

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088489.D
 Acq On : 28 Jun 2016 16:25
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 16:56:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 16:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	78375	20.00	ng	0.00
21) Naphthalene-d8	9.63	136	320224	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	142201	20.00	ng	0.00
63) Phenanthrene-d10	14.87	188	258427	20.00	ng	0.00
75) Chrysene-d12	18.56	240	196143	20.00	ng	0.00
86) Perylene-d12	20.23	264	157071	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	434607	94.80	ng	0.00
7) Phenol-d6	7.14	99	525718	94.62	ng	0.00
23) Nitrobenzene-d5	8.52	82	489580	89.28	ng	0.00
41) 2,4,6-Tribromophenol	13.77	330	128544	85.61	ng	0.00
44) 2-Fluorobiphenyl	11.42	172	959124	89.82	ng	0.00
78) Terphenyl-d14	17.21	244	785672	91.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	98273	44.11	ng	# 45
3) Pyridine	2.55	79	219673	41.76	ng	89
4) n-Nitrosodimethylamine	2.52	42	87757	39.40	ng	# 78
6) Aniline	7.11	93	367450	46.46	ng	97
8) 2-Chlorophenol	7.28	128	272935	50.30	ng	93
9) Benzaldehyde	6.92	77	89942	24.88	ng	99
10) Phenol	7.16	94	306120	46.91	ng	96
11) bis(2-Chloroethyl)ether	7.24	93	236111	48.46	ng	87
12) 1,3-Dichlorobenzene	7.63	146	283777	48.74	ng	95
13) 1,4-Dichlorobenzene	7.63	146	287028	48.94	ng	98
14) 1,2-Dichlorobenzene	7.63	146	287100	53.83	ng	97
15) Benzyl Alcohol	7.90	79	195665	45.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	258482	39.27	ng	# 1
17) 2-Methylphenol	8.10	107	198137	45.02	ng	# 89
18) Hexachloroethane	8.38	117	103587	49.77	ng	# 88
19) n-Nitroso-di-n-propylamine	8.32	70	178920	50.34	ng	# 87
20) 3+4-Methylphenols	8.36	107	260490	50.73	ng	# 78
22) Acetophenone	8.30	105	362682	50.68	ng	# 95
24) Nitrobenzene	8.55	77	252165	47.47	ng	93
25) Isophorone	8.95	82	477216	46.98	ng	98
26) 2-Nitrophenol	9.05	139	140543	49.39	ng	# 89
27) 2,4-Dimethylphenol	9.19	122	233498	44.57	ng	95
28) bis(2-Chloroethoxy)methane	9.32	93	307041	48.74	ng	# 98
29) 2,4-Dichlorophenol	9.46	162	215994	49.38	ng	96
30) 1,2,4-Trichlorobenzene	9.56	180	231203	48.54	ng	99
31) Naphthalene	9.67	128	763424	48.18	ng	99
32) Benzoic acid	9.52	122	78112	27.08	ng	93
33) 4-Chloroaniline	9.80	127	319597	45.16	ng	95
34) Hexachlorobutadiene	9.88	225	123596	49.20	ng	99
35) Caprolactam	10.46	113	47920	33.07	ng	# 78
36) 4-Chloro-3-methylphenol	10.66	107	219495	46.92	ng	99
37) 2-Methylnaphthalene	10.80	142	499430	47.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	213929	51.62	ng	# 1
40) Hexachlorocyclopentadiene	11.05	237	34724	15.14	ng	96

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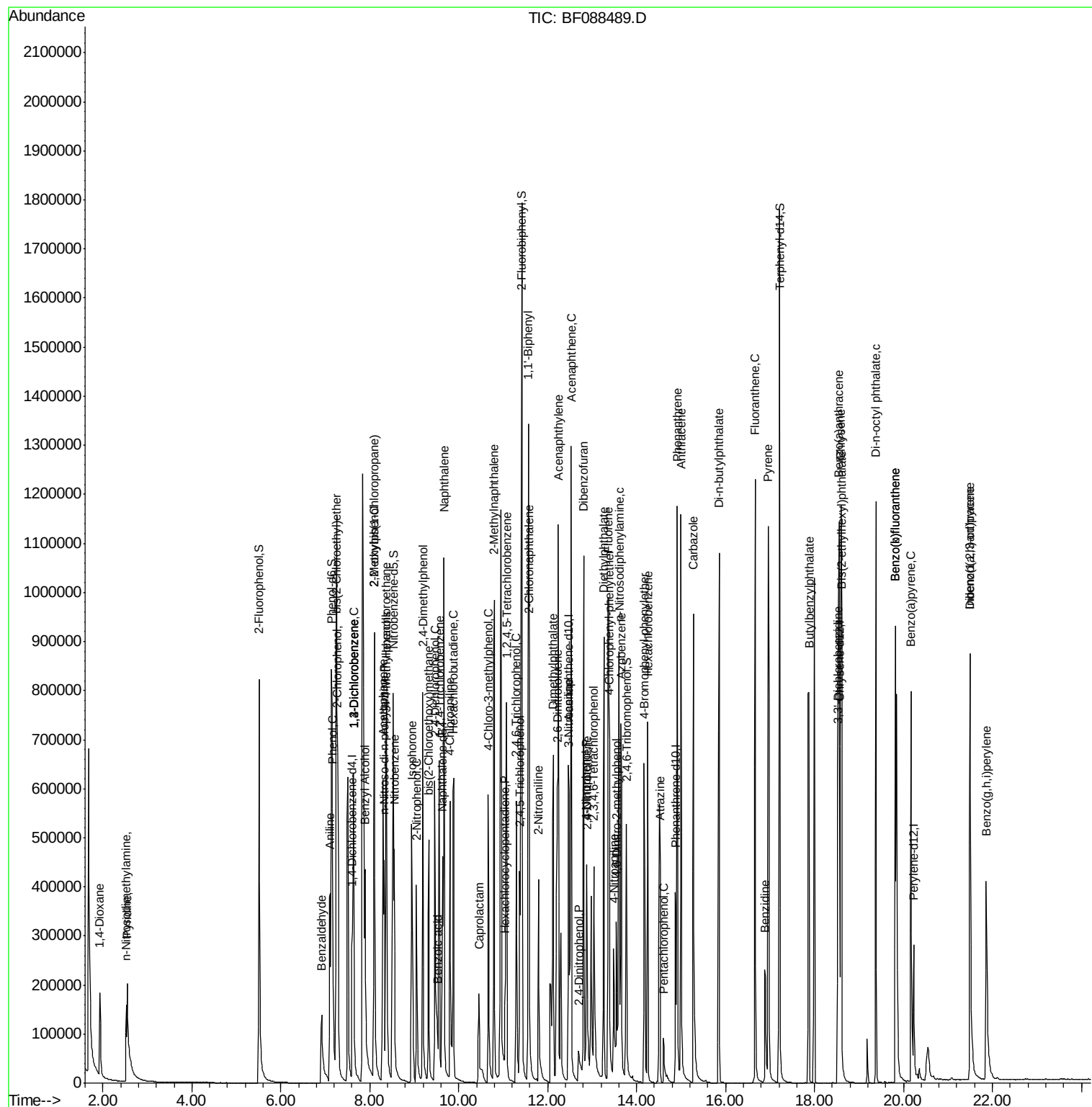
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.29	196	127539	44.85	nq	95
43) 2,4,5-Trichlorophenol	11.37	196	133751	45.21	nq	# 95
45) 1,1'-Biphenyl	11.56	154	579853	50.57	nq	98
46) 2-Chloronaphthalene	11.59	162	458011	49.77	nq	96
47) 2-Nitroaniline	11.79	65	128868	47.47	nq	# 80
48) Acenaphthylene	12.24	152	732467	50.04	nq	99
49) Dimethylphthalate	12.12	163	549477	53.34	nq	99
50) 2,6-Dinitrotoluene	12.22	165	123481	52.34	nq	# 90
51) Acenaphthene	12.52	154	424827	46.53	nq	98
52) 3-Nitroaniline	12.48	138	135747	49.87	nq	90
53) 2,4-Dinitrophenol	12.70	184	33681	38.80	nq	92
54) Dibenzofuran	12.81	168	649741	51.67	nq	# 91
55) 4-Nitrophenol	12.87	139	59113	27.98	nq	82
56) 2,4-Dinitrotoluene	12.88	165	162390	53.56	nq	94
57) Fluorene	13.36	166	515782	52.63	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.04	232	114273	49.15	nq	# 57
59) Diethylphthalate	13.27	149	539793	51.77	nq	99
60) 4-Chlorophenyl-phenylether	13.39	204	232148	55.51	nq	93
61) 4-Nitroaniline	13.49	138	126046	48.82	nq	99
62) Azobenzene	13.65	77	523251	50.75	nq	97
64) 4,6-Dinitro-2-methylphenol	13.54	198	76858	55.30	nq	85
65) n-Nitrosodiphenylamine	13.61	169	445826	51.99	nq	99
66) 4-Bromophenyl-phenylether	14.17	248	141417	51.01	nq	# 81
67) Hexachlorobenzene	14.25	284	144930	50.31	nq	92
68) Atrazine	14.53	200	135228	52.08	nq	95
69) Pentachlorophenol	14.61	266	33118	21.81	nq	97
70) Phenanthrene	14.91	178	693326	51.13	nq	99
71) Anthracene	14.99	178	737163	53.89	nq	99
72) Carbazole	15.28	167	689415	53.86	nq	99
73) Di-n-butylphthalate	15.85	149	839183	51.79	nq	98
74) Fluoranthene	16.66	202	709828	49.60	nq	98
76) Benzidine	16.89	184	240499	44.28	nq	99
77) Pyrene	16.96	202	679030	46.65	nq	99
79) Butylbenzylphthalate	17.87	149	338959	52.67	nq	94
80) Benzo(a)anthracene	18.55	228	553513	49.52	nq	98
81) 3,3'-Dichlorobenzidine	18.53	252	182579	60.74	nq	# 97
82) Chrysene	18.59	228	556868	52.96	nq	98
83) Bis(2-ethylhexyl)phthalate	18.62	149	461991	58.98	nq	# 97
84) Di-n-octyl phthalate	19.38	149	727607	57.16	nq	# 100
85) Indeno(1,2,3-cd)pyrene	21.50	276	433935	44.42	nq	# 100
87) Benzo(b)fluoranthene	19.82	252	960548	87.74	nq	# 97
88) Benzo(k)fluoranthene	19.82	252	962366	116.53	nq	98
89) Benzo(a)pyrene	20.17	252	440063	49.68	nq	# 96
90) Dibenzo(a,h)anthracene	21.50	278	366516	44.55	nq	98
91) Benzo(g,h,i)perylene	21.86	276	364894	43.12	nq	98

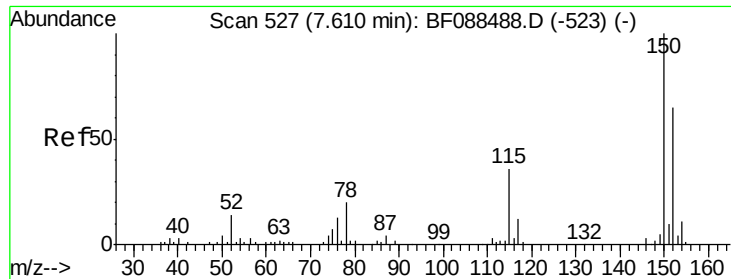
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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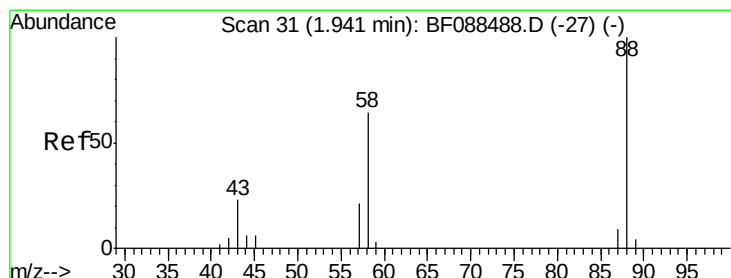
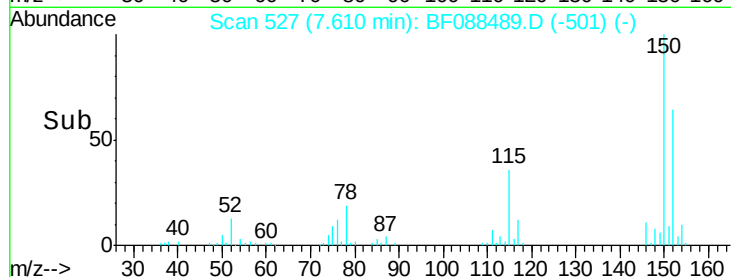
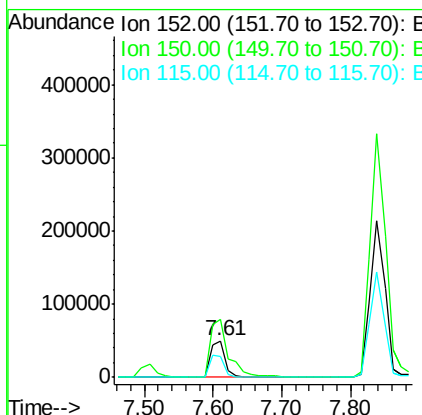
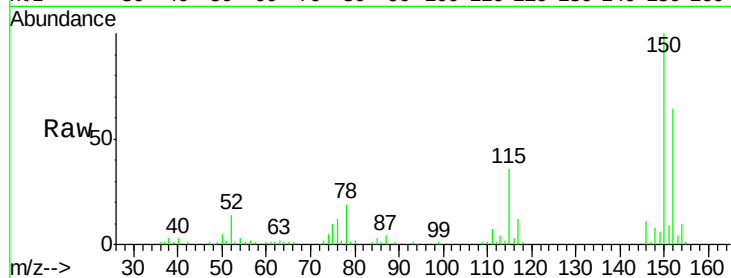


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Instrument :
BNA_F
ClientSampleId :

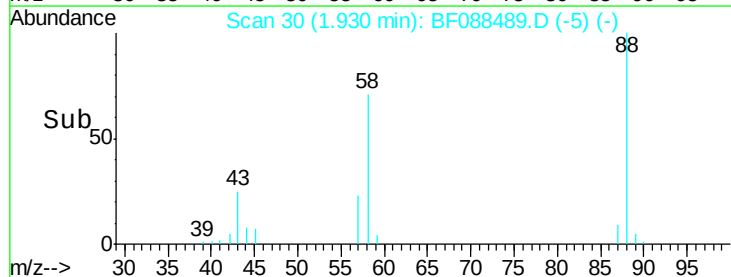
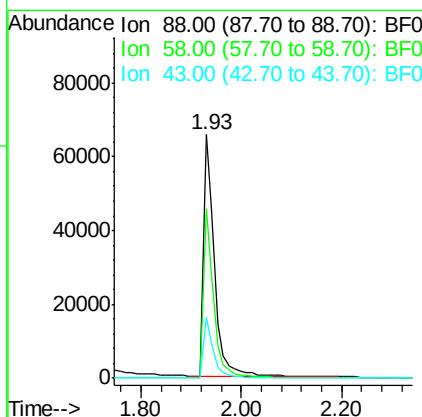
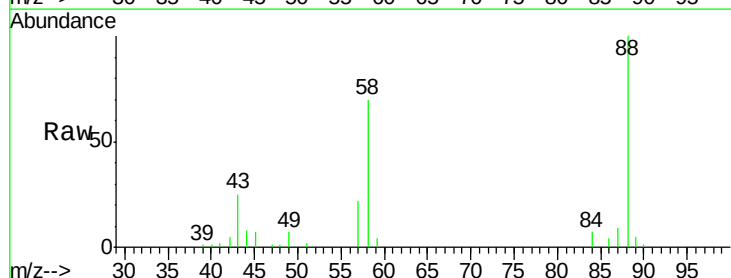
Tot Ion:152 Resp: 78375
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 55.9 39.6 59.4

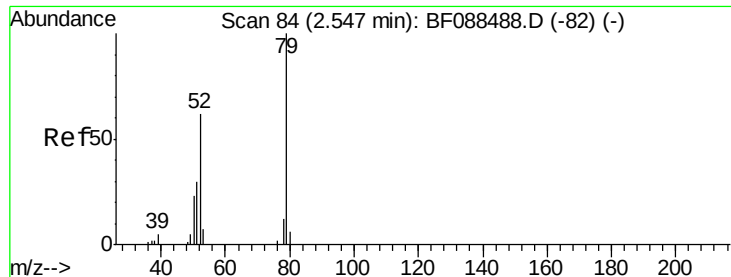


#2

1,4-Dioxane
Concen: 44.11 ng
RT: 1.93 min Scan# 30
Delta R.T. -0.01 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion: 88 Resp: 98273
Ion Ratio Lower Upper
88 100
58 65.0 0.0 0.0#
43 22.3 3.4 5.2#

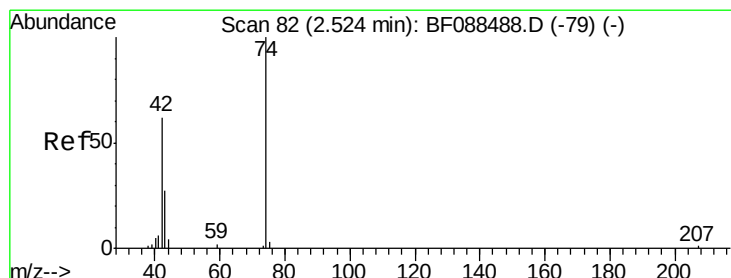
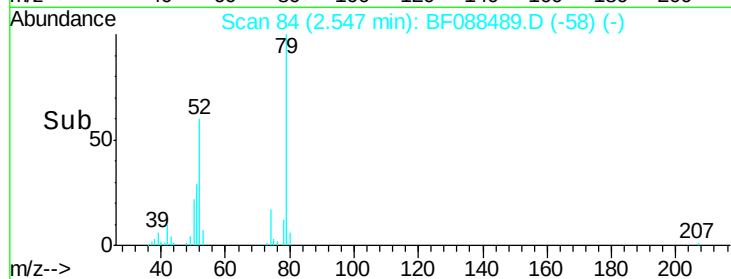
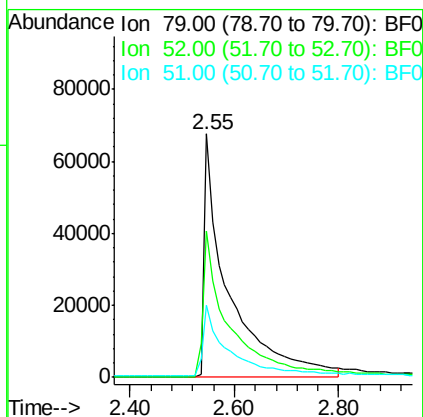
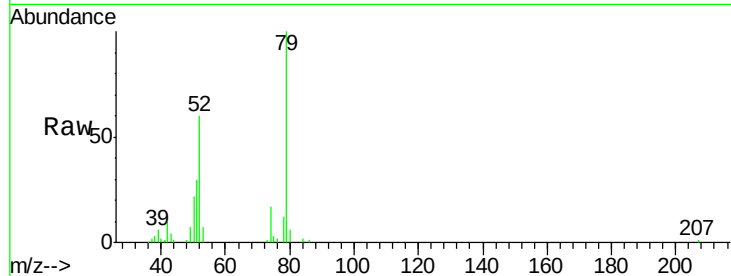




#3
 Pvridine
 Concen: 41.76 ng
 RT: 2.55 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

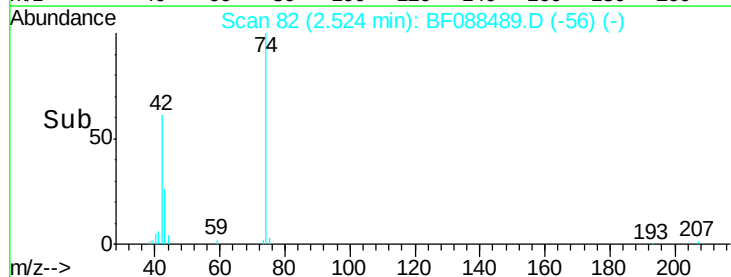
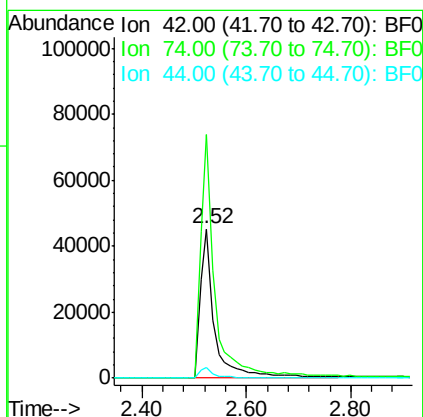
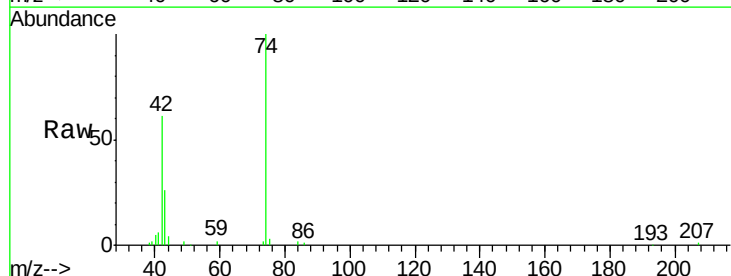
Instrument :
 BNA_F
 ClientSampled :

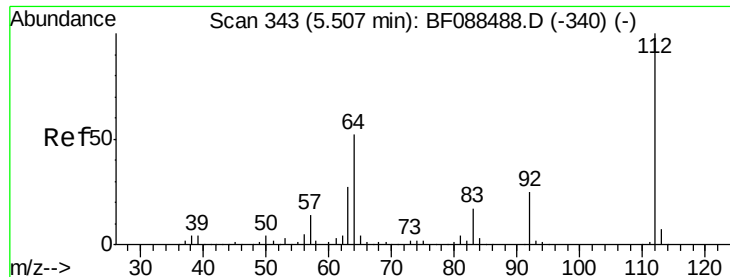
Tot Ion: 79 Resp: 219673
 Ion Ratio Lower Upper
 79 100
 52 60.0 56.3 84.5
 51 29.7 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 39.40 ng
 RT: 2.52 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion: 42 Resp: 87757
 Ion Ratio Lower Upper
 42 100
 74 163.4 108.6 163.0#
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 94.80 ng

RT: 5.51 min Scan# 343

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

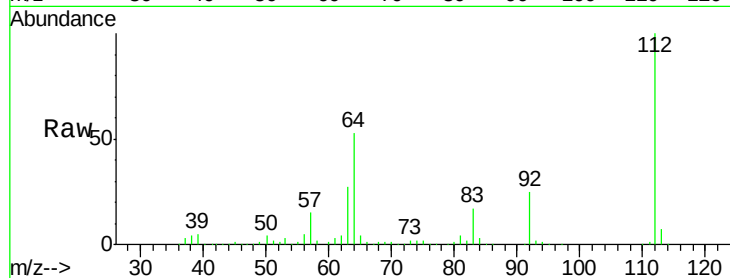
Tot Ion:112 Resp: 434607

Ion Ratio Lower Upper

112 100

64 52.8 42.2 63.2

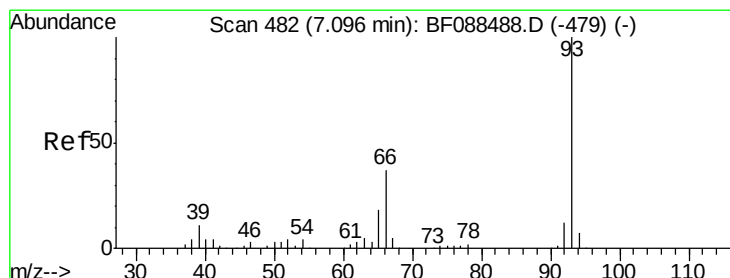
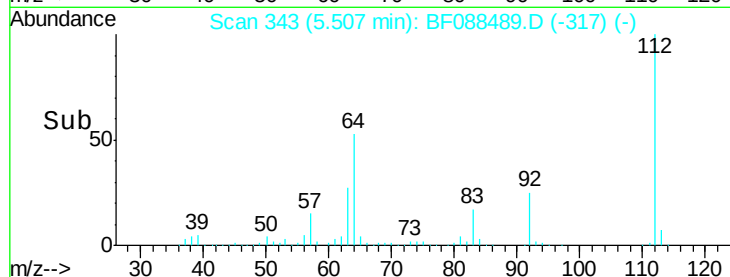
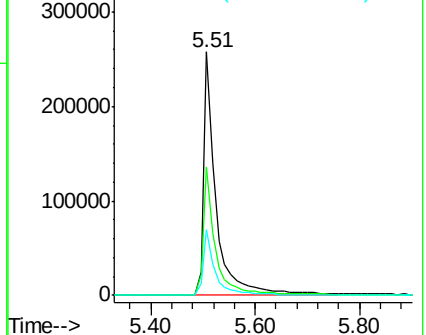
63 27.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.46 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

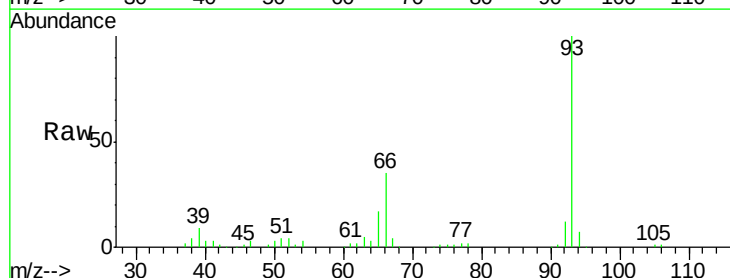
Tgt Ion: 93 Resp: 367450

Ion Ratio Lower Upper

93 100

66 35.5 29.8 44.8

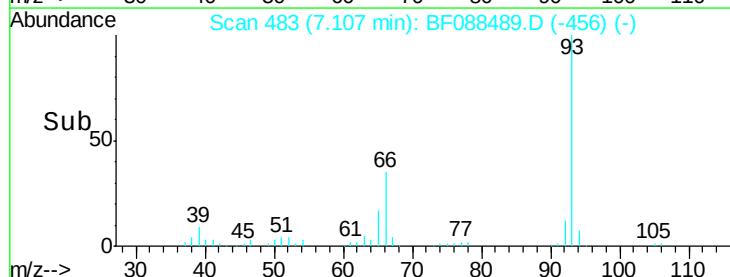
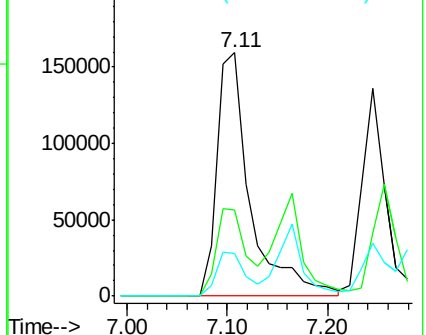
65 17.4 14.9 22.3

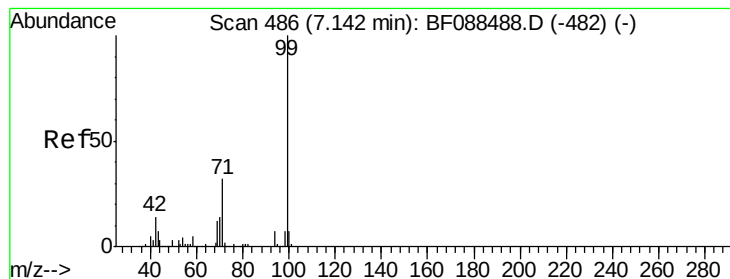


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.62 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

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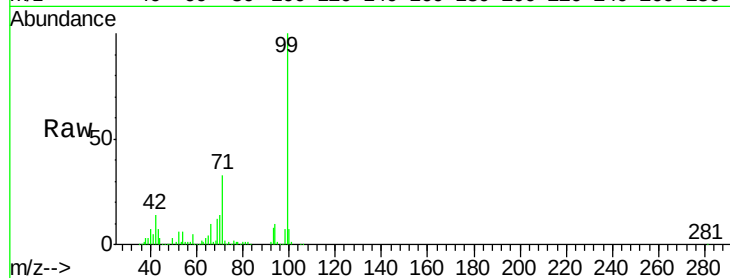
Tot Ion: 99 Resp: 525718

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

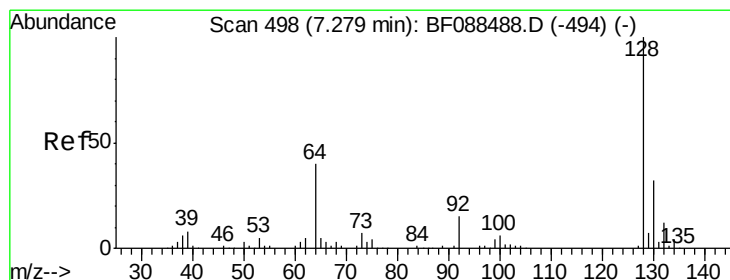
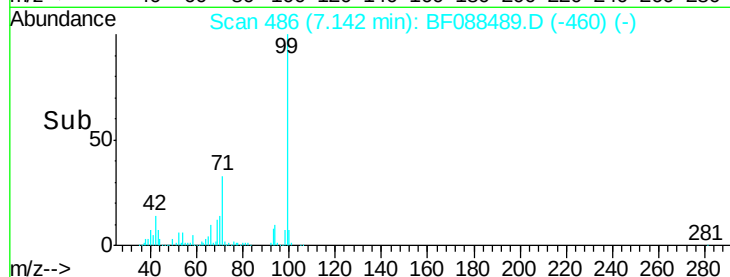
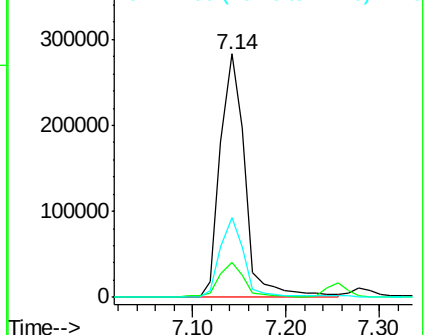
71 32.6 23.4 35.0



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: 50.30 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

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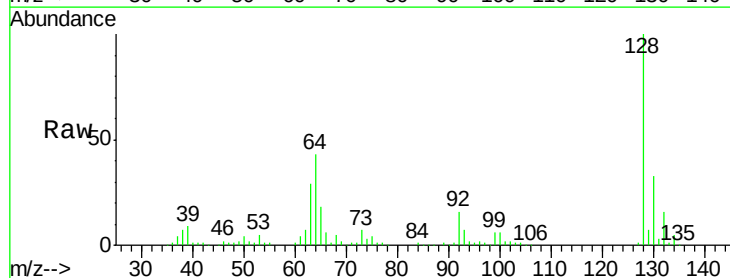
Tgt Ion: 128 Resp: 272935

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

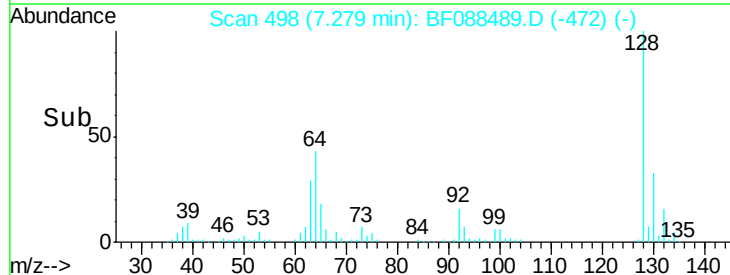
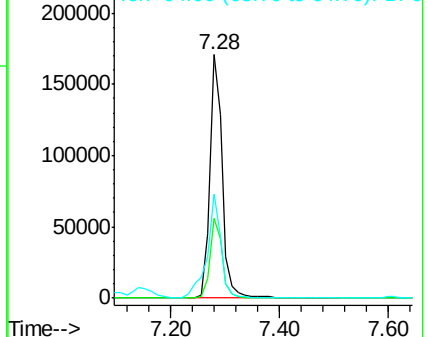
64 42.9 30.8 70.8

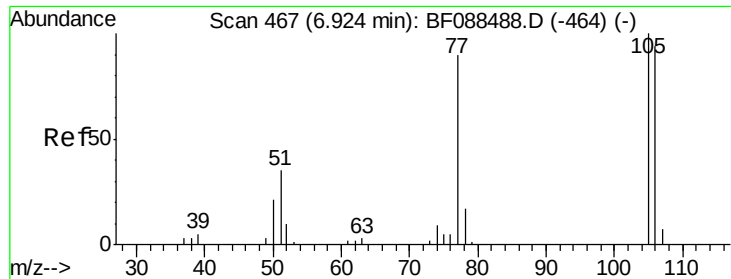


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.88 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

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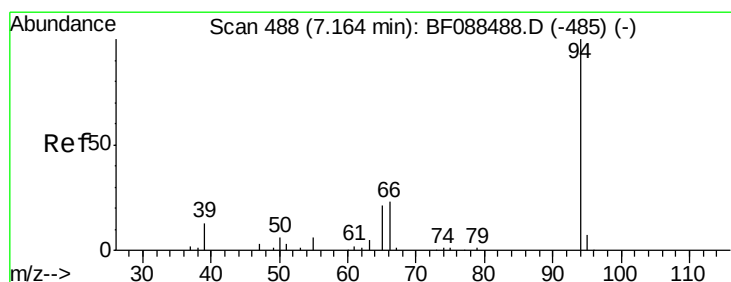
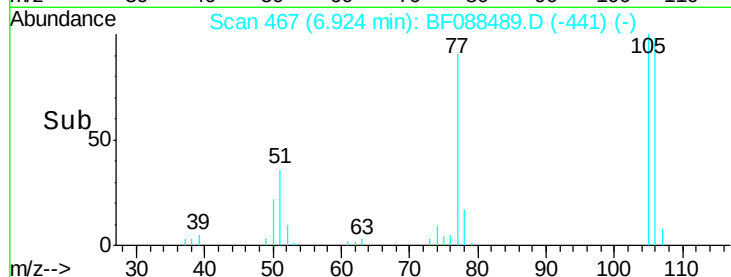
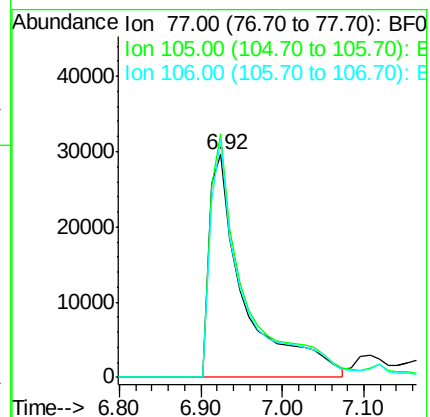
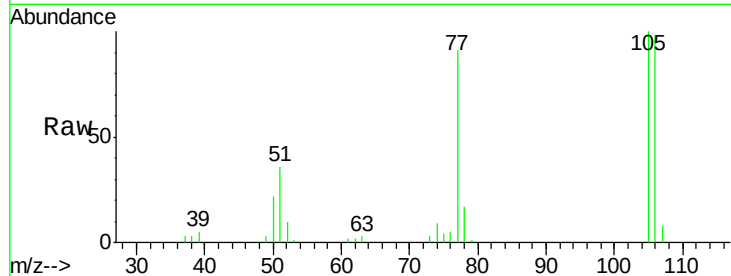
Tot Ion: 77 Resp: 89942

Ion Ratio Lower Upper

77 100

105 109.3 90.6 130.6

106 106.9 85.3 125.3



#10

Phenol

Concen: 46.91 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

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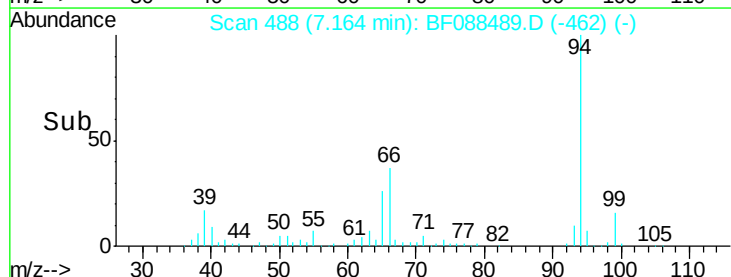
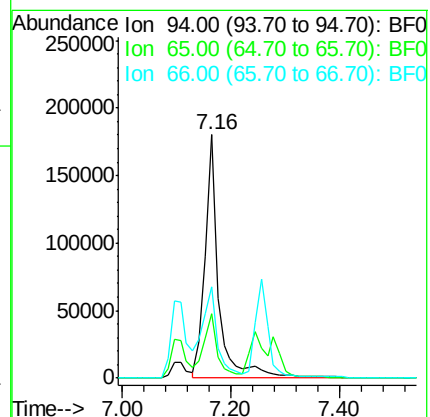
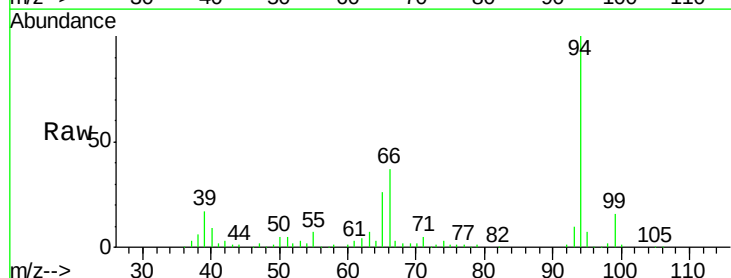
Tgt Ion: 94 Resp: 306120

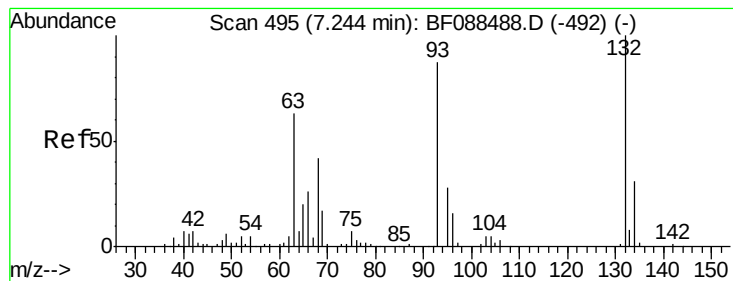
Ion Ratio Lower Upper

94 100

65 26.3 5.9 45.9

66 37.4 14.0 54.0

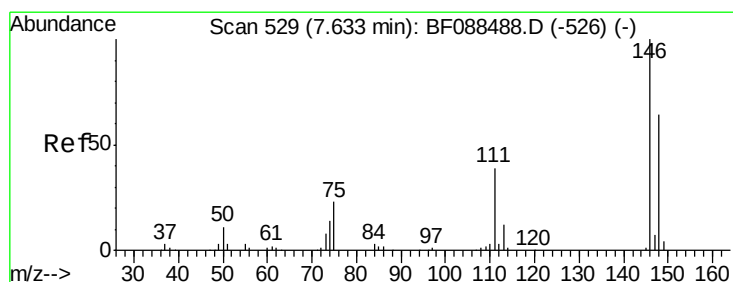
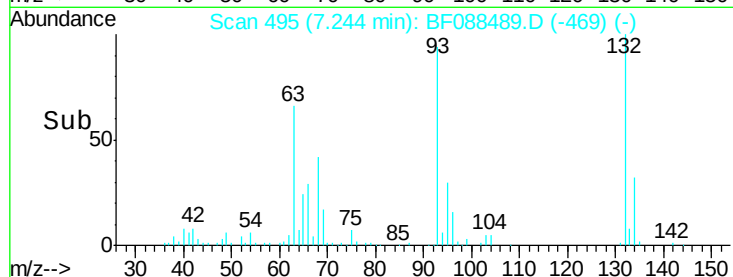
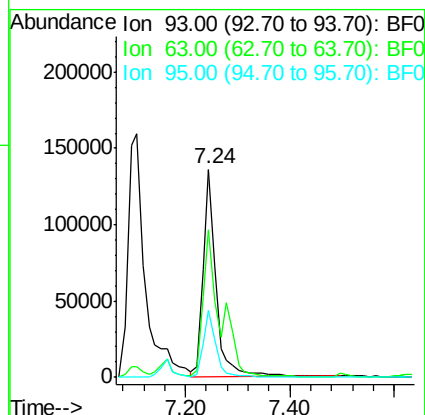
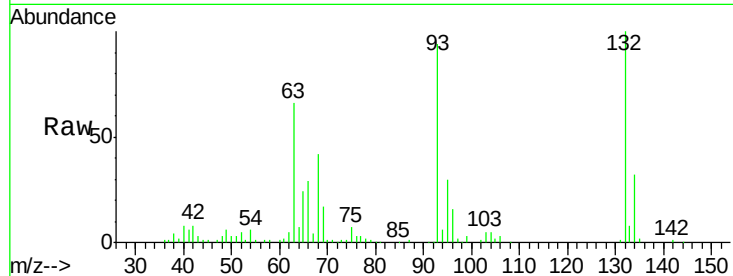




#11
bis(2-Chloroethyl)ether
Concen: 48.46 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

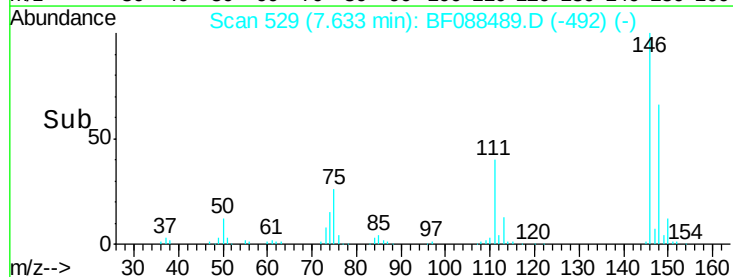
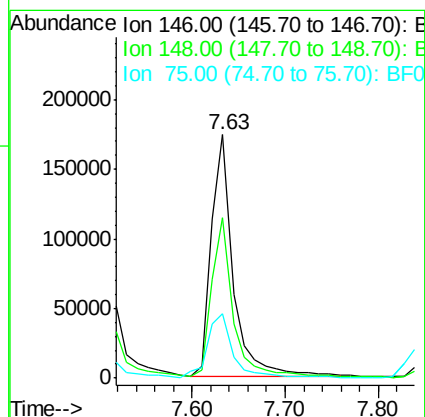
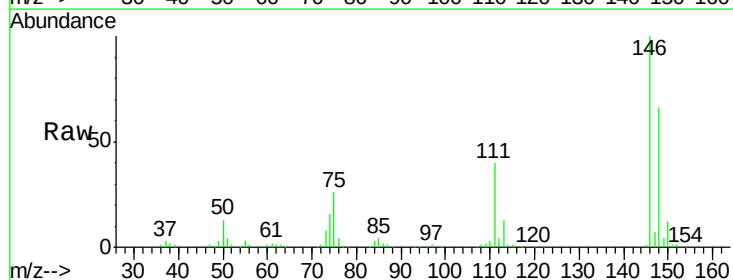
Instrument :
BNA_F
ClientSampleId :

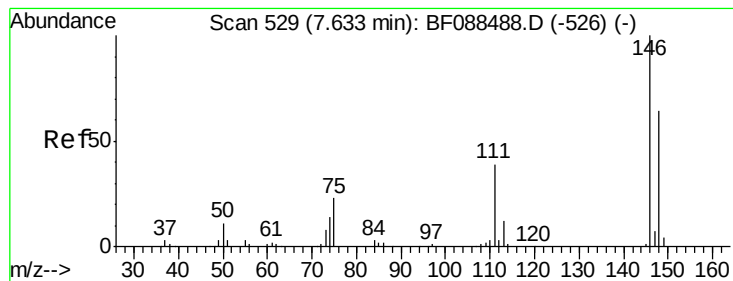
Tot Ion: 93 Resp: 236111
Ion Ratio Lower Upper
93 100
63 70.7 67.6 107.6
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.74 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.13 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion: 146 Resp: 283777
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
75 26.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 48.94 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

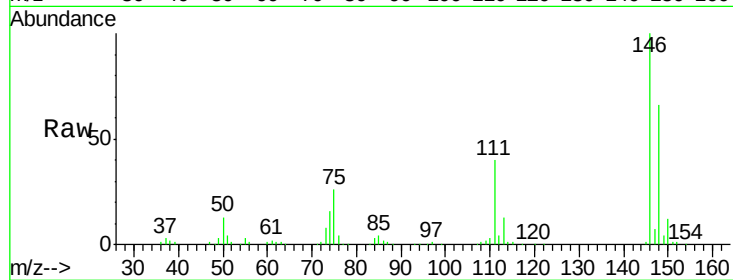
Tot Ion:146 Resp: 287028

Ion Ratio Lower Upper

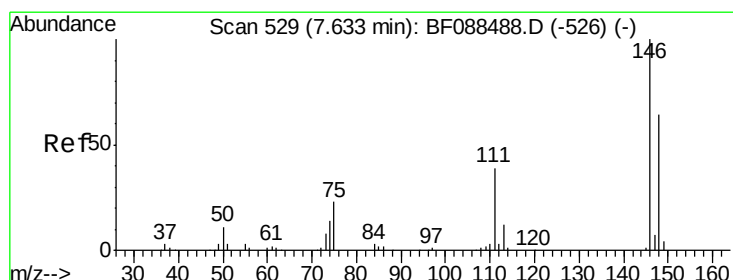
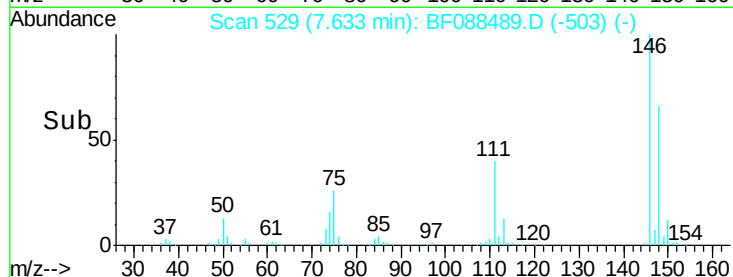
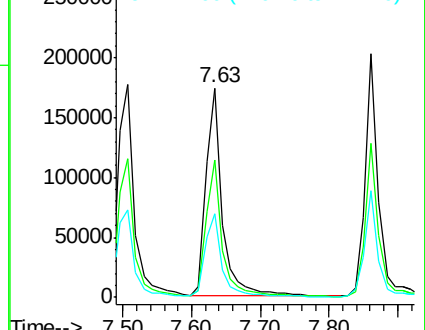
146 100

148 65.7 52.0 78.0

111 39.9 33.8 50.8



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



#14

1,2-Dichlorobenzene

Concen: 53.83 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.23 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

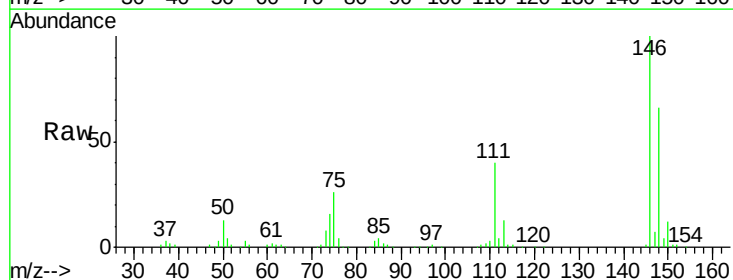
Tgt Ion:146 Resp: 287100

Ion Ratio Lower Upper

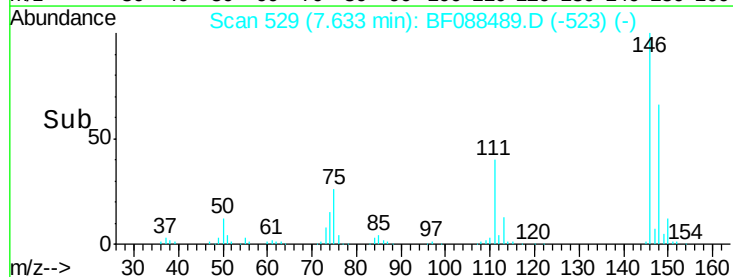
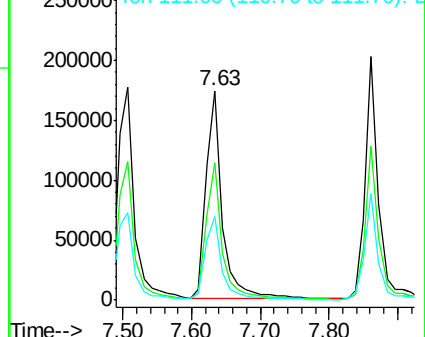
146 100

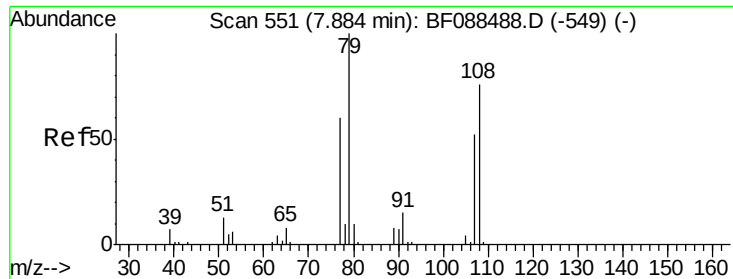
148 65.7 52.3 78.5

111 39.9 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

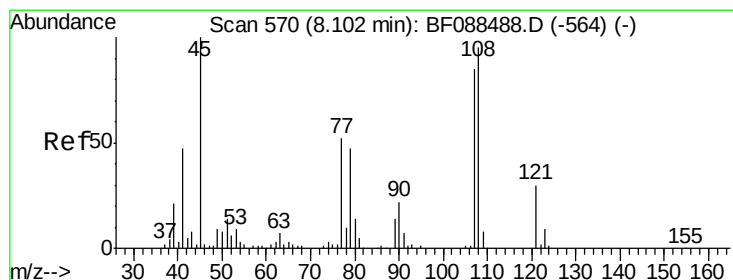
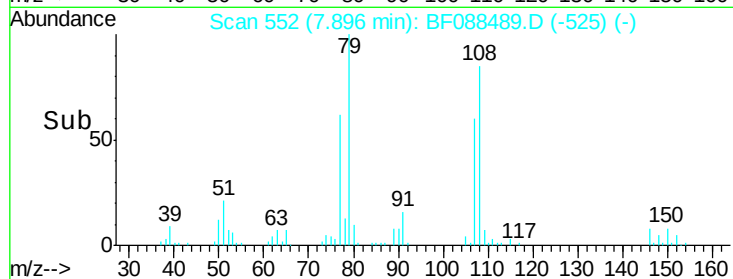
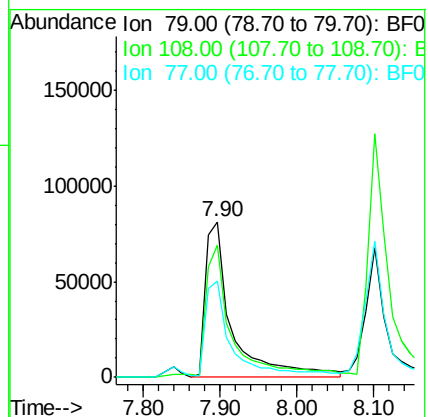
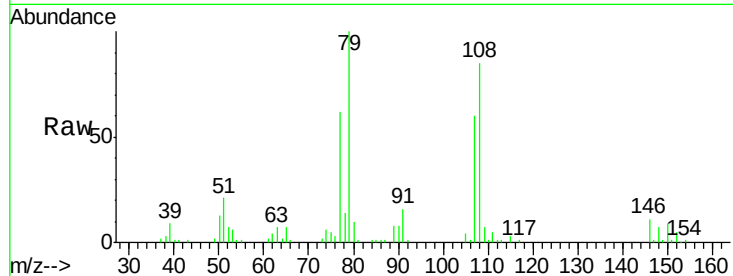
Tot Ion: 79 Resp: 195665

Ion Ratio Lower Upper

79 100

108 85.0 65.0 97.6

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.27 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

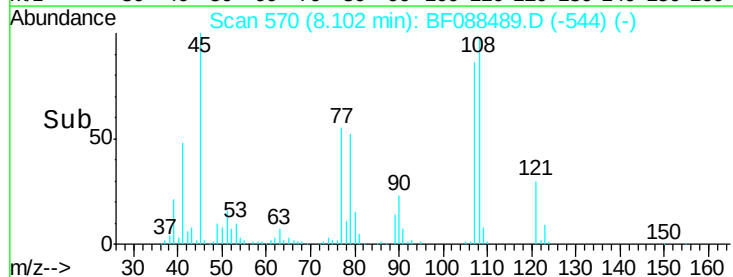
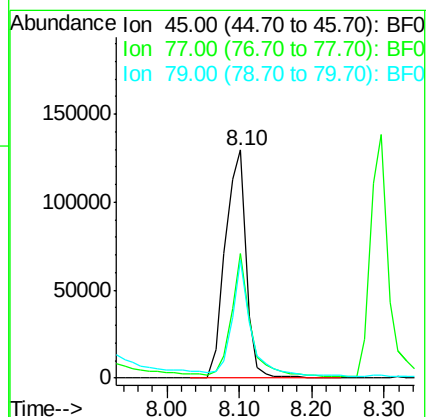
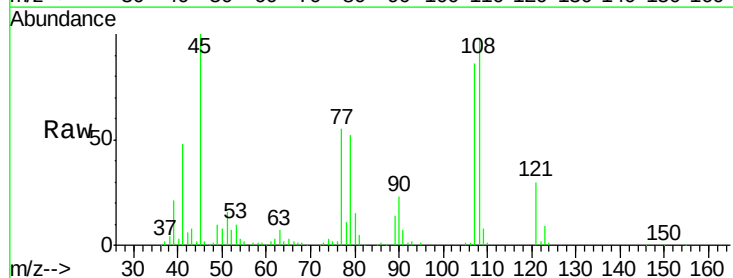
Tgt Ion: 45 Resp: 258482

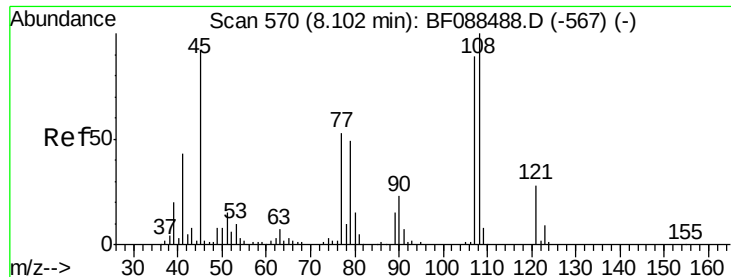
Ion Ratio Lower Upper

45 100

77 54.8 0.0 32.5#

79 52.2 0.0 29.5#





#17

2-Methylphenol

Concen: 45.02 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 198137

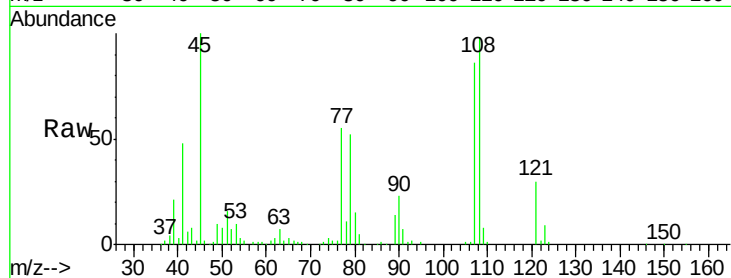
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 63.7 36.6 55.0#

79 60.6 36.5 54.7#

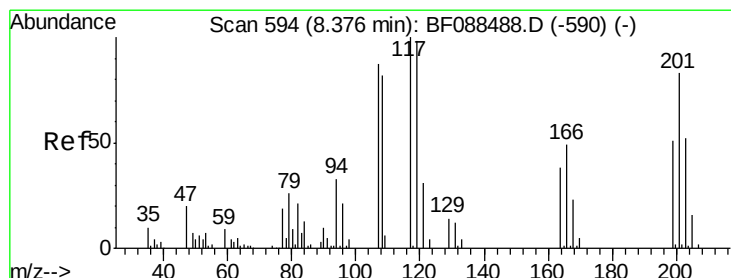
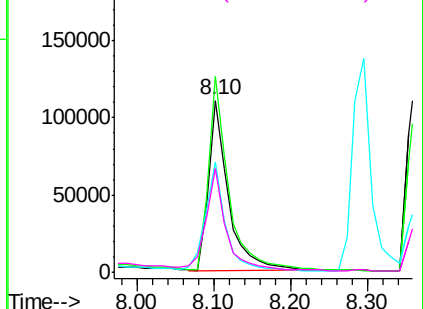
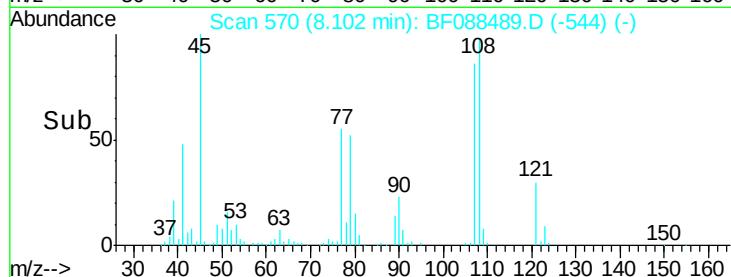


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.77 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

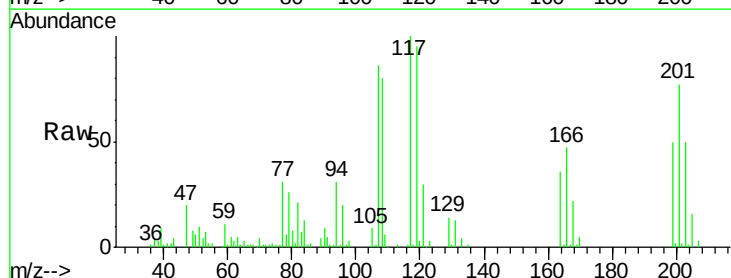
Tgt Ion:117 Resp: 103587

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2

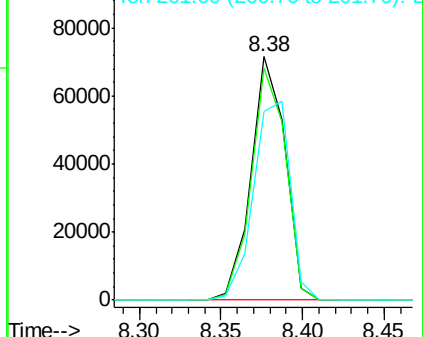
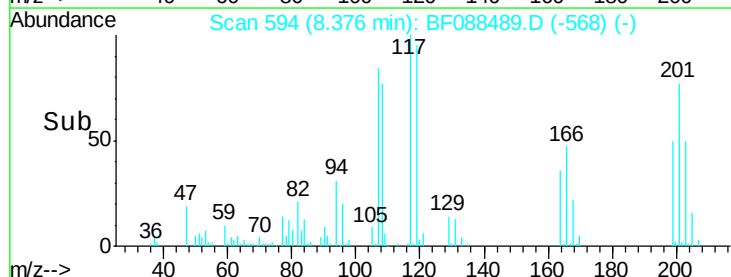
201 77.5 80.4 120.6#

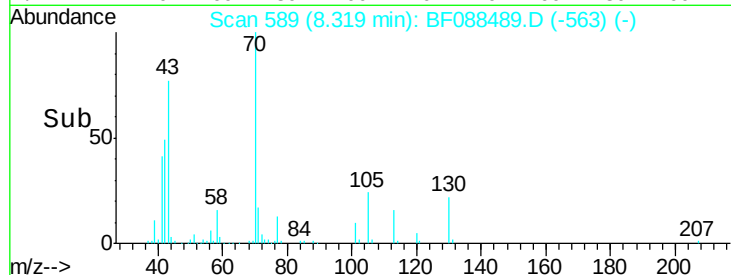
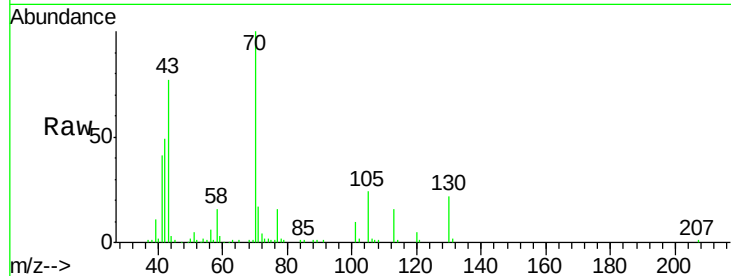
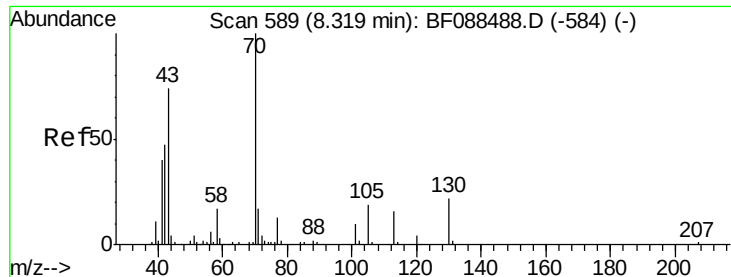


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

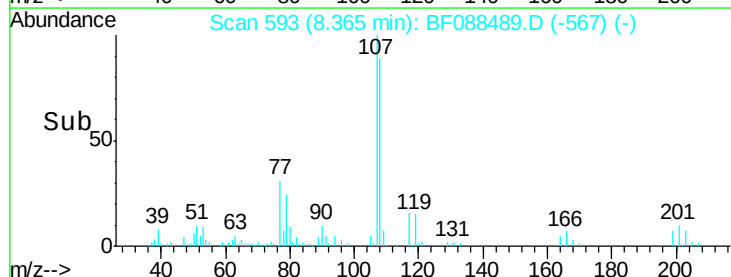
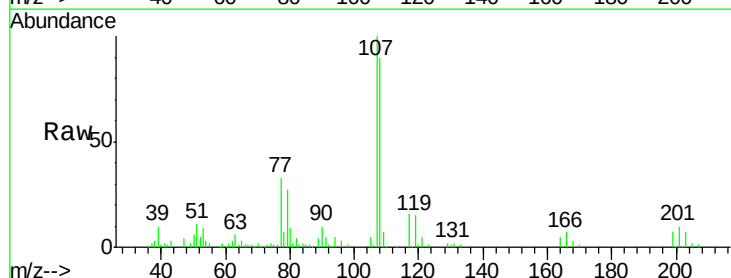
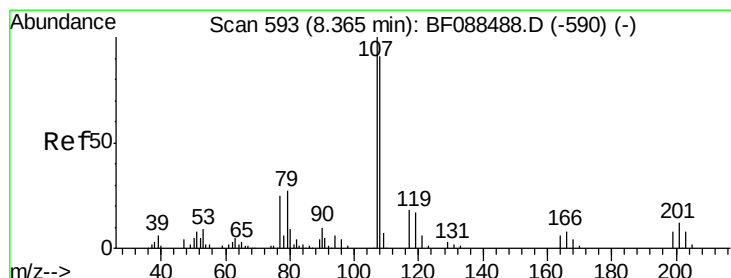
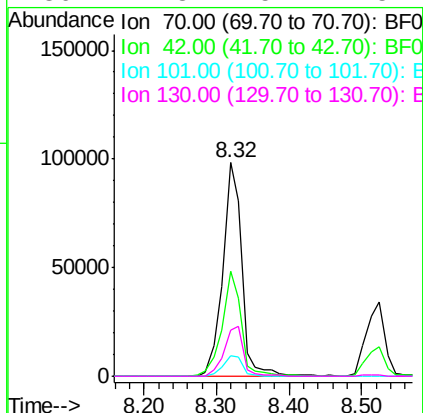




#19
n-Nitroso-di-n-propylamine
Concen: 50.34 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

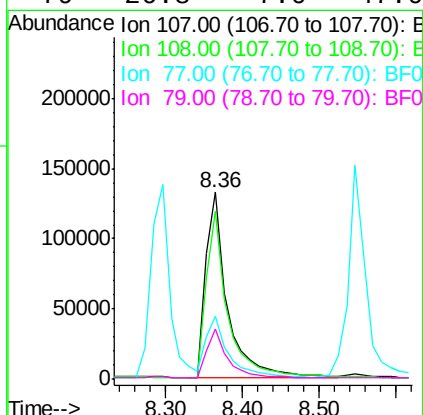
Instrument :
BNA_F
ClientSampled :

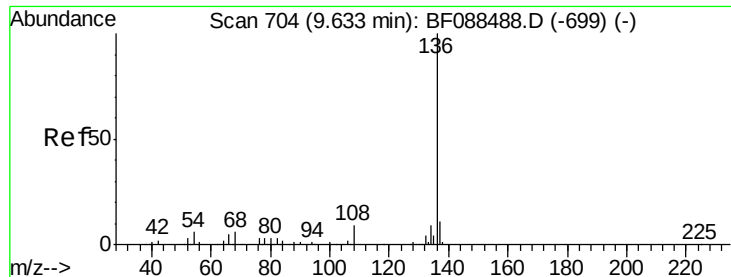
Tot Ion: 70 Resp: 178920
Ion Ratio Lower Upper
70 100
42 49.0 49.6 74.4#
101 9.5 7.1 10.7
130 21.8 15.4 23.2



#20
3+4-Methylphenols
Concen: 50.73 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion: 107 Resp: 260490
Ion Ratio Lower Upper
107 100
108 89.7 67.8 107.8
77 33.4 59.3 99.3#
79 26.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 320224

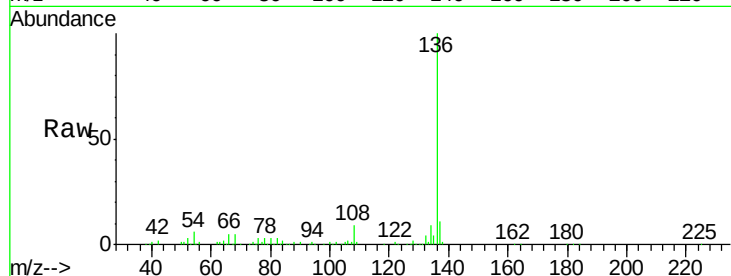
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.3 5.1 7.7

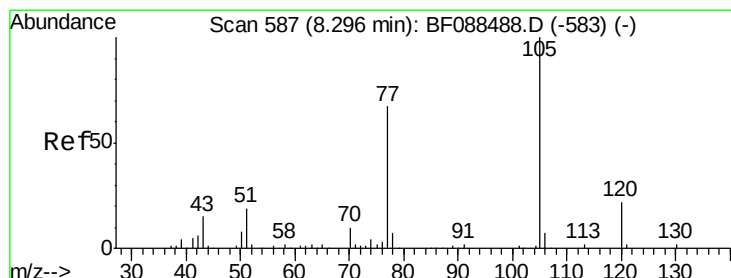
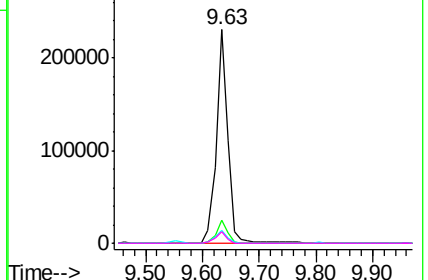
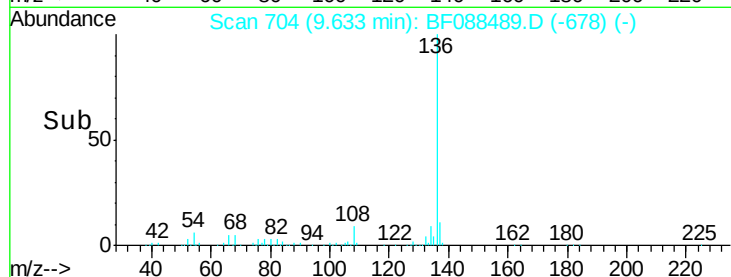


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.68 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Tgt Ion:105 Resp: 362682

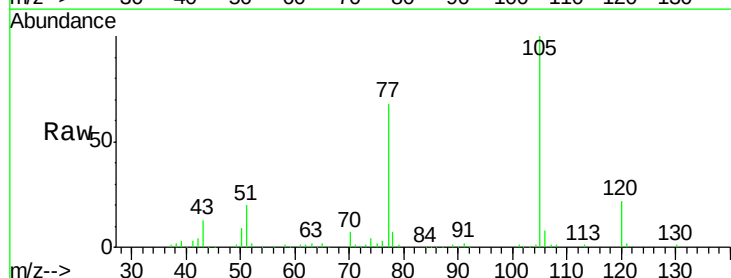
Ion Ratio Lower Upper

105 100

71 1.2 5.3 7.9#

51 20.2 18.2 27.4

120 21.6 18.0 27.0

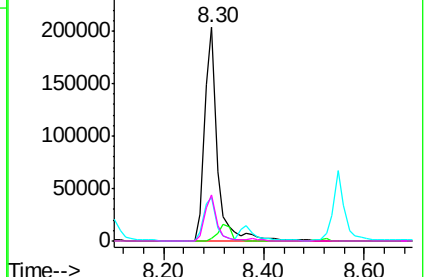
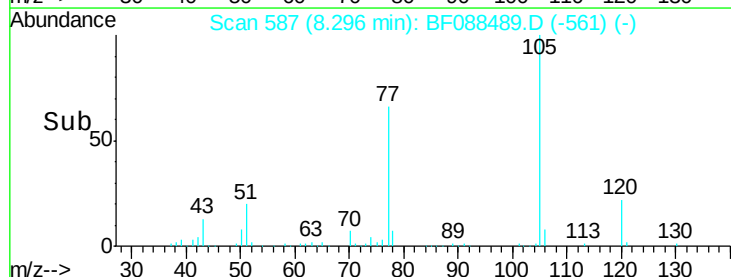


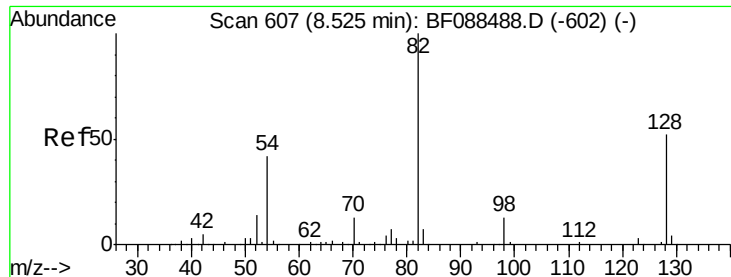
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

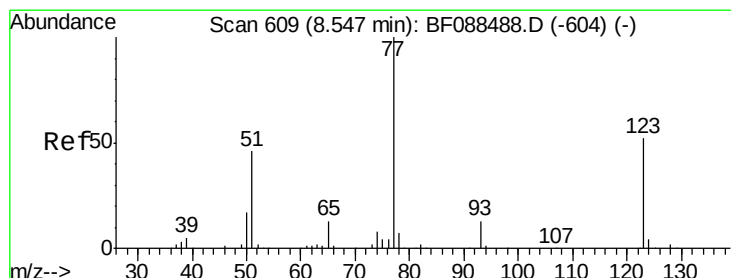
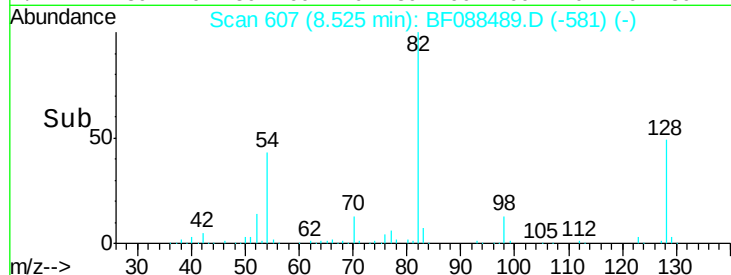
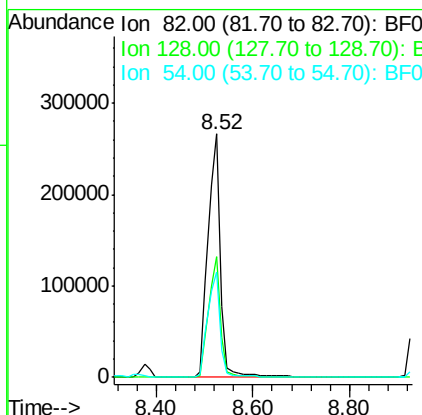
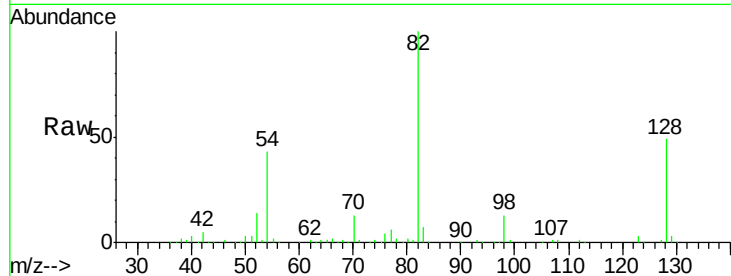




#23
 Nitrobenzene-d5
 Concen: 89.28 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

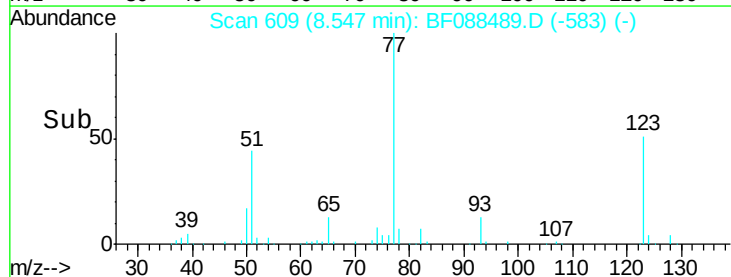
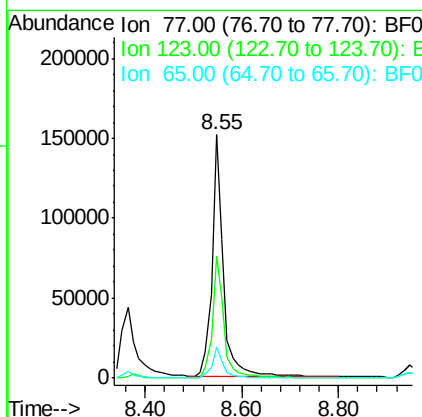
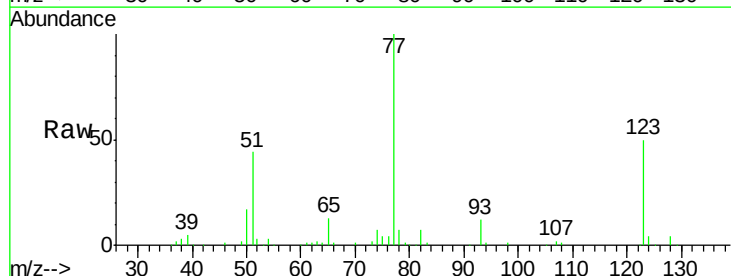
Instrument :
 BNA_F
 ClientSampleId :

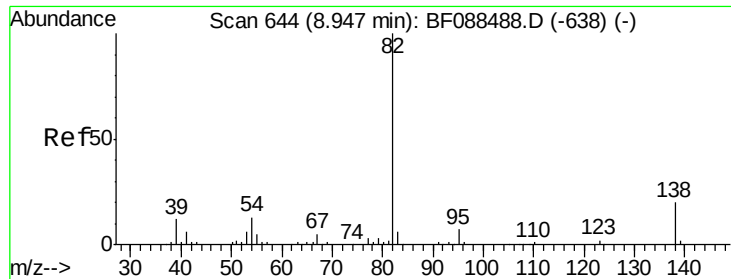
Tot Ion	82	Resp	489580
Ion Ratio	100	Lower	Upper
128	49.5	35.9	53.9
54	43.5	40.9	61.3



#24
 Nitrobenzene
 Concen: 47.47 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion	77	Resp	252165
Ion Ratio	100	Lower	Upper
123	50.3	45.0	67.4
65	13.0	10.2	15.2





#25

Isophorone

Concen: 46.98 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

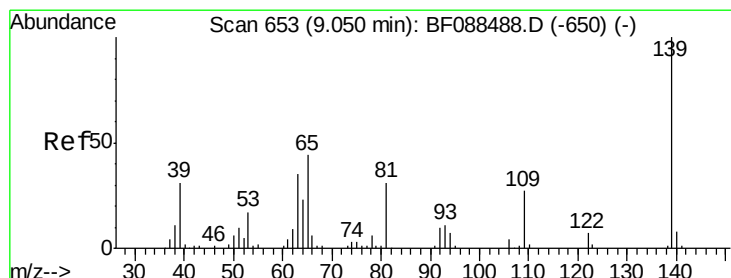
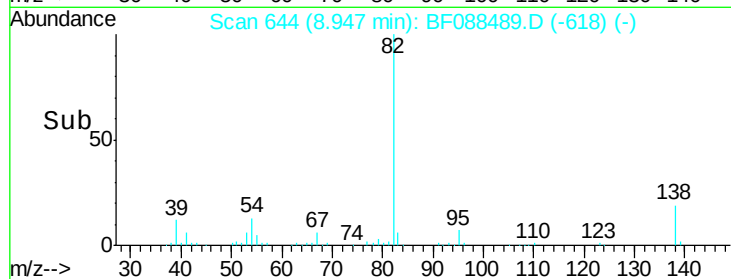
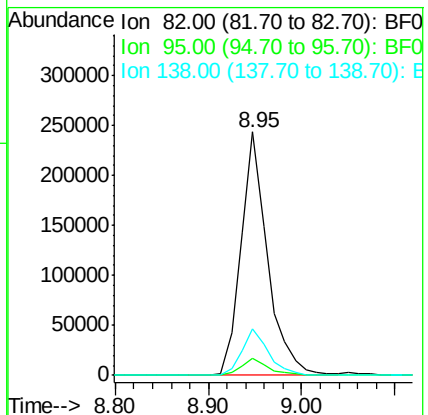
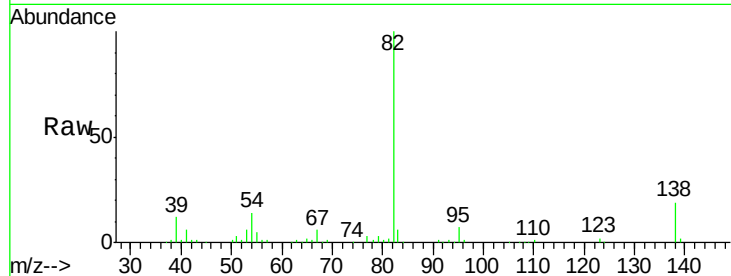
Tot Ion: 82 Resp: 477216

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 19.2 14.6 21.8



#26

2-Nitrophenol

Concen: 49.39 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

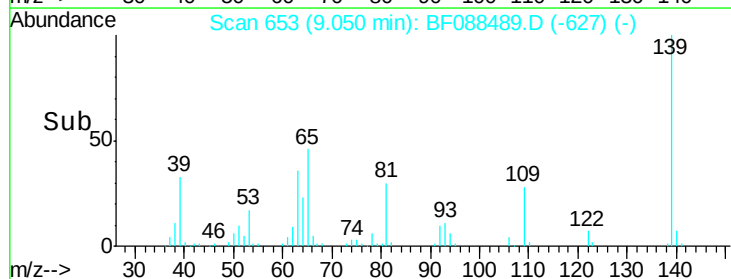
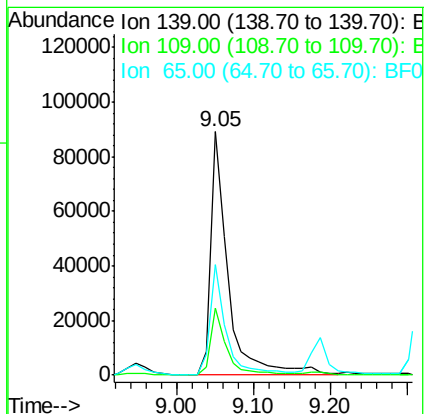
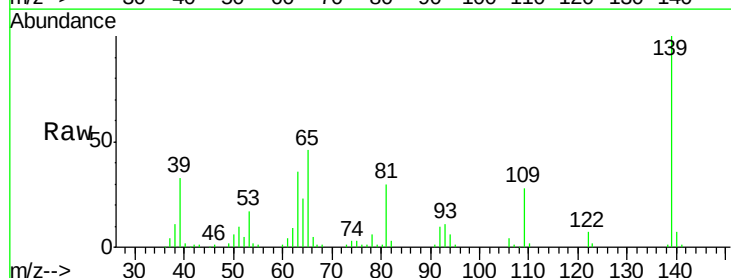
Tgt Ion: 139 Resp: 140543

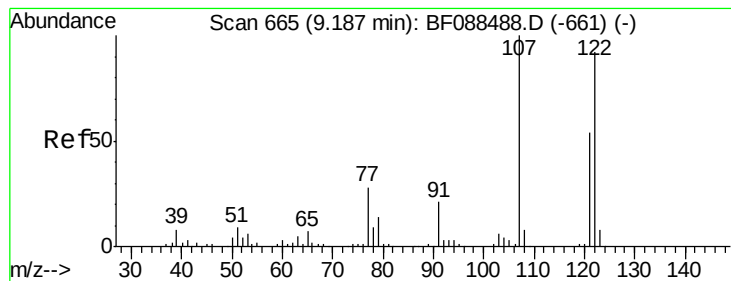
Ion Ratio Lower Upper

139 100

109 27.6 23.0 34.4

65 45.6 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 44.57 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

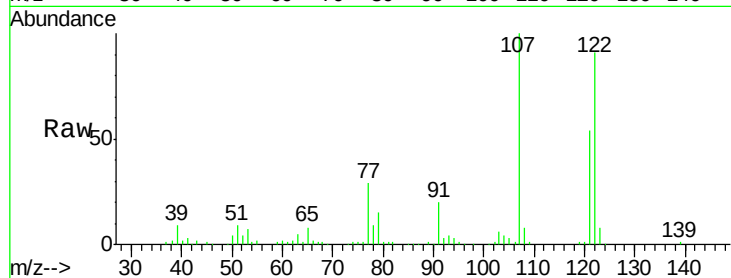
Tot Ion:122 Resp: 233498

Ion Ratio Lower Upper

122 100

107 110.2 82.4 123.6

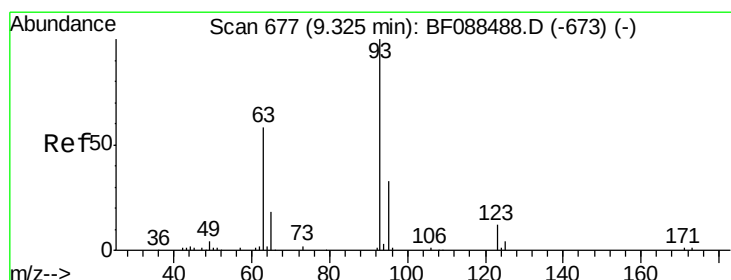
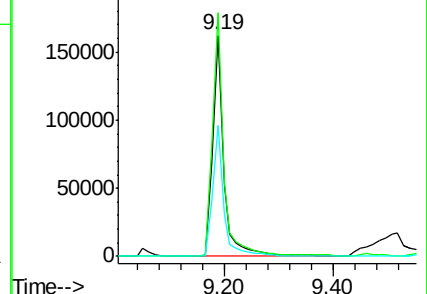
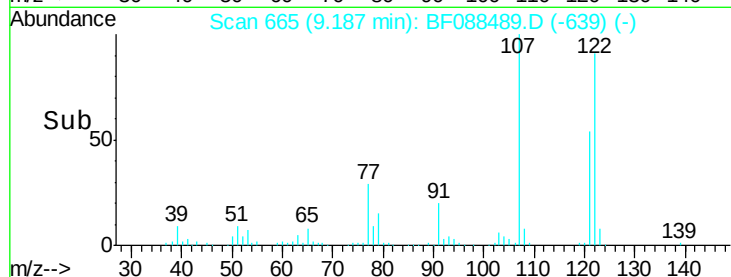
121 59.0 46.3 69.5



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: 48.74 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

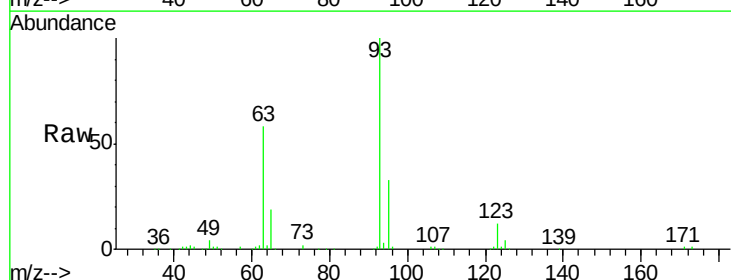
Tgt Ion: 93 Resp: 307041

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

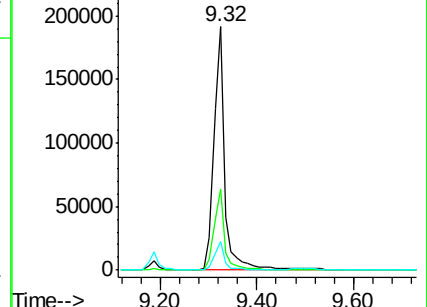
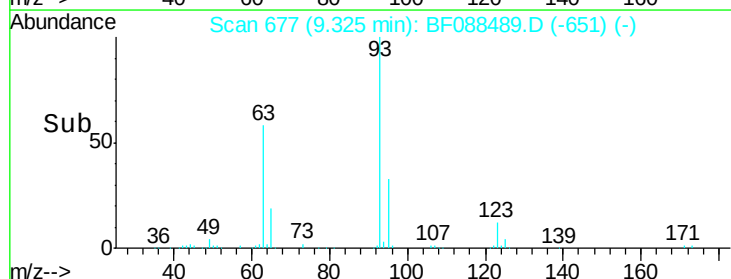
123 11.6 11.6 17.4#

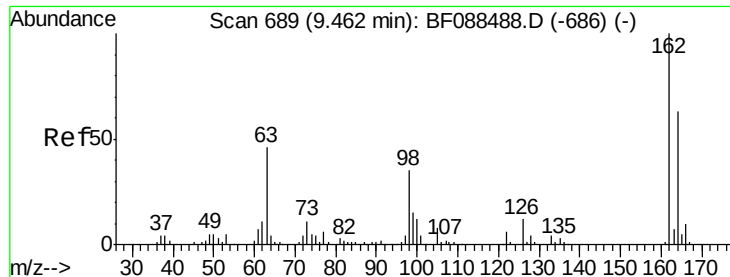


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

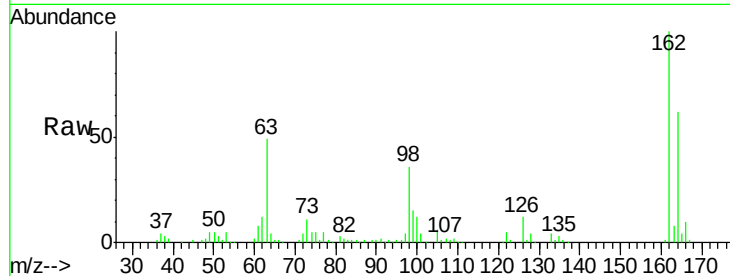




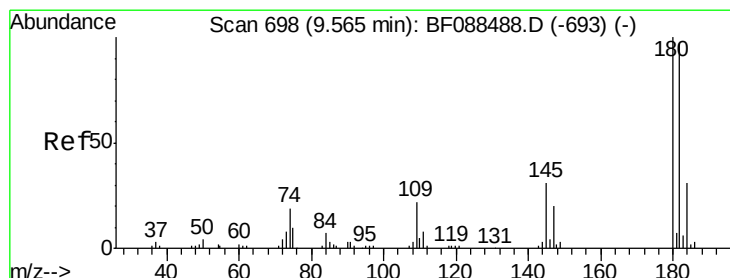
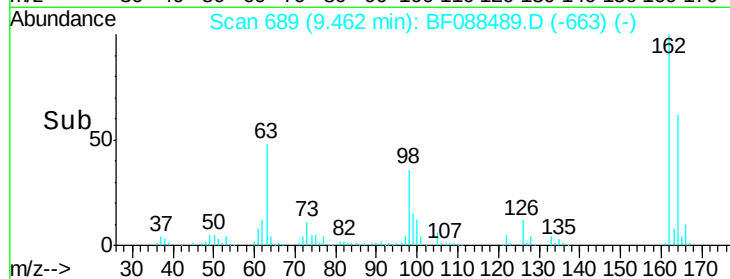
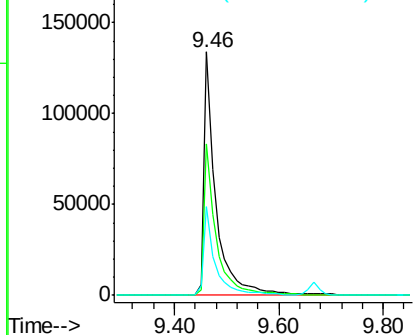
#29
 2,4-Dichlorophenol
 Concen: 49.38 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	43.8	83.8
98	36.3	21.3	61.3

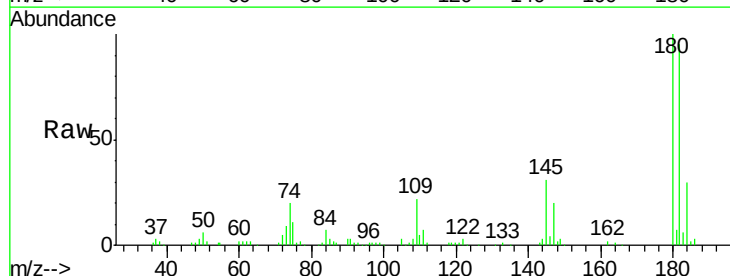


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

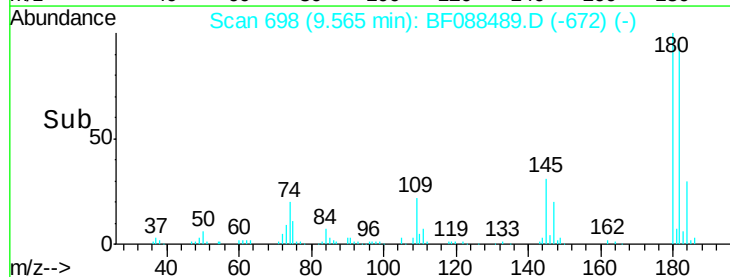
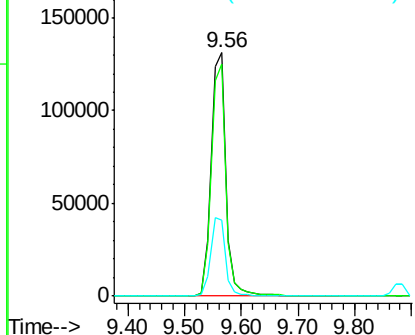


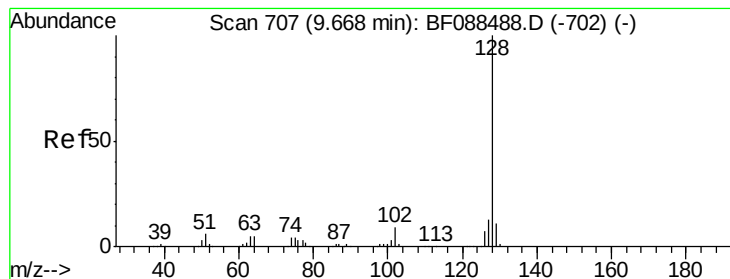
#30
 1,2,4-Trichlorobenzene
 Concen: 48.54 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	30.9	26.5	39.7



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: 48.18 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

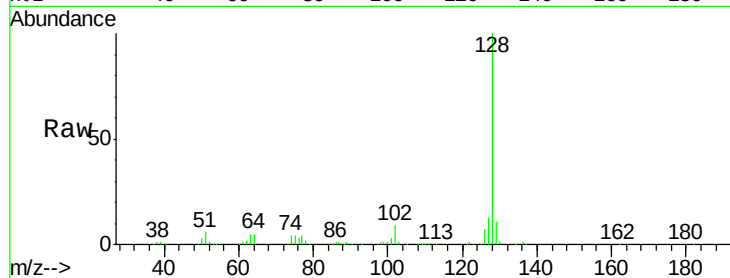
Tot Ion:128 Resp: 763424

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

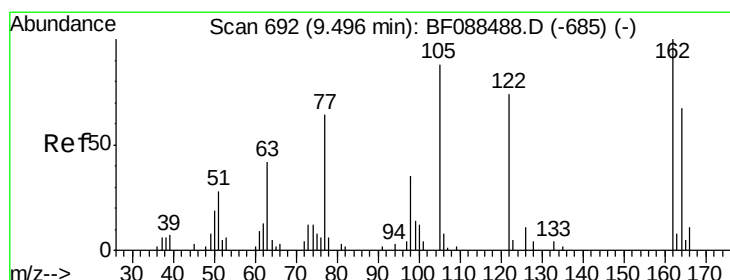
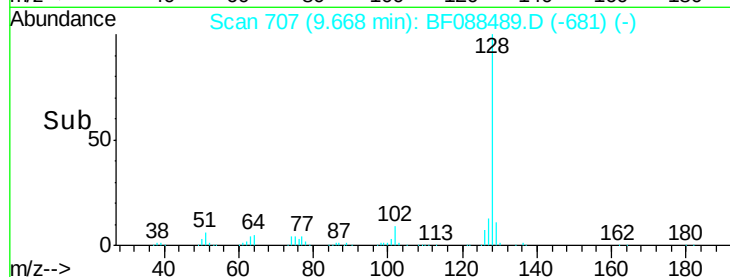
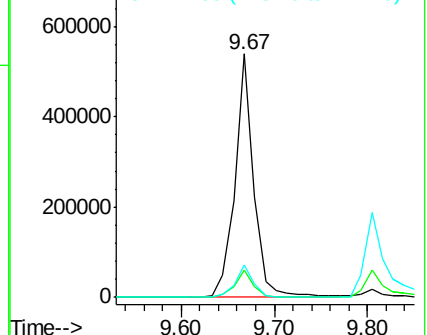
127 13.2 10.9 16.3



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: 27.08 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

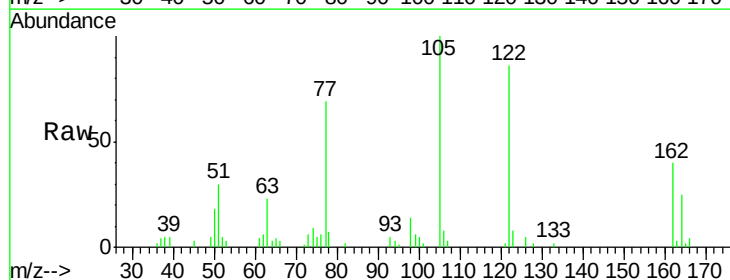
Tgt Ion:122 Resp: 78112

Ion Ratio Lower Upper

122 100

105 116.0 101.6 141.6

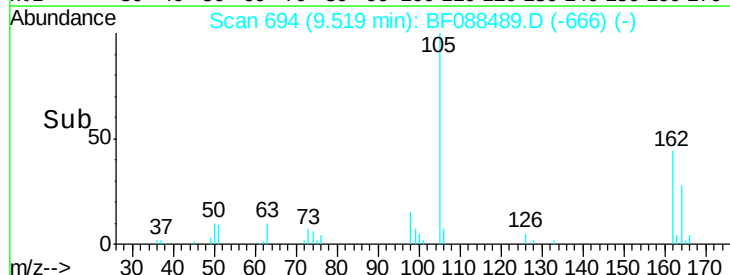
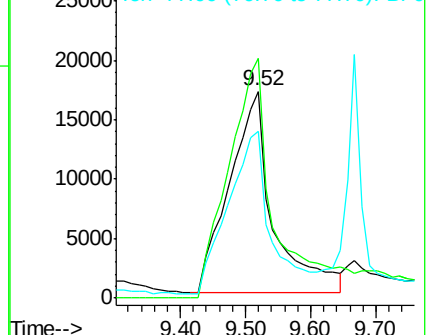
77 80.5 70.6 110.6

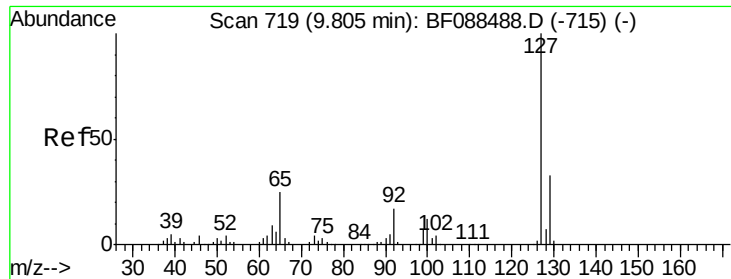


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

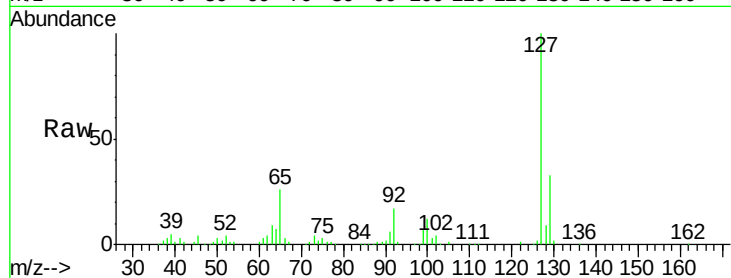




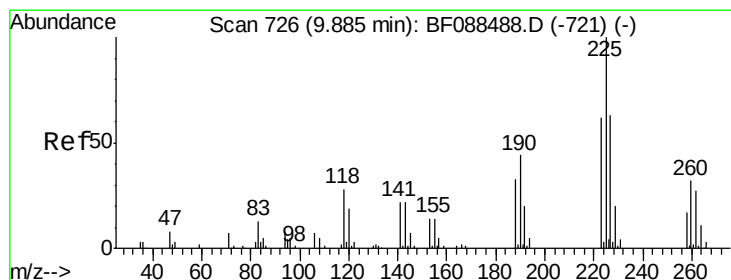
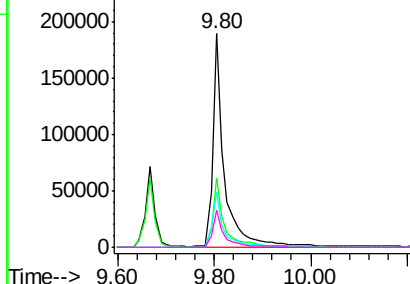
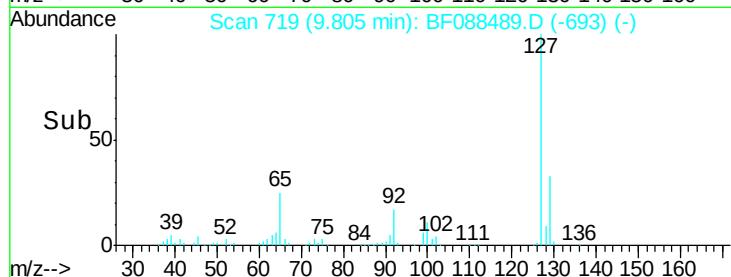
#33
4-Chloroaniline
Concen: 45.16 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	319597
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	25.9	24.7	37.1
92	17.2	15.4	23.0

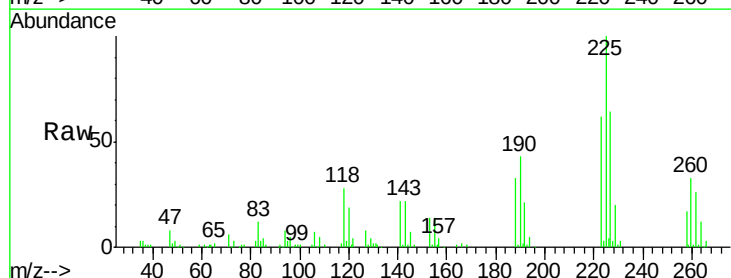


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

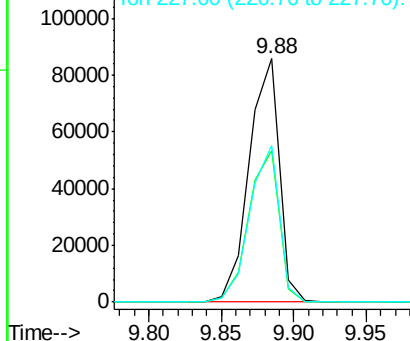
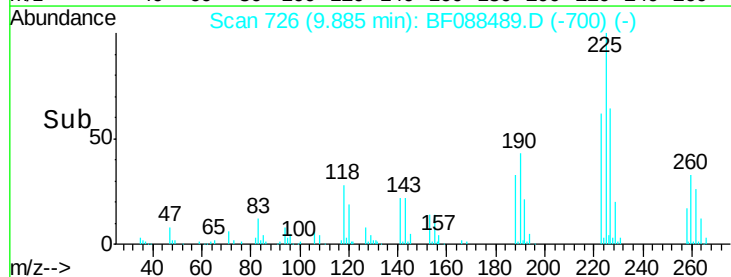


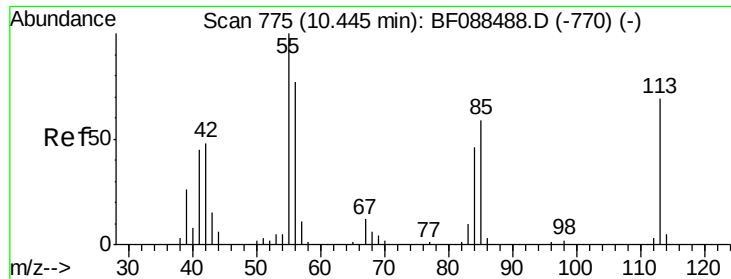
#34
Hexachlorobutadiene
Concen: 49.20 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:	225	Resp:	123596
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	64.5	51.9	77.9



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: 33.07 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

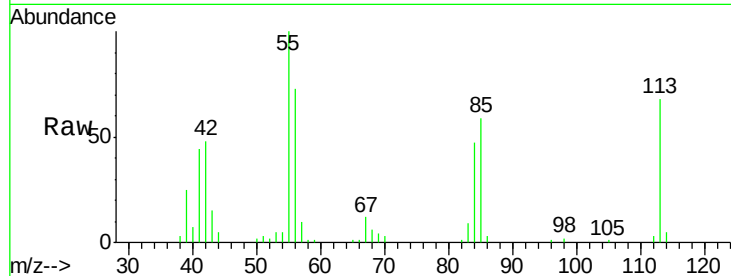
Tot Ion:113 Resp: 47920

Ion Ratio Lower Upper

113 100

55 146.0 158.6 198.6#

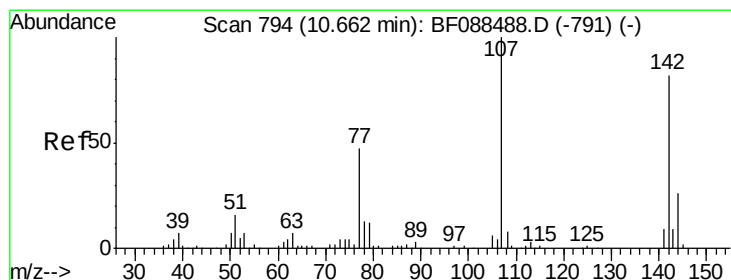
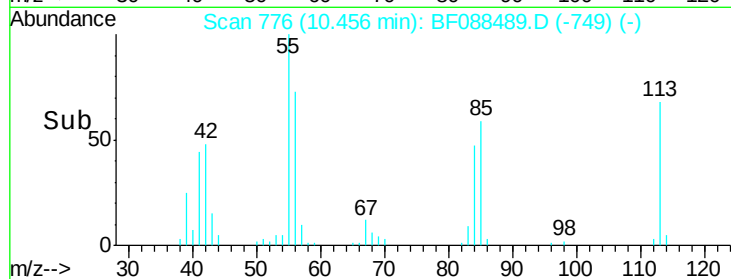
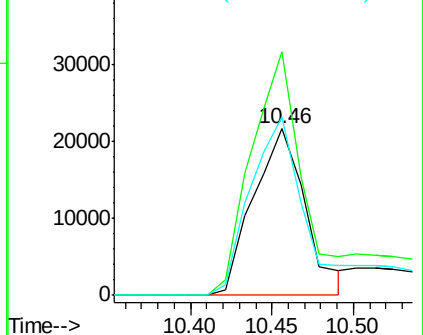
56 107.1 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.92 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

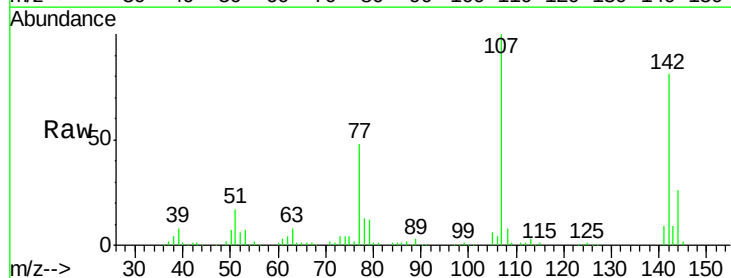
Tgt Ion:107 Resp: 219495

Ion Ratio Lower Upper

107 100

144 25.8 20.8 31.2

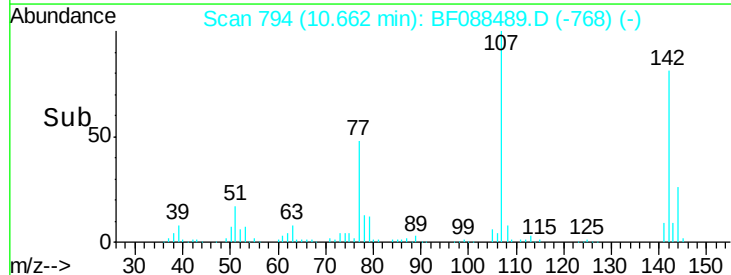
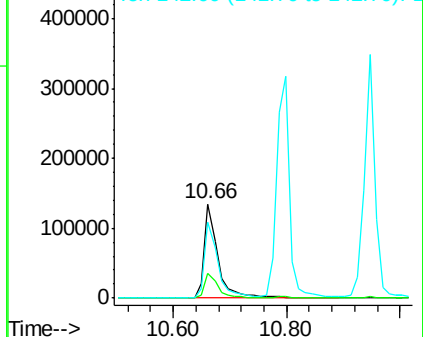
142 80.8 63.4 95.2

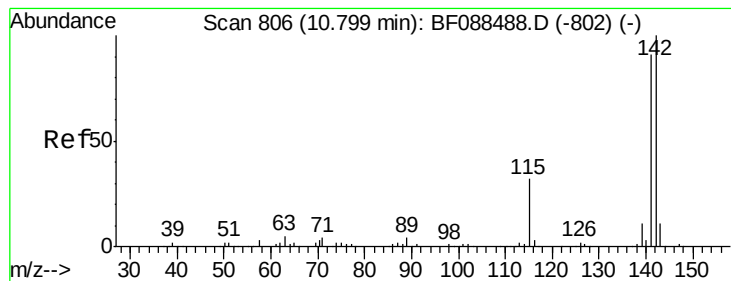


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.82 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

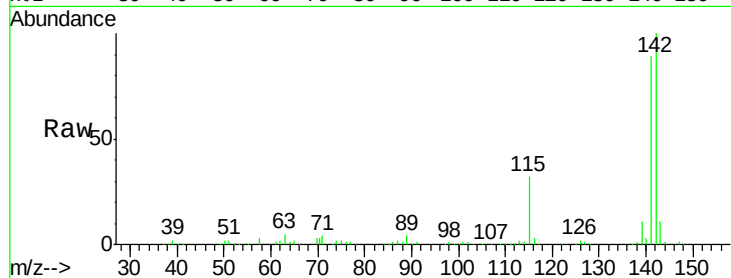
Tot Ion:142 Resp: 499430

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

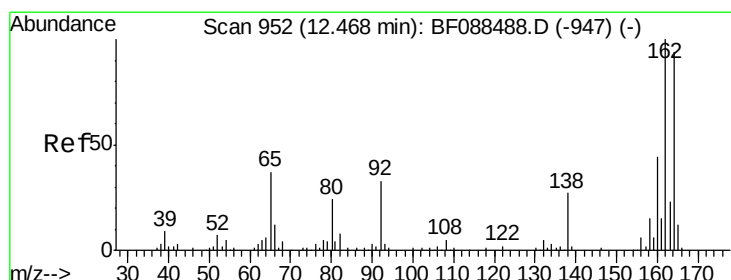
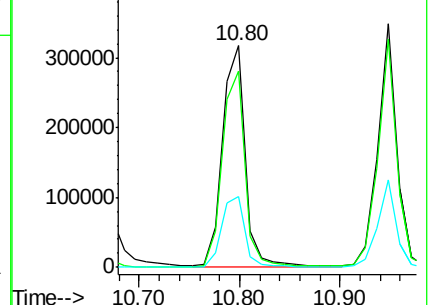
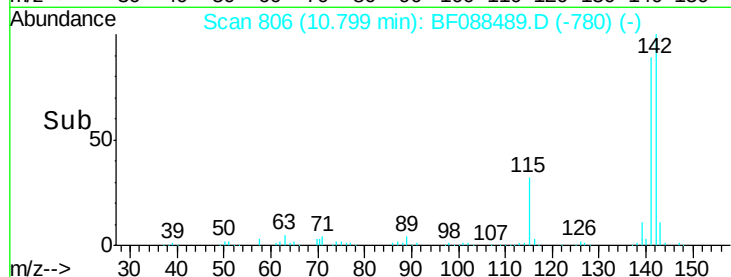
115 32.1 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

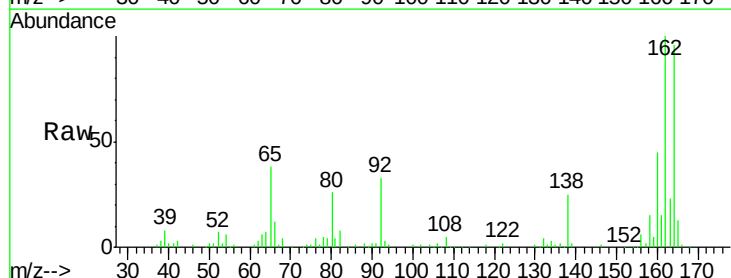
Tgt Ion:164 Resp: 142201

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

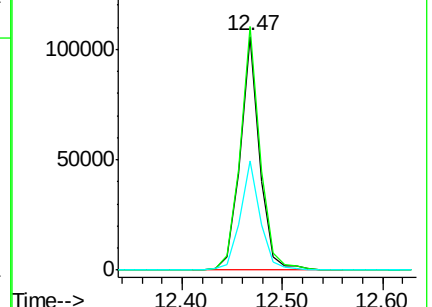
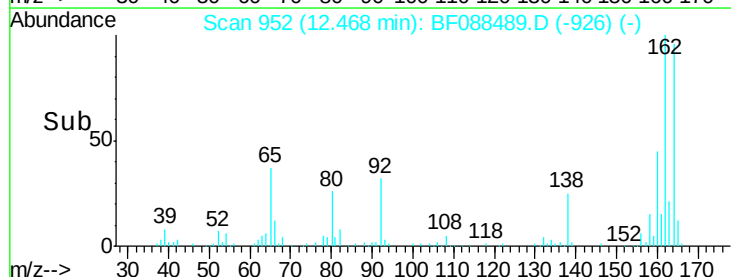
160 46.6 39.5 59.3

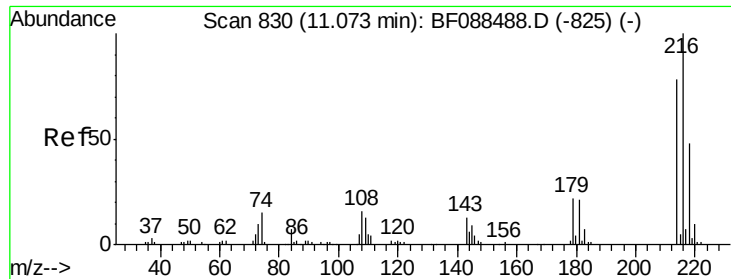


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

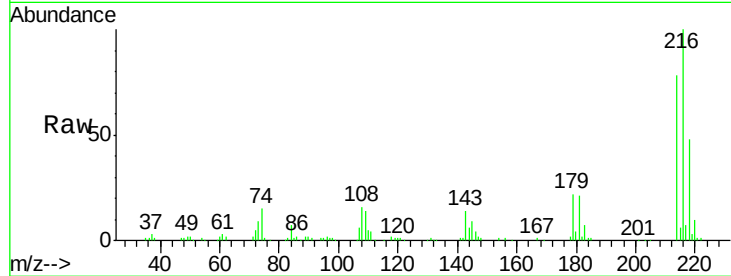




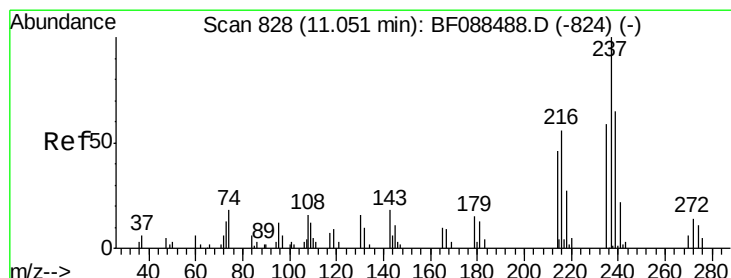
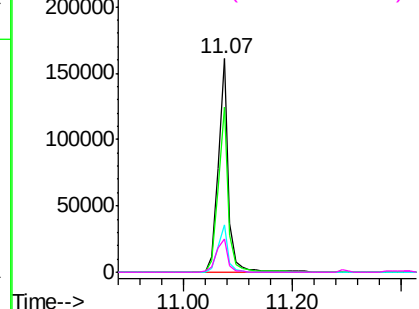
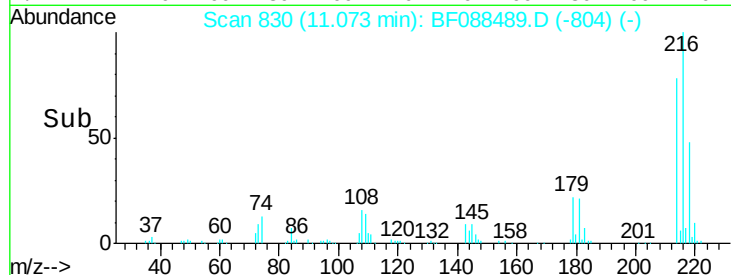
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.62 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216 Resp: 213929
 Ion Ratio Lower Upper
 216 100
 214 77.9 2.9 4.3#
 179 22.0 0.0 0.0#
 108 18.2 0.5 0.7#

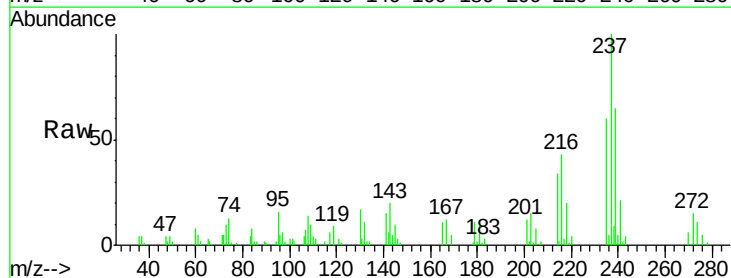


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

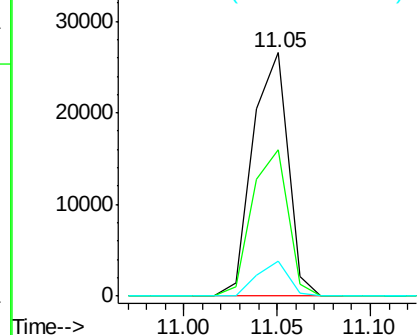
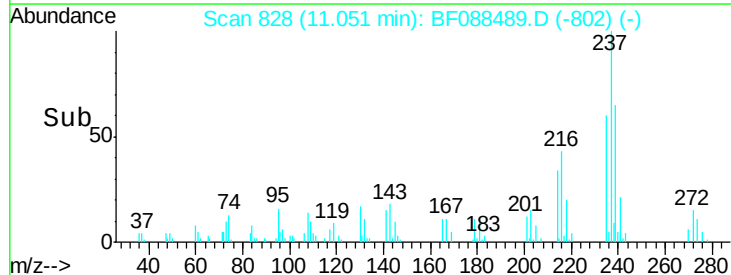


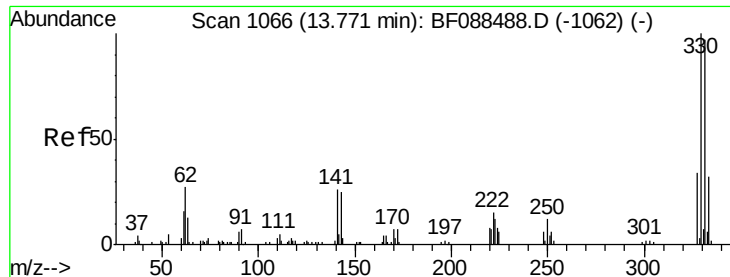
#40
 Hexachlorocyclopentadiene
 Concen: 15.14 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:237 Resp: 34724
 Ion Ratio Lower Upper
 237 100
 235 60.2 43.4 83.4
 272 14.5 0.0 32.3



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

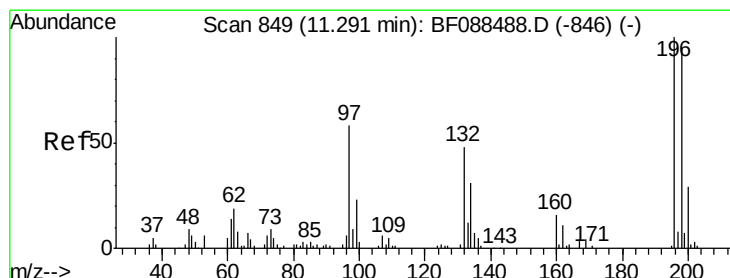
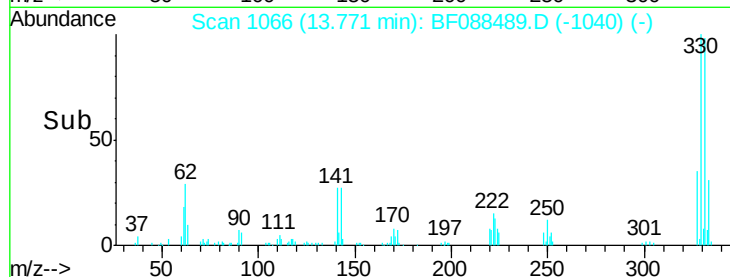
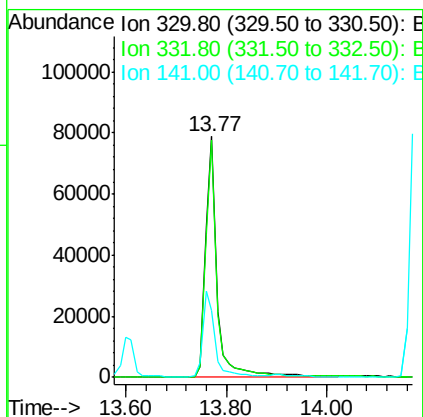
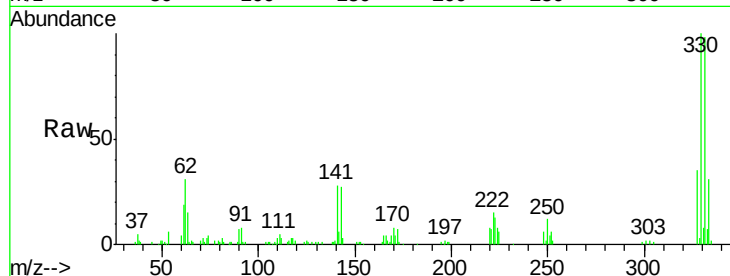




#41
 2,4,6-Tribromophenol
 Concen: 85.61 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

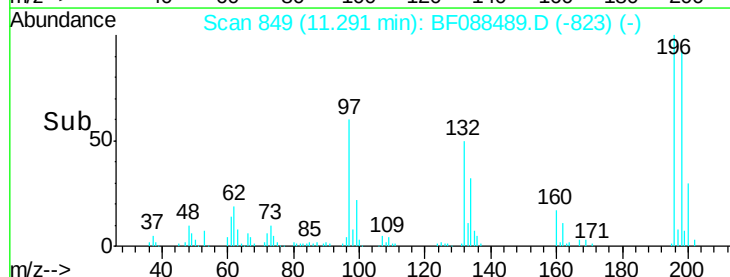
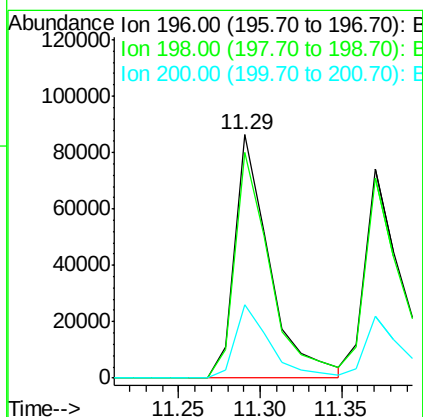
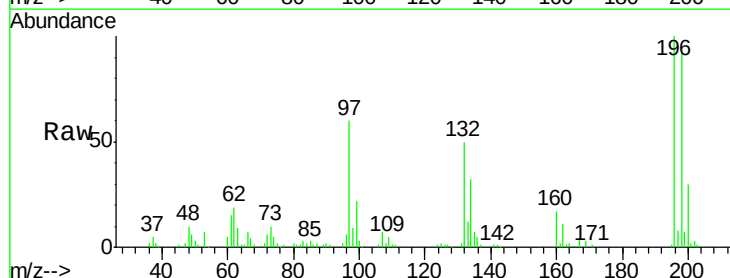
Instrument :
 BNA_F
 ClientSampled :

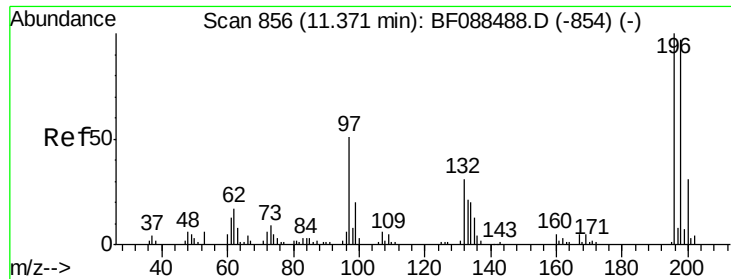
Tot Ion:330 Resp: 128544
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 36.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 44.85 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:196 Resp: 127539
 Ion Ratio Lower Upper
 196 100
 198 92.5 78.0 117.0
 200 30.0 25.4 38.2

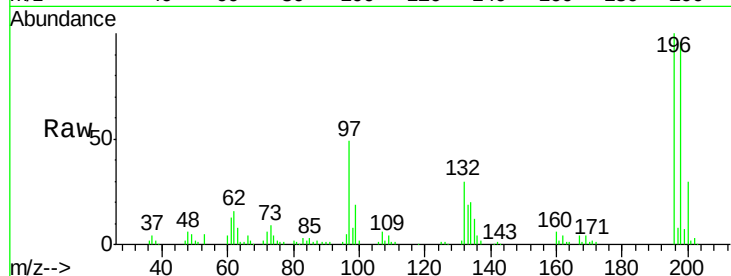




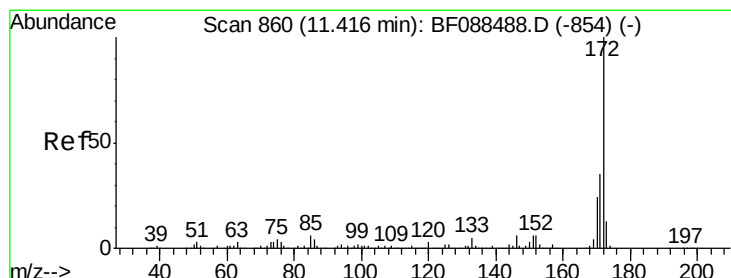
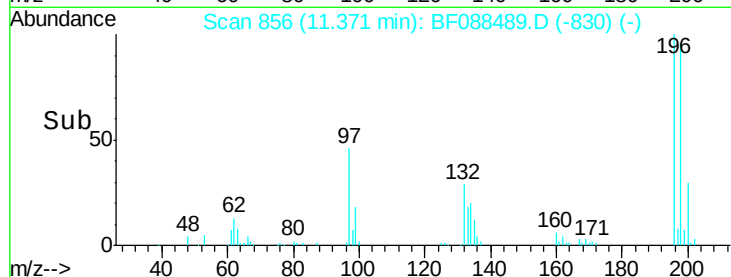
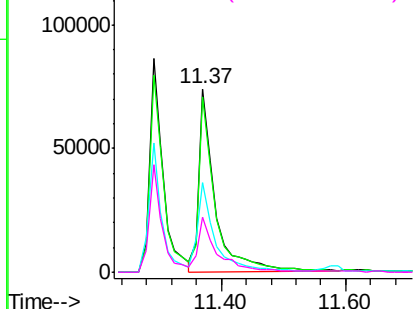
#43
2,4,5-Trichlorophenol
Concen: 45.21 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.5	116.3
97	48.8	32.0	48.0#
132	30.0	20.9	31.3

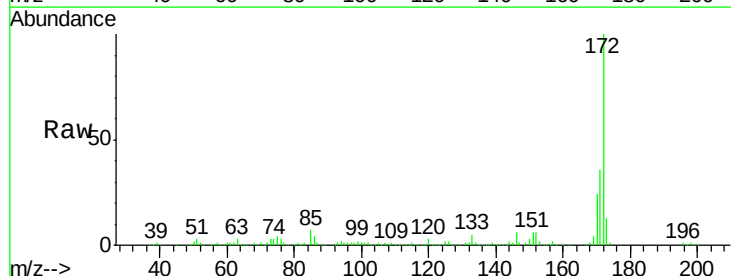


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

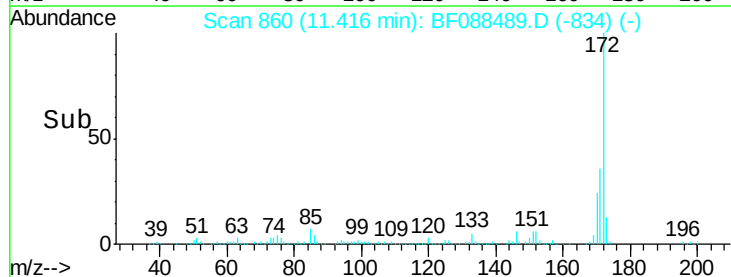
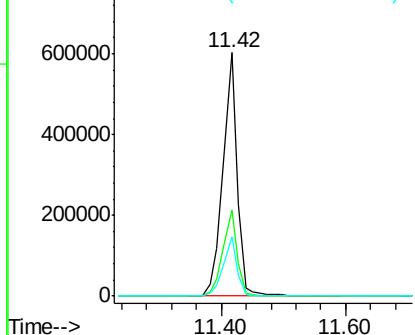


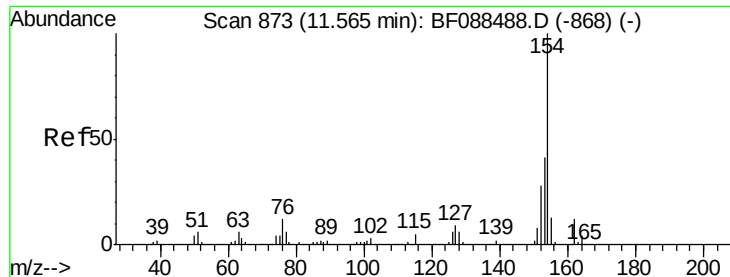
#44
2-Fluorobiphenyl
Concen: 89.82 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.1	19.2	28.8



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: 50.57 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

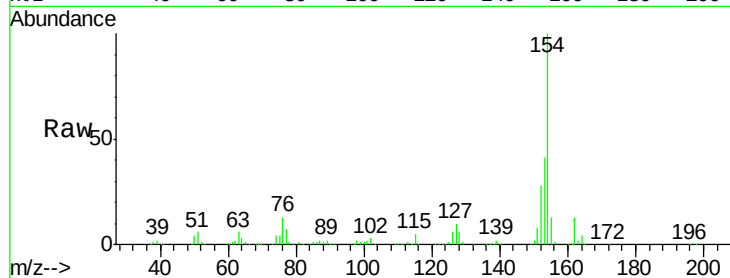
Tot Ion:154 Resp: 579853

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

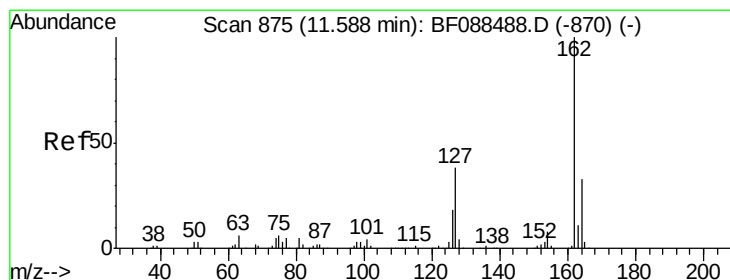
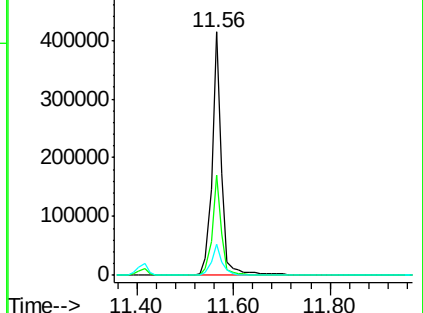
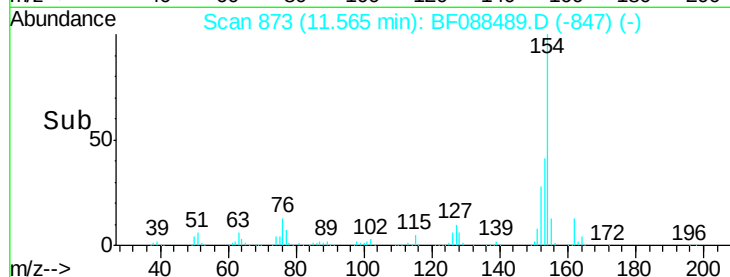
76 12.7 0.0 35.1



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: 49.77 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

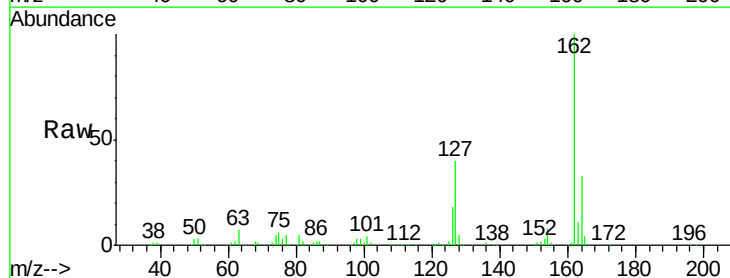
Tgt Ion:162 Resp: 458011

Ion Ratio Lower Upper

162 100

127 39.8 35.2 52.8

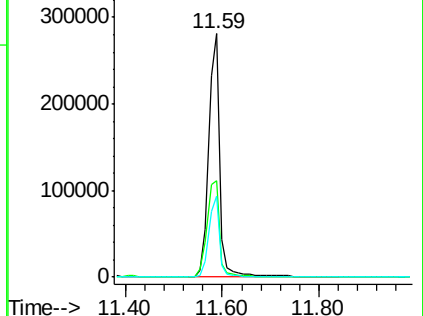
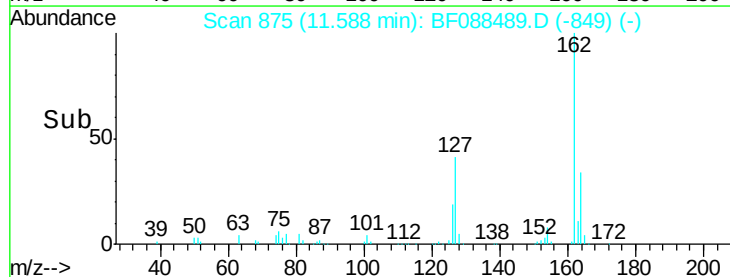
164 33.1 26.6 39.8

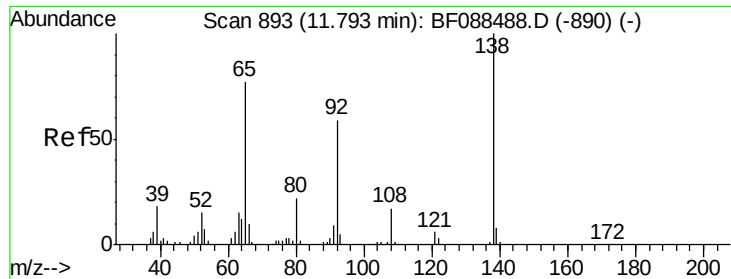


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

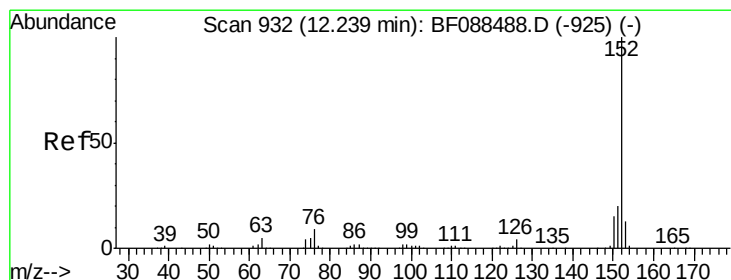
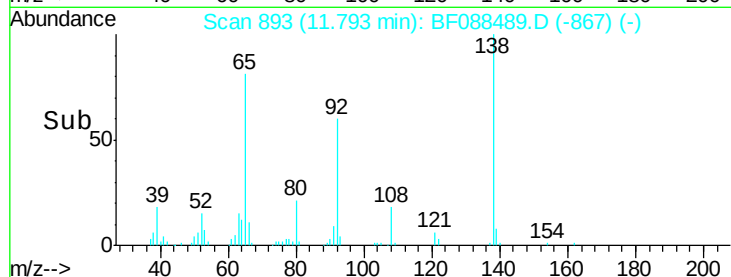
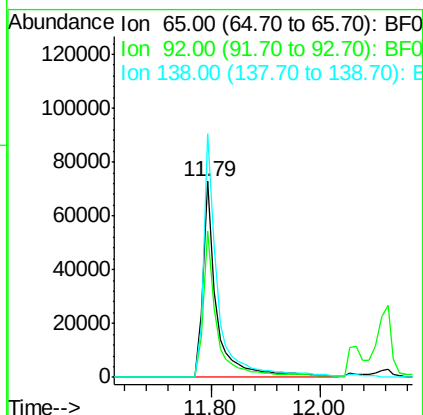
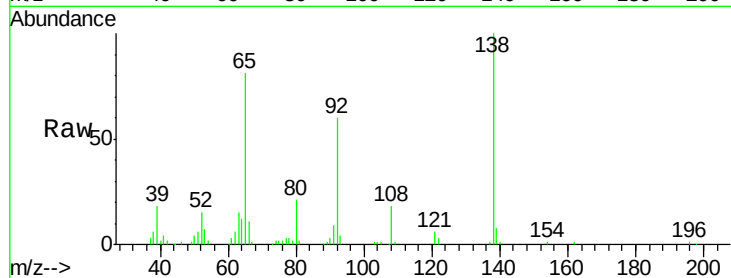




#47
2-Nitroaniline
Concen: 47.47 ng
RT: 11.79 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

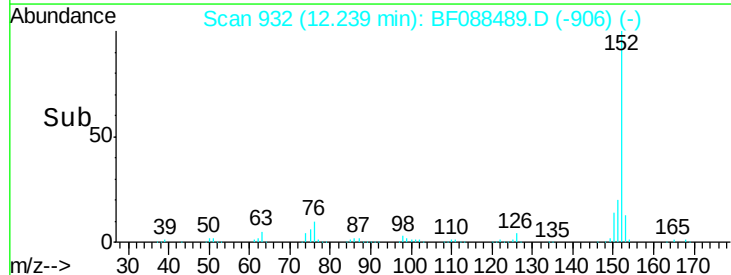
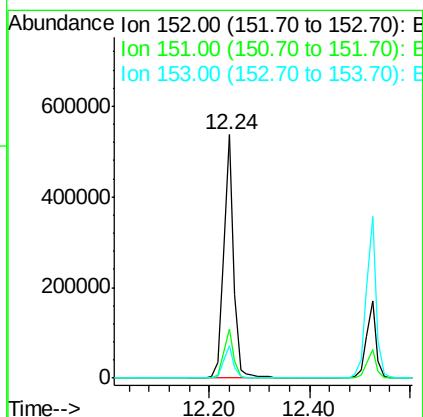
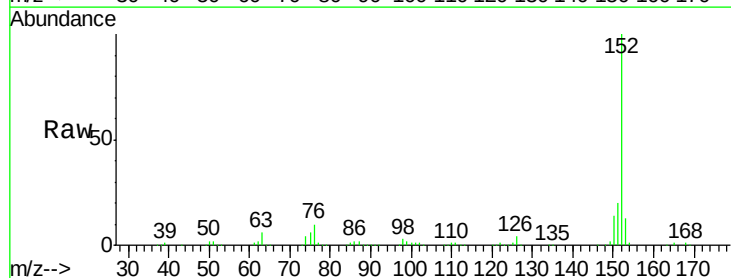
Instrument :
BNA_F
ClientSampled :

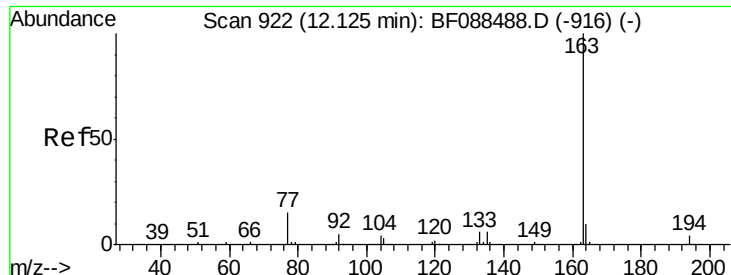
Tot Ion: 65 Resp: 128868
Ion Ratio Lower Upper
65 100
92 74.7 54.6 82.0
138 124.2 77.0 115.4#



#48
Acenaphthylene
Concen: 50.04 ng
RT: 12.24 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion: 152 Resp: 732467
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 53.34 ng

RT: 12.12 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

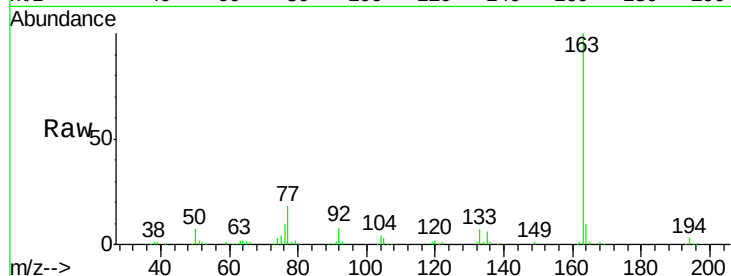
Tot Ion:163 Resp: 549477

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

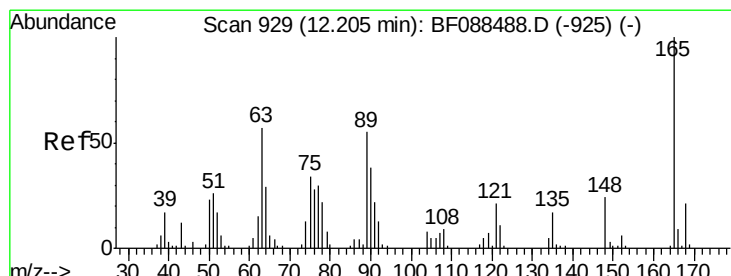
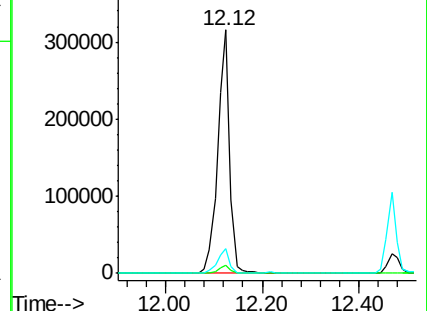
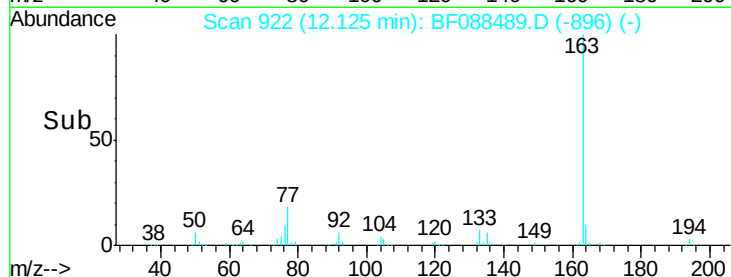
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.34 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

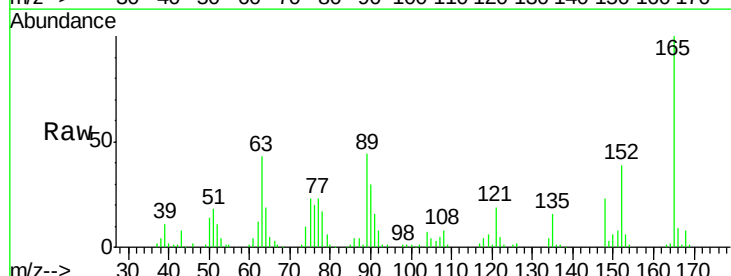
Tgt Ion:165 Resp: 123481

Ion Ratio Lower Upper

165 100

63 43.3 28.1 42.1#

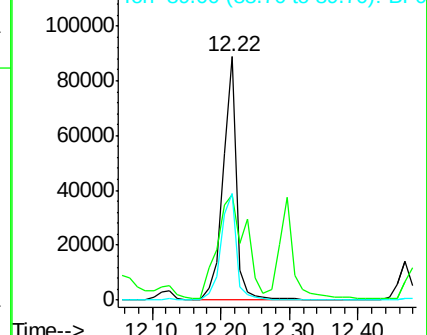
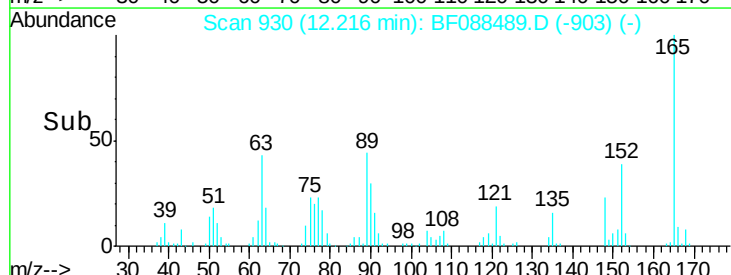
89 43.9 32.2 48.2

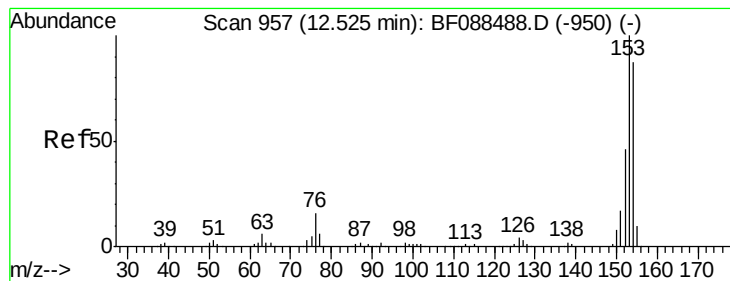


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.53 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampled :

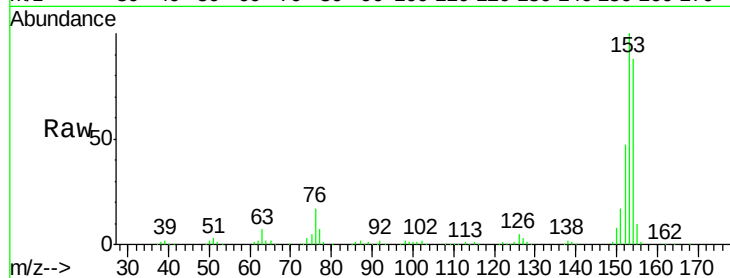
Tot Ion:154 Resp: 424827

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

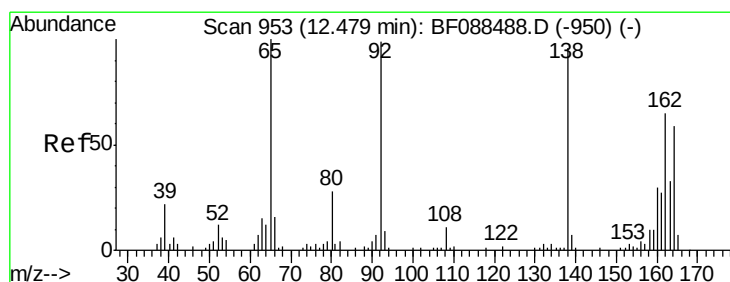
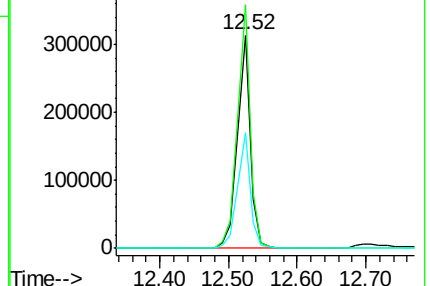
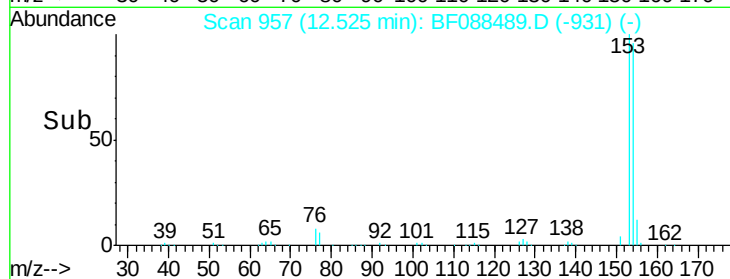
152 54.3 42.7 64.1



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: 49.87 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

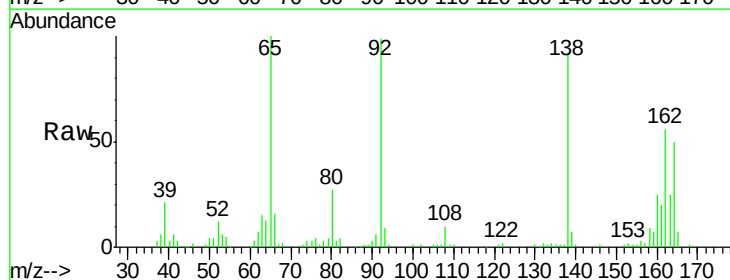
Tgt Ion:138 Resp: 135747

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

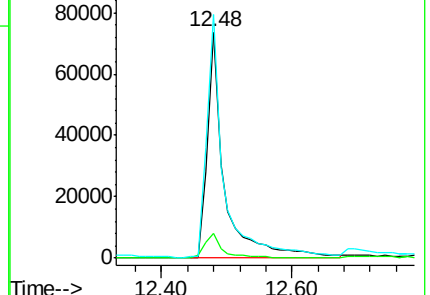
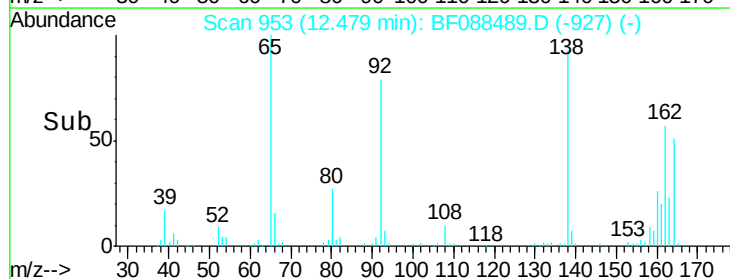
92 107.7 95.7 143.5

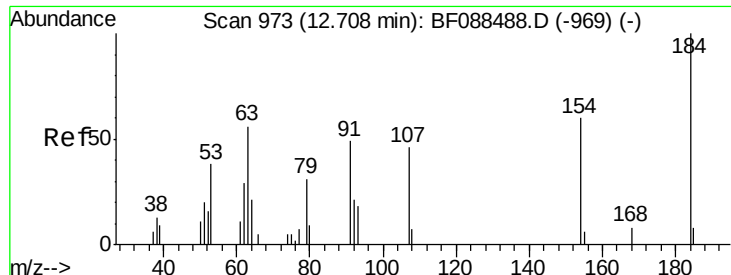


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

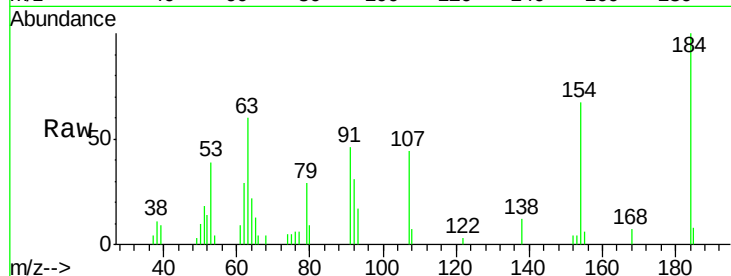




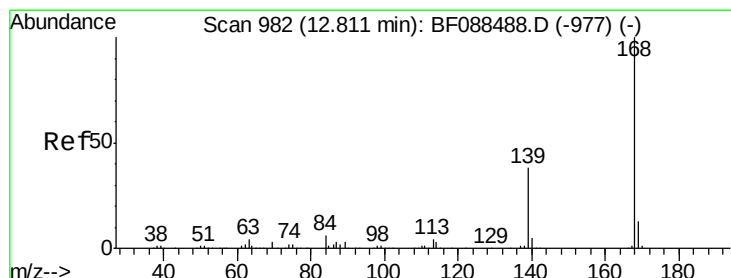
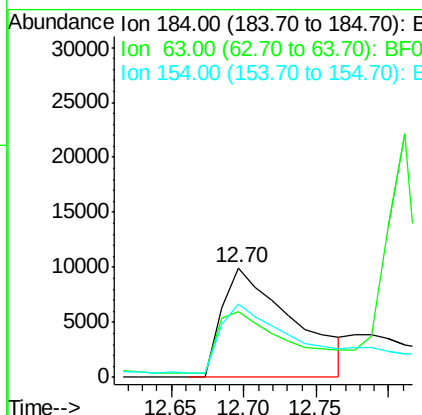
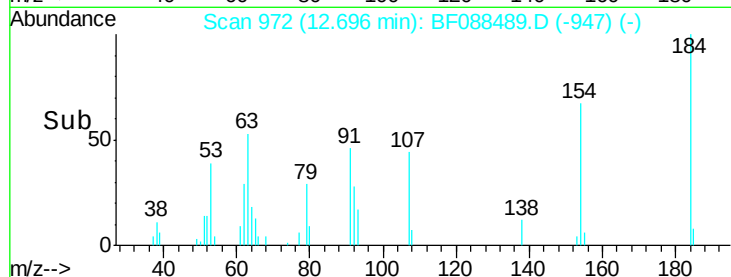
#53
 2,4-Dinitrophenol
 Concen: 38.80 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:184 Resp: 33681
 Ion Ratio Lower Upper
 184 100
 63 59.8 57.6 86.4
 154 67.3 53.5 80.3

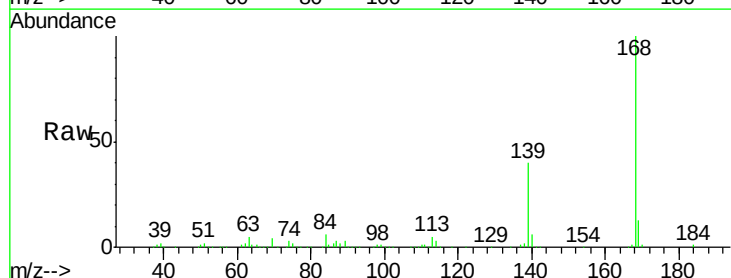


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

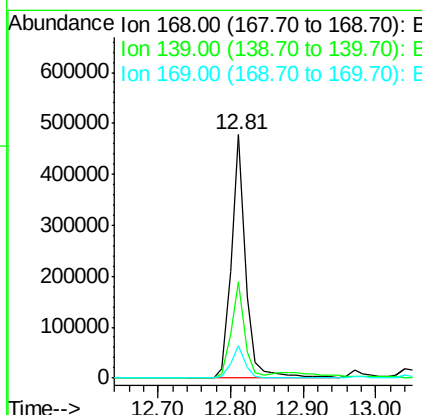
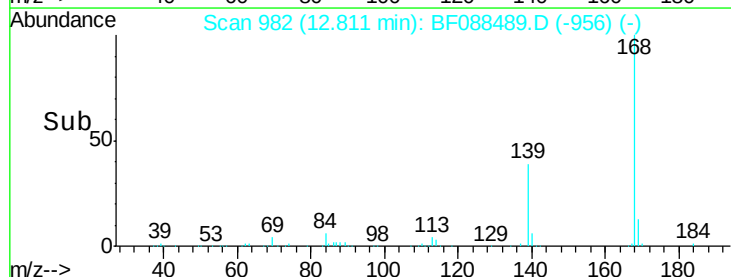


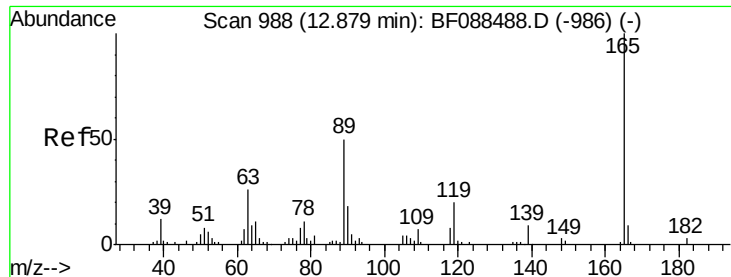
#54
 Dibenzofuran
 Concen: 51.67 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:168 Resp: 649741
 Ion Ratio Lower Upper
 168 100
 139 39.7 26.4 39.6#
 169 13.5 10.4 15.6



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

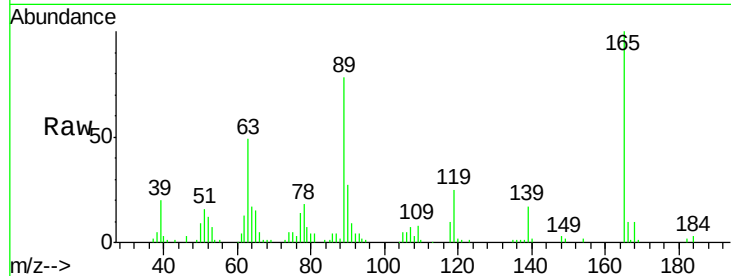




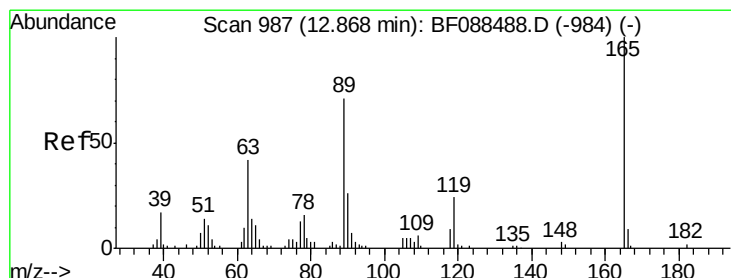
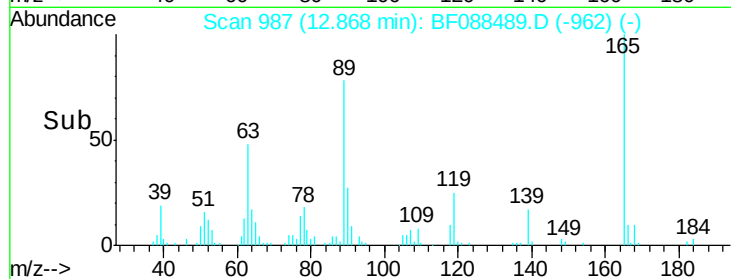
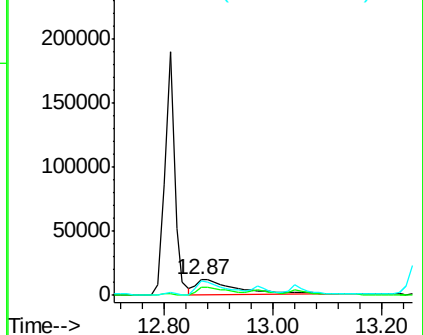
#55
4-Nitrophenol
Concen: 27.98 ng
RT: 12.87 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 59113
Ion Ratio Lower Upper
139 100
109 49.8 48.9 88.9
65 90.4 84.9 124.9

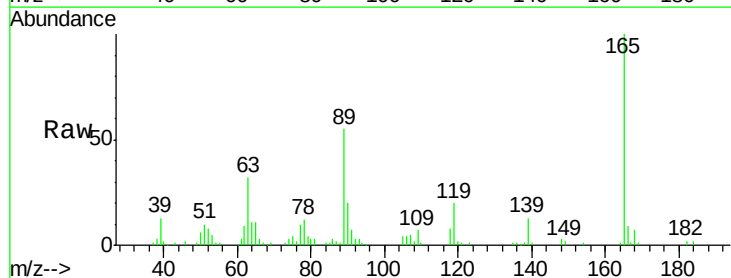


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

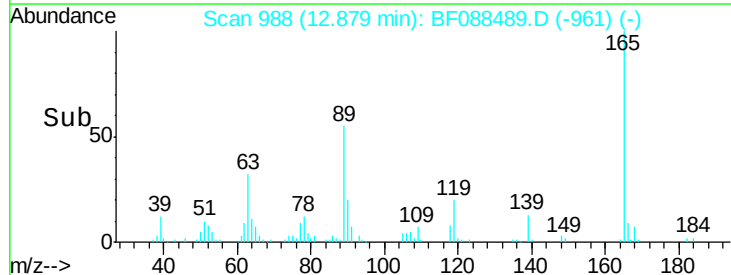
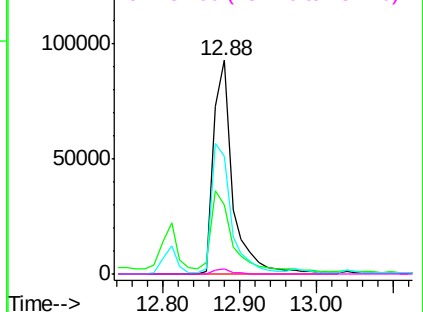


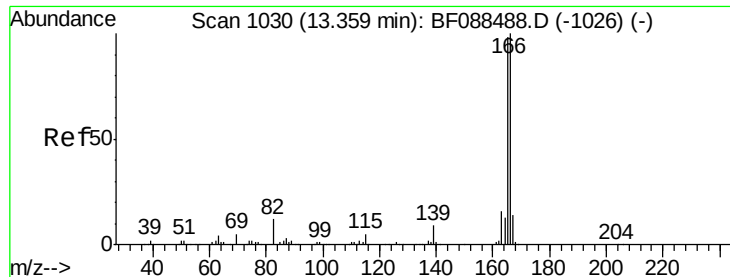
#56
2,4-Dinitrotoluene
Concen: 53.56 ng
RT: 12.88 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:165 Resp: 162390
Ion Ratio Lower Upper
165 100
63 32.4 22.0 33.0
89 54.9 41.1 61.7
182 2.3 2.0 3.0



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

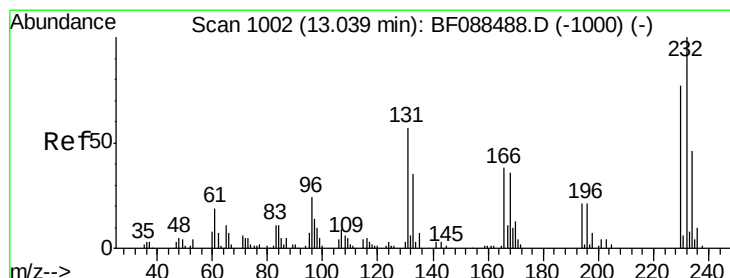
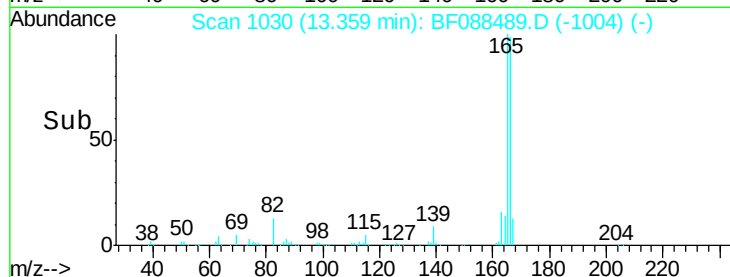
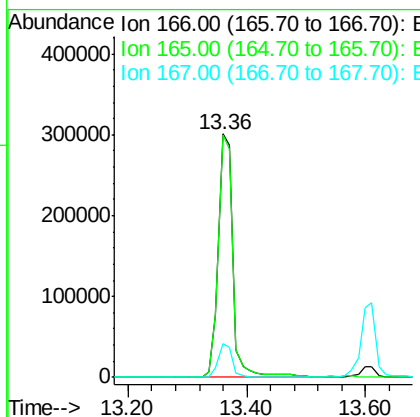
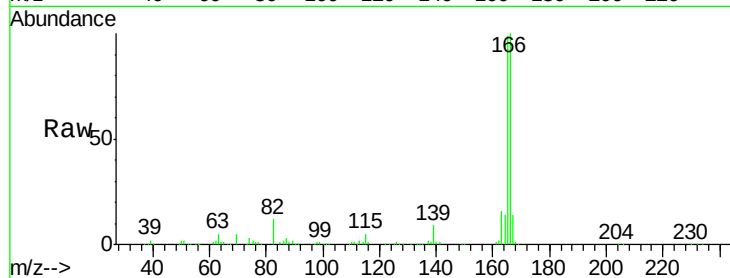




#57
 Fluorene
 Concen: 52.63 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

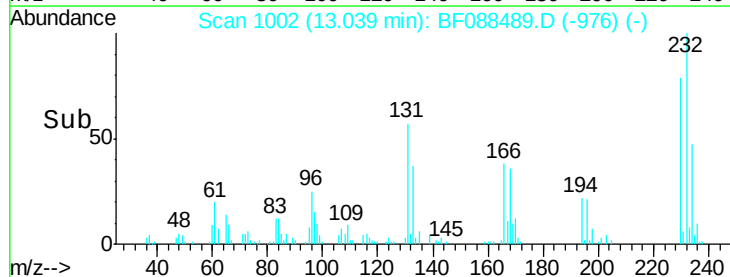
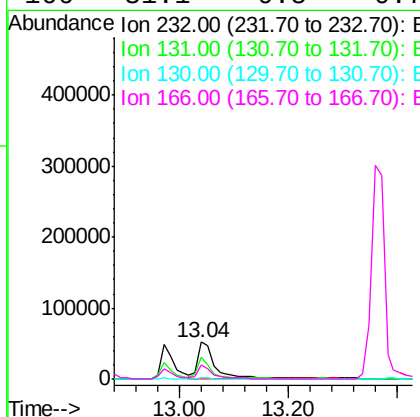
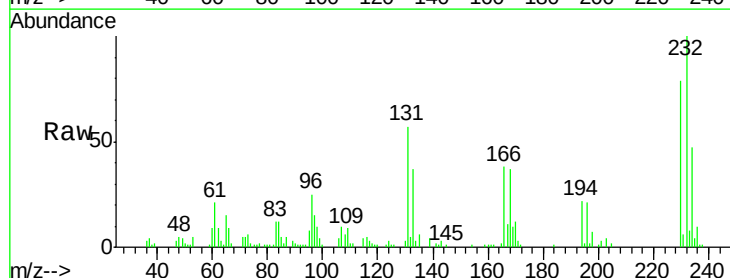
Instrument :
 BNA_F
 ClientSampleId :

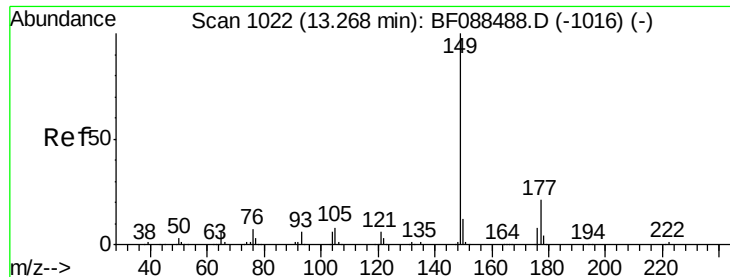
Tot Ion:166 Resp: 515782
 Ion Ratio Lower Upper
 166 100
 165 99.3 77.8 116.8
 167 13.6 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.15 ng
 RT: 13.04 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:232 Resp: 114273
 Ion Ratio Lower Upper
 232 100
 131 49.2 0.9 1.3#
 130 2.0 1.5 2.3
 166 31.1 0.5 0.7#

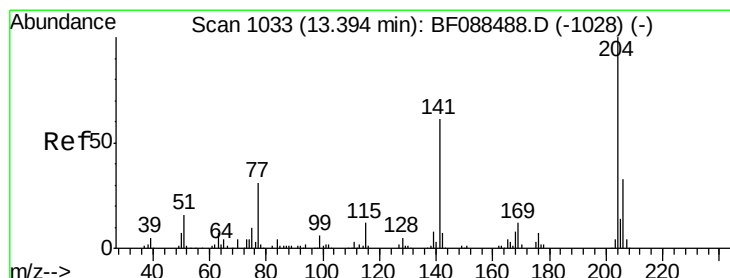
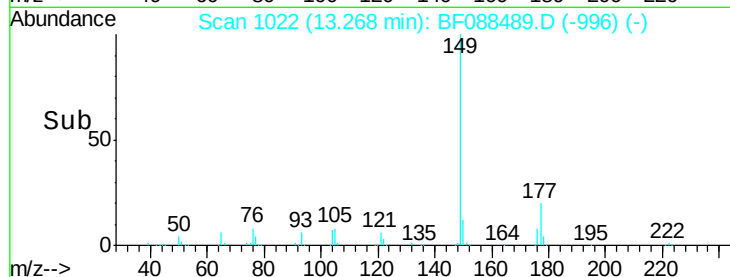
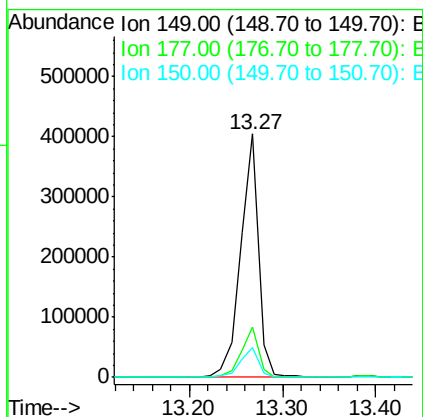
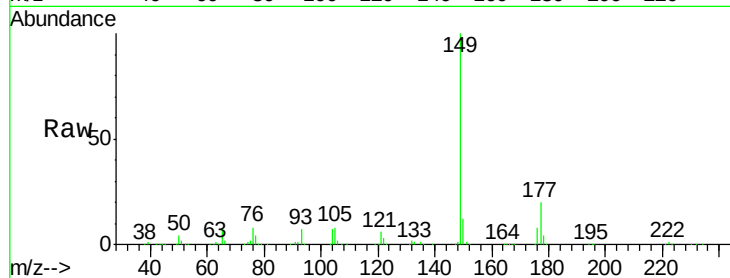




#59
Diethylphthalate
Concen: 51.77 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

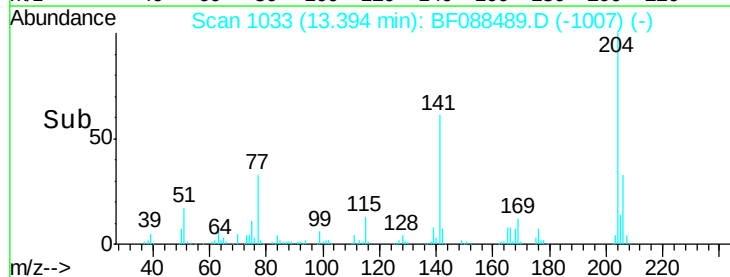
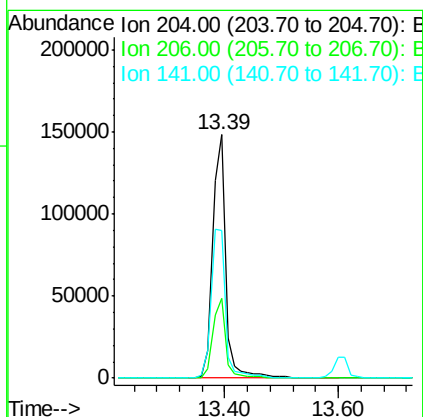
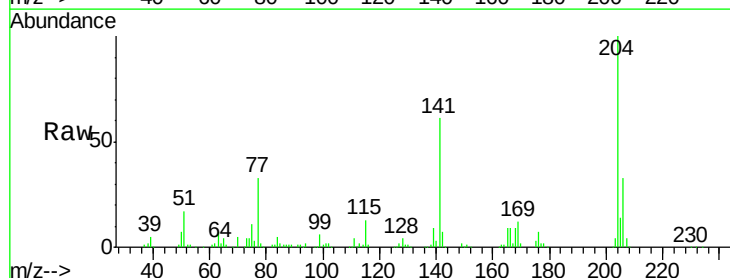
Instrument :
BNA_F
ClientSampleId :

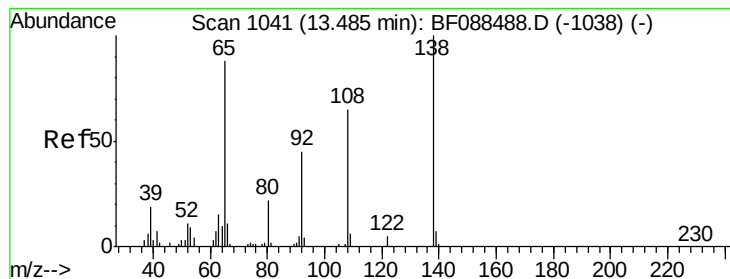
Tot Ion:149 Resp: 539793
Ion Ratio Lower Upper
149 100
177 20.5 16.9 25.3
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 55.51 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:204 Resp: 232148
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.9 55.0 82.6





#61

4-Nitroaniline

Concen: 48.82 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

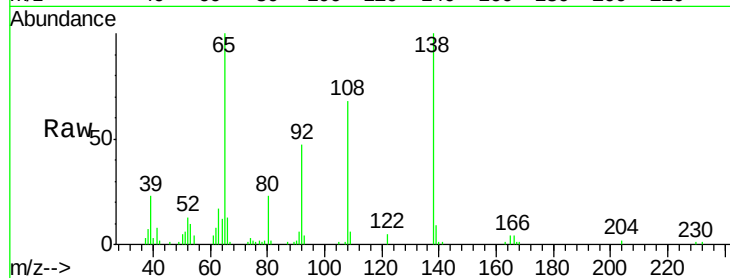
Tot Ion:138 Resp: 126046

Ion Ratio Lower Upper

138 100

92 47.5 27.3 67.3

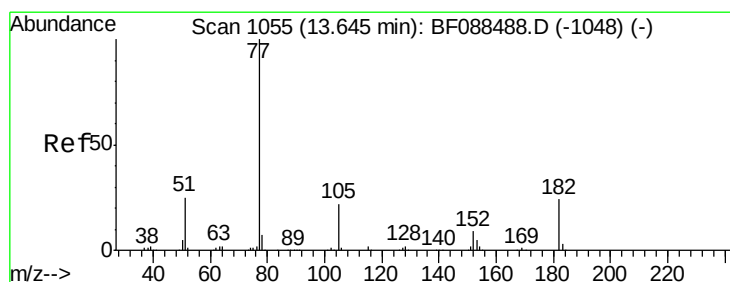
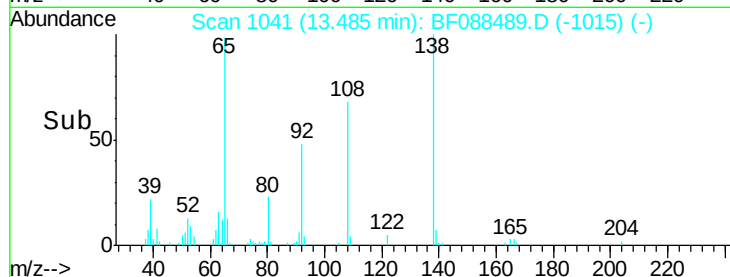
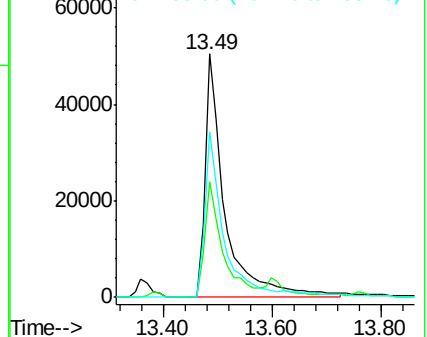
108 68.2 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.75 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Tgt Ion: 77 Resp: 523251

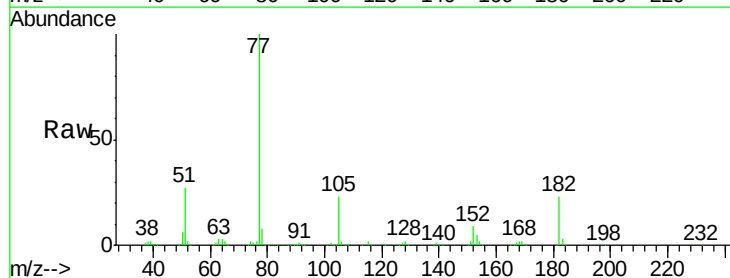
Ion Ratio Lower Upper

77 100

182 22.7 4.4 44.4

105 23.5 3.8 43.8

51 26.8 9.3 49.3

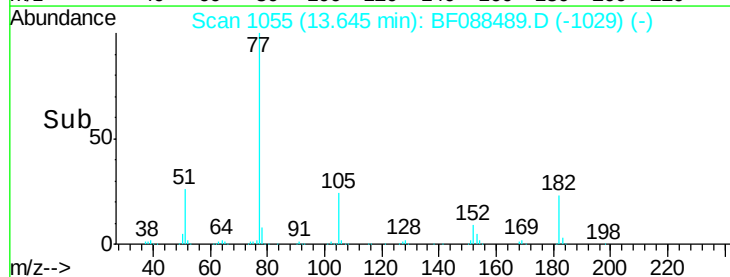
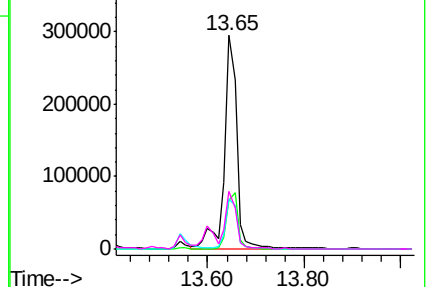


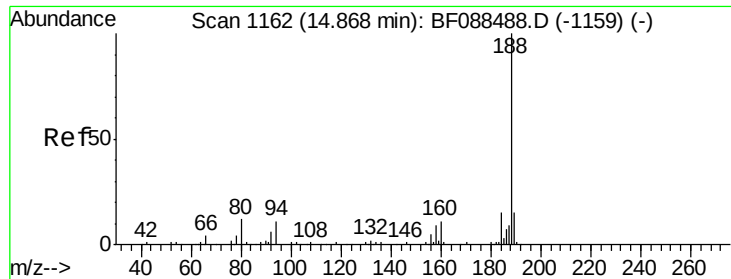
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

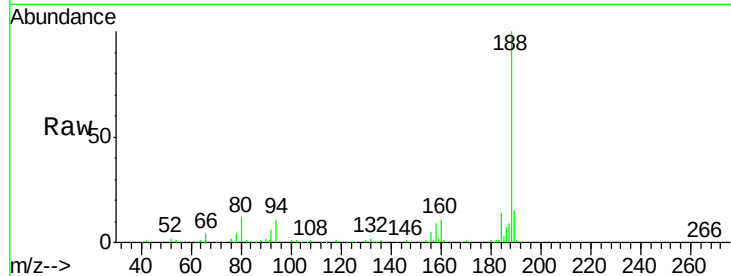




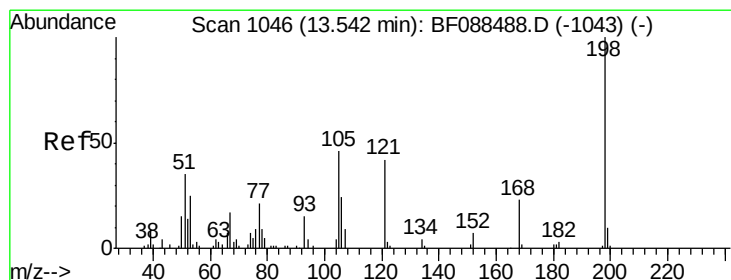
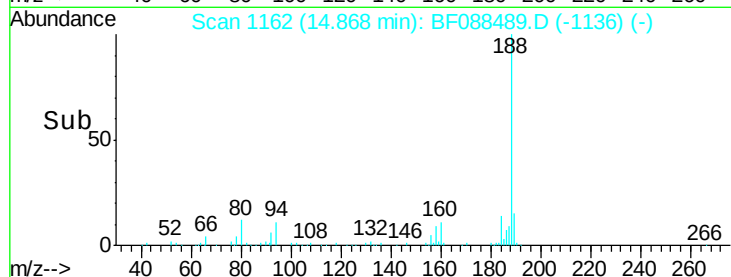
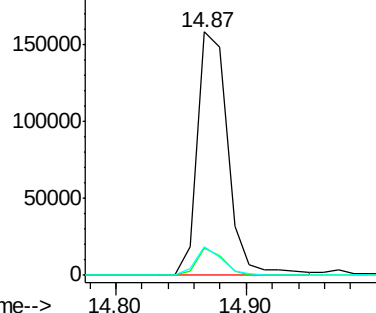
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 258427
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.0 13.6
 80 11.9 10.0 15.0

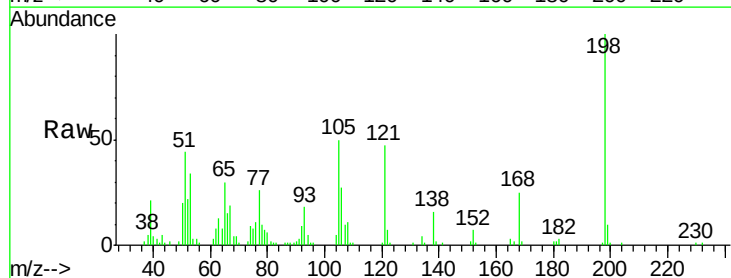


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

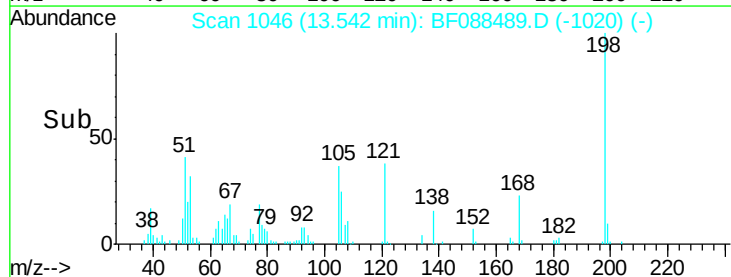
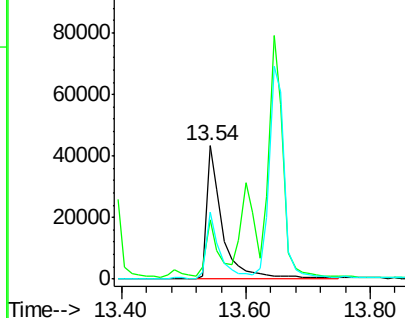


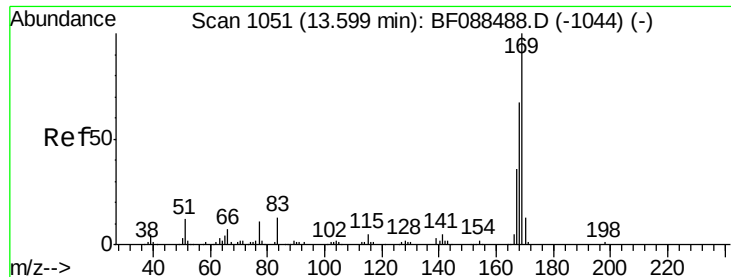
#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.30 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:198 Resp: 76858
 Ion Ratio Lower Upper
 198 100
 51 44.4 39.6 79.6
 105 50.0 36.6 76.6



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

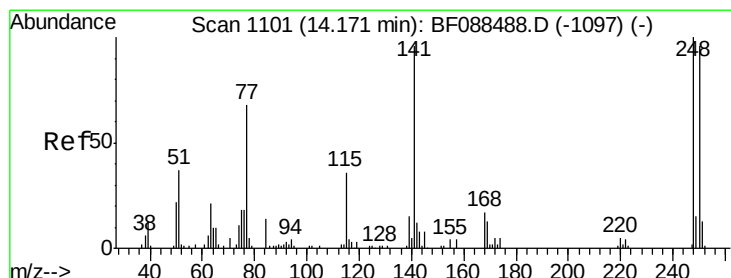
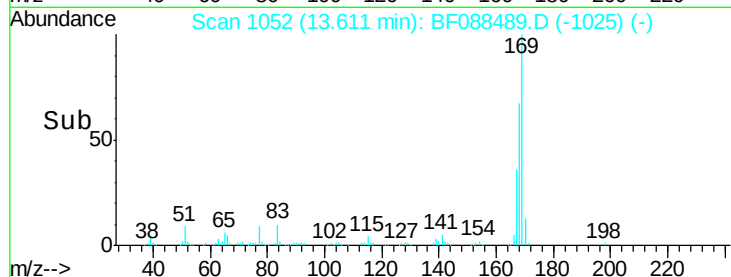
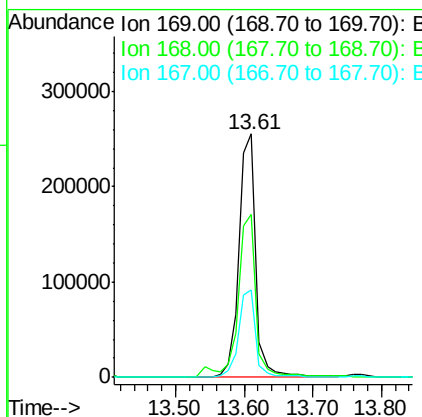
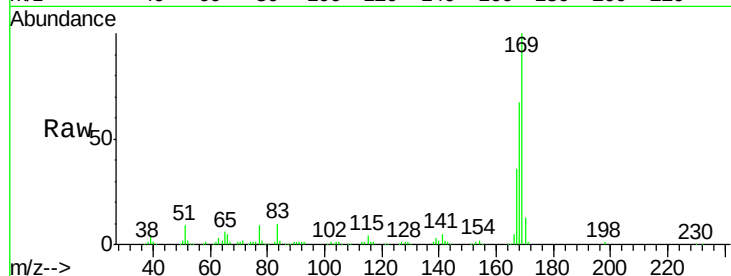




#65
 n-Nitrosodiphenylamine
 Concen: 51.99 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

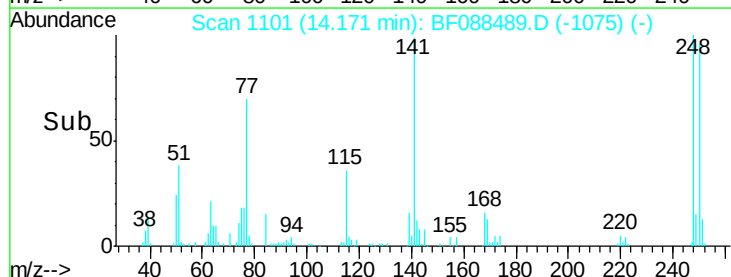
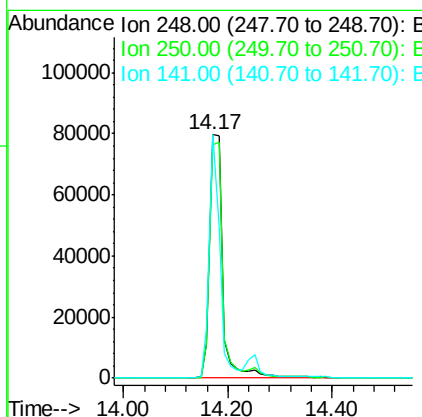
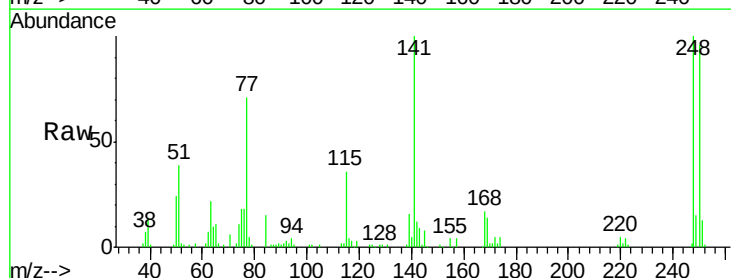
Instrument :
 BNA_F
 ClientSampleId :

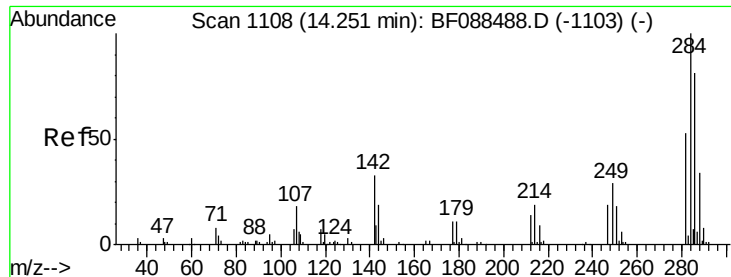
Tot Ion:169 Resp: 445826
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 35.8 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 51.01 ng
 RT: 14.17 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:248 Resp: 141417
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.1 115.7
 141 99.9 50.6 76.0#

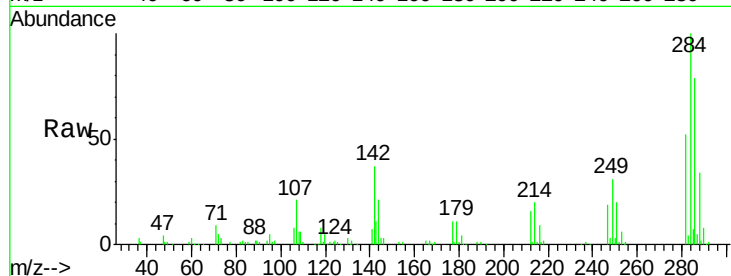




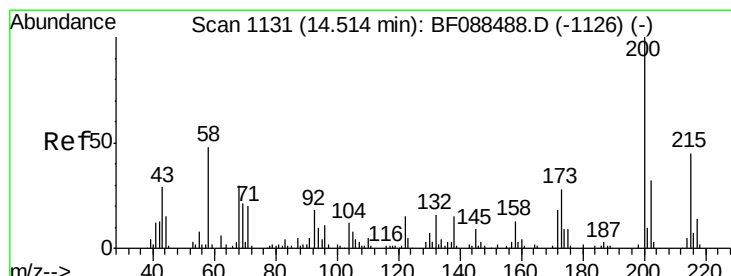
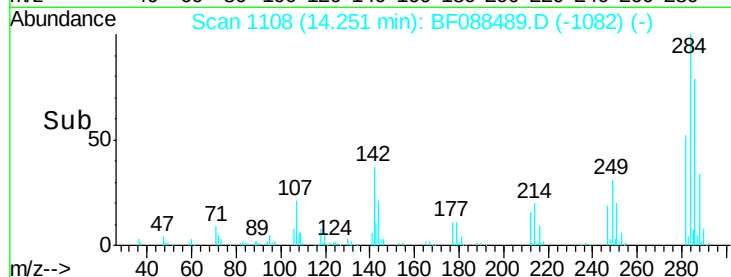
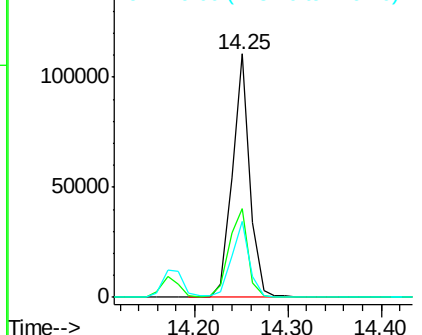
#67
Hexachlorobenzene
Concen: 50.31 ng
RT: 14.25 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 144930
Ion Ratio Lower Upper
284 100
142 36.6 35.8 53.8
249 31.3 25.8 38.6

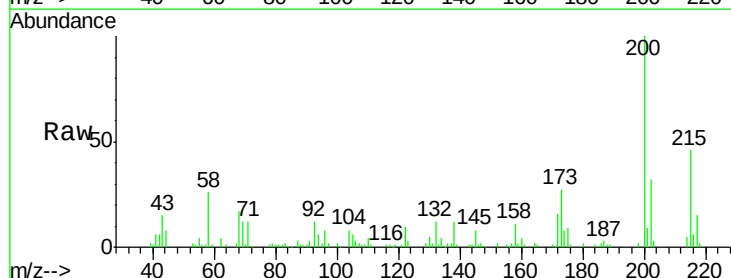


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

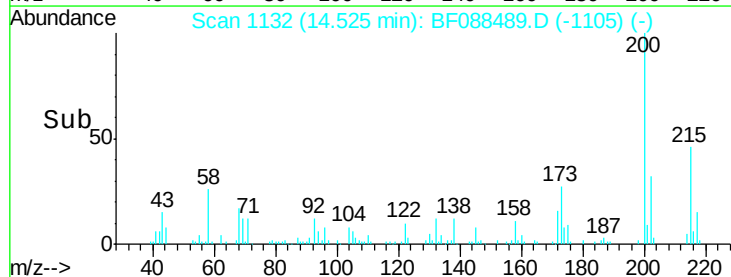
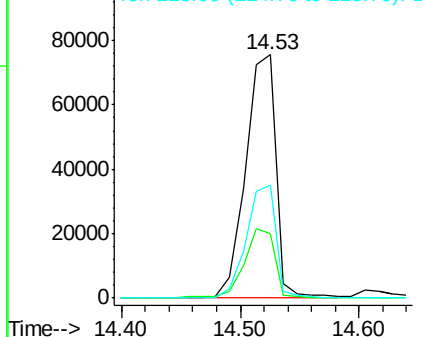


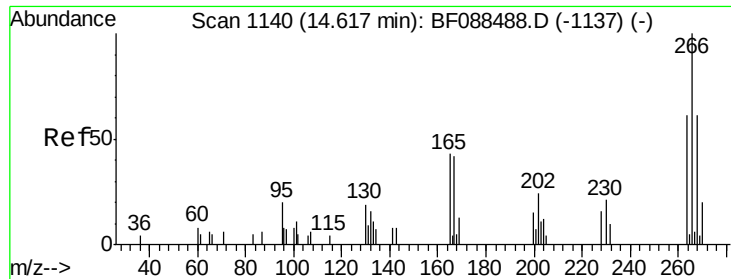
#68
Atrazine
Concen: 52.08 ng
RT: 14.53 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:200 Resp: 135228
Ion Ratio Lower Upper
200 100
173 26.6 4.0 44.0
215 46.3 29.3 69.3



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

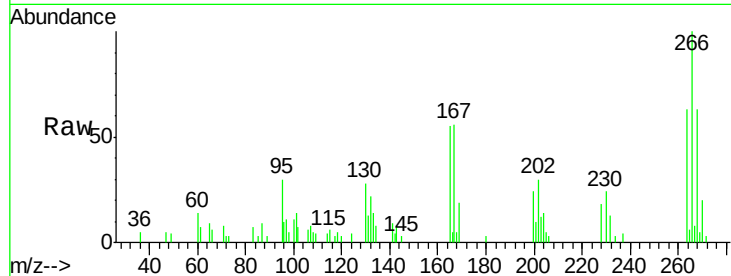




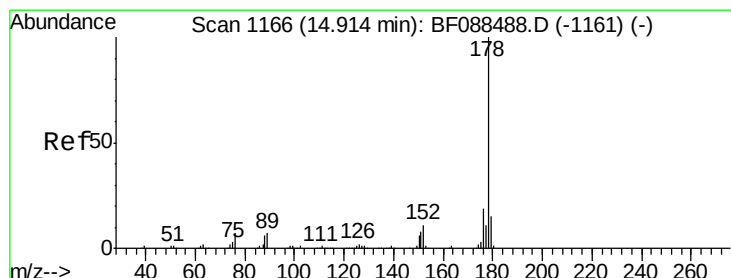
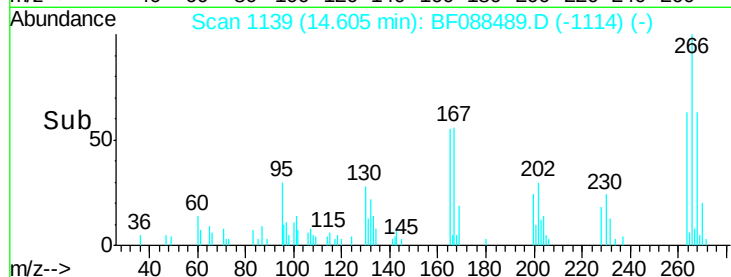
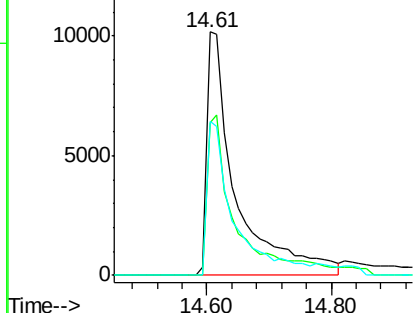
#69
 Pentachlorophenol
 Concen: 21.81 ng
 RT: 14.61 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 33118
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.8 79.2
 264 63.3 49.6 74.4

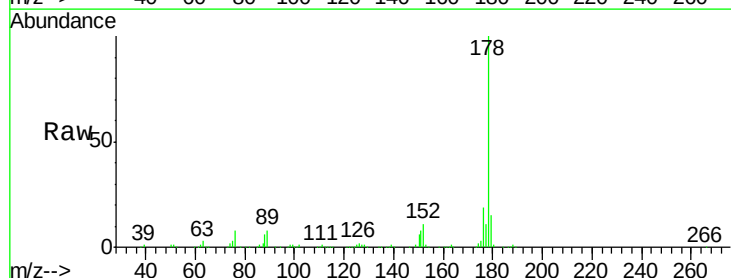


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

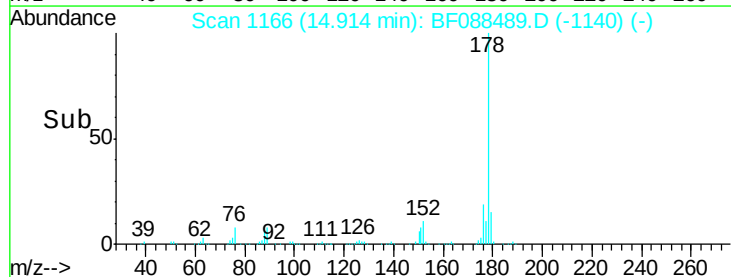
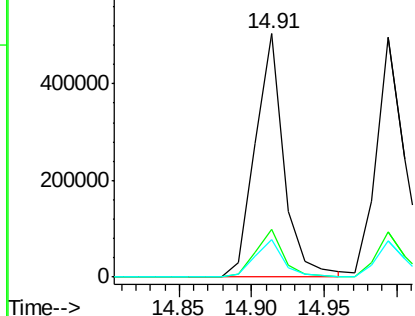


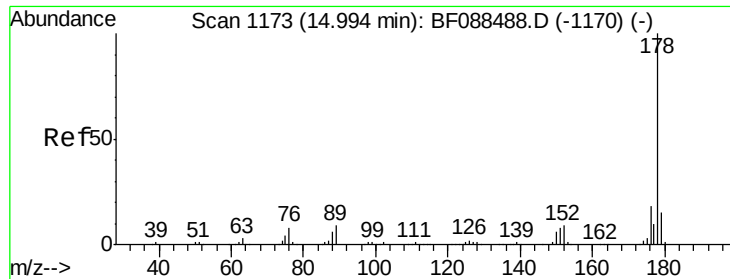
#70
 Phenanthrene
 Concen: 51.13 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:178 Resp: 693326
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 13.0 19.4



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

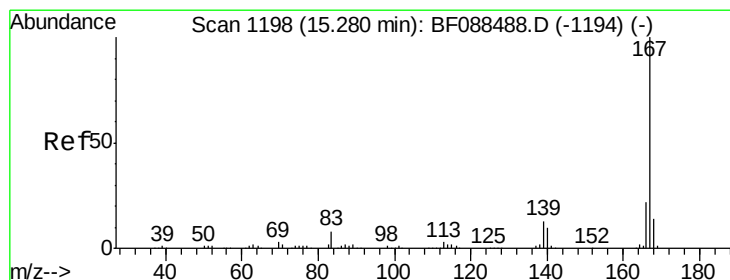
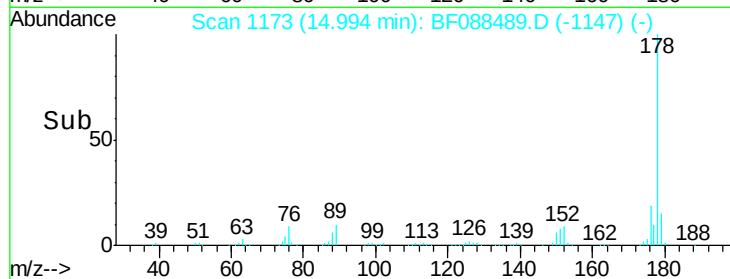
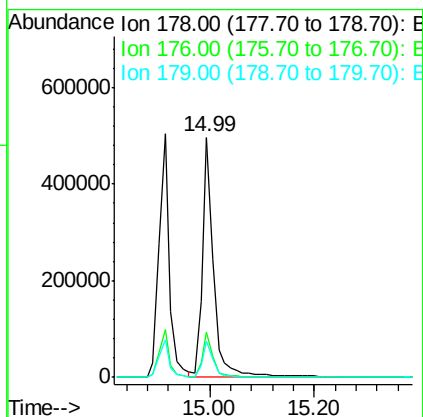
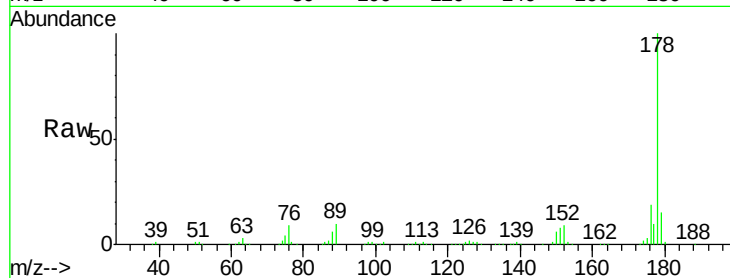




#71
 Anthracene
 Concen: 53.89 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

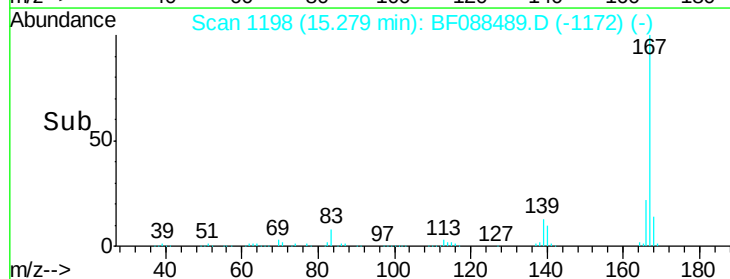
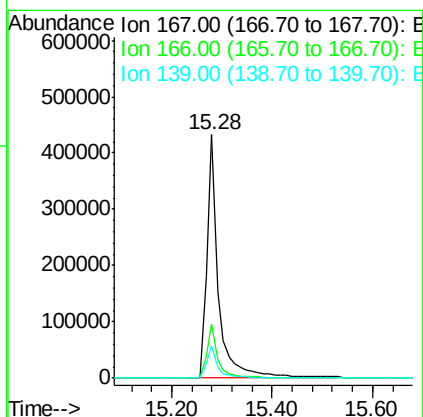
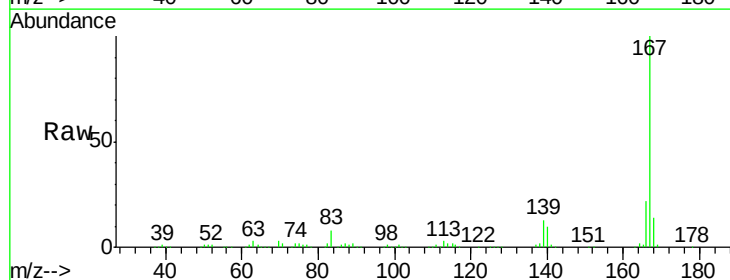
Instrument :
 BNA_F
 ClientSampleId :

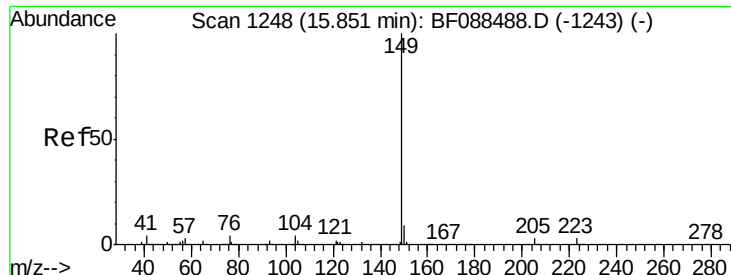
Tot Ion:178 Resp: 737163
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.4 12.8 19.2



#72
 Carbazole
 Concen: 53.86 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:167 Resp: 689415
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 51.79 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

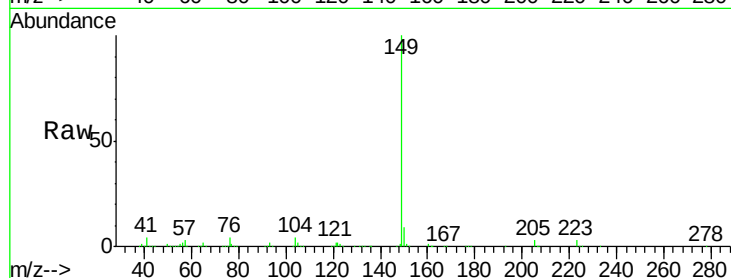
Tot Ion:149 Resp: 839183

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

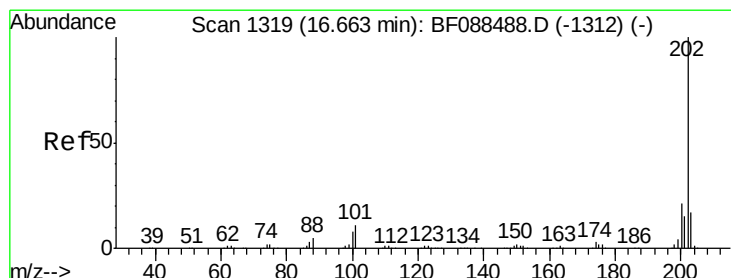
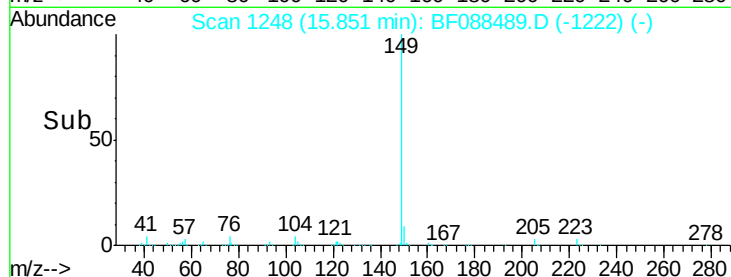
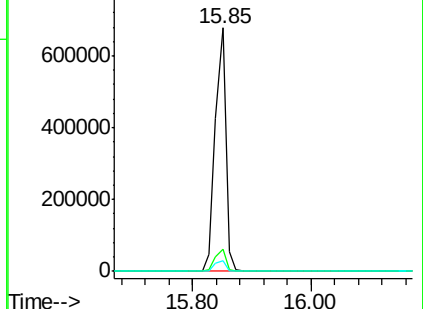
104 4.3 4.0 6.0



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: 49.60 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

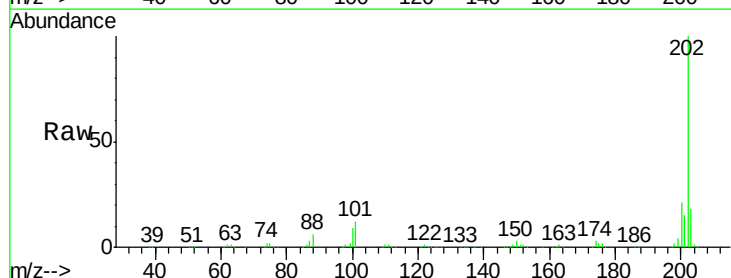
Tgt Ion:202 Resp: 709828

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.1

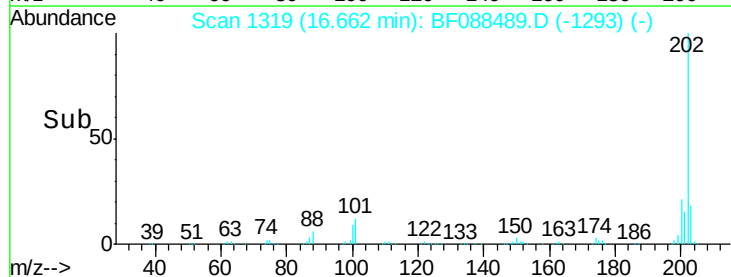
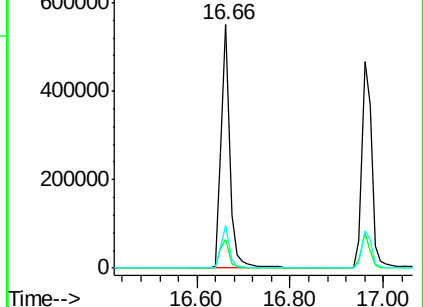
203 17.6 0.0 38.1

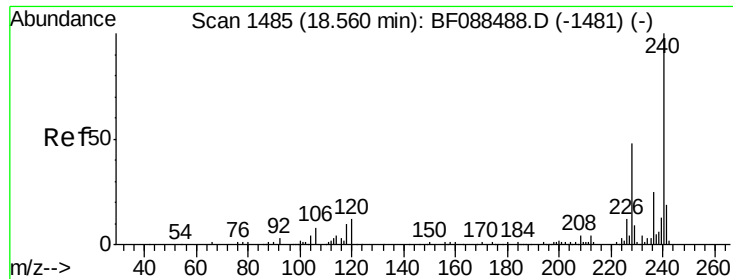


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

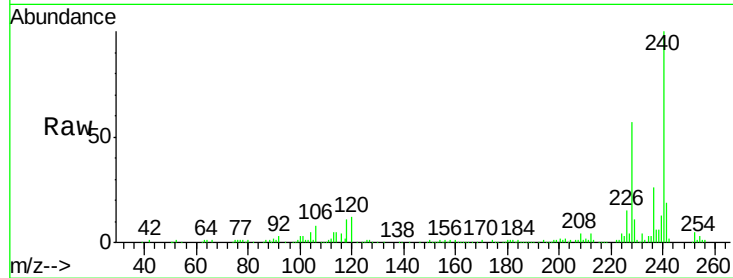
Tot Ion:240 Resp: 196143

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

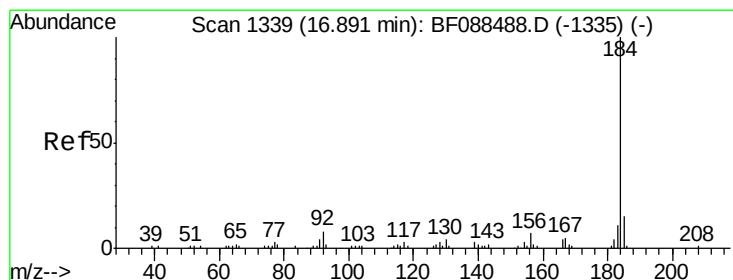
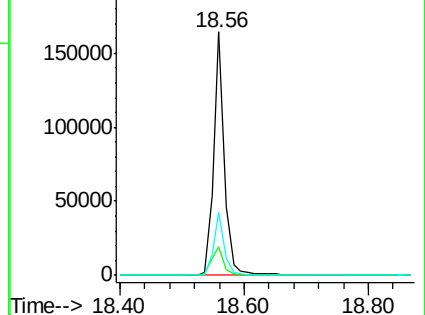
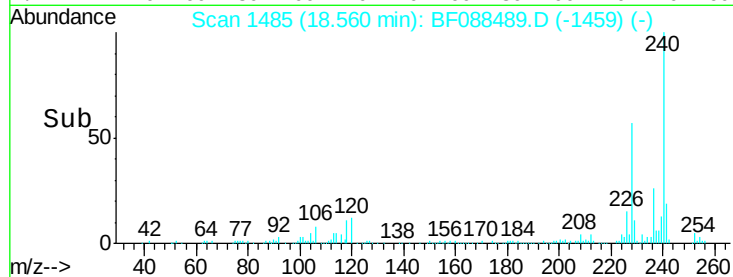
236 25.9 20.2 30.2



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: 44.28 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

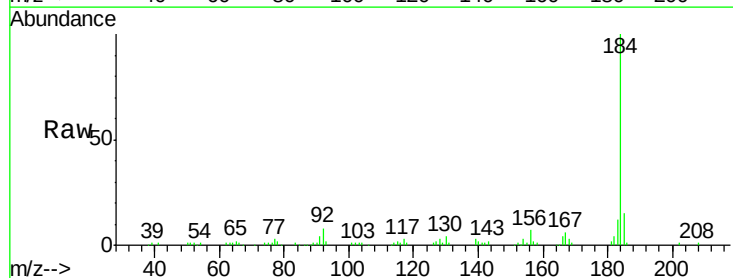
Tgt Ion:184 Resp: 240499

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

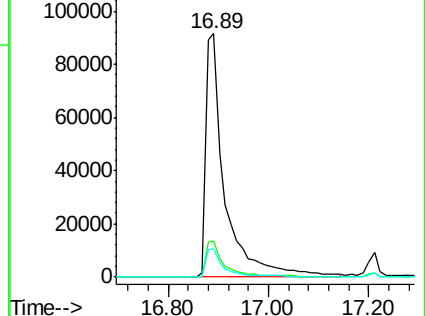
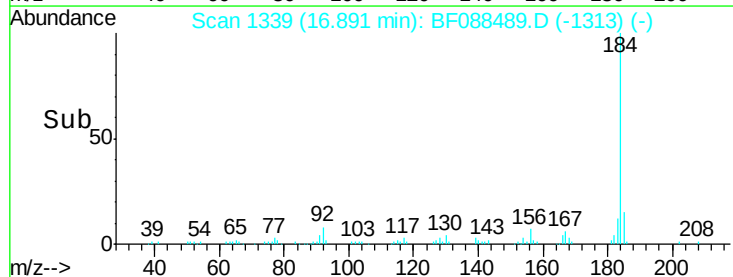
183 11.7 9.3 13.9

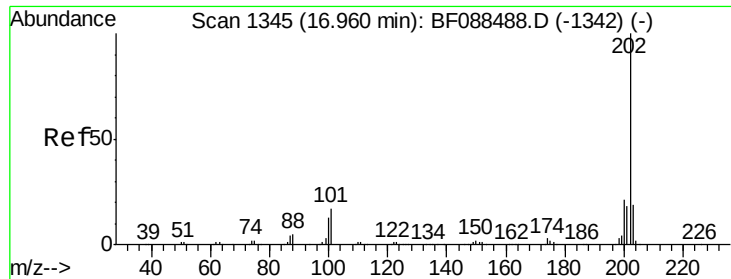


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

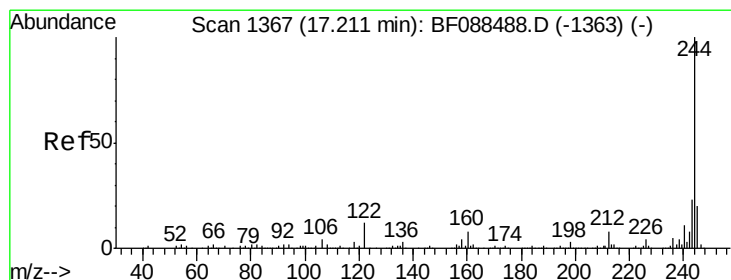
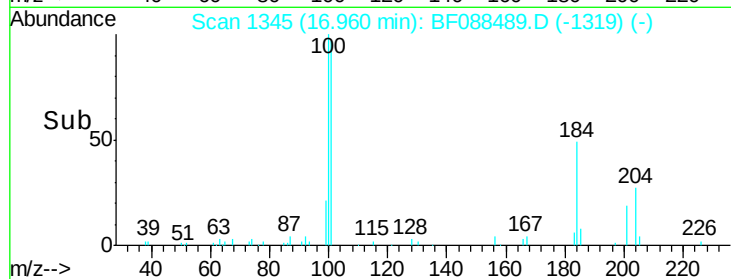
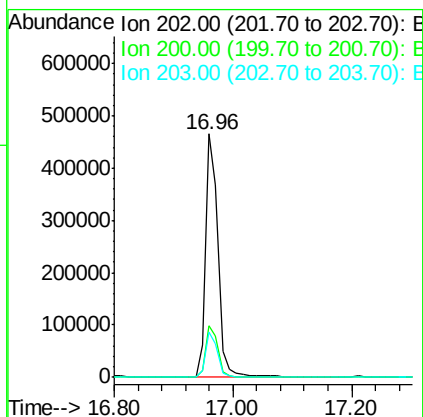
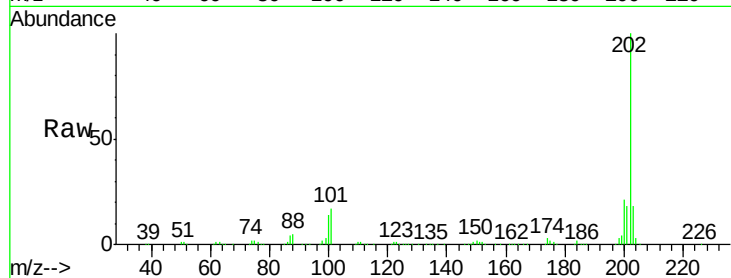




#77
 Pvrene
 Concen: 46.65 ng
 RT: 16.96 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

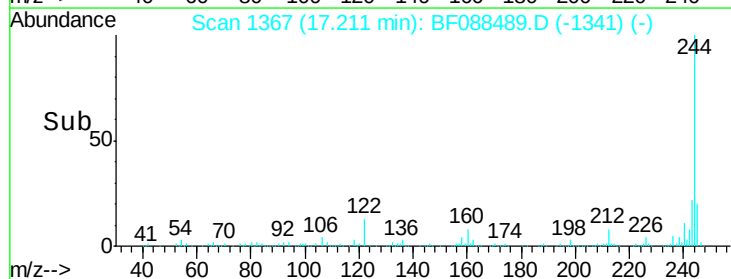
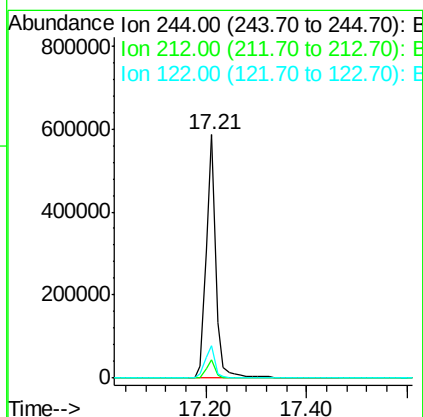
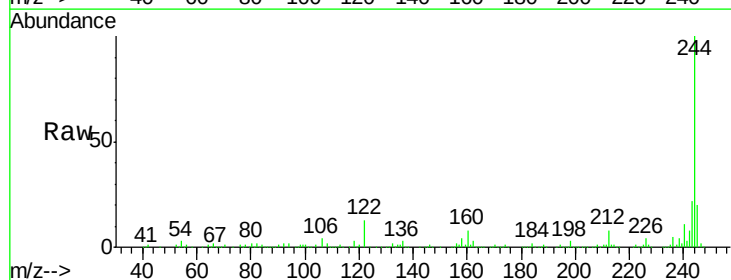
Instrument :
 BNA_F
 ClientSampleId :

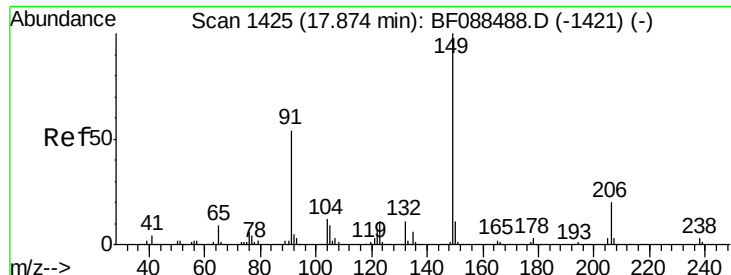
Tot Ion:202 Resp: 679030
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 18.3 14.5 21.7



#78
 Terphenyl-d14
 Concen: 91.15 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:244 Resp: 785672
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.1 11.2 16.8

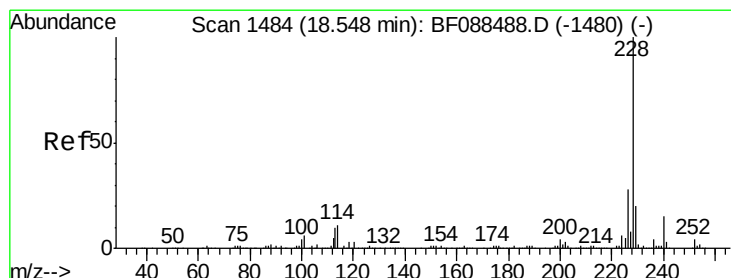
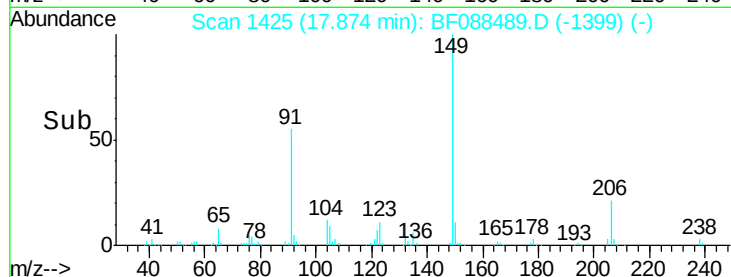
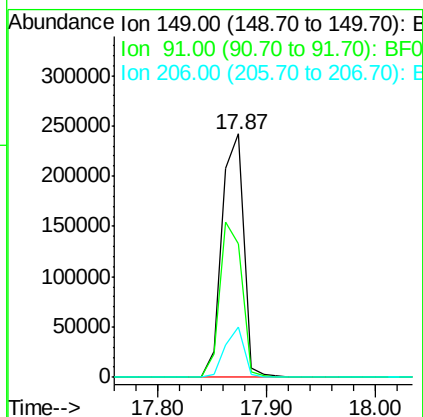
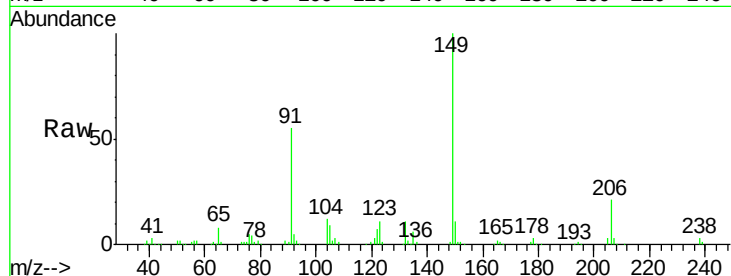




#79
Butylbenzylphthalate
Concen: 52.67 ng
RT: 17.87 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

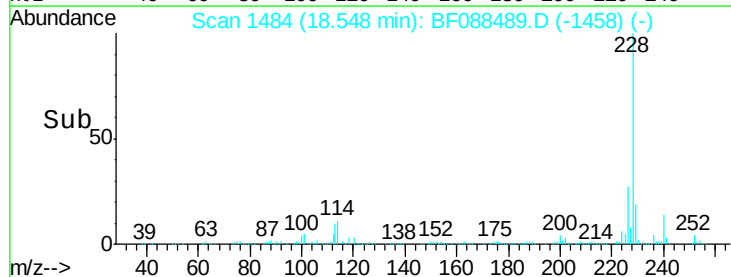
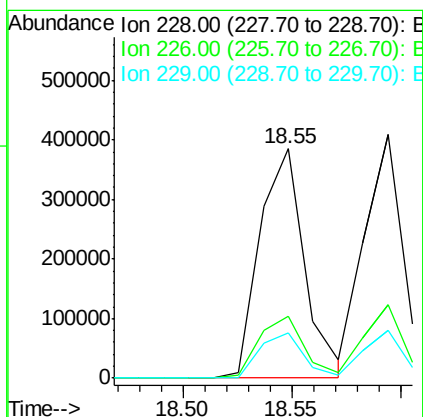
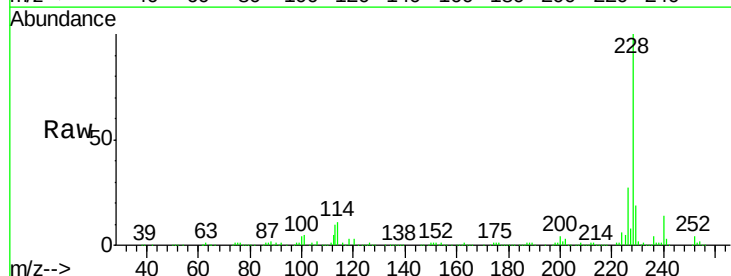
Instrument :
BNA_F
ClientSampleId :

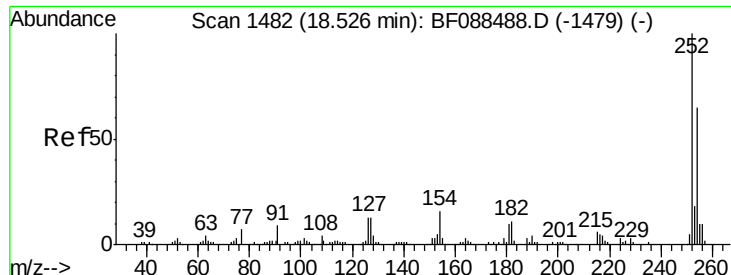
Tot Ion:149 Resp: 338959
Ion Ratio Lower Upper
149 100
91 54.7 48.0 72.0
206 20.5 16.0 24.0



#80
Benzo(a)anthracene
Concen: 49.52 ng
RT: 18.55 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:228 Resp: 553513
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 19.5 16.0 24.0

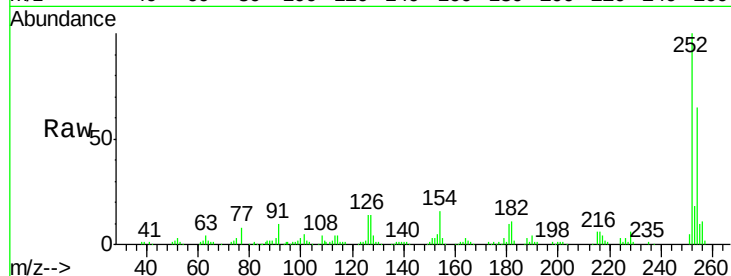




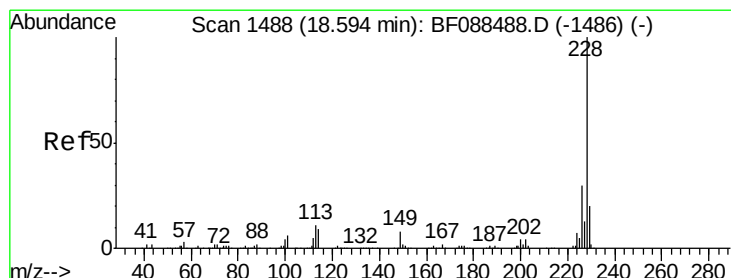
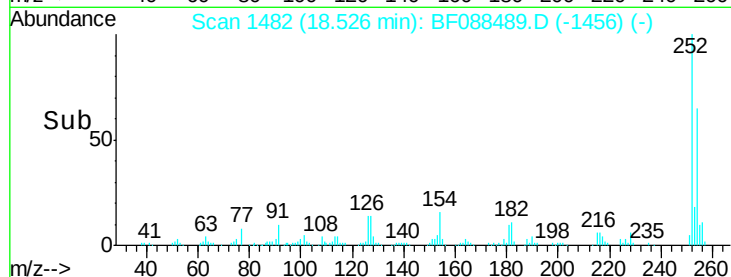
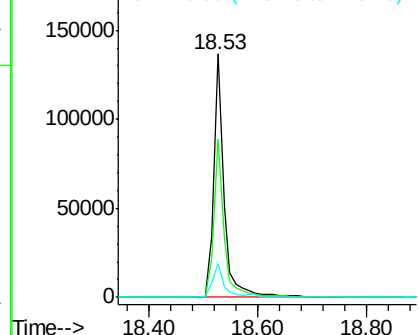
#81
 3,3'-Dichlorobenzidine
 Concen: 60.74 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.6	78.8
126	13.9	6.2	9.2

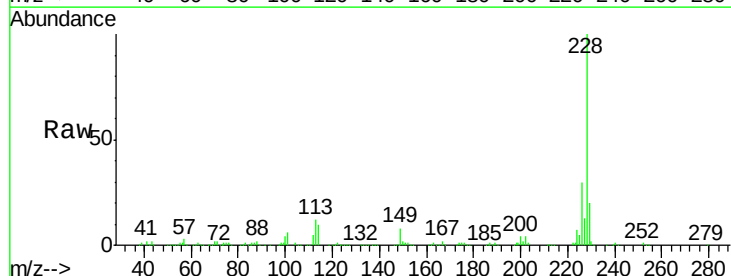


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

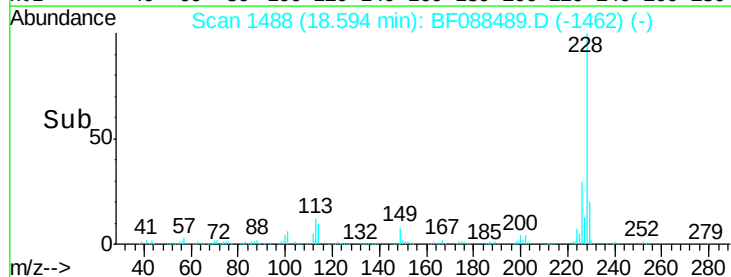
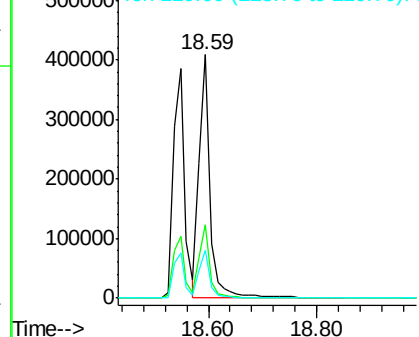


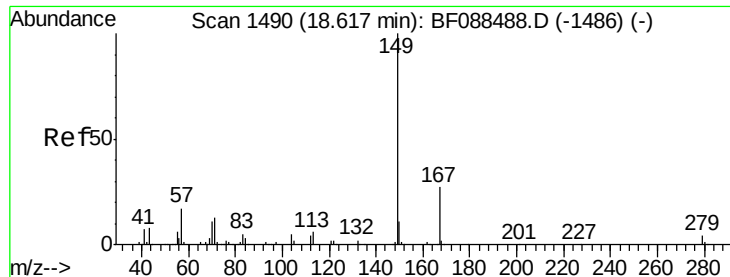
#82
 Chrysene
 Concen: 52.96 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	19.6	16.3	24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.98 ng

RT: 18.62 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

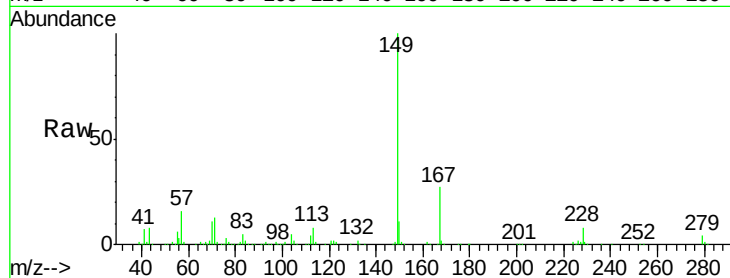
Tot Ion:149 Resp: 461991

Ion Ratio Lower Upper

149 100

167 26.9 20.5 30.7

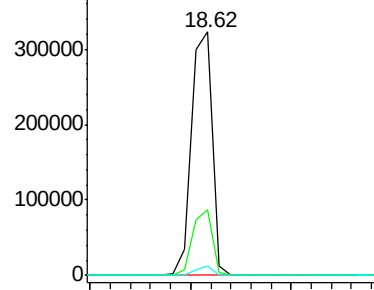
279 4.0 2.0 3.0#



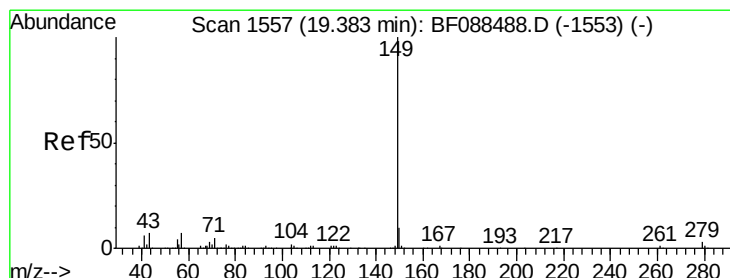
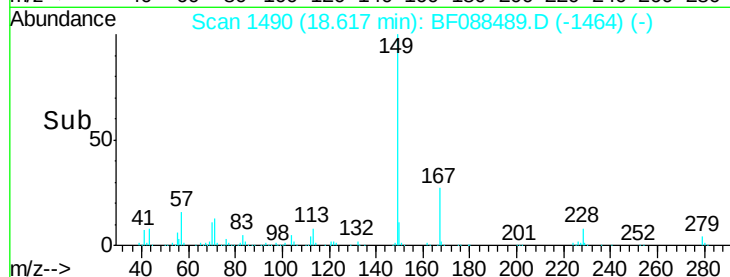
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 18.50 18.60 18.70



#84

Di-n-octyl phthalate

Concen: 57.16 ng

RT: 19.38 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

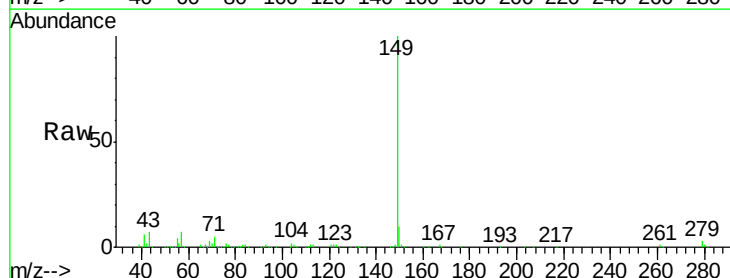
Tgt Ion:149 Resp: 727607

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

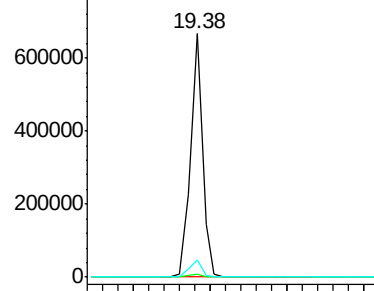
43 7.4 0.0 0.0#



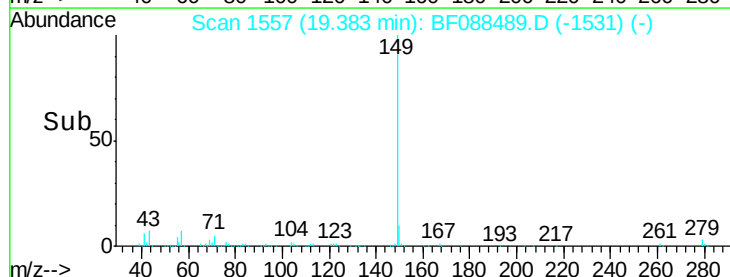
Abundance Ion 149.00 (148.70 to 149.70): E

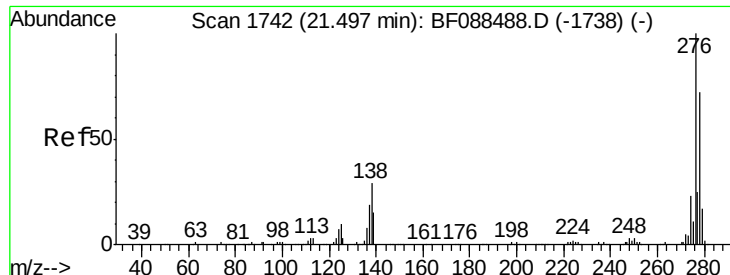
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 19.30 19.40 19.50

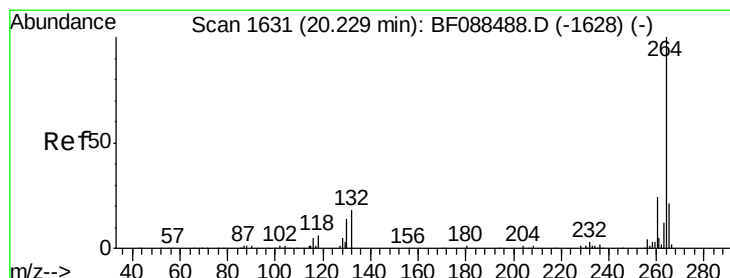
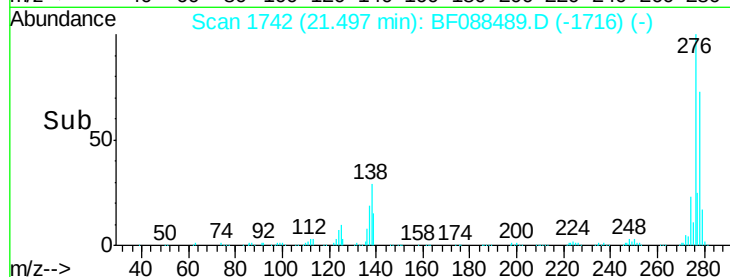
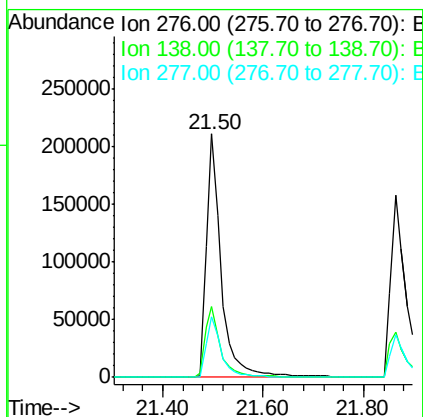
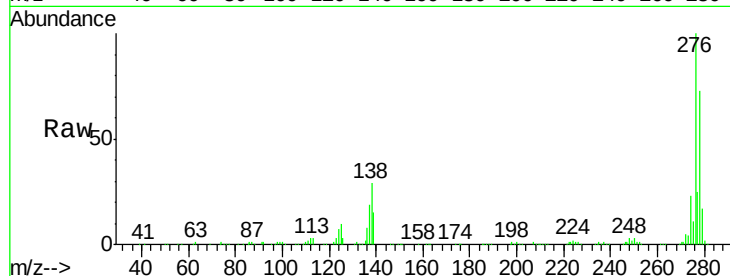




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.42 ng
 RT: 21.50 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

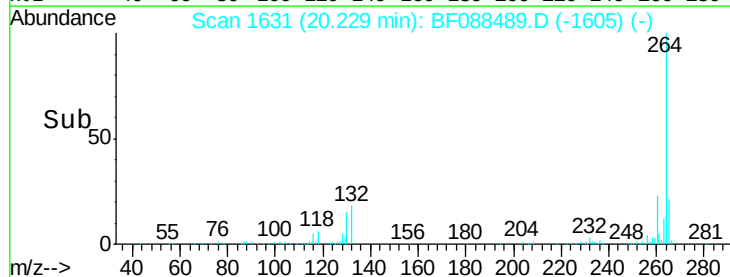
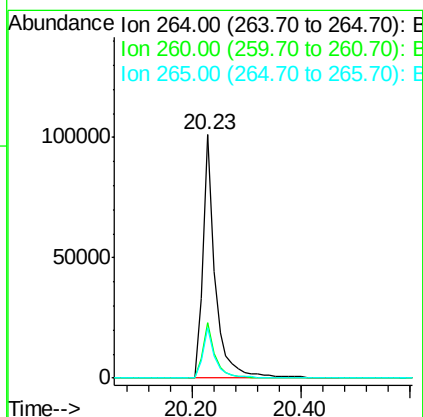
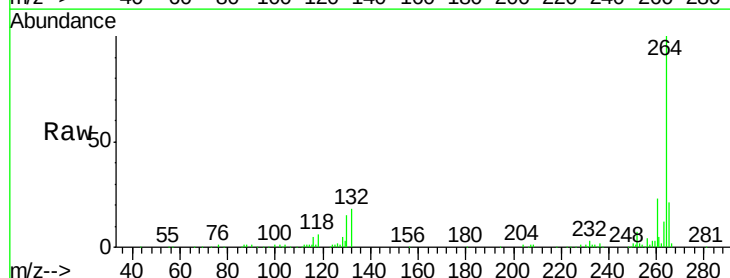
Instrument :
 BNA_F
 ClientSampleId :

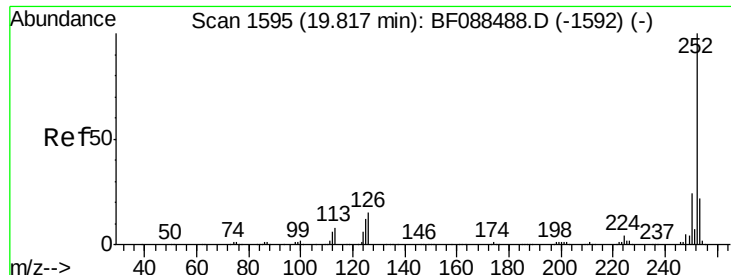
Tot Ion:276 Resp: 433935
 Ion Ratio Lower Upper
 276 100
 138 30.5 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Tgt Ion:264 Resp: 157071
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.9 16.9 25.3

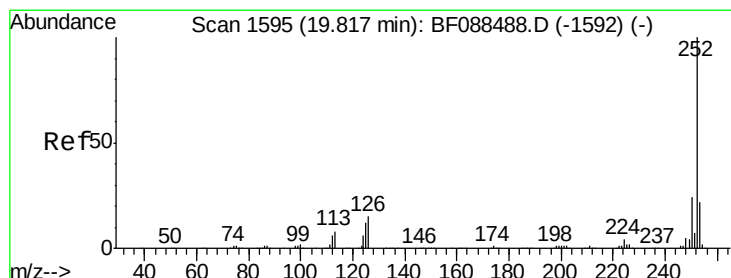
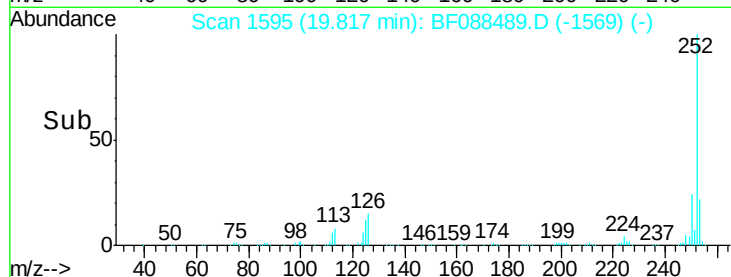
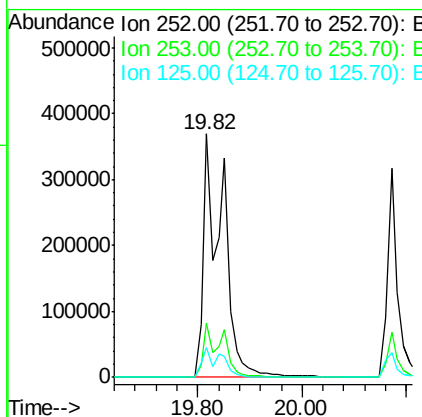
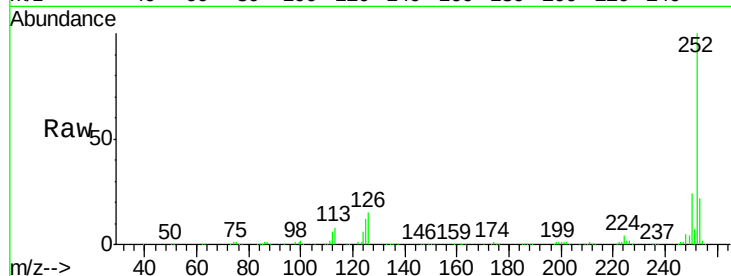




#87
Benzo(b)fluoranthene
Concen: 87.74 ng
RT: 19.82 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

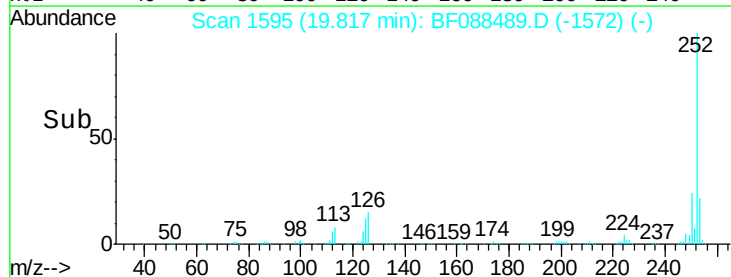
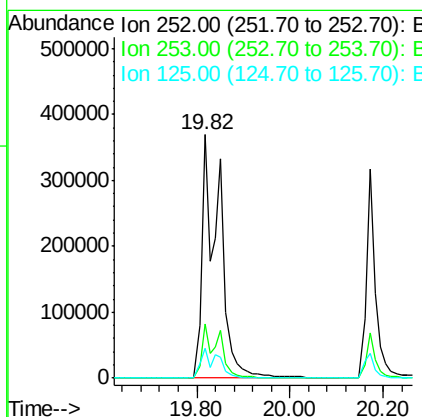
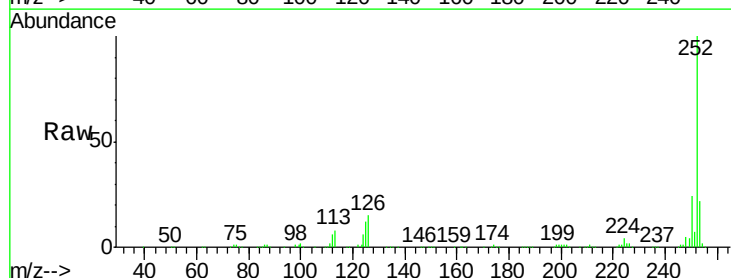
Instrument :
BNA_F
ClientSampleId :

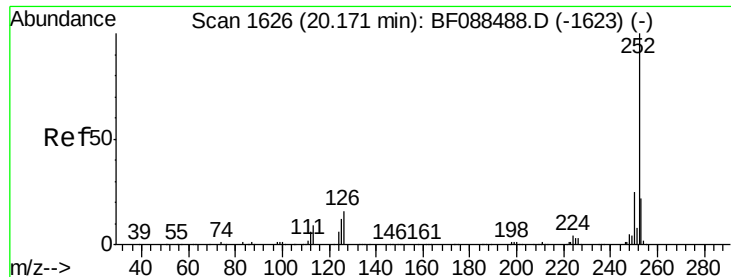
Tot Ion:252 Resp: 960548
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 12.1 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 116.53 ng
RT: 19.82 min Scan# 1595
Delta R.T. -0.03 min
Lab File: BF088489.D
Acq: 28 Jun 2016 16:25

Tgt Ion:252 Resp: 962366
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.1 11.2 16.8





#89

Benzo(a)pyrene

Concen: 49.68 ng

RT: 20.17 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

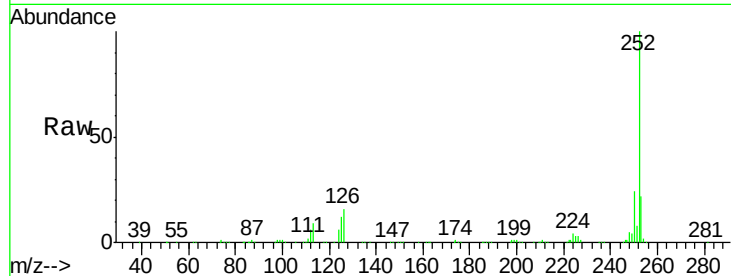
Tot Ion:252 Resp: 440063

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

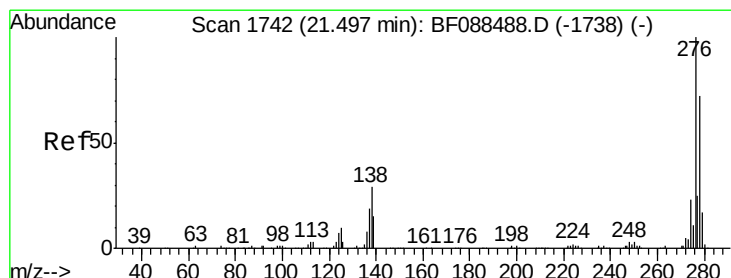
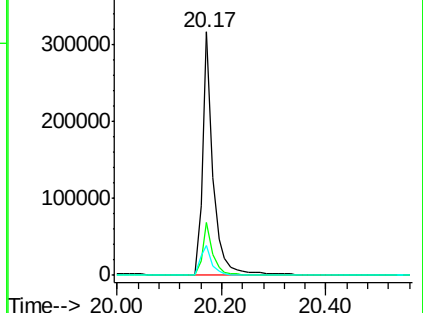
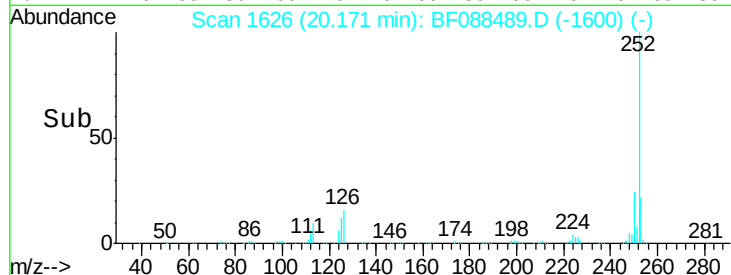
125 12.0 12.5 18.7#



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: 44.55 ng

RT: 21.50 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF088489.D

Acq: 28 Jun 2016 16:25

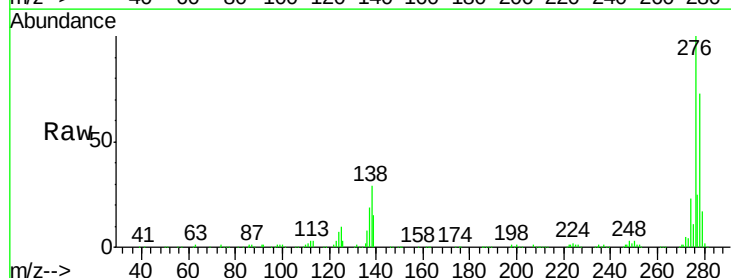
Tgt Ion:278 Resp: 366516

Ion Ratio Lower Upper

278 100

139 21.1 15.7 23.5

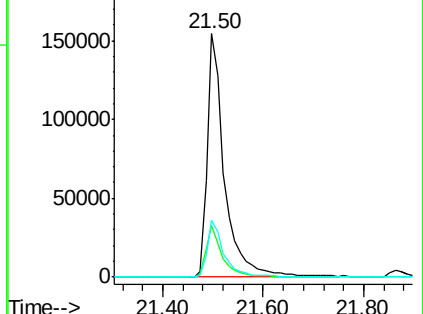
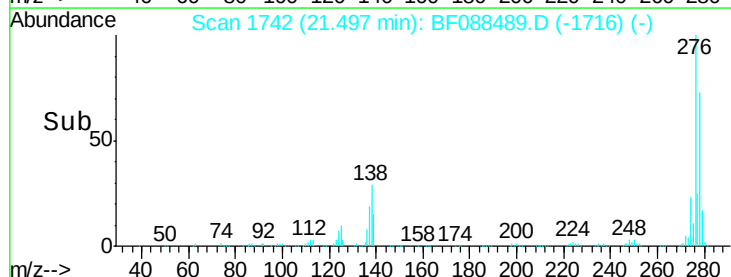
279 23.4 19.4 29.2

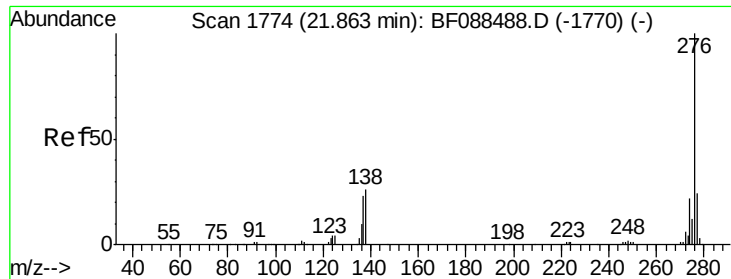


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

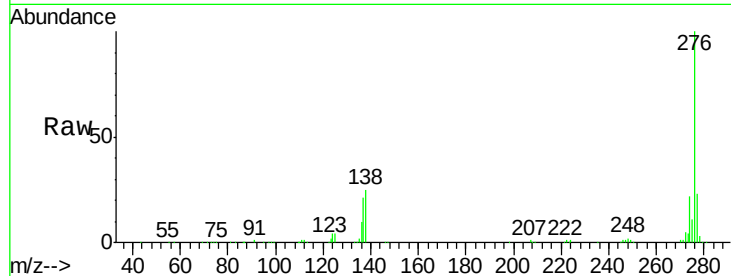




#91
 Benzo(a,h,i)perylene
 Concen: 43.12 ng
 RT: 21.86 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BF088489.D
 Acq: 28 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	25.1	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

