

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 :

Quant Time: Aug 26 19:11:32 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						
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				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	6.82	146	819937	33.86	ng	95
13) 1,4-Dichlorobenzene	6.59	146	853601	34.29	ng	94
14) 1,2-Dichlorobenzene	6.82	146	819837	35.28	ng	97
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	125196	22.82	ng	98
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

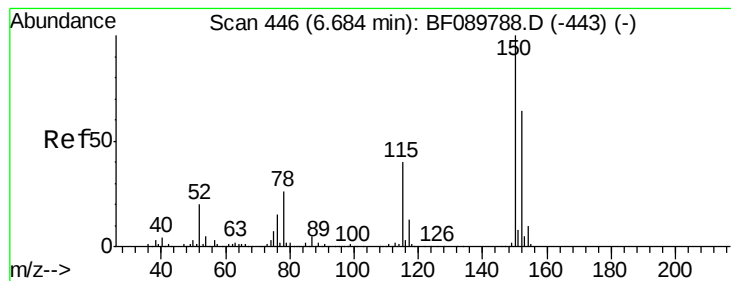
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089915.D
 Acq On : 26 Aug 2016 18:44
 Operator : UM/SJ
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Quant Time: Aug 26 19:11:32 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	14.79	252	3028511	74.93	nq	98
88) Benzo(k)fluoranthene	14.79	252	3028511	82.59	nq	99
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

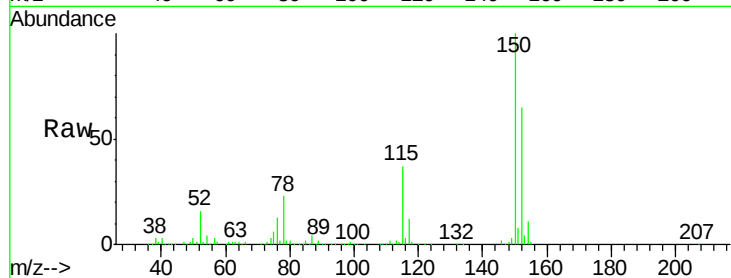
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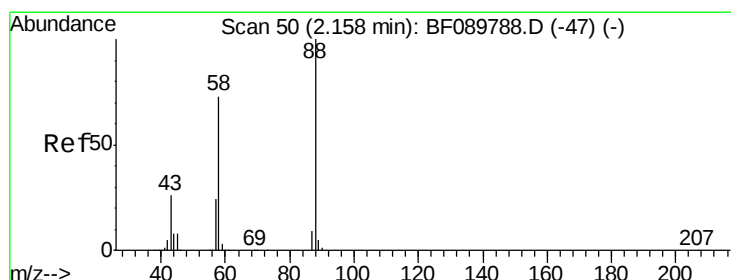
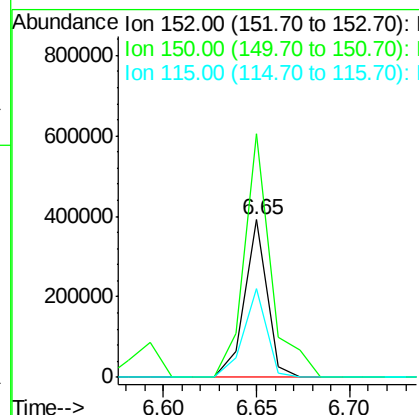
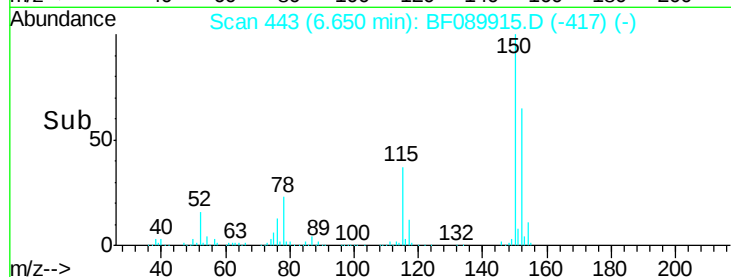
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 332167
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 56.5 40.9 61.3

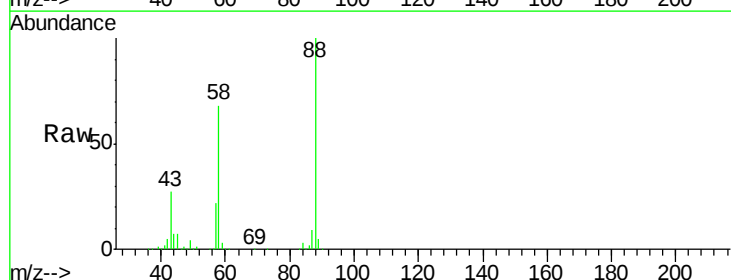


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

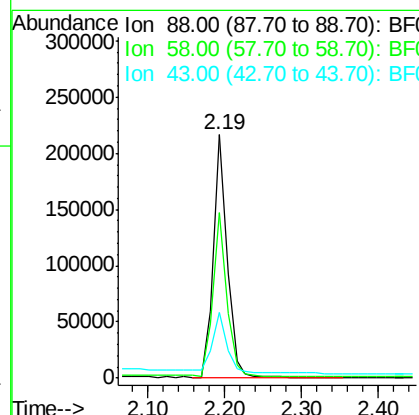
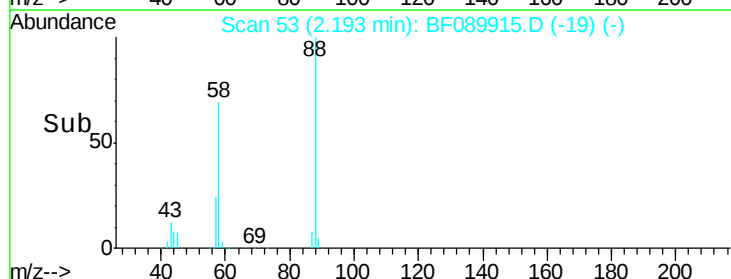


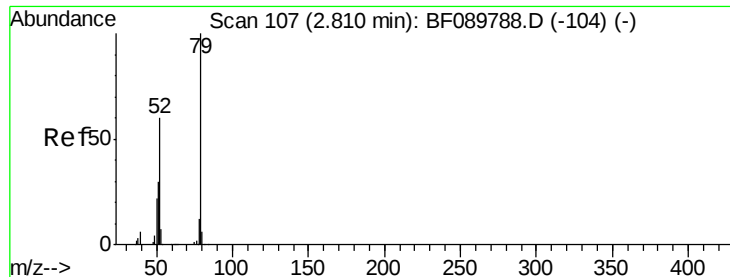
#2
 1,4-Dioxane
 Concen: 27.83 ng
 RT: 2.19 min Scan# 53
 Delta R.T. 0.09 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Tgt Ion: 88 Resp: 266778
 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

ClientSampled :

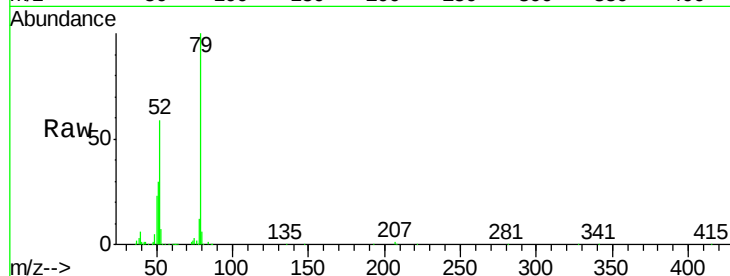
Tot Ion: 79 Resp: 787486

Ion Ratio Lower Upper

79 100

52 59.4 53.6 80.4

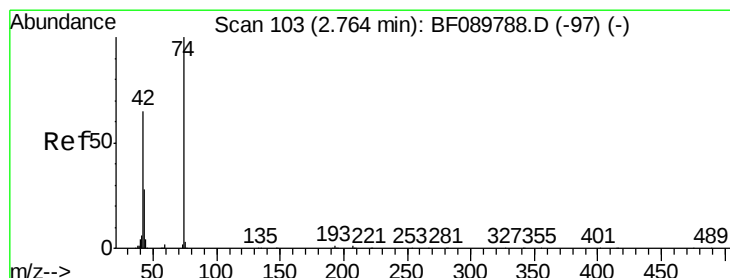
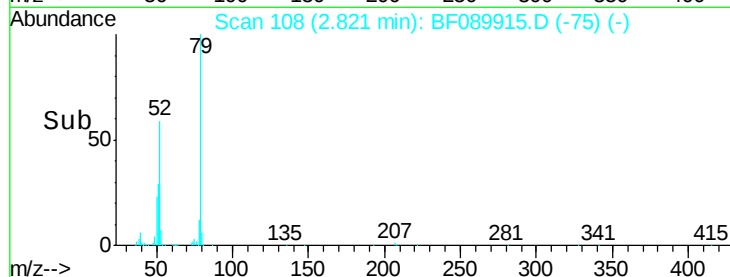
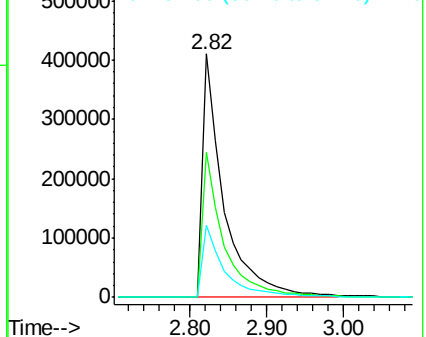
51 29.7 26.6 39.8



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

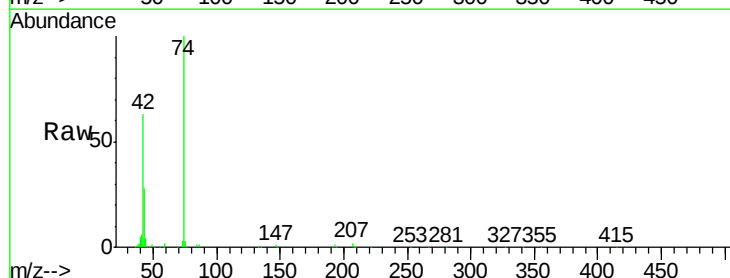
Tgt Ion: 42 Resp: 331686

Ion Ratio Lower Upper

42 100

74 157.9 106.2 159.2

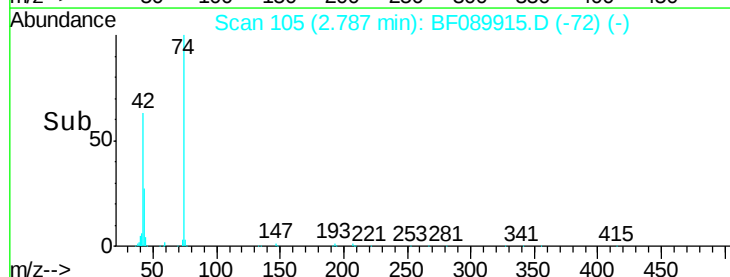
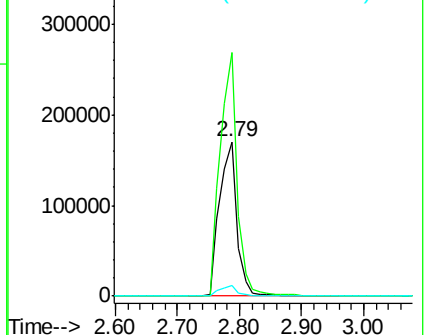
44 6.6 6.9 10.3#

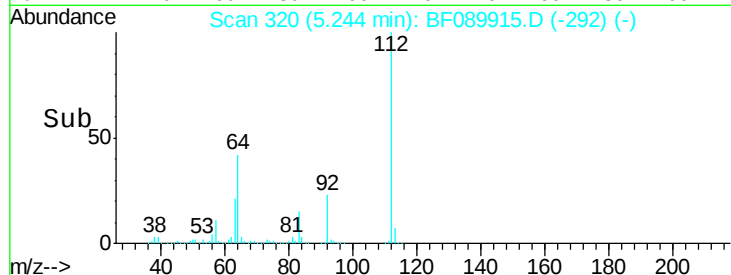
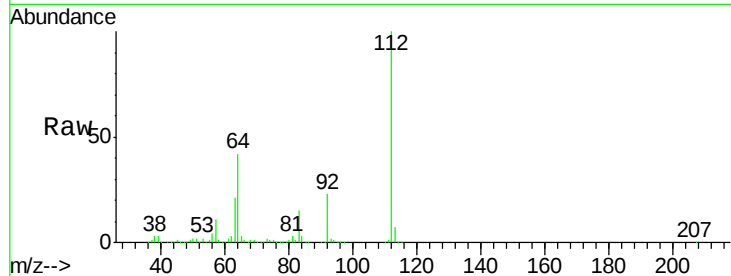
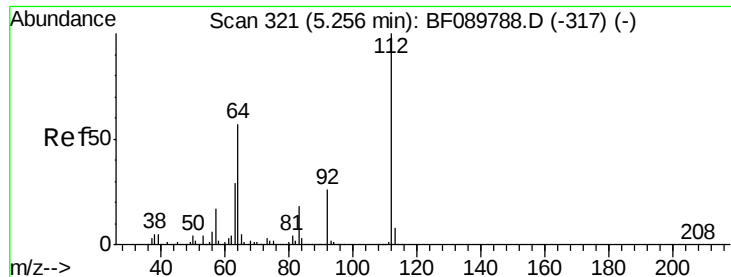


Abundance Ion 42.00 (41.70 to 42.70): BF0

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 :

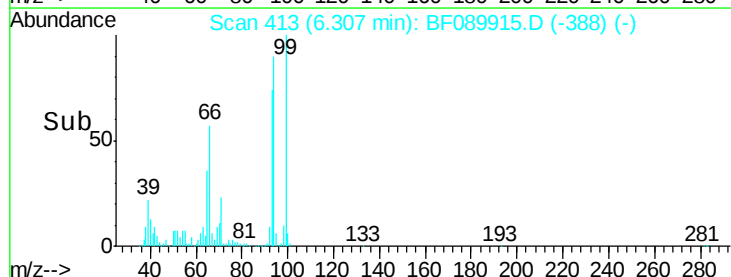
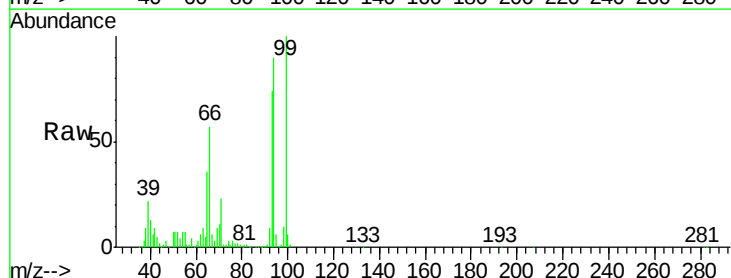
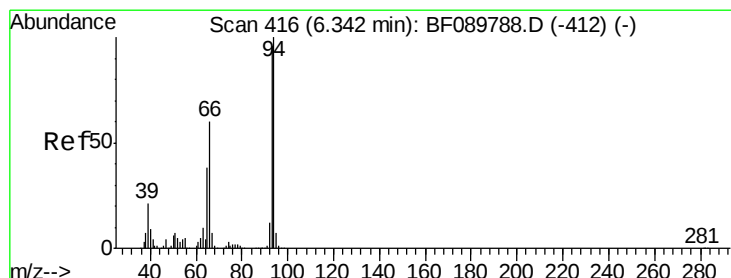
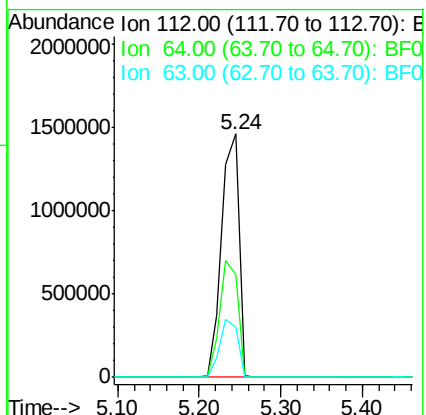
Tot Ion:112 Resp: 2145741

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

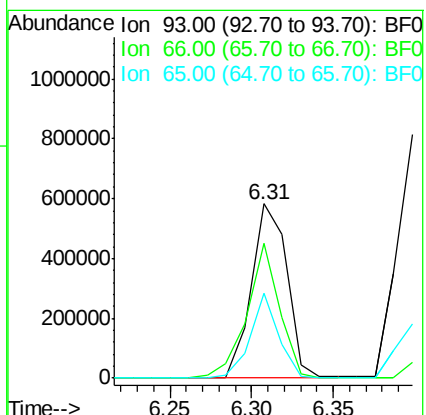
Tgt Ion: 93 Resp: 884702

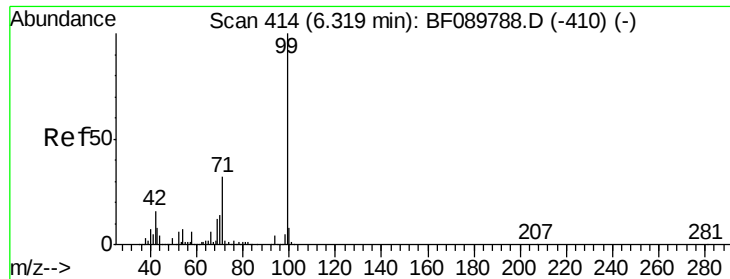
Ion Ratio Lower Upper

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

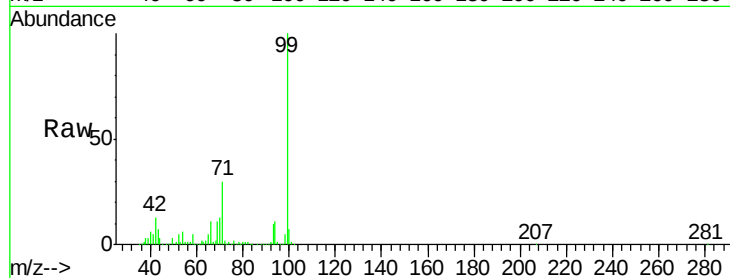
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2445949

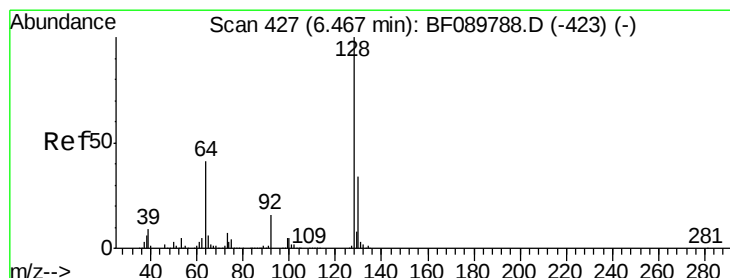
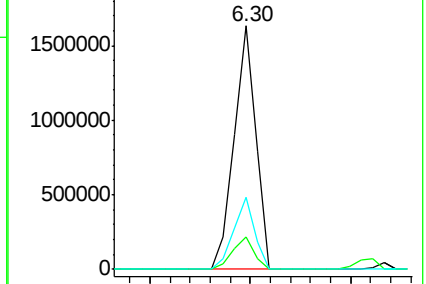
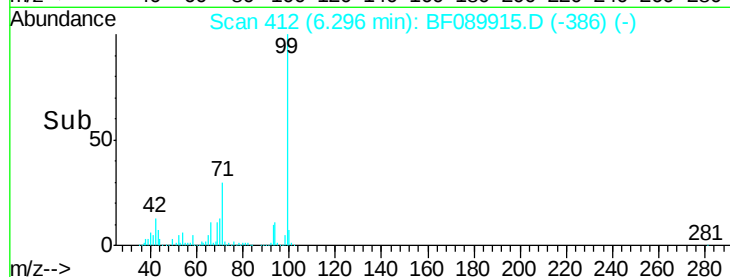
Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.4
71	29.6	23.8	35.8



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

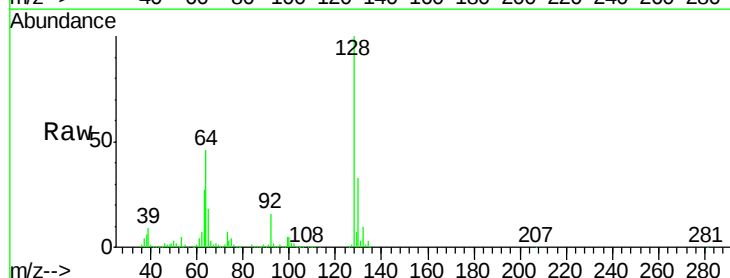
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion: 128 Resp: 775508

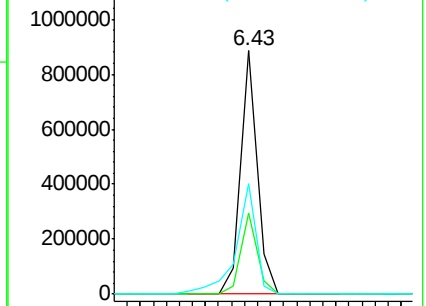
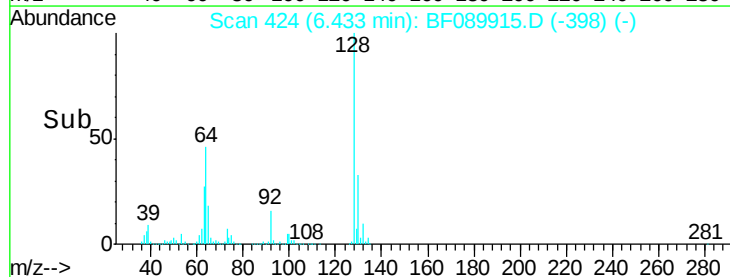
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	45.5	35.1	75.1

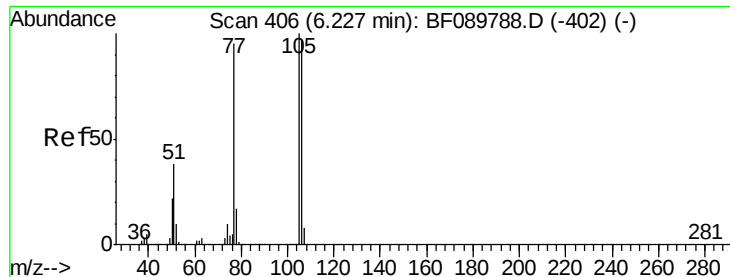


Abundance Ion 128.00 (127.70 to 128.70): E

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

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

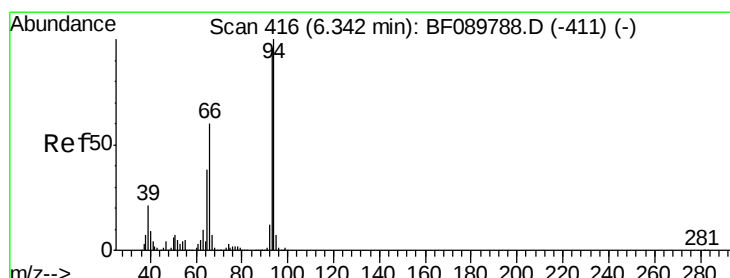
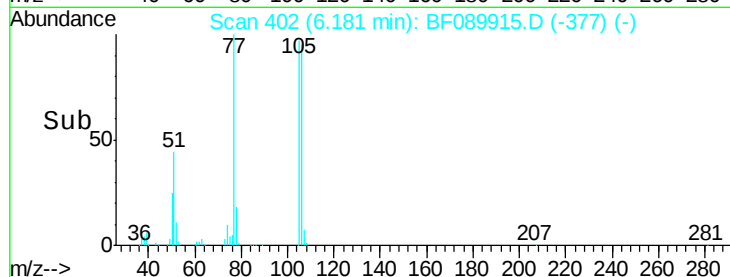
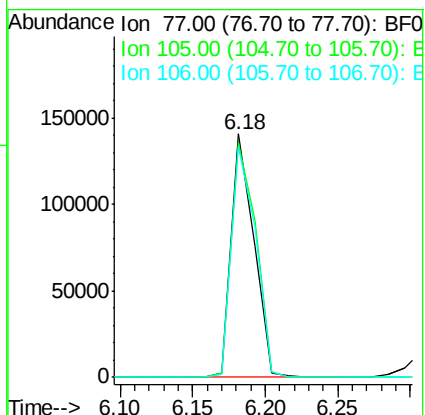
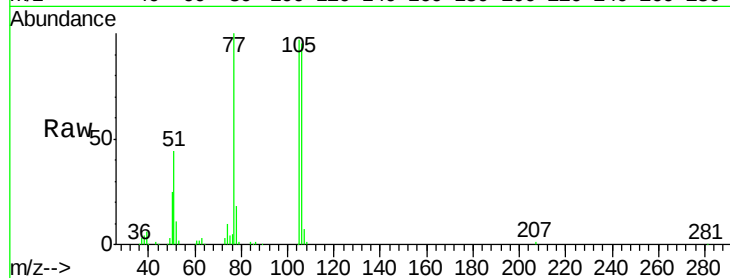
Tot Ion: 77 Resp: 153340

Ion Ratio Lower Upper

77 100

105 96.5 73.3 113.3

106 94.7 68.6 108.6



#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

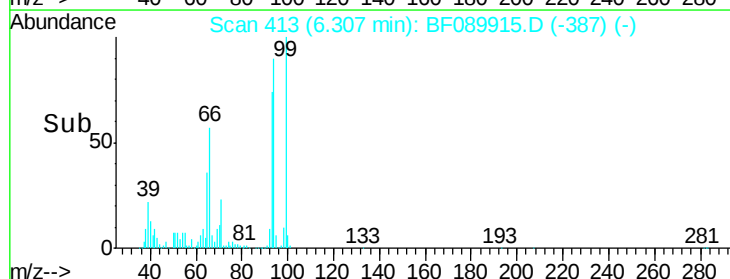
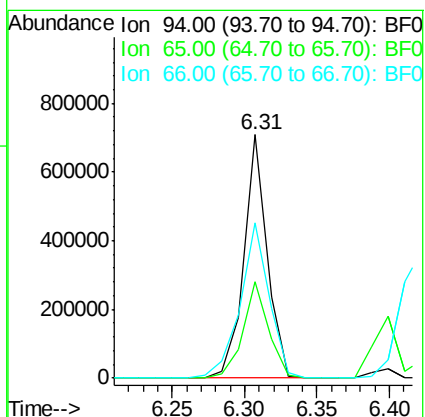
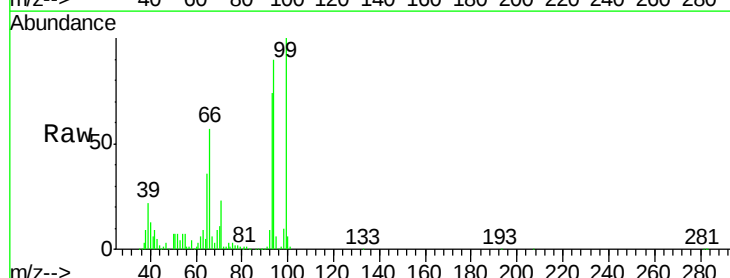
Tgt Ion: 94 Resp: 788389

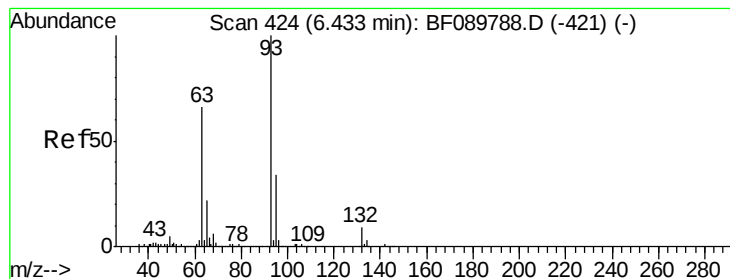
Ion Ratio Lower Upper

94 100

65 39.8 14.0 54.0

66 63.6 31.2 71.2





#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

ClientSampled :

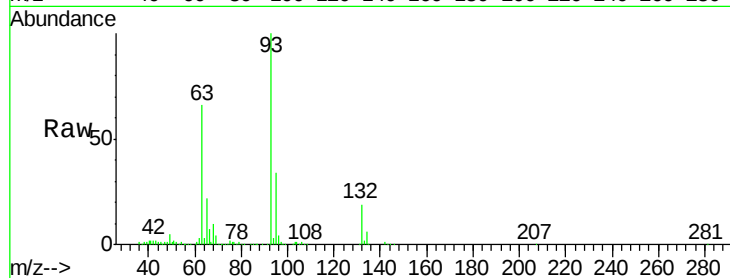
Tot Ion: 93 Resp: 797344

Ion Ratio Lower Upper

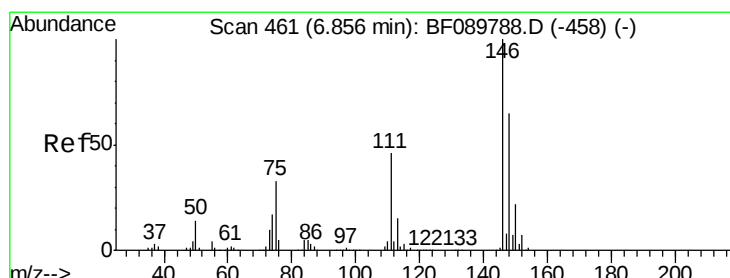
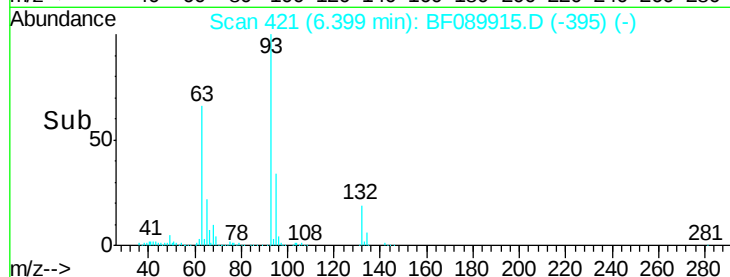
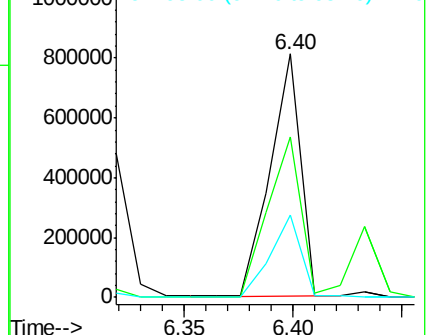
93 100

63 65.9 55.8 95.8

95 33.6 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.86 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.23 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

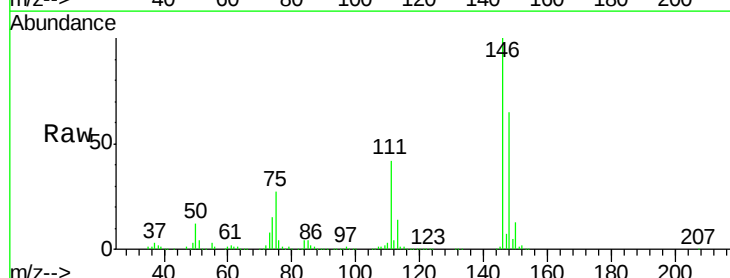
Tgt Ion: 146 Resp: 819937

Ion Ratio Lower Upper

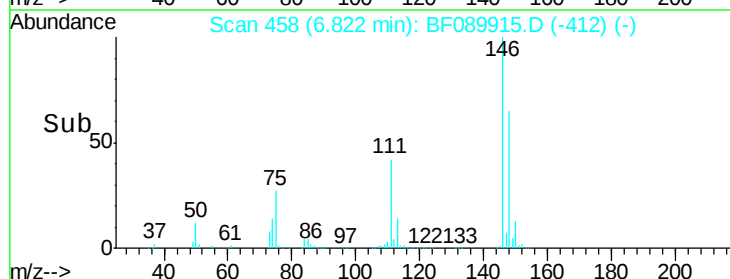
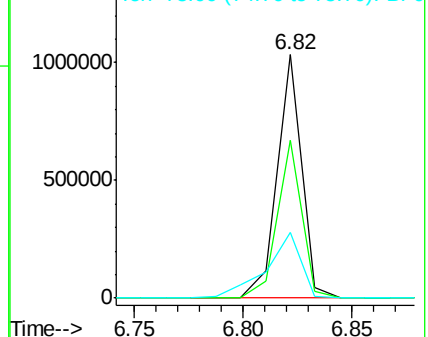
146 100

148 64.8 51.0 76.4

75 27.2 27.0 40.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

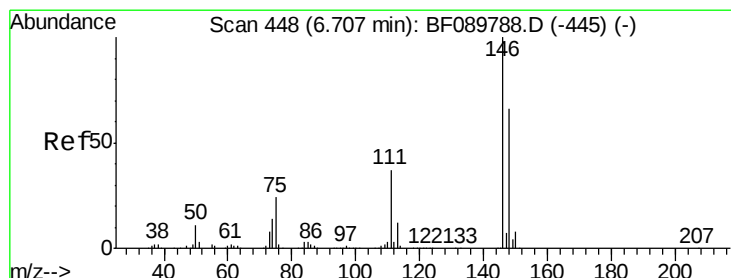
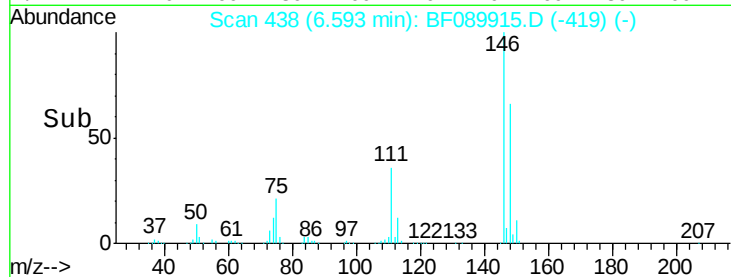
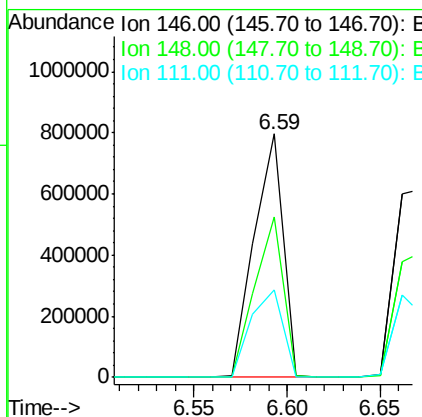
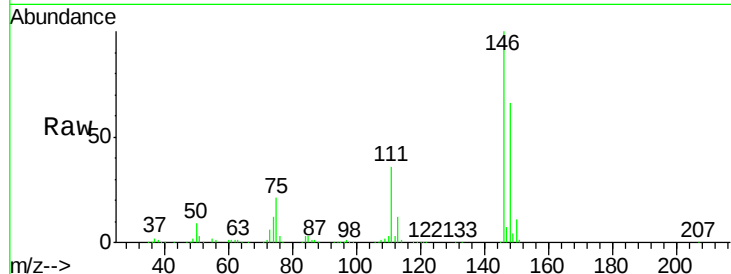




#13
 1,4-Dichlorobenzene
 Concen: 34.29 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.08 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

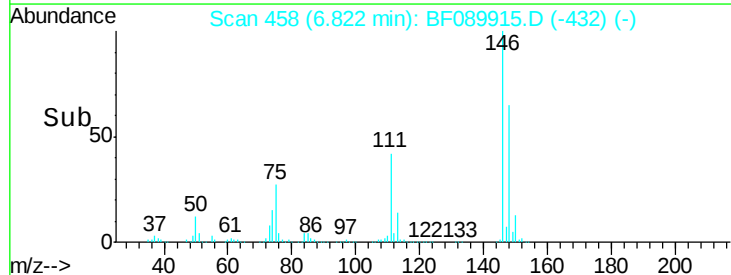
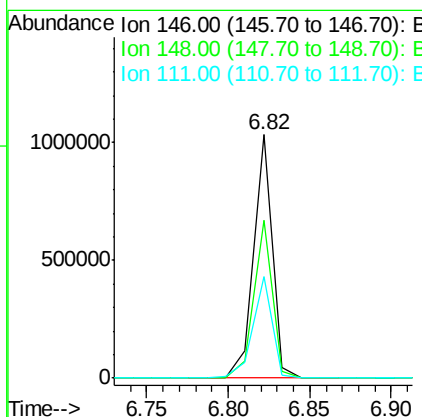
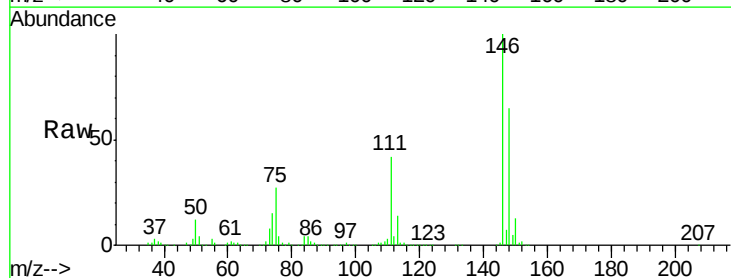
Instrument :
 BNA_F
 ClientSampleId :

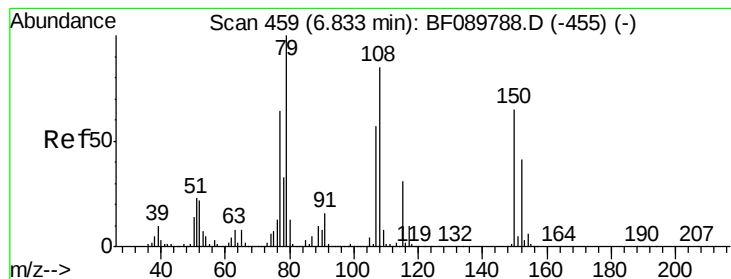
Tot Ion:146 Resp: 853601
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.0 76.6
 111 35.9 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 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: 819837
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 41.6 29.8 44.6





#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 :

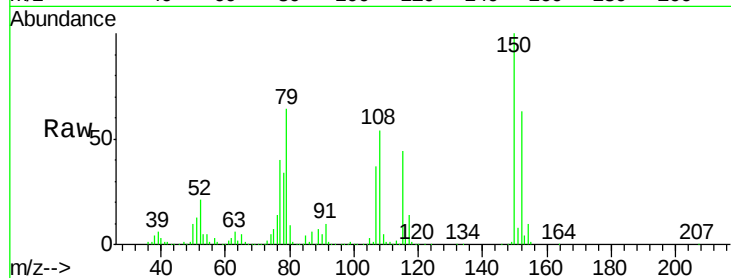
Tot Ion: 79 Resp: 539645

Ion Ratio Lower Upper

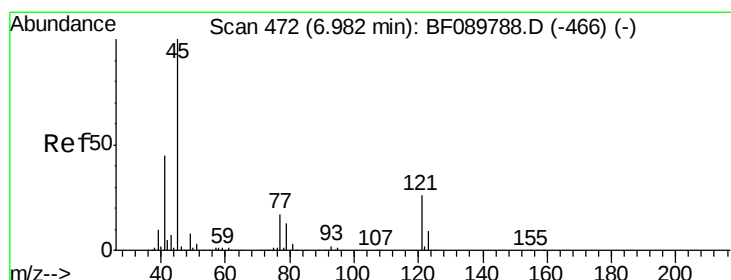
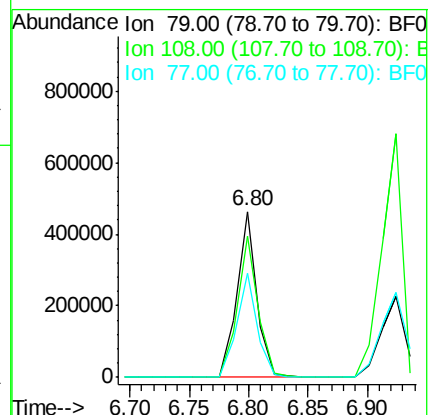
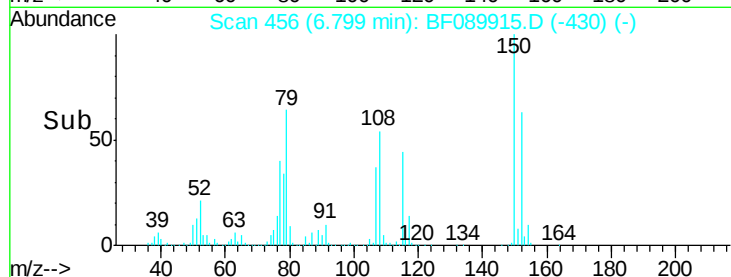
79 100

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

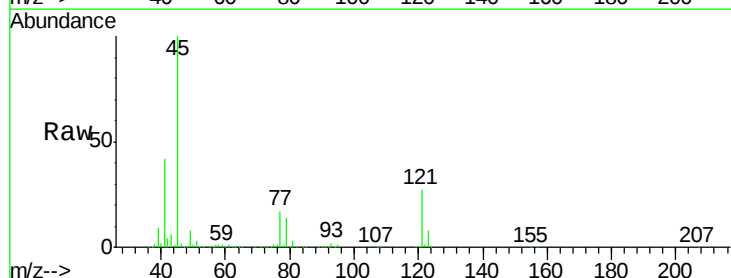
Tgt Ion: 45 Resp: 930865

Ion Ratio Lower Upper

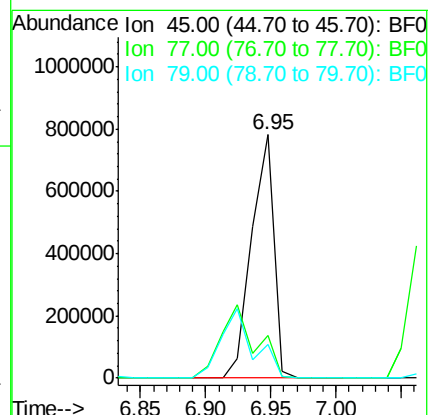
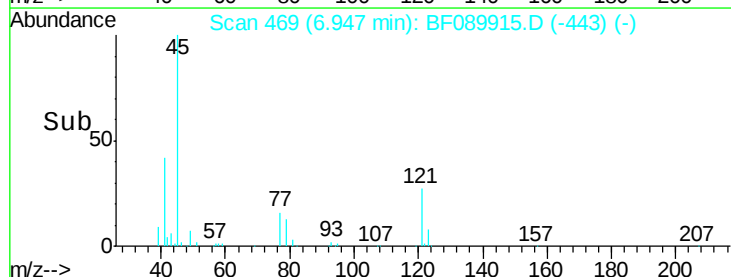
45 100

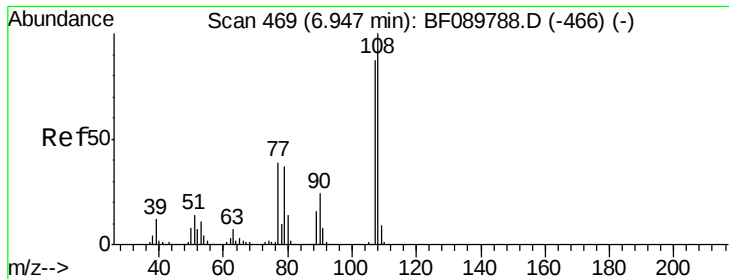
77 17.3 0.0 33.5

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 :

Tot Ion:107 Resp: 703342

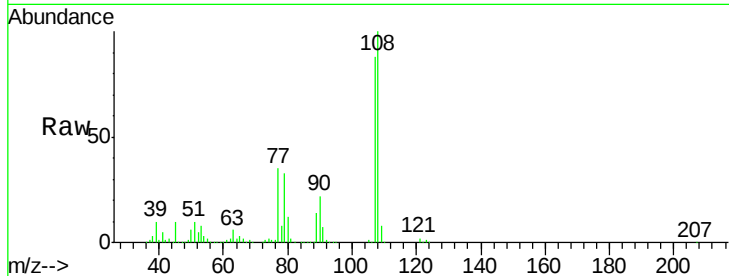
Ion Ratio Lower Upper

107 100

108 113.9 91.0 136.4

77 39.7 37.4 56.0

79 37.7 36.6 55.0

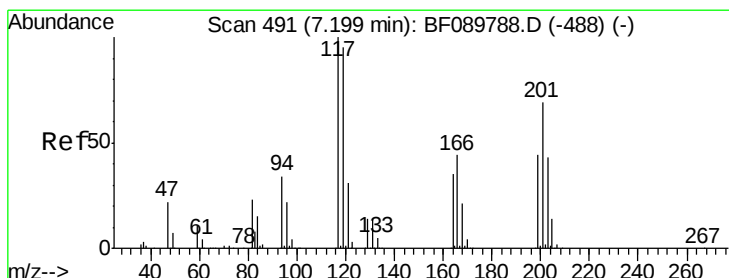
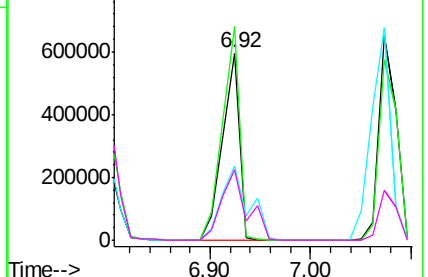
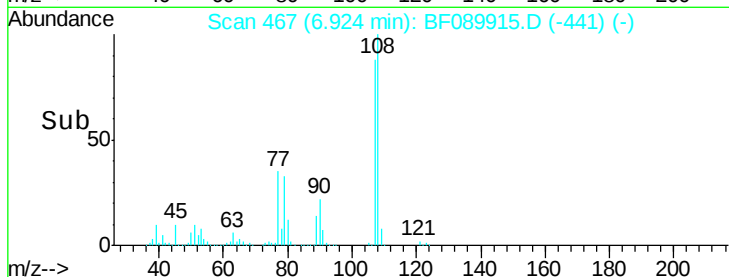


Abundance Ion 107.00 (106.70 to 107.70): E

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

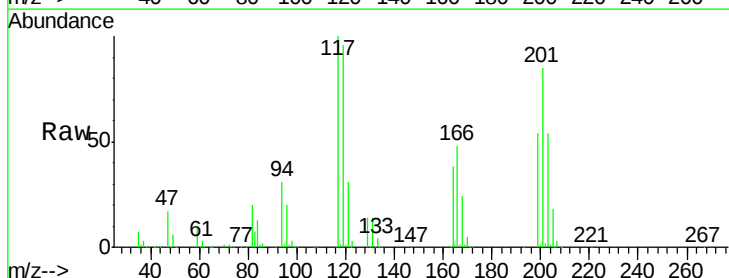
Tgt Ion:117 Resp: 307611

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7

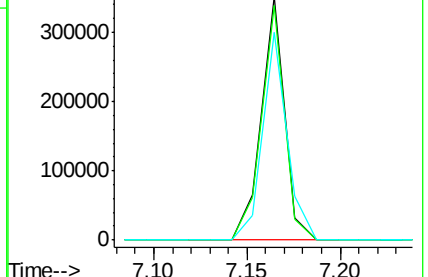
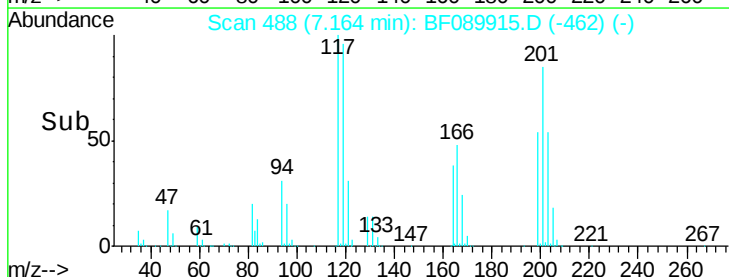
201 85.4 76.9 115.3



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

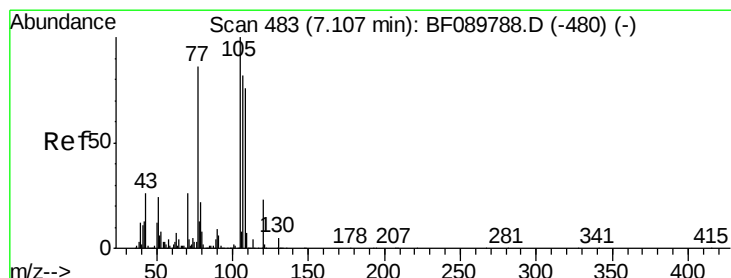
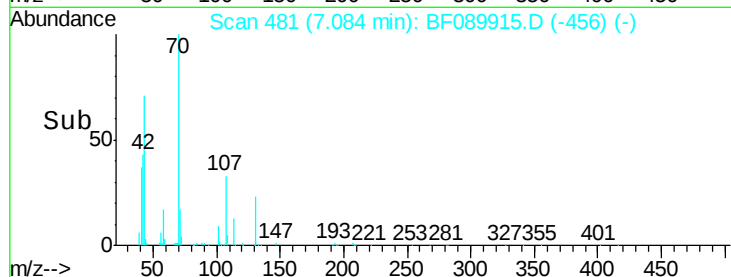
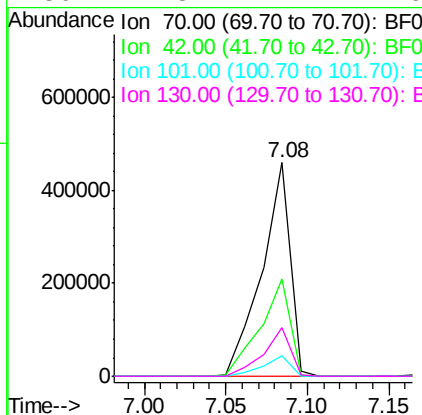
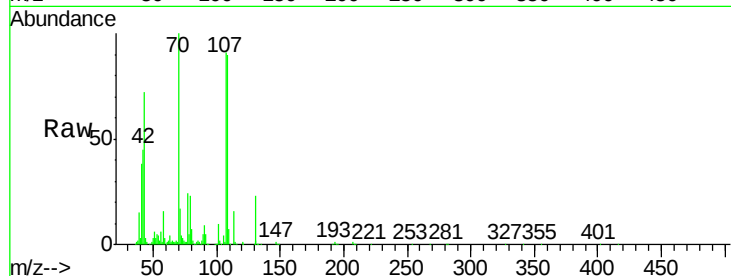




#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

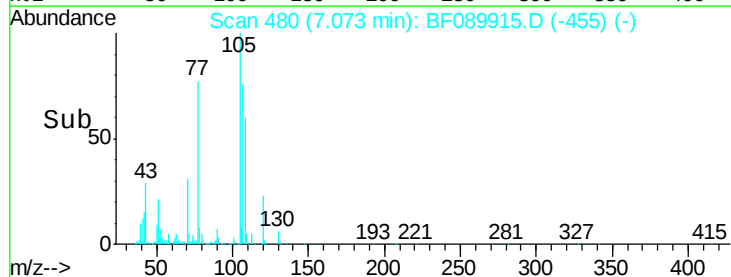
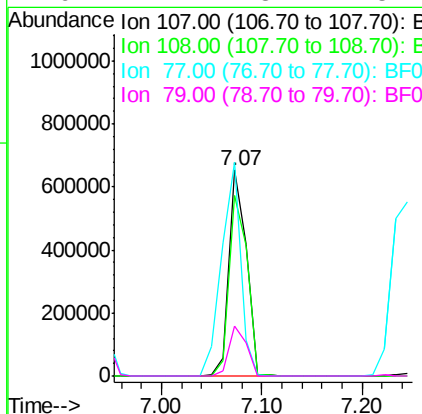
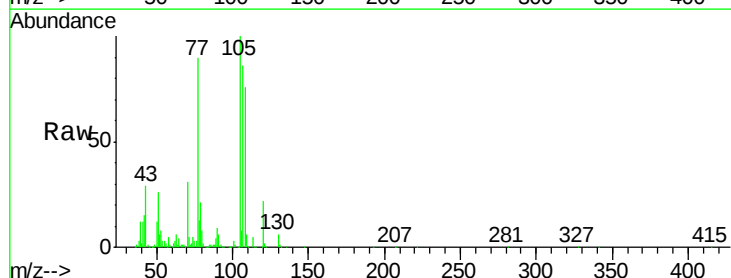
Instrument :
BNA_F
ClientSampleId :

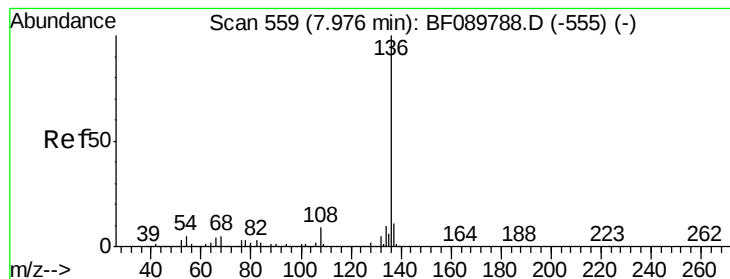
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	46.3	69.5#
101	9.8	7.0	10.6
130	22.8	14.4	21.6#



#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 :

Tot Ion:136 Resp: 1321874

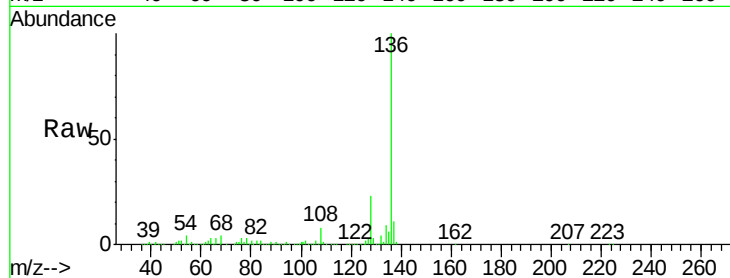
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 4.5 7.2 10.8#

68 4.5 5.8 8.8#

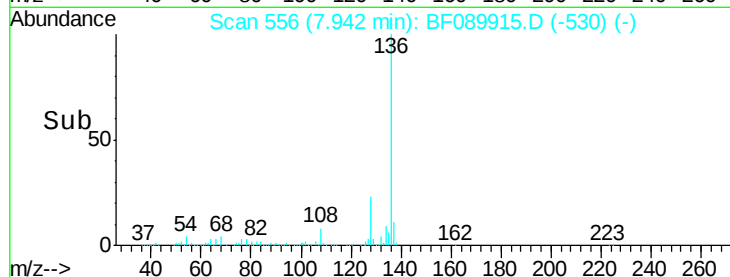


Abundance Ion 136.00 (135.70 to 136.70): E

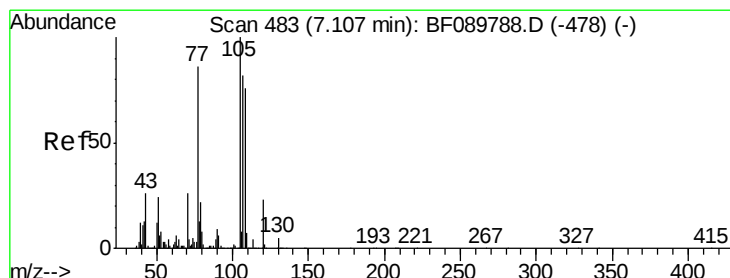
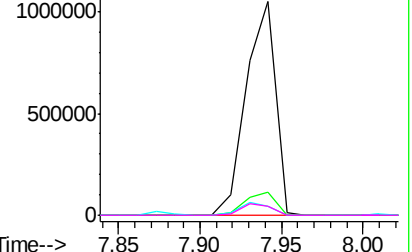
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

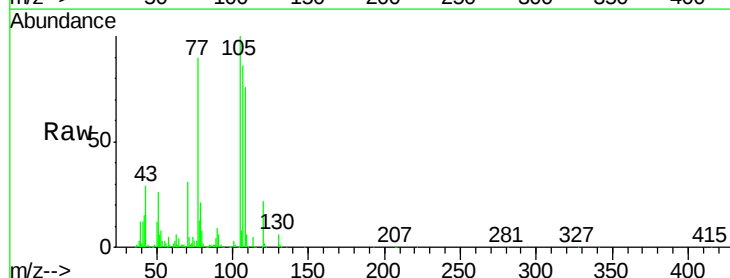
Ion Ratio Lower Upper

105 100

71 5.3 1.9 2.9#

51 25.9 28.5 42.7#

120 22.4 16.6 25.0

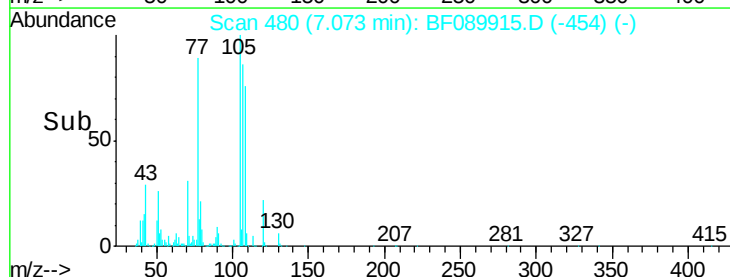


Abundance Ion 105.00 (104.70 to 105.70): E

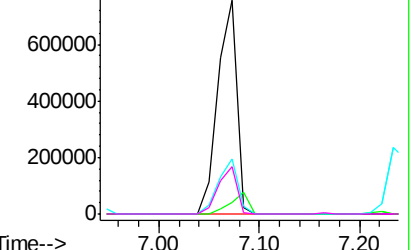
Ion 71.00 (70.70 to 71.70): BF0

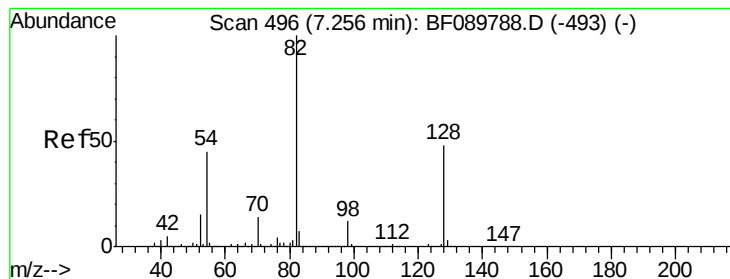
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#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

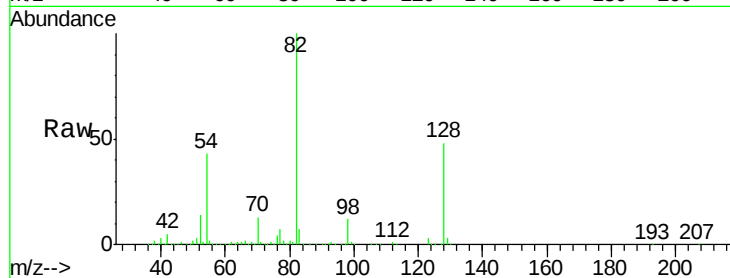
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1448279

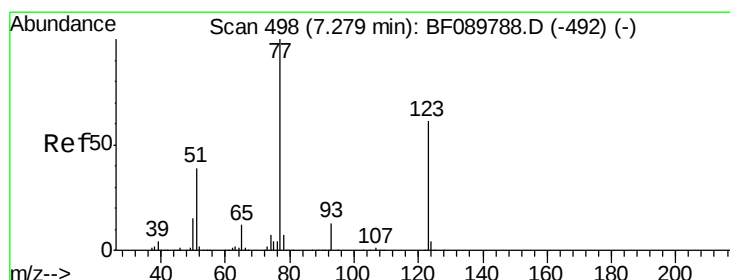
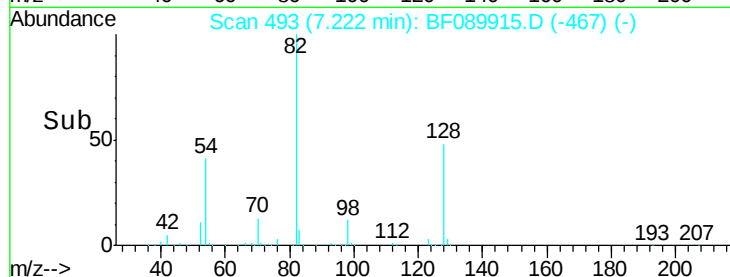
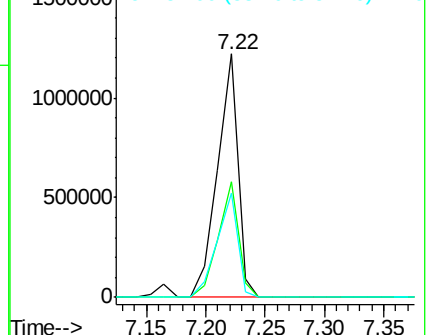
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.4	51.6
54	43.0	40.3	60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.93 ng

RT: 7.24 min Scan# 495

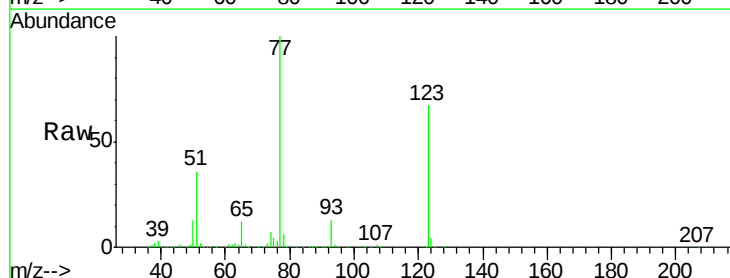
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion: 77 Resp: 786084

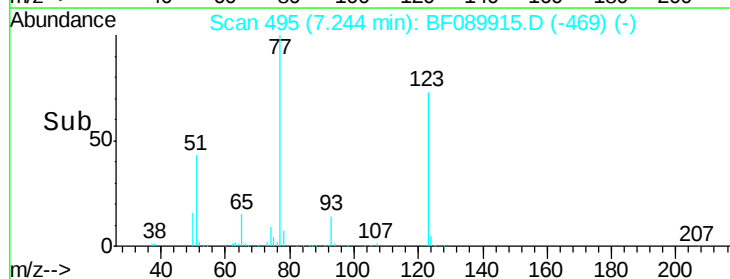
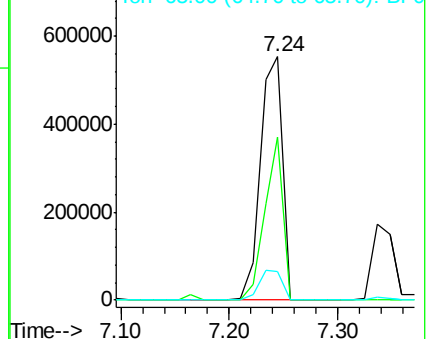
Ion	Ratio	Lower	Upper
77	100		
123	66.8	36.2	54.2#
65	11.8	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#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 :

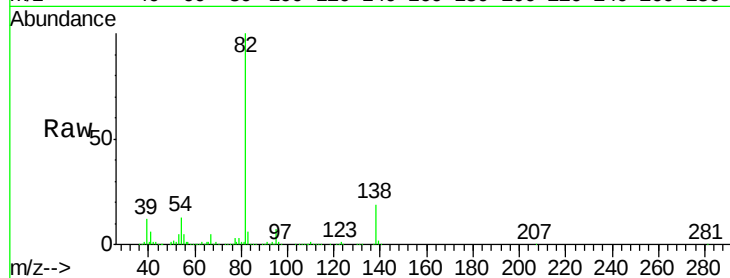
Tot Ion: 82 Resp: 1498096

Ion Ratio Lower Upper

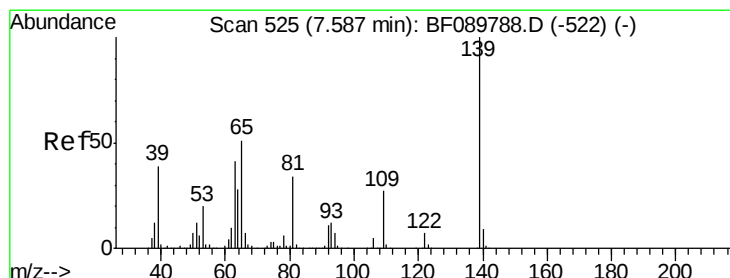
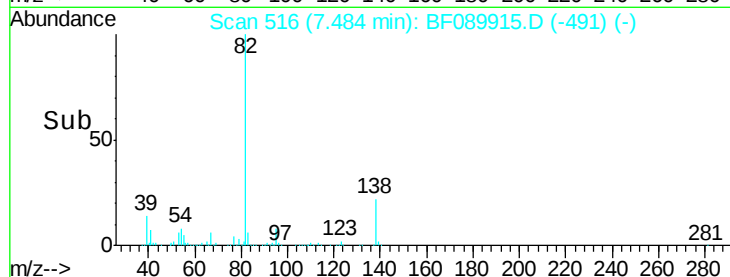
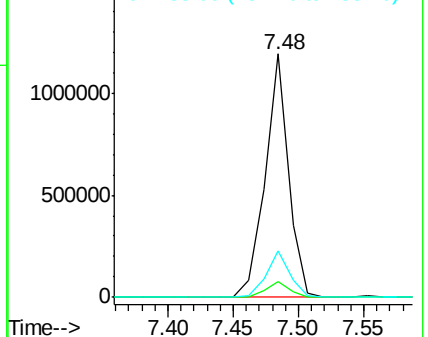
82 100

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

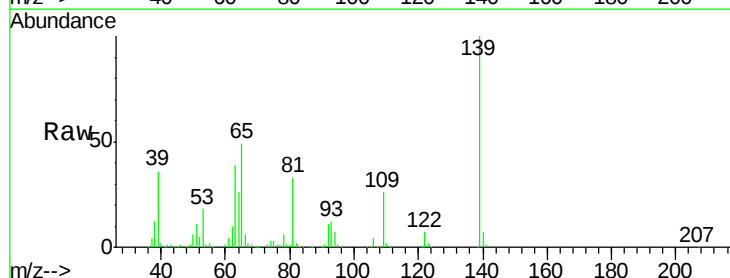
Tgt Ion: 139 Resp: 406014

Ion Ratio Lower Upper

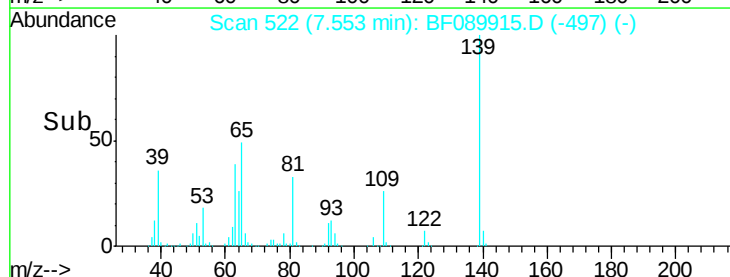
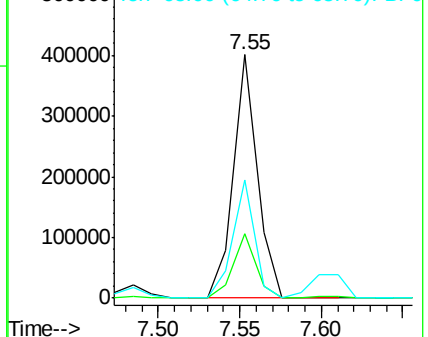
139 100

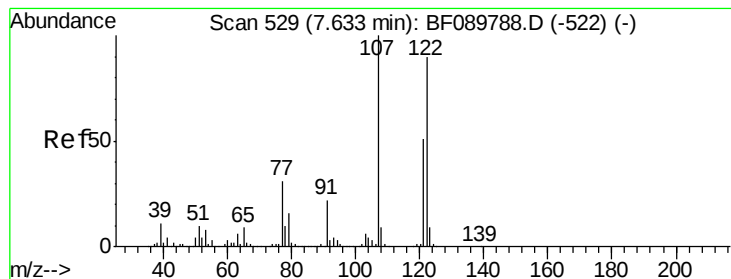
109 26.3 19.5 29.3

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 :

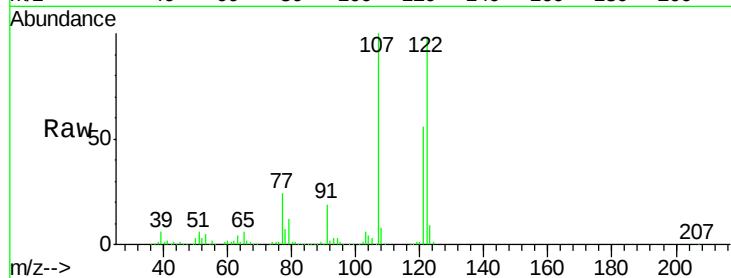
Tot Ion:122 Resp: 794253

Ion Ratio Lower Upper

122 100

107 101.7 84.8 127.2

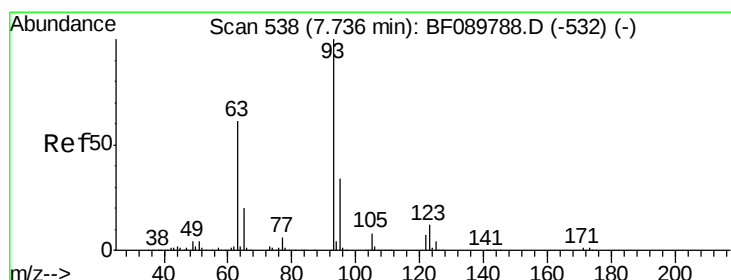
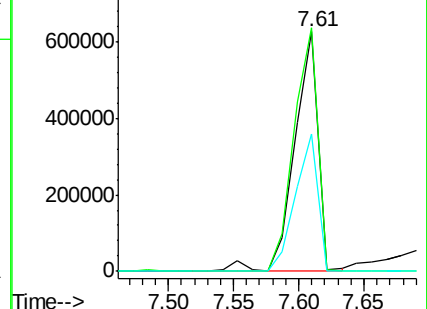
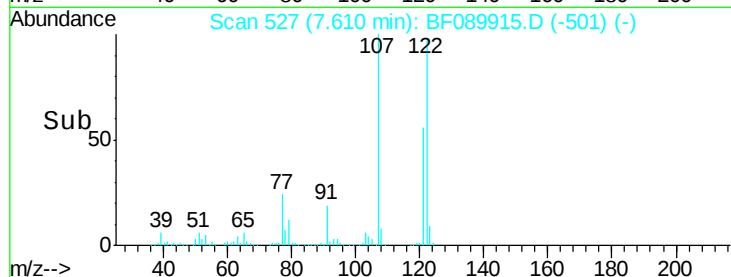
121 57.2 47.0 70.6



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

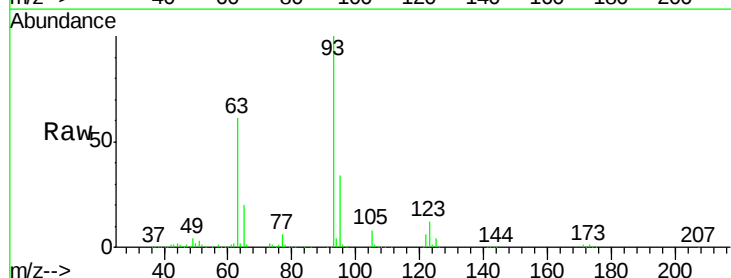
Tgt Ion: 93 Resp: 985200

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

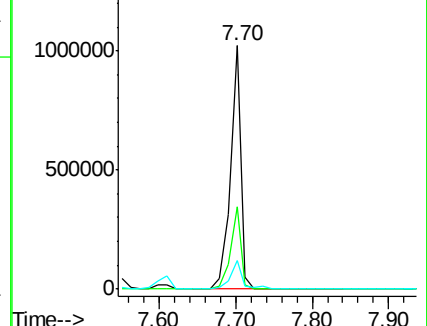
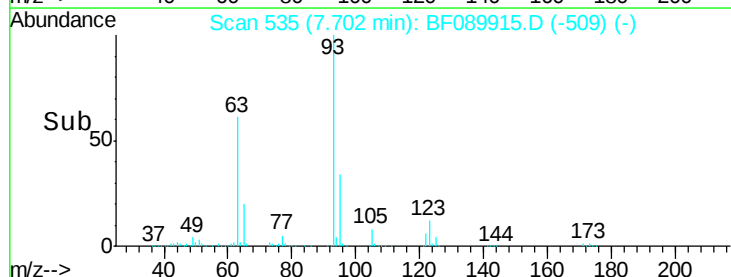
123 11.7 8.5 12.7

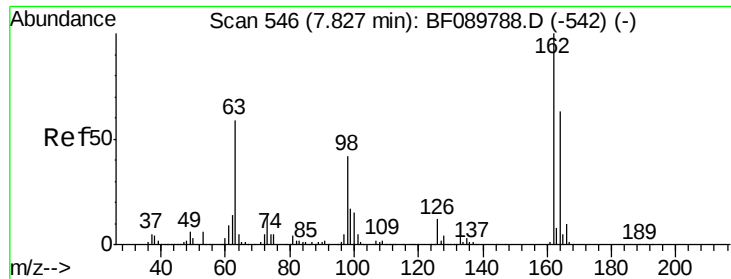


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

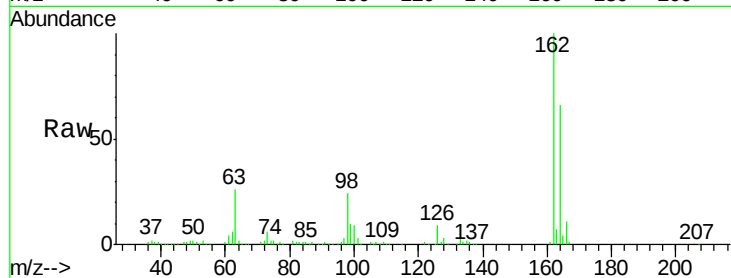




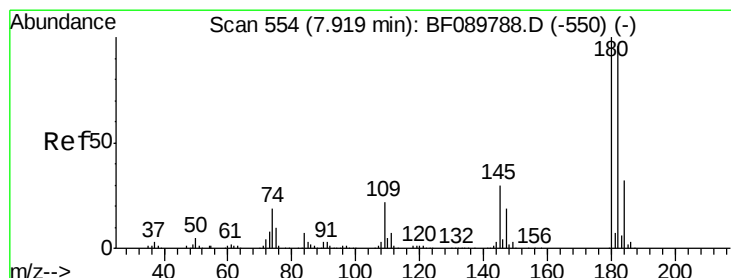
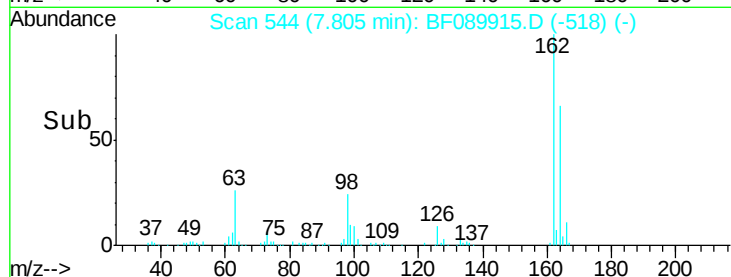
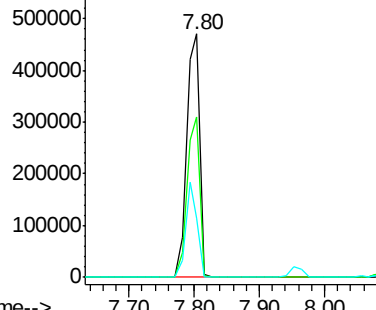
#29
2,4-Dichlorophenol
Concen: 37.52 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :

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

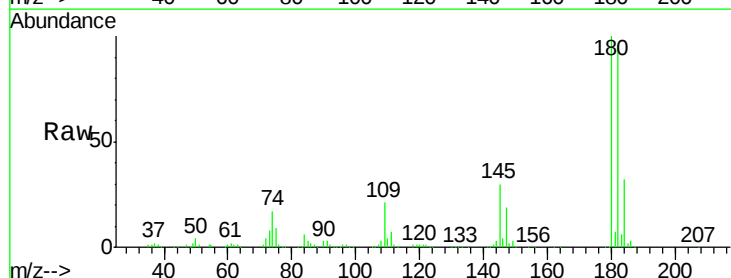


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

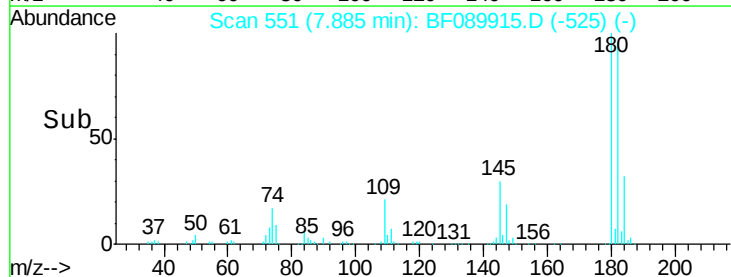
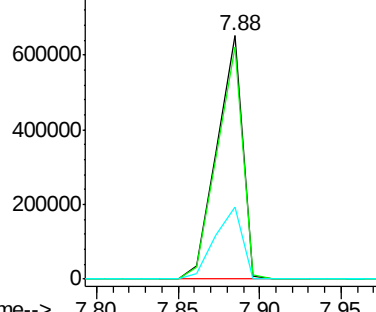


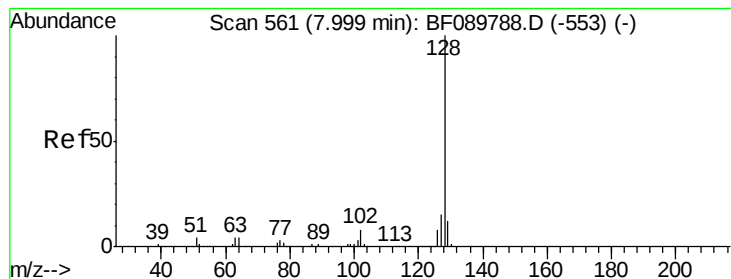
#30
1,2,4-Trichlorobenzene
Concen: 35.65 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

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 :

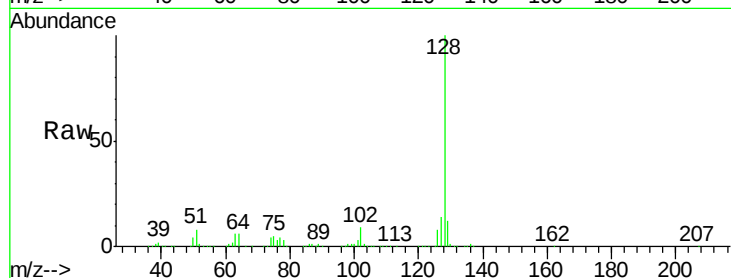
Tot Ion:128 Resp: 2193671

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

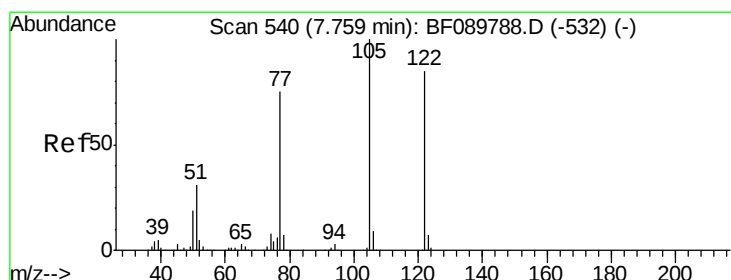
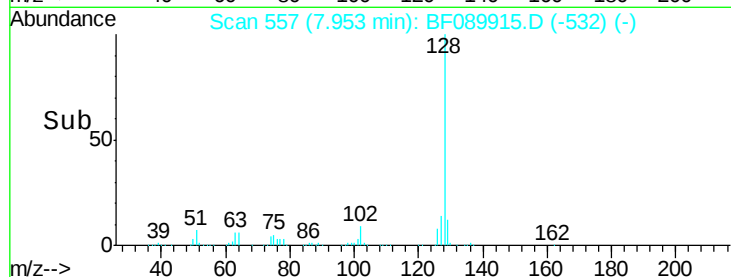
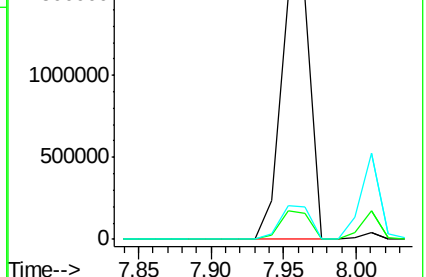
127 13.6 11.3 16.9



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

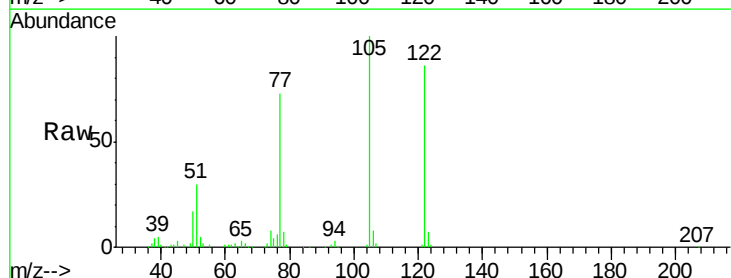
Tgt Ion:122 Resp: 397067

Ion Ratio Lower Upper

122 100

105 116.6 100.8 140.8

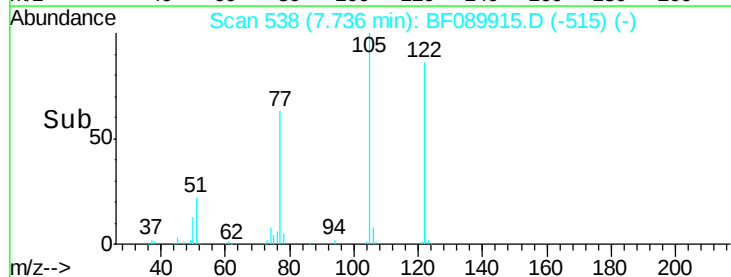
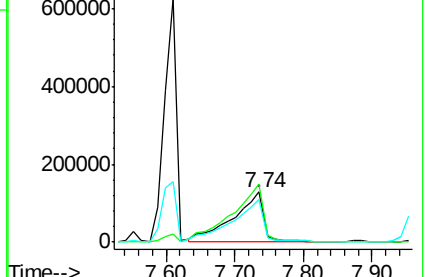
77 85.3 72.1 112.1

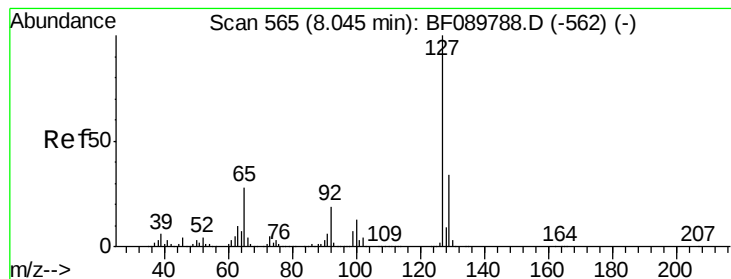


Abundance Ion 122.00 (121.70 to 122.70): E

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

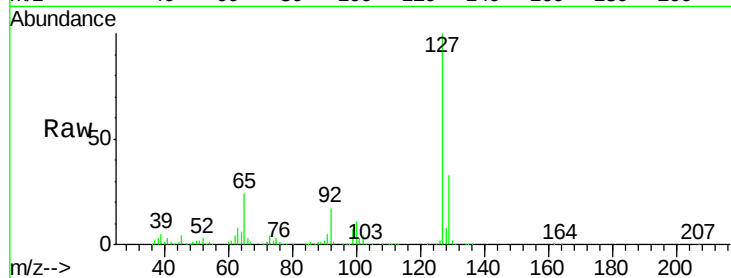
Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

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

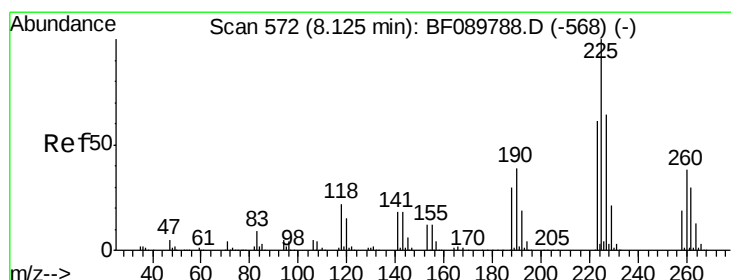
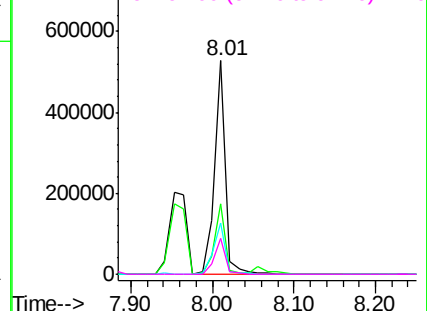
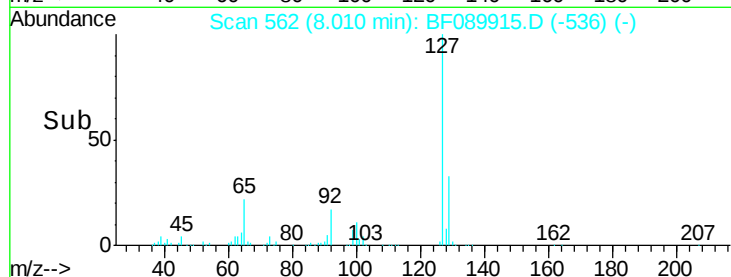


Abundance Ion 127.00 (126.70 to 127.70): E

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

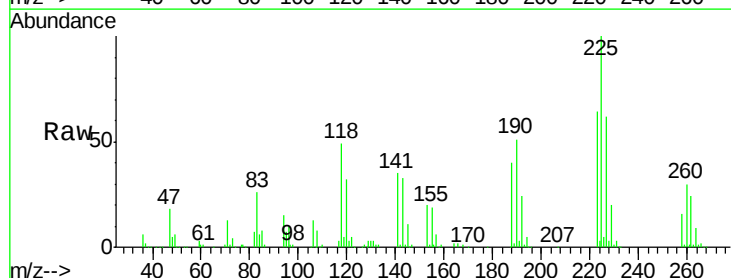
RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

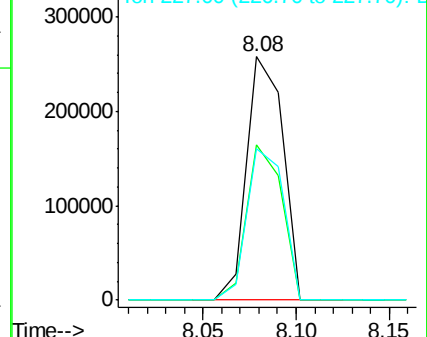
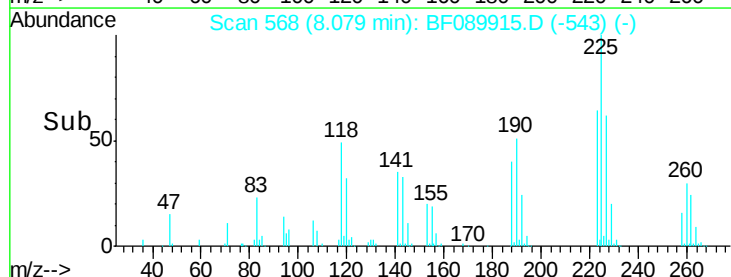
Tgt Ion:	225	Resp:	346616
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.4	49.8	74.6

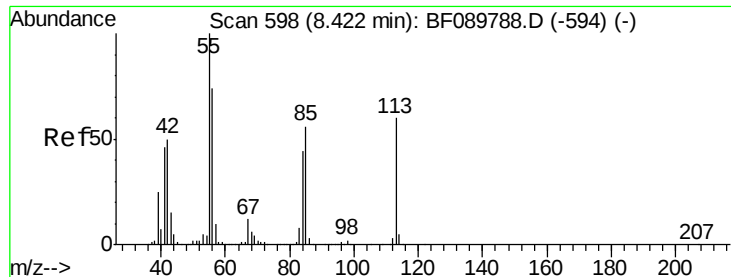


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

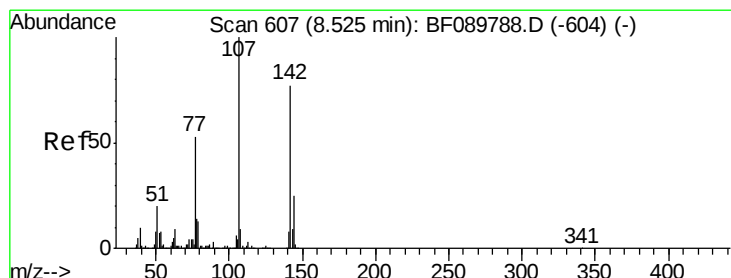
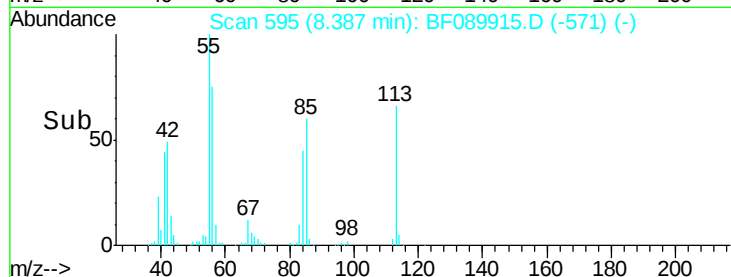
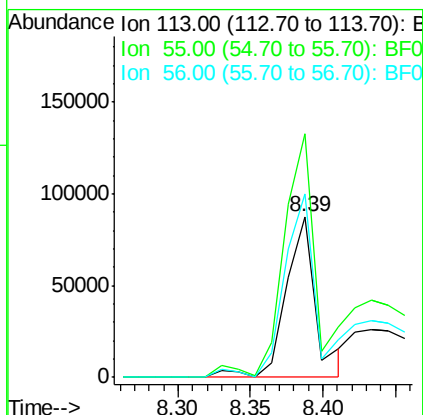
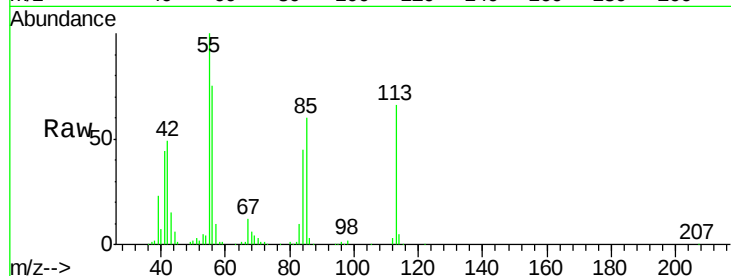




#35
 Caprolactam
 Concen: 22.82 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

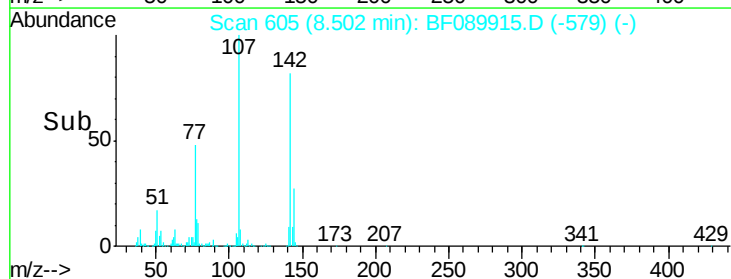
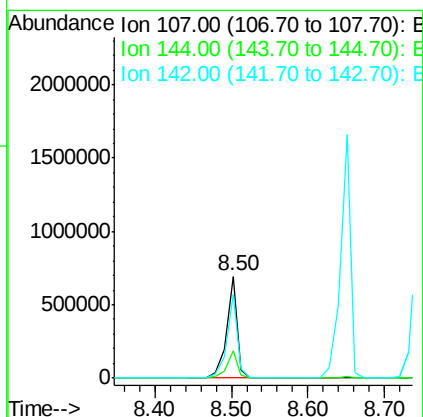
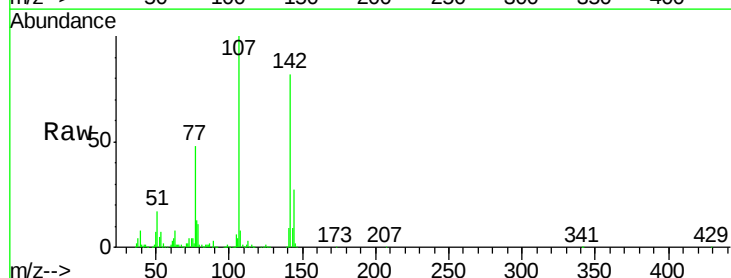
Instrument :
 BNA_F
 ClientSampleId :

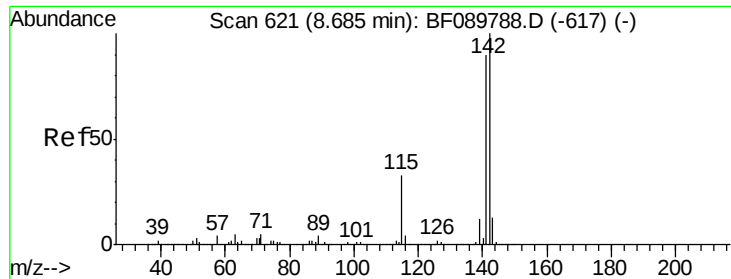
Tot Ion:113 Resp: 125196
 Ion Ratio Lower Upper
 113 100
 55 151.2 135.9 175.9
 56 113.5 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 34.82 ng
 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

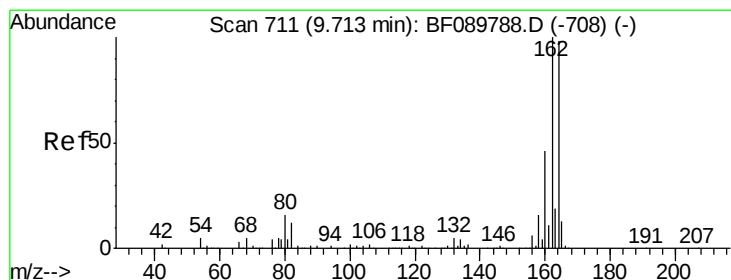
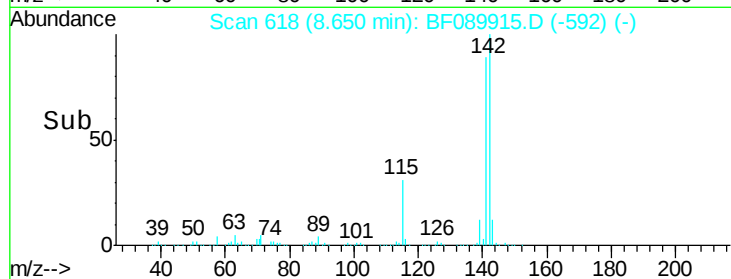
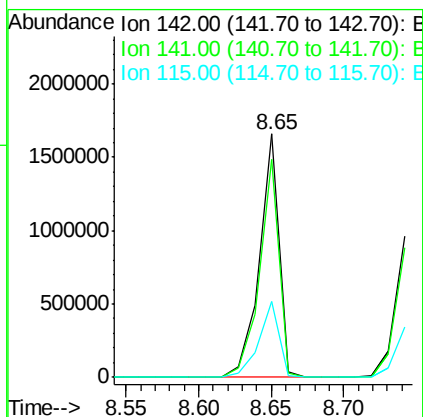
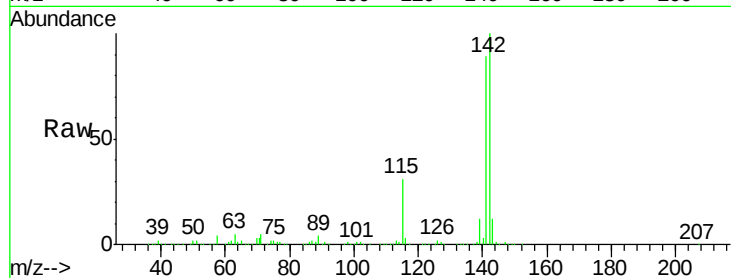




#37
2-Methylnaphthalene
Concen: 38.80 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

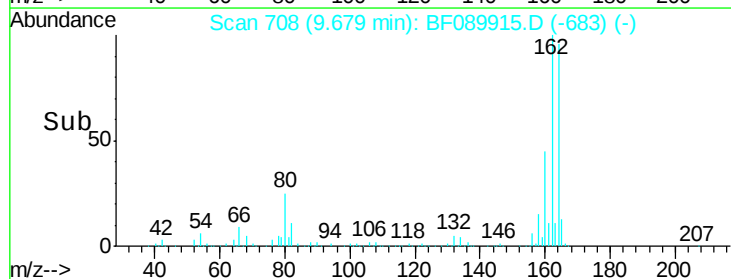
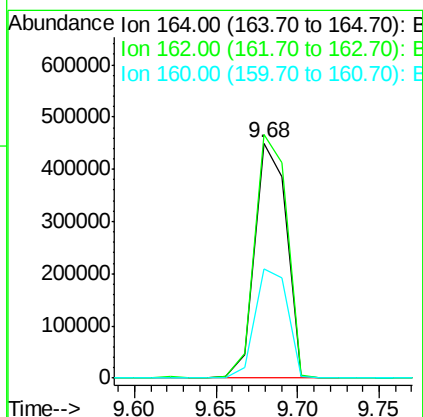
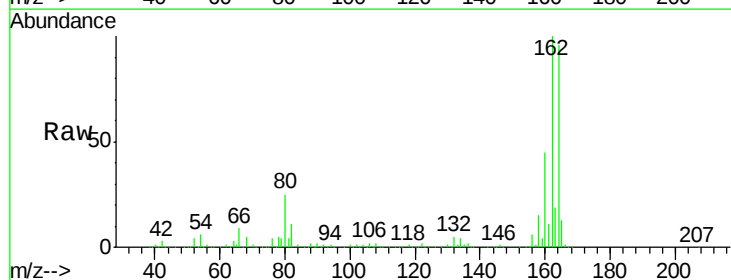
Instrument :
BNA_F
ClientSampled :

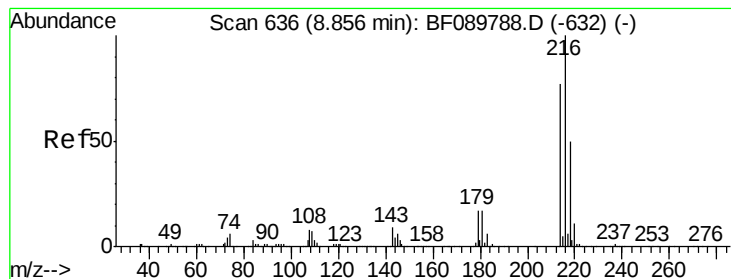
Tot Ion:142 Resp: 1550823
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 31.4 22.7 34.1



#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 :

Tot Ion:216 Resp: 543688

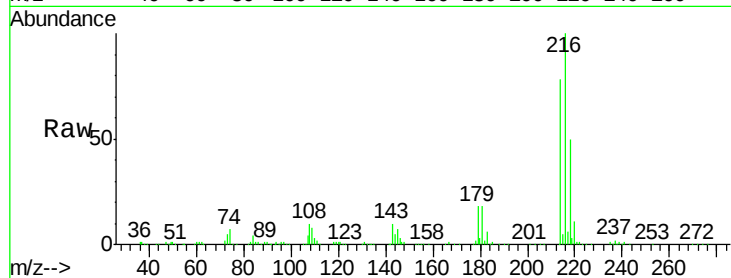
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.9 19.9 29.9

108 20.4 19.9 29.9

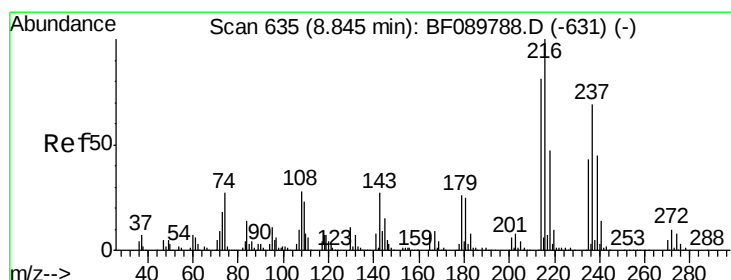
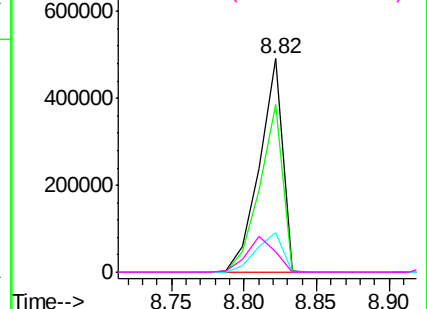
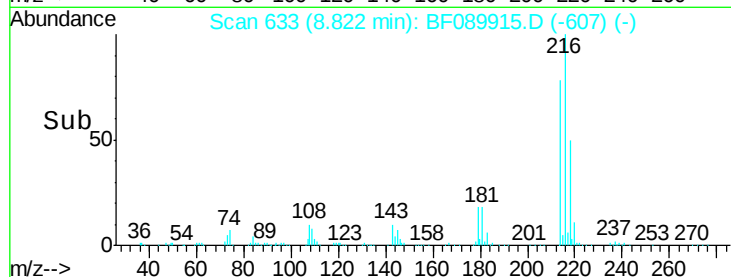


Abundance Ion 216.00 (215.70 to 216.70): E

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

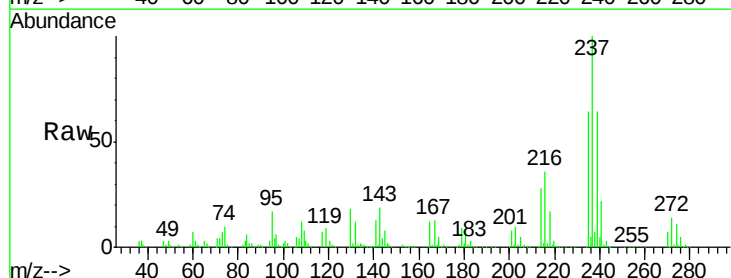
Tgt Ion:237 Resp: 680171

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

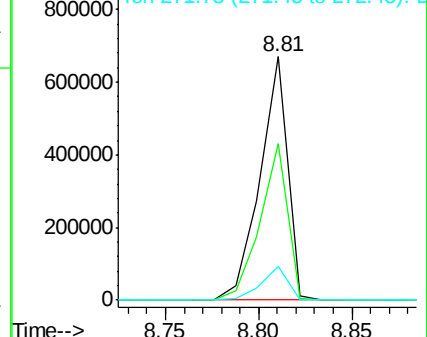
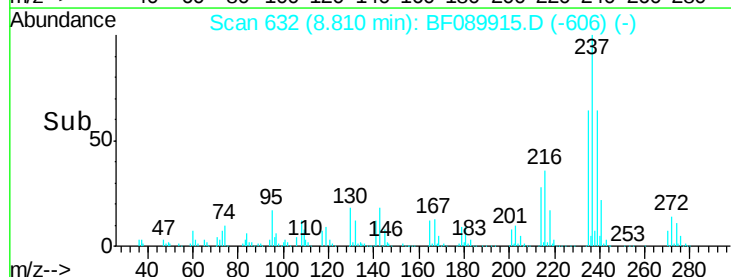
272 14.0 0.0 31.6

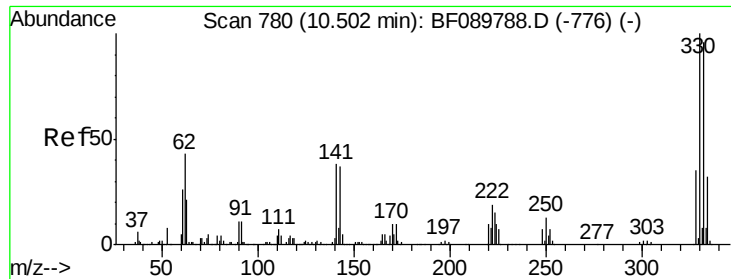


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

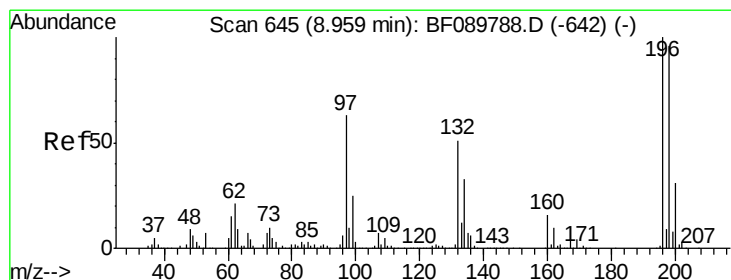
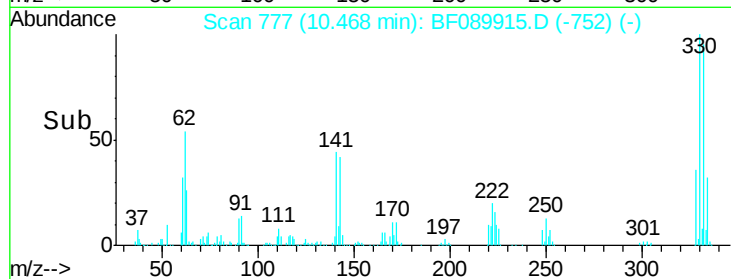
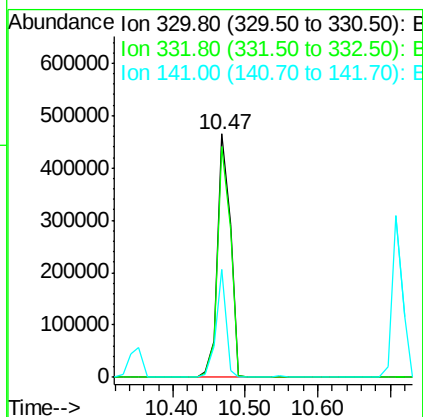
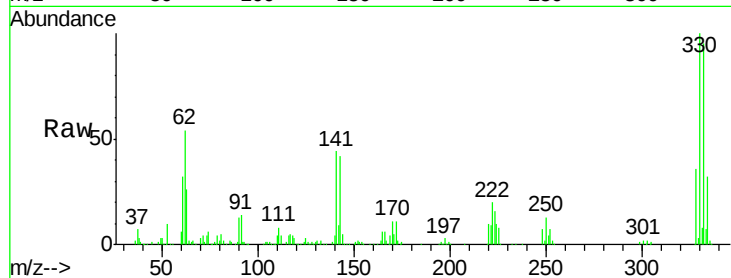




#41
 2,4,6-Tribromophenol
 Concen: 100.65 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

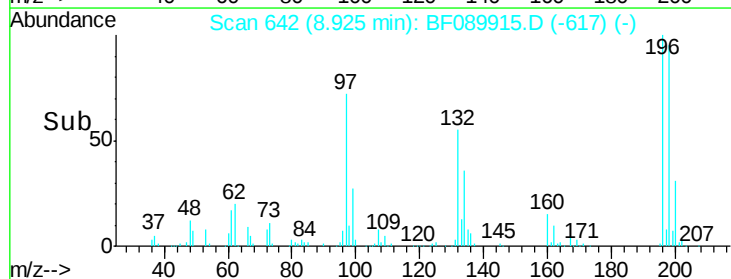
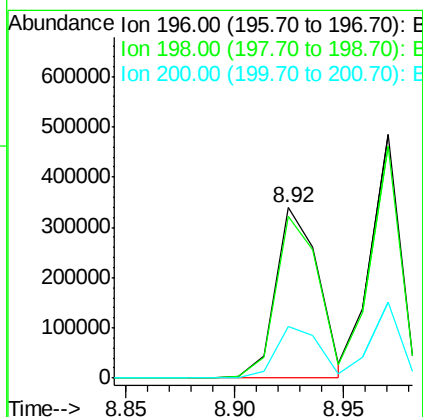
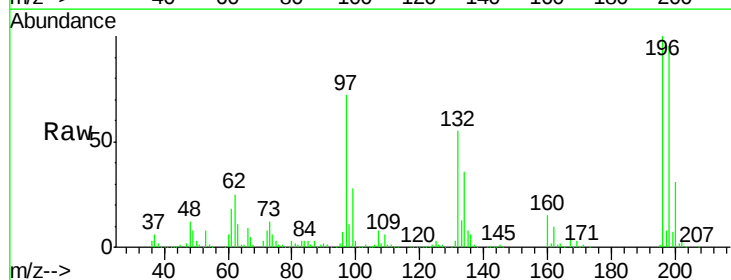
Instrument :
 BNA_F
 ClientSampleId :

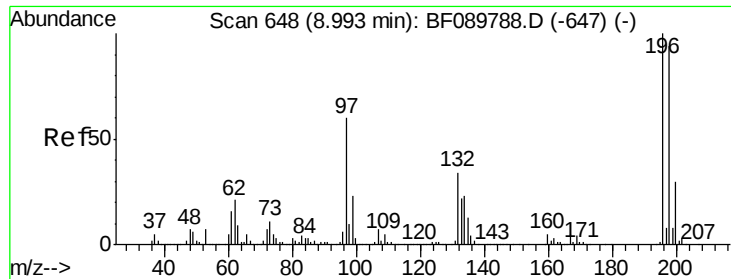
Tot Ion:330 Resp: 580914
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 34.0 30.2 45.2



#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

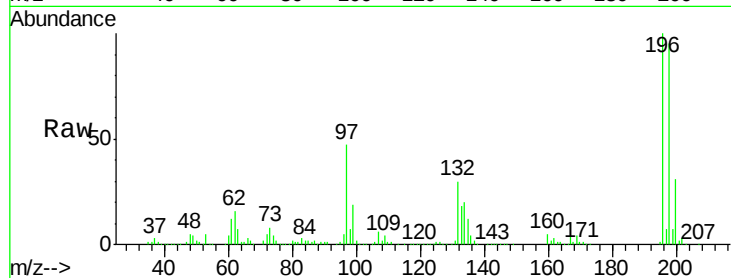




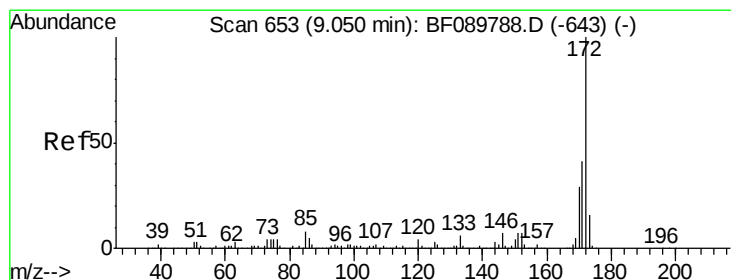
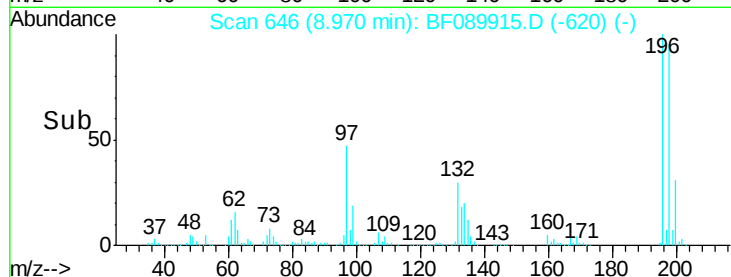
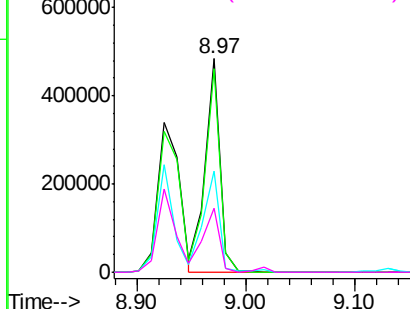
#43
 2,4,5-Trichlorophenol
 Concen: 37.56 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampled :

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

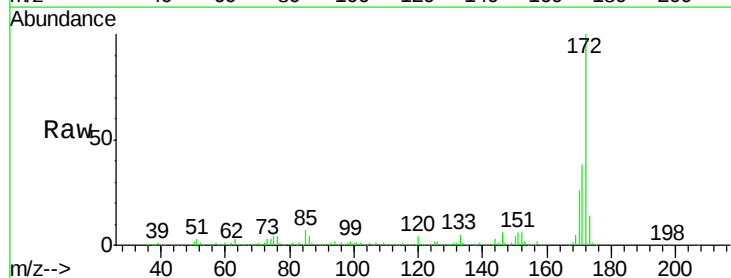


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

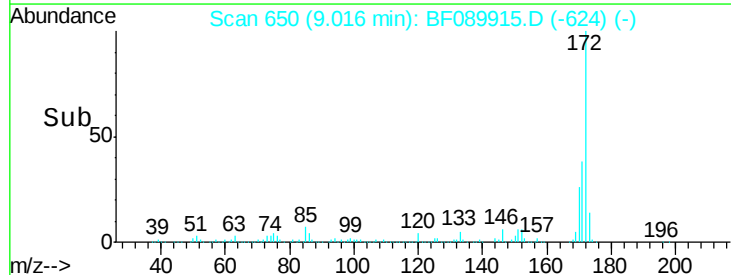
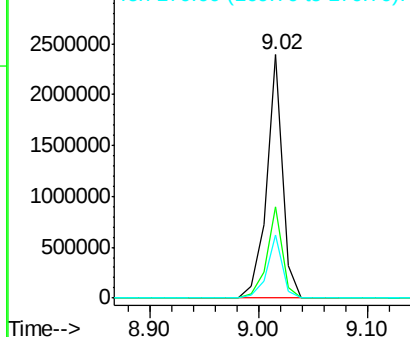


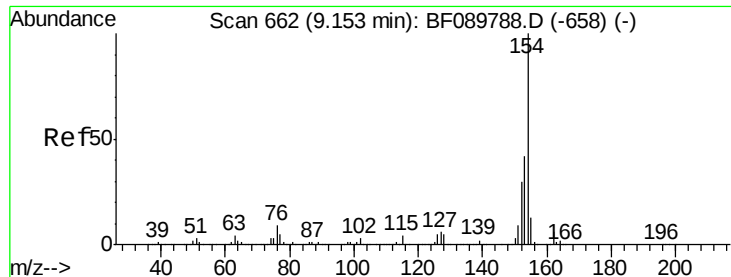
#44
 2-Fluorobiphenyl
 Concen: 70.52 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

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 :

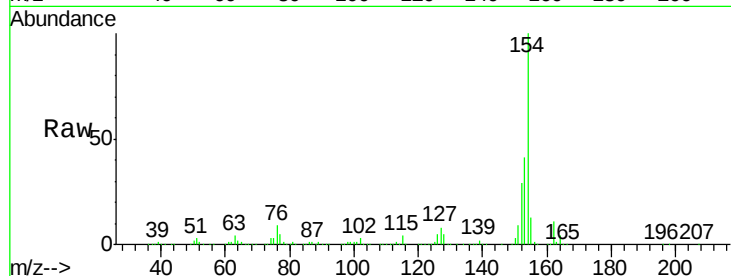
Tot Ion:154 Resp: 1673956

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

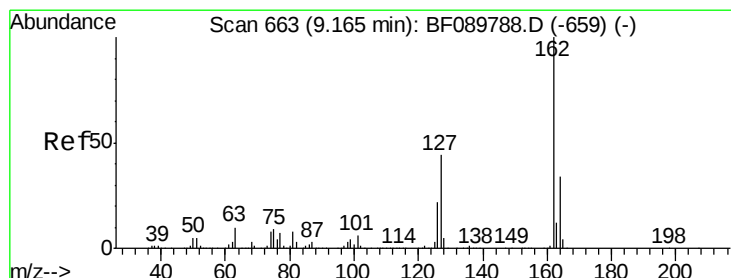
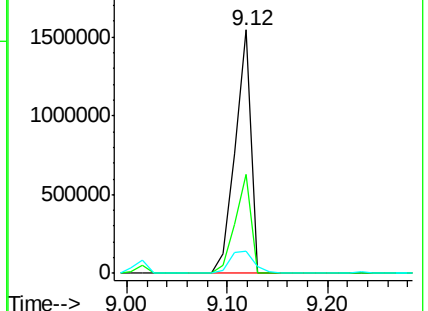
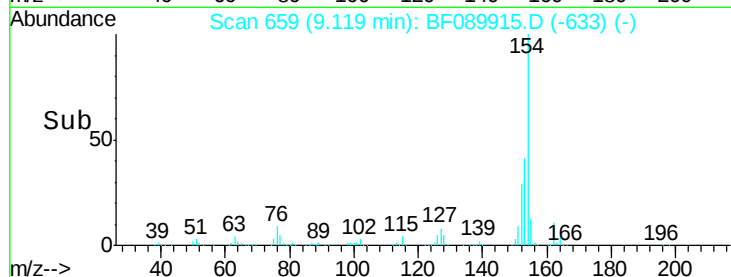
76 9.1 0.0 36.7



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

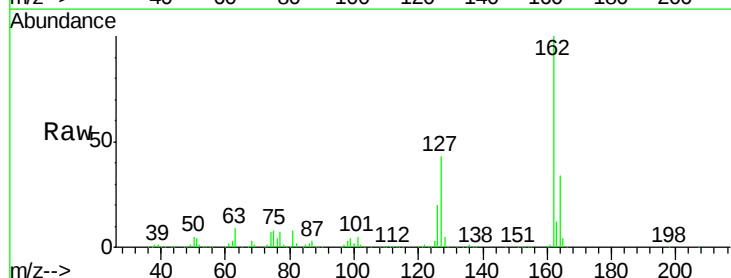
Tgt Ion:162 Resp: 1343194

Ion Ratio Lower Upper

162 100

127 42.7 35.5 53.3

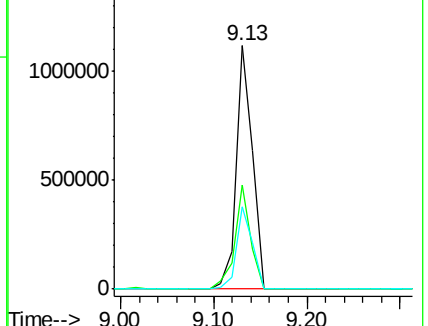
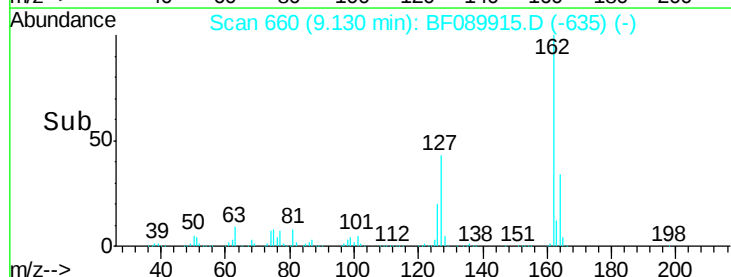
164 33.8 26.6 40.0

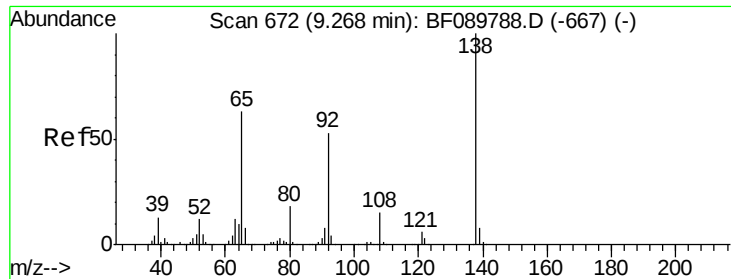


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

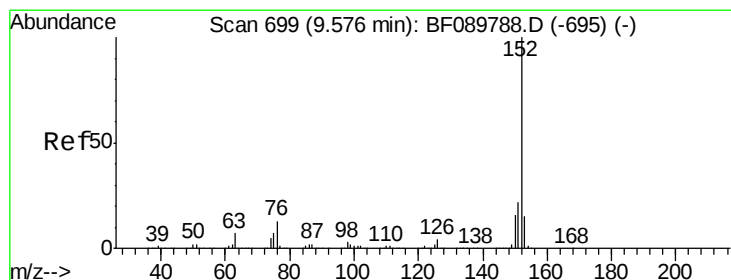
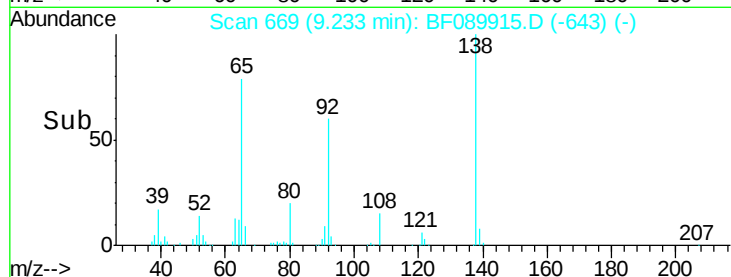
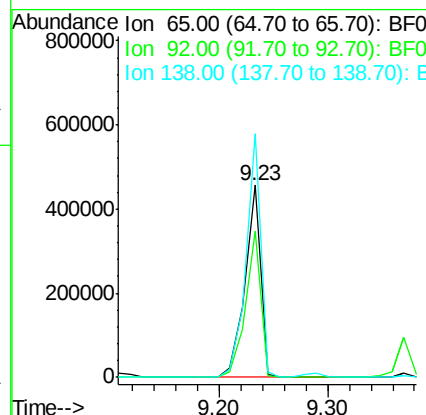
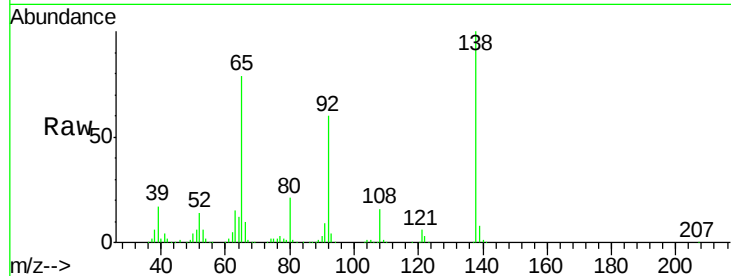




#47
 2-Nitroaniline
 Concen: 42.44 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

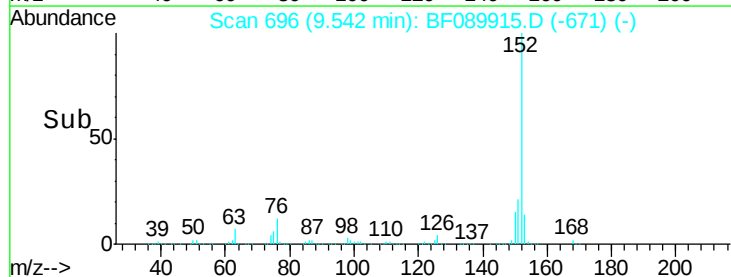
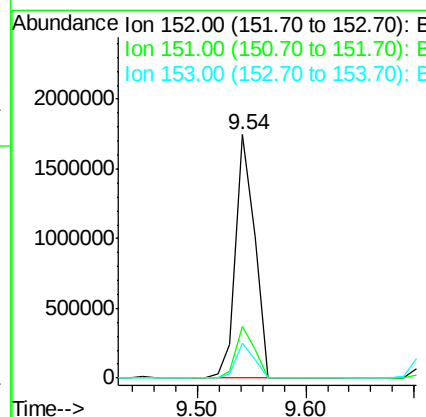
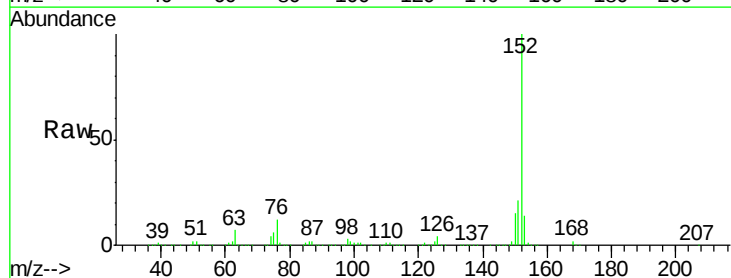
Instrument :
 BNA_F
 ClientSampleId :

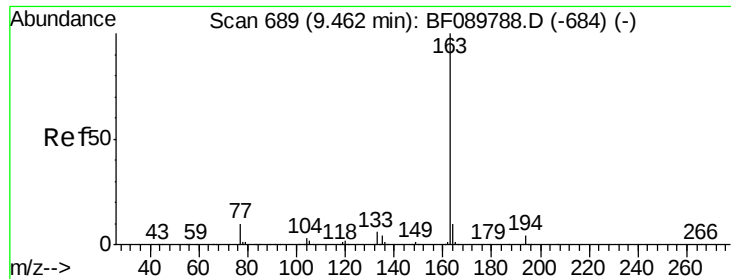
Tot Ion: 65 Resp: 449762
 Ion Ratio Lower Upper
 65 100
 92 76.4 56.3 84.5
 138 126.6 81.8 122.8#



#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

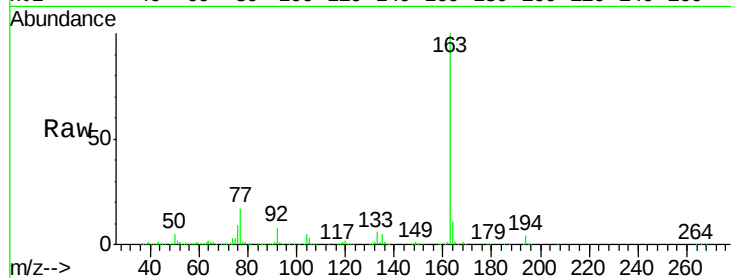




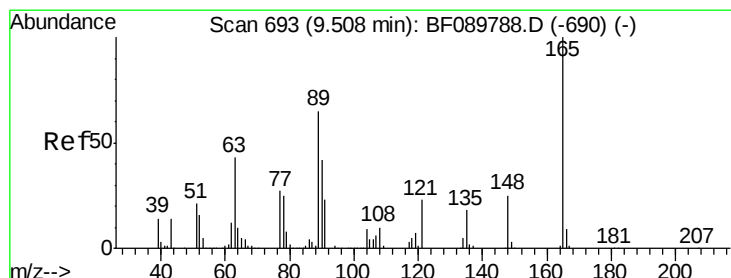
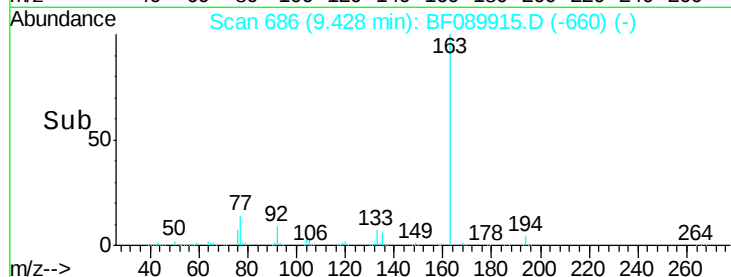
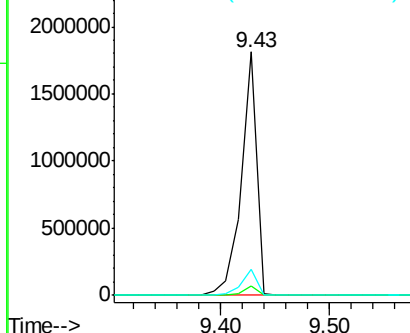
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampled :

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

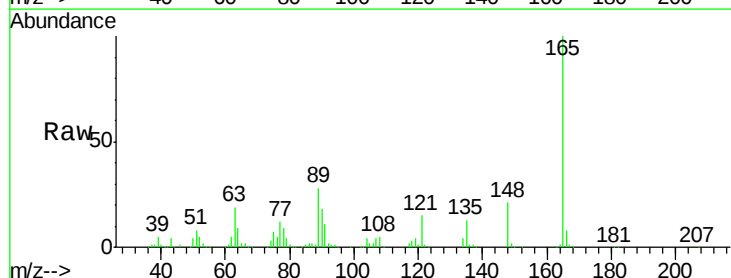


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

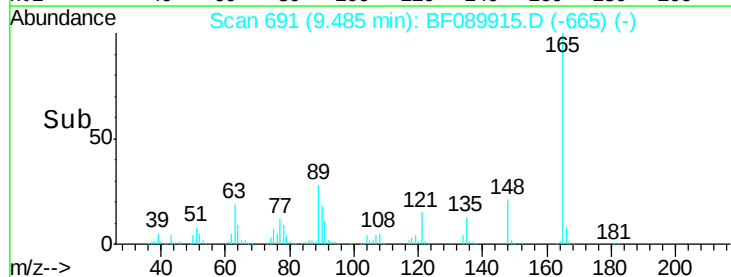
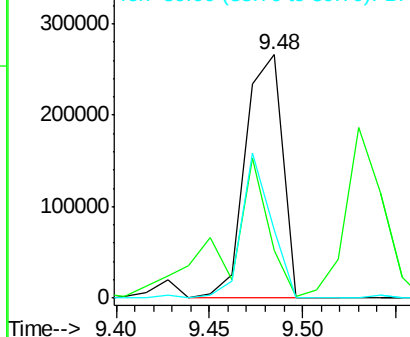


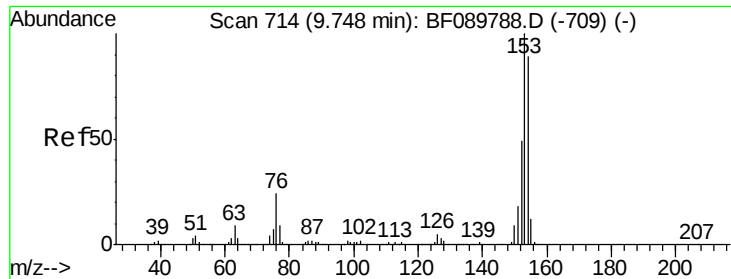
#50
2,6-Dinitrotoluene
Concen: 36.87 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

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

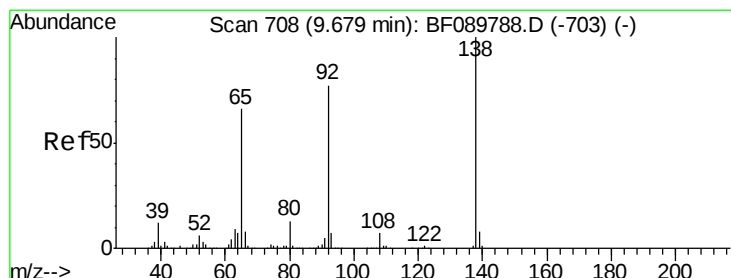
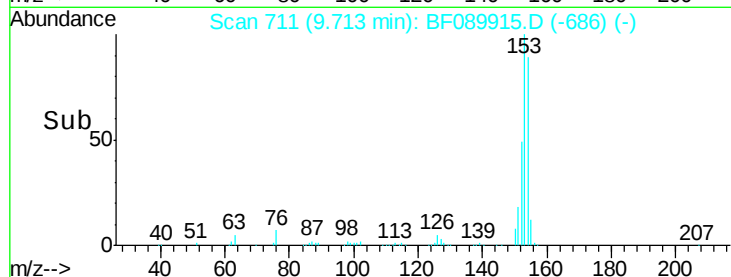
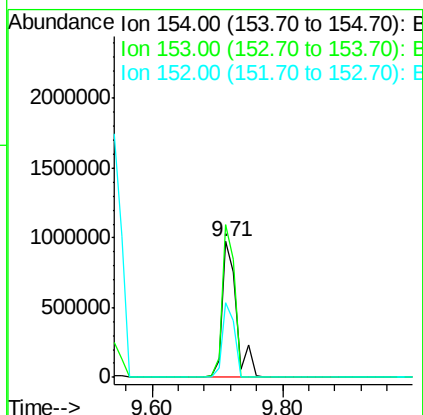
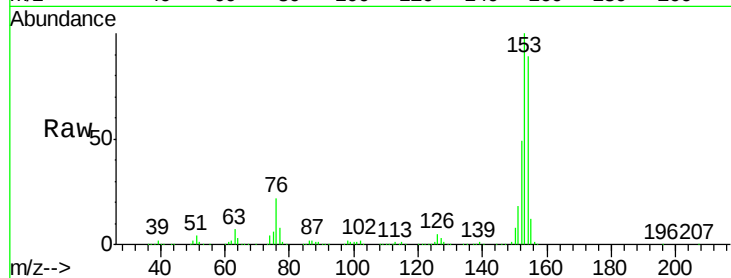




#51
Acenaphthene
Concen: 40.49 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

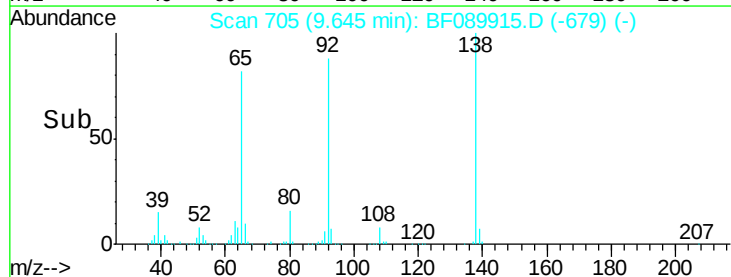
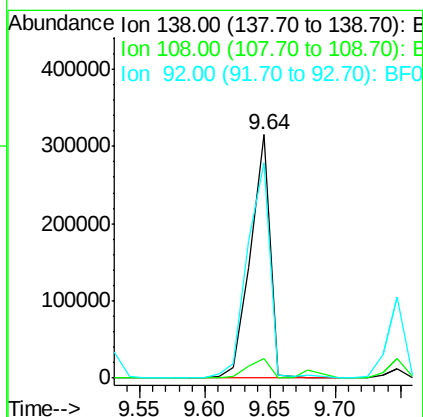
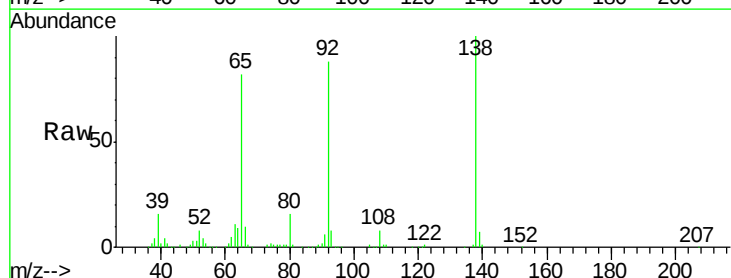
Instrument :
BNA_F
ClientSampled :

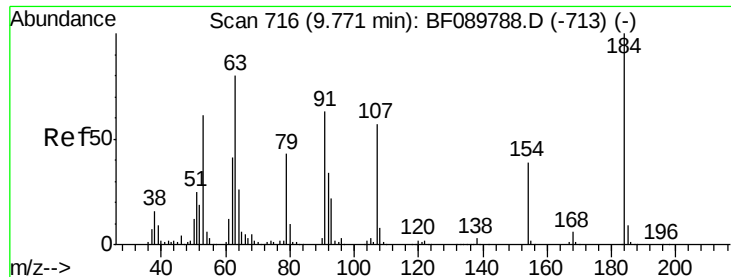
Tot Ion:154 Resp: 1495869
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 54.6 44.6 67.0



#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#

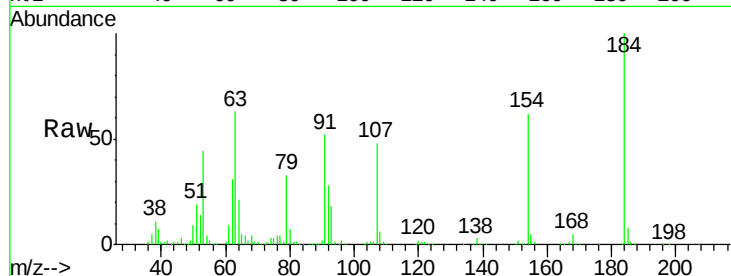




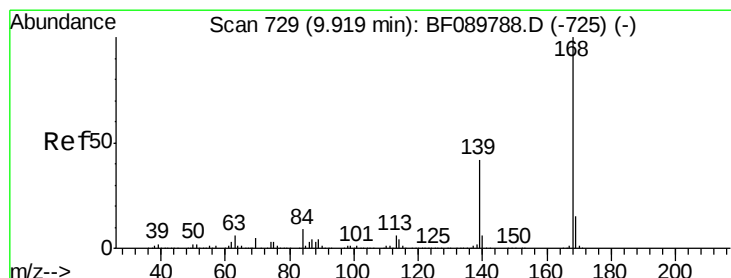
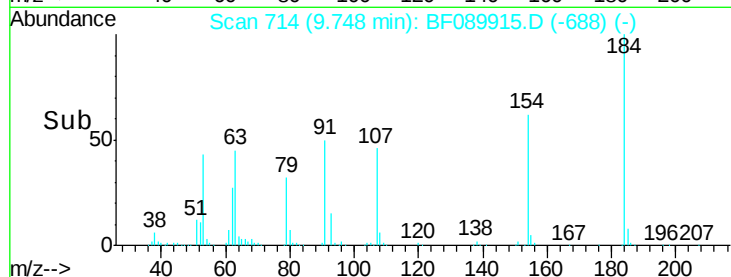
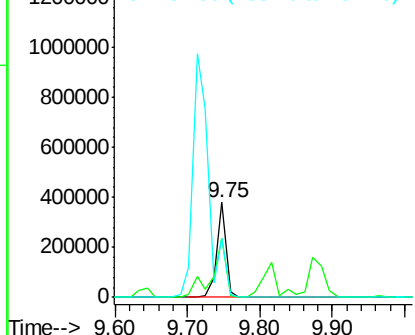
#53
 2,4-Dinitrophenol
 Concen: 64.73 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :

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

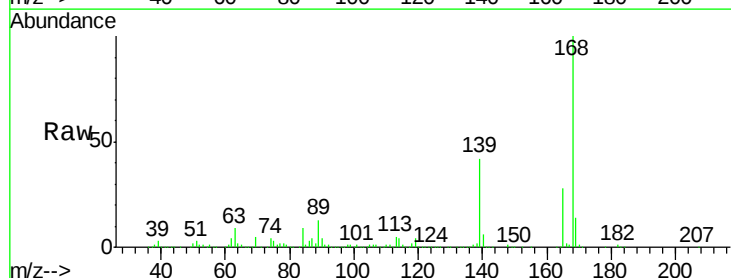


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

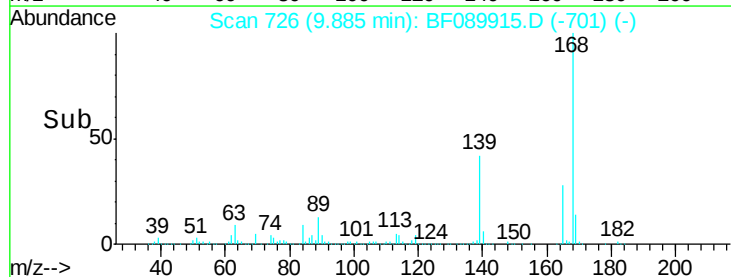
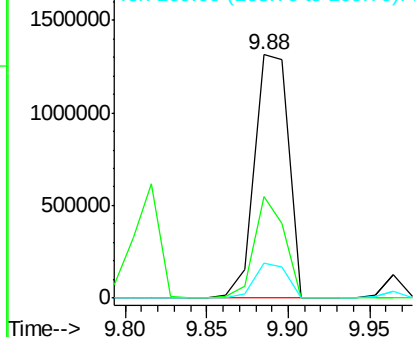


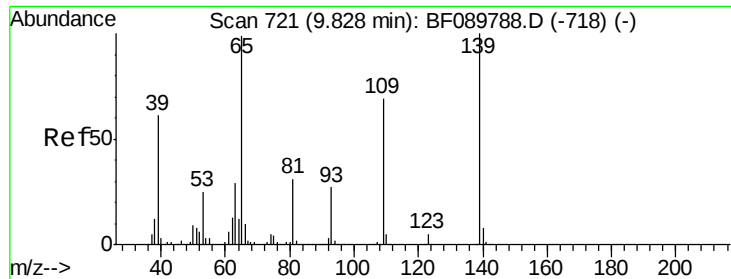
#54
 Dibenzofuran
 Concen: 41.10 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

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



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

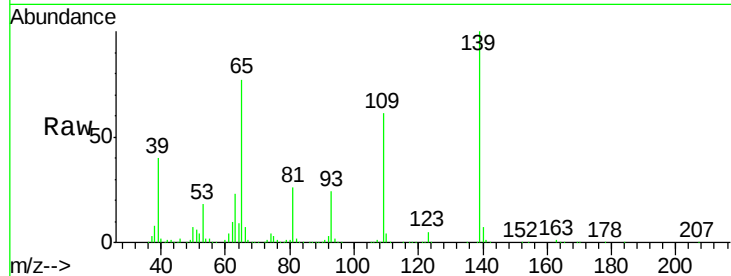




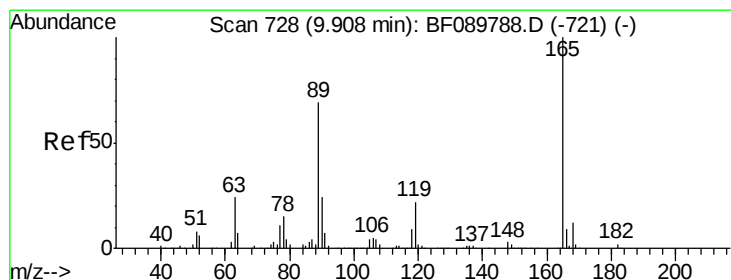
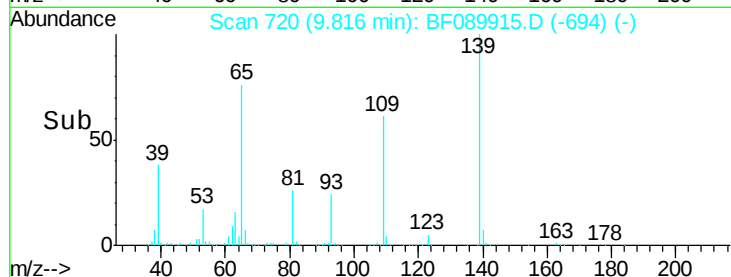
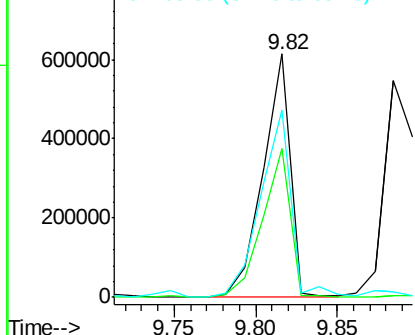
#55
4-Nitrophenol
Concen: 80.01 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

Instrument :
BNA_F
ClientSampleId :

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



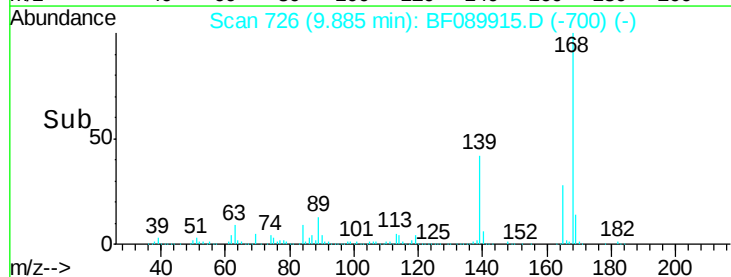
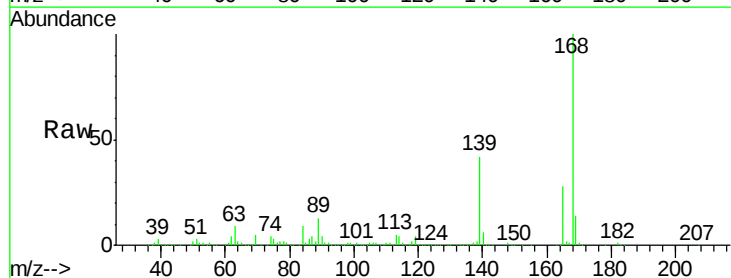
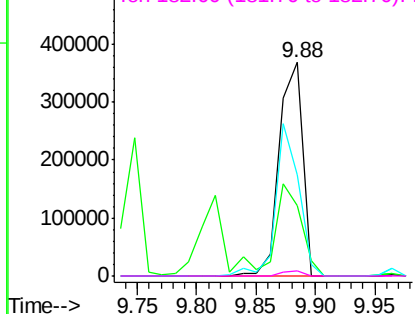
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

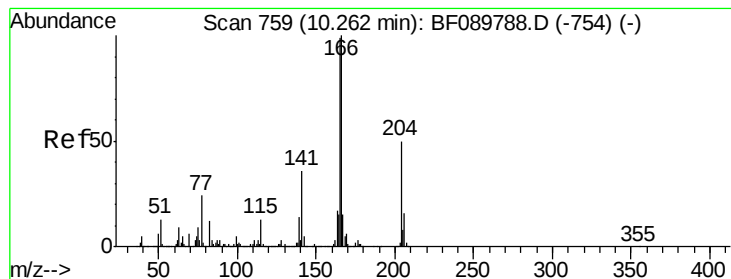


#56
2,4-Dinitrotoluene
Concen: 38.87 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

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 :

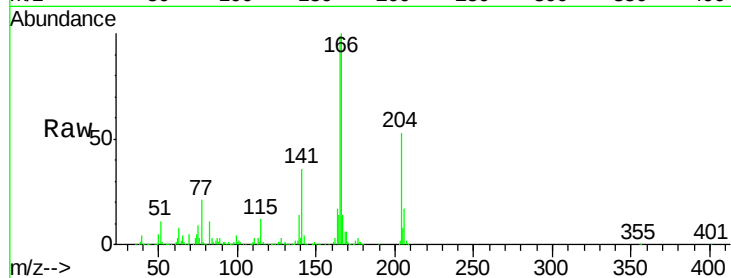
Tot Ion:166 Resp: 1228413

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

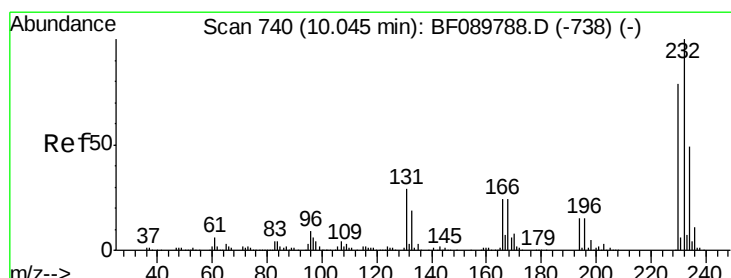
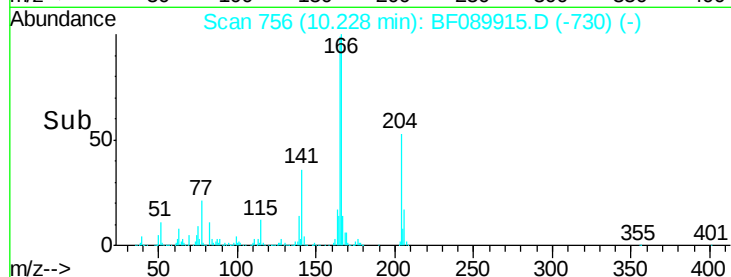
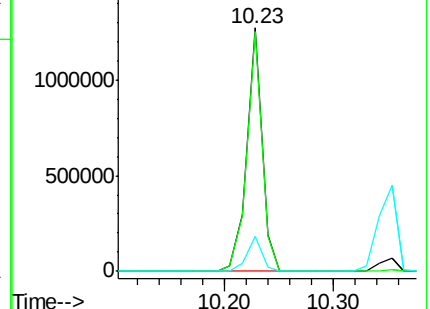
167 14.4 11.3 16.9



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

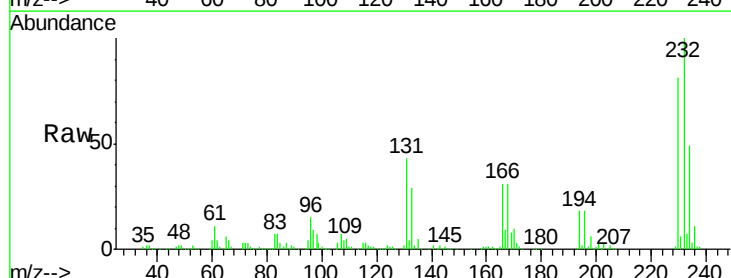
Ion Ratio Lower Upper

232 100

131 50.2 42.5 63.7

130 2.3 2.2 3.4

166 33.5 27.3 40.9

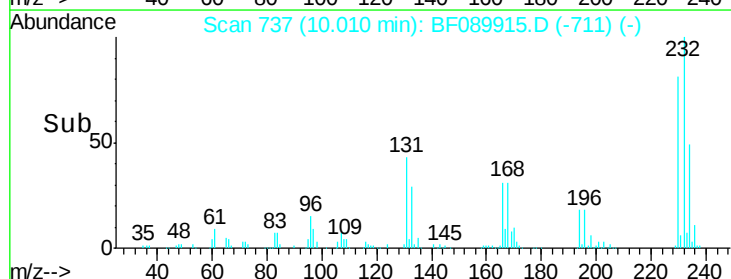
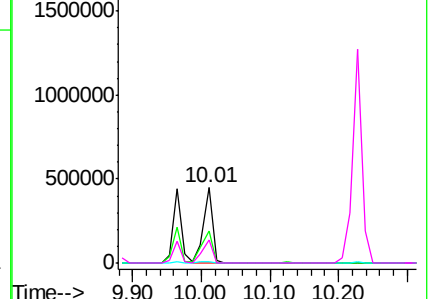


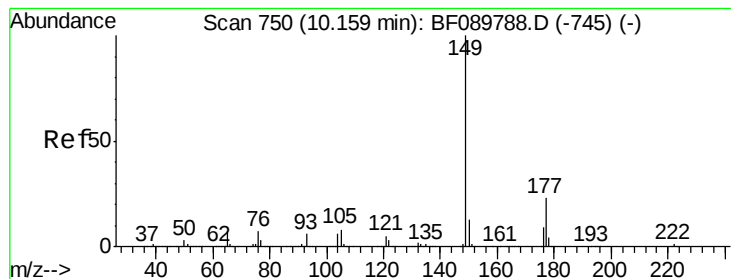
Abundance Ion 232.00 (231.70 to 232.70): E

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 :

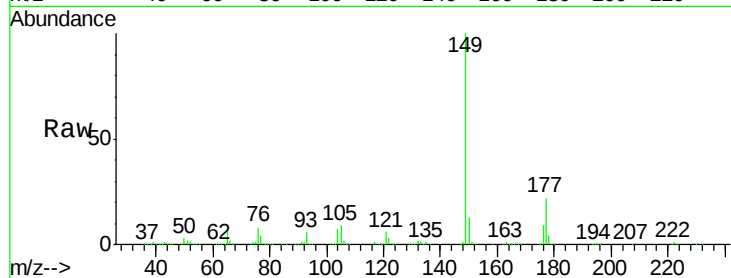
Tot Ion:149 Resp: 1701855

Ion Ratio Lower Upper

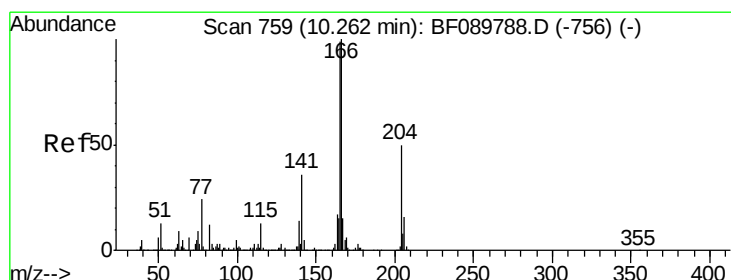
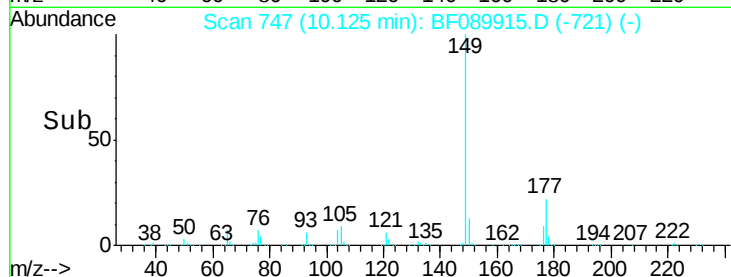
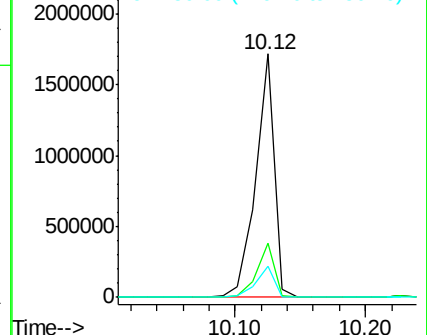
149 100

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

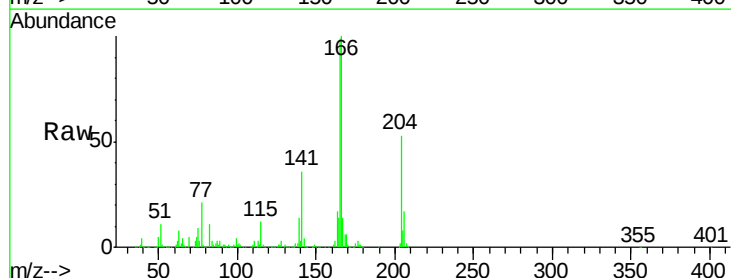
Tgt Ion:204 Resp: 572159

Ion Ratio Lower Upper

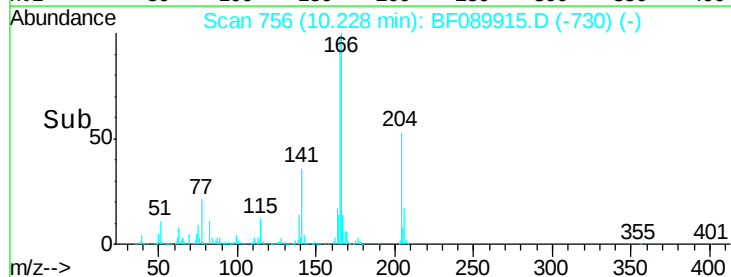
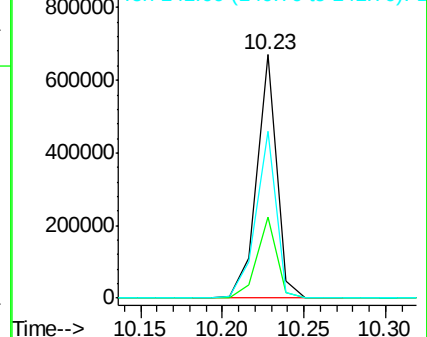
204 100

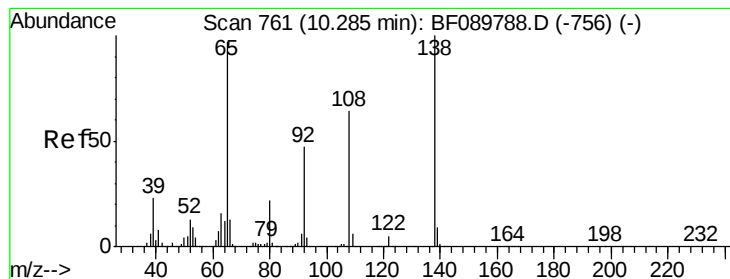
206 33.1 26.5 39.7

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 :

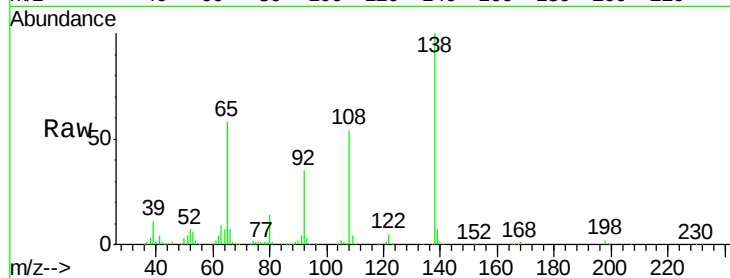
Tot Ion:138 Resp: 444610

Ion Ratio Lower Upper

138 100

92 34.5 26.4 66.4

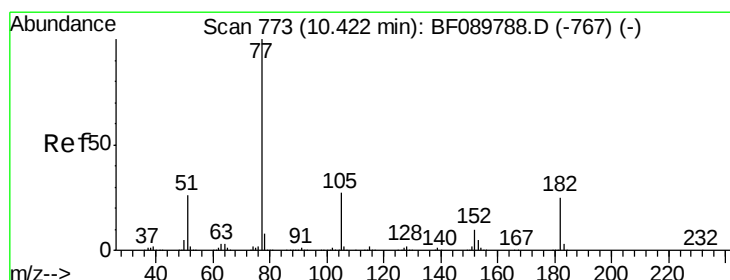
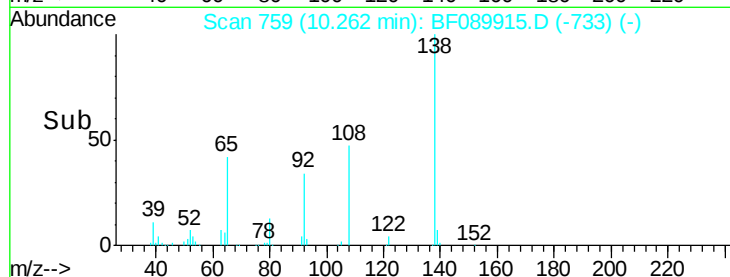
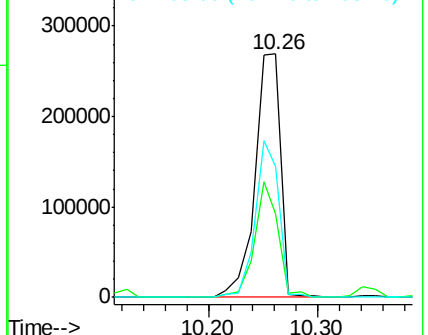
108 53.6 47.0 87.0



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

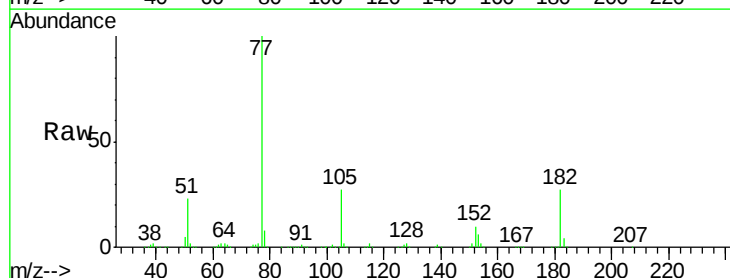
Ion Ratio Lower Upper

77 100

182 26.7 5.6 45.6

105 26.8 4.0 44.0

51 23.2 7.8 47.8

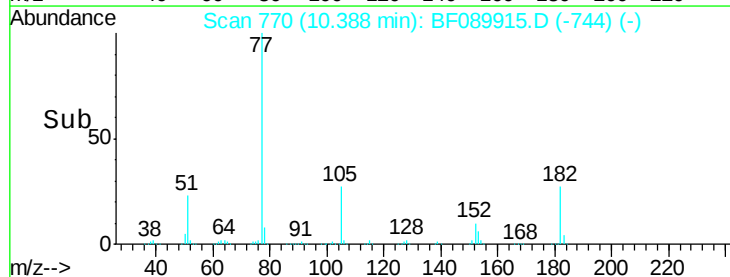
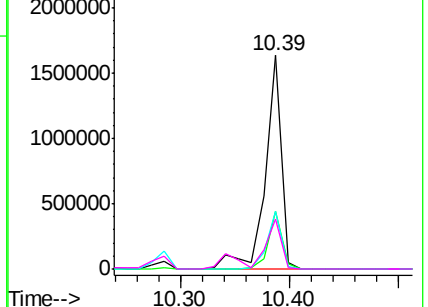


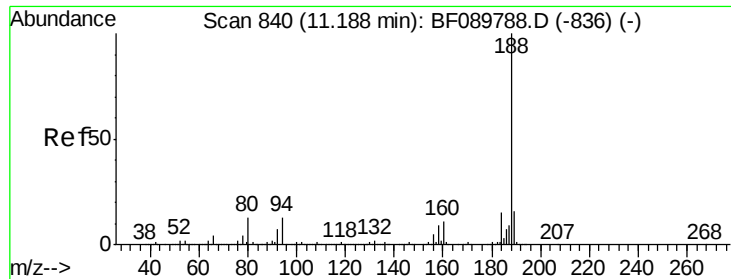
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

ClientSampled :

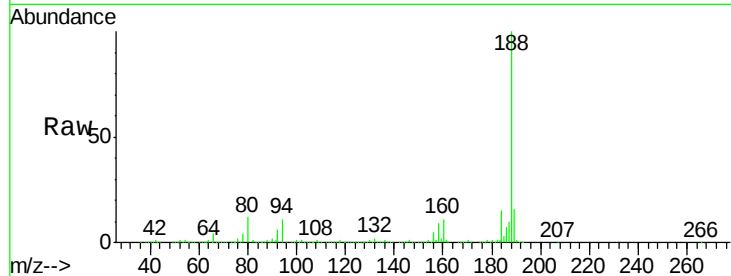
Tot Ion:188 Resp: 1106585

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

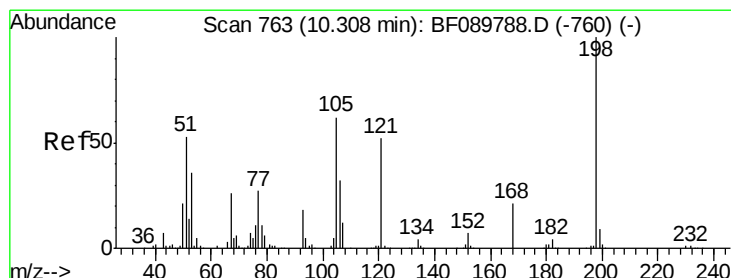
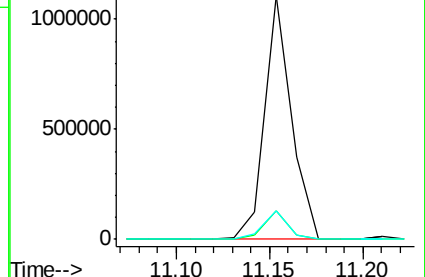
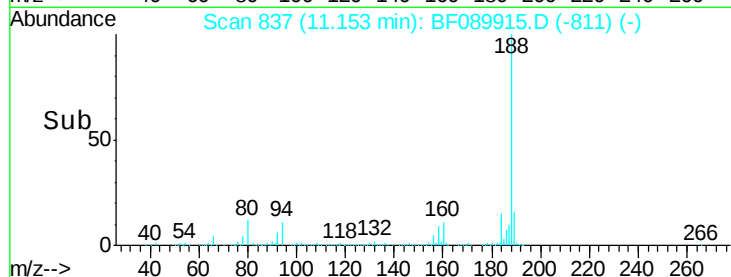
80 11.7 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

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

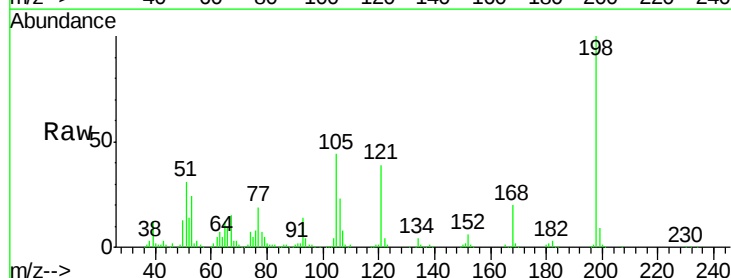
Tgt Ion:198 Resp: 273166

Ion Ratio Lower Upper

198 100

51 30.5 32.3 72.3#

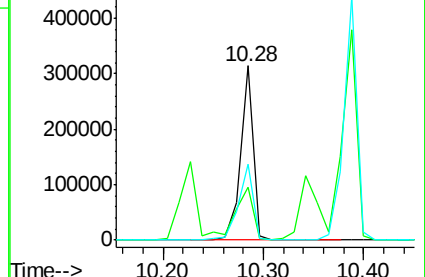
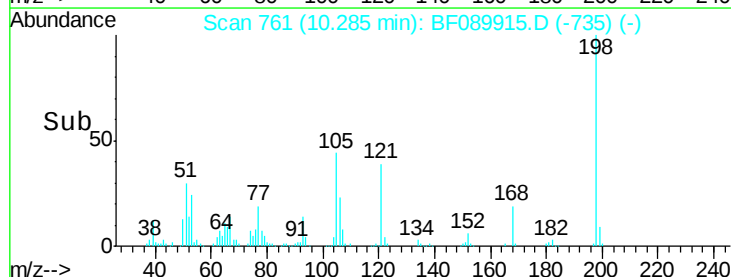
105 43.9 32.9 72.9

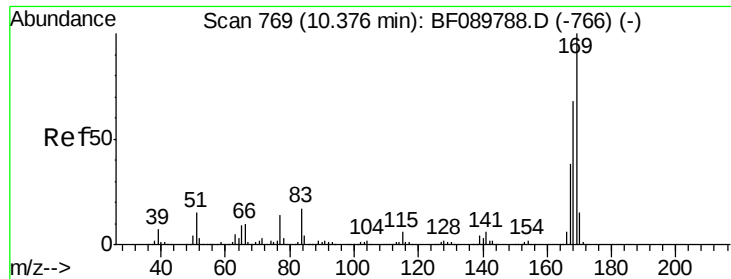


Abundance Ion 198.00 (197.70 to 198.70): E

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 :

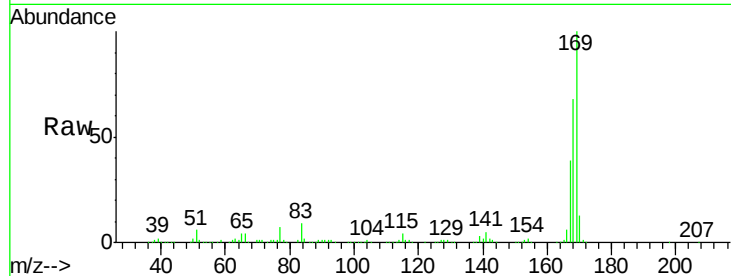
Tot Ion:169 Resp: 1414317

Ion Ratio Lower Upper

169 100

168 68.1 54.6 82.0

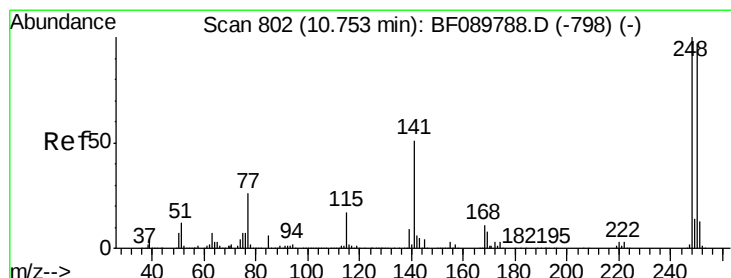
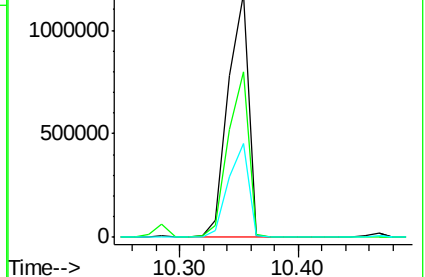
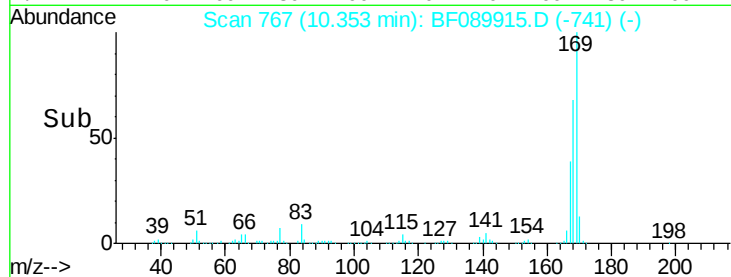
167 38.5 30.6 45.8



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

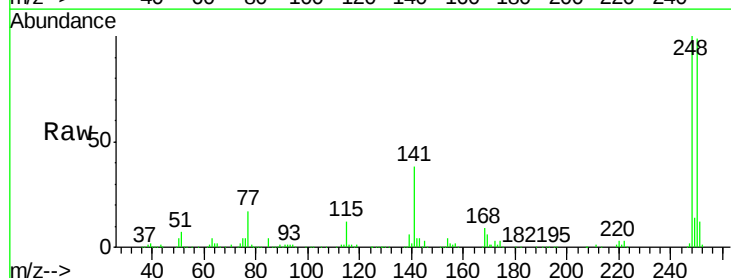
Tgt Ion:248 Resp: 417444

Ion Ratio Lower Upper

248 100

250 99.4 78.6 117.8

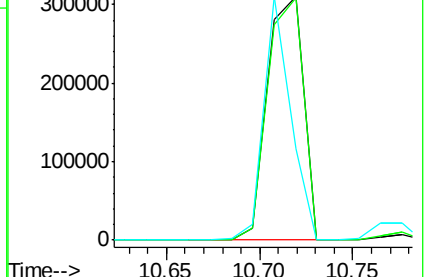
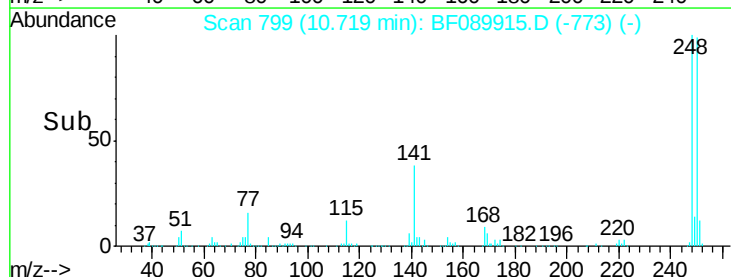
141 37.7 31.4 47.2

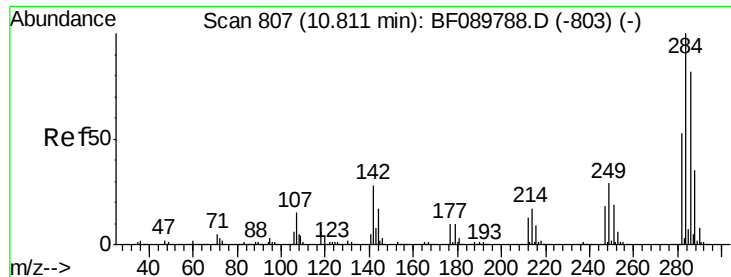


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

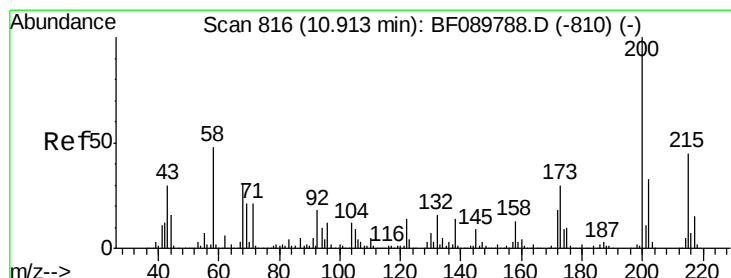
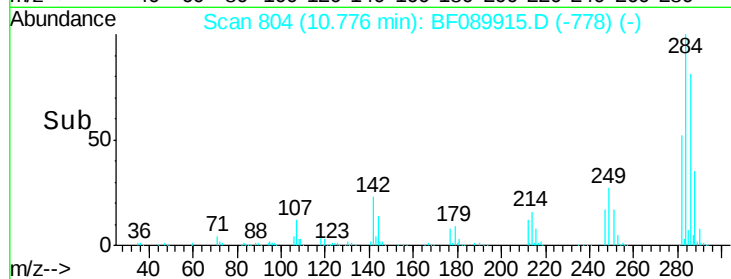
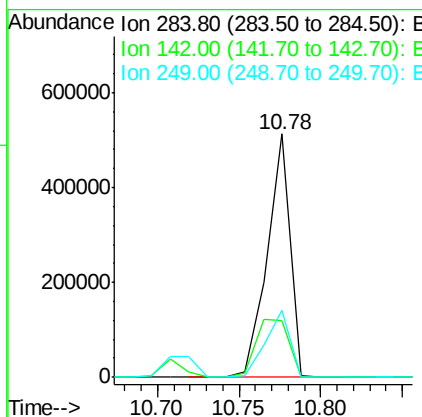
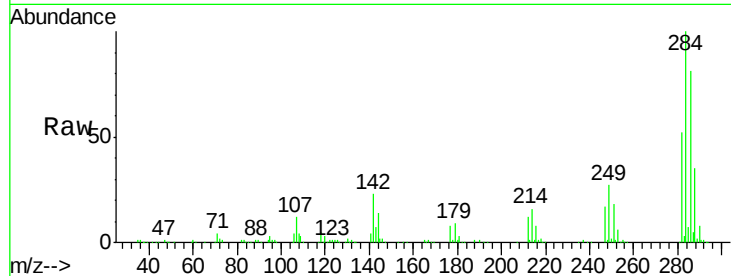




#67
Hexachlorobenzene
Concen: 37.81 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

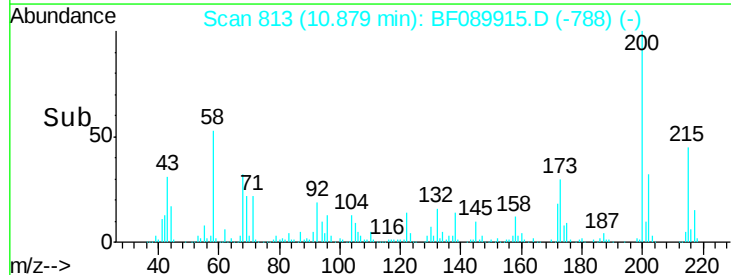
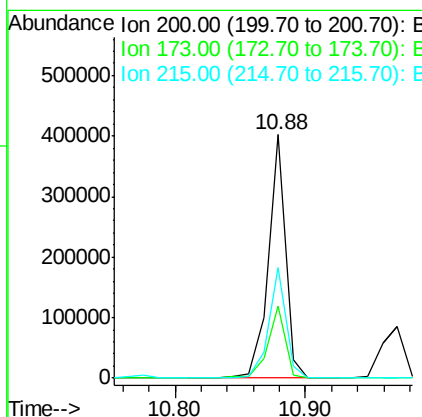
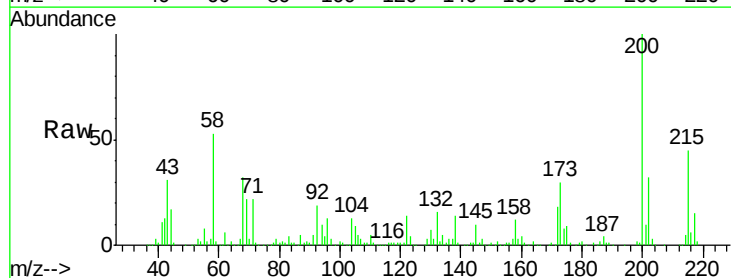
Instrument :
BNA_F
ClientSampleId :

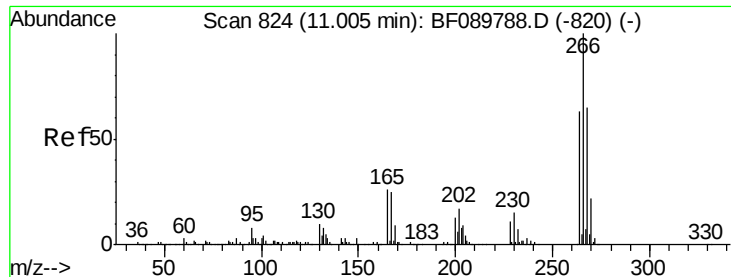
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.2	17.4	26.2
249	27.3	22.8	34.2



#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	Ratio	Lower	Upper
200	100		
173	29.7	6.6	46.6
215	45.3	24.7	64.7

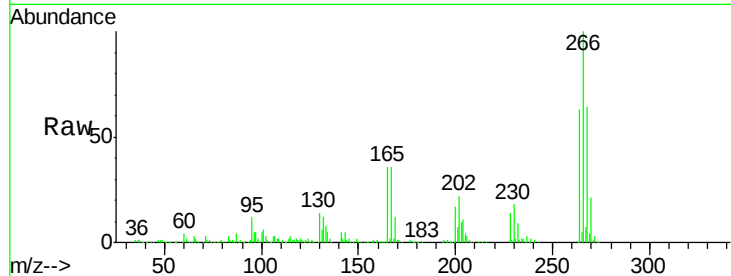




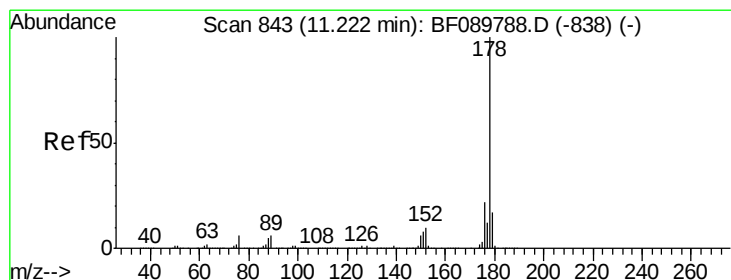
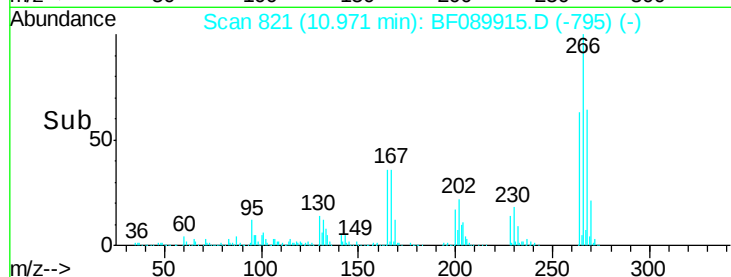
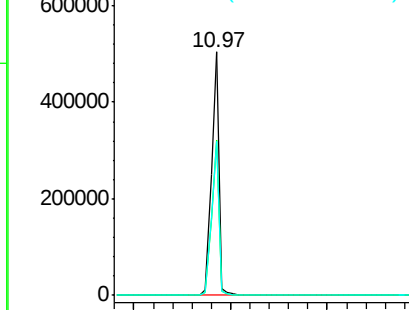
#69
 Pentachlorophenol
 Concen: 73.39 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :

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

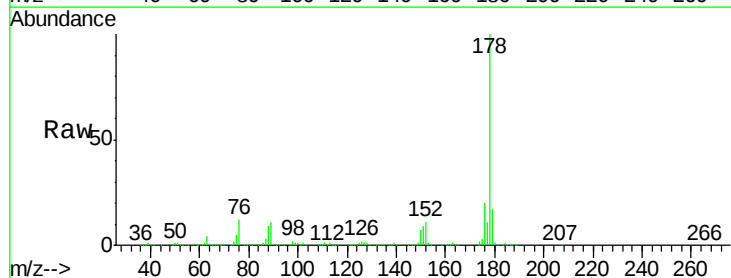


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

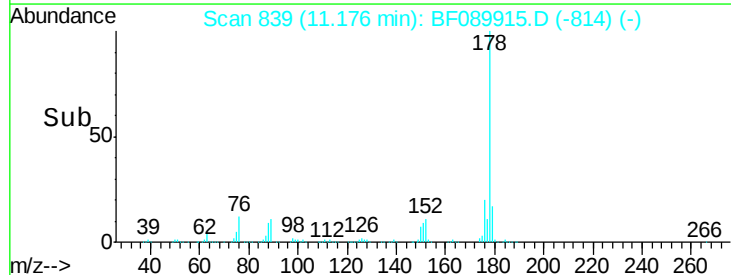
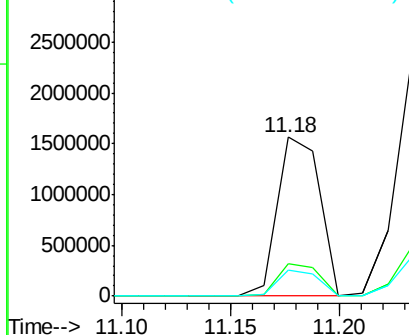


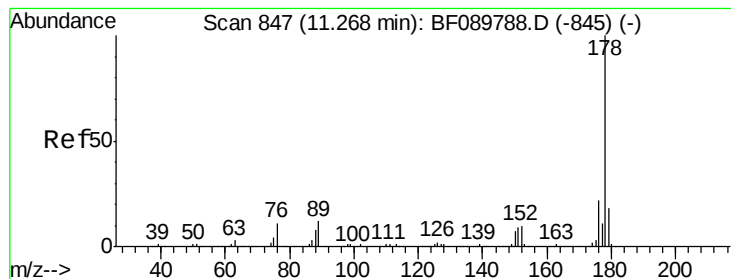
#70
 Phenanthrene
 Concen: 38.19 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

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 :

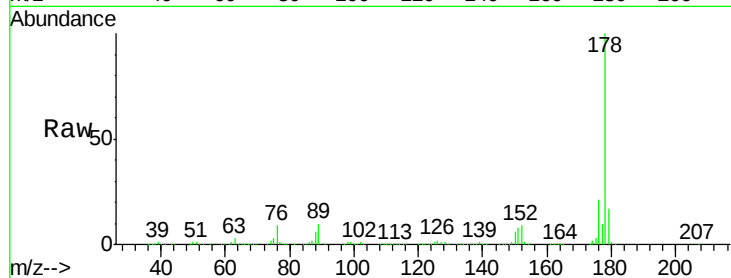
Tot Ion:178 Resp: 2177891

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

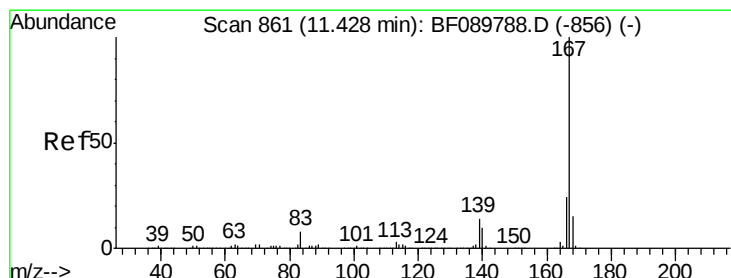
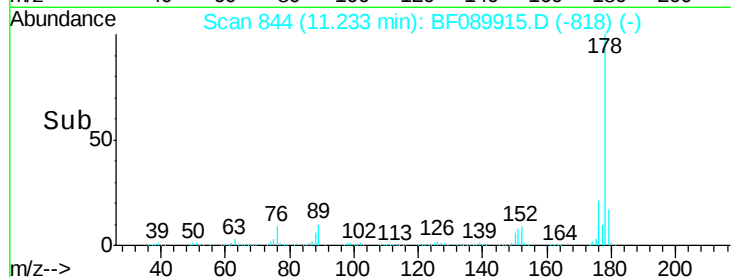
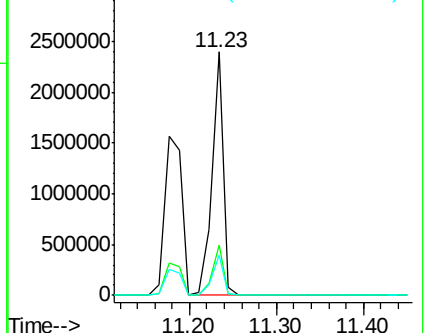
179 16.7 13.1 19.7



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

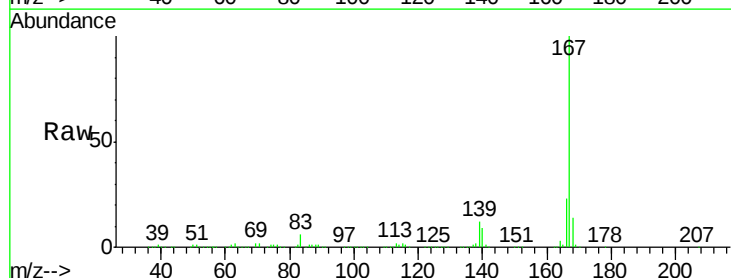
Tgt Ion:167 Resp: 2209364

Ion Ratio Lower Upper

167 100

166 22.9 17.9 26.9

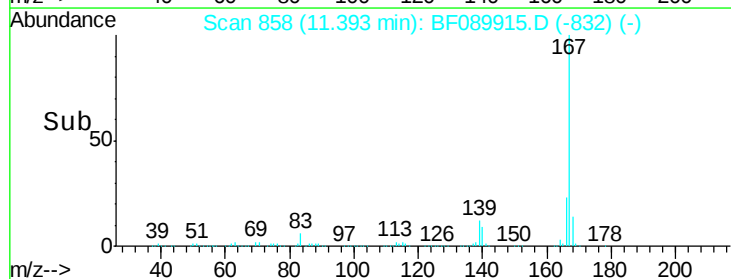
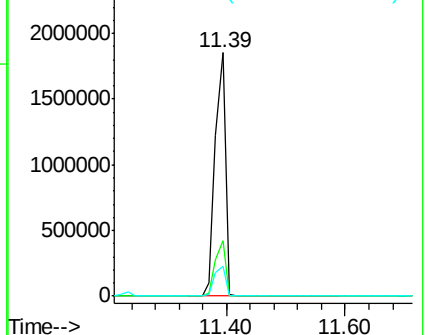
139 12.4 12.4 18.6

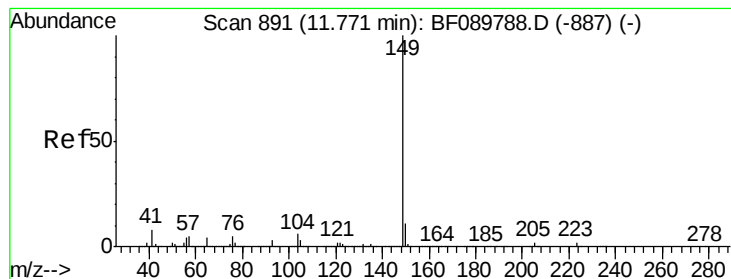


Abundance Ion 167.00 (166.70 to 167.70): E

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 :

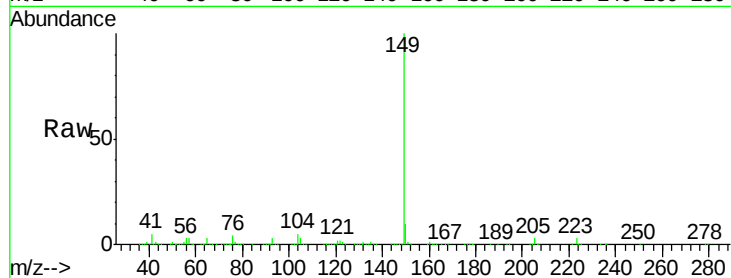
Tot Ion:149 Resp: 2412864

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

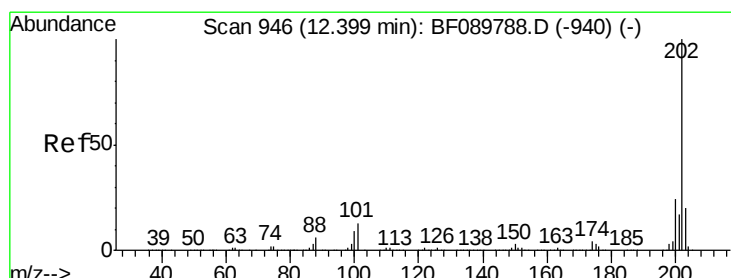
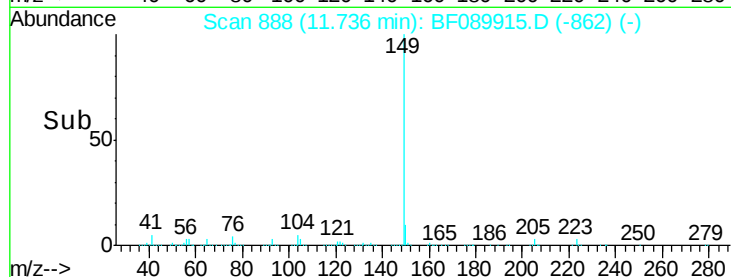
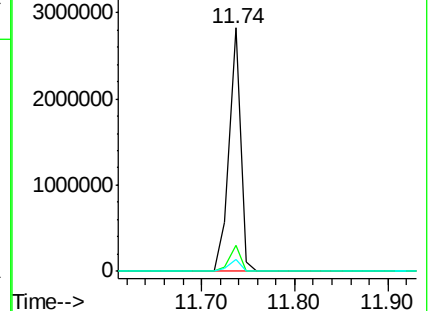
104 4.9 4.3 6.5



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

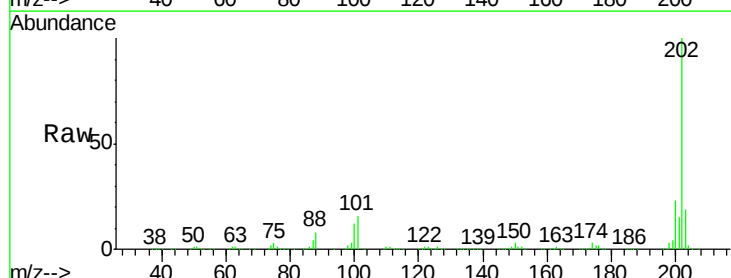
Tgt Ion:202 Resp: 2112326

Ion Ratio Lower Upper

202 100

101 16.5 0.0 31.2

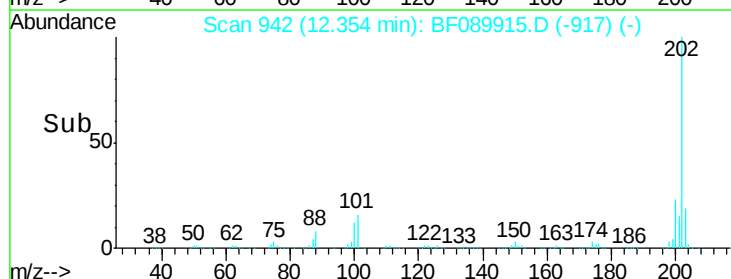
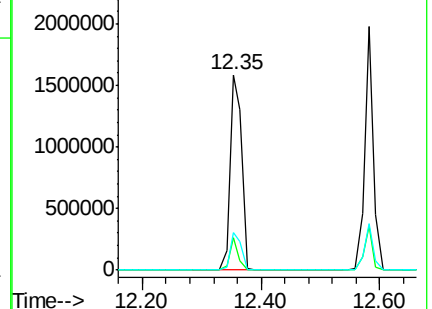
203 18.9 0.0 38.1

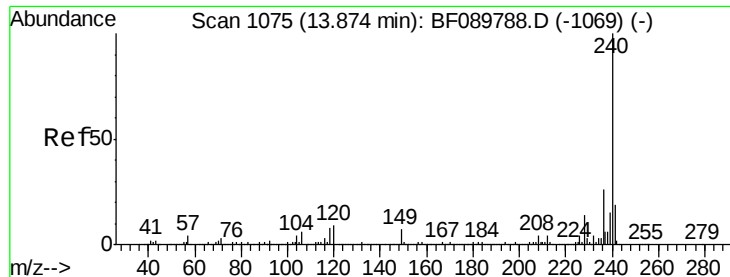


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampled :

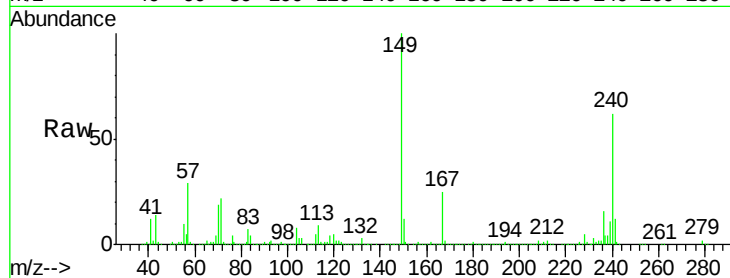
Tot Ion:240 Resp: 800543

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

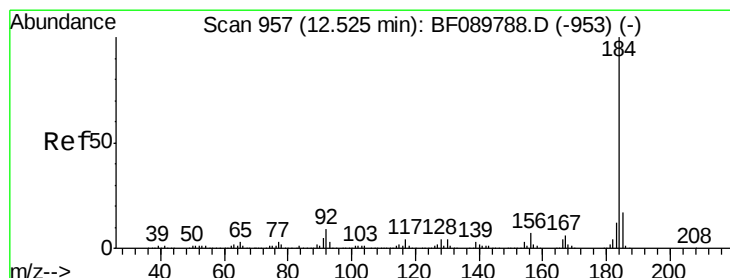
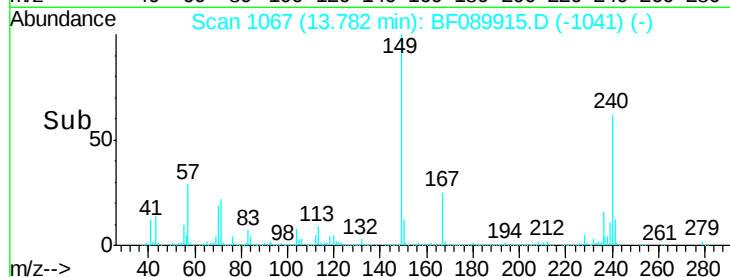
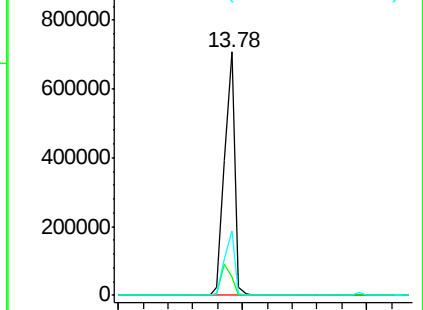
236 26.4 21.3 31.9



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

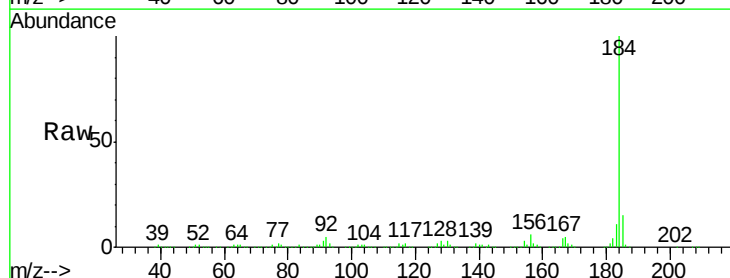
Tgt Ion:184 Resp: 1078184

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

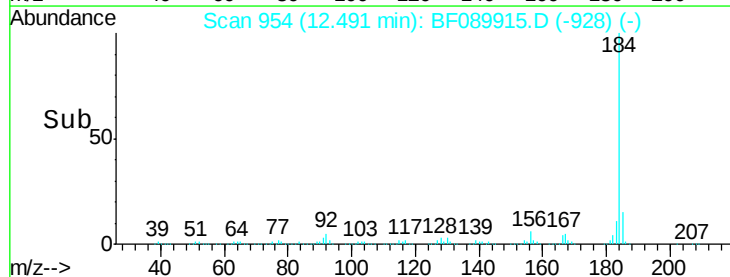
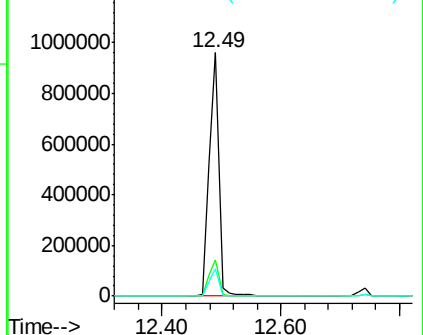
183 11.3 9.7 14.5

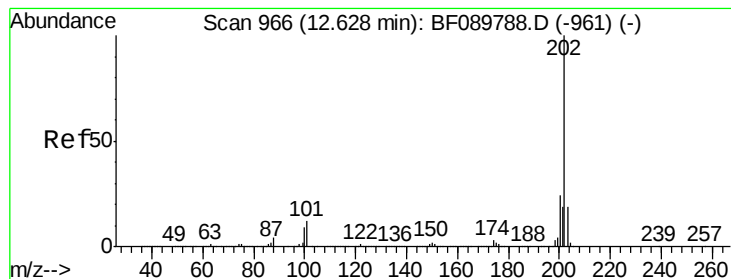


Abundance Ion 184.00 (183.70 to 184.70): E

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

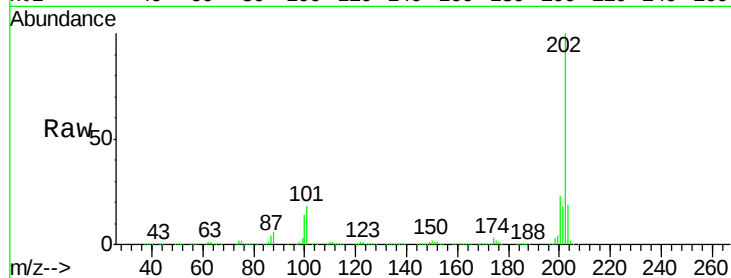
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1997511

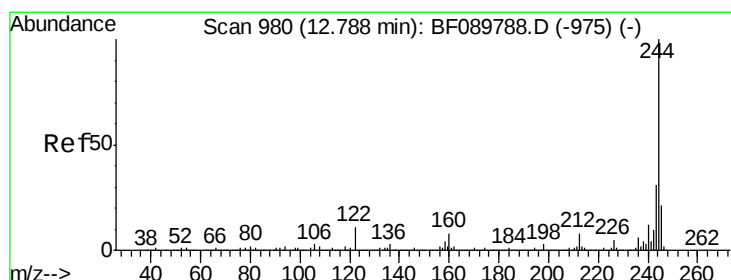
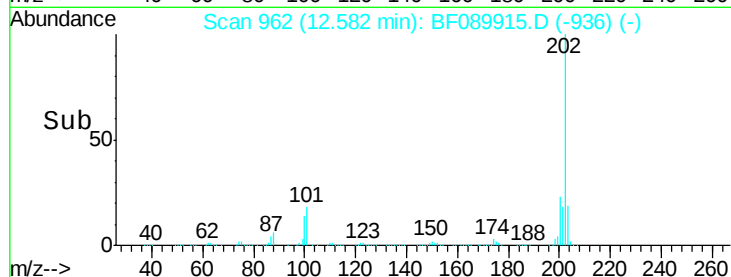
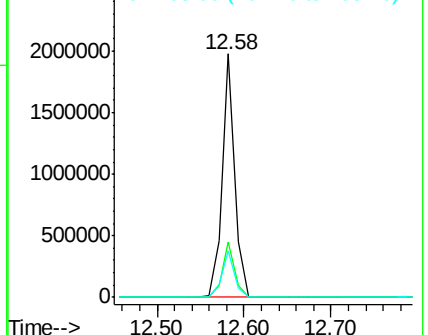
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	18.9	14.2	21.4



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

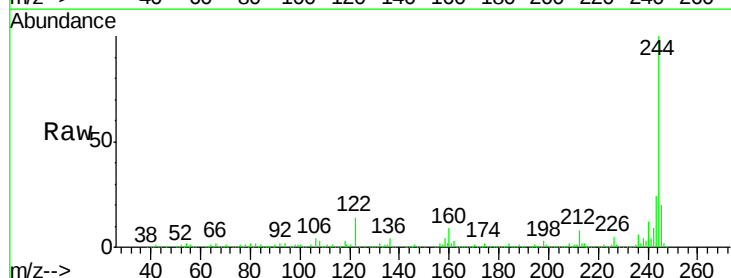
Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:244 Resp: 2106499

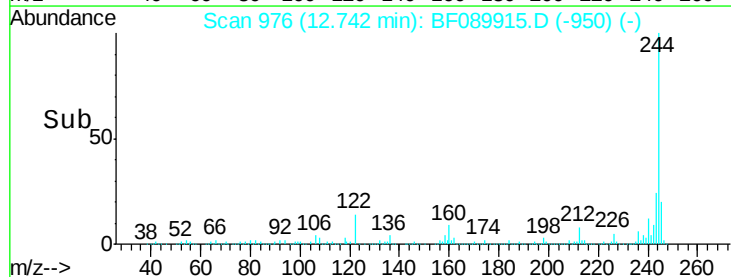
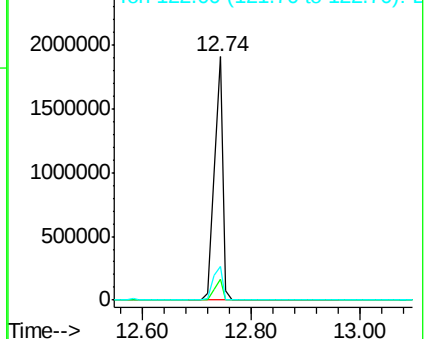
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	14.0	12.0	18.0

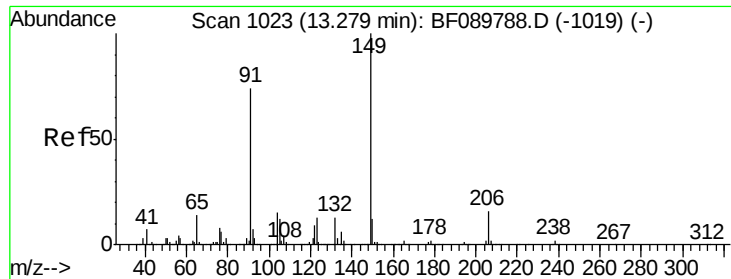


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

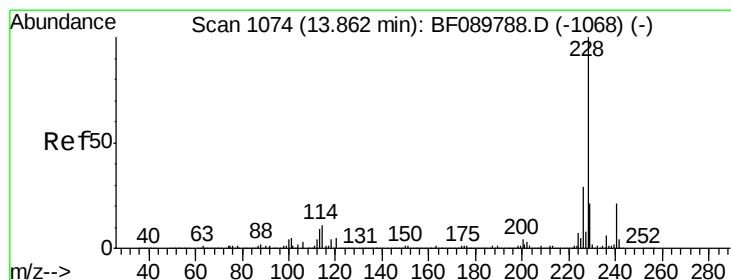
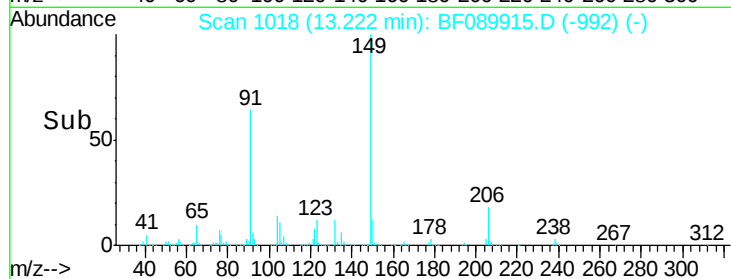
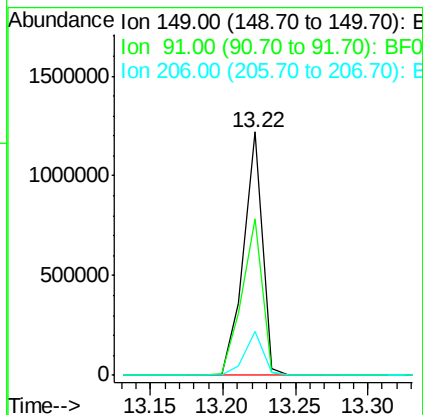
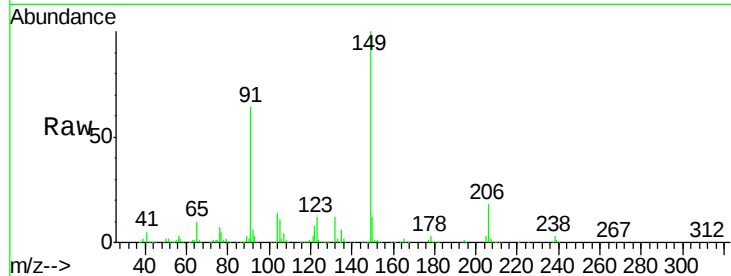




#79
Butylbenzylphthalate
Concen: 37.86 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF089915.D
Acq: 26 Aug 2016 18:44

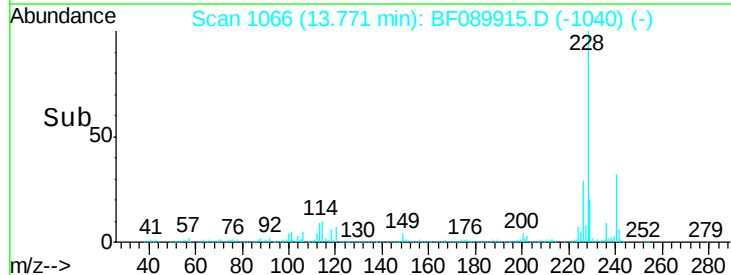
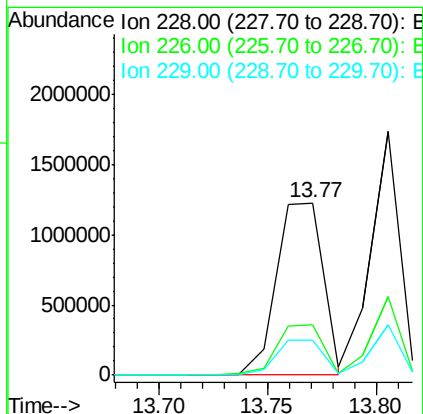
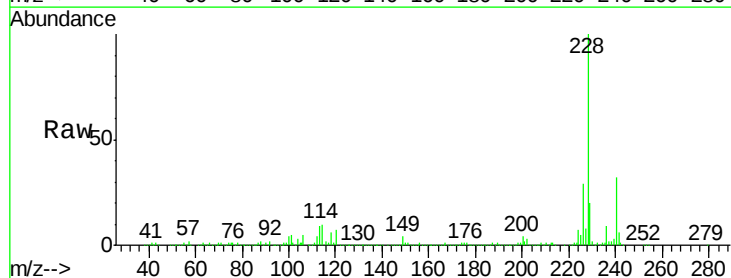
Instrument :
BNA_F
ClientSampleId :

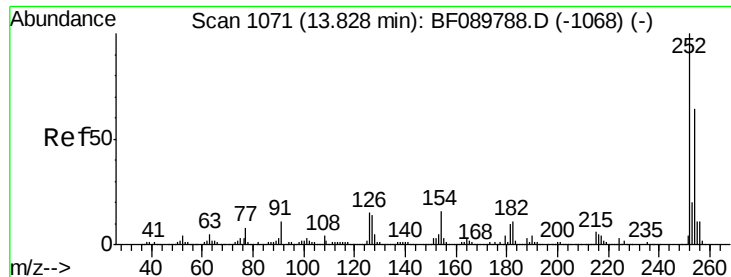
Tot Ion:149 Resp: 1114727
Ion Ratio Lower Upper
149 100
91 64.5 50.7 76.1
206 18.3 15.5 23.3



#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

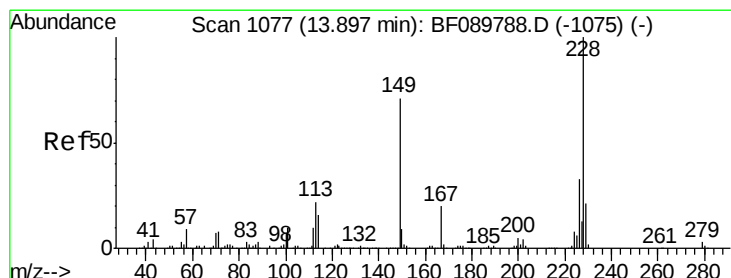
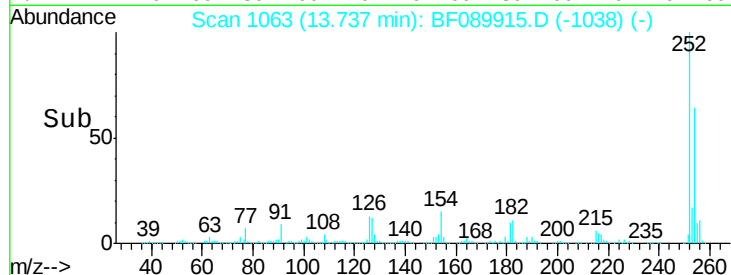
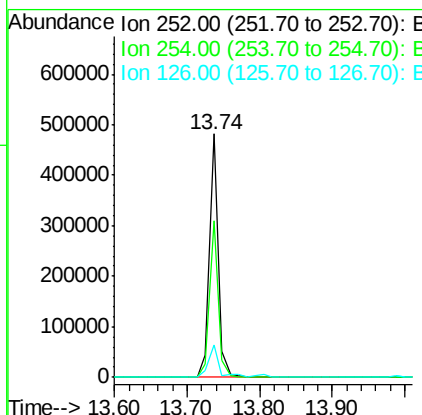
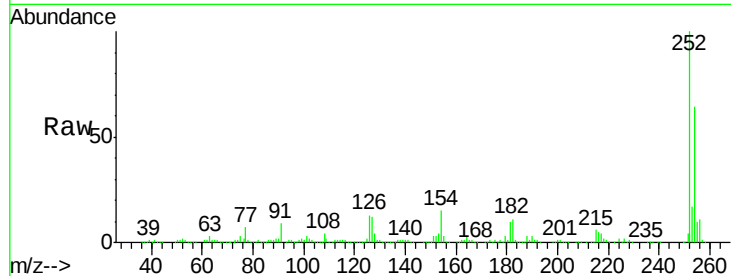




#81
 3,3'-Dichlorobenzidine
 Concen: 26.99 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

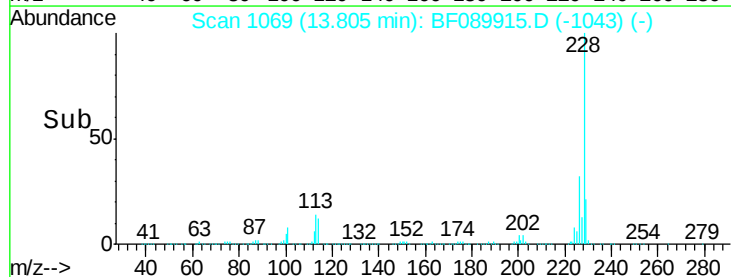
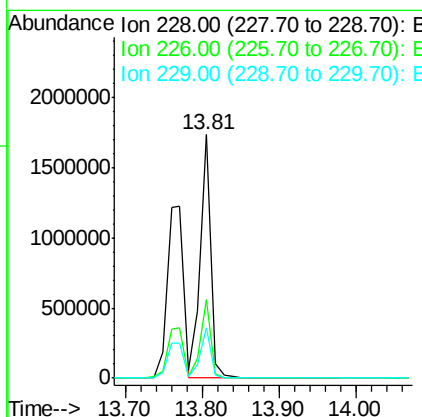
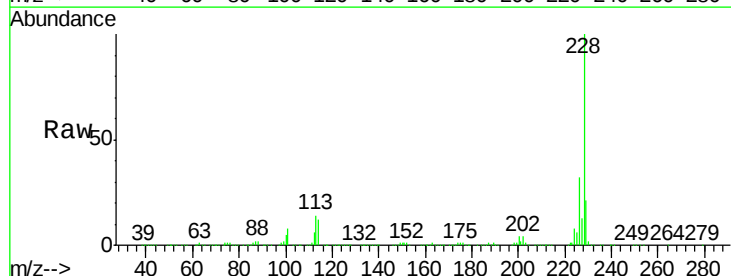
Instrument :
 BNA_F
 ClientSampleId :

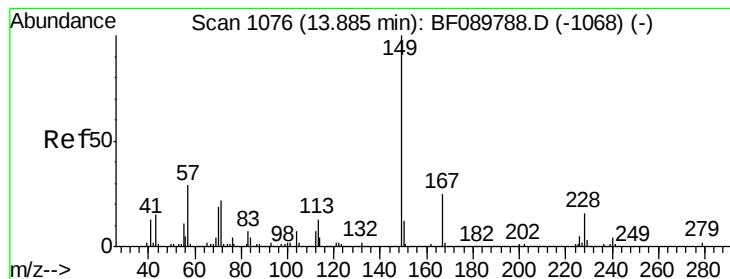
Tot Ion:252 Resp: 405635
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.6 75.8
 126 13.1 12.6 18.8



#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:228 Resp: 1621052
 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 :

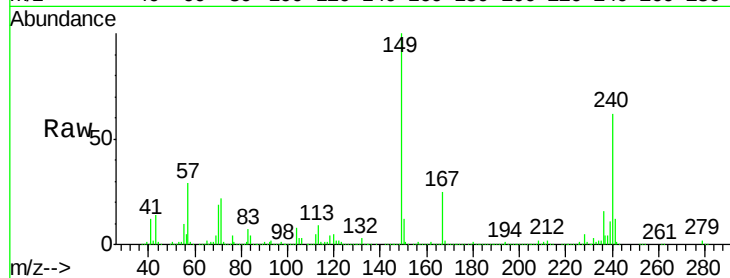
Tot Ion:149 Resp: 1388523

Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

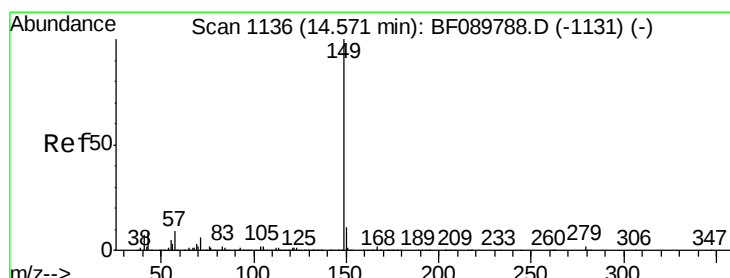
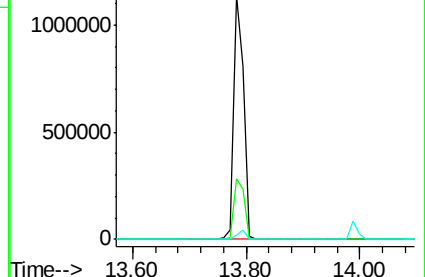
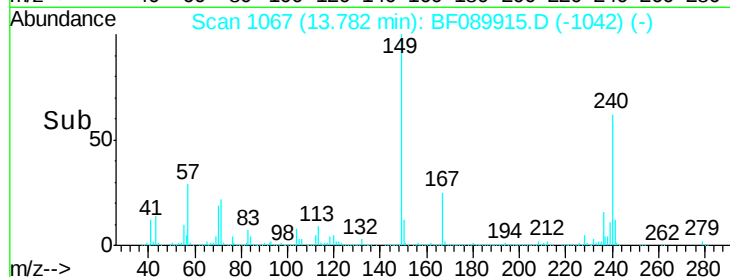
279 1.8 2.9 4.3#



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

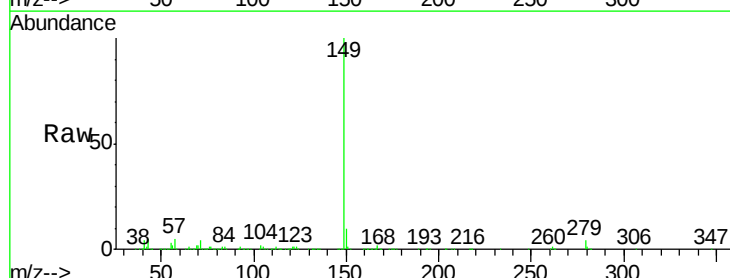
Tgt Ion:149 Resp: 2491256

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

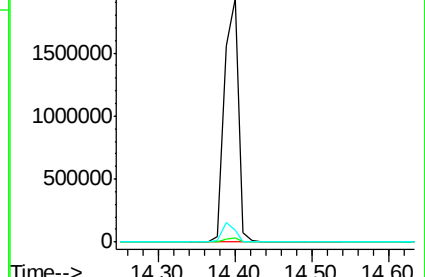
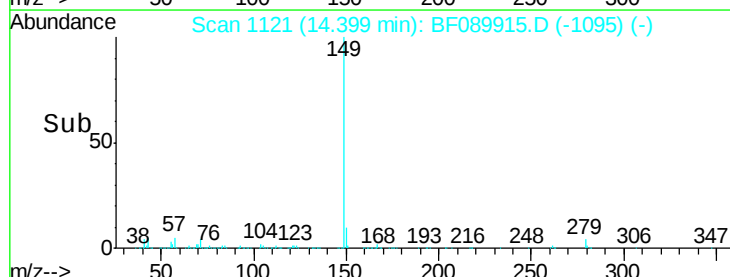
43 7.2 8.4 12.6#

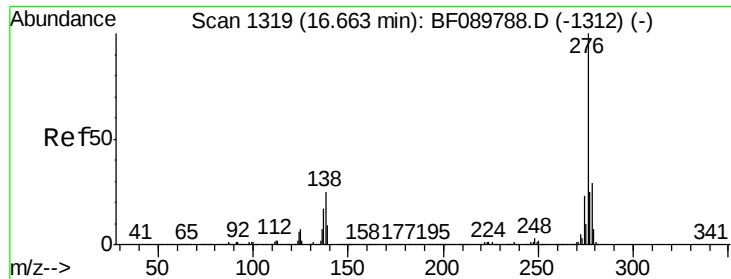


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



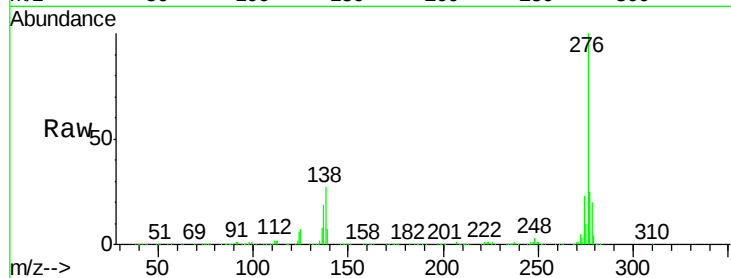


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.73 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

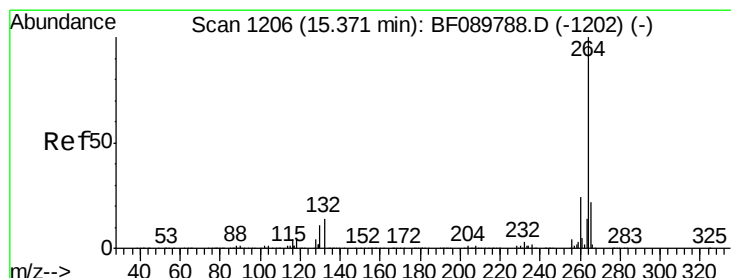
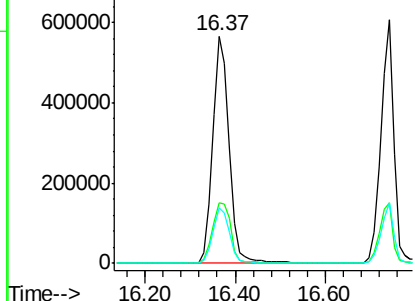
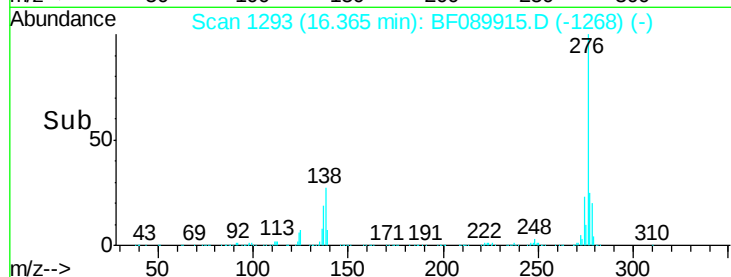
Instrument :
 BNA_F
 ClientSampleId :

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



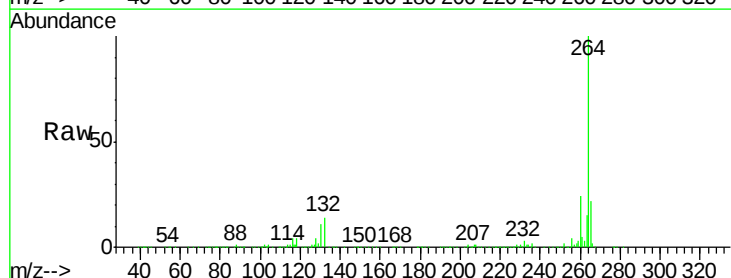
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



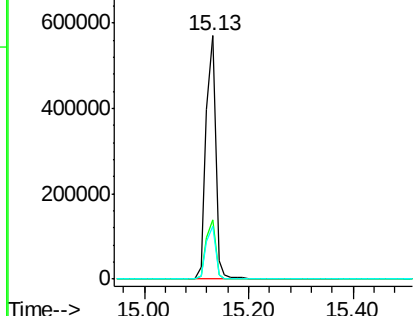
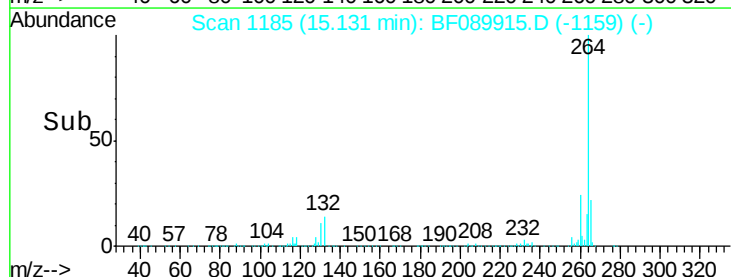
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089915.D
 Acq: 26 Aug 2016 18:44

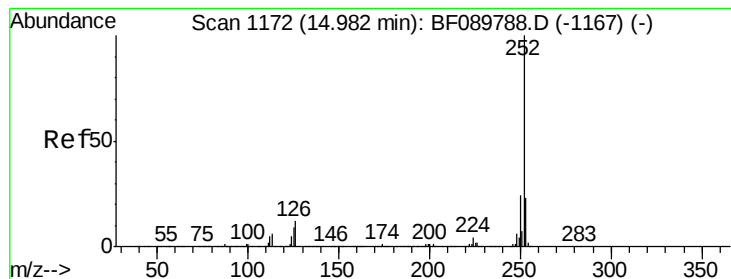
Tgt Ion:264 Resp: 734703

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	21.9	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 74.93 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Instrument :

BNA_F

ClientSampleId :

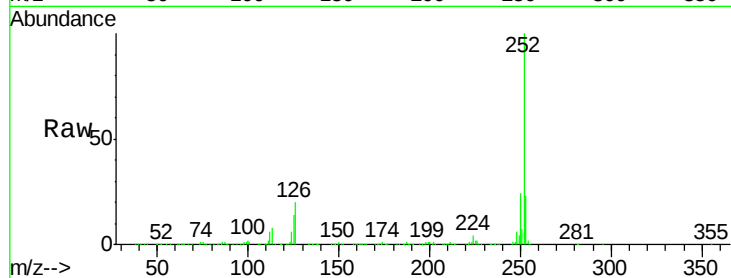
Tot Ion:252 Resp: 3028511

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

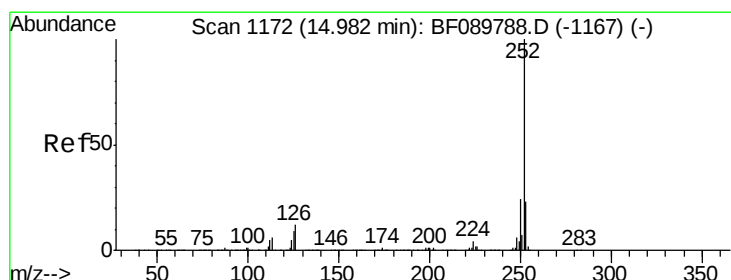
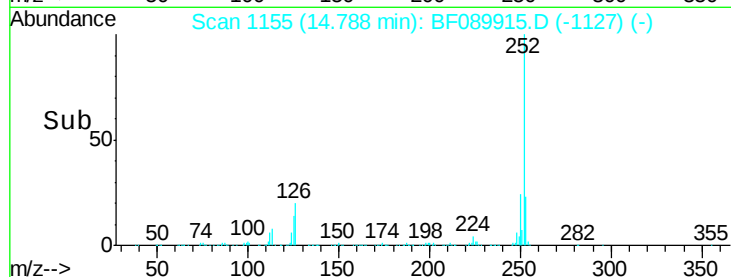
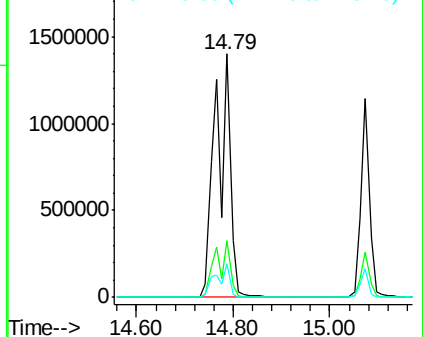
125 13.6 11.4 17.2



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



#88

Benzo(k)fluoranthene

Concen: 82.59 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

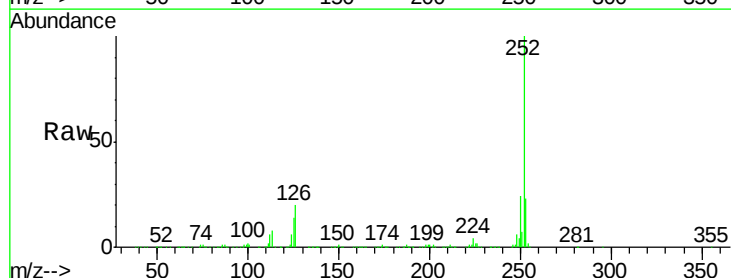
Tgt Ion:252 Resp: 3028511

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

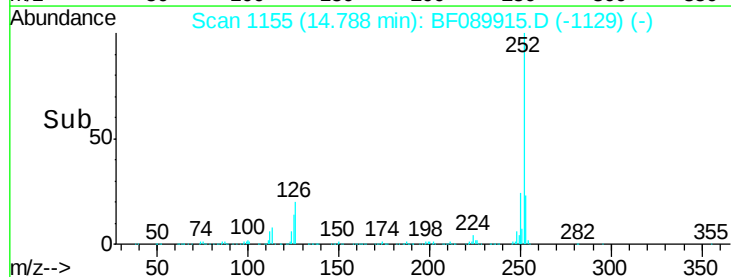
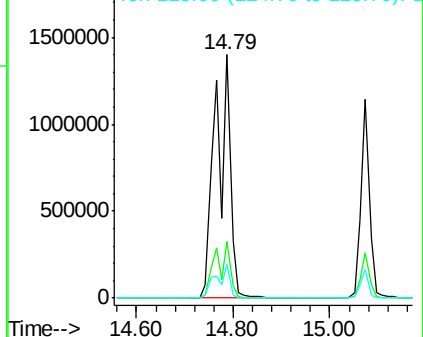
125 13.6 9.8 14.6

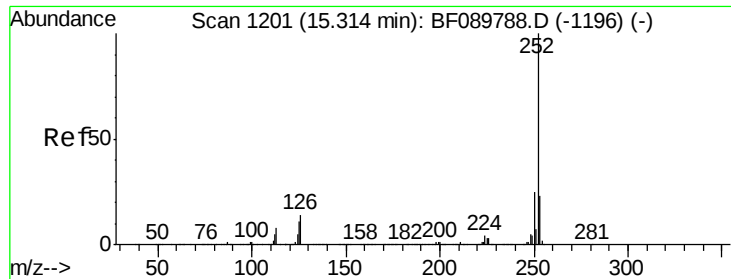


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

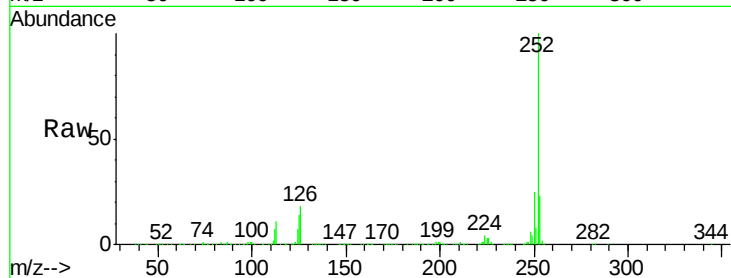
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1407757

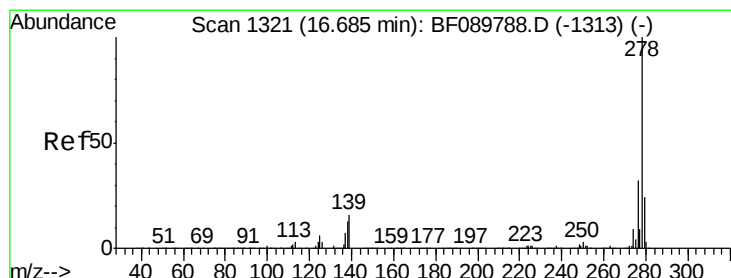
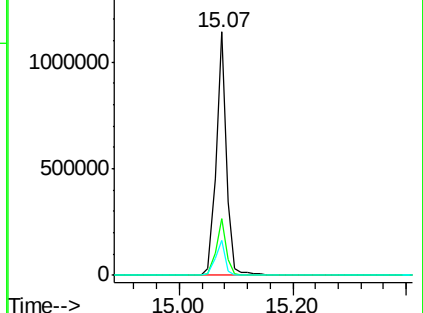
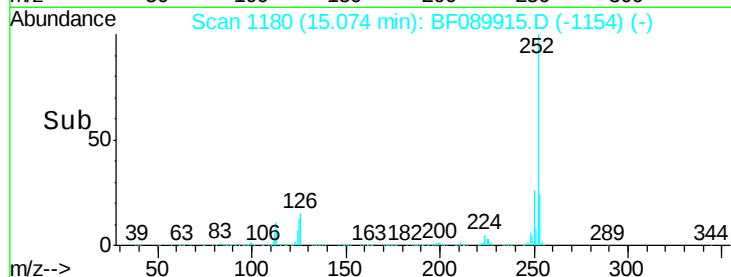
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	14.3	11.7	17.5



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

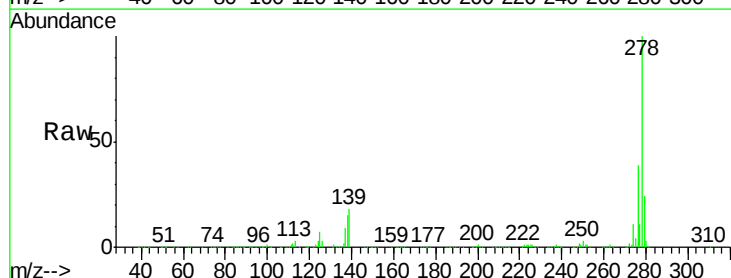
Delta R.T. -0.01 min

Lab File: BF089915.D

Acq: 26 Aug 2016 18:44

Tgt Ion:278 Resp: 1212988

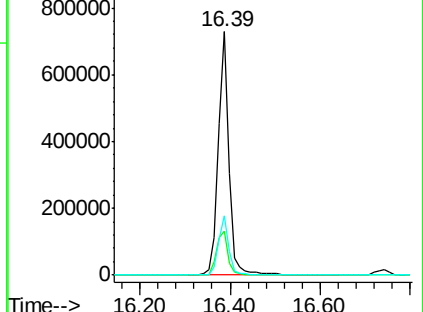
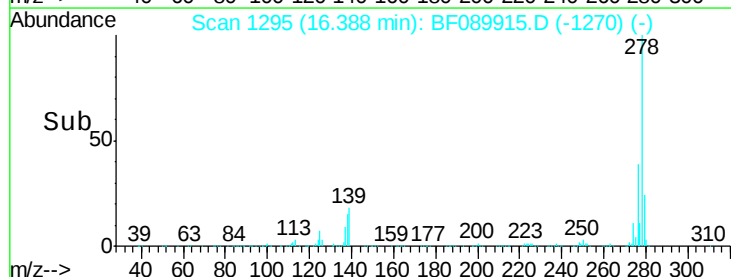
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.9	22.3
279	24.1	19.2	28.8

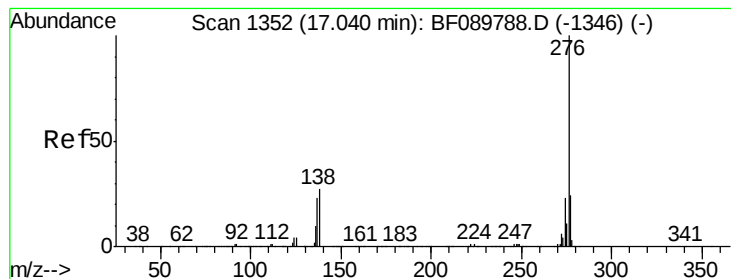


Abundance Ion 278.00 (277.70 to 278.70): E

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 :

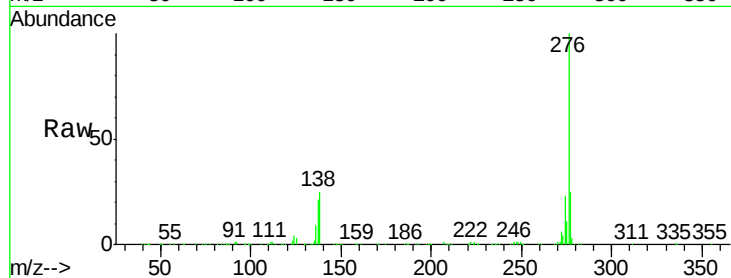
Tot Ion:276 Resp: 1230011

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

