

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089915.D
 Acq On : 26 Aug 2016 18:44
 Operator : UM/SJ
 Sample : PB93122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

Quant Time: Aug 26 19:24:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	332167	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1321874	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	607334	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1106585	20.00	ng	0.00
75) Chrysene-d12	13.78	240	800543	20.00	ng	0.00
86) Perylene-d12	15.13	264	734703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	2145741	110.78	ng	0.02
7) Phenol-d6	6.30	99	2445949	102.87	ng	0.00
23) Nitrobenzene-d5	7.22	82	1448279	68.07	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	580914	100.65	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2437009	70.52	ng	0.00
78) Terphenyl-d14	12.74	244	2106499	59.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	266778	27.83	ng	97
3) Pyridine	2.82	79	787486	31.32	ng	92
4) n-Nitrosodimethylamine	2.79	42	331686	35.44	ng	# 80
6) Aniline	6.31	93	884702	27.74	ng	# 36
8) 2-Chlorophenol	6.43	128	775508	33.48	ng	91
9) Benzaldehyde	6.18	77	153340	9.90	ng	95
10) Phenol	6.31	94	788389	28.29	ng	85
11) bis(2-Chloroethyl)ether	6.40	93	797344	36.90	ng	92
12) 1,3-Dichlorobenzene	6.59	146	850258m	35.11	ng	
13) 1,4-Dichlorobenzene	6.67	146	845718m	33.98	ng	
14) 1,2-Dichlorobenzene	6.82	146	819966m	35.29	ng	
15) Benzyl Alcohol	6.80	79	539645	34.22	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	930865	33.66	ng	91
17) 2-Methylphenol	6.92	107	703342	38.77	ng	95
18) Hexachloroethane	7.16	117	307611	34.65	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	559306	36.78	ng	# 86
20) 3+4-Methylphenols	7.07	107	781330	35.13	ng	# 82
22) Acetophenone	7.07	105	992962	32.71	ng	# 88
24) Nitrobenzene	7.24	77	786084	32.93	ng	# 74
25) Isophorone	7.48	82	1498096	34.91	ng	96
26) 2-Nitrophenol	7.55	139	406014	34.09	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	794253	37.00	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	985200	37.11	ng	97
29) 2,4-Dichlorophenol	7.80	162	675802	37.52	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	710354	35.65	ng	96
31) Naphthalene	7.95	128	2193671	35.51	ng	99
32) Benzoic acid	7.74	122	397067	23.74	ng	95
33) 4-Chloroaniline	8.01	127	502773	18.77	ng	# 94
34) Hexachlorobutadiene	8.08	225	346616	33.22	ng	100
35) Caprolactam	8.39	113	213180m	38.86	ng	
36) 4-Chloro-3-methylphenol	8.50	107	679175	34.82	ng	96
37) 2-Methylnaphthalene	8.65	142	1550823	38.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	543688	27.65	ng	96
40) Hexachlorocyclopentadiene	8.81	237	680171	99.61	ng	98

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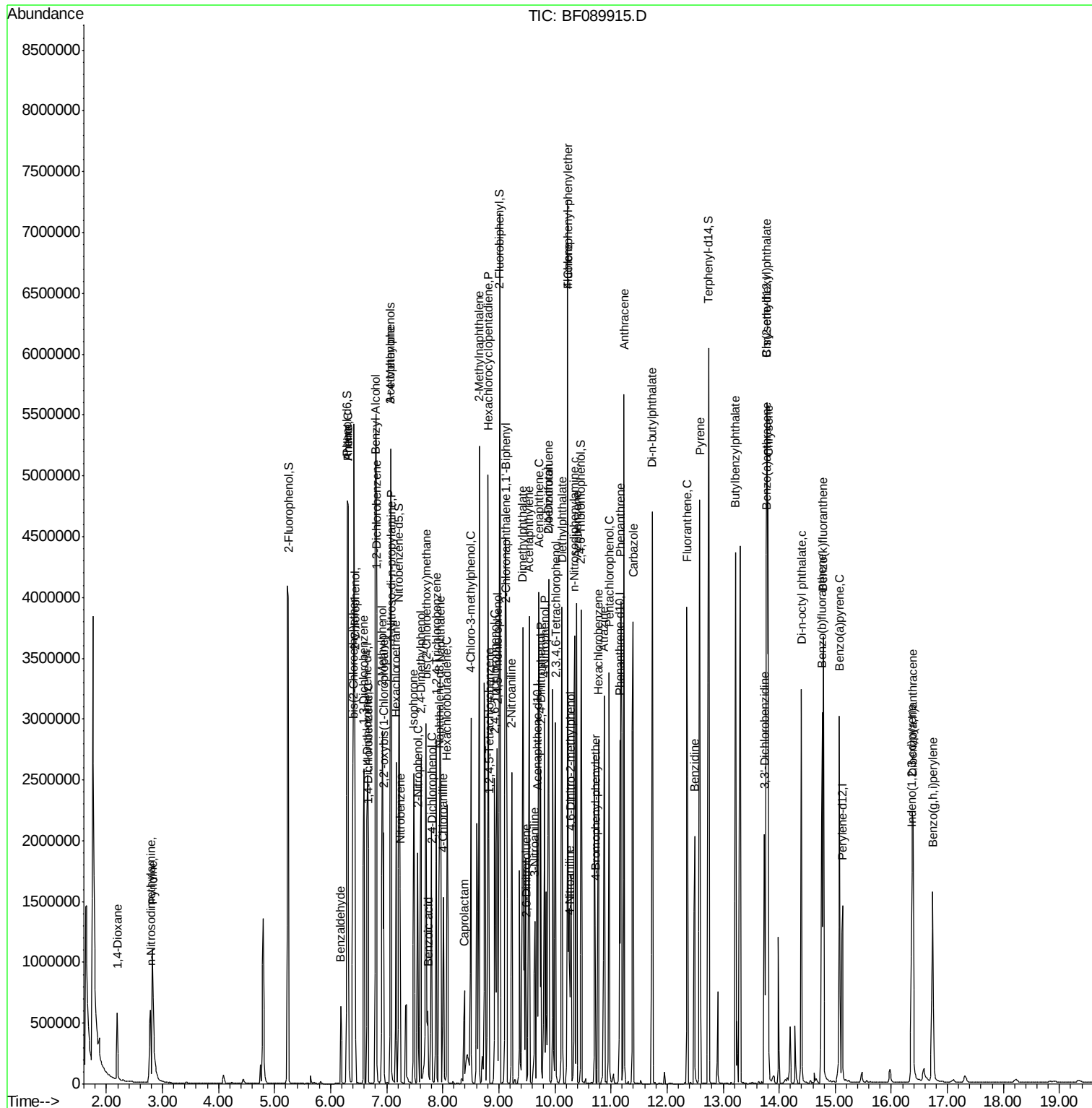
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	462662	37.39	nq	99
43) 2,4,5-Trichlorophenol	8.97	196	462154	37.56	nq	99
45) 1,1'-Biphenyl	9.12	154	1673956	35.62	nq	94
46) 2-Chloronaphthalene	9.13	162	1343194	36.15	nq	98
47) 2-Nitroaniline	9.23	65	449762	42.44	nq	# 83
48) Acenaphthylene	9.54	152	2078997	37.24	nq	99
49) Dimethylphthalate	9.43	163	1740118	40.69	nq	100
50) 2,6-Dinitrotoluene	9.48	165	364035	36.87	nq	# 58
51) Acenaphthene	9.71	154	1495869	40.49	nq	99
52) 3-Nitroaniline	9.64	138	331420	30.30	nq	# 76
53) 2,4-Dinitrophenol	9.75	184	344465	64.73	nq	95
54) Dibenzofuran	9.88	168	1907383	41.10	nq	98
55) 4-Nitrophenol	9.82	139	714366	80.01	nq	98
56) 2,4-Dinitrotoluene	9.88	165	497889	38.87	nq	91
57) Fluorene	10.23	166	1228413	33.22	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	397530	44.39	nq	97
59) Diethylphthalate	10.12	149	1701855	39.18	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	572159	33.91	nq	99
61) 4-Nitroaniline	10.26	138	444610	43.36	nq	83
62) Azobenzene	10.39	77	1712305	41.93	nq	94
64) 4,6-Dinitro-2-methylphenol	10.28	198	273166	42.96	nq	# 78
65) n-Nitrosodiphenylamine	10.35	169	1414317	40.65	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	417444	35.98	nq	98
67) Hexachlorobenzene	10.78	284	500456	37.81	nq	97
68) Atrazine	10.88	200	371975	34.91	nq	97
69) Pentachlorophenol	10.97	266	550534	73.39	nq	98
70) Phenanthrene	11.18	178	2134564	38.19	nq	99
71) Anthracene	11.23	178	2177891	38.33	nq	99
72) Carbazole	11.39	167	2209364	43.36	nq	96
73) Di-n-butylphthalate	11.74	149	2412864	37.85	nq	98
74) Fluoranthene	12.35	202	2112326	39.73	nq	94
76) Benzidine	12.49	184	1078184	41.62	nq	96
77) Pyrene	12.58	202	1997511	30.64	nq	98
79) Butylbenzylphthalate	13.22	149	1114727	37.86	nq	98
80) Benzo(a)anthracene	13.77	228	1843862	40.22	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	405635	26.99	nq	98
82) Chrysene	13.81	228	1621052	41.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1388523	34.24	nq	# 97
84) Di-n-octyl phthalate	14.40	149	2491256	46.23	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.37	276	1440575	28.73	nq	99
87) Benzo(b)fluoranthene	14.77	252	1768536m	43.76	nq	
88) Benzo(k)fluoranthene	14.79	252	1219253m	33.25	nq	
89) Benzo(a)pyrene	15.07	252	1407757	36.80	nq	99
90) Dibenzo(a,h)anthracene	16.39	278	1212988	29.21	nq	99
91) Benzo(g,h,i)perylene	16.74	276	1230011	28.13	nq	97

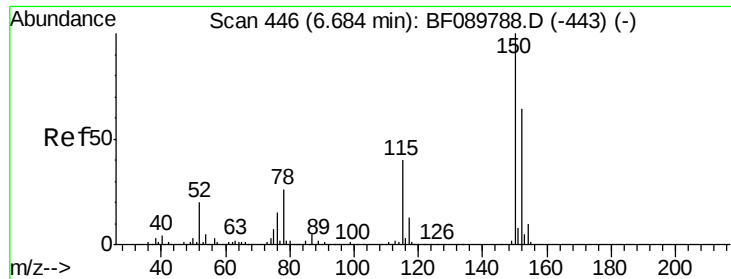
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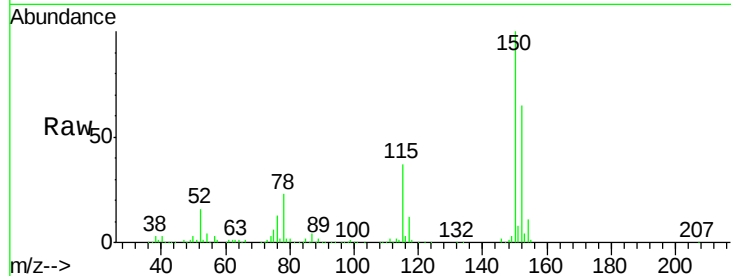


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB93122BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.3	187.9
115	56.5	40.9	61.3

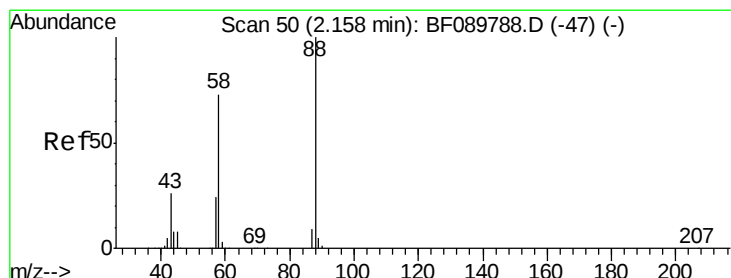
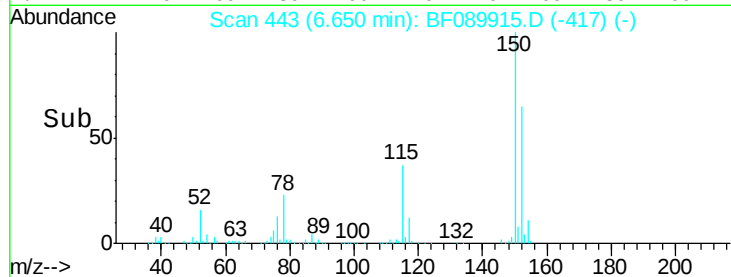
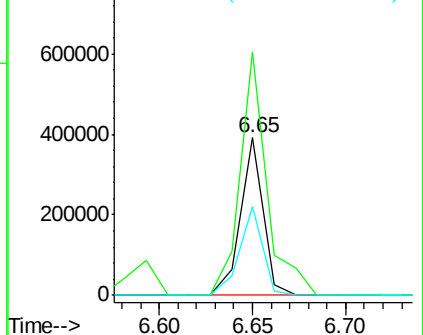


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

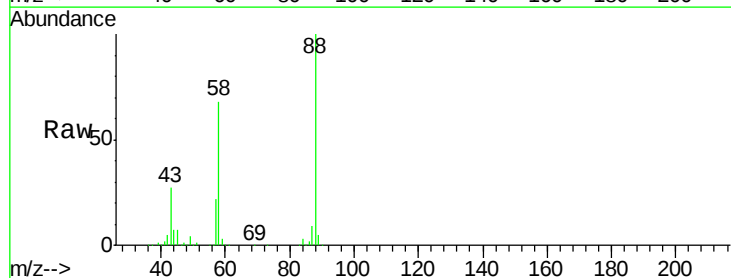
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.83 ng
RT: 2.19 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.0	85.4
43	27.5	21.8	32.8

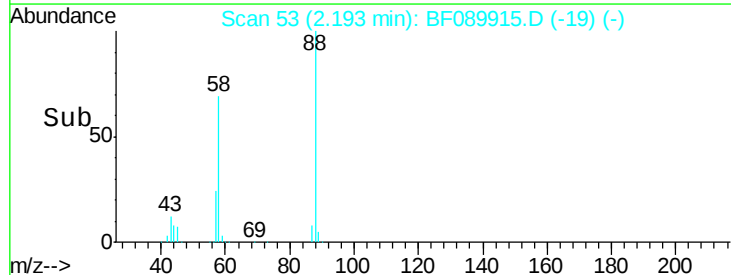
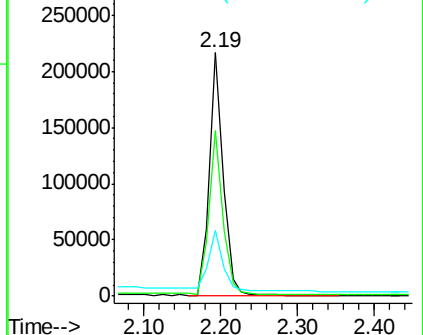


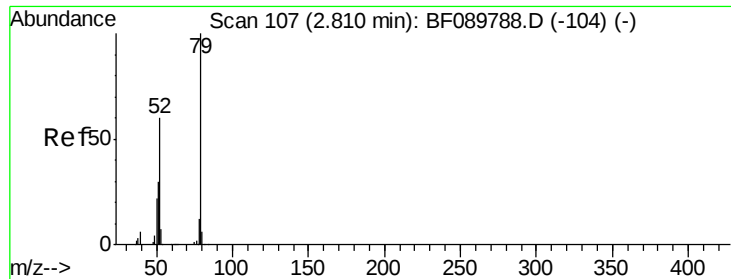
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.32 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

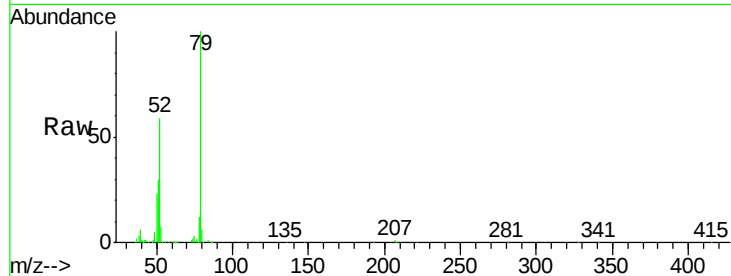
Tot Ion: 79 Resp: 787486

Ion Ratio Lower Upper

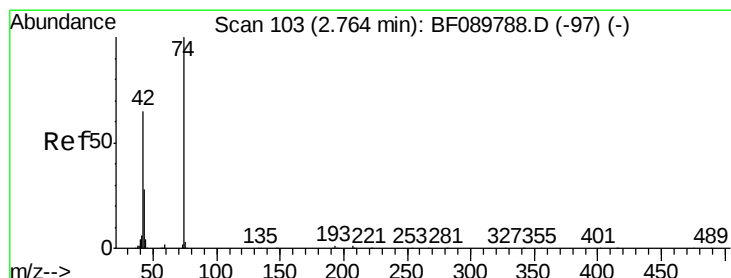
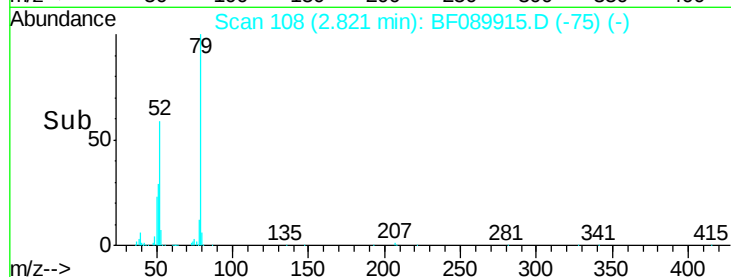
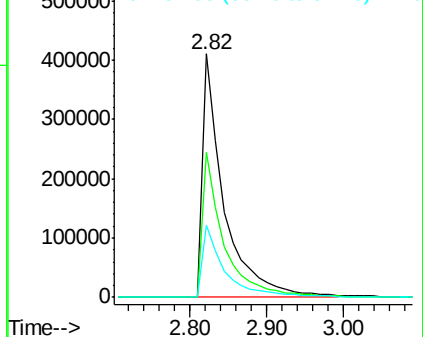
79 100

52 59.4 53.6 80.4

51 29.7 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.44 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.08 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

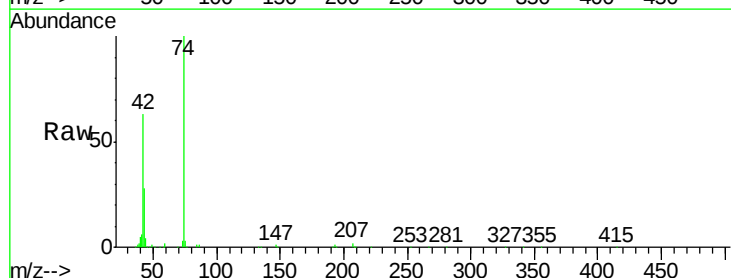
Tgt Ion: 42 Resp: 331686

Ion Ratio Lower Upper

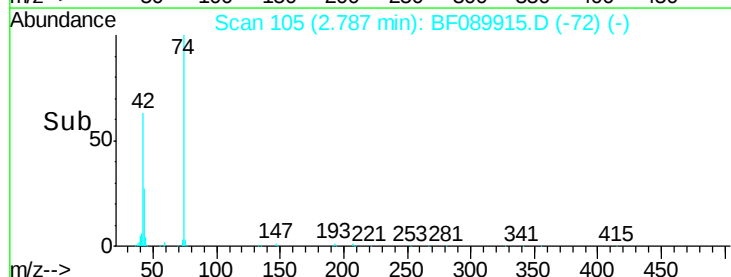
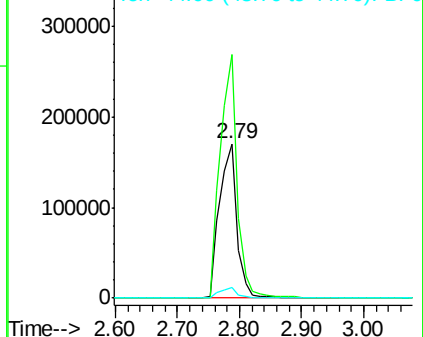
42 100

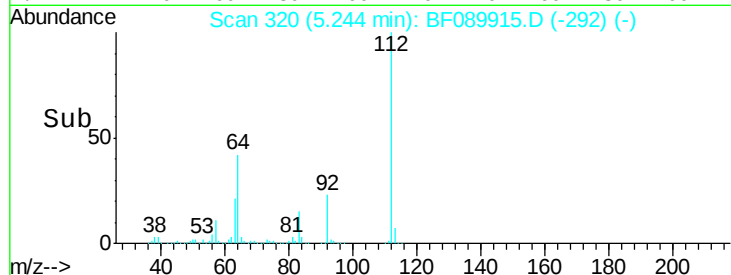
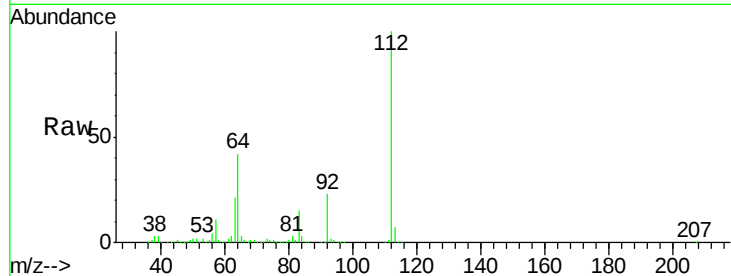
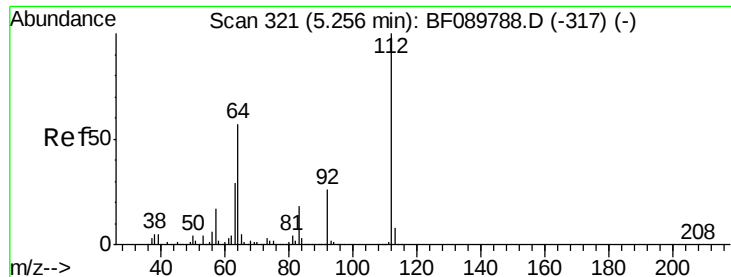
74 157.9 106.2 159.2

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.78 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.02 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

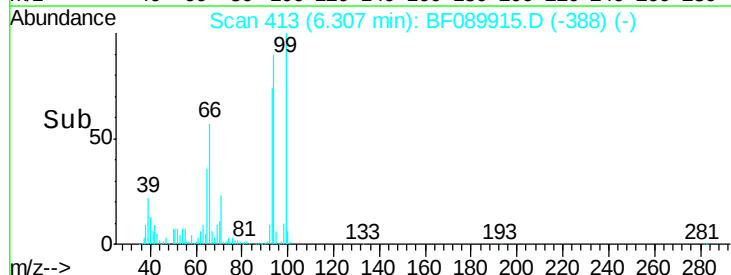
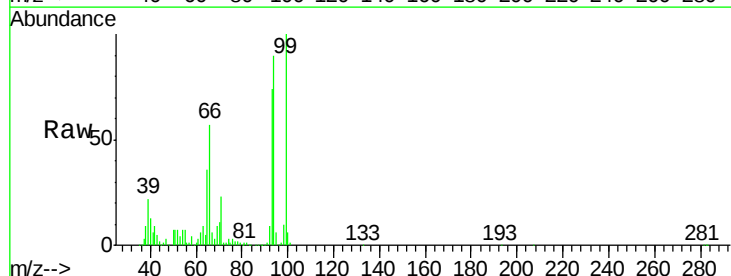
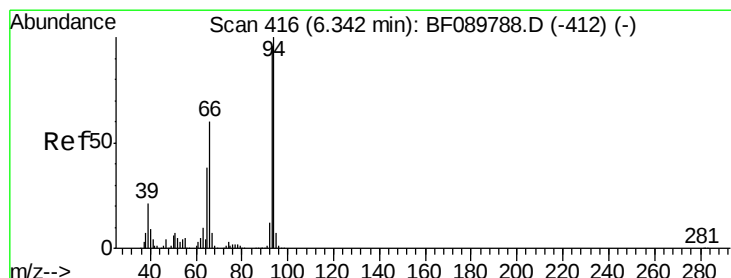
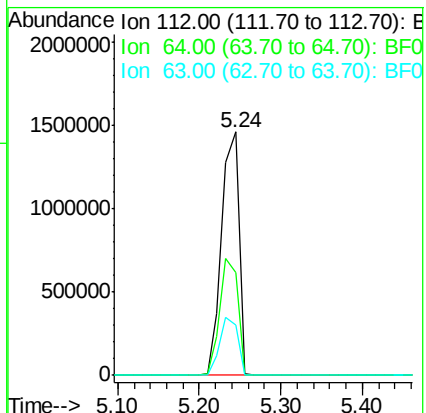
Tot Ion:112 Resp: 2145741

Ion Ratio Lower Upper

112 100

64 42.4 45.0 67.4#

63 20.9 23.1 34.7#



#6

Aniline

Concen: 27.74 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

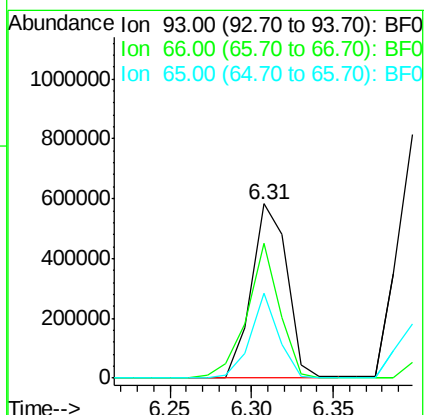
Tgt Ion: 93 Resp: 884702

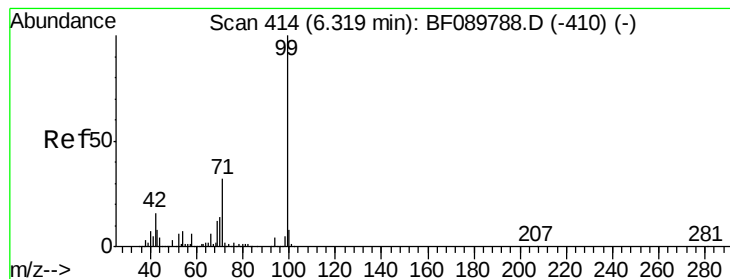
Ion Ratio Lower Upper

93 100

66 77.3 30.6 46.0#

65 48.3 15.4 23.2#





#7

Phenol-d6

Concen: 102.87 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

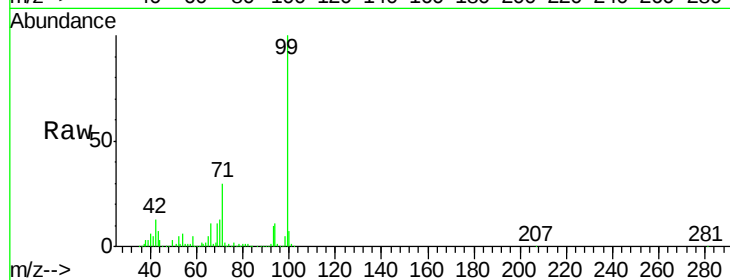
BNA_F

ClientSampleId :

PB93122BS

Tot Ion: 99 Resp: 2445949

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.4
71	29.6	23.8	35.8

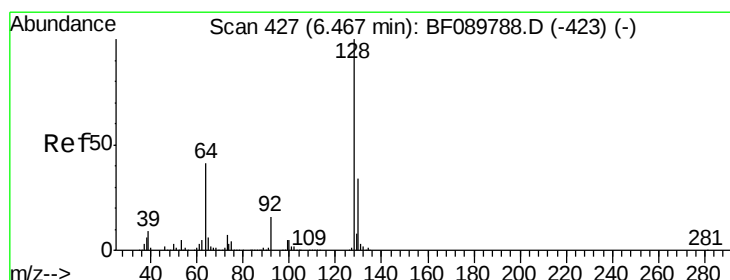
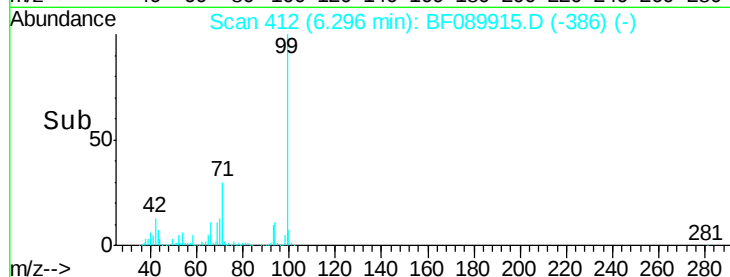
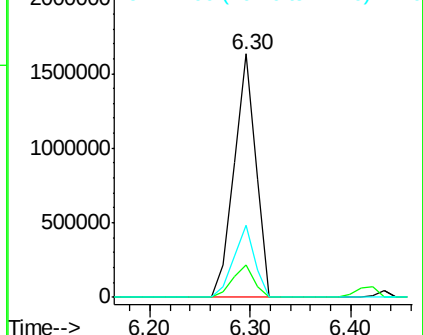


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.48 ng

RT: 6.43 min Scan# 424

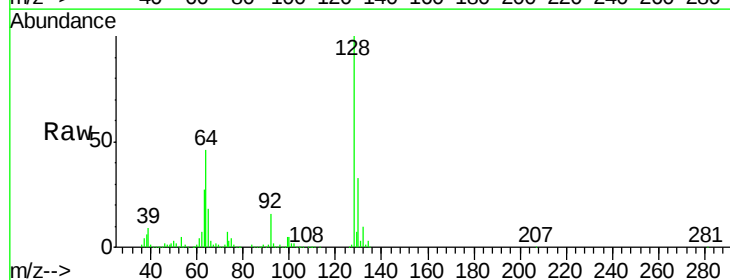
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion: 128 Resp: 775508

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	45.5	35.1	75.1

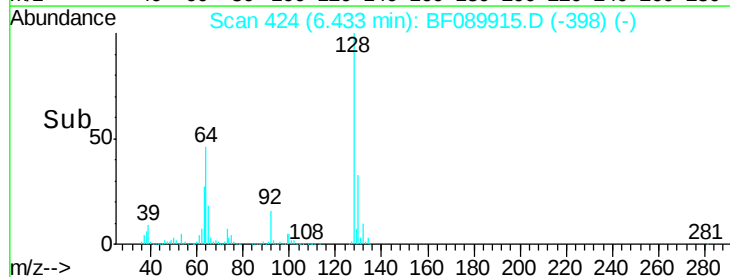
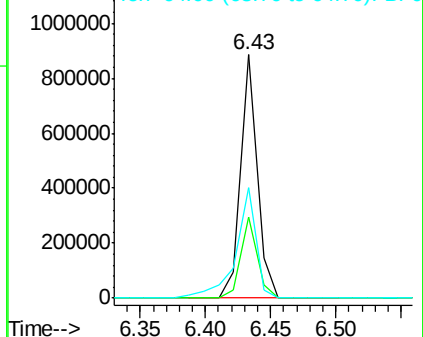


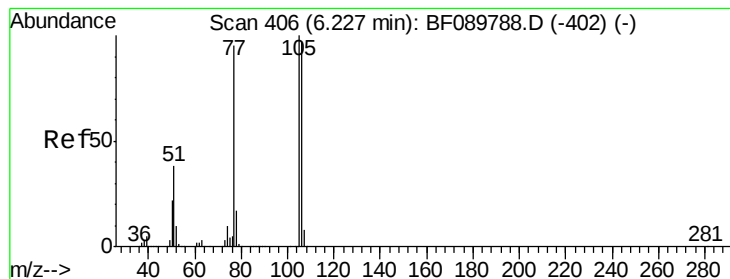
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.90 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

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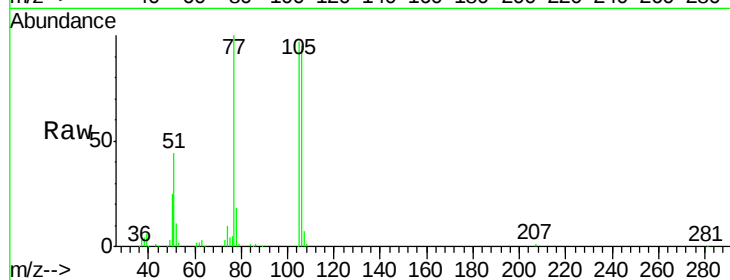
Tot Ion: 77 Resp: 153340

Ion Ratio Lower Upper

77 100

105 96.5 73.3 113.3

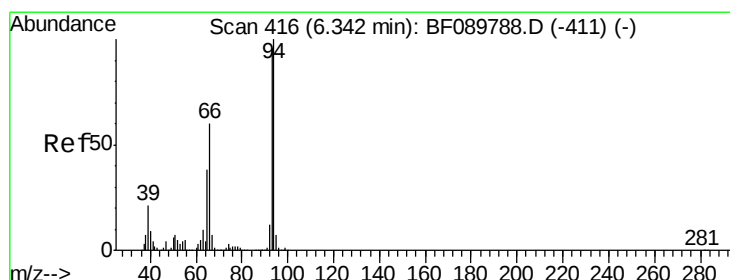
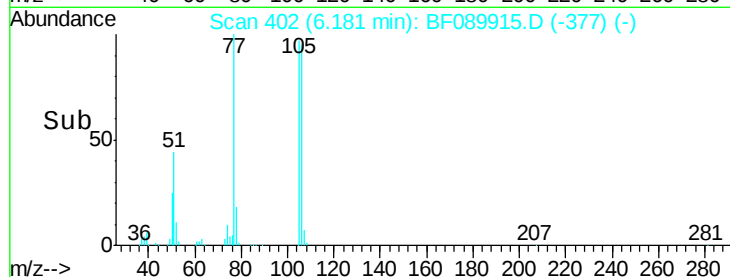
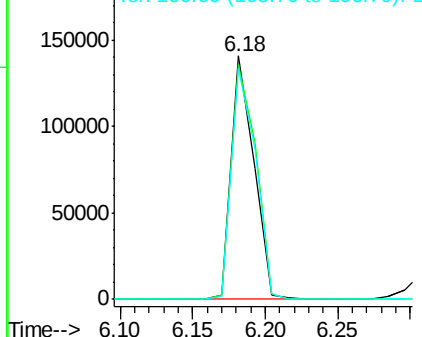
106 94.7 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.29 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

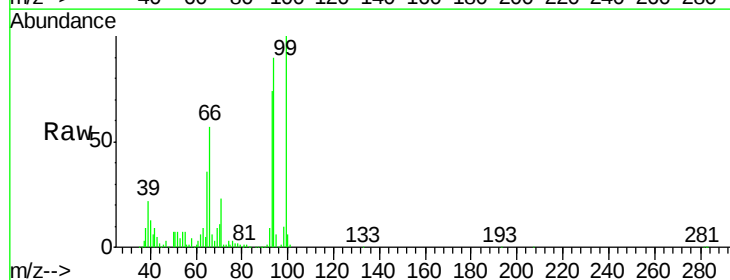
Tgt Ion: 94 Resp: 788389

Ion Ratio Lower Upper

94 100

65 39.8 14.0 54.0

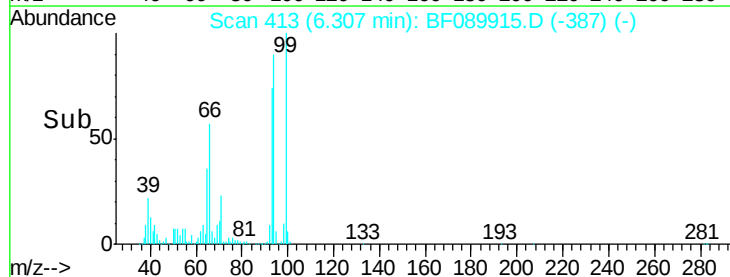
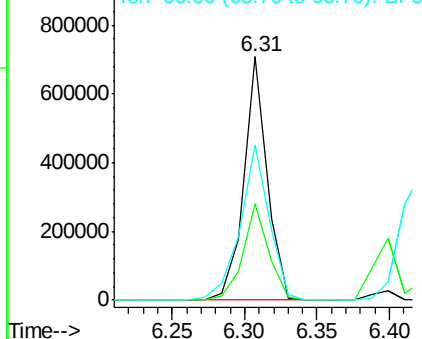
66 63.6 31.2 71.2

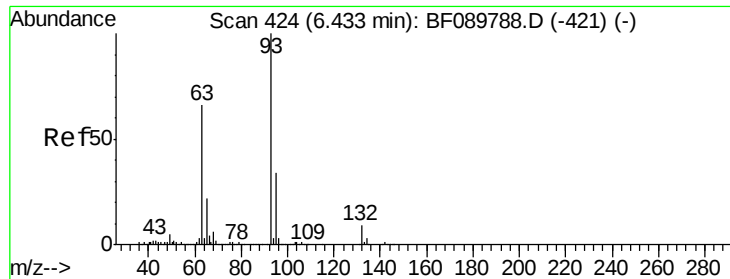


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

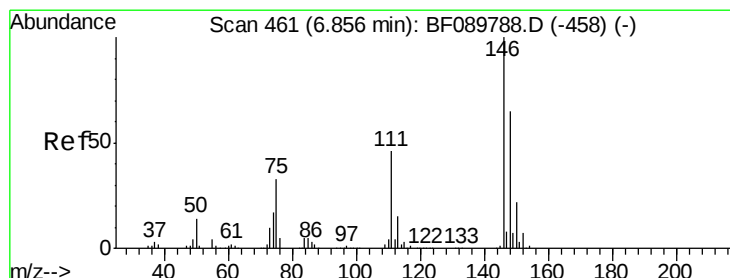
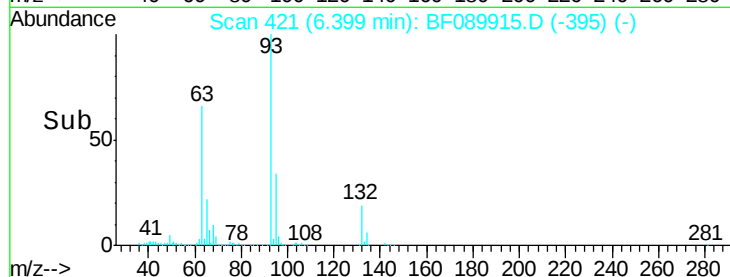
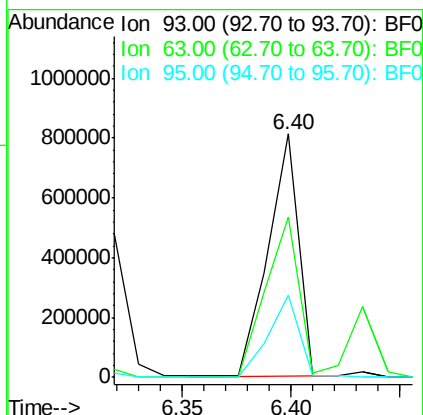
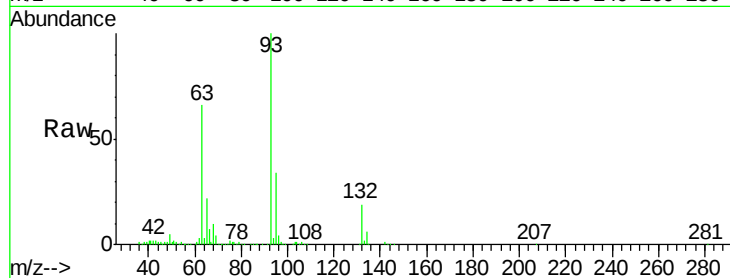




#11
bis(2-Chloroethyl)ether
Concen: 36.90 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

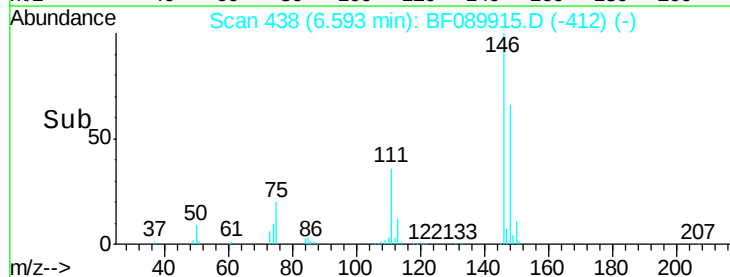
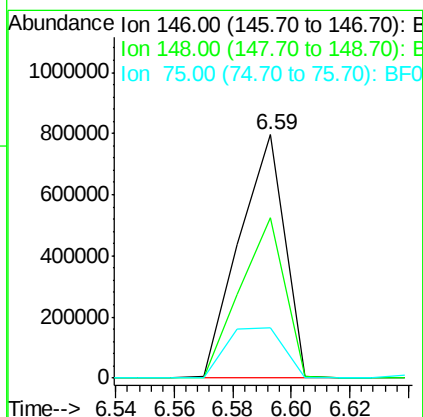
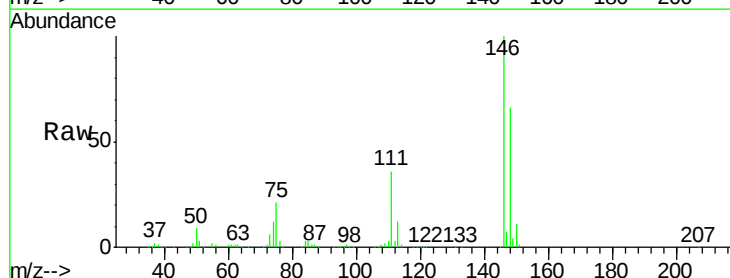
Instrument :
BNA_F
ClientSampleId :
PB93122BS

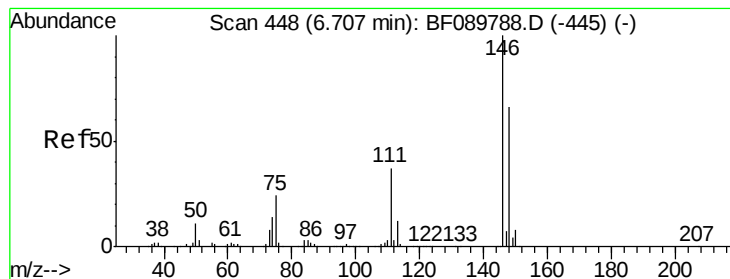
Tot Ion: 93 Resp: 797344
Ion Ratio Lower Upper
93 100
63 65.9 55.8 95.8
95 33.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 35.11 ng m
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion: 146 Resp: 850258
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.4
75 20.9 27.0 40.6#





#13

1,4-Dichlorobenzene

Concen: 33.98 ng m

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

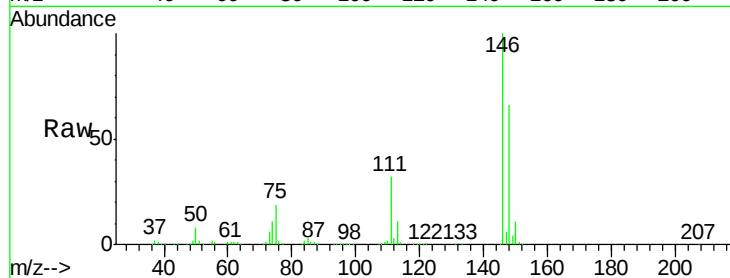
Tot Ion:146 Resp: 845718

Ion Ratio Lower Upper

146 100

148 66.3 51.0 76.6

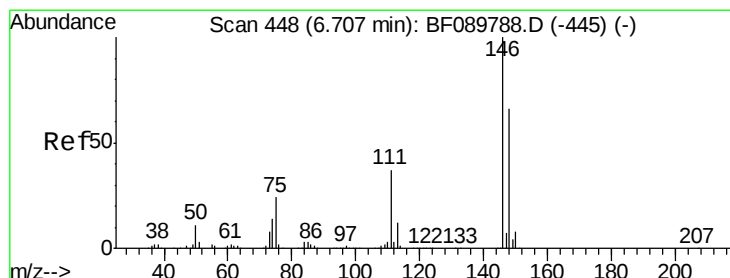
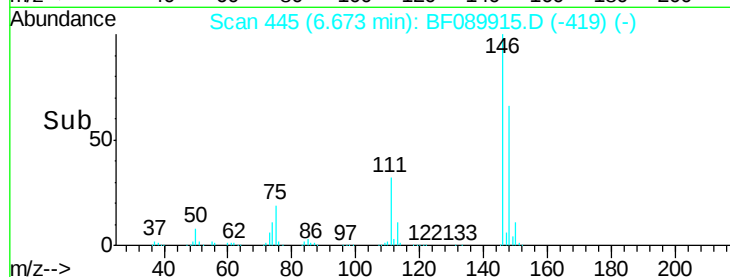
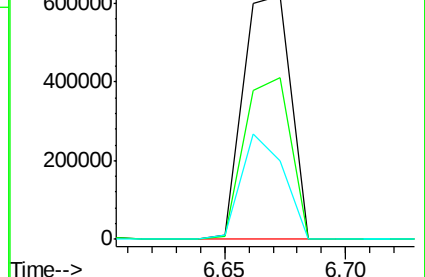
111 32.4 34.6 52.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.29 ng m

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

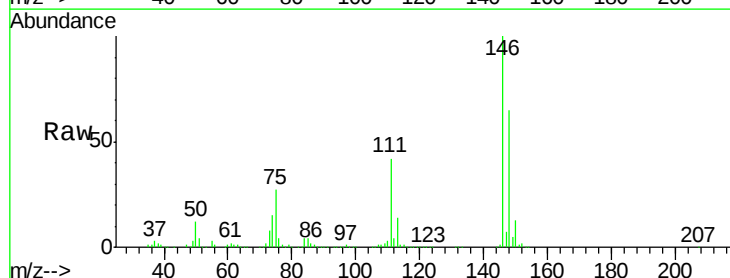
Tgt Ion:146 Resp: 819966

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

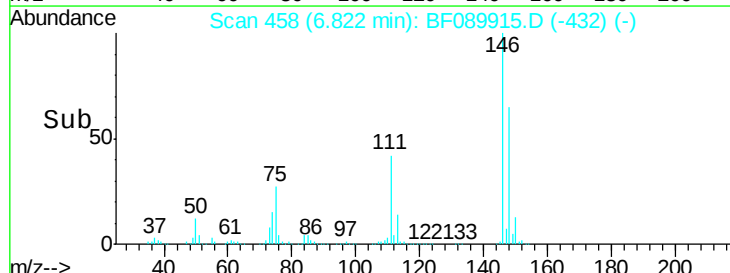
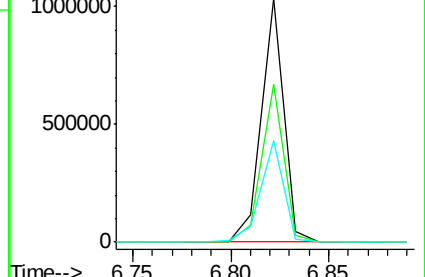
111 41.6 29.8 44.6

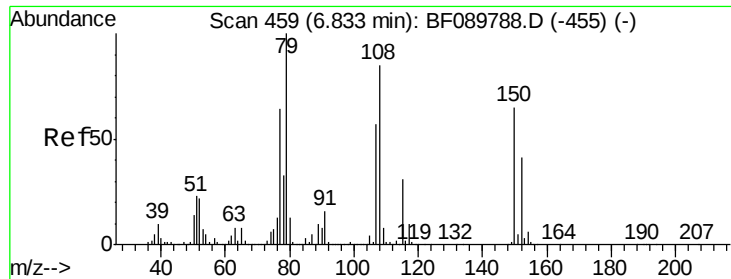


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.22 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

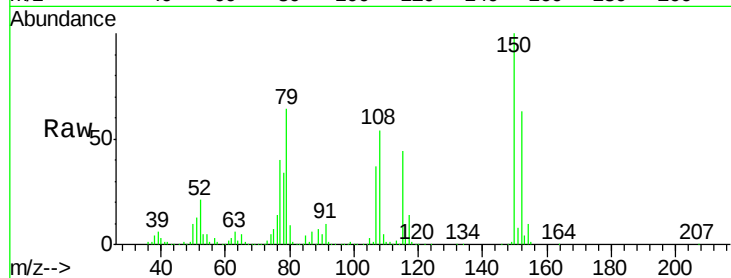
Tot Ion: 79 Resp: 539645

Ion Ratio Lower Upper

79 100

108 85.0 62.5 93.7

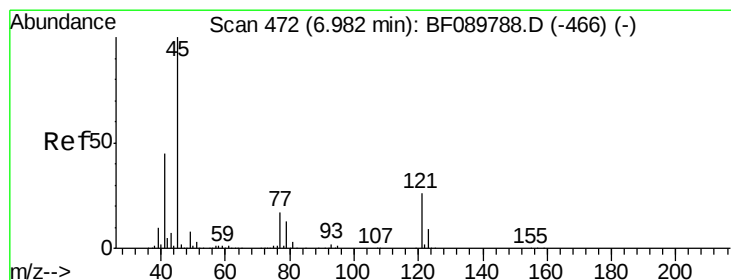
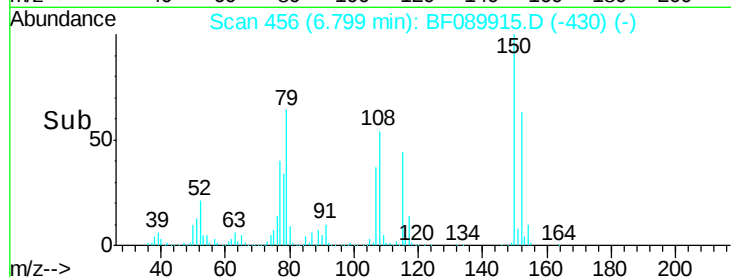
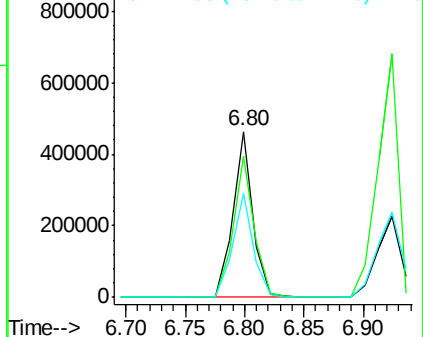
77 63.2 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.66 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

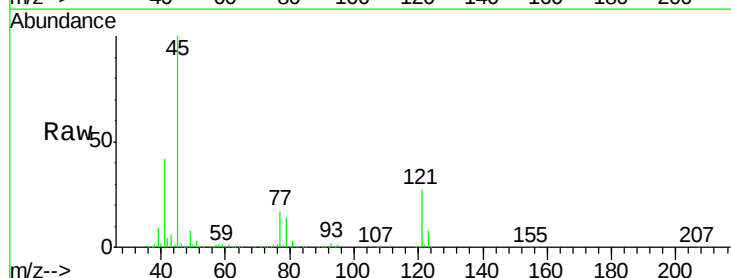
Tgt Ion: 45 Resp: 930865

Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

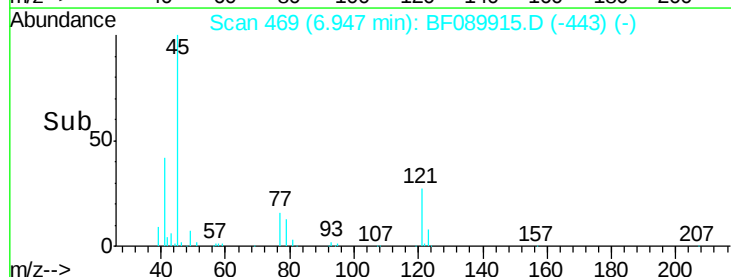
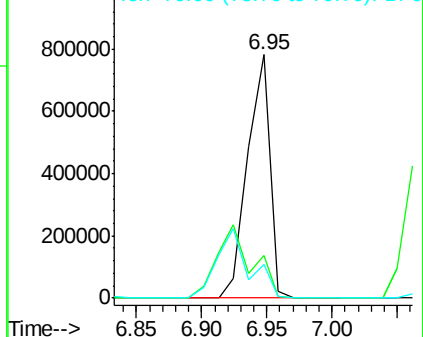
79 13.9 0.0 30.7

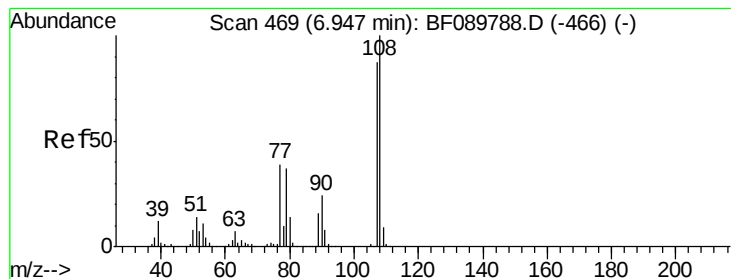


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.77 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

Tot Ion:107 Resp: 703342

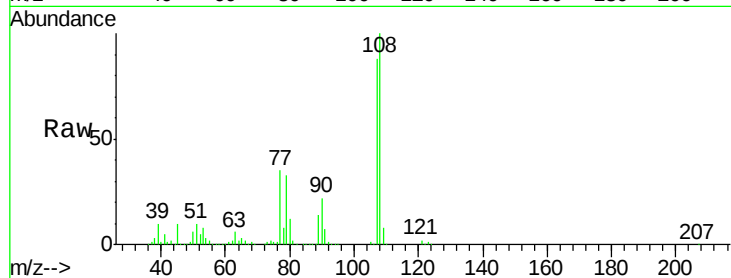
Ion Ratio Lower Upper

107 100

108 113.9 91.0 136.4

77 39.7 37.4 56.0

79 37.7 36.6 55.0



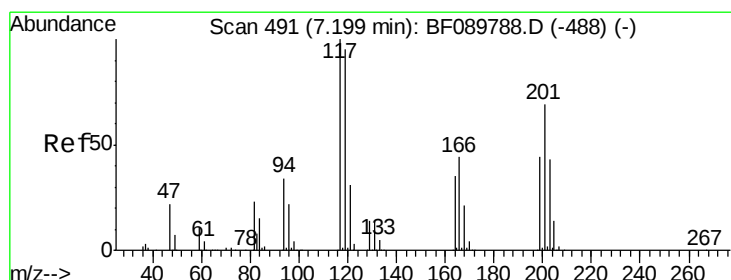
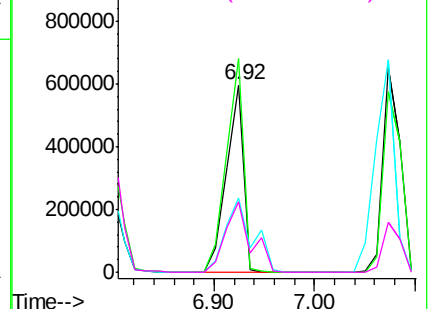
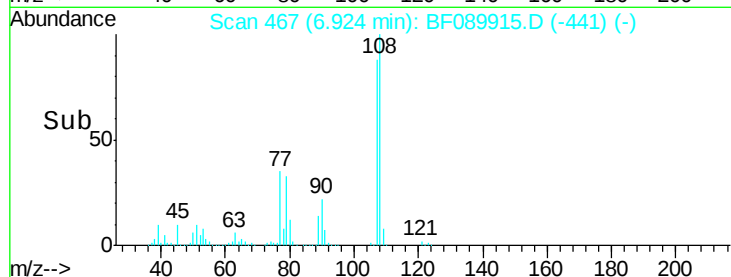
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.65 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

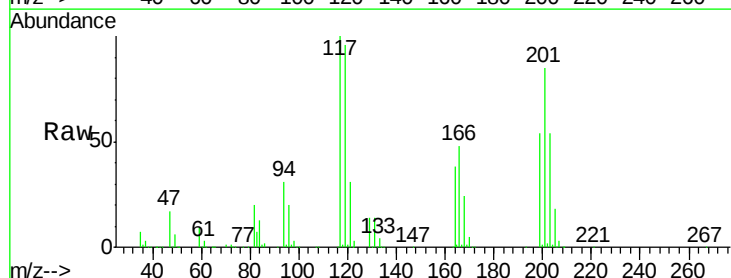
Tgt Ion:117 Resp: 307611

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7

201 85.4 76.9 115.3

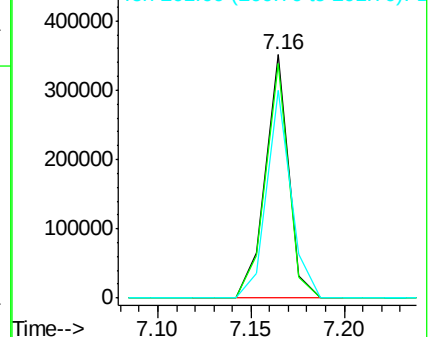
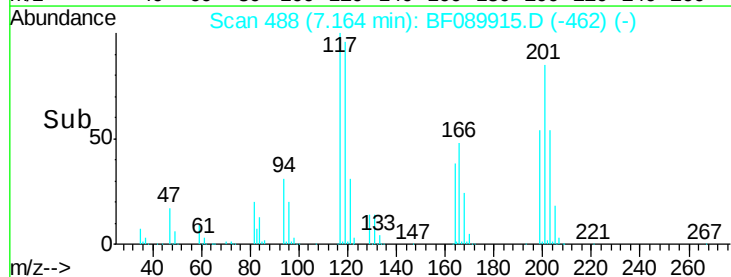


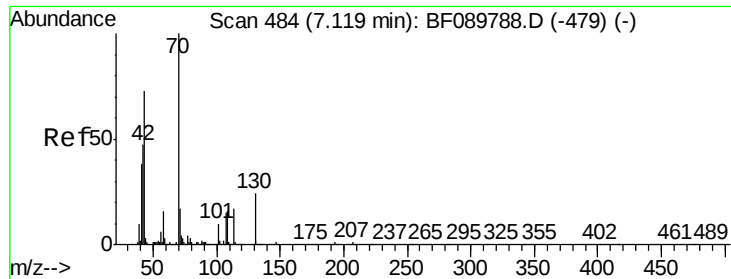
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

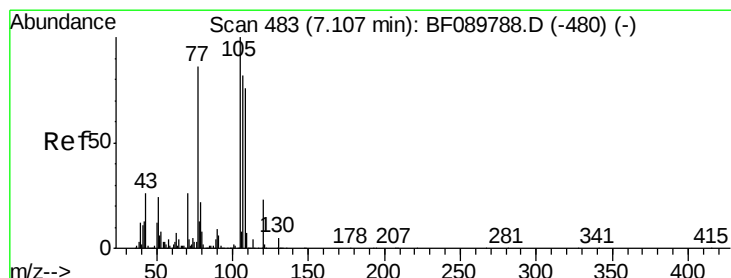
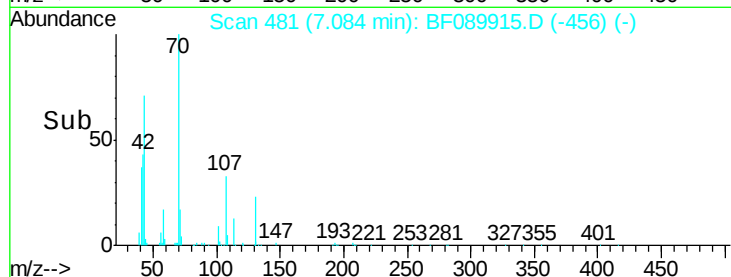
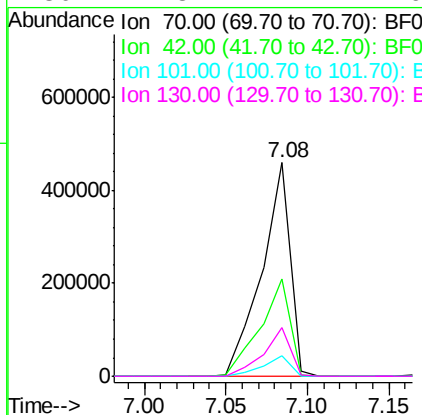
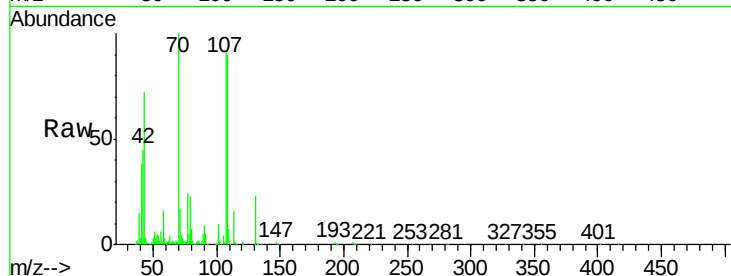




#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

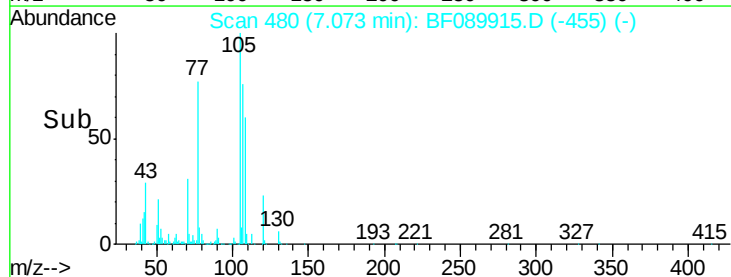
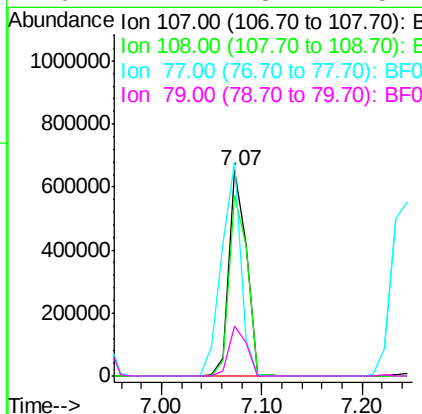
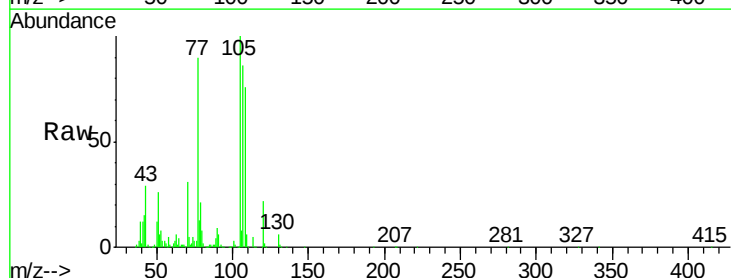
Instrument :
BNA_F
ClientSampleId :
PB93122BS

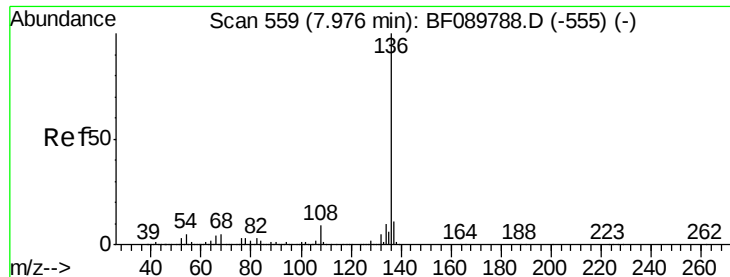
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	46.3	69.5#
101	9.8	7.0	10.6
130	22.8	14.4	21.6#



#20
3+4-Methylphenols
Concen: 35.13 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	103.7	122.3	162.3#
79	24.2	8.2	48.2

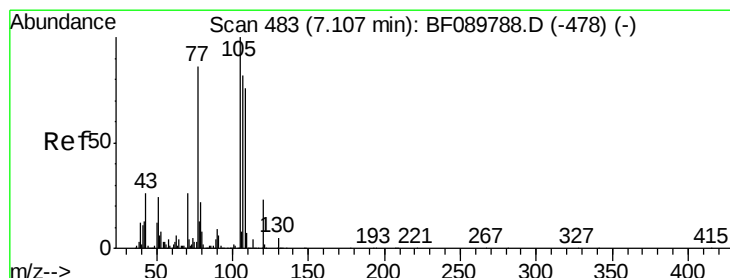
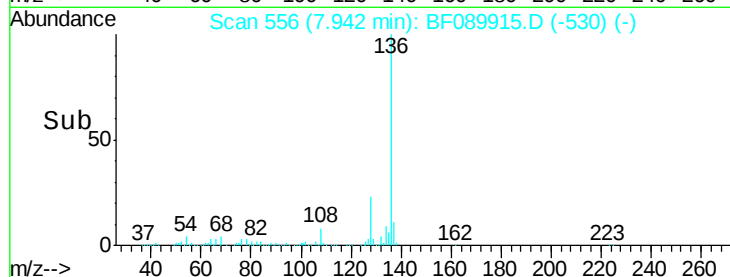
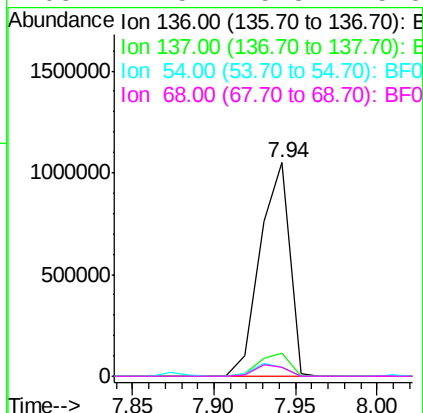
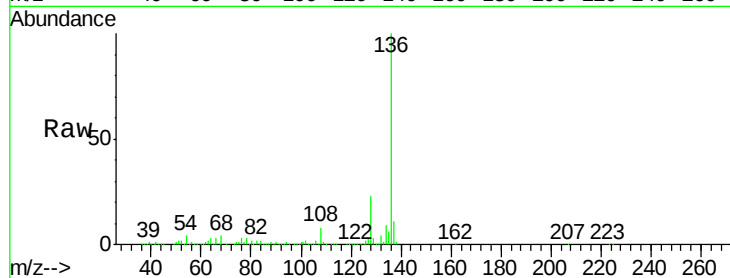




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

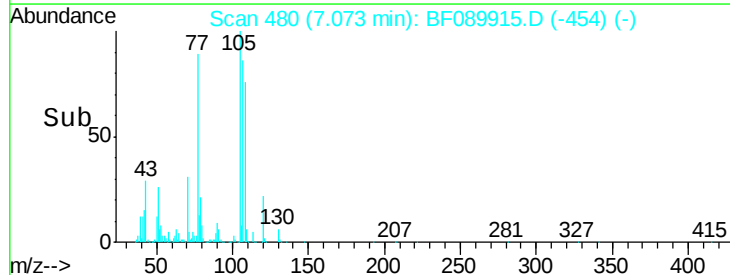
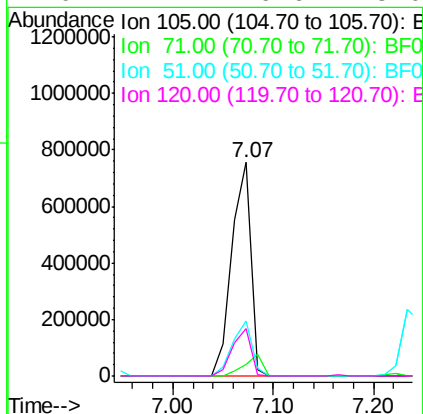
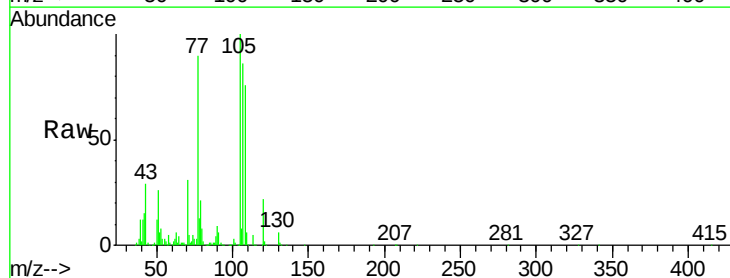
Instrument :
BNA_F
ClientSampleId :
PB93122BS

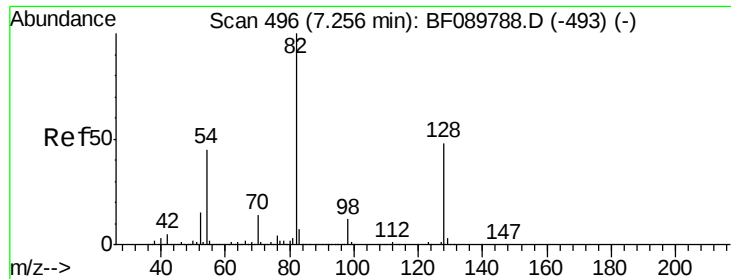
Tot Ion:136	Resp: 1321874
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 4.5	7.2 10.8#
68 4.5	5.8 8.8#



#22
Acetophenone
Concen: 32.71 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt	Ion:105	Resp:	992962
Ion	Ratio	Lower	Upper
105	100		
71	5.3	1.9	2.9#
51	25.9	28.5	42.7#
120	22.4	16.6	25.0

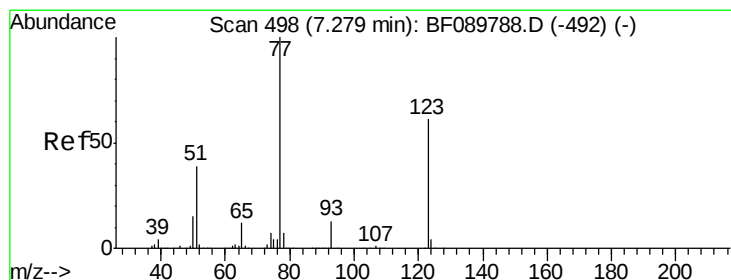
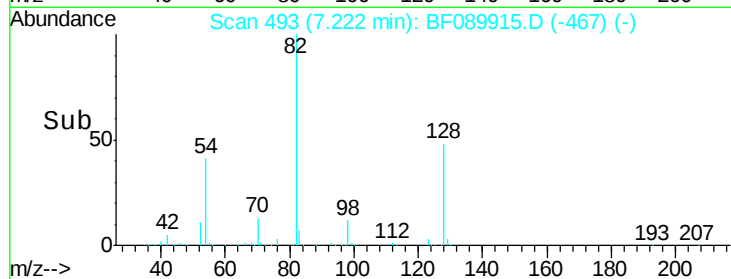
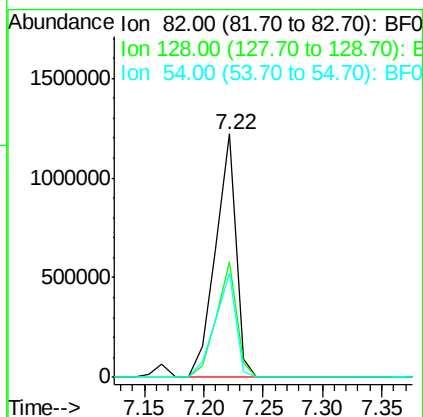
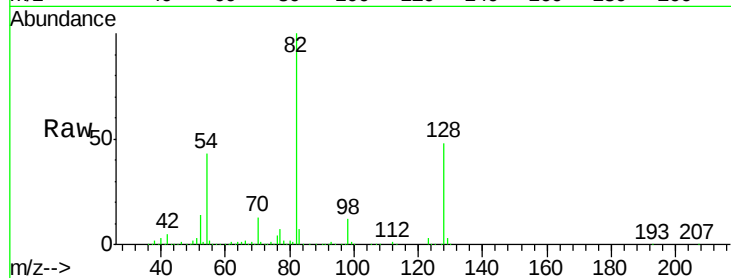




#23
 Nitrobenzene-d5
 Concen: 68.07 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

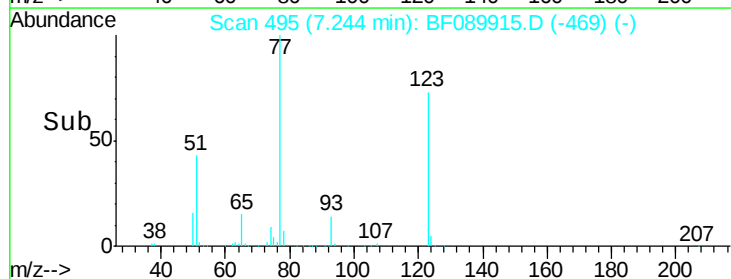
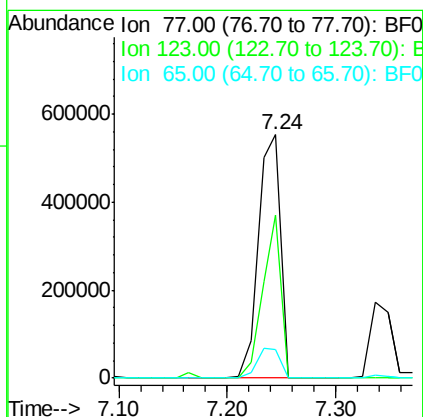
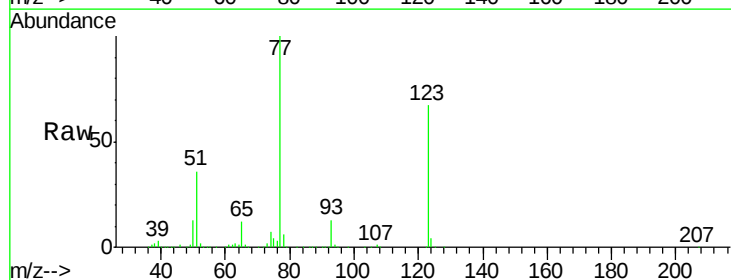
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

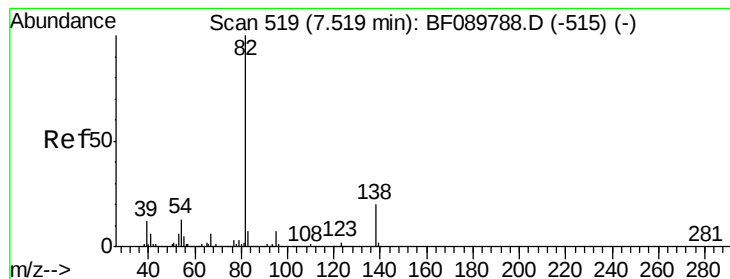
Tot Ion: 82 Resp: 1448279
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.4 51.6
 54 43.0 40.3 60.5



#24
 Nitrobenzene
 Concen: 32.93 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion: 77 Resp: 786084
 Ion Ratio Lower Upper
 77 100
 123 66.8 36.2 54.2#
 65 11.8 10.6 15.8





#25

Isophorone

Concen: 34.91 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

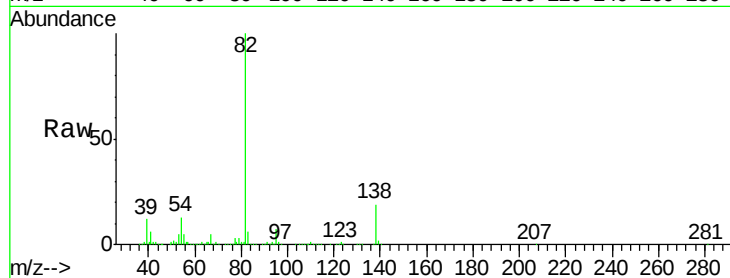
Tot Ion: 82 Resp: 1498096

Ion Ratio Lower Upper

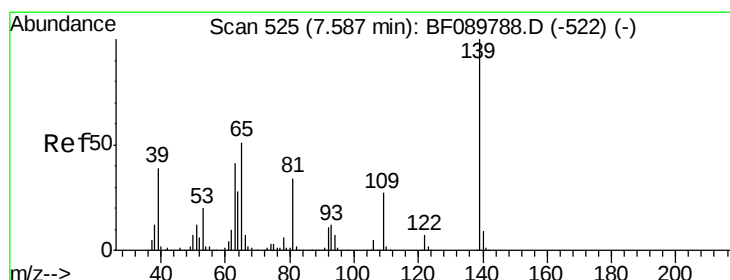
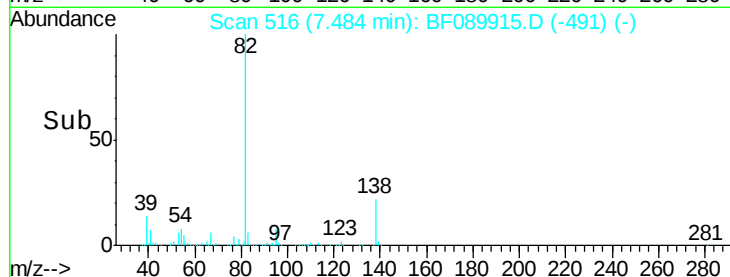
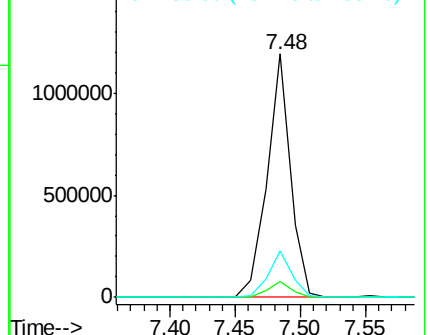
82 100

95 6.6 5.3 7.9

138 18.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.09 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

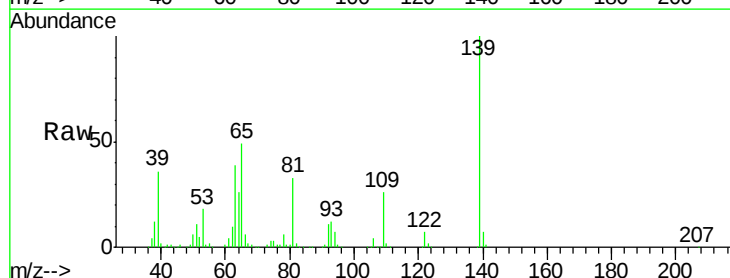
Tgt Ion: 139 Resp: 406014

Ion Ratio Lower Upper

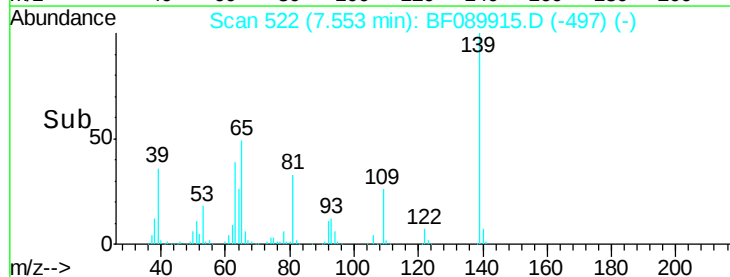
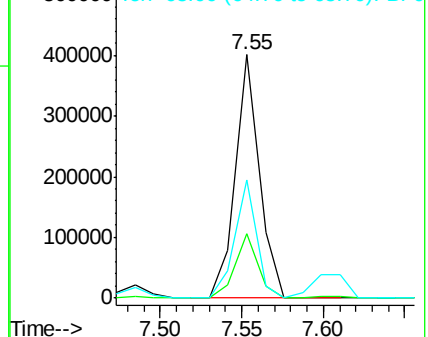
139 100

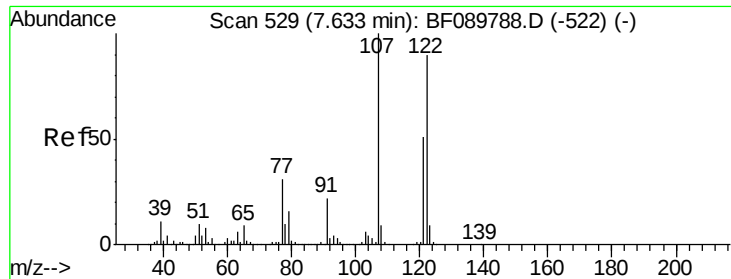
109 26.3 19.5 29.3

65 48.7 26.5 39.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.00 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

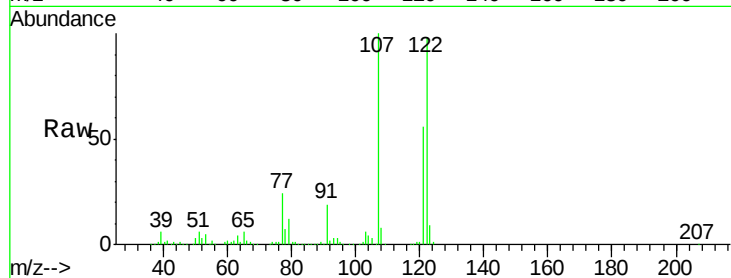
Tot Ion:122 Resp: 794253

Ion Ratio Lower Upper

122 100

107 101.7 84.8 127.2

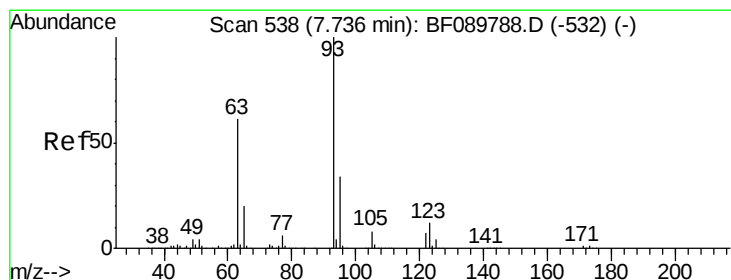
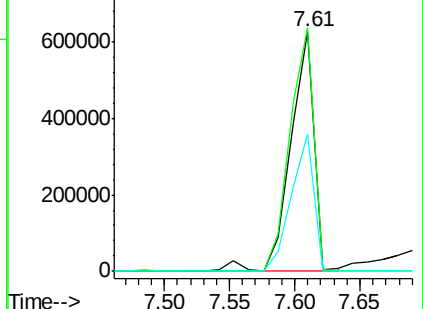
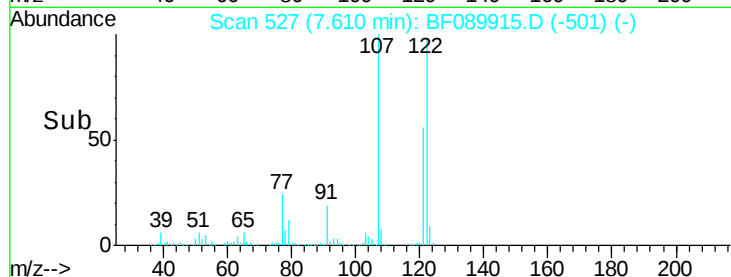
121 57.2 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.11 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

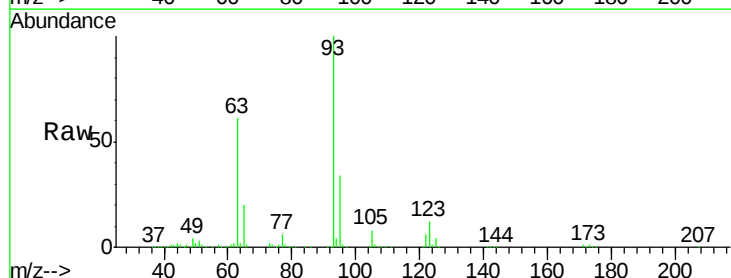
Tgt Ion: 93 Resp: 985200

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

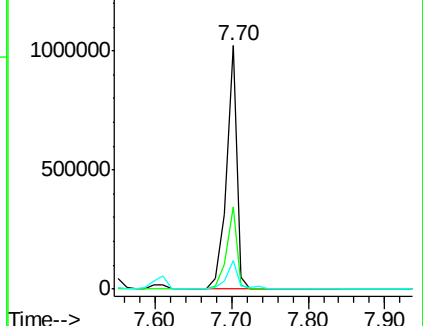
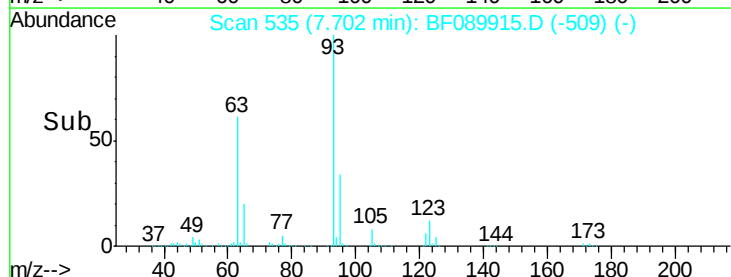
123 11.7 8.5 12.7

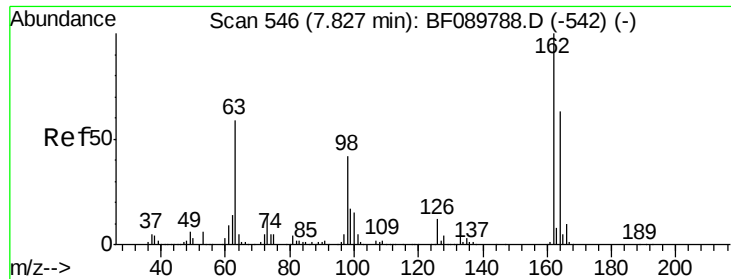


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

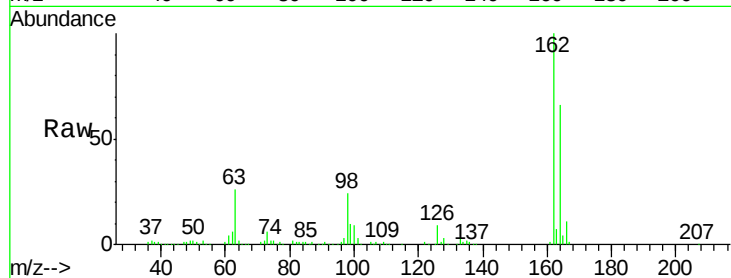




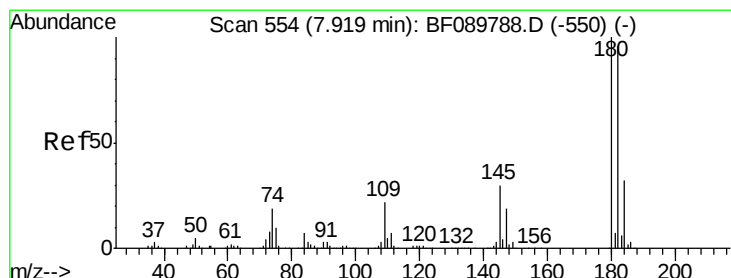
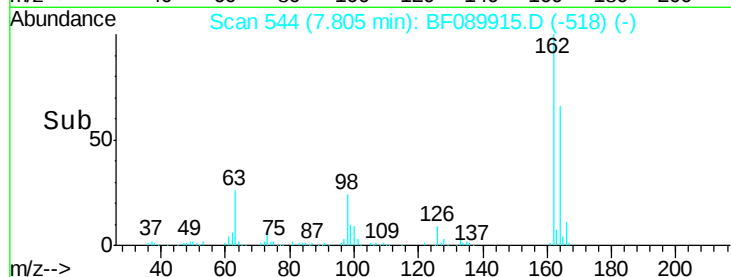
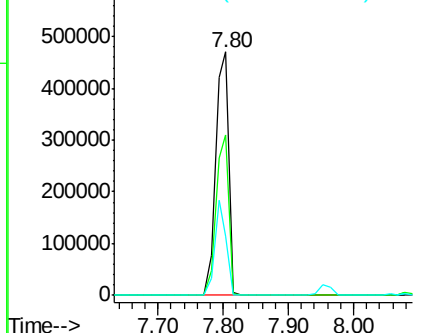
#29
 2,4-Dichlorophenol
 Concen: 37.52 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.5	85.5
98	24.3	12.4	52.4

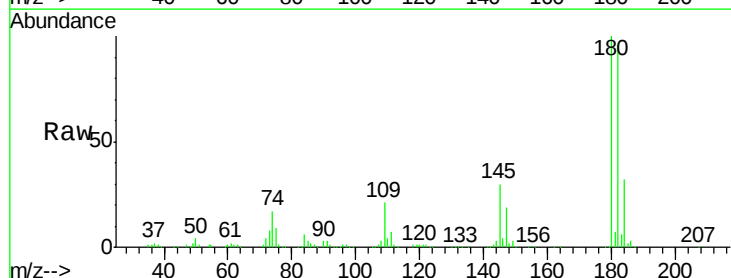


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

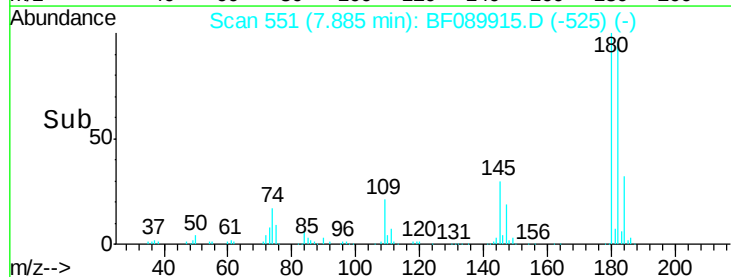
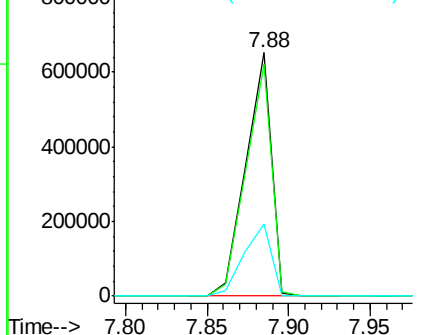


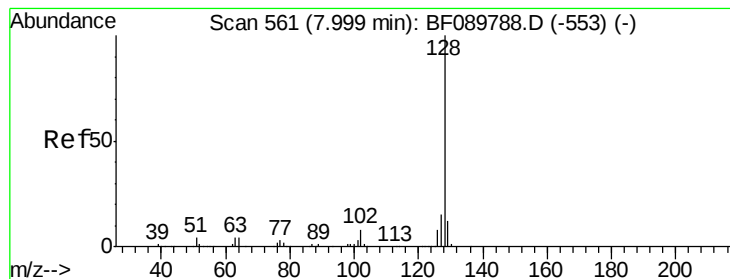
#30
 1,2,4-Trichlorobenzene
 Concen: 35.65 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	29.6	28.7	43.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.51 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

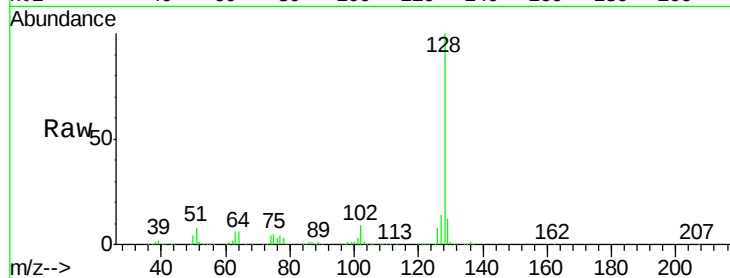
Tot Ion:128 Resp: 2193671

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

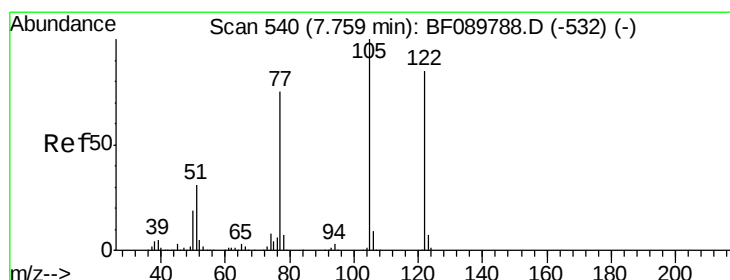
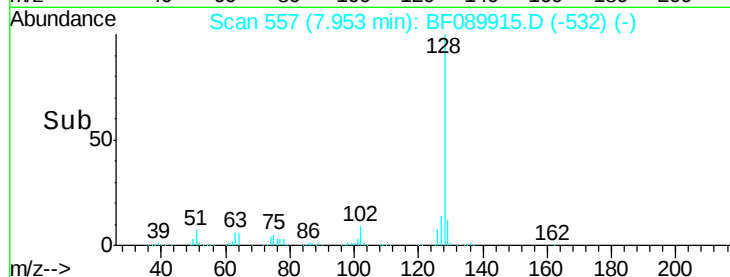
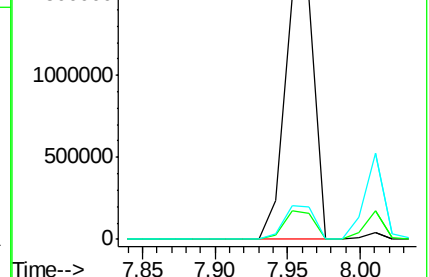
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.74 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

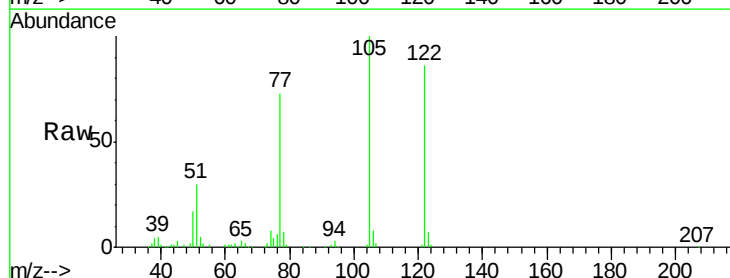
Tgt Ion:122 Resp: 397067

Ion Ratio Lower Upper

122 100

105 116.6 100.8 140.8

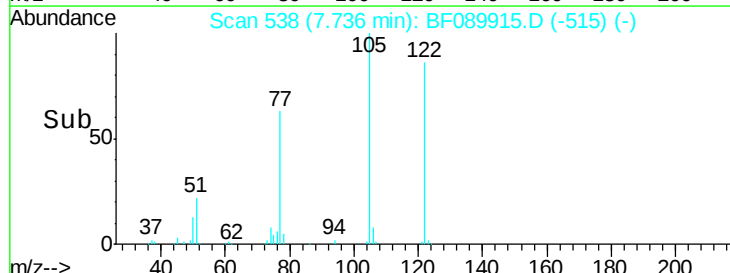
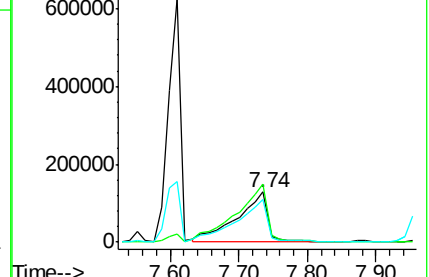
77 85.3 72.1 112.1

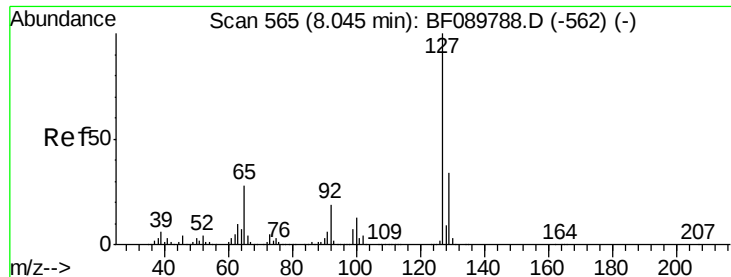


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

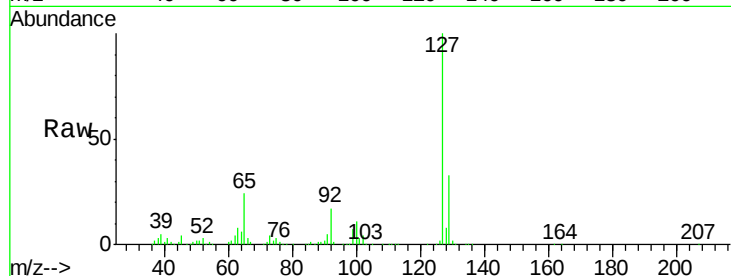




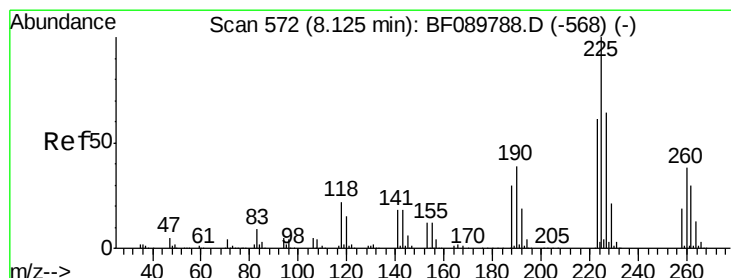
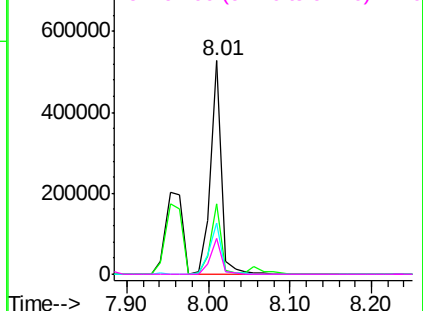
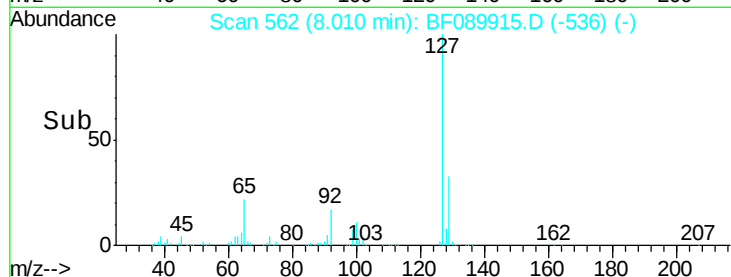
#33
4-Chloroaniline
Concen: 18.77 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB93122BS

Tot Ion:	127	Resp:	502773
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.6
65	24.2	14.7	22.1#
92	16.8	11.7	17.5

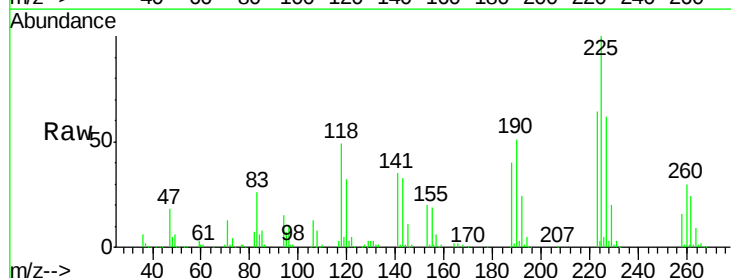


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

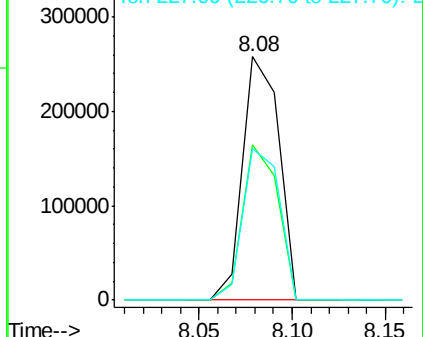
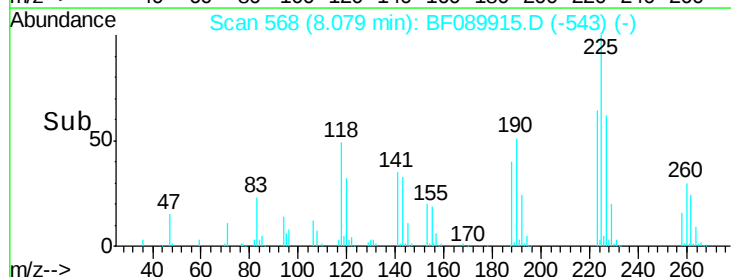


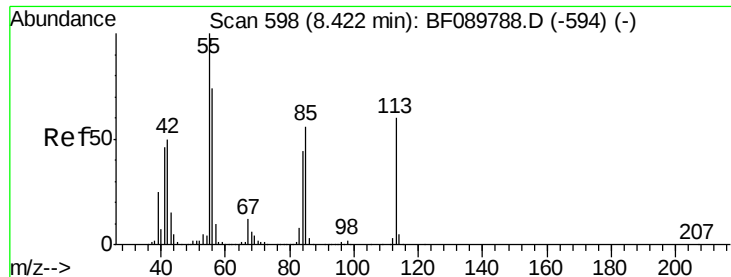
#34
Hexachlorobutadiene
Concen: 33.22 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion:	225	Resp:	346616
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.4	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.86 ng/ml

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

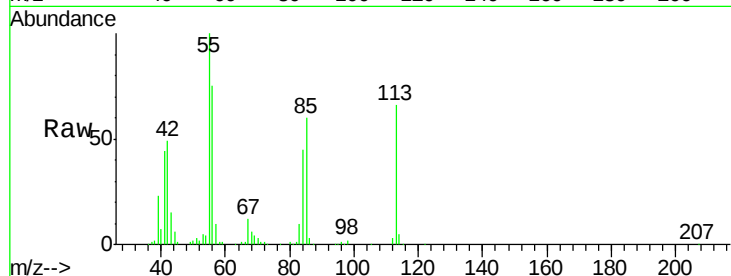
Tot Ion:113 Resp: 213180

Ion Ratio Lower Upper

113 100

55 151.2 135.9 175.9

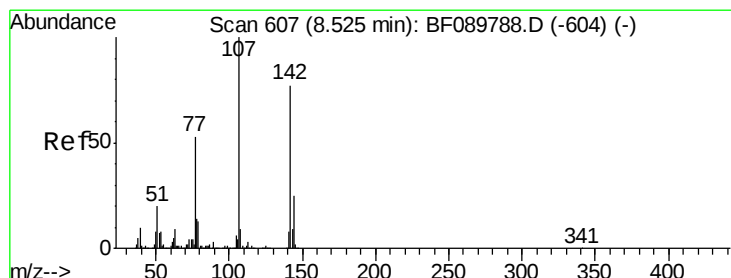
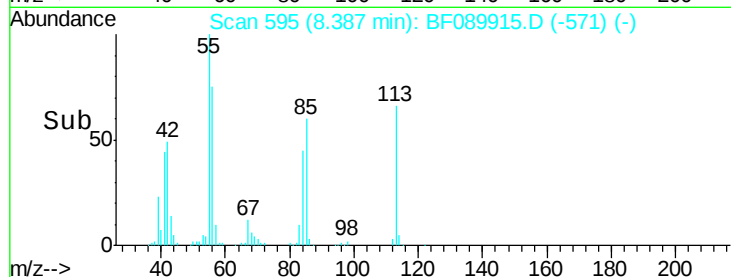
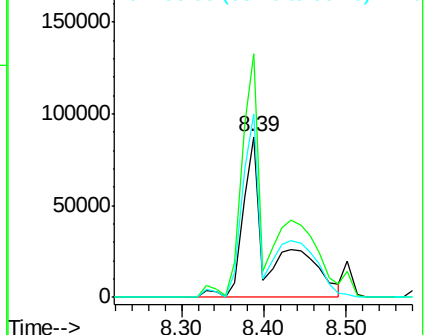
56 113.5 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.82 ng/ml

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

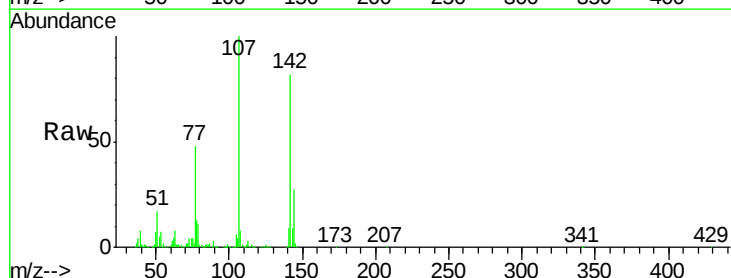
Tgt Ion:107 Resp: 679175

Ion Ratio Lower Upper

107 100

144 26.8 22.6 34.0

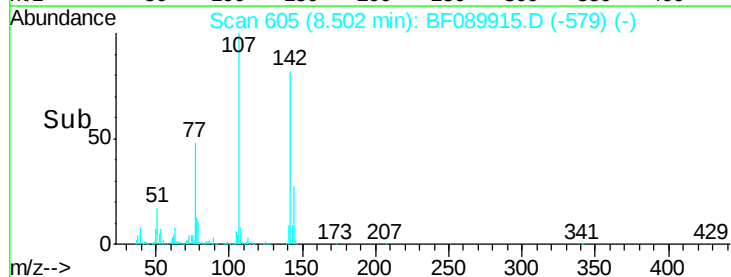
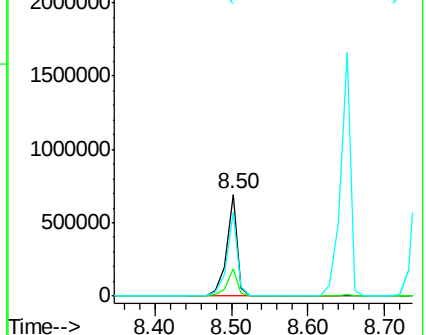
142 82.3 69.3 103.9

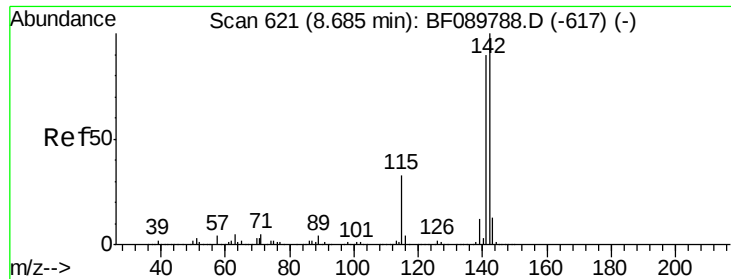


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

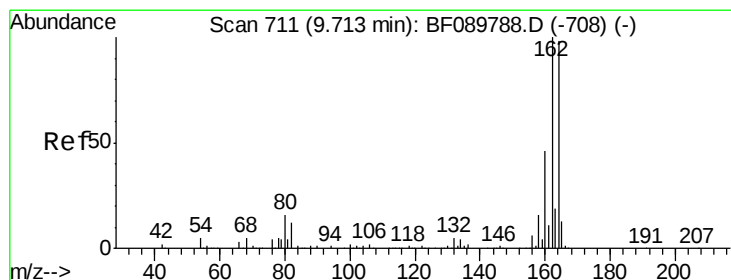
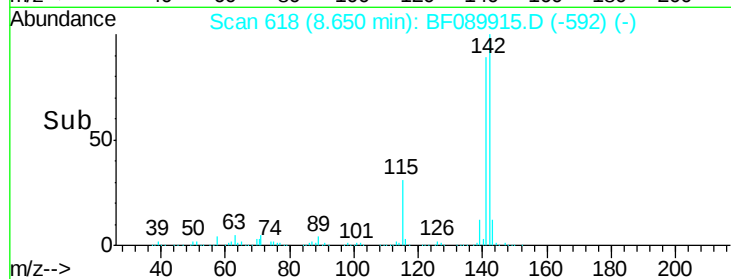
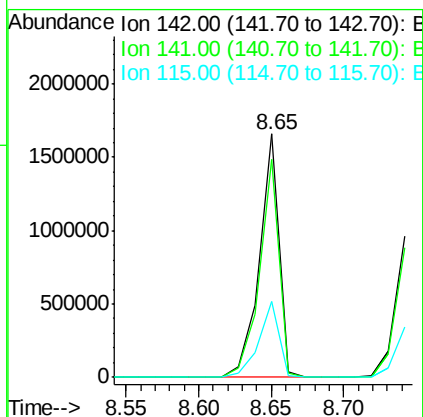
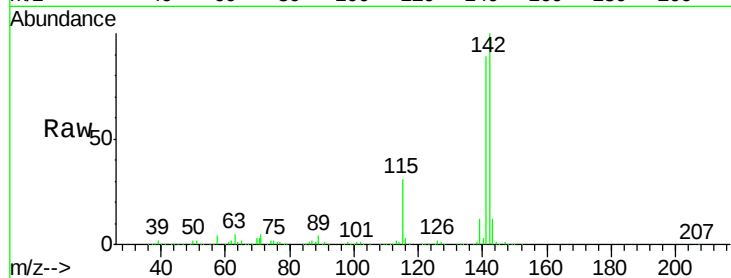




#37
 2-Methylnaphthalene
 Concen: 38.80 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

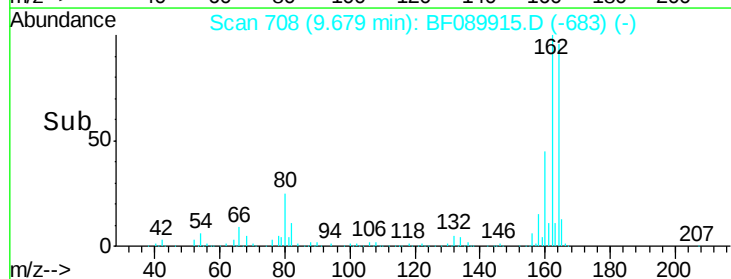
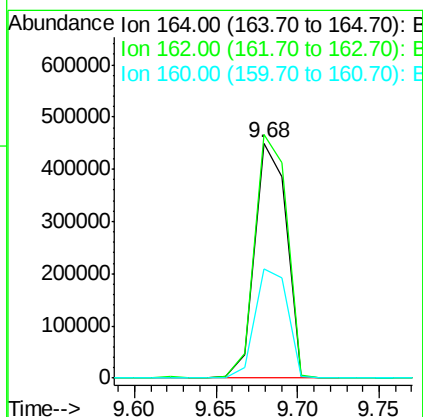
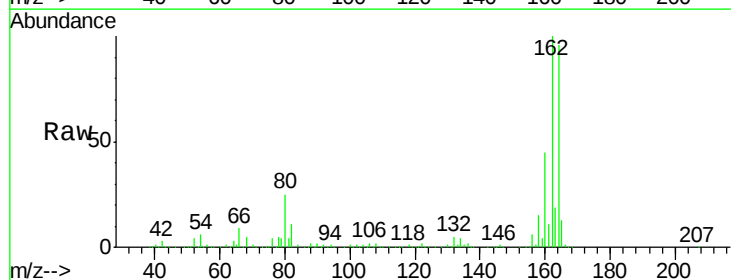
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

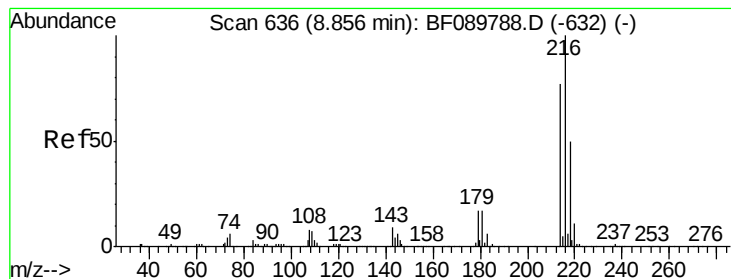
Tot Ion:142 Resp: 1550823
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 31.4 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion:164 Resp: 607334
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.2
 160 46.7 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.65 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

Tot Ion:216 Resp: 543688

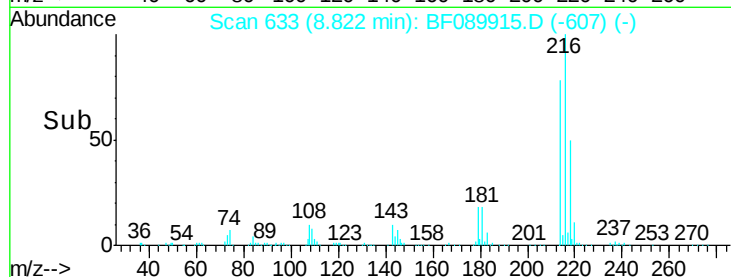
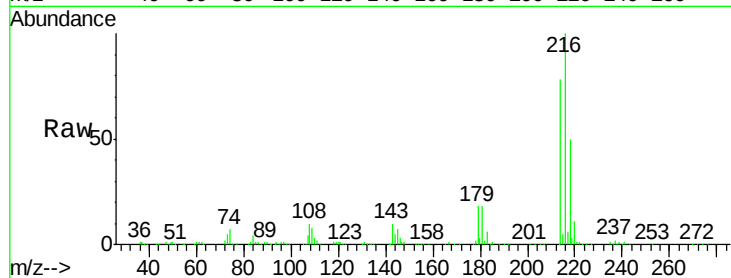
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.9 19.9 29.9

108 20.4 19.9 29.9

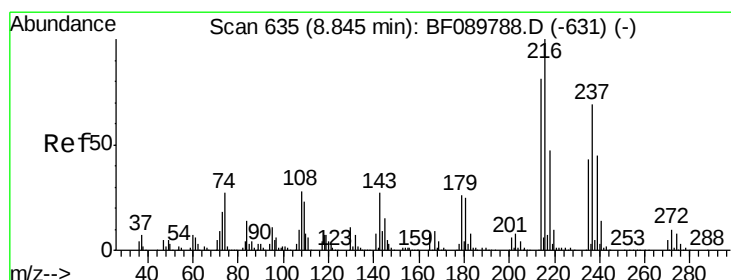
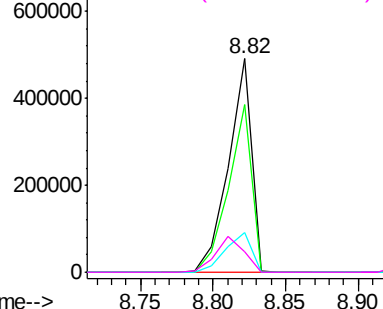


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.61 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

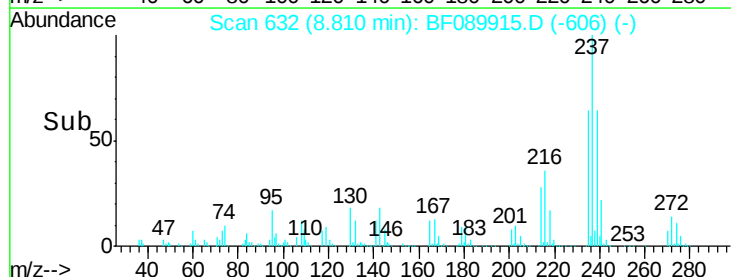
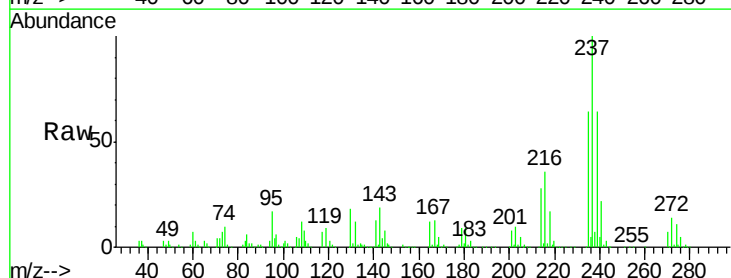
Tgt Ion:237 Resp: 680171

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

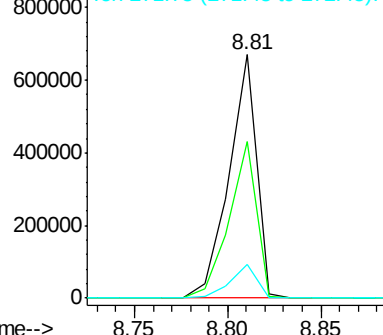
272 14.0 0.0 31.6

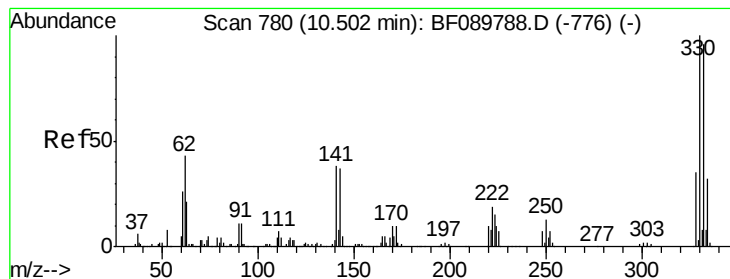


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 100.65 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

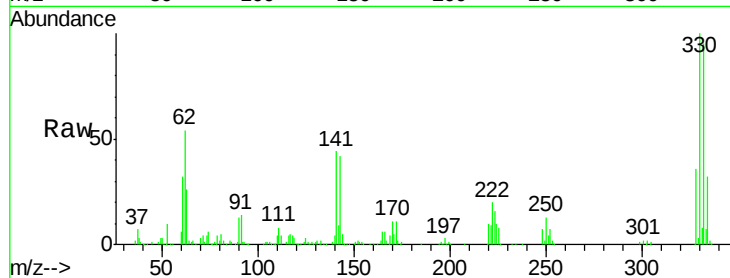
Tot Ion:330 Resp: 580914

Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

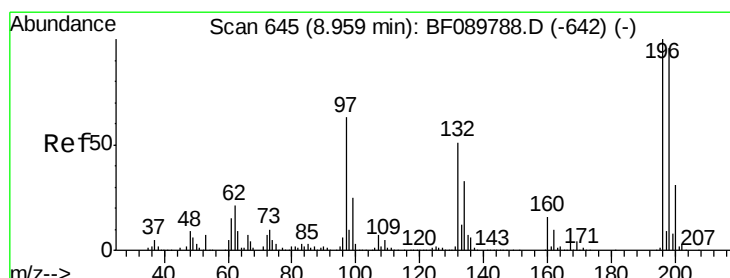
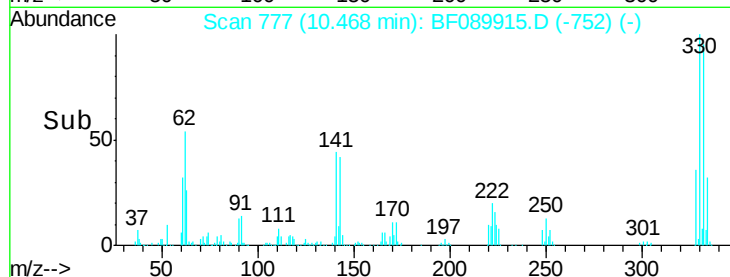
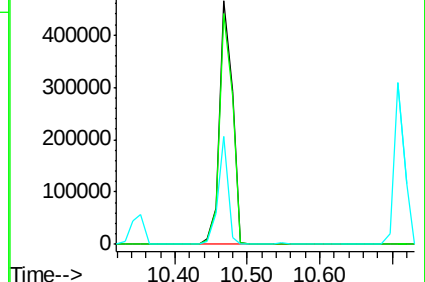
141 34.0 30.2 45.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.39 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

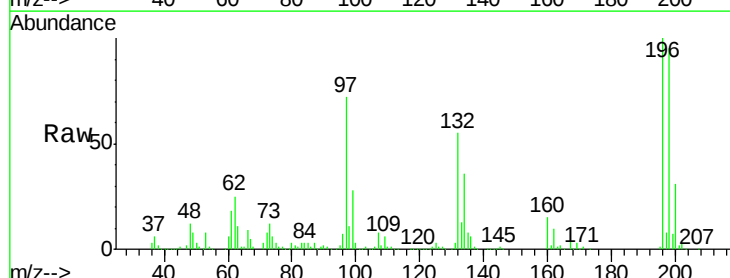
Tgt Ion:196 Resp: 462662

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

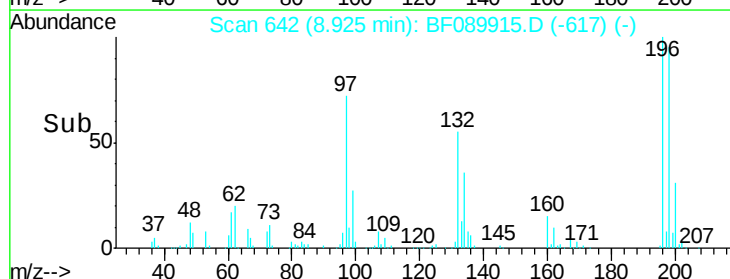
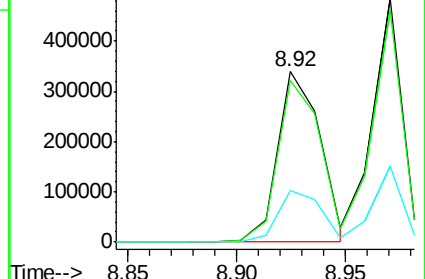
200 30.6 24.6 36.8

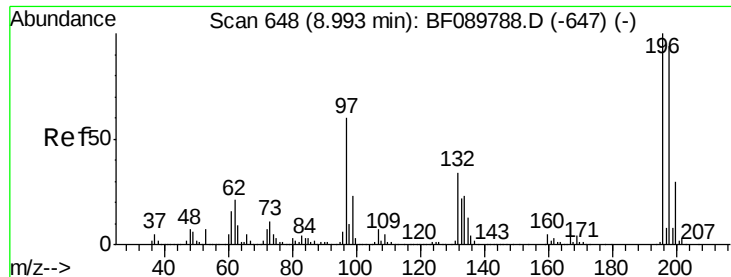


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

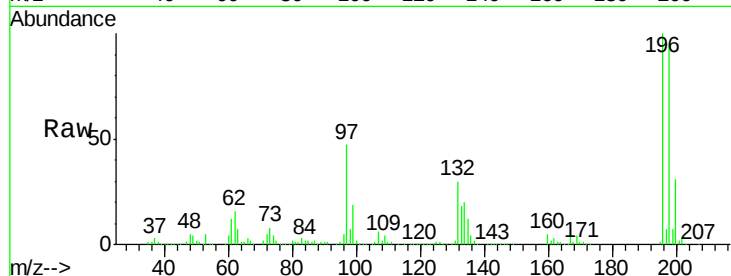




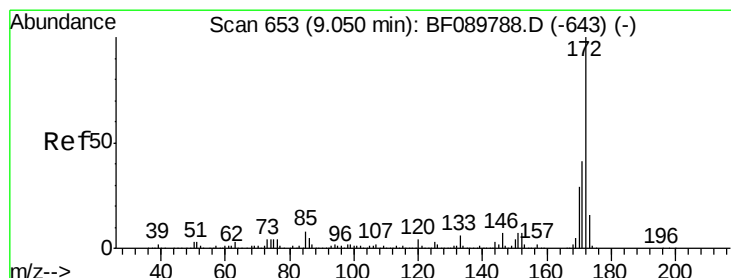
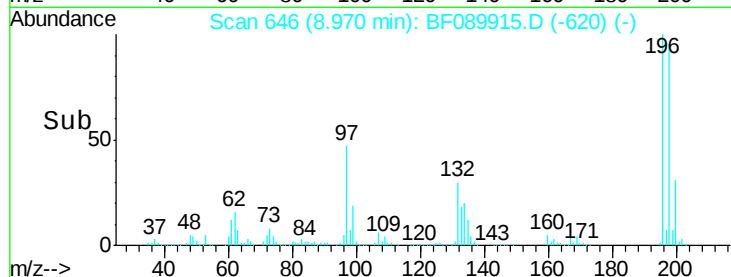
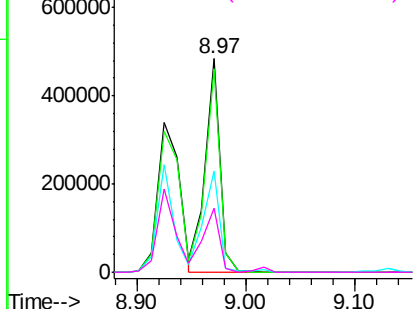
#43
 2,4,5-Trichlorophenol
 Concen: 37.56 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

Tot Ion:196 Resp: 462154
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 114.8
 97 47.4 35.8 53.8
 132 29.9 23.5 35.3

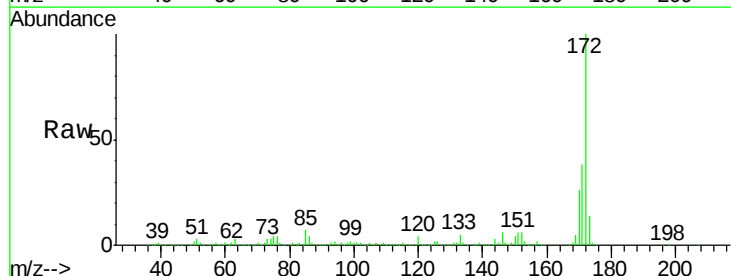


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

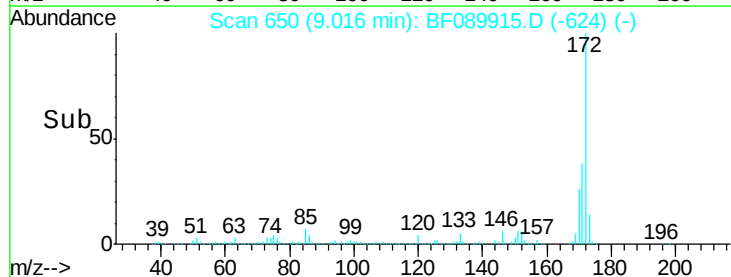
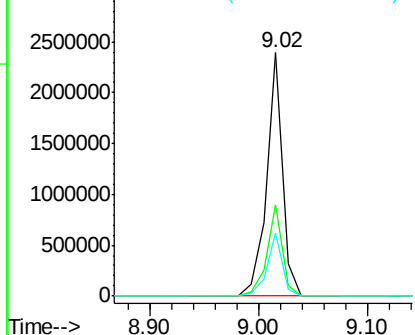


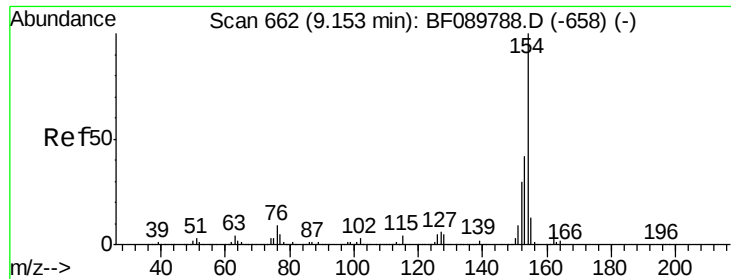
#44
 2-Fluorobiphenyl
 Concen: 70.52 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion:172 Resp: 2437009
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.5 45.7
 170 26.0 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.62 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

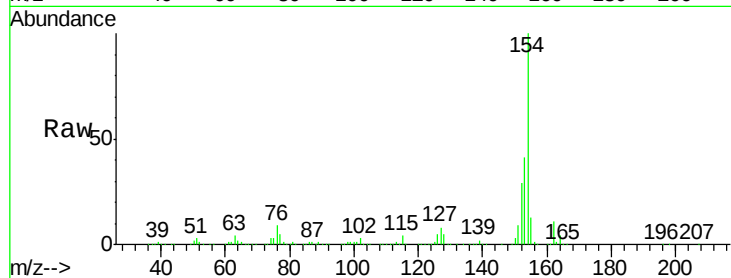
BNA_F

ClientSampleId :

PB93122BS

Tot Ion:154 Resp: 1673956

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.5	61.5
76	9.1	0.0	36.7

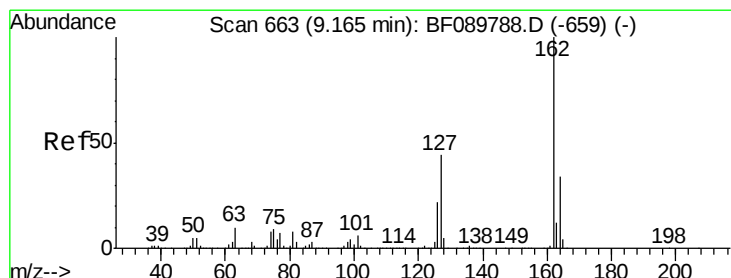
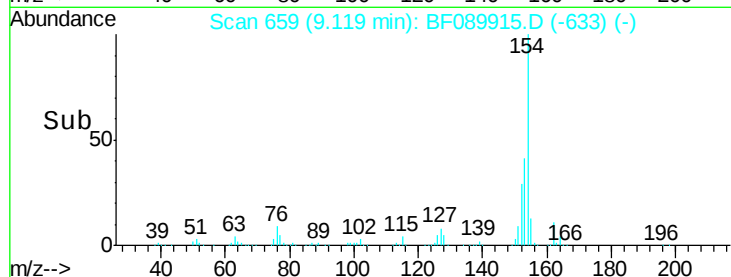


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.15 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:162 Resp: 1343194

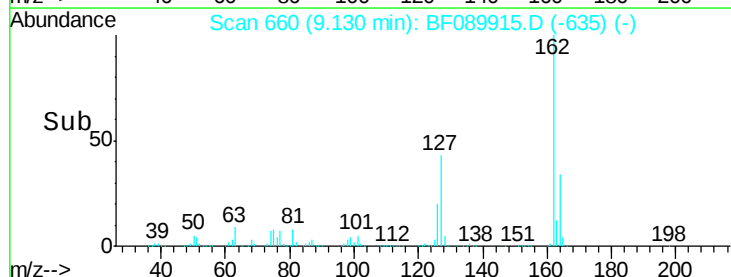
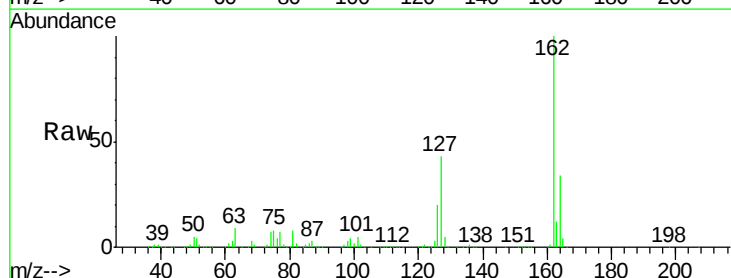
Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.5	53.3
164	33.8	26.6	40.0

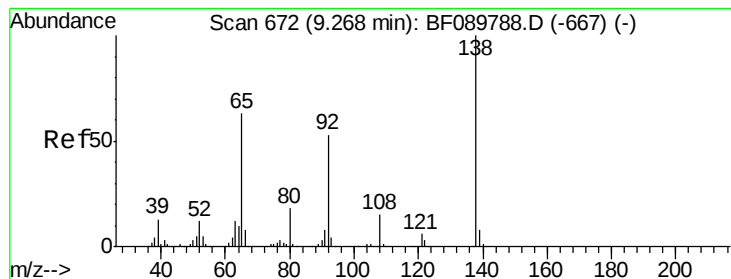
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.44 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

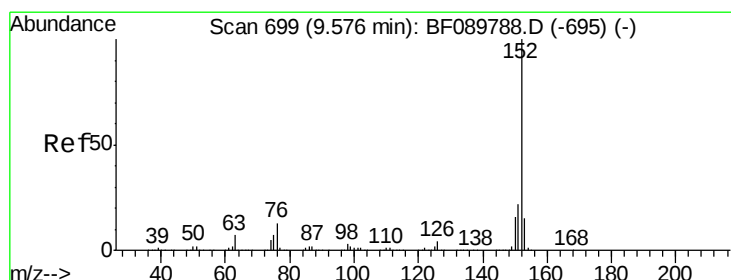
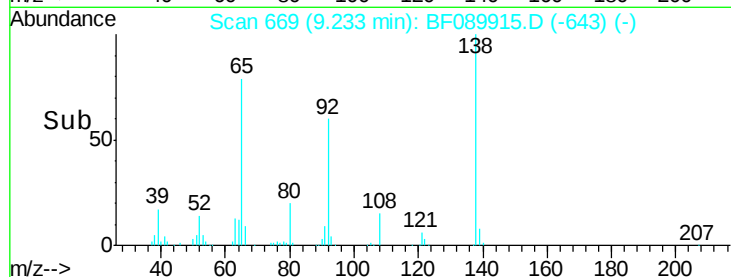
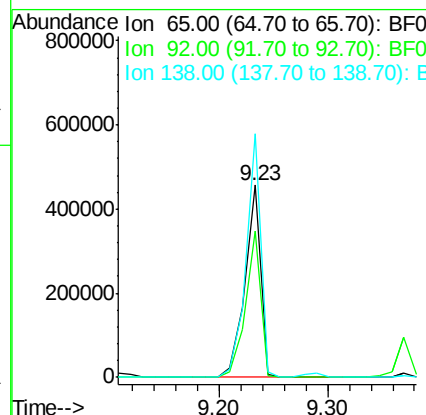
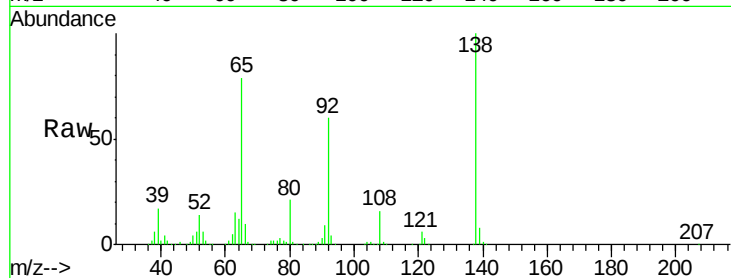
Tot Ion: 65 Resp: 449762

Ion Ratio Lower Upper

65 100

92 76.4 56.3 84.5

138 126.6 81.8 122.8#



#48

Acenaphthylene

Concen: 37.24 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

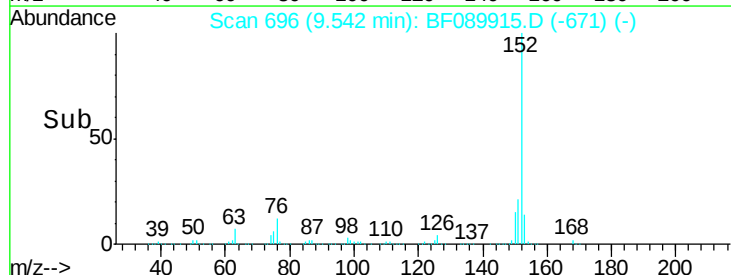
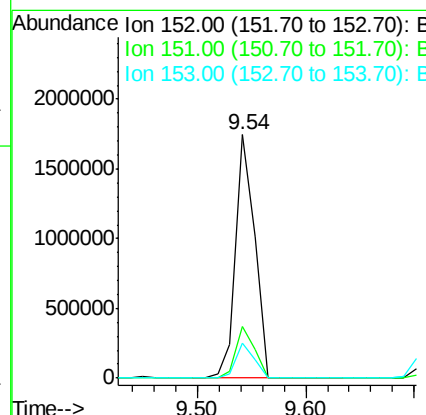
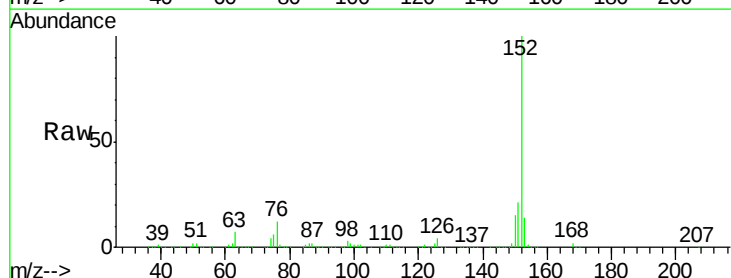
Tgt Ion: 152 Resp: 2078997

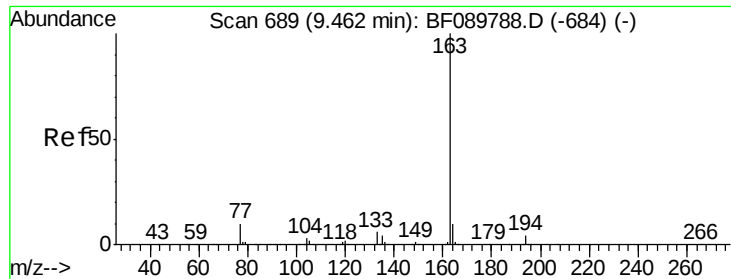
Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

153 14.3 11.2 16.8

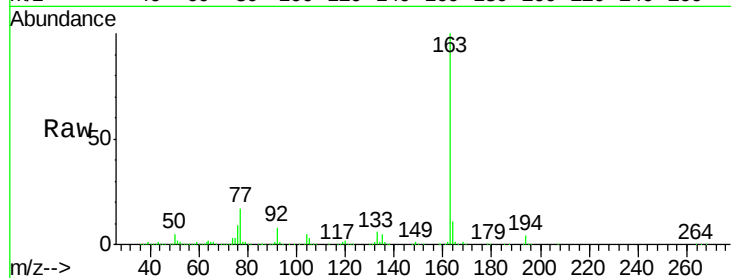




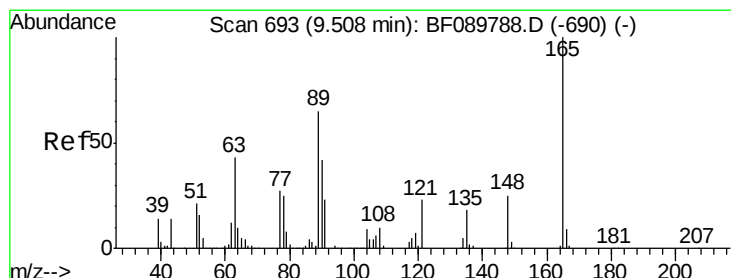
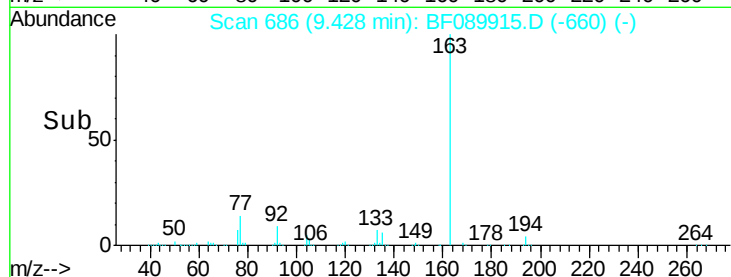
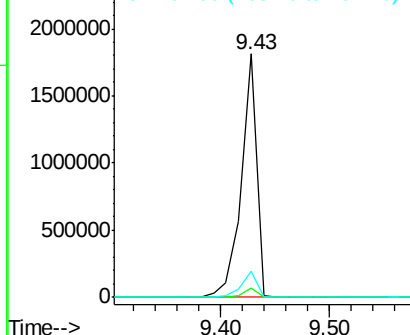
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB93122BS

Tot Ion:163 Resp: 1740118
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.6 8.6 12.8

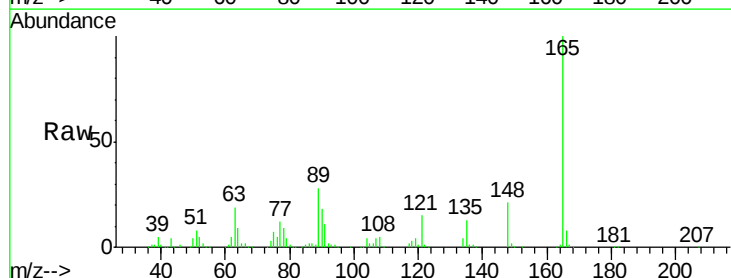


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

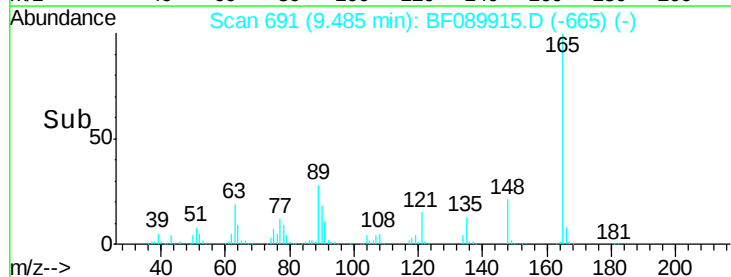
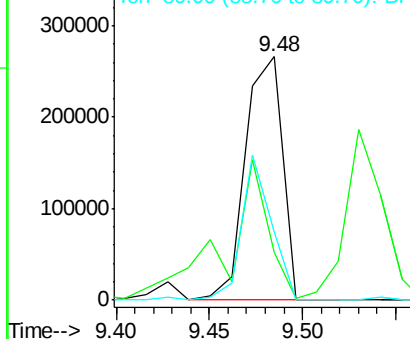


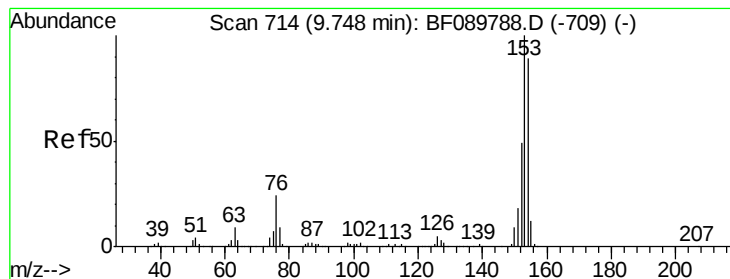
#50
2,6-Dinitrotoluene
Concen: 36.87 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion:165 Resp: 364035
Ion Ratio Lower Upper
165 100
63 19.4 41.7 62.5#
89 27.9 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.49 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

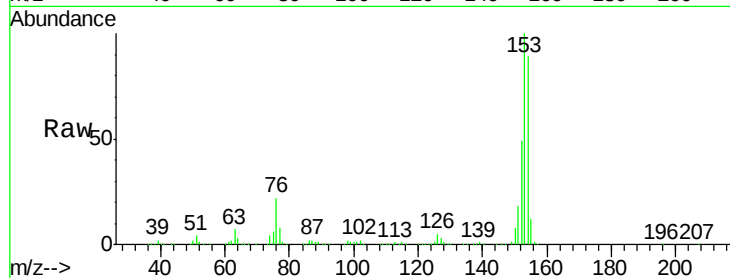
Tot Ion:154 Resp: 1495869

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

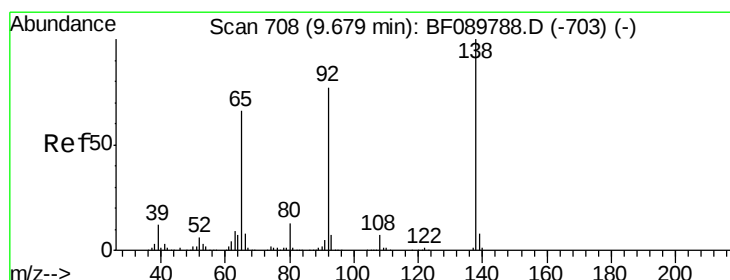
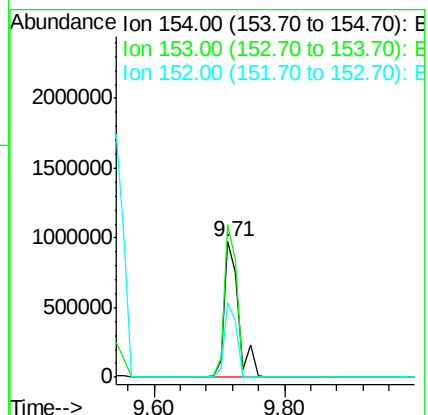
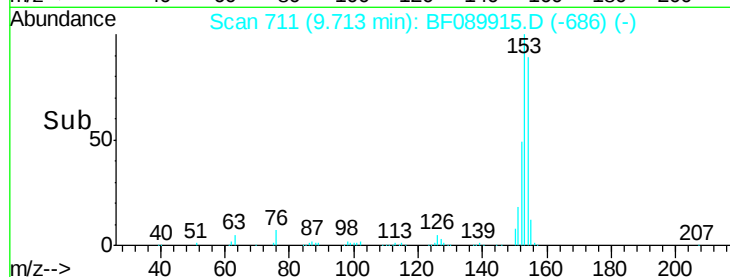
152 54.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.30 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

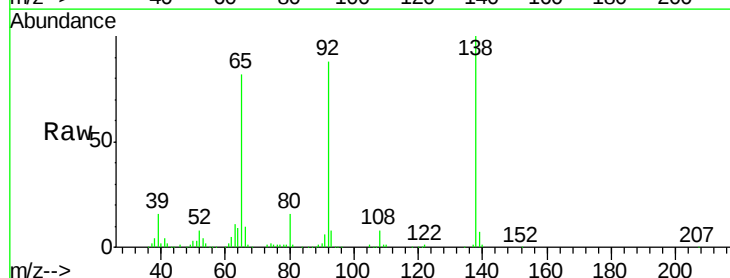
Tgt Ion:138 Resp: 331420

Ion Ratio Lower Upper

138 100

108 8.1 8.1 12.1#

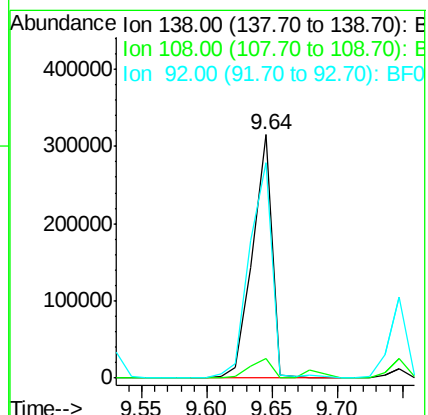
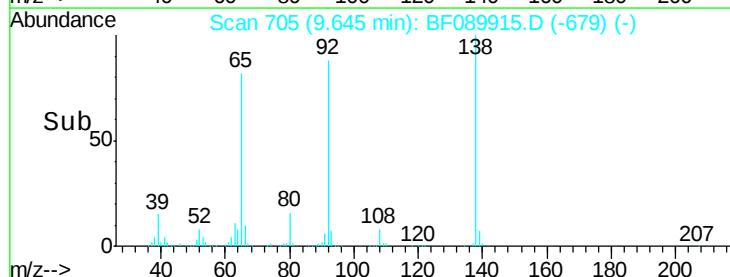
92 88.4 92.7 139.1#

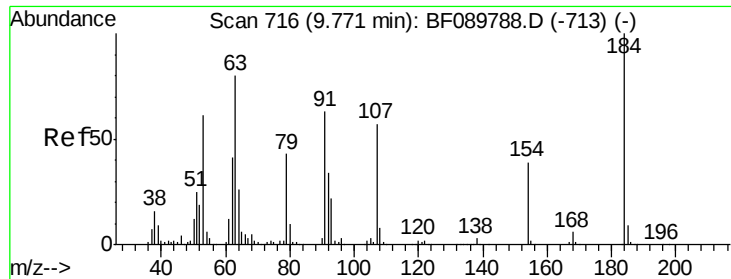


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

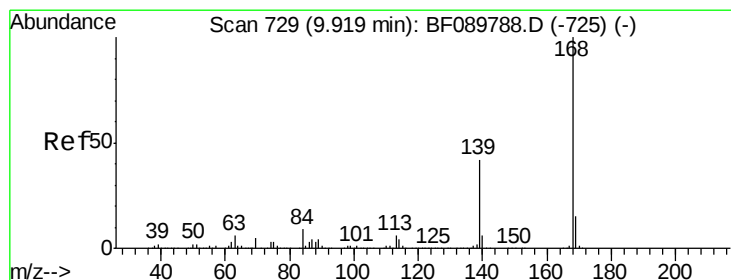
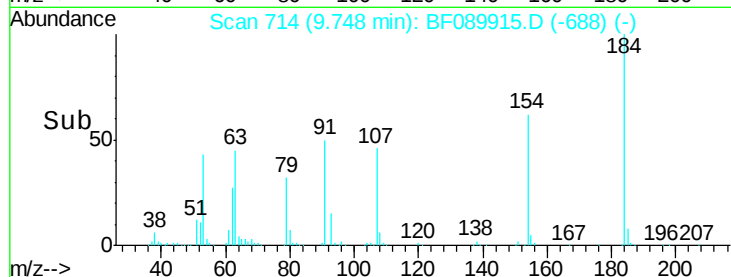
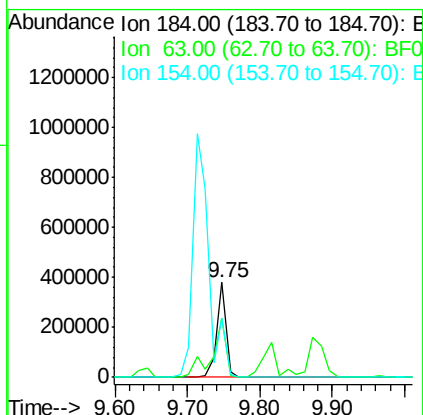
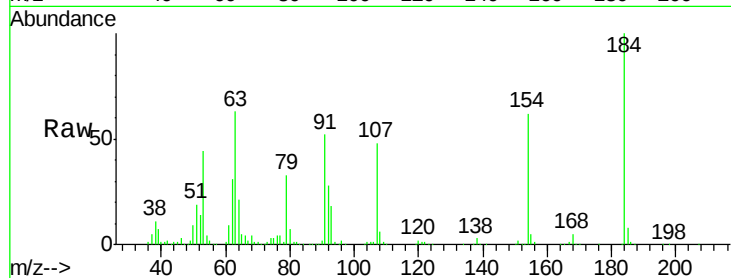




#53
 2,4-Dinitrophenol
 Concen: 64.73 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

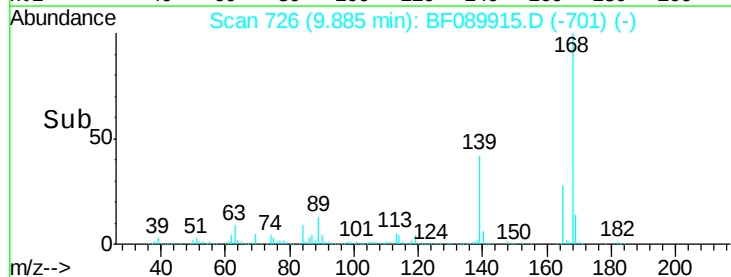
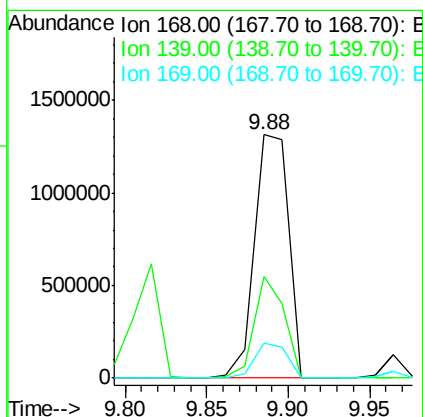
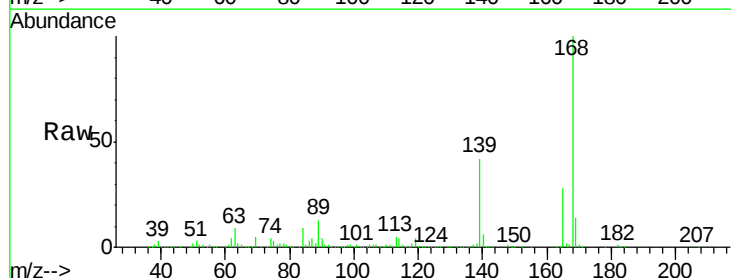
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

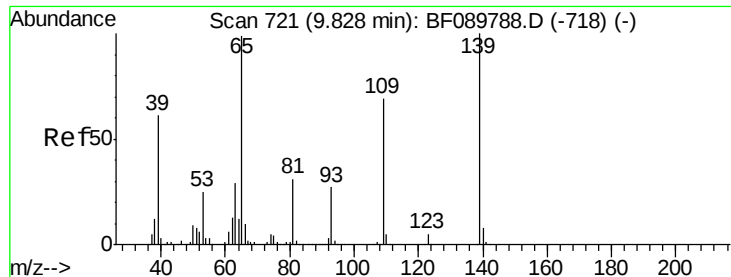
Tot Ion:184 Resp: 344465
 Ion Ratio Lower Upper
 184 100
 63 62.9 54.2 81.4
 154 62.2 52.7 79.1



#54
 Dibenzofuran
 Concen: 41.10 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion:168 Resp: 1907383
 Ion Ratio Lower Upper
 168 100
 139 41.5 34.6 52.0
 169 14.2 11.5 17.3

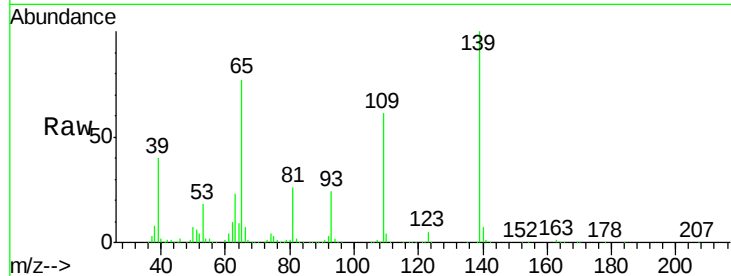




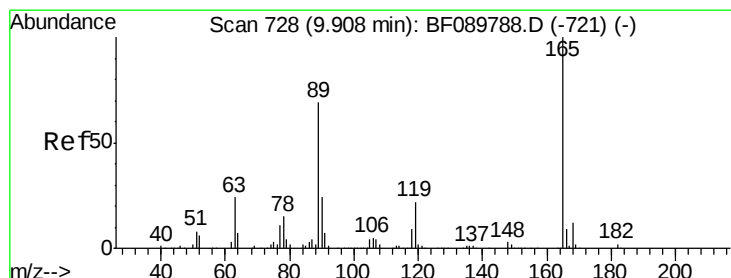
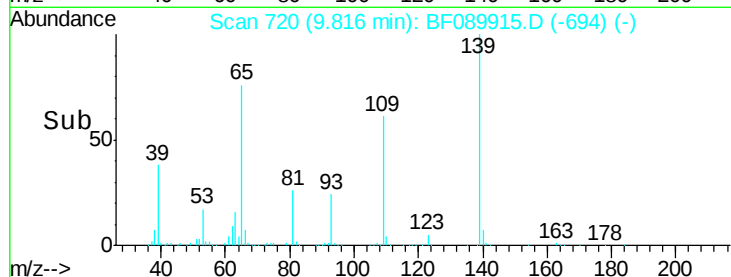
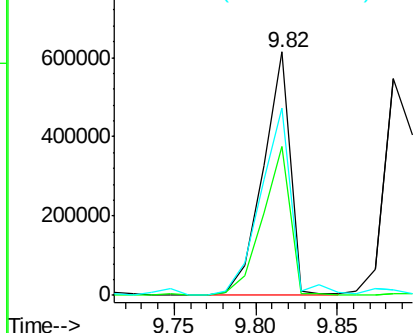
#55
4-Nitrophenol
Concen: 80.01 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB93122BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.0	43.0	83.0
65	76.8	55.7	95.7



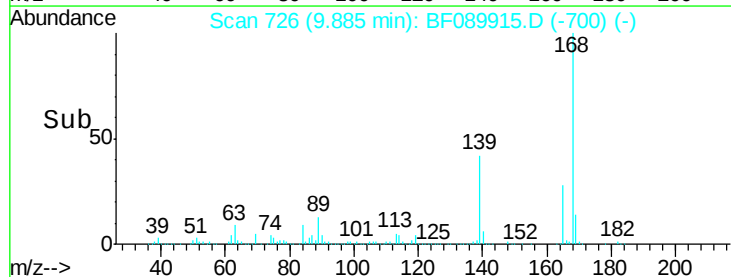
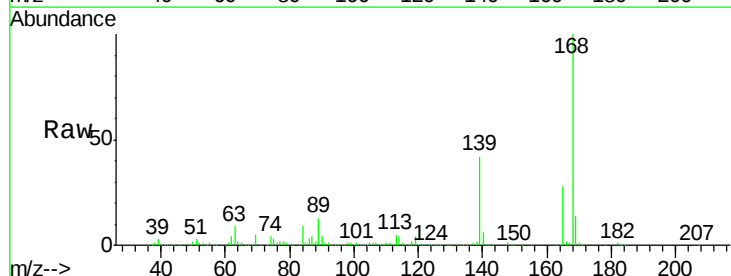
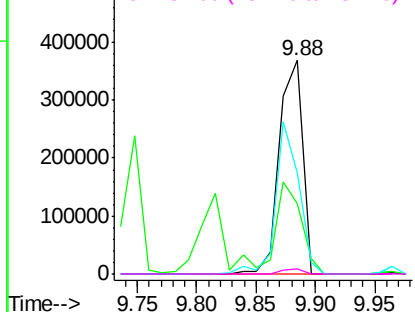
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

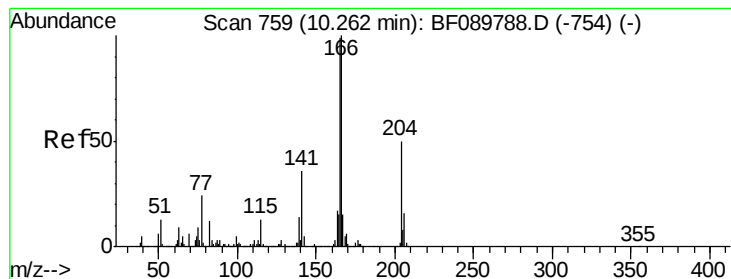


#56
2,4-Dinitrotoluene
Concen: 38.87 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.3	23.7	35.5
89	47.4	44.0	66.0
182	2.4	2.0	3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.22 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

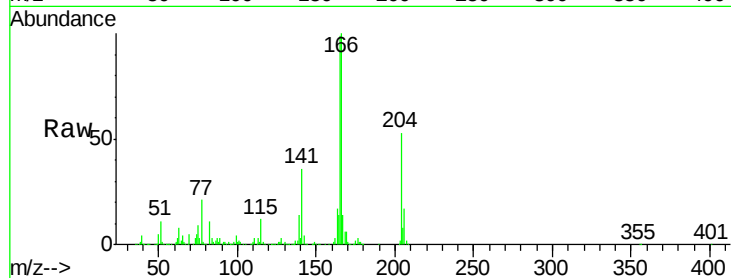
Tot Ion:166 Resp: 1228413

Ion Ratio Lower Upper

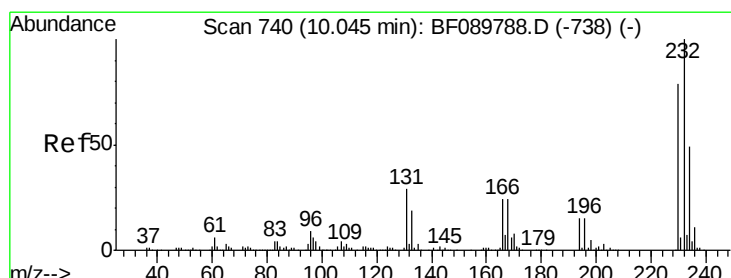
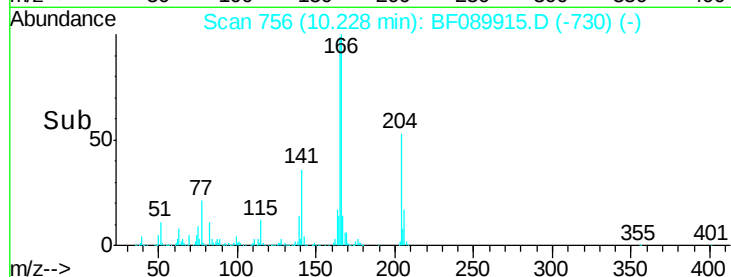
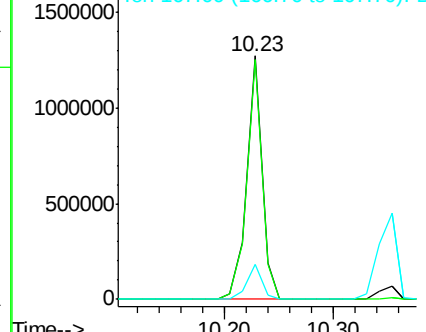
166 100

165 98.5 80.2 120.4

167 14.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.39 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:232 Resp: 397530

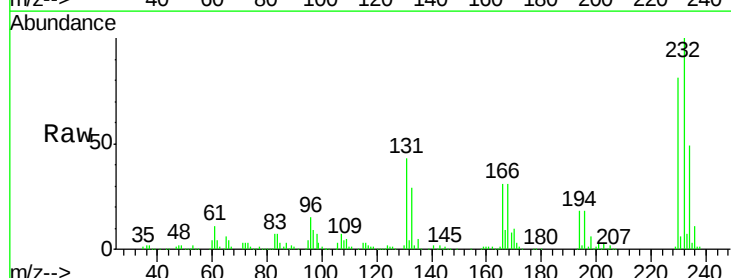
Ion Ratio Lower Upper

232 100

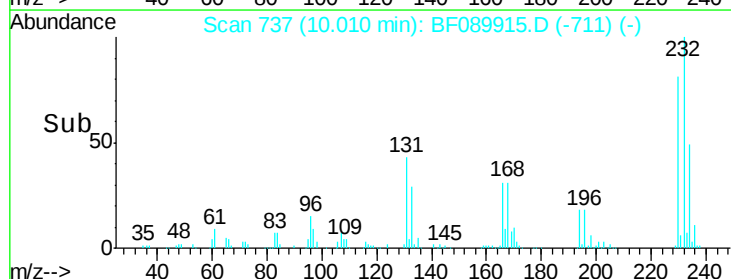
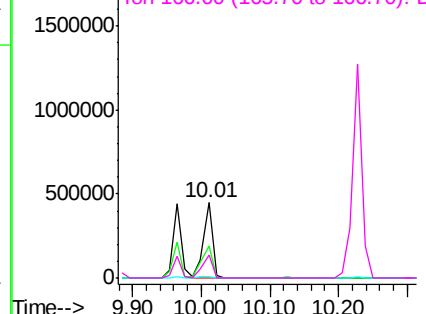
131 50.2 42.5 63.7

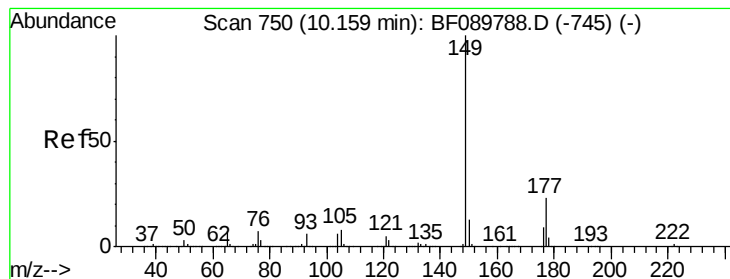
130 2.3 2.2 3.4

166 33.5 27.3 40.9



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.18 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

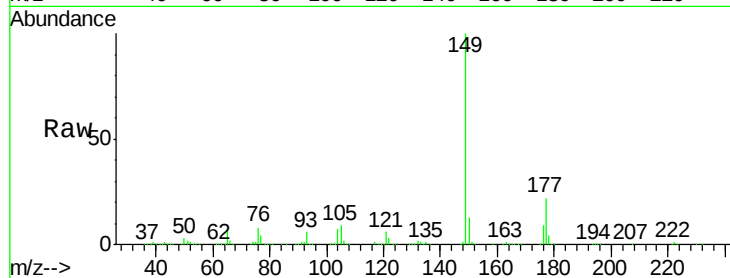
Tot Ion:149 Resp: 1701855

Ion Ratio Lower Upper

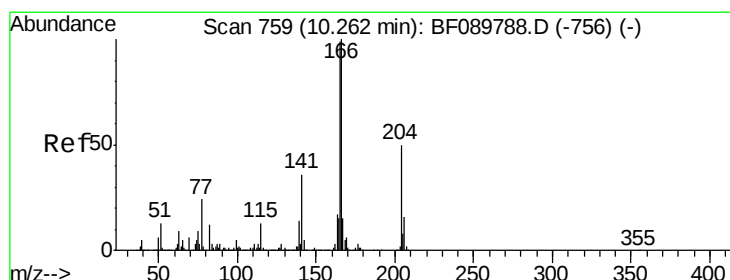
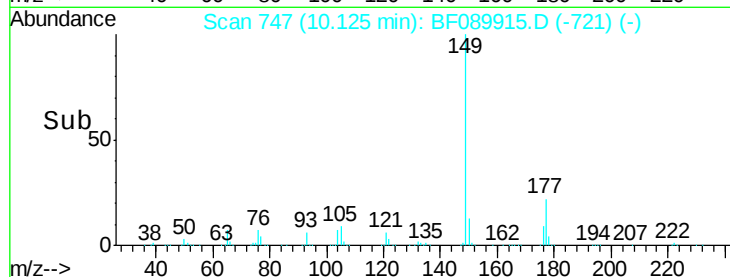
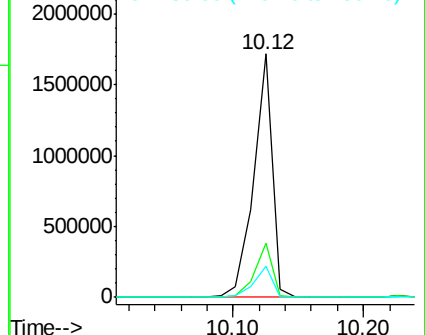
149 100

177 22.5 16.6 25.0

150 12.8 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.91 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

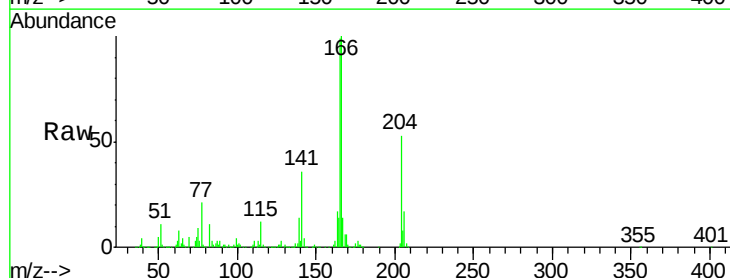
Tgt Ion:204 Resp: 572159

Ion Ratio Lower Upper

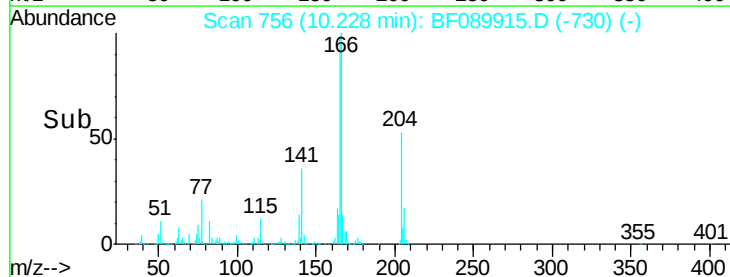
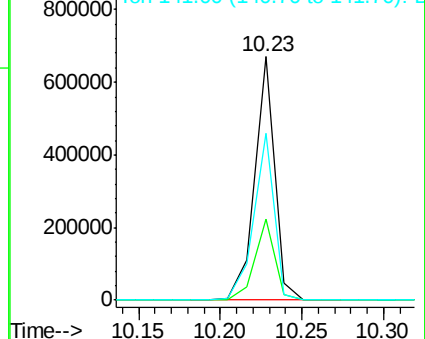
204 100

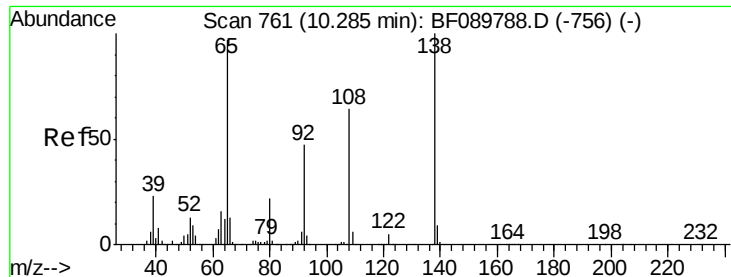
206 33.1 26.5 39.7

141 68.5 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.36 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

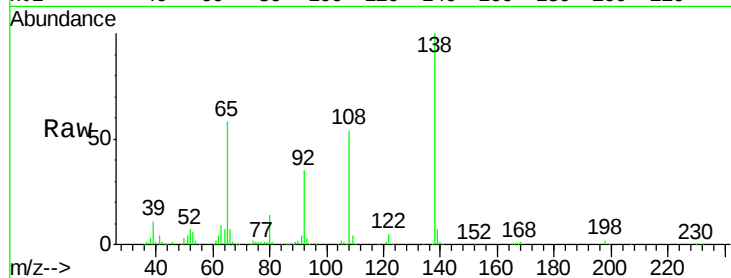
Tot Ion:138 Resp: 444610

Ion Ratio Lower Upper

138 100

92 34.5 26.4 66.4

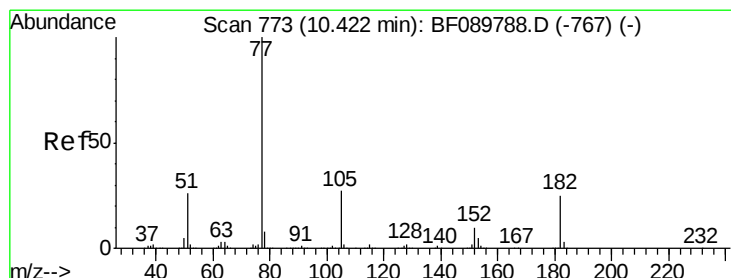
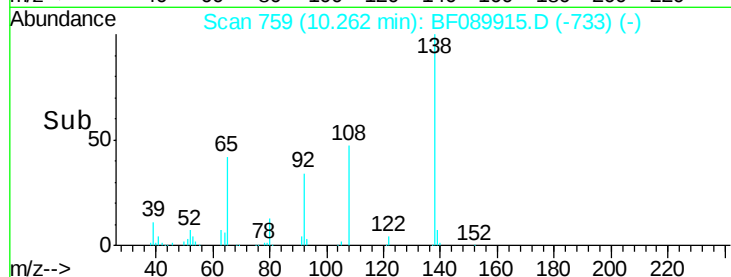
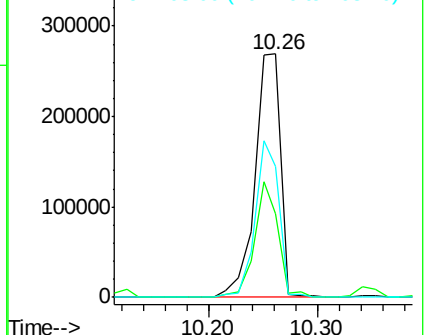
108 53.6 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.93 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion: 77 Resp: 1712305

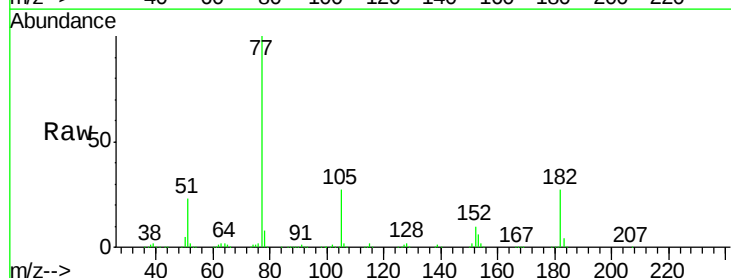
Ion Ratio Lower Upper

77 100

182 26.7 5.6 45.6

105 26.8 4.0 44.0

51 23.2 7.8 47.8

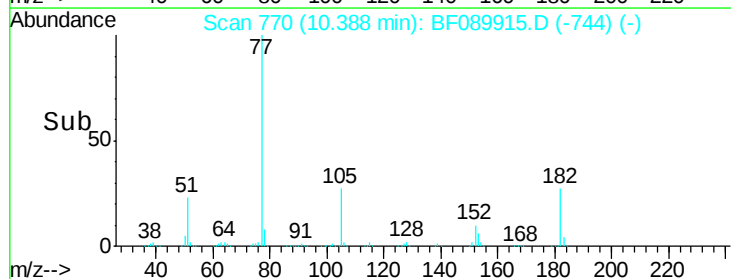
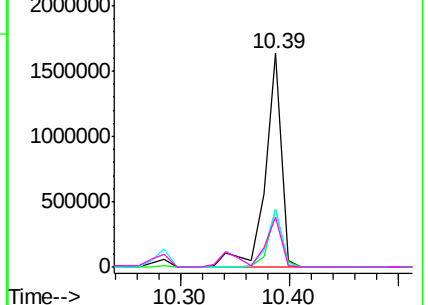


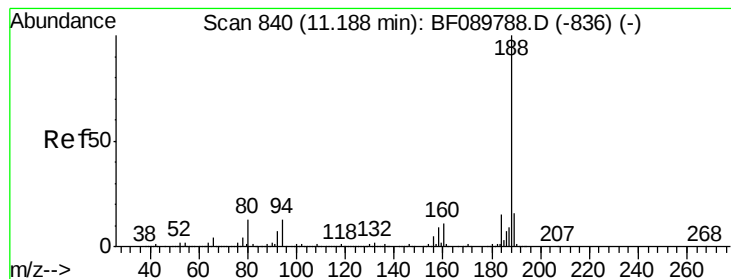
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

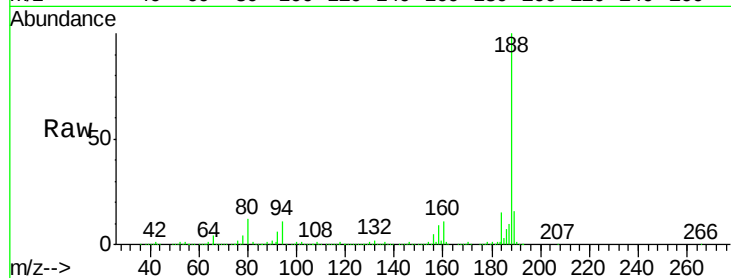
Tot Ion:188 Resp: 1106585

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

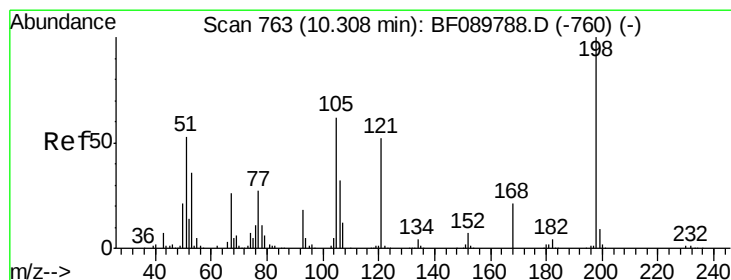
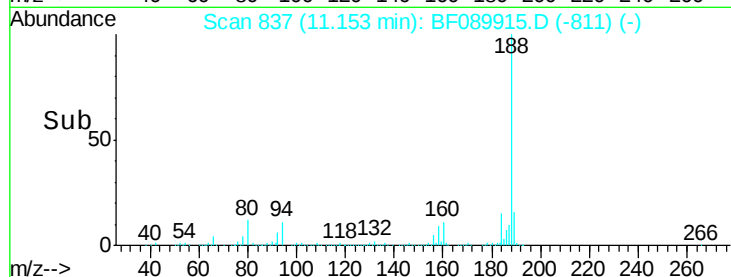
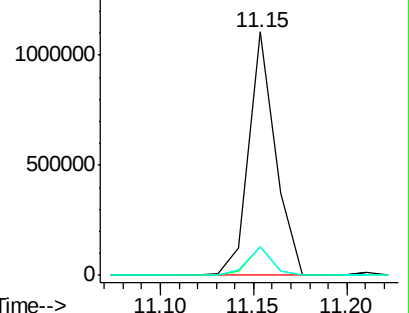
80 11.7 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

1500000 Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.96 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

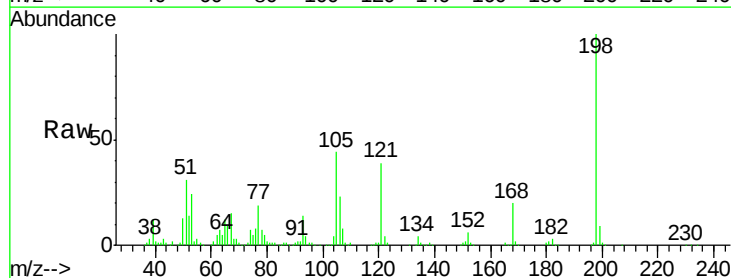
Tgt Ion:198 Resp: 273166

Ion Ratio Lower Upper

198 100

51 30.5 32.3 72.3#

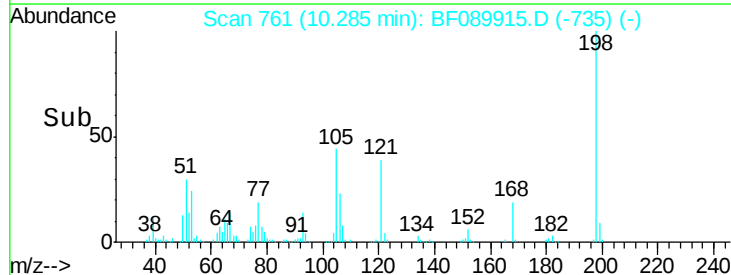
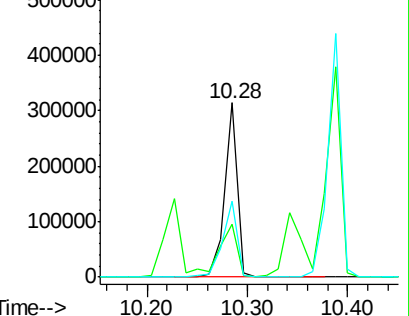
105 43.9 32.9 72.9

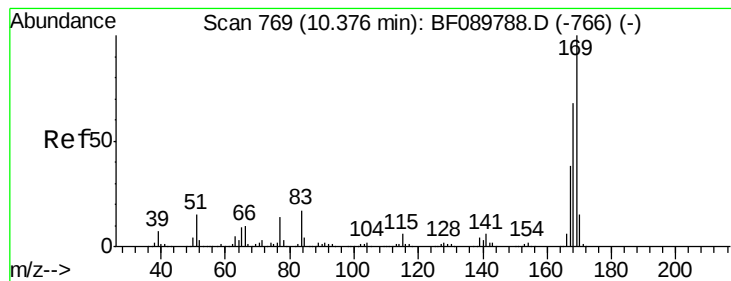


Abundance Ion 198.00 (197.70 to 198.70): E

600000 Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.65 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

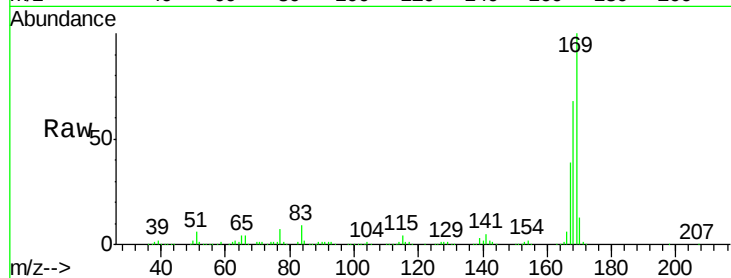
Tot Ion:169 Resp: 1414317

Ion Ratio Lower Upper

169 100

168 68.1 54.6 82.0

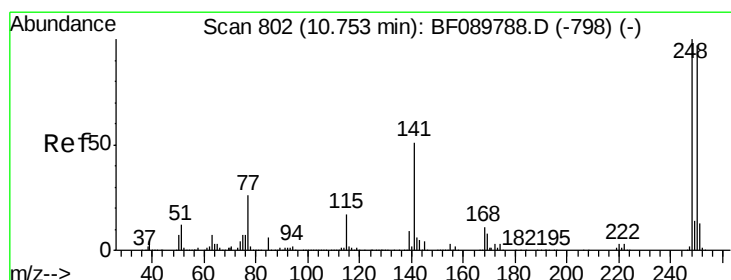
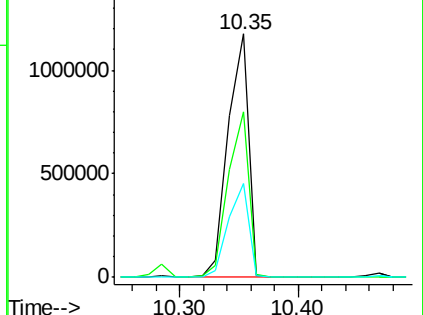
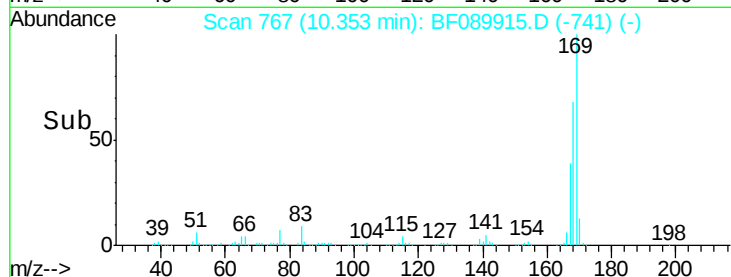
167 38.5 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.98 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

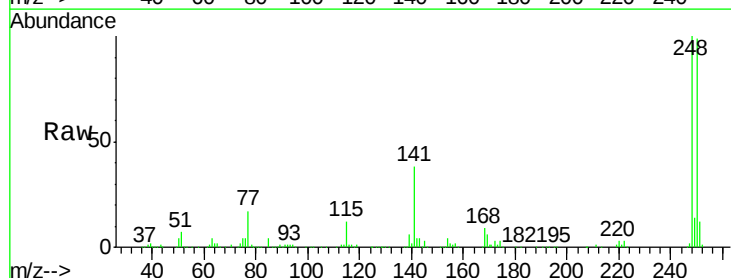
Tgt Ion:248 Resp: 417444

Ion Ratio Lower Upper

248 100

250 99.4 78.6 117.8

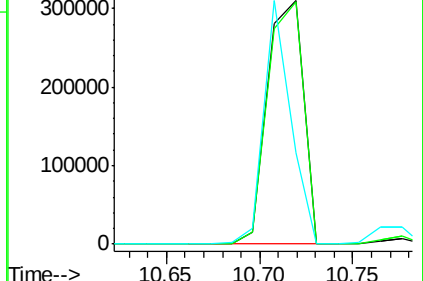
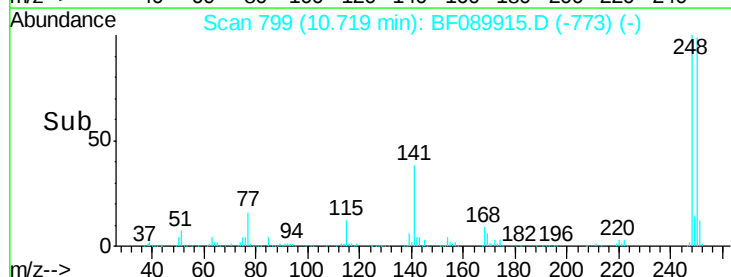
141 37.7 31.4 47.2

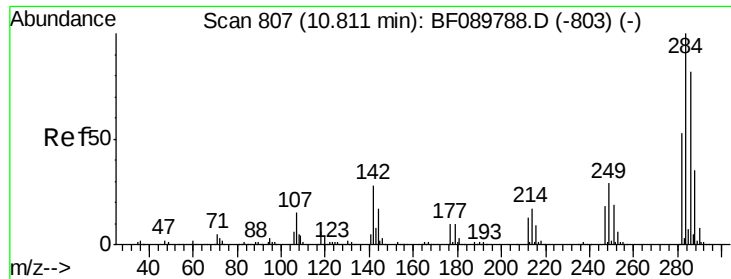


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

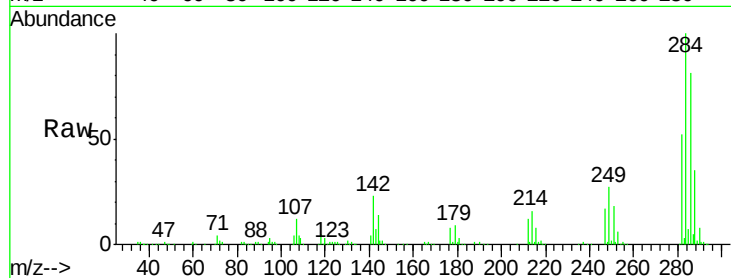




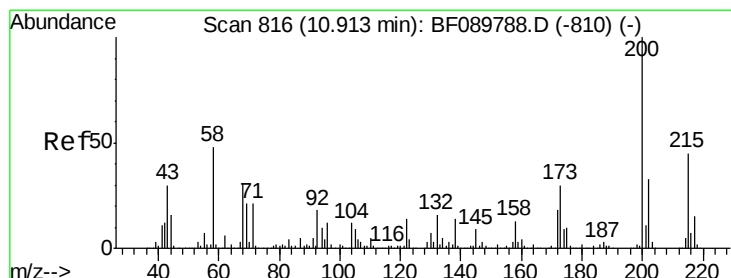
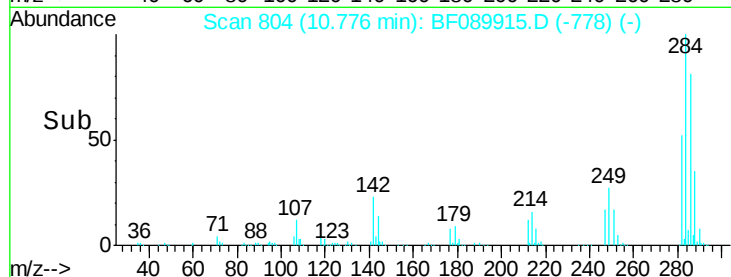
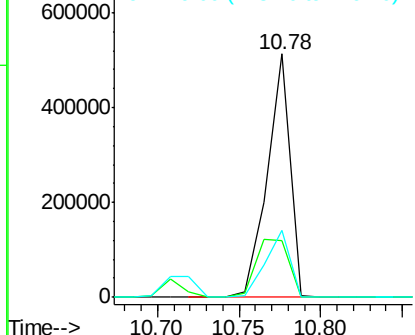
#67
Hexachlorobenzene
Concen: 37.81 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB93122BS

Tot Ion:284 Resp: 500456
Ion Ratio Lower Upper
284 100
142 23.2 17.4 26.2
249 27.3 22.8 34.2

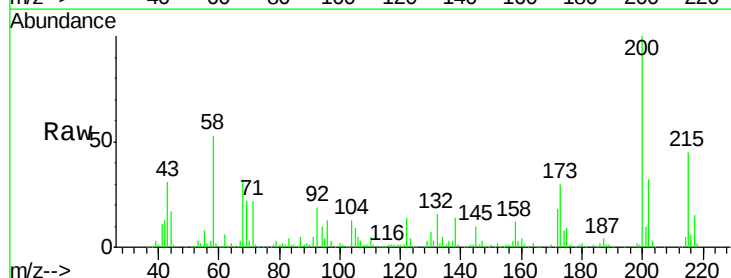


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

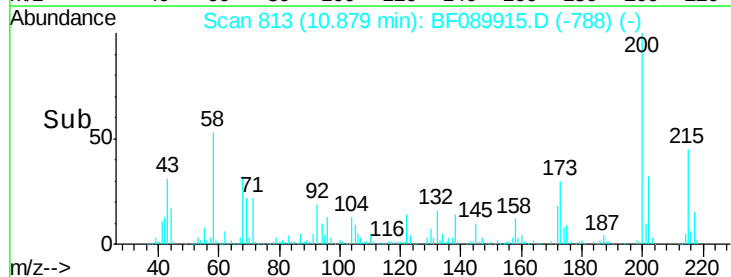
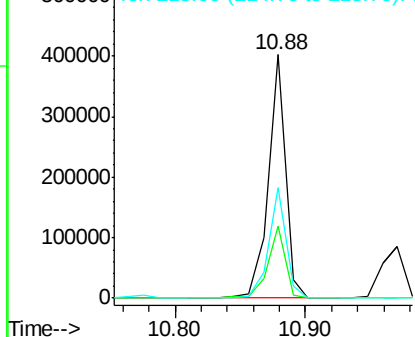


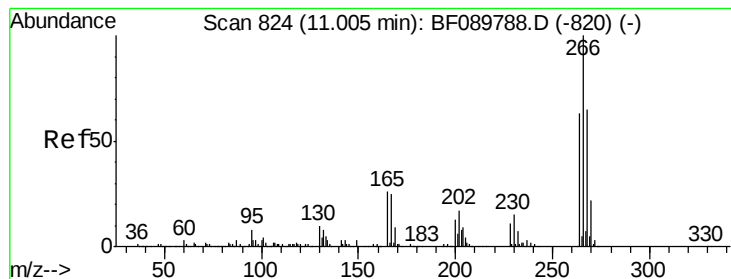
#68
Atrazine
Concen: 34.91 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion:200 Resp: 371975
Ion Ratio Lower Upper
200 100
173 29.7 6.6 46.6
215 45.3 24.7 64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.39 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

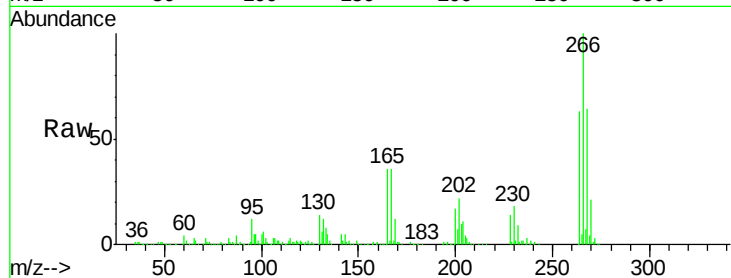
Tot Ion:266 Resp: 550534

Ion Ratio Lower Upper

266 100

268 63.9 53.2 79.8

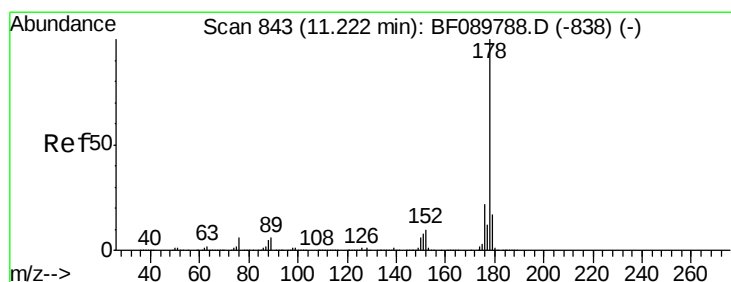
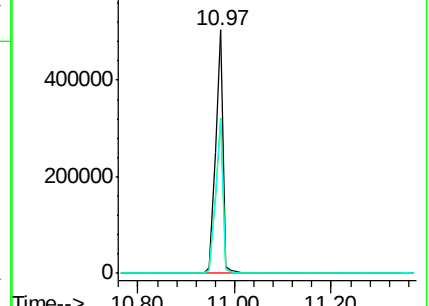
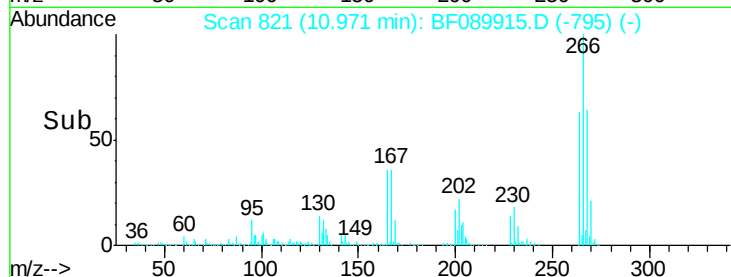
264 63.5 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.19 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

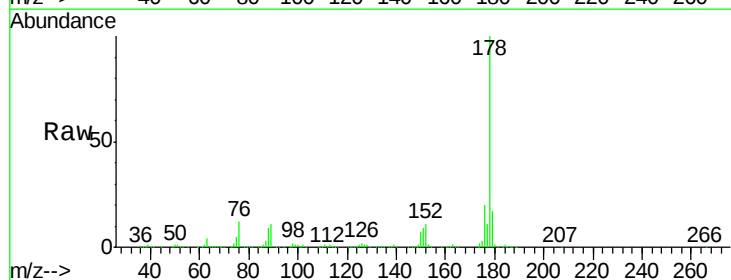
Tgt Ion:178 Resp: 2134564

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

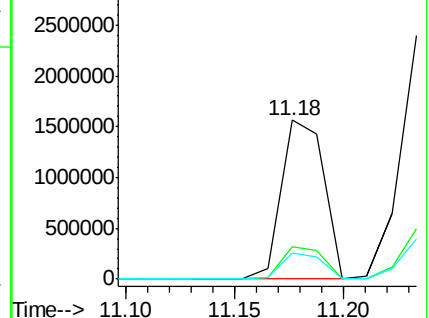
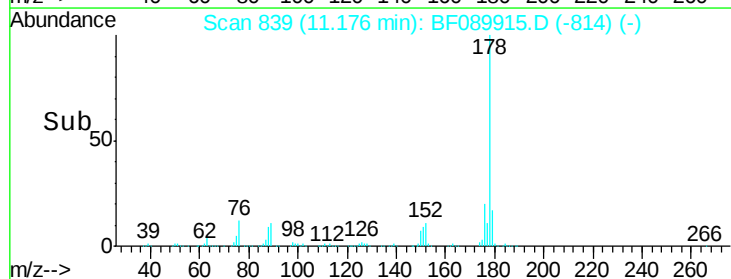
179 16.6 12.5 18.7

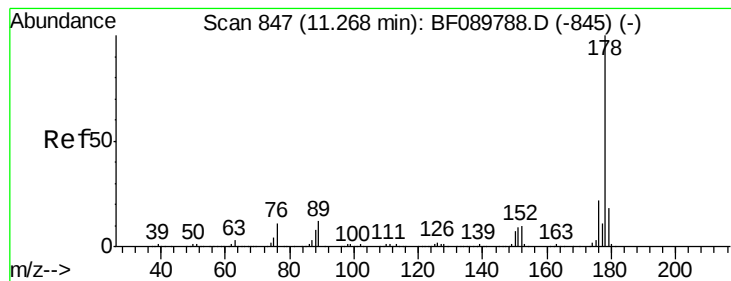


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.33 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

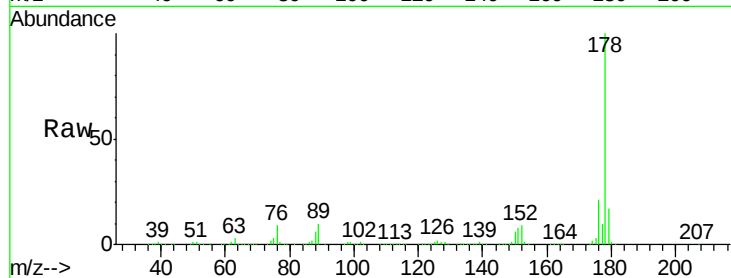
BNA_F

ClientSampleId :

PB93122BS

Tot Ion:178 Resp: 2177891

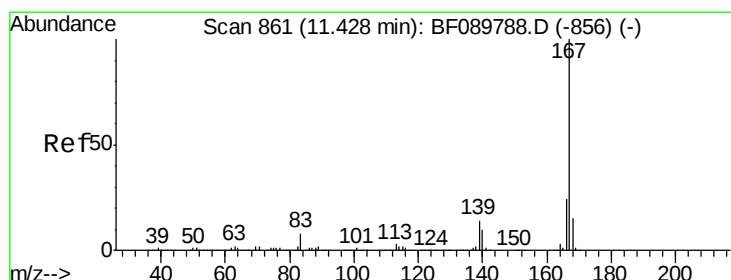
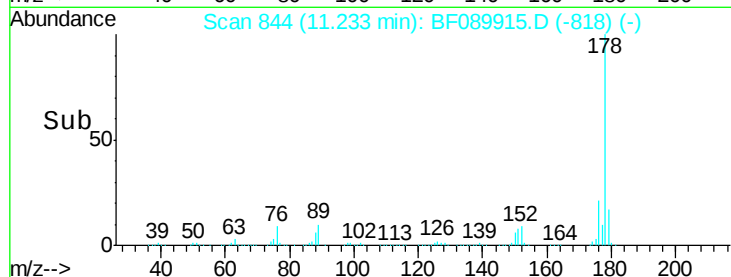
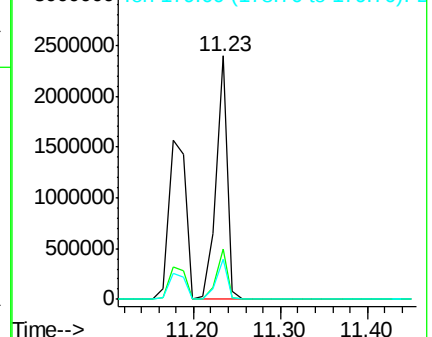
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.4	24.6
179	16.7	13.1	19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.36 ng

RT: 11.39 min Scan# 858

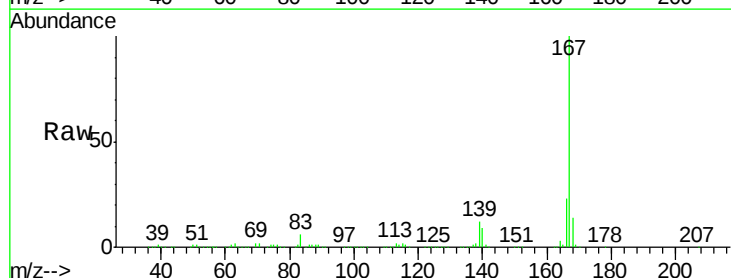
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:167 Resp: 2209364

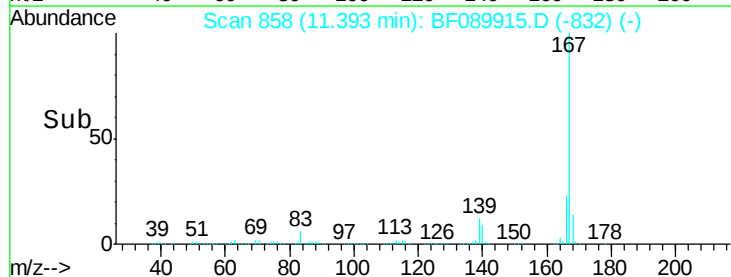
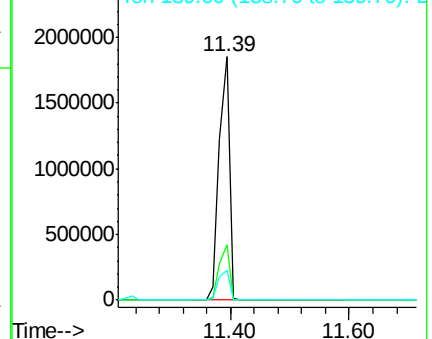
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	12.4	12.4	18.6

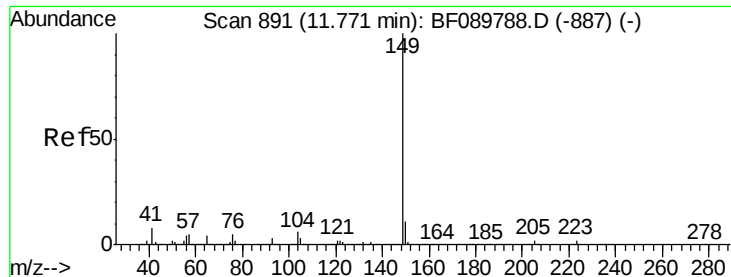


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

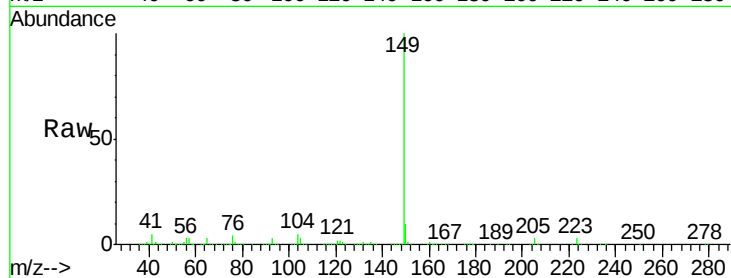
Tot Ion:149 Resp: 2412864

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

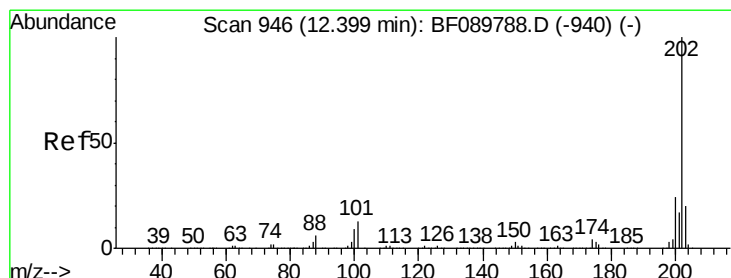
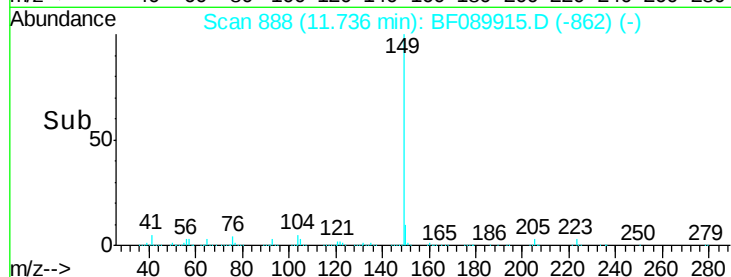
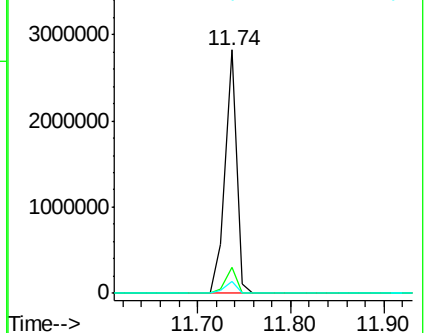
104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.73 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

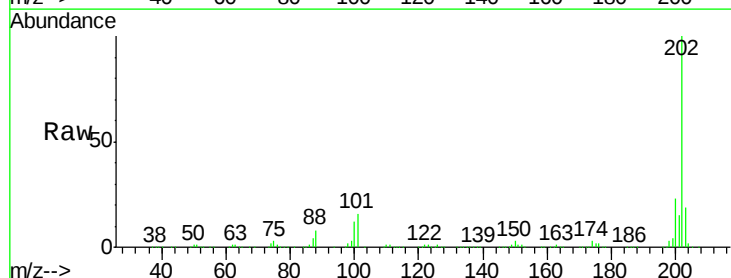
Tgt Ion:202 Resp: 2112326

Ion Ratio Lower Upper

202 100

101 16.5 0.0 31.2

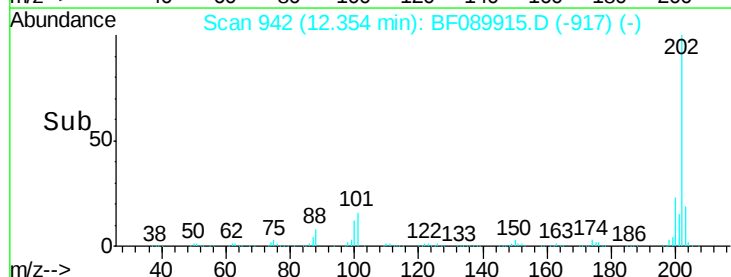
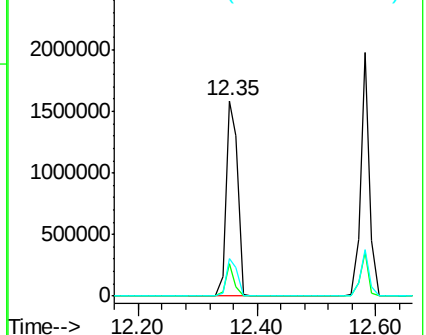
203 18.9 0.0 38.1

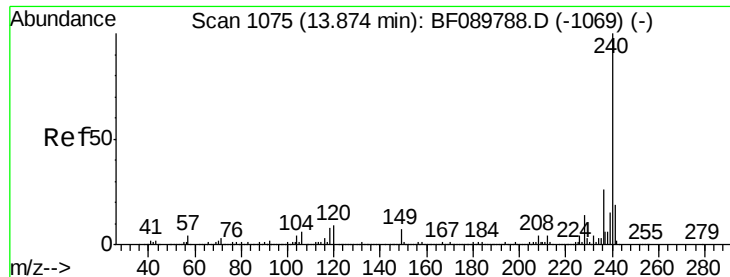


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

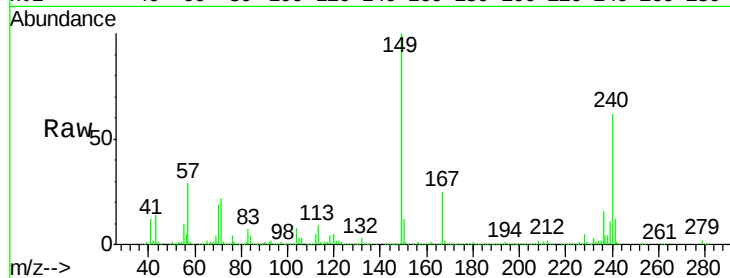
Tot Ion:240 Resp: 800543

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

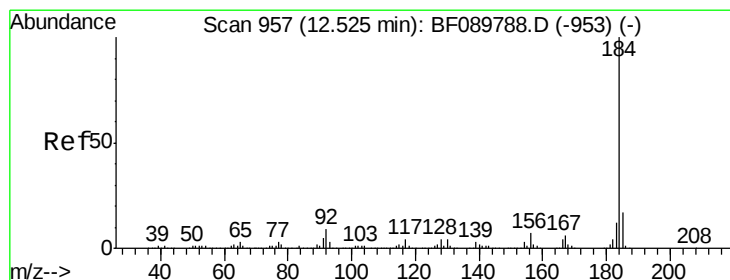
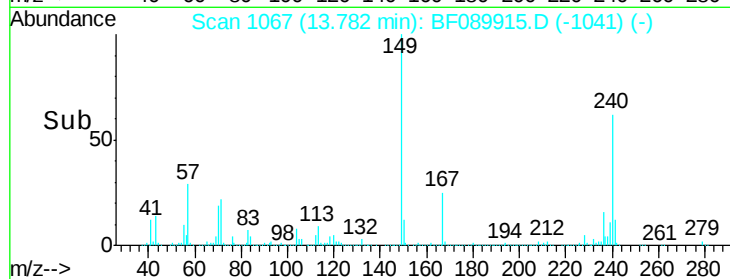
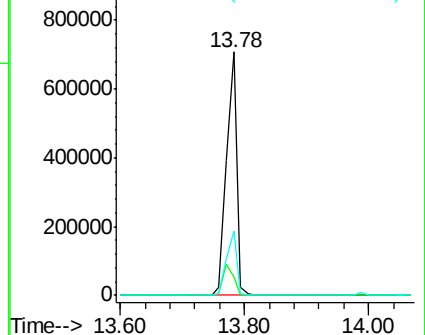
236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.62 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

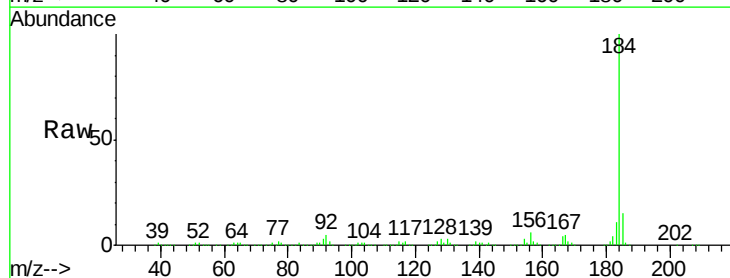
Tgt Ion:184 Resp: 1078184

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

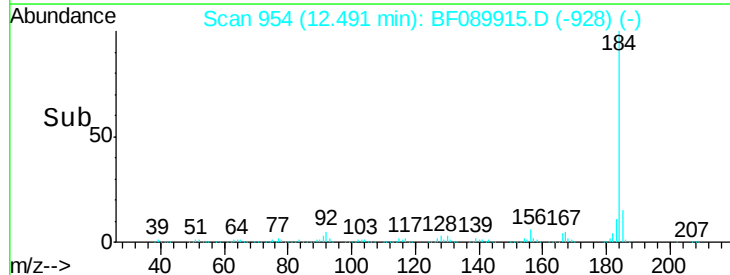
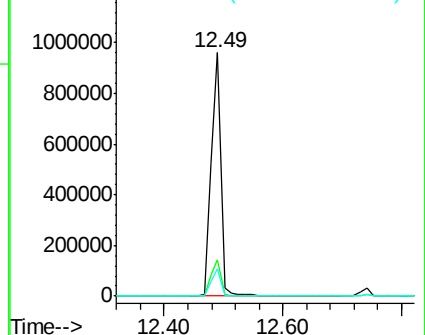
183 11.3 9.7 14.5

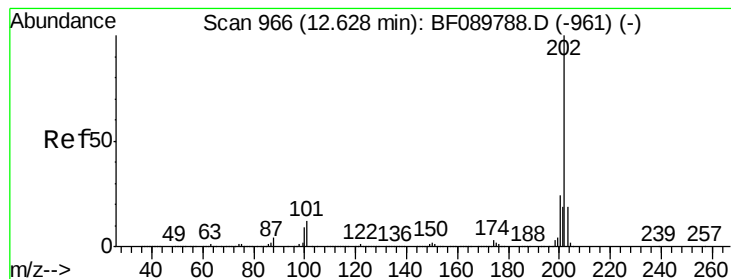


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.64 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

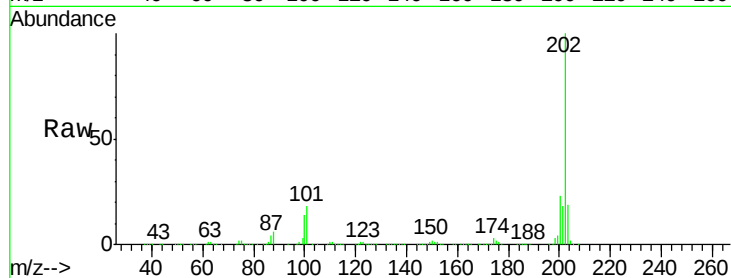
BNA_F

ClientSampleId :

PB93122BS

Tot Ion:202 Resp: 1997511

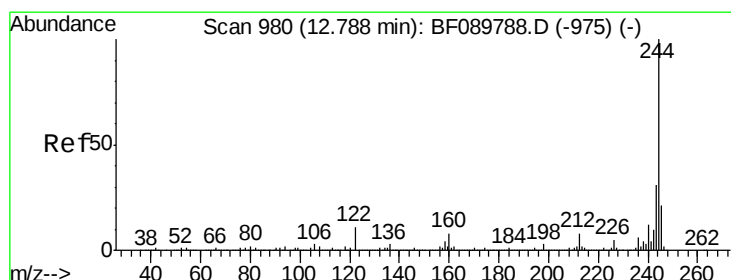
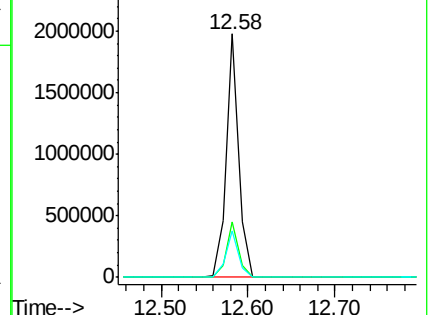
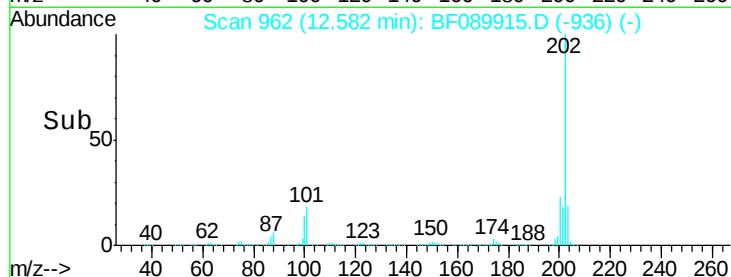
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	18.9	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.53 ng

RT: 12.74 min Scan# 976

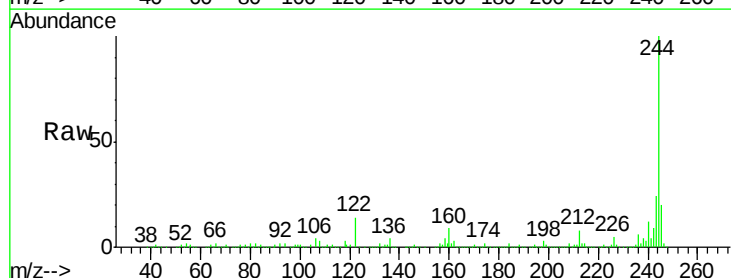
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:244 Resp: 2106499

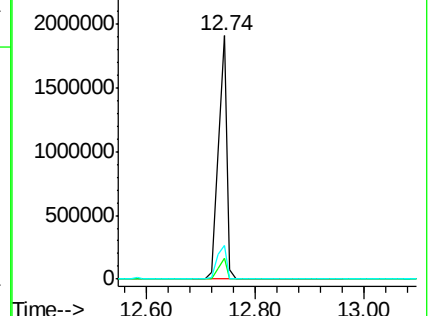
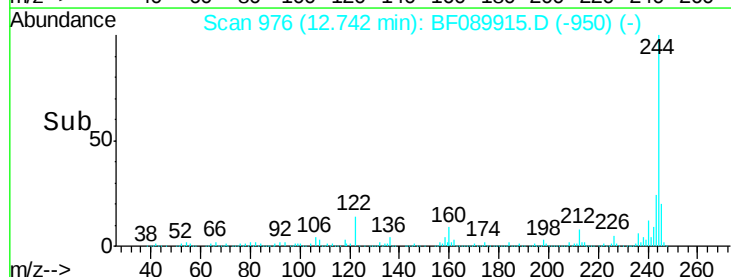
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	14.0	12.0	18.0

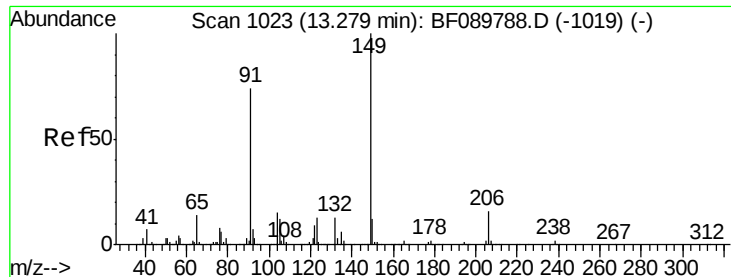


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

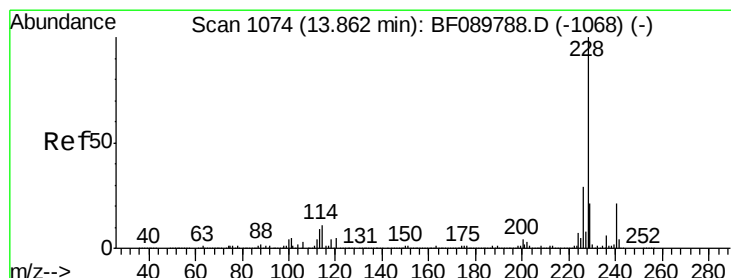
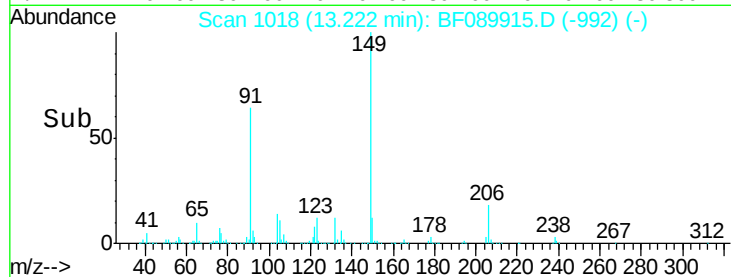
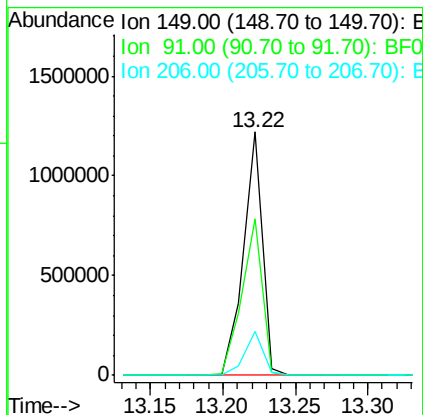
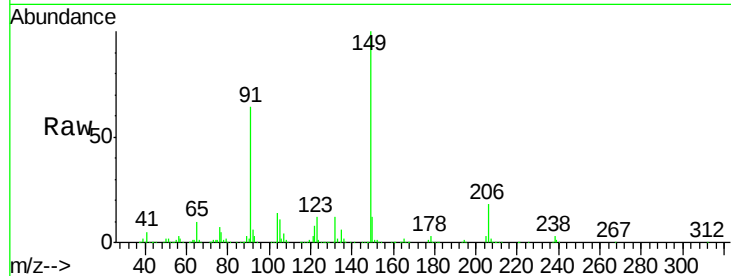




#79
Butylbenzylphthalate
Concen: 37.86 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

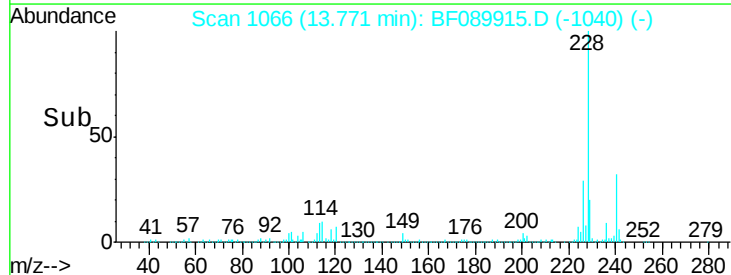
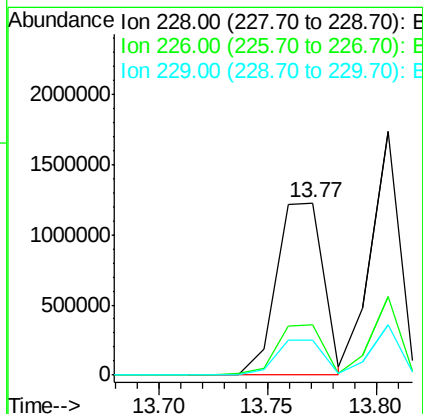
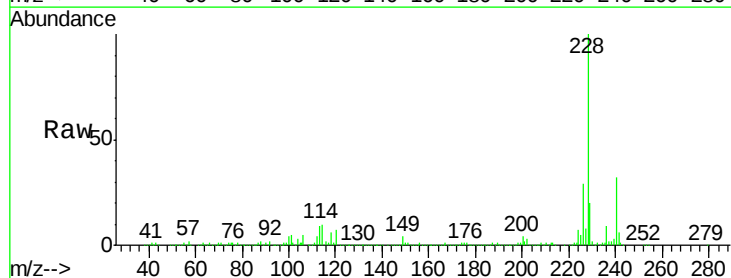
Instrument :
BNA_F
ClientSampleId :
PB93122BS

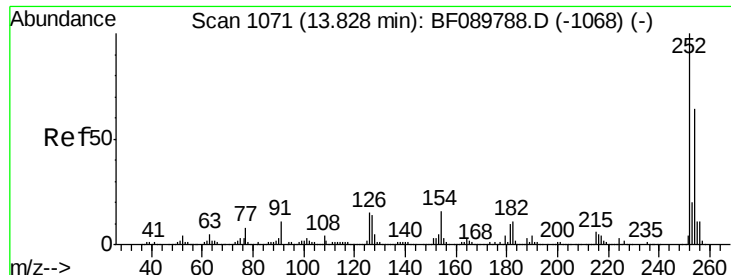
Tot Ion:149 Resp: 1114727
Ion Ratio Lower Upper
149 100
91 64.5 50.7 76.1
206 18.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 40.22 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion:228 Resp: 1843862
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 20.3 16.2 24.4

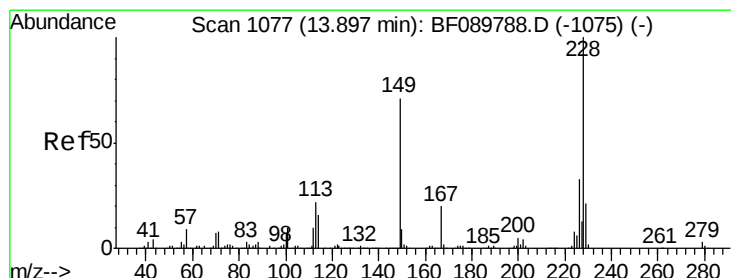
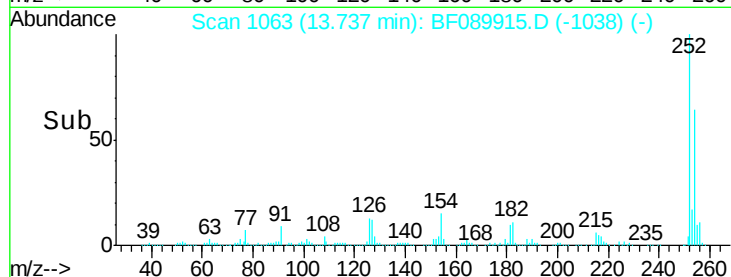
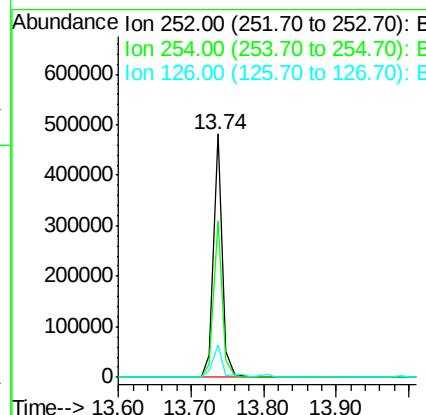
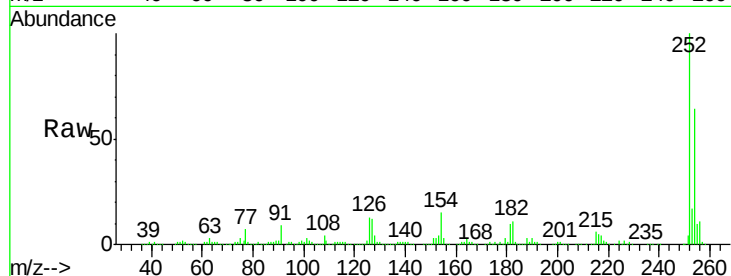




#81
 3,3'-Dichlorobenzidine
 Concen: 26.99 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

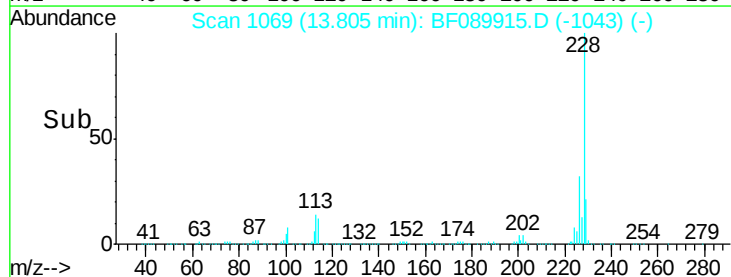
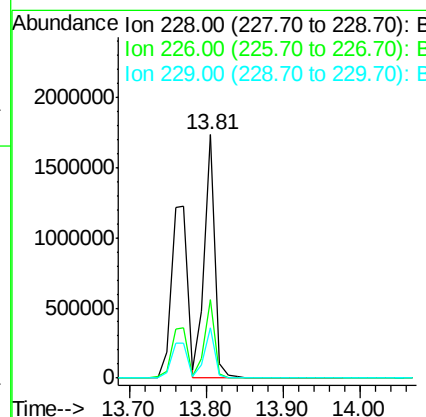
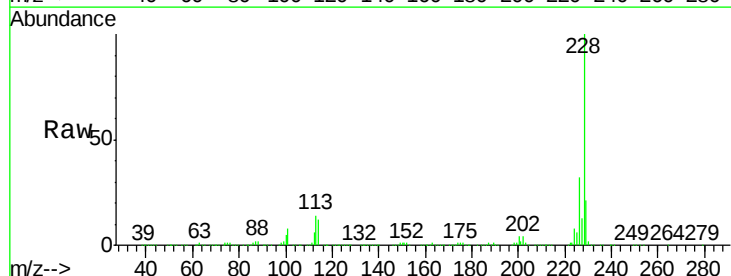
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

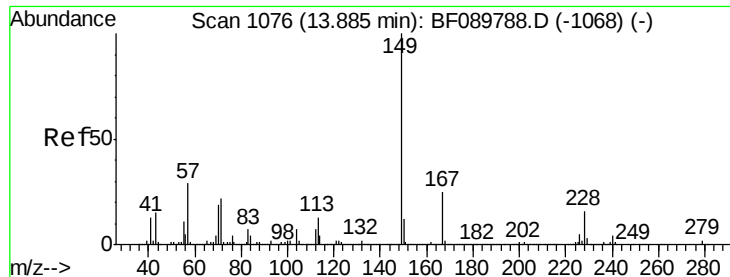
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.6	75.8
126	13.1	12.6	18.8



#82
 Chrysene
 Concen: 41.24 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.7	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.24 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

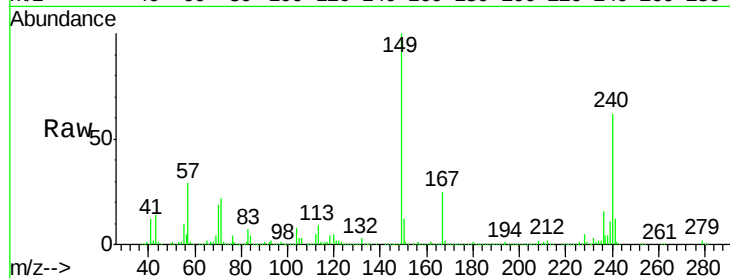
Tot Ion:149 Resp: 1388523

Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

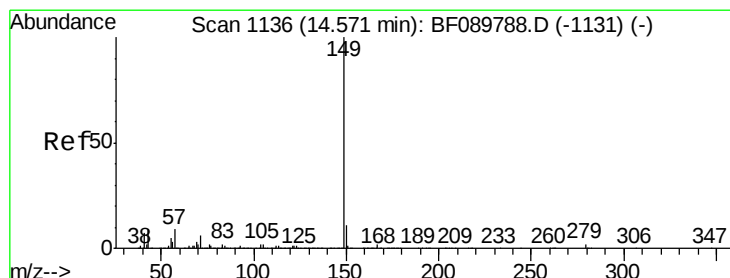
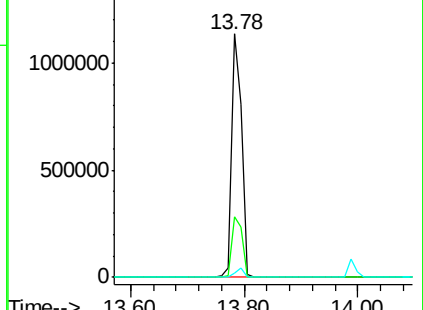
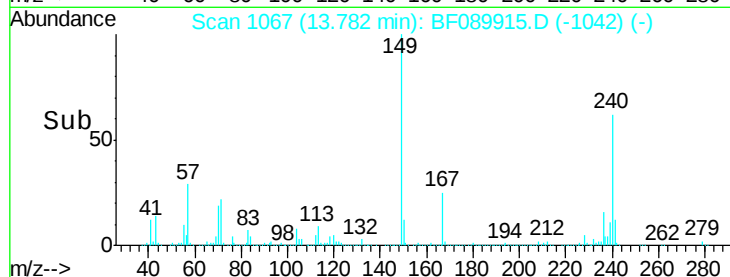
279 1.8 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.23 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

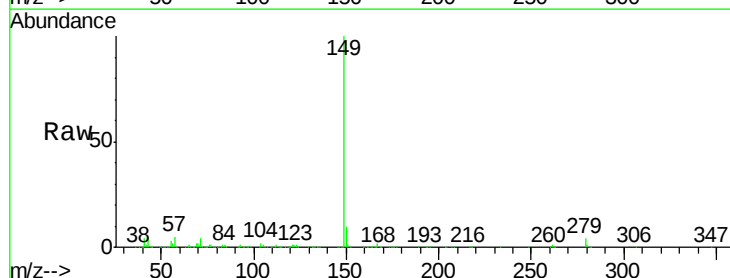
Tgt Ion:149 Resp: 2491256

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

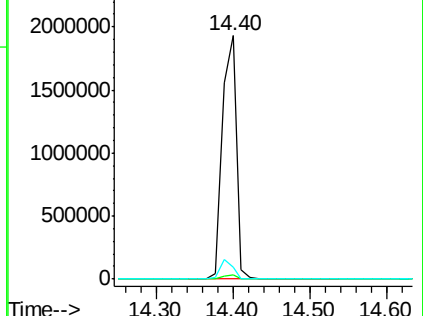
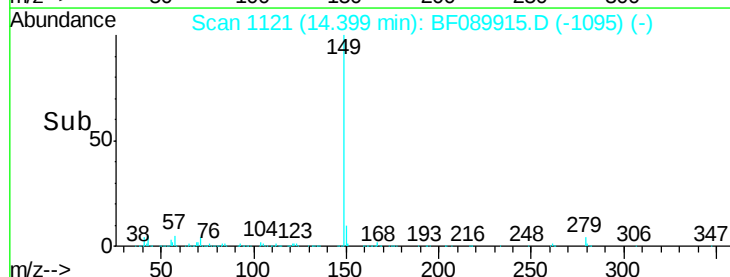
43 7.2 8.4 12.6#

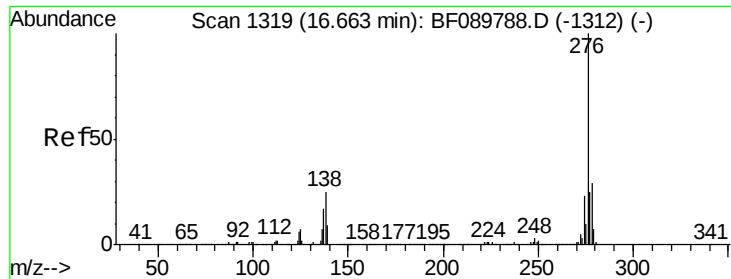


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

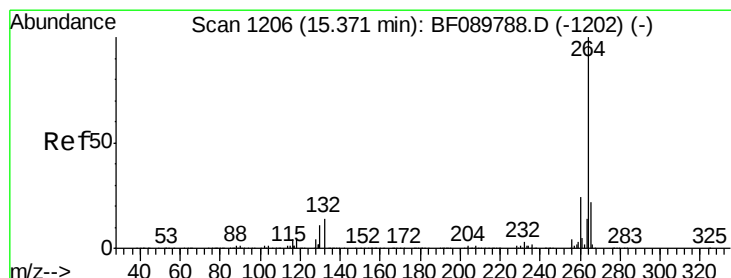
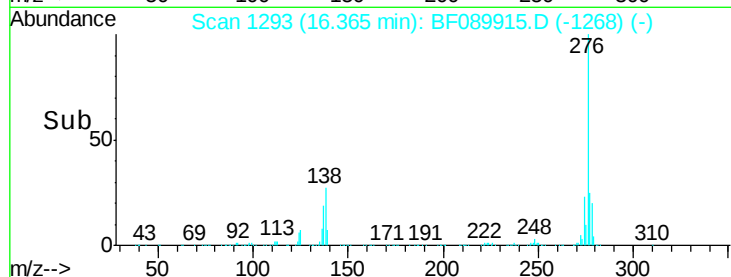
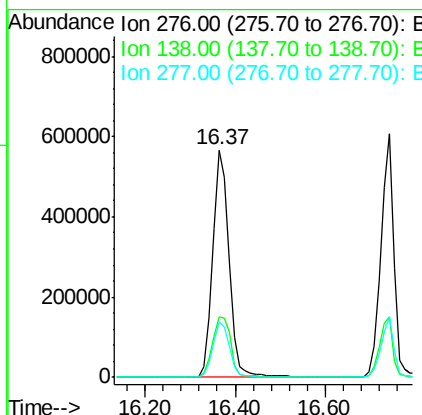
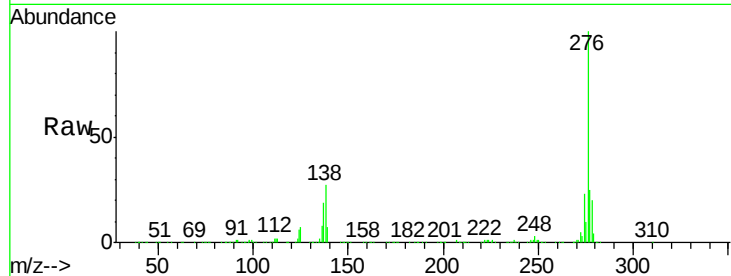




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.73 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

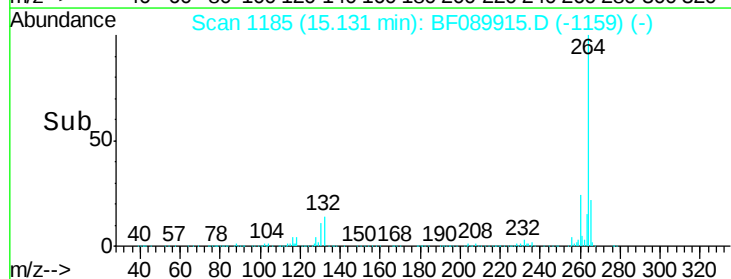
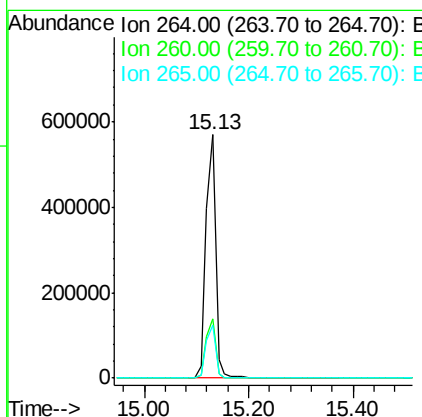
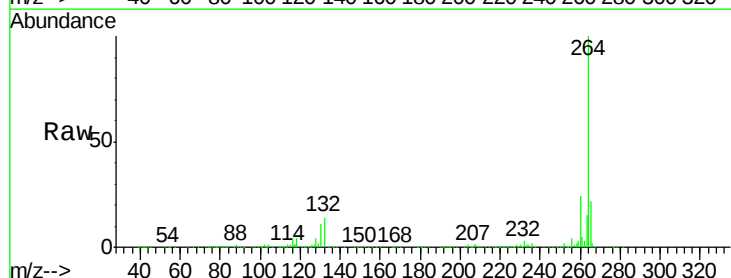
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BS

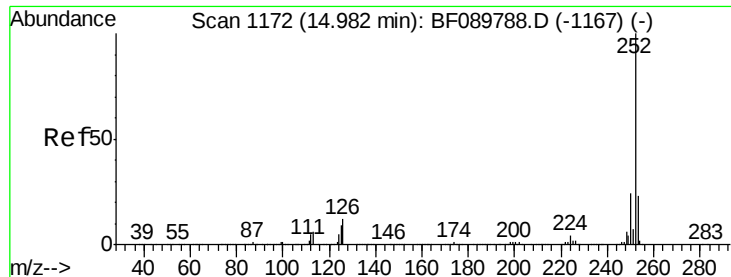
Tot Ion:276 Resp: 1440575
 Ion Ratio Lower Upper
 276 100
 138 29.9 24.6 36.8
 277 25.3 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion:264 Resp: 734703
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 21.9 17.4 26.2

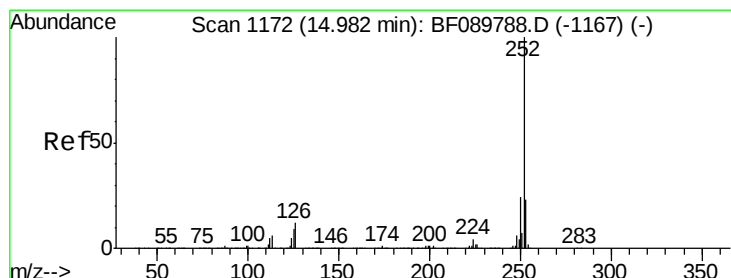
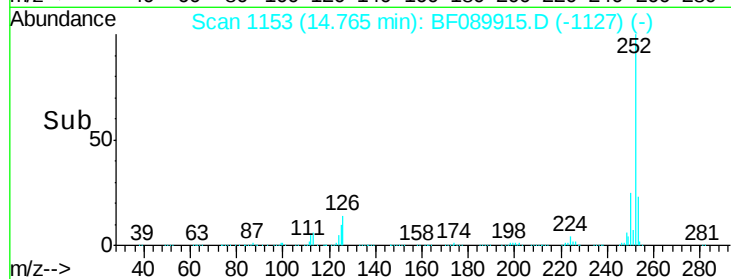
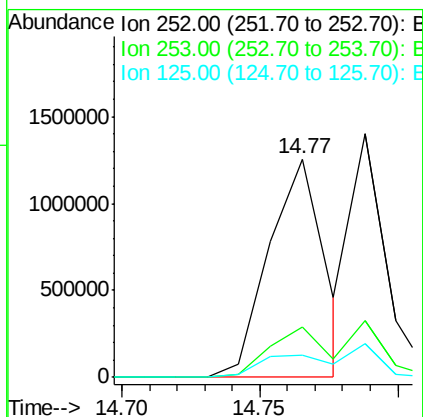
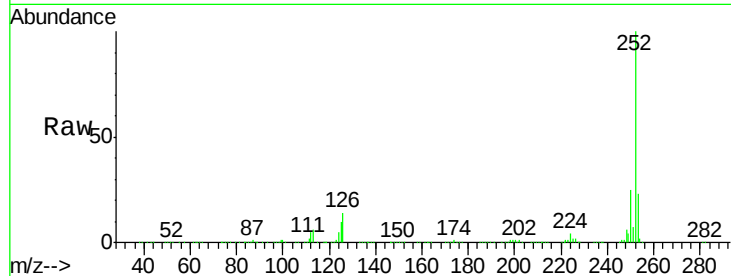




#87
Benzo(b)fluoranthene
Concen: 43.76 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

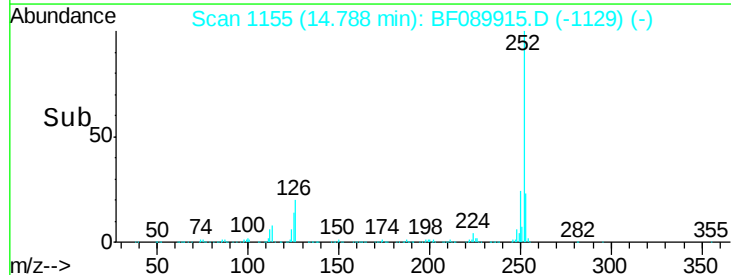
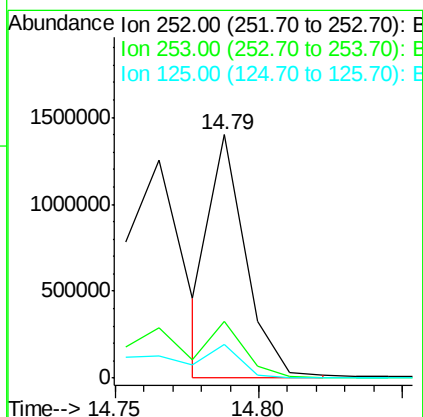
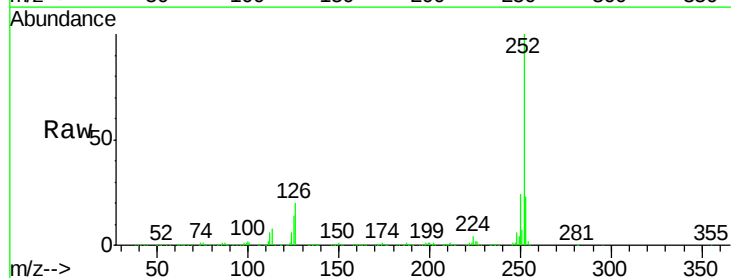
Instrument :
BNA_F
ClientSampleId :
PB93122BS

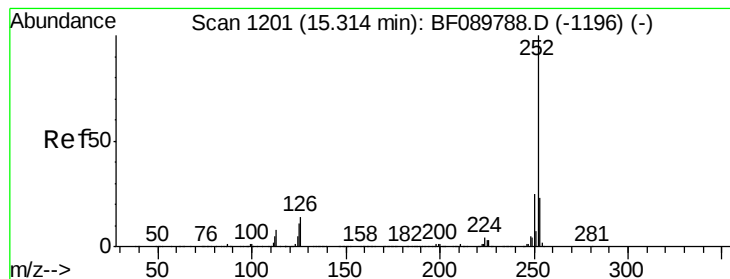
Tot Ion:252 Resp: 1768536
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.1 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 33.25 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Tgt Ion:252 Resp: 1219253
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 13.6 9.8 14.6





#89

Benzo(a)pyrene

Concen: 36.80 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

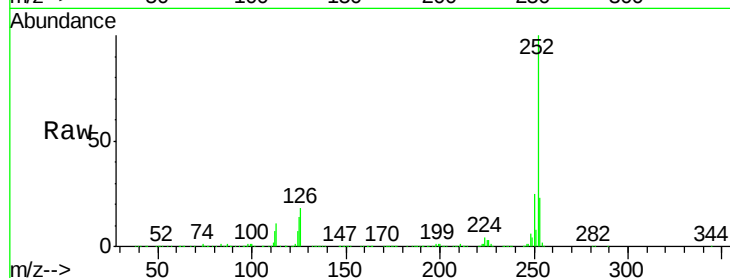
Tot Ion:252 Resp: 1407757

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	14.3	11.7	17.5

252 100

253 23.1 17.8 26.8

125 14.3 11.7 17.5

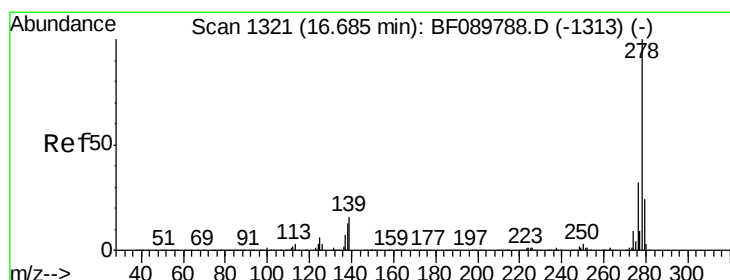
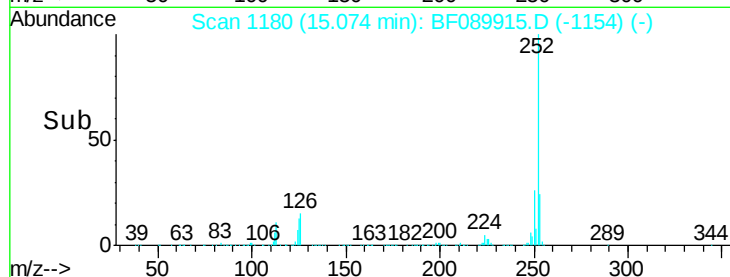
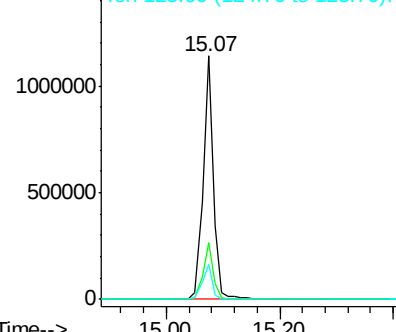


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.21 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

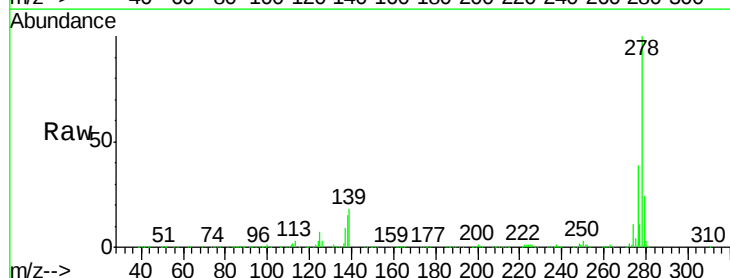
Tgt Ion:278 Resp: 1212988

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.9	22.3
279	24.1	19.2	28.8

278 100

139 18.2 14.9 22.3

279 24.1 19.2 28.8

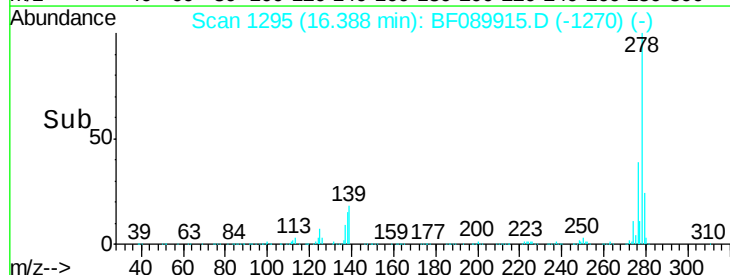
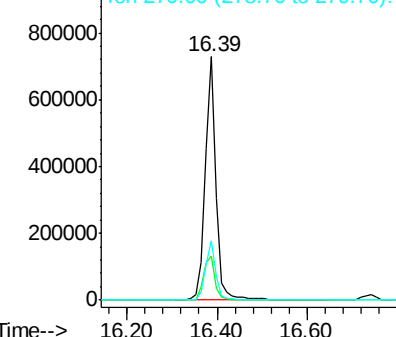


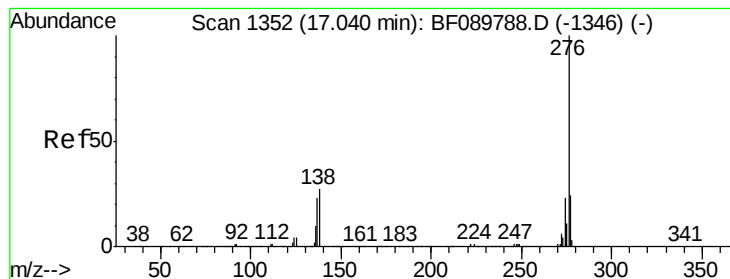
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 28.13 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB93122BS

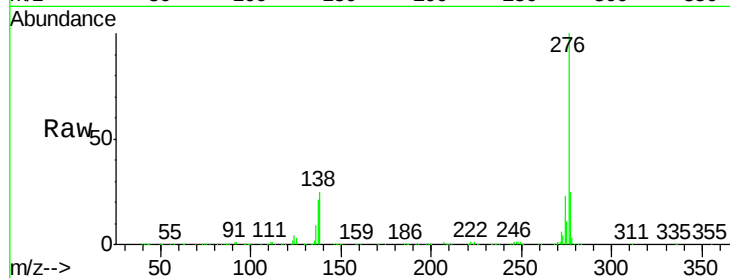
Tot Ion:276 Resp: 1230011

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 25.1 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

