

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088506.D
 Acq On : 29 Jun 2016 21:32
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Quant Time: Jun 30 02:15:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	132818	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	517085	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	223065	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	376984	20.00	ng	0.00
75) Chrysene-d12	13.95	240	210944	20.00	ng	-0.01
86) Perylene-d12	15.36	264	258427	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	676126	78.83	ng	0.00
7) Phenol-d6	6.46	99	849429	77.45	ng	0.00
23) Nitrobenzene-d5	7.39	82	806382	81.91	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	128947	75.40	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1191505	85.85	ng	0.00
78) Terphenyl-d14	12.91	244	691704	63.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	163133	37.24	ng	# 29
3) Pyridine	3.10	79	474087	37.18	ng	98
4) n-Nitrosodimethylamine	3.05	42	191602	38.19	ng	100
6) Aniline	6.48	93	603115	37.66	ng	100
8) 2-Chlorophenol	6.60	128	363514	38.62	ng	97
9) Benzaldehyde	6.36	77	171614	39.00	ng	100
10) Phenol	6.47	94	507670	41.41	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	362341	36.48	ng	98
12) 1,3-Dichlorobenzene	6.76	146	395225	39.83	ng	99
13) 1,4-Dichlorobenzene	6.84	146	400124	39.56	ng	98
14) 1,2-Dichlorobenzene	6.99	146	350905	41.61	ng	100
15) Benzyl Alcohol	6.96	79	342725	37.78	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	513982	35.61	ng	100
17) 2-Methylphenol	7.07	107	294146	36.72	ng	99
18) Hexachloroethane	7.34	117	144422	37.08	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	291471	39.05	ng	99
20) 3+4-Methylphenols	7.23	107	360092	40.70	ng	97
22) Acetophenone	7.23	105	445048	35.75	ng	98
24) Nitrobenzene	7.40	77	396135	37.51	ng	99
25) Isophorone	7.64	82	709493	35.67	ng	# 92
26) 2-Nitrophenol	7.72	139	164407	47.84	ng	95
27) 2,4-Dimethylphenol	7.76	122	311292	34.86	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	449247	36.64	ng	99
29) 2,4-Dichlorophenol	7.96	162	291433	40.50	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	294865	37.26	ng	99
31) Naphthalene	8.12	128	973405	37.11	ng	99
32) Benzoic acid	7.86	122	117104	31.32	ng	96
33) 4-Chloroaniline	8.18	127	429542	36.69	ng	98
34) Hexachlorobutadiene	8.25	225	148107	39.86	ng	97
35) Caprolactam	8.54	113	75196	34.19	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	275170	34.42	ng	# 82
37) 2-Methylnaphthalene	8.82	142	661761	41.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	231033	38.48	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	147057	41.18	ng	99

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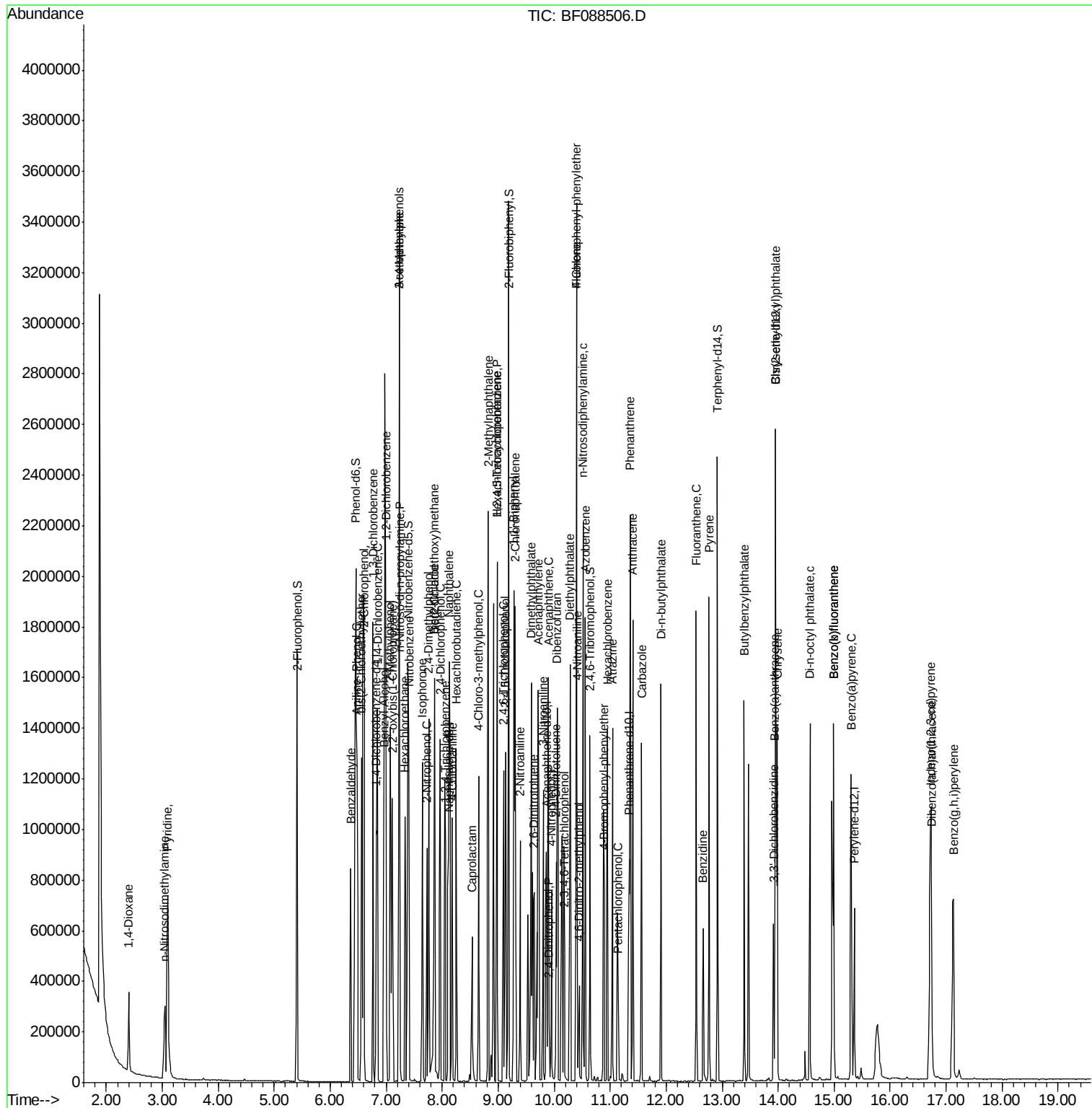
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	182748	41.04	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	189106	42.51	ng	96
45) 1,1'-Biphenyl	9.28	154	681200	38.50	ng	99
46) 2-Chloronaphthalene	9.30	162	551789	39.39	ng	100
47) 2-Nitroaniline	9.39	65	161654	38.17	ng	99
48) Acenaphthylene	9.71	152	897168	38.10	ng	99
49) Dimethylphthalate	9.59	163	677721	44.80	ng	99
50) 2,6-Dinitrotoluene	9.64	165	146403	43.67	ng	# 77
51) Acenaphthene	9.90	154	535887	38.66	ng	97
52) 3-Nitroaniline	9.80	138	142714	37.42	ng	97
53) 2,4-Dinitrophenol	9.91	184	28170	52.74	ng	# 80
54) Dibenzofuran	10.06	168	768666	37.57	ng	# 89
55) 4-Nitrophenol	9.95	139	97316	37.26	ng	93
56) 2,4-Dinitrotoluene	10.03	165	162243	38.69	ng	# 52
57) Fluorene	10.40	166	502631	37.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	123138	36.80	ng	94
59) Diethylphthalate	10.28	149	628700	39.41	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	247941	40.29	ng	97
61) 4-Nitroaniline	10.41	138	119796	37.08	ng	82
62) Azobenzene	10.56	77	839694	40.46	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	53112	46.27	ng	# 67
65) n-Nitrosodiphenylamine	10.51	169	499711	37.02	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	157940	38.73	ng	94
67) Hexachlorobenzene	10.95	284	162751	39.25	ng	# 91
68) Atrazine	11.04	200	133785	34.30	ng	99
69) Pentachlorophenol	11.14	266	76838	37.34	ng	98
70) Phenanthrene	11.36	178	820418	42.94	ng	99
71) Anthracene	11.40	178	770958	37.31	ng	99
72) Carbazole	11.56	167	717673	40.77	ng	98
73) Di-n-butylphthalate	11.91	149	901301	39.88	ng	99
74) Fluoranthene	12.54	202	659813	37.03	ng	98
76) Benzidine	12.66	184	235802	35.90	ng	100
77) Pyrene	12.77	202	695549	38.23	ng	99
79) Butylbenzylphthalate	13.39	149	294629	38.82	ng	95
80) Benzo(a)anthracene	13.94	228	552671	38.81	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	183912	39.04	ng	# 98
82) Chrysene	13.99	228	556963	42.14	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	396801	37.58	ng	# 95
84) Di-n-octyl phthalate	14.57	149	727684	40.30	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	707229	41.04	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	1096877	73.31	ng	# 97
88) Benzo(k)fluoranthene	14.99	252	1096877	81.87	ng	98
89) Benzo(a)pyrene	15.30	252	540318	37.69	ng	99
90) Dibenzo(a,h)anthracene	16.74	278	582521	40.09	ng	99
91) Benzo(g,h,i)perylene	17.13	276	612376	40.22	ng	100

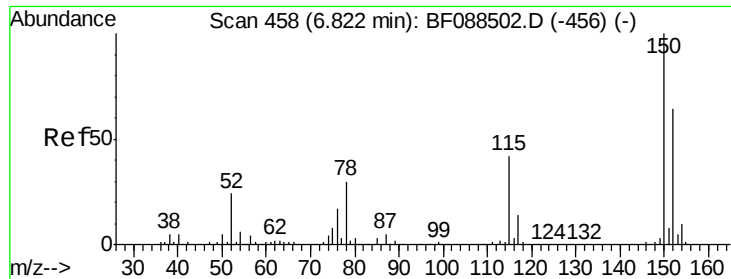
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

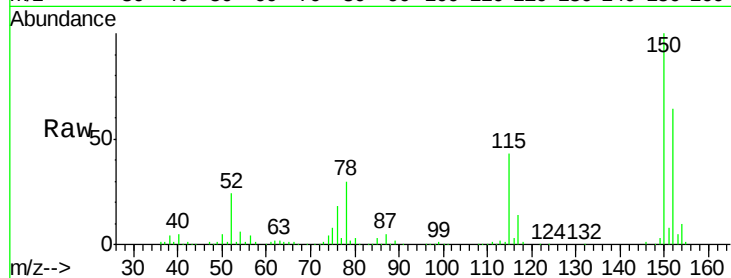
Tgt Ion:152 Resp: 132818

Ion Ratio Lower Upper

152 100

150 156.0 124.5 186.7

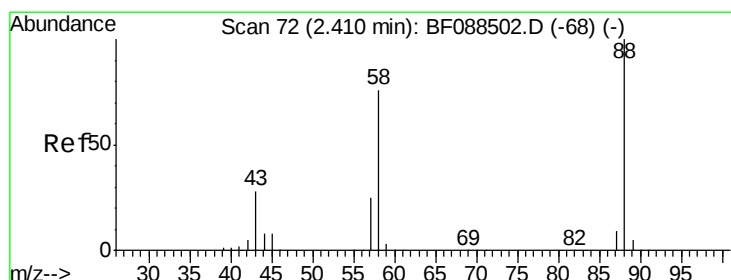
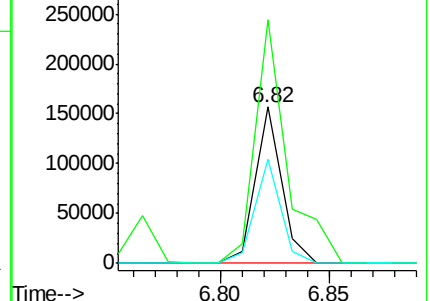
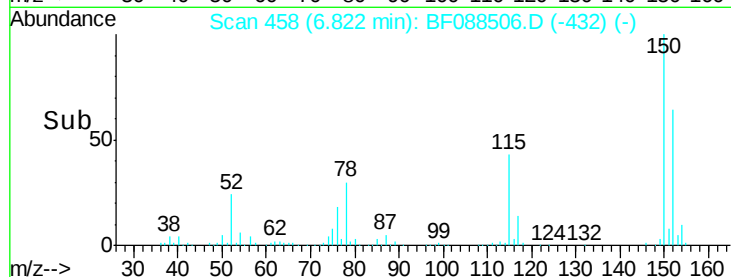
115 66.6 52.3 78.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.24 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

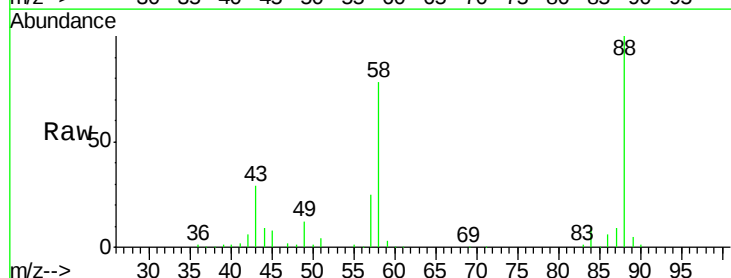
Tgt Ion: 88 Resp: 163133

Ion Ratio Lower Upper

88 100

58 74.9 0.0 0.0#

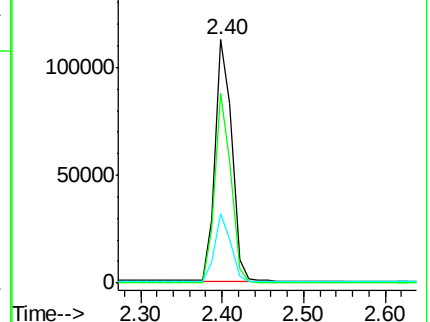
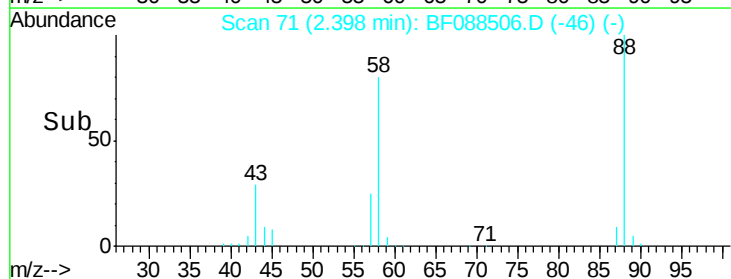
43 27.2 3.2 4.8#

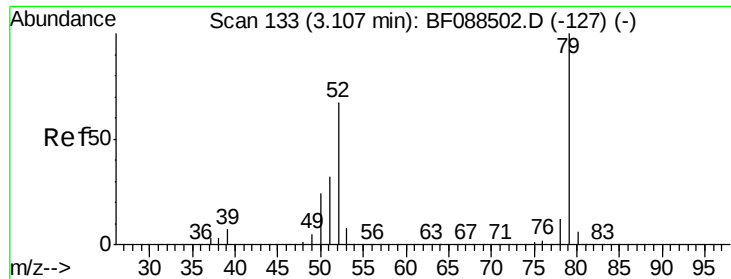


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.18 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

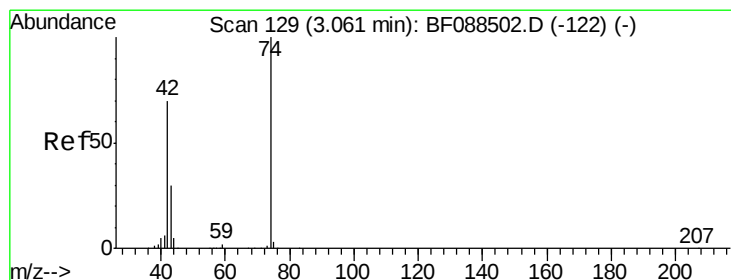
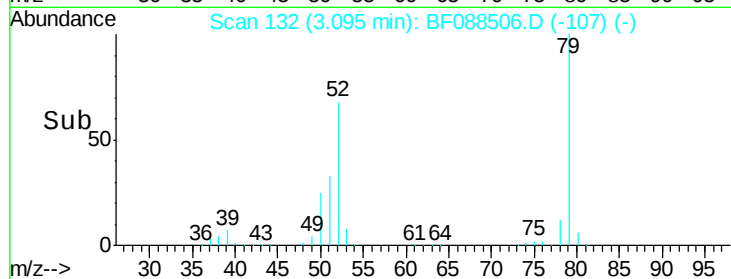
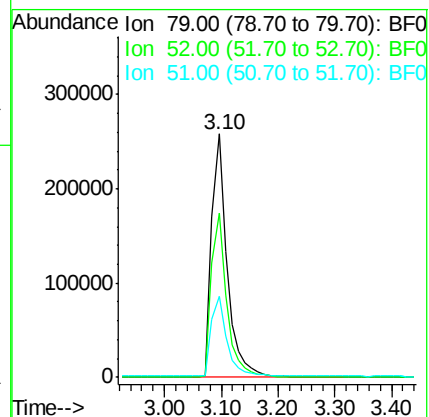
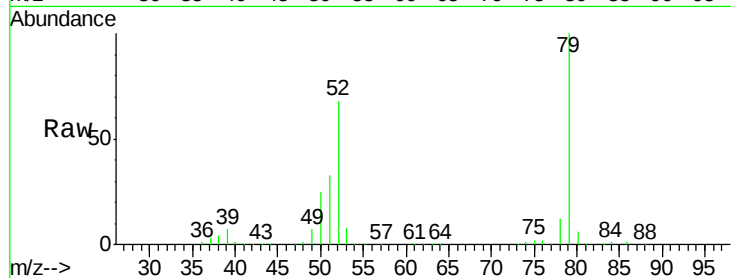
Tgt Ion: 79 Resp: 474087

Ion Ratio Lower Upper

79 100

52 67.7 53.4 80.0

51 33.5 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 38.19 ng

RT: 3.05 min Scan# 128

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

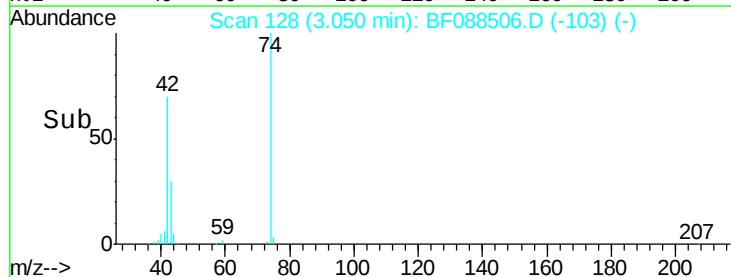
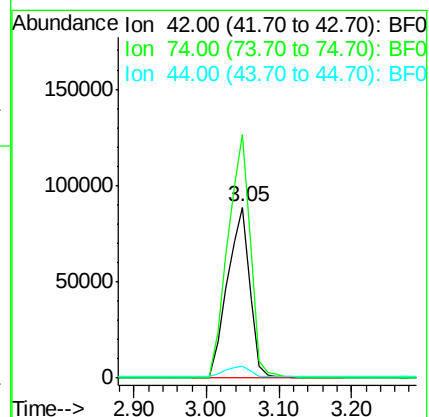
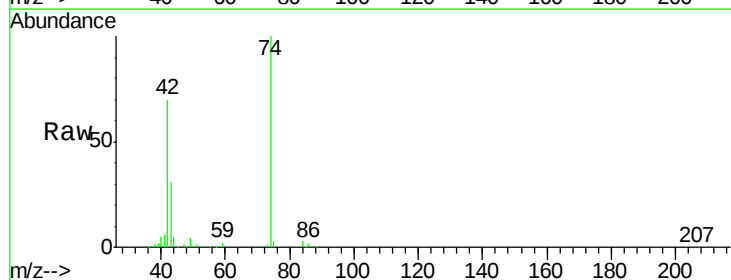
Tgt Ion: 42 Resp: 191602

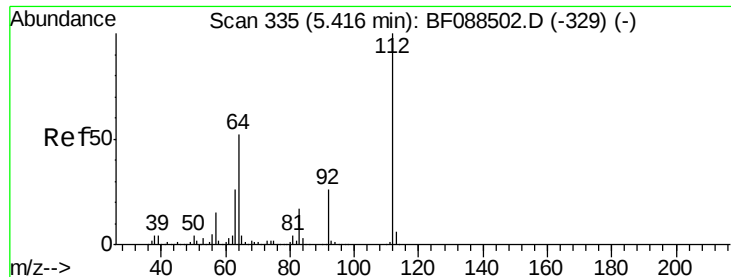
Ion Ratio Lower Upper

42 100

74 142.2 113.7 170.5

44 7.3 6.4 9.6





#5

2-Fluorophenol

Concen: 78.83 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

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ClientSampleId :

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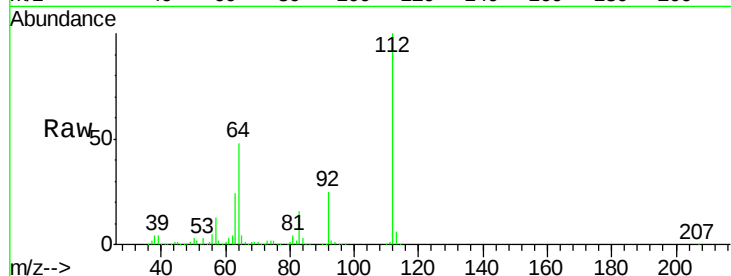
Tgt Ion: 112 Resp: 676126

Ion Ratio Lower Upper

112 100

64 47.9 41.5 62.3

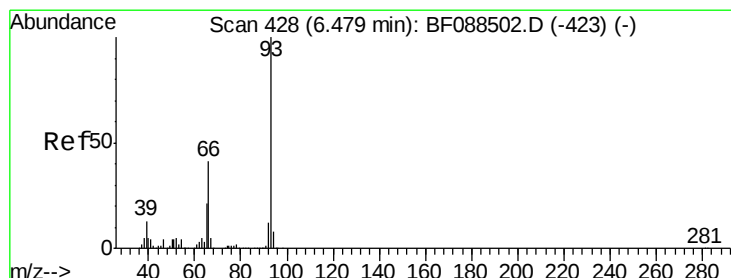
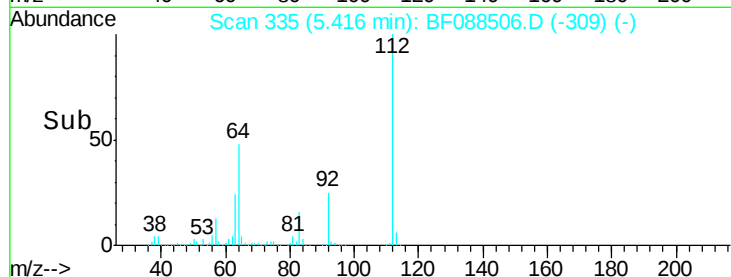
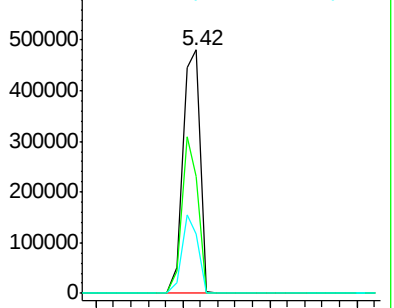
63 24.1 20.6 31.0



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: 37.66 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

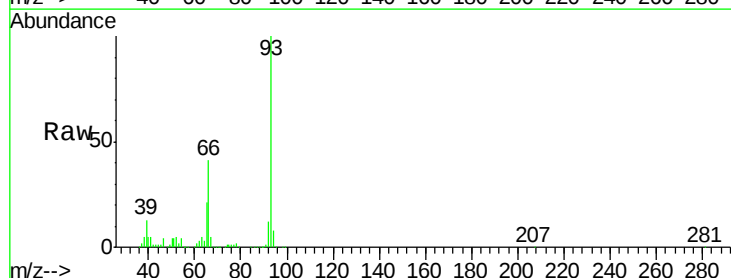
Tgt Ion: 93 Resp: 603115

Ion Ratio Lower Upper

93 100

66 41.3 33.0 49.6

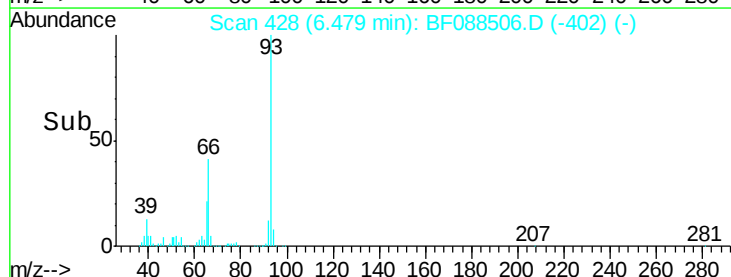
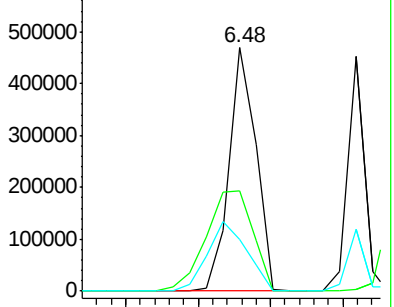
65 20.9 16.5 24.7

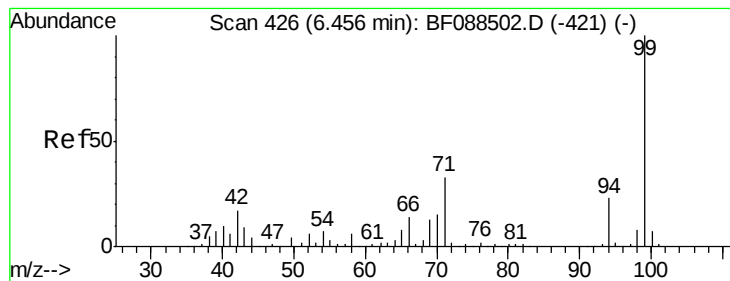


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.45 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088506.D

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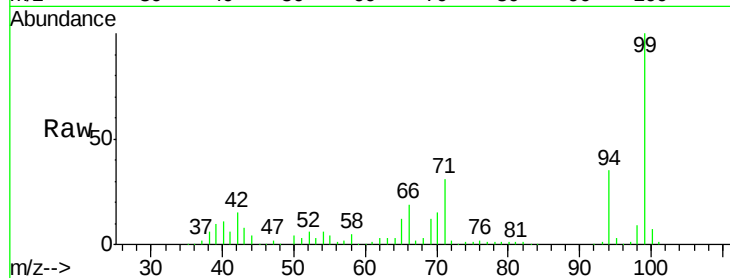
Tgt Ion: 99 Resp: 849429

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.0

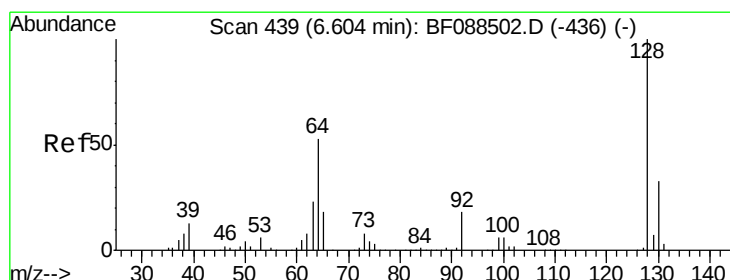
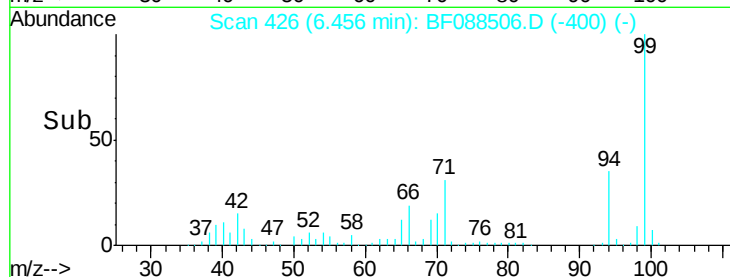
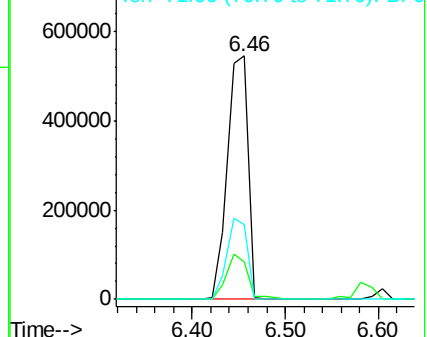
71 30.8 26.1 39.1



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: 38.62 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

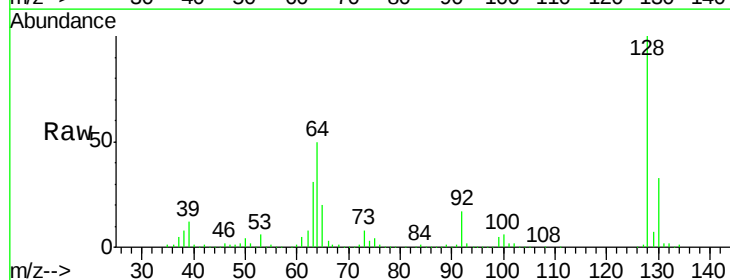
Tgt Ion: 128 Resp: 363514

Ion Ratio Lower Upper

128 100

130 32.9 13.2 53.2

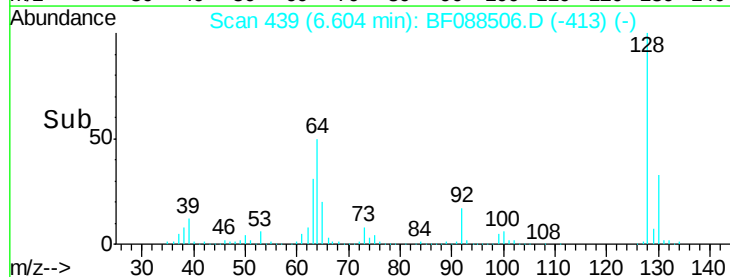
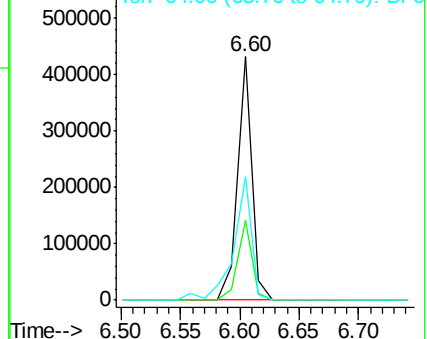
64 50.5 34.3 74.3

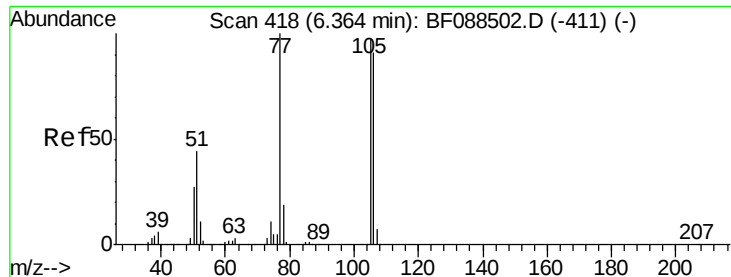


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

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Acq: 29 Jun 2016 21:32

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ICVBF062916

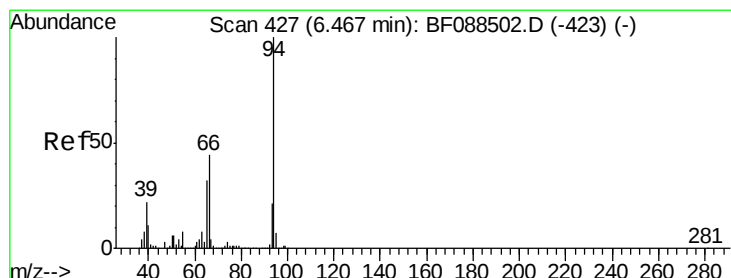
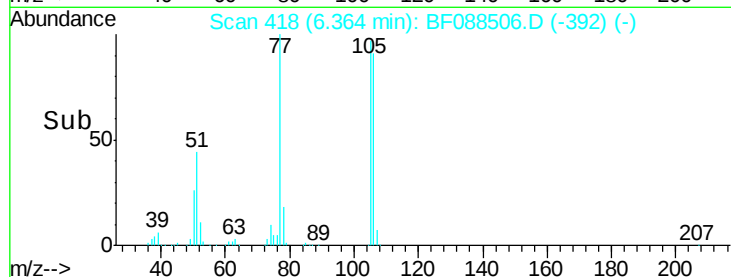
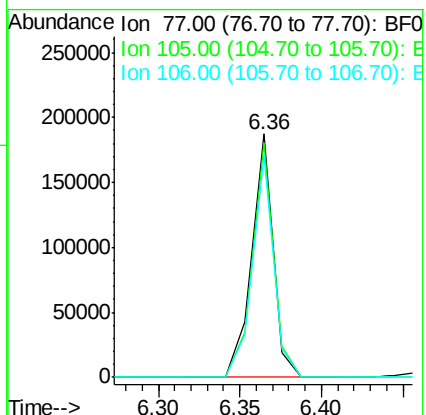
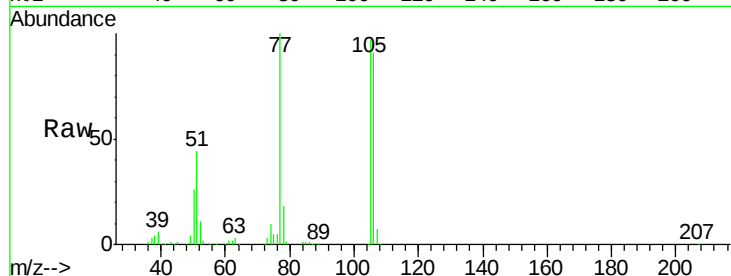
Tgt Ion: 77 Resp: 171614

Ion Ratio Lower Upper

77 100

105 96.6 76.6 116.6

106 91.3 70.8 110.8



#10

Phenol

Concen: 41.41 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

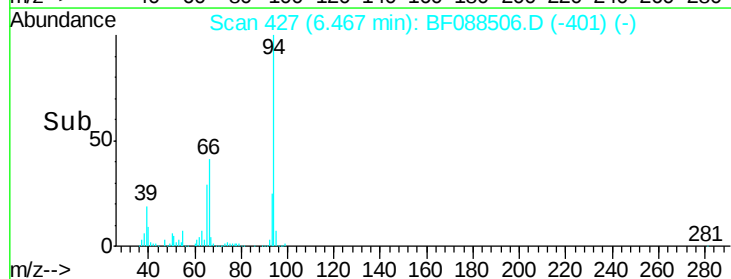
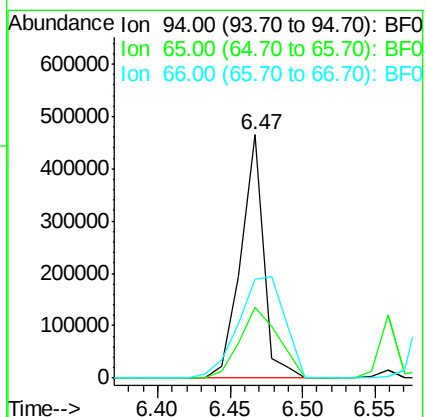
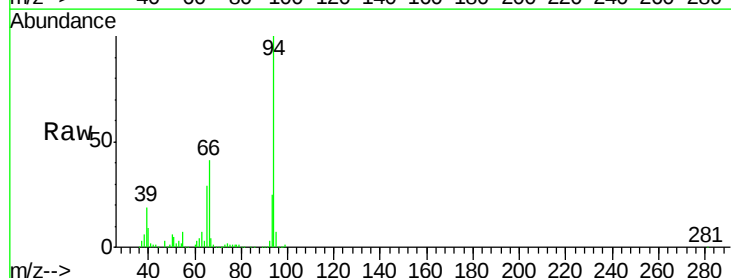
Tgt Ion: 94 Resp: 507670

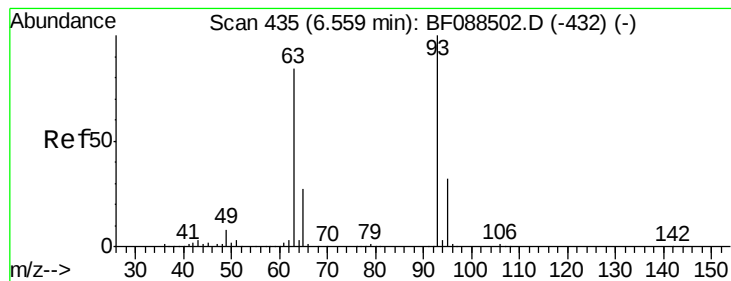
Ion Ratio Lower Upper

94 100

65 29.0 11.6 51.6

66 40.9 23.8 63.8





#11

bis(2-Chloroethyl)ether

Concen: 36.48 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

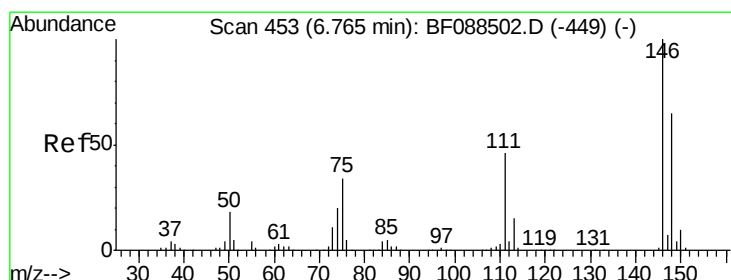
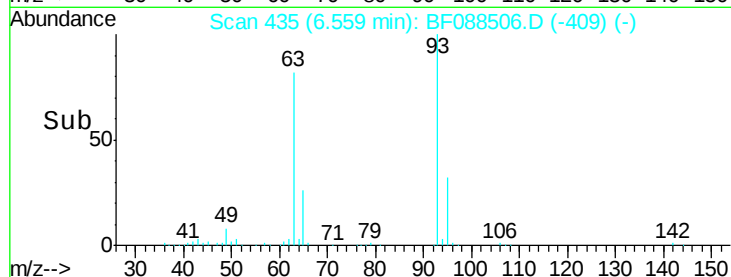
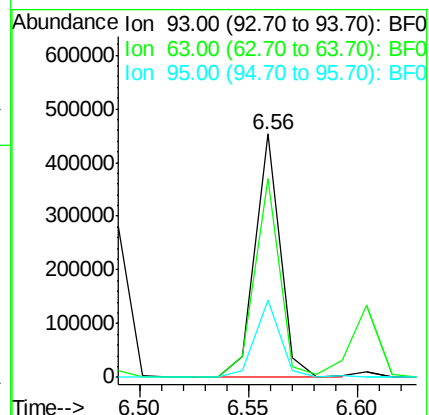
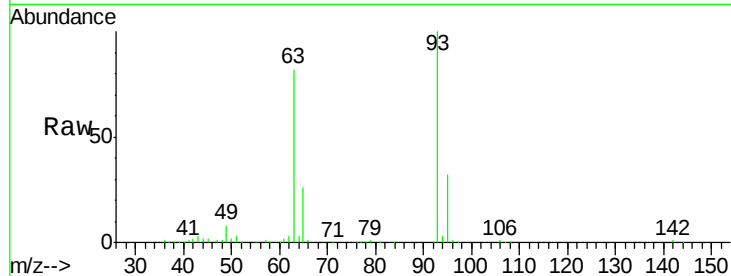
Tgt Ion: 93 Resp: 362341

Ion Ratio Lower Upper

93 100

63 81.5 63.4 103.4

95 31.8 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 39.83 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

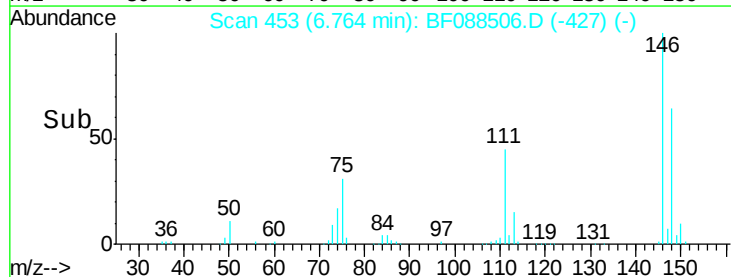
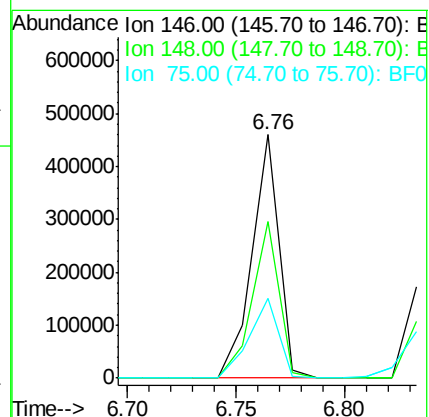
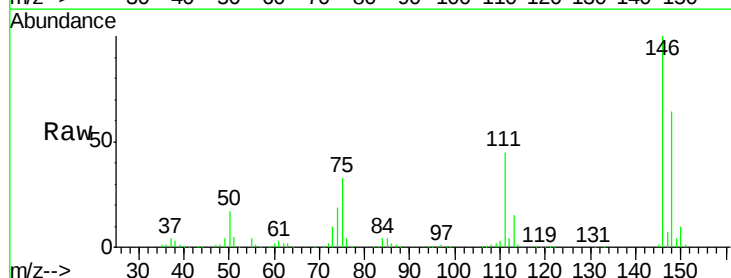
Tgt Ion: 146 Resp: 395225

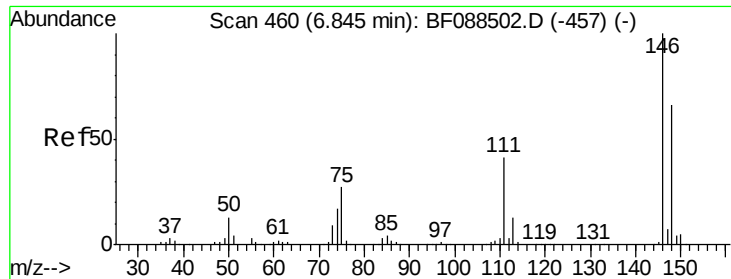
Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

75 32.6 26.8 40.2

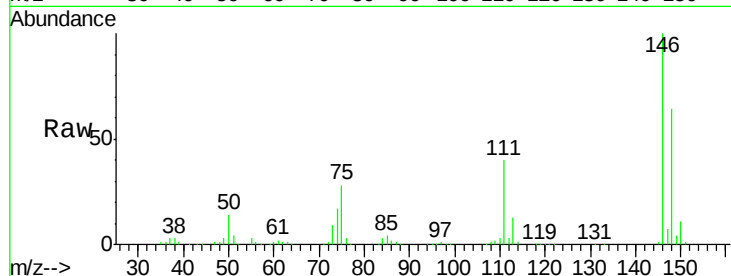




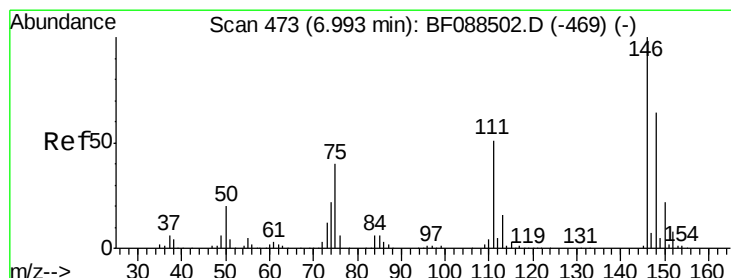
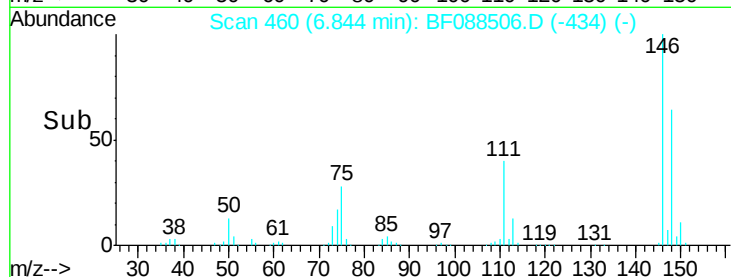
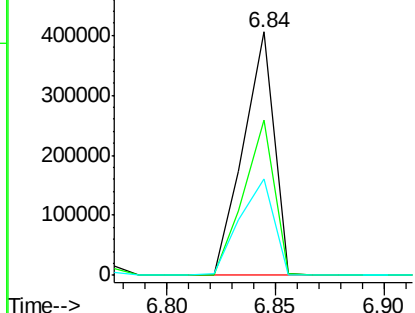
#13
 1,4-Dichlorobenzene
 Concen: 39.56 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion:146 Resp: 400124
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.8 79.2
 111 39.8 32.5 48.7

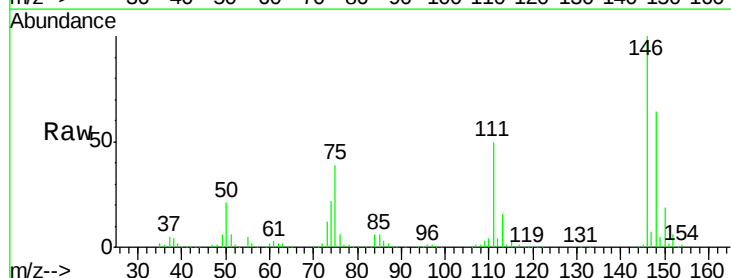


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

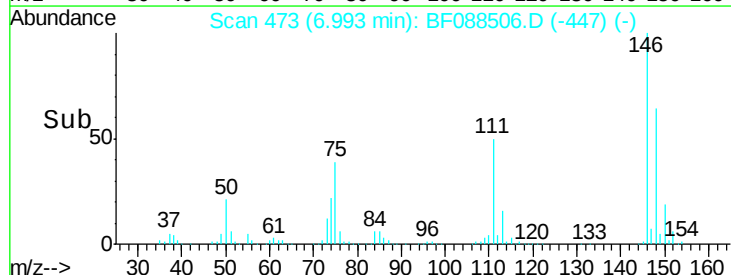
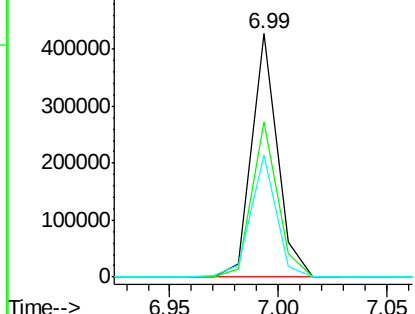


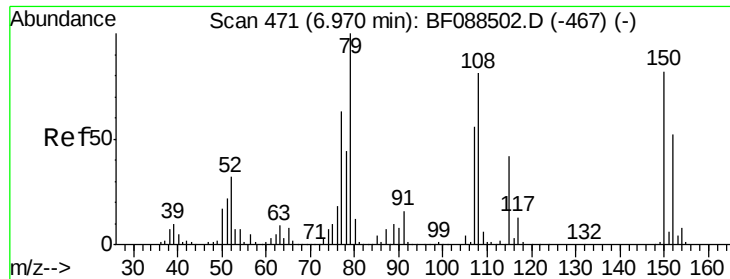
#14
 1,2-Dichlorobenzene
 Concen: 41.61 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:146 Resp: 350905
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 50.0 40.5 60.7



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

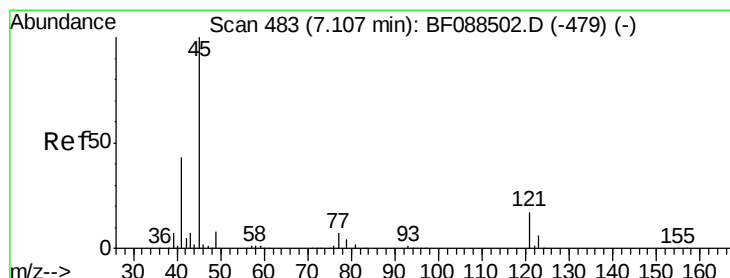
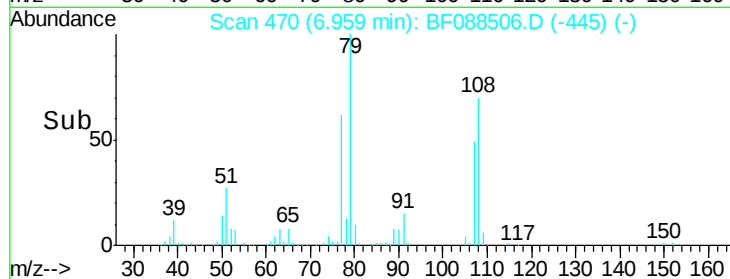
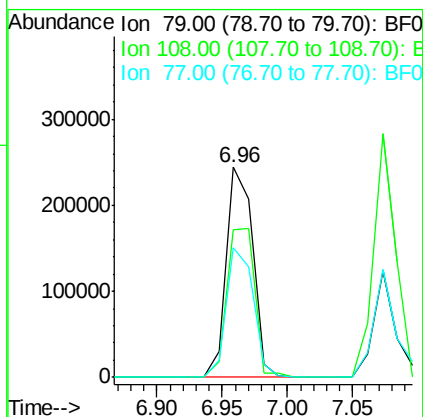
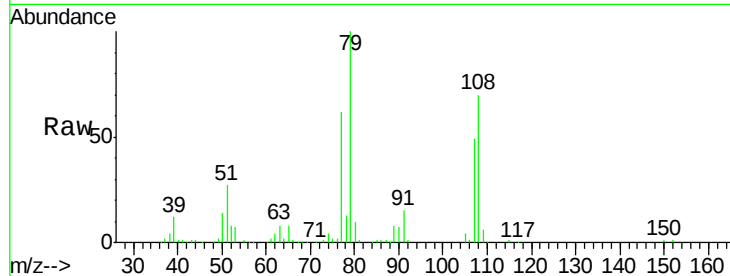




#15
Benzyl Alcohol
Concen: 37.78 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

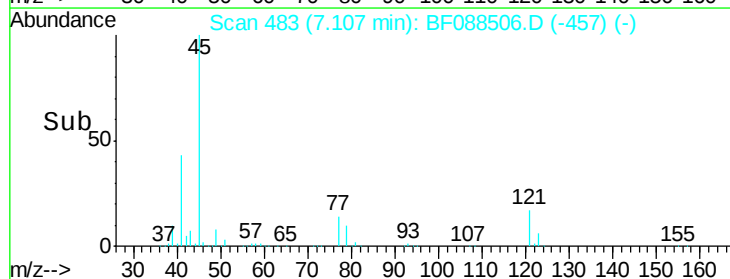
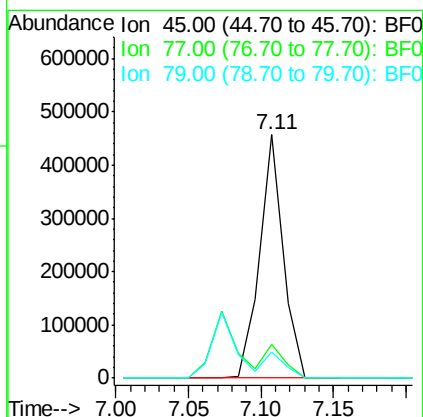
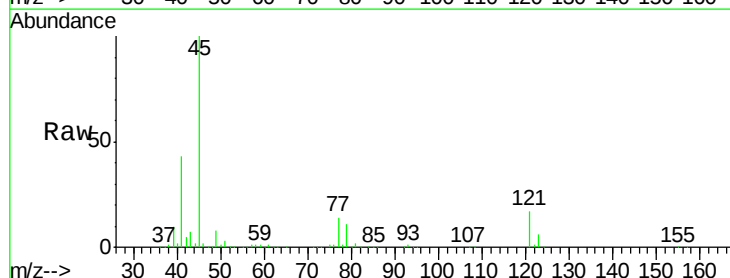
Instrument :
BNA_F
ClientSampleId :
ICVBF062916

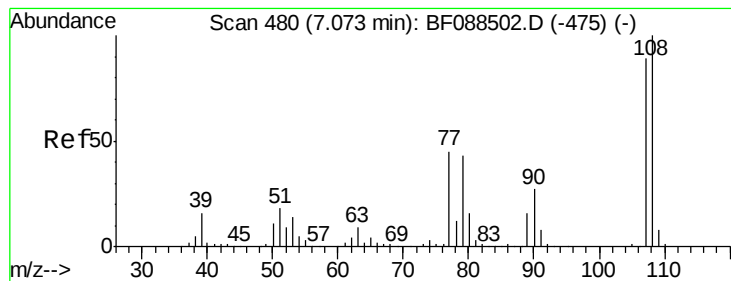
Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.3	64.7	97.1
77	61.9	50.4	75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.1
79	10.7	0.0	30.7





#17

2-Methylphenol

Concen: 36.72 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tgt Ion:107 Resp: 294146

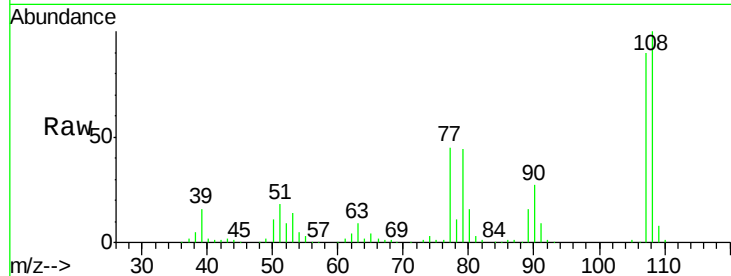
Ion Ratio Lower Upper

107 100

108 111.7 90.0 135.0

77 49.8 40.2 60.4

79 48.7 39.0 58.6

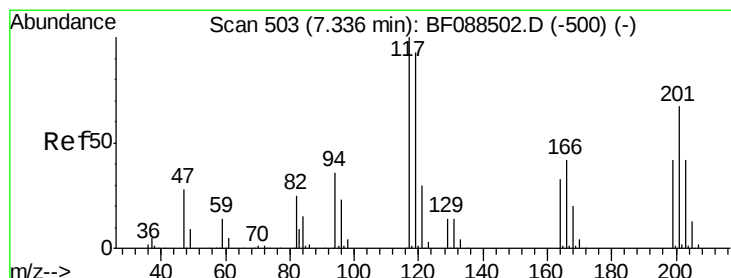
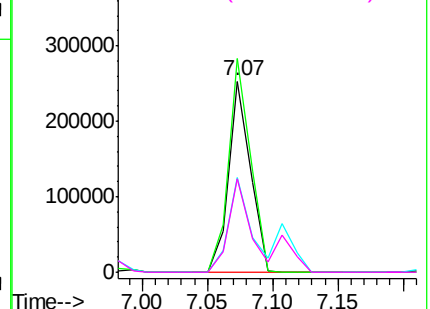
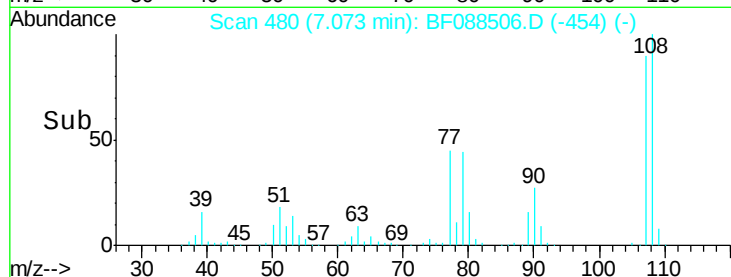


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.08 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

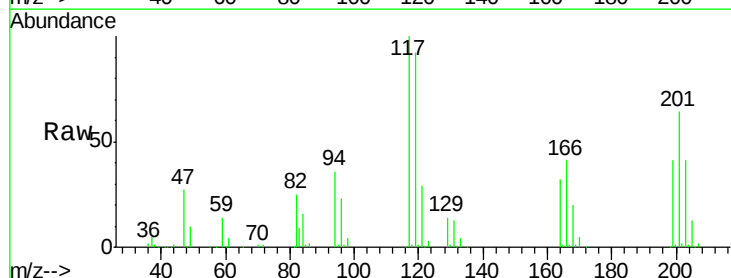
Tgt Ion:117 Resp: 144422

Ion Ratio Lower Upper

117 100

119 92.3 74.1 111.1

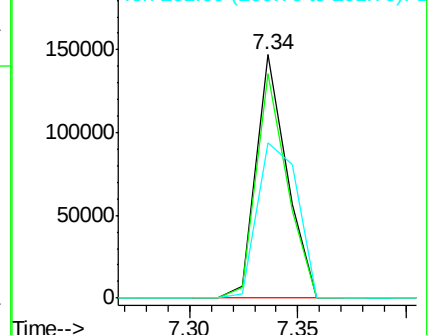
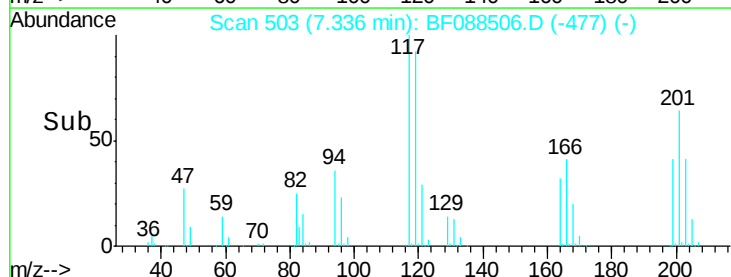
201 64.0 53.4 80.2

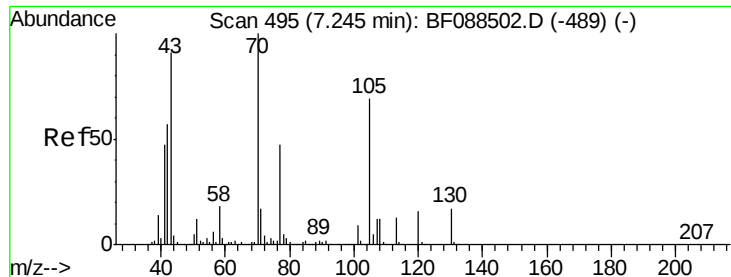


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

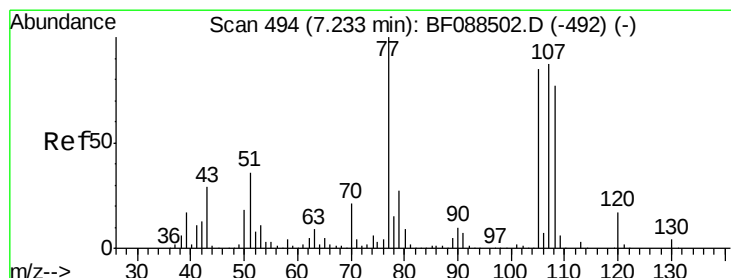
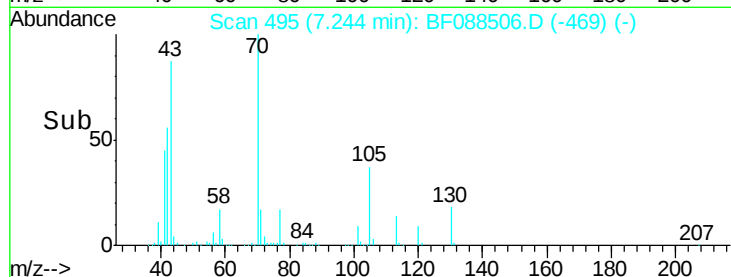
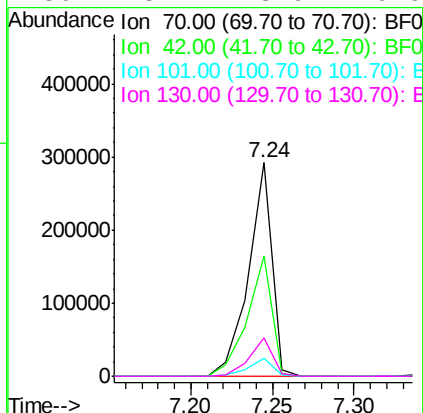
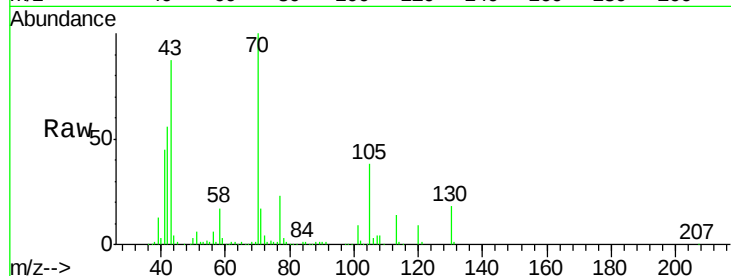




#19
n-Nitroso-di-n-propylamine
Concen: 39.05 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

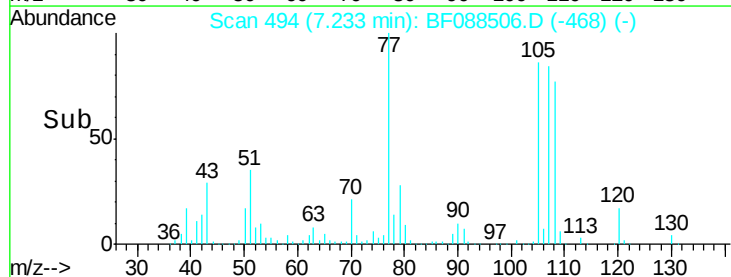
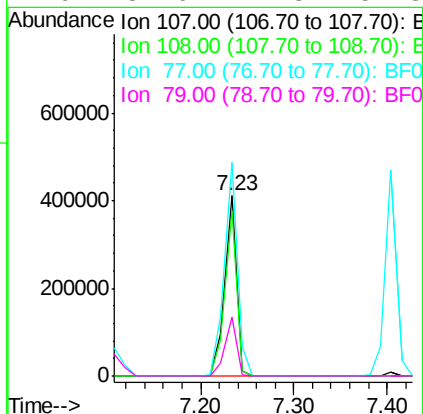
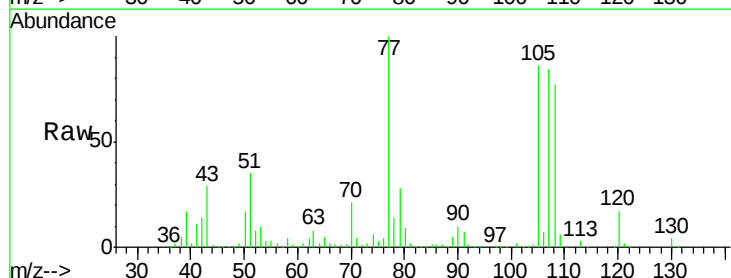
Instrument :
BNA_F
ClientSampleId :
ICVBF062916

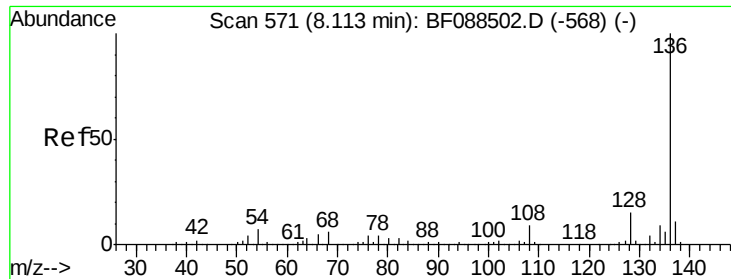
Tgt Ion:	70	Resp:	291471
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.9	68.9
101	8.6	6.8	10.2
130	18.2	13.9	20.9



#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:	107	Resp:	360092
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.1	108.1
77	118.5	95.1	135.1
79	32.6	11.3	51.3

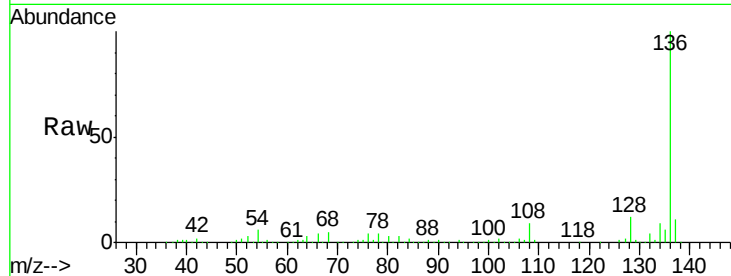




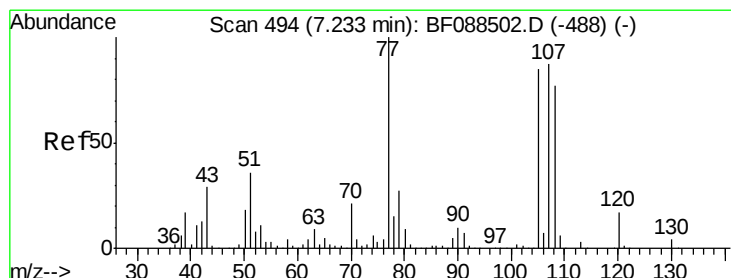
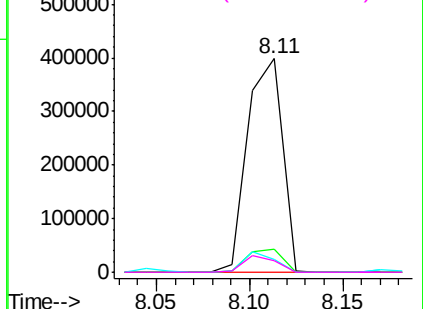
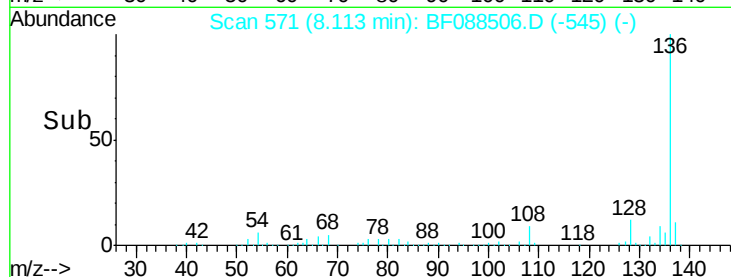
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tgt Ion:	136	Resp:	517085
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.2	5.4	8.2
68	5.4	4.9	7.3

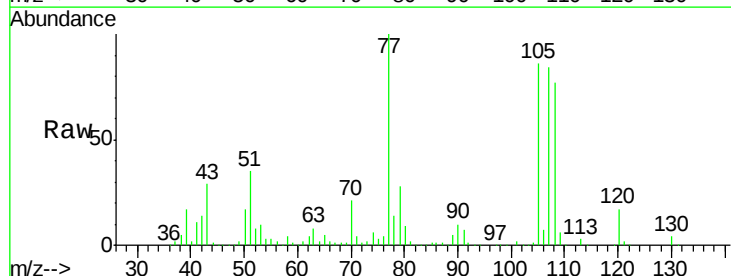


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

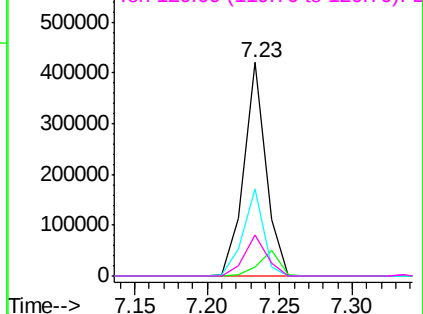
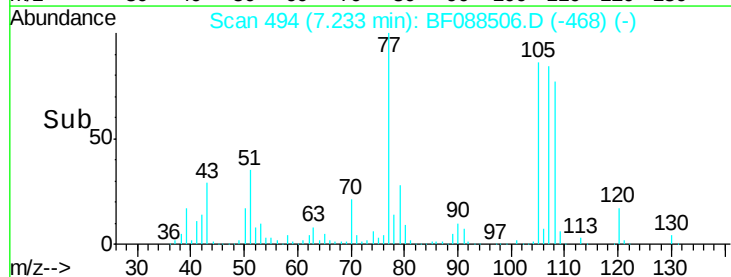


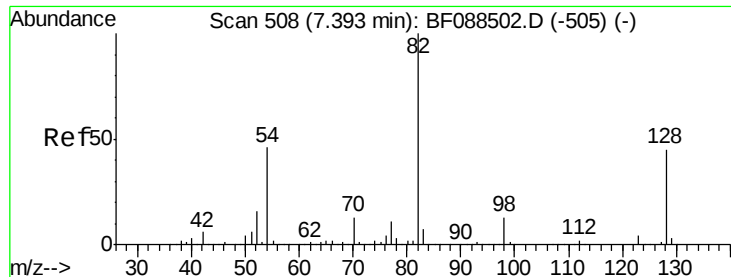
#22
Acetophenone
Concen: 35.75 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:	105	Resp:	445048
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.2
51	40.5	33.6	50.4
120	19.4	15.6	23.4



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

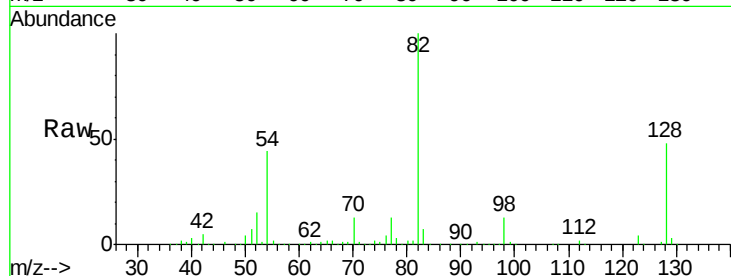




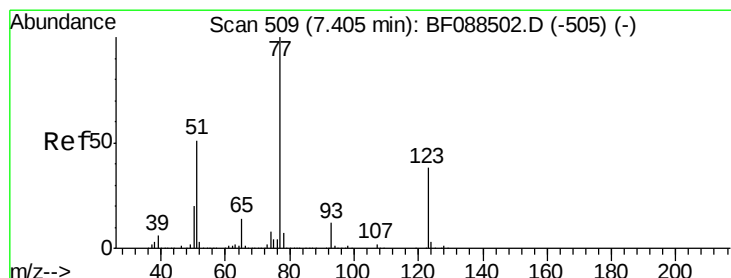
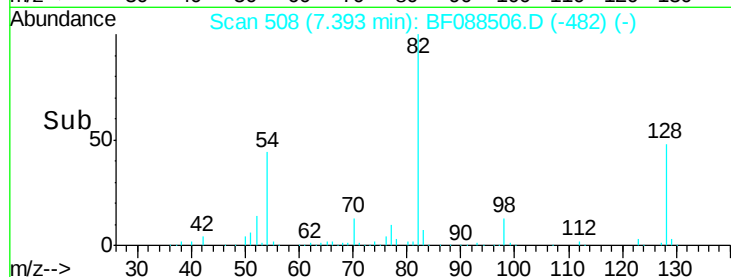
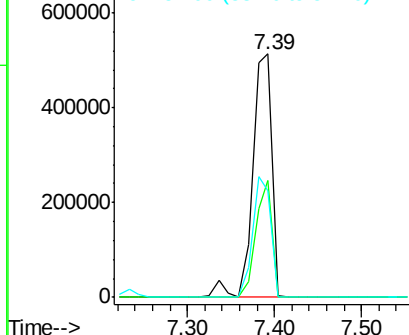
#23
 Nitrobenzene-d5
 Concen: 81.91 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.8	53.8
54	43.9	37.1	55.7

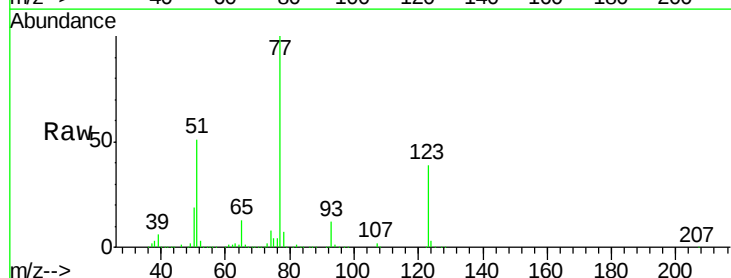


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

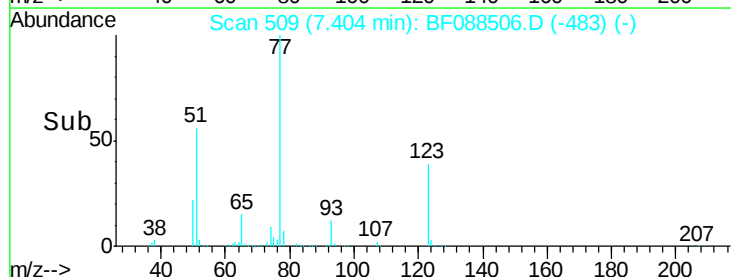
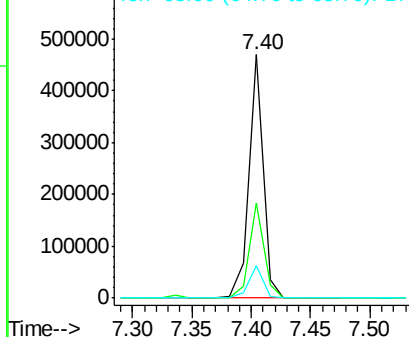


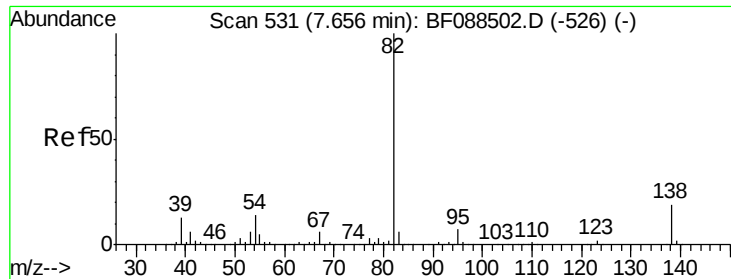
#24
 Nitrobenzene
 Concen: 37.51 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.7	46.1
65	13.4	10.9	16.3



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





#25

Isophorone

Concen: 35.67 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

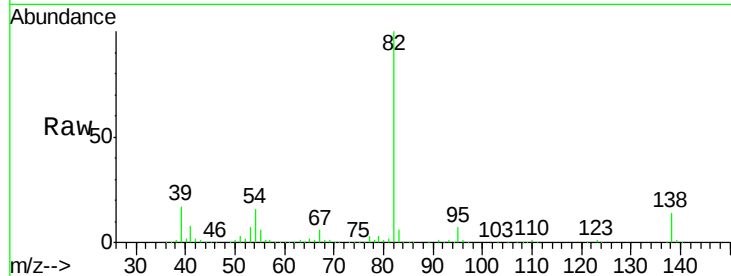
Tgt Ion: 82 Resp: 709493

Ion Ratio Lower Upper

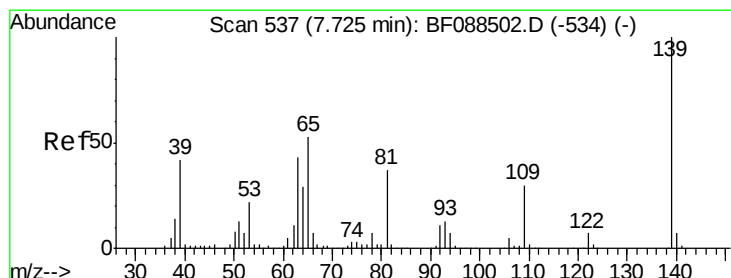
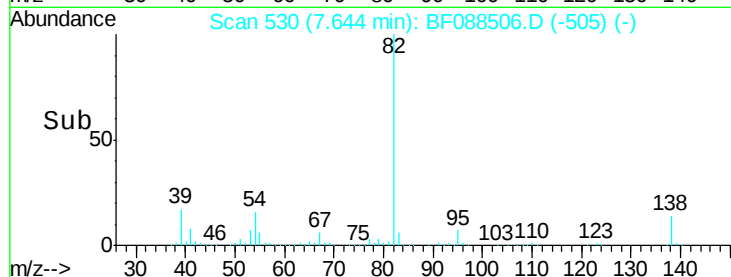
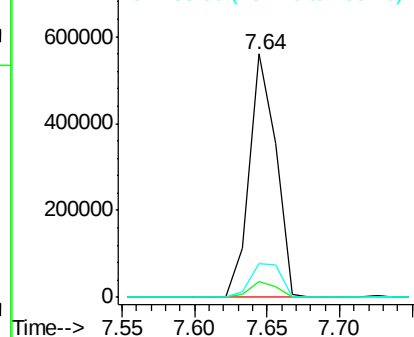
82 100

95 6.5 5.6 8.4

138 13.8 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 47.84 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

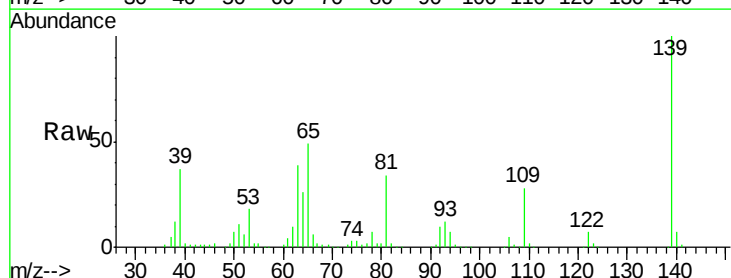
Tgt Ion: 139 Resp: 164407

Ion Ratio Lower Upper

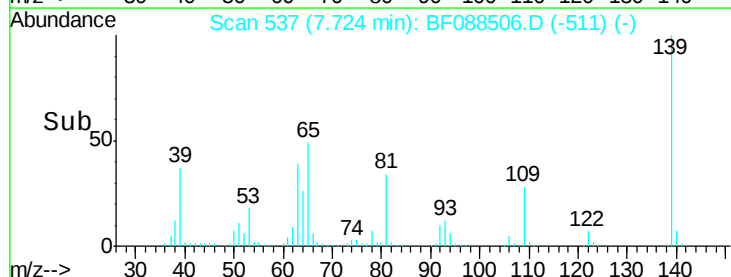
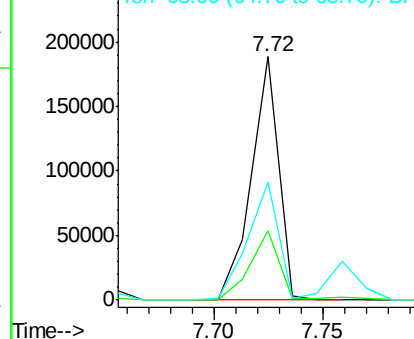
139 100

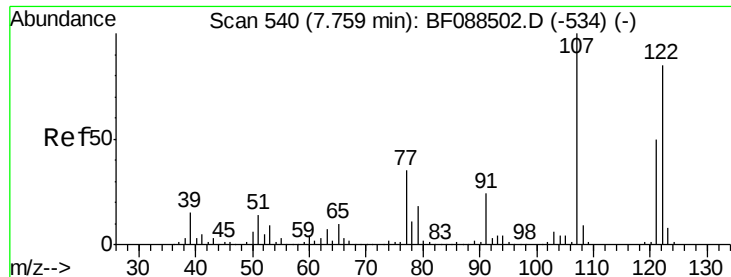
109 28.5 24.0 36.0

65 48.5 42.4 63.6



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

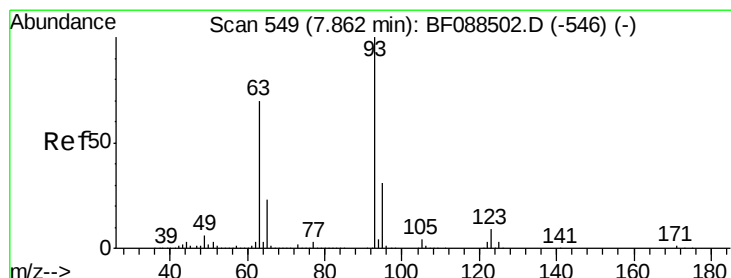
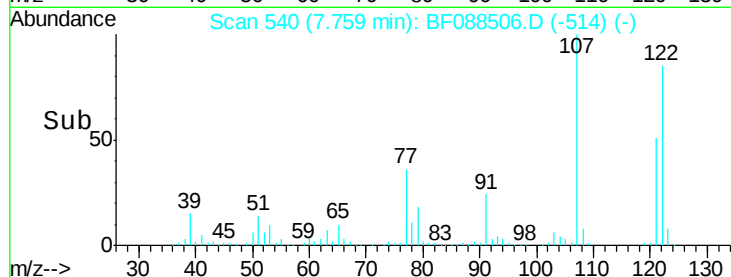
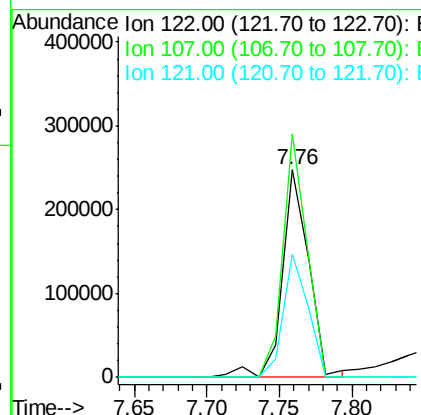
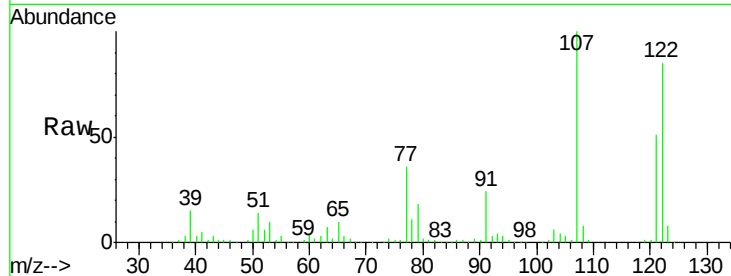




#27
 2,4-Dimethylphenol
 Concen: 34.86 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

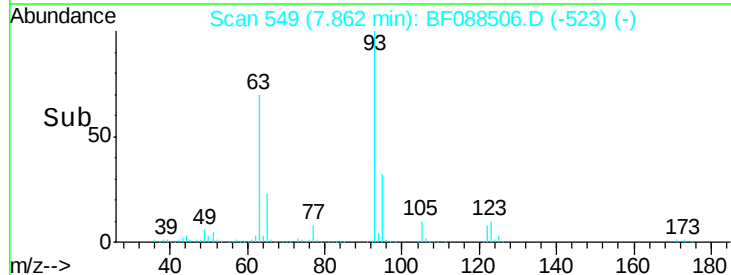
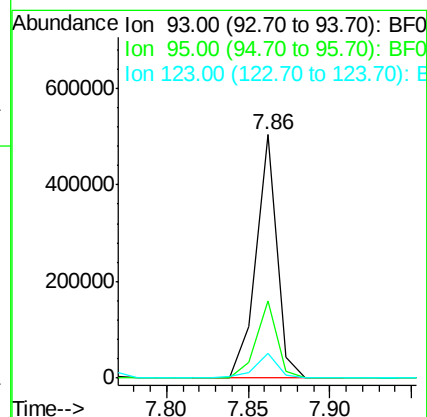
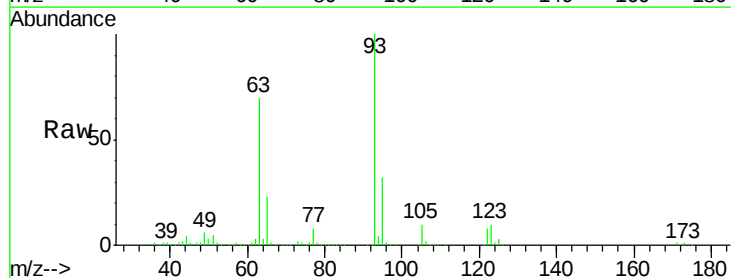
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

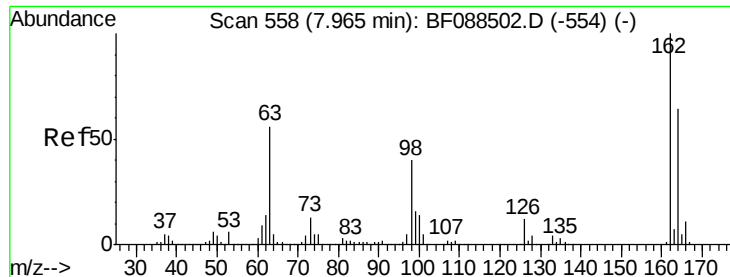
Tgt Ion:122 Resp: 311292
 Ion Ratio Lower Upper
 122 100
 107 117.5 94.1 141.1
 121 59.4 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.64 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion: 93 Resp: 449247
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.1 37.7
 123 9.9 7.8 11.6

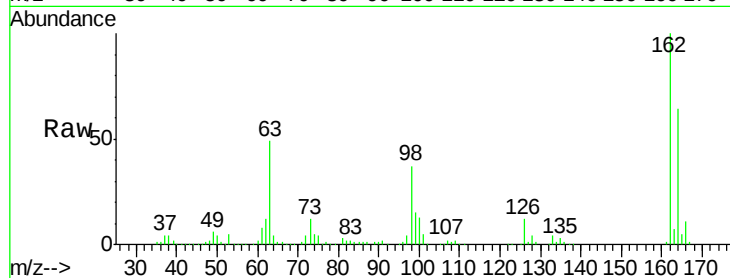




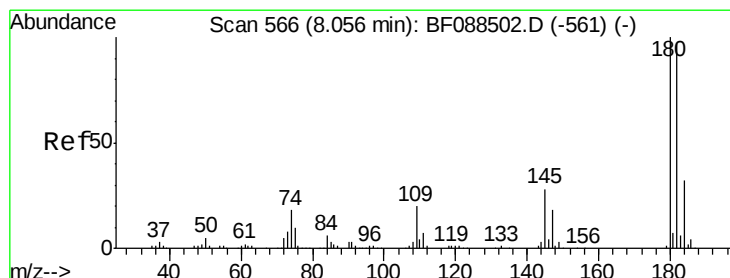
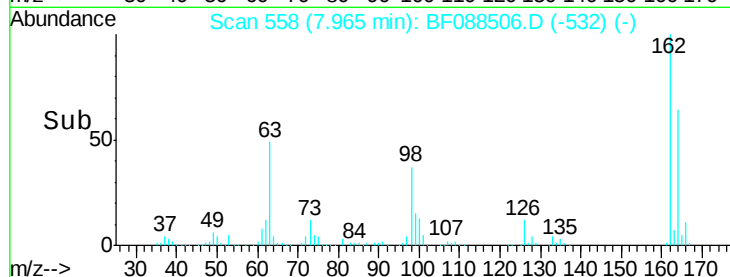
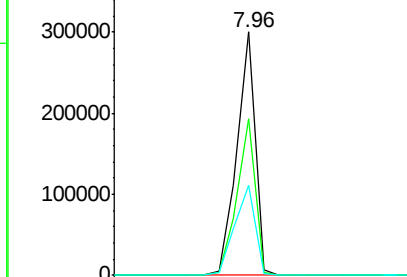
#29
 2,4-Dichlorophenol
 Concen: 40.50 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	37.0	20.5	60.5

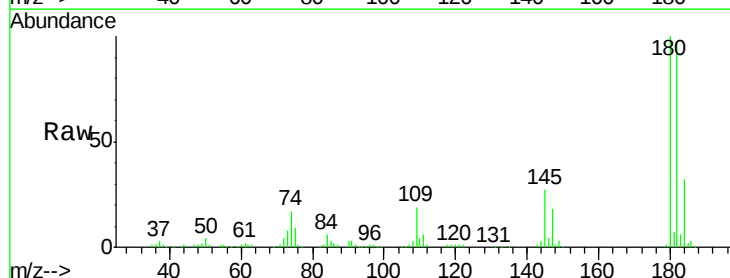


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

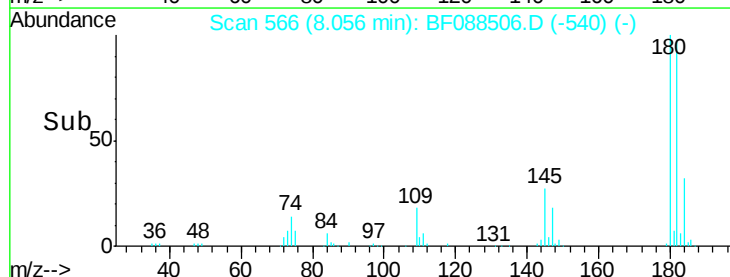
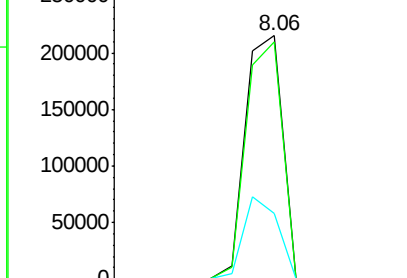


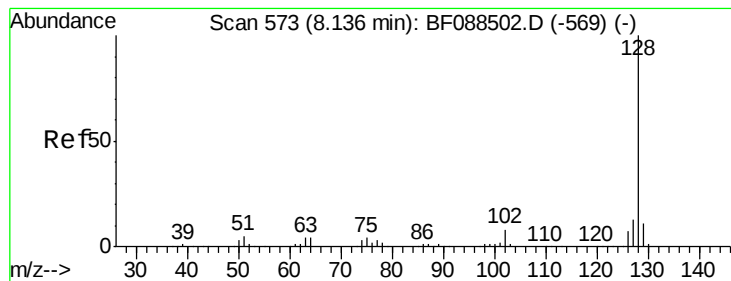
#30
 1,2,4-Trichlorobenzene
 Concen: 37.26 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.0
145	27.1	22.6	33.8



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: 37.11 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

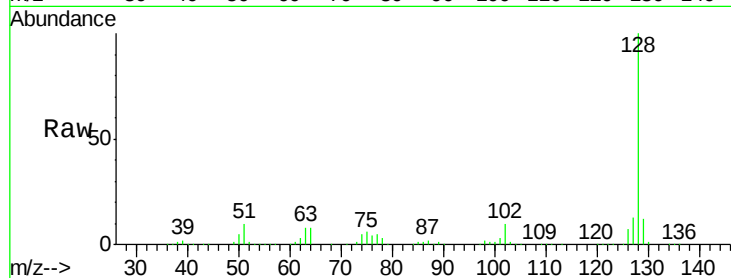
Tgt Ion:128 Resp: 973405

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

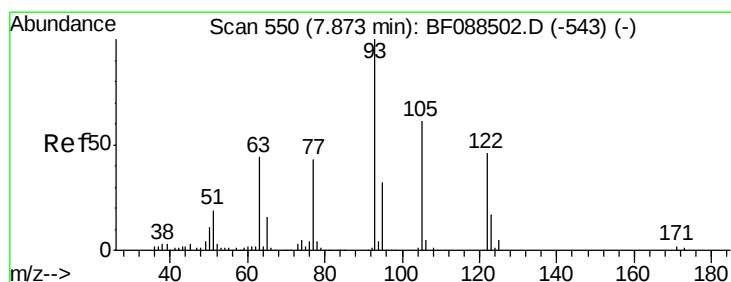
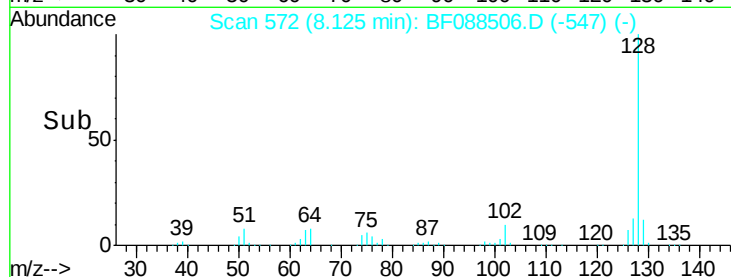
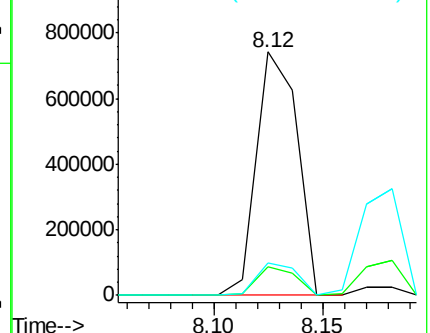
127 13.2 10.6 16.0



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: 31.32 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

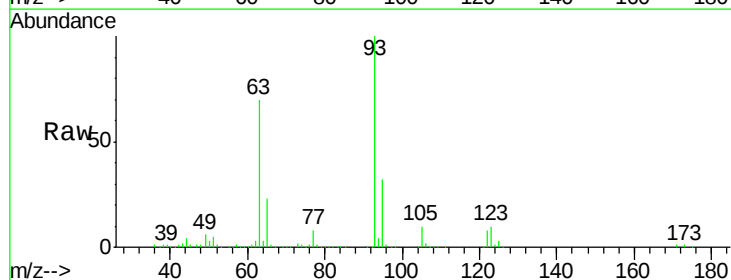
Tgt Ion:122 Resp: 117104

Ion Ratio Lower Upper

122 100

105 126.7 110.7 150.7

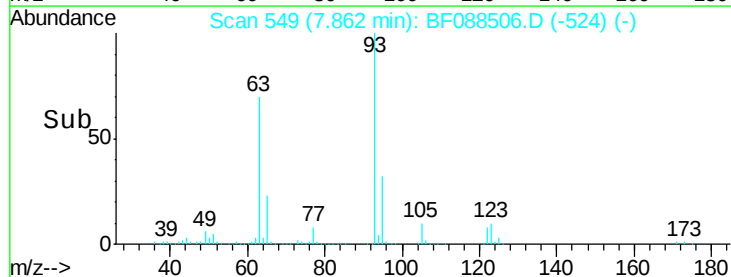
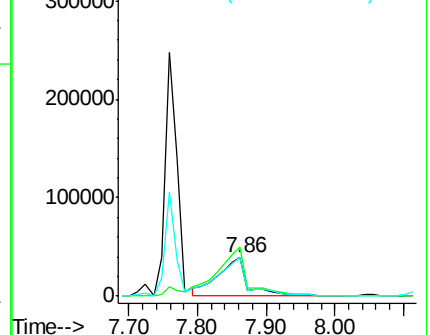
77 102.2 76.5 116.5

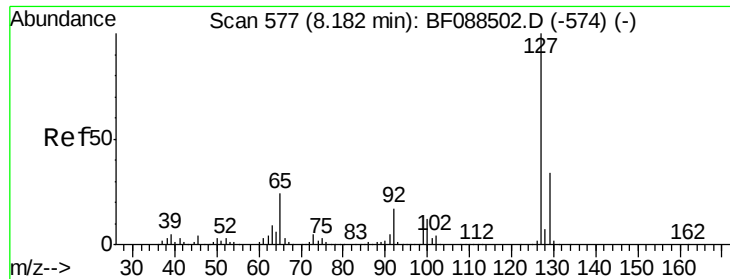


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

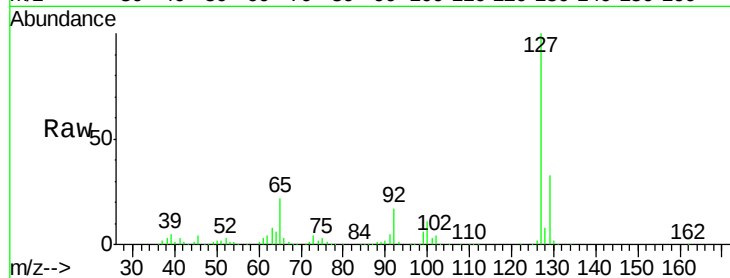




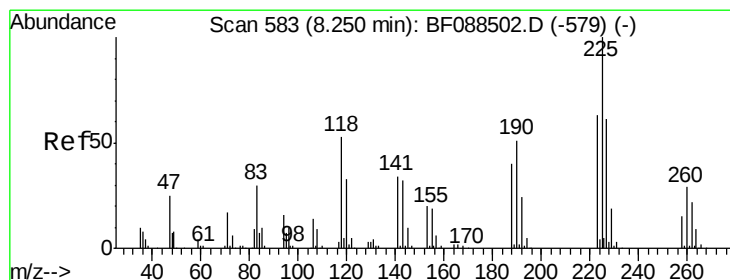
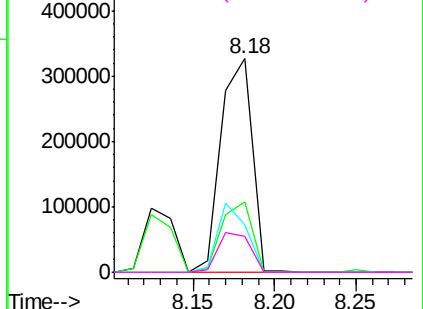
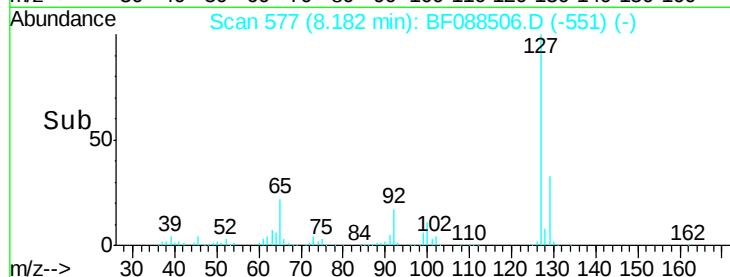
#33
4-Chloroaniline
Concen: 36.69 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tgt Ion:	127	Resp:	429542
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.9	40.3
65	22.1	19.4	29.2
92	16.6	14.0	21.0

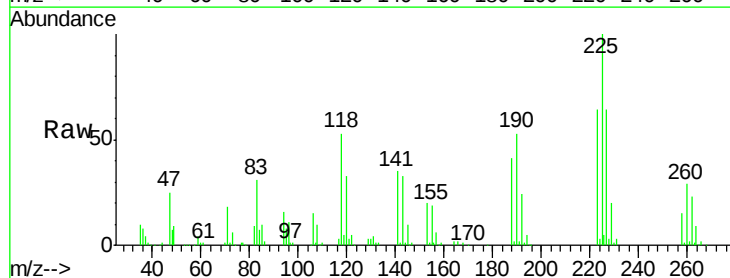


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

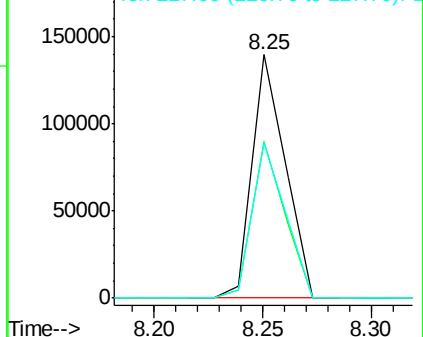
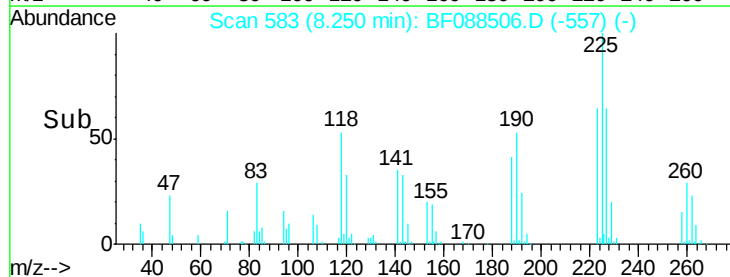


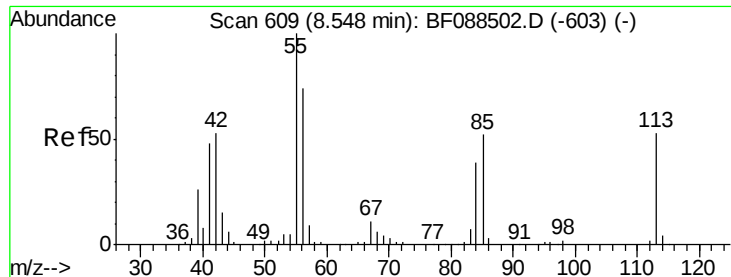
#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:	225	Resp:	148107
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	63.6	48.6	73.0



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

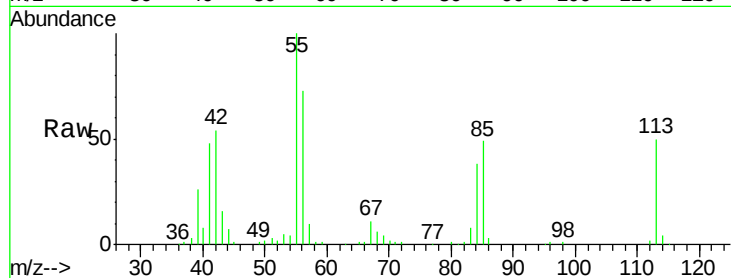




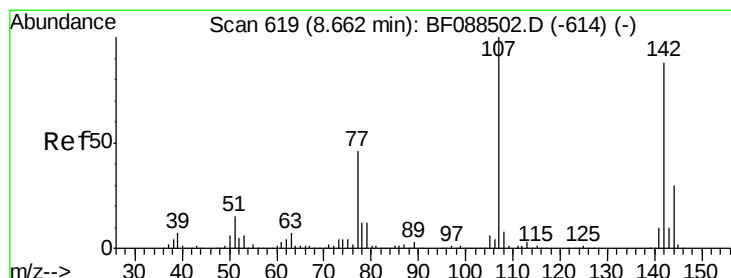
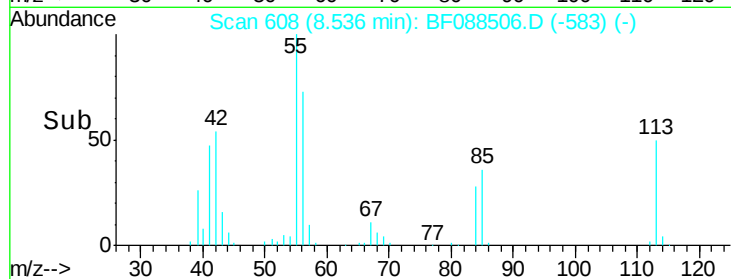
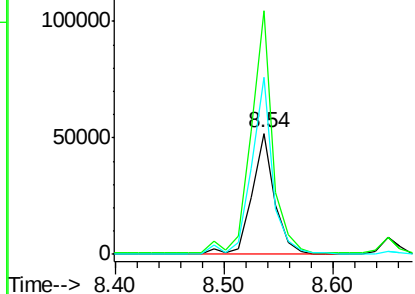
#35
 Caprolactam
 Concen: 34.19 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion:113 Resp: 75196
 Ion Ratio Lower Upper
 113 100
 55 201.1 170.2 210.2
 56 145.9 119.7 159.7

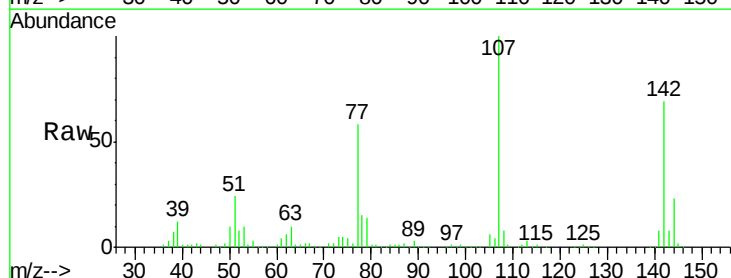


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

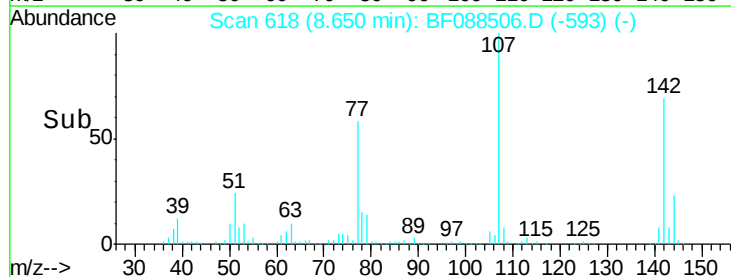
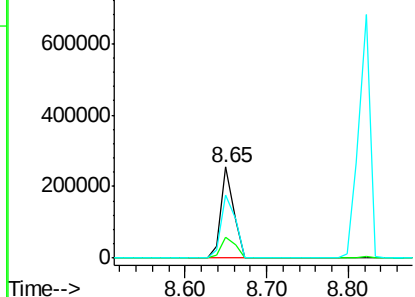


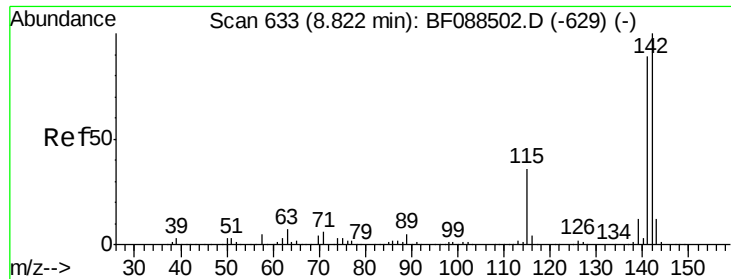
#36
 4-Chloro-3-methylphenol
 Concen: 34.42 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:107 Resp: 275170
 Ion Ratio Lower Upper
 107 100
 144 22.6 23.7 35.5#
 142 69.5 70.7 106.1#



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

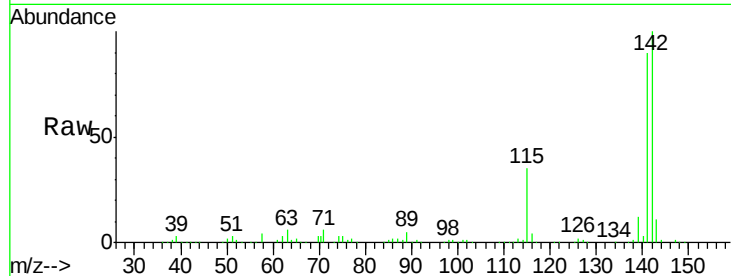




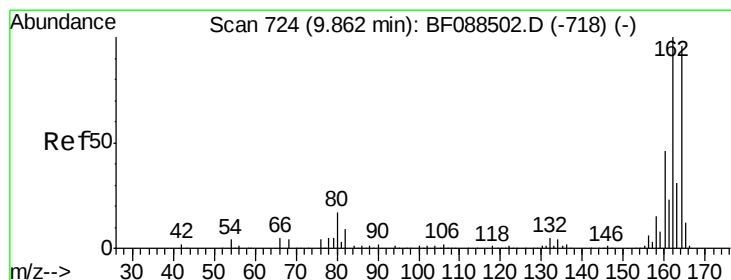
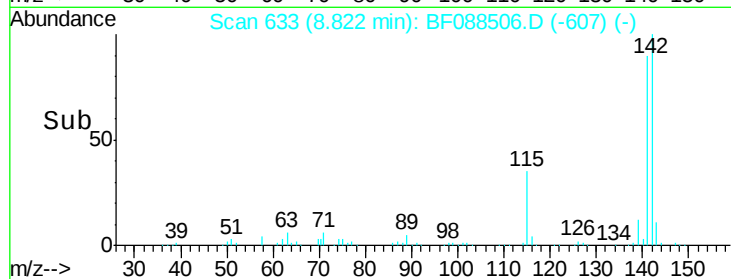
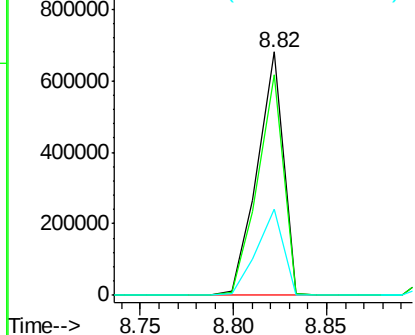
#37
2-Methylnaphthalene
Concen: 41.02 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tgt Ion:142 Resp: 661761
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.4
115 35.2 28.7 43.1

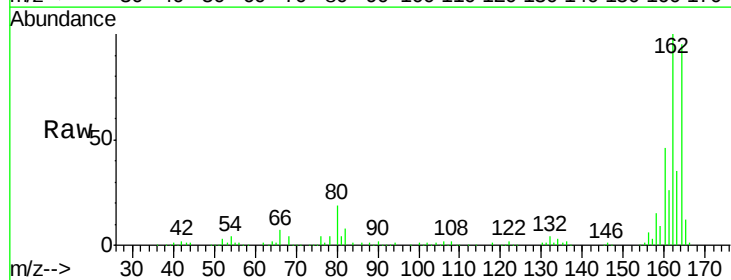


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

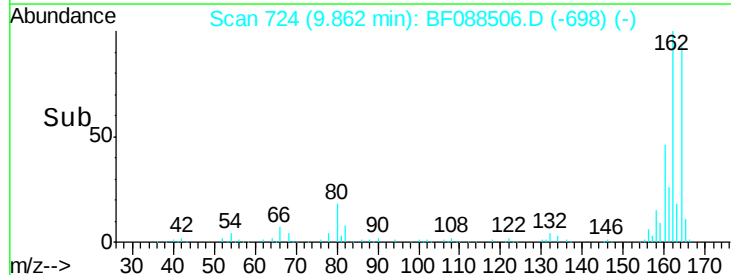
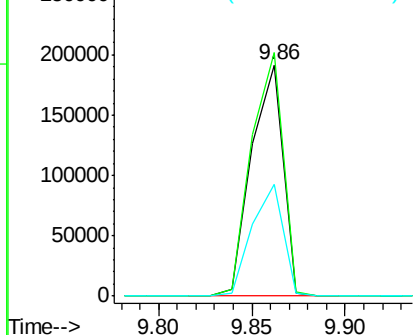


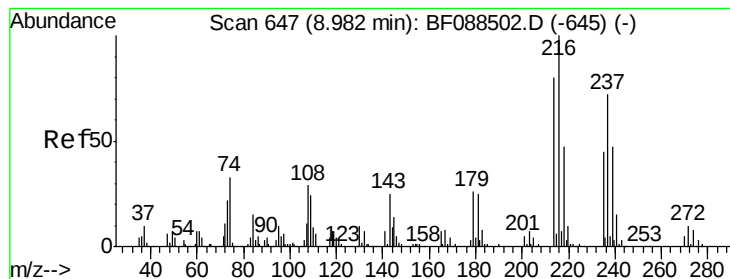
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:164 Resp: 223065
Ion Ratio Lower Upper
164 100
162 105.4 83.7 125.5
160 48.3 38.9 58.3



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: 38.48 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tgt Ion:216 Resp: 231033

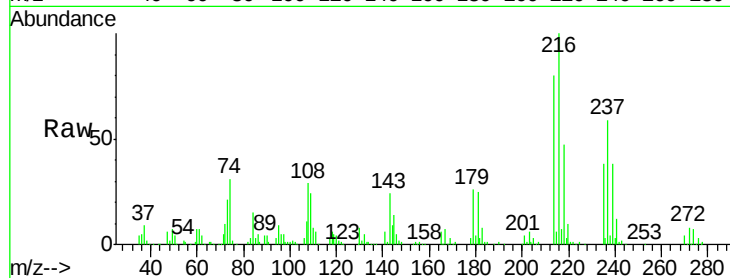
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 23.4 0.0 0.0#

108 25.6 0.0 0.0#

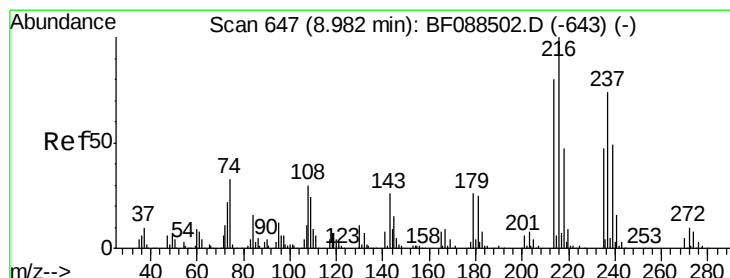
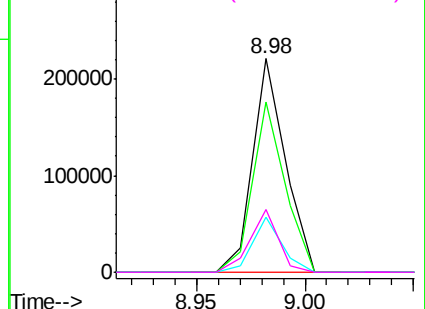
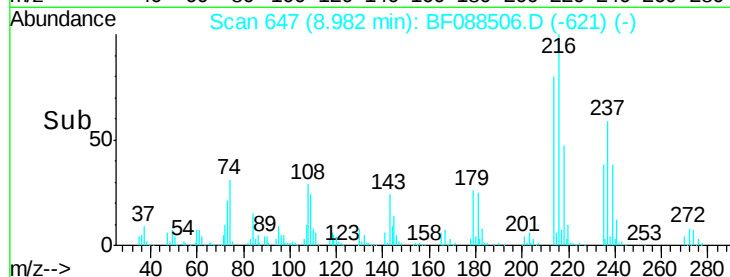


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.18 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

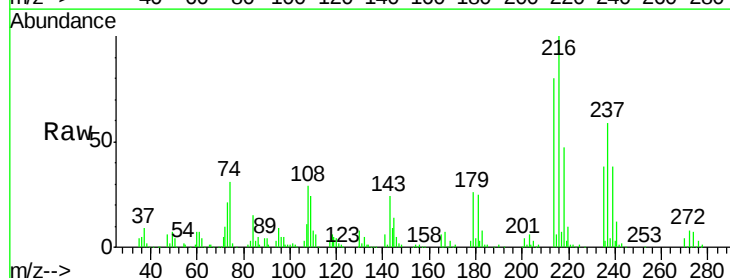
Tgt Ion:237 Resp: 147057

Ion Ratio Lower Upper

237 100

235 64.0 43.0 83.0

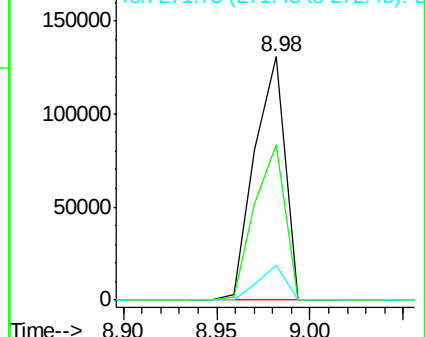
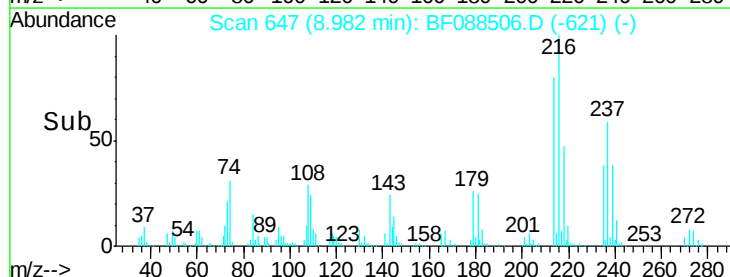
272 14.2 0.0 33.8

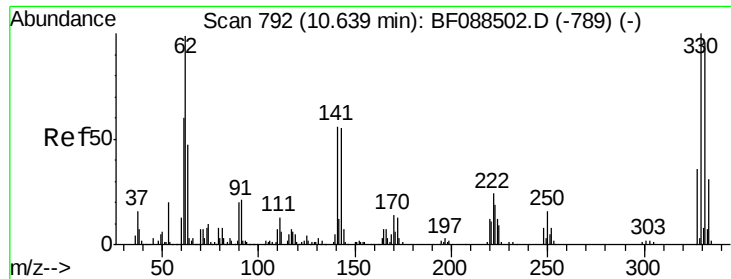


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

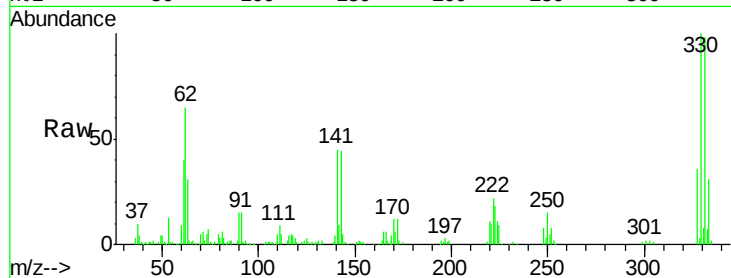




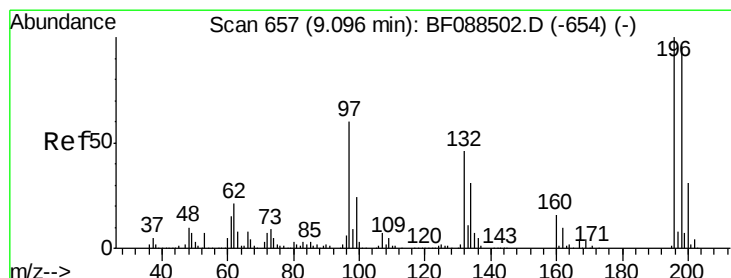
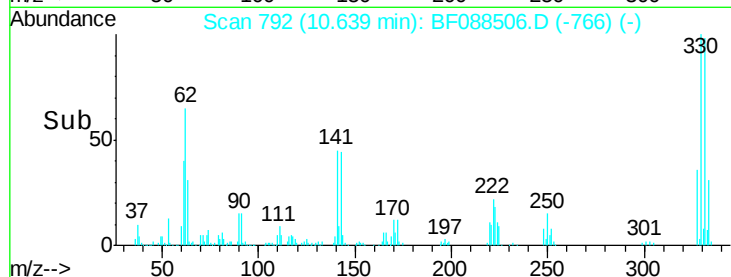
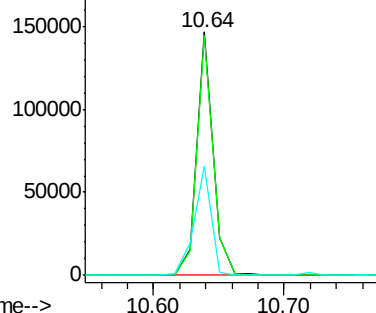
#41
 2,4,6-Tribromophenol
 Concen: 75.40 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	46.9	0.0	0.0#

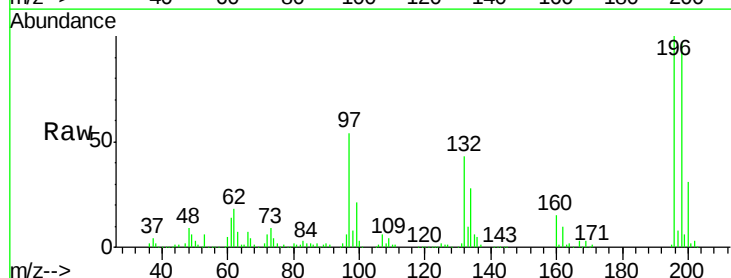


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

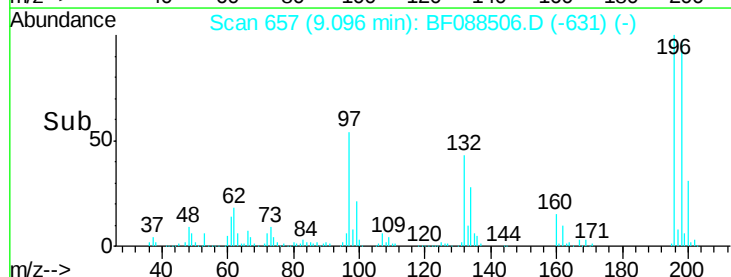
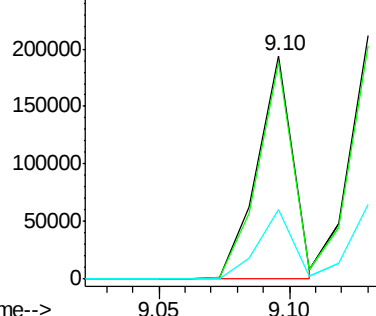


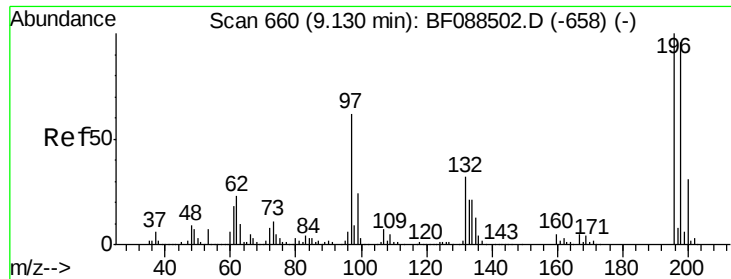
#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.9	115.3
200	30.9	24.6	36.8



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

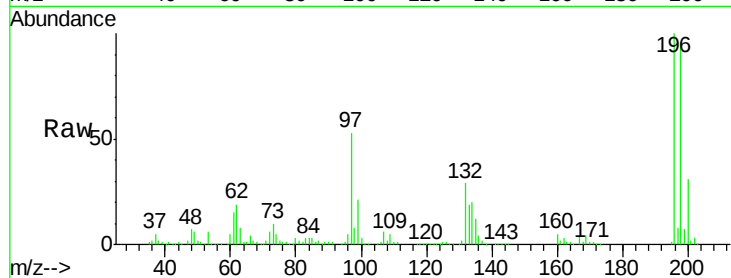




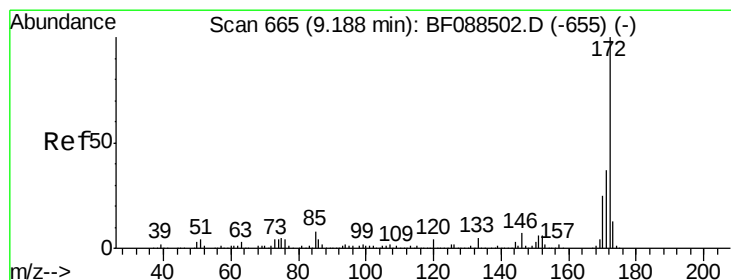
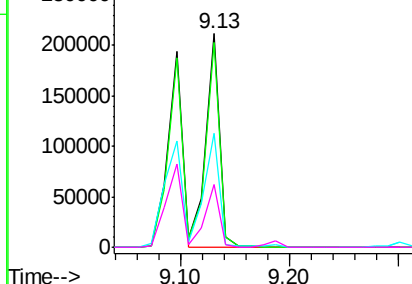
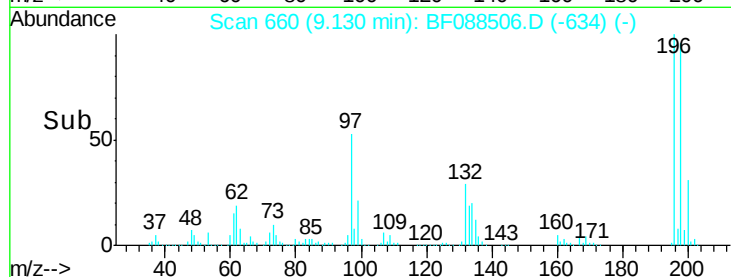
#43
 2,4,5-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion:196 Resp: 189106
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 115.0
 97 53.5 48.7 73.1
 132 29.5 25.5 38.3

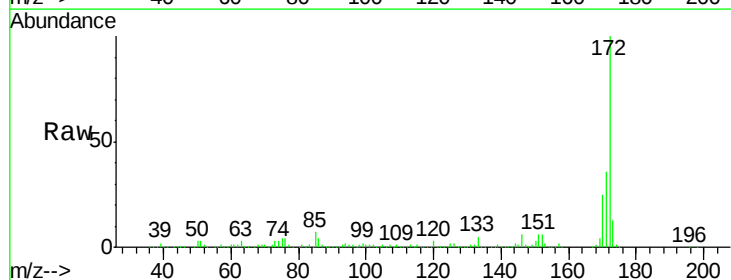


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

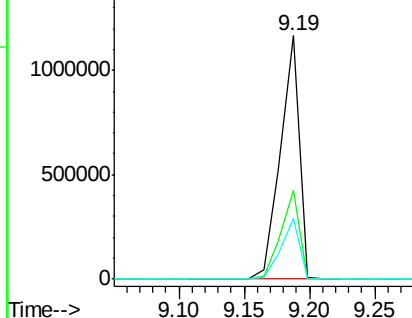
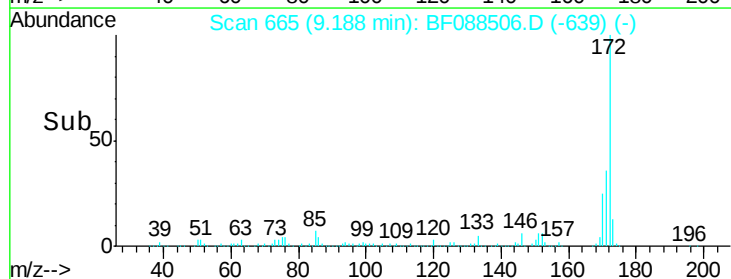


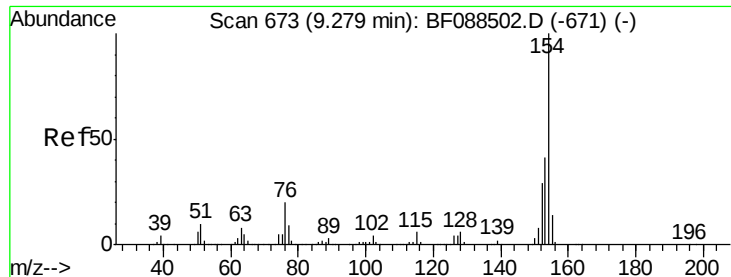
#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:172 Resp: 1191505
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.7 19.8 29.8



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

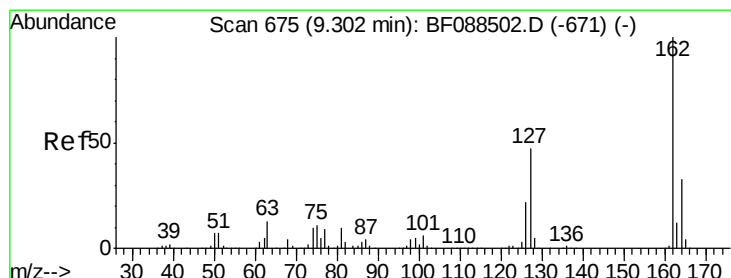
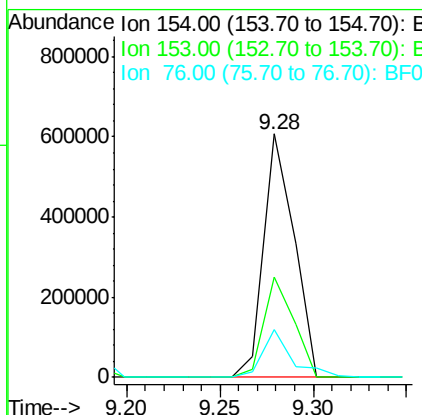
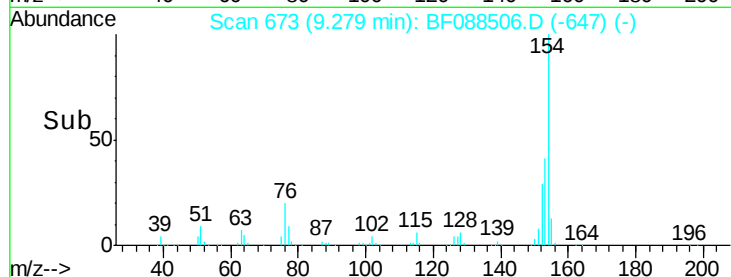
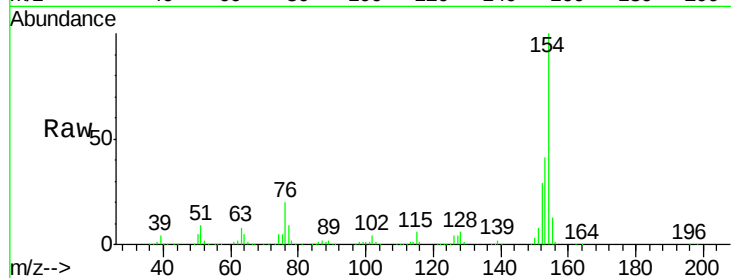




#45
 1,1'-Biphenyl
 Concen: 38.50 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

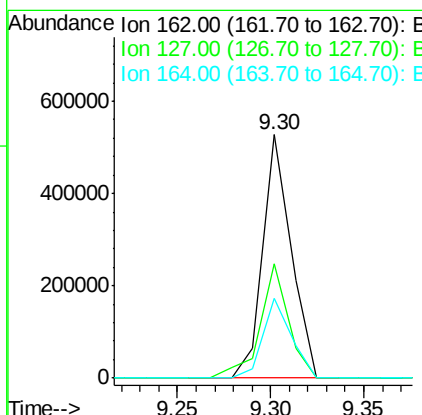
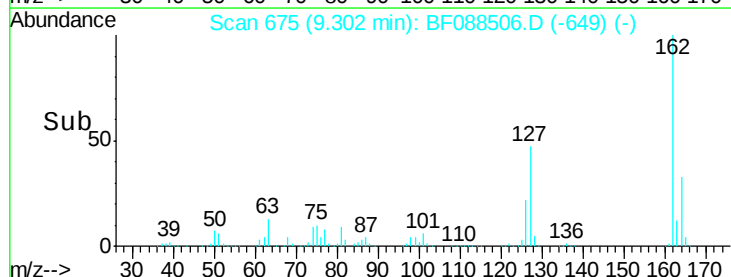
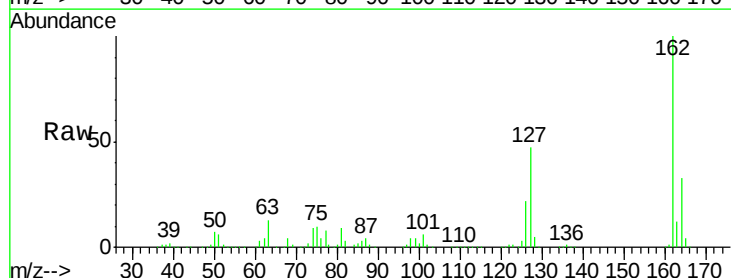
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

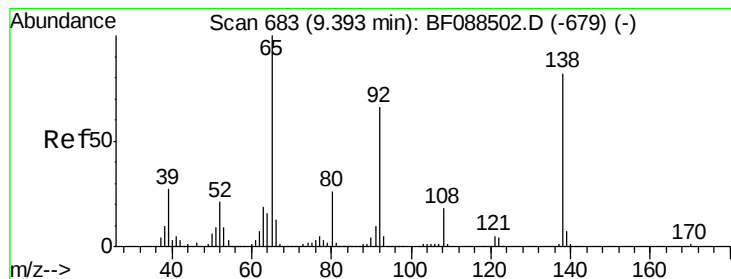
Tgt Ion:154 Resp: 681200
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.8 60.8
 76 19.7 0.0 39.9



#46
 2-Chloronaphthalene
 Concen: 39.39 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:162 Resp: 551789
 Ion Ratio Lower Upper
 162 100
 127 46.9 37.8 56.8
 164 32.9 26.5 39.7





#47

2-Nitroaniline

Concen: 38.17 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

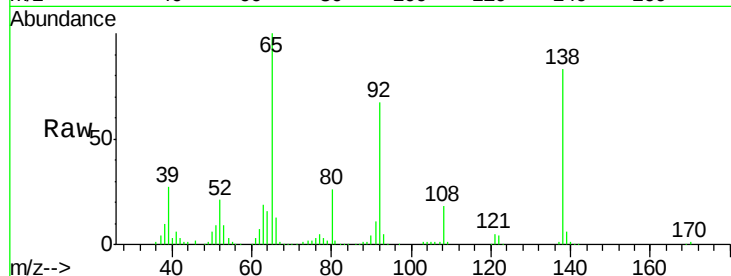
Tgt Ion: 65 Resp: 161654

Ion Ratio Lower Upper

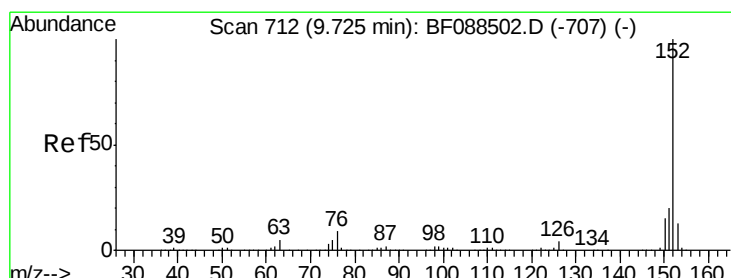
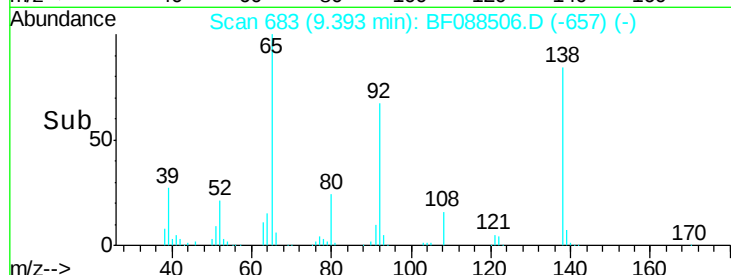
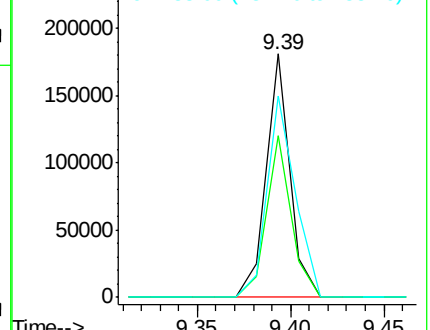
65 100

92 66.6 52.9 79.3

138 82.8 65.8 98.6



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



#48

Acenaphthylene

Concen: 38.10 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

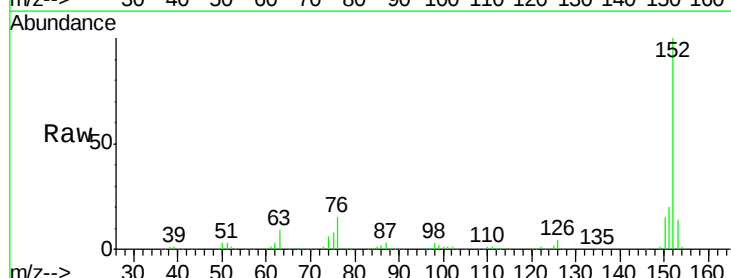
Tgt Ion: 152 Resp: 897168

Ion Ratio Lower Upper

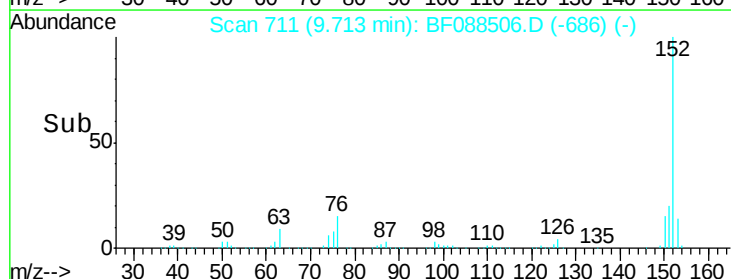
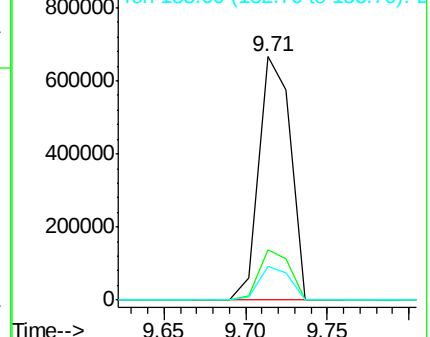
152 100

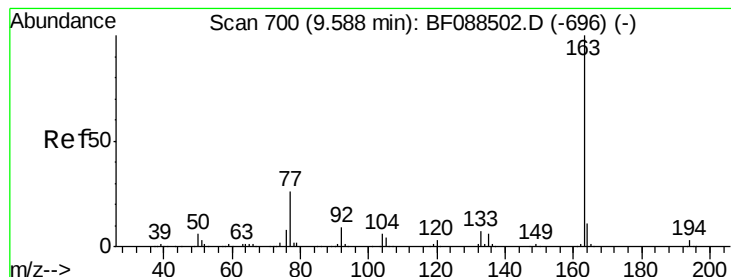
151 20.4 16.1 24.1

153 13.8 10.4 15.6



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





#49

Dimethylphthalate

Concen: 44.80 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

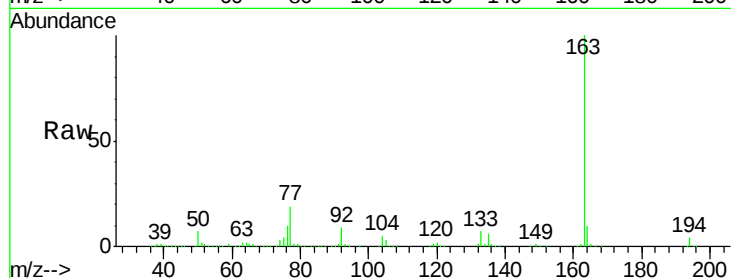
Tgt Ion:163 Resp: 677721

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

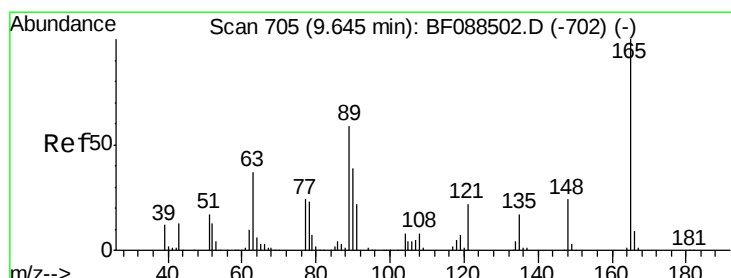
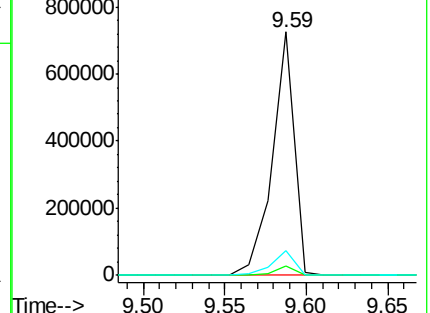
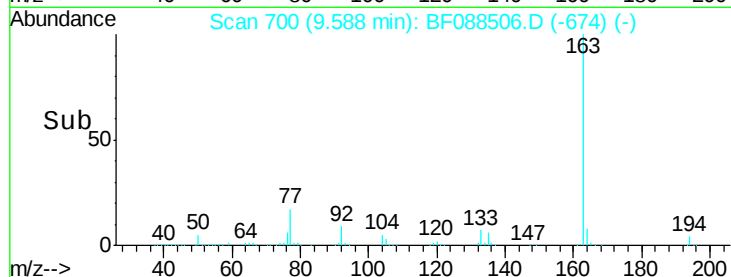
164 10.2 8.5 12.7



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: 43.67 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

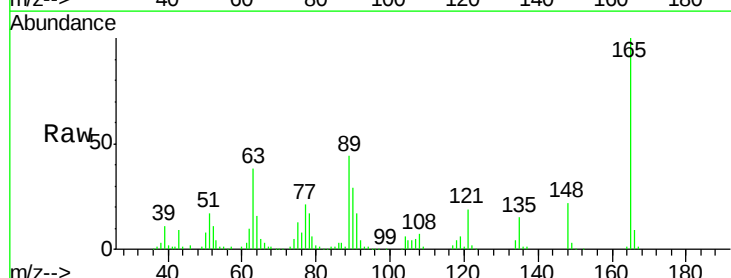
Tgt Ion:165 Resp: 146403

Ion Ratio Lower Upper

165 100

63 38.1 45.0 67.4#

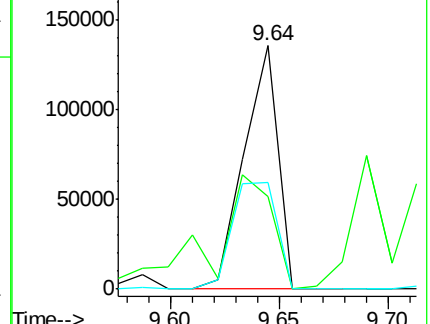
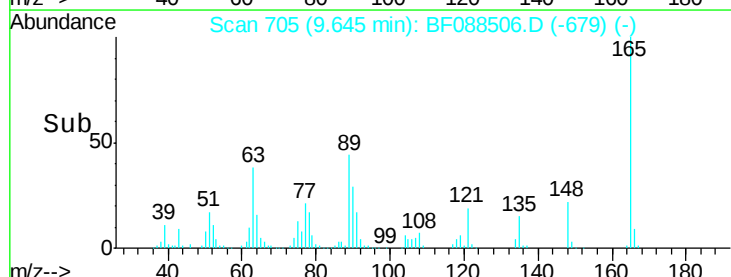
89 43.6 47.8 71.6#

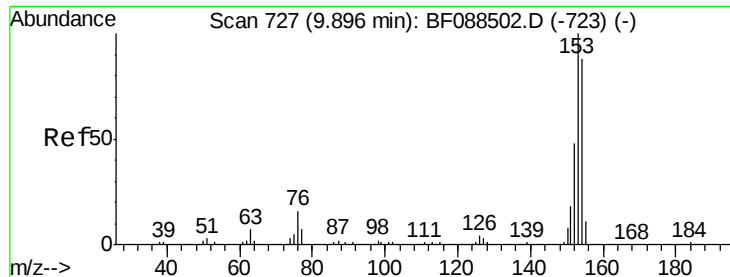


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.66 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

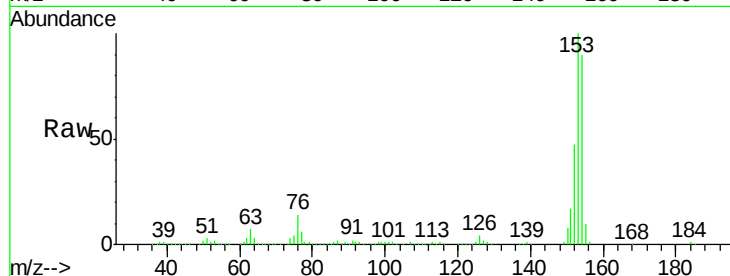
Tgt Ion:154 Resp: 535887

Ion Ratio Lower Upper

154 100

153 110.7 91.0 136.6

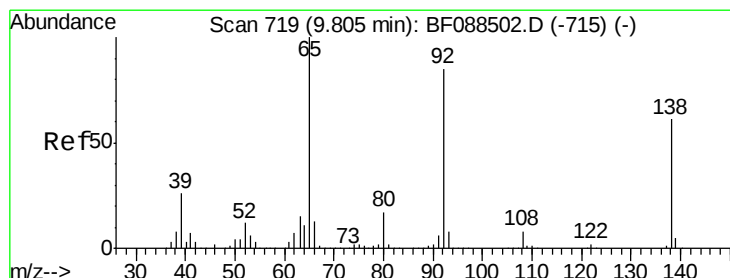
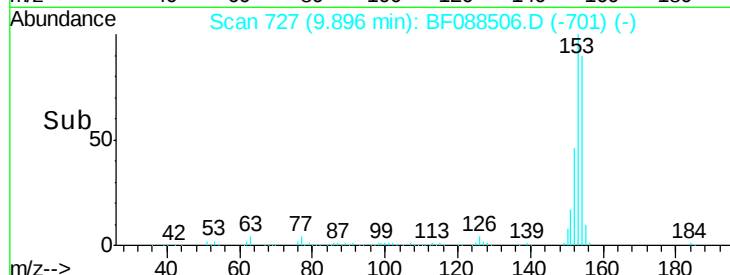
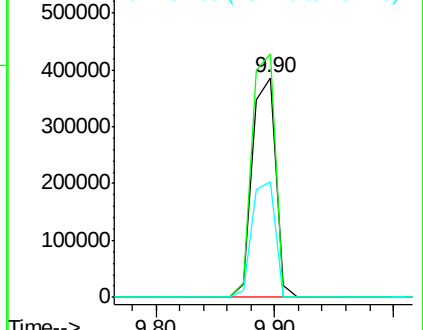
152 52.4 43.9 65.9



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: 37.42 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

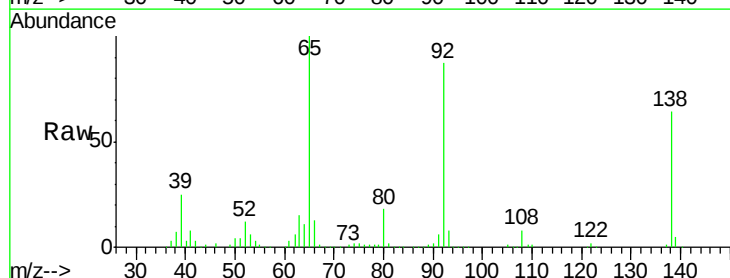
Tgt Ion:138 Resp: 142714

Ion Ratio Lower Upper

138 100

108 12.4 10.2 15.4

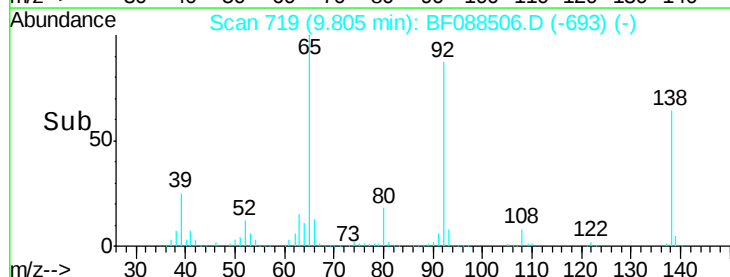
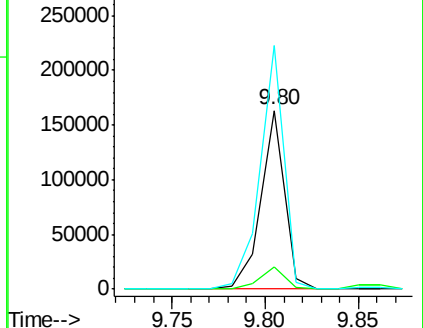
92 136.1 111.6 167.4

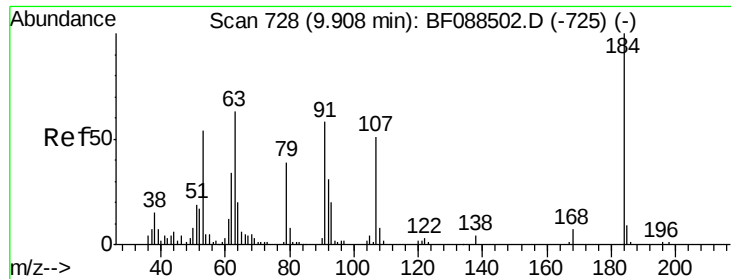


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

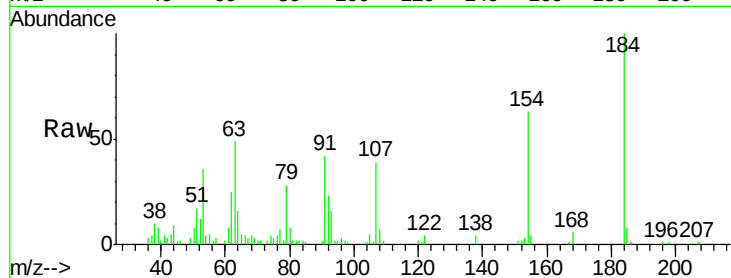




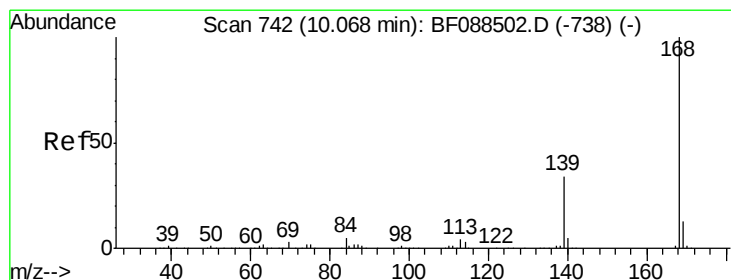
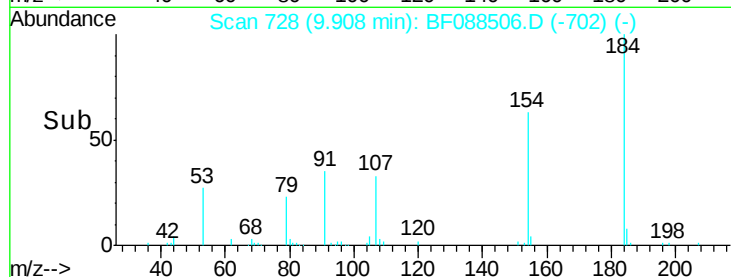
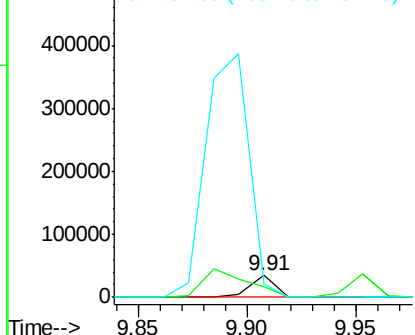
#53
2,4-Dinitrophenol
Concen: 52.74 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tgt Ion:184 Resp: 28170
Ion Ratio Lower Upper
184 100
63 49.5 60.0 90.0#
154 62.5 56.1 84.1

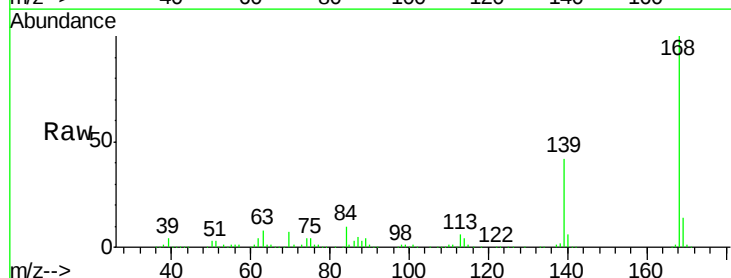


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

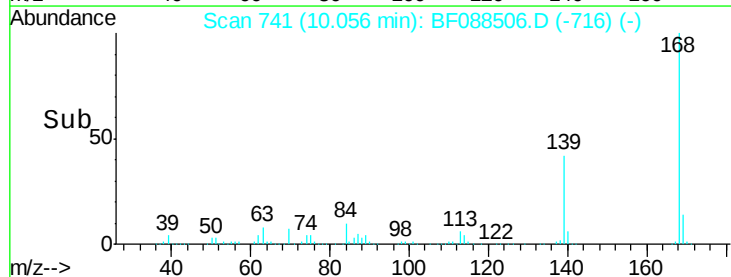
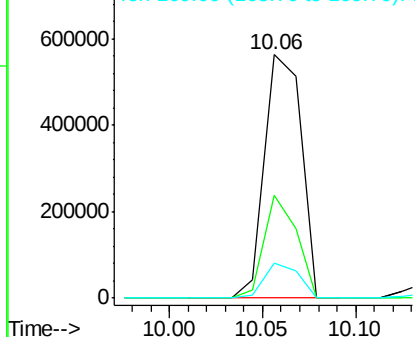


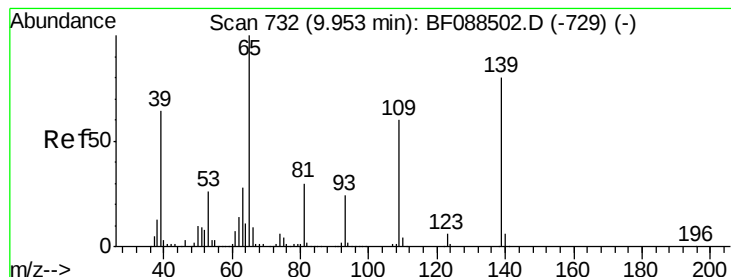
#54
Dibenzofuran
Concen: 37.57 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:168 Resp: 768666
Ion Ratio Lower Upper
168 100
139 42.3 27.1 40.7#
169 14.2 10.6 16.0



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: 37.26 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

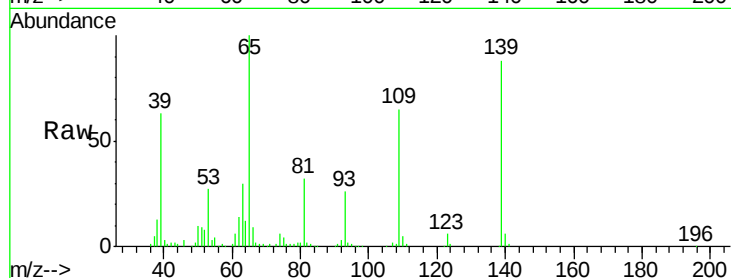
Tgt Ion:139 Resp: 97316

Ion Ratio Lower Upper

139 100

109 74.5 56.1 96.1

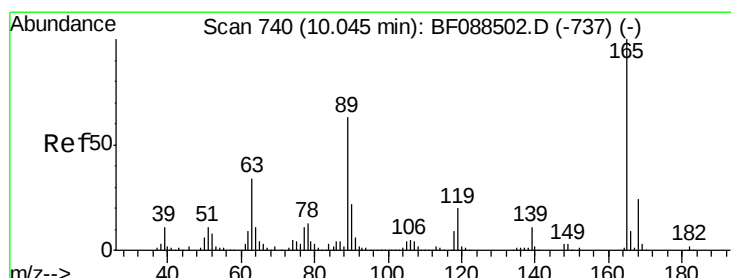
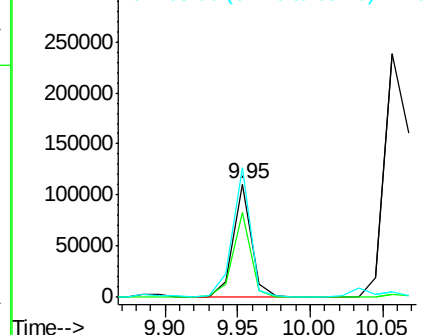
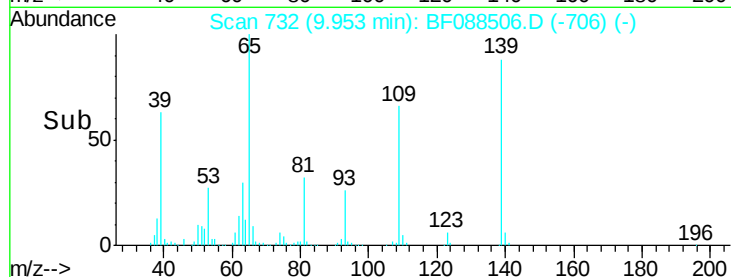
65 113.8 105.9 145.9



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: 38.69 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:165 Resp: 162243

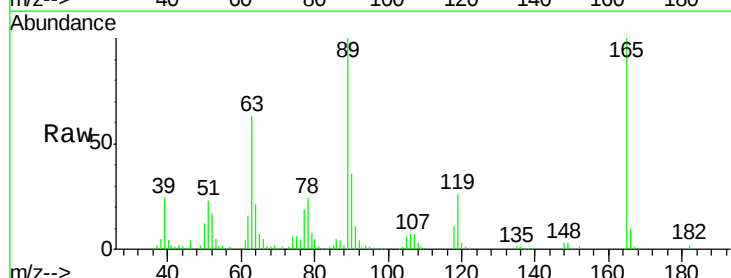
Ion Ratio Lower Upper

165 100

63 62.9 27.3 40.9#

89 100.1 50.4 75.6#

182 2.1 2.0 3.0

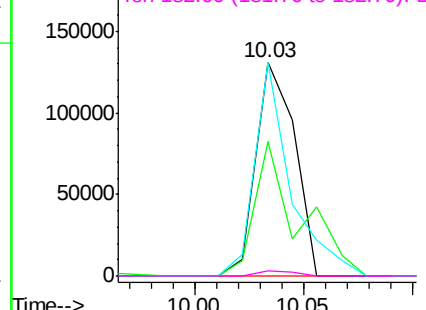
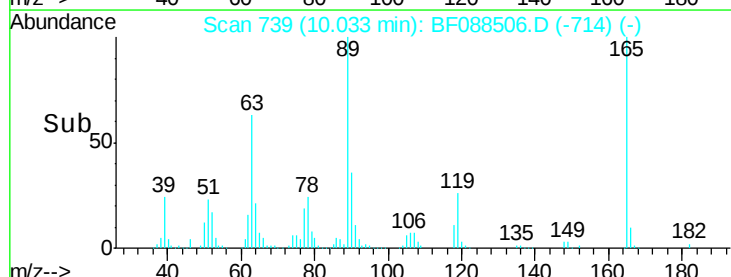


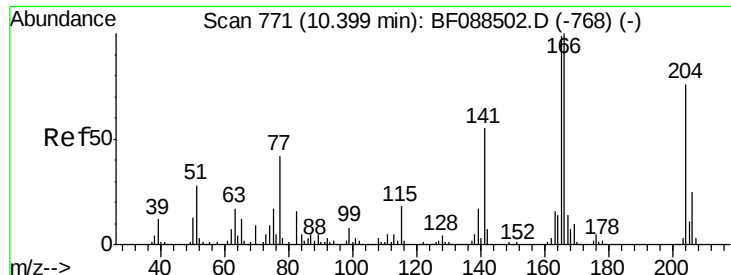
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.38 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

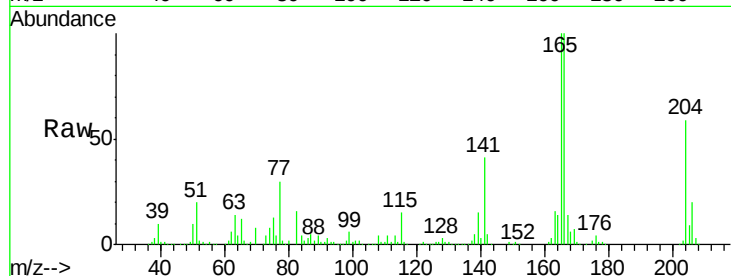
Tgt Ion:166 Resp: 502631

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

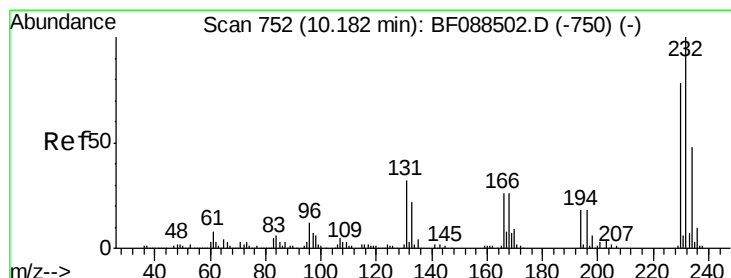
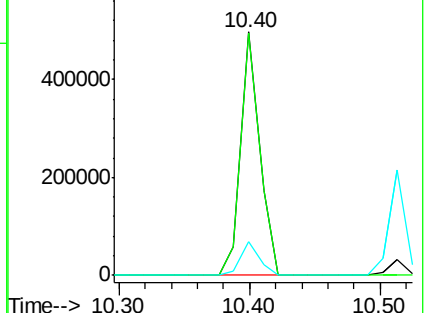
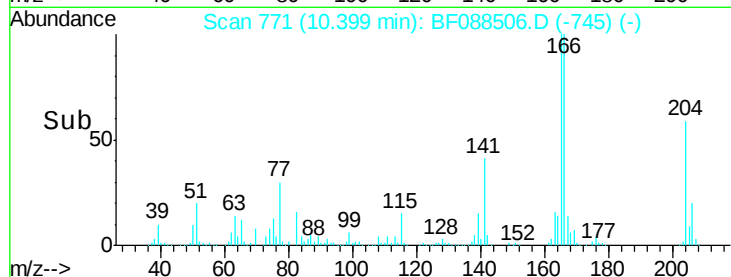
167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.80 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:232 Resp: 123138

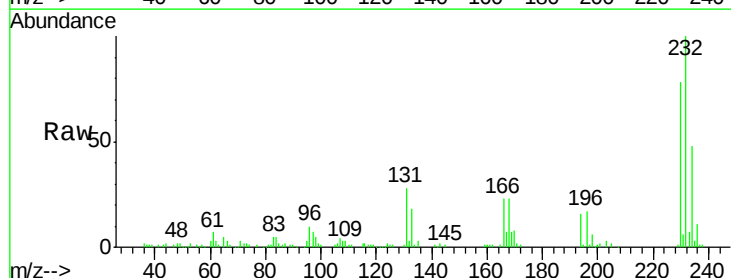
Ion Ratio Lower Upper

232 100

131 54.2 40.1 60.1

130 2.6 2.2 3.4

166 34.5 24.4 36.6

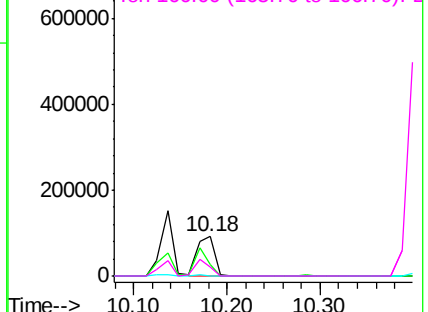
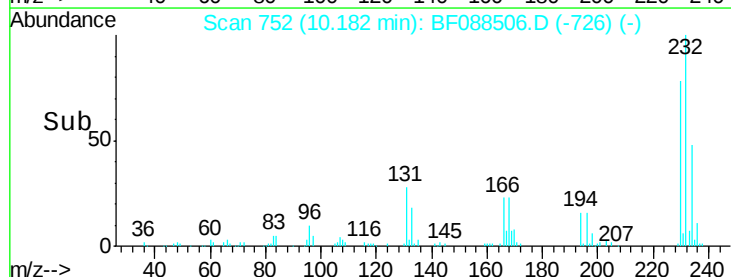


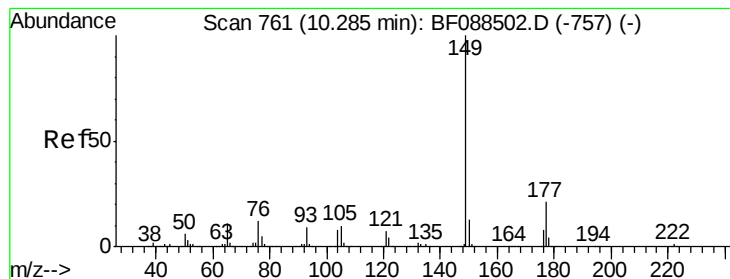
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.41 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

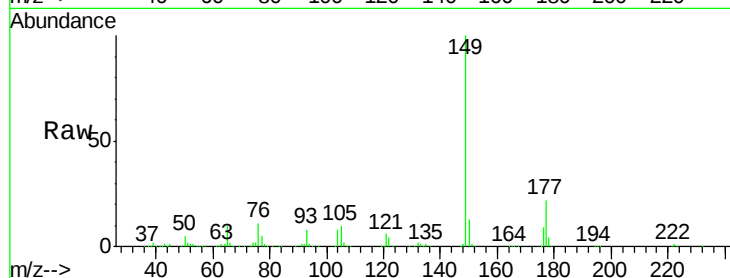
Tgt Ion:149 Resp: 628700

Ion Ratio Lower Upper

149 100

177 21.9 16.8 25.2

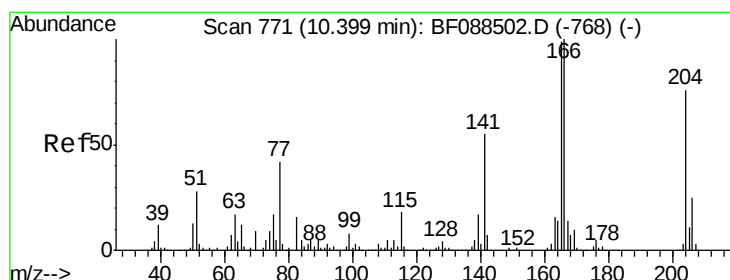
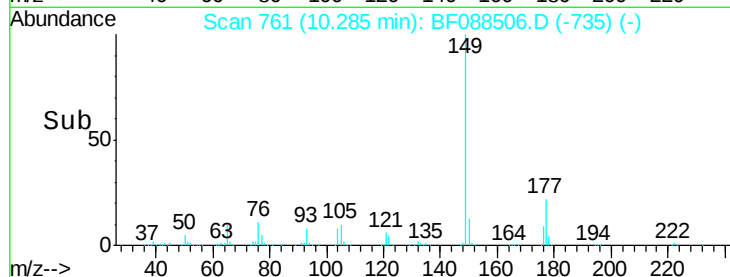
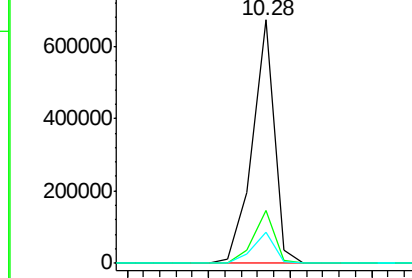
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.29 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

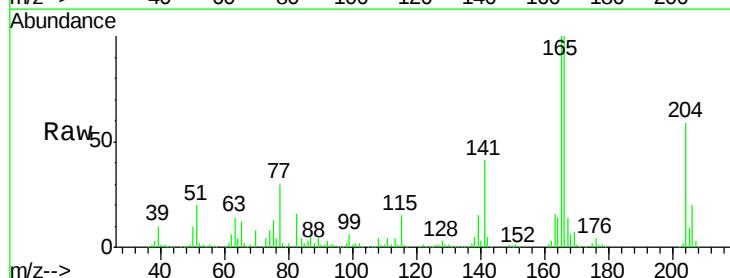
Tgt Ion:204 Resp: 247941

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.4

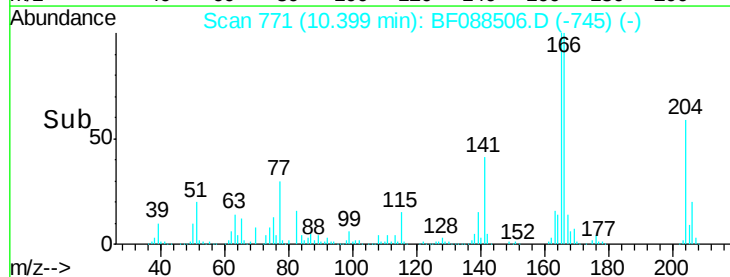
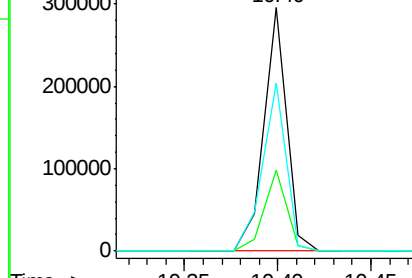
141 69.2 58.4 87.6

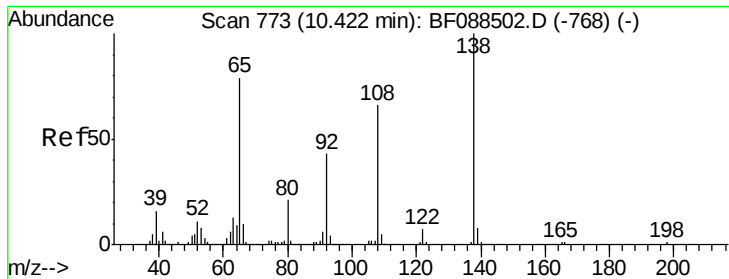


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.08 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

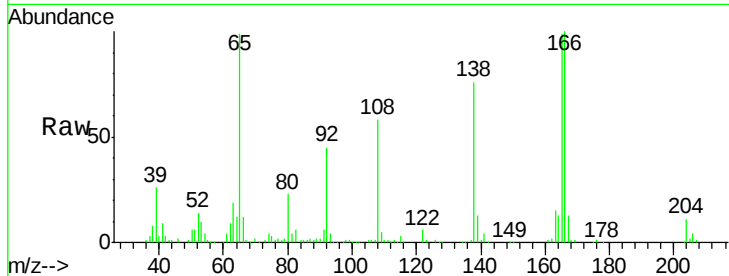
Tgt Ion:138 Resp: 119796

Ion Ratio Lower Upper

138 100

92 59.5 23.4 63.4

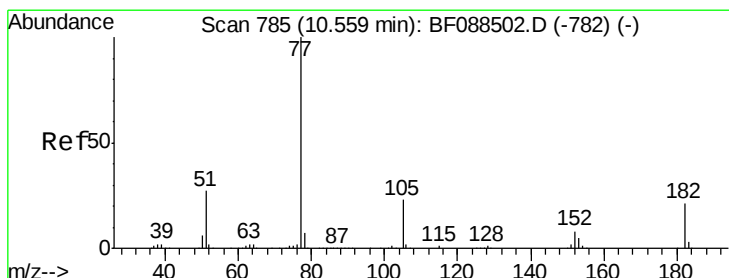
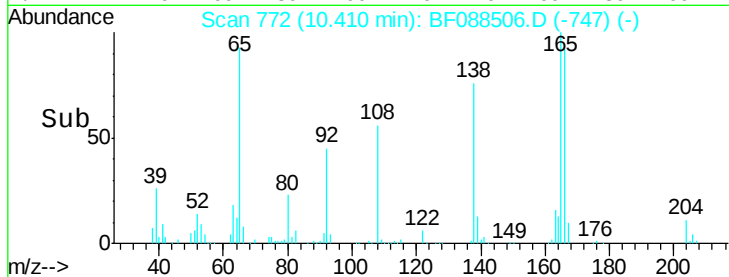
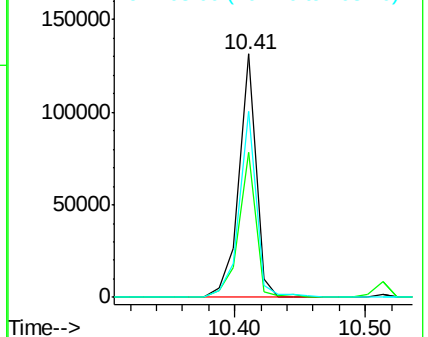
108 76.5 45.9 85.9



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: 40.46 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion: 77 Resp: 839694

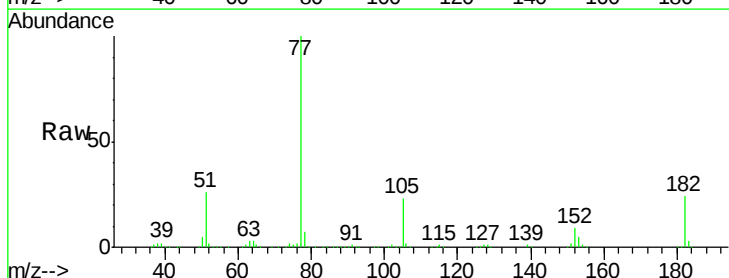
Ion Ratio Lower Upper

77 100

182 23.8 0.6 40.6

105 23.1 2.3 42.3

51 25.9 8.0 48.0

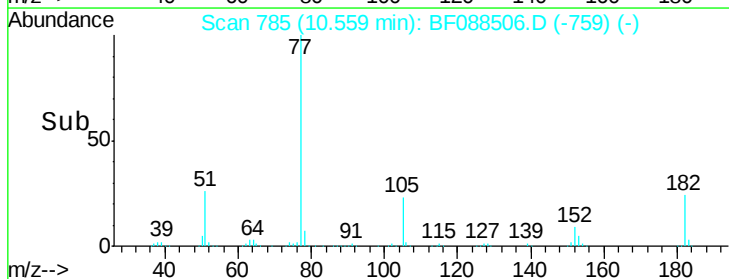
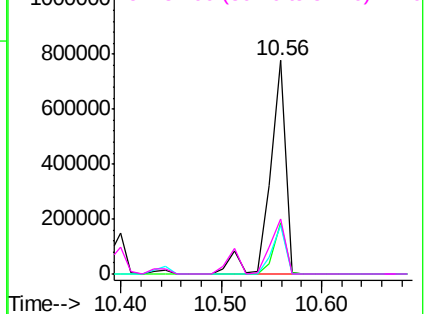


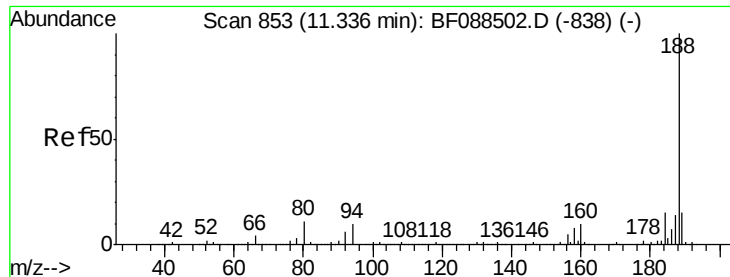
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

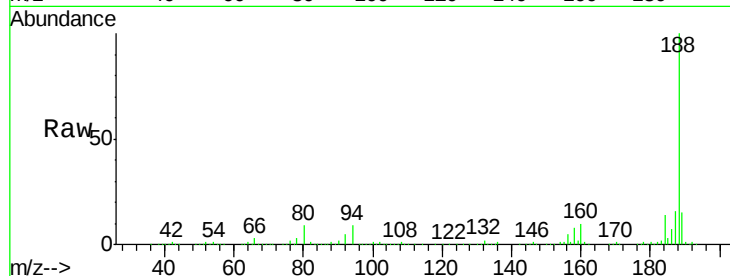




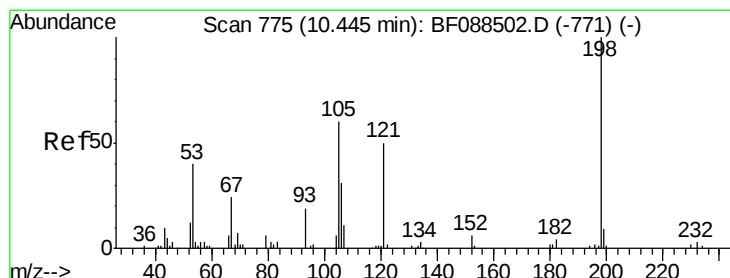
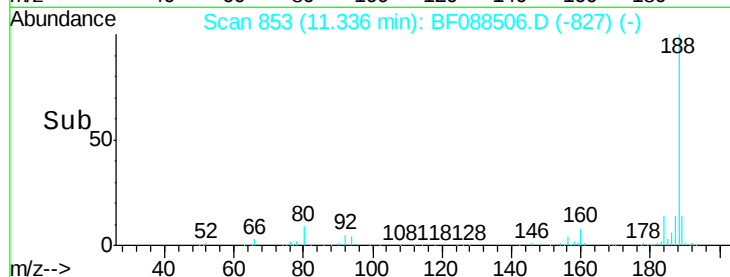
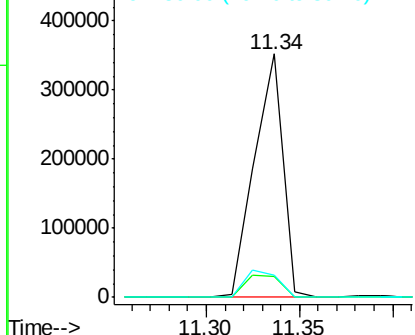
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tgt Ion:188 Resp: 376984
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.8
80 9.2 8.7 13.1

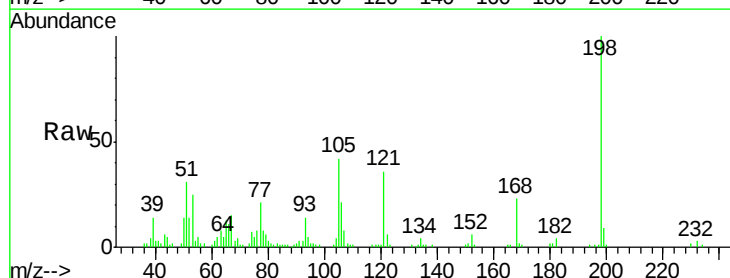


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

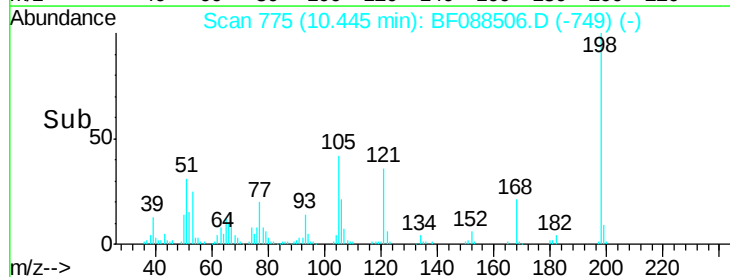
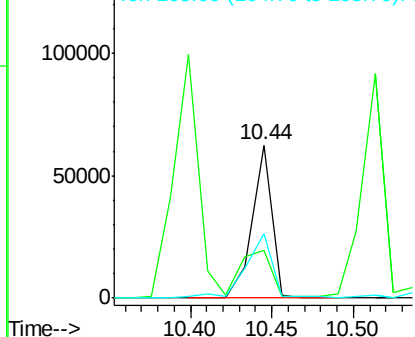


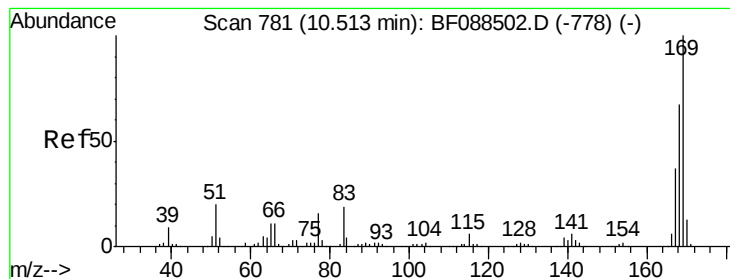
#64
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:198 Resp: 53112
Ion Ratio Lower Upper
198 100
51 31.2 42.4 82.4#
105 42.0 41.2 81.2



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

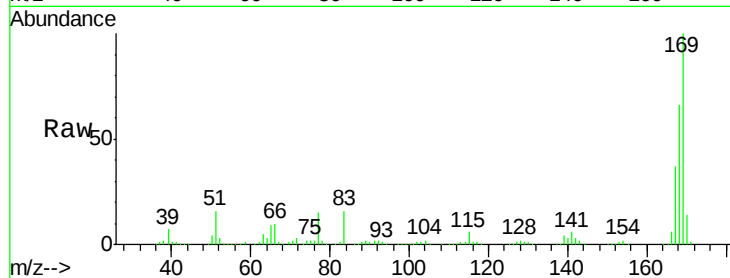




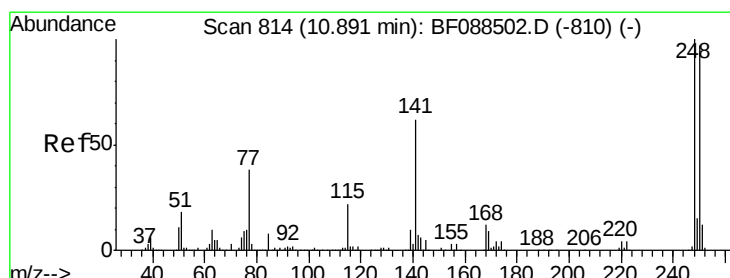
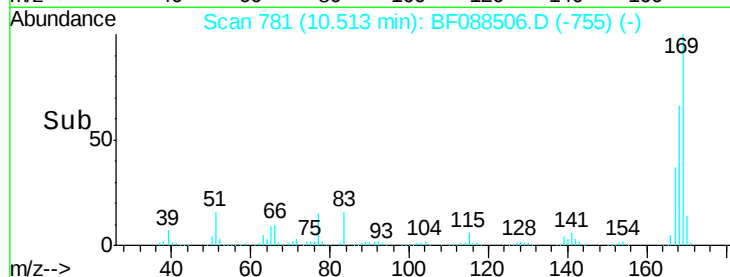
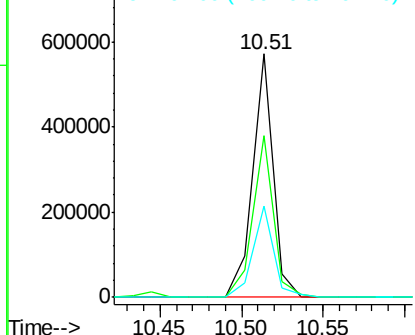
#65
 n-Nitrosodiphenylamine
 Concen: 37.02 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion:169 Resp: 499711
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.3 79.9
 167 37.4 29.7 44.5

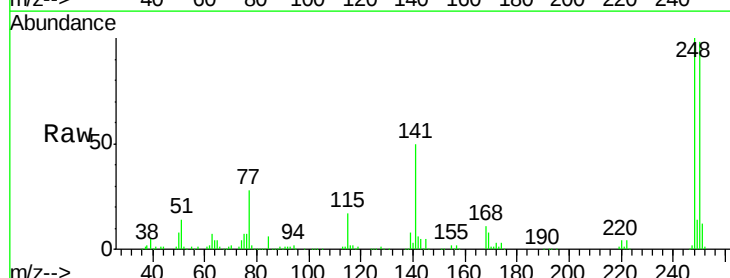


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

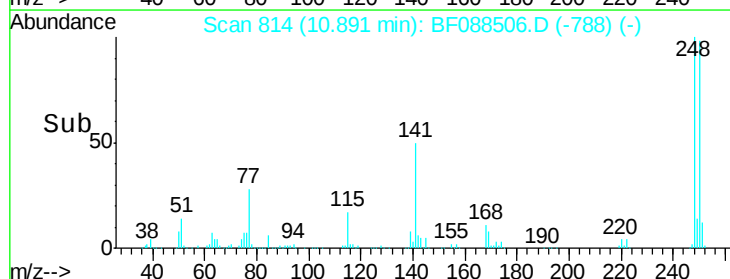
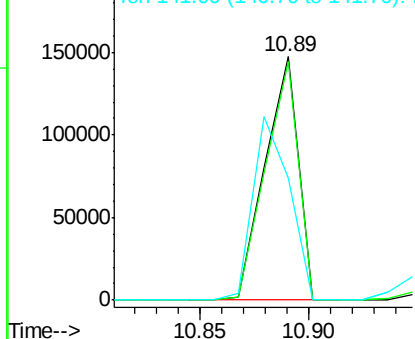


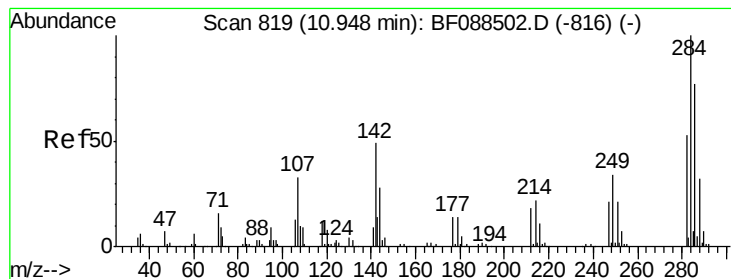
#66
 4-Bromophenyl-phenylether
 Concen: 38.73 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:248 Resp: 157940
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.7 116.5
 141 50.2 49.2 73.8



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





#67

Hexachlorobenzene

Concen: 39.25 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

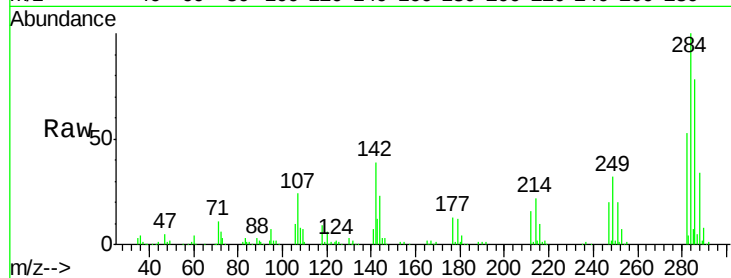
Tgt Ion:284 Resp: 162751

Ion Ratio Lower Upper

284 100

142 38.9 39.0 58.4#

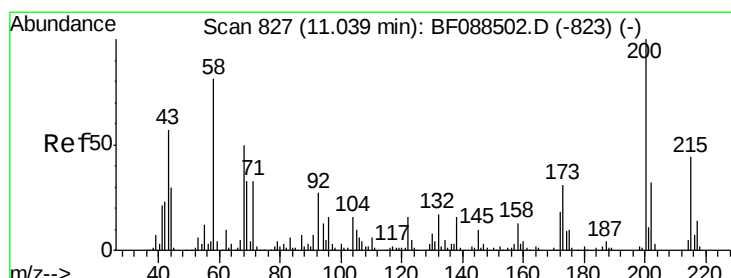
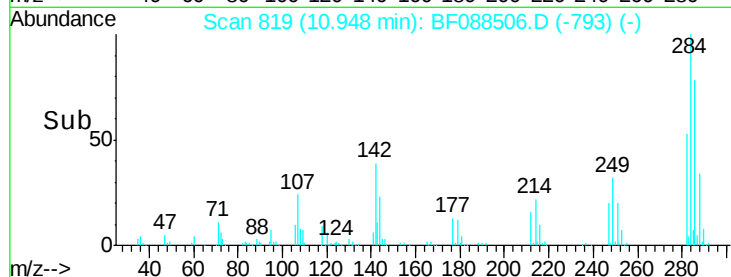
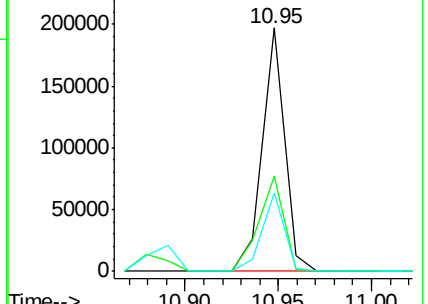
249 32.5 27.0 40.4



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: 34.30 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

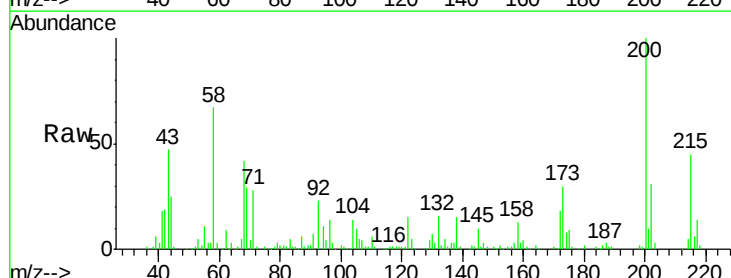
Tgt Ion:200 Resp: 133785

Ion Ratio Lower Upper

200 100

173 30.0 11.0 51.0

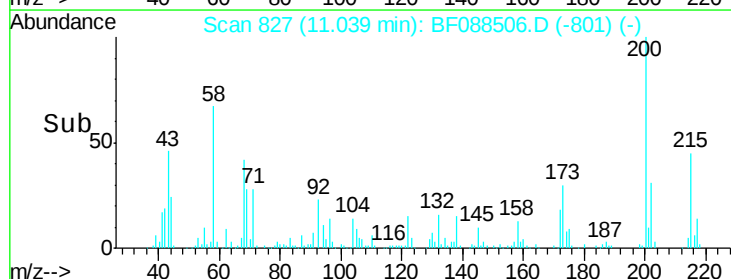
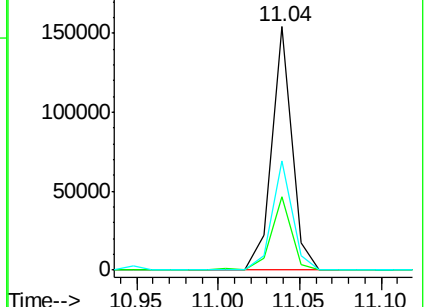
215 44.7 24.1 64.1

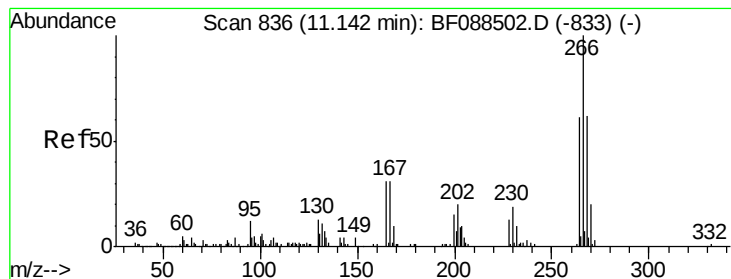


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.34 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

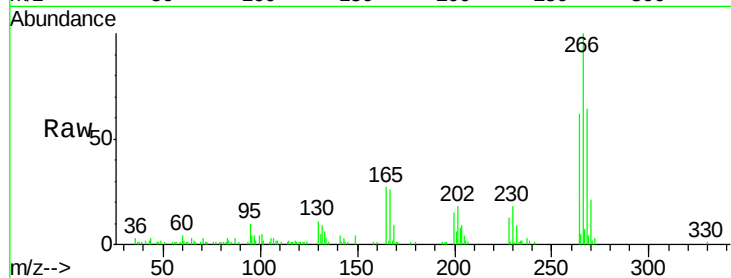
Tgt Ion:266 Resp: 76838

Ion Ratio Lower Upper

266 100

268 63.8 49.4 74.2

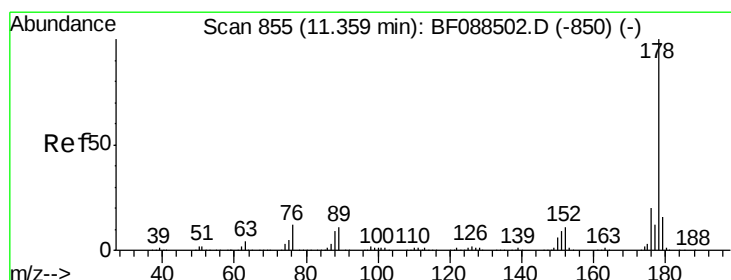
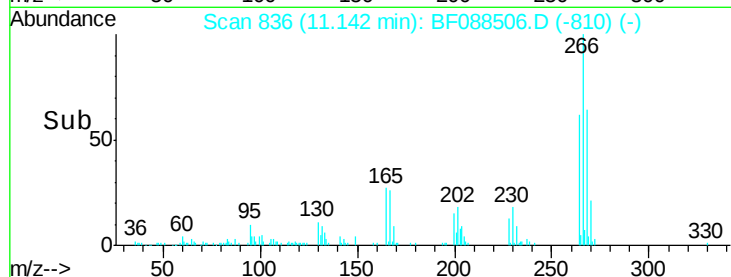
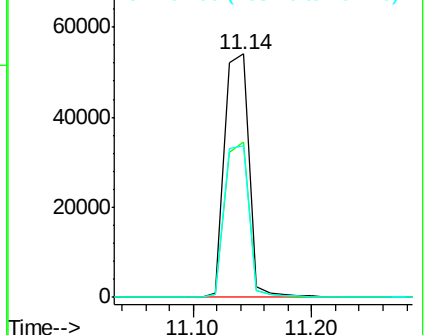
264 62.1 49.0 73.4



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: 42.94 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

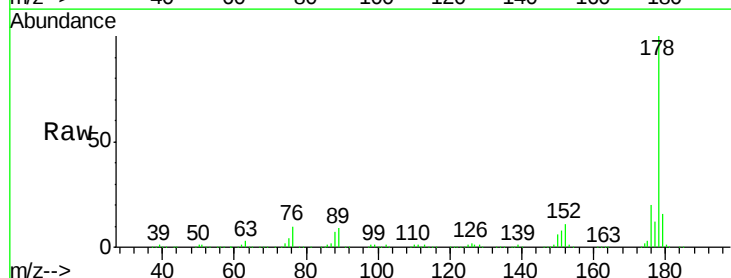
Tgt Ion:178 Resp: 820418

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

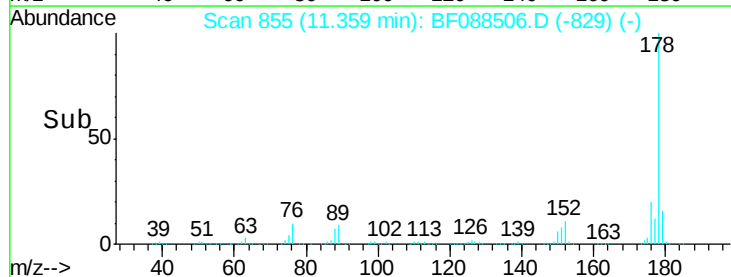
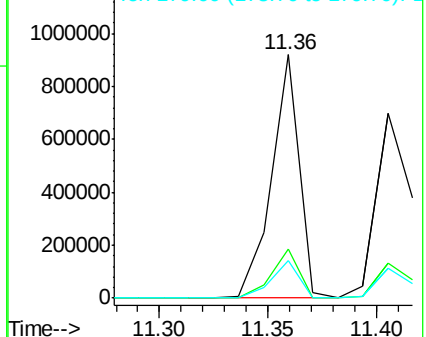
179 15.6 12.8 19.2

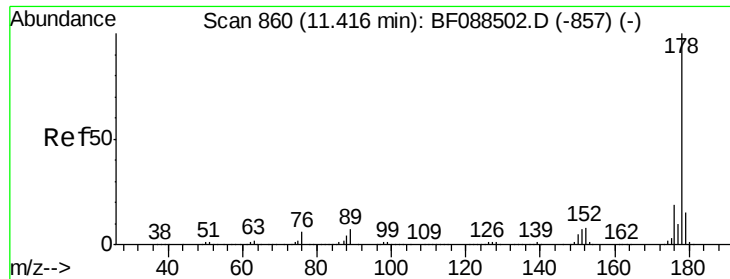


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

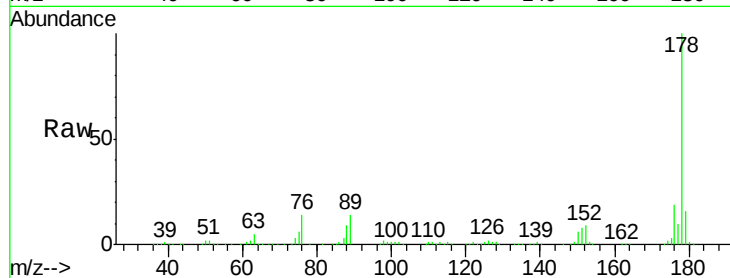




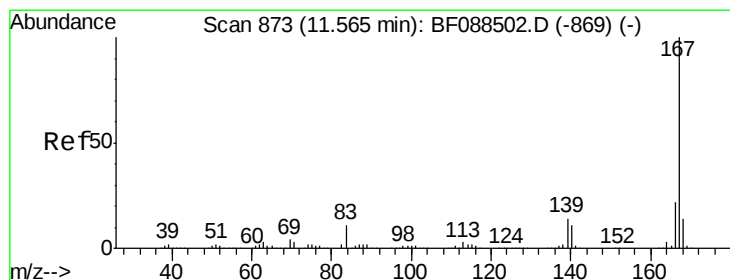
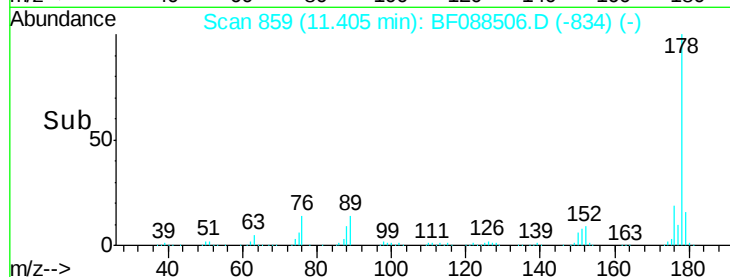
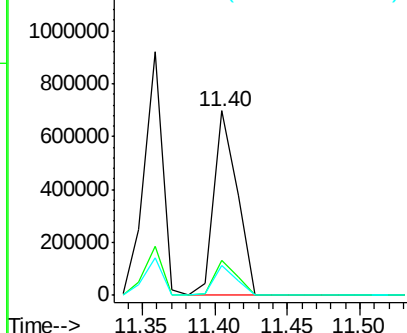
#71
 Anthracene
 Concen: 37.31 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion:178 Resp: 770958
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 16.0 12.3 18.5

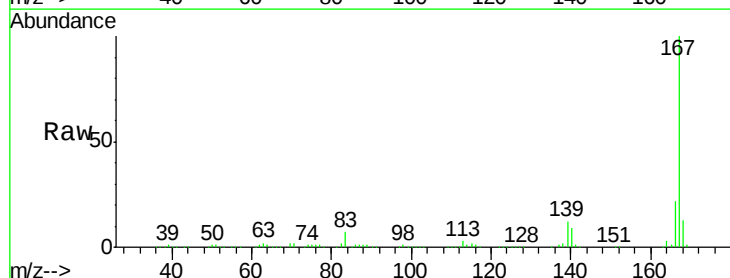


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

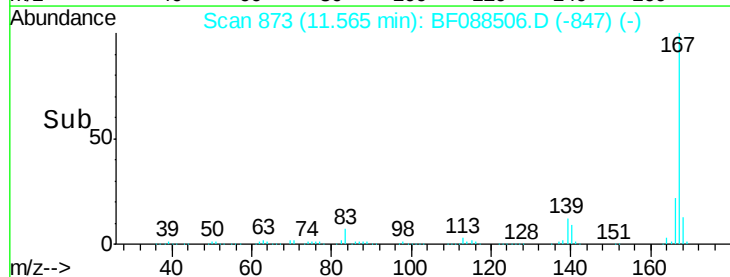
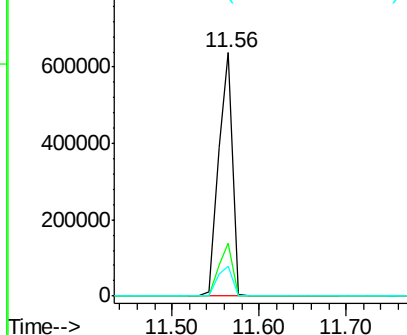


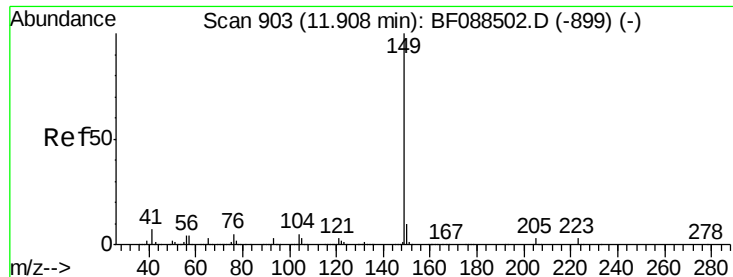
#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.56 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:167 Resp: 717673
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 12.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.88 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

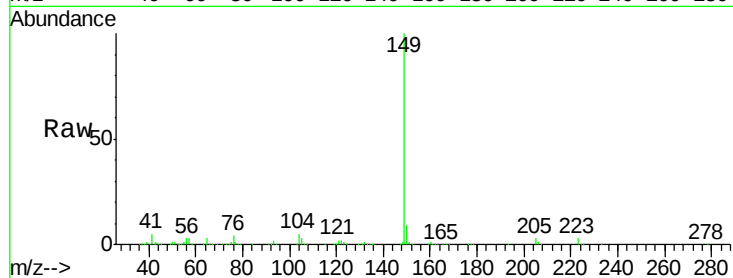
Tgt Ion:149 Resp: 901301

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

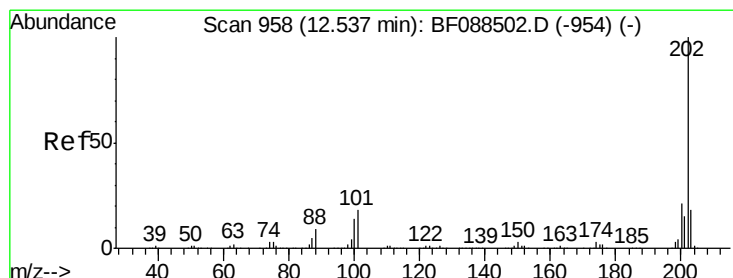
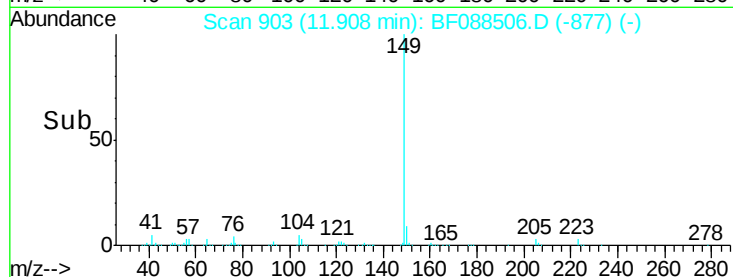
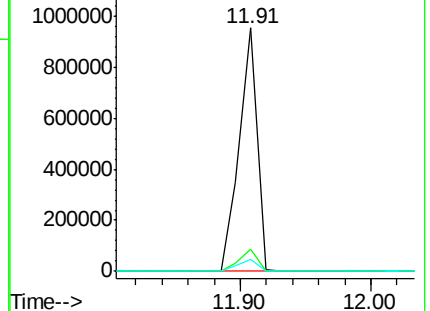
104 4.7 4.4 6.6



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: 37.03 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

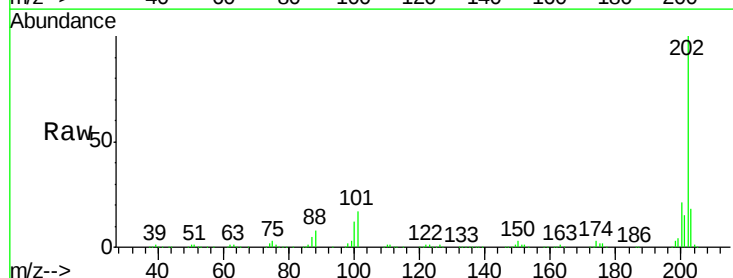
Tgt Ion:202 Resp: 659813

Ion Ratio Lower Upper

202 100

101 16.6 0.0 38.1

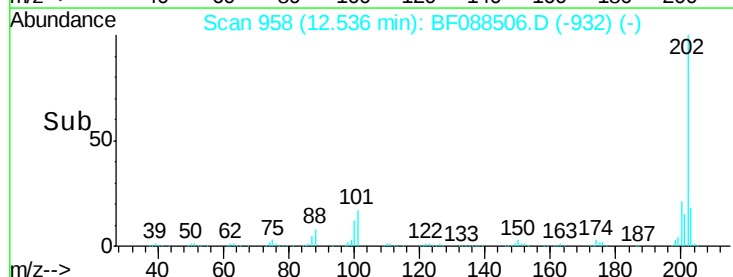
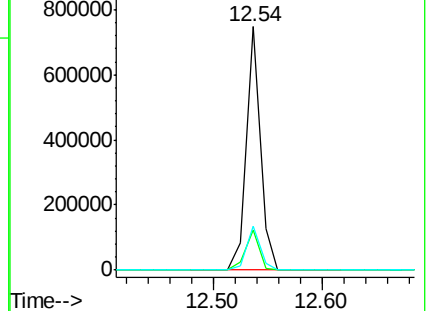
203 18.1 0.0 37.9

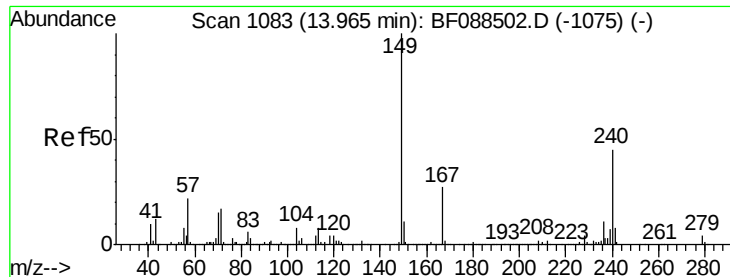


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

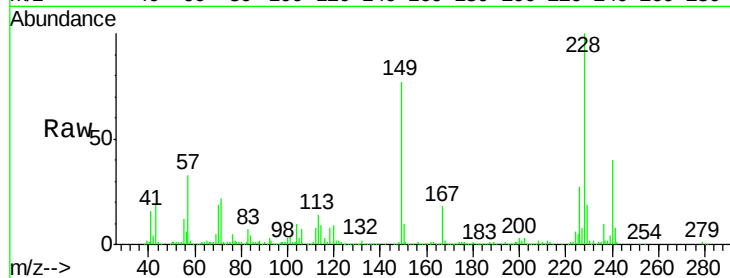
Tgt Ion:240 Resp: 210944

Ion Ratio Lower Upper

240 100

120 21.8 7.1 10.7#

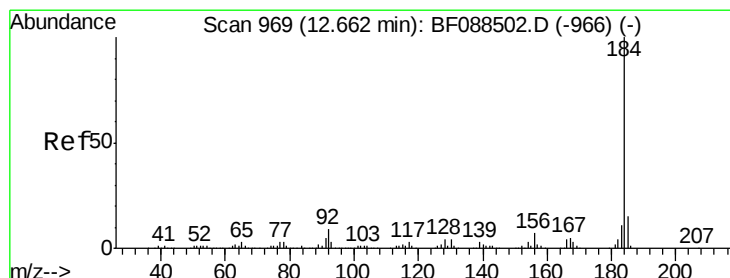
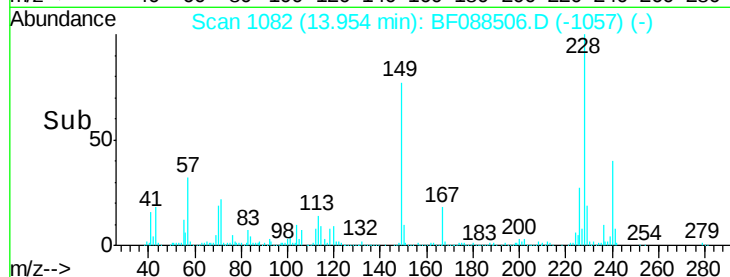
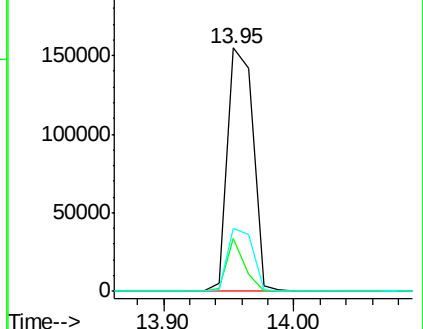
236 26.1 20.3 30.5



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: 35.90 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

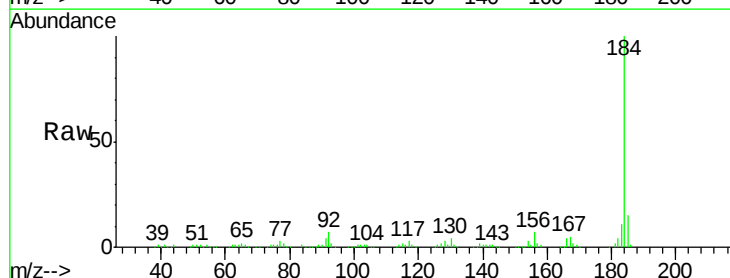
Tgt Ion:184 Resp: 235802

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

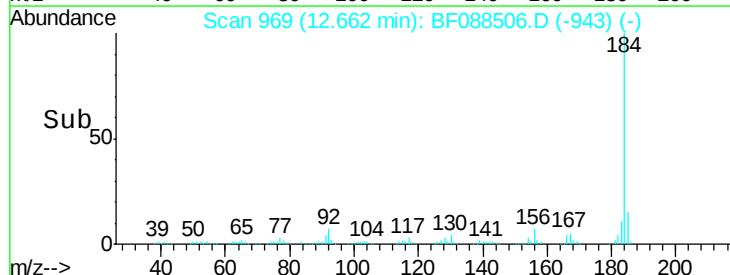
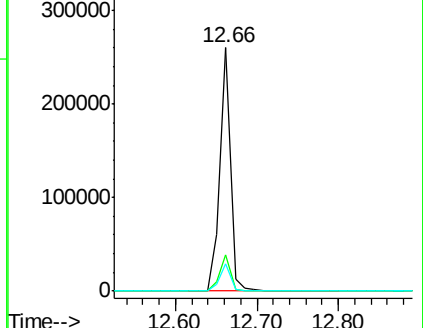
183 11.3 9.1 13.7

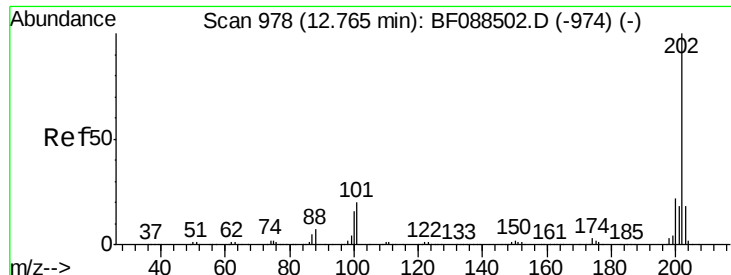


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

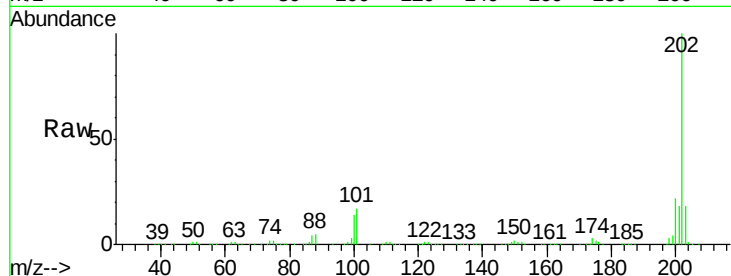




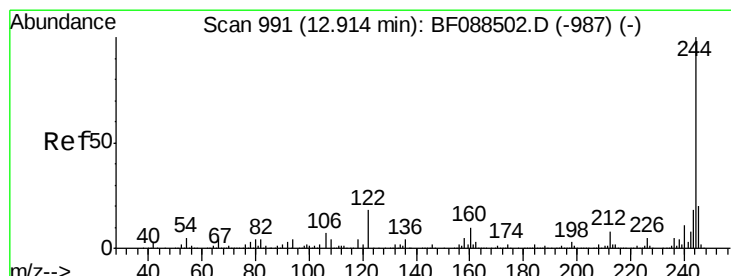
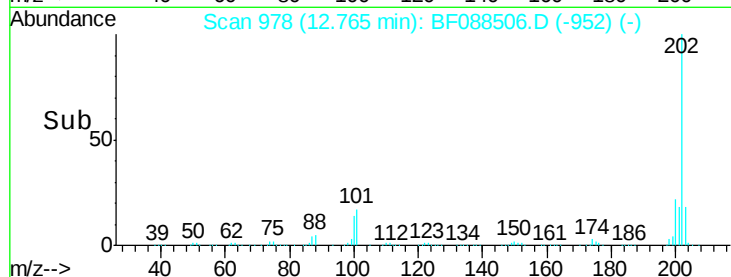
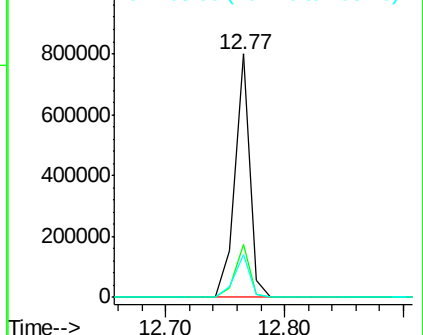
#77
 Pyrene
 Concen: 38.23 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tgt Ion: 202 Resp: 695549
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.5 26.3
 203 17.7 14.7 22.1

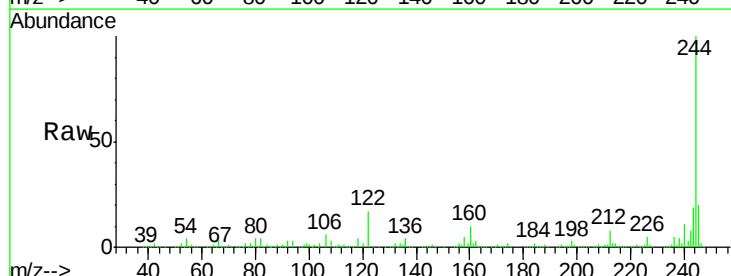


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

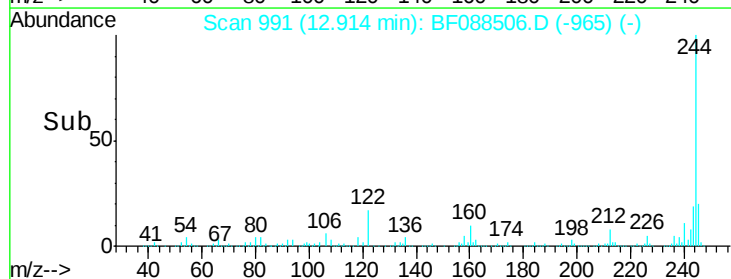
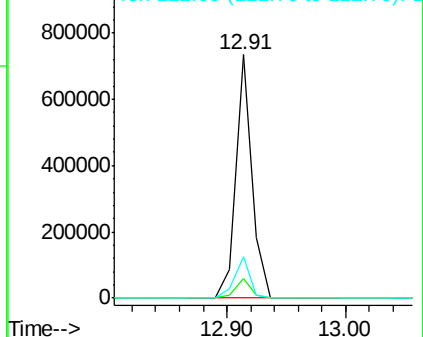


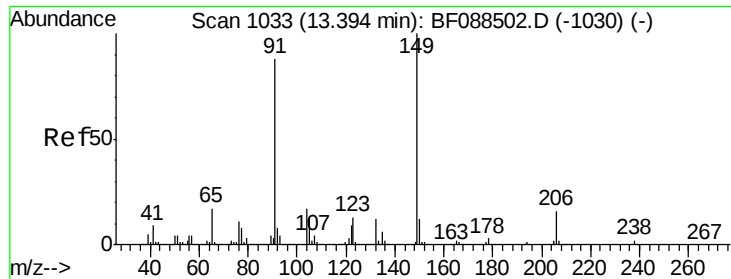
#78
 Terphenyl-d14
 Concen: 63.83 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion: 244 Resp: 691704
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 17.1 14.8 22.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

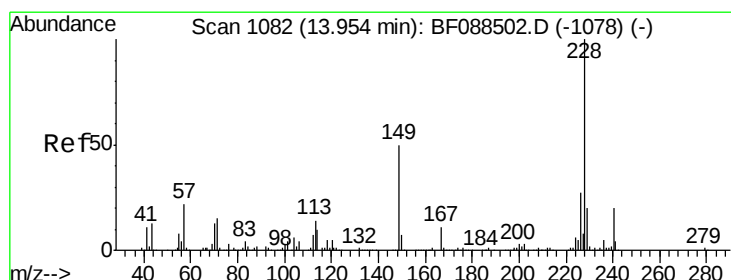
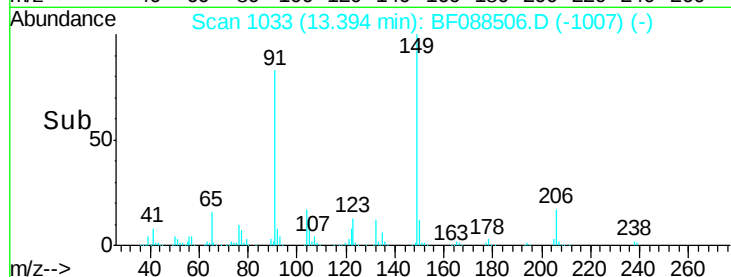
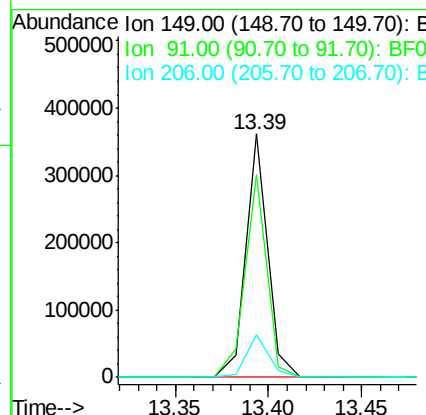
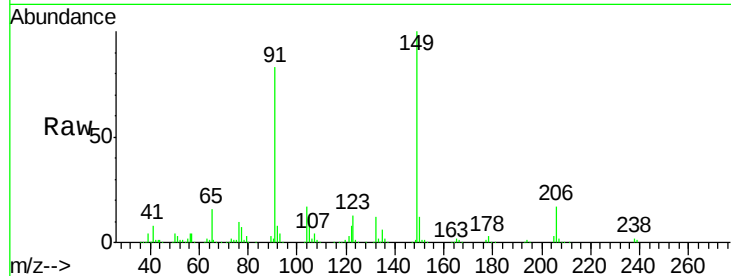




#79
Butylbenzylphthalate
Concen: 38.82 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

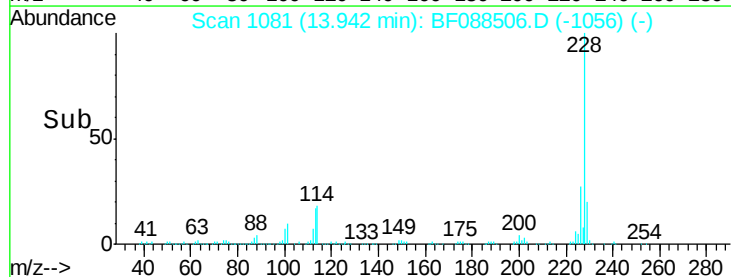
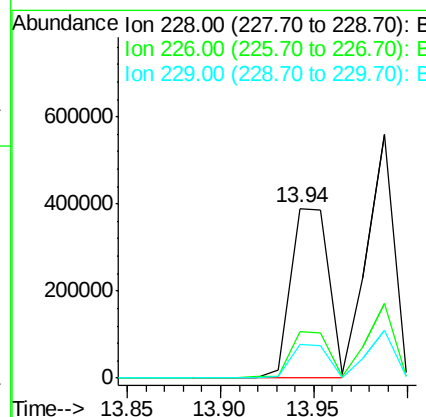
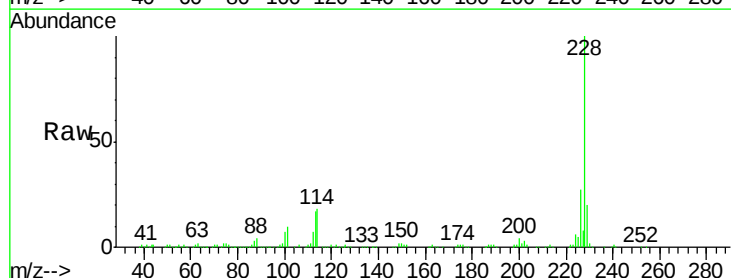
Instrument :
BNA_F
ClientSampleId :
ICVBF062916

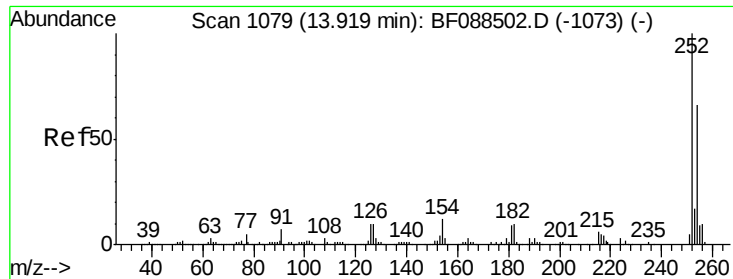
Tgt Ion:149 Resp: 294629
Ion Ratio Lower Upper
149 100
91 83.2 70.6 106.0
206 17.3 12.7 19.1



#80
Benzo(a)anthracene
Concen: 38.81 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:228 Resp: 552671
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.8 15.8 23.6

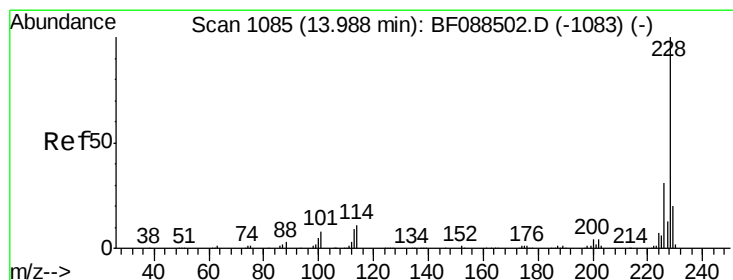
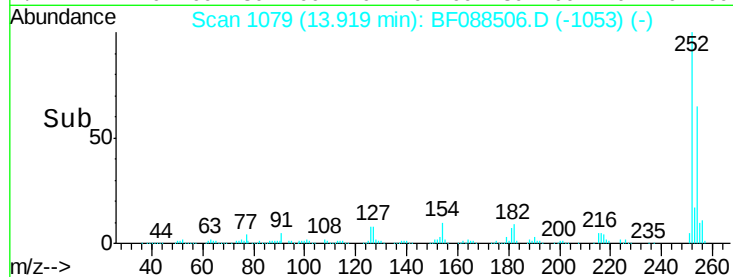
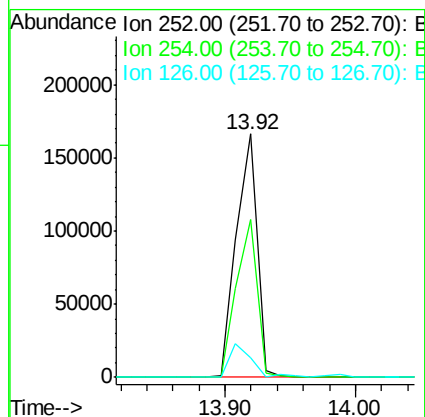
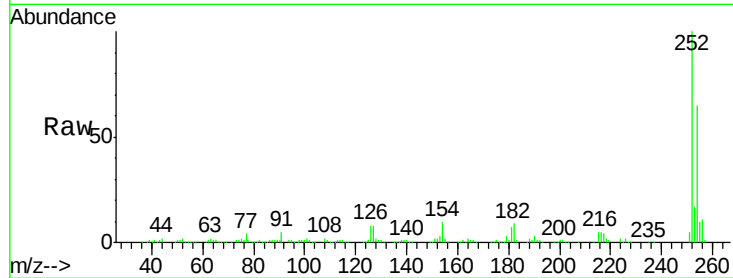




#81
 3,3'-Dichlorobenzidine
 Concen: 39.04 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

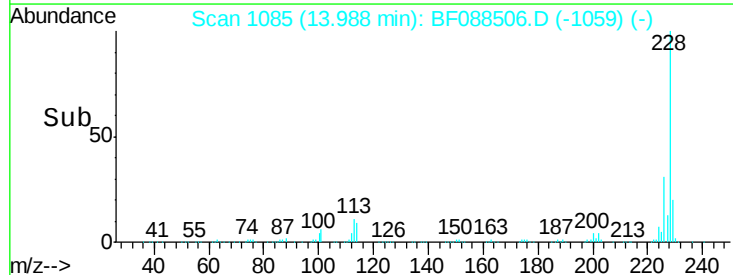
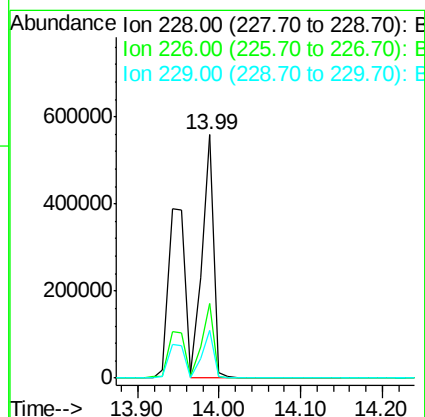
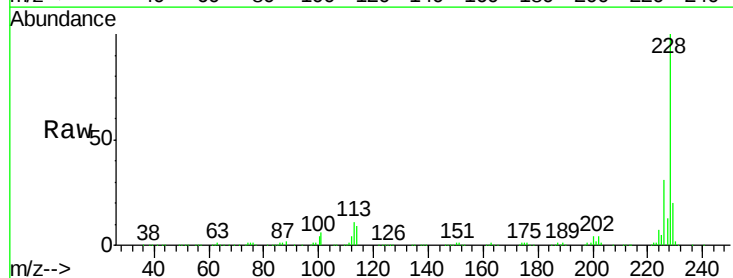
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

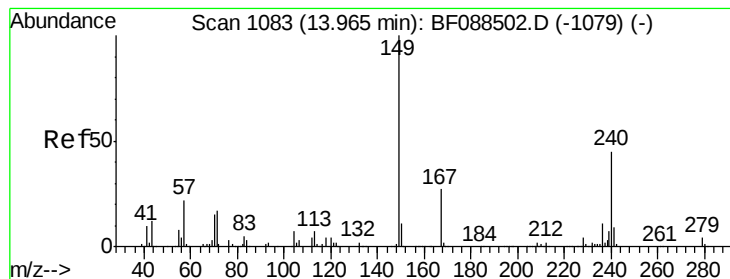
Tgt Ion: 252 Resp: 183912
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.6 78.8
 126 8.1 8.2 12.4#



#82
 Chrysene
 Concen: 42.14 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion: 228 Resp: 556963
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 19.8 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.58 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

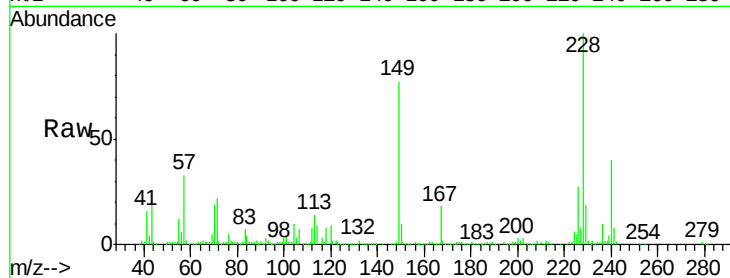
Tgt Ion:149 Resp: 396801

Ion Ratio Lower Upper

149 100

167 23.9 21.3 31.9

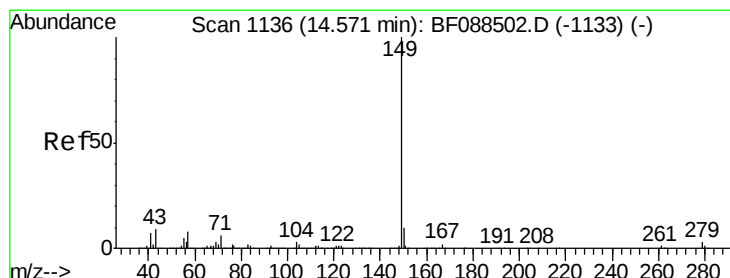
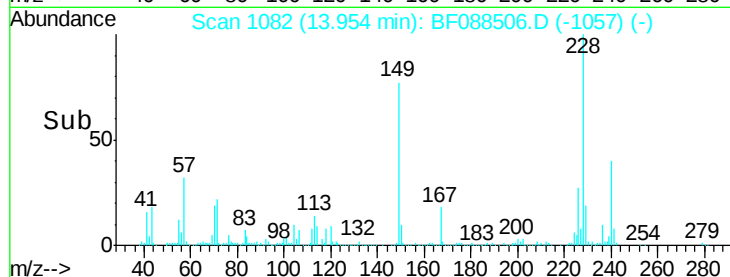
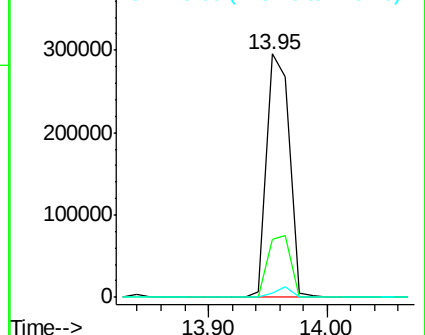
279 1.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.30 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

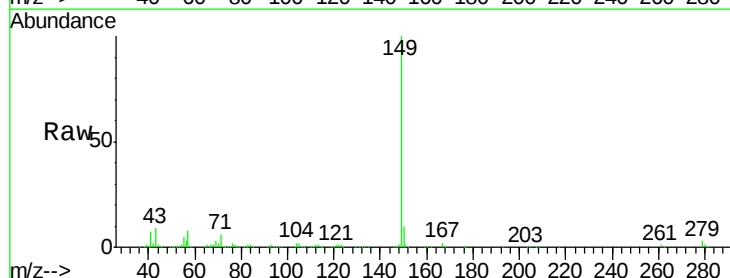
Tgt Ion:149 Resp: 727684

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

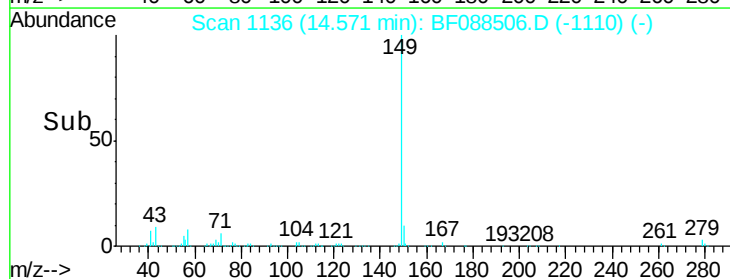
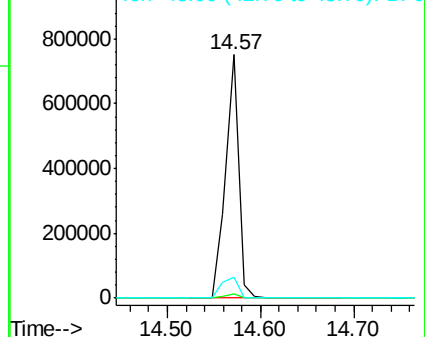
43 11.1 0.0 0.0#

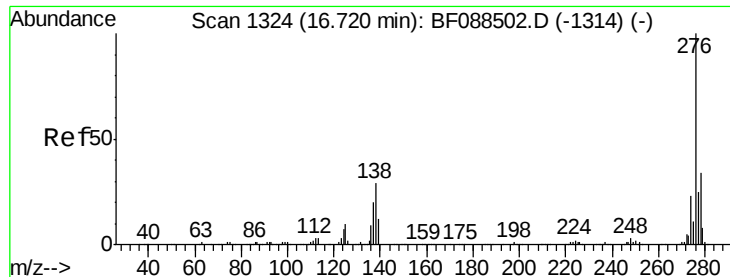


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

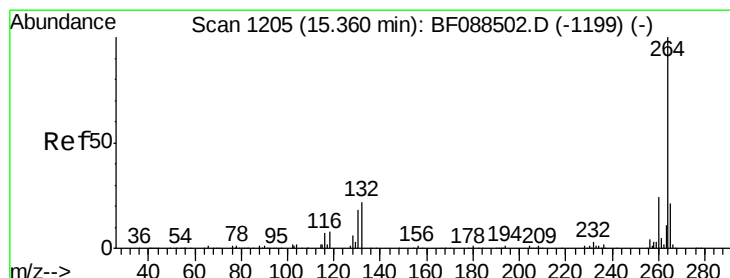
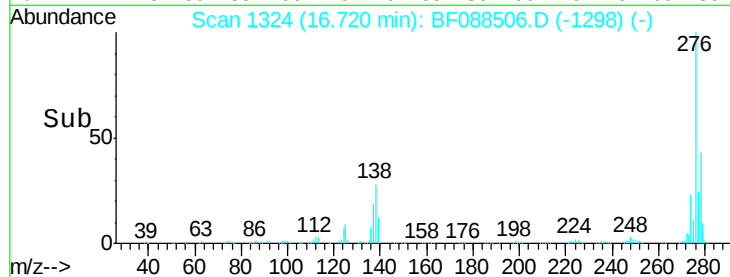
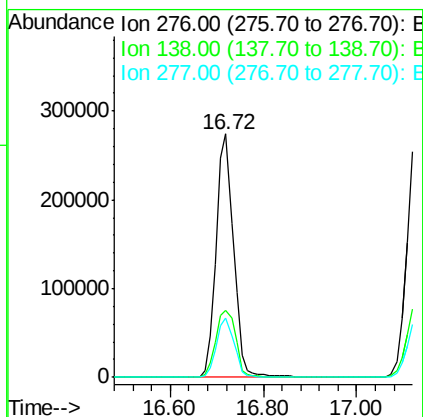
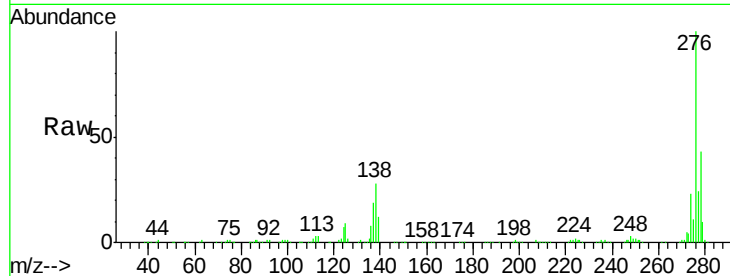




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.04 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

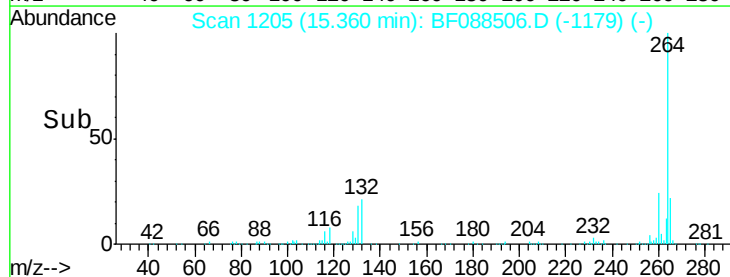
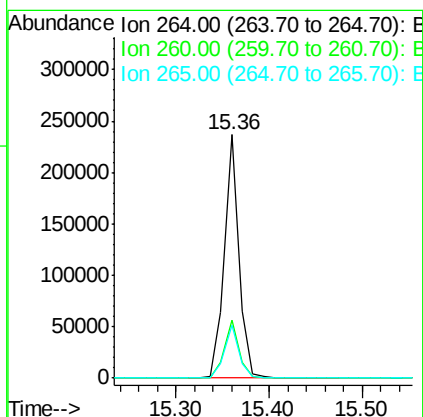
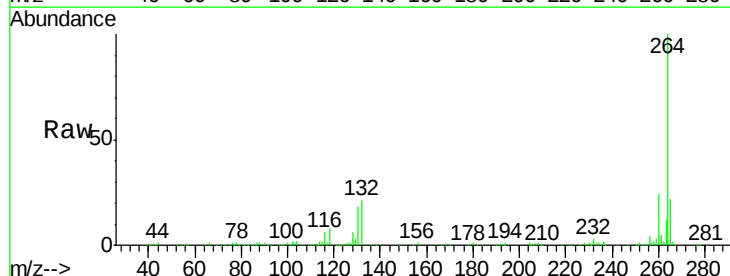
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

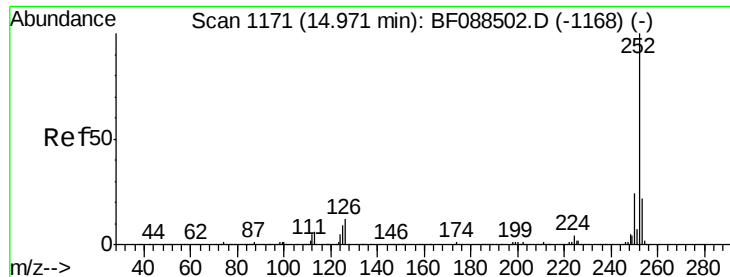
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	0.0	0.0#
277	24.9	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.7	17.1	25.7

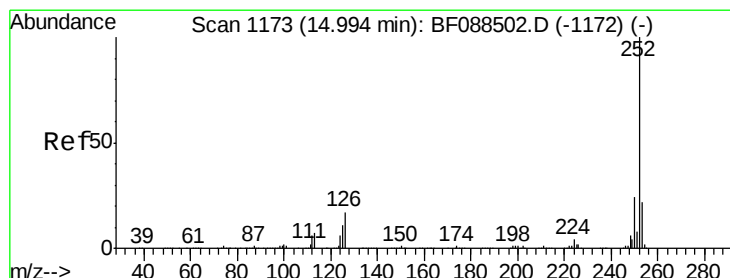
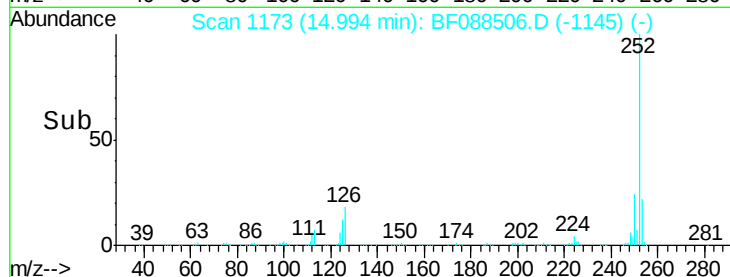
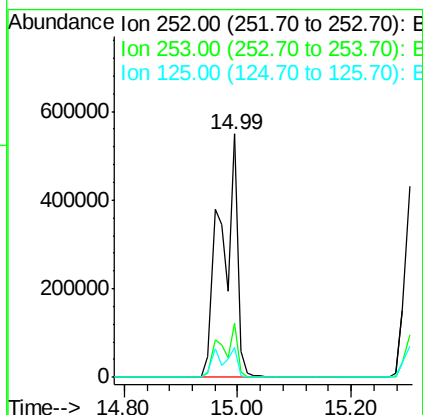
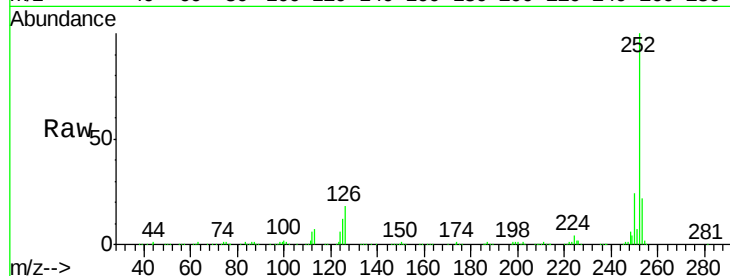




#87
Benzo(b)fluoranthene
Concen: 73.31 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

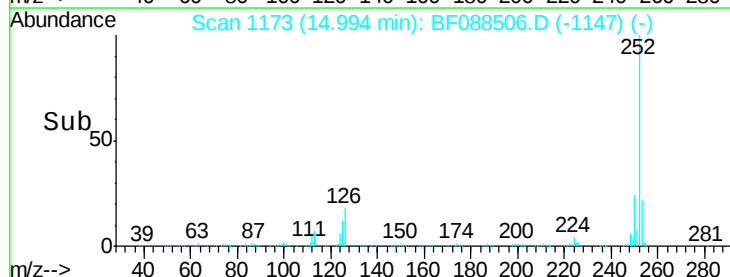
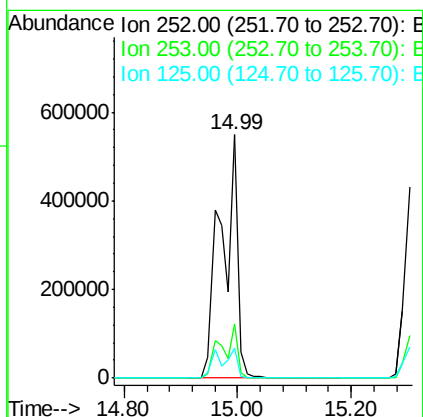
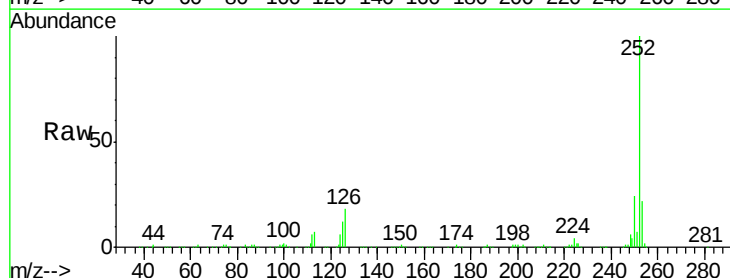
Instrument :
BNA_F
ClientSampleId :
ICVBF062916

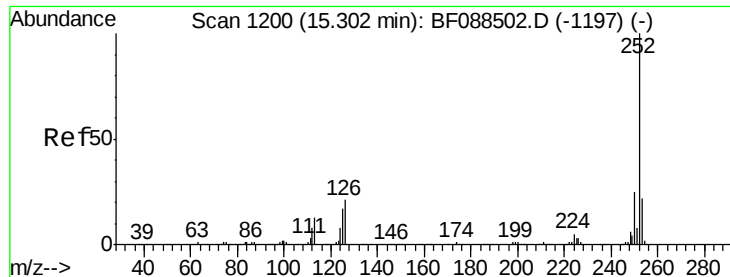
Tgt Ion:252 Resp: 1096877
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 12.3 7.4 11.2#



#88
Benzo(k)fluoranthene
Concen: 81.87 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:252 Resp: 1096877
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.3 11.1 16.7

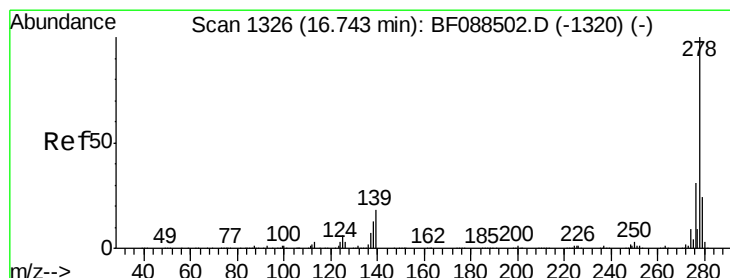
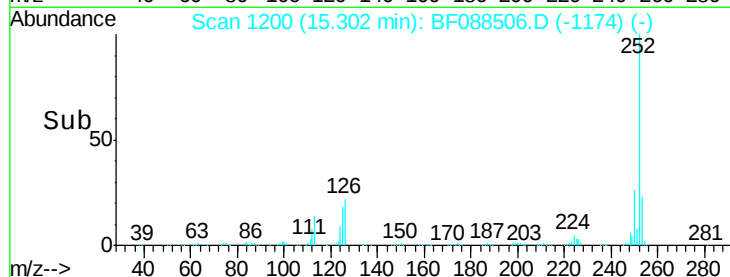
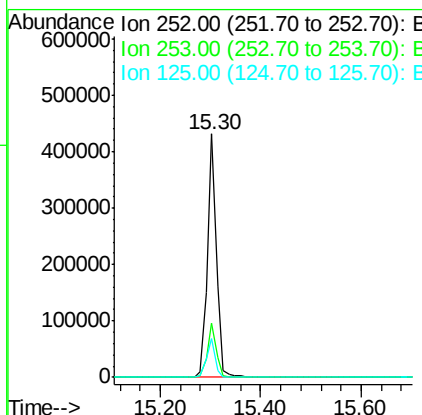
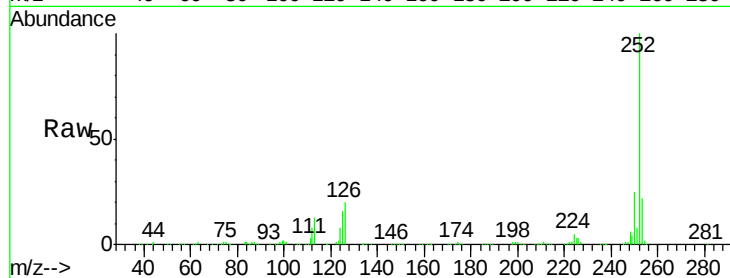




#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

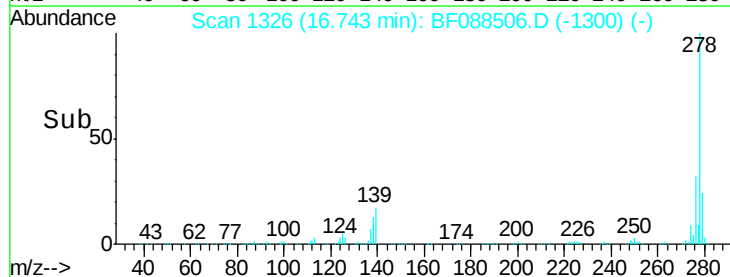
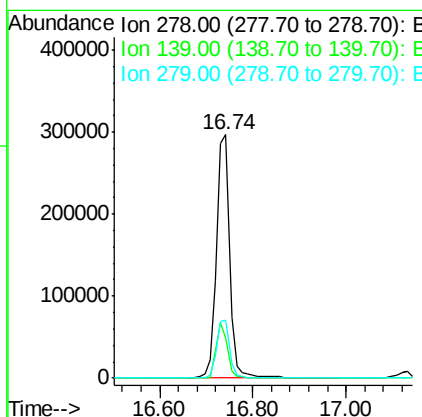
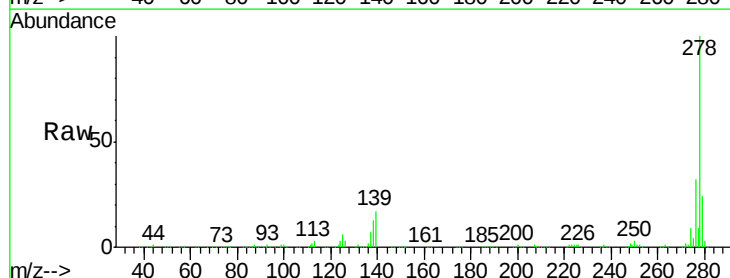
Instrument :
BNA_F
ClientSampleId :
ICVBF062916

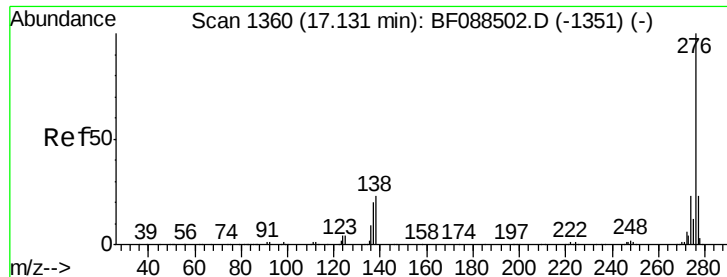
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.1	13.4	20.0



#90
Dibenzo(a,h)anthracene
Concen: 40.09 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.0	21.0
279	23.7	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 40.22 ng

RT: 17.13 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF088506.D

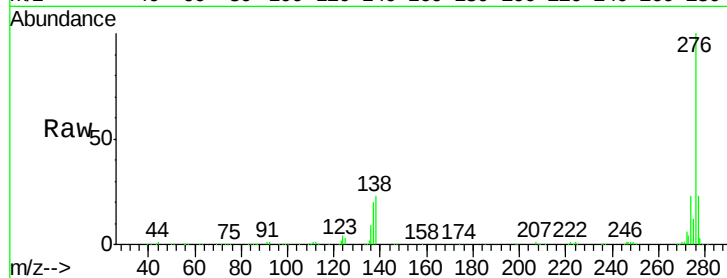
Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916



Tgt Ion: 276 Resp: 612376

Ion Ratio Lower Upper

276 100

277 23.4 18.4 27.6

138 23.5 18.7 28.1

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

