

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089787.D
 Acq On : 19 Aug 2016 10:48
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 11:57:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	597750	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2295311	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	1090743	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1907399	20.00	ng	0.00
75) Chrysene-d12	13.90	240	1235117	20.00	ng	0.02
86) Perylene-d12	15.43	264	1043488	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1903950	53.14	ng	0.00
7) Phenol-d6	6.32	99	2206737	48.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	2048893	54.51	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	595780	56.46	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3653418	53.75	ng	0.00
78) Terphenyl-d14	12.79	244	2770204	67.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	442635	23.93	ng	92
3) Pyridine	2.80	79	1200107	25.18	ng	96
4) n-Nitrosodimethylamine	2.75	42	434712	22.72	ng	83
6) Aniline	6.34	93	1476698	24.11	ng	97
8) 2-Chlorophenol	6.47	128	1115658	26.18	ng	83
9) Benzaldehyde	6.23	77	766672	25.38	ng	81
10) Phenol	6.33	94	1341487	23.65	ng	90
11) bis(2-Chloroethyl)ether	6.42	93	905510	21.55	ng	95
12) 1,3-Dichlorobenzene	6.86	146	1147926	25.20	ng	97
13) 1,4-Dichlorobenzene	6.71	146	1172459	25.41	ng	93
14) 1,2-Dichlorobenzene	6.86	146	1148705	26.11	ng	96
15) Benzyl Alcohol	6.83	79	838006	27.52	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1333497	24.19	ng	96
17) 2-Methylphenol	6.95	107	840945	24.84	ng	97
18) Hexachloroethane	7.20	117	416475	24.63	ng	# 86
19) n-Nitroso-di-n-propylamine	7.11	70	670389	22.46	ng	91
20) 3+4-Methylphenols	7.11	107	1128204	26.02	ng	# 61
22) Acetophenone	7.10	105	1331077	24.95	ng	94
24) Nitrobenzene	7.27	77	1010299	23.89	ng	98
25) Isophorone	7.51	82	1889508	25.12	ng	99
26) 2-Nitrophenol	7.59	139	576470	28.97	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	1028484	27.27	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	1210197	26.48	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	877275	27.94	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	924227	27.42	ng	# 94
31) Naphthalene	7.99	128	2750263	26.69	ng	99
32) Benzoic acid	7.75	122	781566	26.66	ng	97
33) 4-Chloroaniline	8.04	127	1365635	28.65	ng	# 95
34) Hexachlorobutadiene	8.12	225	465248	26.28	ng	96
35) Caprolactam	8.41	113	266968	27.59	ng	# 80
36) 4-Chloro-3-methylphenol	8.52	107	908608	26.58	ng	95
37) 2-Methylnaphthalene	8.68	142	2023292	28.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	891917	25.44	ng	97
40) Hexachlorocyclopentadiene	8.84	237	331422	21.21	ng	95

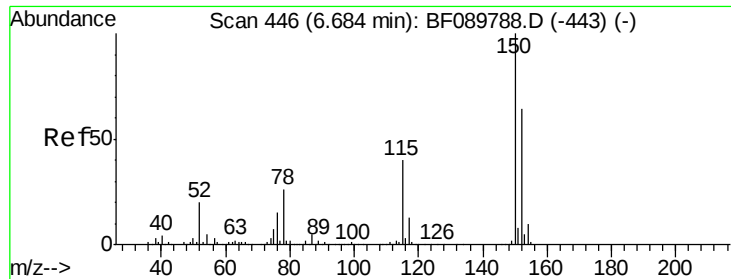
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089787.D
 Acq On : 19 Aug 2016 10:48
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	665552	29.38	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	589752	27.31	nq	95
45) 1,1'-Biphenyl	9.14	154	2178653	24.12	nq	99
46) 2-Chloronaphthalene	9.16	162	1802427	26.63	nq	98
47) 2-Nitroaniline	9.26	65	479521	23.25	nq	93
48) Acenaphthylene	9.58	152	2771235	26.59	nq	98
49) Dimethylphthalate	9.45	163	1979480	25.08	nq	99
50) 2,6-Dinitrotoluene	9.51	165	504726	28.26	nq	93
51) Acenaphthene	9.75	154	1750569	24.90	nq	100
52) 3-Nitroaniline	9.67	138	484584	23.33	nq	98
53) 2,4-Dinitrophenol	9.77	184	197795	31.17	nq	94
54) Dibenzofuran	9.92	168	2237076	25.85	nq	97
55) 4-Nitrophenol	9.83	139	462204	28.93	nq	96
56) 2,4-Dinitrotoluene	9.91	165	625886	27.26	nq	91
57) Fluorene	10.26	166	1882131	26.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	413328	24.50	nq	99
59) Diethylphthalate	10.15	149	2088366	26.10	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	859877	25.05	nq	99
61) 4-Nitroaniline	10.27	138	462516	22.94	nq	94
62) Azobenzene	10.42	77	2107803	27.88	nq	93
64) 4,6-Dinitro-2-methylphenol	10.31	198	303267	27.38	nq	# 80
65) n-Nitrosodiphenylamine	10.38	169	1591697	26.59	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	536997	27.18	nq	99
67) Hexachlorobenzene	10.81	284	652626	29.72	nq	96
68) Atrazine	10.91	200	543262	29.96	nq	96
69) Pentachlorophenol	10.99	266	350794	25.64	nq	98
70) Phenanthrene	11.21	178	2625186	28.00	nq	99
71) Anthracene	11.27	178	2877130	29.37	nq	99
72) Carbazole	11.42	167	2436069	26.25	nq	99
73) Di-n-butylphthalate	11.77	149	3021299	26.76	nq	99
74) Fluoranthene	12.40	202	2743784	29.13	nq	99
76) Benzidine	12.53	184	1098855	24.79	nq	98
77) Pyrene	12.63	202	2730271	33.78	nq	98
79) Butylbenzylphthalate	13.29	149	1153718	28.45	nq	87
80) Benzo(a)anthracene	13.89	228	1836167	25.59	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	631139	24.14	nq	# 96
82) Chrysene	13.92	228	1636717	25.34	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1679764	31.30	nq	98
84) Di-n-octyl phthalate	14.62	149	2260801	27.11	nq	95
85) Indeno(1,2,3-cd)pyrene	16.72	276	1890336	34.36	nq	98
87) Benzo(b)fluoranthene	15.03	252	1436759	21.73	nq	# 96
88) Benzo(k)fluoranthene	15.03	252	1436759	26.40	nq	99
89) Benzo(a)pyrene	15.37	252	1437584	26.34	nq	97
90) Dibenzo(a,h)anthracene	16.74	278	1573014	36.60	nq	98
91) Benzo(g,h,i)perylene	17.11	276	1614370	36.90	nq	96

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

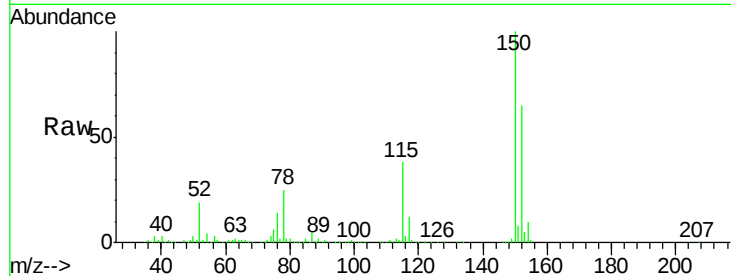


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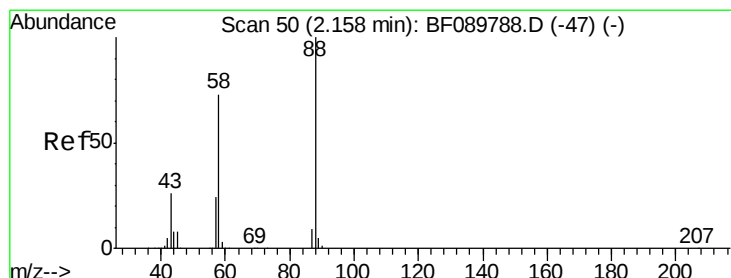
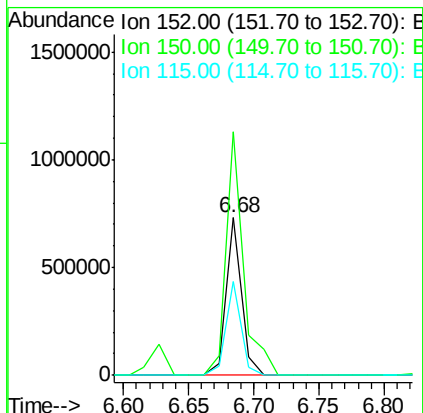
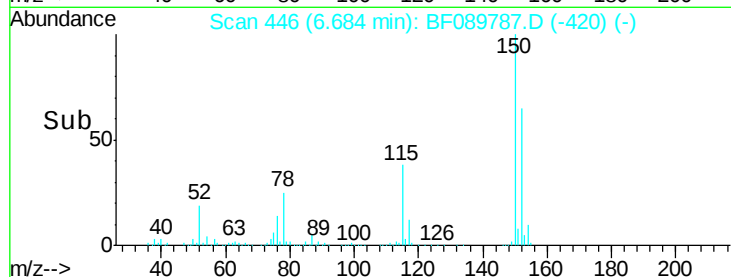
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 597750
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 59.5 40.9 61.3



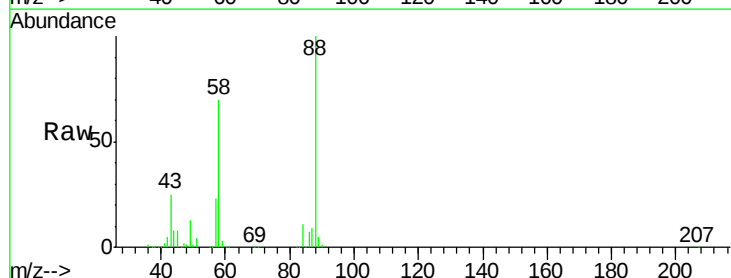
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



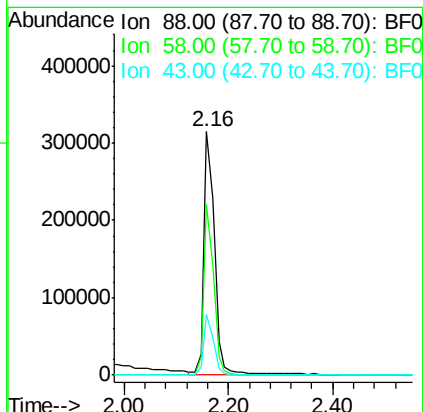
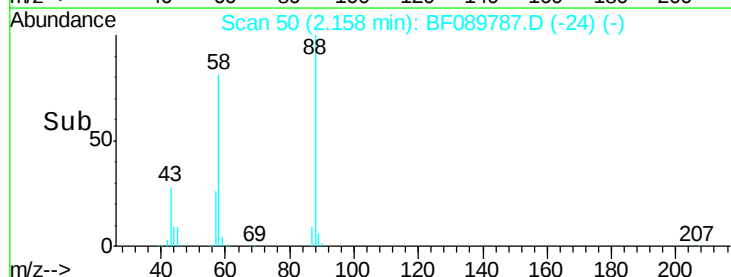
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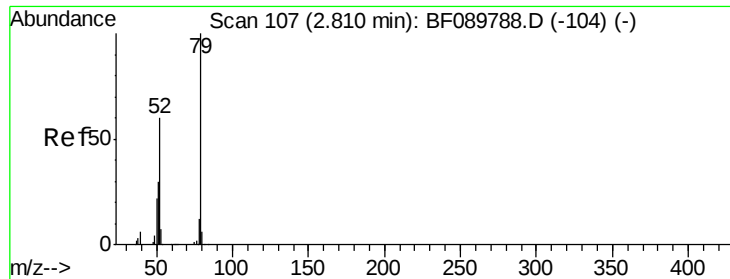
1,4-Dioxane
Concen: 23.93 ng
RT: 2.16 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion: 88 Resp: 442635
Ion Ratio Lower Upper
88 100
58 65.2 57.0 85.4
43 22.7 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: 25.18 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

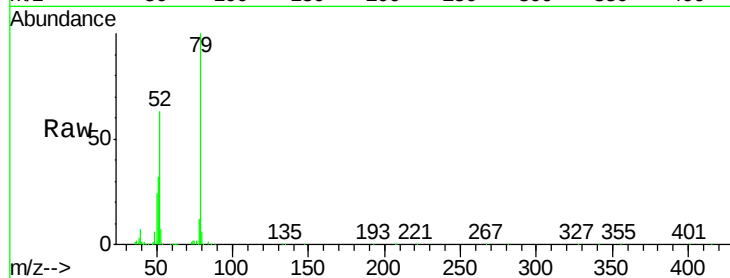
Tot Ion: 79 Resp: 1200107

Ion Ratio Lower Upper

79 100

52 63.3 53.6 80.4

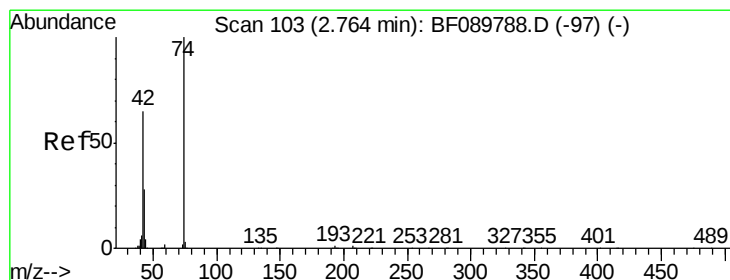
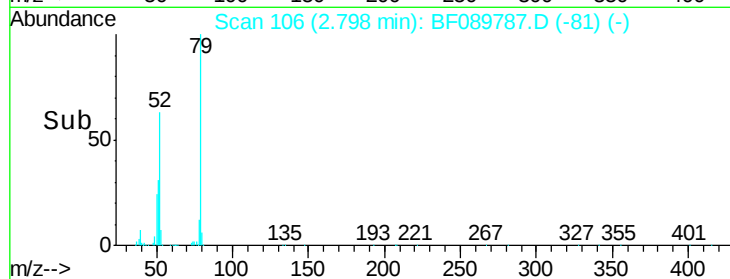
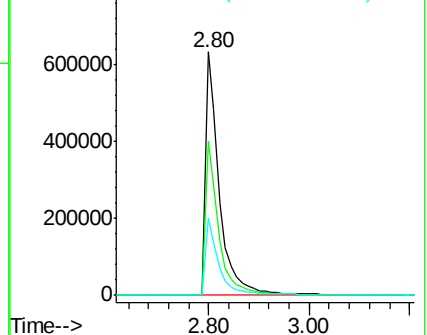
51 31.7 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 22.72 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

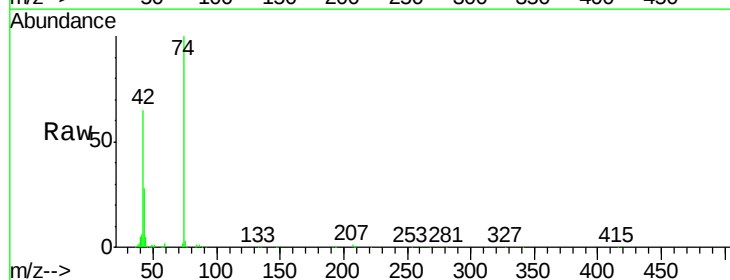
Tgt Ion: 42 Resp: 434712

Ion Ratio Lower Upper

42 100

74 153.2 106.2 159.2

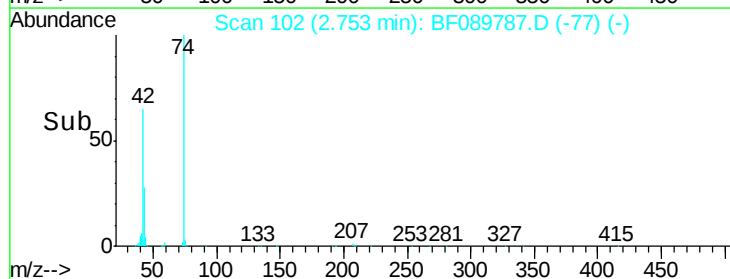
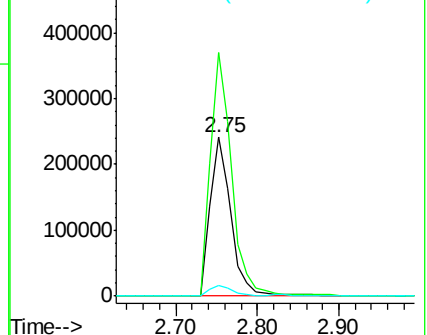
44 6.9 6.9 10.3

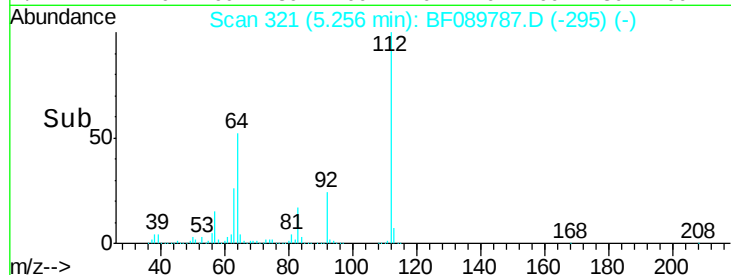
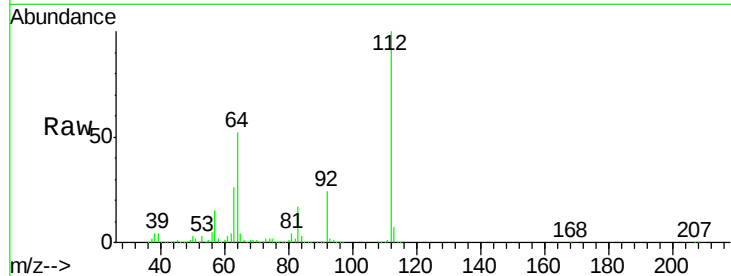
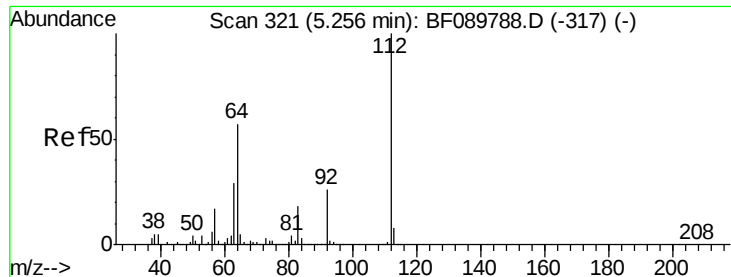


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 53.14 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

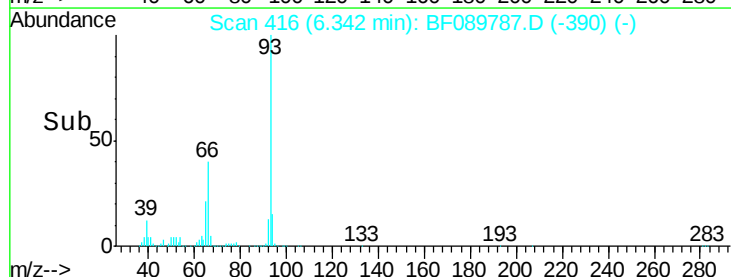
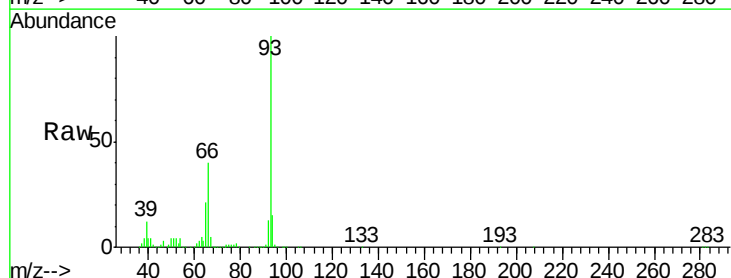
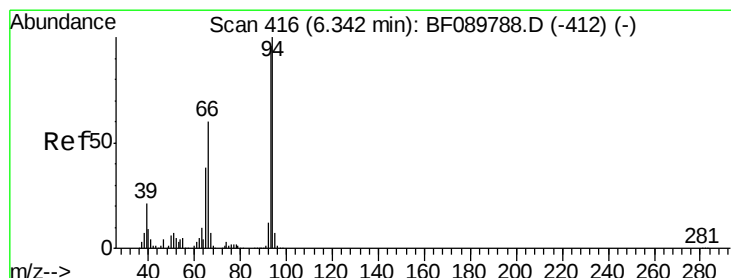
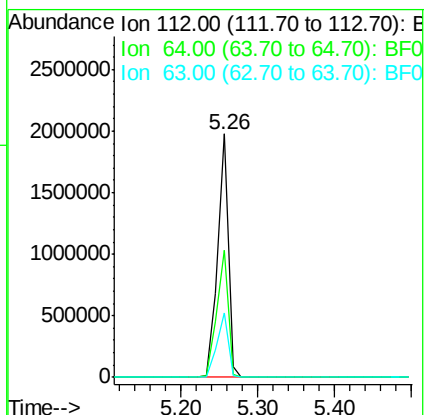
Tot Ion:112 Resp: 1903950

Ion Ratio Lower Upper

112 100

64 52.4 45.0 67.4

63 26.2 23.1 34.7



#6

Aniline

Concen: 24.11 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

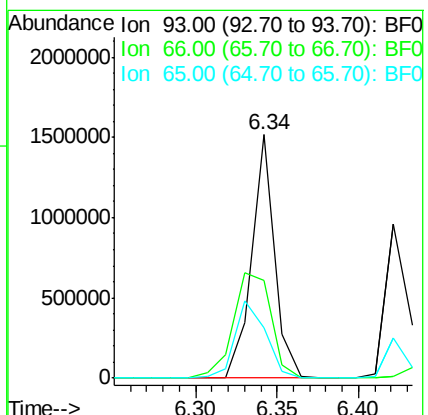
Tgt Ion: 93 Resp: 1476698

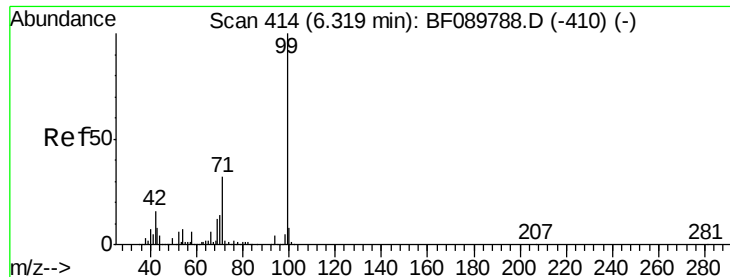
Ion Ratio Lower Upper

93 100

66 39.9 30.6 46.0

65 20.7 15.4 23.2





#7

Phenol-d6

Concen: 48.43 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

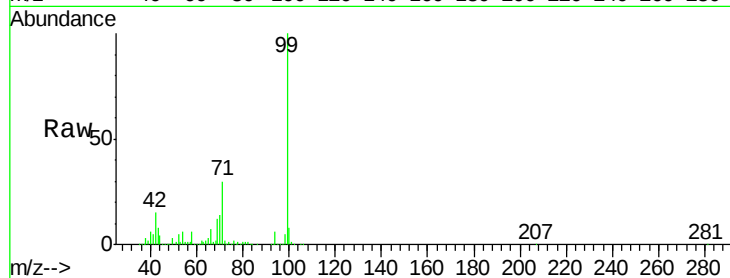
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2206737

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.4
71	30.5	23.8	35.8

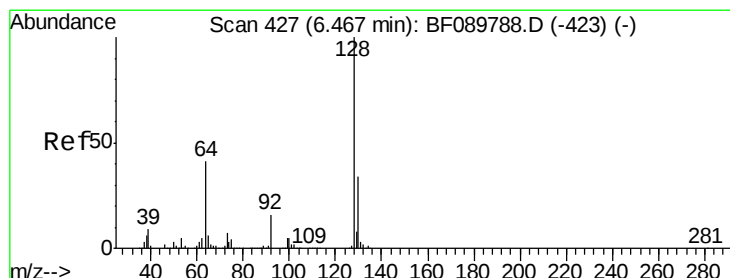
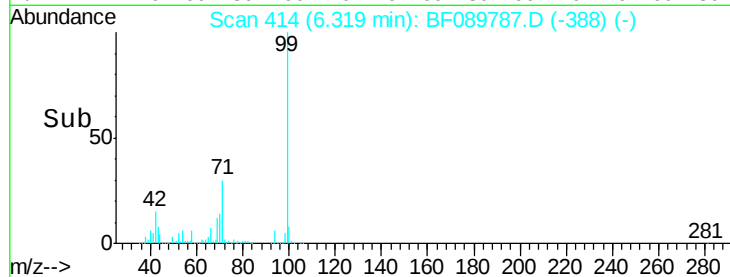


Abundance

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: 26.18 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion: 128 Resp: 1115658

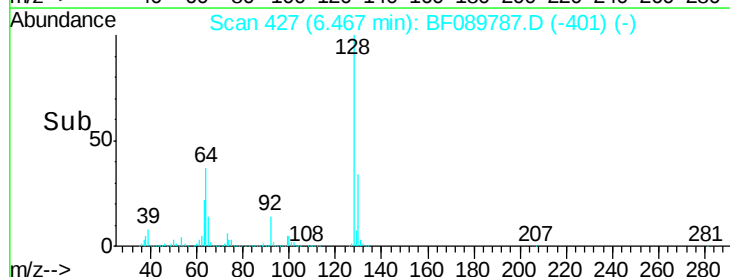
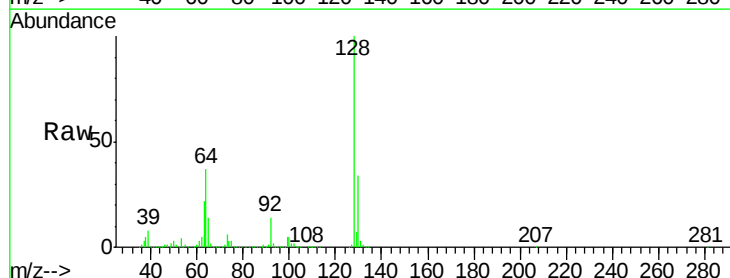
Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.0	52.0
64	36.7	35.1	75.1

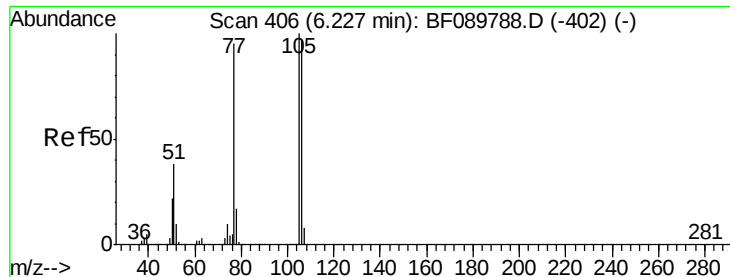
Abundance

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: 25.38 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

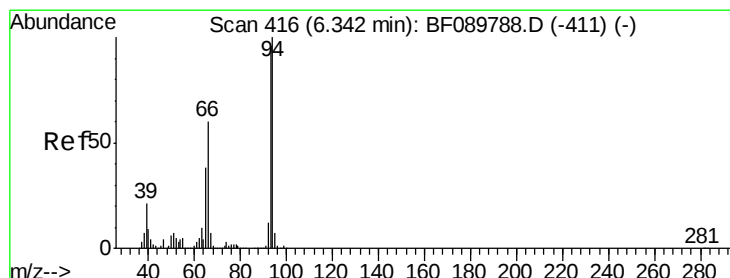
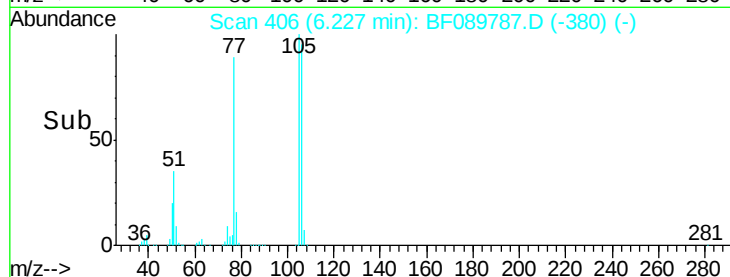
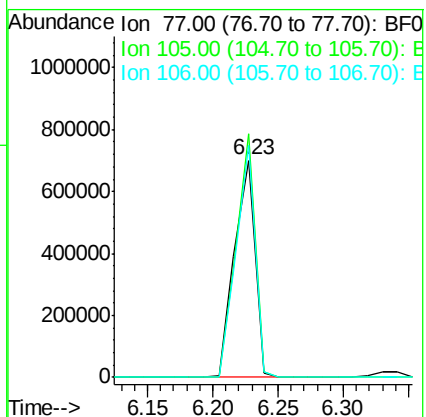
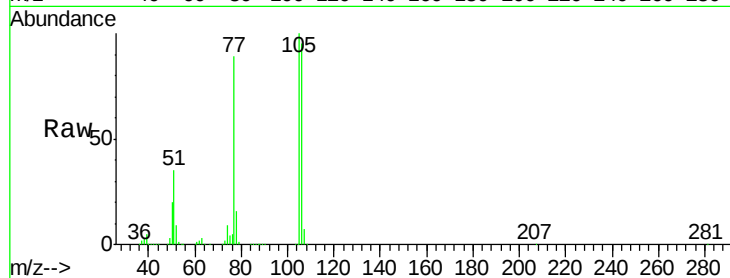
Tot Ion: 77 Resp: 766672

Ion Ratio Lower Upper

77 100

105 112.1 73.3 113.3

106 106.7 68.6 108.6



#10

Phenol

Concen: 23.65 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

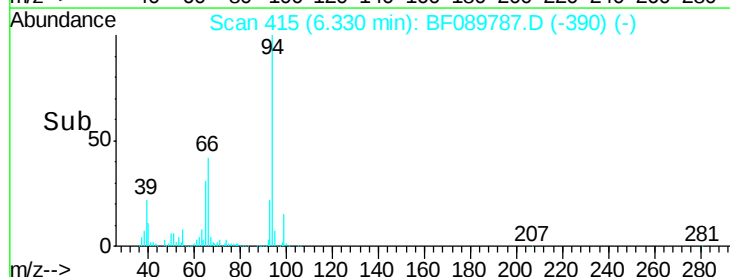
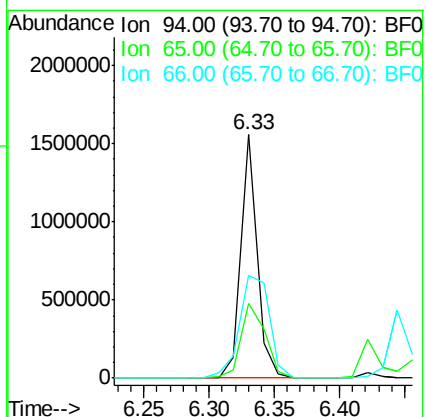
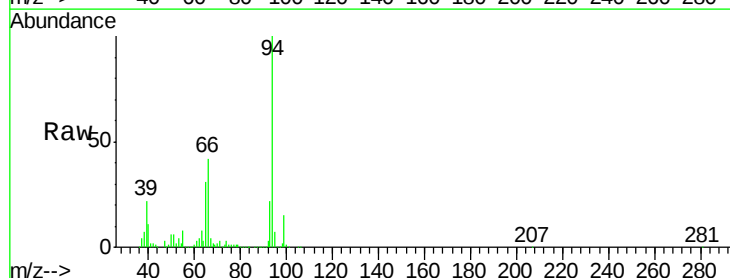
Tgt Ion: 94 Resp: 1341487

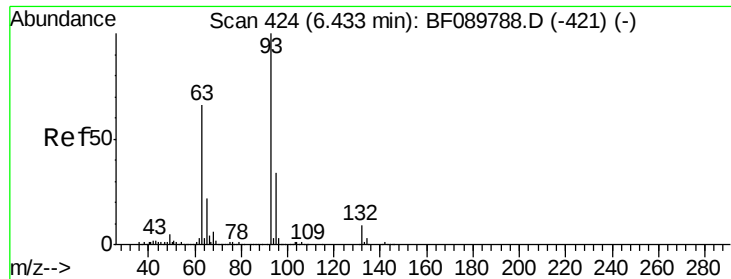
Ion Ratio Lower Upper

94 100

65 30.8 14.0 54.0

66 42.2 31.2 71.2

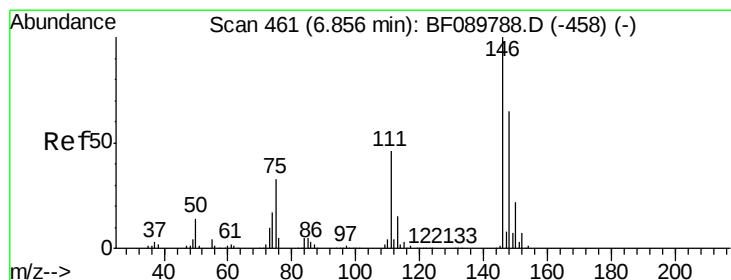
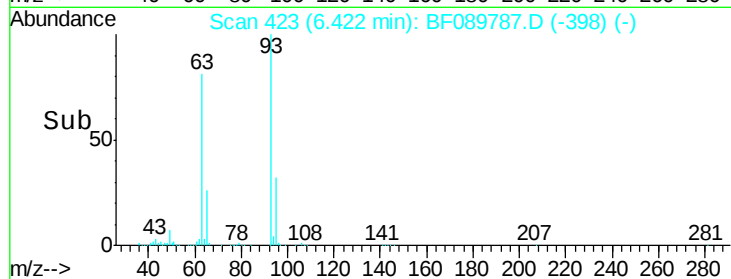
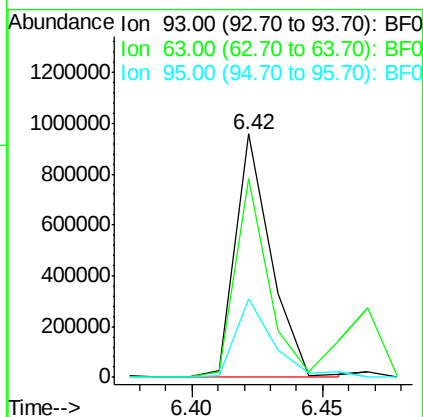
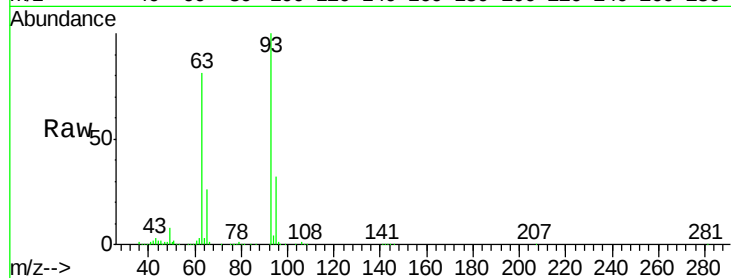




#11
bis(2-Chloroethyl)ether
Concen: 21.55 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

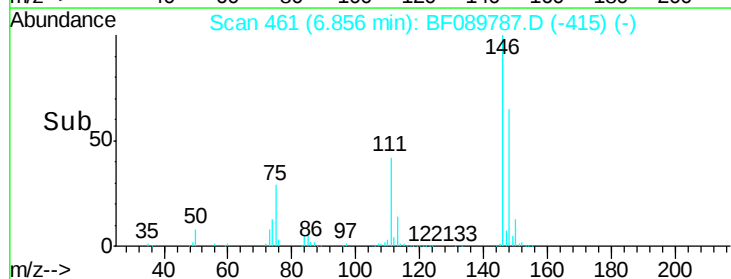
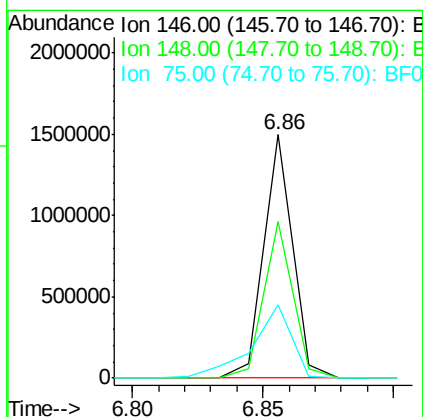
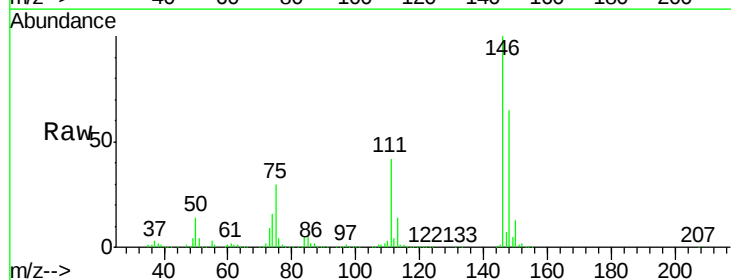
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 905510
Ion Ratio Lower Upper
93 100
63 81.4 55.8 95.8
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 25.20 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.23 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion: 146 Resp: 1147926
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 30.0 27.0 40.6

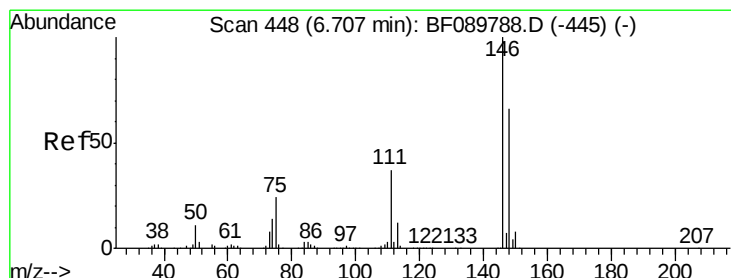
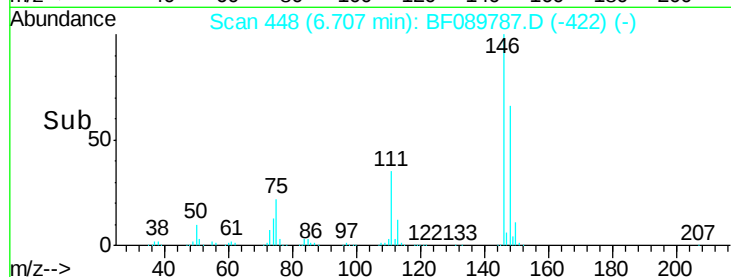
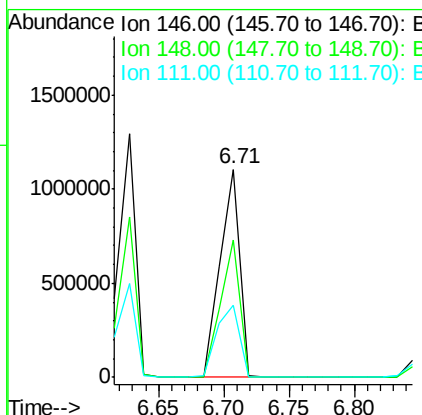
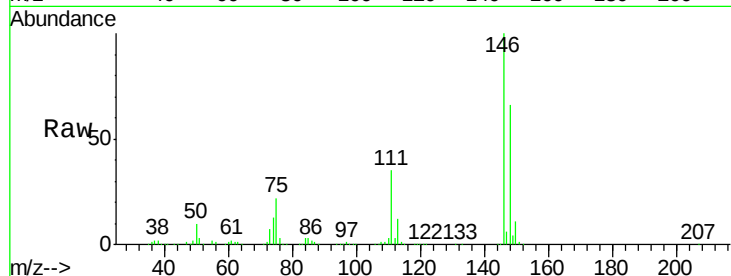




#13
 1,4-Dichlorobenzene
 Concen: 25.41 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

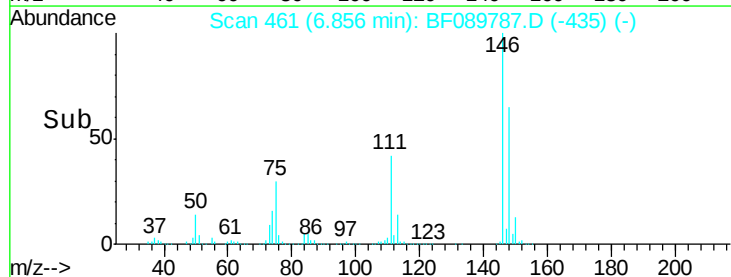
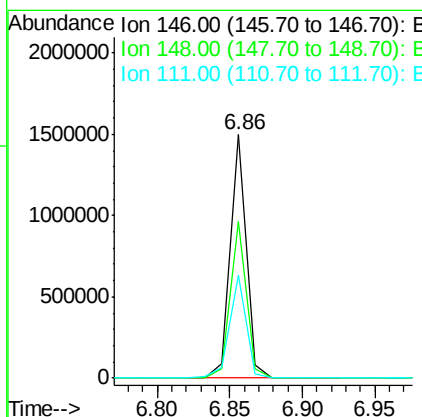
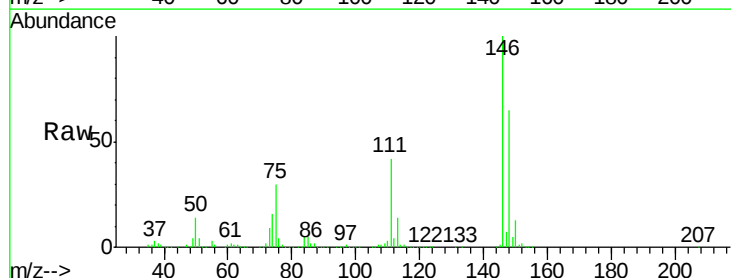
Instrument :
 BNA_F
 ClientSampleId :

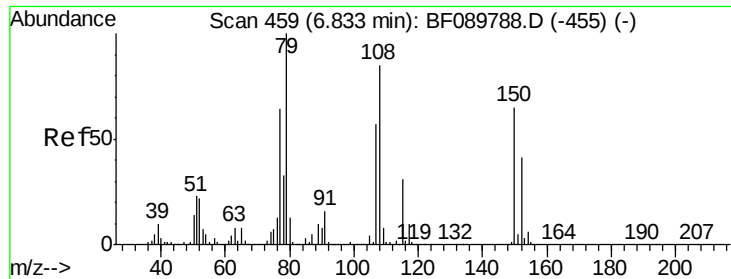
Tot Ion:146 Resp: 1172459
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.0 76.6
 111 34.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 26.11 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:146 Resp: 1148705
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.5 29.8 44.6





#15

Benzyl Alcohol

Concen: 27.52 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

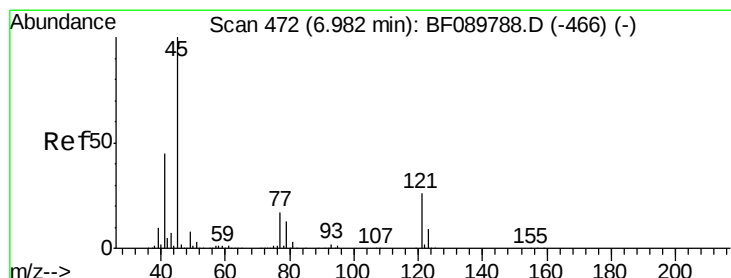
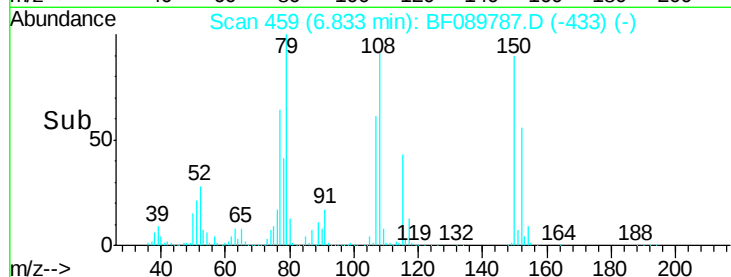
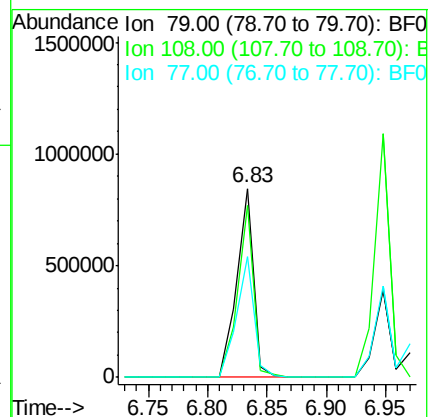
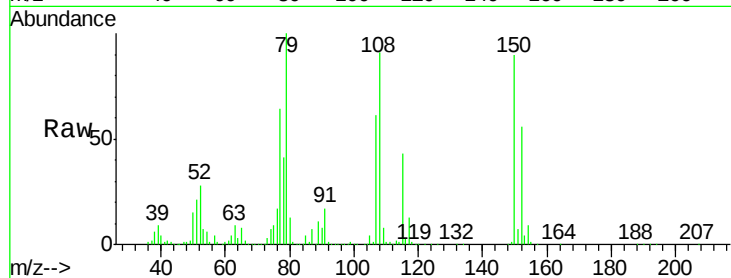
Tot Ion: 79 Resp: 838006

Ion Ratio Lower Upper

79 100

108 91.0 62.5 93.7

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.19 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

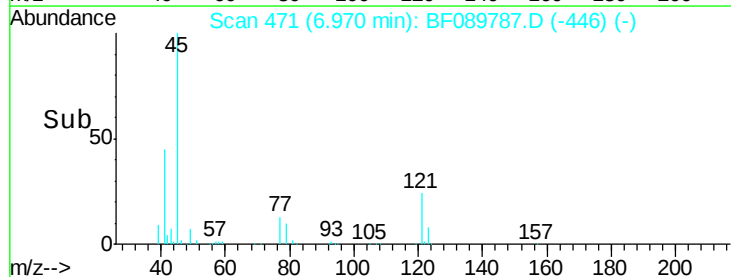
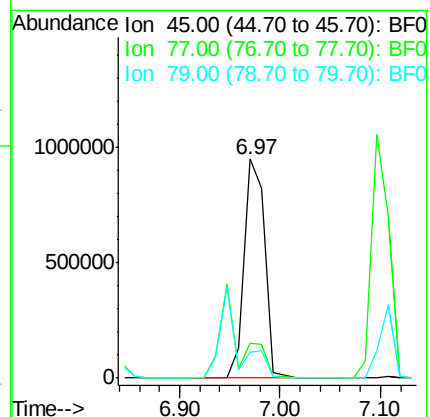
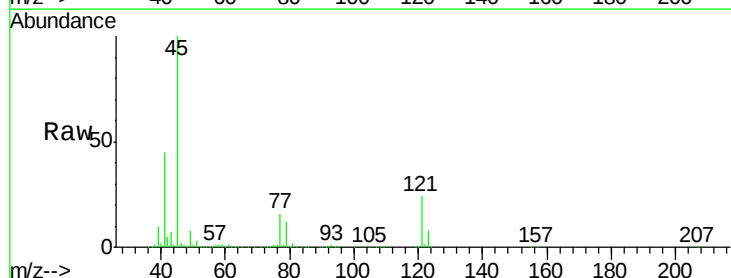
Tgt Ion: 45 Resp: 1333497

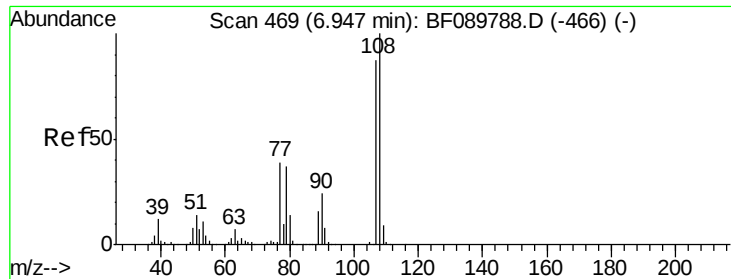
Ion Ratio Lower Upper

45 100

77 15.7 0.0 33.5

79 11.7 0.0 30.7





#17

2-Methylphenol

Concen: 24.84 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 840945

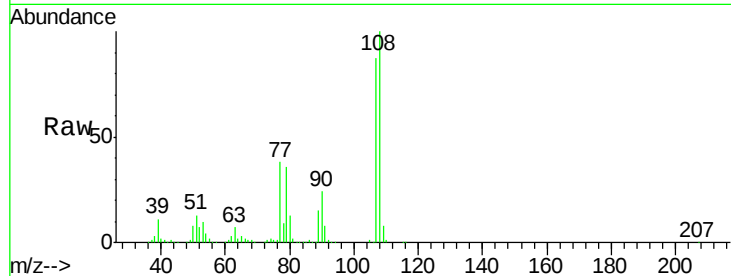
Ion Ratio Lower Upper

107 100

108 114.4 91.0 136.4

77 43.0 37.4 56.0

79 41.4 36.6 55.0

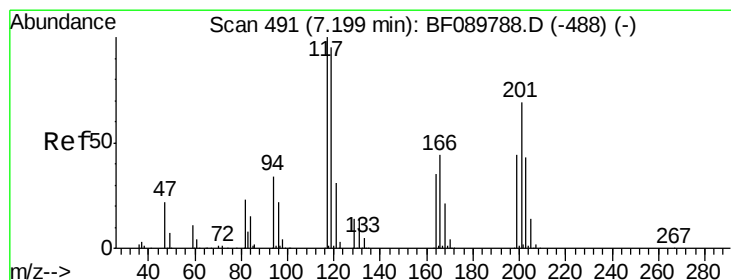
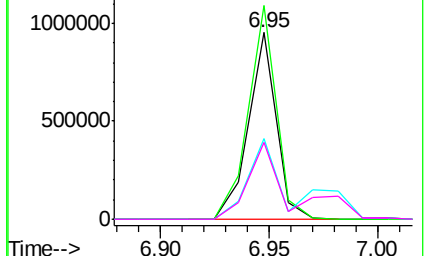
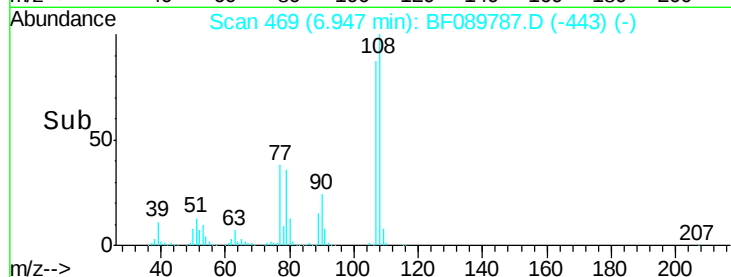


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.63 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

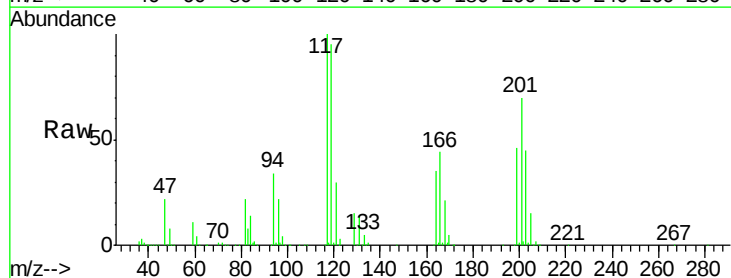
Tgt Ion:117 Resp: 416475

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7

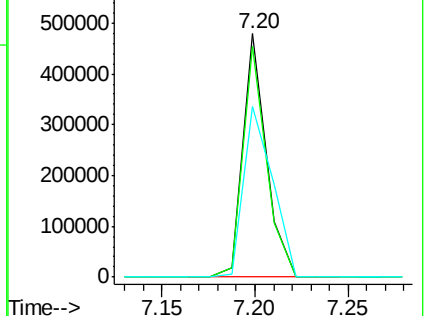
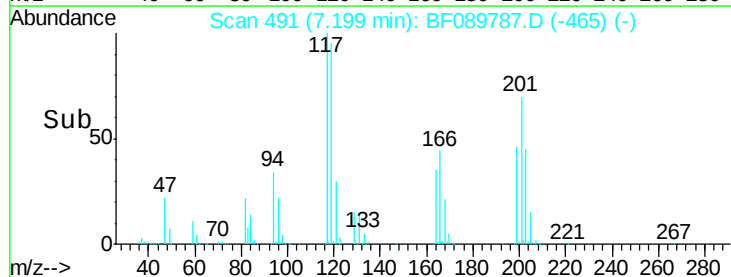
201 70.1 76.9 115.3#



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

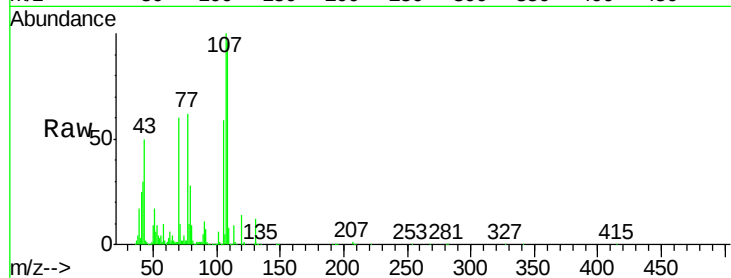




#19
n-Nitroso-di-n-propylamine
Concen: 22.46 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	670389
Ion	Ratio	Lower	Upper
70	100		
42	49.8	46.3	69.5
101	9.5	7.0	10.6
130	20.1	14.4	21.6



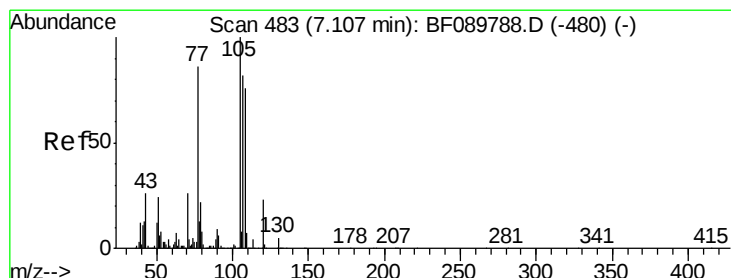
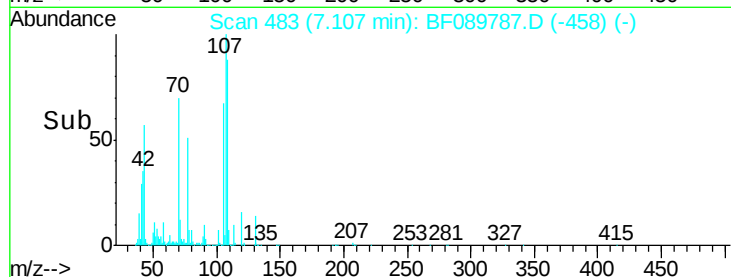
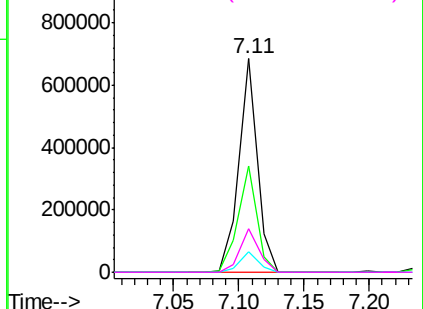
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

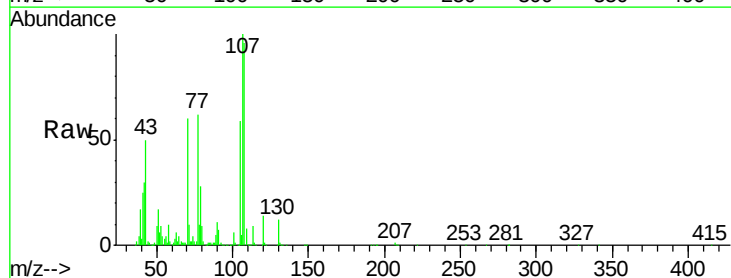
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 26.02 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:	107	Resp:	1128204
Ion	Ratio	Lower	Upper
107	100		
108	95.8	68.2	108.2
77	61.7	122.3	162.3#
79	28.2	8.2	48.2



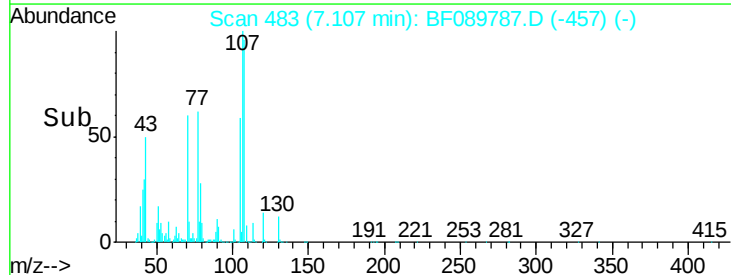
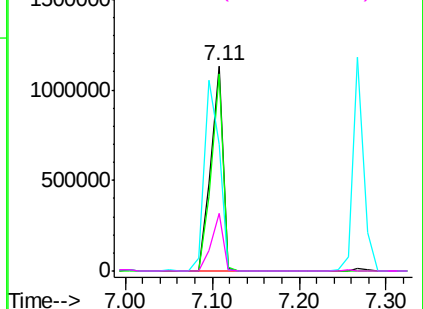
Abundance

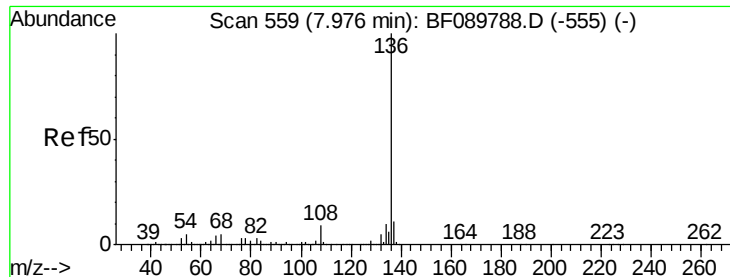
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2295311

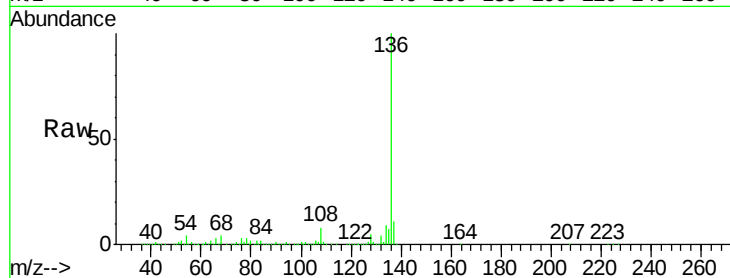
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 4.4 7.2 10.8#

68 4.2 5.8 8.8#

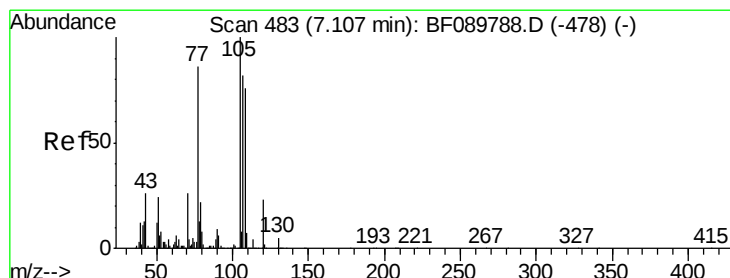
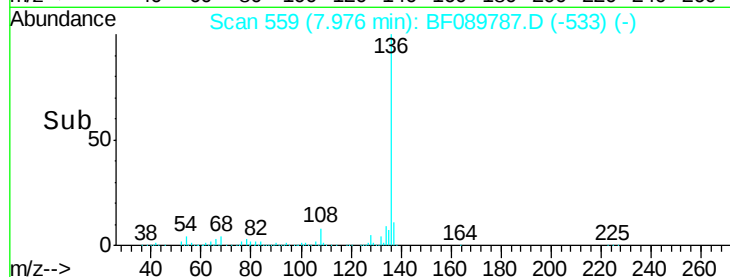
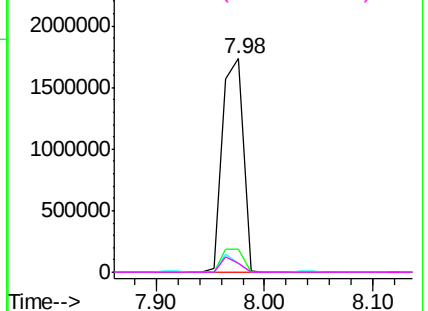


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.95 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:105 Resp: 1331077

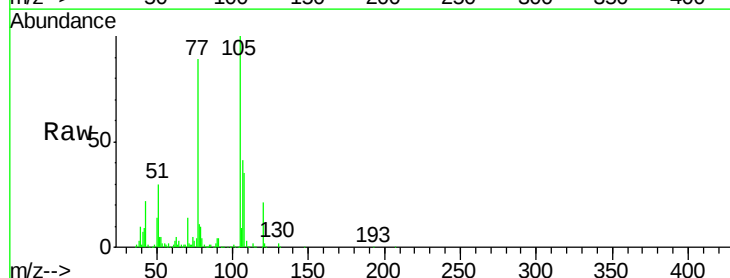
Ion Ratio Lower Upper

105 100

71 2.3 1.9 2.9

51 30.1 28.5 42.7

120 21.1 16.6 25.0

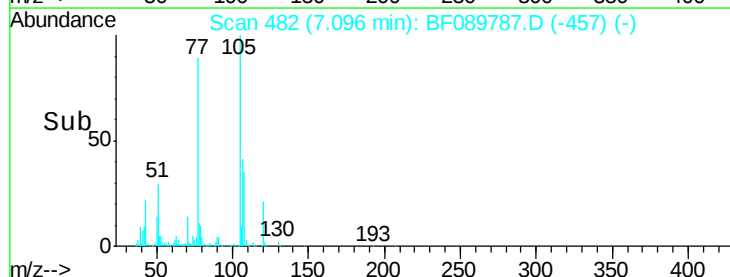
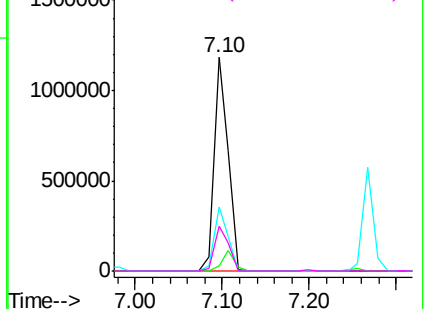


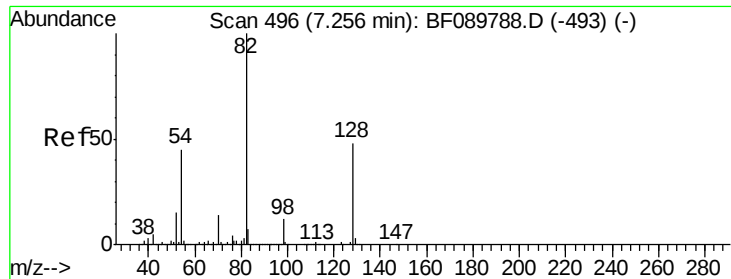
Abundance Ion 105.00 (104.70 to 105.70): E

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

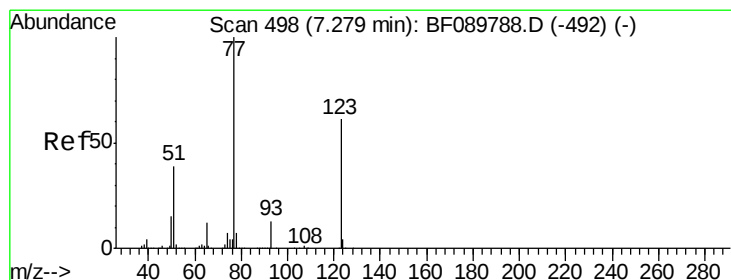
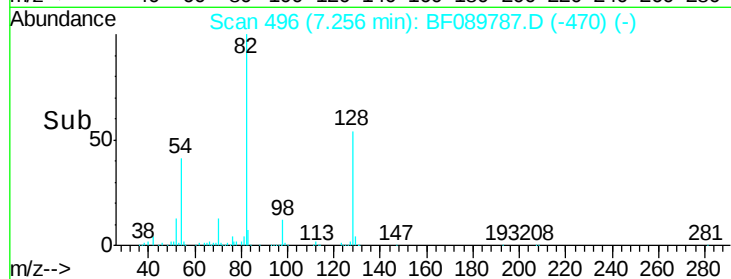
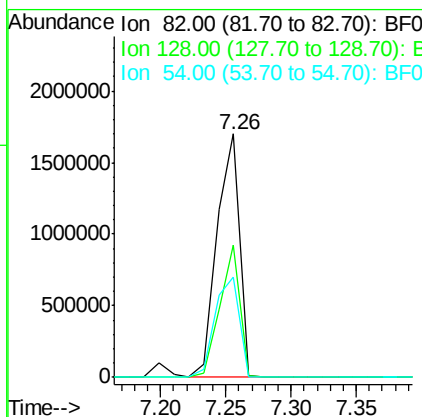
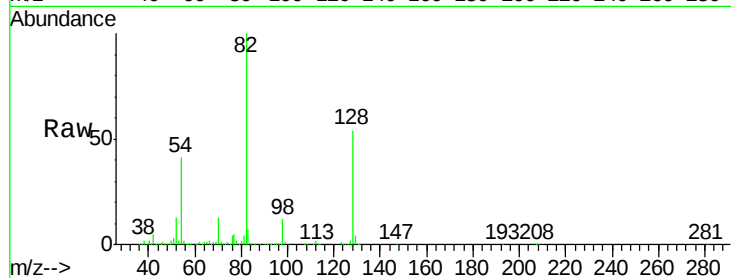




#23
 Nitrobenzene-d5
 Concen: 54.51 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

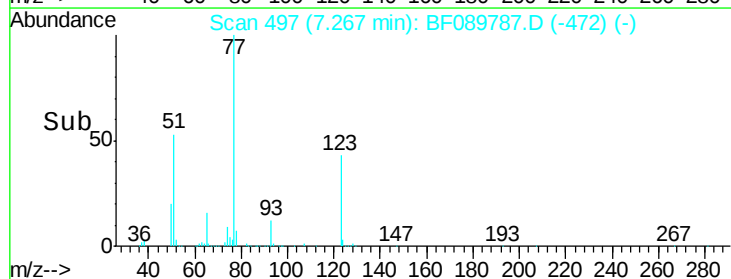
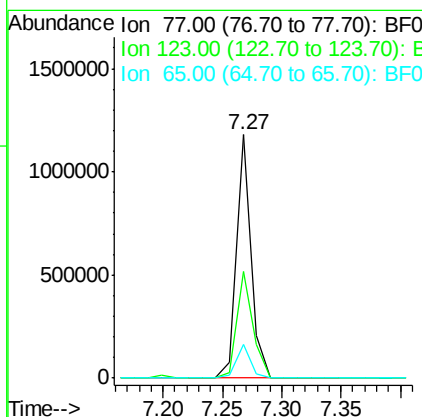
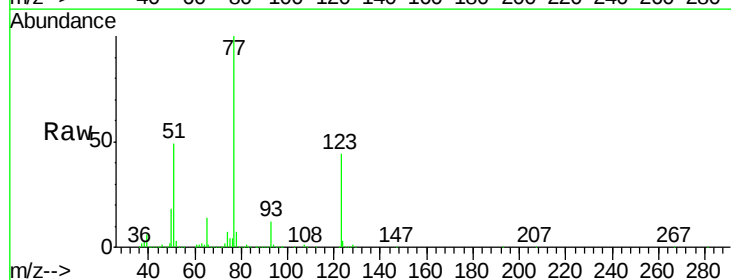
Instrument :
 BNA_F
 ClientSampled :

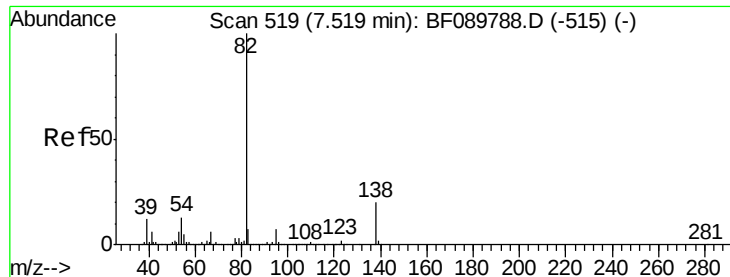
Tot Ion: 82 Resp: 2048893
 Ion Ratio Lower Upper
 82 100
 128 54.5 34.4 51.6#
 54 41.4 40.3 60.5



#24
 Nitrobenzene
 Concen: 23.89 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion: 77 Resp: 1010299
 Ion Ratio Lower Upper
 77 100
 123 44.0 36.2 54.2
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 25.12 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

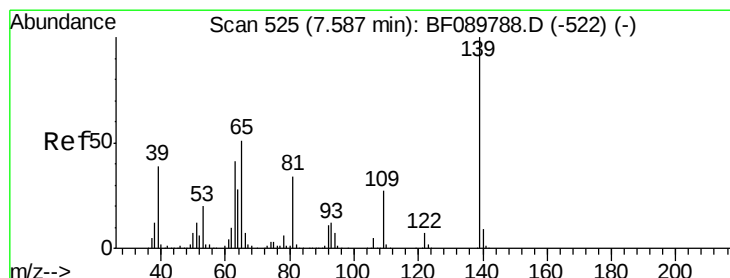
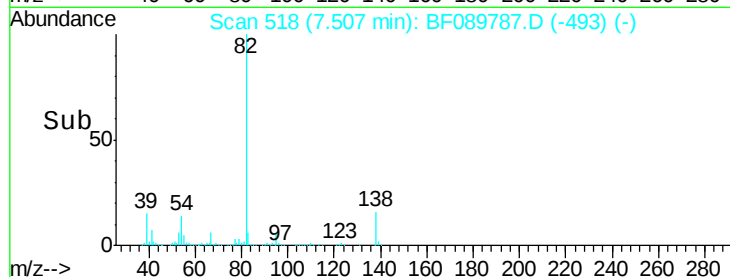
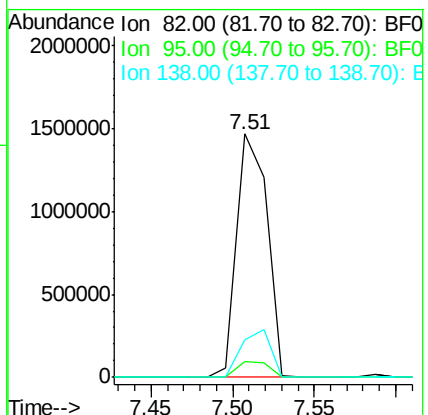
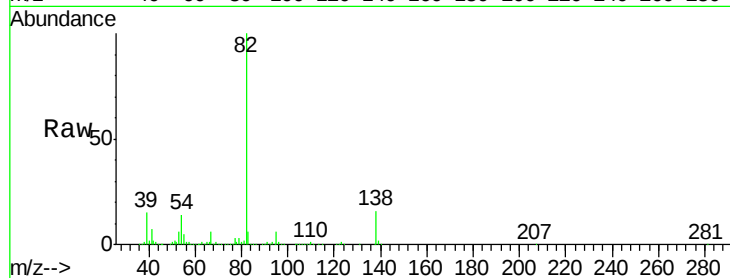
Tot Ion: 82 Resp: 1889508

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 15.5 13.0 19.4



#26

2-Nitrophenol

Concen: 28.97 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

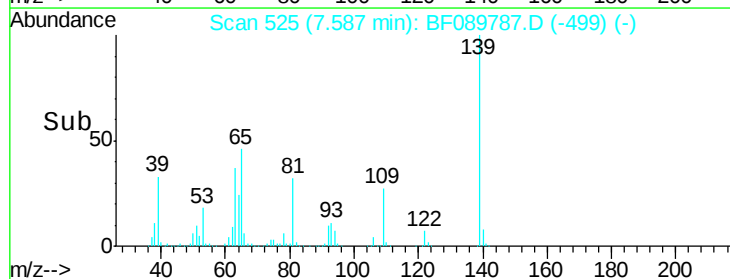
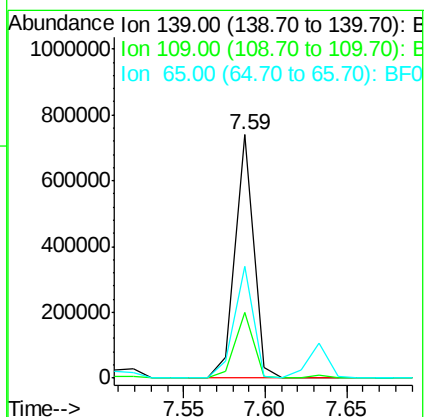
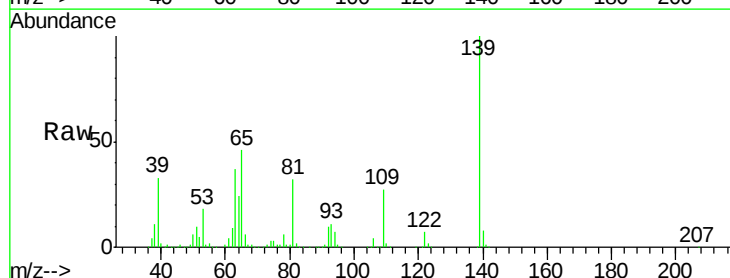
Tgt Ion: 139 Resp: 576470

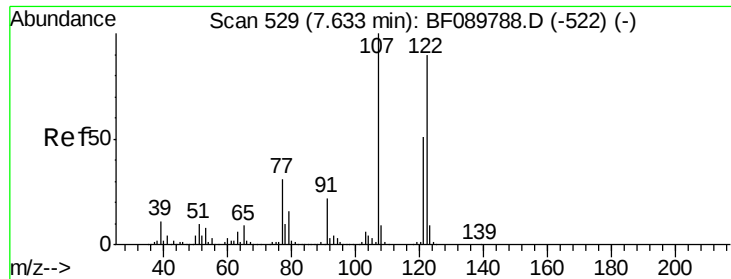
Ion Ratio Lower Upper

139 100

109 26.9 19.5 29.3

65 45.7 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 27.27 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

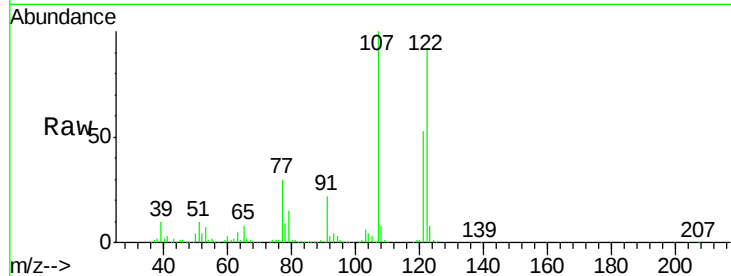
Tot Ion:122 Resp: 1028484

Ion Ratio Lower Upper

122 100

107 108.5 84.8 127.2

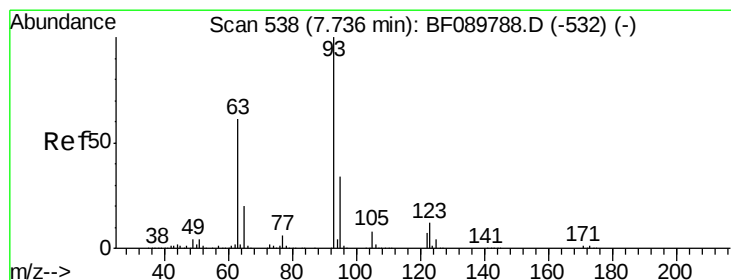
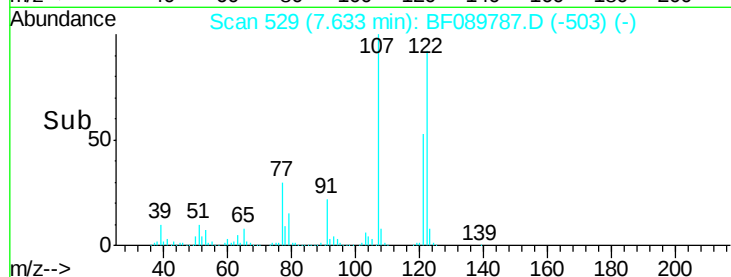
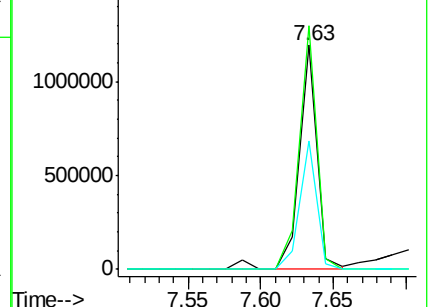
121 57.4 47.0 70.6



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: 26.48 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

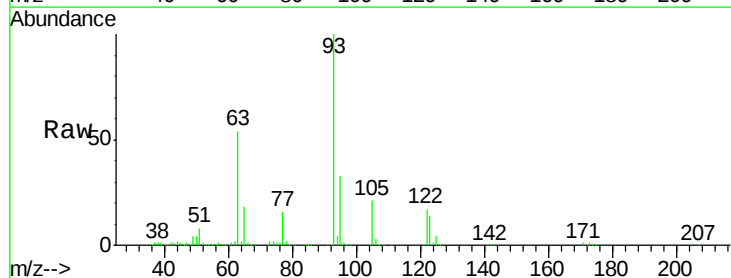
Tgt Ion: 93 Resp: 1210197

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

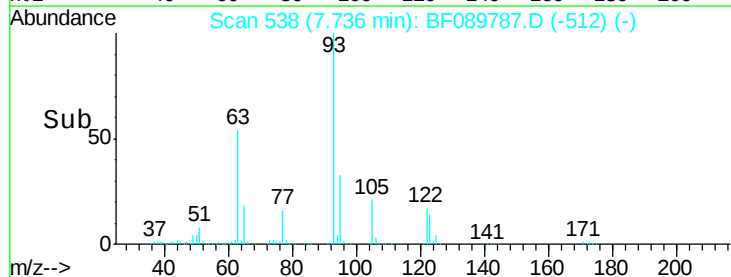
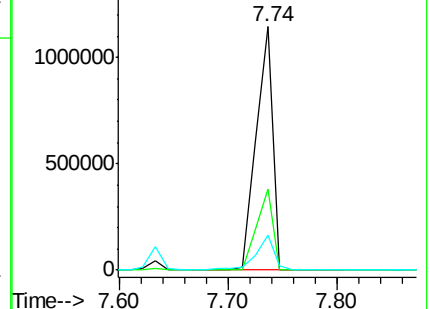
123 14.1 8.5 12.7#

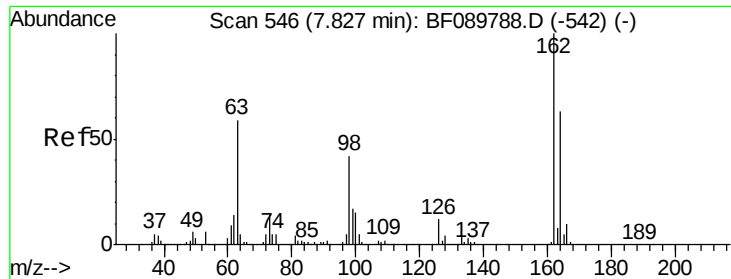


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

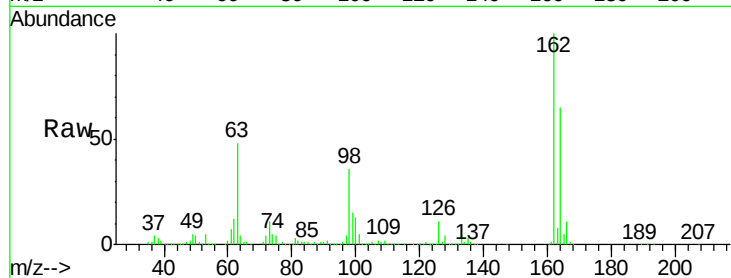




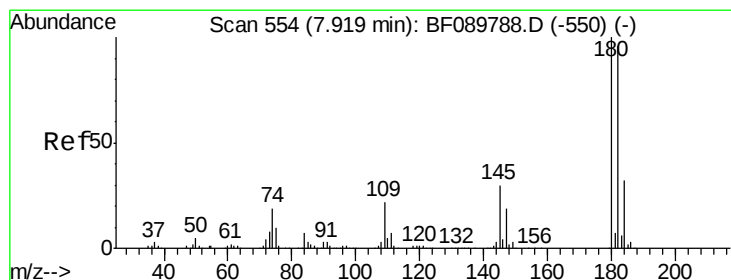
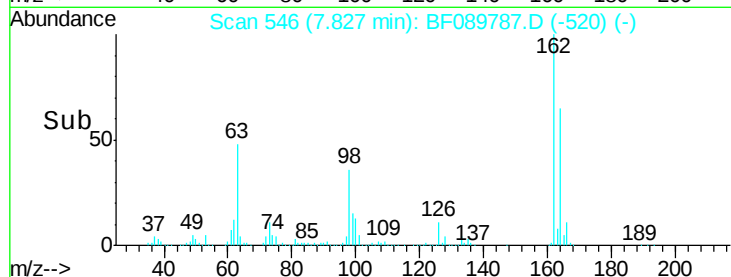
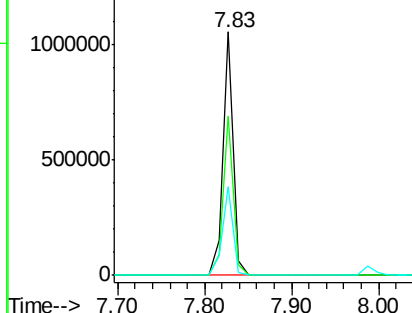
#29
 2,4-Dichlorophenol
 Concen: 27.94 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.5	85.5
98	36.2	12.4	52.4

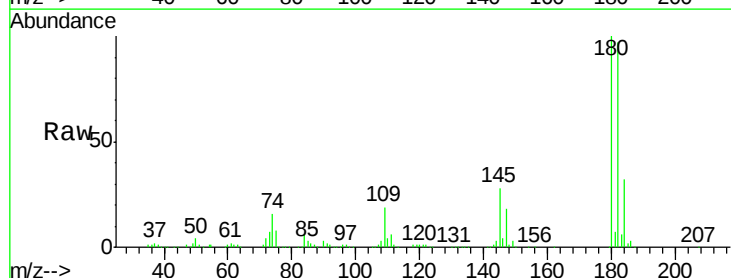


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

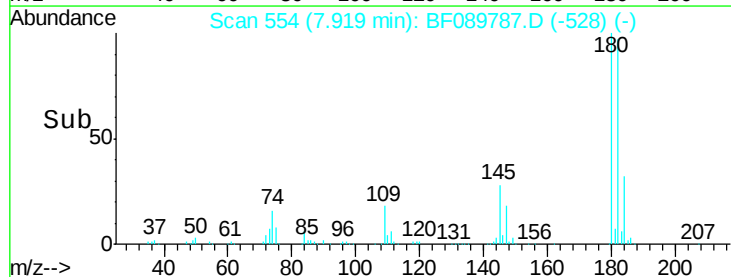
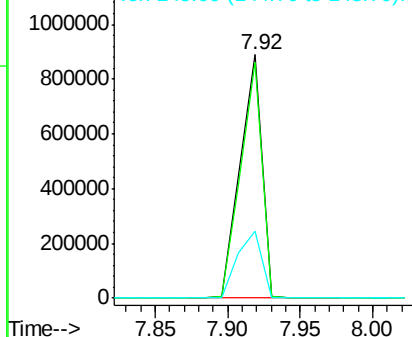


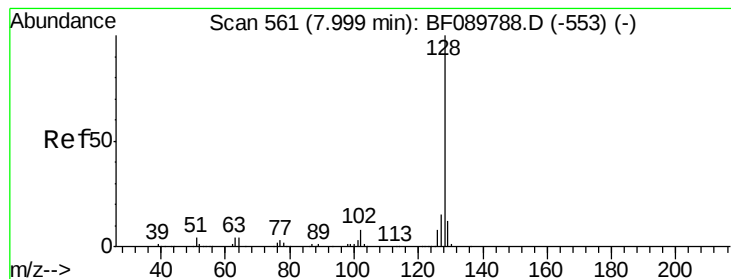
#30
 1,2,4-Trichlorobenzene
 Concen: 27.42 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.5	113.3
145	27.5	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: 26.69 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

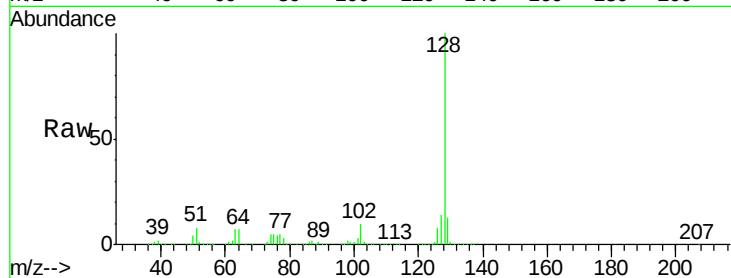
Tot Ion:128 Resp: 2750263

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

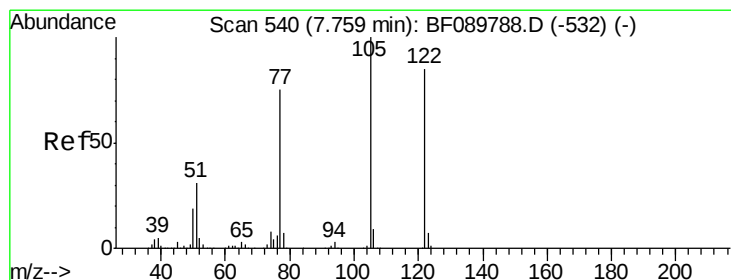
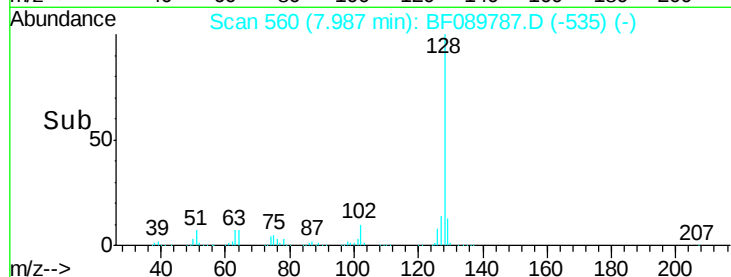
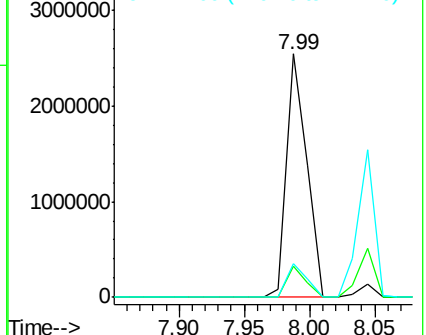
127 13.9 11.3 16.9



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: 26.66 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

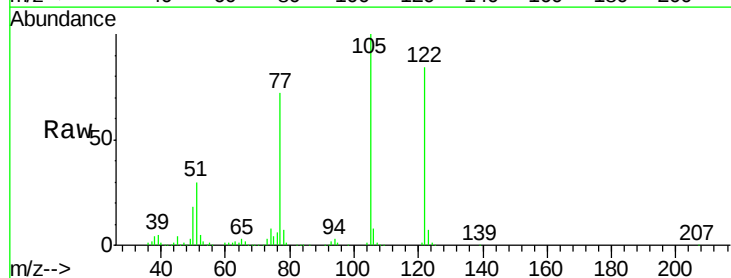
Tgt Ion:122 Resp: 781566

Ion Ratio Lower Upper

122 100

105 119.5 100.8 140.8

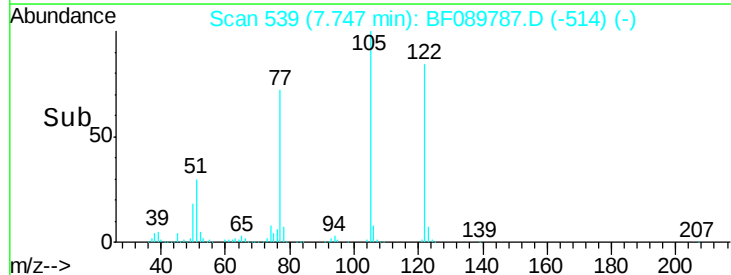
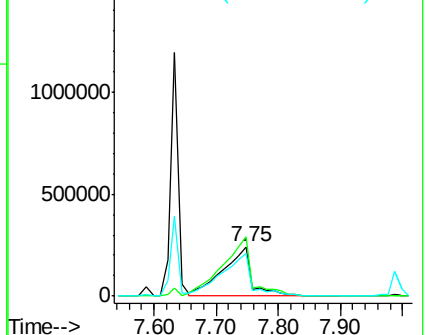
77 86.3 72.1 112.1

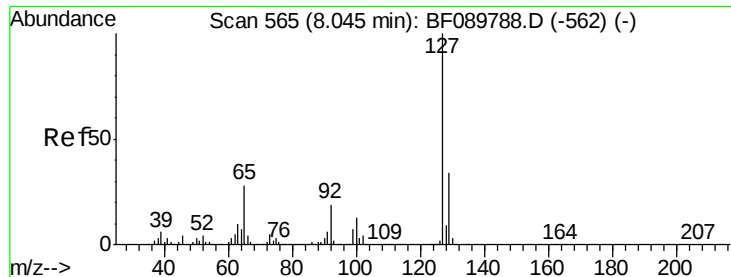


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

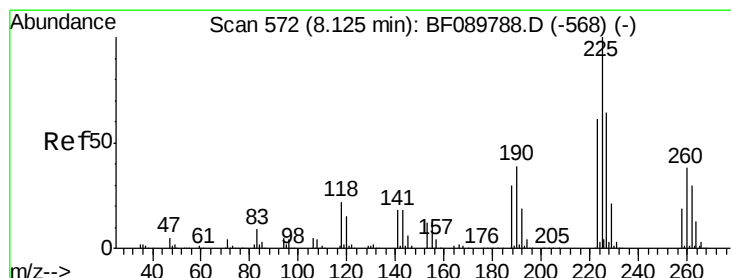
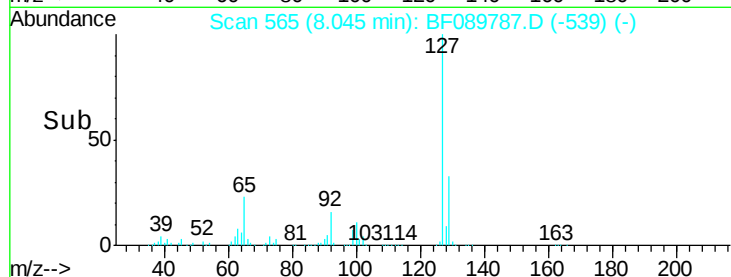
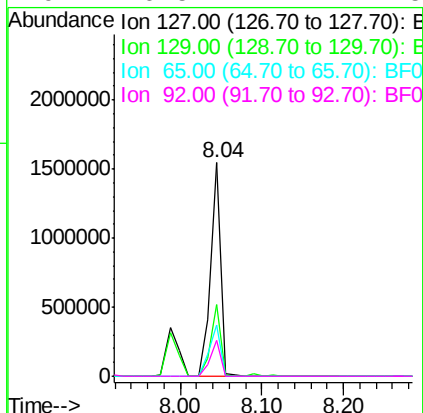
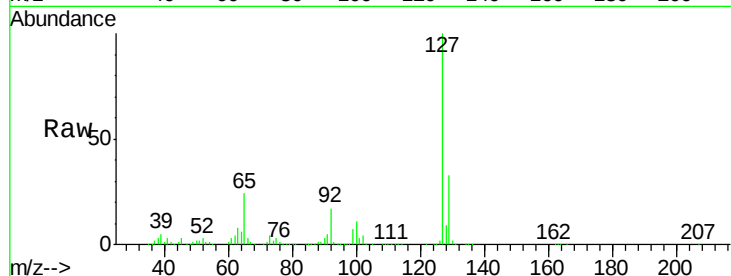




#33
4-Chloroaniline
Concen: 28.65 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

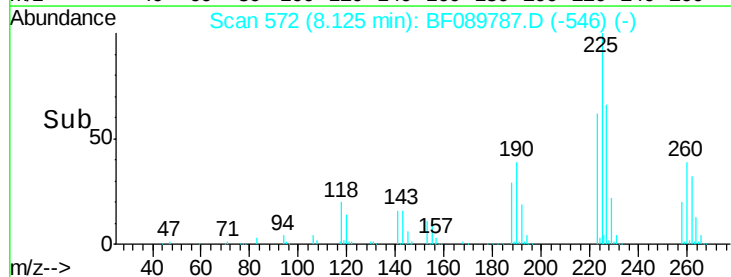
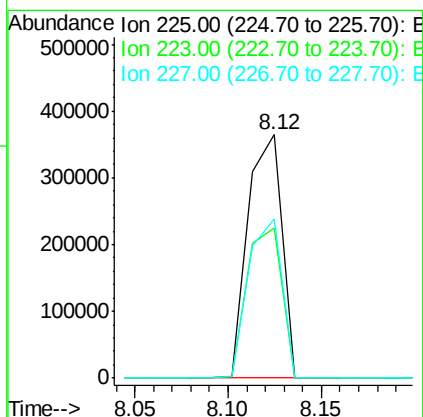
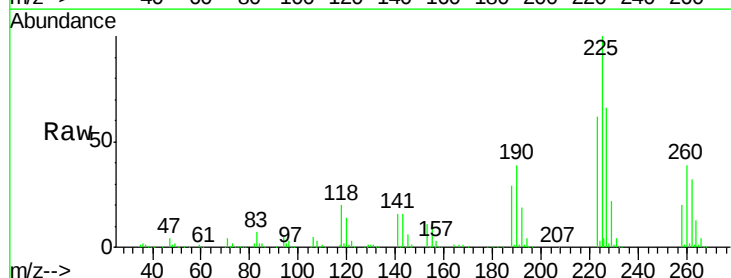
Instrument :
BNA_F
ClientSampleId :

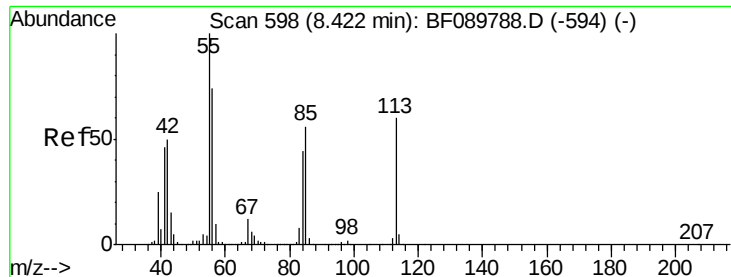
Tot Ion:127 Resp: 1365635
Ion Ratio Lower Upper
127 100
129 33.4 27.0 40.6
65 23.9 14.7 22.1#
92 16.5 11.7 17.5



#34
Hexachlorobutadiene
Concen: 26.28 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:225 Resp: 465248
Ion Ratio Lower Upper
225 100
223 61.6 51.0 76.6
227 65.5 49.8 74.6





#35

Caprolactam

Concen: 27.59 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

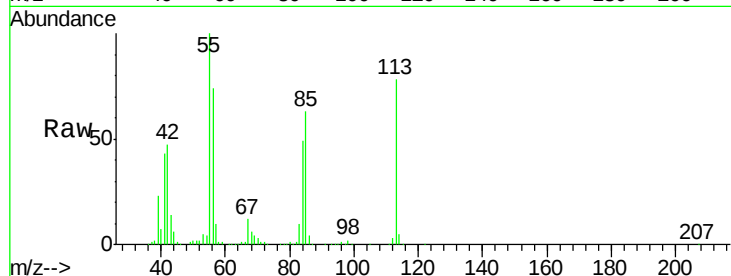
Tot Ion:113 Resp: 266968

Ion Ratio Lower Upper

113 100

55 128.3 135.9 175.9#

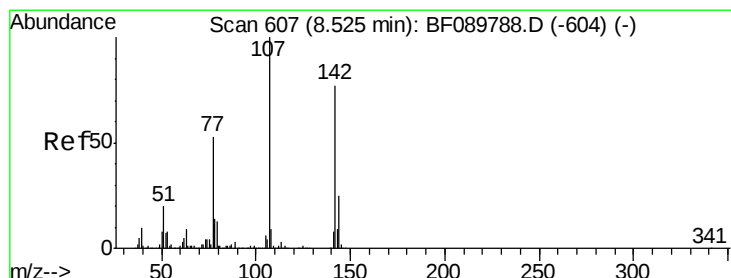
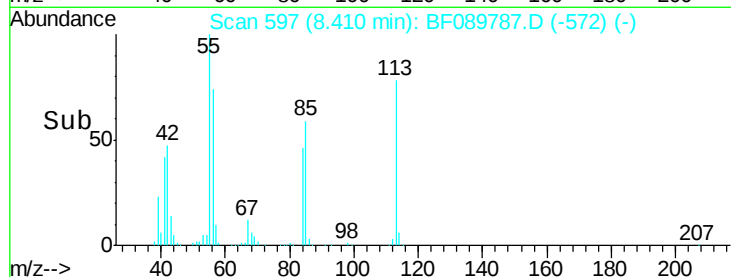
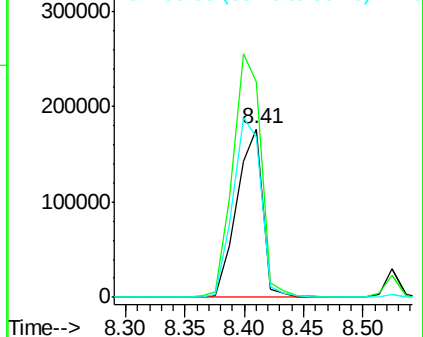
56 95.2 93.9 133.9



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: 26.58 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

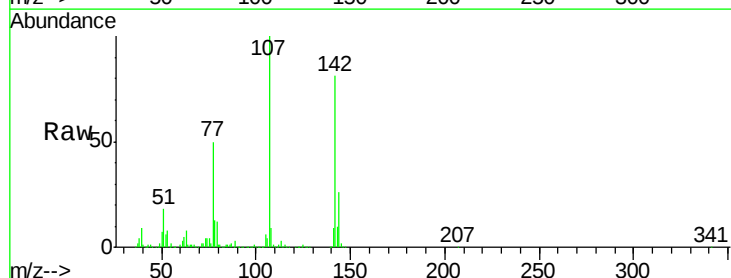
Tgt Ion:107 Resp: 908608

Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

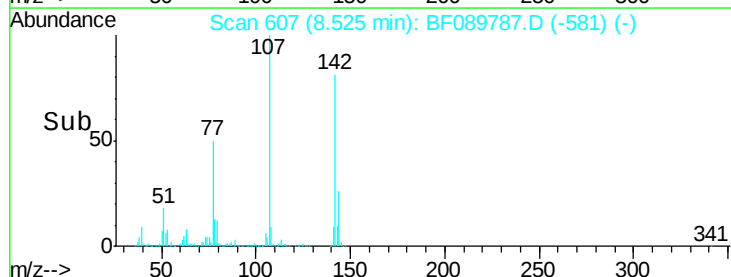
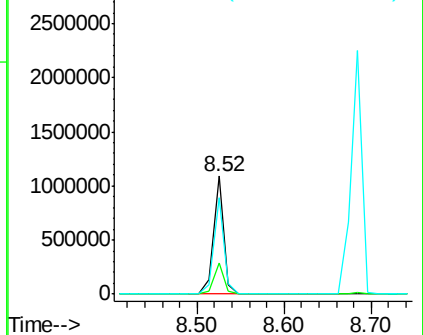
142 81.2 69.3 103.9

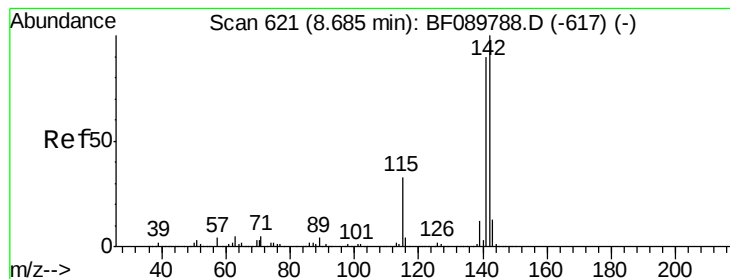


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

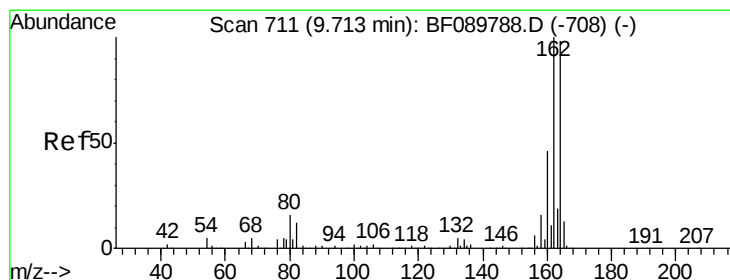
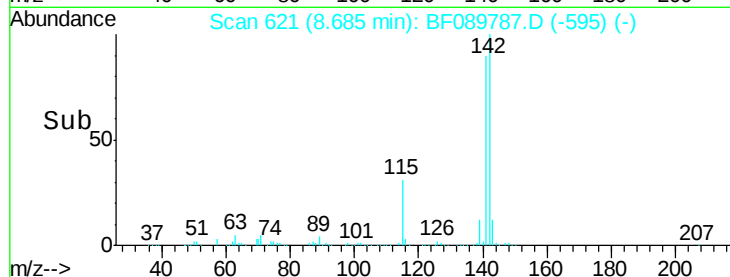
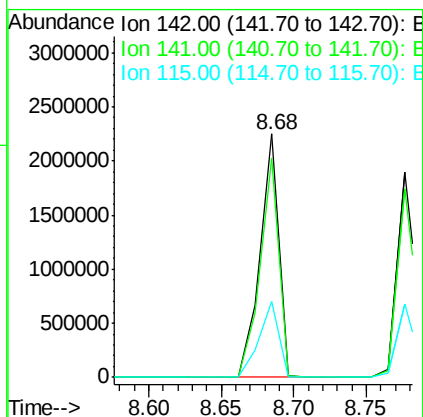
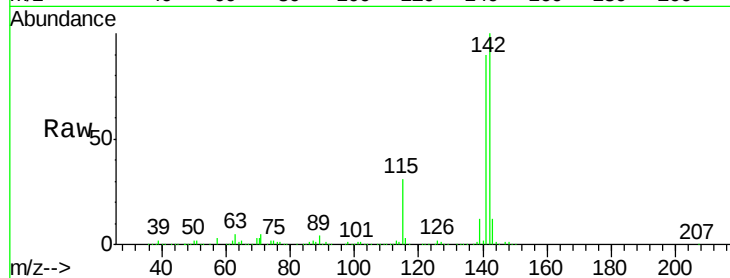




#37
2-Methylnaphthalene
Concen: 28.85 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

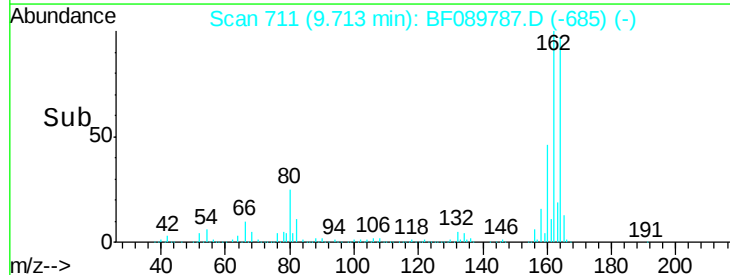
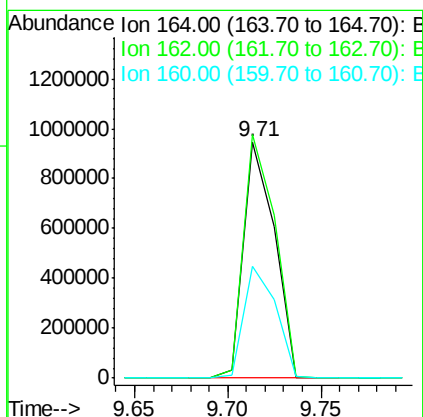
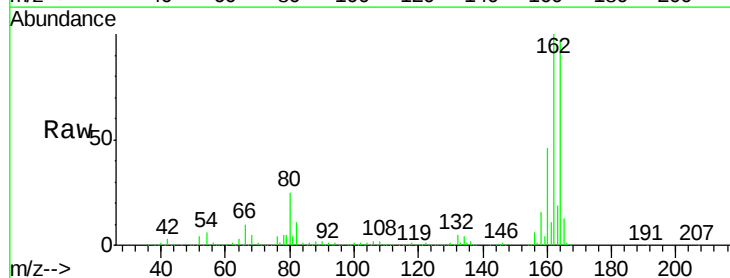
Instrument :
BNA_F
ClientSampleId :

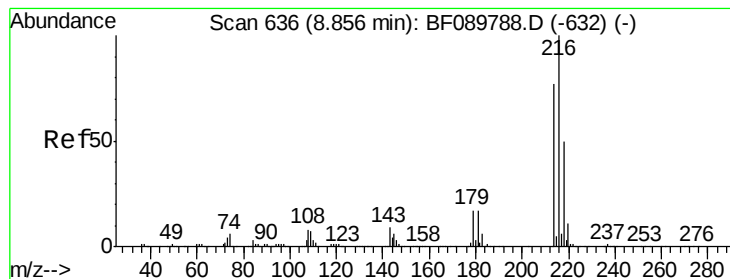
Tot Ion:142 Resp: 2023292
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 31.1 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:164 Resp: 1090743
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.2
160 47.2 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.44 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089787.D

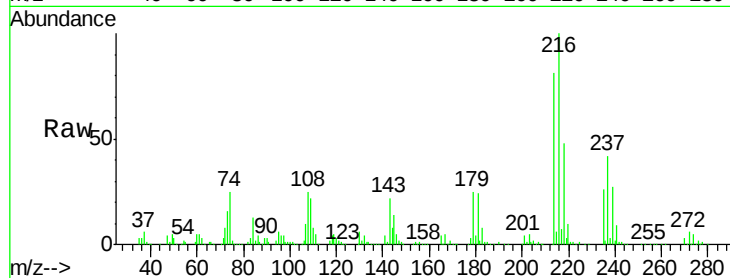
Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	891917
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.5 95.3
179	22.3	19.9 29.9
108	20.7	19.9 29.9

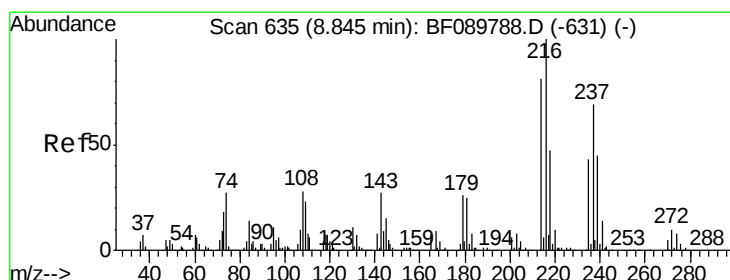
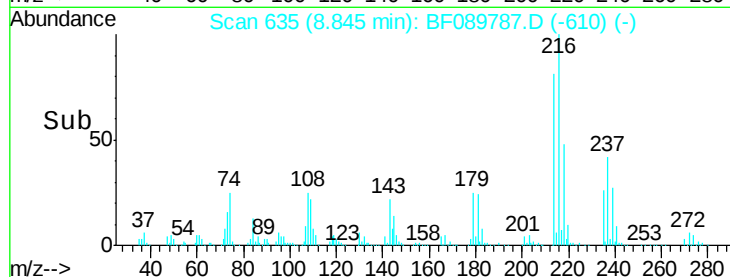
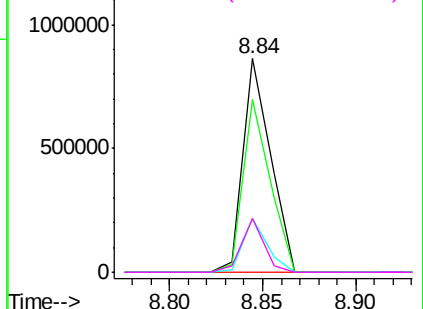


Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.21 ng

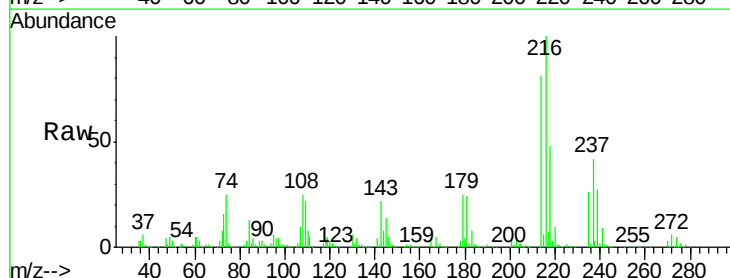
RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

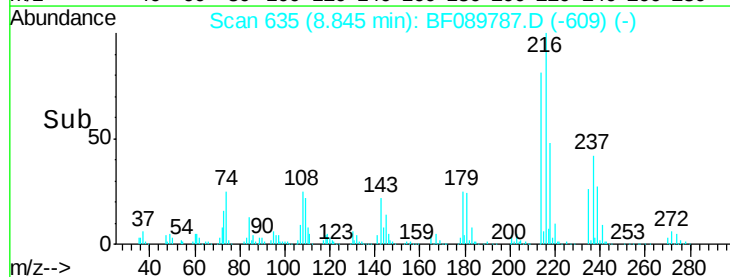
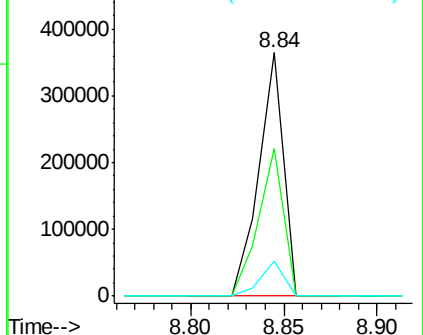
Tgt Ion:237	Resp:	331422
Ion Ratio	Lower	Upper
237	100	
235	60.4	43.7 83.7
272	14.5	0.0 31.6

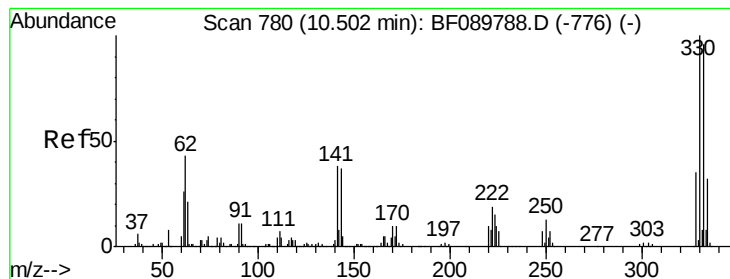


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

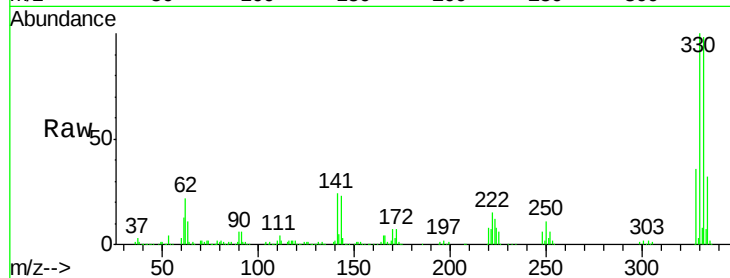




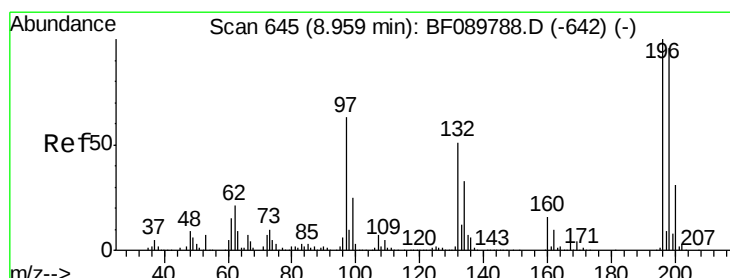
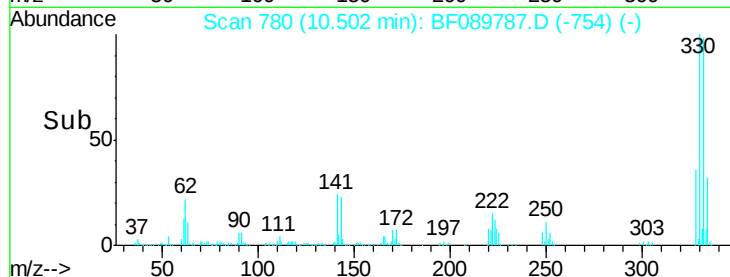
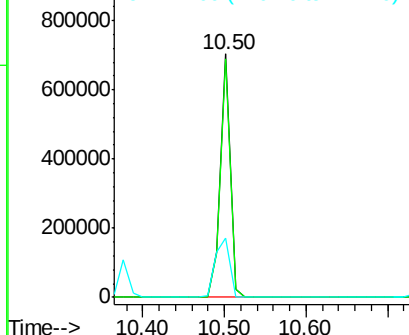
#41
 2,4,6-Tribromophenol
 Concen: 56.46 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 595780
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.7 115.1
 141 35.9 30.2 45.2

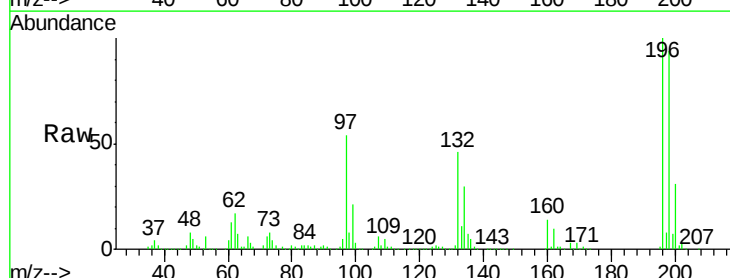


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

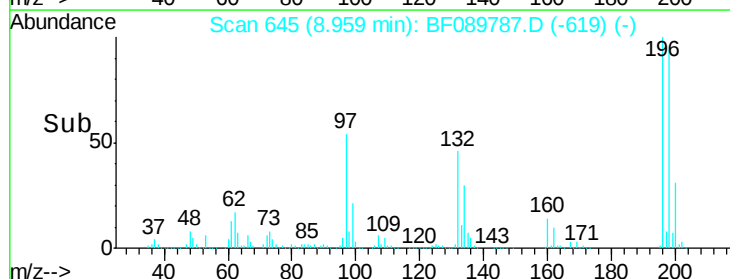
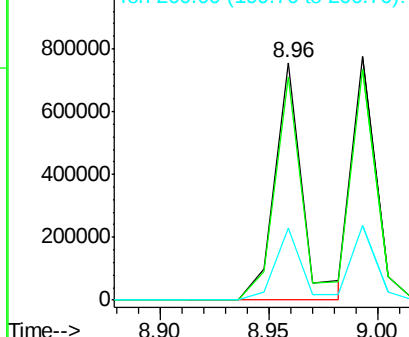


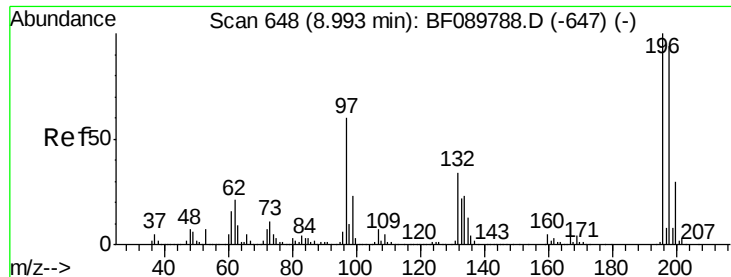
#42
 2,4,6-Trichlorophenol
 Concen: 29.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:196 Resp: 665552
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 30.6 24.6 36.8



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

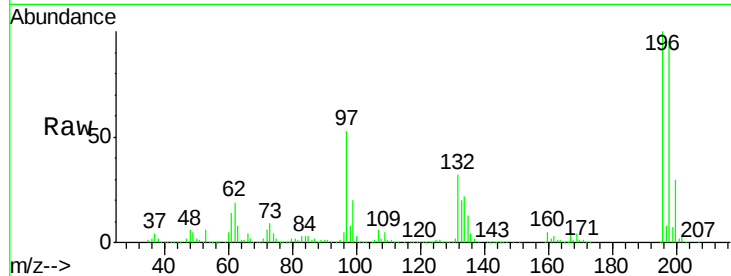




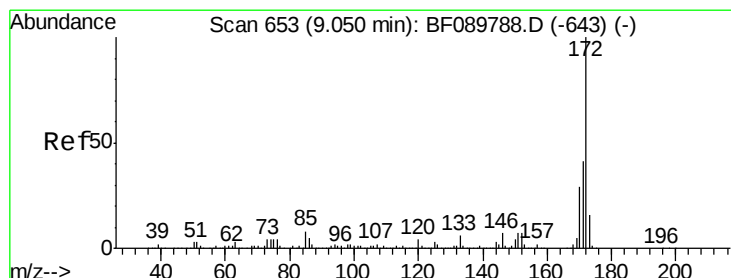
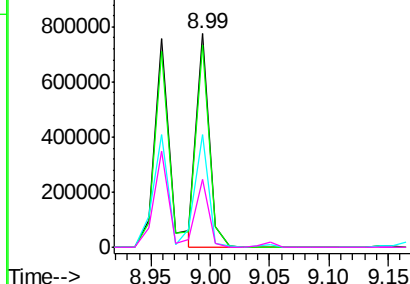
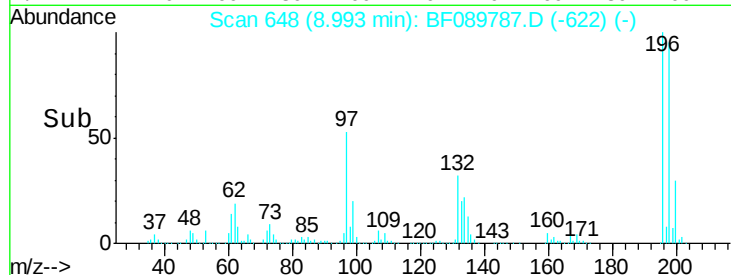
#43
 2,4,5-Trichlorophenol
 Concen: 27.31 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 589752
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 53.0 35.8 53.8
 132 31.8 23.5 35.3

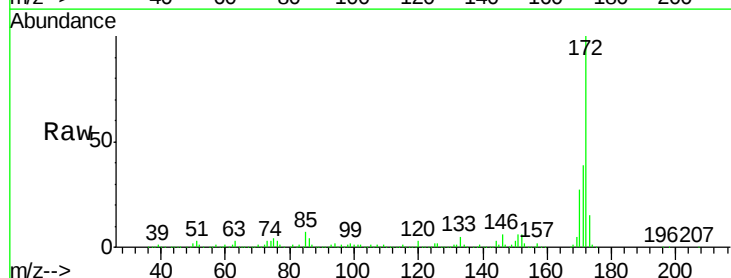


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

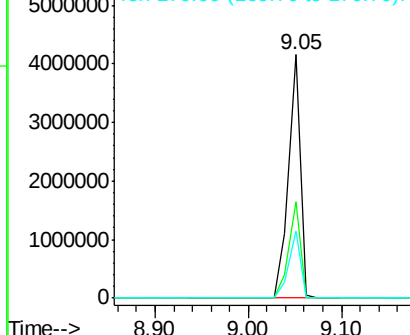
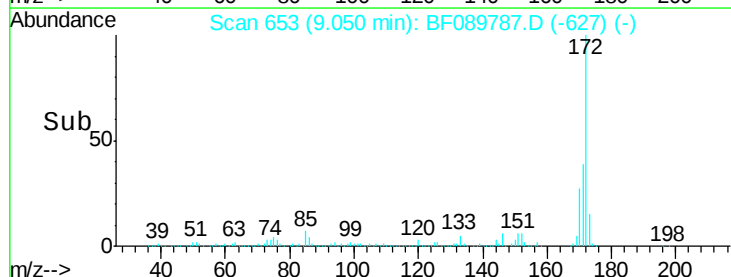


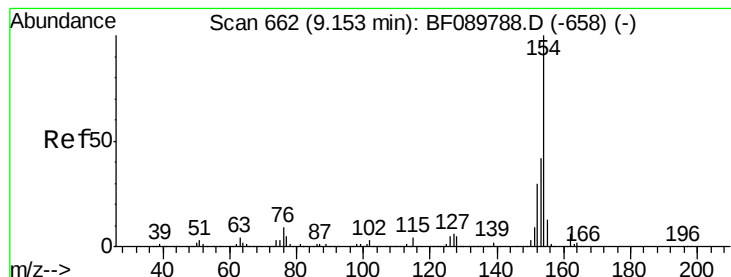
#44
 2-Fluorobiphenyl
 Concen: 53.75 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:172 Resp: 3653418
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.5 45.7
 170 27.3 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: 24.12 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

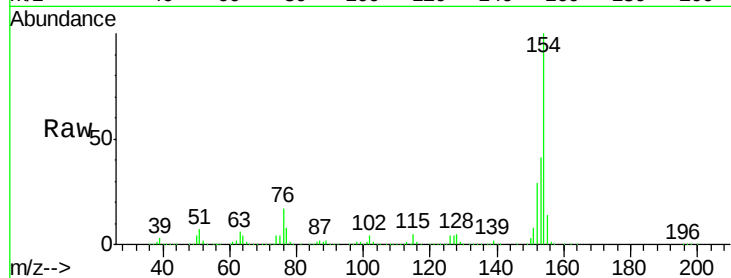
Tot Ion:154 Resp: 2178653

Ion Ratio Lower Upper

154 100

153 41.0 21.5 61.5

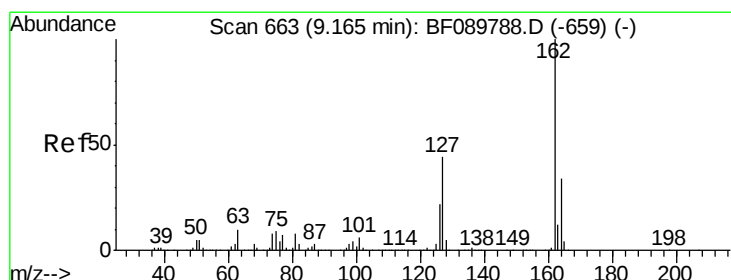
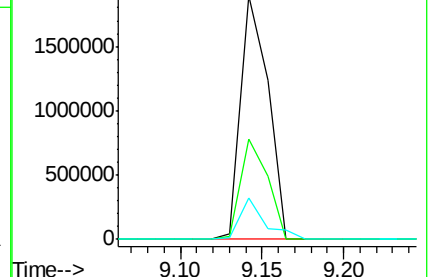
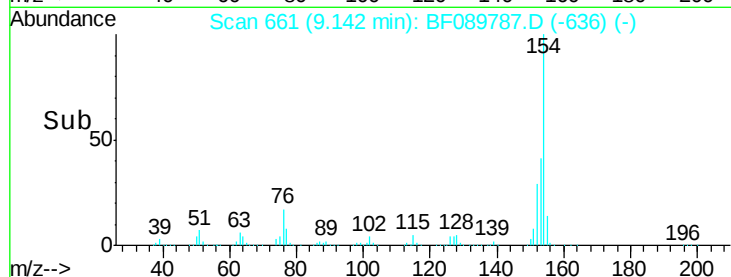
76 17.0 0.0 36.7



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: 26.63 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

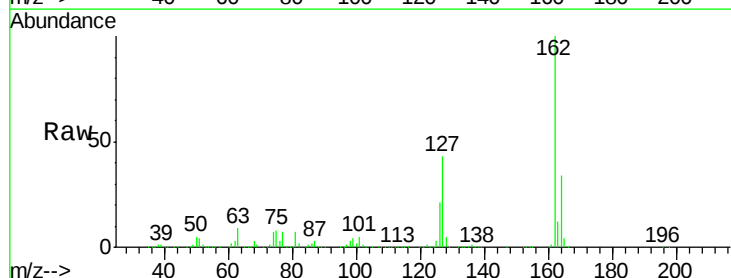
Tgt Ion:162 Resp: 1802427

Ion Ratio Lower Upper

162 100

127 42.9 35.5 53.3

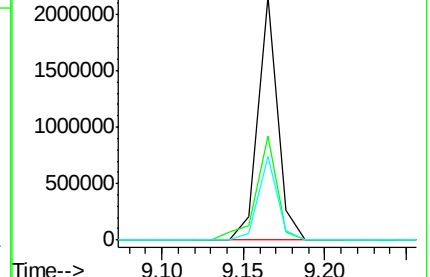
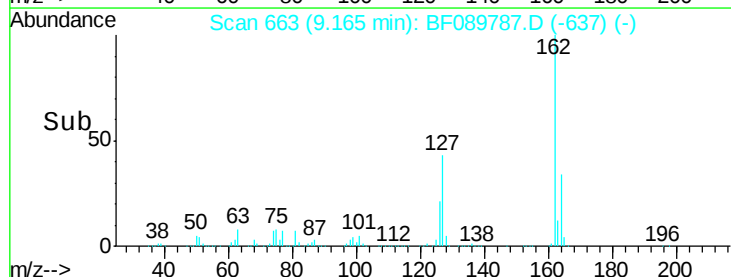
164 34.4 26.6 40.0

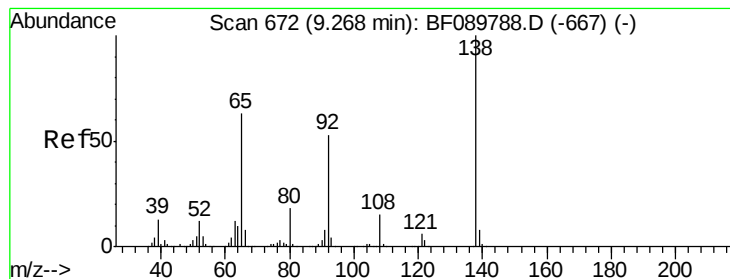


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 23.25 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

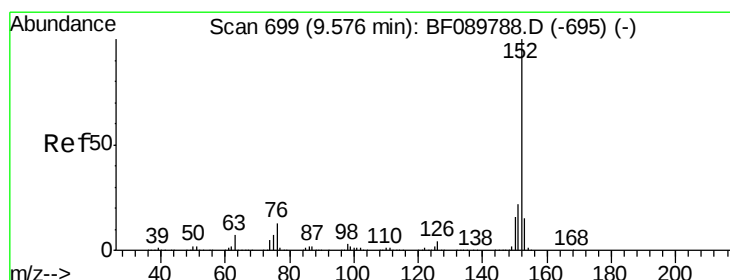
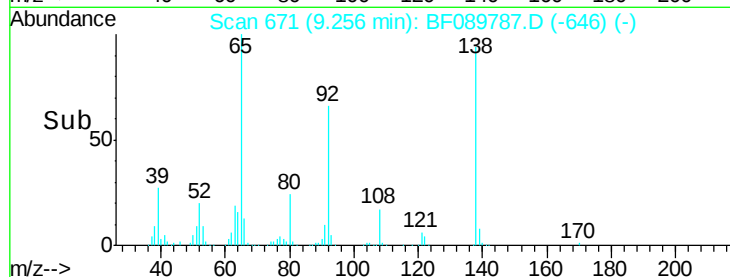
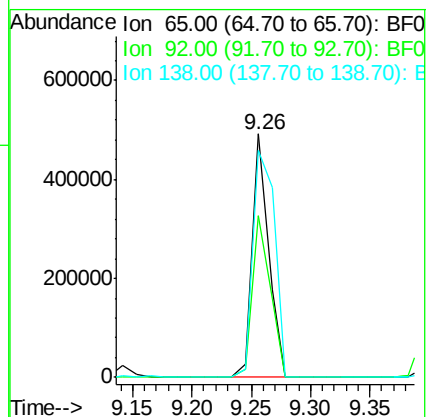
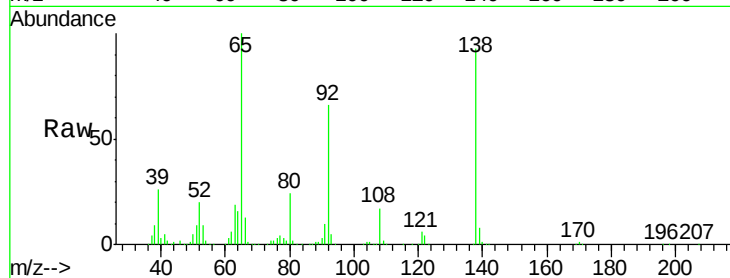
Tot Ion: 65 Resp: 479521

Ion Ratio Lower Upper

65 100

92 66.4 56.3 84.5

138 93.5 81.8 122.8



#48

Acenaphthylene

Concen: 26.59 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

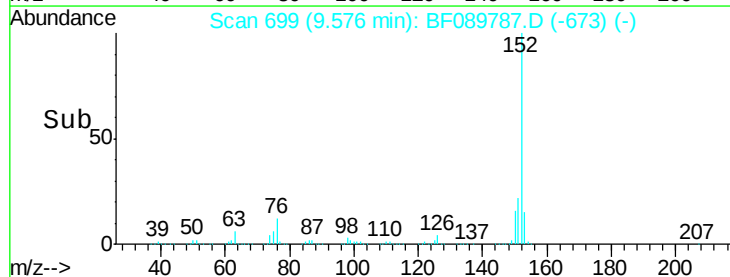
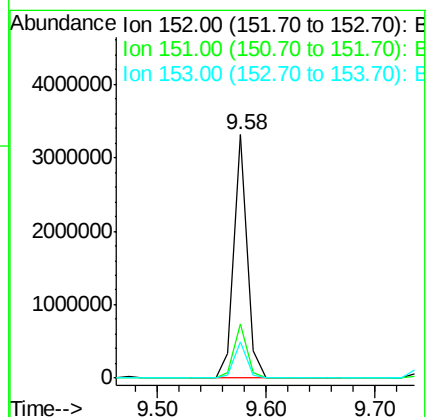
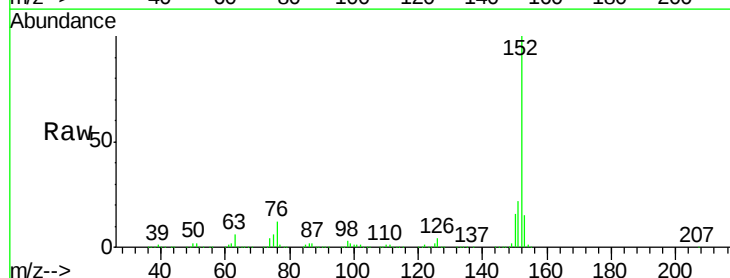
Tgt Ion: 152 Resp: 2771235

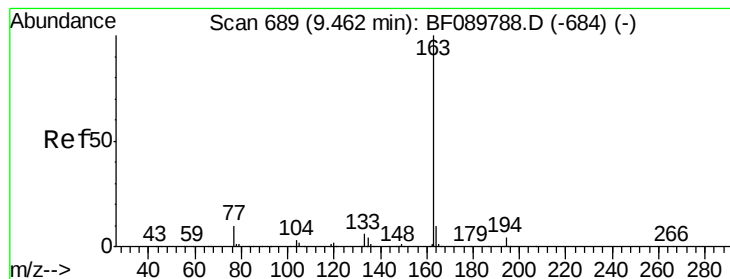
Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

153 14.7 11.2 16.8





#49

Dimethylphthalate

Concen: 25.08 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

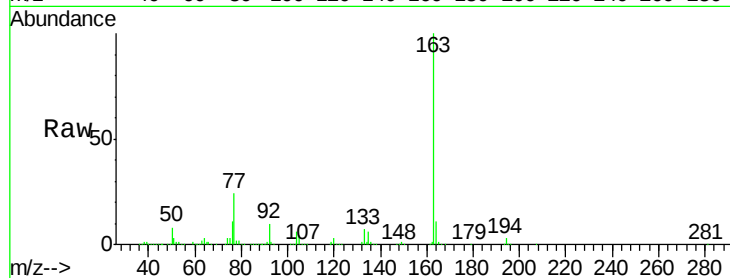
Tot Ion:163 Resp: 1979480

Ion Ratio Lower Upper

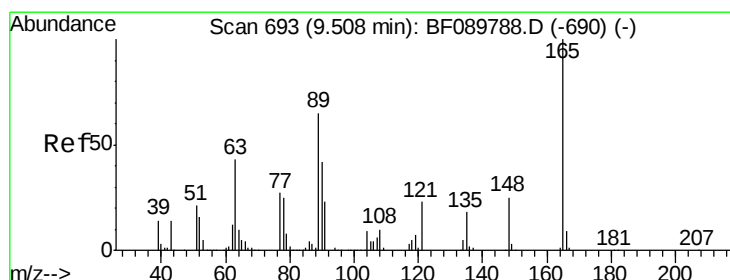
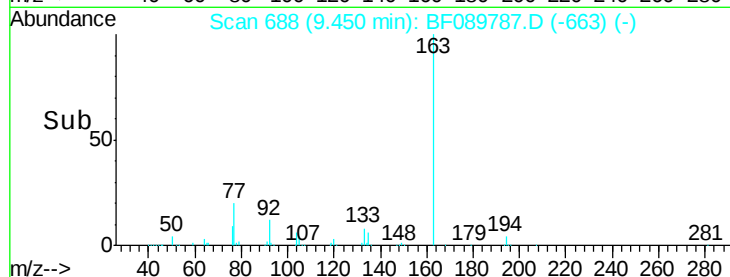
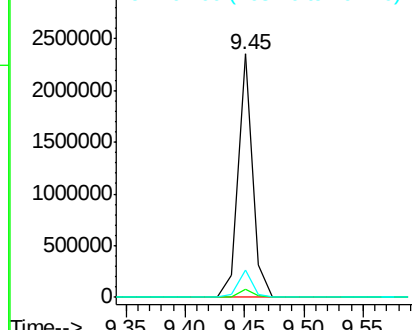
163 100

194 3.3 2.6 3.8

164 11.1 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: 28.26 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

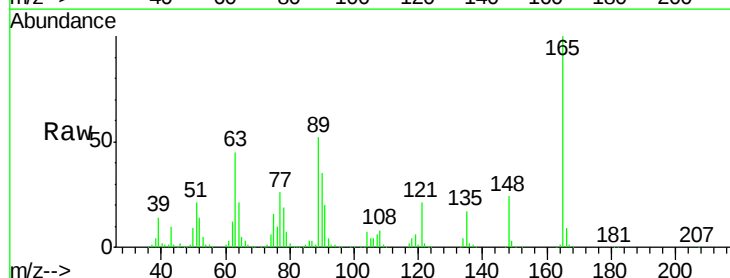
Tgt Ion:165 Resp: 504726

Ion Ratio Lower Upper

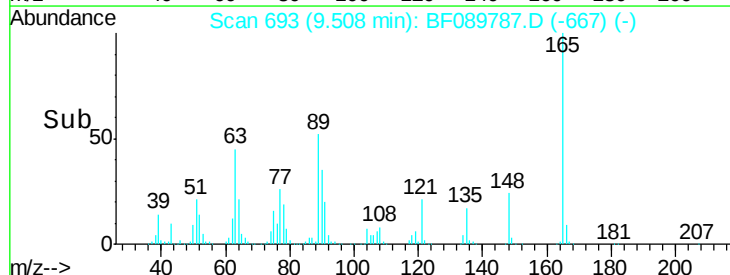
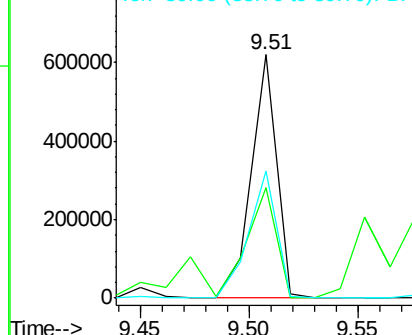
165 100

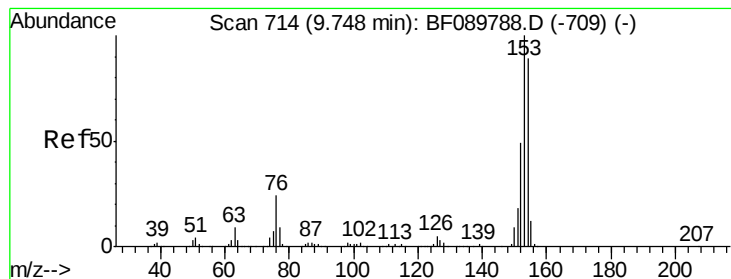
63 45.3 41.7 62.5

89 52.2 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: 24.90 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

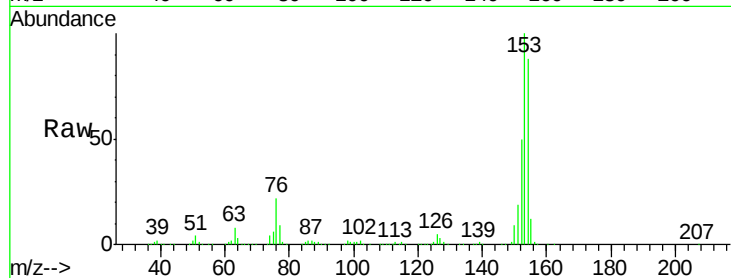
Tot Ion:154 Resp: 1750569

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

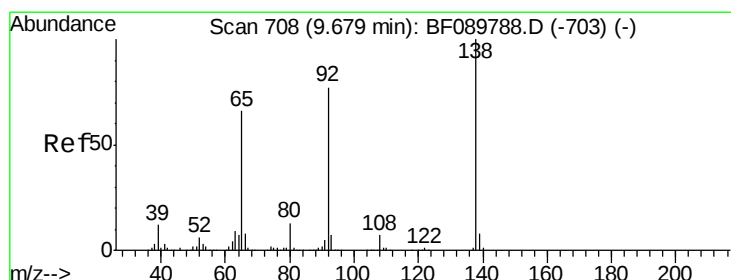
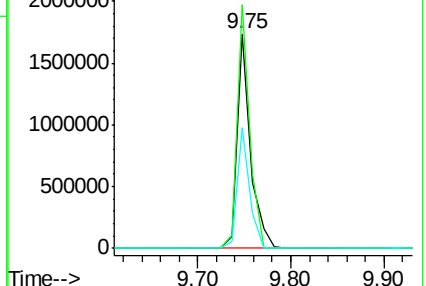
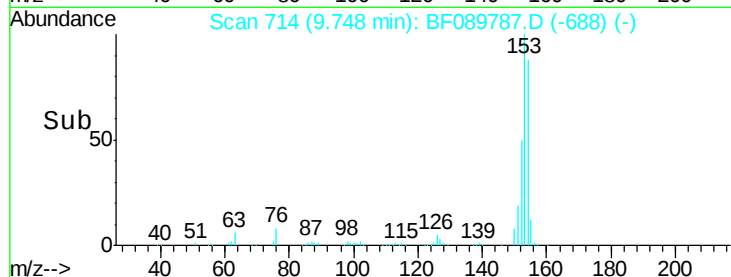
152 56.3 44.6 67.0



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: 23.33 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

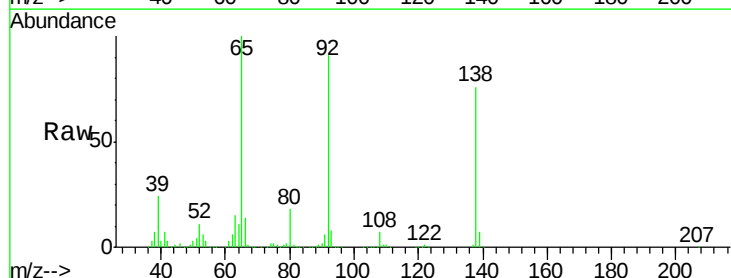
Tgt Ion:138 Resp: 484584

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

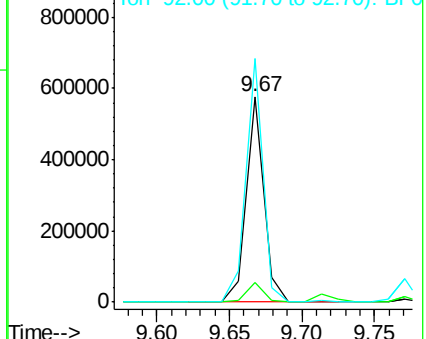
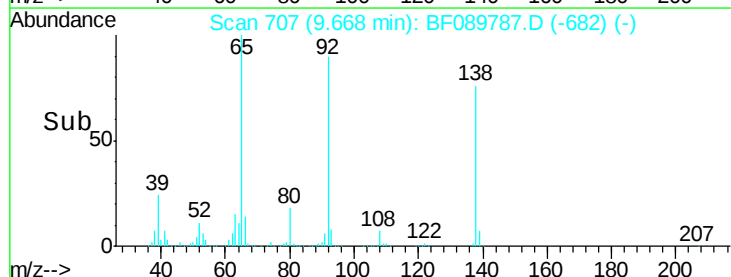
92 118.6 92.7 139.1

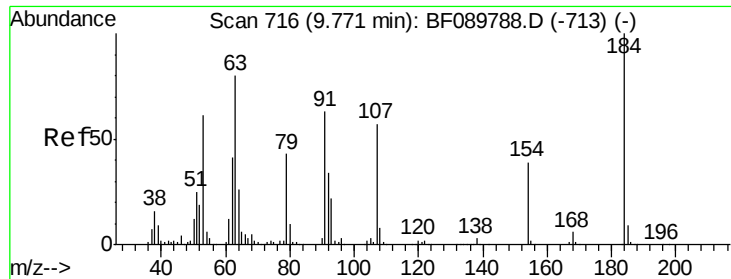


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

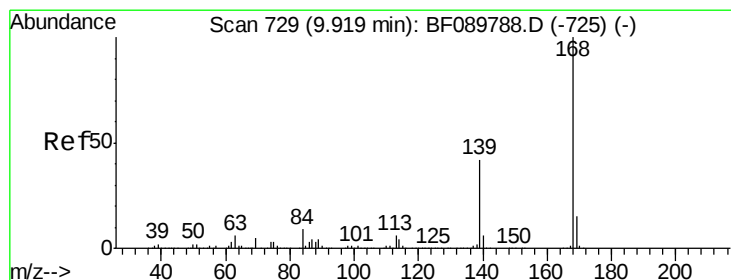
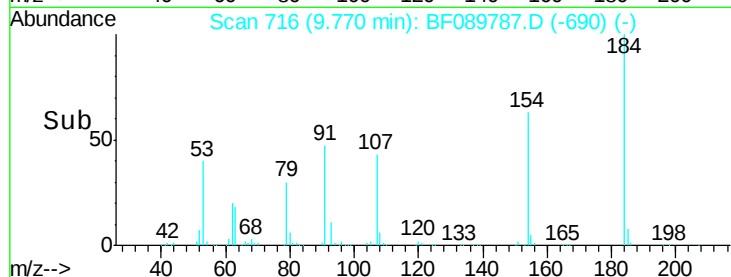
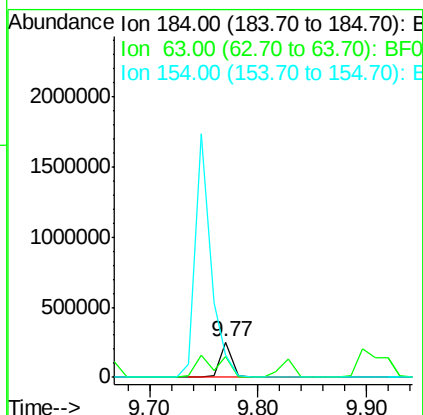
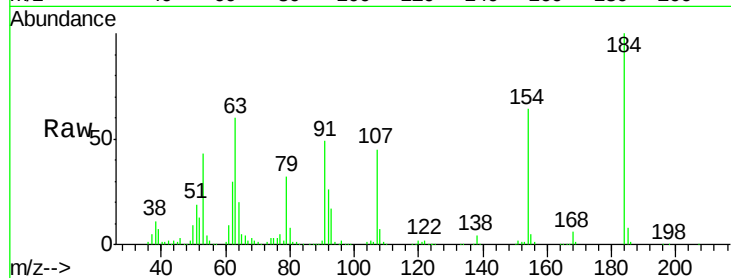




#53
2,4-Dinitrophenol
Concen: 31.17 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

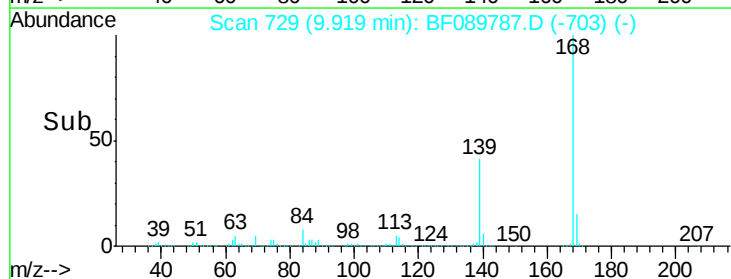
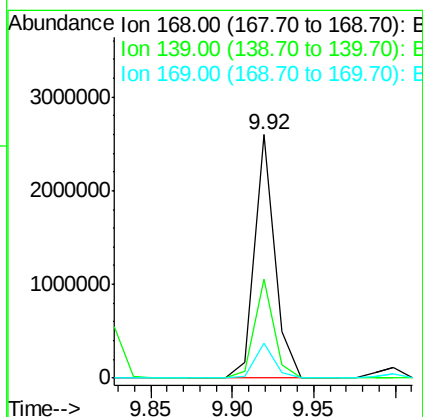
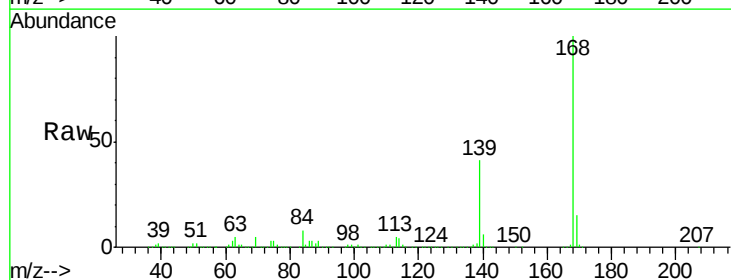
Instrument :
BNA_F
ClientSampled :

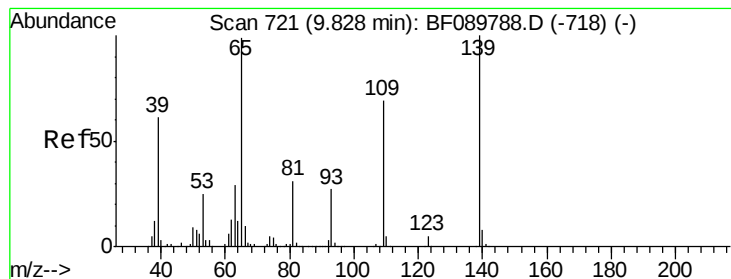
Tot Ion:184 Resp: 197795
Ion Ratio Lower Upper
184 100
63 59.9 54.2 81.4
154 63.7 52.7 79.1



#54
Dibenzofuran
Concen: 25.85 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:168 Resp: 2237076
Ion Ratio Lower Upper
168 100
139 40.9 34.6 52.0
169 14.6 11.5 17.3





#55

4-Nitrophenol

Concen: 28.93 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

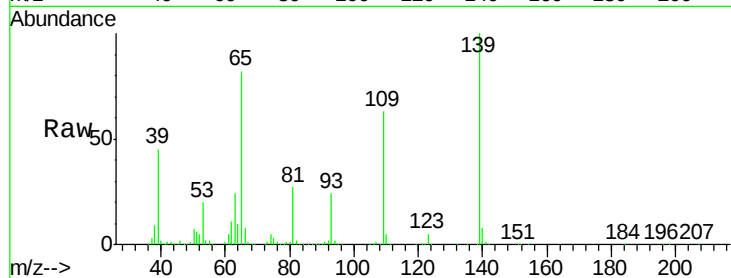
Tot Ion:139 Resp: 462204

Ion Ratio Lower Upper

139 100

109 62.9 43.0 83.0

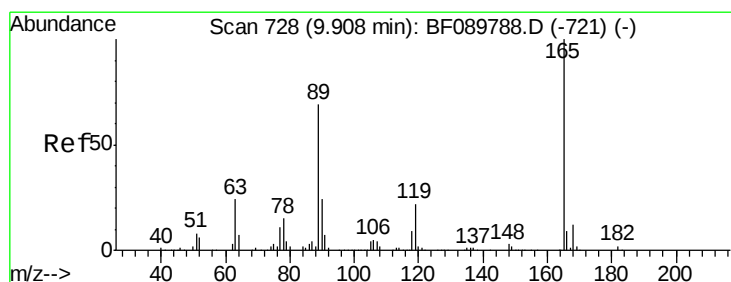
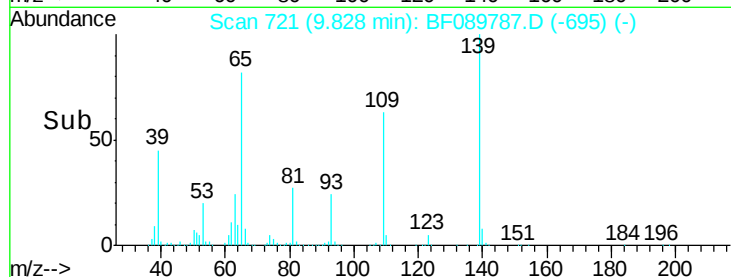
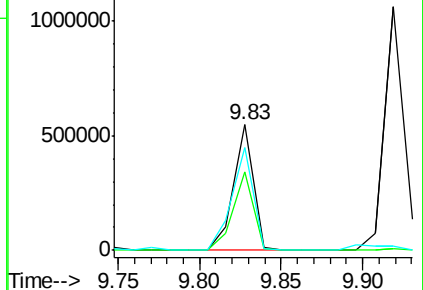
65 81.8 55.7 95.7



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: 27.26 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:165 Resp: 625886

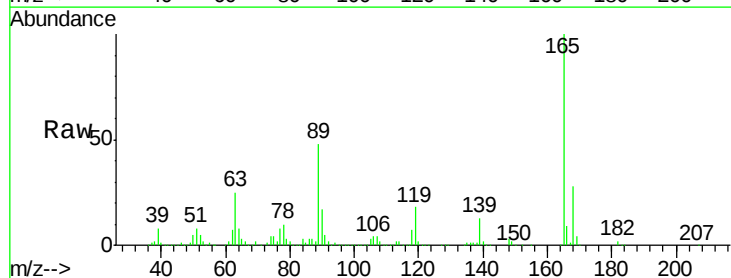
Ion Ratio Lower Upper

165 100

63 24.5 23.7 35.5

89 48.4 44.0 66.0

182 2.3 2.0 3.0

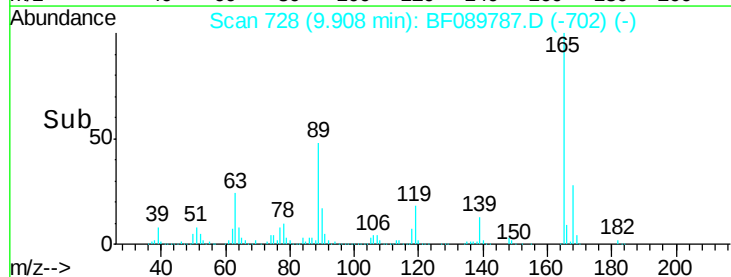
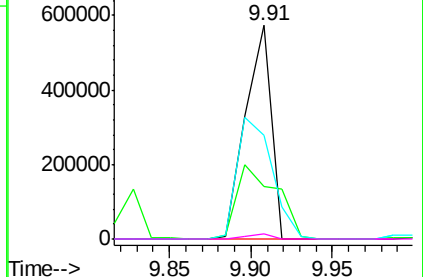


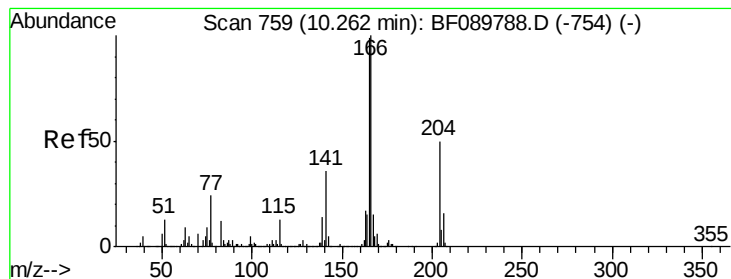
Abundance Ion 165.00 (164.70 to 165.70): E

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: 26.92 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

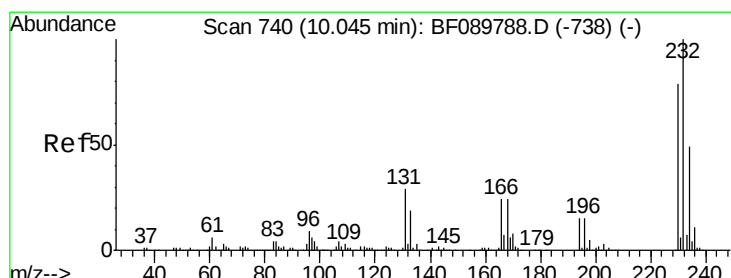
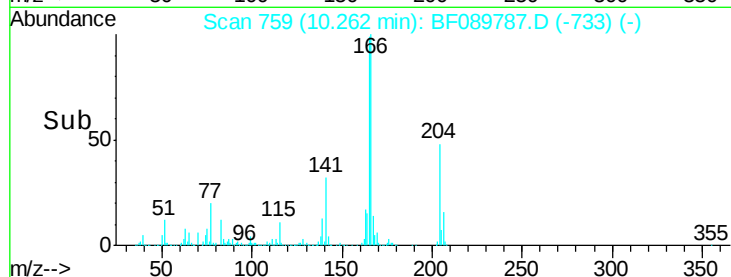
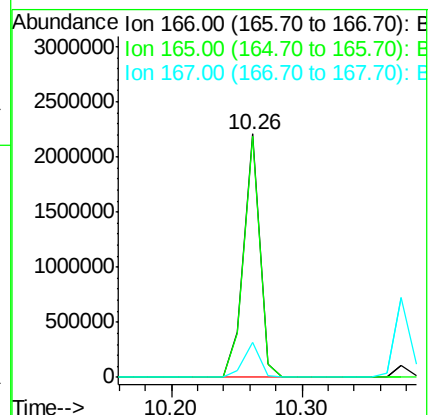
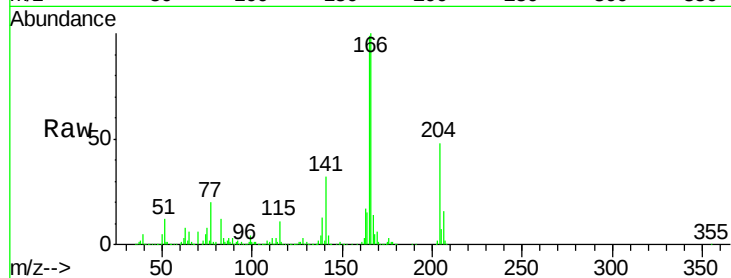
Tot Ion:166 Resp: 1882131

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.4

167 14.4 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.50 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:232 Resp: 413328

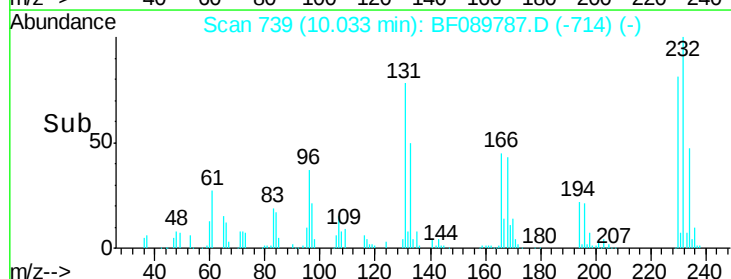
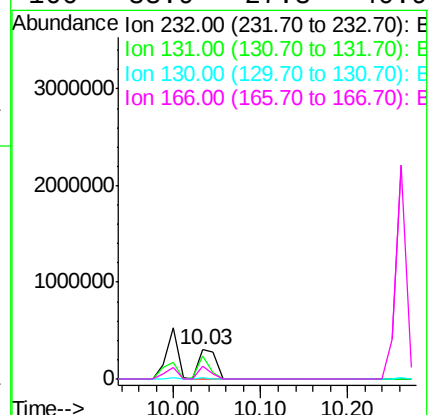
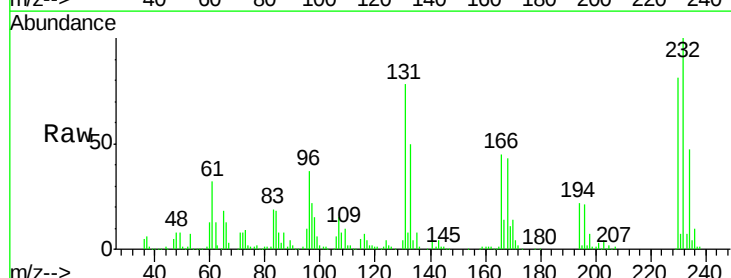
Ion Ratio Lower Upper

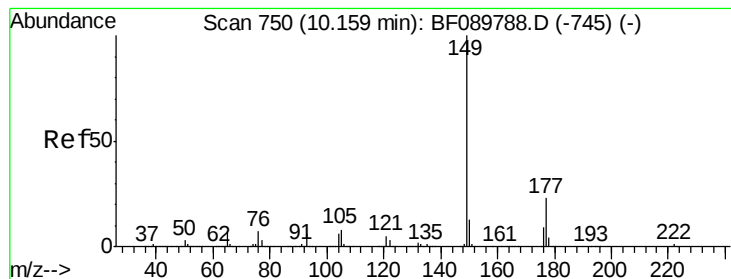
232 100

131 52.6 42.5 63.7

130 2.5 2.2 3.4

166 33.9 27.3 40.9





#59

Diethylphthalate

Concen: 26.10 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

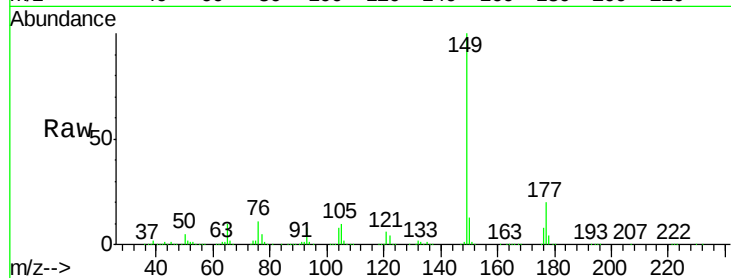
Tot Ion:149 Resp: 2088366

Ion Ratio Lower Upper

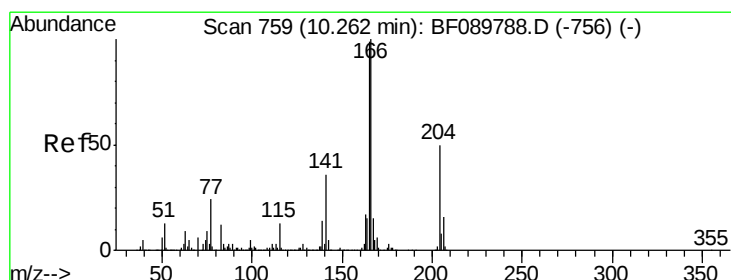
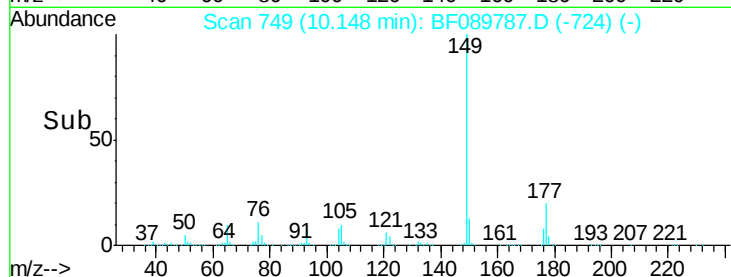
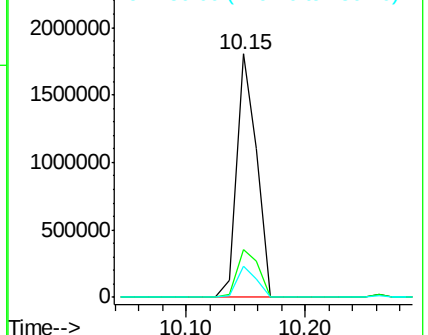
149 100

177 19.6 16.6 25.0

150 12.9 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: 25.05 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

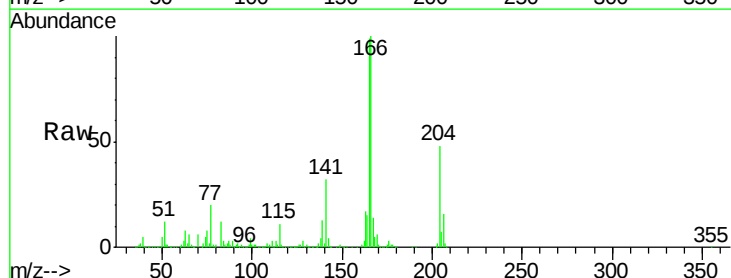
Tgt Ion:204 Resp: 859877

Ion Ratio Lower Upper

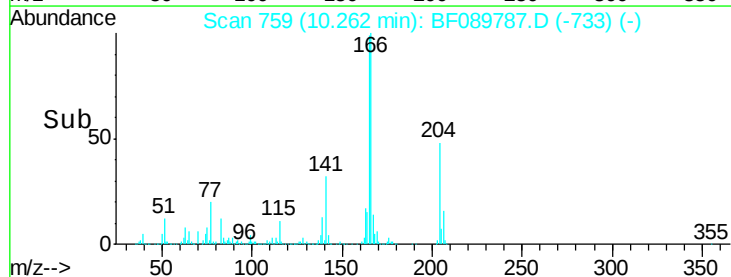
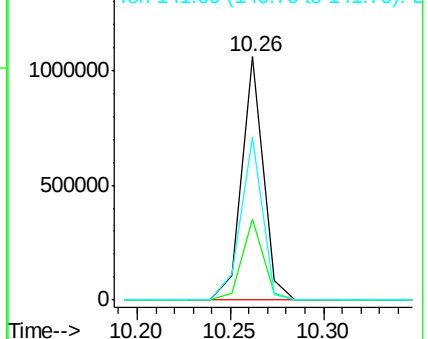
204 100

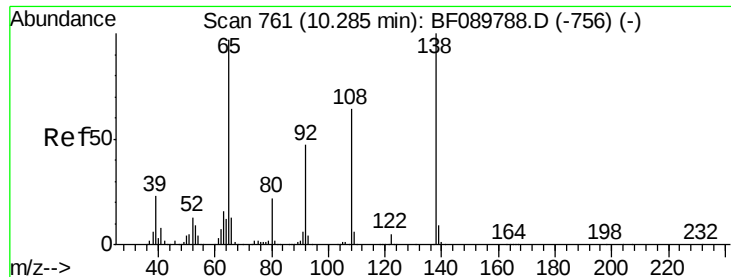
206 33.5 26.5 39.7

141 67.0 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

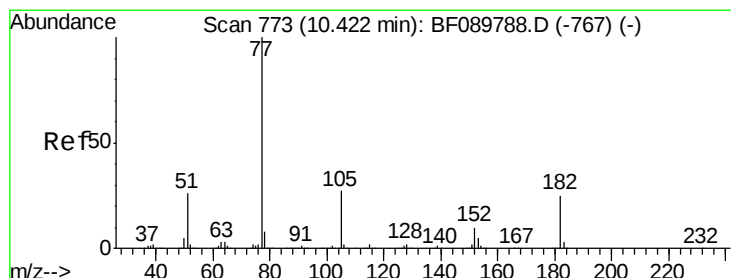
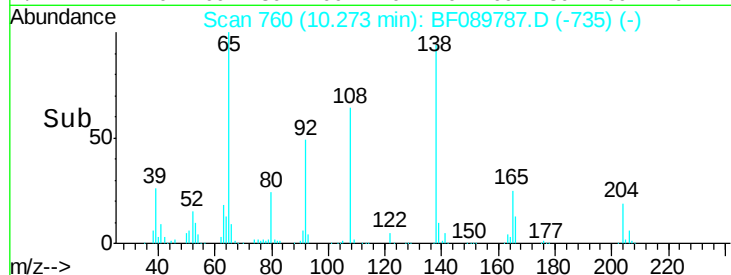
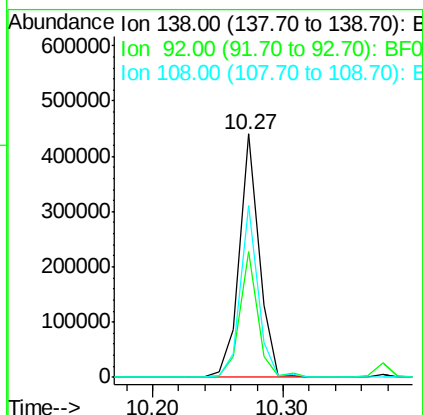
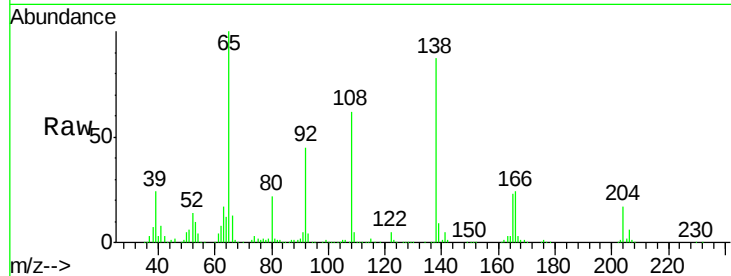




#61
4-Nitroaniline
Concen: 22.94 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

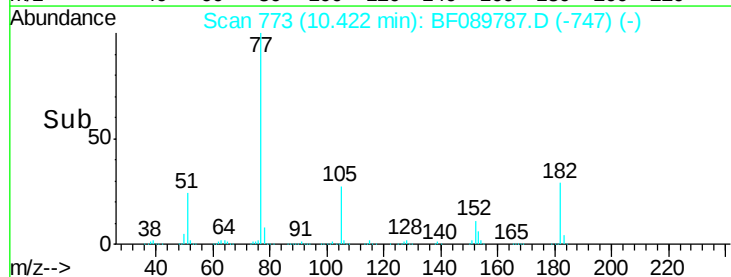
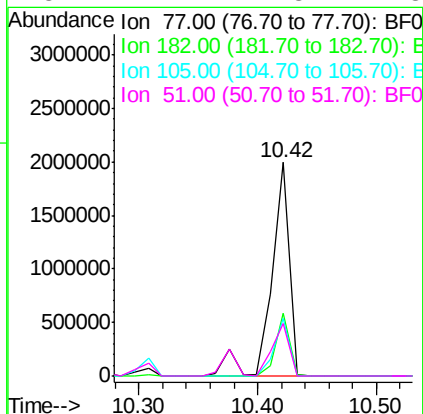
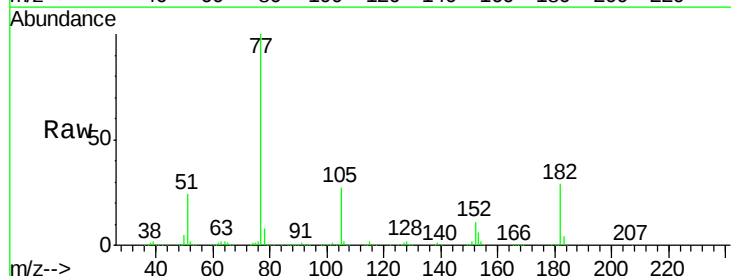
Instrument :
BNA_F
ClientSampled :

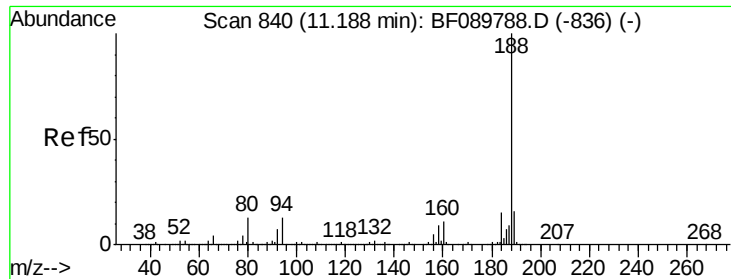
Tot Ion:138 Resp: 462516
Ion Ratio Lower Upper
138 100
92 51.9 26.4 66.4
108 70.8 47.0 87.0



#62
Azobenzene
Concen: 27.88 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion: 77 Resp: 2107803
Ion Ratio Lower Upper
77 100
182 29.3 5.6 45.6
105 27.2 4.0 44.0
51 24.4 7.8 47.8

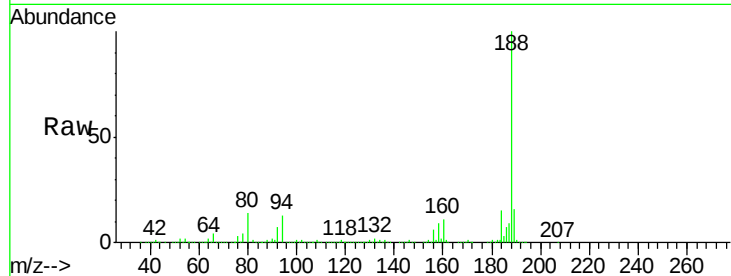




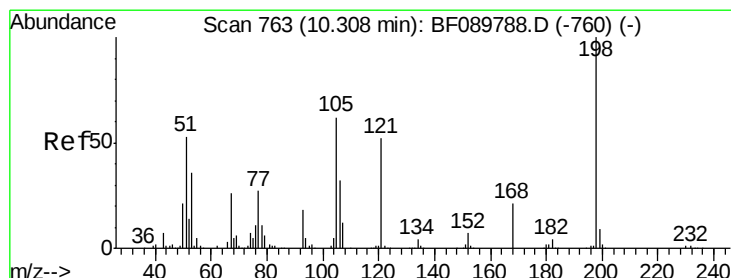
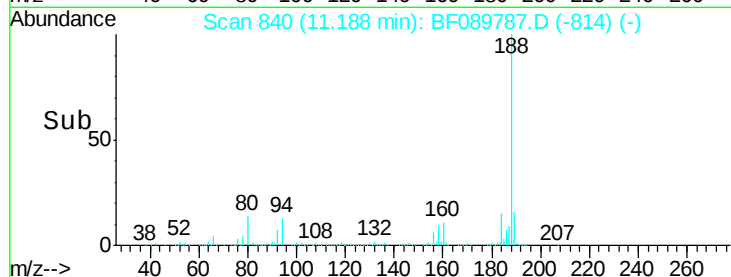
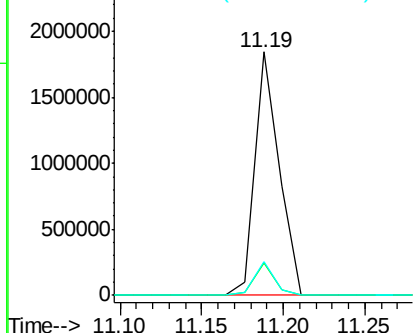
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 1907399
Ion Ratio Lower Upper
188 100
94 13.1 10.2 15.2
80 14.0 10.9 16.3

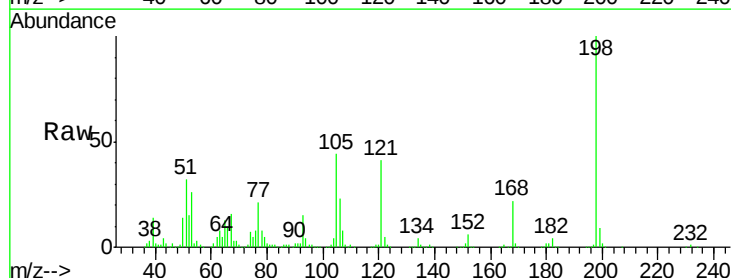


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

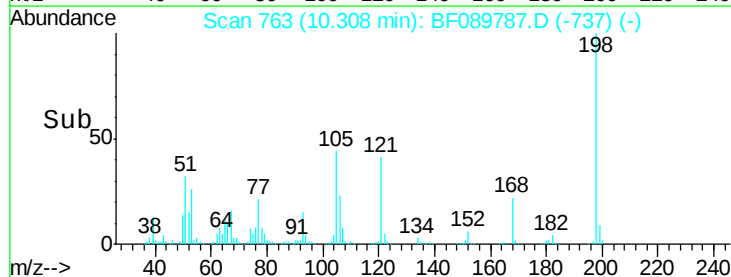
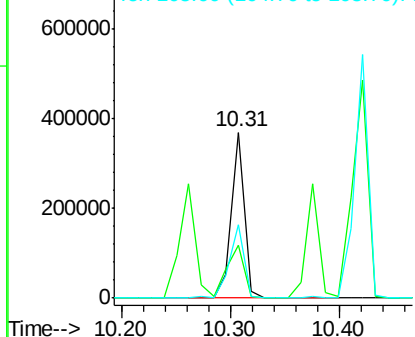


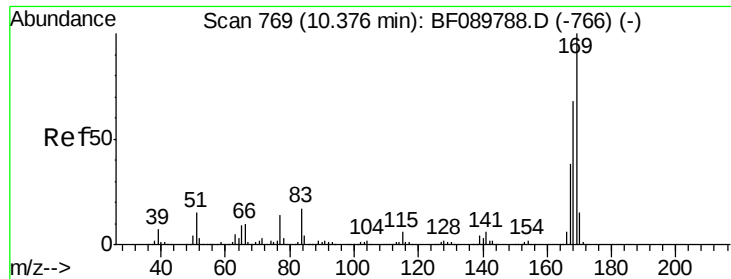
#64
4,6-Dinitro-2-methylphenol
Concen: 27.38 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:198 Resp: 303267
Ion Ratio Lower Upper
198 100
51 32.3 32.3 72.3#
105 44.0 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

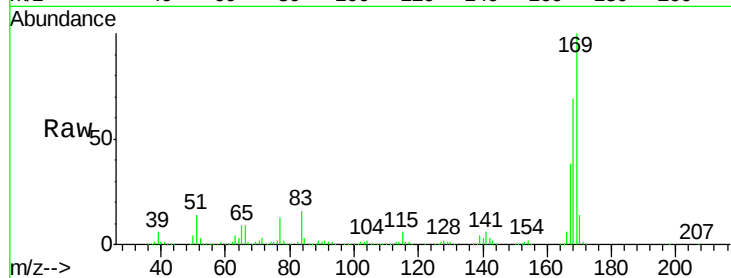




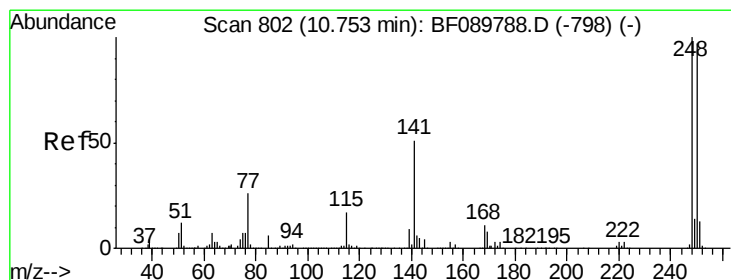
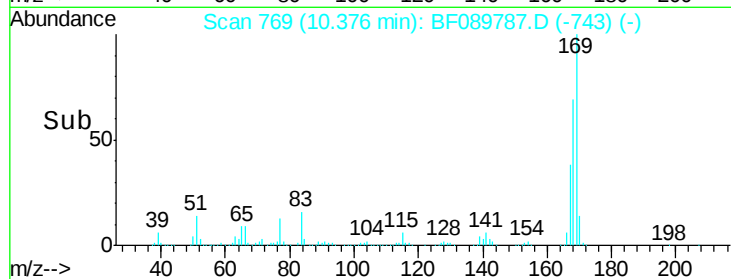
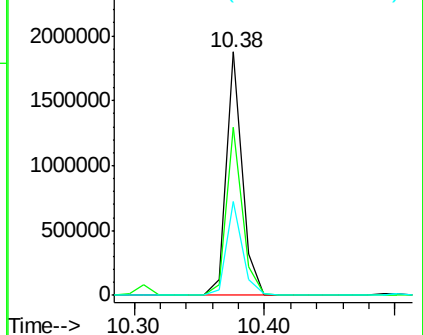
#65
 n-Nitrosodiphenylamine
 Concen: 26.59 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1591697
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.6 82.0
 167 38.3 30.6 45.8

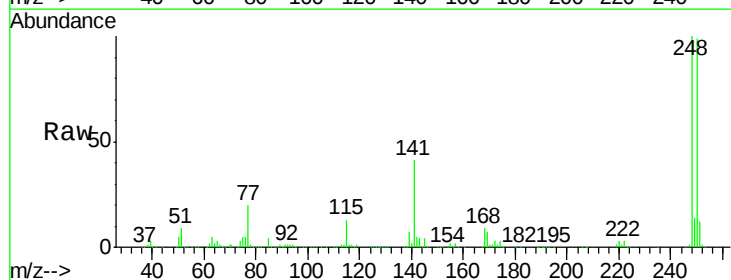


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

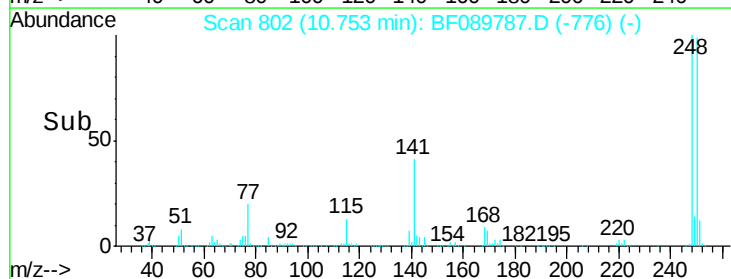
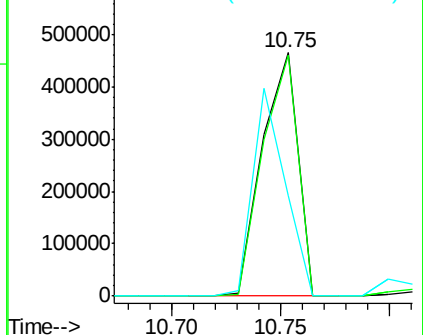


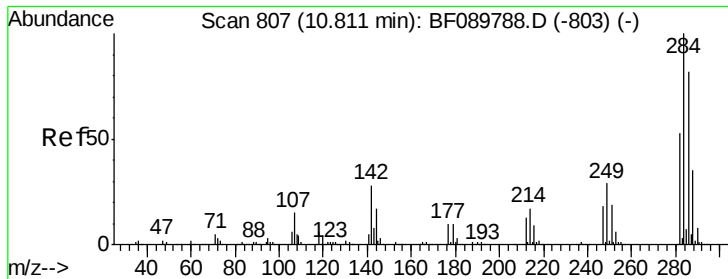
#66
 4-Bromophenyl-phenylether
 Concen: 27.18 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:248 Resp: 536997
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.6 117.8
 141 41.0 31.4 47.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

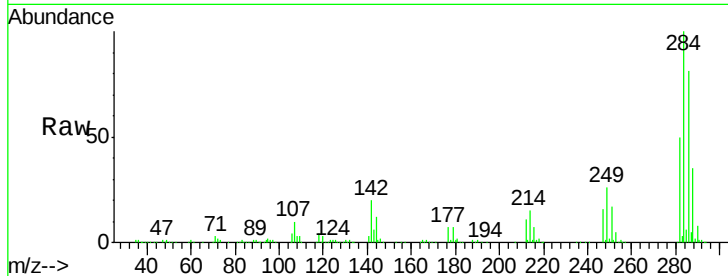




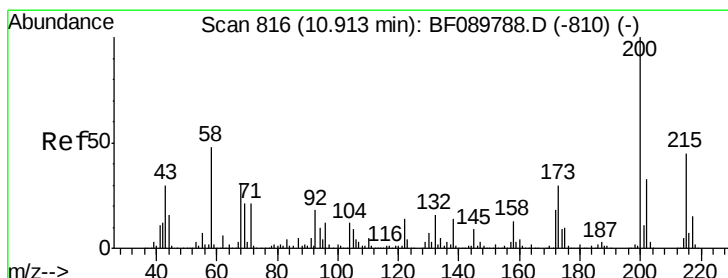
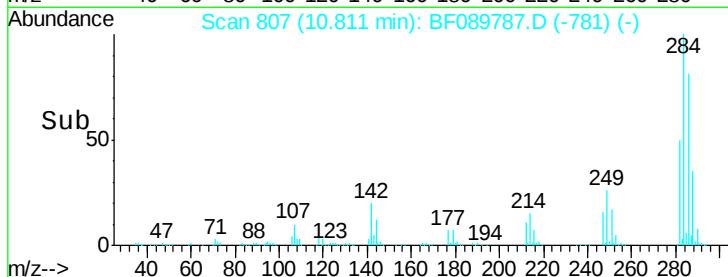
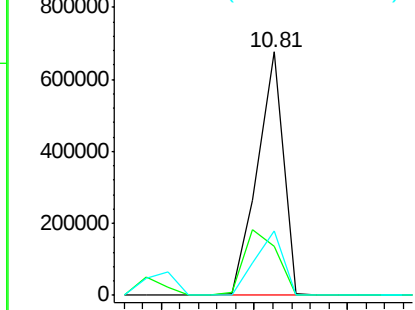
#67
Hexachlorobenzene
Concen: 29.72 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 652626
Ion Ratio Lower Upper
284 100
142 19.9 17.4 26.2
249 26.2 22.8 34.2

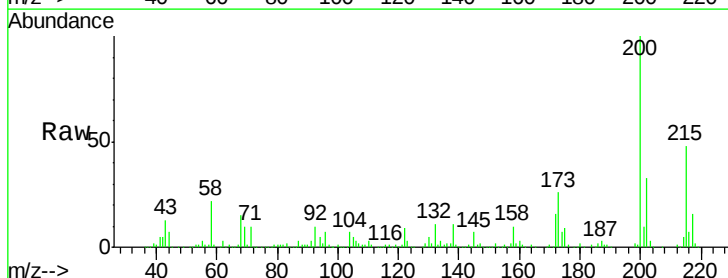


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

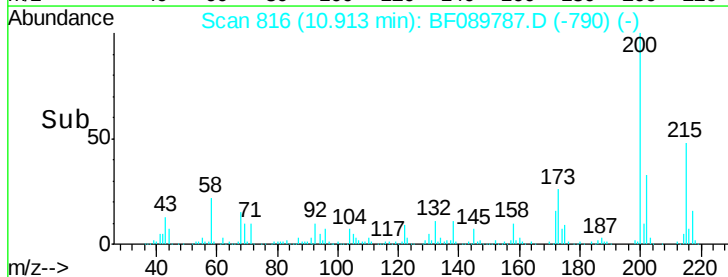
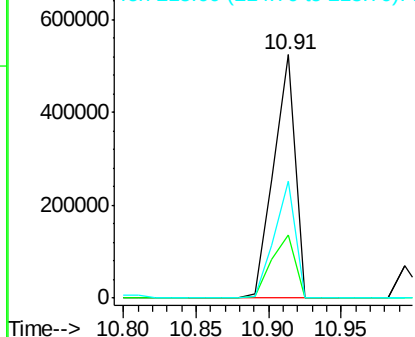


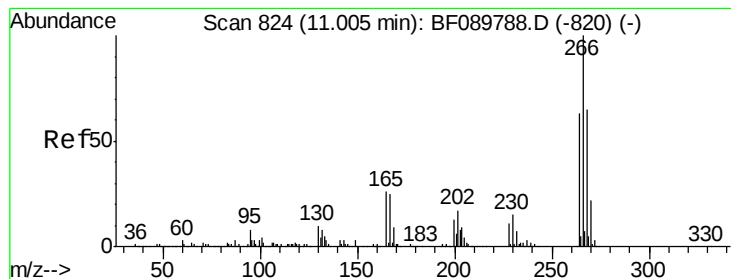
#68
Atrazine
Concen: 29.96 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:200 Resp: 543262
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 48.2 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: 25.64 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

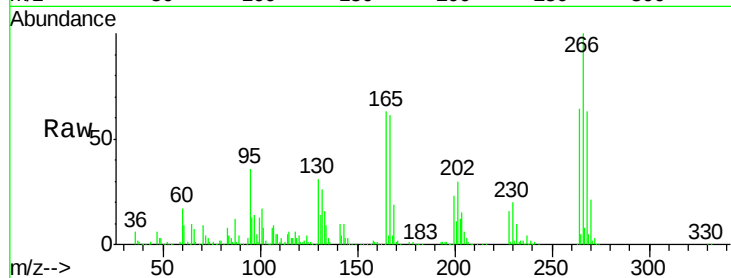
Tot Ion:266 Resp: 350794

Ion Ratio Lower Upper

266 100

268 62.7 53.2 79.8

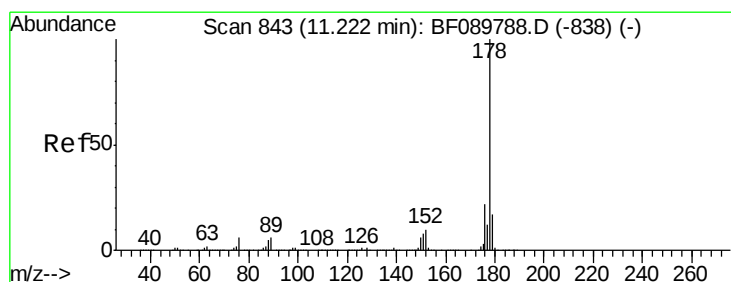
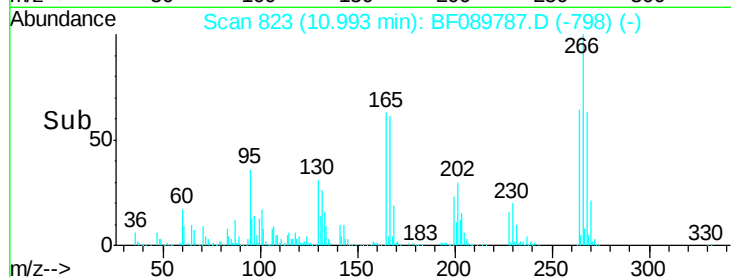
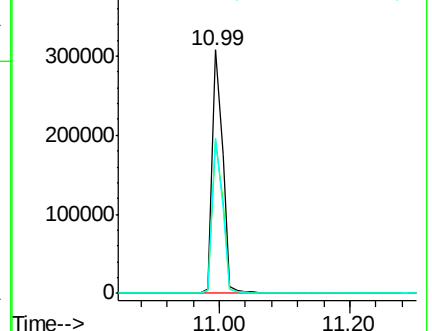
264 63.9 51.1 76.7



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: 28.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

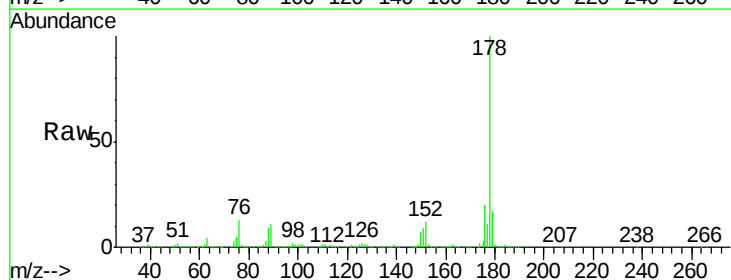
Tgt Ion:178 Resp: 2625186

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

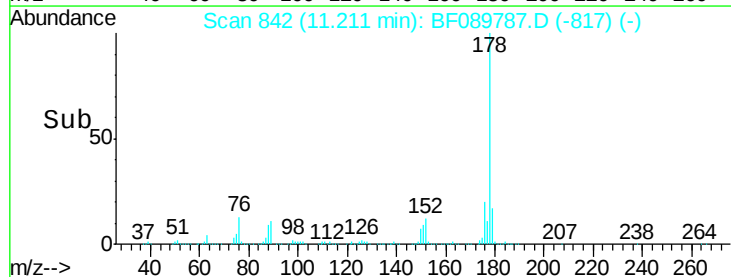
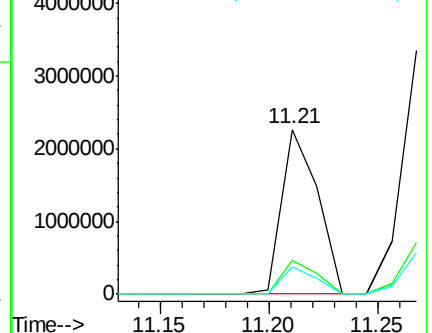
179 16.7 12.5 18.7

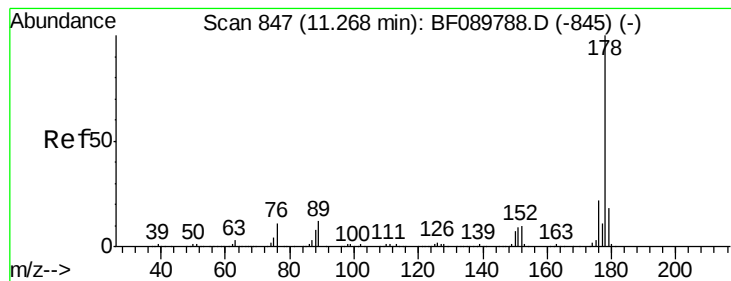


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.37 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

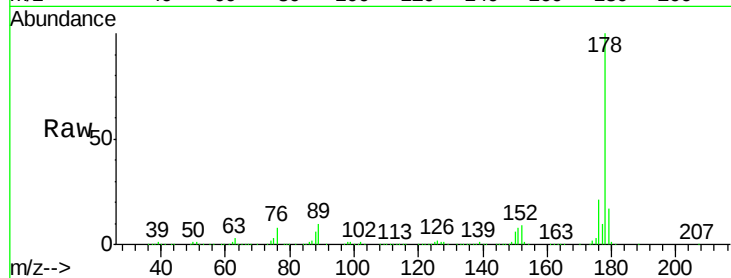
Tot Ion:178 Resp: 2877130

Ion Ratio Lower Upper

178 100

176 21.1 16.4 24.6

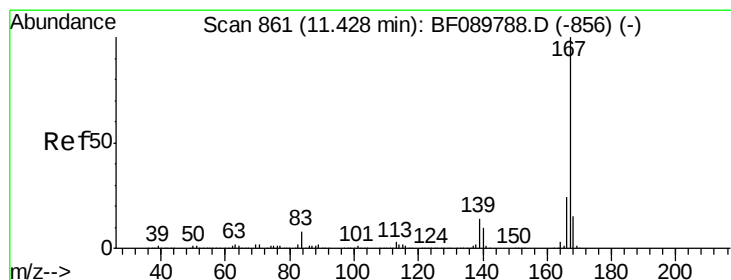
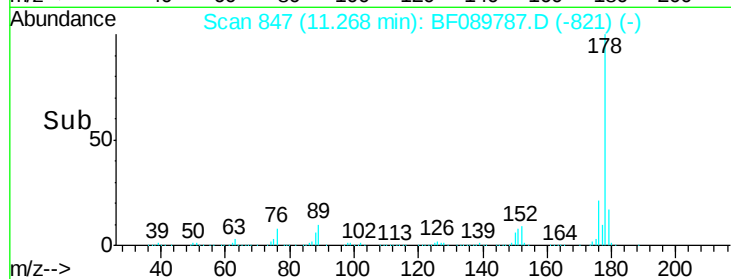
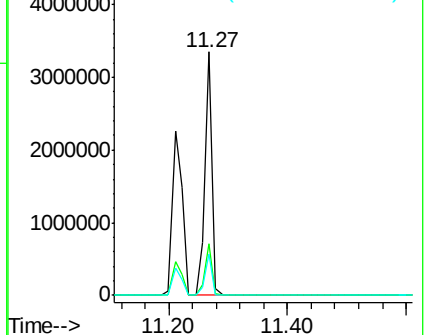
179 17.0 13.1 19.7



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: 26.25 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

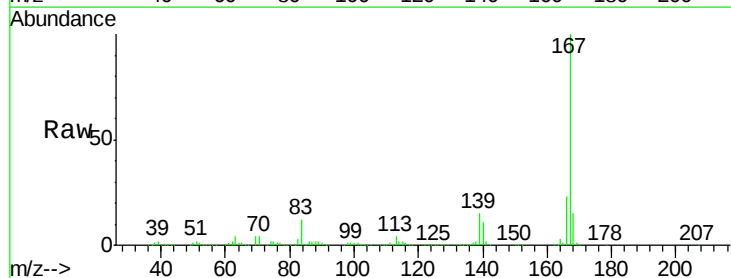
Tgt Ion:167 Resp: 2436069

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

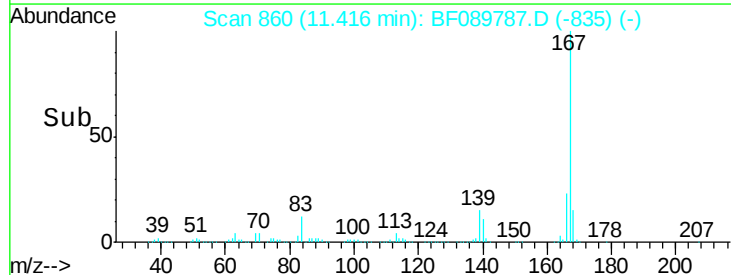
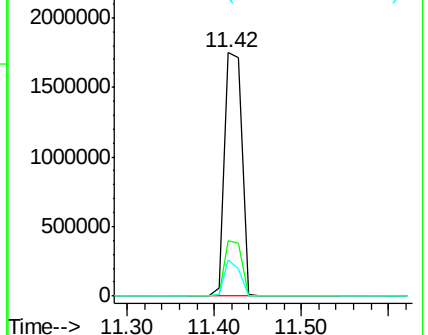
139 14.9 12.4 18.6

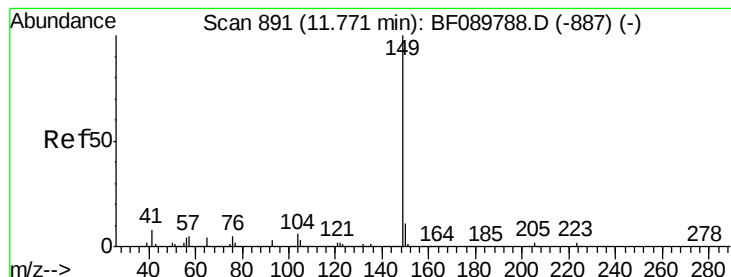


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.76 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

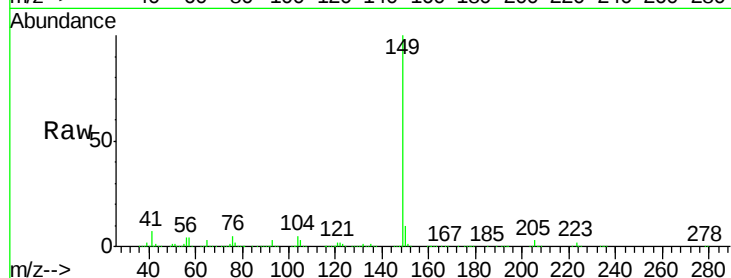
Tot Ion:149 Resp: 3021299

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

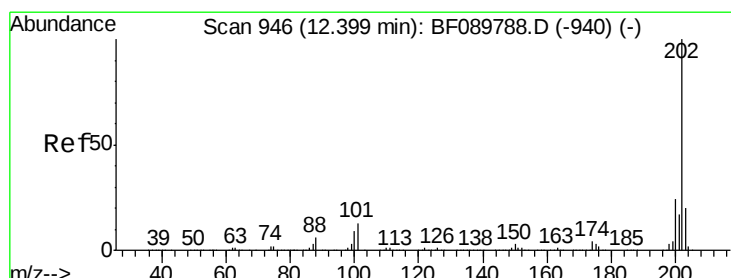
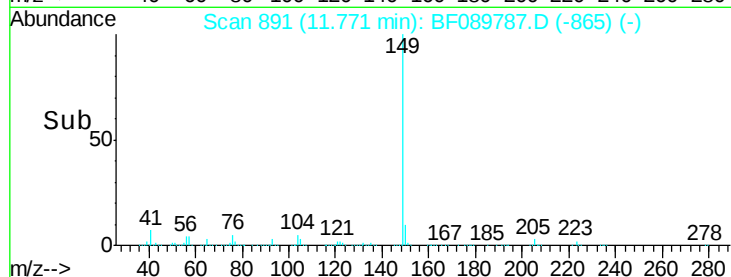
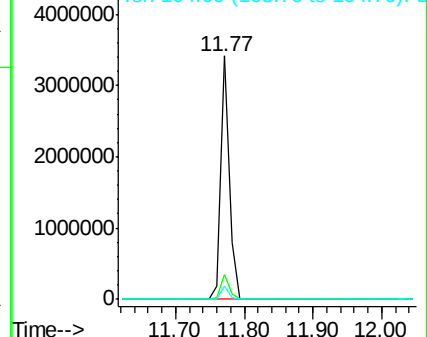
104 5.3 4.3 6.5



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: 29.13 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

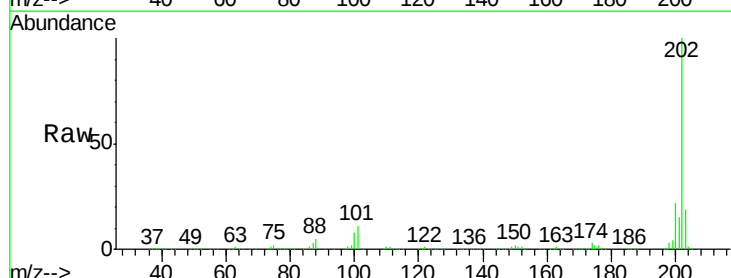
Tgt Ion:202 Resp: 2743784

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.2

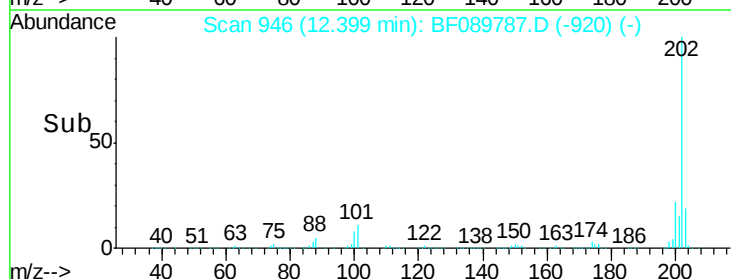
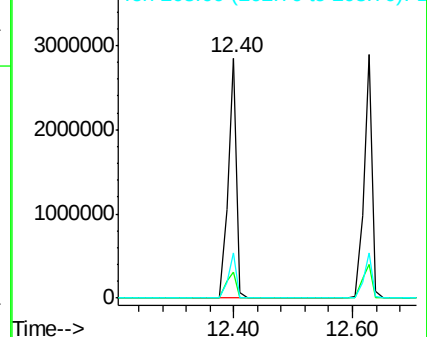
203 18.6 0.0 38.1

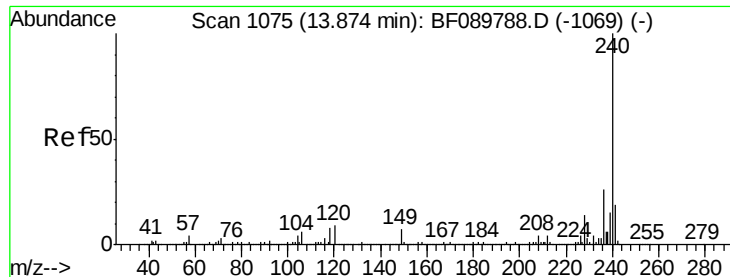


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.02 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

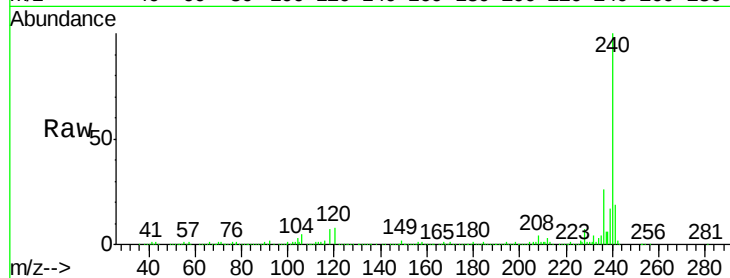
Tot Ion:240 Resp: 1235117

Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

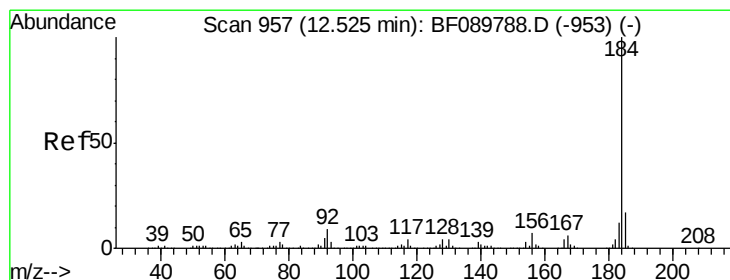
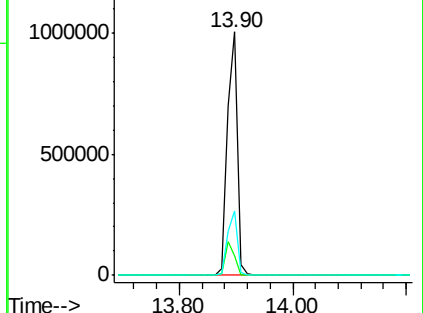
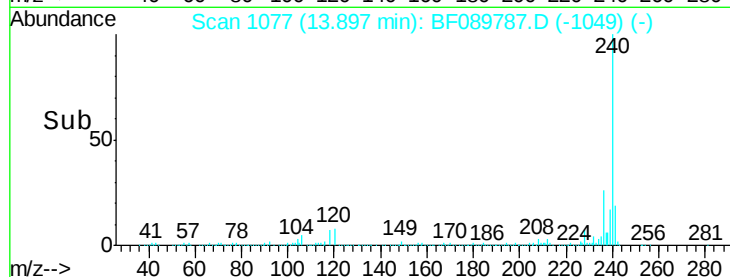
236 26.5 21.3 31.9



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: 24.79 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

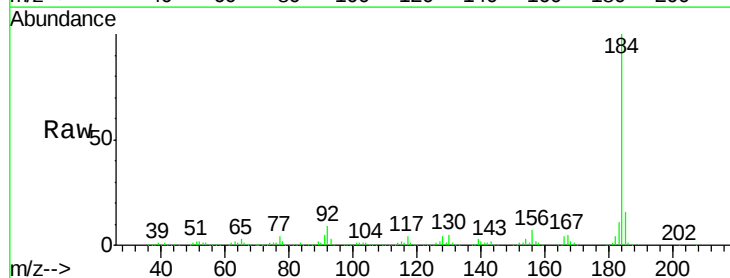
Tgt Ion:184 Resp: 1098855

Ion Ratio Lower Upper

184 100

185 16.4 13.8 20.8

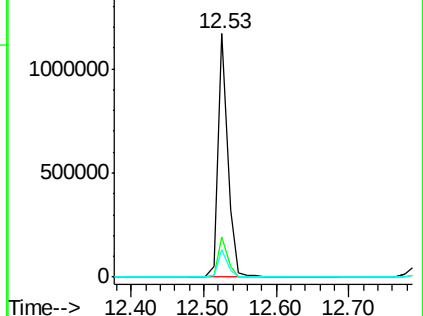
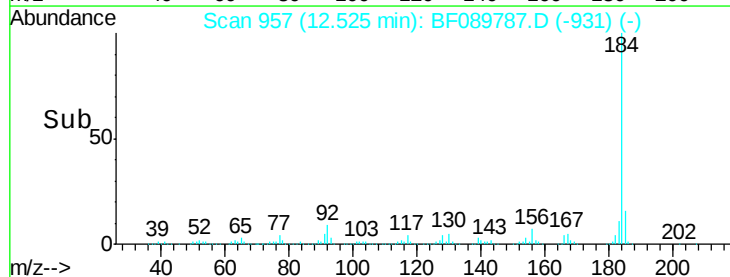
183 11.4 9.7 14.5

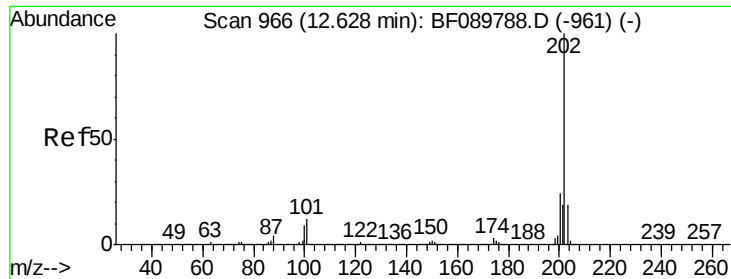


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

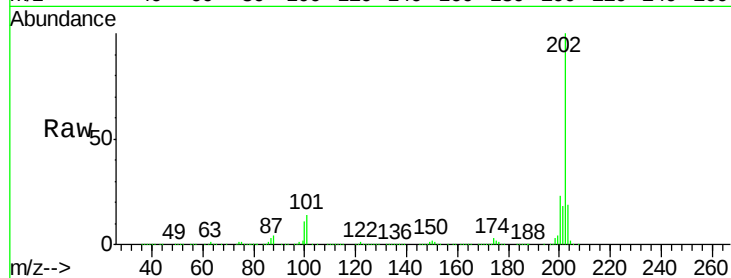




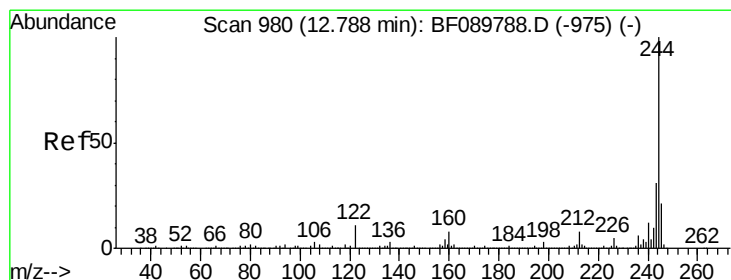
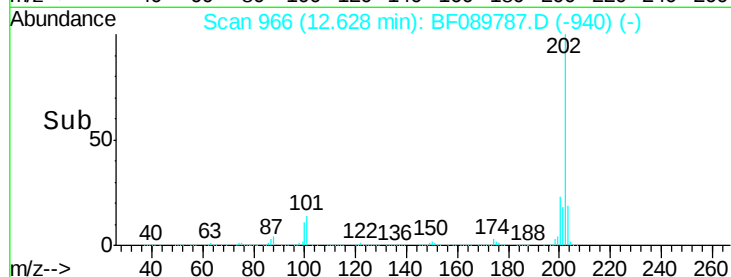
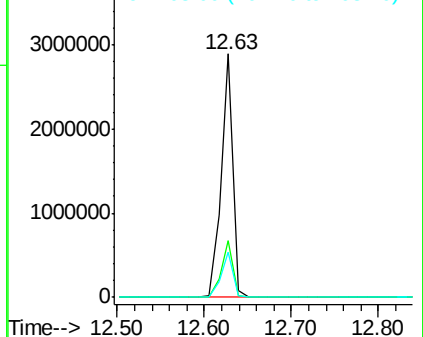
#77
Pvrene
Concen: 33.78 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2730271
Ion Ratio Lower Upper
202 100
200 23.1 17.8 26.6
203 18.7 14.2 21.4

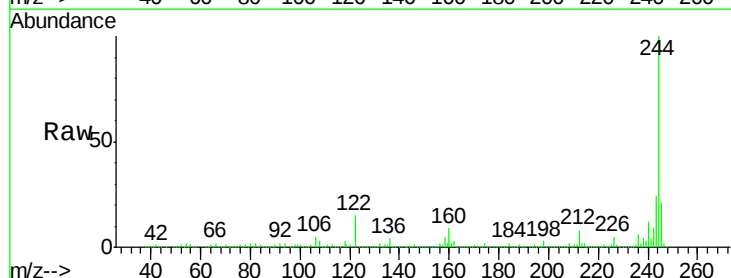


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

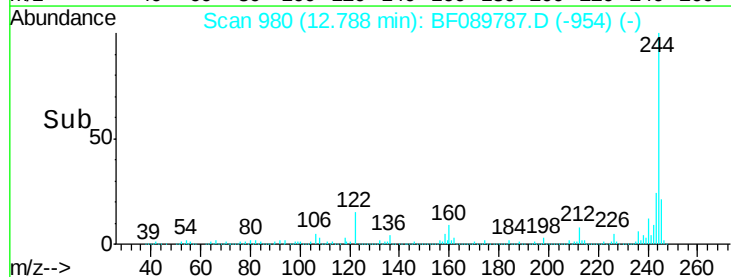
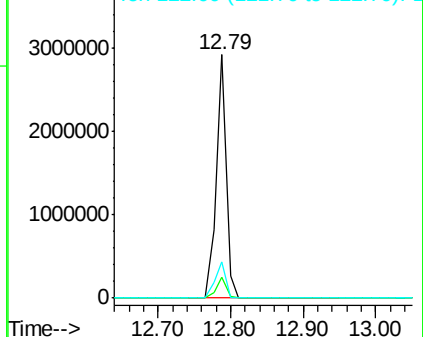


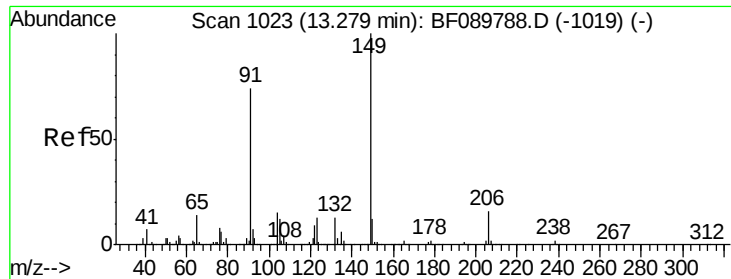
#78
Terphenyl-d14
Concen: 67.00 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:244 Resp: 2770204
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 14.8 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

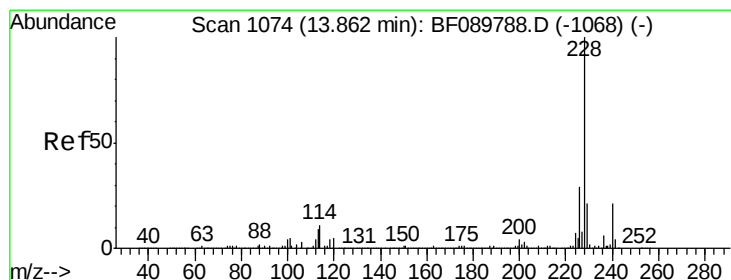
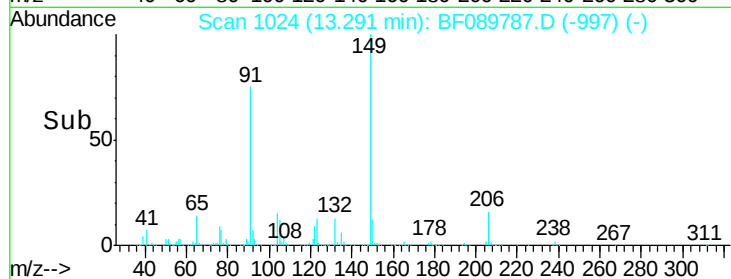
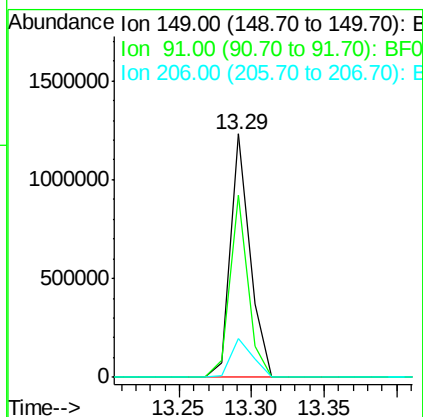
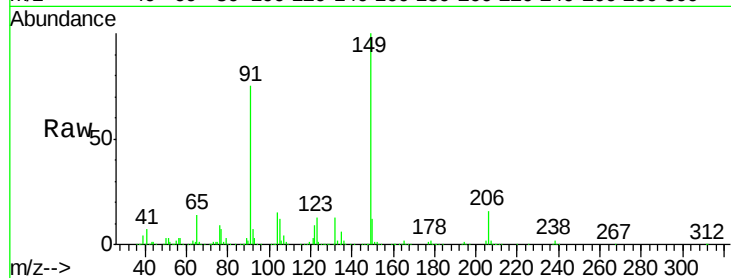




#79
 Butylbenzylphthalate
 Concen: 28.45 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

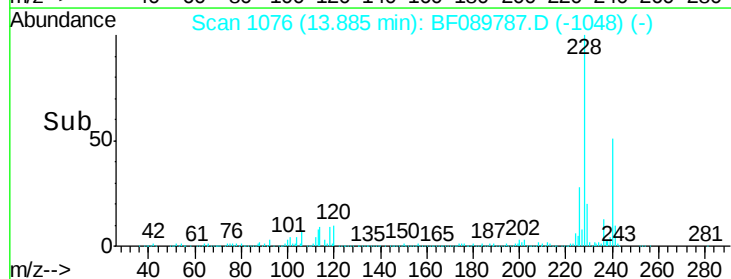
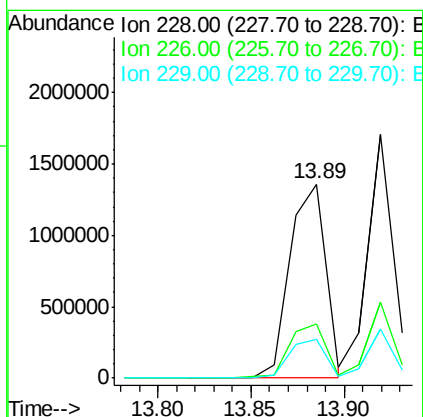
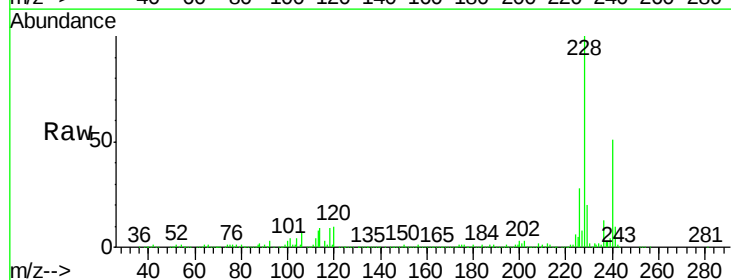
Instrument :
 BNA_F
 ClientSampleId :

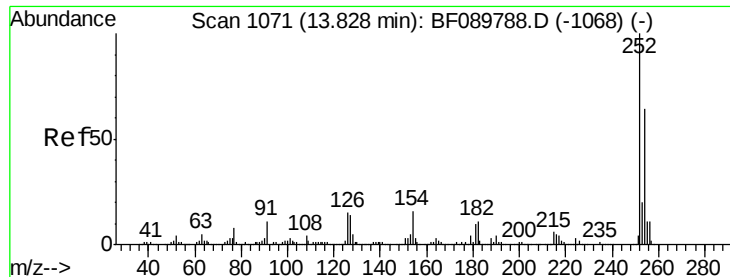
Tot Ion:149 Resp: 1153718
 Ion Ratio Lower Upper
 149 100
 91 74.8 50.7 76.1
 206 16.1 15.5 23.3



#80
 Benzo(a)anthracene
 Concen: 25.59 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.02 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:228 Resp: 1836167
 Ion Ratio Lower Upper
 228 100
 226 27.9 23.2 34.8
 229 20.0 16.2 24.4

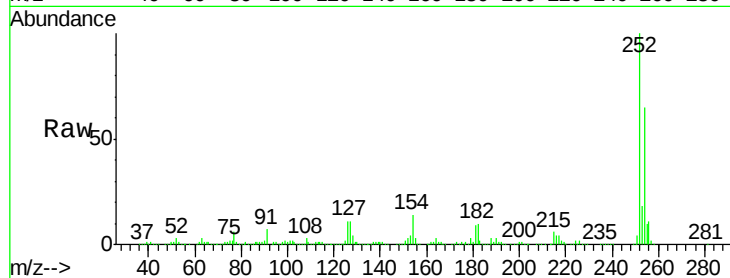




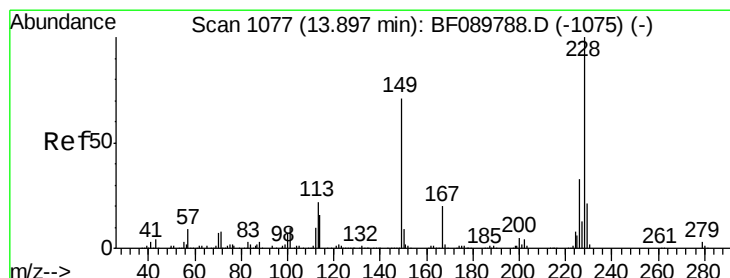
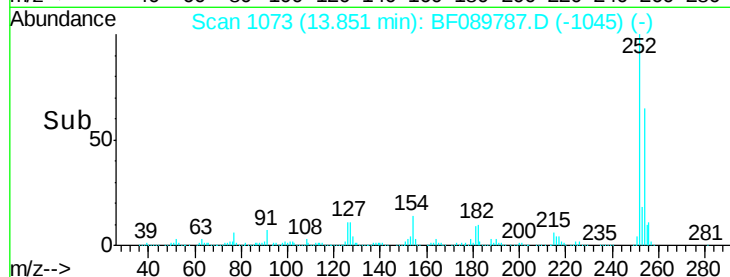
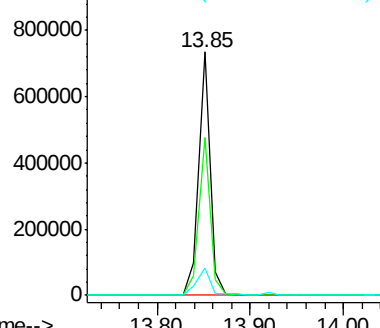
#81
 3,3'-Dichlorobenzidine
 Concen: 24.14 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.02 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 631139
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.6 75.8
 126 11.5 12.6 18.8#

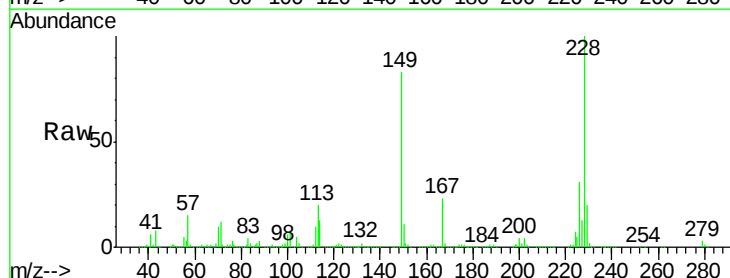


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

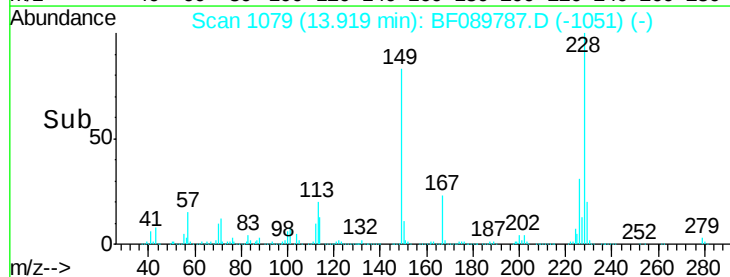
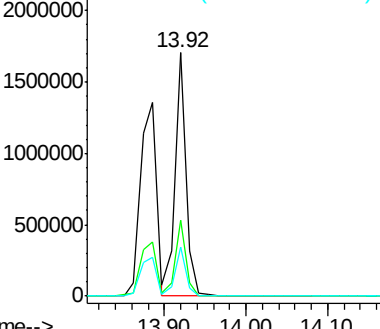


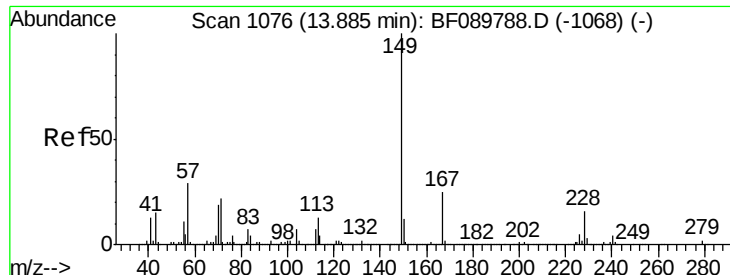
#82
 Chrysene
 Concen: 25.34 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.02 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:228 Resp: 1636717
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.4 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.30 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.03 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

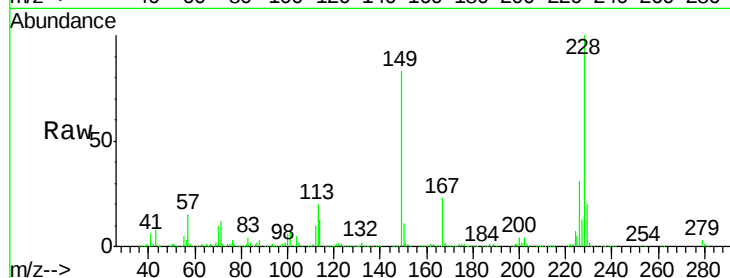
Tot Ion:149 Resp: 1679764

Ion Ratio Lower Upper

149 100

167 27.8 21.2 31.8

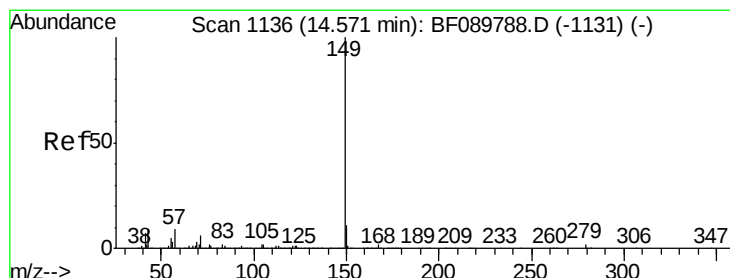
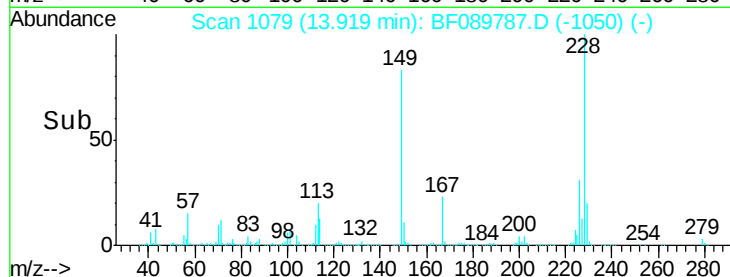
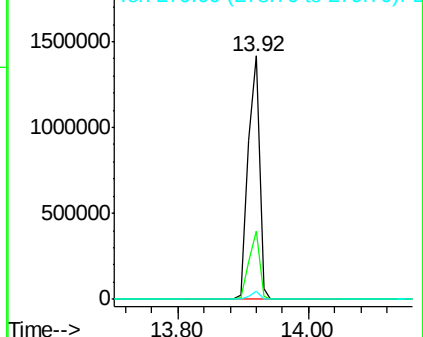
279 3.5 2.9 4.3



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: 27.11 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.05 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

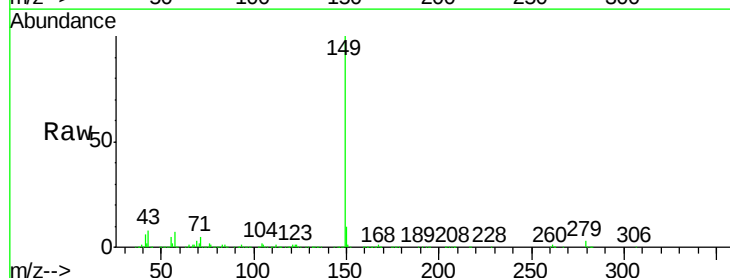
Tgt Ion:149 Resp: 2260801

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

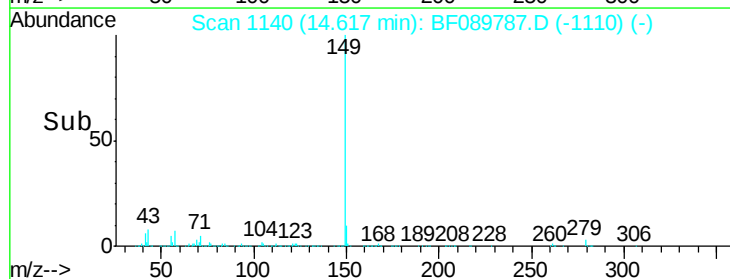
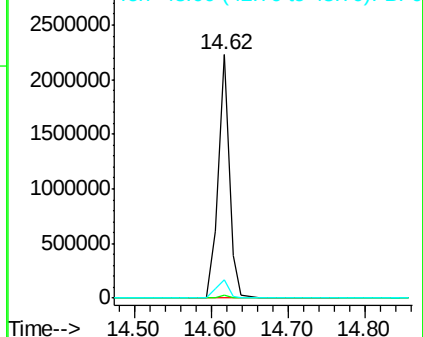
43 8.4 8.4 12.6

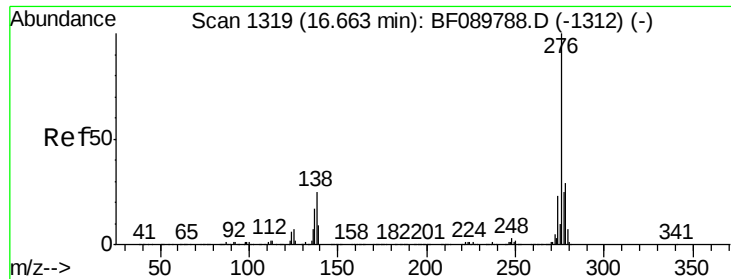


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

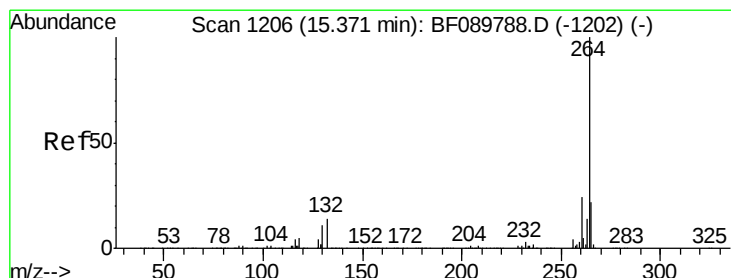
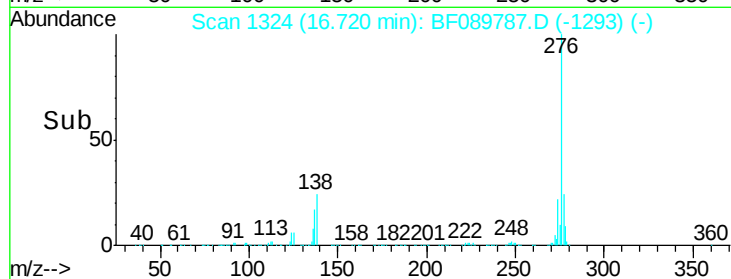
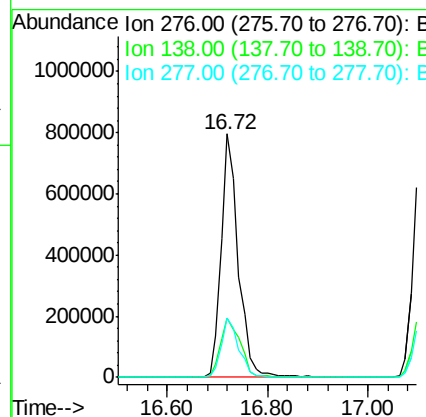
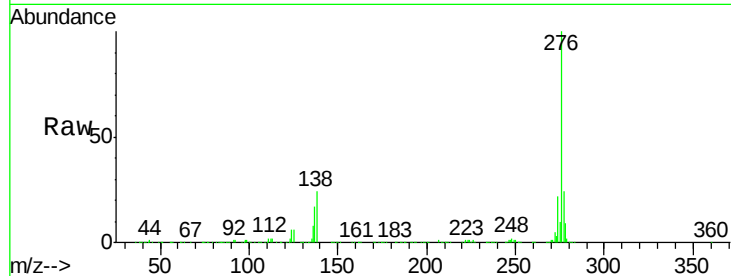




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.36 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.06 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

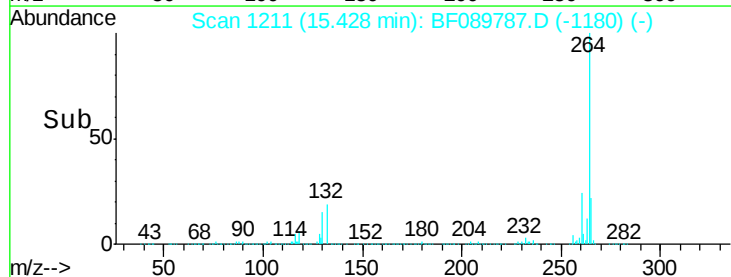
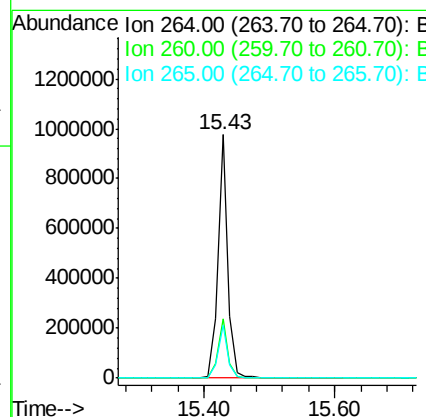
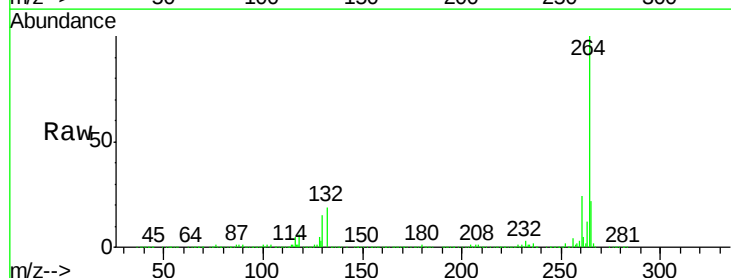
Instrument :
 BNA_F
 ClientSampled :

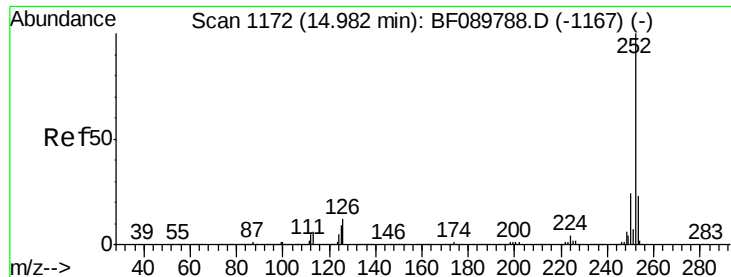
Tot Ion:276 Resp: 1890336
 Ion Ratio Lower Upper
 276 100
 138 28.6 24.6 36.8
 277 25.1 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. 0.06 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:264 Resp: 1043488
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.2
 265 22.0 17.4 26.2

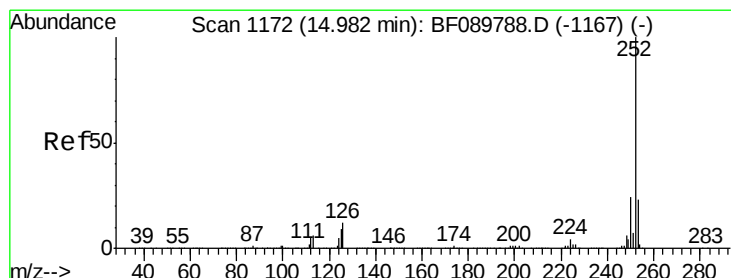
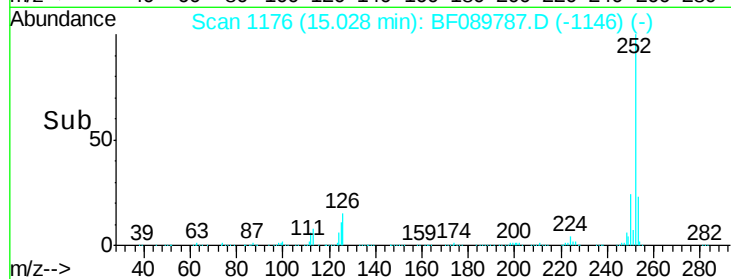
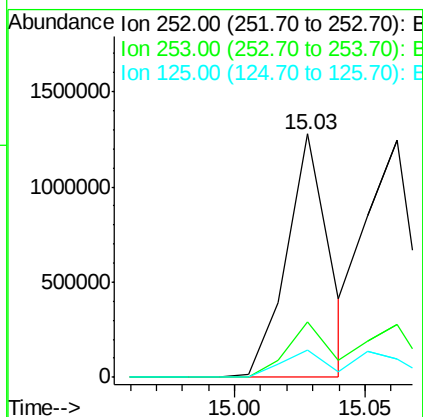
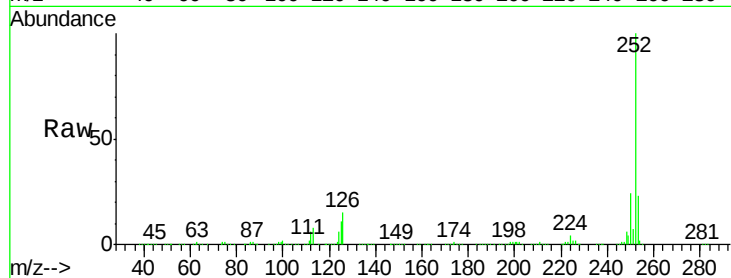




#87
Benzo(b)fluoranthene
Concen: 21.73 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

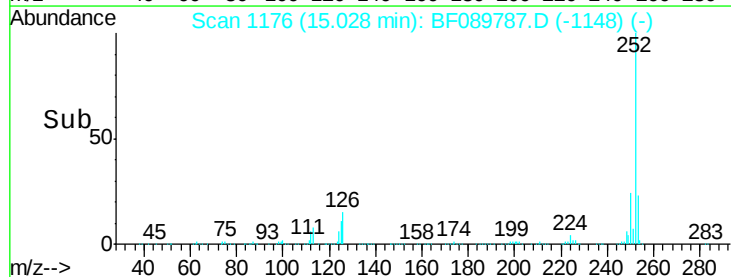
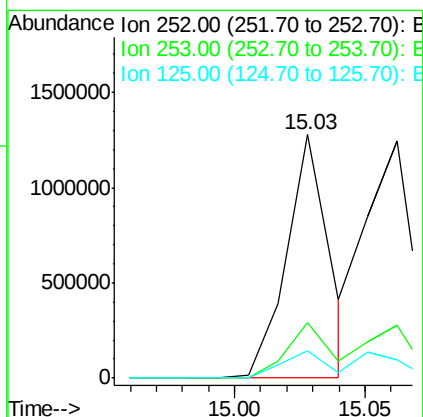
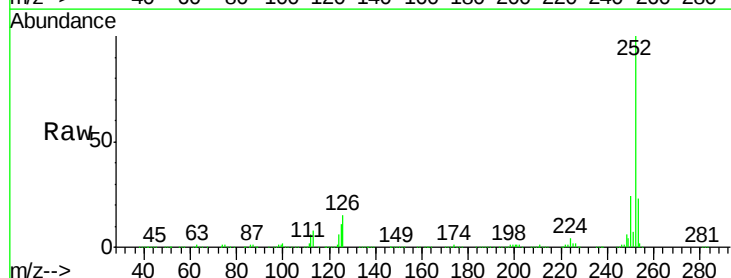
Instrument :
BNA_F
ClientSampleId :

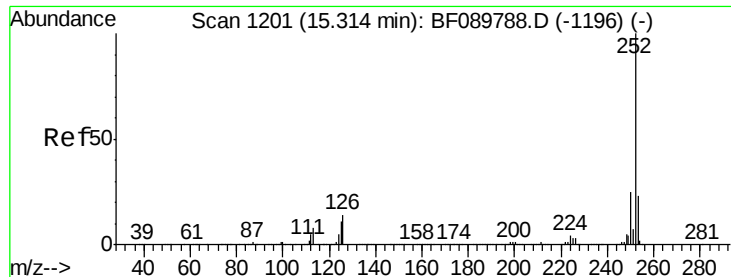
Tot Ion:252 Resp: 1436759
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.4 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 26.40 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:252 Resp: 1436759
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 11.4 9.8 14.6

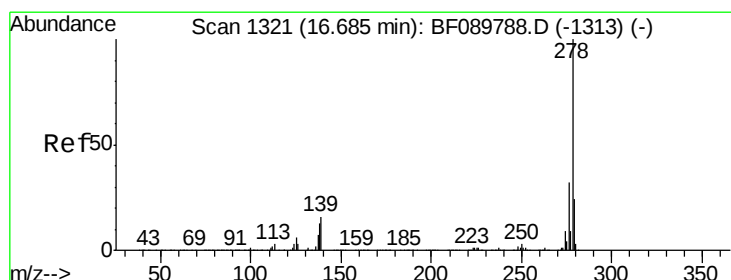
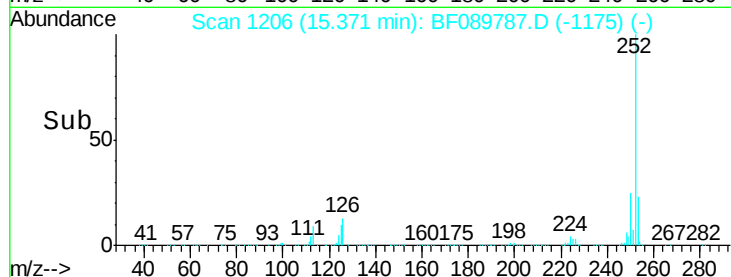
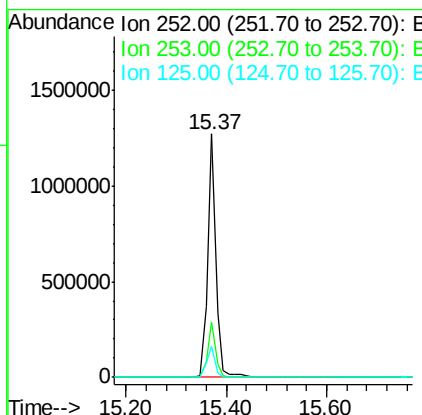
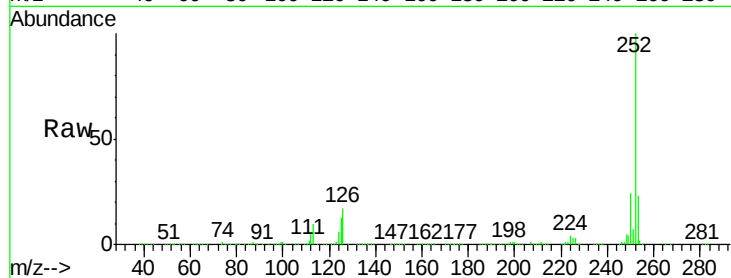




#89
Benzo(a)pyrene
Concen: 26.34 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.06 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

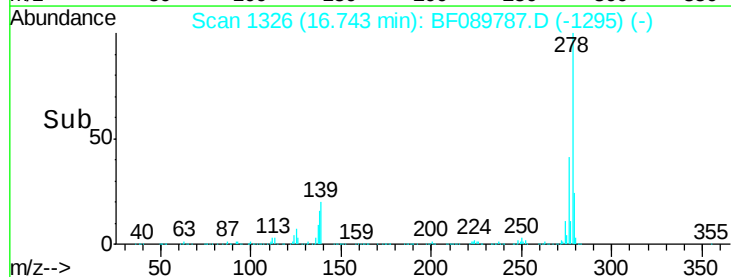
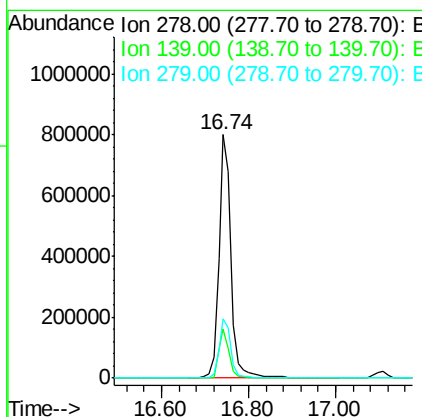
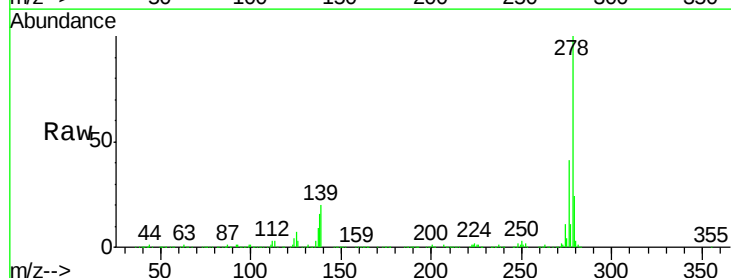
Instrument :
BNA_F
ClientSampleId :

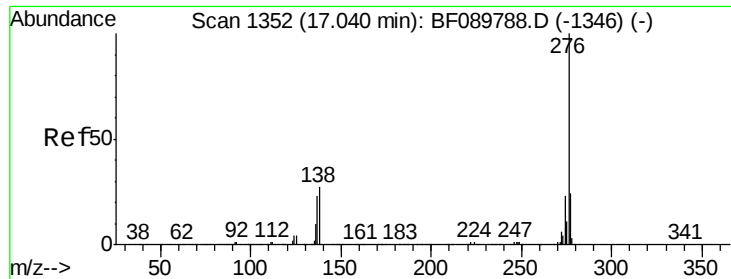
Tot Ion:252 Resp: 1437584
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.6 11.7 17.5



#90
Dibenzo(a,h)anthracene
Concen: 36.60 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:278 Resp: 1573014
Ion Ratio Lower Upper
278 100
139 20.3 14.9 22.3
279 24.5 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 36.90 ng

RT: 17.11 min Scan# 1358

Delta R.T. 0.07 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1614370

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 23.8 22.1 33.1

