

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089788.D
 Acq On : 19 Aug 2016 11:15
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 11:57:43 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	539351	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2186756	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	989575	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1792084	20.00	ng	0.00
75) Chrysene-d12	13.87	240	1110287	20.00	ng	0.00
86) Perylene-d12	15.37	264	957650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2392776	74.02	ng	0.00
7) Phenol-d6	6.32	99	3235865	78.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	2685969	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	750093	78.35	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4227545	68.55	ng	0.00
78) Terphenyl-d14	12.79	244	3952508	106.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	616750	36.96	ng	95
3) Pyridine	2.81	79	1733562	40.31	ng	92
4) n-Nitrosodimethylamine	2.76	42	633044	36.68	ng	# 83
6) Aniline	6.34	93	2091373	37.84	ng	# 59
8) 2-Chlorophenol	6.47	128	1546706	40.23	ng	88
9) Benzaldehyde	6.23	77	1079230	39.60	ng	86
10) Phenol	6.34	94	1914164	37.40	ng	90
11) bis(2-Chloroethyl)ether	6.43	93	1512806	39.90	ng	92
12) 1,3-Dichlorobenzene	6.86	146	1492467	36.31	ng	99
13) 1,4-Dichlorobenzene	6.71	146	1732788	41.62	ng	94
14) 1,2-Dichlorobenzene	6.71	146	1732788	43.65	ng	99
15) Benzyl Alcohol	6.83	79	1051585	38.27	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1901687	38.23	ng	92
17) 2-Methylphenol	6.95	107	1170714	38.32	ng	98
18) Hexachloroethane	7.20	117	569516	37.32	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	1060898	39.40	ng	# 86
20) 3+4-Methylphenols	7.11	107	1326752	33.91	ng	# 81
22) Acetophenone	7.11	105	2071754	40.76	ng	# 86
24) Nitrobenzene	7.28	77	1637773	40.66	ng	# 80
25) Isophorone	7.52	82	2853049	39.82	ng	# 92
26) 2-Nitrophenol	7.59	139	738044	38.94	ng	# 79
27) 2,4-Dimethylphenol	7.63	122	1305261	36.33	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1869487	42.94	ng	96
29) 2,4-Dichlorophenol	7.83	162	1131087	37.81	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1343774	41.85	ng	96
31) Naphthalene	8.00	128	4072451	41.49	ng	99
32) Benzoic acid	7.76	122	1097535	39.29	ng	96
33) 4-Chloroaniline	8.04	127	1802618	39.69	ng	# 92
34) Hexachlorobutadiene	8.12	225	687489	40.75	ng	97
35) Caprolactam	8.42	113	355004	38.51	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	1172446	36.00	ng	90
37) 2-Methylnaphthalene	8.68	142	2753851	41.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1329449	41.79	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	498996	35.20	ng	98

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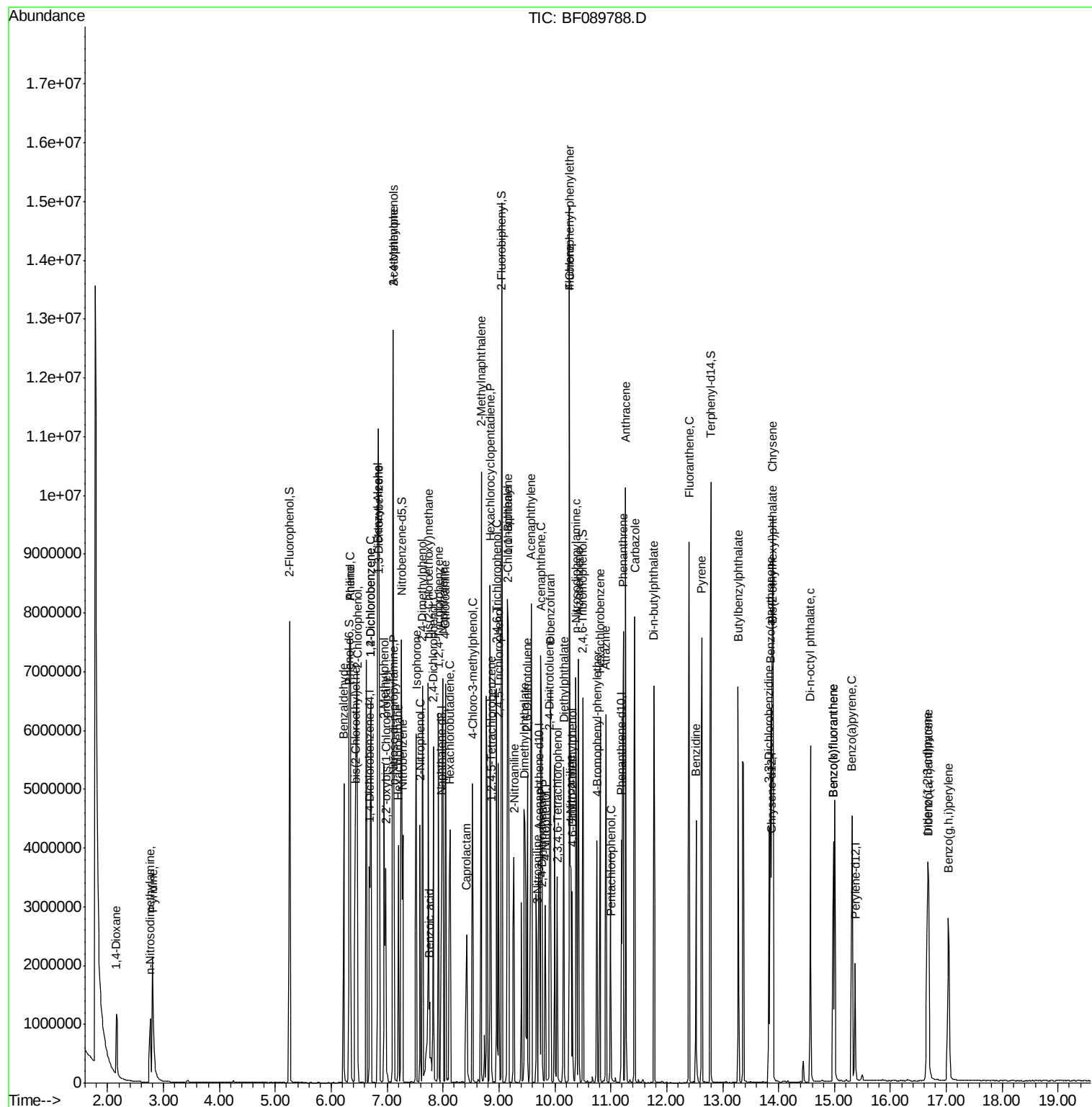
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	859412	41.82	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	810431	41.36	nq	# 90
45) 1,1'-Biphenyl	9.15	154	3287514	40.11	nq	94
46) 2-Chloronaphthalene	9.16	162	2438030	39.70	nq	99
47) 2-Nitroaniline	9.27	65	785284	41.96	nq	# 61
48) Acenaphthylene	9.58	152	3645847	38.56	nq	98
49) Dimethylphthalate	9.46	163	2966745	41.43	nq	# 98
50) 2,6-Dinitrotoluene	9.51	165	605947	37.39	nq	88
51) Acenaphthene	9.75	154	2553203	40.02	nq	99
52) 3-Nitroaniline	9.68	138	803250	42.63	nq	# 66
53) 2,4-Dinitrophenol	9.77	184	268832	46.69	nq	# 88
54) Dibenzofuran	9.92	168	3090442	39.36	nq	98
55) 4-Nitrophenol	9.83	139	525316	36.24	nq	# 82
56) 2,4-Dinitrotoluene	9.91	165	943514	45.29	nq	# 83
57) Fluorene	10.26	166	2299547	36.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	610565	39.90	nq	96
59) Diethylphthalate	10.16	149	3034015	41.79	nq	96
60) 4-Chlorophenyl-phenylether	10.26	204	1065735	34.22	nq	96
61) 4-Nitroaniline	10.28	138	777922	42.52	nq	98
62) Azobenzene	10.42	77	2857893	41.66	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	381524	36.67	nq	87
65) n-Nitrosodiphenylamine	10.38	169	2319536	41.24	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	809158	43.60	nq	# 94
67) Hexachlorobenzene	10.81	284	900580	43.65	nq	# 93
68) Atrazine	10.91	200	708585	41.59	nq	97
69) Pentachlorophenol	11.00	266	523289	40.71	nq	98
70) Phenanthrene	11.22	178	3835040	43.54	nq	98
71) Anthracene	11.27	178	3443424	37.41	nq	97
72) Carbazole	11.43	167	3626274	41.58	nq	96
73) Di-n-butylphthalate	11.77	149	4099029	38.65	nq	98
74) Fluoranthene	12.40	202	3592019	40.58	nq	95
76) Benzidine	12.53	184	1578247	39.60	nq	99
77) Pyrene	12.63	202	3742644	51.51	nq	97
79) Butylbenzylphthalate	13.28	149	1638446	44.95	nq	87
80) Benzo(a)anthracene	13.86	228	2529425	39.21	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	848017	36.08	nq	98
82) Chrysene	13.90	228	2138387	36.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2294753	47.57	nq	# 97
84) Di-n-octyl phthalate	14.57	149	3185599	42.49	nq	96
85) Indeno(1,2,3-cd)pyrene	16.66	276	2688894	54.36	nq	99
87) Benzo(b)fluoranthene	14.98	252	2237420	36.87	nq	# 94
88) Benzo(k)fluoranthene	14.98	252	2237420	44.80	nq	# 97
89) Benzo(a)pyrene	15.31	252	2095458	41.83	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	2236808	56.70	nq	97
91) Benzo(g,h,i)perylene	17.04	276	2335253	58.17	nq	99

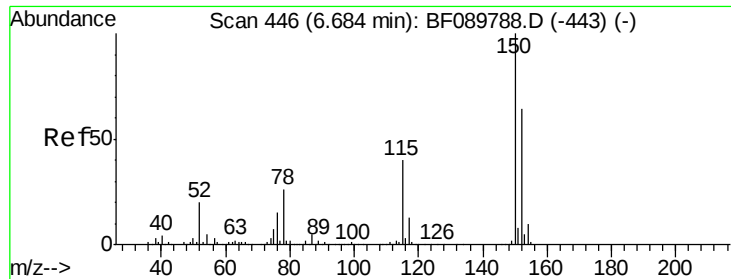
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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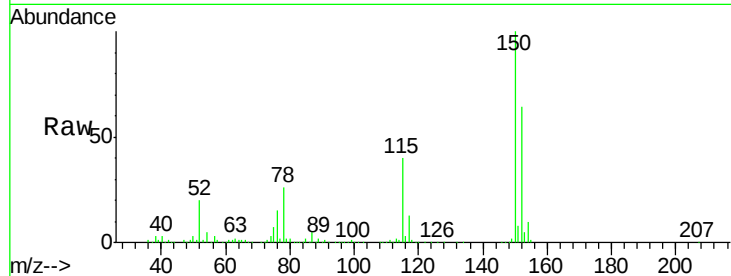


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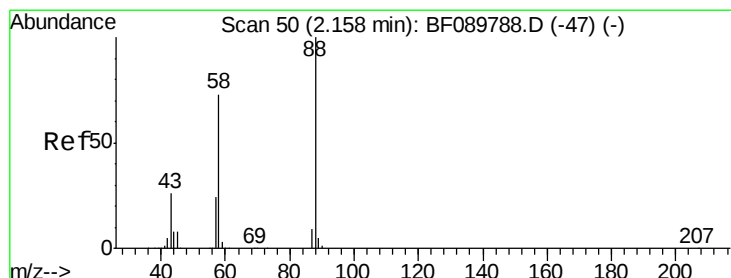
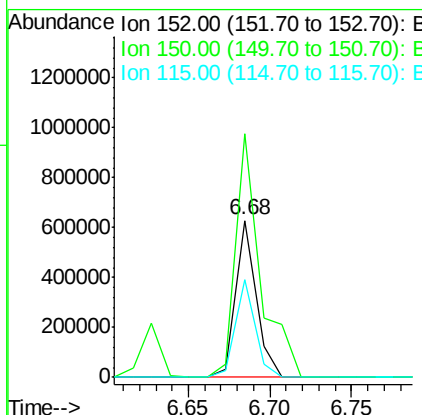
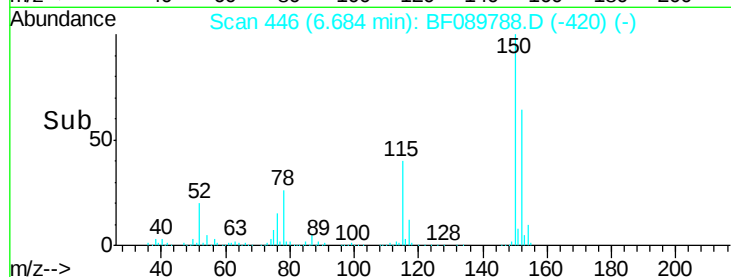
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 539351
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 62.0 40.9 61.3#



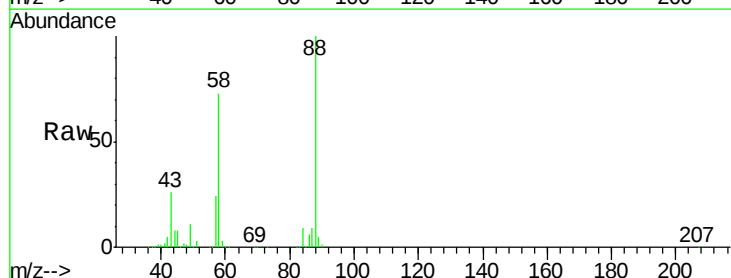
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



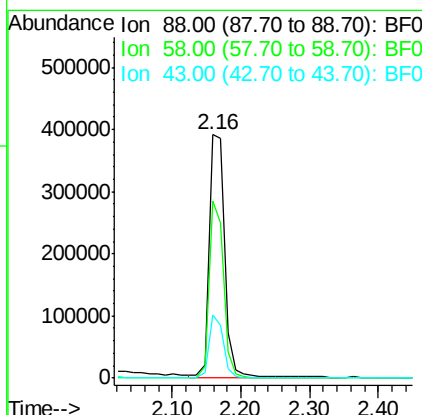
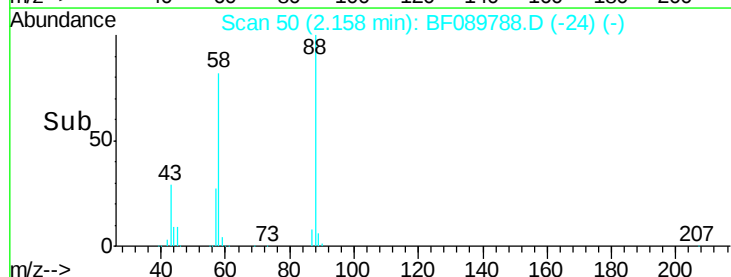
#2

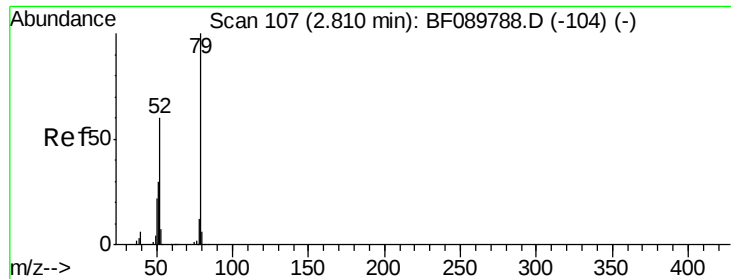
1,4-Dioxane
Concen: 36.96 ng
RT: 2.16 min Scan# 50
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion: 88 Resp: 616750
Ion Ratio Lower Upper
88 100
58 67.8 57.0 85.4
43 24.3 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: 40.31 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampled :

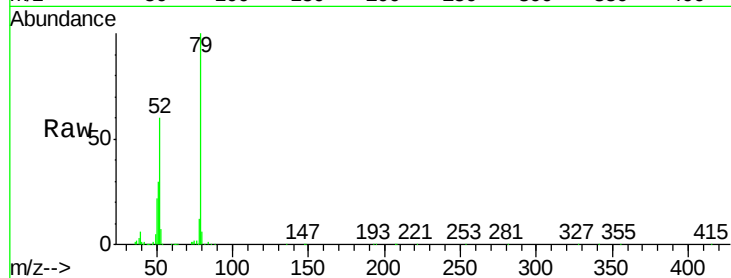
Tot Ion: 79 Resp: 1733562

Ion Ratio Lower Upper

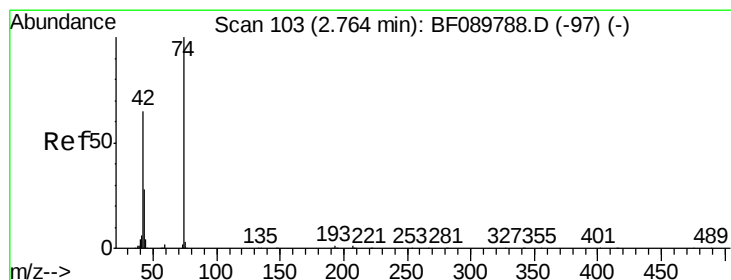
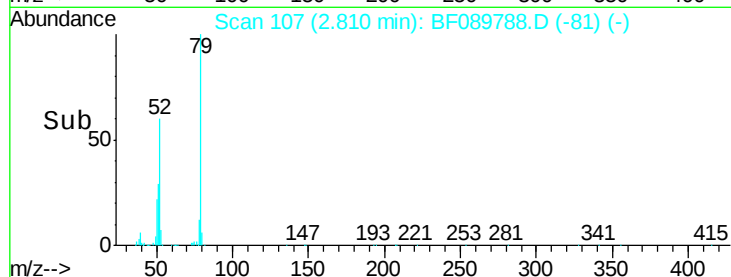
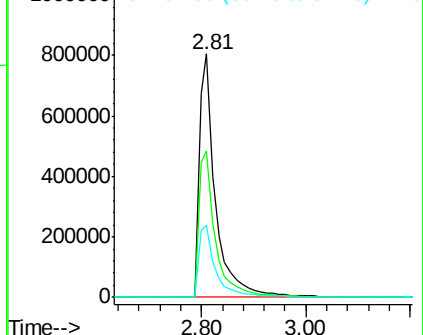
79 100

52 60.0 53.6 80.4

51 29.7 26.6 39.8



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



#4

n-Nitrosodimethylamine

Concen: 36.68 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

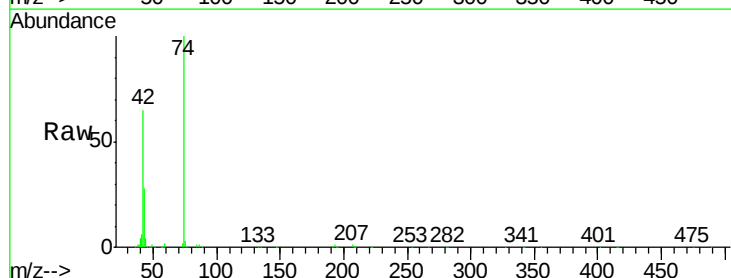
Tgt Ion: 42 Resp: 633044

Ion Ratio Lower Upper

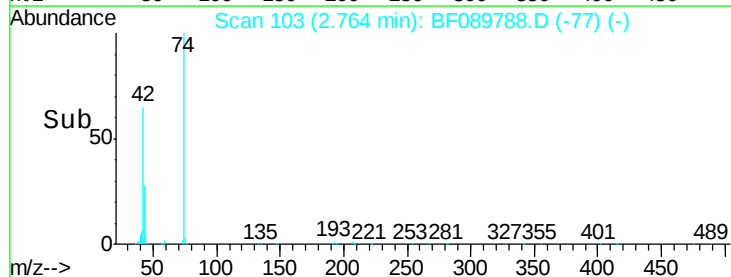
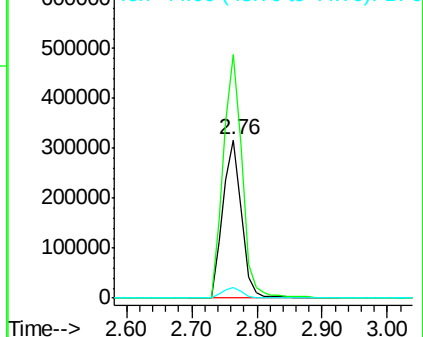
42 100

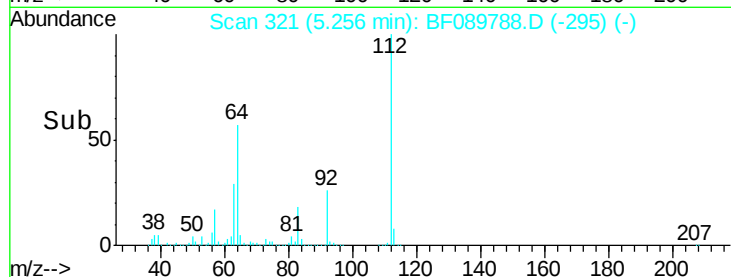
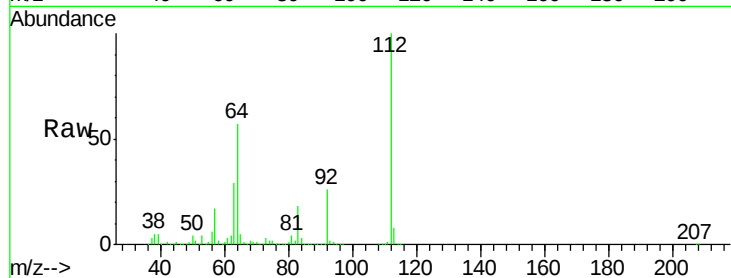
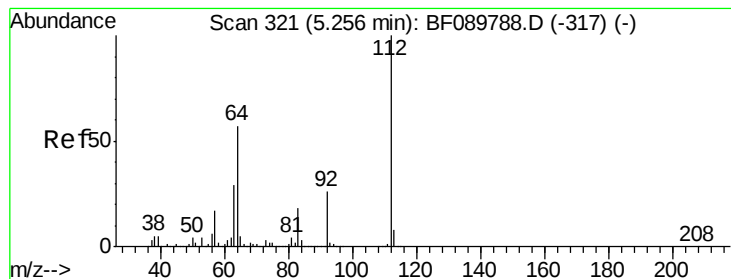
74 154.2 106.2 159.2

44 6.7 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: 74.02 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

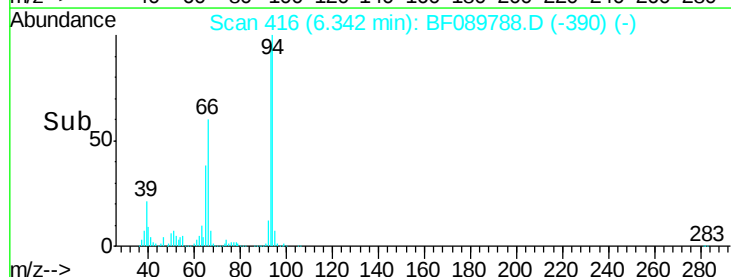
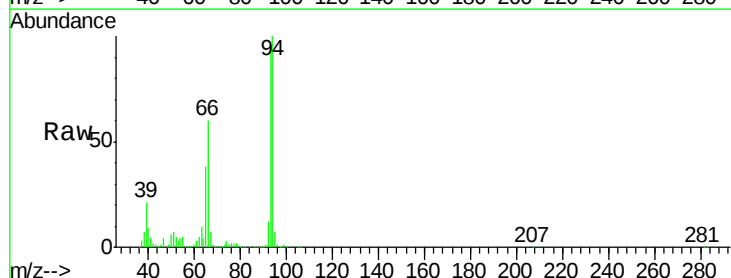
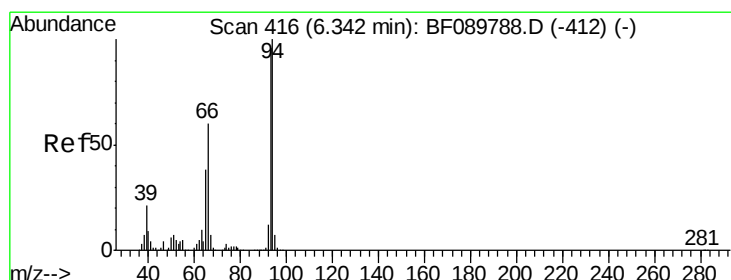
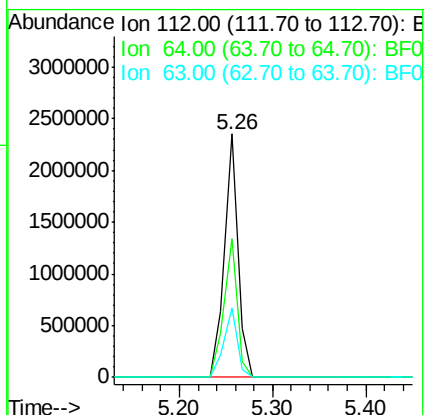
Tot Ion:112 Resp: 2392776

Ion Ratio Lower Upper

112 100

64 57.1 45.0 67.4

63 28.8 23.1 34.7



#6

Aniline

Concen: 37.84 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

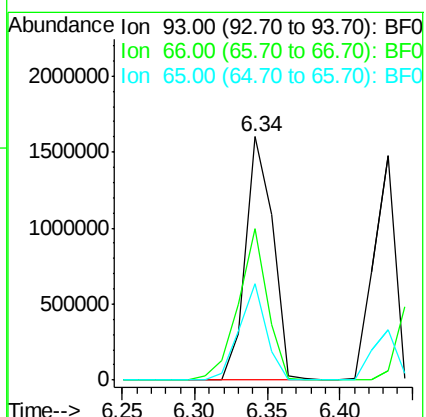
Tgt Ion: 93 Resp: 2091373

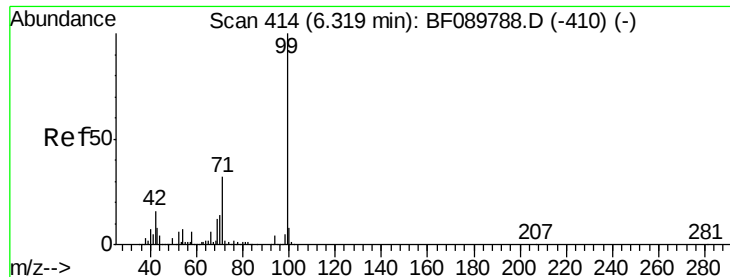
Ion Ratio Lower Upper

93 100

66 62.4 30.6 46.0#

65 39.5 15.4 23.2#





#7

Phenol-d6

Concen: 78.70 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

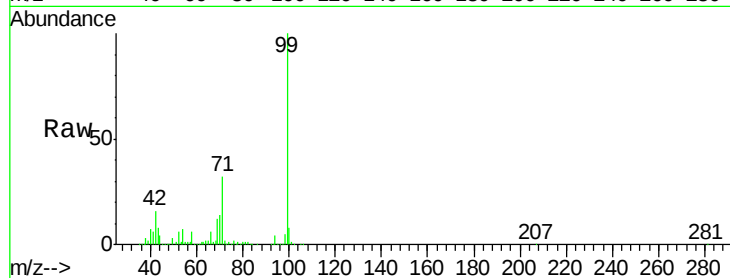
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 3235865

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.2	18.4
71	31.8	23.8	35.8

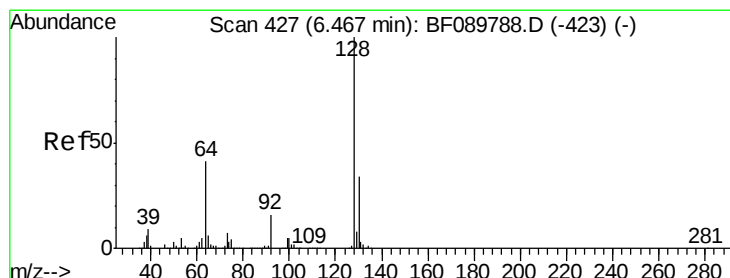
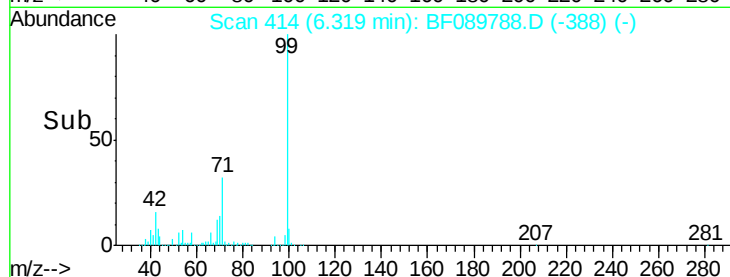
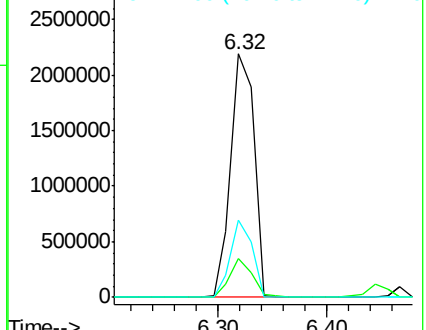


Abundance

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: 40.23 ng

RT: 6.47 min Scan# 427

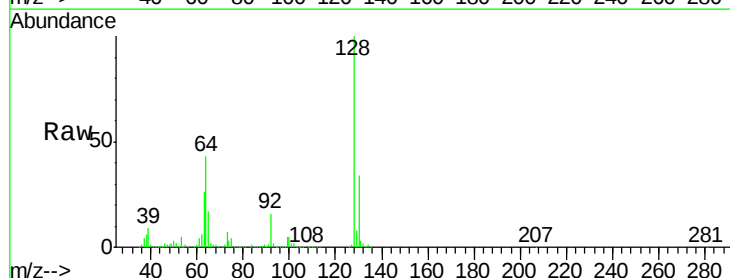
Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion: 128 Resp: 1546706

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.0	52.0
64	42.7	35.1	75.1

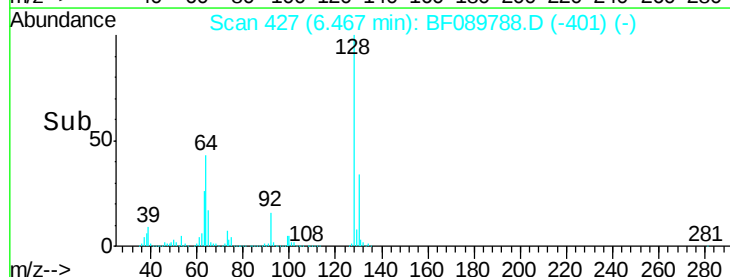
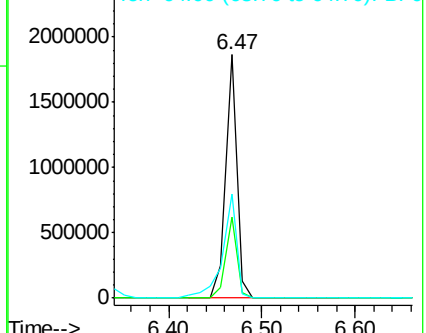


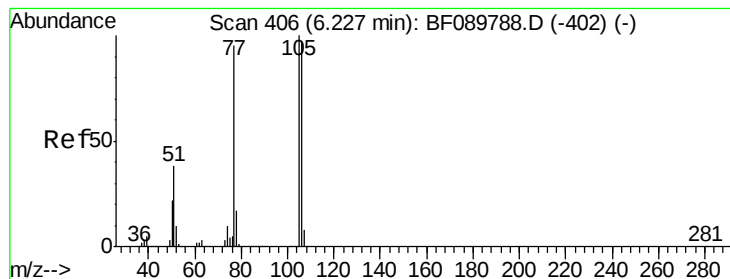
Abundance

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: 39.60 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

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ClientSampleId :

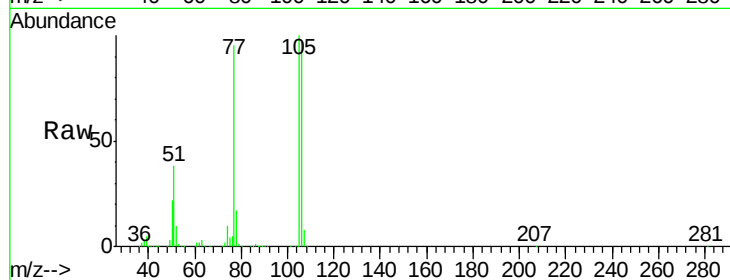
Tot Ion: 77 Resp: 1079230

Ion Ratio Lower Upper

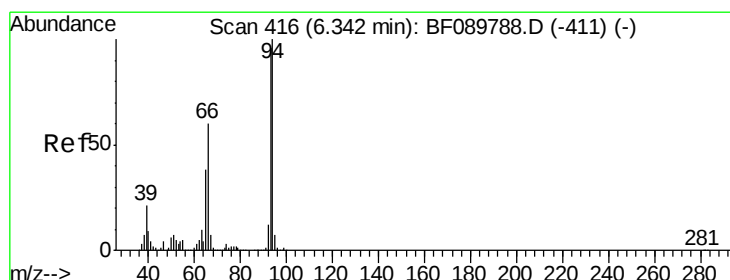
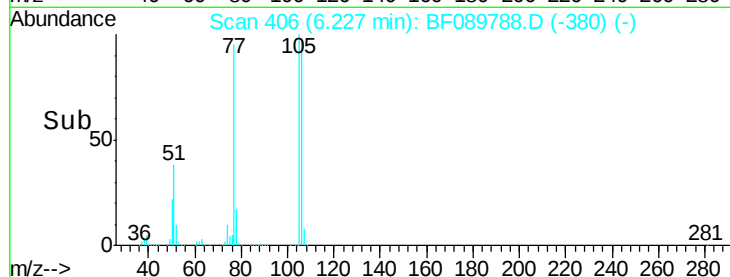
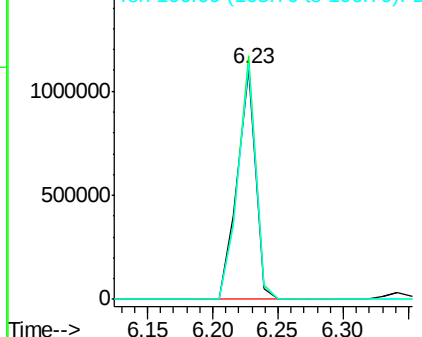
77 100

105 105.8 73.3 113.3

106 102.6 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.40 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

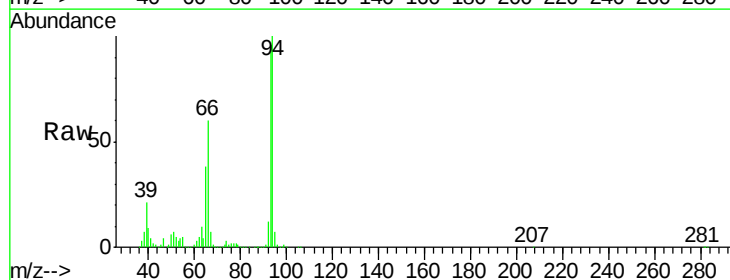
Tgt Ion: 94 Resp: 1914164

Ion Ratio Lower Upper

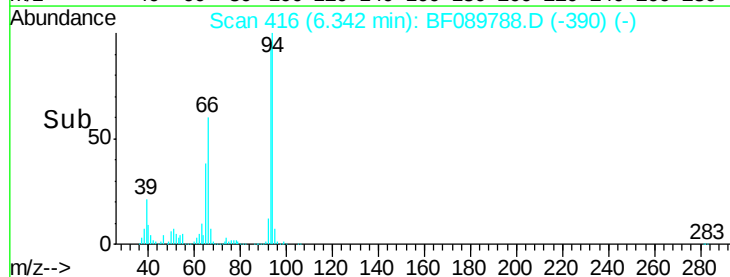
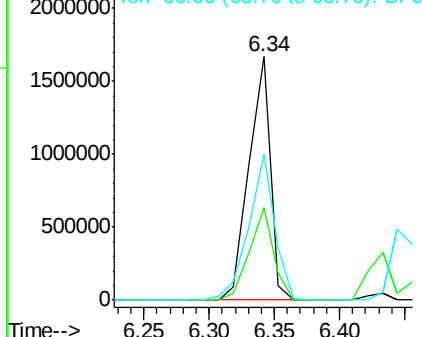
94 100

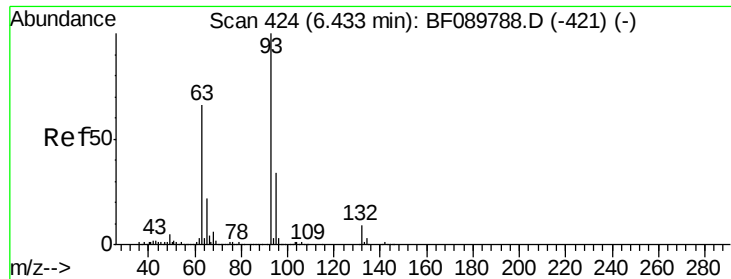
65 37.9 14.0 54.0

66 59.8 31.2 71.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



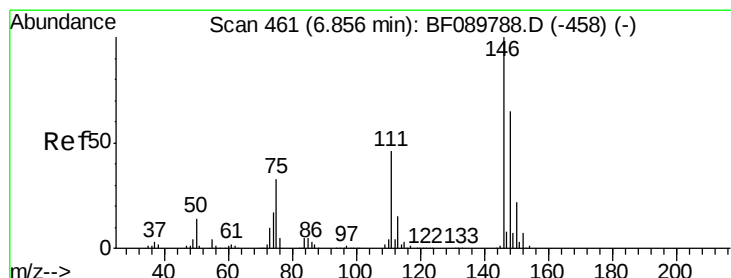
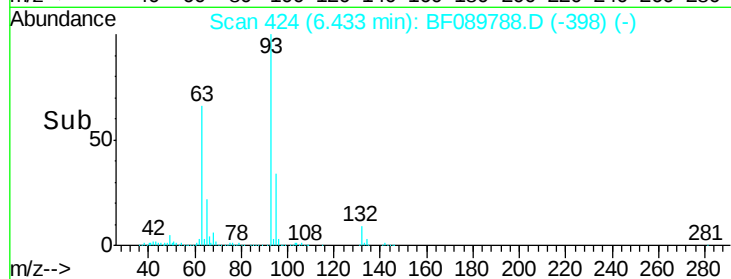
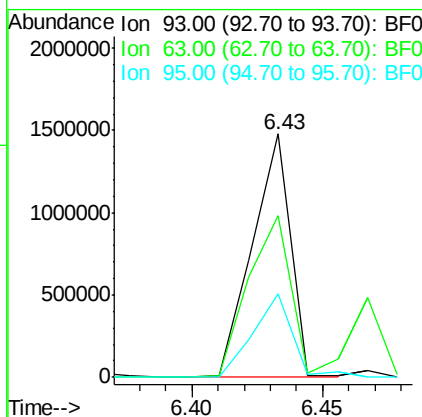
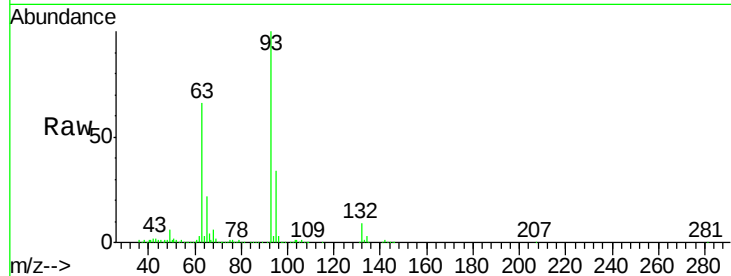


#11
 bis(2-Chloroethyl)ether
 Concen: 39.90 ng
 RT: 6.43 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1512806

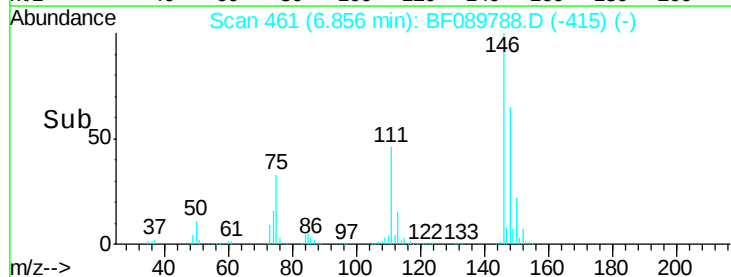
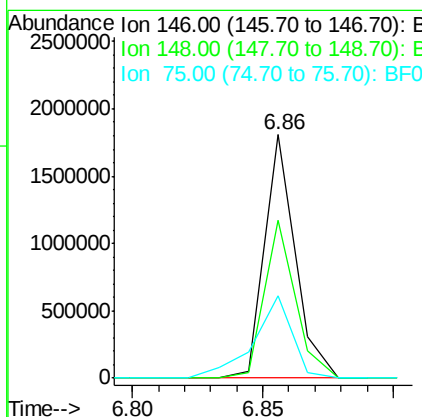
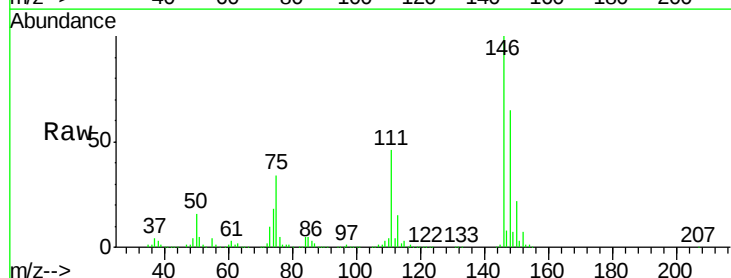
Ion	Ratio	Lower	Upper
93	100		
63	66.2	55.8	95.8
95	34.1	13.0	53.0

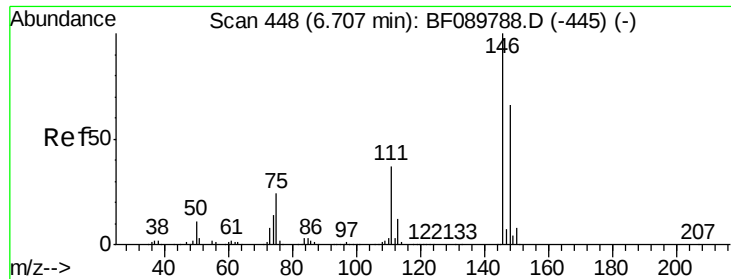


#12
 1,3-Dichlorobenzene
 Concen: 36.31 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.23 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion: 146 Resp: 1492467

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.4
75	33.7	27.0	40.6

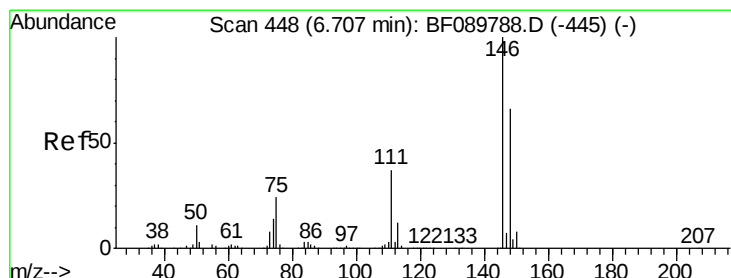
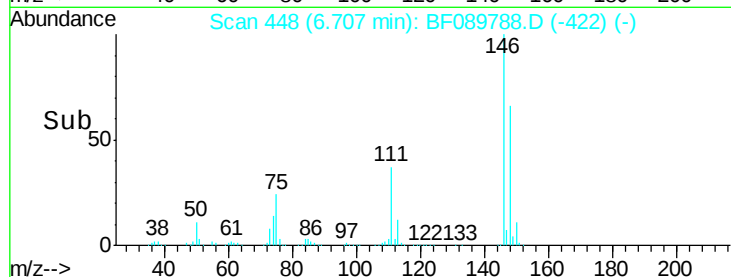
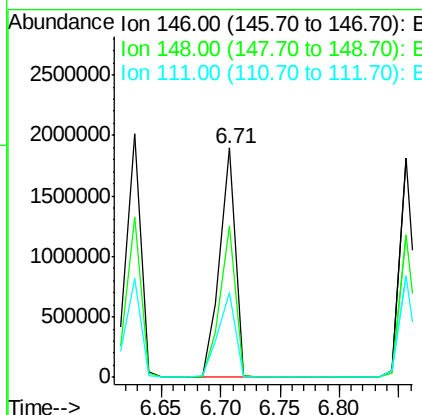
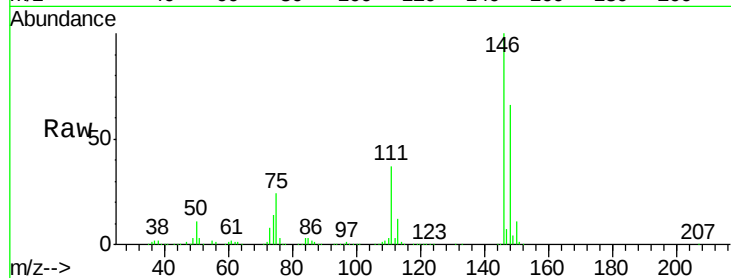




#13
 1,4-Dichlorobenzene
 Concen: 41.62 ng
 RT: 6.71 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

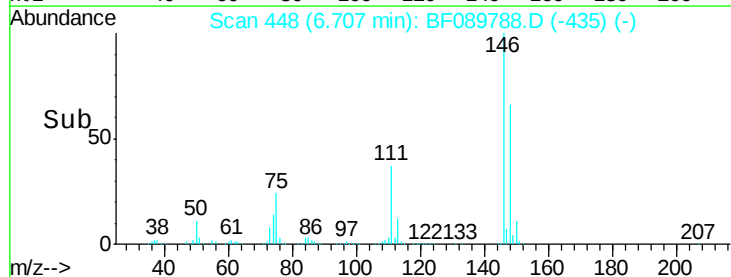
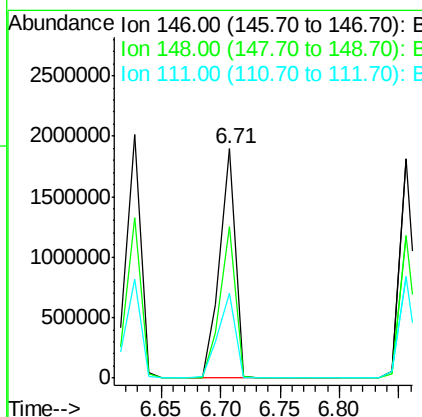
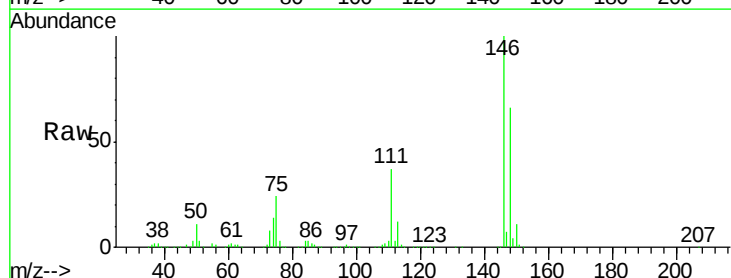
Instrument :
 BNA_F
 ClientSampleId :

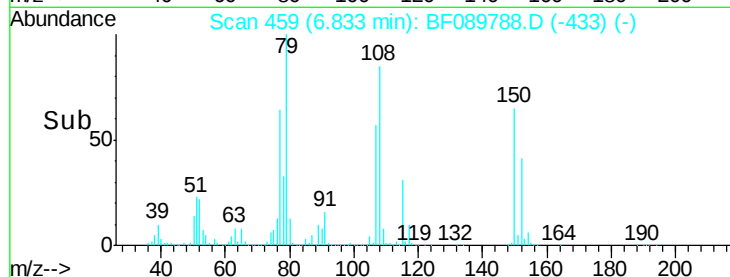
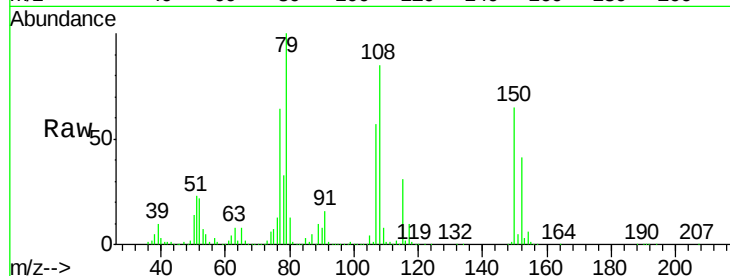
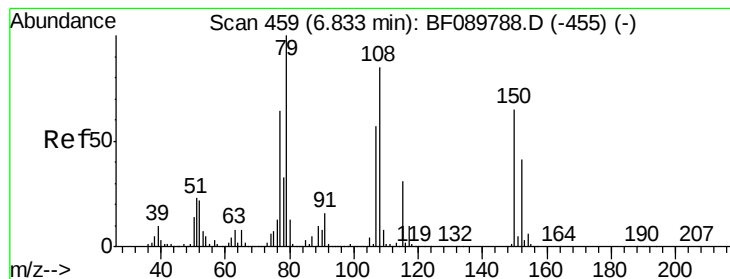
Tot Ion:146 Resp: 1732788
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.0 76.6
 111 37.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 43.65 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:146 Resp: 1732788
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.2 78.2
 111 37.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 38.27 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

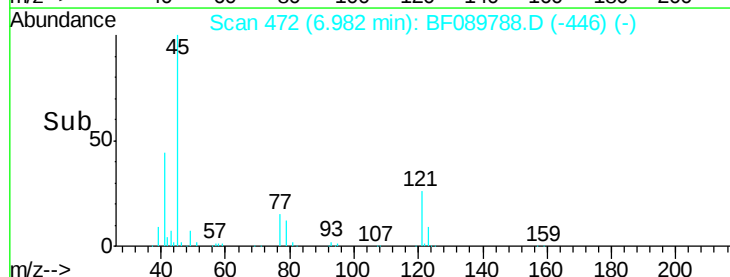
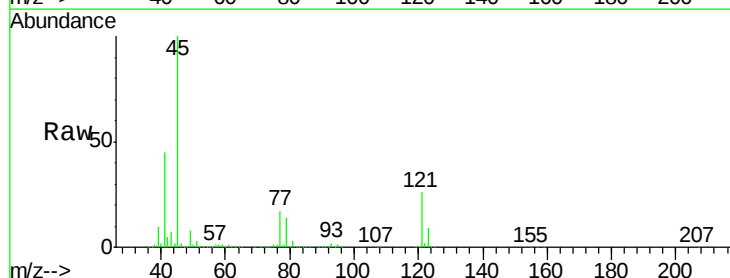
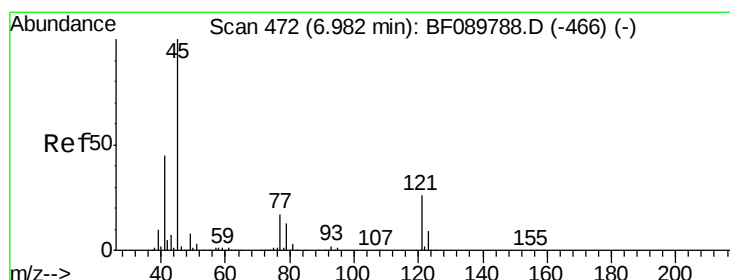
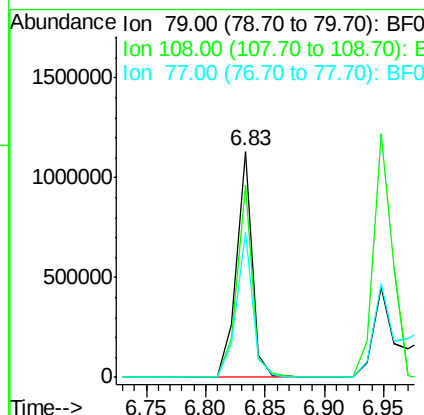
Tot Ion: 79 Resp: 1051585

Ion Ratio Lower Upper

79 100

108 85.3 62.5 93.7

77 63.9 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

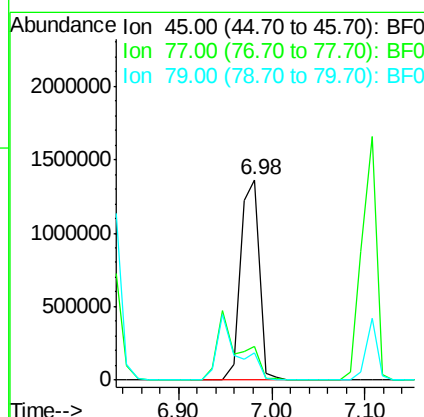
Tgt Ion: 45 Resp: 1901687

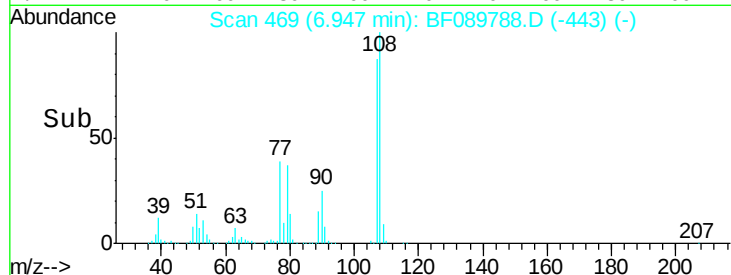
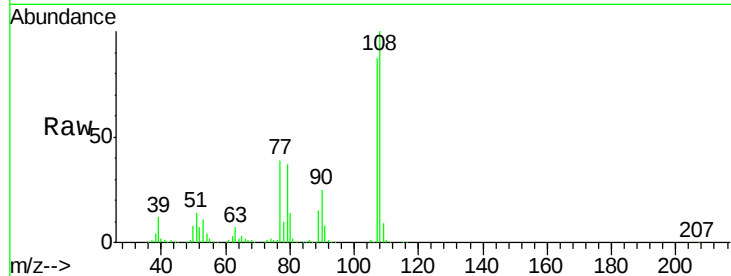
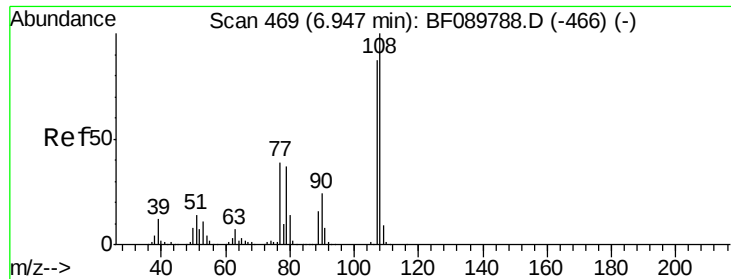
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.5

79 13.6 0.0 30.7

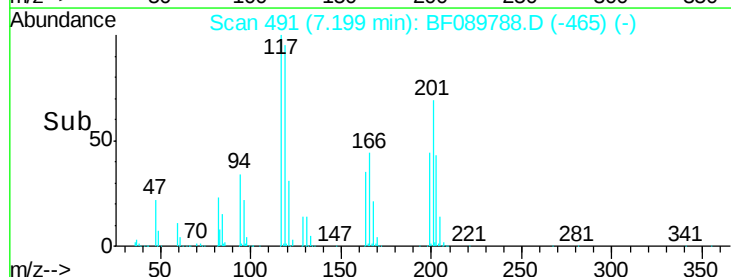
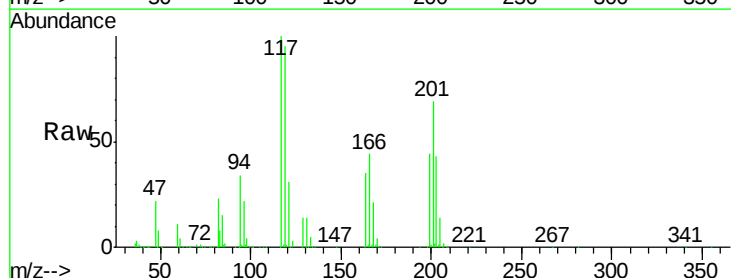
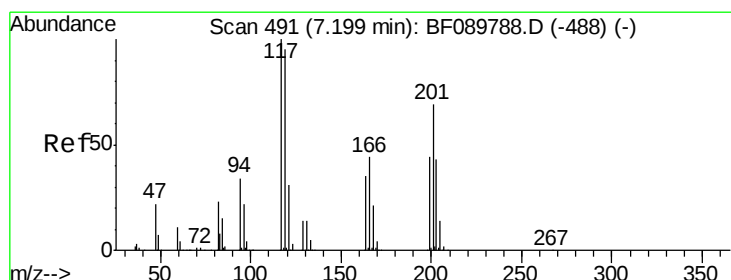
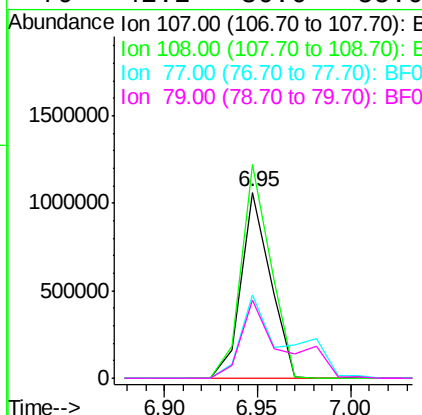




#17
2-Methylphenol
Concen: 38.32 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

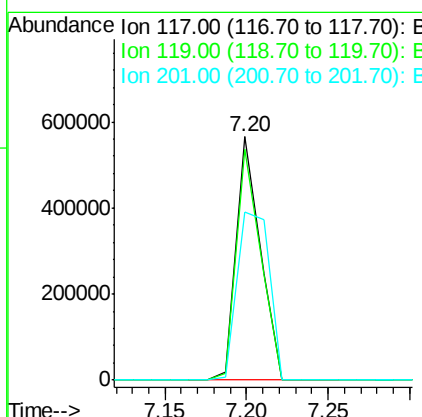
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1170714
Ion Ratio Lower Upper
107 100
108 114.7 91.0 136.4
77 44.5 37.4 56.0
79 42.2 36.6 55.0



#18
Hexachloroethane
Concen: 37.32 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:117 Resp: 569516
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 68.9 76.9 115.3#

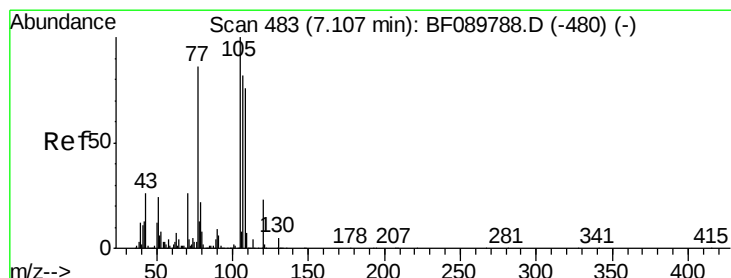
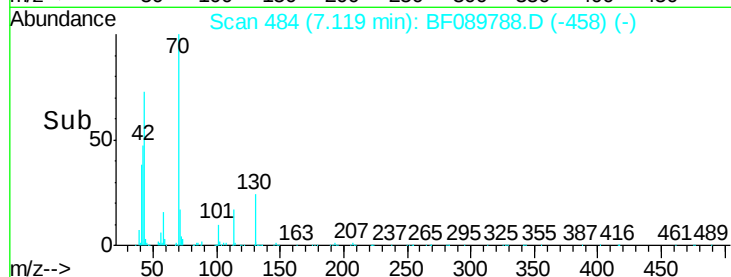
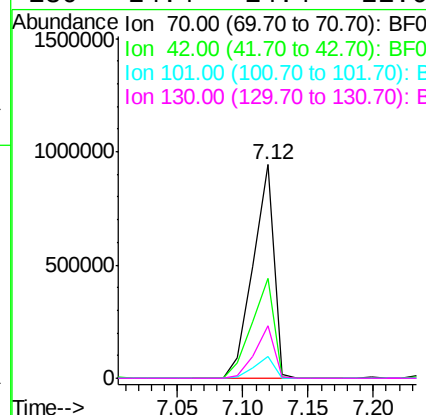
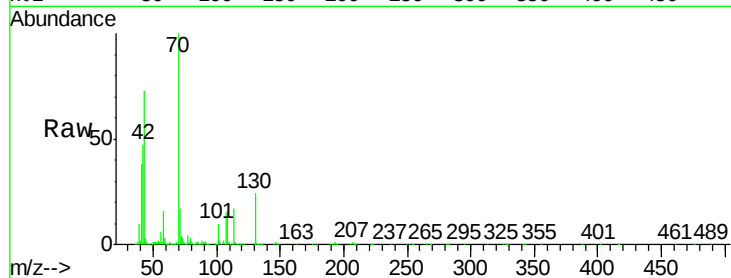




#19
n-Nitroso-di-n-propylamine
Concen: 39.40 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

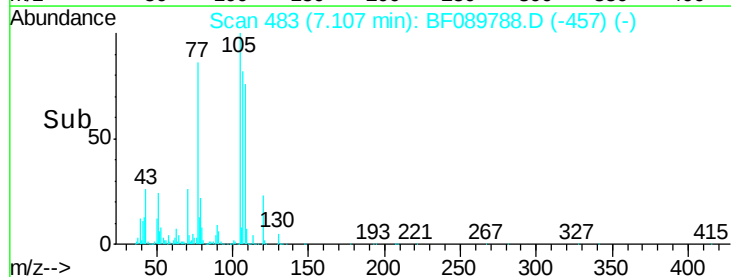
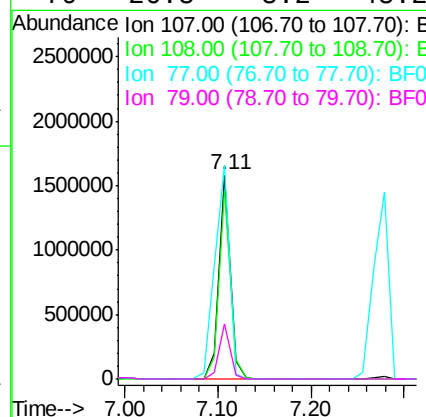
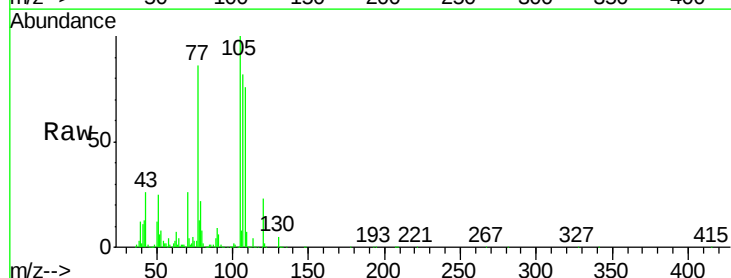
Instrument :
BNA_F
ClientSampleId :

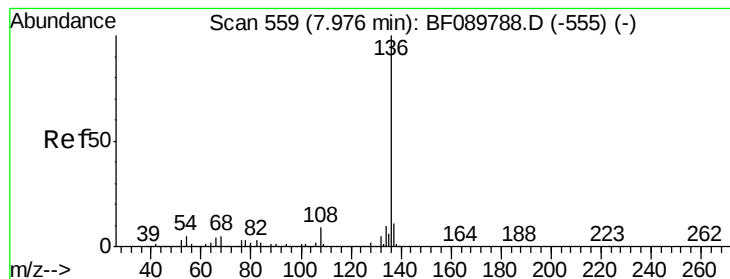
Tot Ion: 70 Resp: 1060898
Ion Ratio Lower Upper
70 100
42 46.8 46.3 69.5
101 10.1 7.0 10.6
130 24.4 14.4 21.6#



#20
3+4-Methylphenols
Concen: 33.91 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:107 Resp: 1326752
Ion Ratio Lower Upper
107 100
108 92.6 68.2 108.2
77 104.9 122.3 162.3#
79 26.8 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2186756

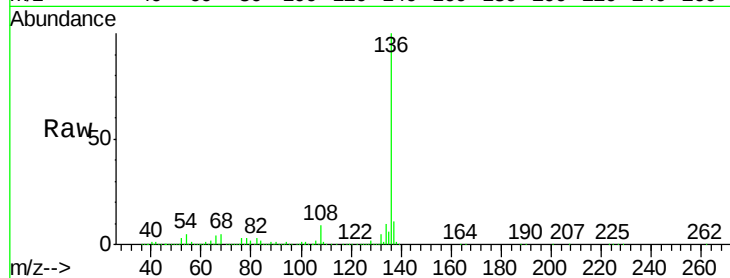
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.1 7.2 10.8#

68 5.0 5.8 8.8#

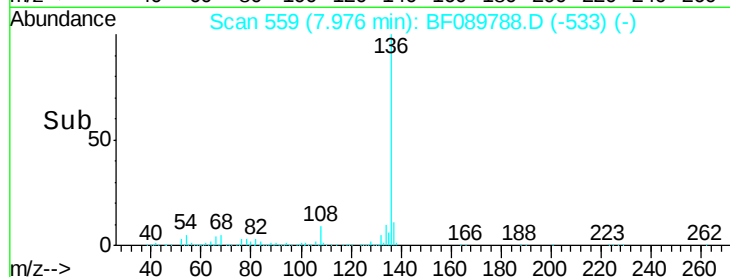


Abundance Ion 136.00 (135.70 to 136.70): E

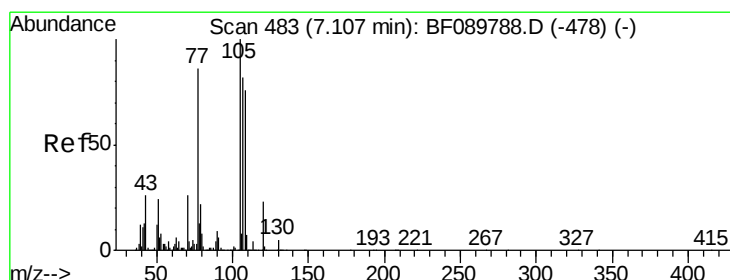
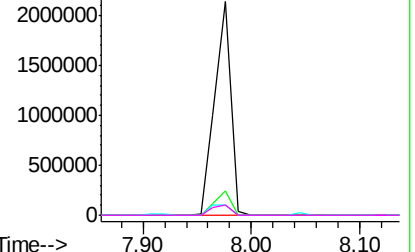
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.76 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:105 Resp: 2071754

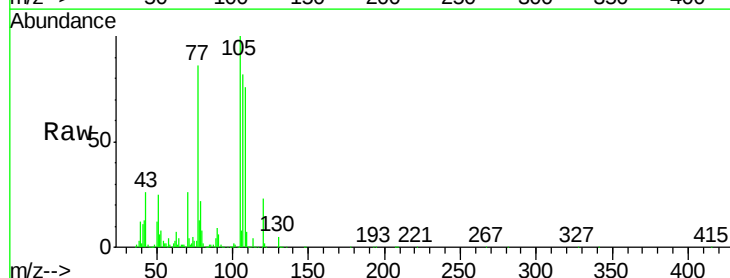
Ion Ratio Lower Upper

105 100

71 4.4 1.9 2.9#

51 24.5 28.5 42.7#

120 23.2 16.6 25.0

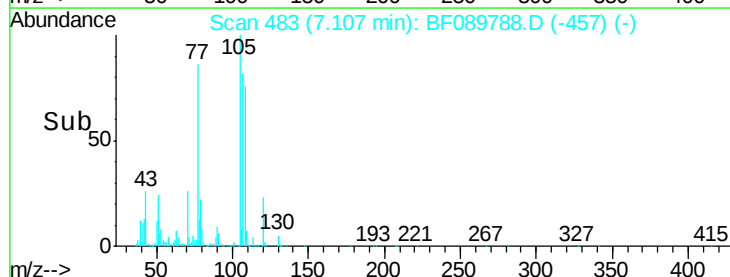


Abundance Ion 105.00 (104.70 to 105.70): E

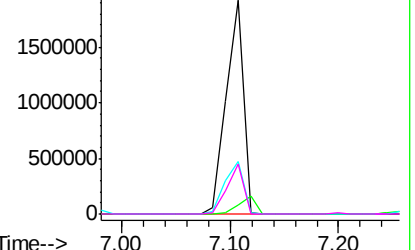
Ion 71.00 (70.70 to 71.70): BF0

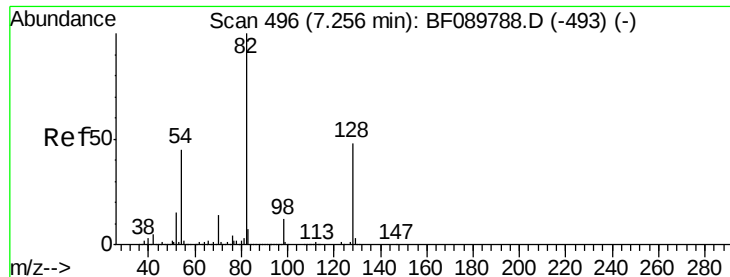
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

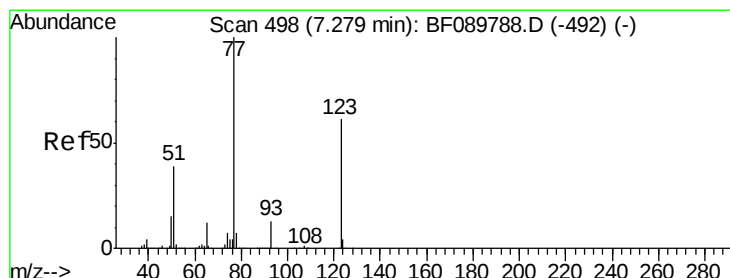
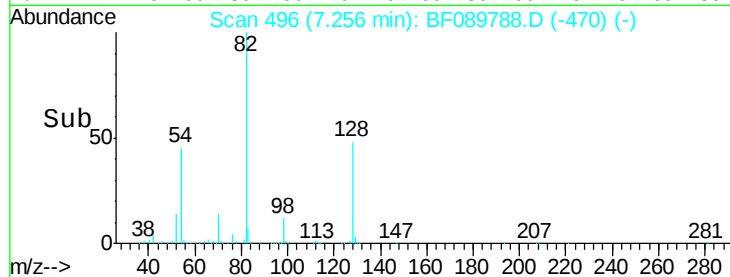
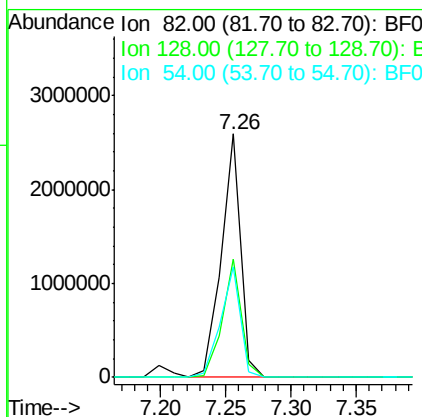
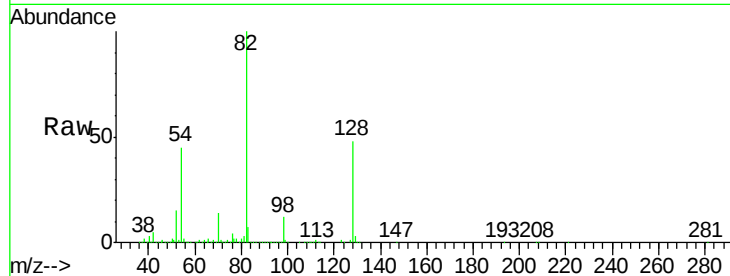




#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

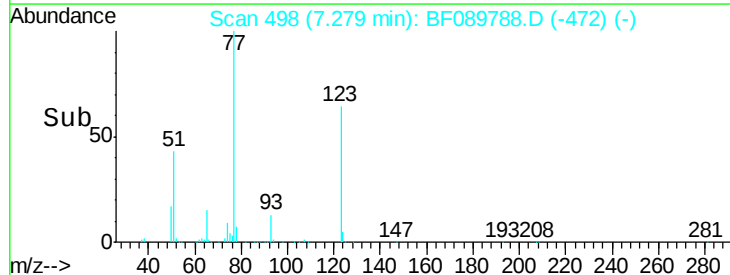
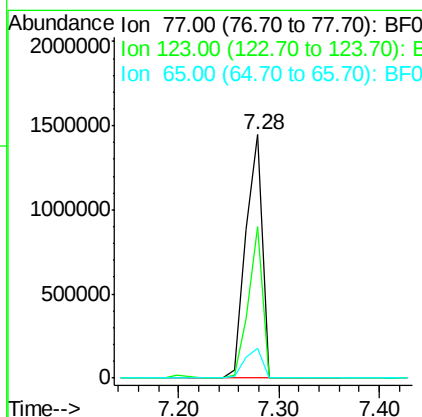
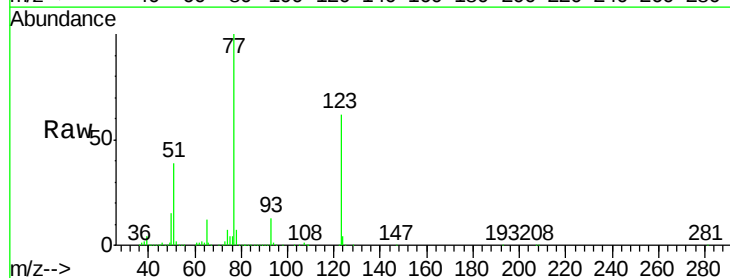
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2685969
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.4 51.6
 54 45.3 40.3 60.5



#24
 Nitrobenzene
 Concen: 40.66 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion: 77 Resp: 1637773
 Ion Ratio Lower Upper
 77 100
 123 62.0 36.2 54.2#
 65 12.4 10.6 15.8





#25

Isophorone

Concen: 39.82 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

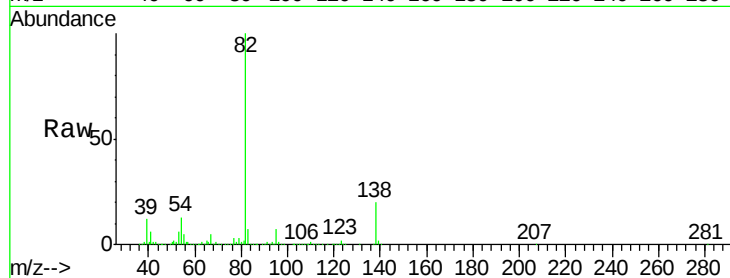
Tot Ion: 82 Resp: 2853049

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

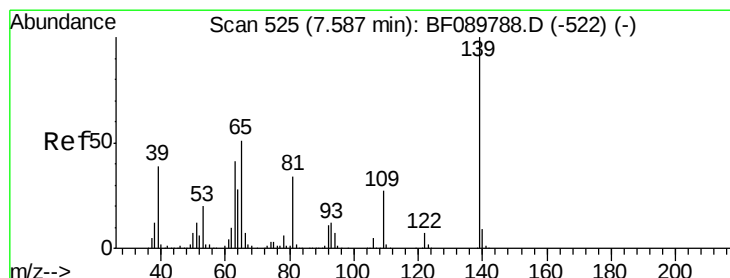
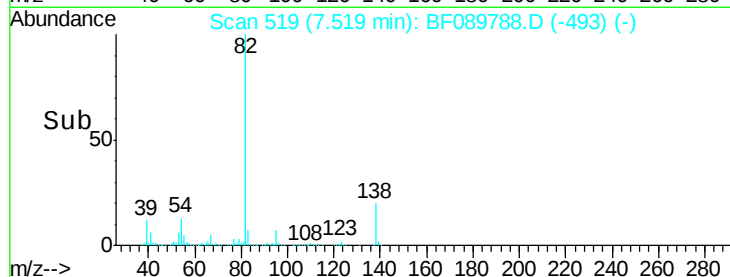
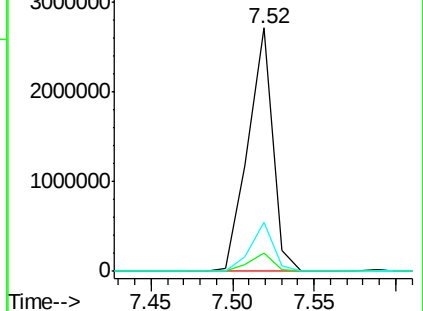
138 20.3 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.94 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

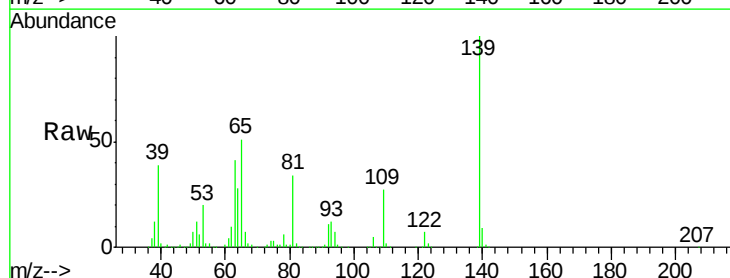
Tgt Ion: 139 Resp: 738044

Ion Ratio Lower Upper

139 100

109 27.5 19.5 29.3

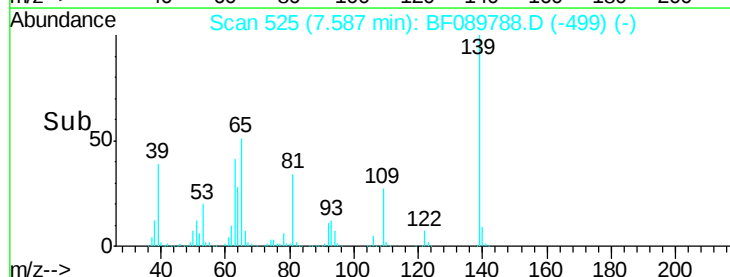
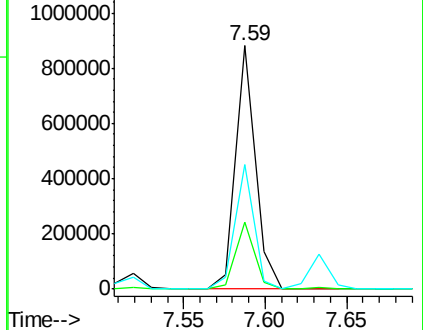
65 51.0 26.5 39.7#

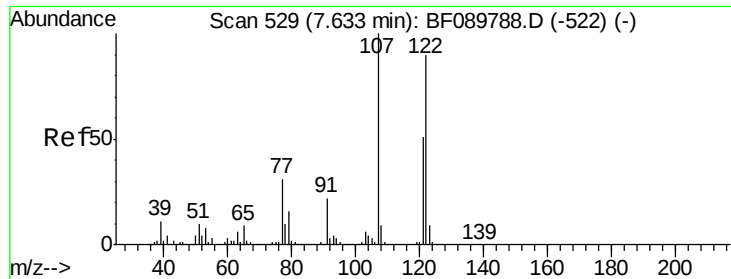


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.33 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

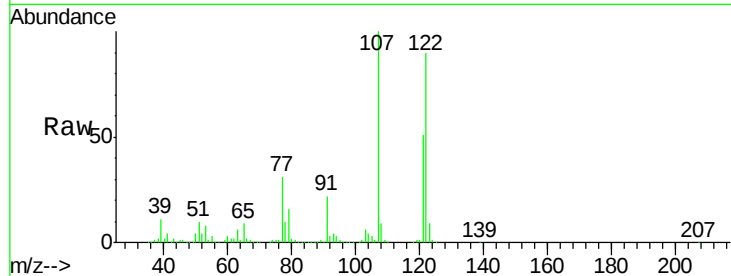
Tot Ion:122 Resp: 1305261

Ion Ratio Lower Upper

122 100

107 111.7 84.8 127.2

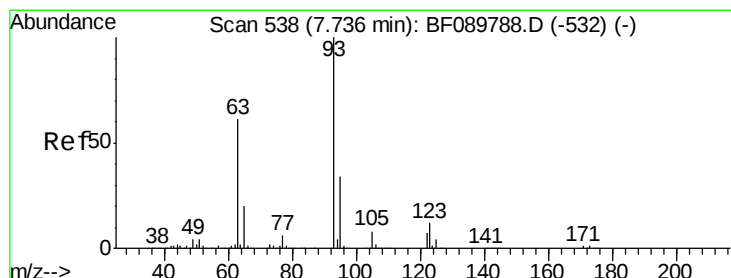
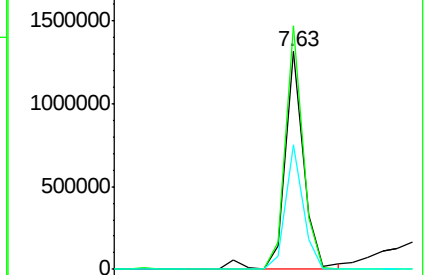
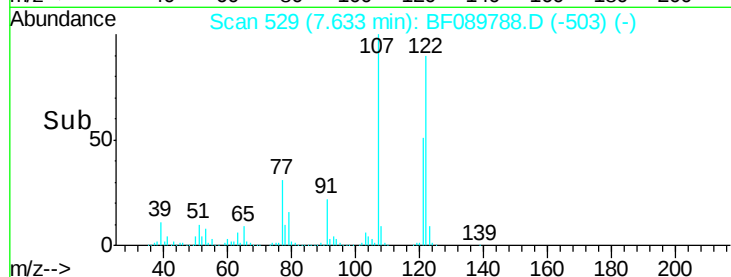
121 56.9 47.0 70.6



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: 42.94 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

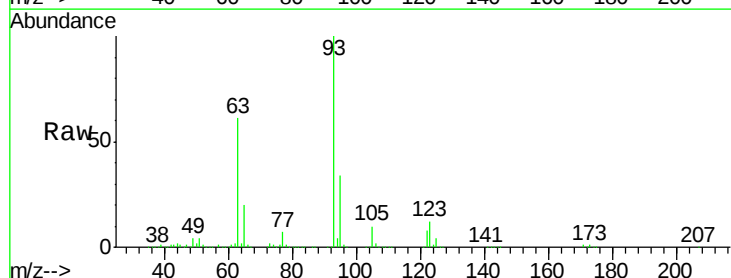
Tgt Ion: 93 Resp: 1869487

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

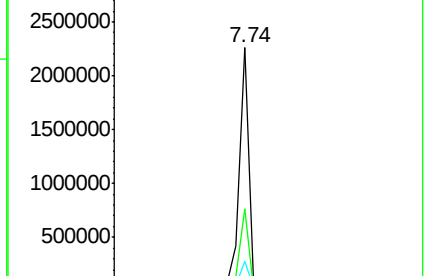
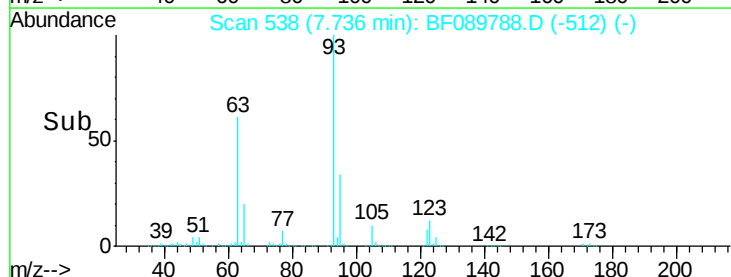
123 12.4 8.5 12.7

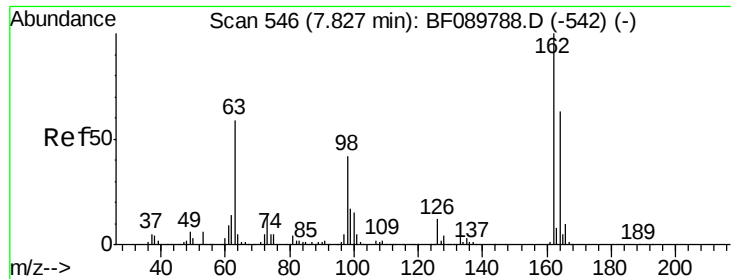


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.81 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

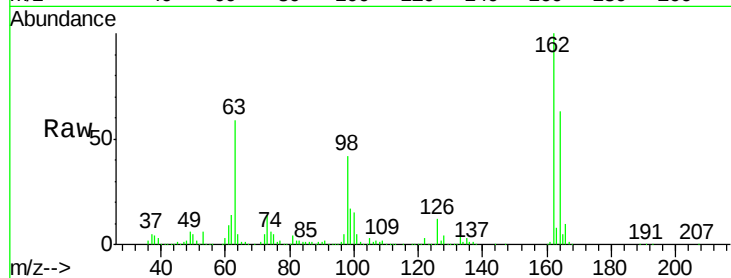
Instrument :

BNA_F

ClientSampleId :

Tot Ion:162 Resp: 1131087

Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.5	85.5
98	42.0	12.4	52.4

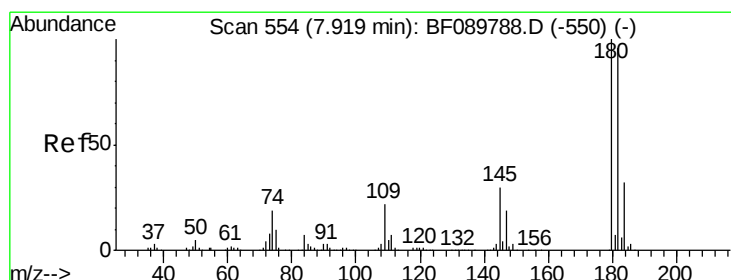
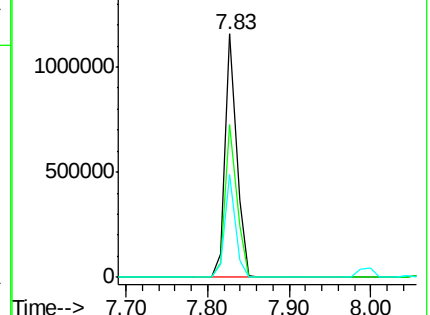
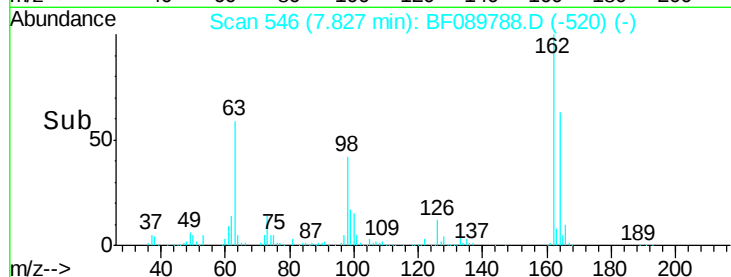


Abundance

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: 41.85 ng

RT: 7.92 min Scan# 554

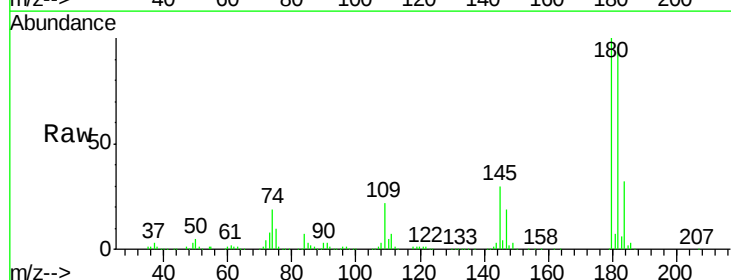
Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:180 Resp: 1343774

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.5	113.3
145	29.7	28.7	43.1

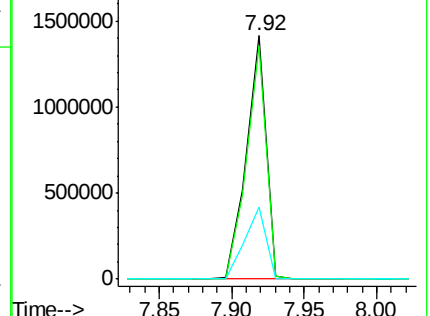
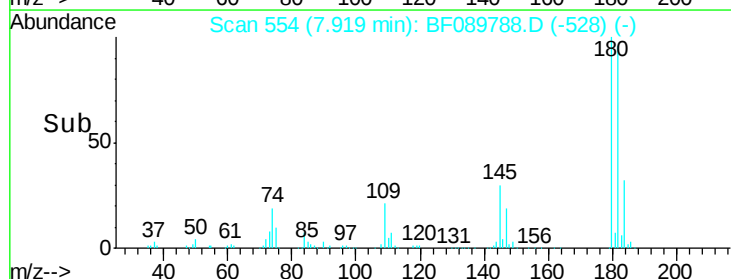


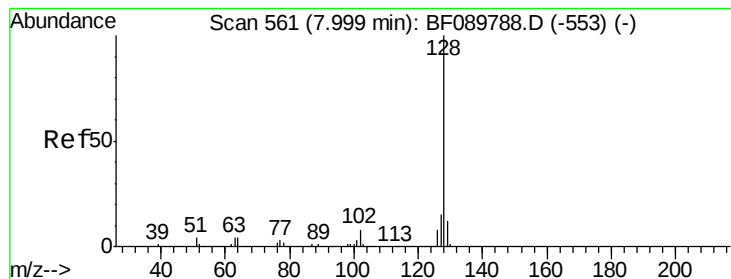
Abundance

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: 41.49 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampled :

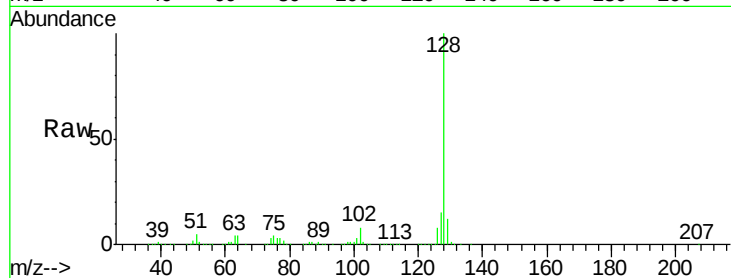
Tot Ion:128 Resp: 4072451

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

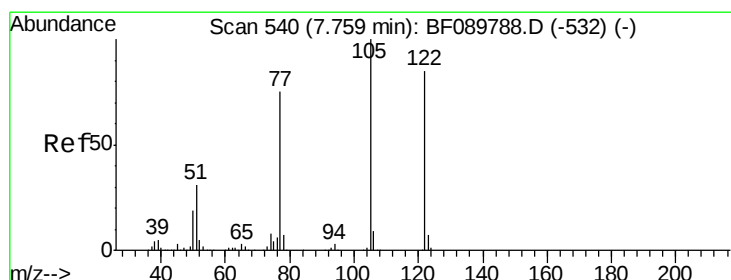
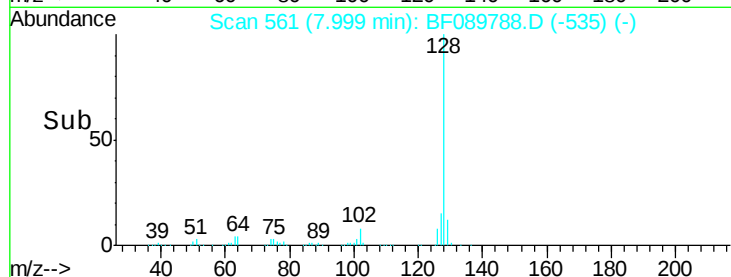
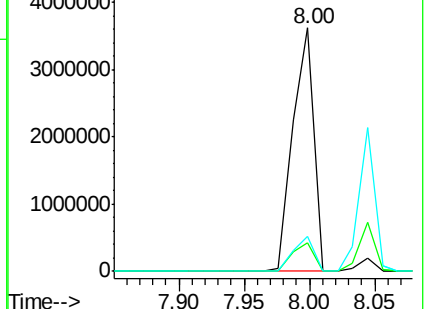
127 14.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.29 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

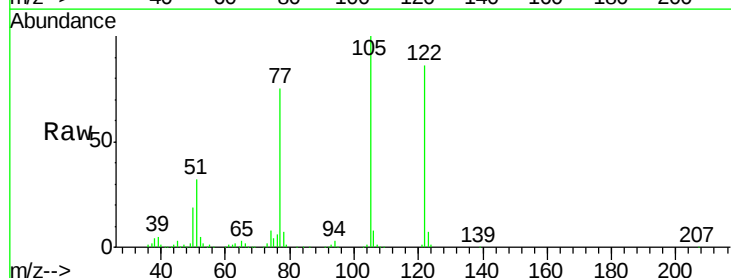
Tgt Ion:122 Resp: 1097535

Ion Ratio Lower Upper

122 100

105 116.6 100.8 140.8

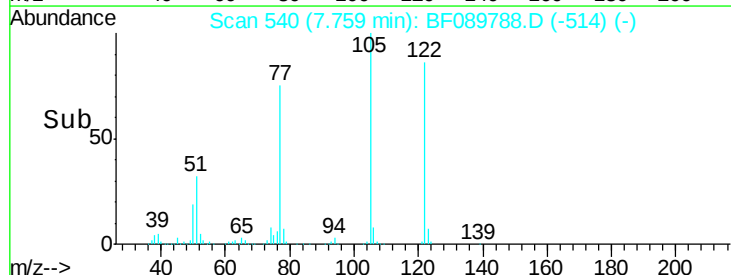
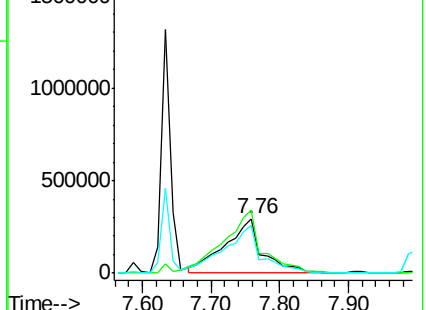
77 88.0 72.1 112.1

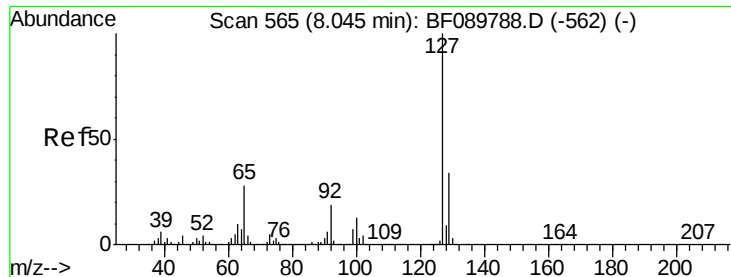


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

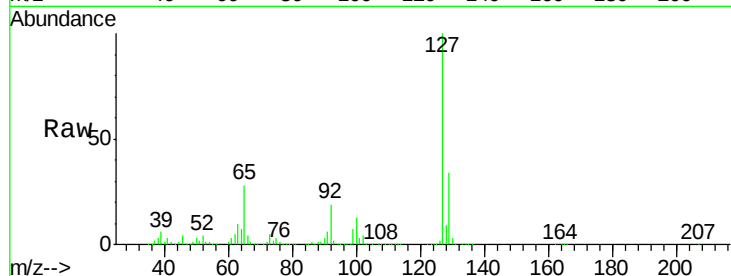




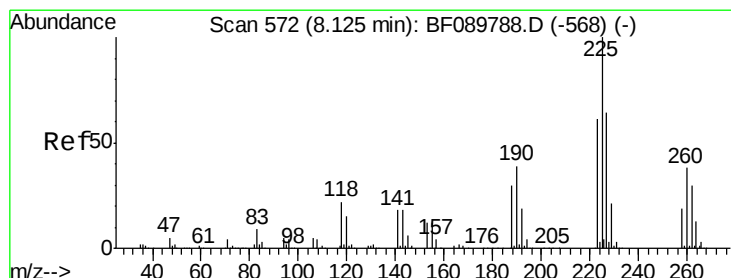
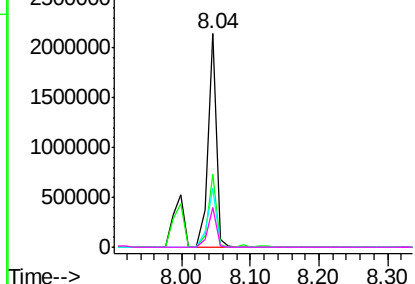
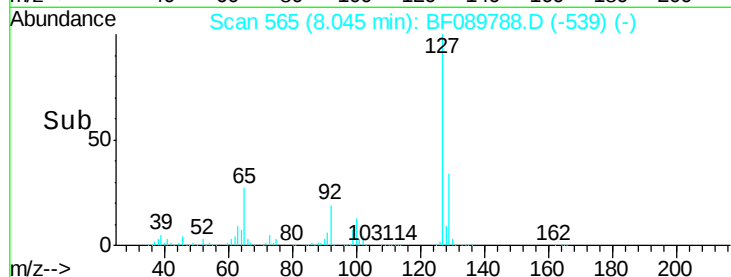
#33
4-Chloroaniline
Concen: 39.69 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1802618
Ion Ratio Lower Upper
127 100
129 34.2 27.0 40.6
65 27.7 14.7 22.1#
92 18.7 11.7 17.5#

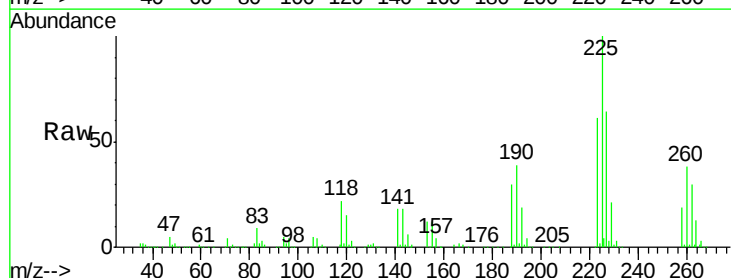


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

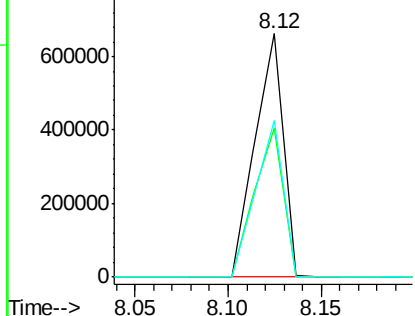
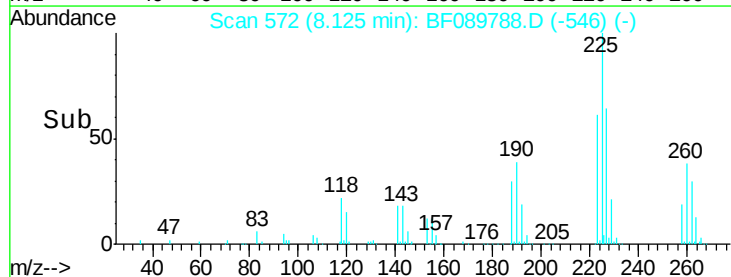


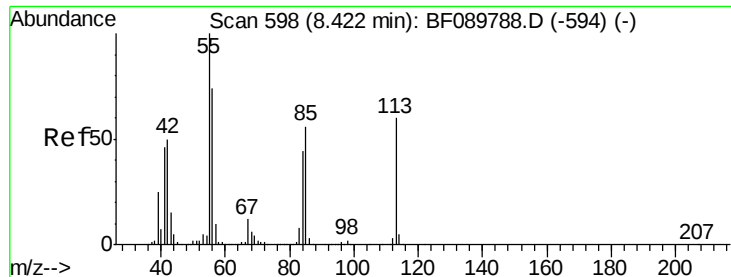
#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:225 Resp: 687489
Ion Ratio Lower Upper
225 100
223 61.2 51.0 76.6
227 64.4 49.8 74.6



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

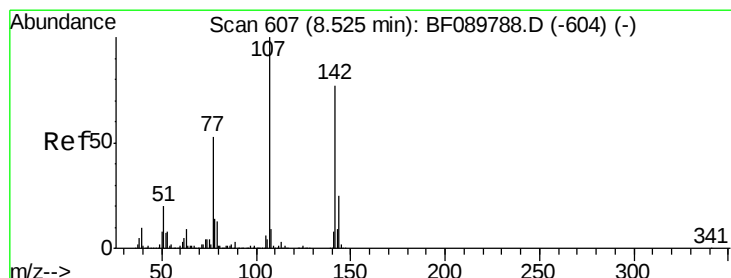
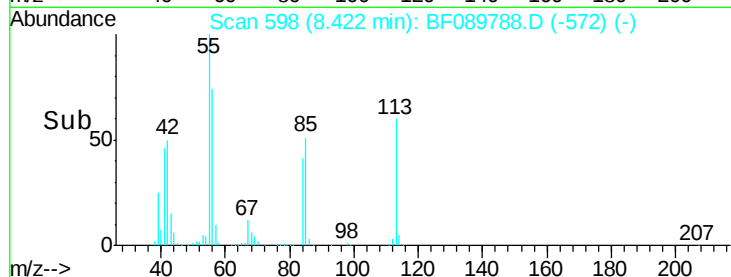
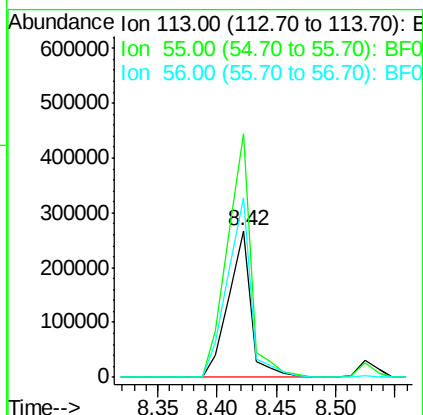
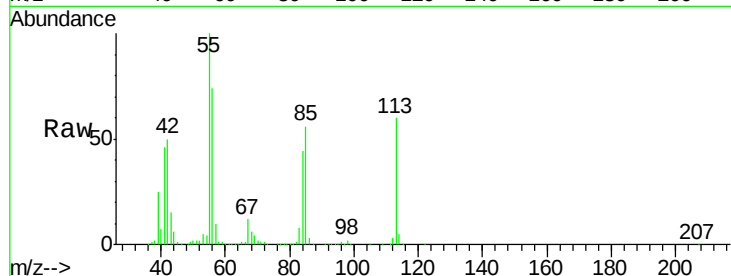




#35
 Caprolactam
 Concen: 38.51 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

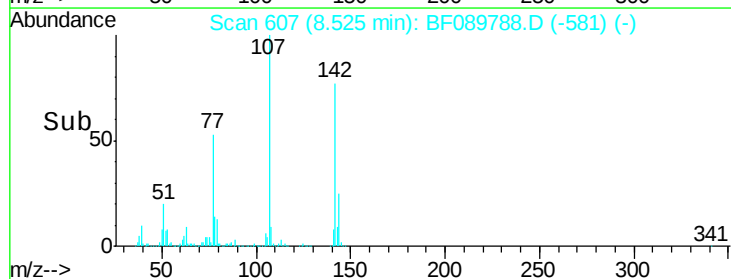
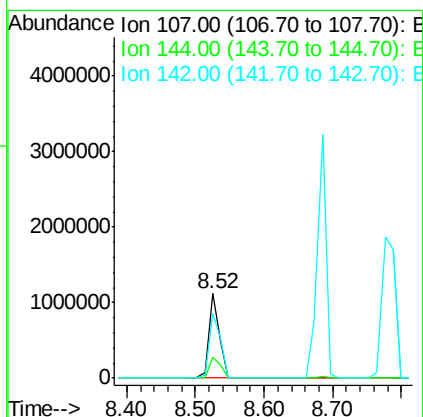
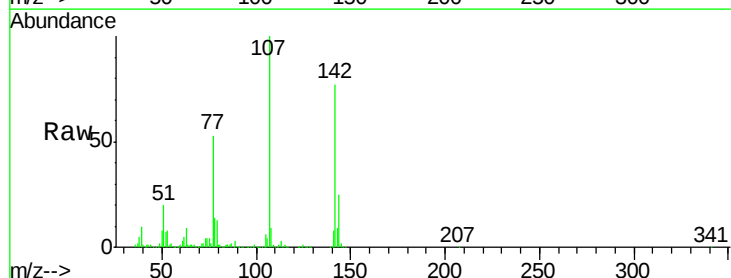
Instrument :
 BNA_F
 ClientSampleId :

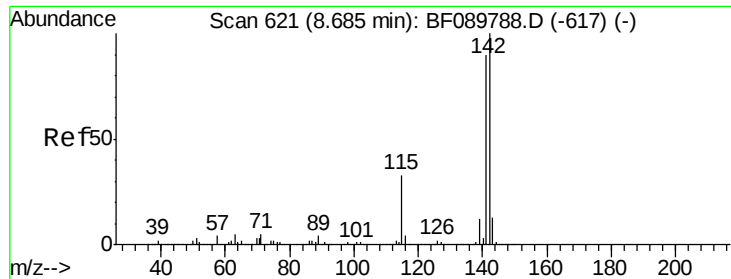
Tot Ion:113 Resp: 355004
 Ion Ratio Lower Upper
 113 100
 55 166.0 135.9 175.9
 56 122.7 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.00 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:107 Resp: 1172446
 Ion Ratio Lower Upper
 107 100
 144 25.2 22.6 34.0
 142 76.5 69.3 103.9

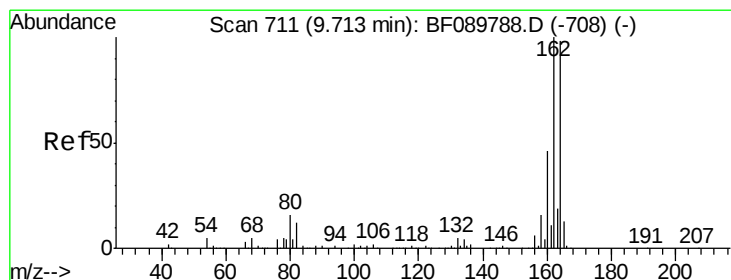
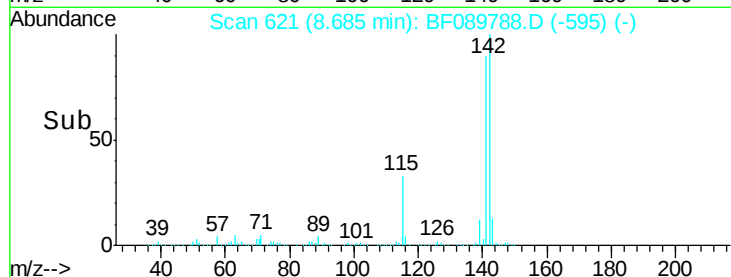
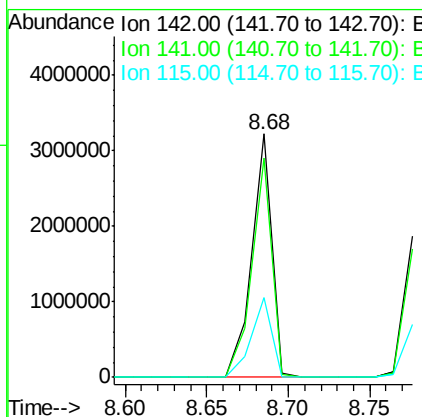
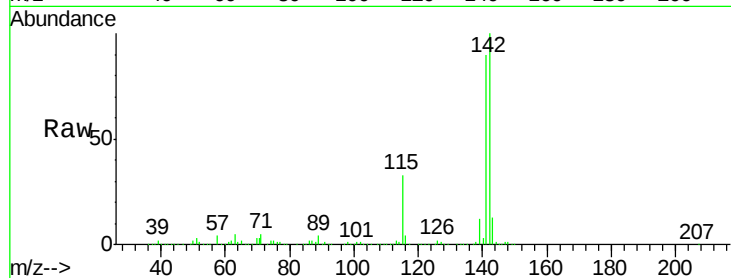




#37
2-Methylnaphthalene
Concen: 41.22 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

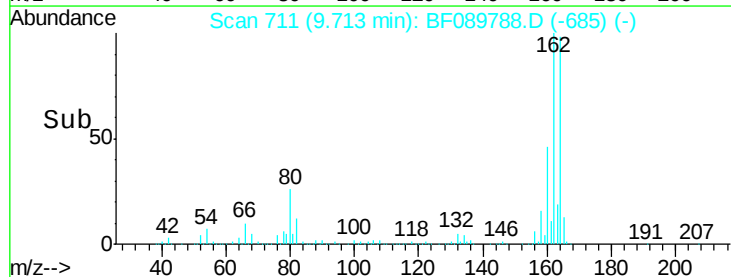
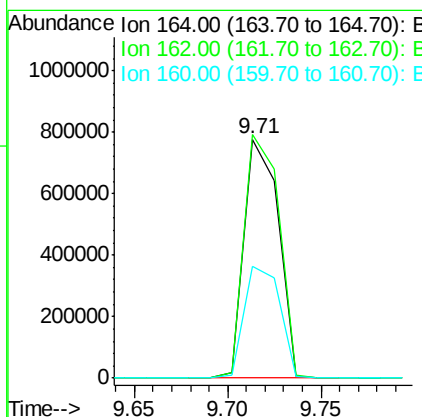
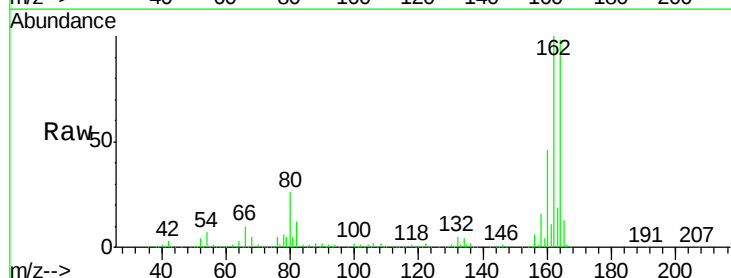
Instrument :
BNA_F
ClientSampleId :

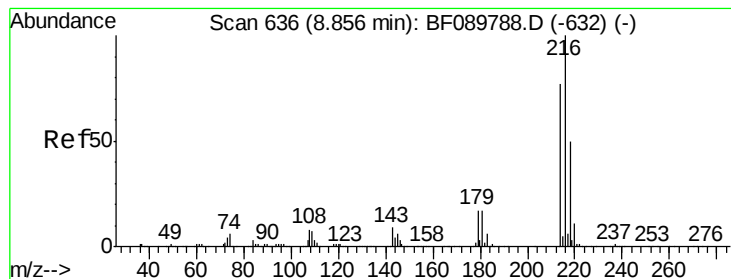
Tot Ion:142 Resp: 2753851
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 32.8 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:164 Resp: 989575
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.2
160 46.7 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.79 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1329449

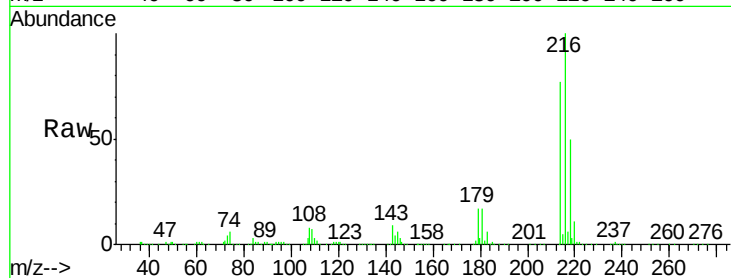
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	21.3	19.9	29.9
108	18.5	19.9	29.9

216 100

214 79.2 63.5 95.3

179 21.3 19.9 29.9

108 18.5 19.9 29.9#

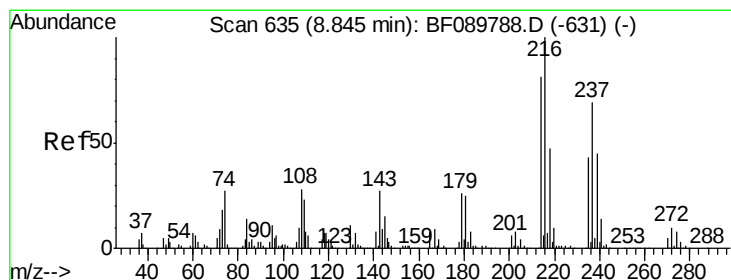
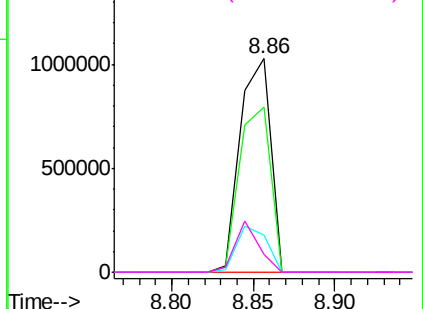
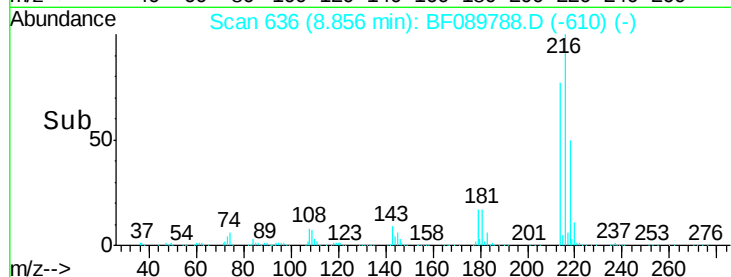


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.20 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

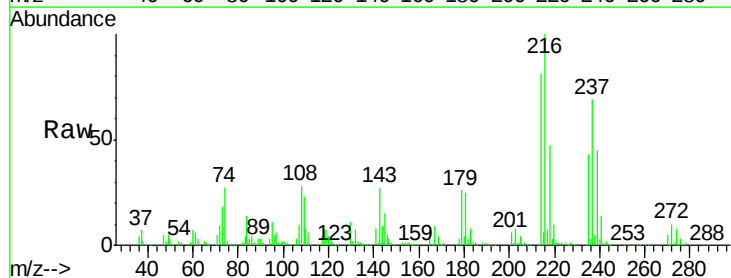
Tgt Ion:237 Resp: 498996

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	14.2	0.0	31.6

237 100

235 63.1 43.7 83.7

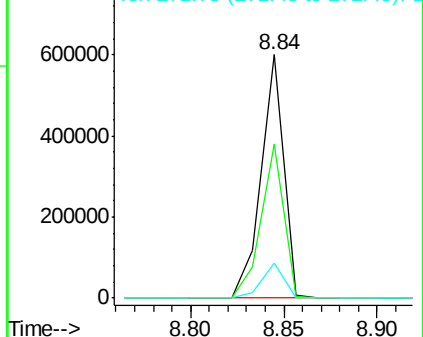
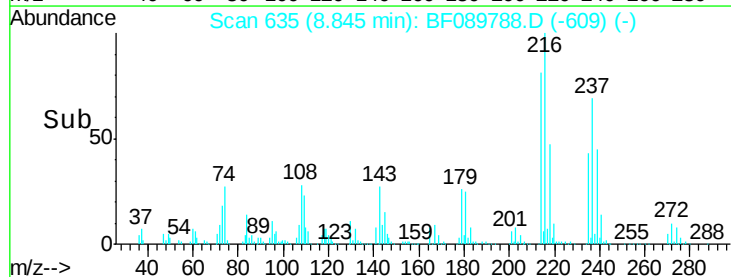
272 14.2 0.0 31.6

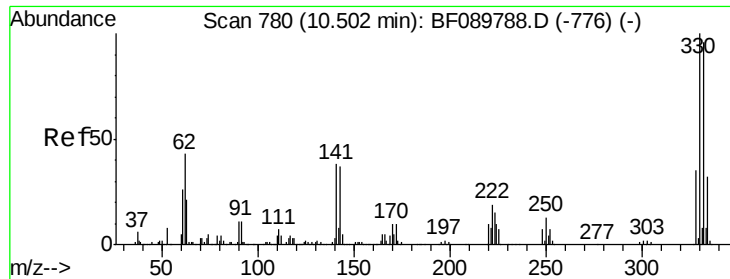


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

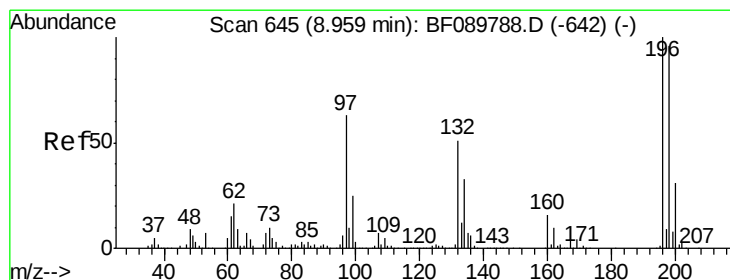
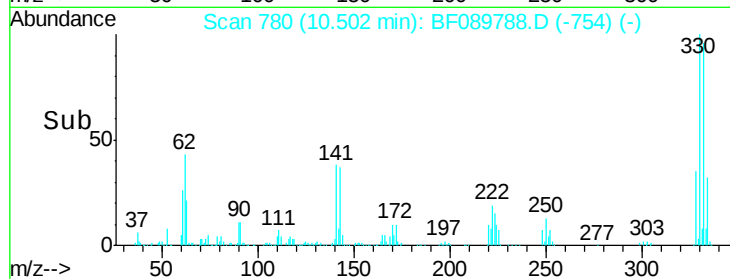
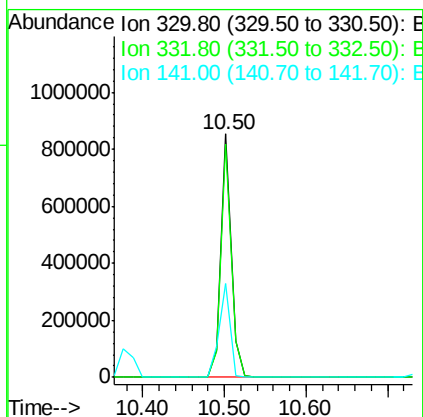
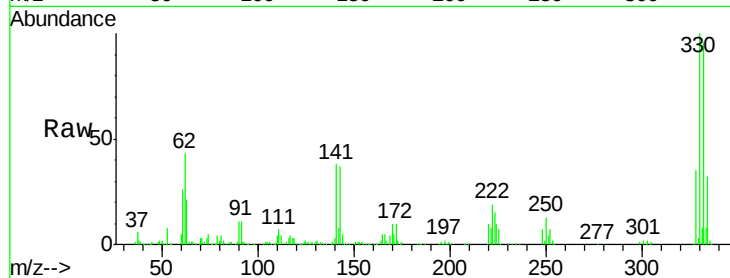




#41
 2,4,6-Tribromophenol
 Concen: 78.35 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

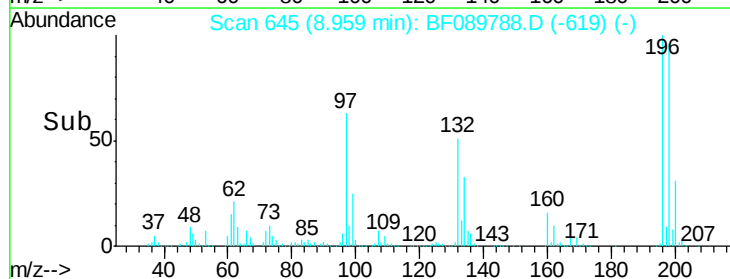
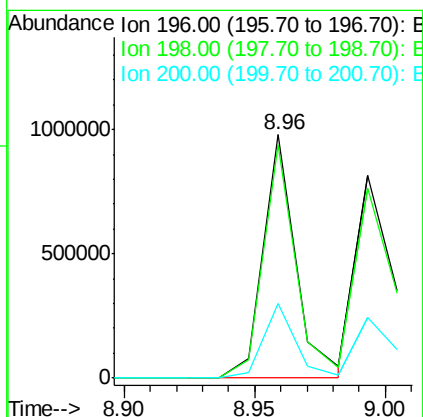
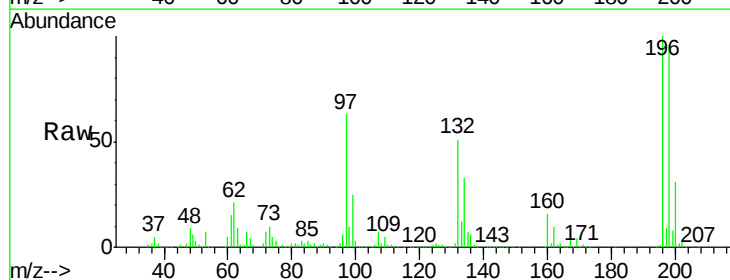
Instrument :
 BNA_F
 ClientSampled :

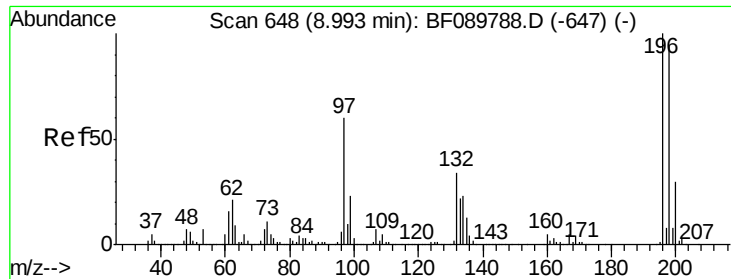
Tot Ion:330 Resp: 750093
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 41.3 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:196 Resp: 859412
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 30.6 24.6 36.8

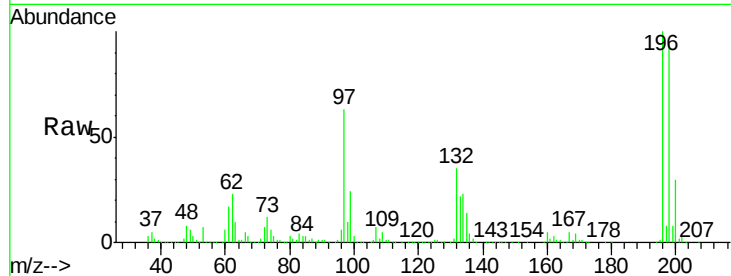




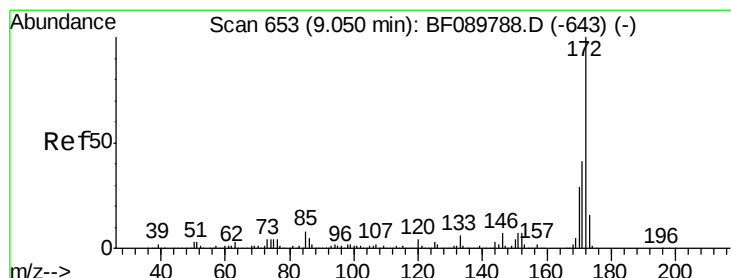
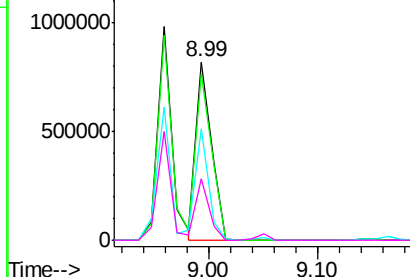
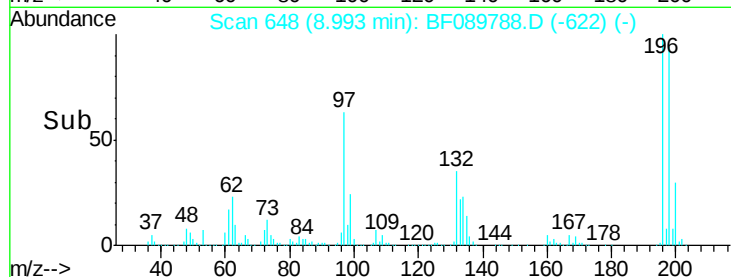
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.6	114.8
97	62.6	35.8	53.8
132	34.9	23.5	35.3

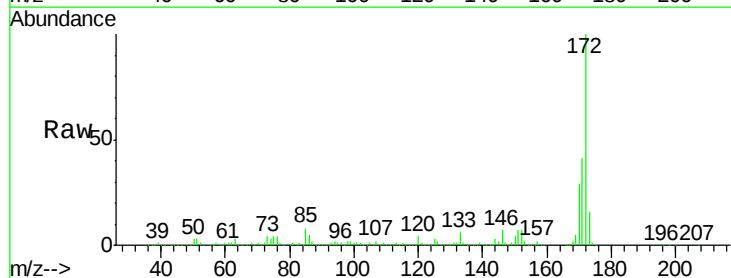


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

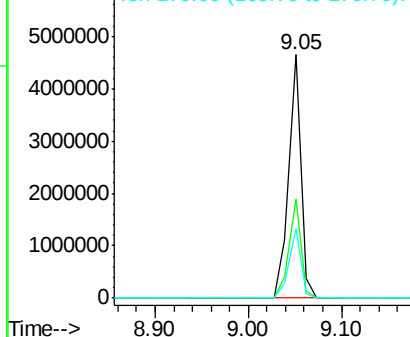
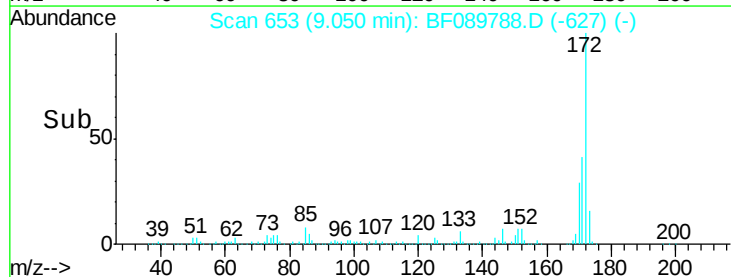


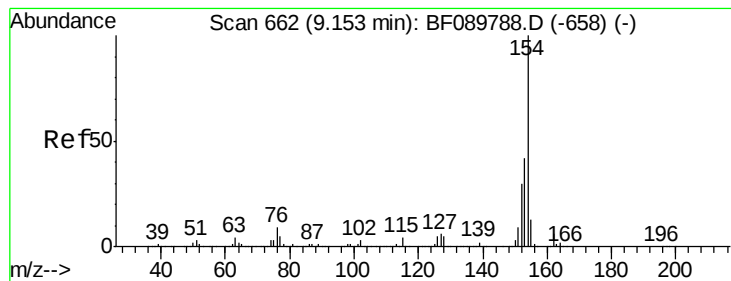
#44
 2-Fluorobiphenyl
 Concen: 68.55 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	30.5	45.7
170	28.5	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: 40.11 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

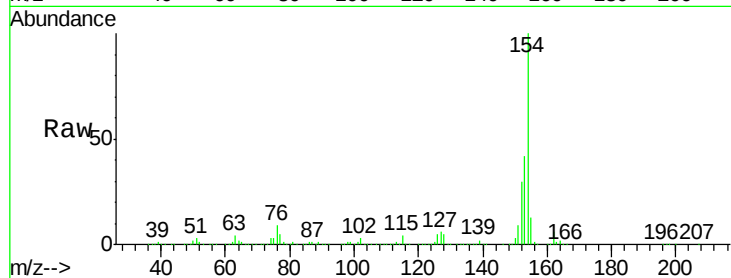
Tot Ion:154 Resp: 3287514

Ion Ratio Lower Upper

154 100

153 41.9 21.5 61.5

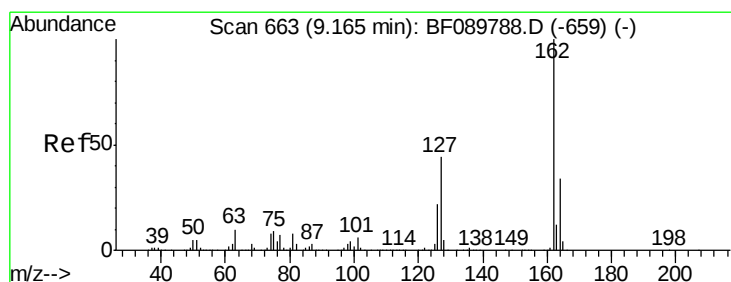
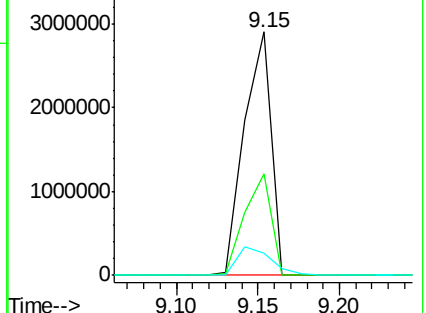
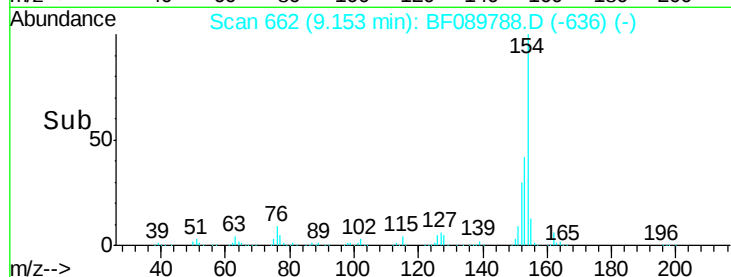
76 8.9 0.0 36.7



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: 39.70 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

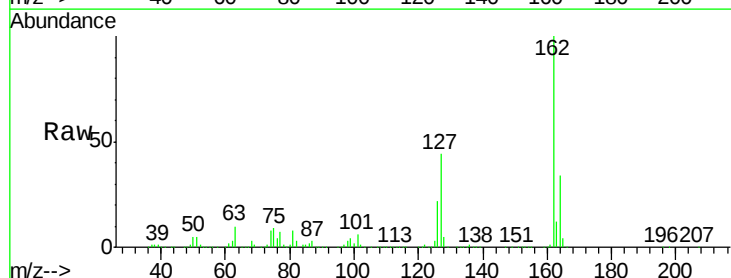
Tgt Ion:162 Resp: 2438030

Ion Ratio Lower Upper

162 100

127 44.3 35.5 53.3

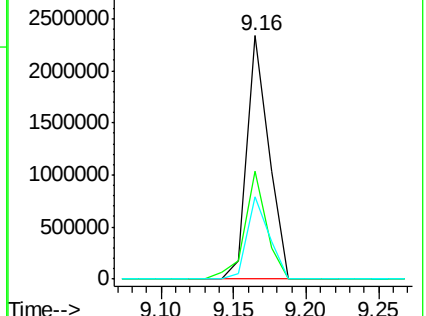
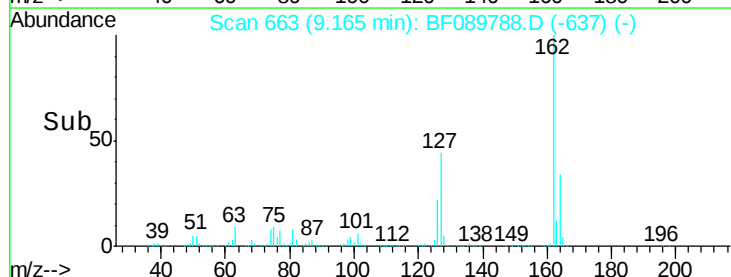
164 34.0 26.6 40.0

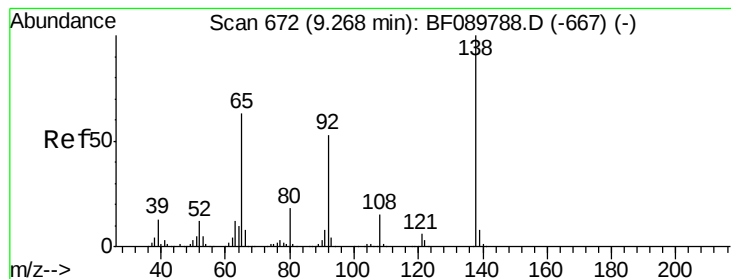


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.96 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampled :

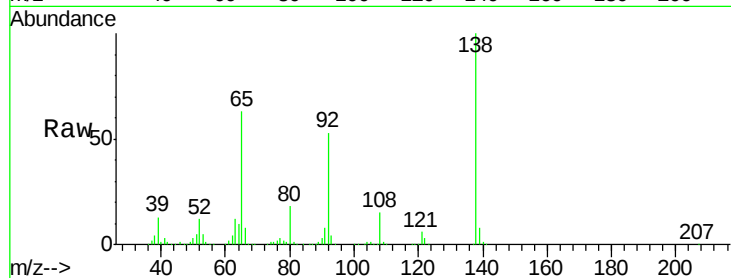
Tot Ion: 65 Resp: 785284

Ion Ratio Lower Upper

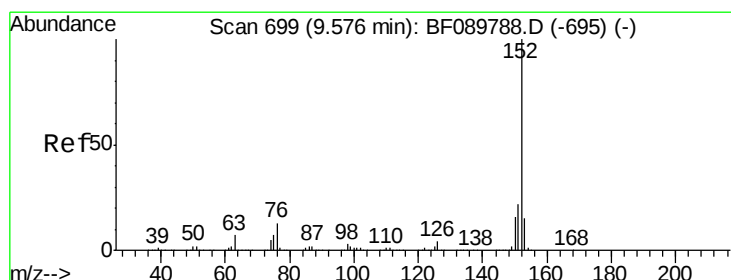
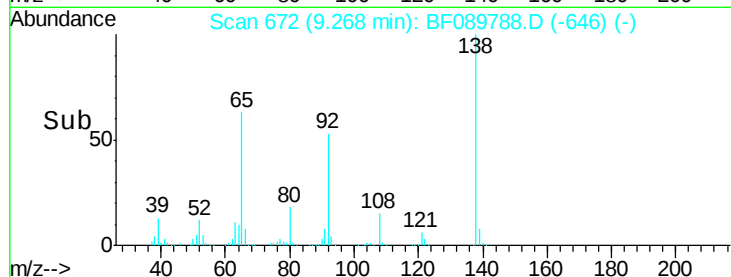
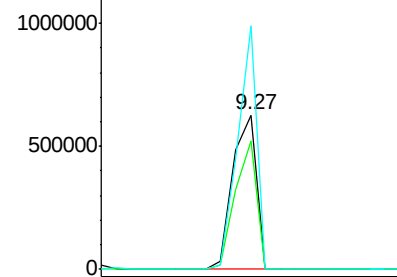
65 100

92 83.3 56.3 84.5

138 158.0 81.8 122.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 38.56 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

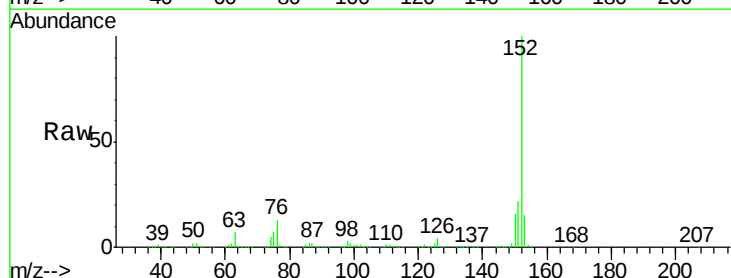
Tgt Ion:152 Resp: 3645847

Ion Ratio Lower Upper

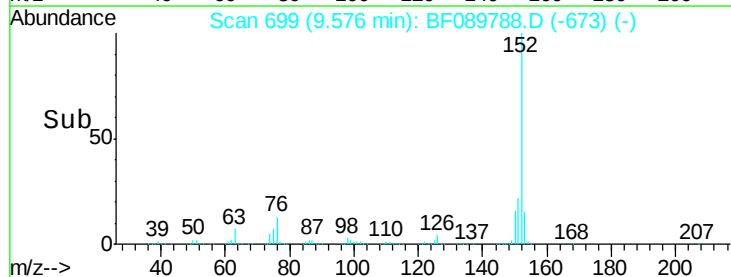
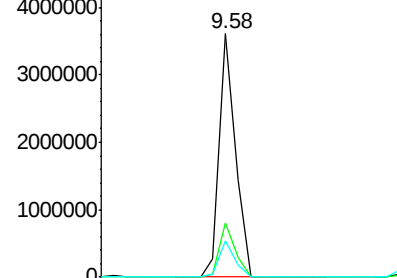
152 100

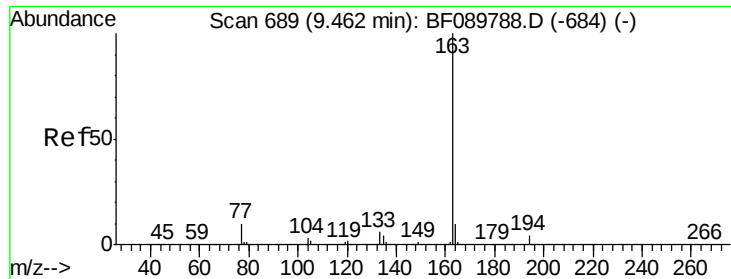
151 22.4 17.1 25.7

153 15.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

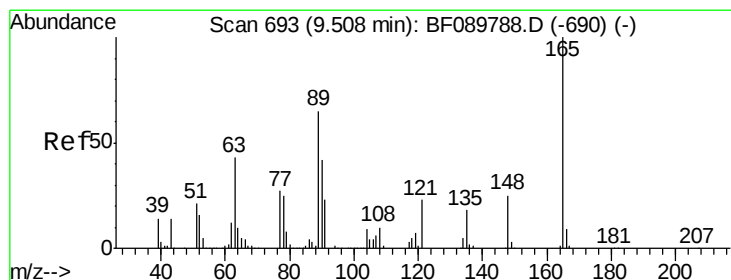
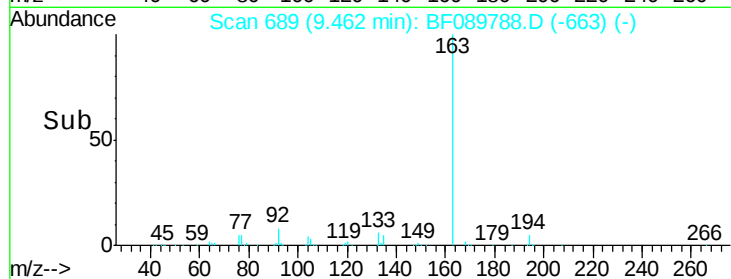
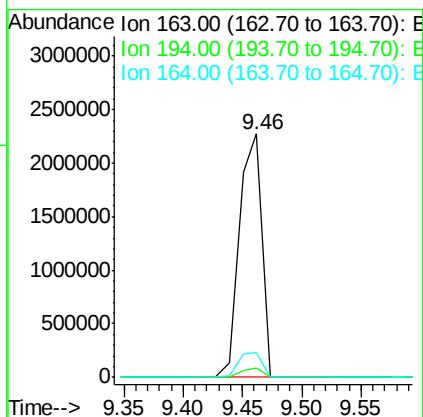
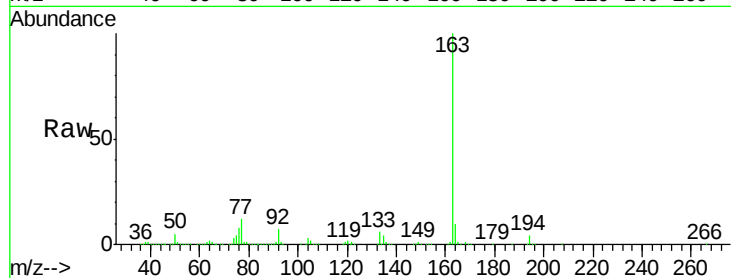




#49
Dimethylphthalate
Concen: 41.43 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

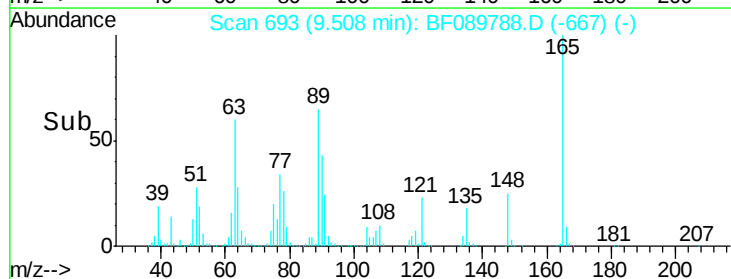
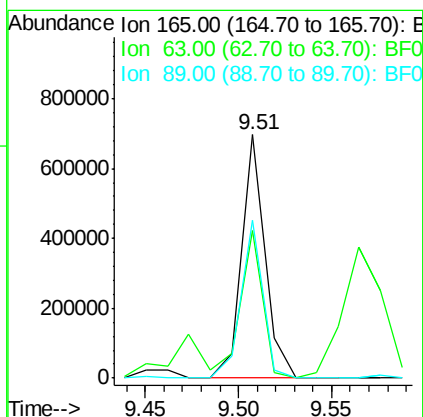
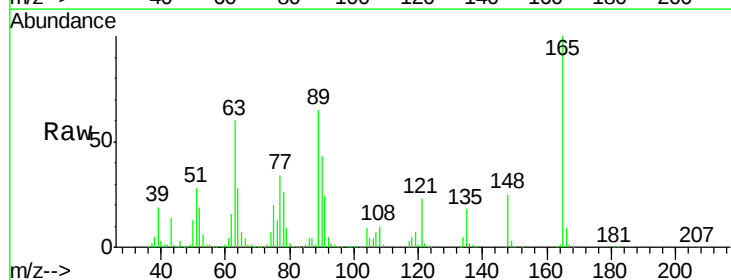
Instrument :
BNA_F
ClientSampleId :

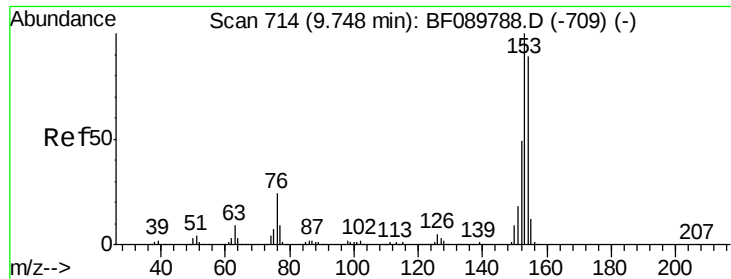
Tot Ion:163 Resp: 2966745
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.1 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 37.39 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:165 Resp: 605947
Ion Ratio Lower Upper
165 100
63 60.5 41.7 62.5
89 64.9 44.6 67.0





#51

Acenaphthene

Concen: 40.02 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

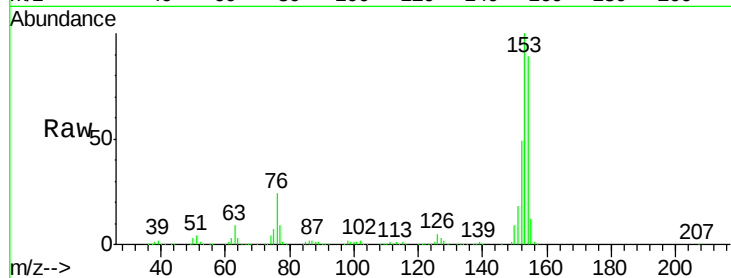
Tot Ion:154 Resp: 2553203

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

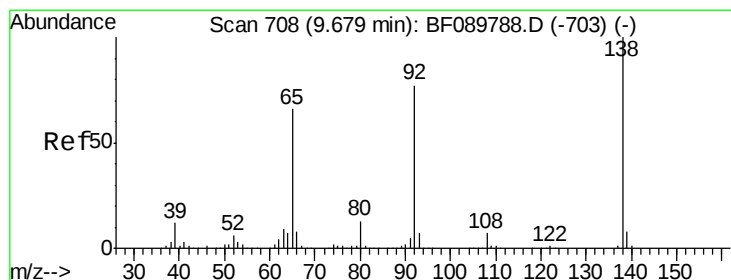
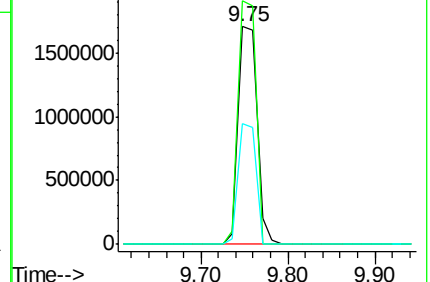
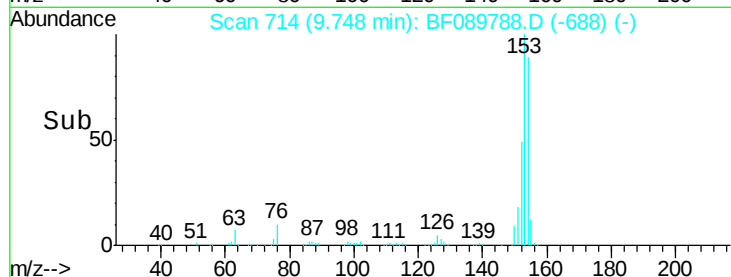
152 55.2 44.6 67.0



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: 42.63 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

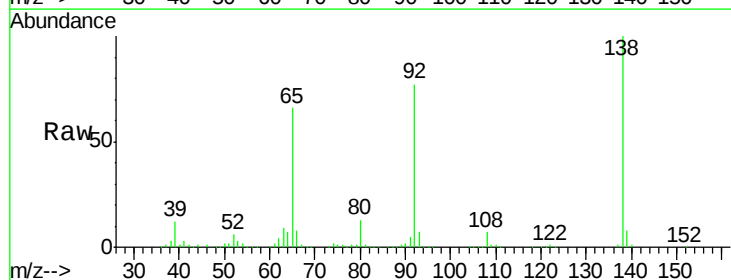
Tgt Ion:138 Resp: 803250

Ion Ratio Lower Upper

138 100

108 7.3 8.1 12.1#

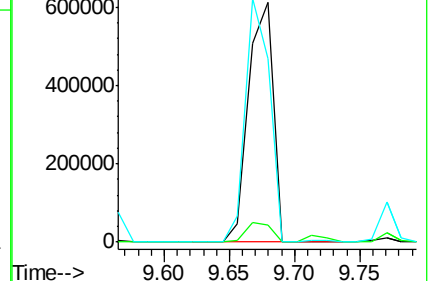
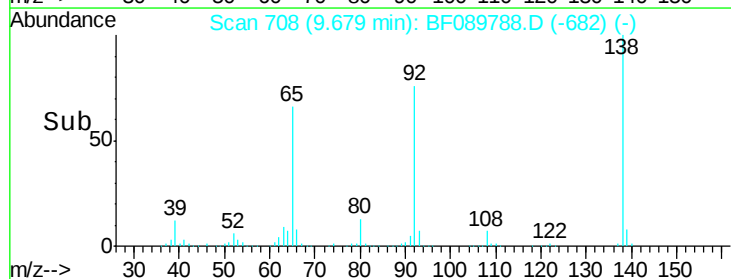
92 76.6 92.7 139.1#

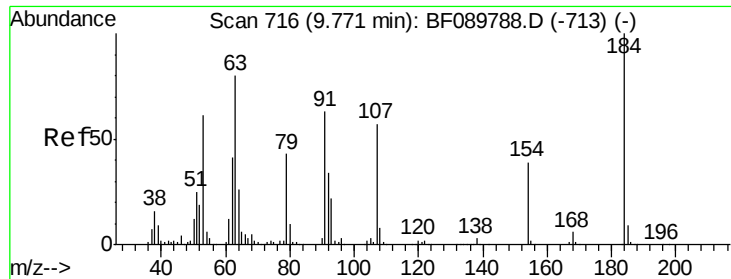


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

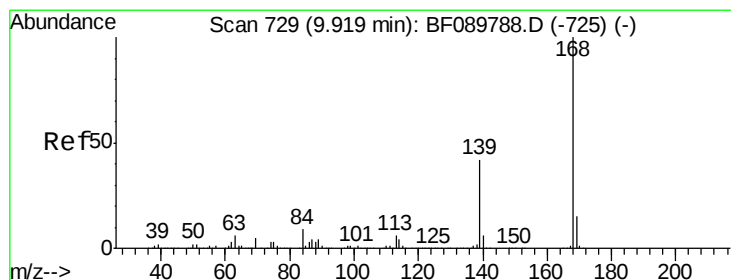
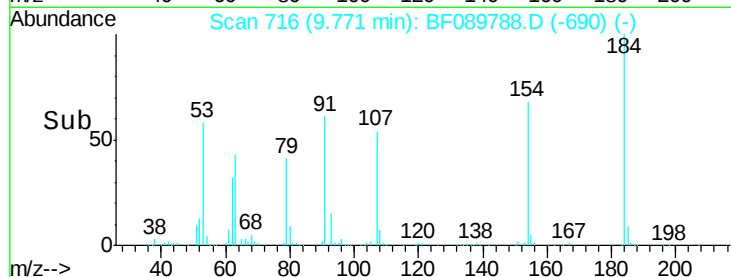
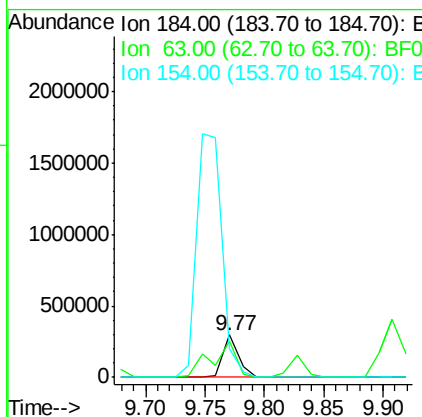
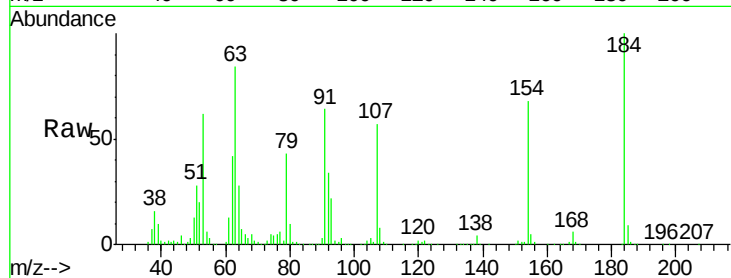




#53
 2,4-Dinitrophenol
 Concen: 46.69 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

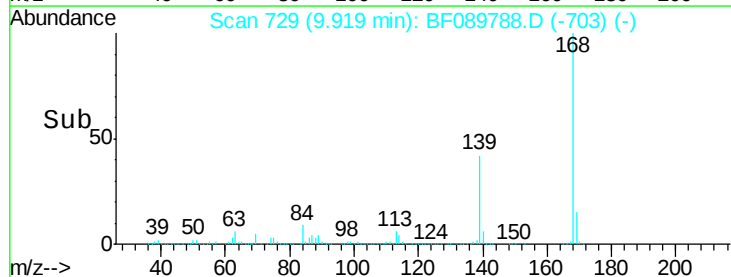
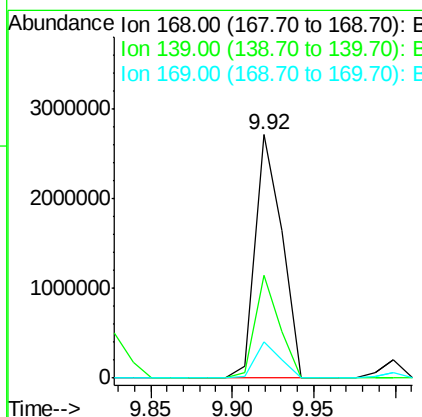
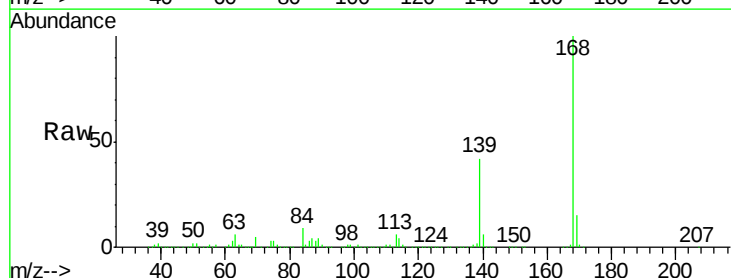
Instrument :
 BNA_F
 ClientSampleId :

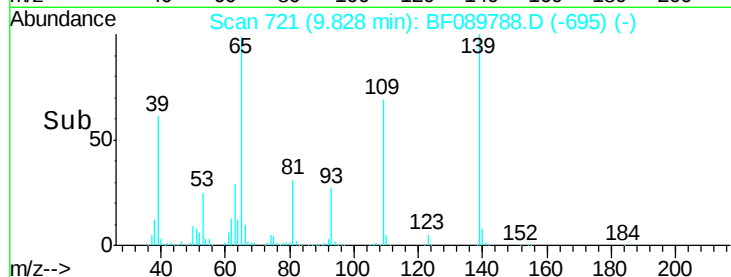
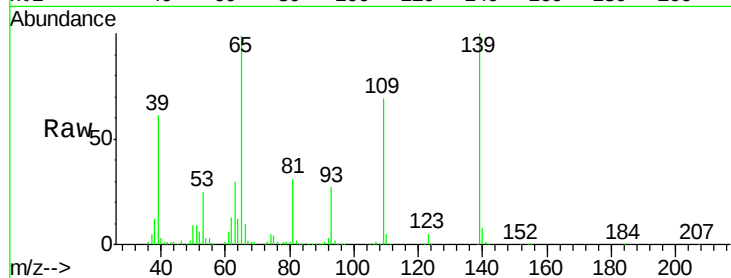
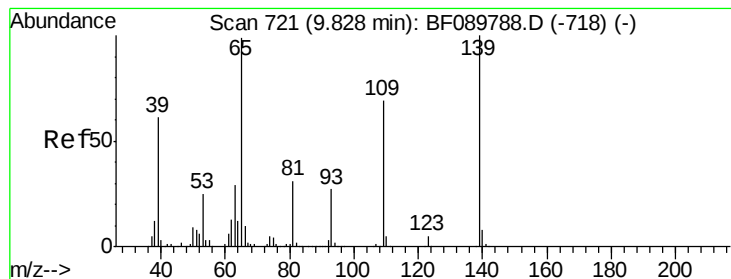
Tot Ion:184 Resp: 268832
 Ion Ratio Lower Upper
 184 100
 63 84.4 54.2 81.4#
 154 68.3 52.7 79.1



#54
 Dibenzofuran
 Concen: 39.36 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:168 Resp: 3090442
 Ion Ratio Lower Upper
 168 100
 139 42.2 34.6 52.0
 169 15.0 11.5 17.3





#55

4-Nitrophenol

Concen: 36.24 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampled :

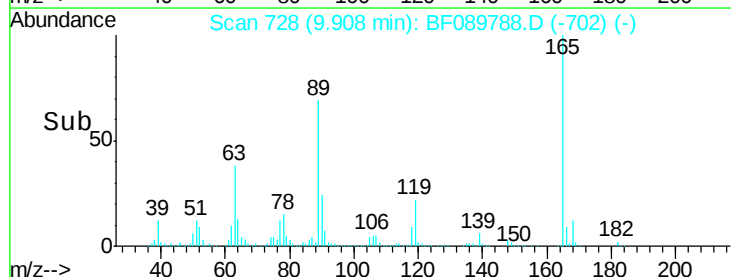
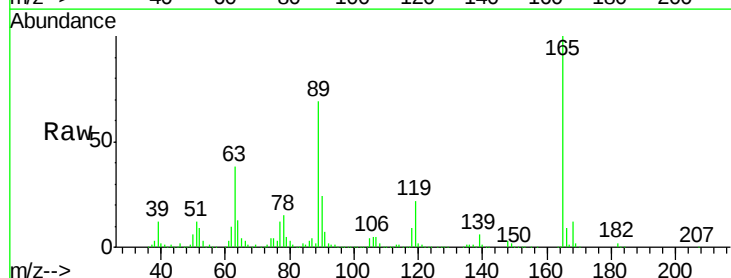
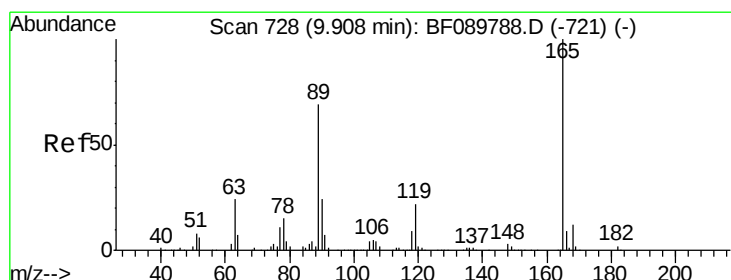
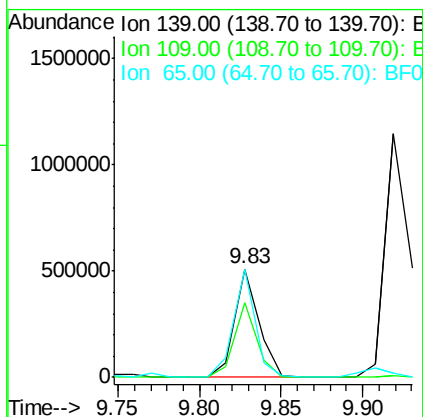
Tot Ion:139 Resp: 525316

Ion Ratio Lower Upper

139 100

109 68.7 43.0 83.0

65 99.3 55.7 95.7#



#56

2,4-Dinitrotoluene

Concen: 45.29 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:165 Resp: 943514

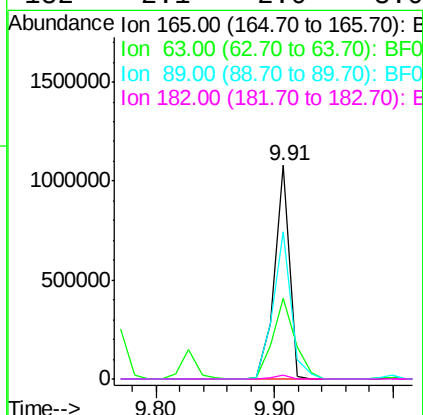
Ion Ratio Lower Upper

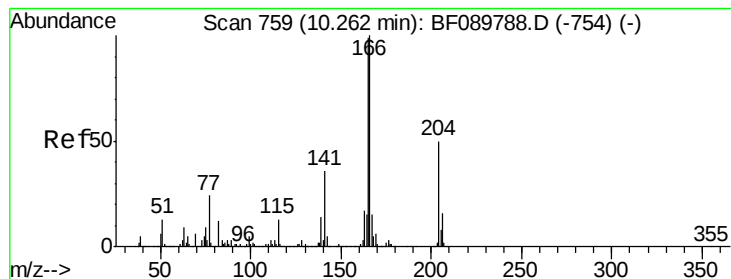
165 100

63 37.7 23.7 35.5#

89 69.0 44.0 66.0#

182 2.1 2.0 3.0





#57

Fluorene

Concen: 36.25 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

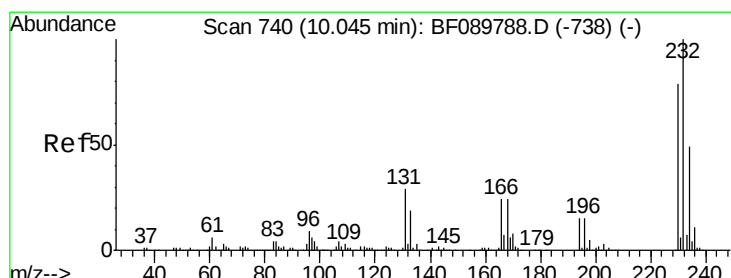
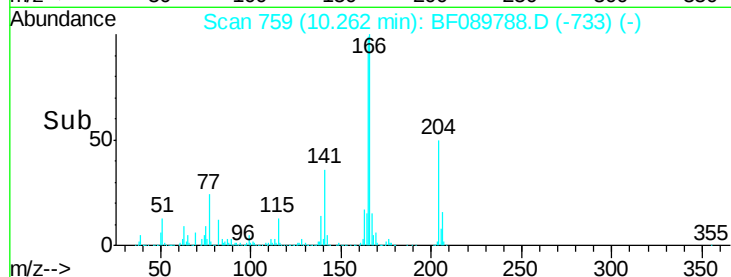
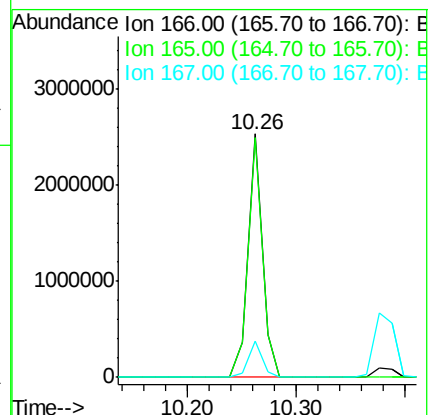
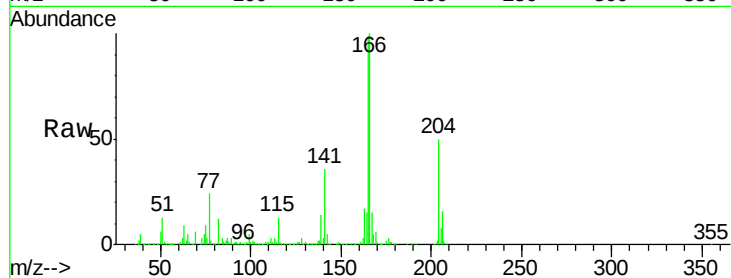
Tot Ion:166 Resp: 2299547

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

167 14.7 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.90 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:232 Resp: 610565

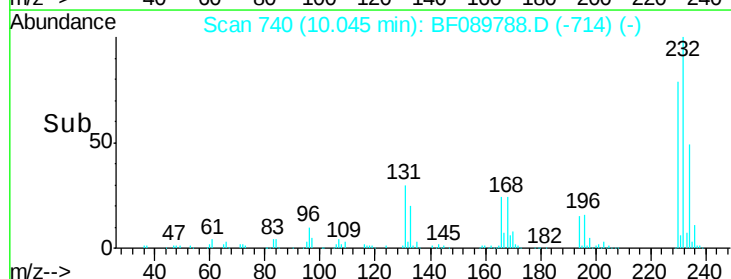
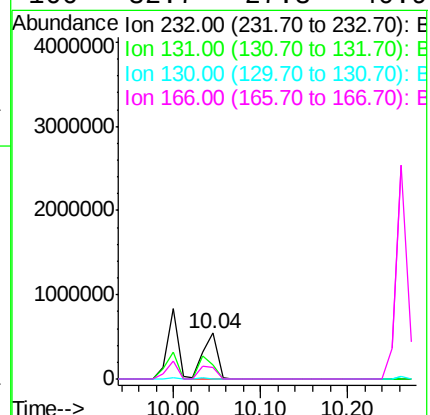
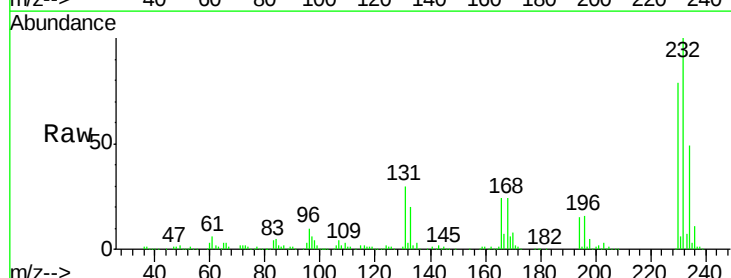
Ion Ratio Lower Upper

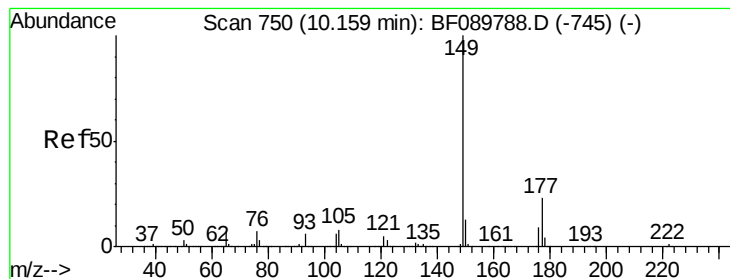
232 100

131 48.9 42.5 63.7

130 2.3 2.2 3.4

166 32.7 27.3 40.9





#59

Diethylphthalate

Concen: 41.79 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

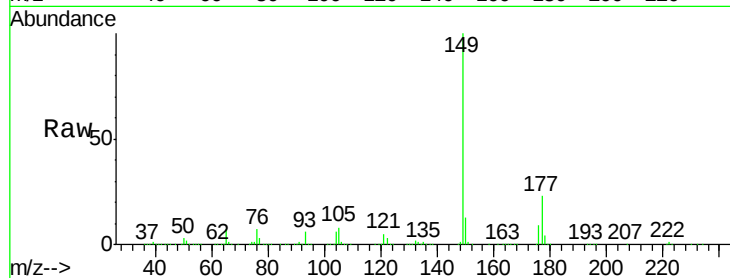
Tot Ion:149 Resp: 3034015

Ion Ratio Lower Upper

149 100

177 23.3 16.6 25.0

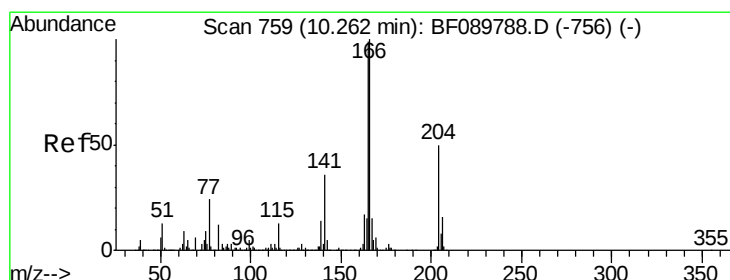
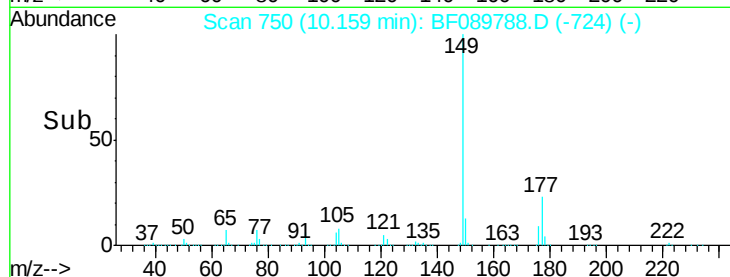
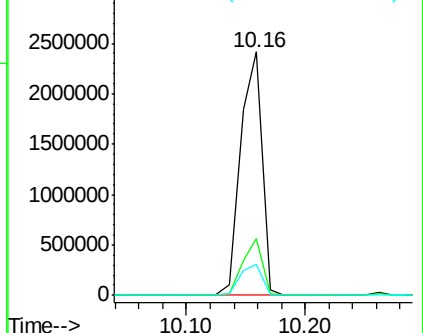
150 12.7 10.5 15.7



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: 34.22 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

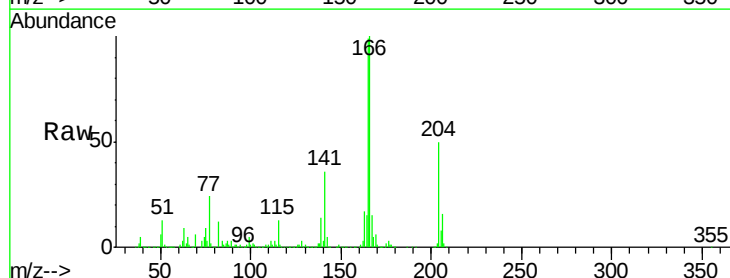
Tgt Ion:204 Resp: 1065735

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

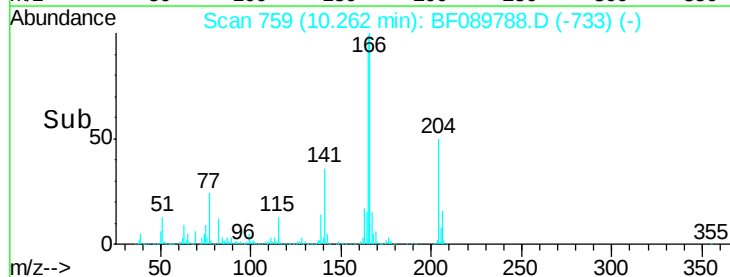
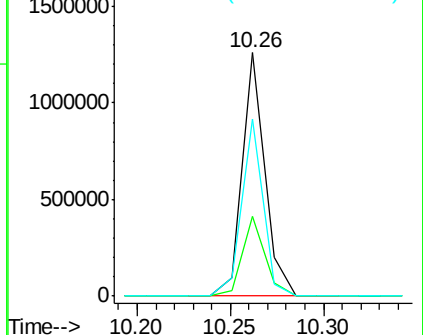
141 72.5 54.1 81.1

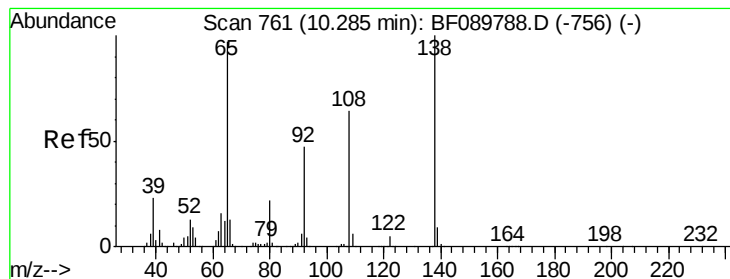


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

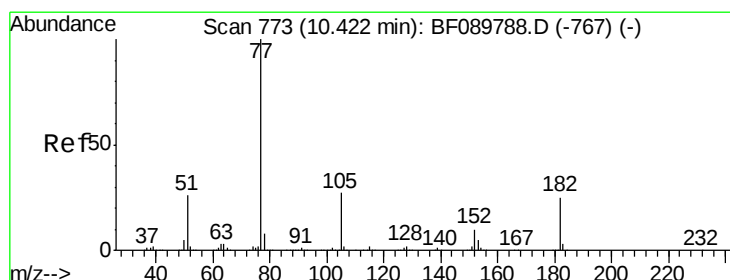
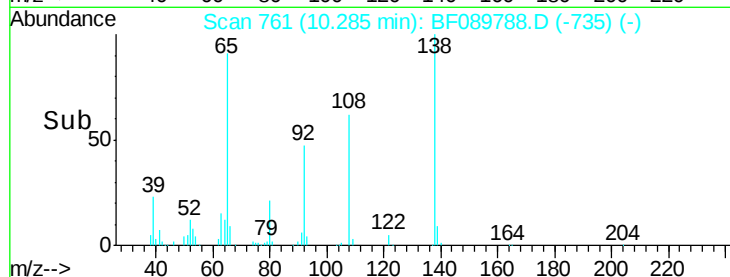
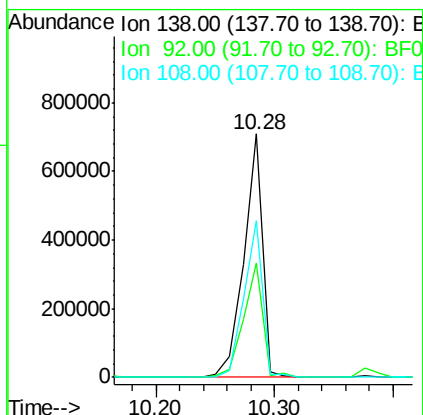
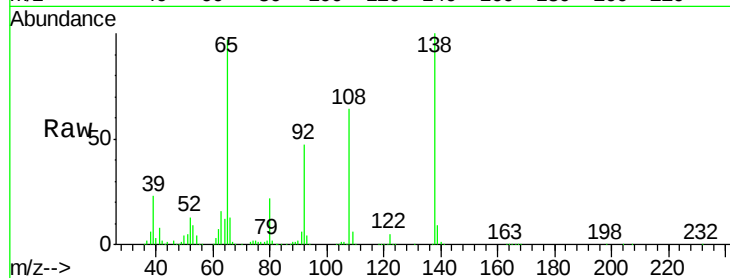




#61
4-Nitroaniline
Concen: 42.52 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

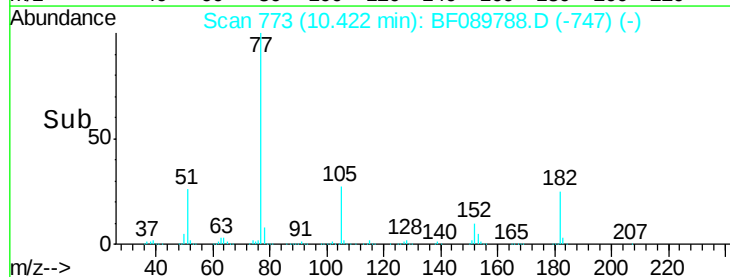
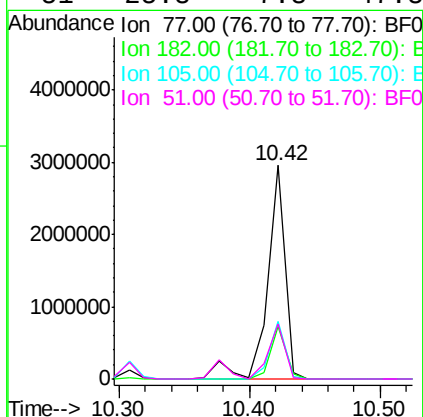
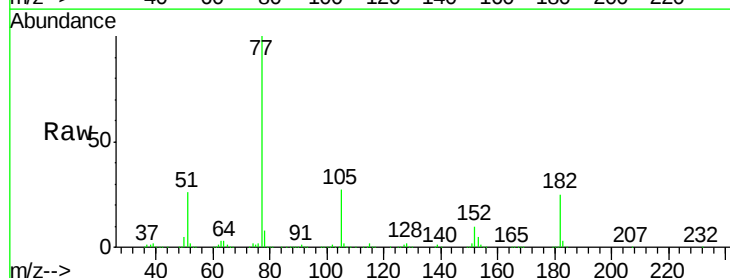
Instrument :
BNA_F
ClientSampled :

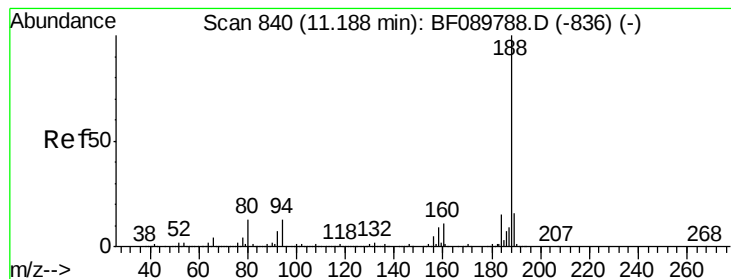
Tot Ion:138 Resp: 777922
Ion Ratio Lower Upper
138 100
92 47.0 26.4 66.4
108 64.2 47.0 87.0



#62
Azobenzene
Concen: 41.66 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion: 77 Resp: 2857893
Ion Ratio Lower Upper
77 100
182 24.8 5.6 45.6
105 27.0 4.0 44.0
51 25.8 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: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

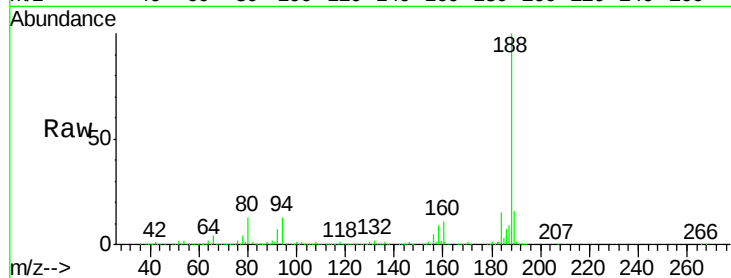
Tot Ion:188 Resp: 1792084

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.2

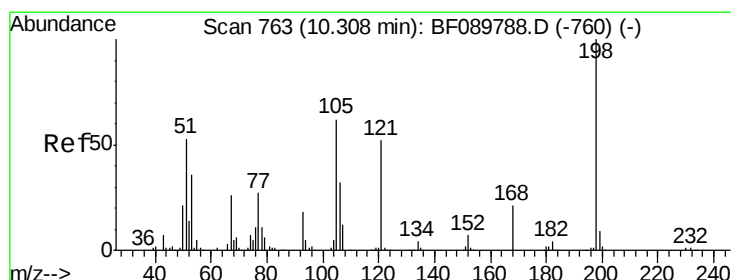
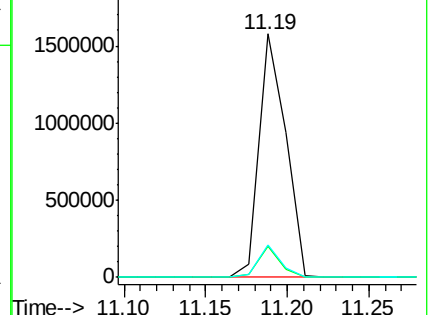
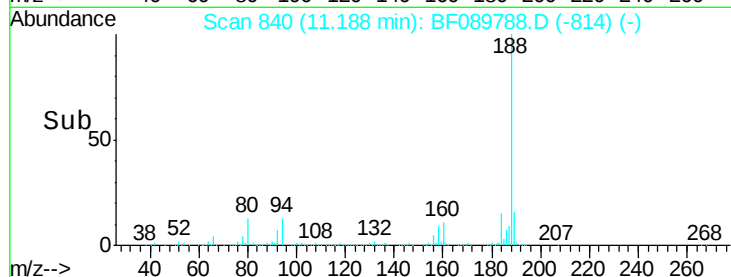
80 13.5 10.9 16.3



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: 36.67 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

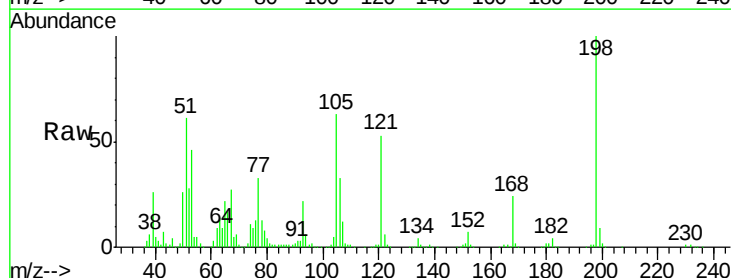
Tgt Ion:198 Resp: 381524

Ion Ratio Lower Upper

198 100

51 60.8 32.3 72.3

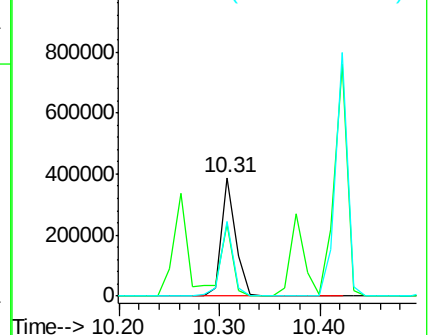
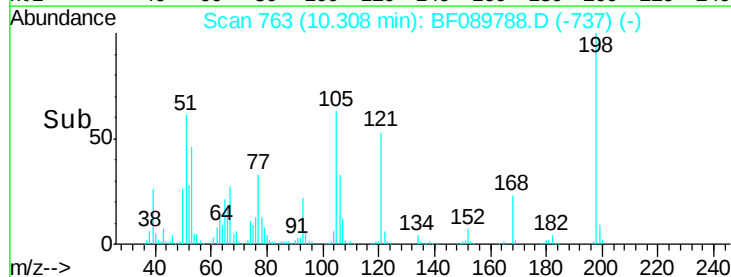
105 63.1 32.9 72.9

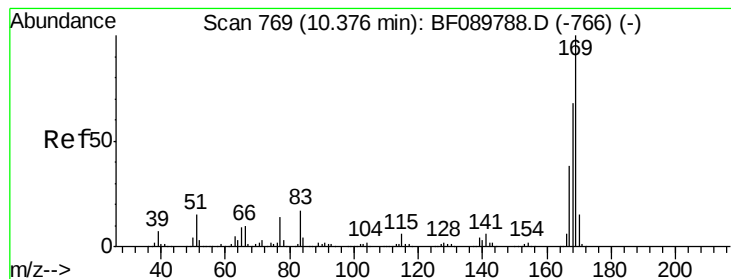


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.24 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

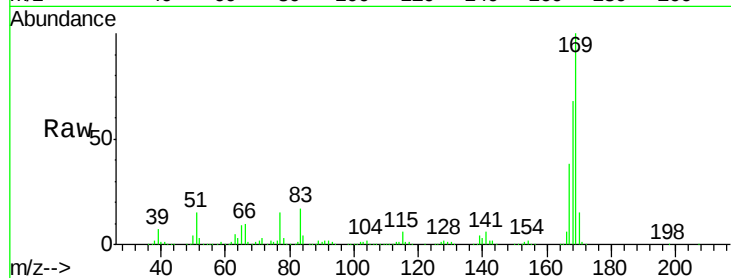
Tot Ion:169 Resp: 2319536

Ion Ratio Lower Upper

169 100

168 67.9 54.6 82.0

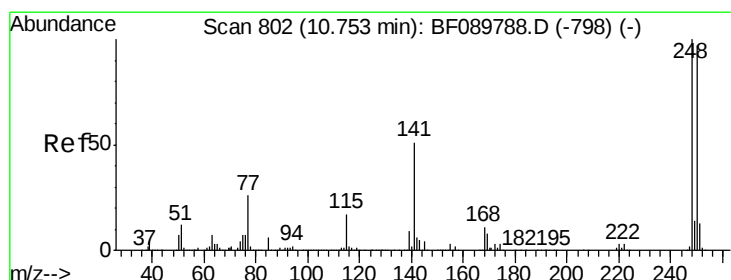
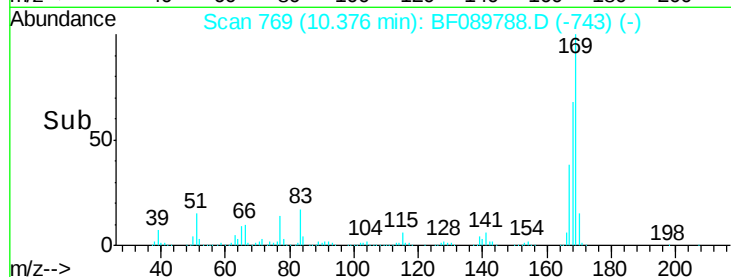
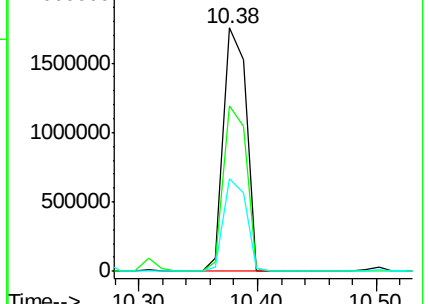
167 38.2 30.6 45.8



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: 43.60 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

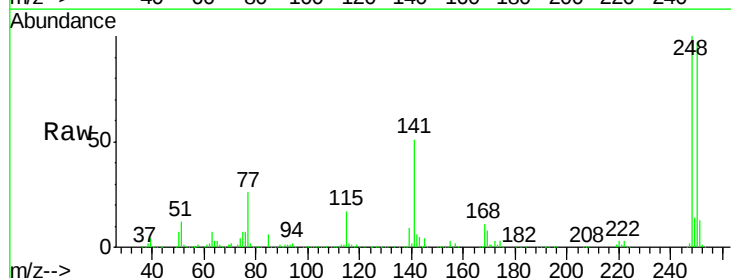
Tgt Ion:248 Resp: 809158

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

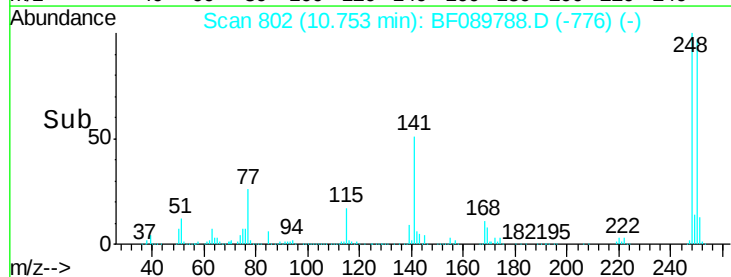
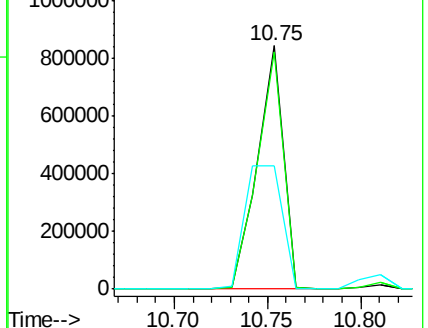
141 50.8 31.4 47.2#

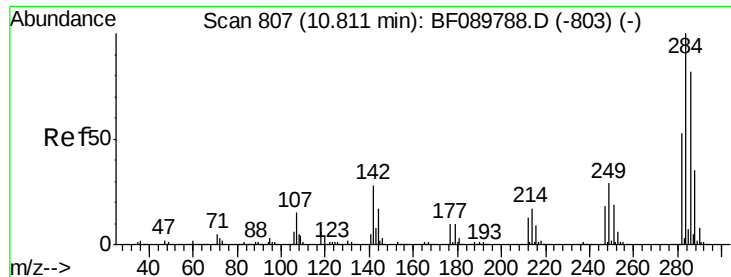


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

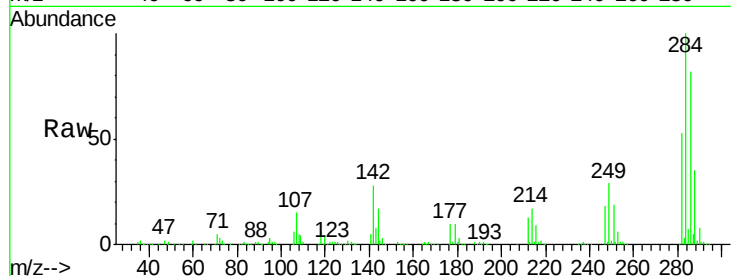




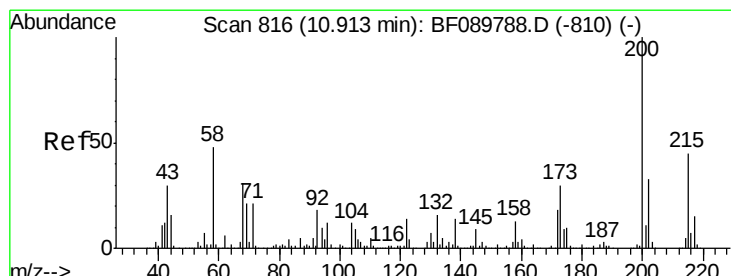
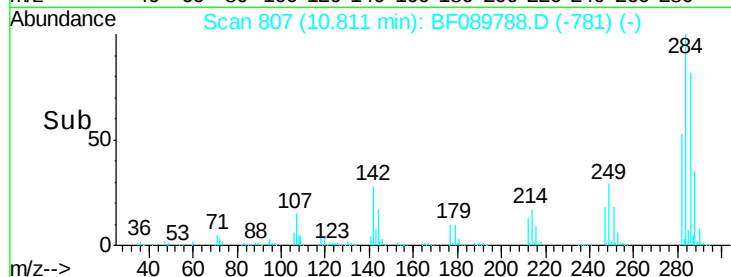
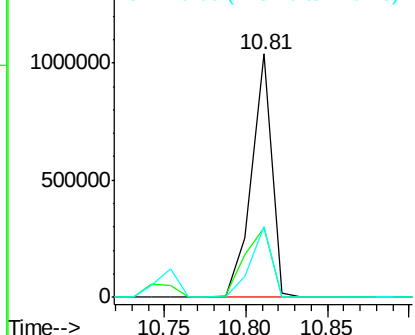
#67
Hexachlorobenzene
Concen: 43.65 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 900580
Ion Ratio Lower Upper
284 100
142 28.5 17.4 26.2#
249 29.1 22.8 34.2

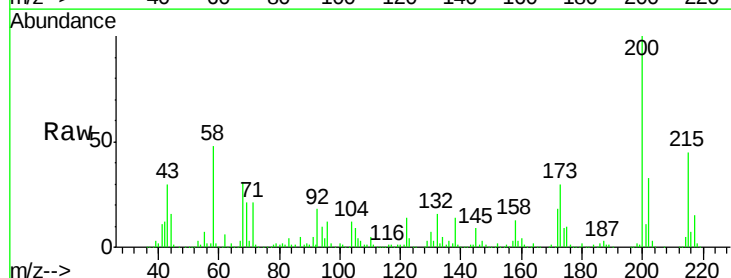


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

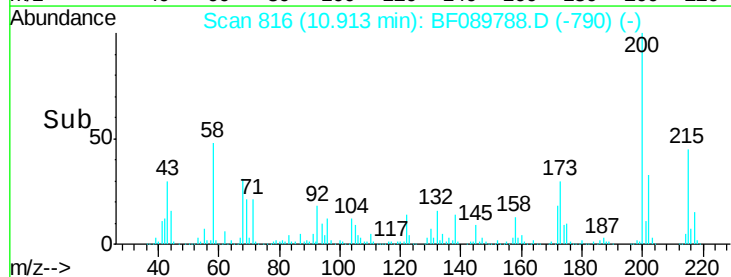
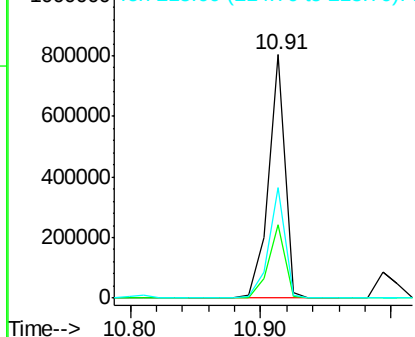


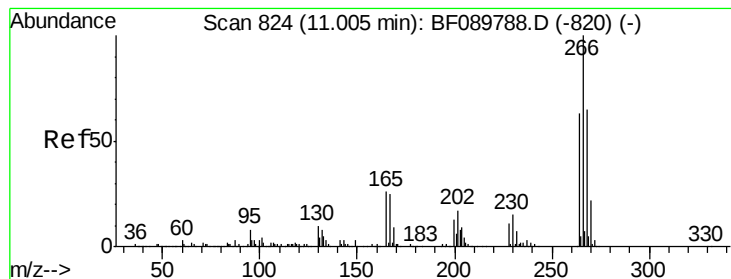
#68
Atrazine
Concen: 41.59 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:200 Resp: 708585
Ion Ratio Lower Upper
200 100
173 30.1 6.6 46.6
215 45.3 24.7 64.7



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





#69

Pentachlorophenol

Concen: 40.71 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

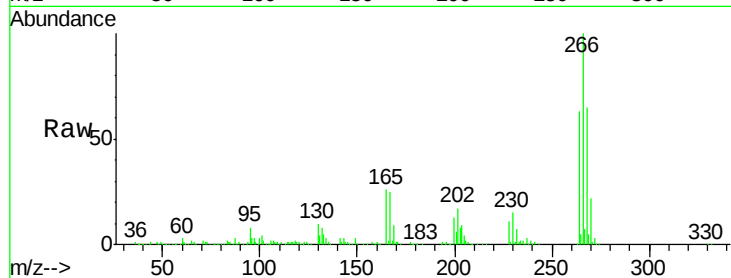
Tot Ion:266 Resp: 523289

Ion Ratio Lower Upper

266 100

268 64.8 53.2 79.8

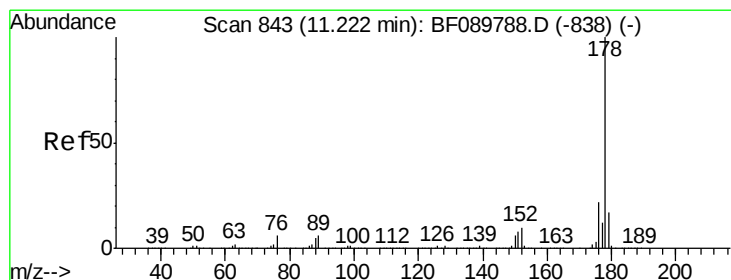
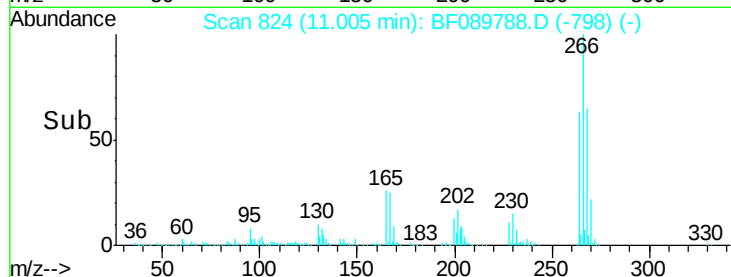
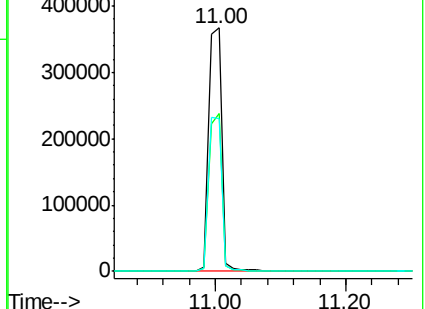
264 62.8 51.1 76.7



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: 43.54 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

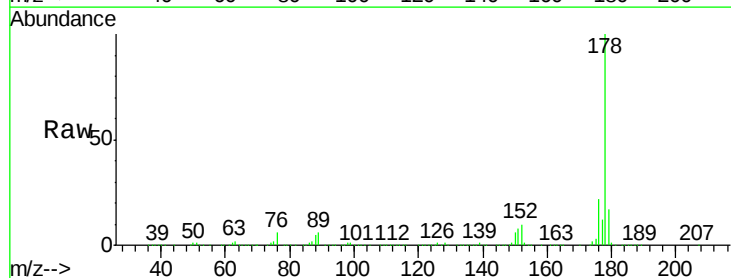
Tgt Ion:178 Resp: 3835040

Ion Ratio Lower Upper

178 100

176 21.6 16.4 24.6

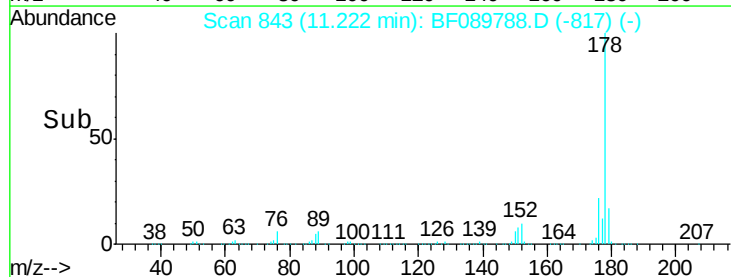
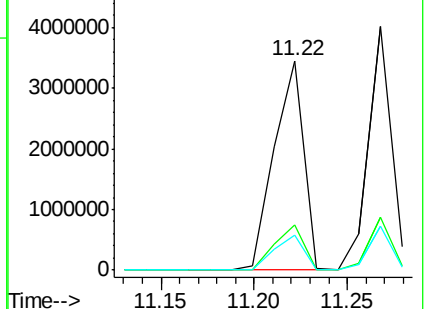
179 16.7 12.5 18.7

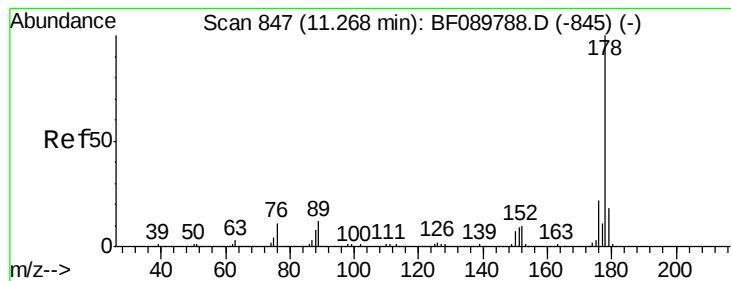


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

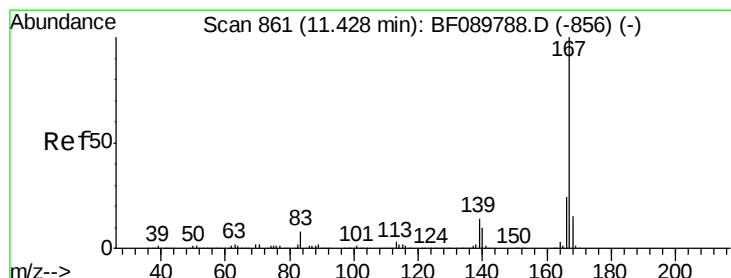
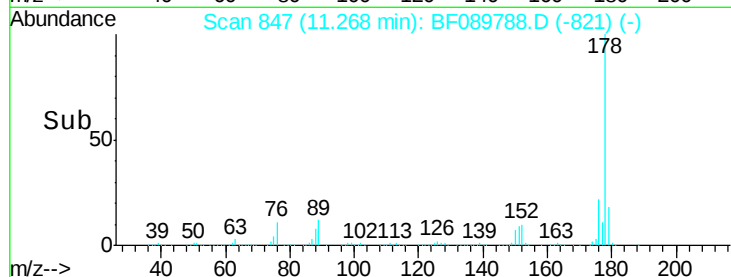
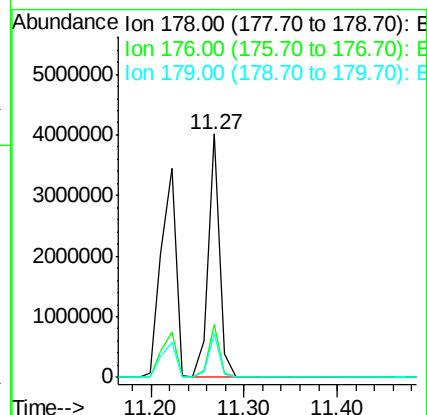
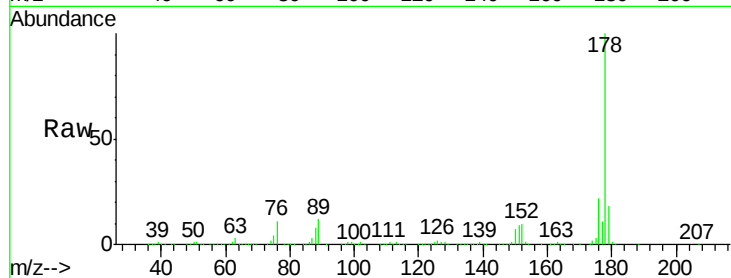




#71
 Anthracene
 Concen: 37.41 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

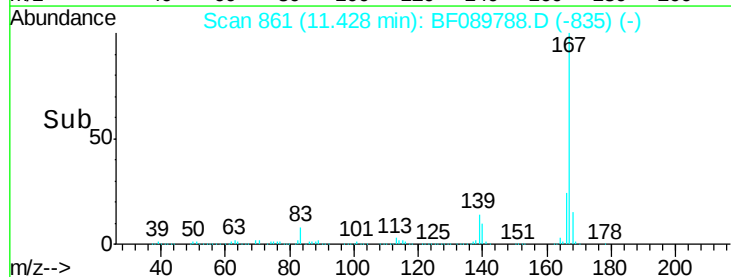
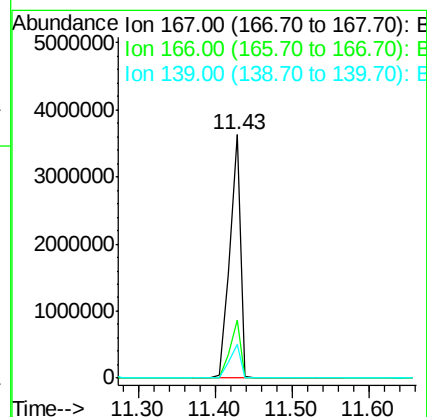
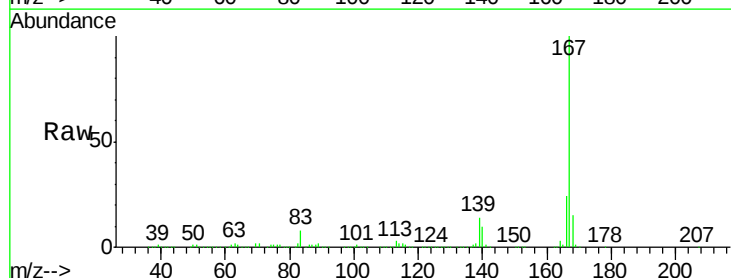
Instrument :
 BNA_F
 ClientSampleId :

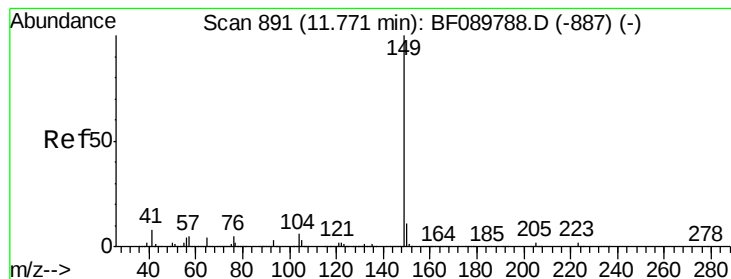
Tot Ion:178 Resp: 3443424
 Ion Ratio Lower Upper
 178 100
 176 21.8 16.4 24.6
 179 17.9 13.1 19.7



#72
 Carbazole
 Concen: 41.58 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:167 Resp: 3626274
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.9 26.9
 139 13.6 12.4 18.6





#73

Di-n-butylphthalate

Concen: 38.65 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

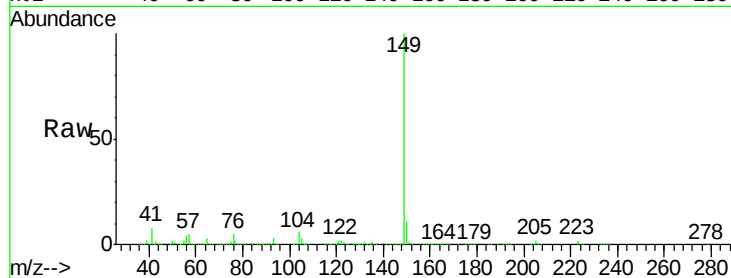
Tot Ion:149 Resp: 4099029

Ion Ratio Lower Upper

149 100

150 10.9 7.9 11.9

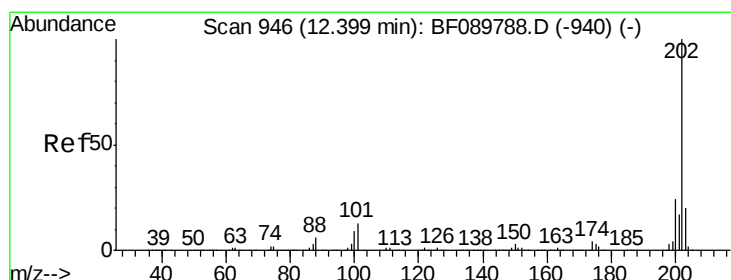
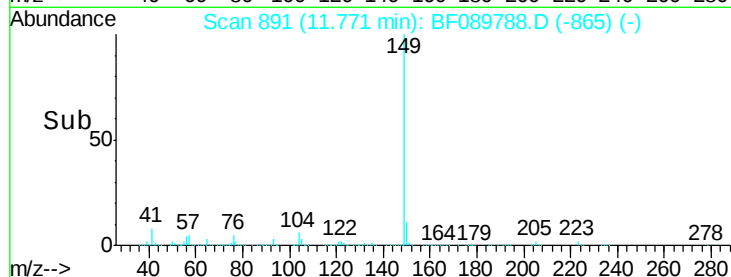
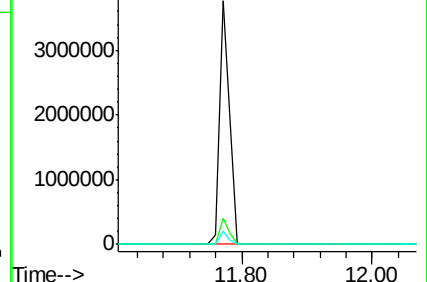
104 5.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.58 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

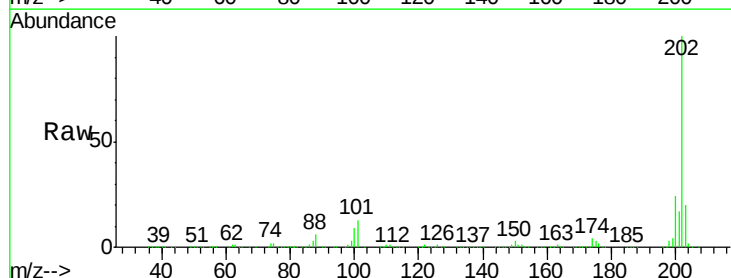
Tgt Ion:202 Resp: 3592019

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

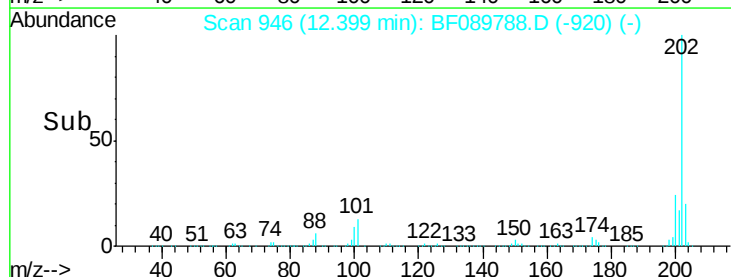
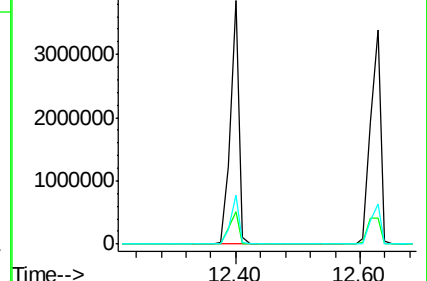
203 20.0 0.0 38.1

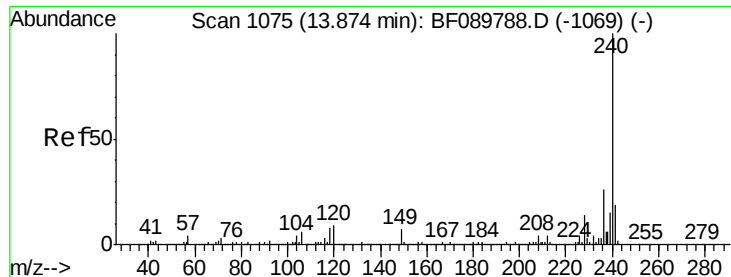


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

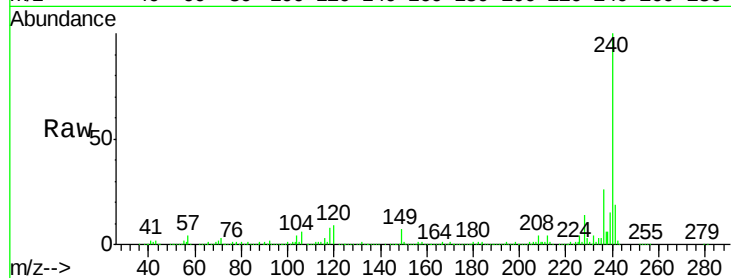
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 1110287

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	26.2	21.3	31.9

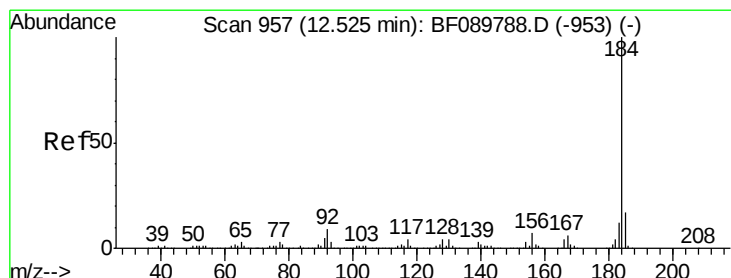
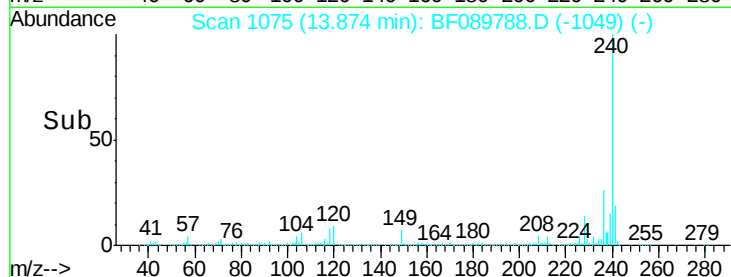
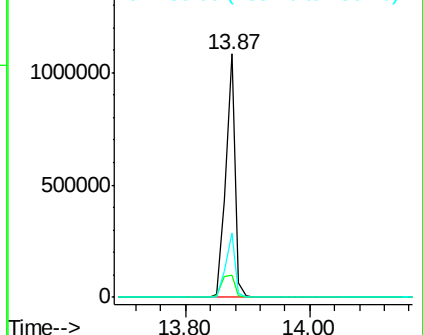


Abundance

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: 39.60 ng

RT: 12.53 min Scan# 957

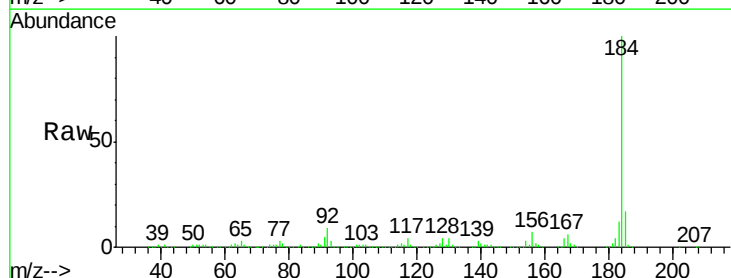
Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:184 Resp: 1578247

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.8	20.8
183	11.5	9.7	14.5

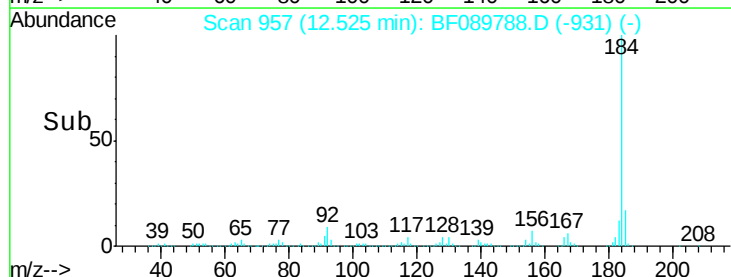
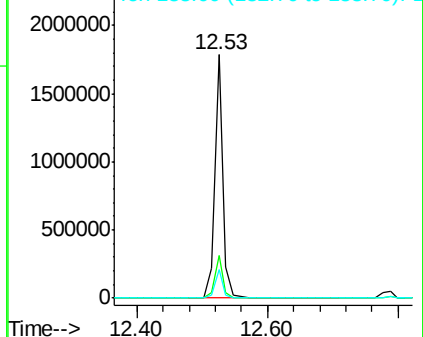


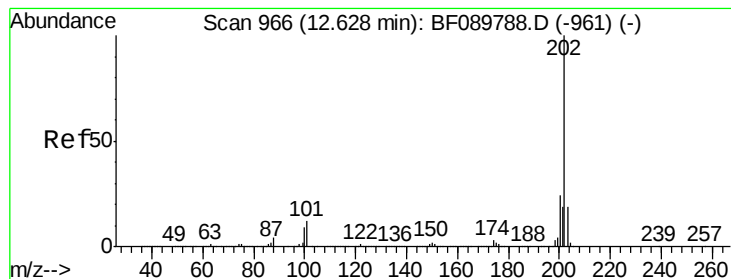
Abundance

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: 51.51 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

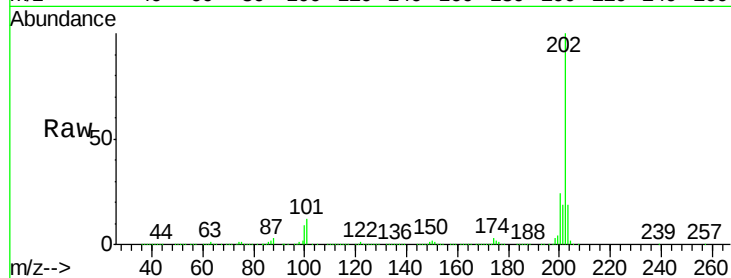
Tot Ion:202 Resp: 3742644

Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.6

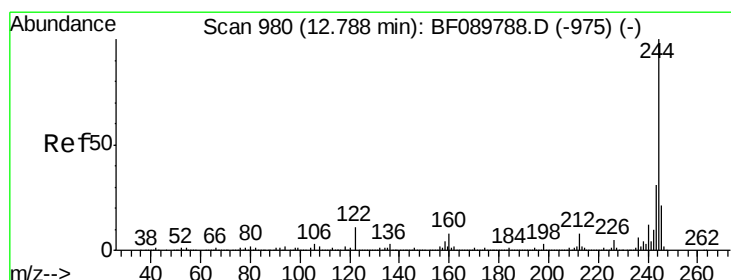
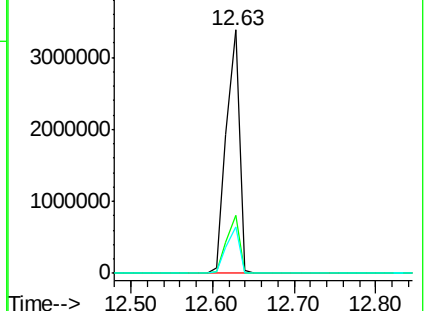
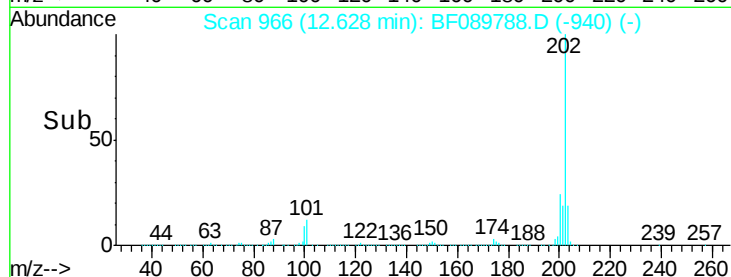
203 19.0 14.2 21.4



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: 106.35 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

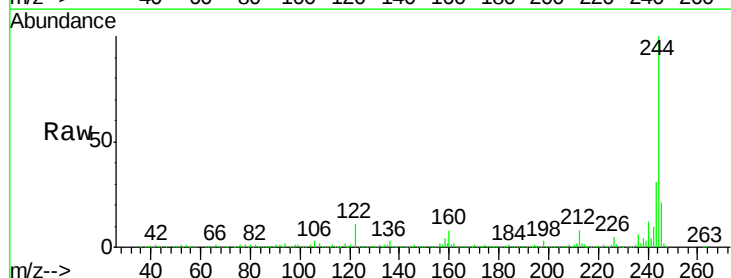
Tgt Ion:244 Resp: 3952508

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

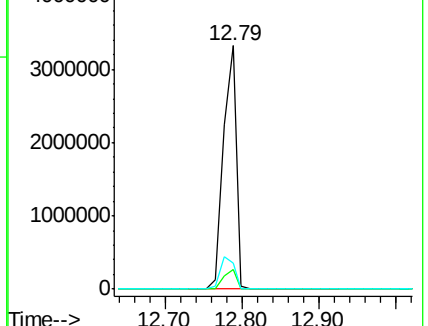
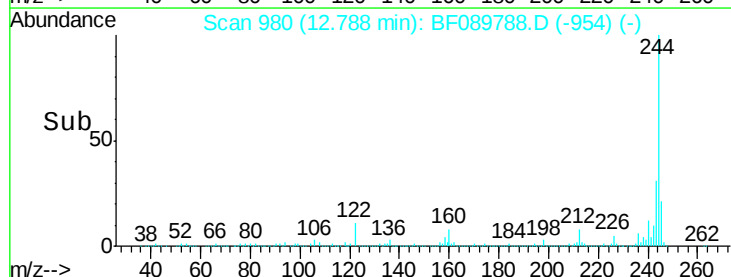
122 10.6 12.0 18.0#

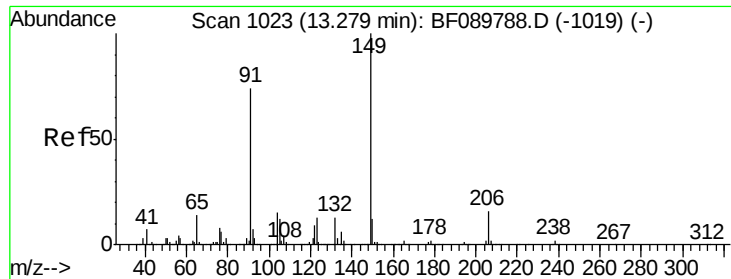


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

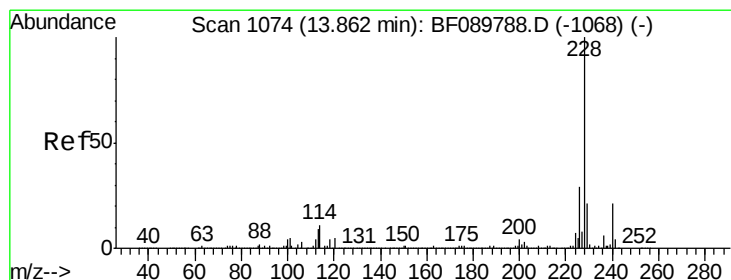
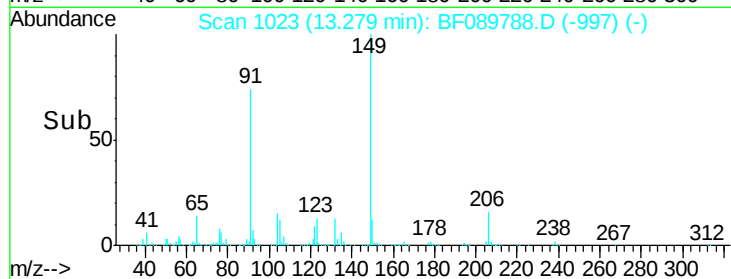
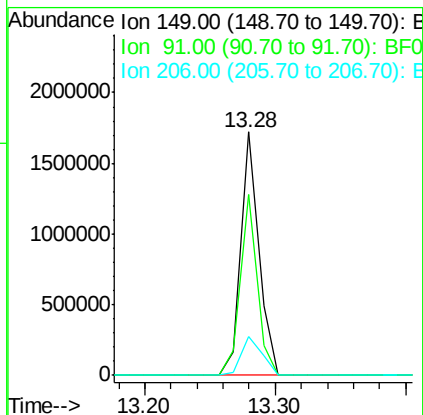
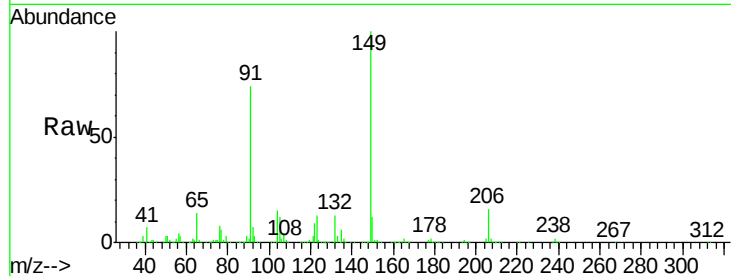




#79
Butylbenzylphthalate
Concen: 44.95 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

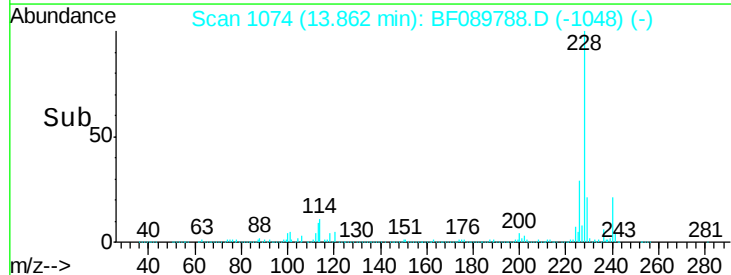
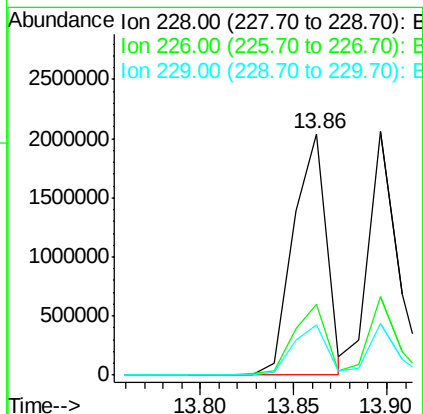
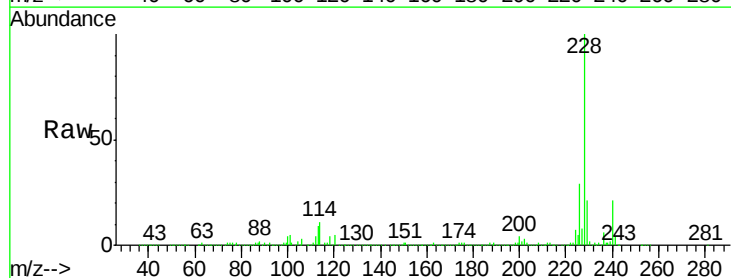
Instrument :
BNA_F
ClientSampleId :

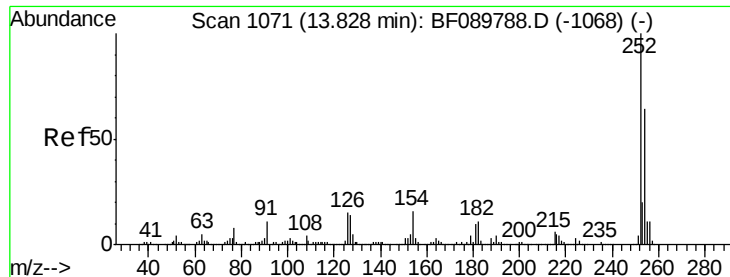
Tot Ion:149 Resp: 1638446
Ion Ratio Lower Upper
149 100
91 74.5 50.7 76.1
206 15.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 39.21 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:228 Resp: 2529425
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 20.7 16.2 24.4

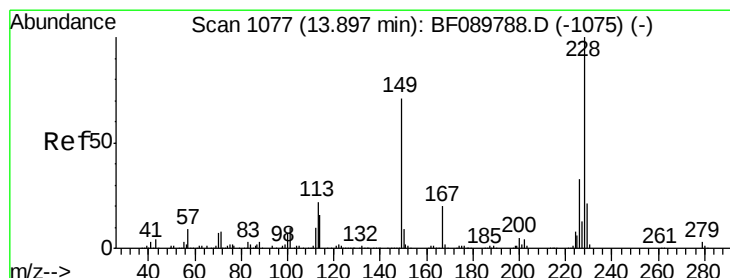
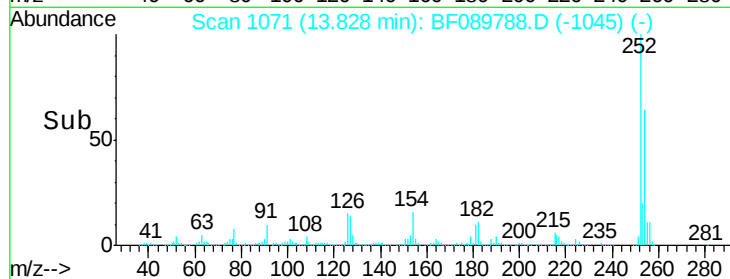
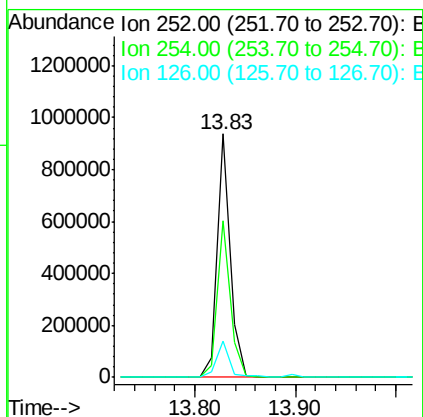
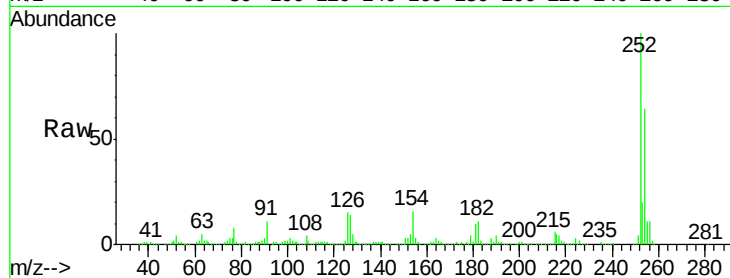




#81
 3,3'-Dichlorobenzidine
 Concen: 36.08 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

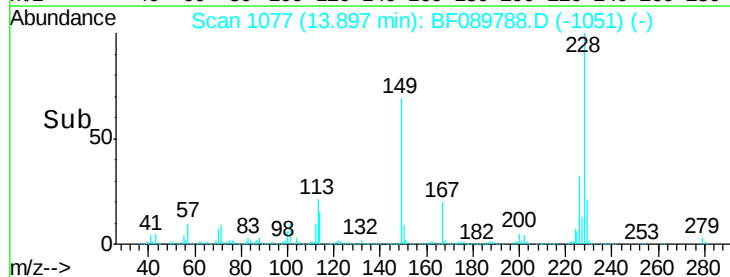
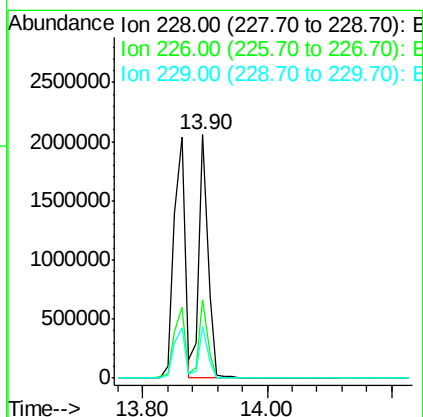
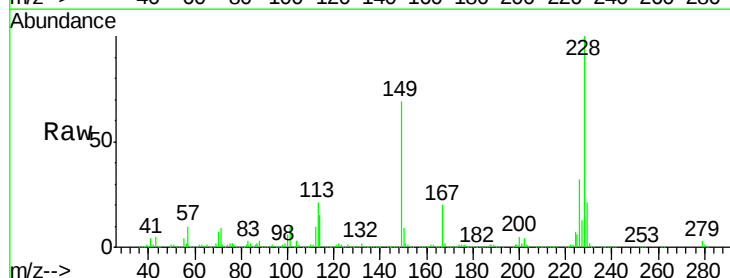
Instrument :
 BNA_F
 ClientSampleId :

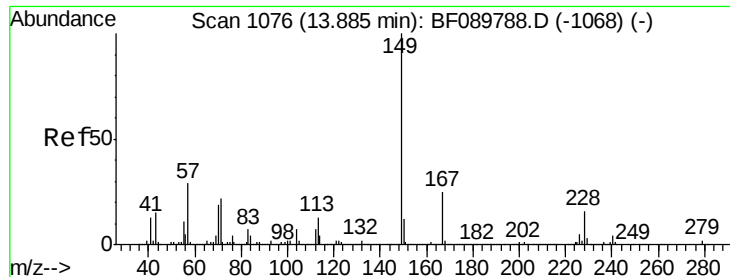
Tot Ion:252 Resp: 848017
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.6 75.8
 126 14.9 12.6 18.8



#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:228 Resp: 2138387
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.9 16.5 24.7

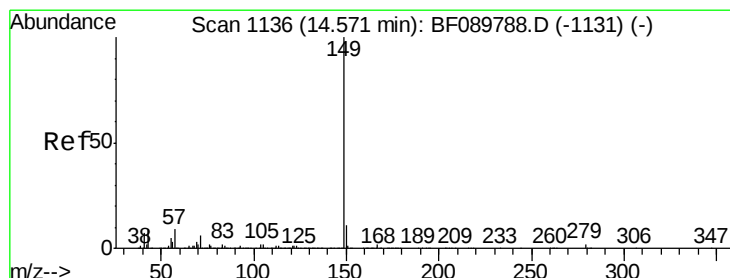
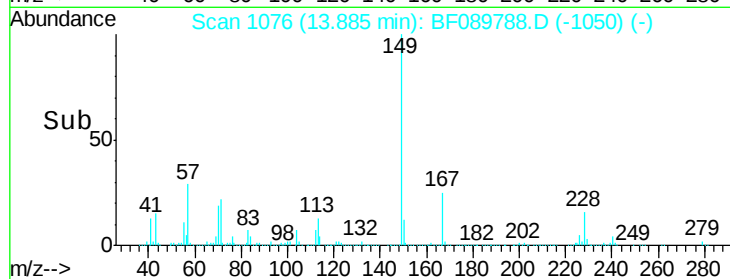
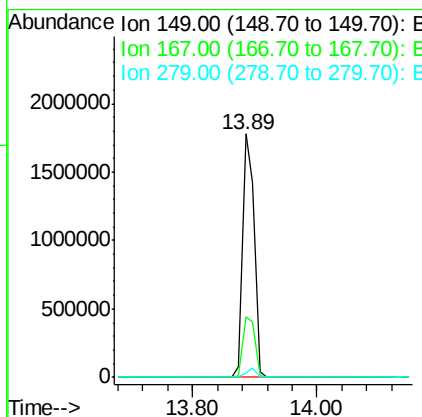
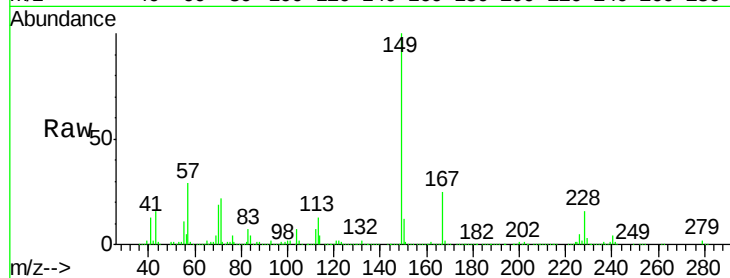




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.57 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

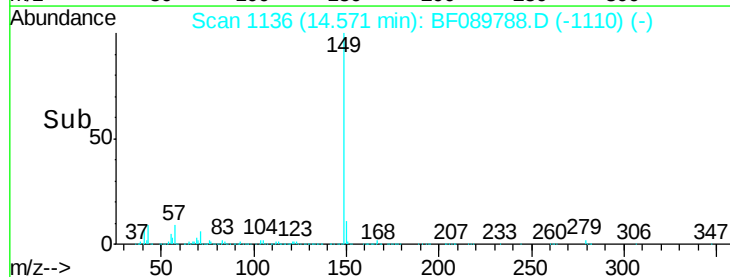
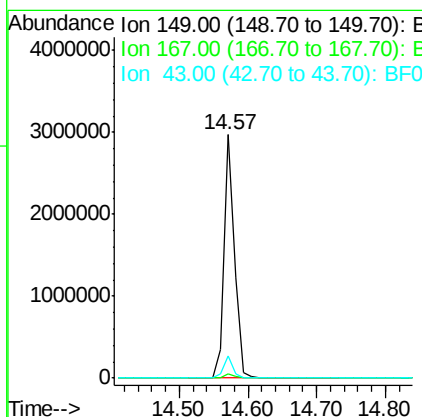
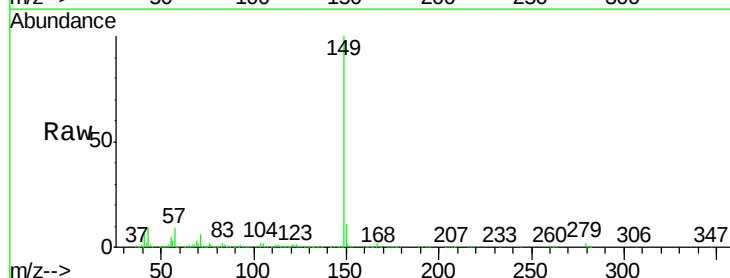
Instrument :
 BNA_F
 ClientSampleId :

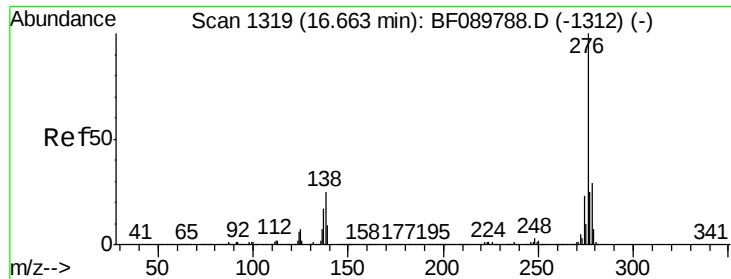
Tot Ion:149 Resp: 2294753
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.2 31.8
 279 1.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 42.49 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:149 Resp: 3185599
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 8.4 12.6

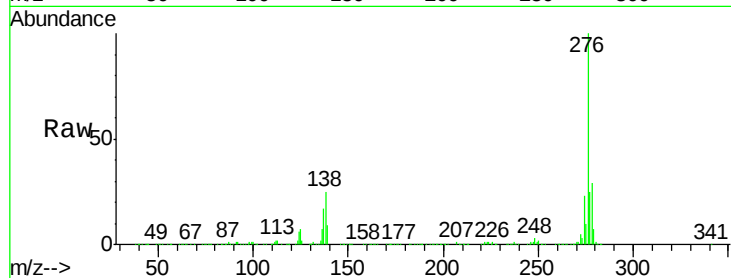




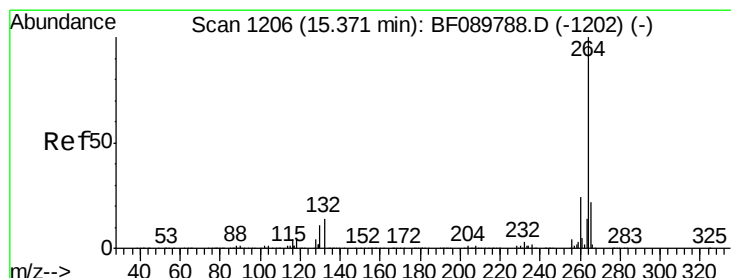
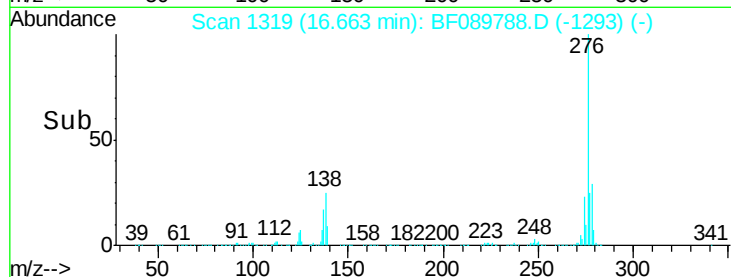
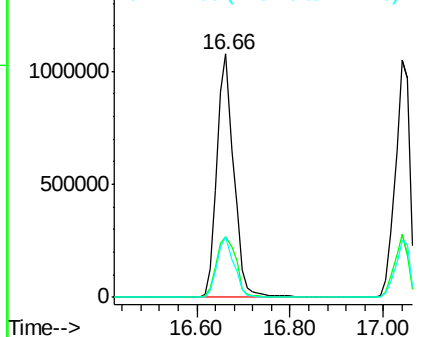
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.36 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2688894
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.6 36.8
 277 25.5 20.4 30.6

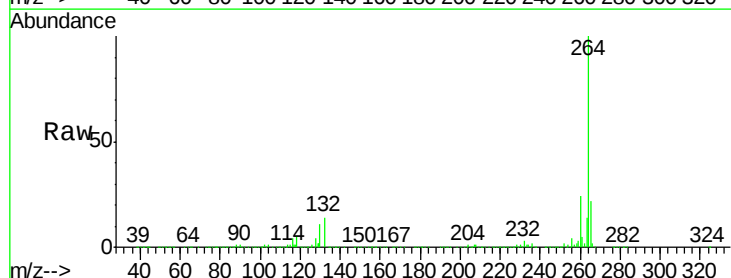


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

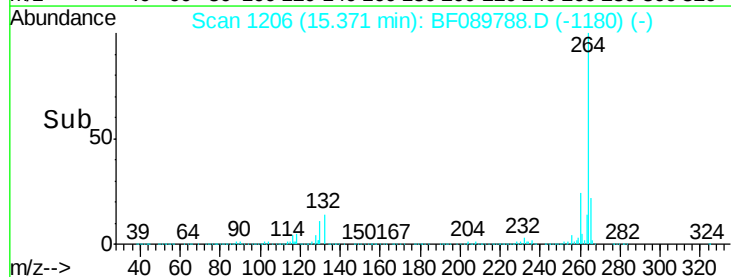
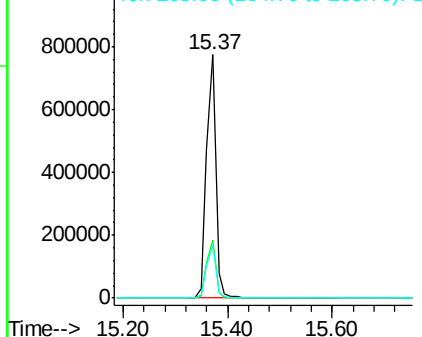


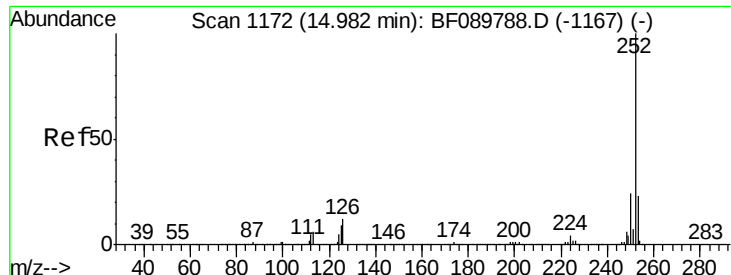
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:264 Resp: 957650
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.2 30.2
 265 21.7 17.4 26.2



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

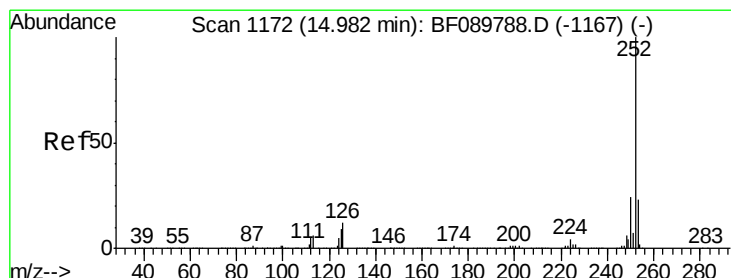
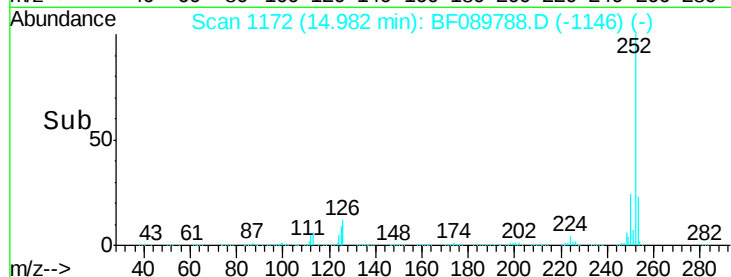
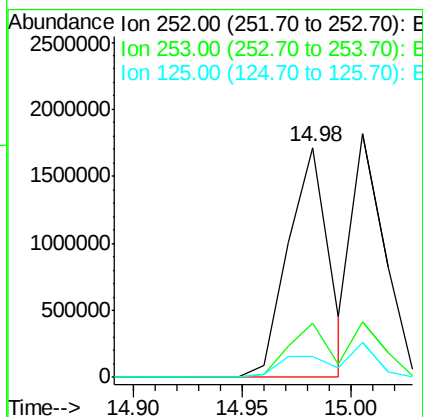
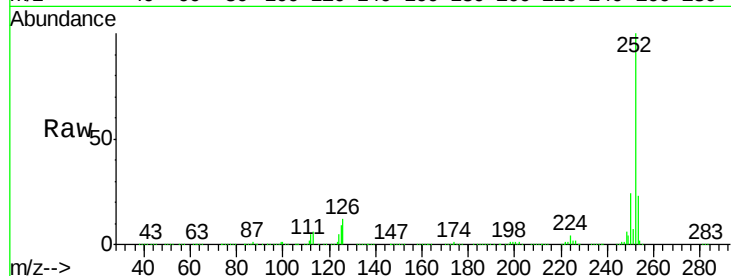




#87
Benzo(b)fluoranthene
Concen: 36.87 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

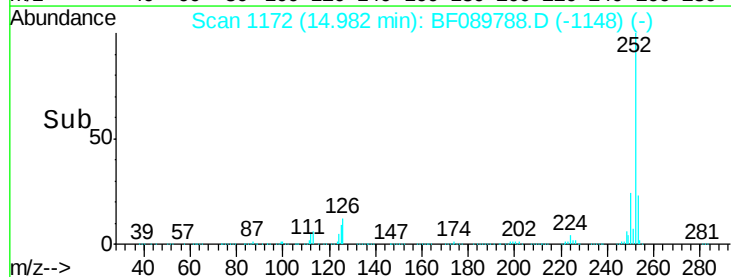
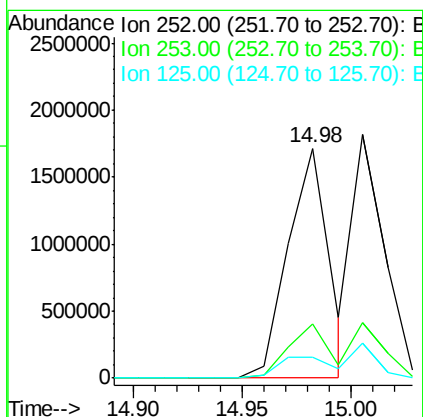
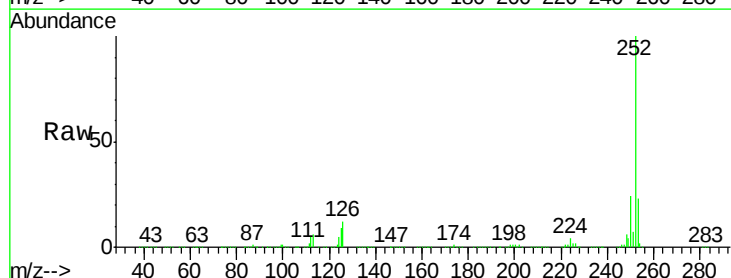
Instrument :
BNA_F
ClientSampleId :

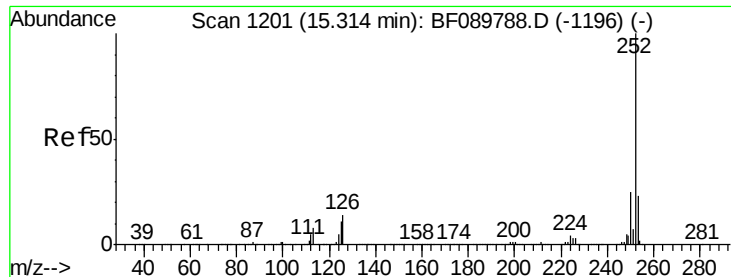
Tot Ion:252 Resp: 2237420
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.1 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 44.80 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:252 Resp: 2237420
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 9.1 9.8 14.6#

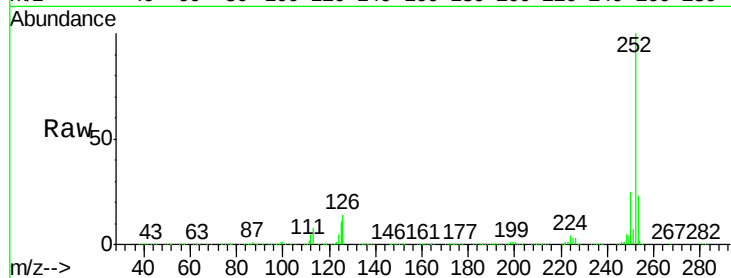




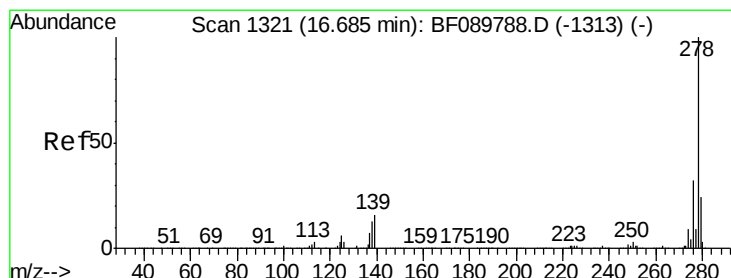
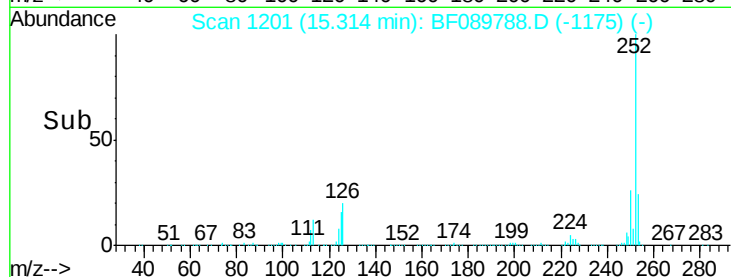
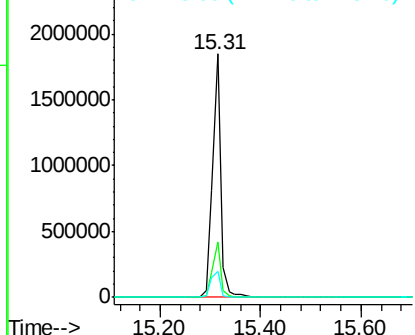
#89
Benzo(a)pyrene
Concen: 41.83 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2095458
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.9 11.7 17.5#

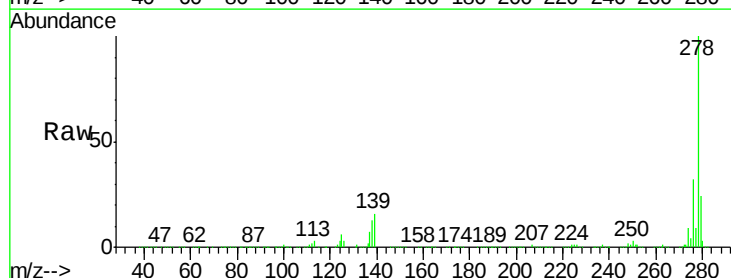


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

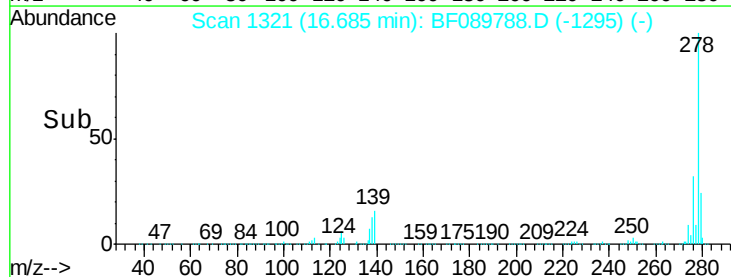
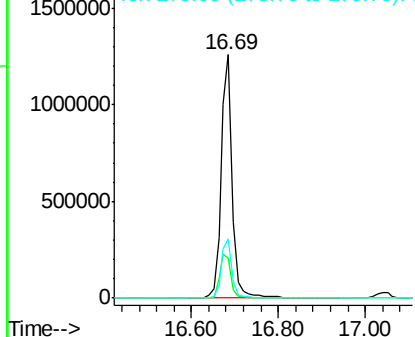


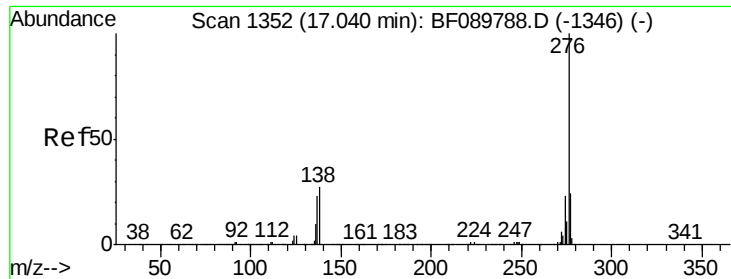
#90
Dibenzo(a,h)anthracene
Concen: 56.70 ng
RT: 16.69 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:278 Resp: 2236808
Ion Ratio Lower Upper
278 100
139 16.3 14.9 22.3
279 24.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 58.17 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2335253

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	26.7	22.1	33.1

