

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089919.D
 Acq On : 26 Aug 2016 20:36
 Operator : UM/SJ
 Sample : PB93109BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Quant Time: Aug 26 23:17:29 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	316943	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1275329	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	584434	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1053165	20.00	ng	0.00
75) Chrysene-d12	13.77	240	727066	20.00	ng	-0.01
86) Perylene-d12	15.12	264	641600	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1866852	101.01	ng	0.01
7) Phenol-d6	6.30	99	2107690	92.90	ng	0.00
23) Nitrobenzene-d5	7.22	82	1346283	65.58	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	481196	86.64	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2213919	66.58	ng	0.00
78) Terphenyl-d14	12.74	244	2013156	62.64	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	252462	27.60	ng	96
3) Pyridine	2.82	79	729447	30.41	ng	93
4) n-Nitrosodimethylamine	2.79	42	308357	34.53	ng	# 83
6) Aniline	6.31	93	651940	21.42	ng	# 9
8) 2-Chlorophenol	6.43	128	736639	33.33	ng	89
9) Benzaldehyde	6.18	77	136235	9.22	ng	97
10) Phenol	6.31	94	776185	29.19	ng	99
11) bis(2-Chloroethyl)ether	6.40	93	701933	34.04	ng	90
12) 1,3-Dichlorobenzene	6.59	146	776872m	33.62	ng	
13) 1,4-Dichlorobenzene	6.67	146	760628m	32.03	ng	
14) 1,2-Dichlorobenzene	6.82	146	753772	34.00	ng	96
15) Benzyl Alcohol	6.80	79	481060	31.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	822873	31.18	ng	90
17) 2-Methylphenol	6.92	107	611000	35.30	ng	94
18) Hexachloroethane	7.16	117	278326	32.86	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	499412	34.42	ng	# 83
20) 3+4-Methylphenols	7.07	107	655430	30.88	ng	# 74
22) Acetophenone	7.07	105	873062	29.81	ng	# 88
24) Nitrobenzene	7.23	77	639755	27.78	ng	99
25) Isophorone	7.48	82	1331591	32.16	ng	# 93
26) 2-Nitrophenol	7.55	139	354679	30.87	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	665415	32.13	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	909411	35.50	ng	97
29) 2,4-Dichlorophenol	7.79	162	563170	32.41	ng	90
30) 1,2,4-Trichlorobenzene	7.88	180	633292	32.95	ng	# 95
31) Naphthalene	7.95	128	1944104	32.62	ng	99
32) Benzoic acid	7.72	122	330408	20.47	ng	96
33) 4-Chloroaniline	8.01	127	208876	8.08	ng	# 95
34) Hexachlorobutadiene	8.08	225	310513	30.85	ng	99
35) Caprolactam	8.38	113	169135m	31.96	ng	
36) 4-Chloro-3-methylphenol	8.50	107	617239	32.80	ng	99
37) 2-Methylnaphthalene	8.65	142	1401204	36.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	450924	23.83	ng	97
40) Hexachlorocyclopentadiene	8.81	237	606499	92.31	ng	98

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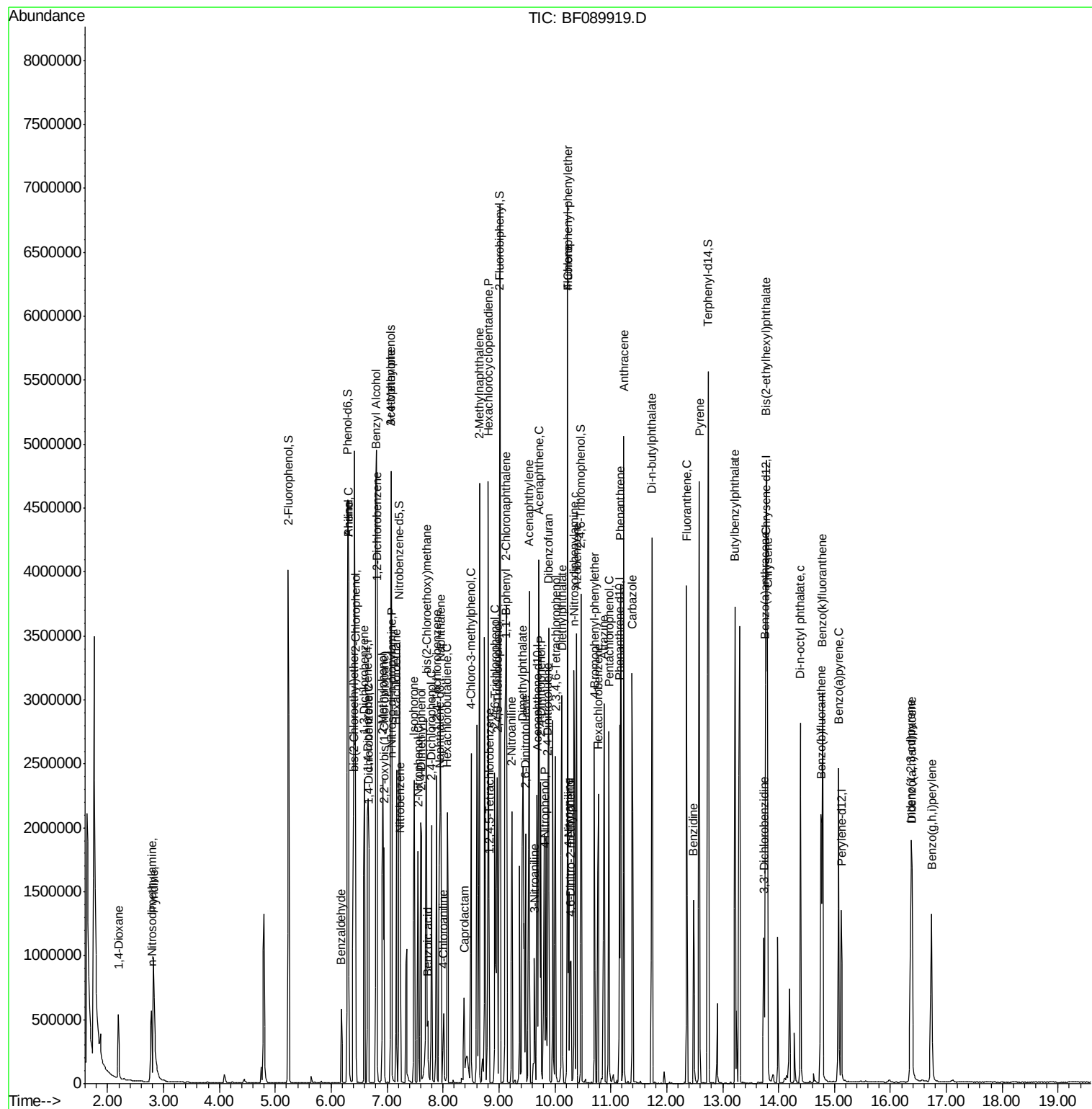
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	393566	33.06	nq	98
43) 2,4,5-Trichlorophenol	8.97	196	417471	35.25	nq	99
45) 1,1'-Biphenyl	9.12	154	1397140	30.89	nq	93
46) 2-Chloronaphthalene	9.13	162	1144530	32.01	nq	98
47) 2-Nitroaniline	9.23	65	394011	38.64	nq	# 74
48) Acenaphthylene	9.54	152	1764988	32.85	nq	100
49) Dimethylphthalate	9.43	163	1479519	35.95	nq	# 98
50) 2,6-Dinitrotoluene	9.47	165	295254	31.08	nq	88
51) Acenaphthene	9.71	154	1278206	35.95	nq	99
52) 3-Nitroaniline	9.63	138	187168	17.78	nq	96
53) 2,4-Dinitrophenol	9.75	184	334747	65.18	nq	90
54) Dibenzofuran	9.88	168	1594632	35.71	nq	97
55) 4-Nitrophenol	9.82	139	624192	72.65	nq	# 71
56) 2,4-Dinitrotoluene	9.87	165	383885	31.14	nq	# 64
57) Fluorene	10.23	166	1115303	31.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	349002m	40.49	nq	
59) Diethylphthalate	10.12	149	1487062	35.57	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	527977	32.52	nq	99
61) 4-Nitroaniline	10.25	138	322644	32.70	nq	98
62) Azobenzene	10.39	77	1535548	39.07	nq	92
64) 4,6-Dinitro-2-methylphenol	10.28	198	236678	39.11	nq	# 60
65) n-Nitrosodiphenylamine	10.34	169	1162041	35.09	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	354698	32.12	nq	# 67
67) Hexachlorobenzene	10.78	284	433783	34.44	nq	98
68) Atrazine	10.88	200	362246	35.72	nq	97
69) Pentachlorophenol	10.97	266	491242	68.80	nq	98
70) Phenanthrene	11.18	178	1805576	33.94	nq	99
71) Anthracene	11.23	178	2002055	37.03	nq	99
72) Carbazole	11.38	167	1786952	36.85	nq	99
73) Di-n-butylphthalate	11.74	149	2197925	36.22	nq	99
74) Fluoranthene	12.35	202	1757741	34.74	nq	94
76) Benzidine	12.48	184	659999	28.05	nq	97
77) Pyrene	12.58	202	1827921	30.87	nq	98
79) Butylbenzylphthalate	13.22	149	972364	36.36	nq	98
80) Benzo(a)anthracene	13.76	228	1517960	36.46	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	262439	19.23	nq	# 95
82) Chrysene	13.81	228	1453044	40.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1204240	32.69	nq	# 98
84) Di-n-octyl phthalate	14.39	149	2011509	41.10	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.37	276	1254321	27.54	nq	99
87) Benzo(b)fluoranthene	14.77	252	1549460m	43.90	nq	
88) Benzo(k)fluoranthene	14.79	252	969919m	30.29	nq	
89) Benzo(a)pyrene	15.07	252	1171869	35.08	nq	# 96
90) Dibenzo(a,h)anthracene	16.39	278	1053139	29.04	nq	97
91) Benzo(g,h,i)perylene	16.74	276	1081322	28.32	nq	# 94

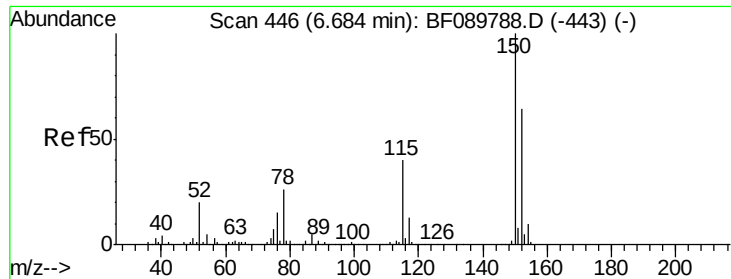
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

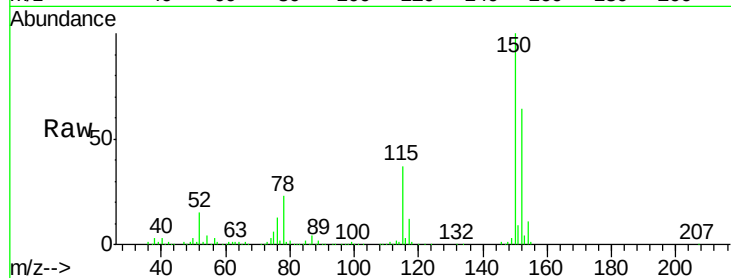
Tot Ion:152 Resp: 316943

Ion Ratio Lower Upper

152 100

150 156.6 125.3 187.9

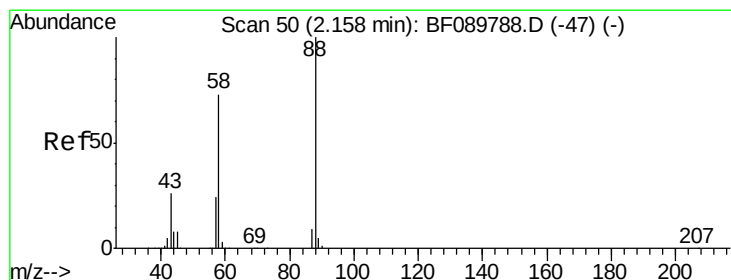
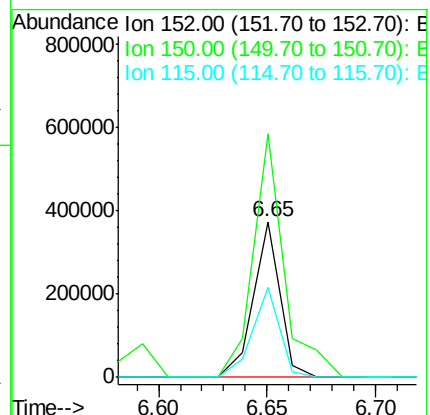
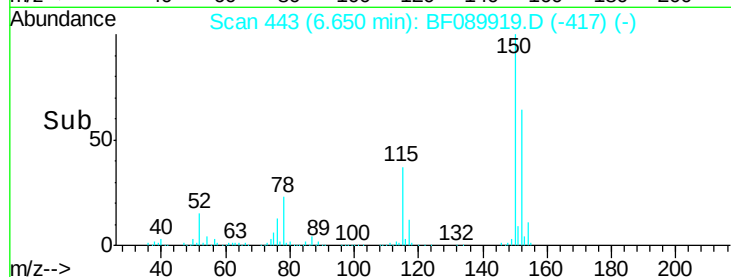
115 58.1 40.9 61.3



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: 27.60 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.09 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

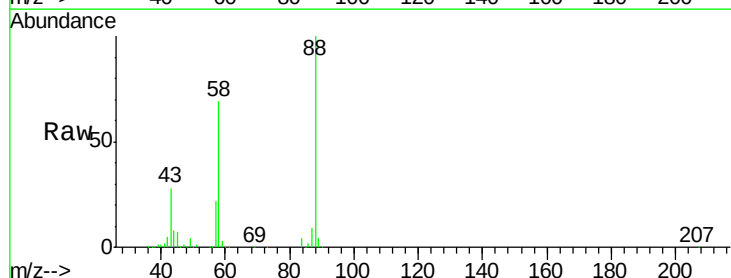
Tgt Ion: 88 Resp: 252462

Ion Ratio Lower Upper

88 100

58 67.4 57.0 85.4

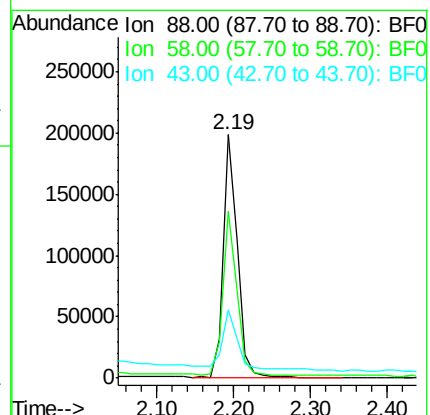
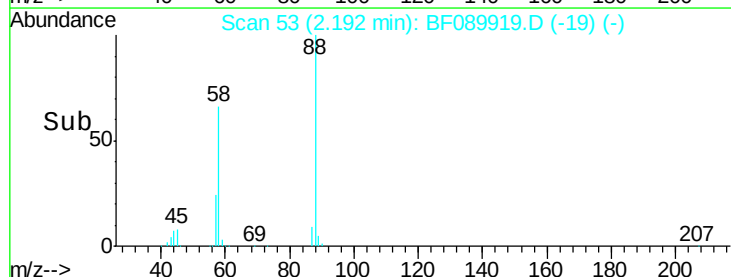
43 25.9 21.8 32.8

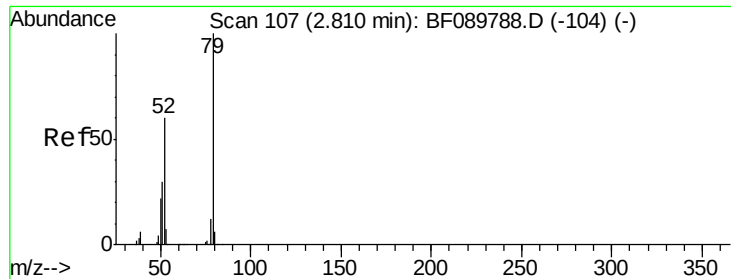


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

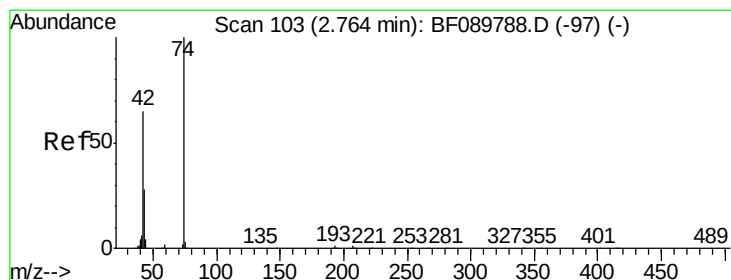
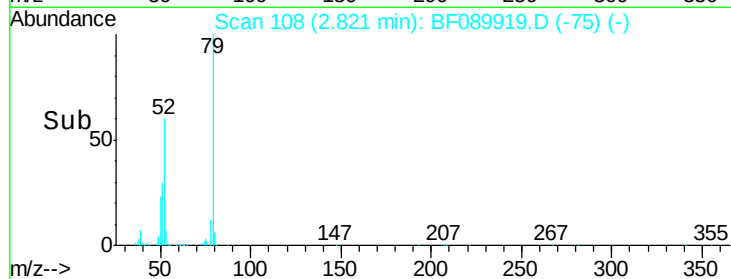
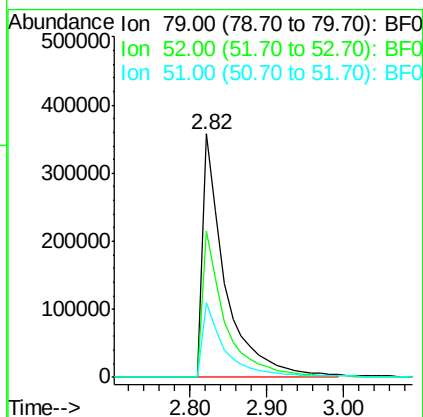
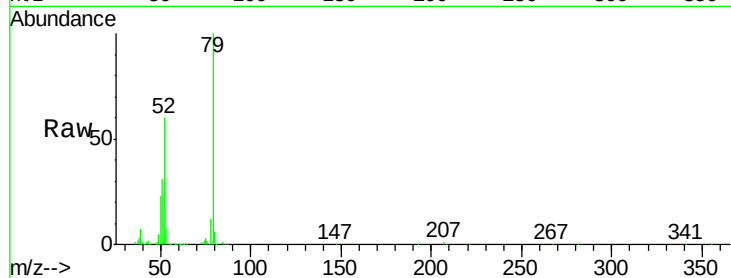




#3
 Pvridine
 Concen: 30.41 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.08 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

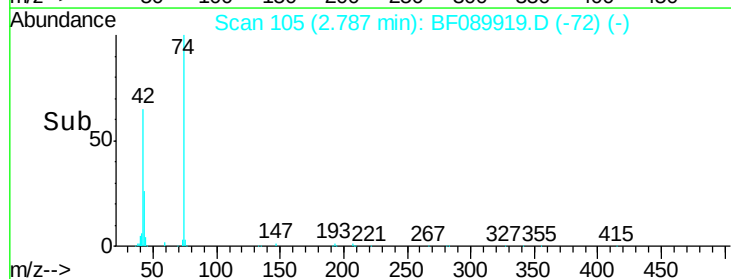
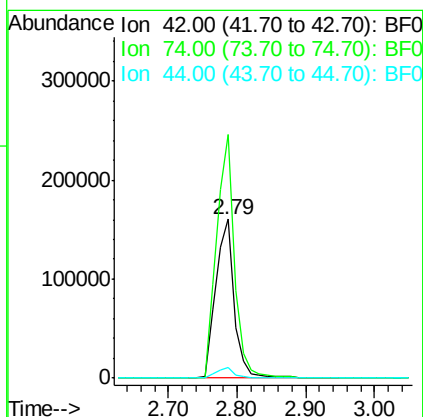
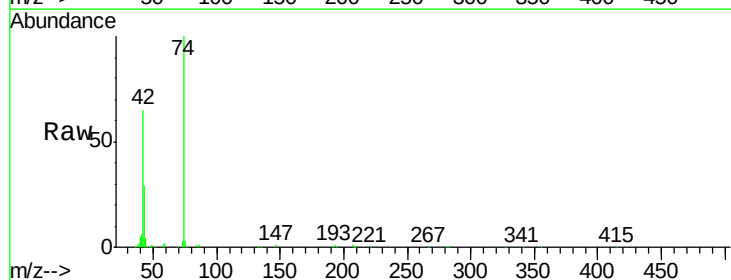
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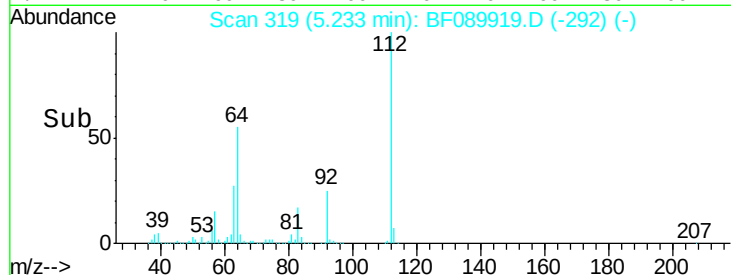
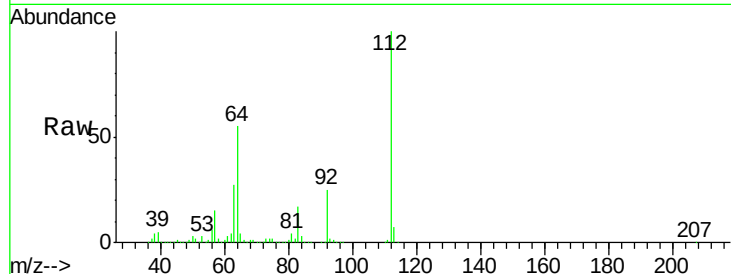
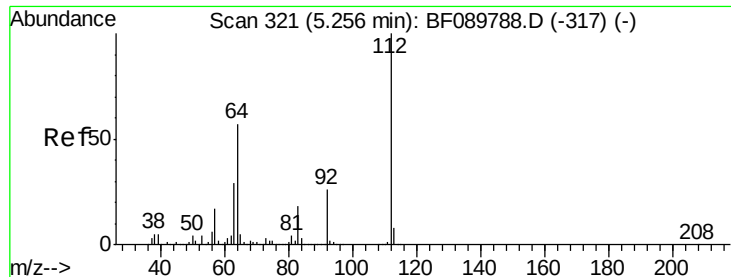
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.2	53.6	80.4
51	30.5	26.6	39.8



#4
 n-Nitrosodimethylamine
 Concen: 34.53 ng
 RT: 2.79 min Scan# 105
 Delta R.T. 0.08 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.1	106.2	159.2
44	6.3	6.9	10.3





#5

2-Fluorophenol

Concen: 101.01 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

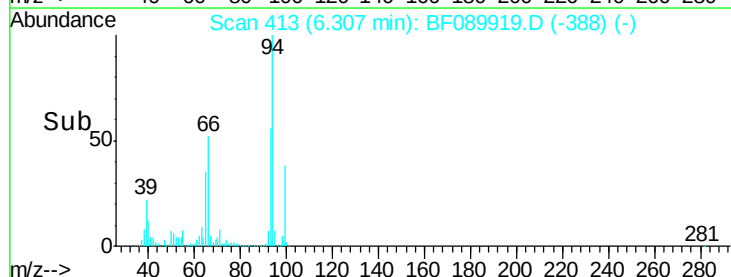
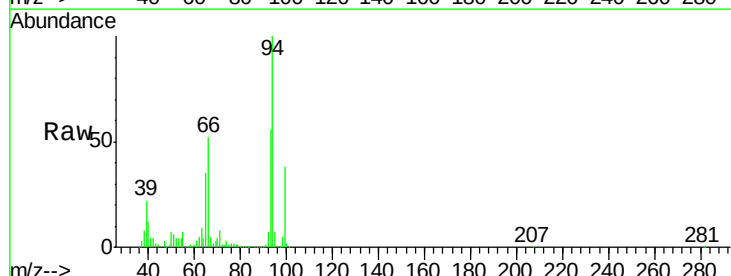
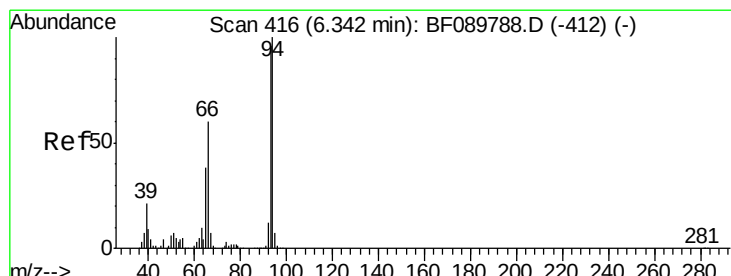
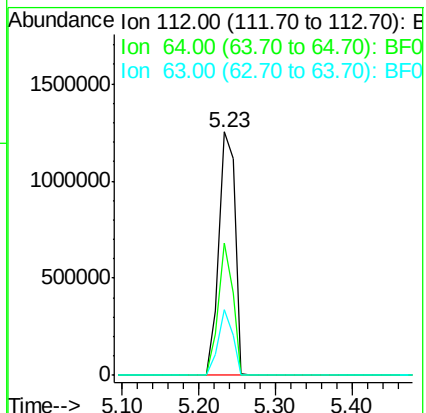
Tot Ion:112 Resp: 1866852

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

63 27.1 23.1 34.7



#6

Aniline

Concen: 21.42 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

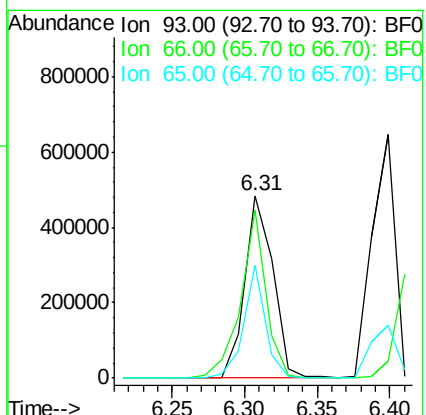
Tgt Ion: 93 Resp: 651940

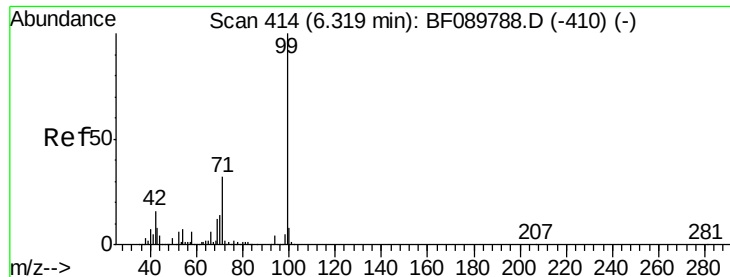
Ion Ratio Lower Upper

93 100

66 92.5 30.6 46.0#

65 62.2 15.4 23.2#





#7

Phenol-d6

Concen: 92.90 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

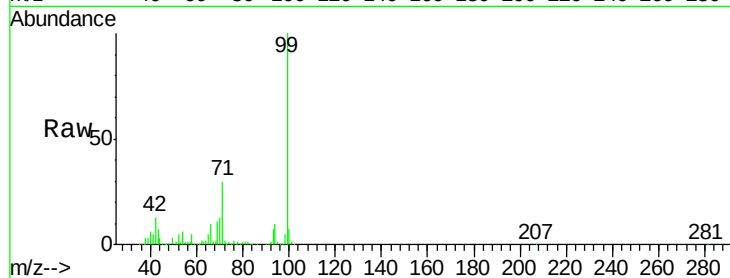
BNA_F

ClientSampleId :

PB93109BS

Tot Ion: 99 Resp: 2107690

Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.4
71	29.9	23.8	35.8

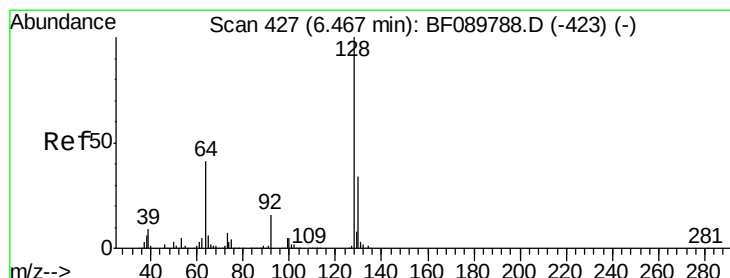
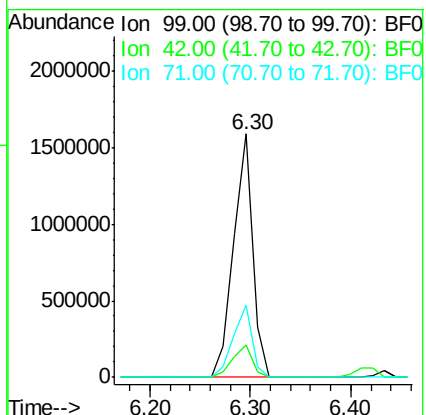
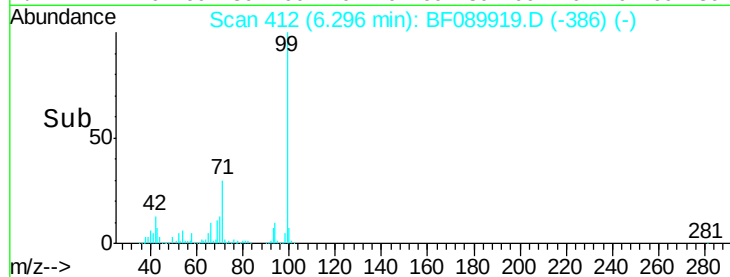


Abundance

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: 33.33 ng

RT: 6.43 min Scan# 424

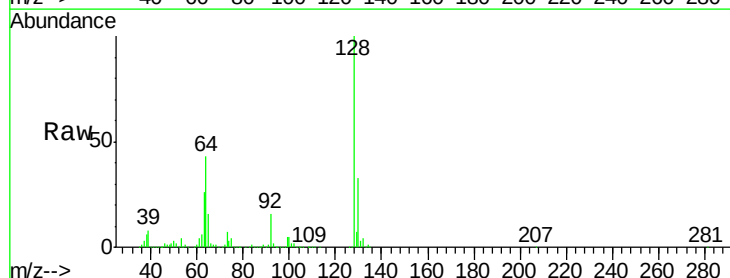
Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion: 128 Resp: 736639

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	42.8	35.1	75.1

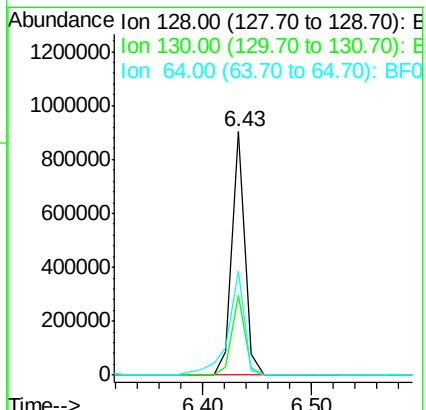
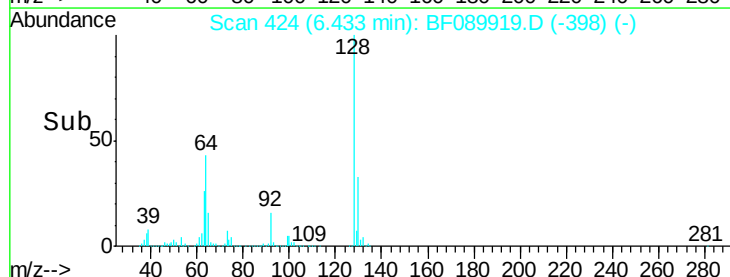


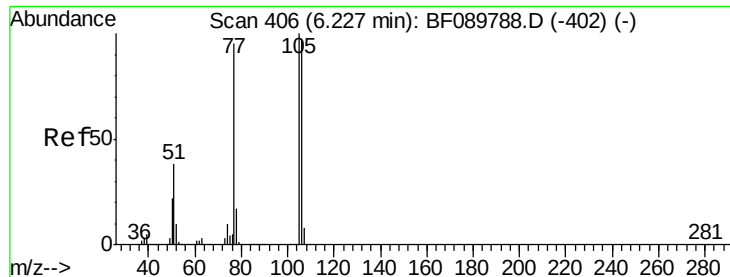
Abundance

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: 9.22 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

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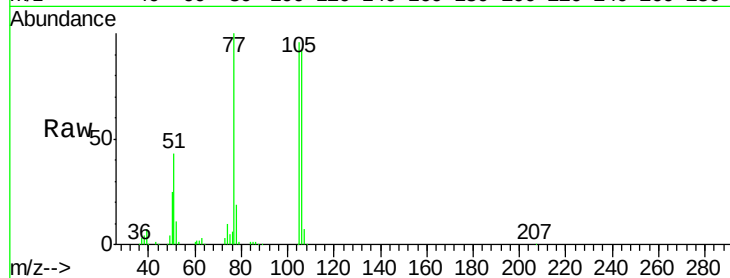
Tot Ion: 77 Resp: 136235

Ion Ratio Lower Upper

77 100

105 96.1 73.3 113.3

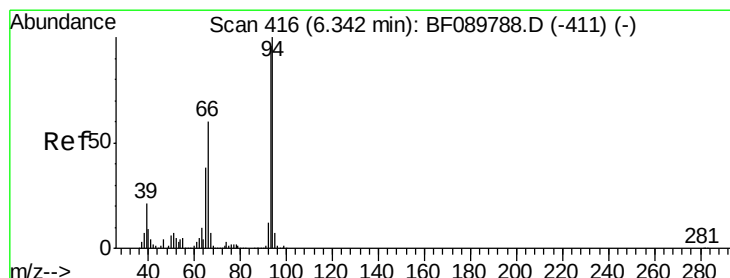
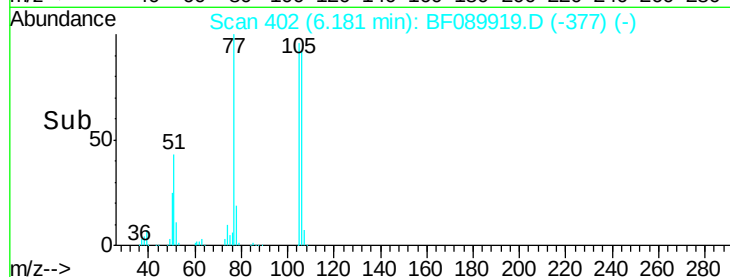
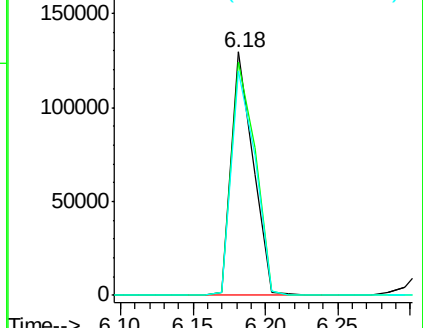
106 92.4 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.19 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

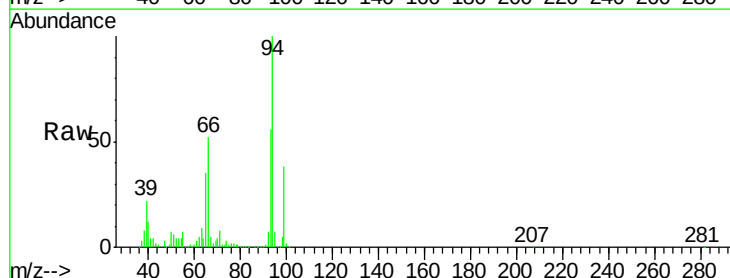
Tgt Ion: 94 Resp: 776185

Ion Ratio Lower Upper

94 100

65 34.9 14.0 54.0

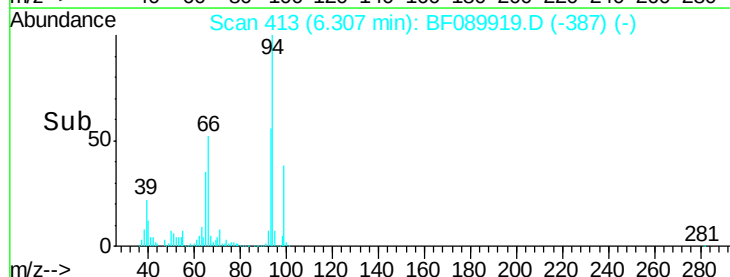
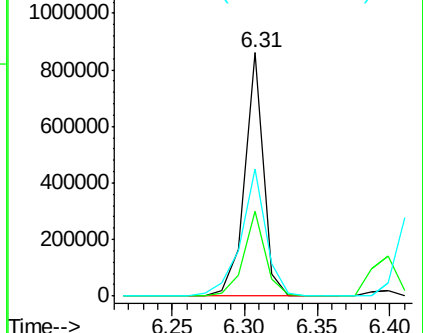
66 52.0 31.2 71.2

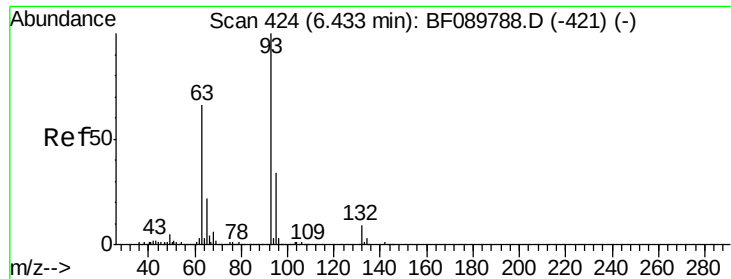


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.04 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

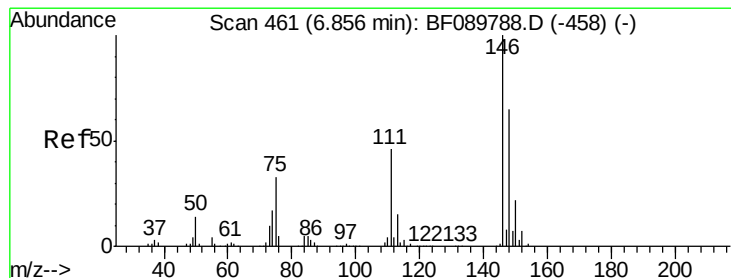
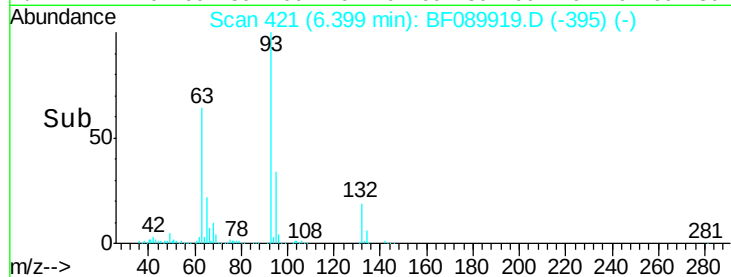
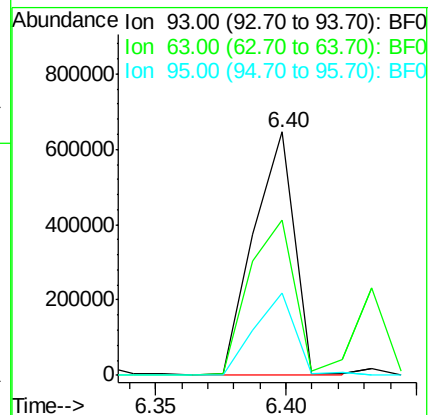
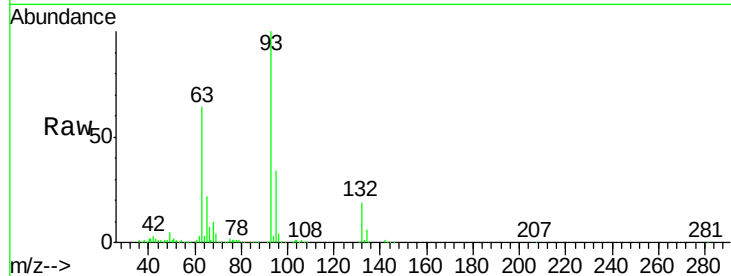
Tot Ion: 93 Resp: 701933

Ion Ratio Lower Upper

93 100

63 64.0 55.8 95.8

95 33.8 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 33.62 ng m

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

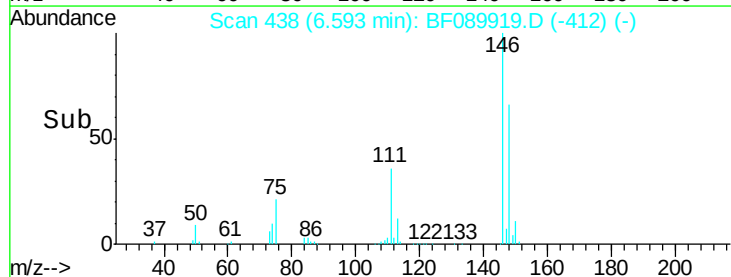
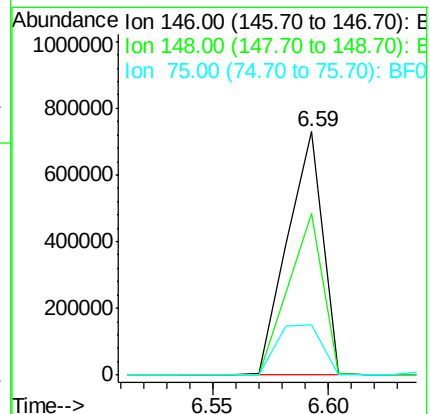
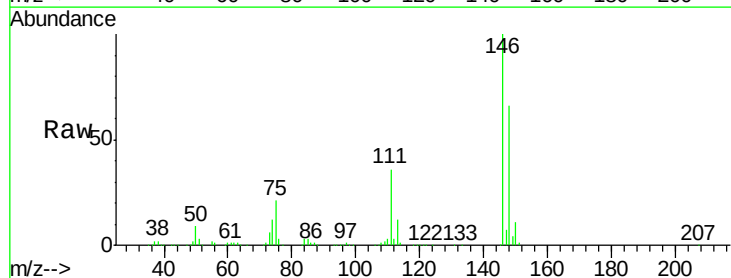
Tgt Ion: 146 Resp: 776872

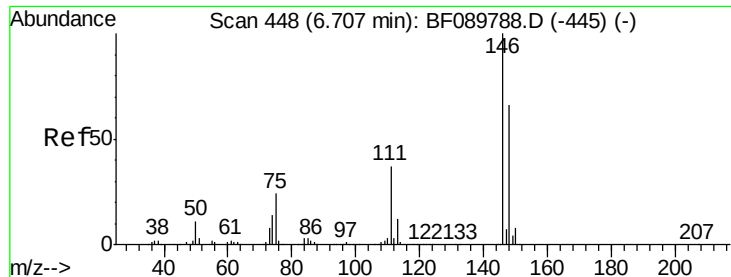
Ion Ratio Lower Upper

146 100

148 66.2 51.0 76.4

75 20.9 27.0 40.6#

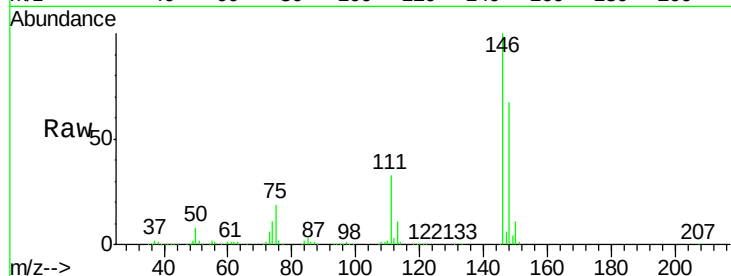




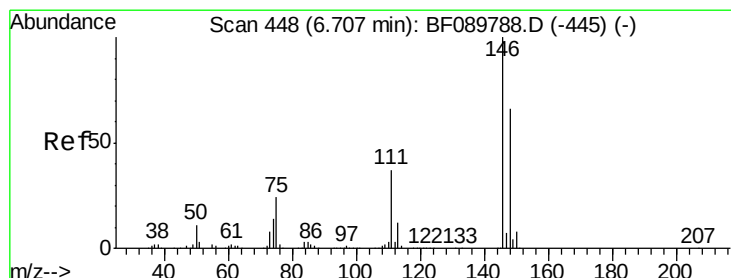
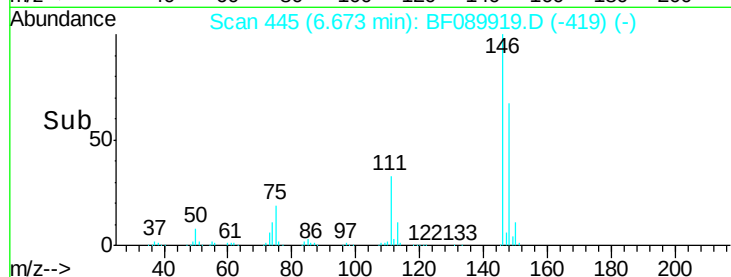
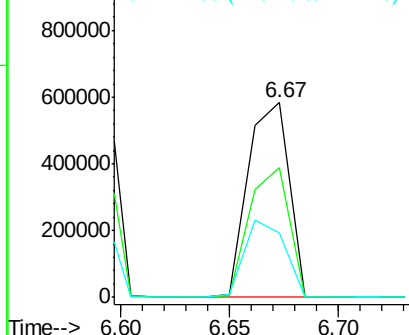
#13
 1,4-Dichlorobenzene
 Concen: 32.03 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleID :
 PB93109BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.0	76.6
111	32.9	34.6	52.0

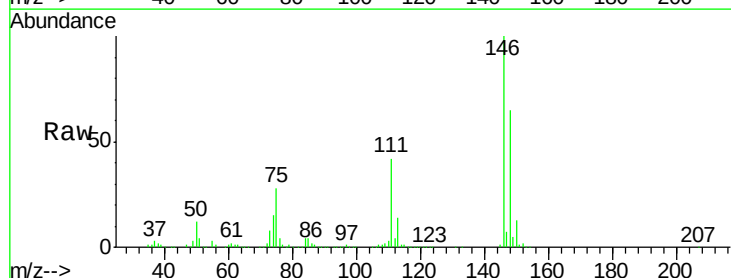


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

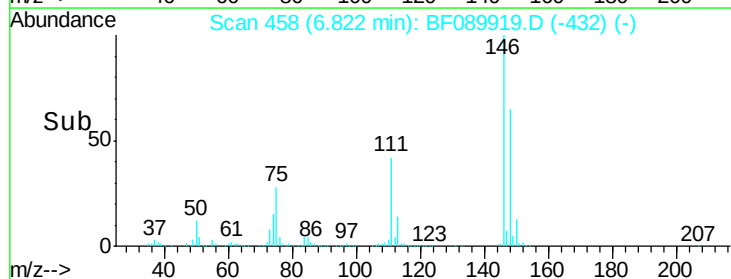
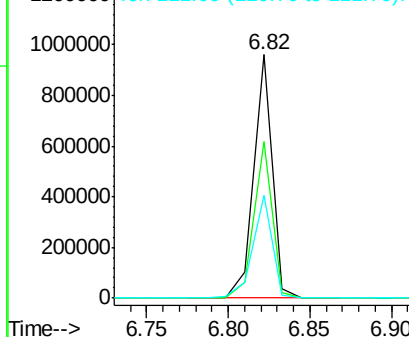


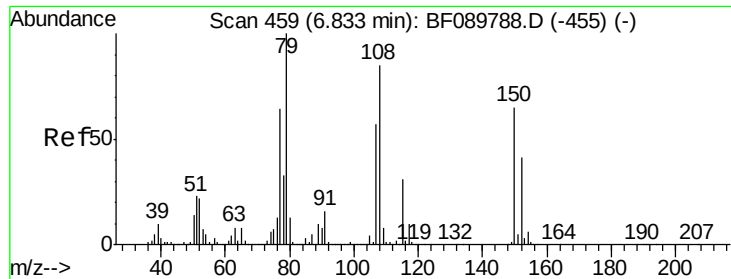
#14
 1,2-Dichlorobenzene
 Concen: 34.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	42.1	29.8	44.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.97 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

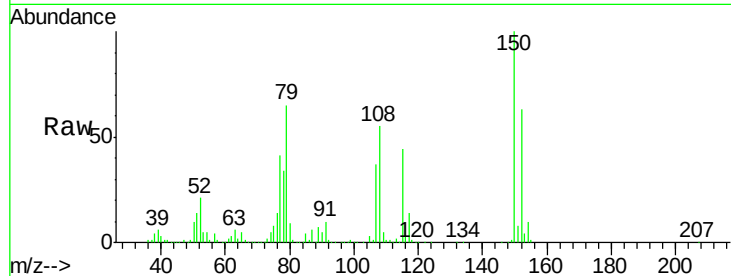
Tot Ion: 79 Resp: 481060

Ion Ratio Lower Upper

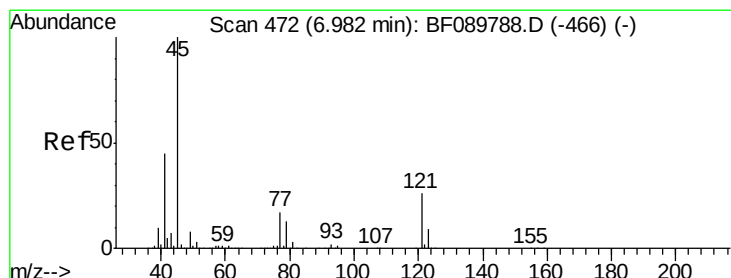
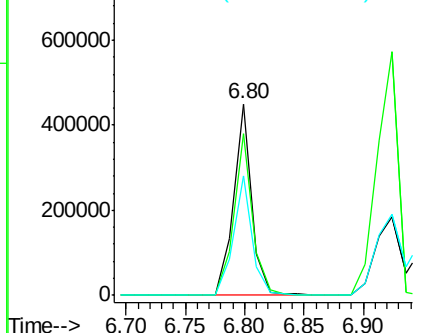
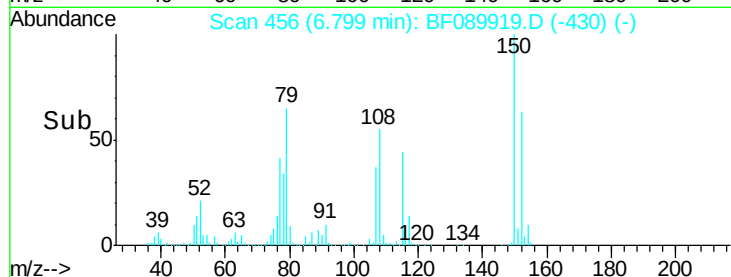
79 100

108 84.3 62.5 93.7

77 62.2 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: 31.18 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

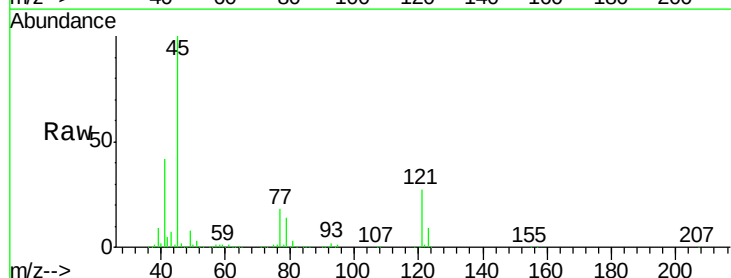
Tgt Ion: 45 Resp: 822873

Ion Ratio Lower Upper

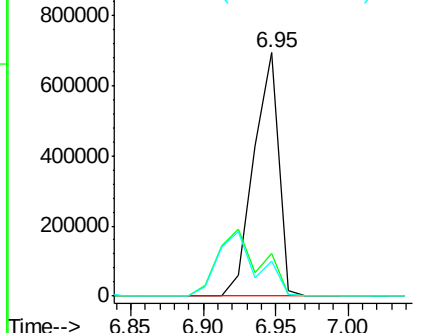
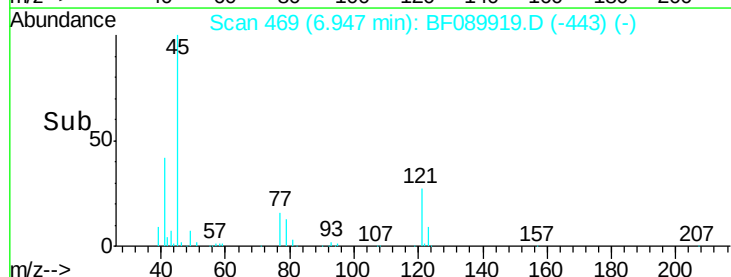
45 100

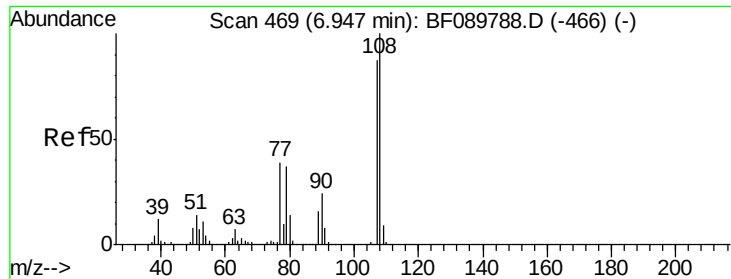
77 17.5 0.0 33.5

79 14.1 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

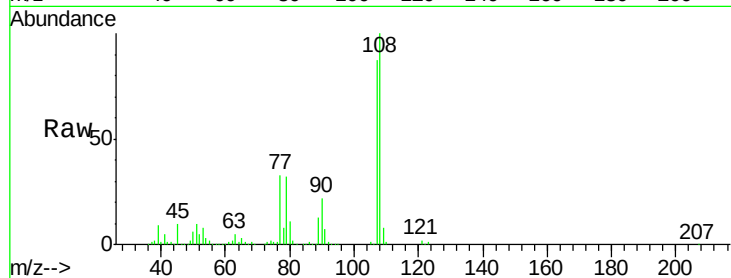




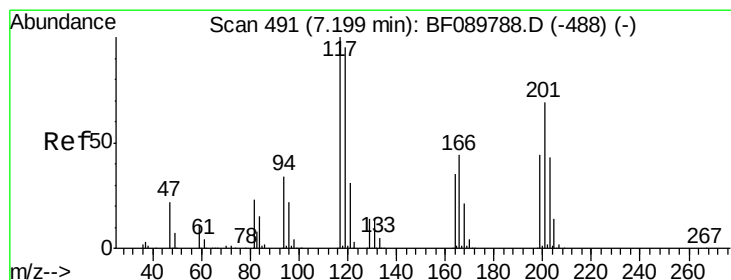
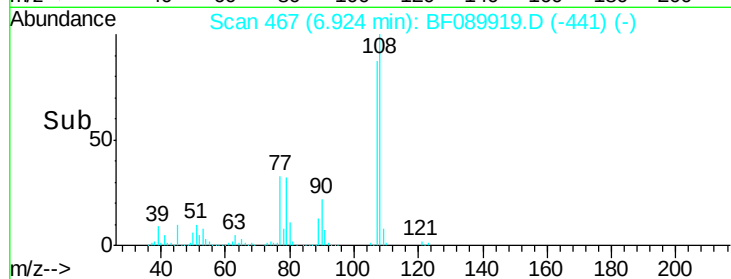
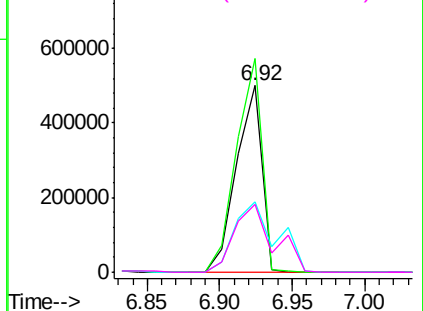
#17
2-Methylphenol
Concen: 35.30 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:	107	Resp:	611000
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.0	136.4
77	38.0	37.4	56.0
79	36.7	36.6	55.0

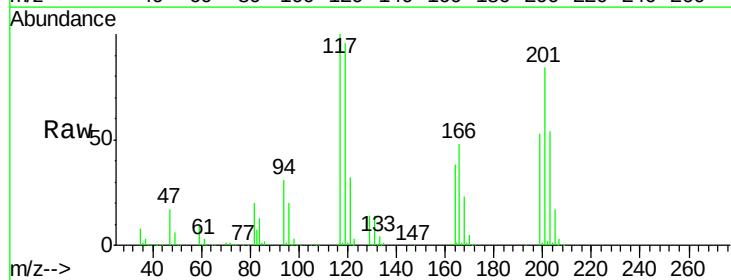


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

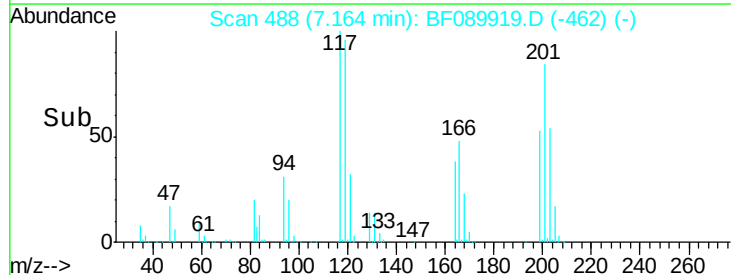
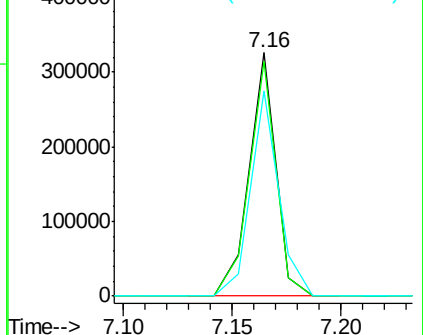


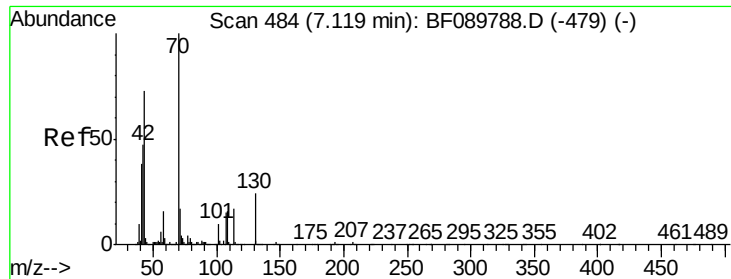
#18
Hexachloroethane
Concen: 32.86 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:	117	Resp:	278326
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
201	84.2	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

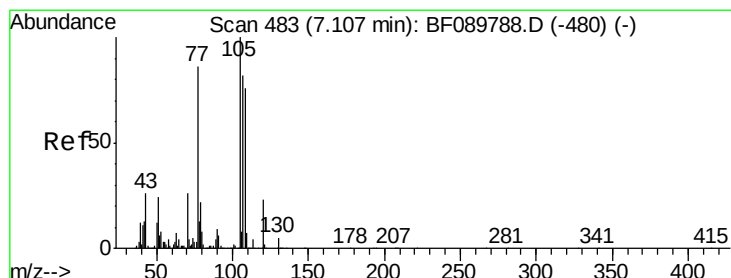
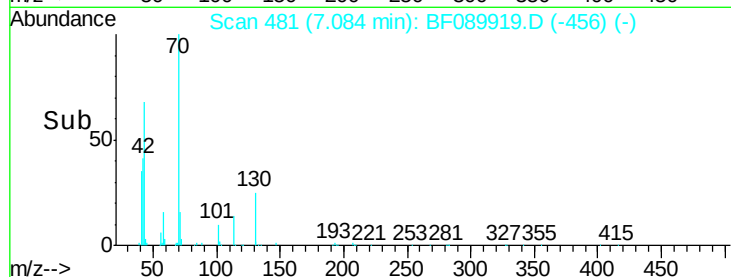
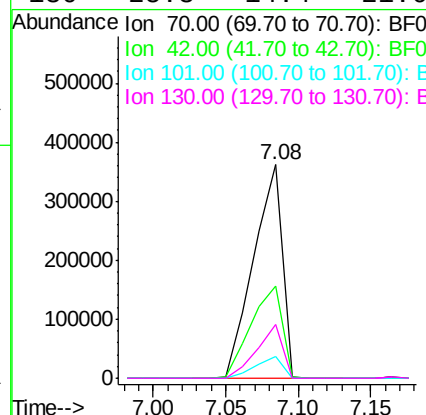
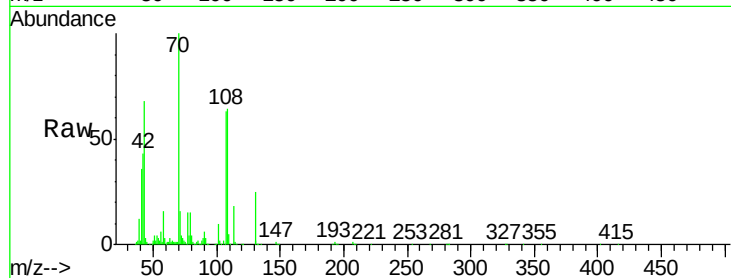




#19
n-Nitroso-di-n-propylamine
Concen: 34.42 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

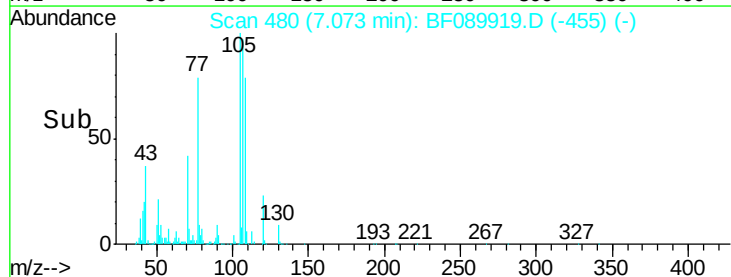
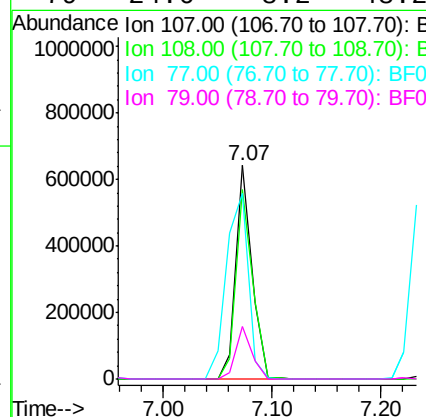
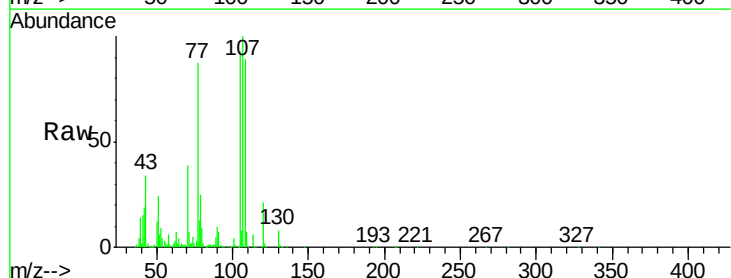
Instrument :
BNA_F
ClientSampleId :
PB93109BS

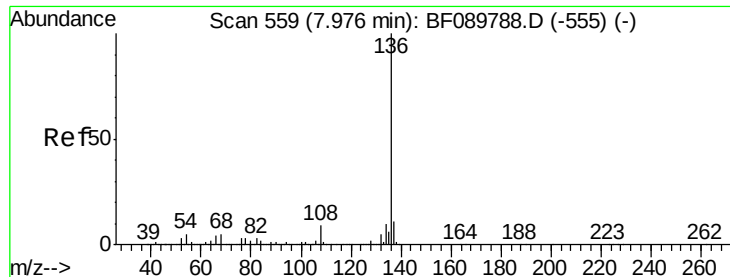
Tot Ion: 70 Resp: 499412
Ion Ratio Lower Upper
70 100
42 43.3 46.3 69.5#
101 10.4 7.0 10.6
130 25.3 14.4 21.6#



#20
3+4-Methylphenols
Concen: 30.88 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 107 Resp: 655430
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 86.8 122.3 162.3#
79 24.6 8.2 48.2

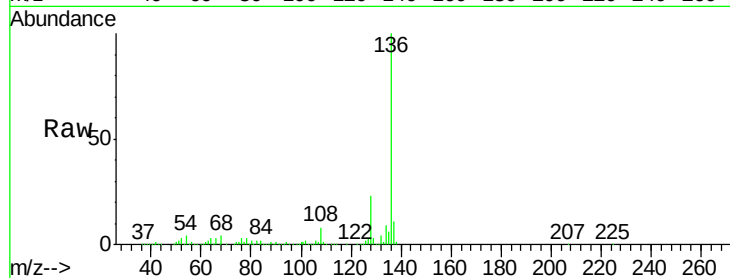




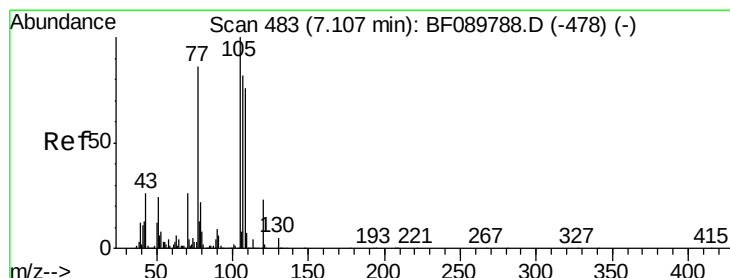
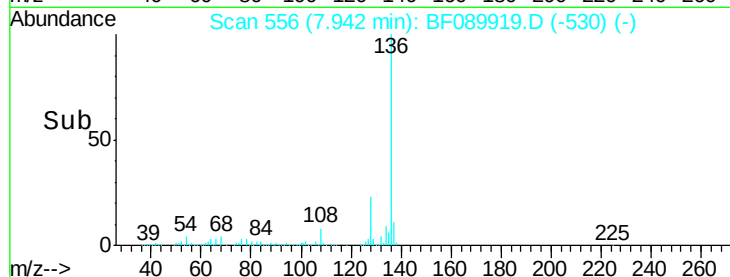
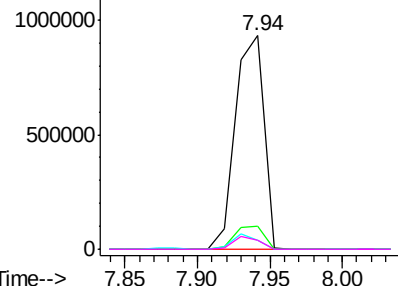
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:136	Resp: 1275329
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 4.4	7.2 10.8#
68 4.2	5.8 8.8#

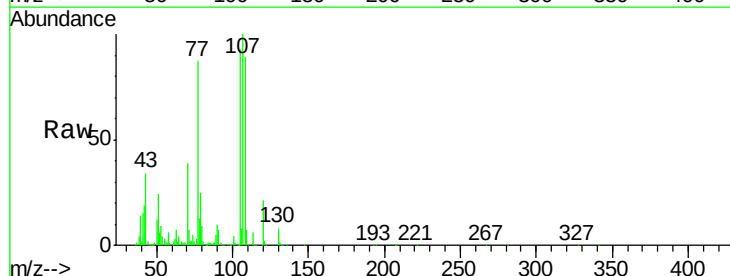


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

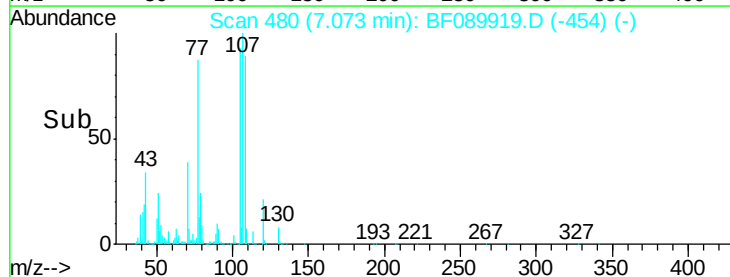
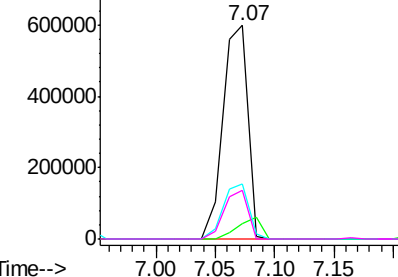


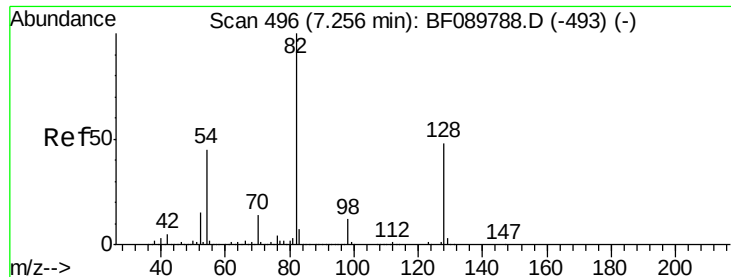
#22
Acetophenone
Concen: 29.81 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt	Ion:105	Resp:	873062
Ion	Ratio	Lower	Upper
105	100		
71	7.2	1.9	2.9#
51	25.8	28.5	42.7#
120	22.6	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

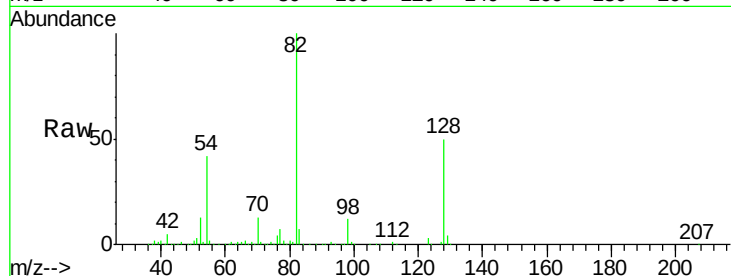




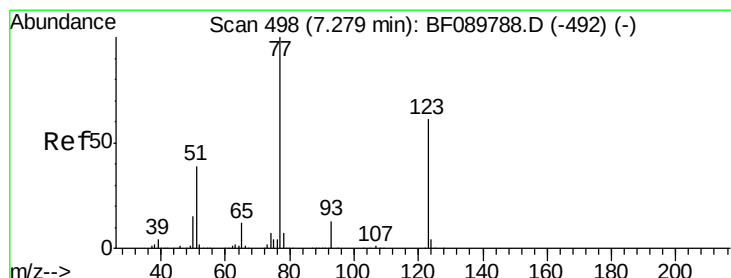
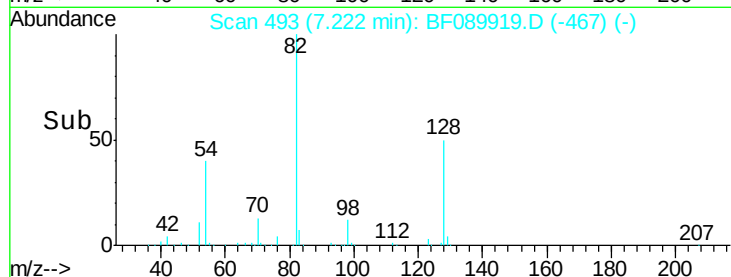
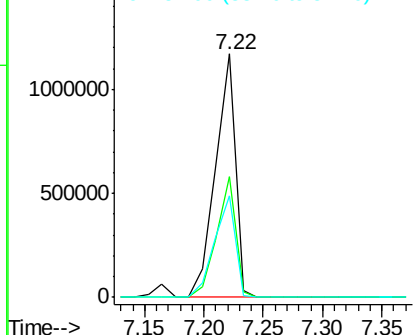
#23
Nitrobenzene-d5
Concen: 65.58 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion: 82 Resp: 1346283
Ion Ratio Lower Upper
82 100
128 49.8 34.4 51.6
54 41.7 40.3 60.5

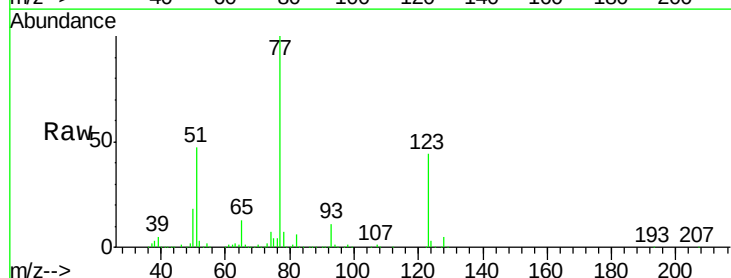


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

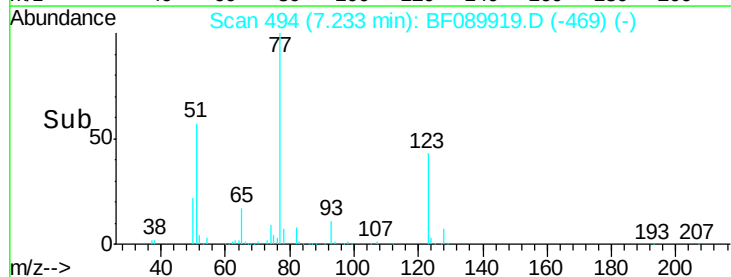
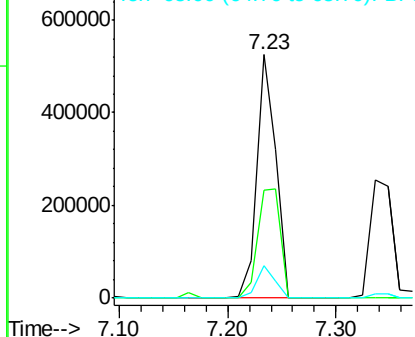


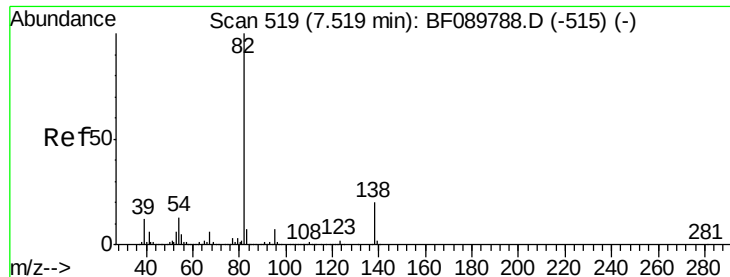
#24
Nitrobenzene
Concen: 27.78 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 77 Resp: 639755
Ion Ratio Lower Upper
77 100
123 44.4 36.2 54.2
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.16 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

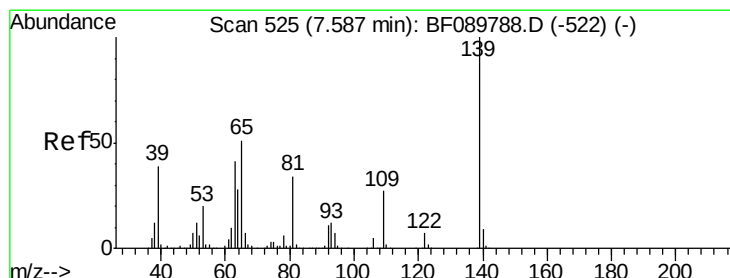
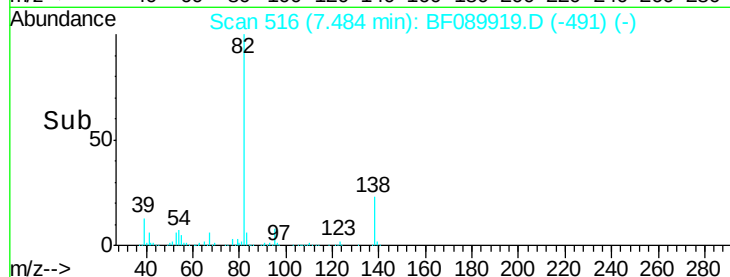
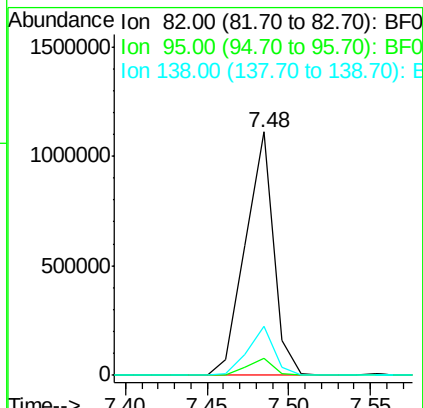
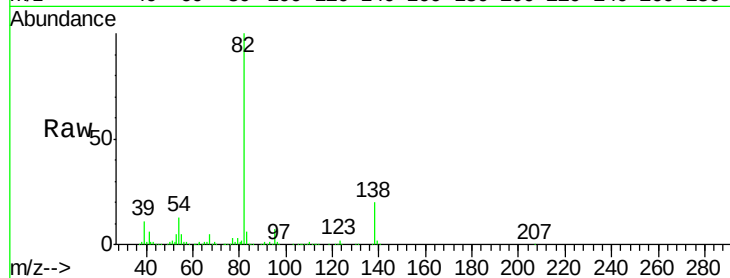
Tot Ion: 82 Resp: 1331591

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.3 13.0 19.4#



#26

2-Nitrophenol

Concen: 30.87 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

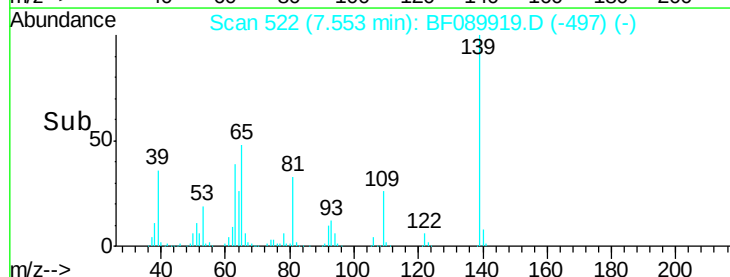
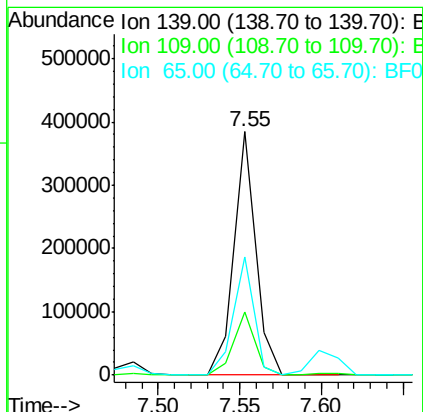
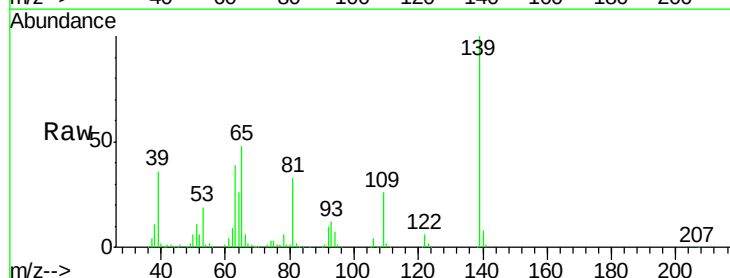
Tgt Ion: 139 Resp: 354679

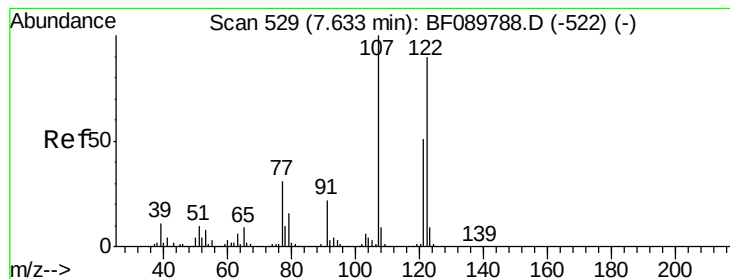
Ion Ratio Lower Upper

139 100

109 26.2 19.5 29.3

65 48.4 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 32.13 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

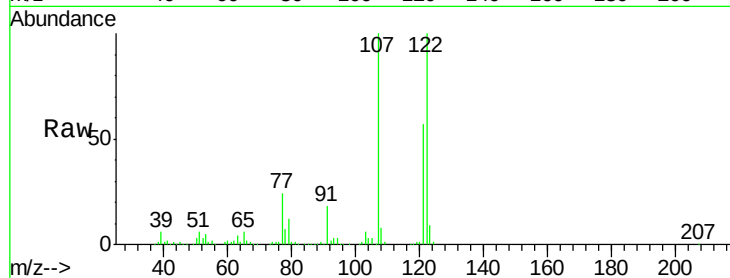
Tot Ion:122 Resp: 665415

Ion Ratio Lower Upper

122 100

107 99.8 84.8 127.2

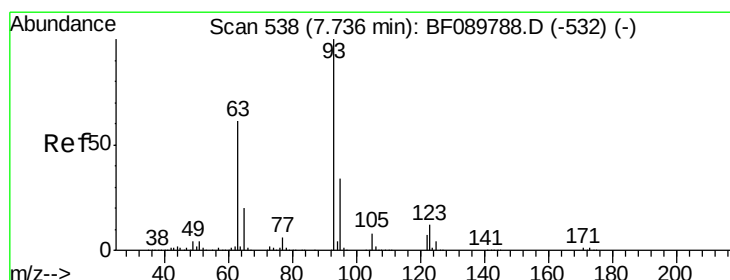
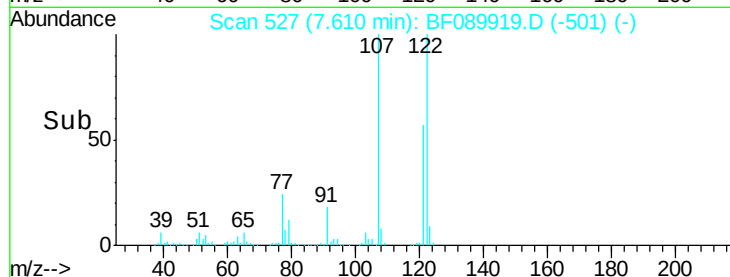
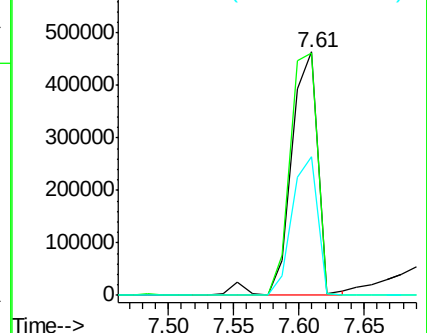
121 56.8 47.0 70.6



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: 35.50 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

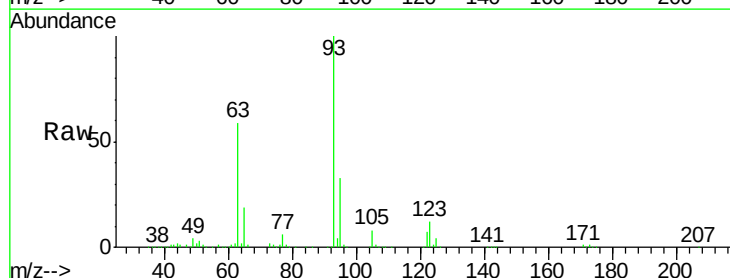
Tgt Ion: 93 Resp: 909411

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

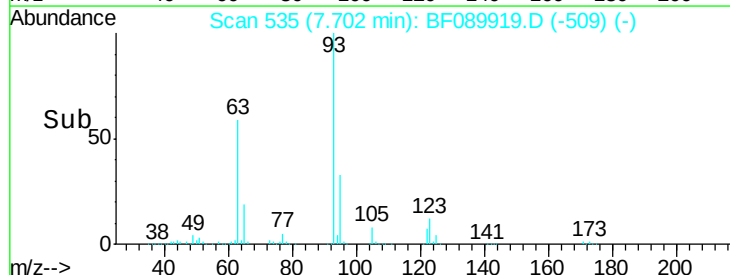
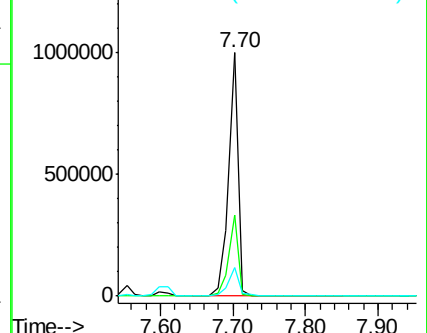
123 11.9 8.5 12.7

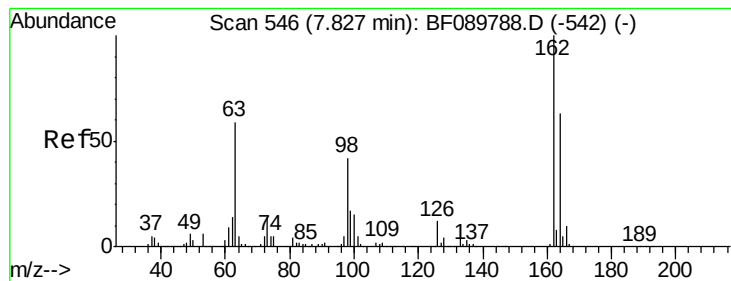


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.41 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

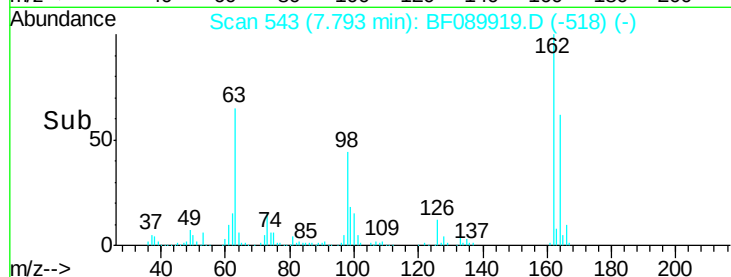
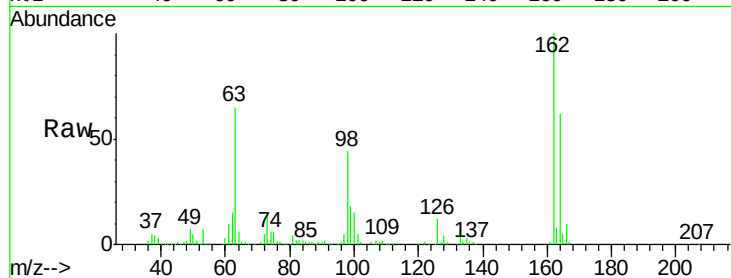
Tot Ion:162 Resp: 563170

Ion Ratio Lower Upper

162 100

164 62.1 45.5 85.5

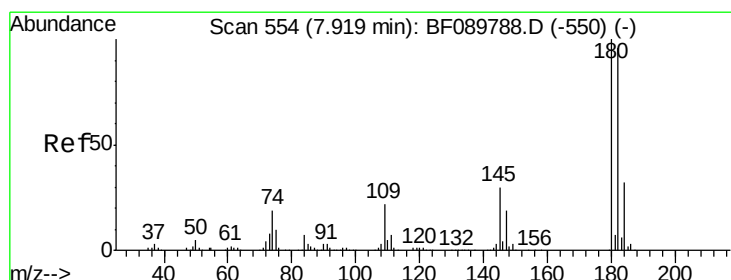
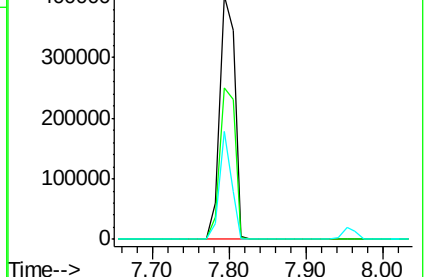
98 44.4 12.4 52.4



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: 32.95 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

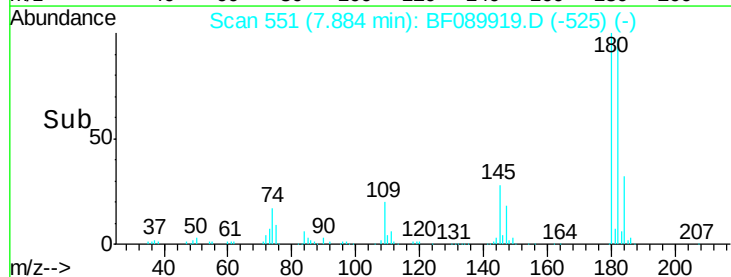
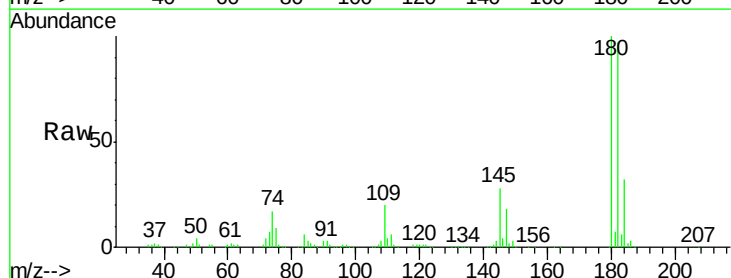
Tgt Ion:180 Resp: 633292

Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

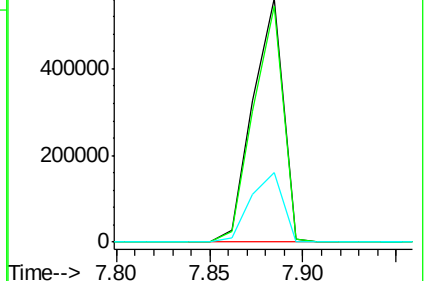
145 28.5 28.7 43.1#

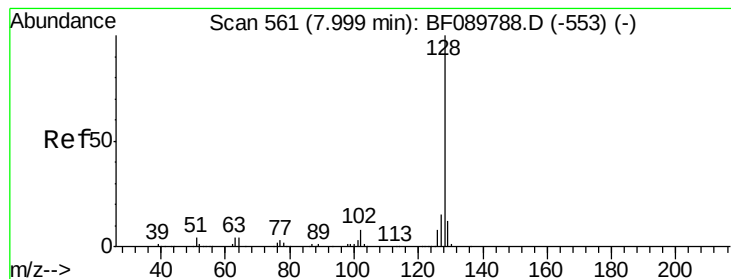


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.62 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

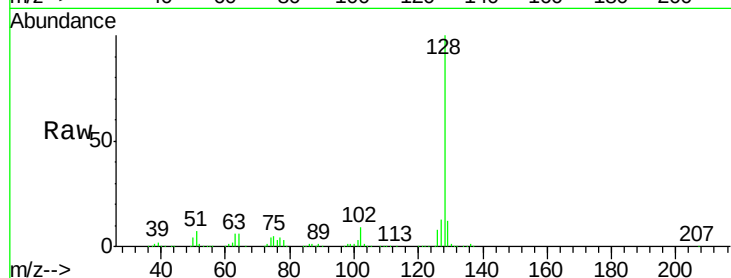
Tot Ion:128 Resp: 1944104

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

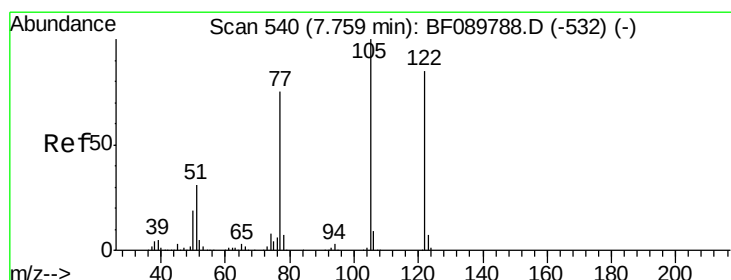
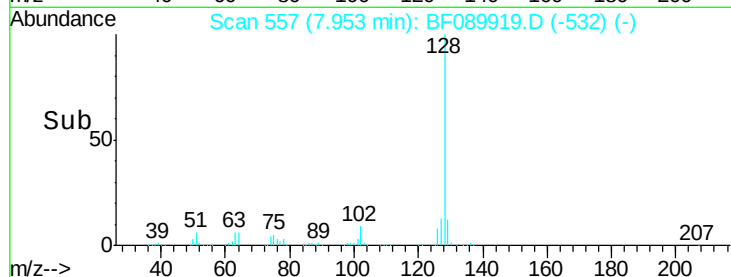
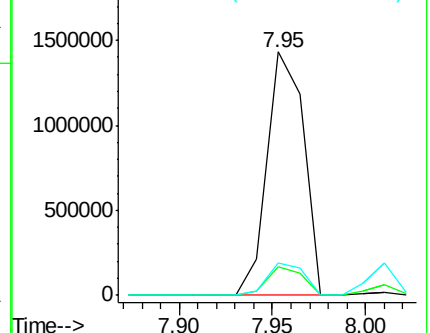
127 13.4 11.3 16.9



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: 20.47 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.05 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

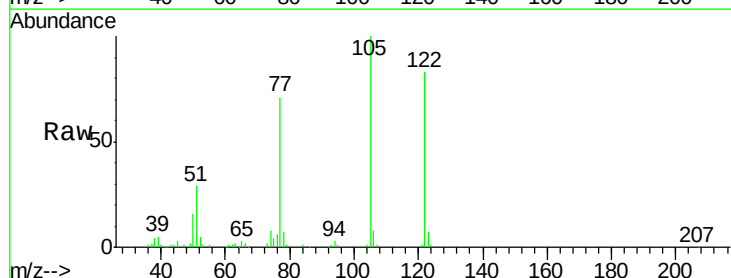
Tgt Ion:122 Resp: 330408

Ion Ratio Lower Upper

122 100

105 120.1 100.8 140.8

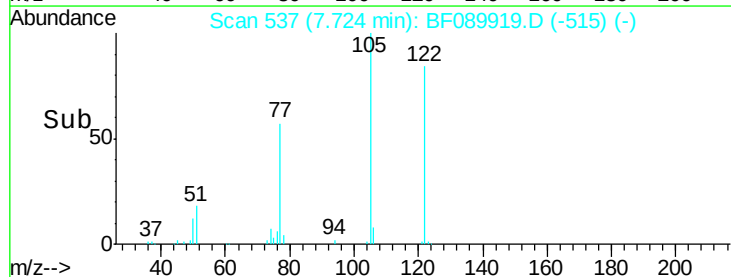
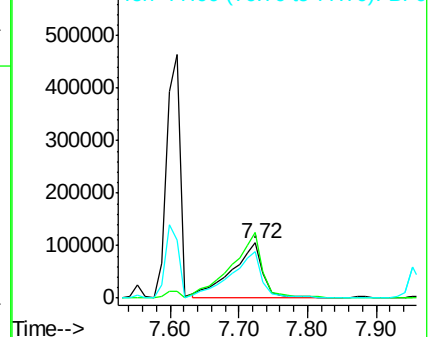
77 85.0 72.1 112.1

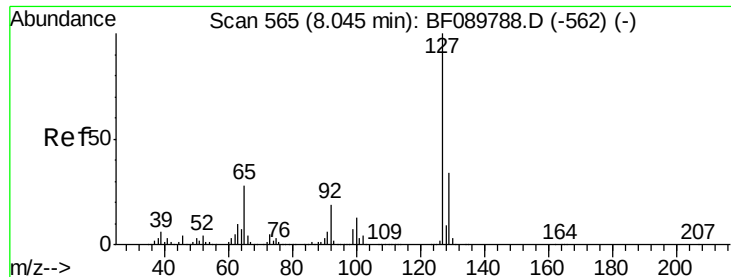


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

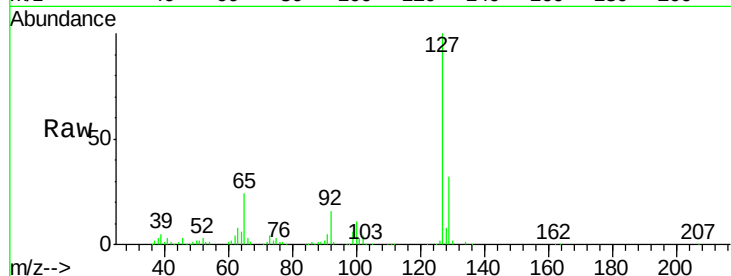




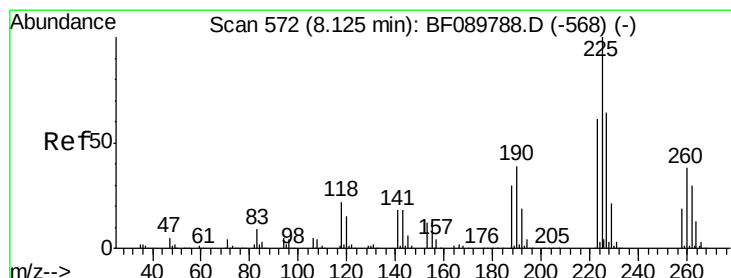
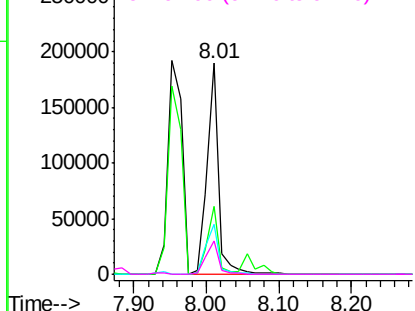
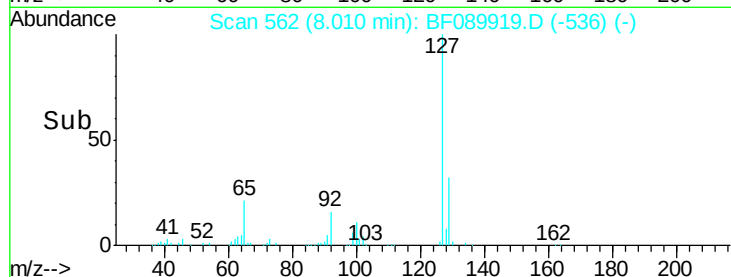
#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:	127	Resp:	208876
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.6
65	23.6	14.7	22.1#
92	16.0	11.7	17.5

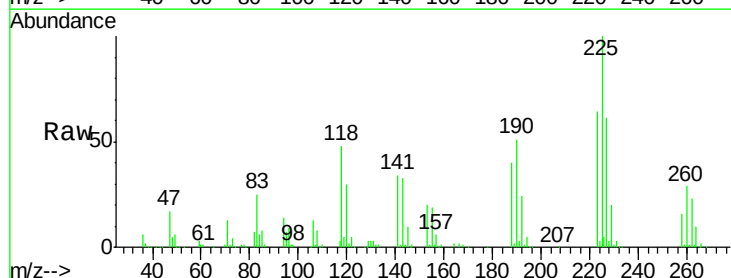


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

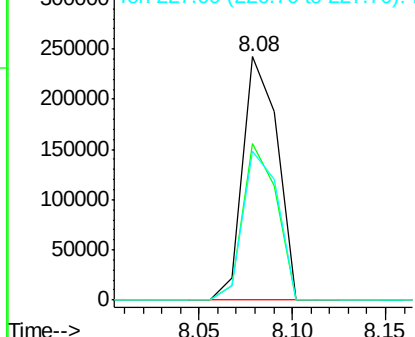
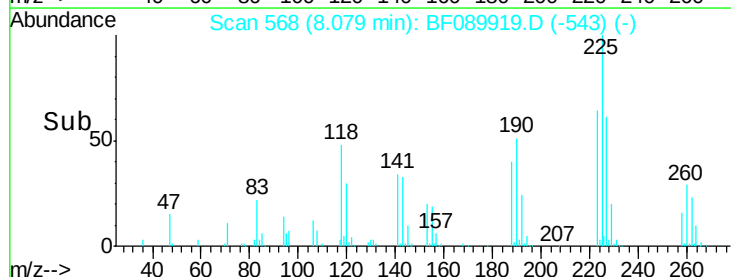


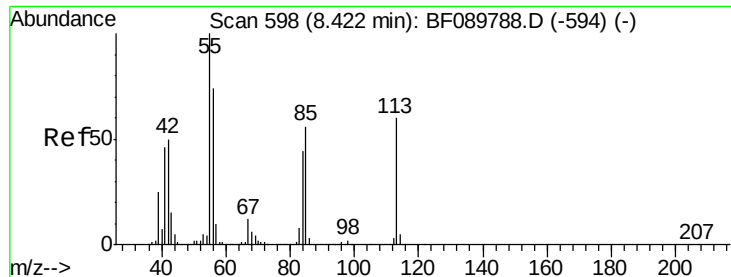
#34
Hexachlorobutadiene
Concen: 30.85 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:	225	Resp:	310513
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	61.4	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: 31.96 ng/mL

RT: 8.38 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

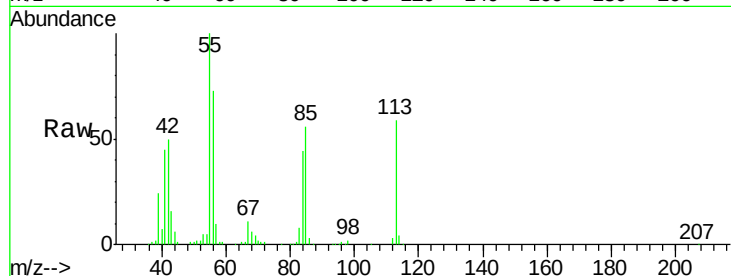
Tot Ion:113 Resp: 169135

Ion Ratio Lower Upper

113 100

55 168.2 135.9 175.9

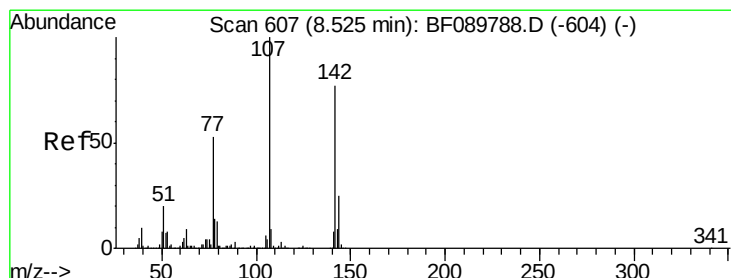
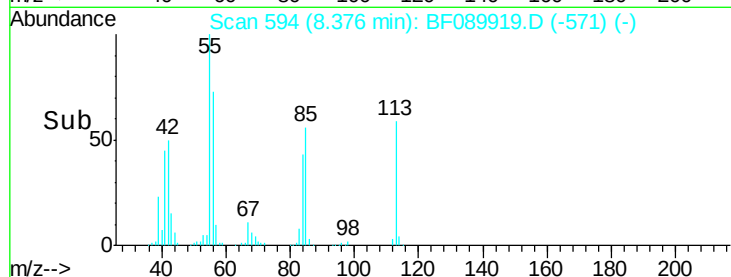
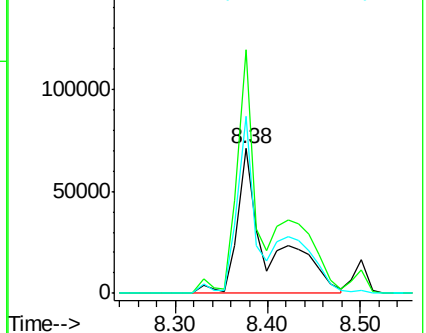
56 122.7 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.80 ng/mL

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

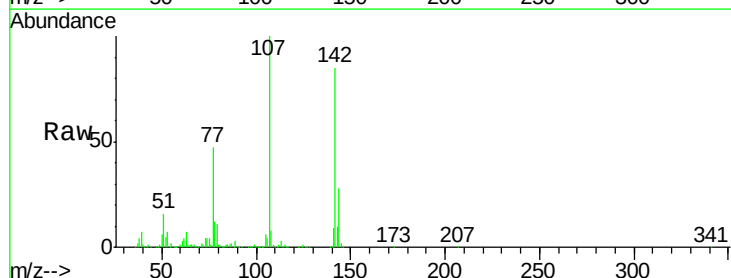
Tgt Ion:107 Resp: 617239

Ion Ratio Lower Upper

107 100

144 28.2 22.6 34.0

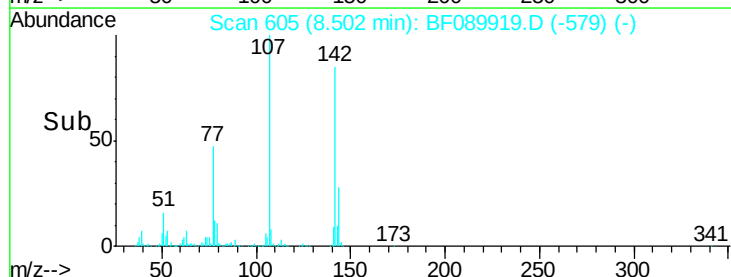
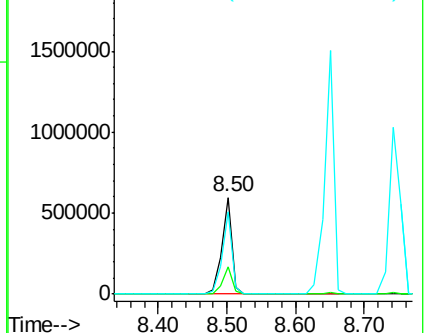
142 85.2 69.3 103.9

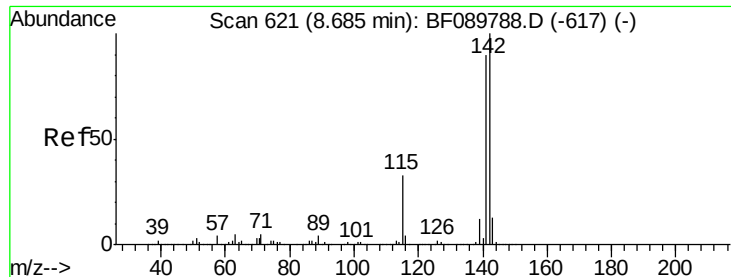


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

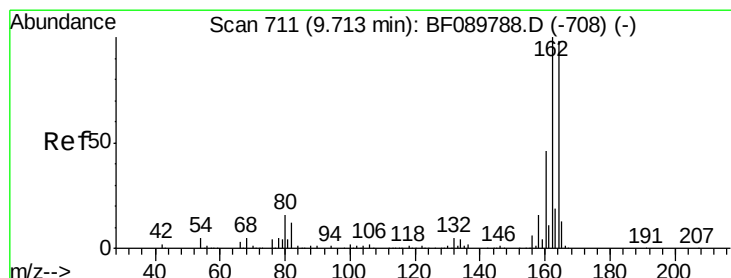
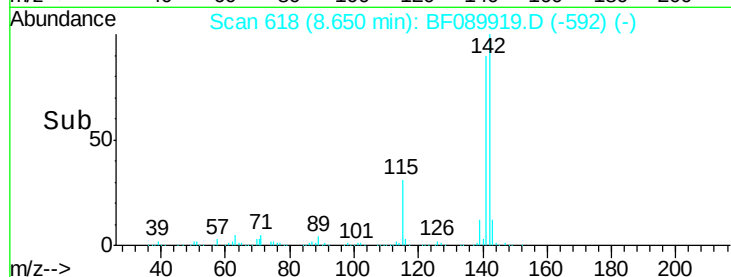
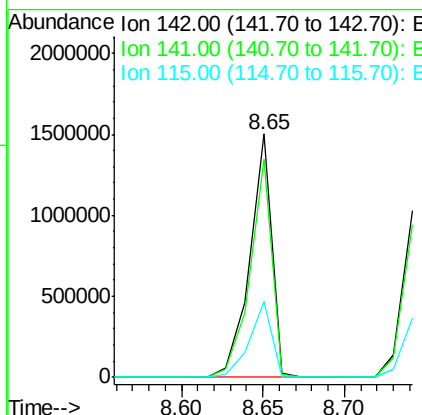
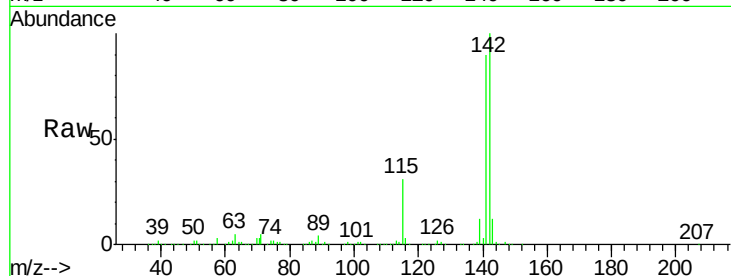




#37
 2-Methylnaphthalene
 Concen: 36.34 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

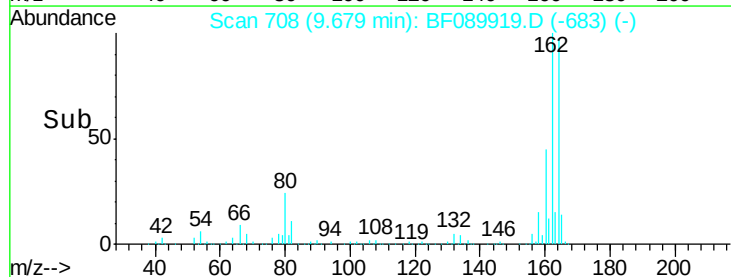
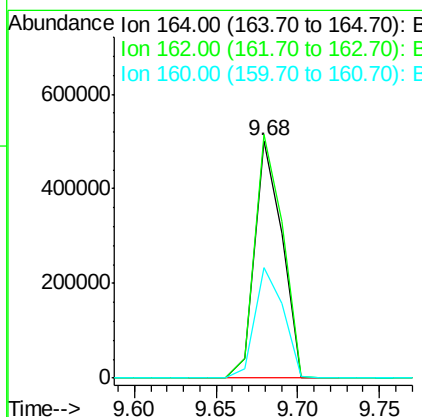
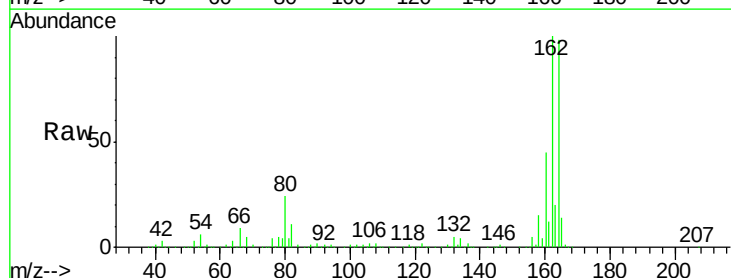
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

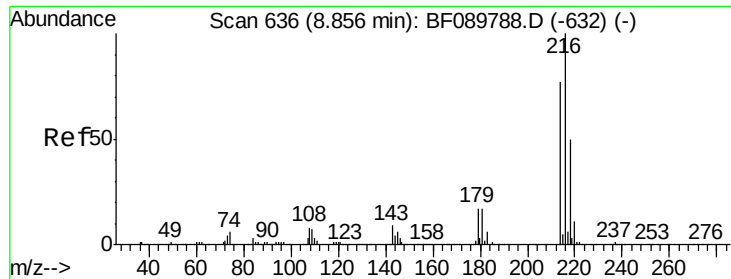
Tot Ion:142 Resp: 1401204
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 31.2 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:164 Resp: 584434
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 46.6 37.8 56.6

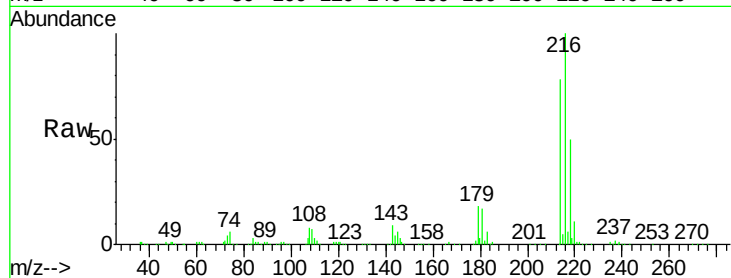




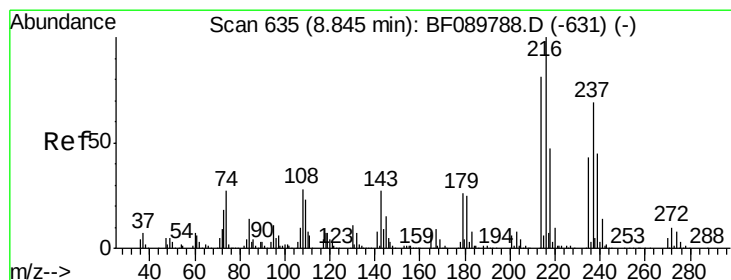
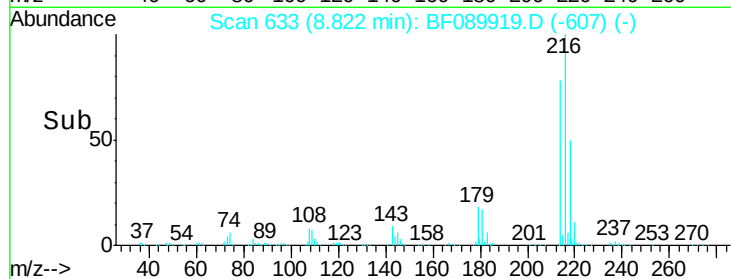
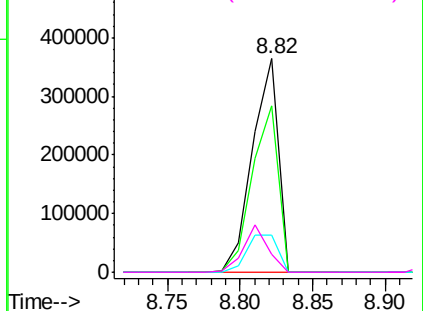
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.83 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tot Ion:216	Resp:	450924
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.5 95.3
179	21.2	19.9 29.9
108	21.1	19.9 29.9

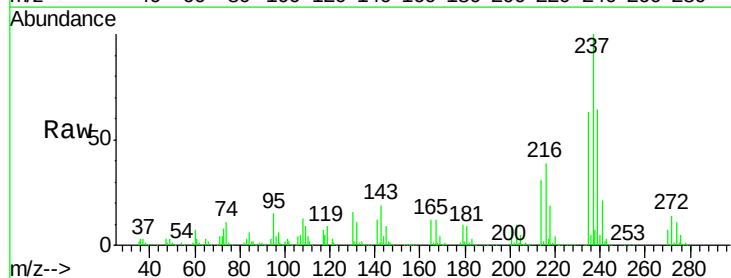


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

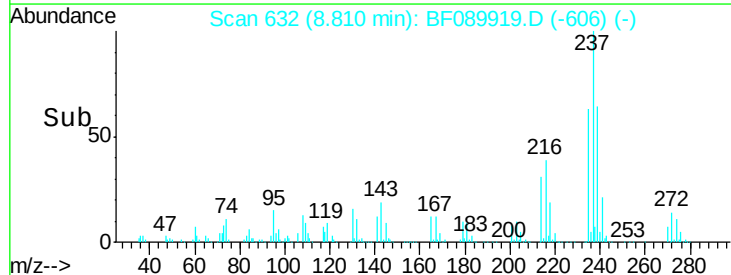
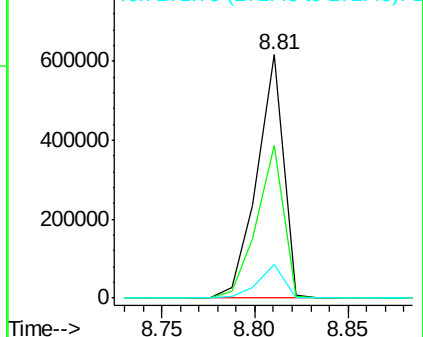


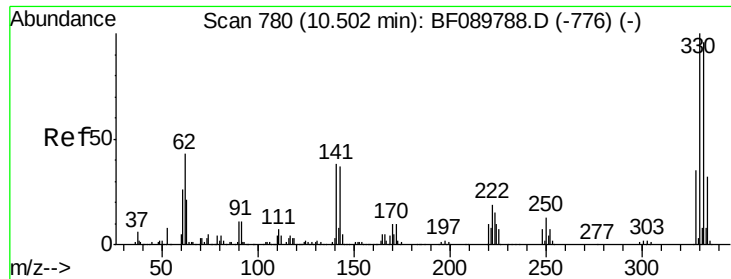
#40
 Hexachlorocyclopentadiene
 Concen: 92.31 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:237	Resp:	606499
Ion Ratio	Lower	Upper
237	100	
235	62.8	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

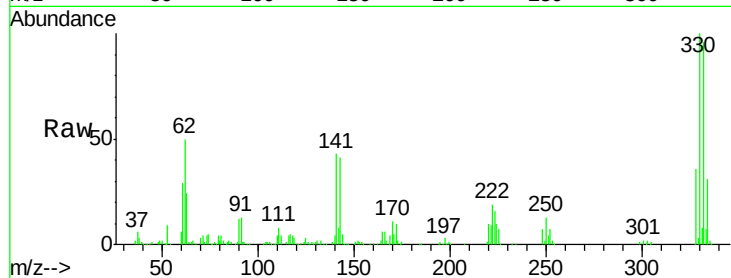




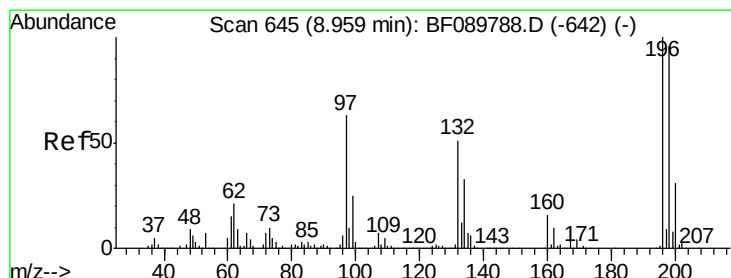
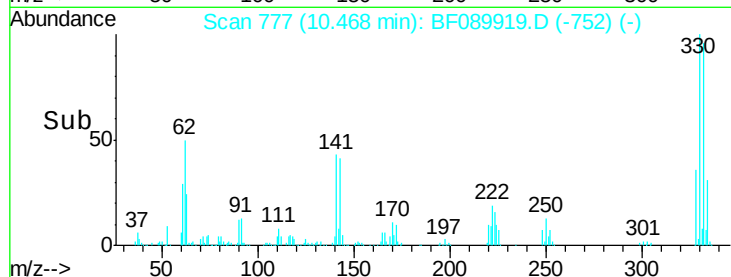
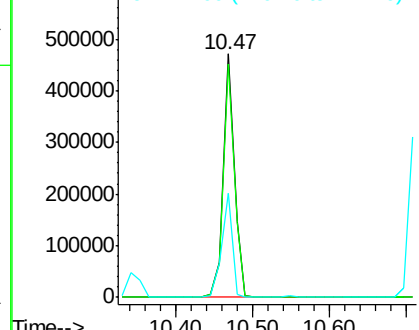
#41
 2,4,6-Tribromophenol
 Concen: 86.64 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tot Ion:330 Resp: 481196
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 39.6 30.2 45.2

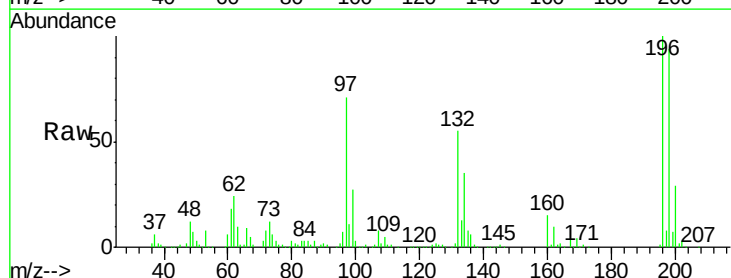


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

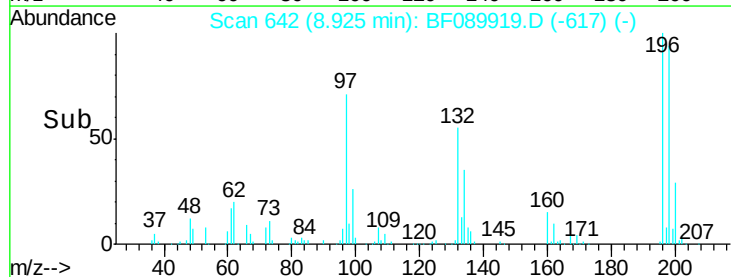
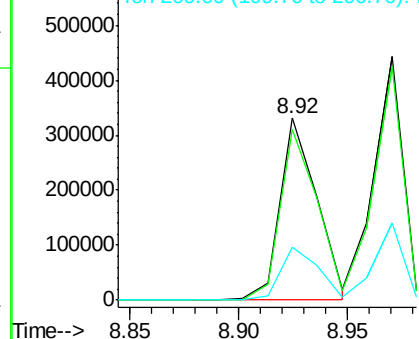


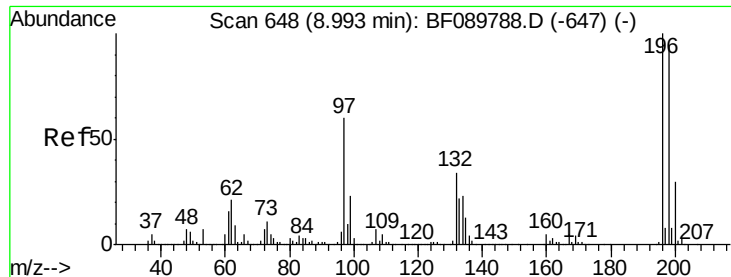
#42
 2,4,6-Trichlorophenol
 Concen: 33.06 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:196 Resp: 393566
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.4 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

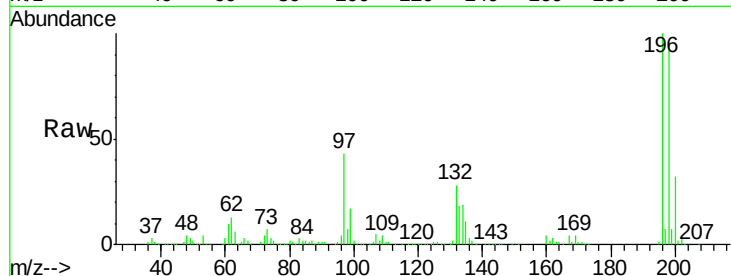




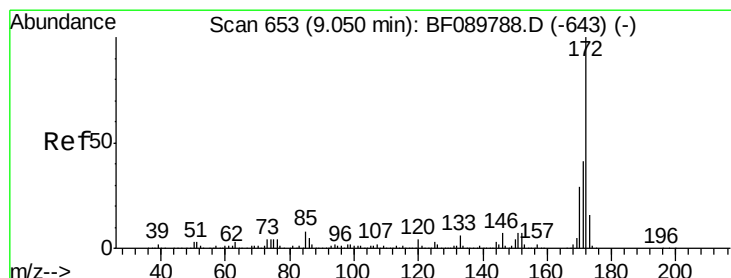
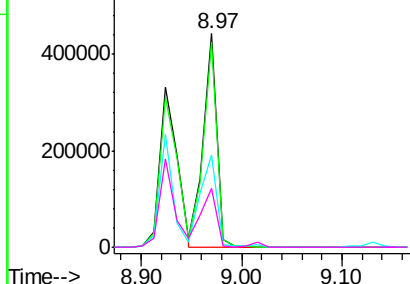
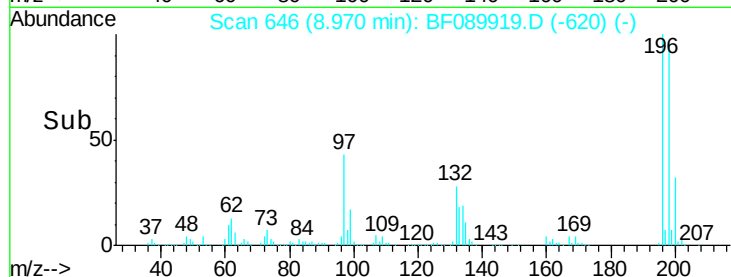
#43
 2,4,5-Trichlorophenol
 Concen: 35.25 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tot Ion:196 Resp: 417471
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 114.8
 97 43.2 35.8 53.8
 132 27.8 23.5 35.3

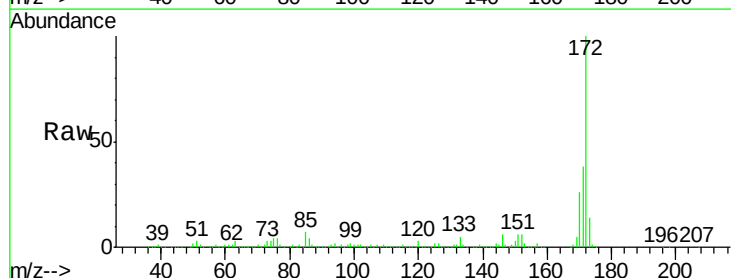


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

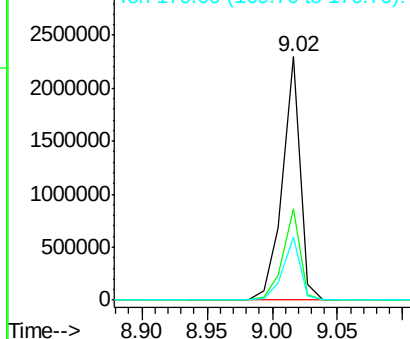
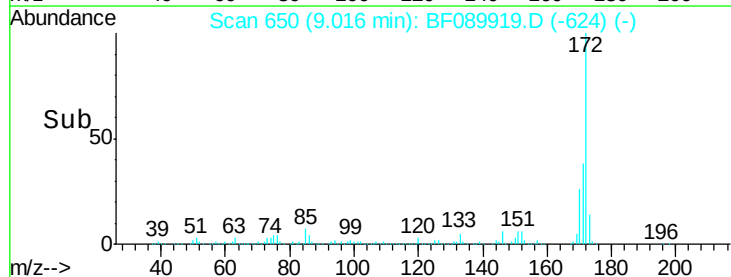


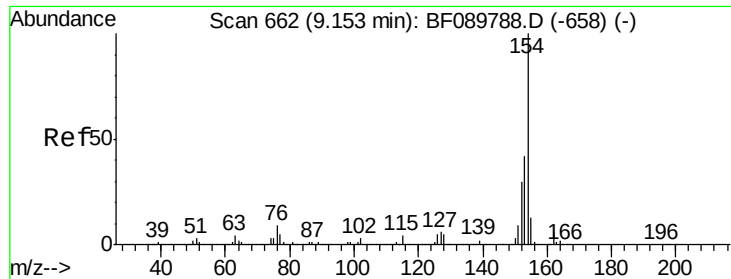
#44
 2-Fluorobiphenyl
 Concen: 66.58 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:172 Resp: 2213919
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 25.8 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: 30.89 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

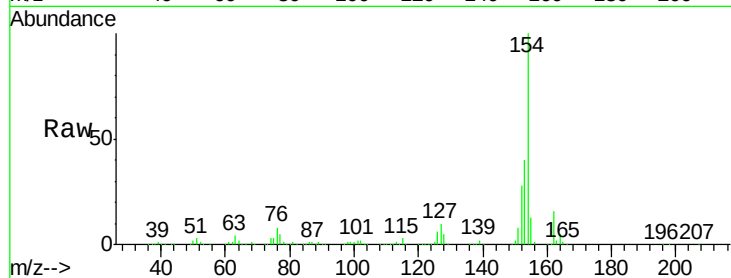
BNA_F

ClientSampleId :

PB93109BS

Tot Ion:154 Resp: 1397140

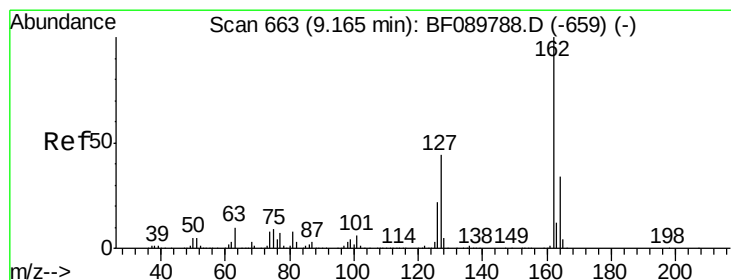
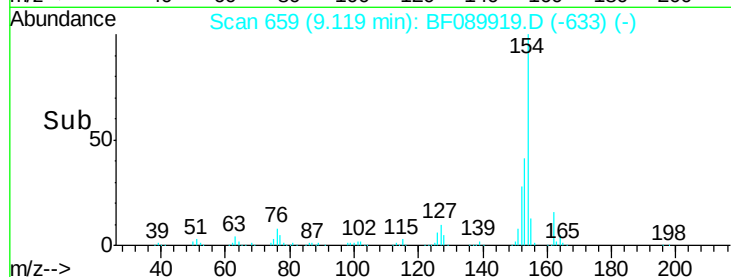
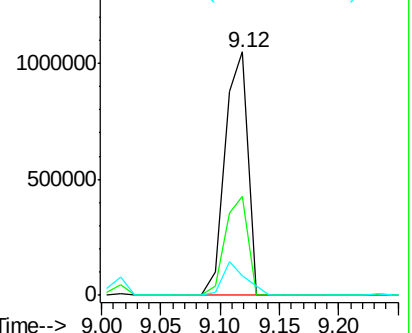
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	8.1	0.0	36.7



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: 32.01 ng

RT: 9.13 min Scan# 660

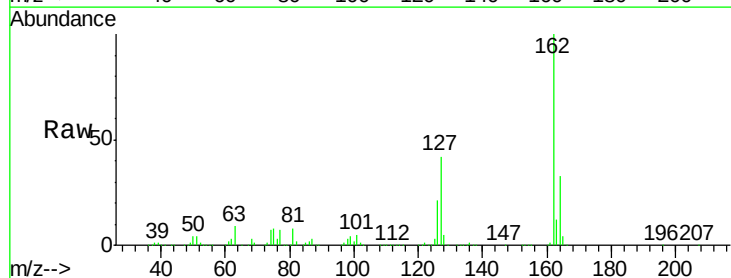
Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion:162 Resp: 1144530

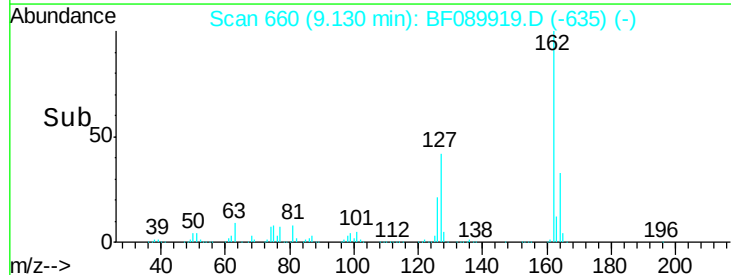
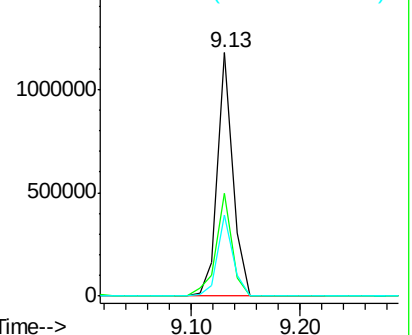
Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.5	53.3
164	33.2	26.6	40.0

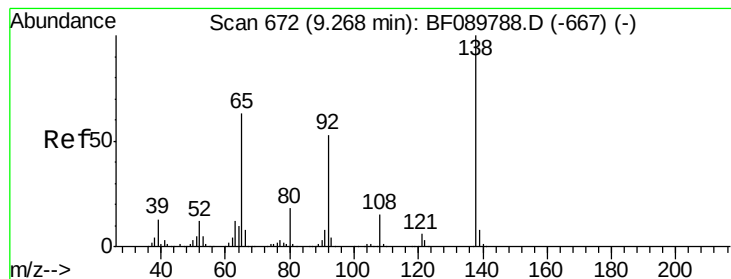


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.64 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

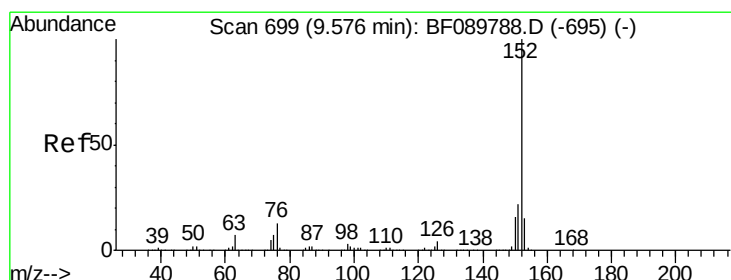
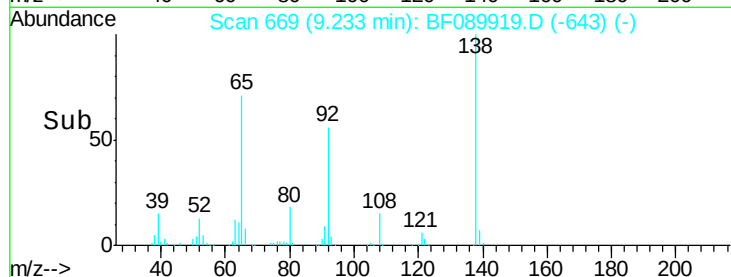
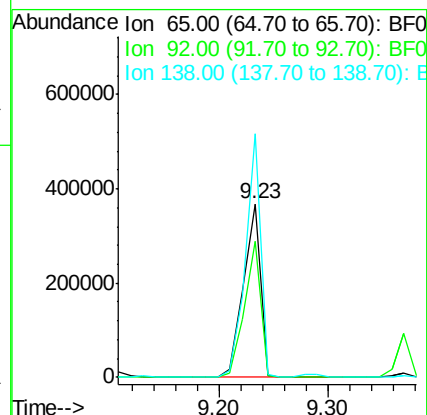
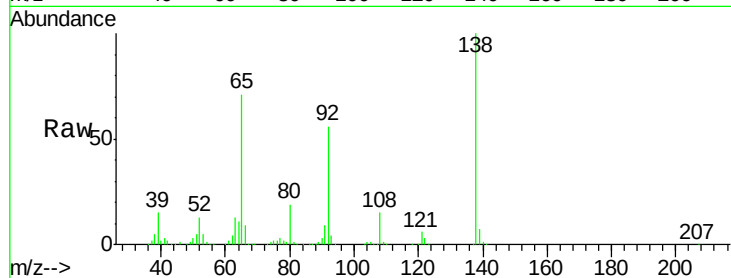
Tot Ion: 65 Resp: 394011

Ion Ratio Lower Upper

65 100

92 78.8 56.3 84.5

138 140.3 81.8 122.8#



#48

Acenaphthylene

Concen: 32.85 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

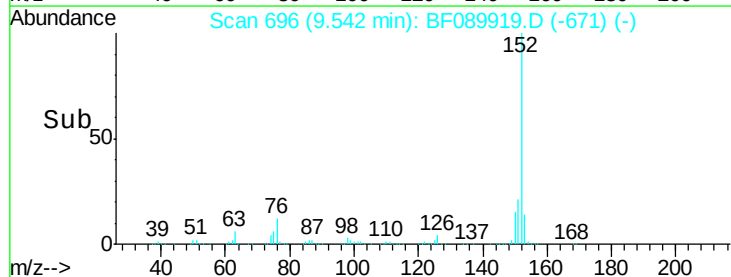
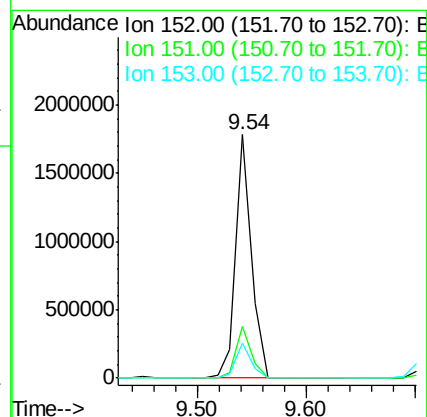
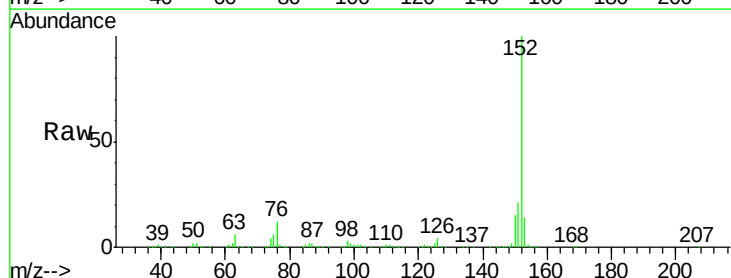
Tgt Ion: 152 Resp: 1764988

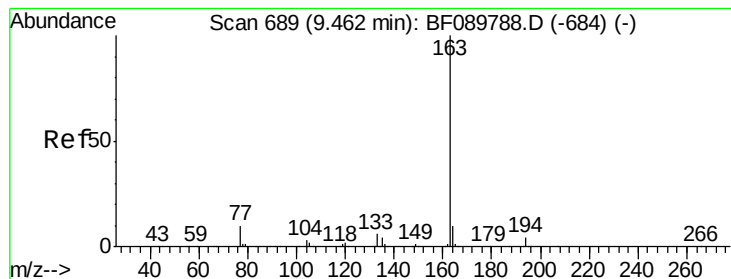
Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

153 14.2 11.2 16.8





#49

Dimethylphthalate

Concen: 35.95 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

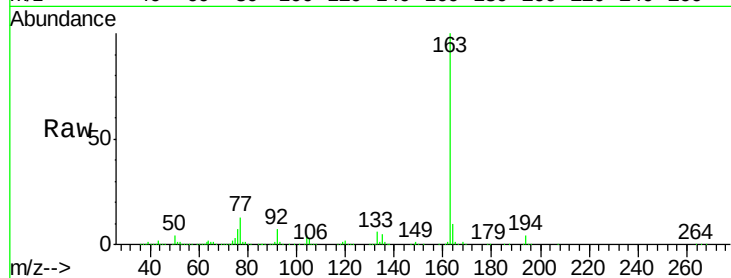
Tot Ion:163 Resp: 1479519

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

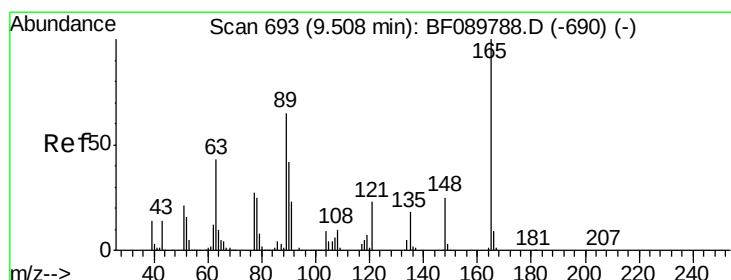
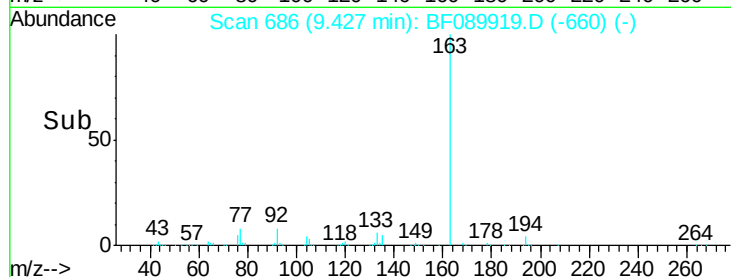
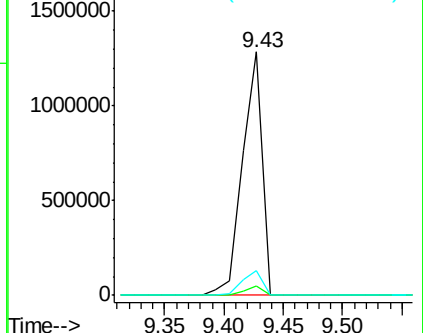
164 10.1 8.6 12.8



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: 31.08 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

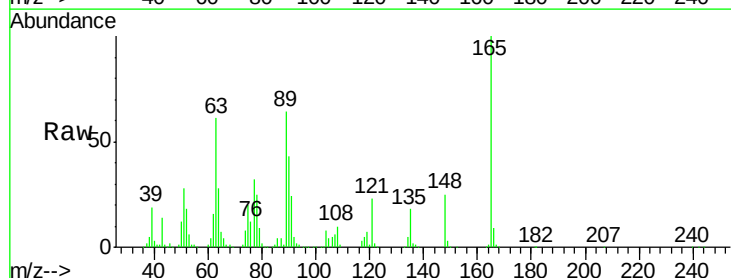
Tgt Ion:165 Resp: 295254

Ion Ratio Lower Upper

165 100

63 60.5 41.7 62.5

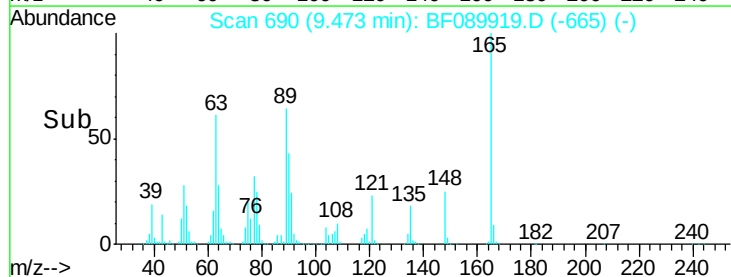
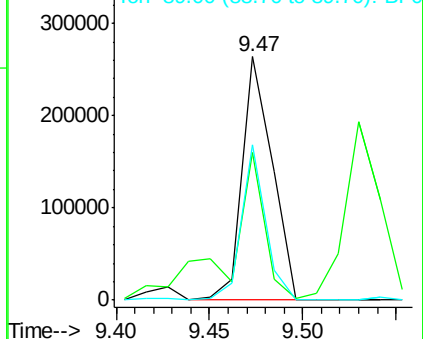
89 63.9 44.6 67.0

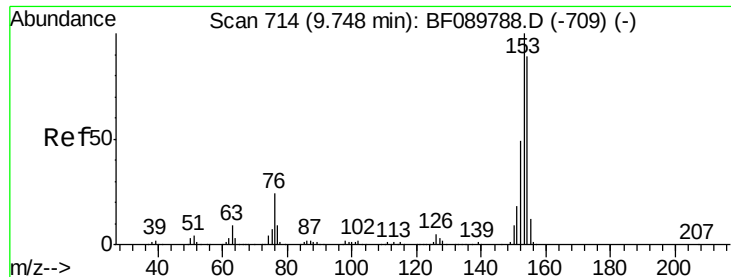


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

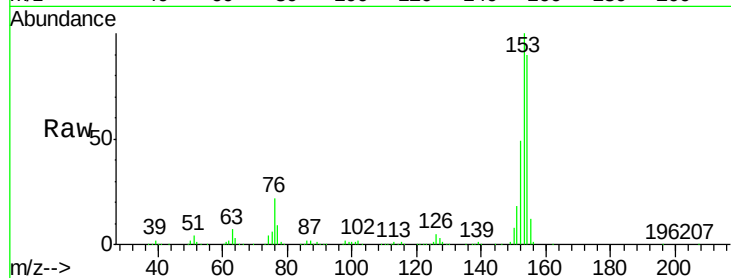
Tot Ion:154 Resp: 1278206

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

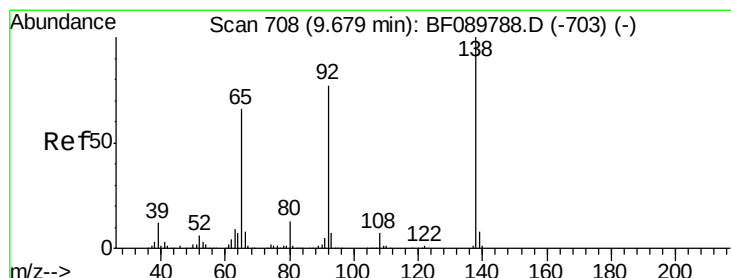
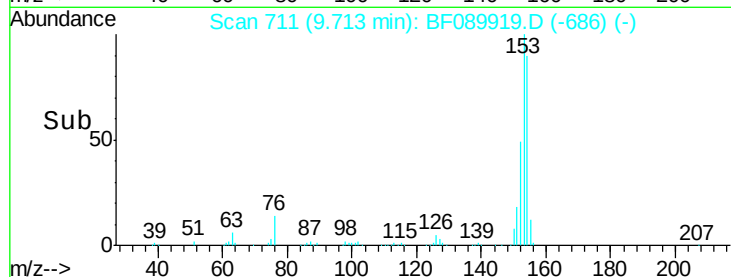
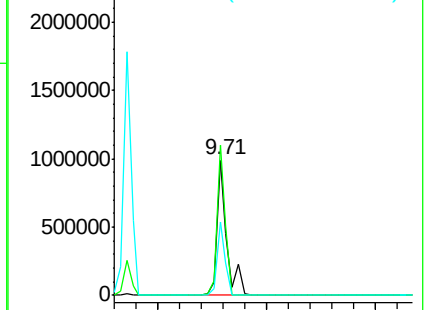
152 54.5 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.78 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

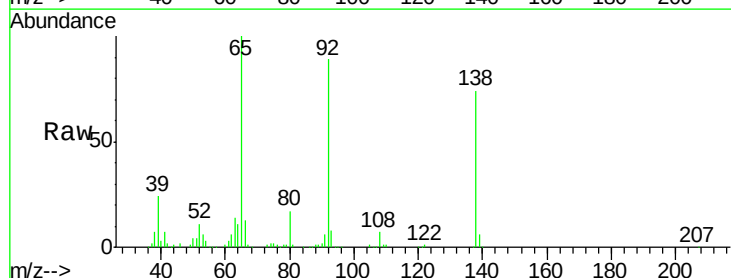
Tgt Ion:138 Resp: 187168

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

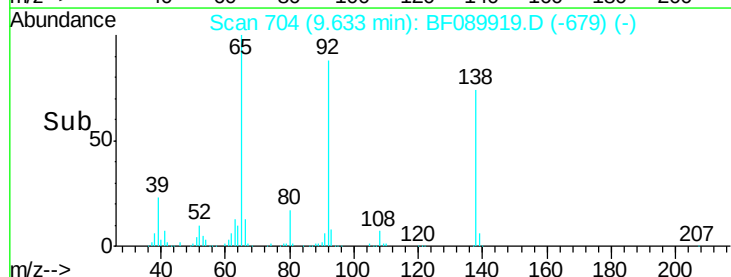
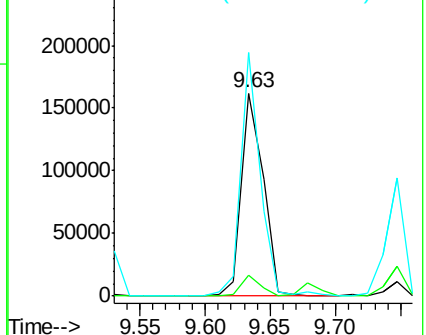
92 120.1 92.7 139.1

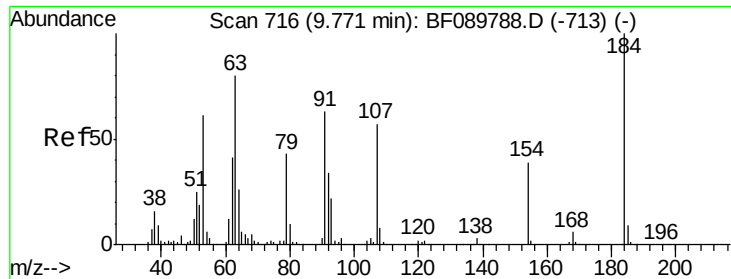


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

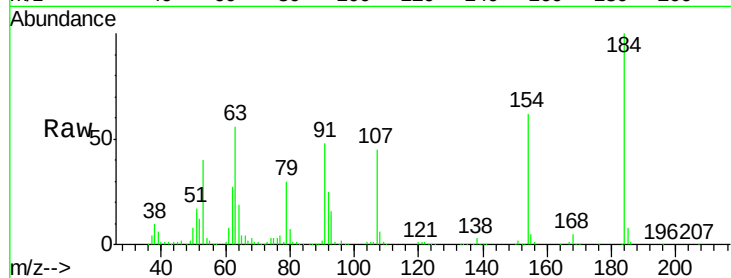




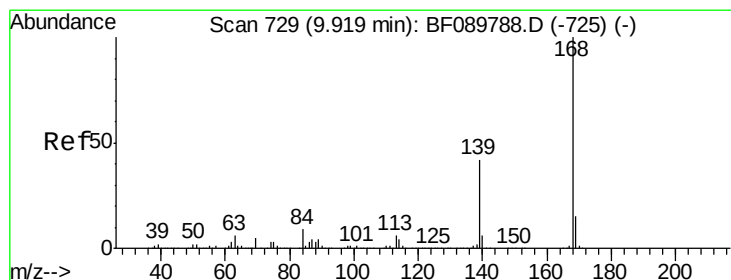
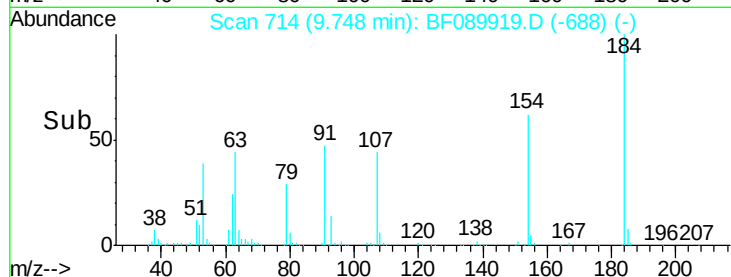
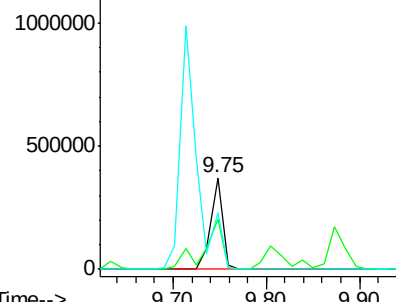
#53
2,4-Dinitrophenol
Concen: 65.18 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:184 Resp: 334747
Ion Ratio Lower Upper
184 100
63 55.6 54.2 81.4
154 62.2 52.7 79.1

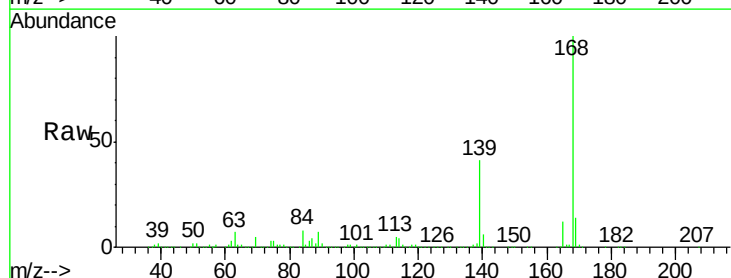


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

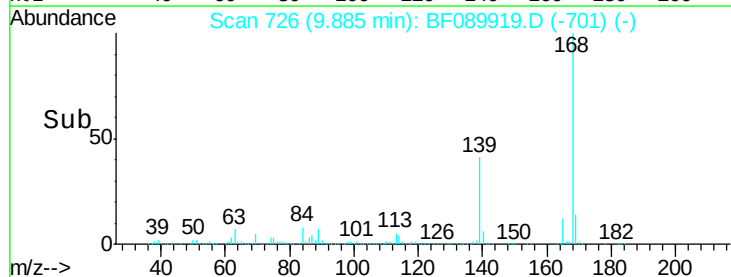
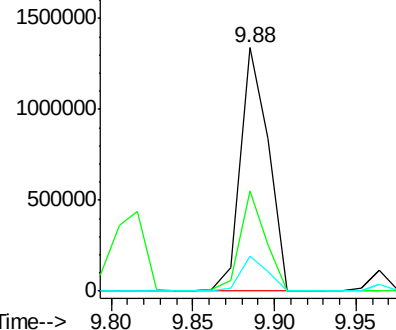


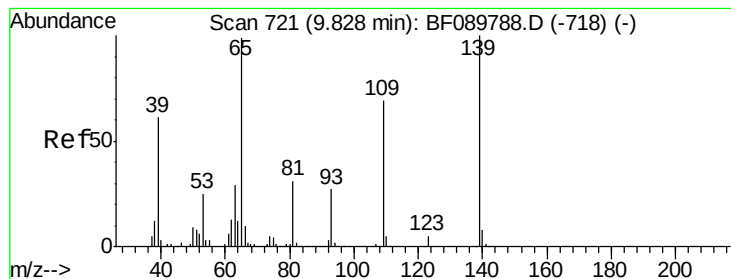
#54
Dibenzofuran
Concen: 35.71 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:168 Resp: 1594632
Ion Ratio Lower Upper
168 100
139 41.1 34.6 52.0
169 14.3 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: 72.65 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

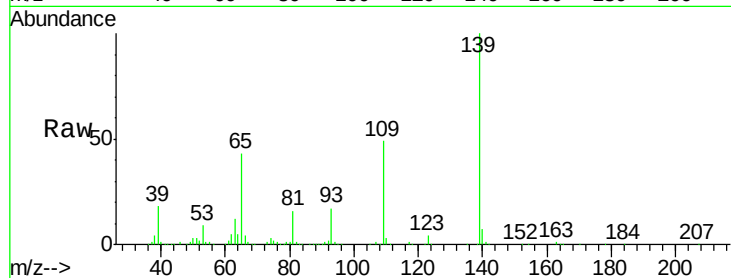
Tot Ion:139 Resp: 624192

Ion Ratio Lower Upper

139 100

109 49.2 43.0 83.0

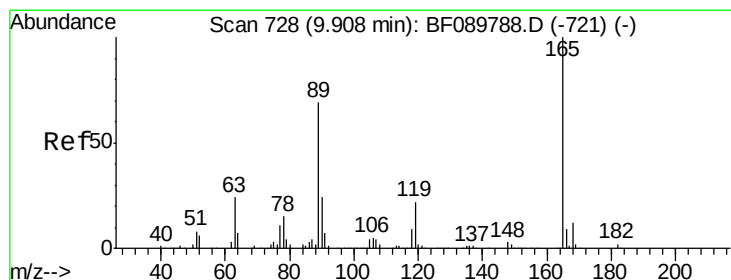
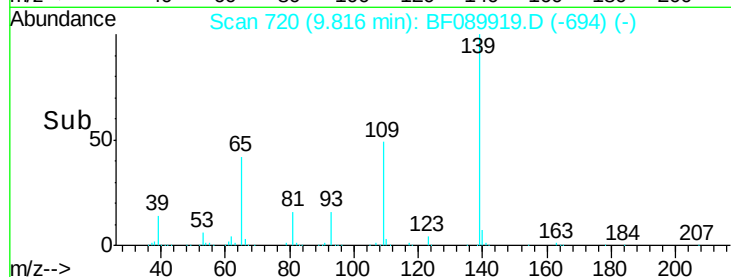
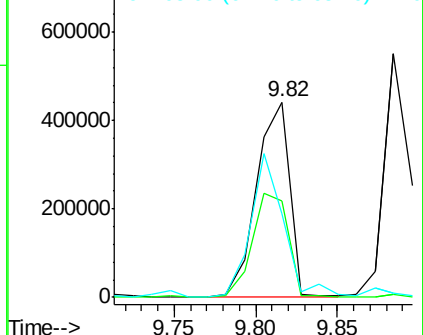
65 42.8 55.7 95.7#



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: 31.14 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion:165 Resp: 383885

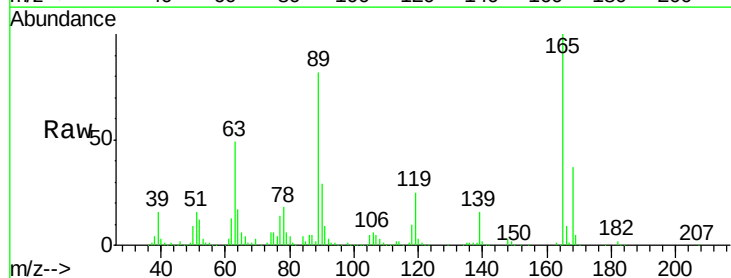
Ion Ratio Lower Upper

165 100

63 48.8 23.7 35.5#

89 82.3 44.0 66.0#

182 1.9 2.0 3.0#

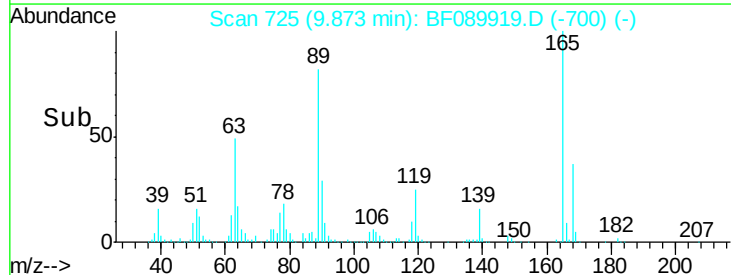
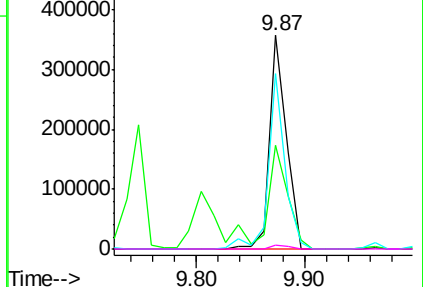


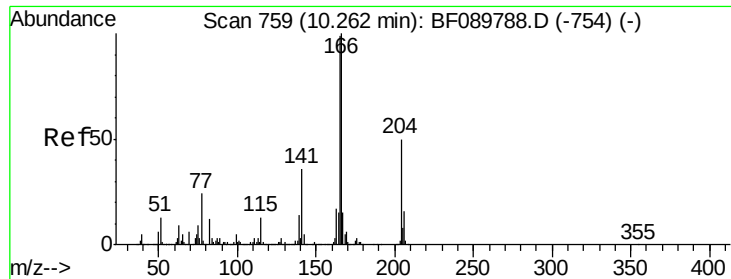
Abundance Ion 165.00 (164.70 to 165.70): E

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

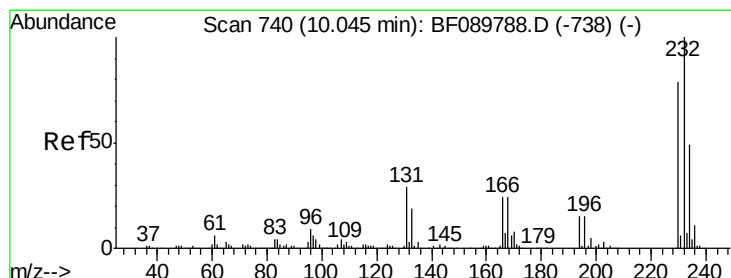
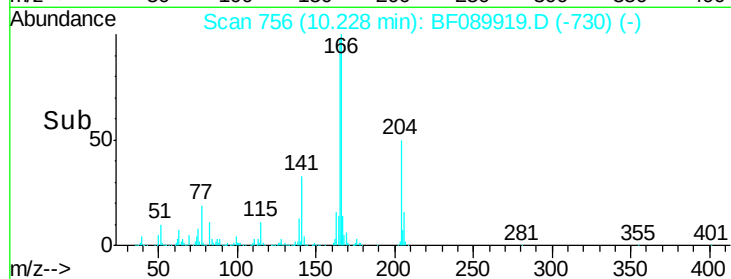
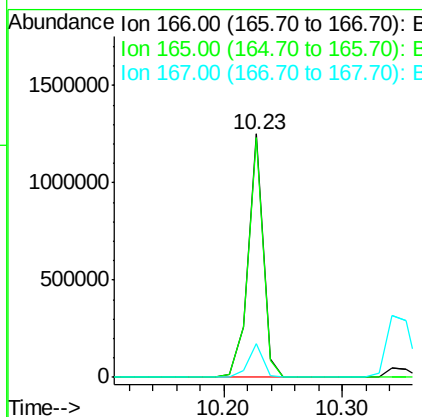
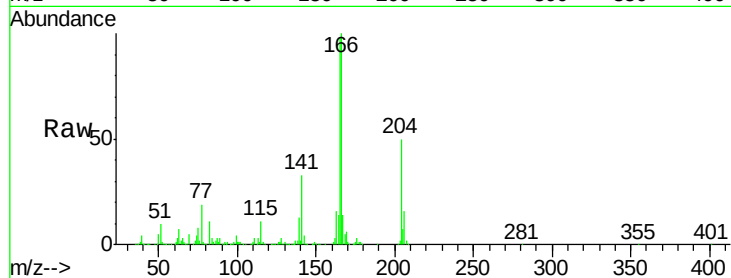




#57
 Fluorene
 Concen: 31.34 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

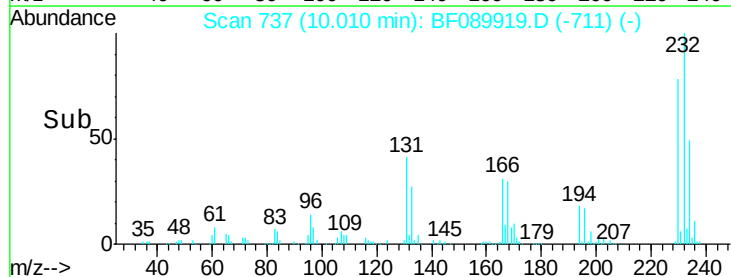
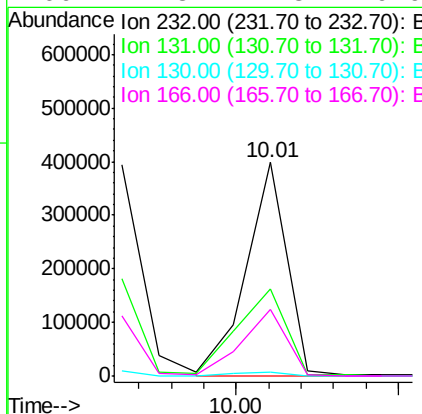
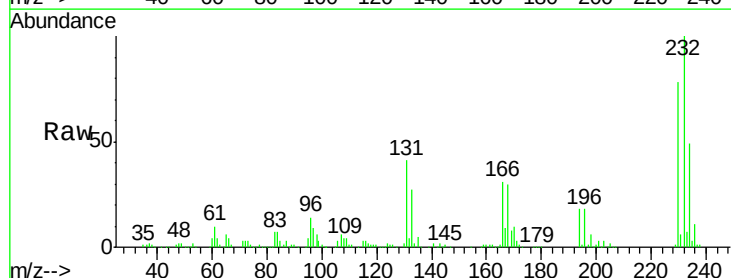
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

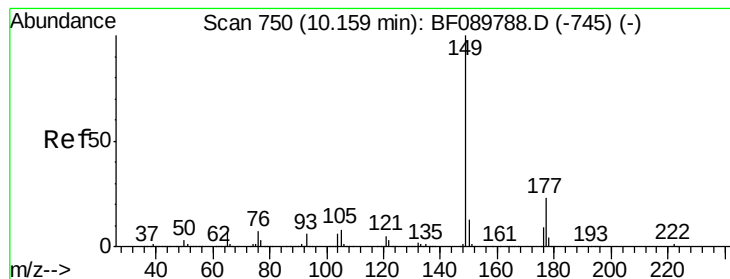
Tot Ion:166 Resp: 1115303
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.2 120.4
 167 14.0 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.49 ng m
 RT: 10.01 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:232 Resp: 349002
 Ion Ratio Lower Upper
 232 100
 131 45.7 42.5 63.7
 130 2.3 2.2 3.4
 166 27.3 27.3 40.9





#59

Diethylphthalate

Concen: 35.57 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

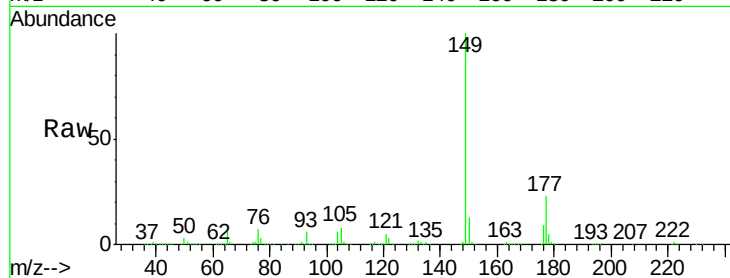
Tot Ion:149 Resp: 1487062

Ion Ratio Lower Upper

149 100

177 22.9 16.6 25.0

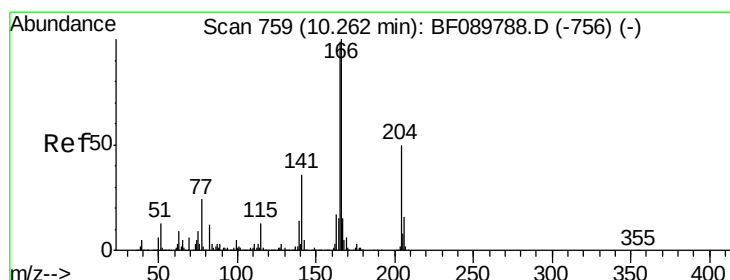
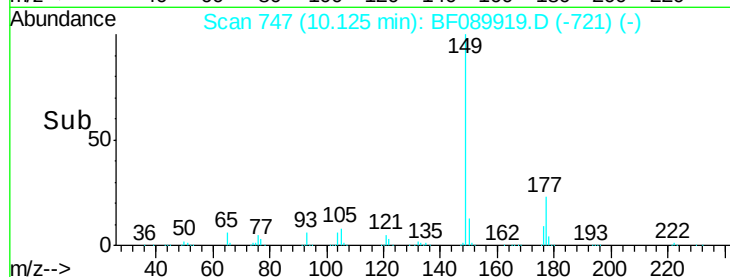
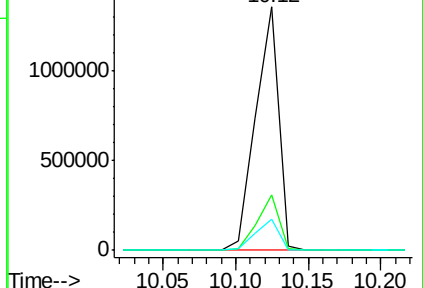
150 12.6 10.5 15.7



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: 32.52 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

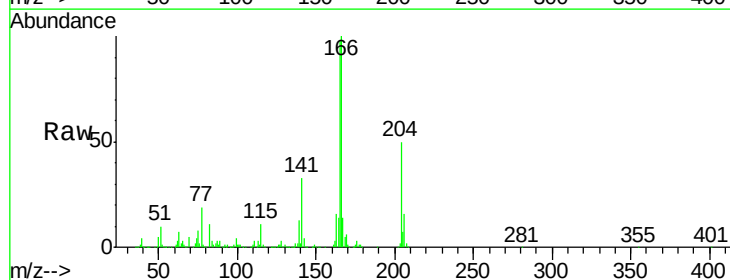
Tgt Ion:204 Resp: 527977

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

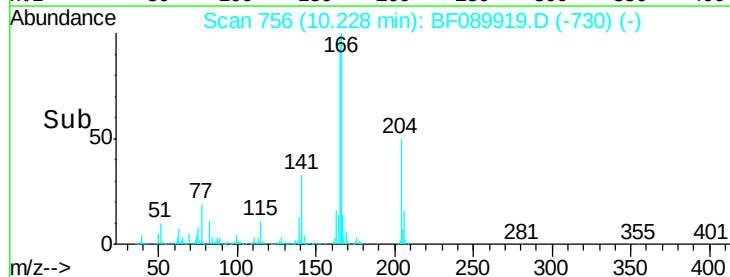
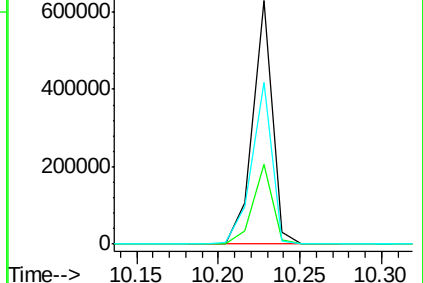
141 66.2 54.1 81.1

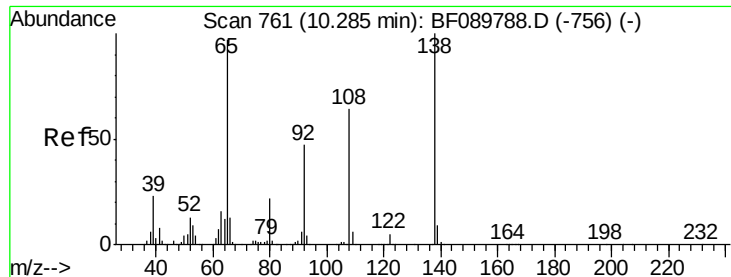


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

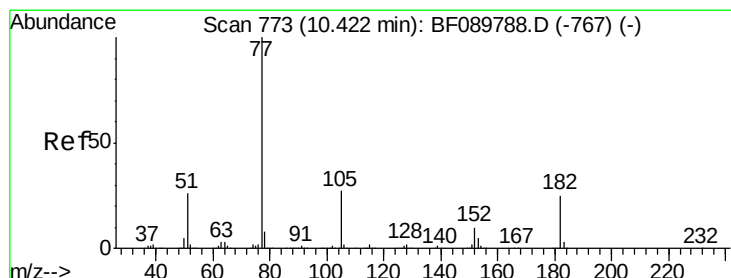
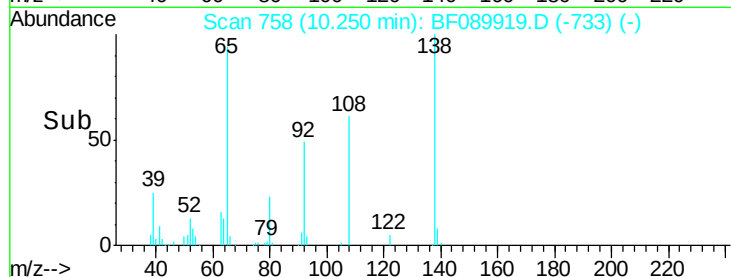
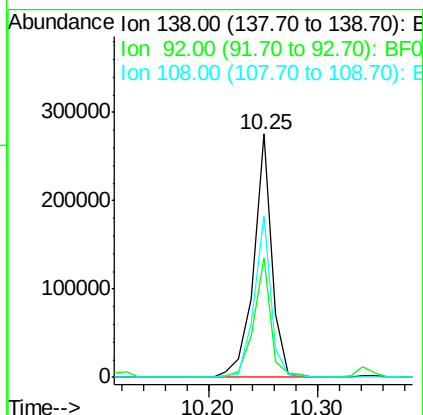
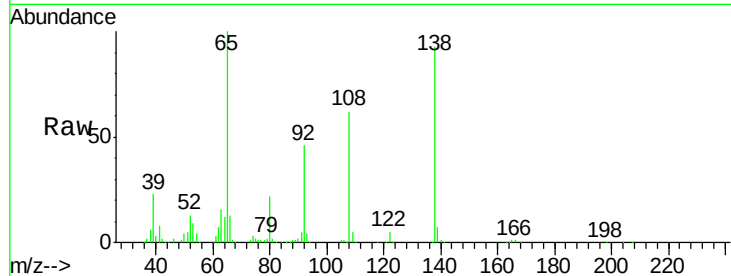




#61
4-Nitroaniline
Concen: 32.70 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

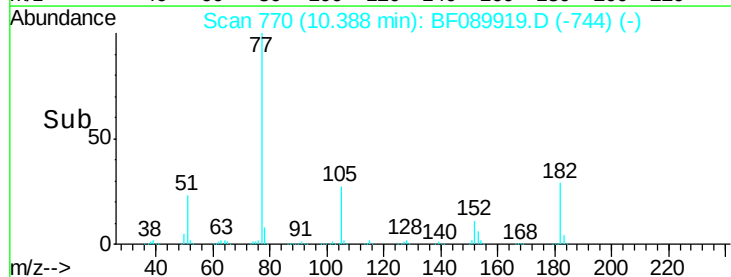
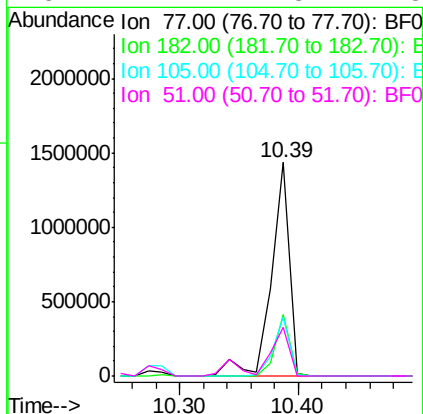
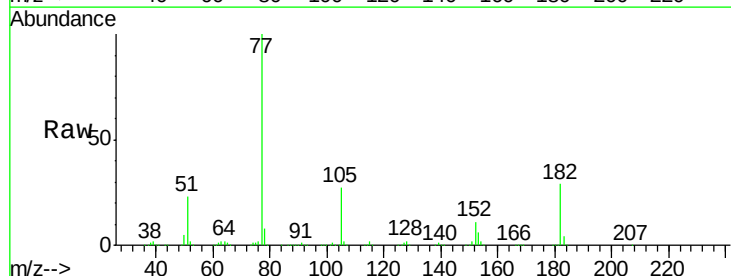
Instrument :
BNA_F
ClientSampleId :
PB93109BS

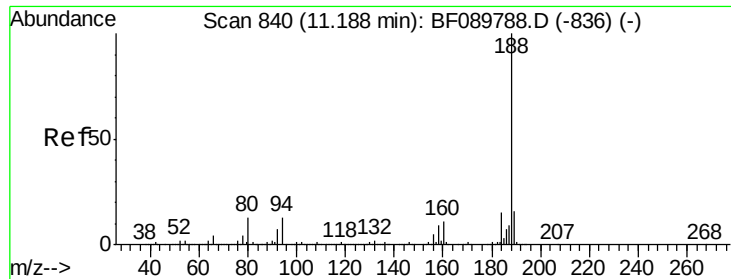
Tot Ion:138 Resp: 322644
Ion Ratio Lower Upper
138 100
92 49.3 26.4 66.4
108 66.4 47.0 87.0



#62
Azobenzene
Concen: 39.07 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 77 Resp: 1535548
Ion Ratio Lower Upper
77 100
182 28.8 5.6 45.6
105 27.3 4.0 44.0
51 22.7 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

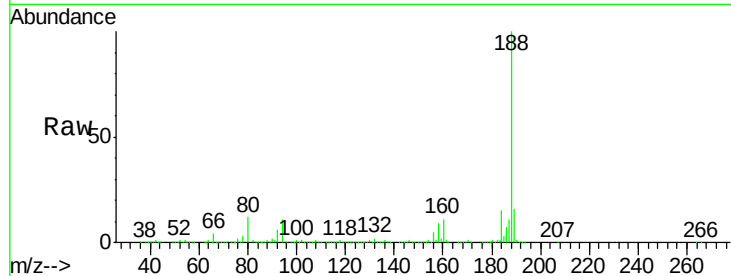
Tot Ion:188 Resp: 1053165

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

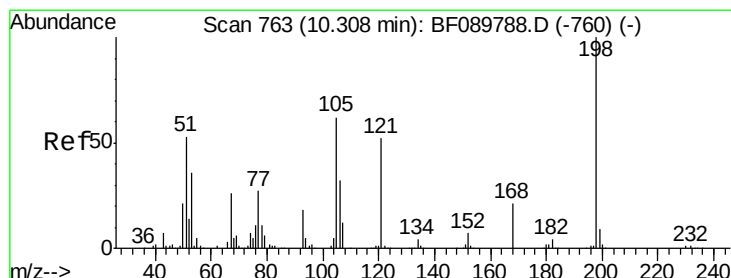
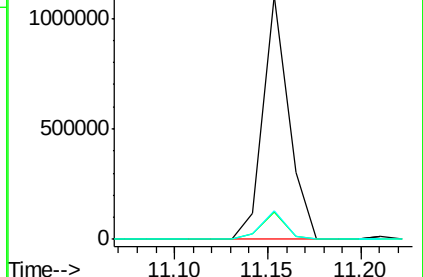
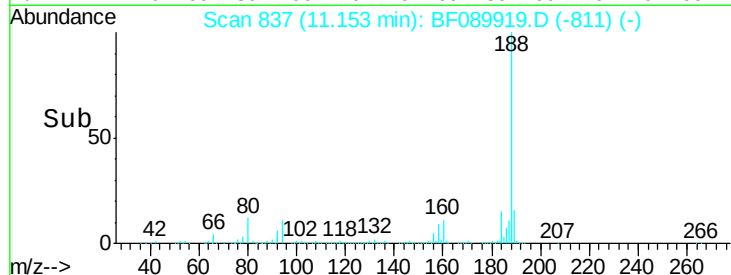
80 11.9 10.9 16.3



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: 39.11 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

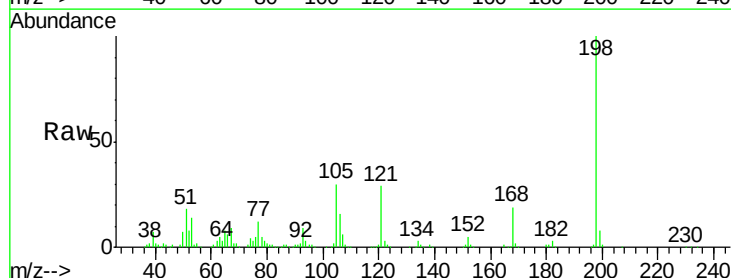
Tgt Ion:198 Resp: 236678

Ion Ratio Lower Upper

198 100

51 18.1 32.3 72.3#

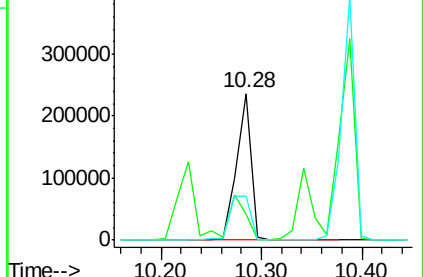
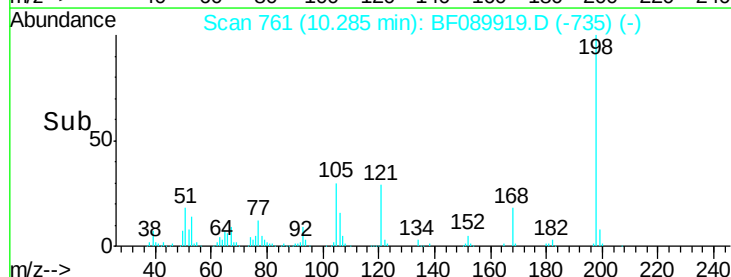
105 29.9 32.9 72.9#

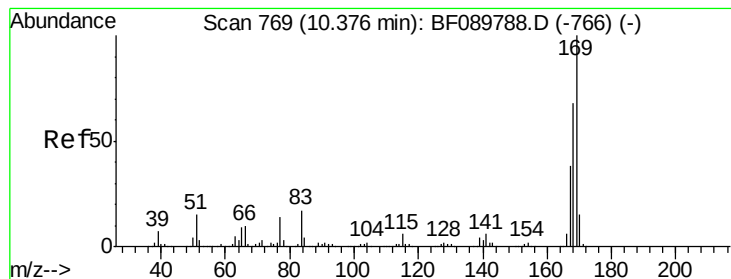


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

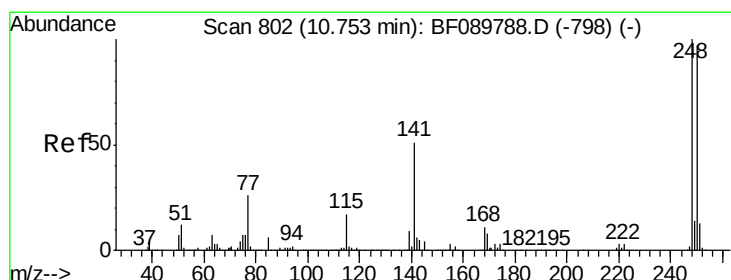
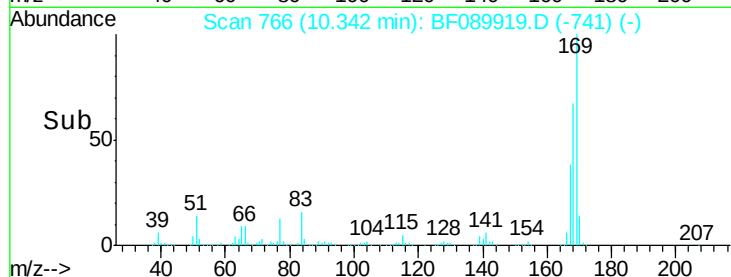
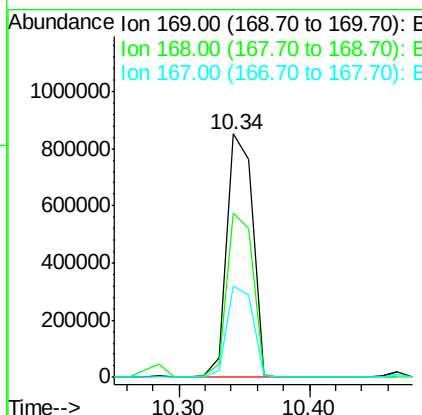
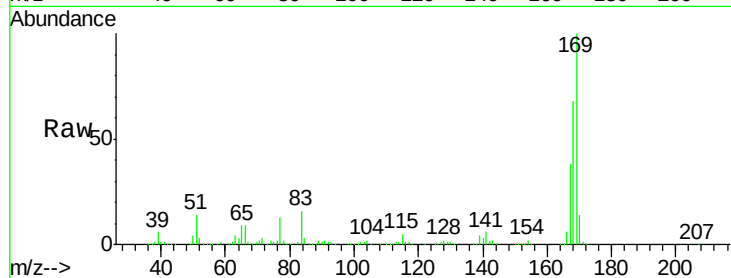




#65
 n-Nitrosodiphenylamine
 Concen: 35.09 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

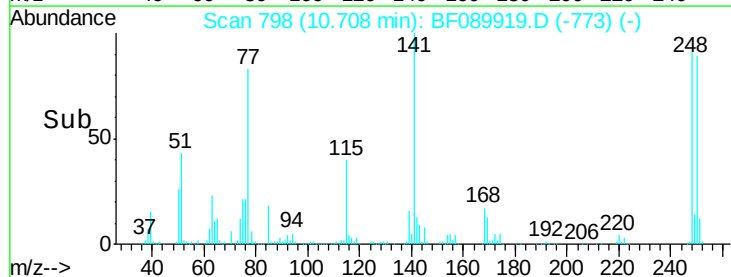
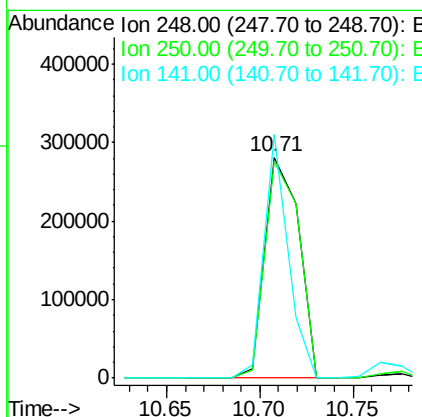
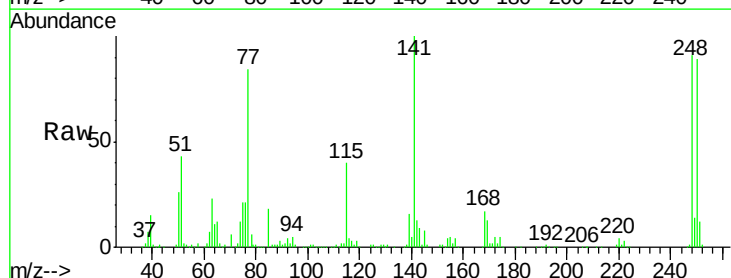
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

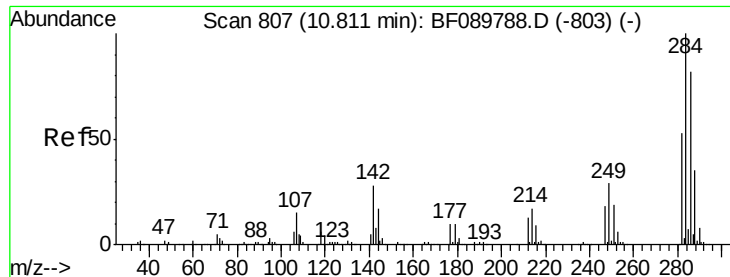
Tot Ion:169 Resp: 1162041
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.6 82.0
 167 37.5 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 32.12 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:248 Resp: 354698
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.6 117.8
 141 110.4 31.4 47.2#

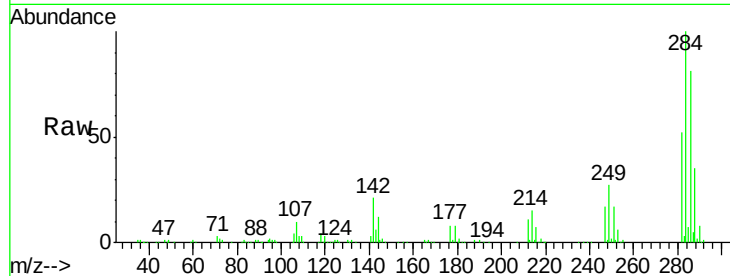




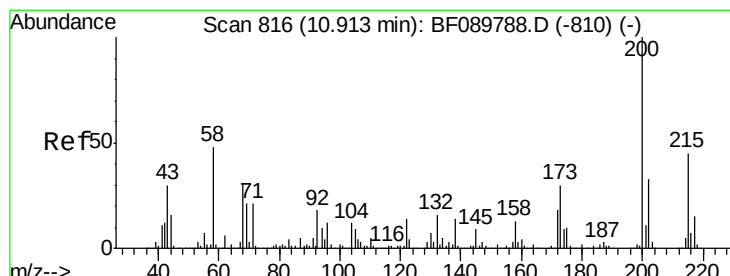
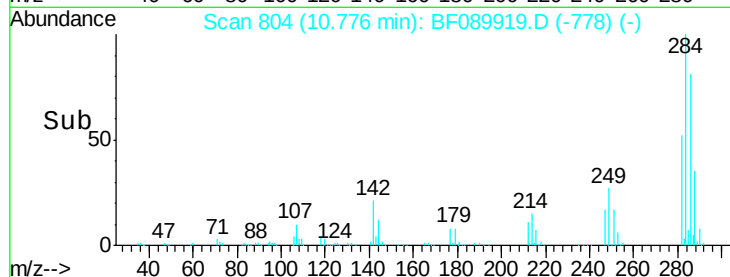
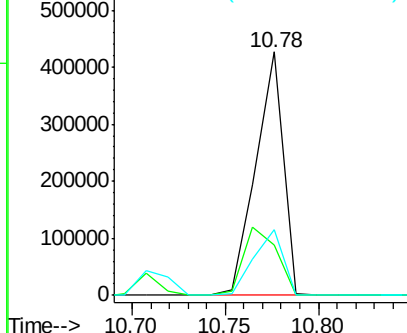
#67
Hexachlorobenzene
Concen: 34.44 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampled :
PB93109BS

Tot Ion:284 Resp: 433783
Ion Ratio Lower Upper
284 100
142 20.9 17.4 26.2
249 27.2 22.8 34.2

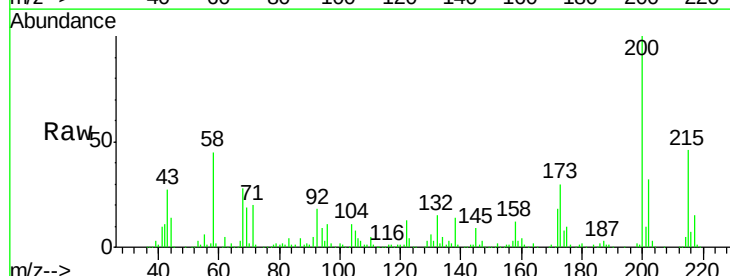


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

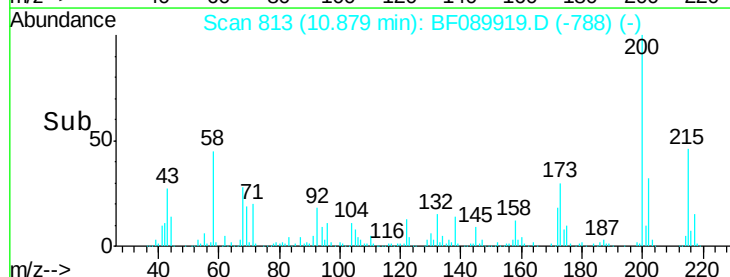
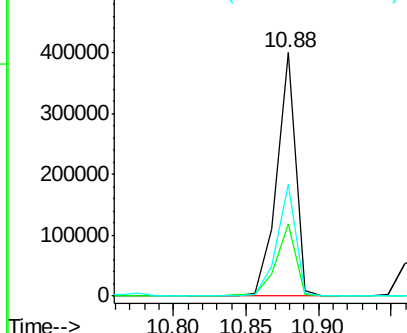


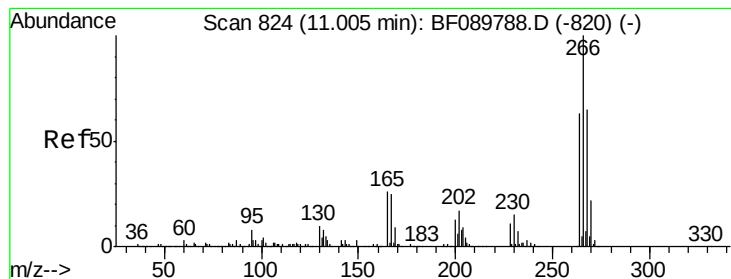
#68
Atrazine
Concen: 35.72 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:200 Resp: 362246
Ion Ratio Lower Upper
200 100
173 29.9 6.6 46.6
215 45.7 24.7 64.7



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





#69

Pentachlorophenol

Concen: 68.80 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

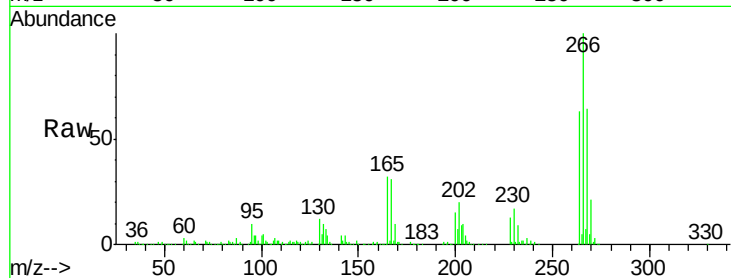
Tot Ion:266 Resp: 491242

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

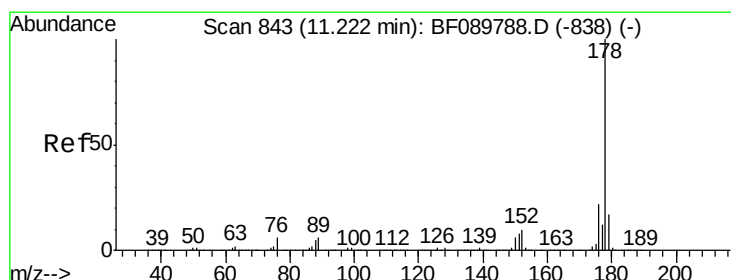
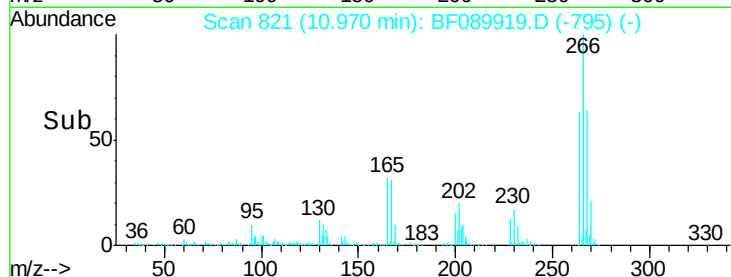
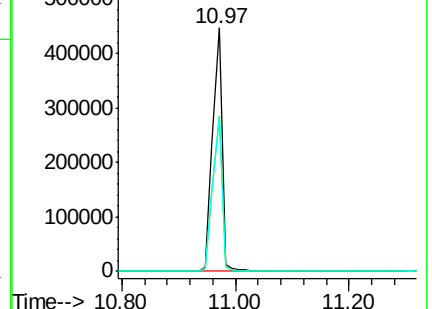
264 63.2 51.1 76.7



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: 33.94 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

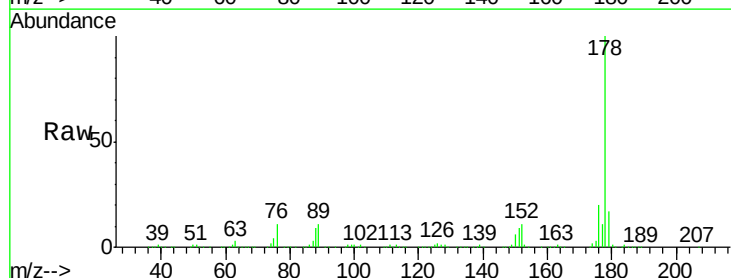
Tgt Ion:178 Resp: 1805576

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

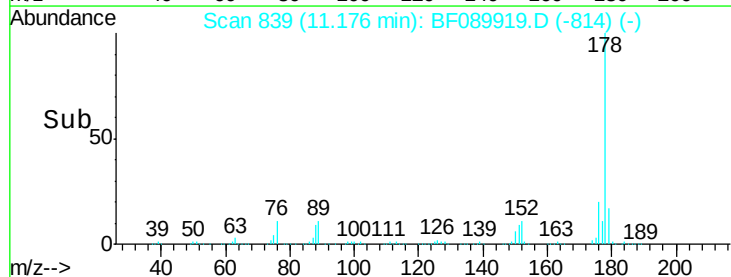
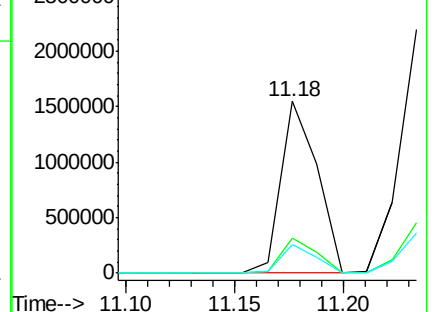
179 16.6 12.5 18.7

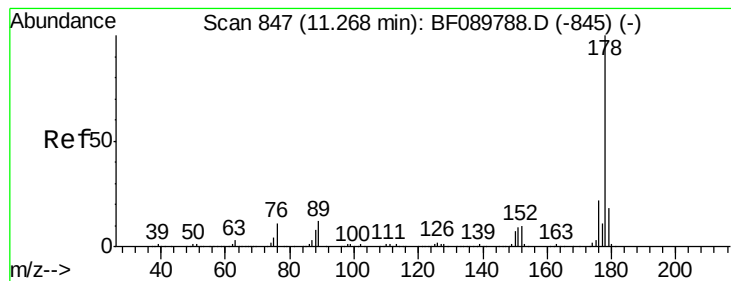


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.03 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

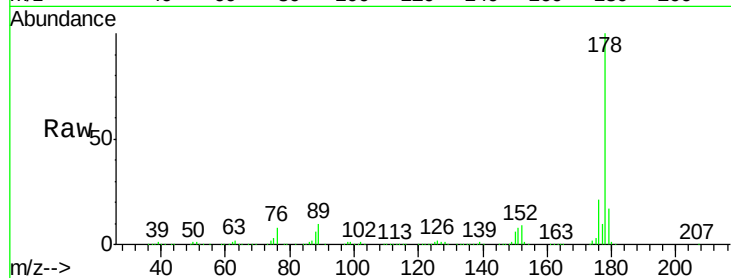
Tot Ion:178 Resp: 2002055

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

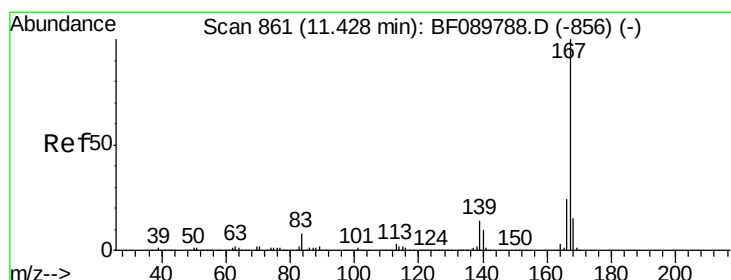
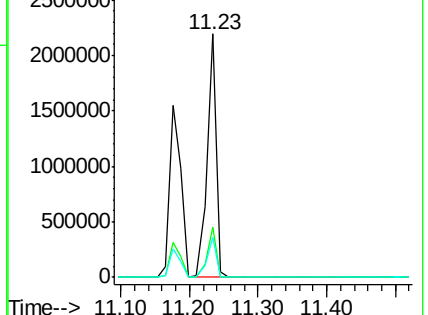
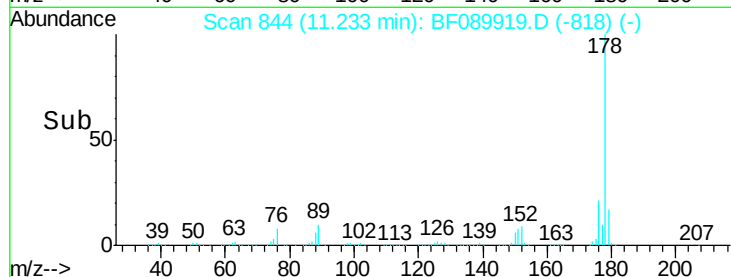
179 16.7 13.1 19.7



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: 36.85 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

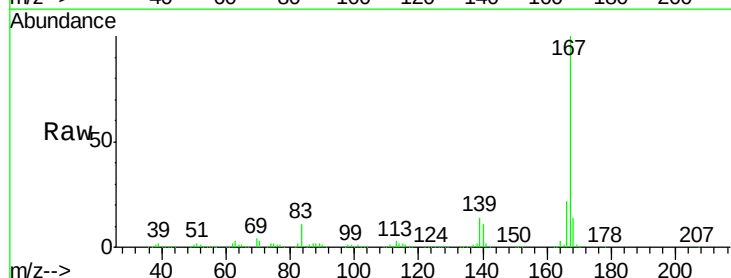
Tgt Ion:167 Resp: 1786952

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

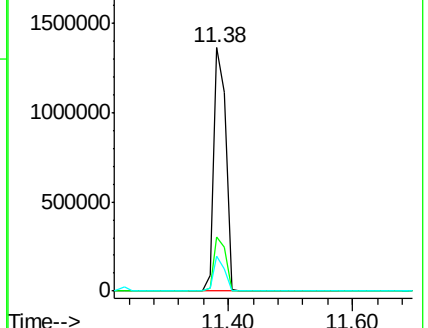
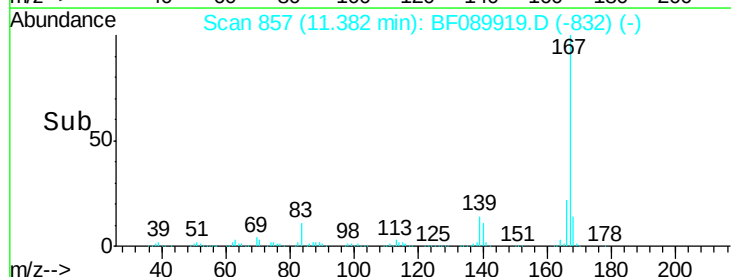
139 14.4 12.4 18.6

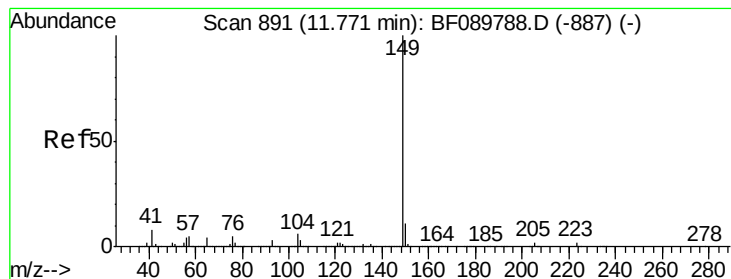


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.22 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

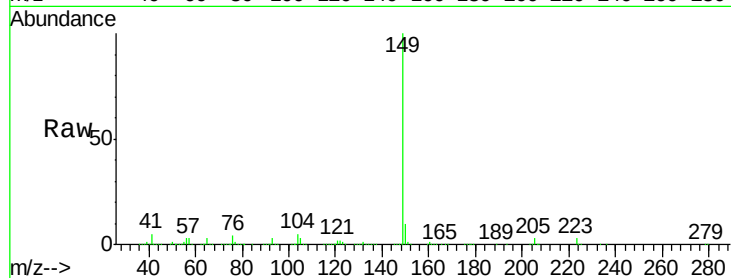
Tot Ion:149 Resp: 2197925

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

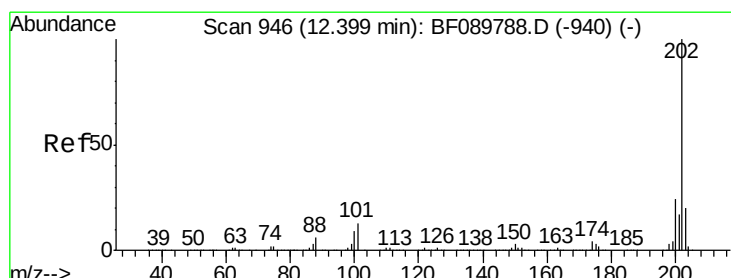
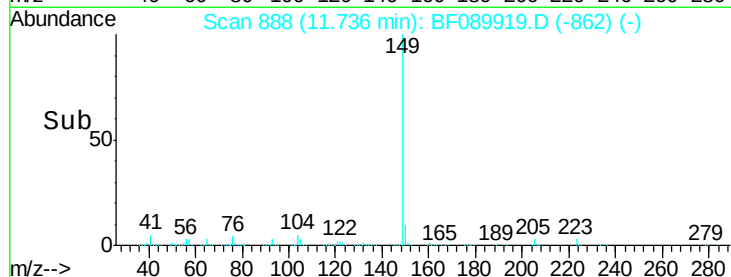
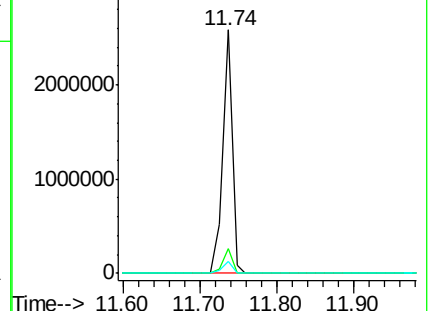
104 4.7 4.3 6.5



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: 34.74 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

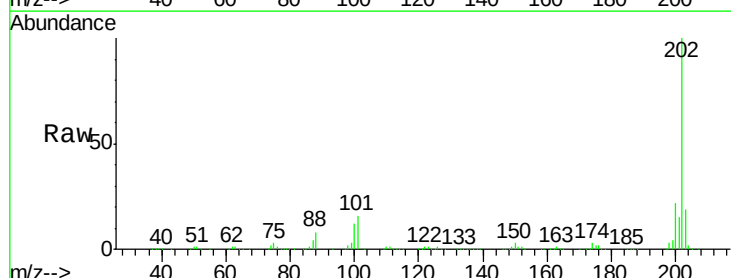
Tgt Ion:202 Resp: 1757741

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.2

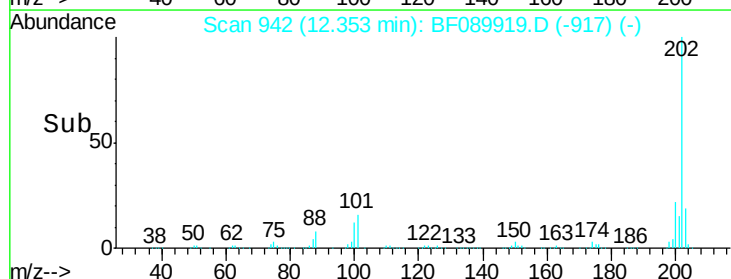
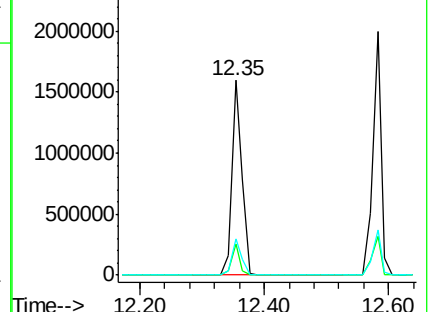
203 18.6 0.0 38.1

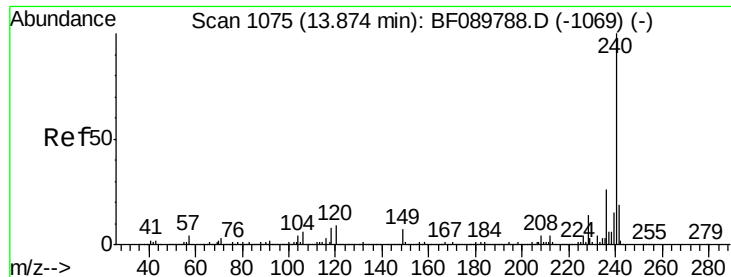


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

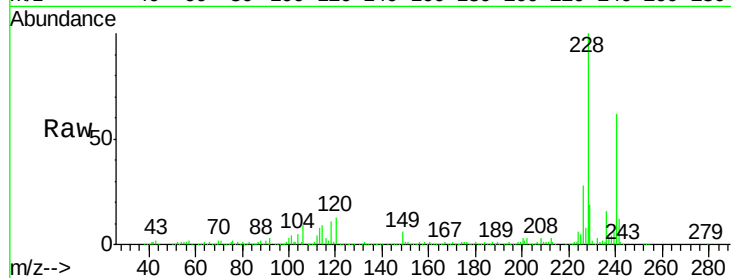
Tot Ion:240 Resp: 727066

Ion Ratio Lower Upper

240 100

120 20.4 8.3 12.5#

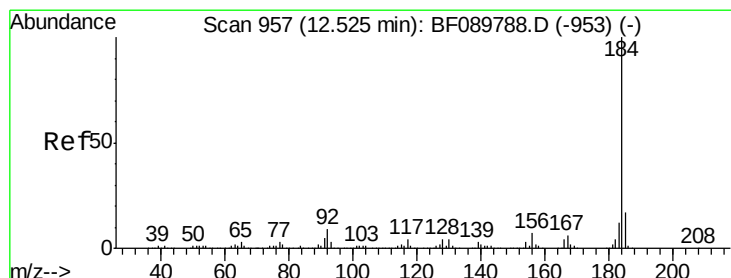
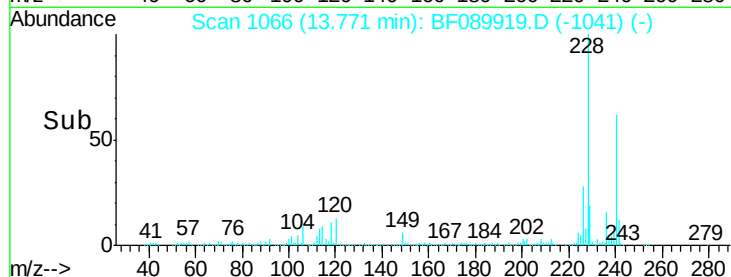
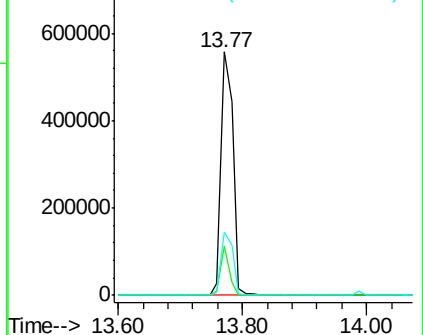
236 26.1 21.3 31.9



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: 28.05 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

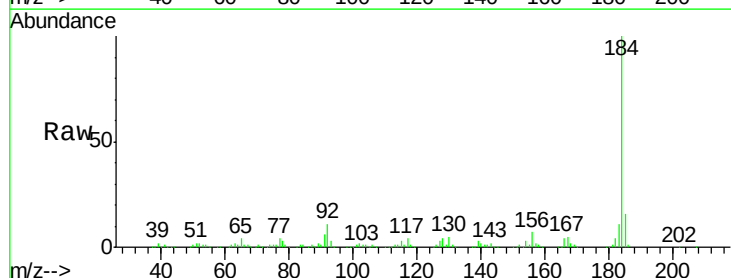
Tgt Ion:184 Resp: 659999

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

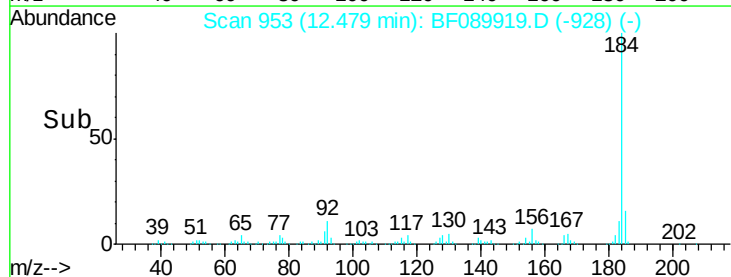
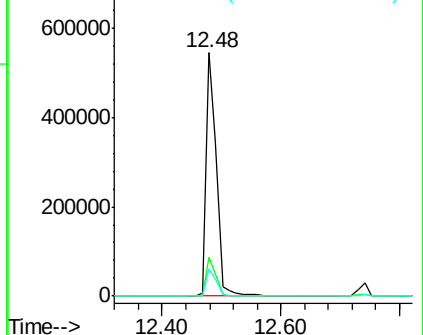
183 11.2 9.7 14.5

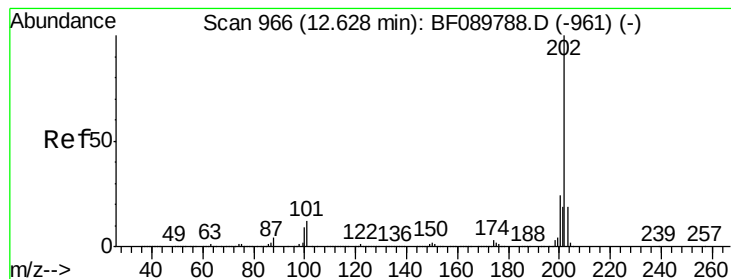


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.87 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

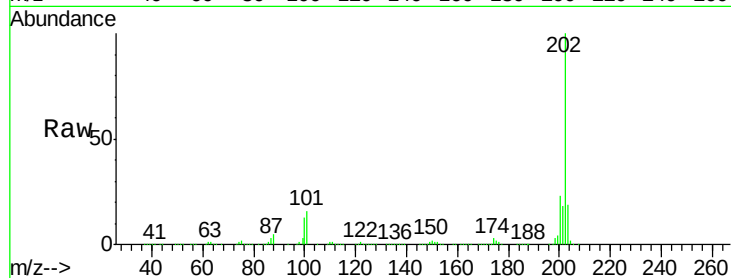
Tot Ion:202 Resp: 1827921

Ion Ratio Lower Upper

202 100

200 23.3 17.8 26.6

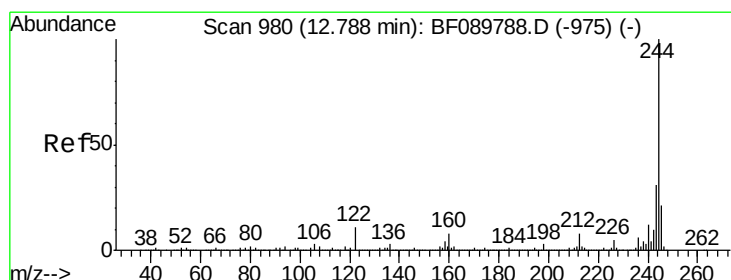
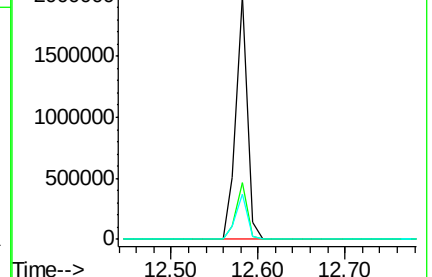
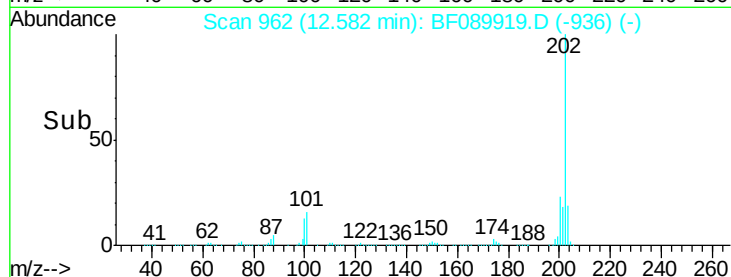
203 18.8 14.2 21.4



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: 62.64 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

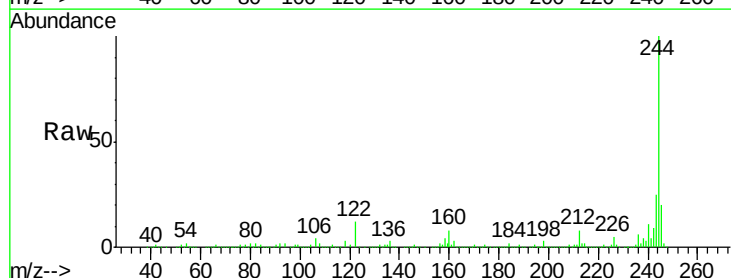
Tgt Ion:244 Resp: 2013156

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

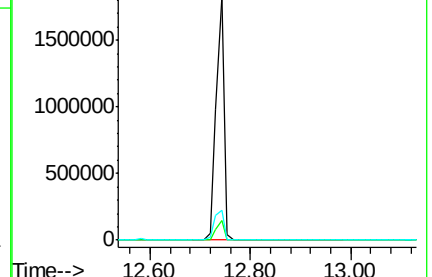
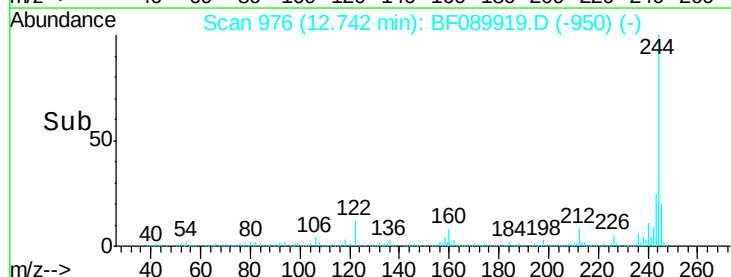
122 12.5 12.0 18.0

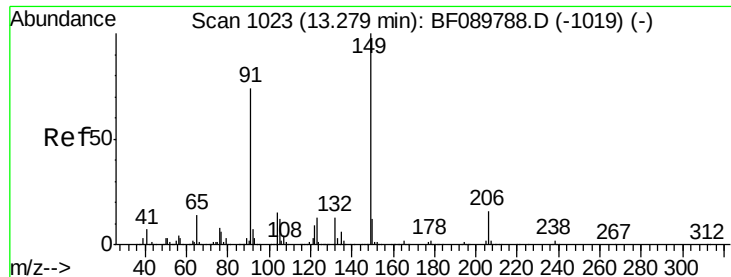


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

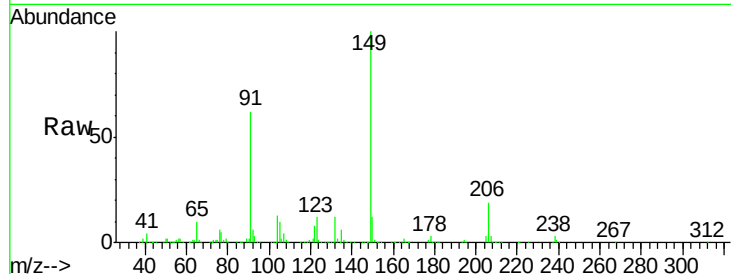




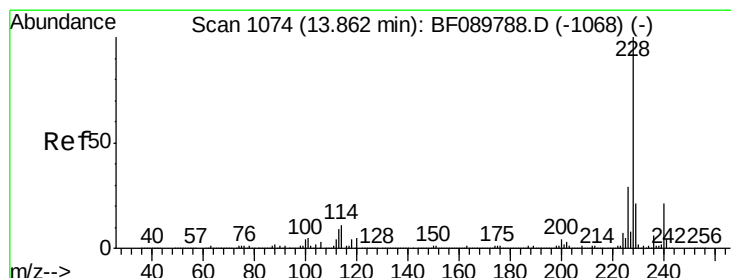
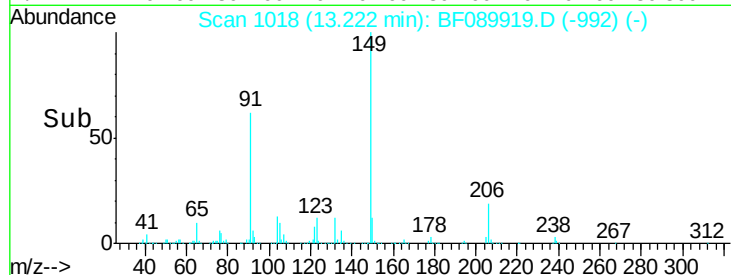
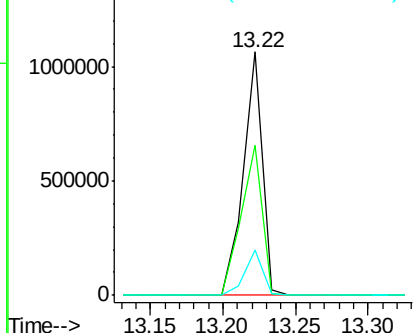
#79
Butylbenzylphthalate
Concen: 36.36 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:149 Resp: 972364
Ion Ratio Lower Upper
149 100
91 61.6 50.7 76.1
206 18.7 15.5 23.3

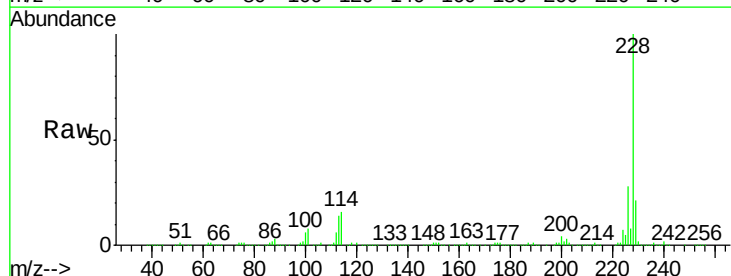


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

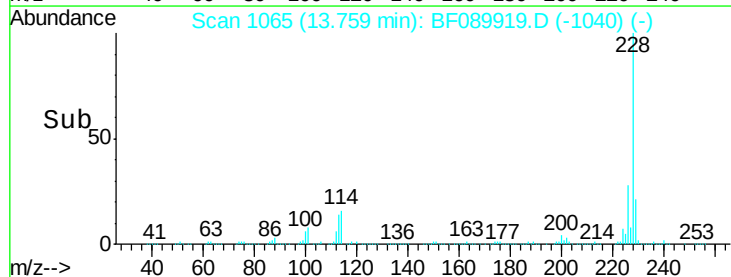
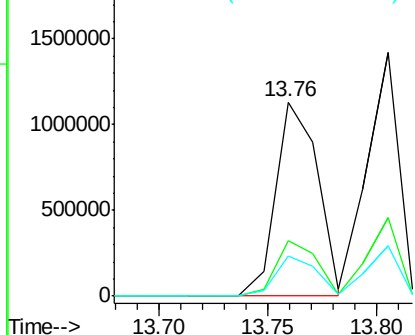


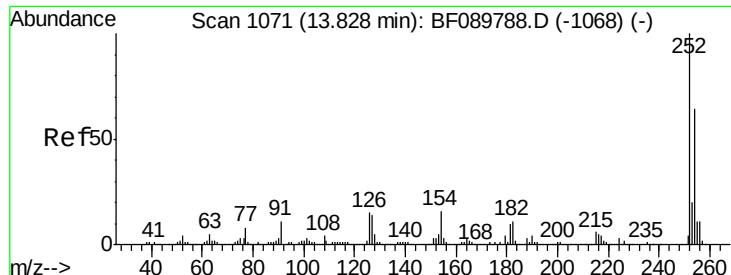
#80
Benzo(a)anthracene
Concen: 36.46 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:228 Resp: 1517960
Ion Ratio Lower Upper
228 100
226 28.3 23.2 34.8
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

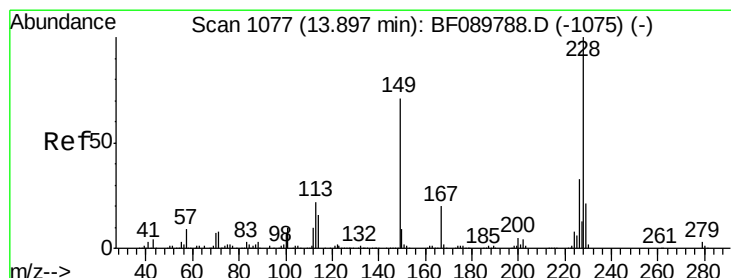
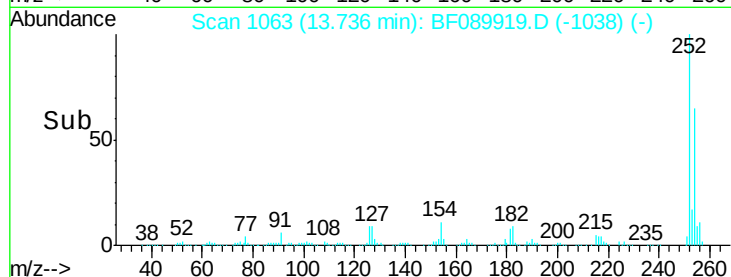
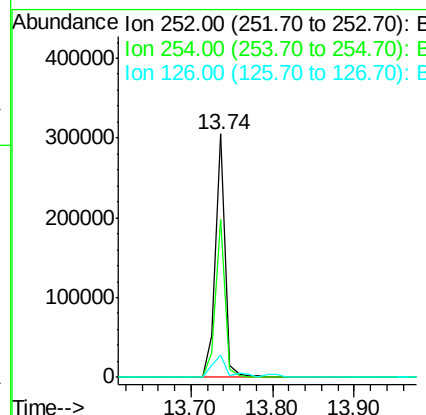
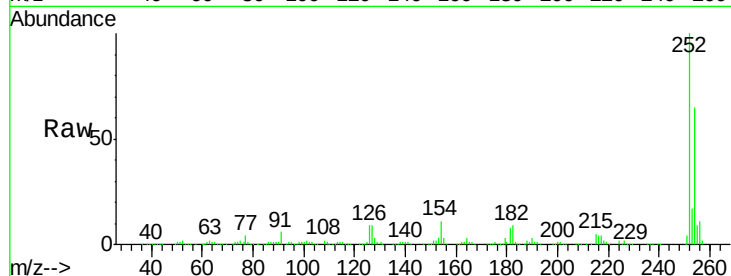




#81
 3,3'-Dichlorobenzidine
 Concen: 19.23 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

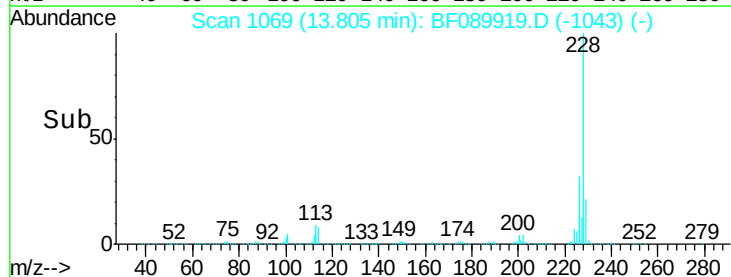
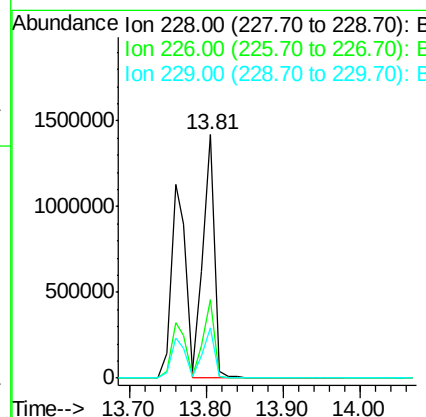
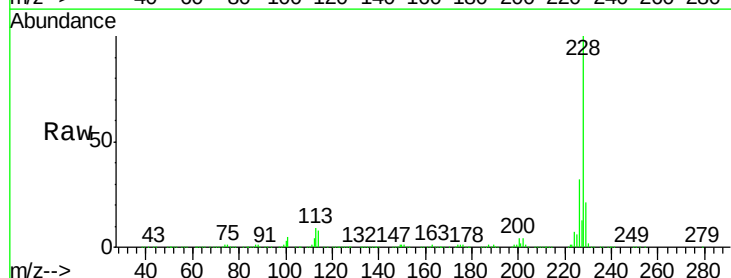
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

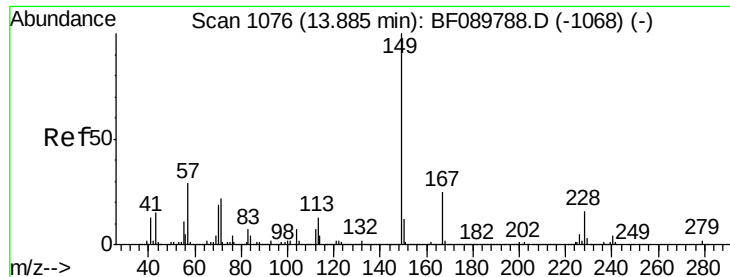
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	75.8
126	9.0	12.6	18.8#



#82
 Chrysene
 Concen: 40.70 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.6	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.69 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

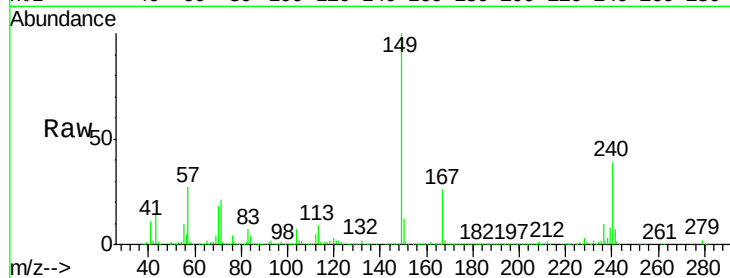
Tot Ion:149 Resp: 1204240

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

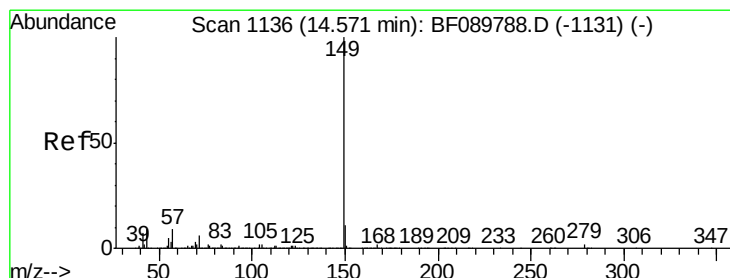
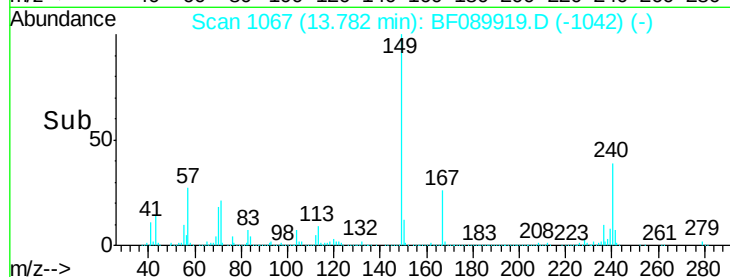
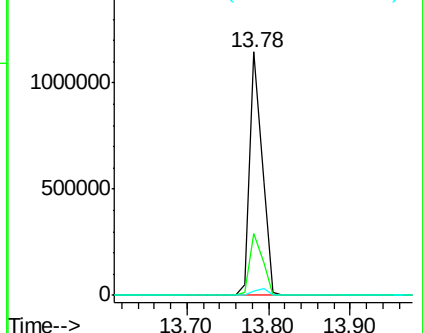
279 1.9 2.9 4.3#



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: 41.10 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

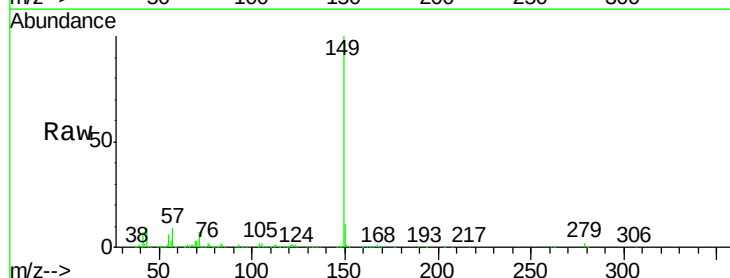
Tgt Ion:149 Resp: 2011509

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

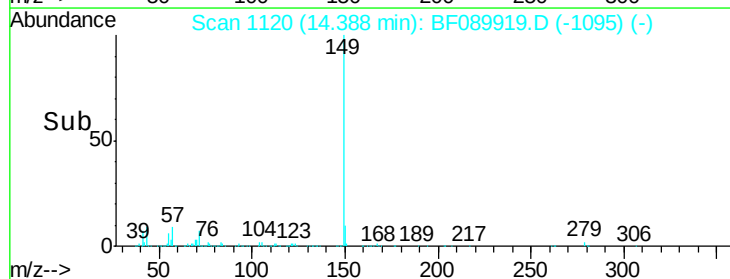
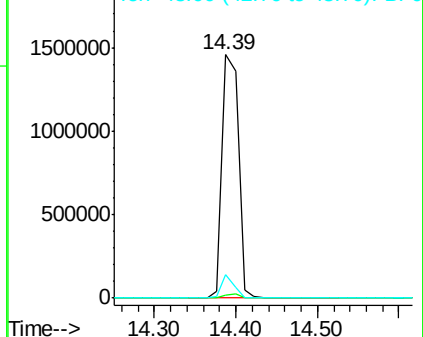
43 7.2 8.4 12.6#

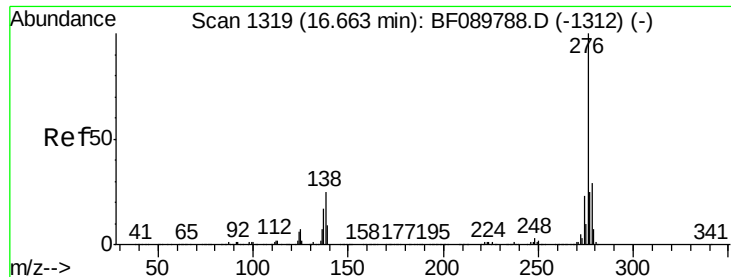


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

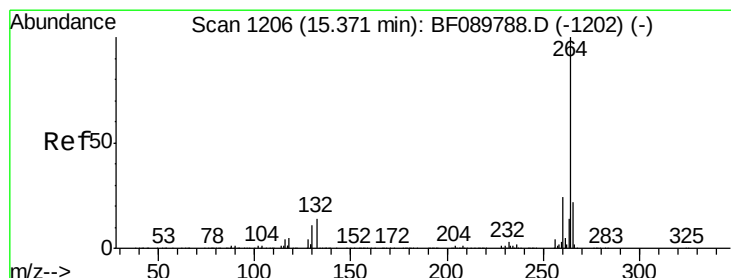
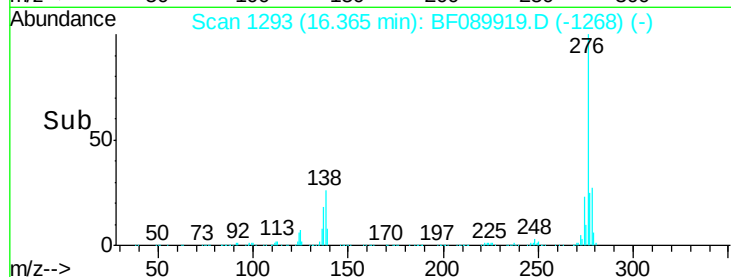
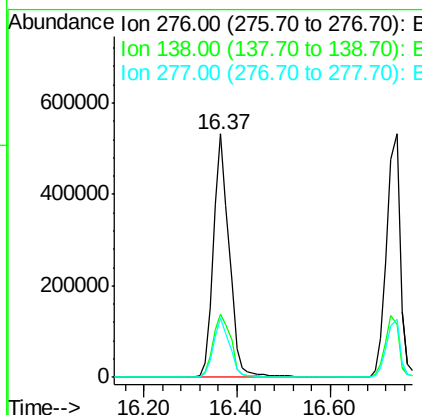
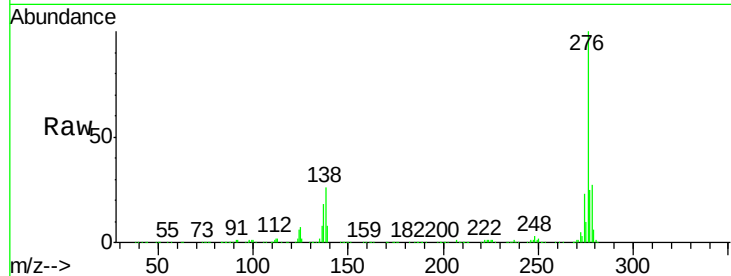




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.54 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

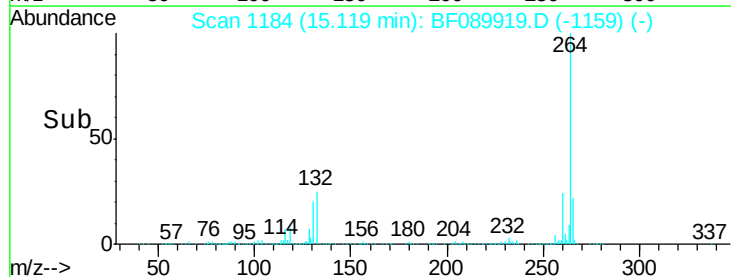
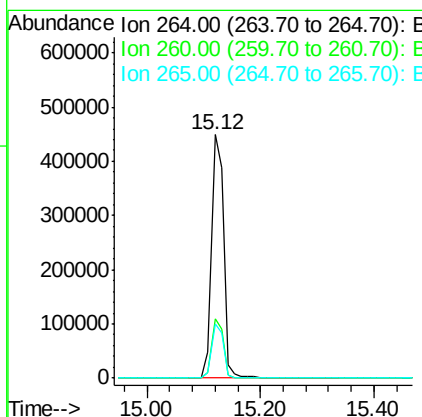
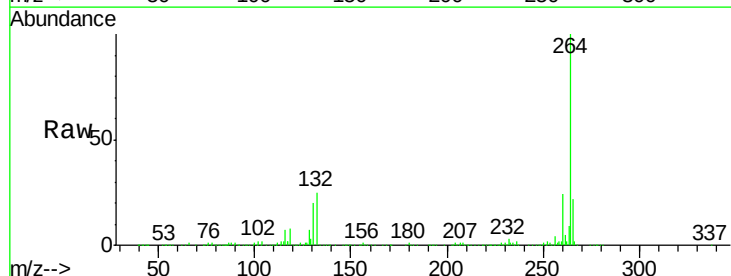
Instrument :
BNA_F
ClientSampleId :
PB93109BS

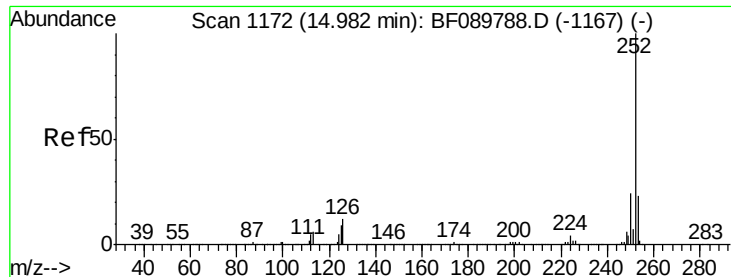
Tot Ion:276 Resp: 1254321
Ion Ratio Lower Upper
276 100
138 29.6 24.6 36.8
277 25.2 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:264 Resp: 641600
Ion Ratio Lower Upper
264 100
260 24.3 20.2 30.2
265 22.3 17.4 26.2

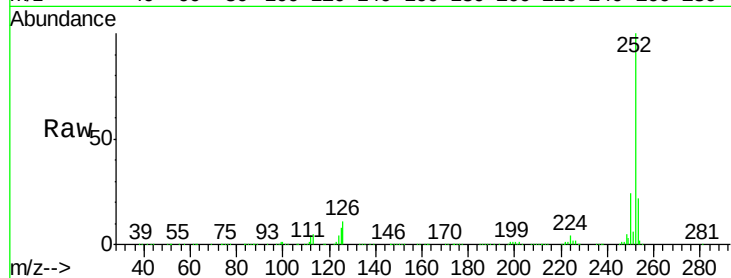




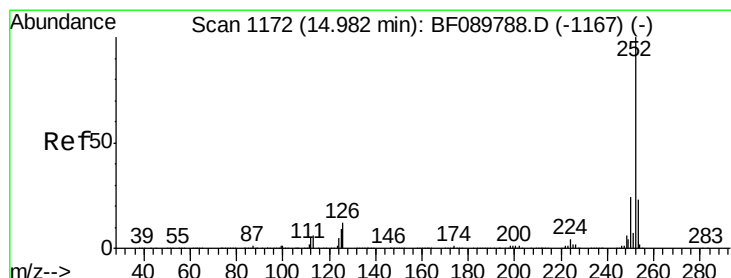
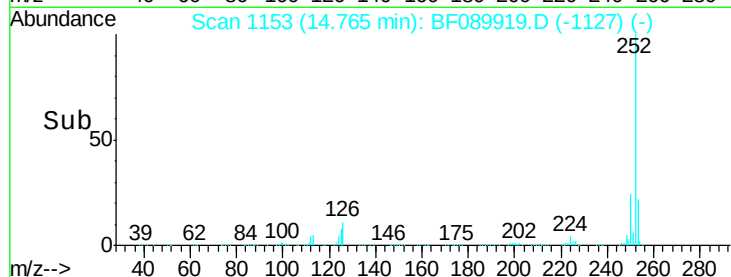
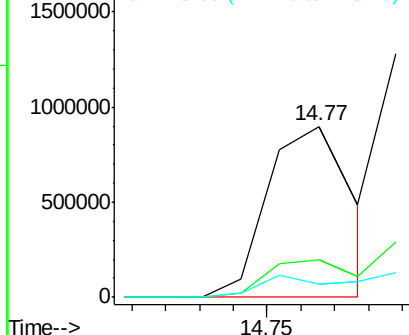
#87
Benzo(b)fluoranthene
Concen: 43.90 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tot Ion:252 Resp: 1549460
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.9 11.4 17.2#

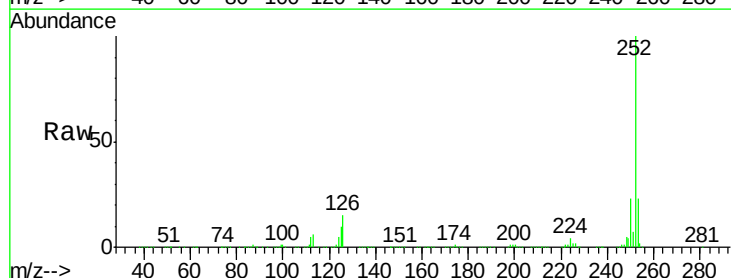


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

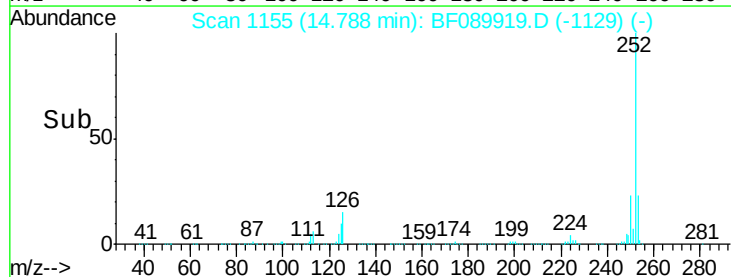
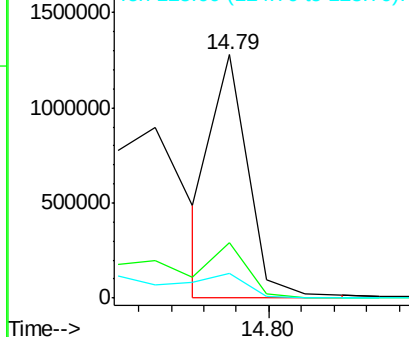


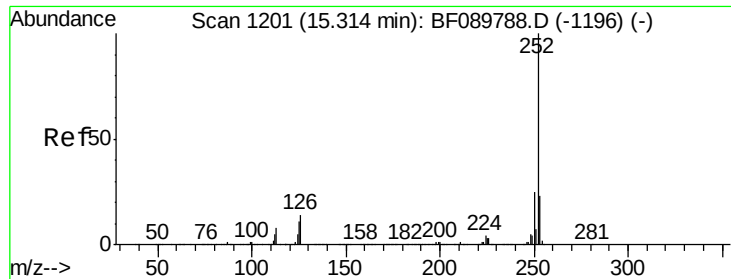
#88
Benzo(k)fluoranthene
Concen: 30.29 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:252 Resp: 969919
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 10.2 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: 35.08 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

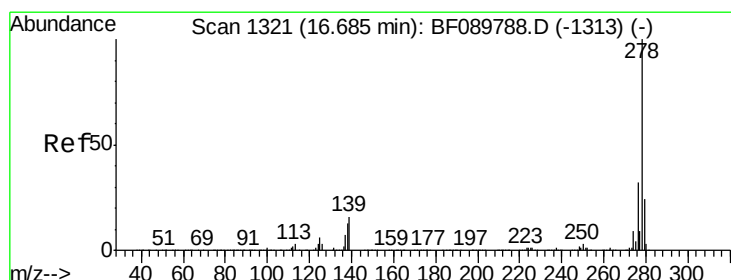
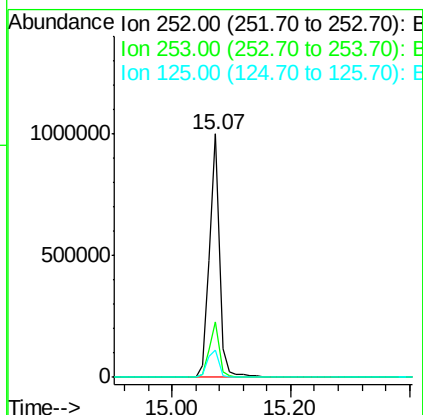
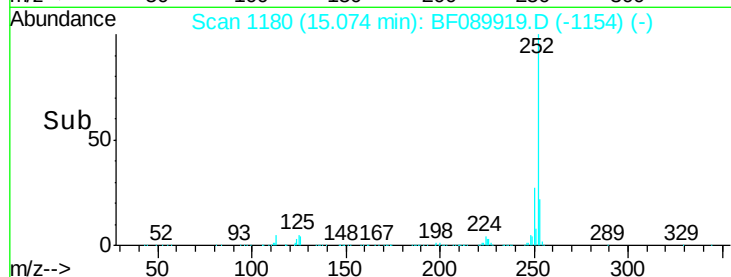
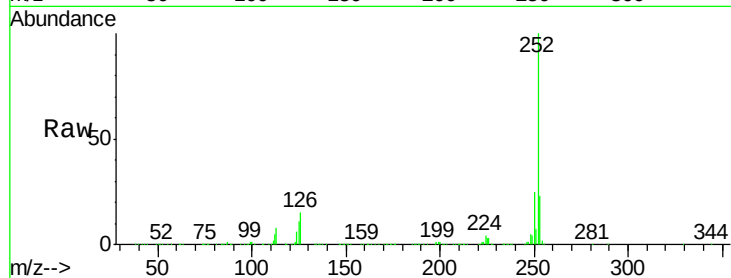
Tot Ion:252 Resp: 1171869

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 11.3 11.7 17.5#



#90

Dibenzo(a,h)anthracene

Concen: 29.04 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

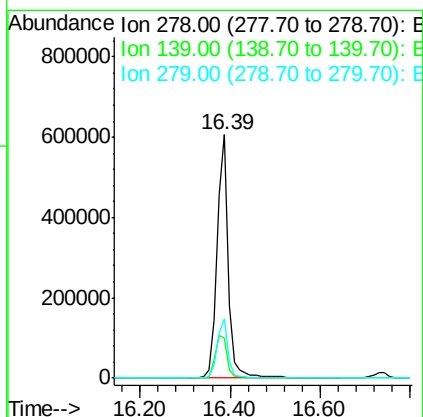
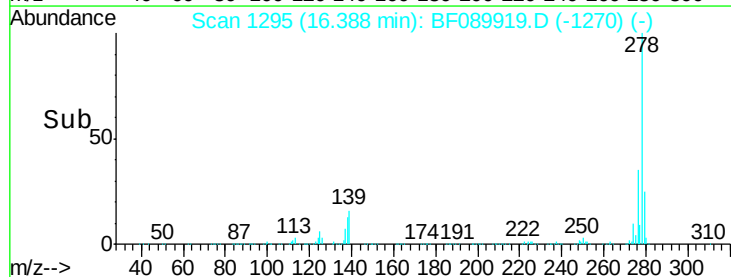
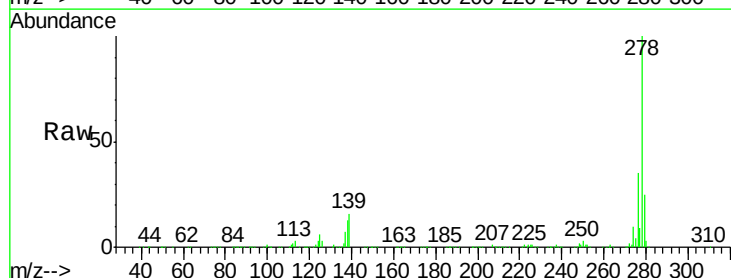
Tgt Ion:278 Resp: 1053139

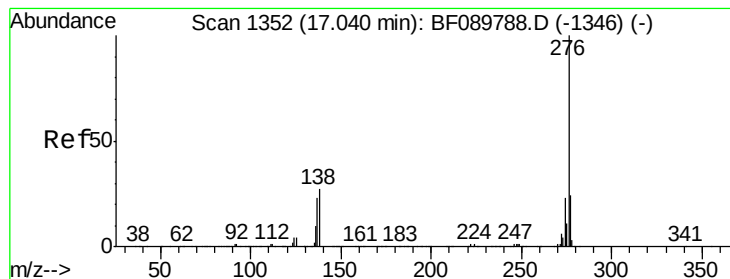
Ion Ratio Lower Upper

278 100

139 16.5 14.9 22.3

279 24.5 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 28.32 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

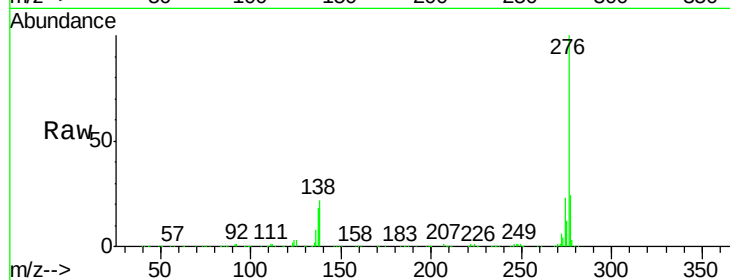
Tot Ion:276 Resp: 1081322

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 21.8 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

