

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088454.D
 Acq On : 27 Jun 2016 14:17
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 19:08:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	281213	20.00	ng	-0.15
21) Naphthalene-d8	7.83	136	347094	20.00	ng	-0.30
38) Acenaphthene-d10	9.58	164	156507	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	289648	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	210936	20.00	ng	-0.31
86) Perylene-d12	15.03	264	168969	20.00	ng	-0.37

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	403575	24.53	ng	-0.31
7) Phenol-d6	6.22	99	451078	22.63	ng	-0.26
23) Nitrobenzene-d5	7.12	82	416431	70.06	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	103351	62.54	ng	-0.31
44) 2-Fluorobiphenyl	8.91	172	825051	82.66	ng	-0.30
78) Terphenyl-d14	12.63	244	701826	75.71	ng	-0.32

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.20	93	290249	10.23	ng	94
8) 2-Chlorophenol	6.33	128	239544	12.30	ng	86
9) Benzaldehyde	6.09	77	82950	5.22	ng	99
10) Phenol	6.23	94	309572	13.29	ng	93
11) bis(2-Chloroethyl)ether	6.28	93	232271	13.29	ng	89
12) 1,3-Dichlorobenzene	6.71	146	229603	10.99	ng	99
13) 1,4-Dichlorobenzene	6.71	146	231492	11.00	ng	97
14) 1,2-Dichlorobenzene	6.71	146	237117	12.39	ng	# 93
15) Benzyl Alcohol	6.71	79	167730	10.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	204167	8.64	ng	# 1
17) 2-Methylphenol	6.99	107	226212	14.33	ng	# 77
18) Hexachloroethane	7.04	117	87948	11.78	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	55618	4.36	ng	# 70
20) 3+4-Methylphenols	6.99	107	224160	12.17	ng	# 80
22) Acetophenone	6.97	105	313817	40.46	ng	# 97
24) Nitrobenzene	7.14	77	240204	41.72	ng	96
25) Isophorone	7.38	82	417566	37.93	ng	98
26) 2-Nitrophenol	7.45	139	119682	38.80	ng	99
27) 2,4-Dimethylphenol	7.52	122	195172	34.37	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	270451	39.61	ng	# 96
29) 2,4-Dichlorophenol	7.71	162	187892	39.63	ng	92
30) 1,2,4-Trichlorobenzene	7.77	180	193842	37.55	ng	97
31) Naphthalene	7.85	128	665127	38.72	ng	99
32) Benzoic acid	7.66	122	12221	3.91	ng	83
33) 4-Chloroaniline	7.92	127	289671	37.77	ng	# 94
34) Hexachlorobutadiene	7.96	225	100557	36.93	ng	98
35) Caprolactam	8.31	113	57126	36.37	ng	# 80
36) 4-Chloro-3-methylphenol	8.42	107	198538	39.15	ng	99
37) 2-Methylnaphthalene	8.54	142	411659	36.36	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	176443	42.51	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	16162	6.40	ng	96
42) 2,4,6-Trichlorophenol	8.83	196	110796	35.40	ng	96
43) 2,4,5-Trichlorophenol	8.89	196	117384	36.05	ng	99
45) 1,1'-Biphenyl	9.00	154	482486	40.44	ng	98

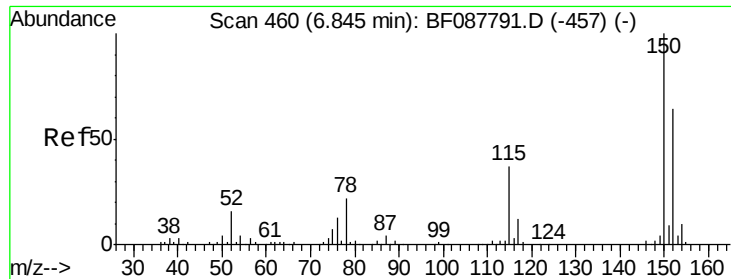
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.03	162	400480	39.54	nq	99
47) 2-Nitroaniline	9.14	65	115620	38.70	nq	# 83
48) Acenaphthylene	9.44	152	640842	39.78	nq	99
49) Dimethylphthalate	9.32	163	480255	42.36	nq	99
50) 2,6-Dinitrotoluene	9.39	165	105744	40.73	nq	# 87
51) Acenaphthene	9.61	154	379800	37.79	nq	98
52) 3-Nitroaniline	9.56	138	126070	42.08	nq	# 76
53) 2,4-Dinitrophenol	9.76	184	5207	7.50	nq	# 1
54) Dibenzofuran	9.78	168	555250	40.12	nq	# 90
55) 4-Nitrophenol	9.78	139	264151	113.60	nq	# 9
56) 2,4-Dinitrotoluene	9.79	165	143236	42.93	nq	# 79
57) Fluorene	10.12	166	445314	47.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	59483	23.25	nq	# 59
59) Diethylphthalate	10.01	149	429154	37.40	nq	97
60) 4-Chlorophenyl-phenylether	10.11	204	172566	37.49	nq	90
61) 4-Nitroaniline	10.17	138	119709	42.12	nq	93
62) Azobenzene	10.27	77	435607	38.39	nq	95
64) 4,6-Dinitro-2-methylphenol	10.22	198	20294	12.88	nq	# 75
65) n-Nitrosodiphenylamine	10.24	169	378898	39.42	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	126697	40.77	nq	95
67) Hexachlorobenzene	10.66	284	120231	37.24	nq	# 88
68) Atrazine	10.78	200	102906	35.36	nq	90
69) Pentachlorophenol	10.88	266	18694	10.98	nq	97
70) Phenanthrene	11.07	178	574524	37.80	nq	99
71) Anthracene	11.13	178	682779	44.53	nq	99
72) Carbazole	11.29	167	592767	41.32	nq	99
73) Di-n-butylphthalate	11.62	149	654890	36.06	nq	100
74) Fluoranthene	12.25	202	630135	39.29	nq	98
76) Benzidine	12.39	184	185039	31.68	nq	100
77) Pyrene	12.48	202	597513	38.17	nq	99
79) Butylbenzylphthalate	13.11	149	280950	40.60	nq	87
80) Benzo(a)anthracene	13.67	228	451450	37.56	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	166723	51.58	nq	# 96
82) Chrysene	13.70	228	481009	42.53	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	325388	38.63	nq	99
84) Di-n-octyl phthalate	14.27	149	592812	43.31	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	401458	38.21	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	825847	70.12	nq	99
88) Benzo(k)fluoranthene	14.70	252	826831	93.07	nq	# 96
89) Benzo(a)pyrene	14.98	252	383457	40.24	nq	# 94
90) Dibenzo(a,h)anthracene	16.26	278	336217	37.99	nq	95
91) Benzo(g,h,i)perylene	16.62	276	354923	38.99	nq	99

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

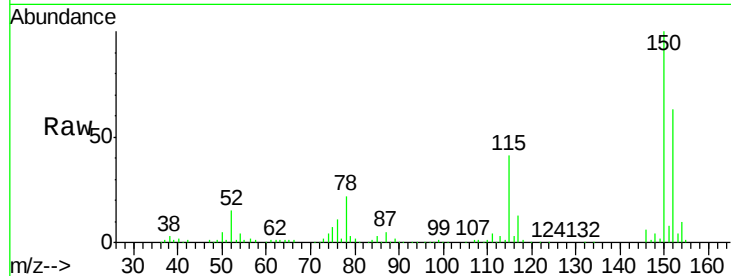


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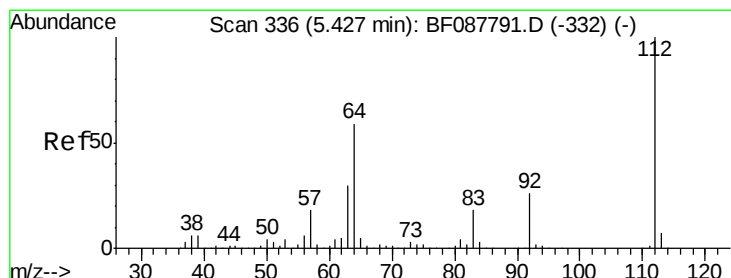
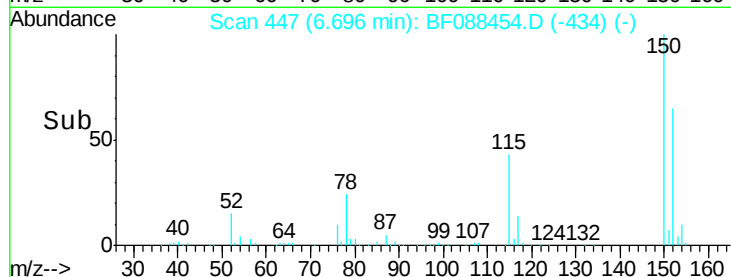
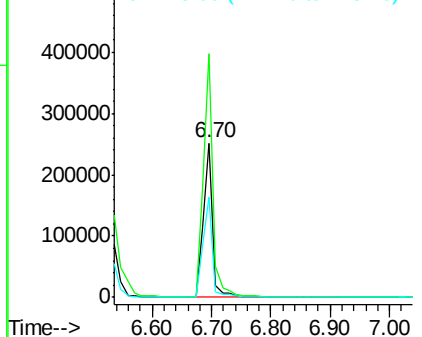
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.15 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 281213
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.6
115 65.1 39.6 59.4#



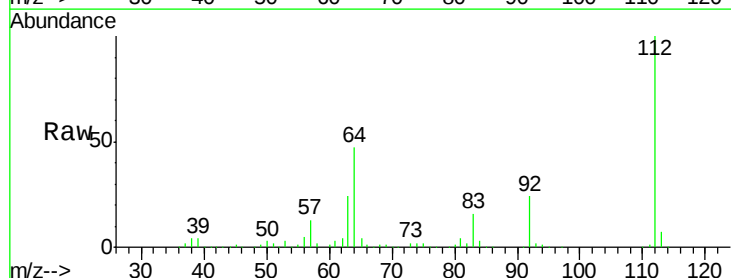
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



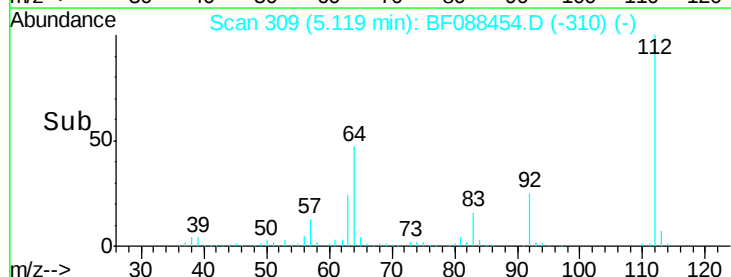
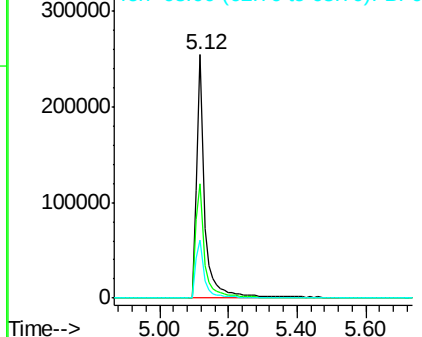
#5

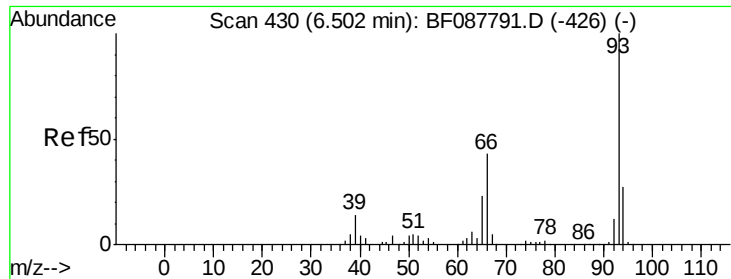
2-Fluorophenol
Concen: 24.53 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:112 Resp: 403575
Ion Ratio Lower Upper
112 100
64 46.8 42.2 63.2
63 23.9 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 10.23 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :

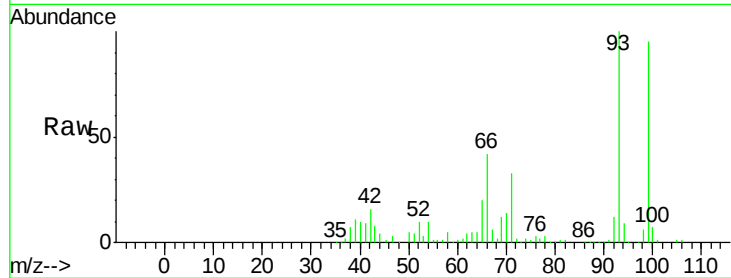
Tot Ion: 93 Resp: 290249

Ion Ratio Lower Upper

93 100

66 42.1 29.8 44.8

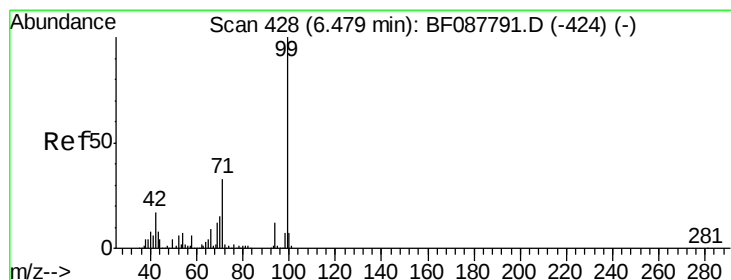
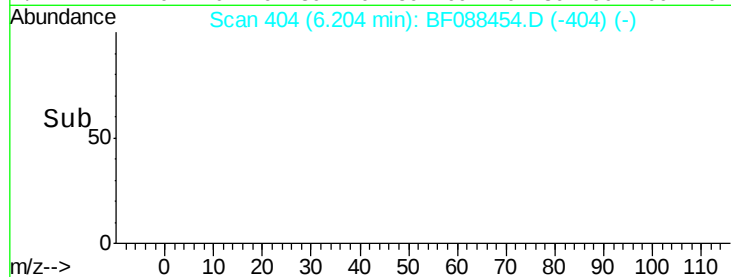
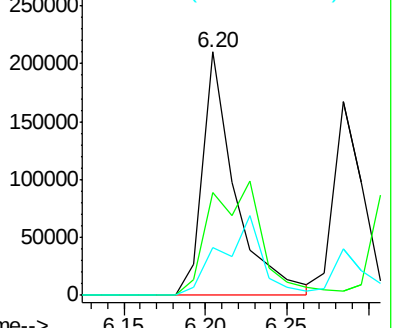
65 19.7 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 22.63 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.26 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

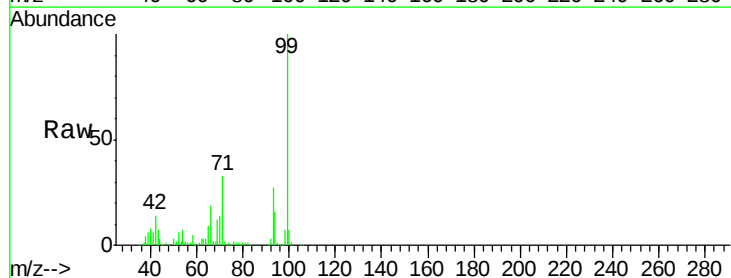
Tgt Ion: 99 Resp: 451078

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

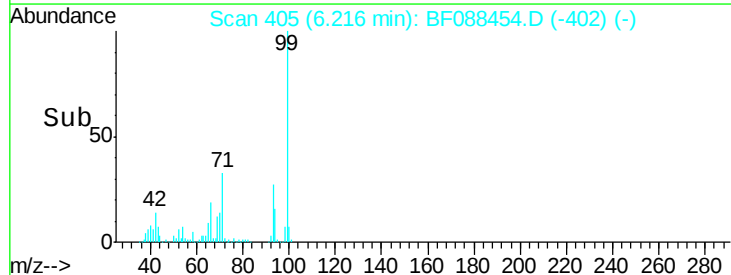
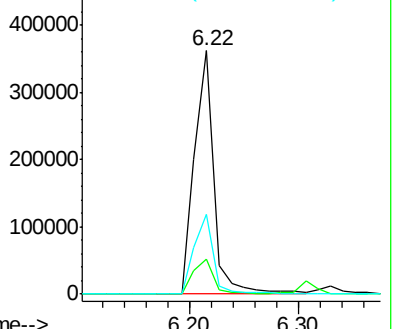
71 32.8 23.4 35.0

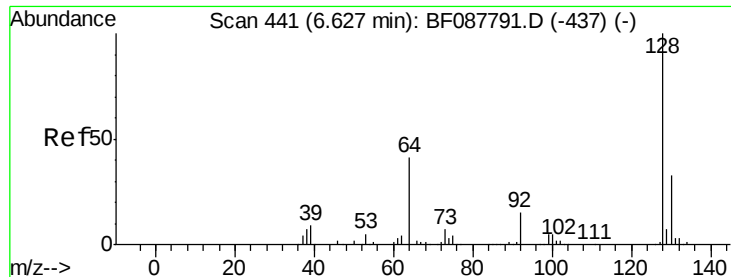


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

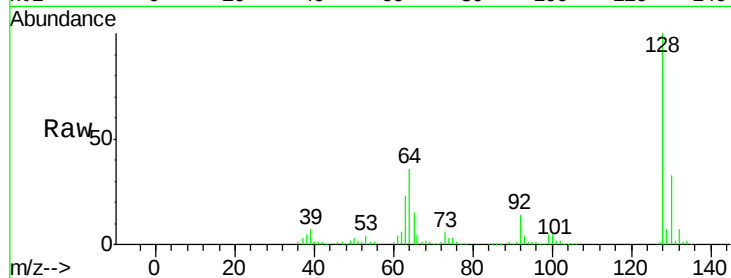




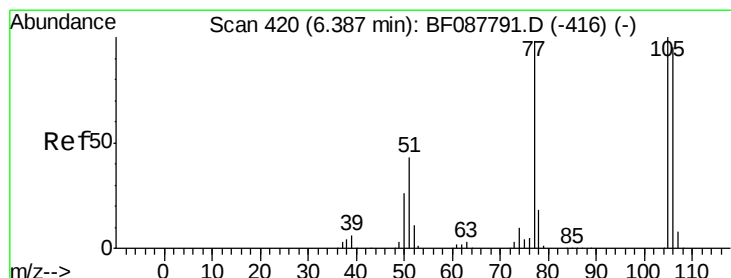
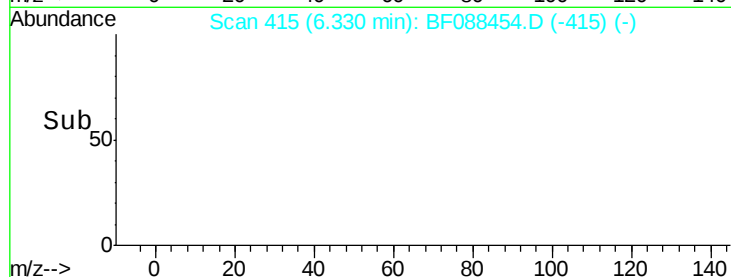
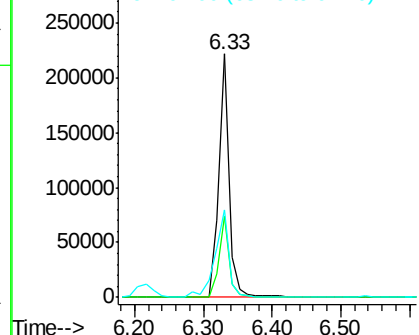
#8
2-Chlorophenol
Concen: 12.30 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.0	52.0
64	36.1	30.8	70.8

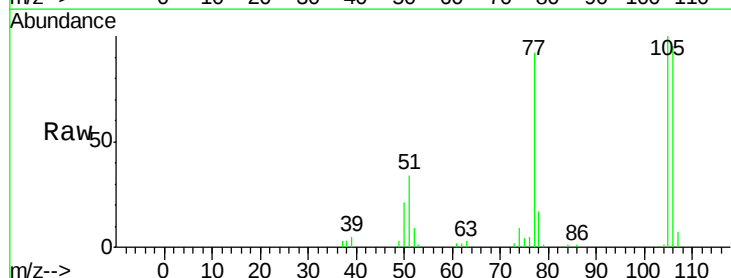


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

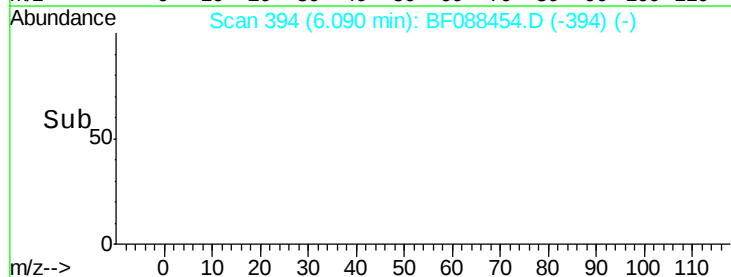
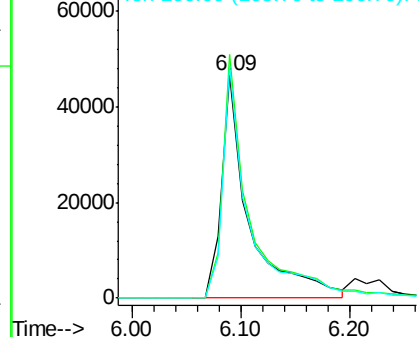


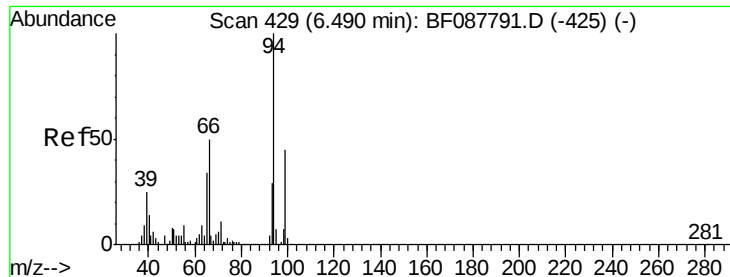
#9
Benzaldehyde
Concen: 5.22 ng
RT: 6.09 min Scan# 394
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.3	90.6	130.6
106	104.2	85.3	125.3



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





#10

Phenol

Concen: 13.29 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.26 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

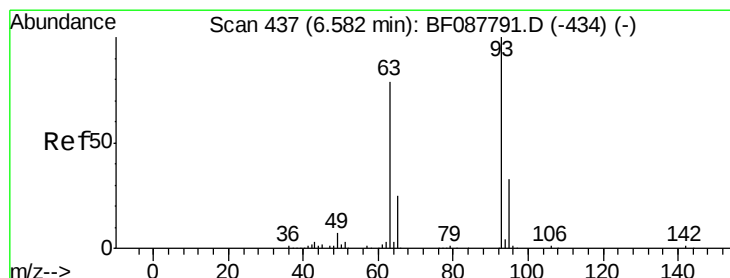
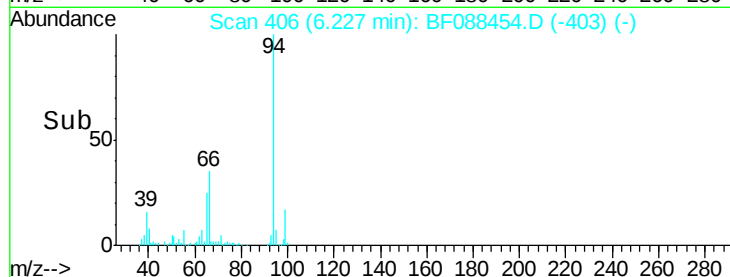
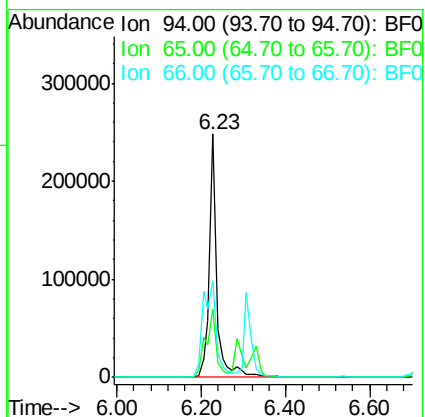
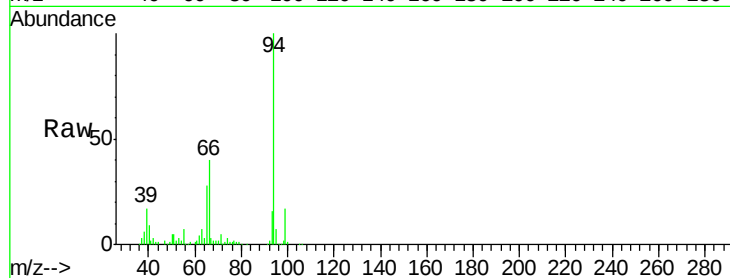
Tot Ion: 94 Resp: 309572

Ion Ratio Lower Upper

94 100

65 27.9 5.9 45.9

66 39.7 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 13.29 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

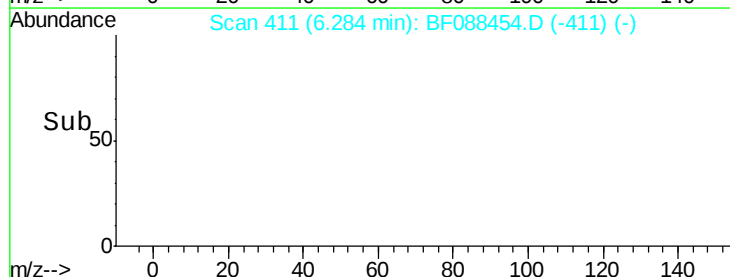
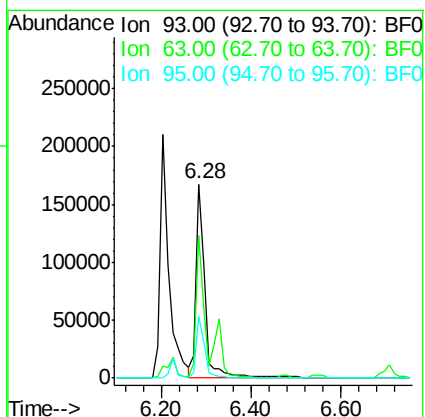
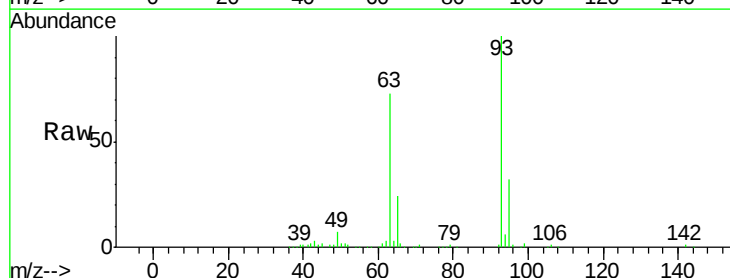
Tgt Ion: 93 Resp: 232271

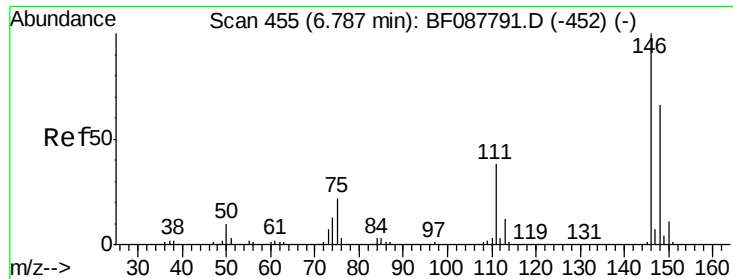
Ion Ratio Lower Upper

93 100

63 73.3 67.6 107.6

95 32.2 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 10.99 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.08 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :

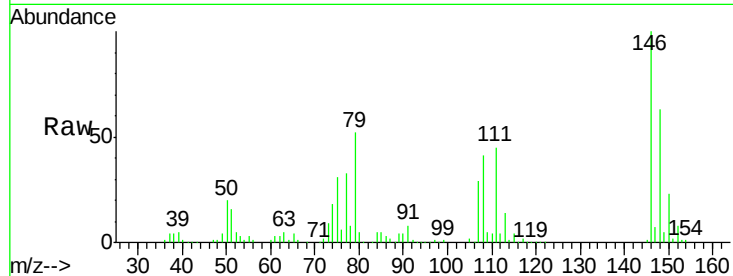
Tot Ion:146 Resp: 229603

Ion Ratio Lower Upper

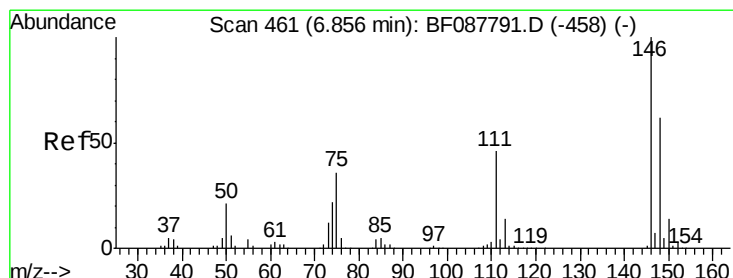
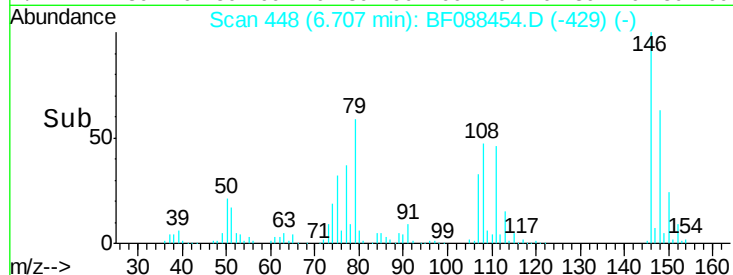
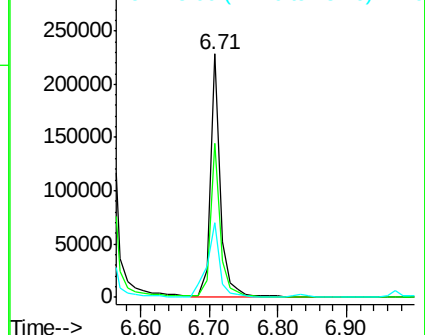
146 100

148 63.2 50.9 76.3

75 30.8 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.15 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

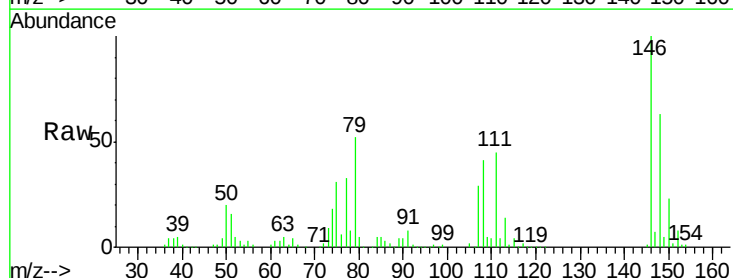
Tgt Ion:146 Resp: 231492

Ion Ratio Lower Upper

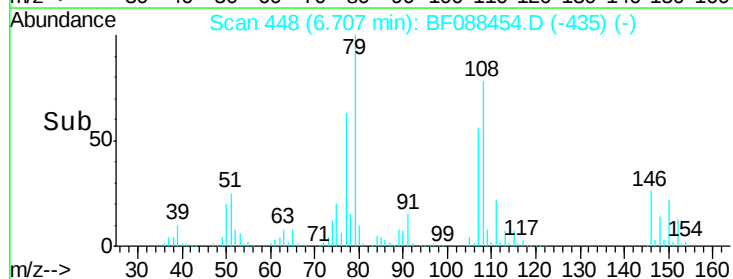
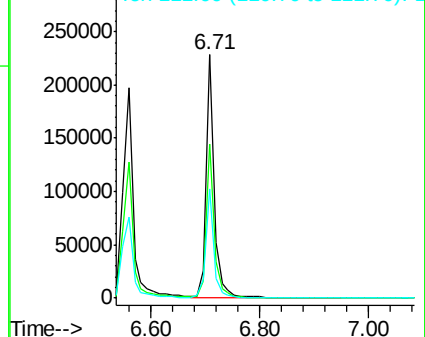
146 100

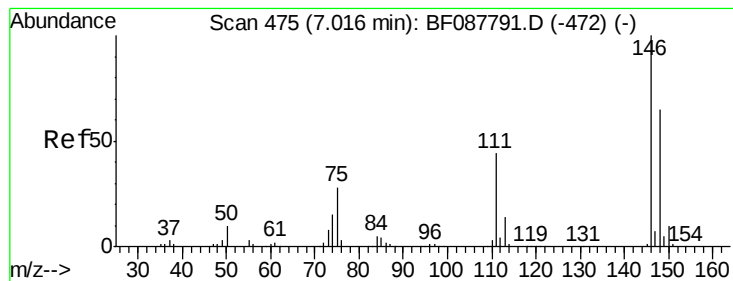
148 63.2 52.0 78.0

111 44.7 33.8 50.8



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

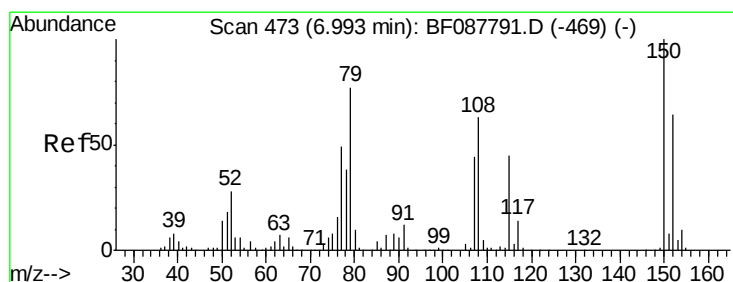
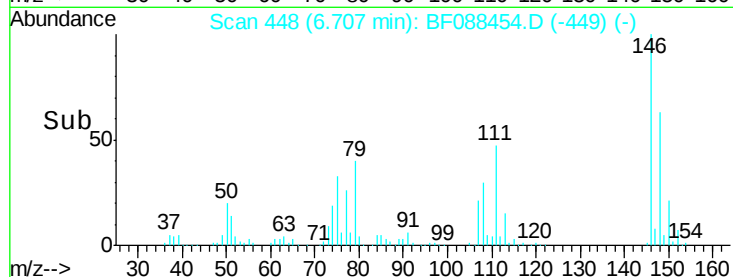
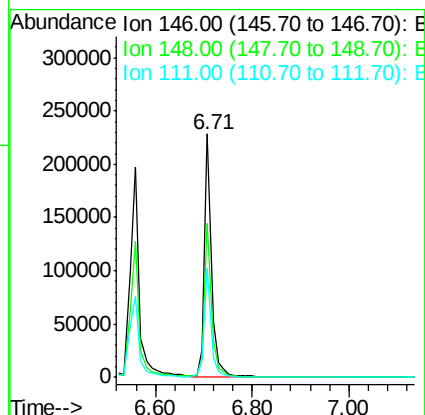
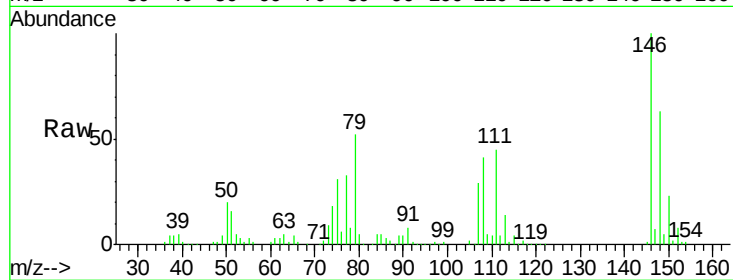




#14
 1,2-Dichlorobenzene
 Concen: 12.39 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.31 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

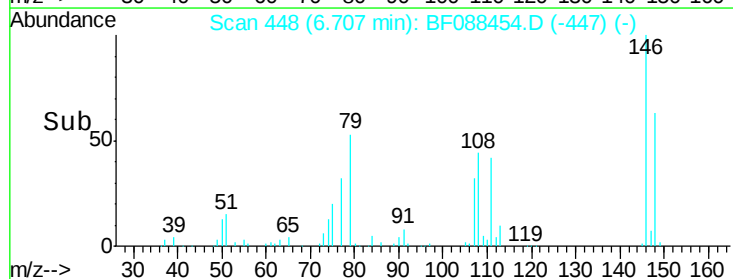
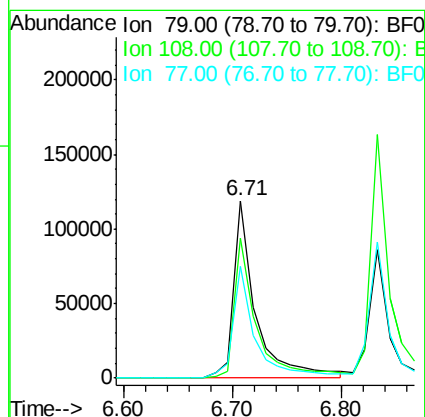
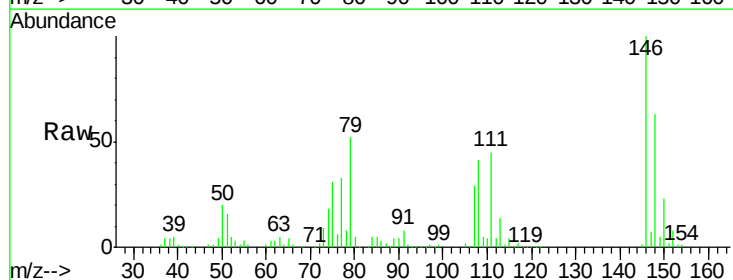
Instrument :
 BNA_F
 ClientSampled :

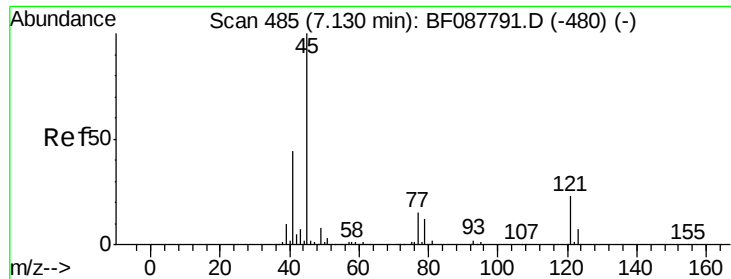
Tot Ion:146 Resp: 237117
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 44.7 28.7 43.1#



#15
 Benzyl Alcohol
 Concen: 10.75 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.29 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion: 79 Resp: 167730
 Ion Ratio Lower Upper
 79 100
 108 79.0 65.0 97.6
 77 63.1 50.3 75.5

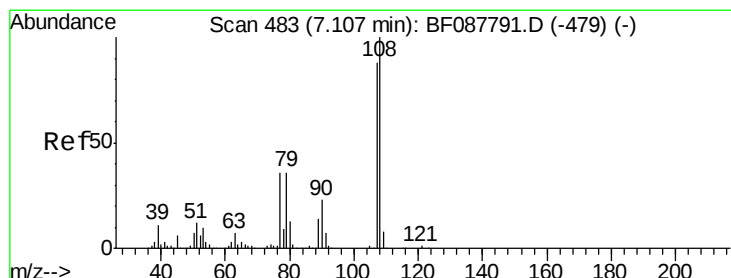
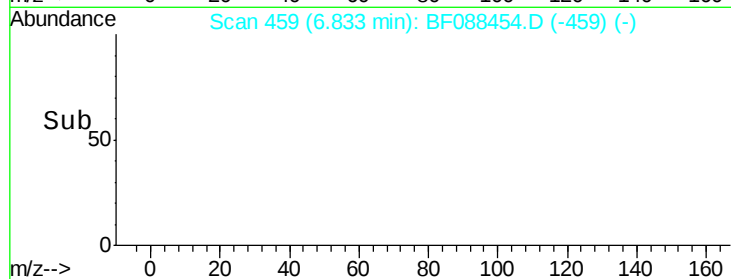
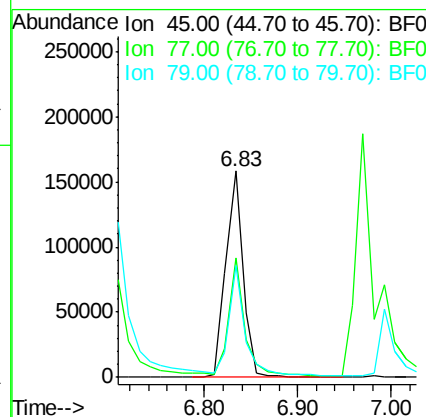
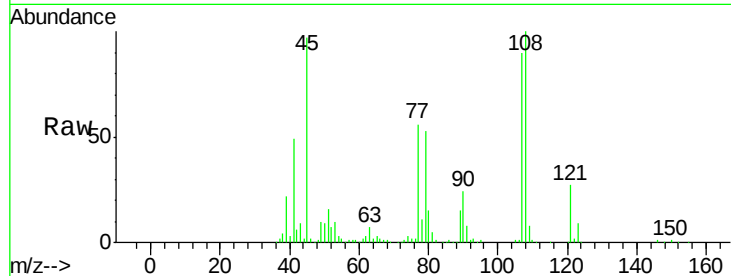




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 8.64 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

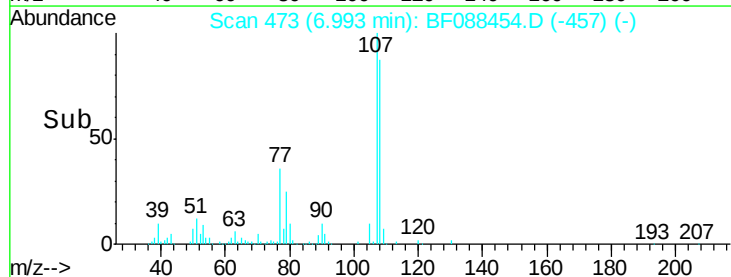
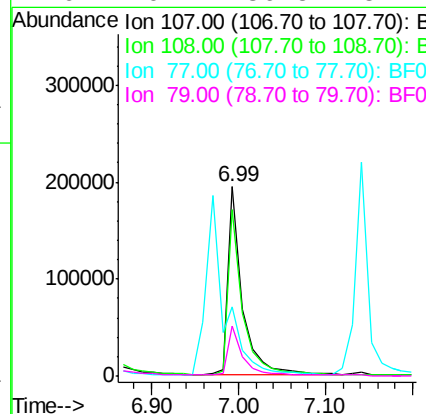
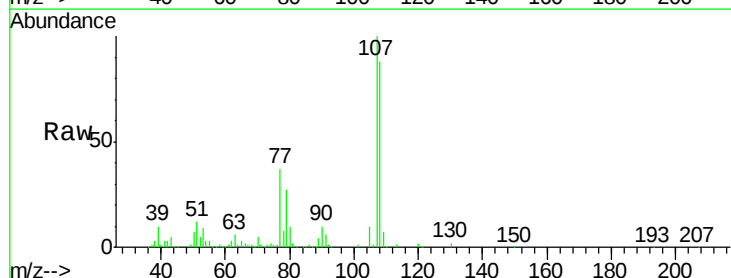
Instrument :
BNA_F
ClientSampled :

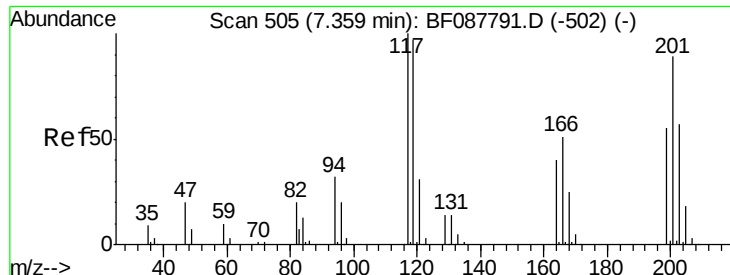
Tot Ion: 45 Resp: 204167
Ion Ratio Lower Upper
45 100
77 57.9 0.0 32.5#
79 54.3 0.0 29.5#



#17
2-Methylphenol
Concen: 14.33 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.11 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion: 107 Resp: 226212
Ion Ratio Lower Upper
107 100
108 87.8 90.9 136.3#
77 36.6 36.6 55.0#
79 26.7 36.5 54.7#

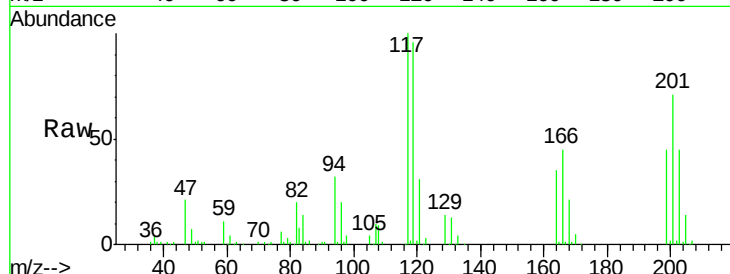




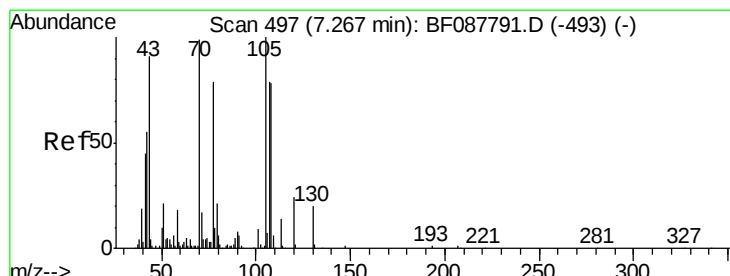
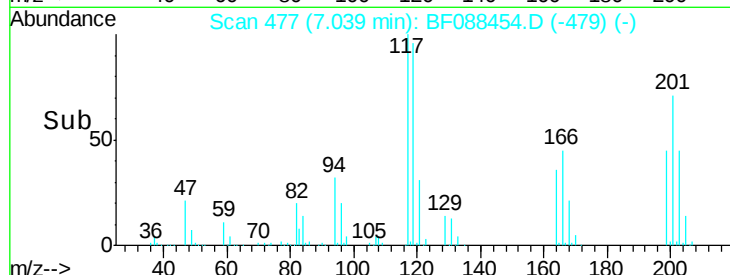
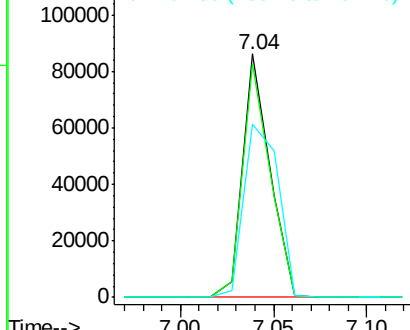
#18
Hexachloroethane
Concen: 11.78 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.32 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 87948
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
201 71.3 80.4 120.6#

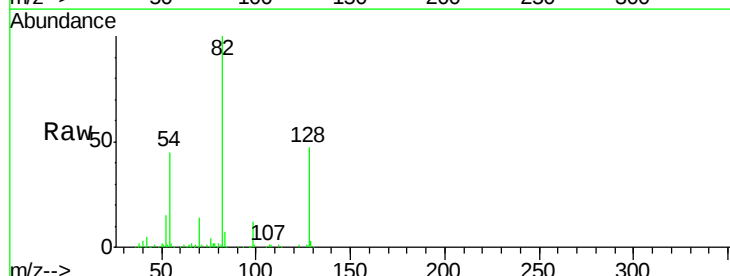


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

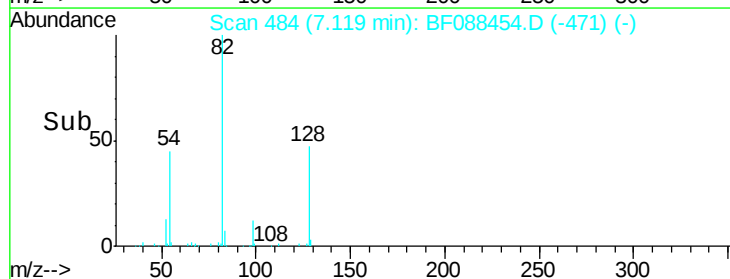
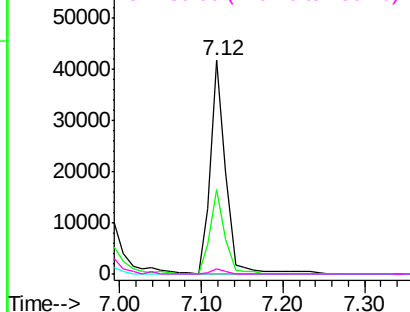


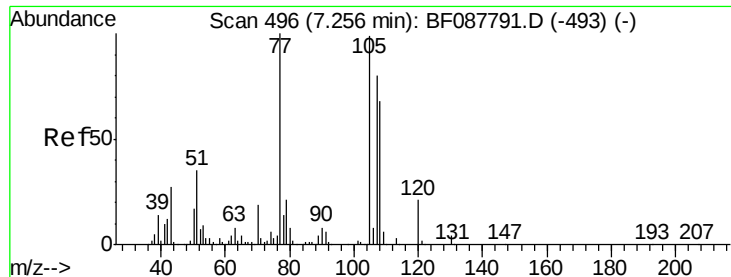
#19
n-Nitroso-di-n-propylamine
Concen: 4.36 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion: 70 Resp: 55618
Ion Ratio Lower Upper
70 100
42 39.8 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 12.17 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 224160

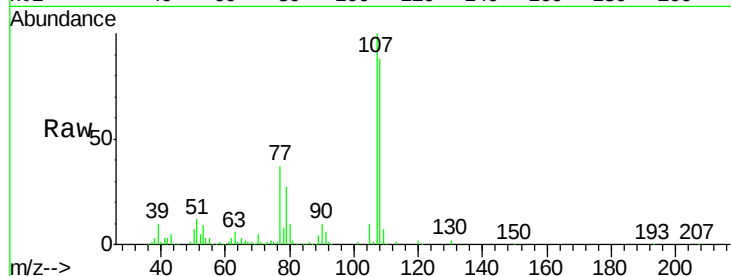
Ion Ratio Lower Upper

107 100

108 87.8 67.8 107.8

77 36.6 59.3 99.3#

79 26.7 7.0 47.0

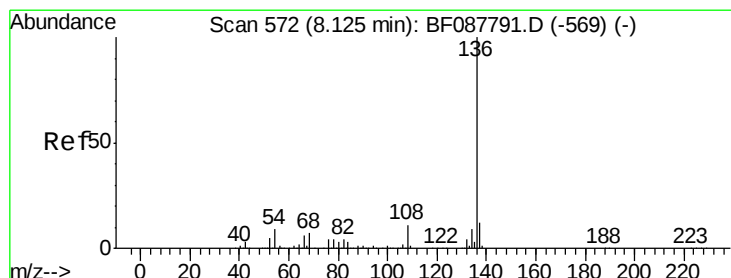
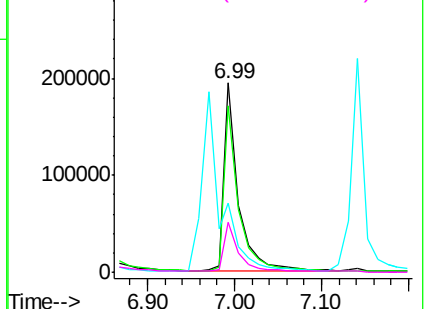
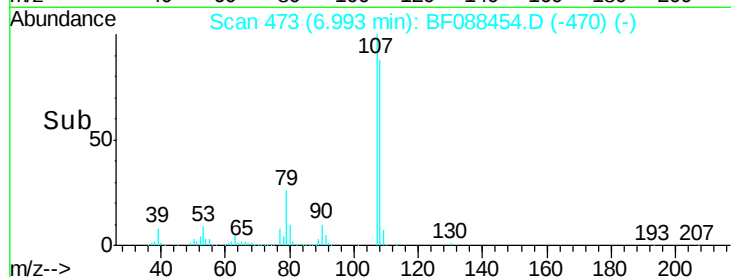


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Tgt Ion:136 Resp: 347094

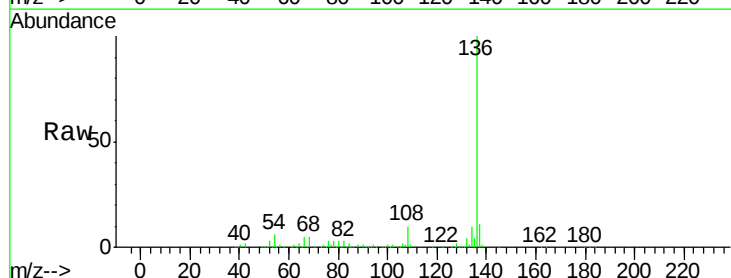
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 6.6 10.0#

68 5.1 5.1 7.7#

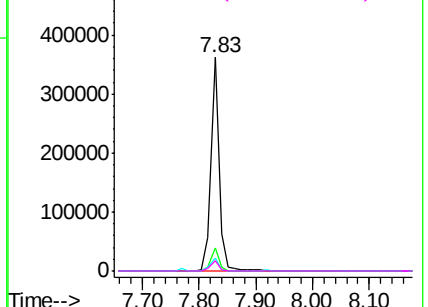
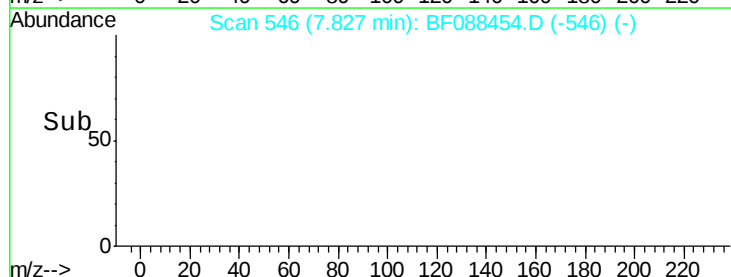


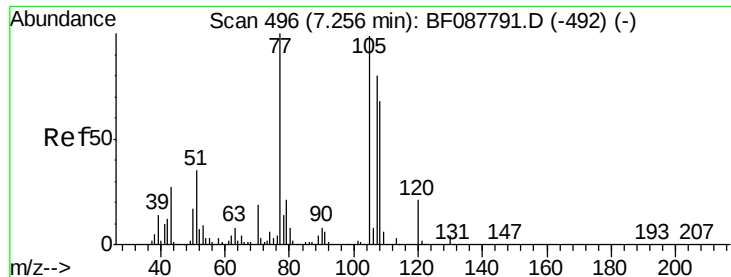
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.46 ng

RT: 6.97 min Scan# 471

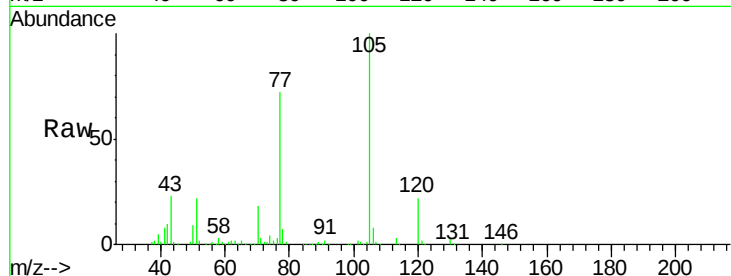
Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	313817
Ion	Ratio	Lower	Upper
105	100		
71	3.2	5.3	7.9#
51	21.7	18.2	27.4
120	21.6	18.0	27.0

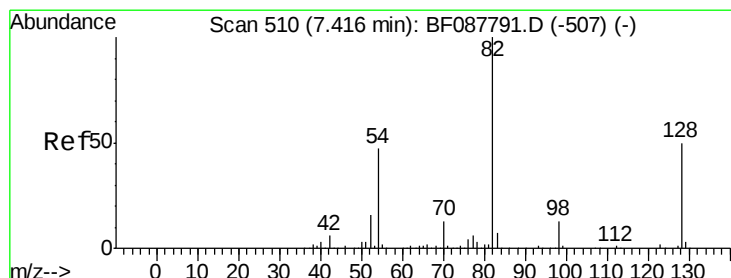
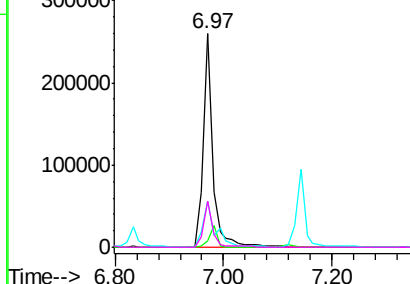
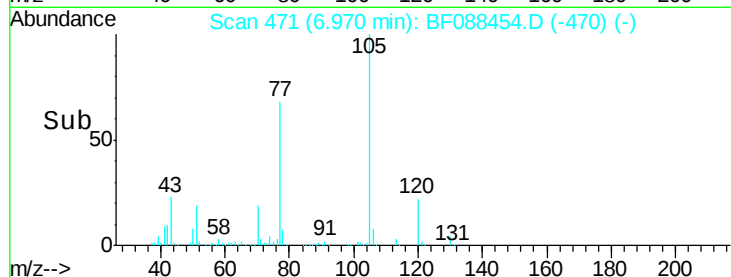


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 70.06 ng

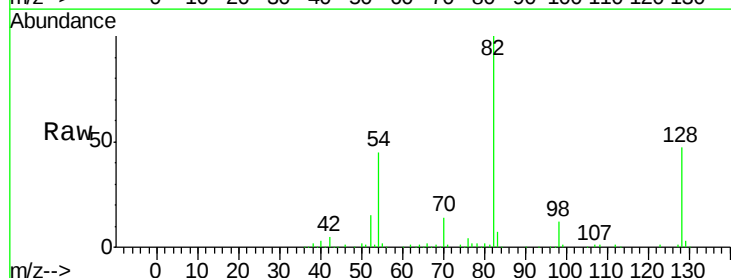
RT: 7.12 min Scan# 484

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

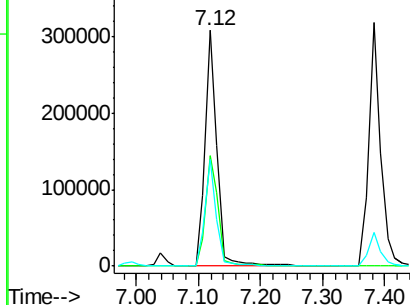
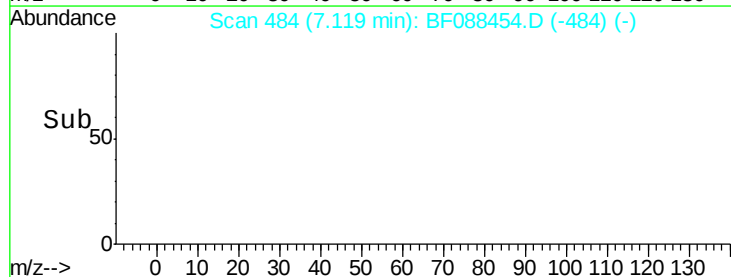
Tgt Ion:	82	Resp:	416431
Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	45.1	40.9	61.3

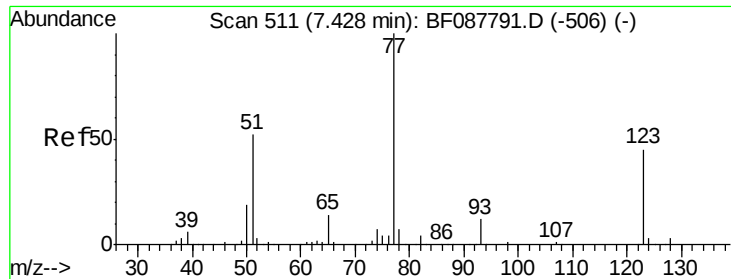


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

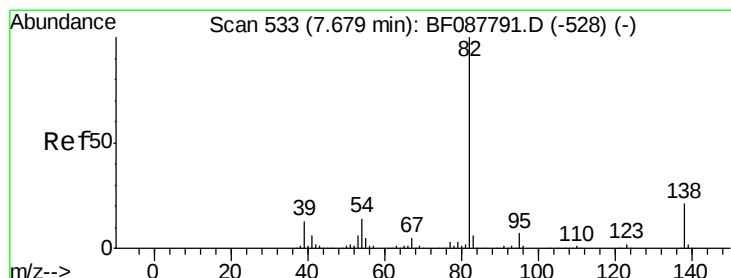
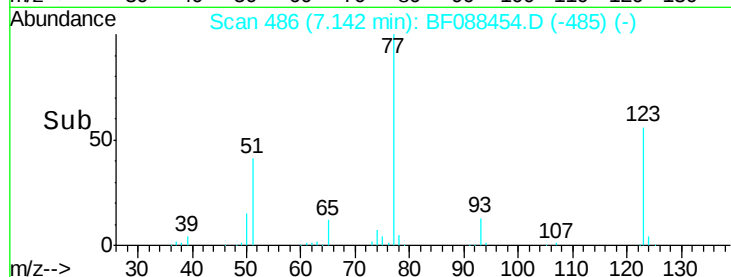
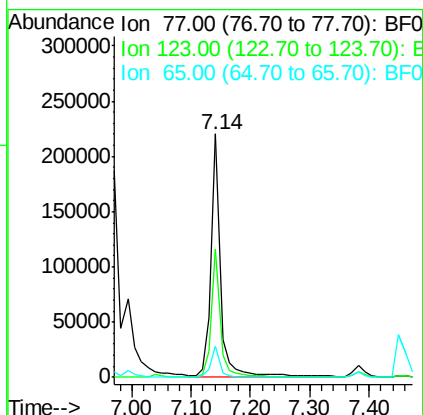
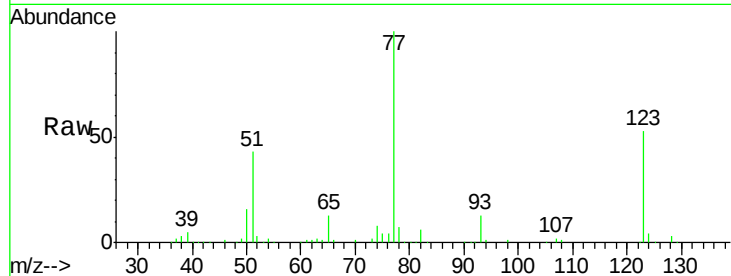




#24
 Nitrobenzene
 Concen: 41.72 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.29 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

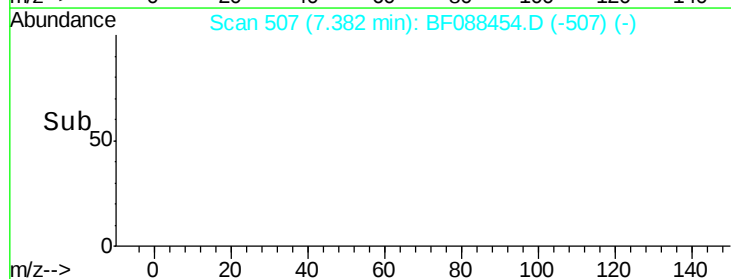
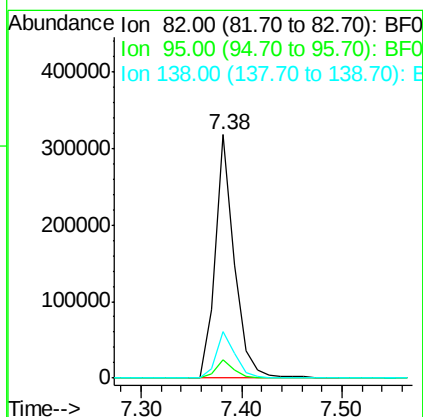
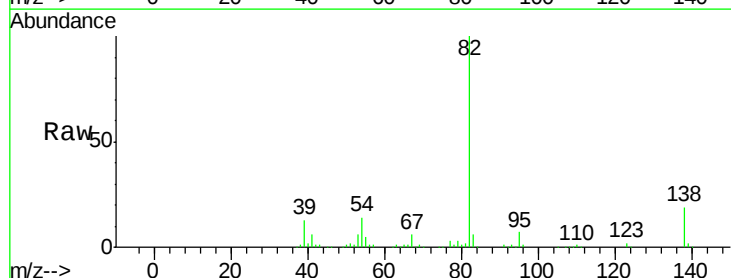
Instrument :
 BNA_F
 ClientSampleId :

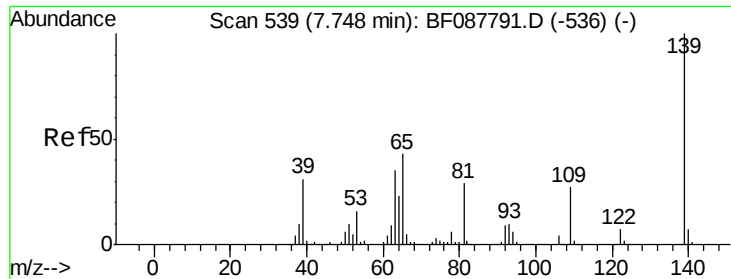
Tot Ion: 77 Resp: 240204
 Ion Ratio Lower Upper
 77 100
 123 52.7 45.0 67.4
 65 12.7 10.2 15.2



#25
 Isophorone
 Concen: 37.93 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.30 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion: 82 Resp: 417566
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.4 8.2
 138 19.0 14.6 21.8

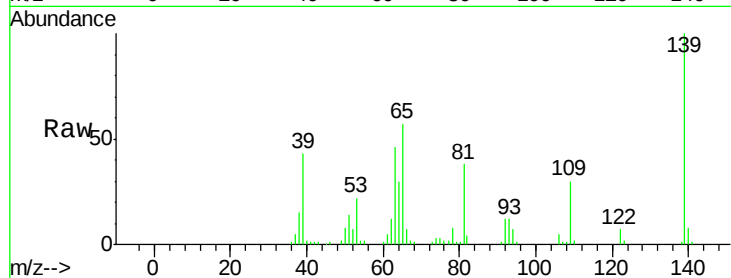




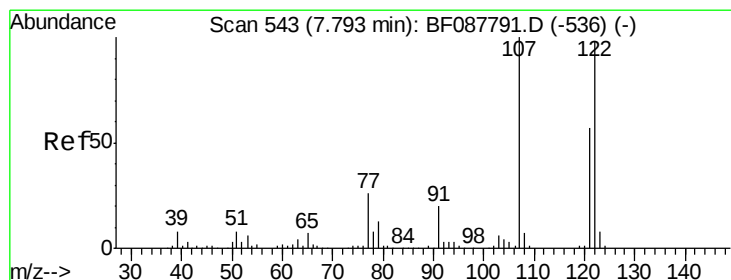
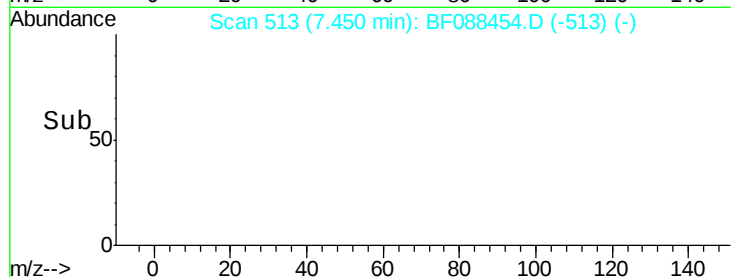
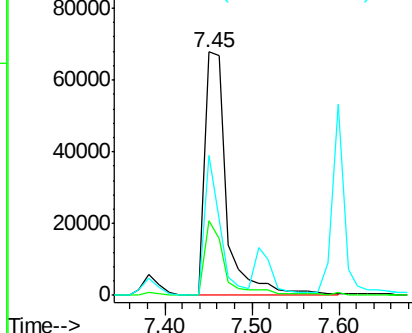
#26
2-Nitrophenol
Concen: 38.80 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 119682
Ion Ratio Lower Upper
139 100
109 30.5 23.0 34.4
65 57.3 45.8 68.8

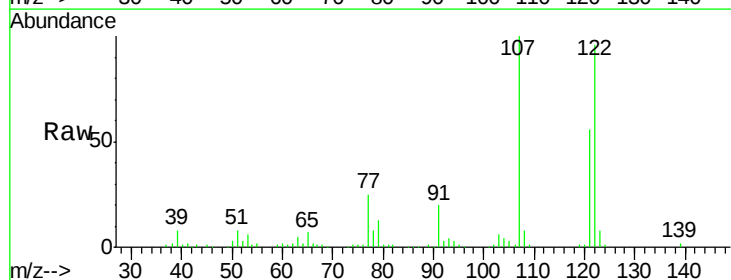


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

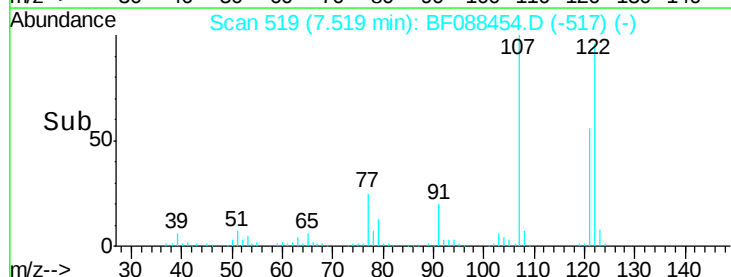
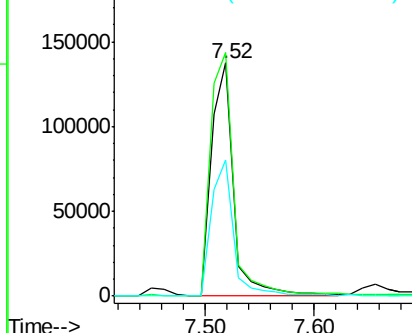


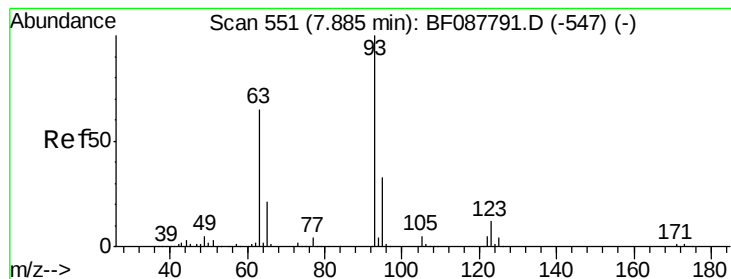
#27
2,4-Dimethylphenol
Concen: 34.37 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.27 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:122 Resp: 195172
Ion Ratio Lower Upper
122 100
107 104.4 82.4 123.6
121 58.6 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 39.61 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

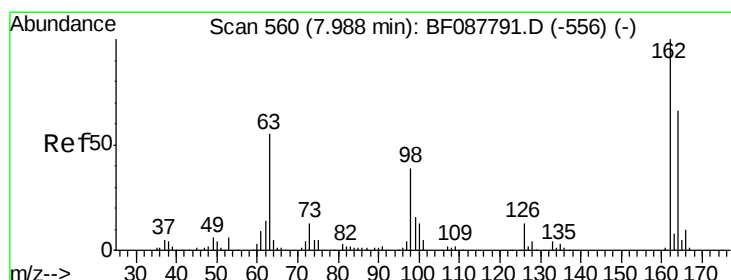
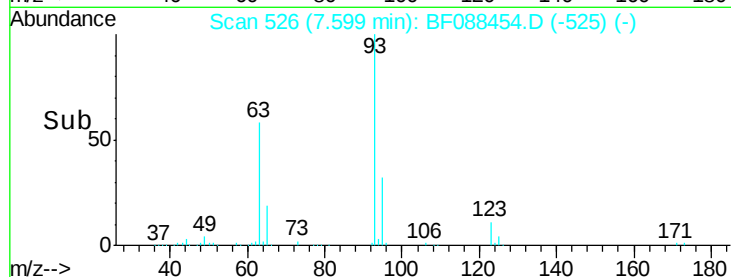
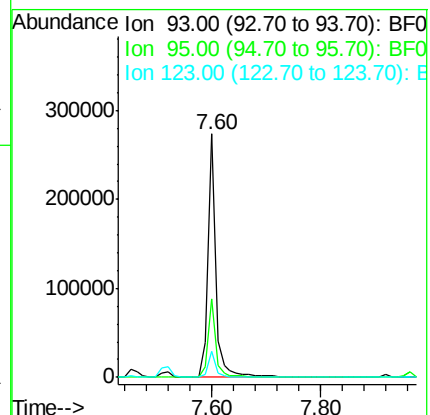
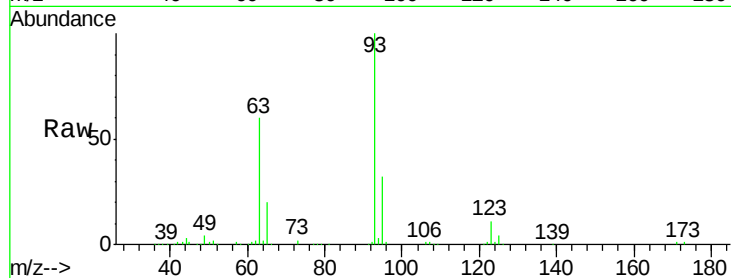
Tot Ion: 93 Resp: 270451

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 10.9 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 39.63 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.27 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

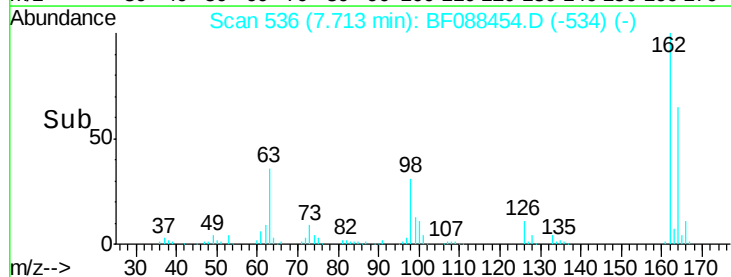
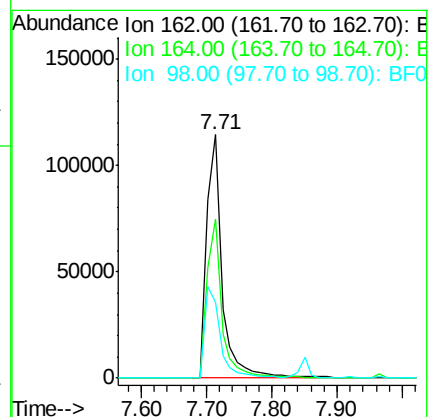
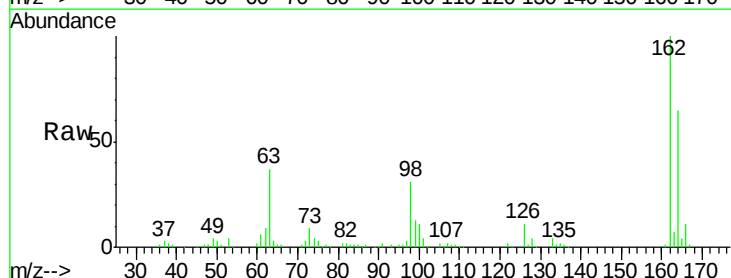
Tgt Ion: 162 Resp: 187892

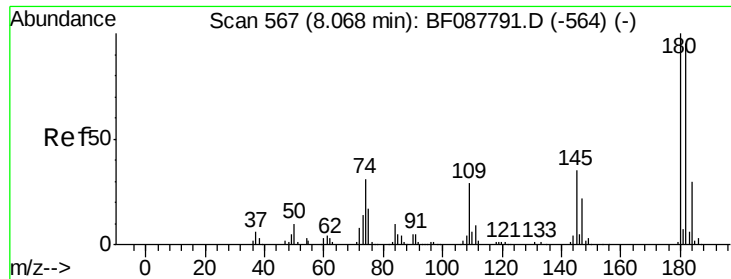
Ion Ratio Lower Upper

162 100

164 65.4 43.8 83.8

98 31.0 21.3 61.3

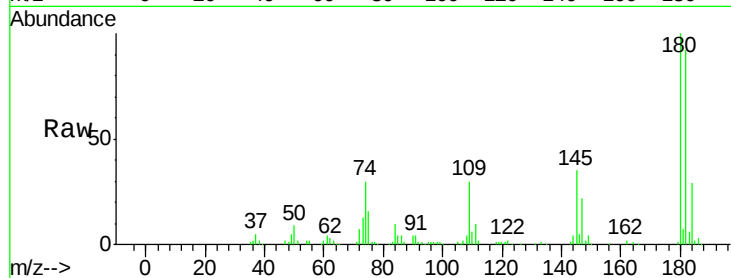




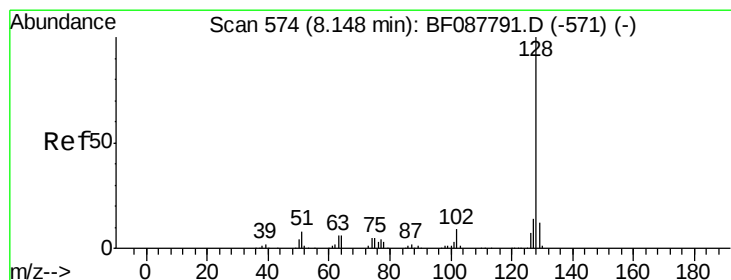
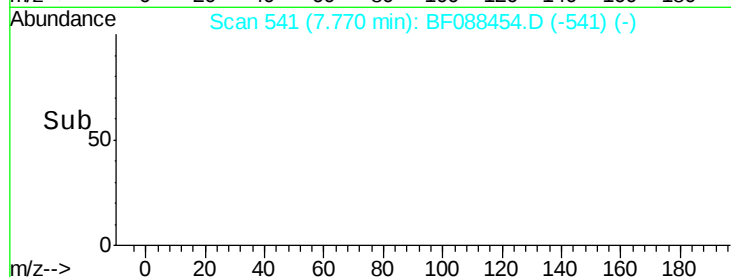
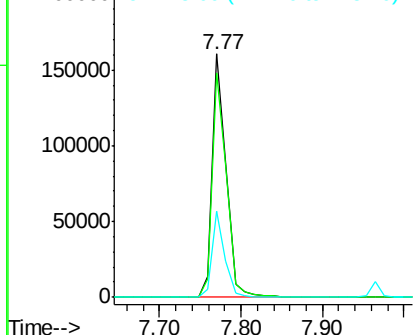
#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.30 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 193842
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.0 114.0
 145 35.4 26.5 39.7

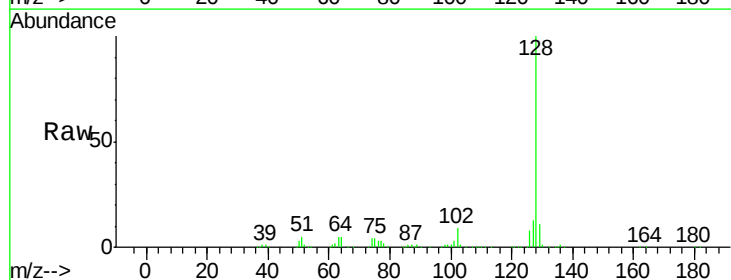


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

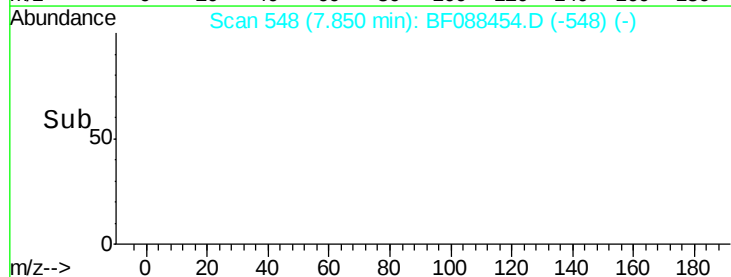
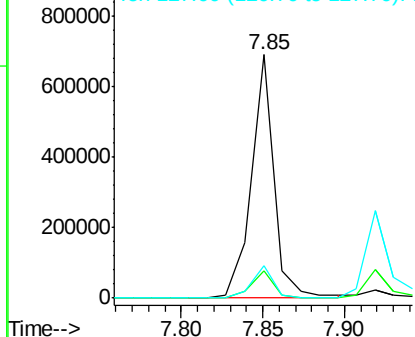


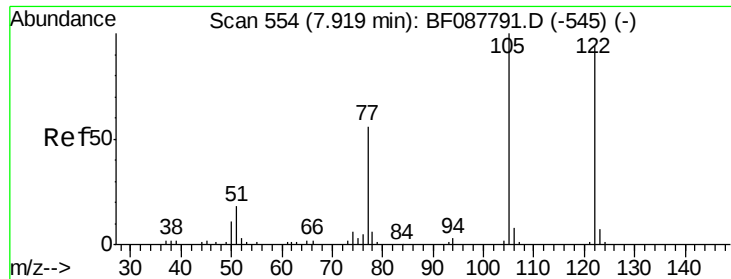
#31
 Naphthalene
 Concen: 38.72 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.30 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:128 Resp: 665127
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.91 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.26 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :

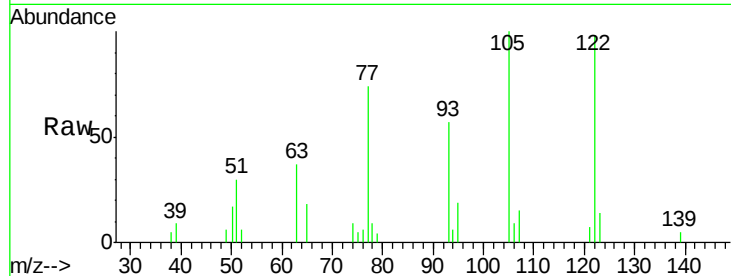
Tot Ion:122 Resp: 12221

Ion Ratio Lower Upper

122 100

105 101.8 101.6 141.6

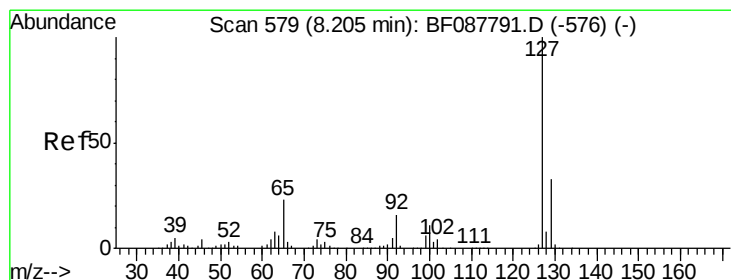
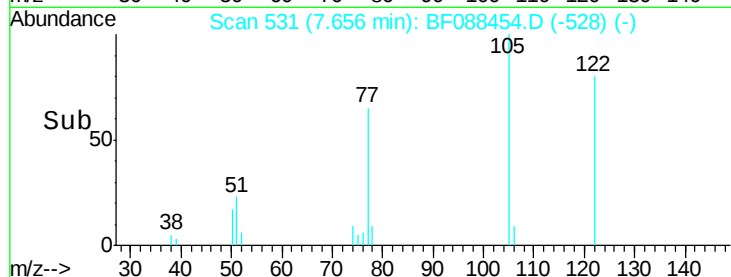
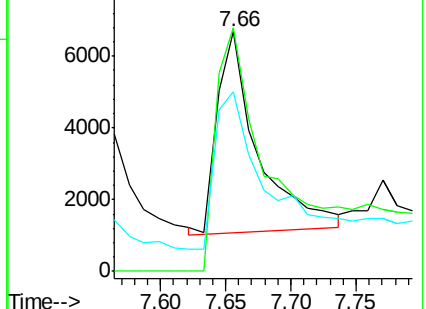
77 75.1 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 37.77 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Tgt Ion:127 Resp: 289671

Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 23.5 24.7 37.1#

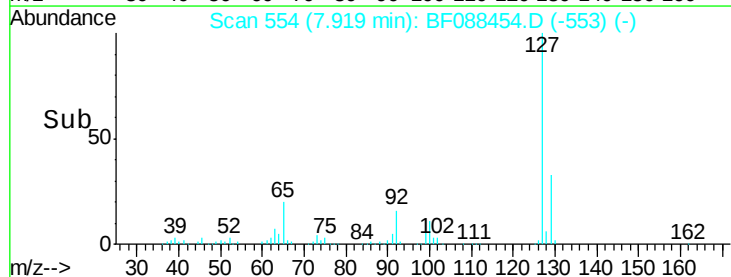
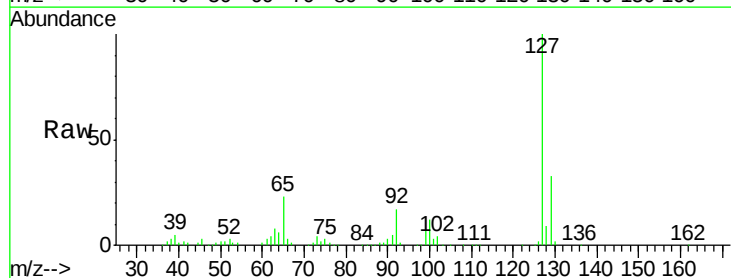
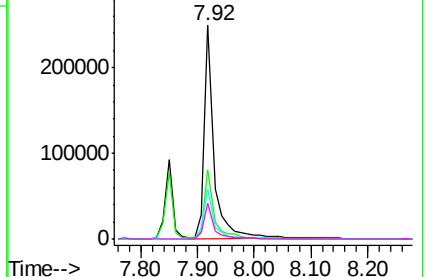
92 17.0 15.4 23.0

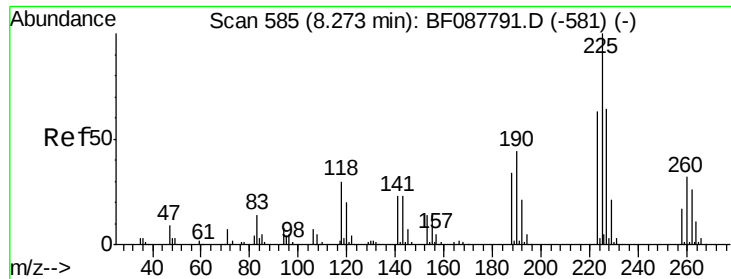
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

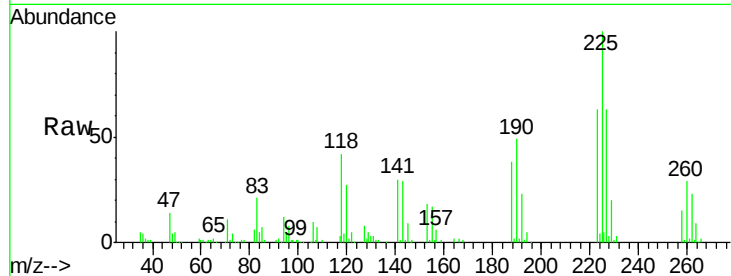




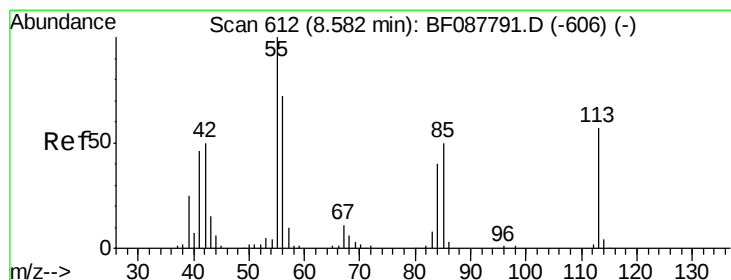
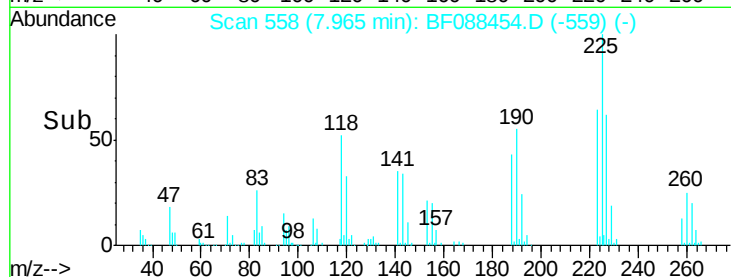
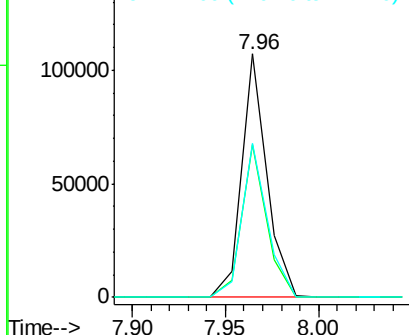
#34
Hexachlorobutadiene
Concen: 36.93 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.2	51.9	77.9

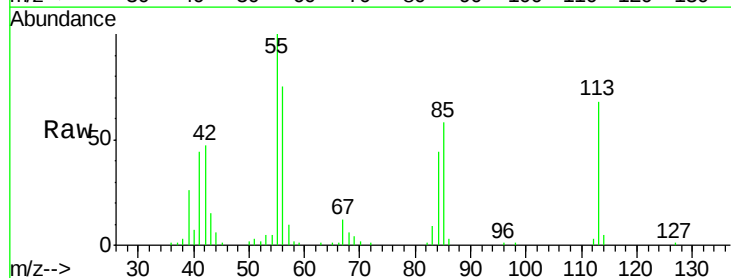


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

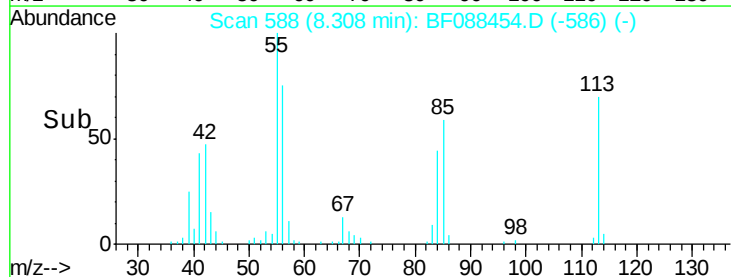
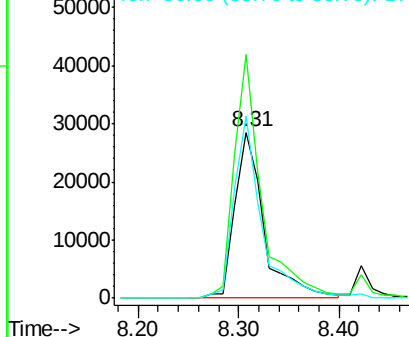


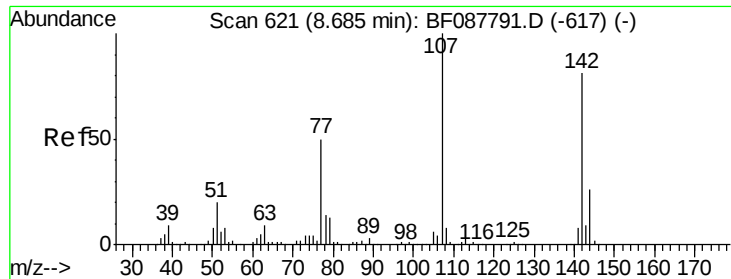
#35
Caprolactam
Concen: 36.37 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.27 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion	Ratio	Lower	Upper
113	100		
55	147.1	158.6	198.6#
56	110.3	110.6	150.6#



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

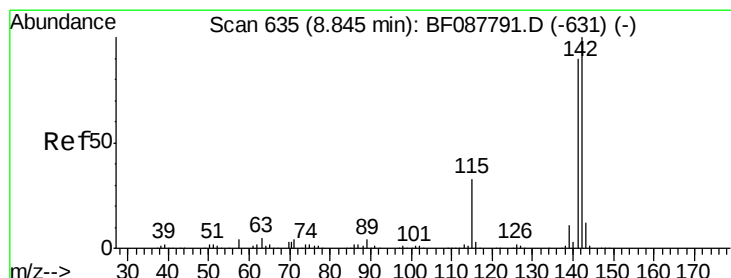
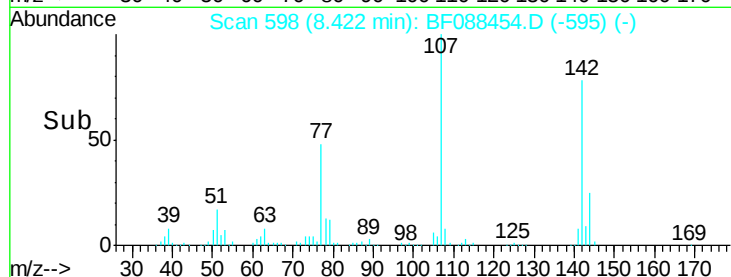
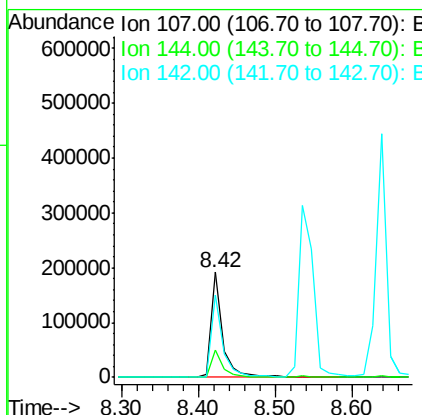
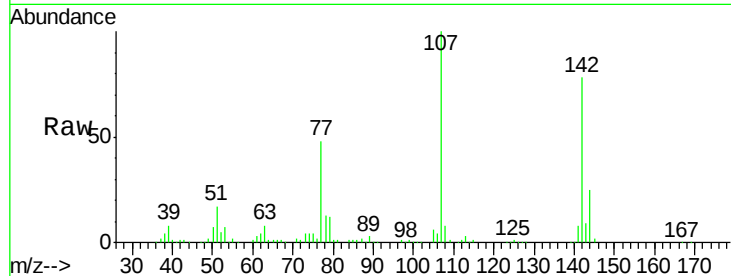




#36
 4-Chloro-3-methylphenol
 Concen: 39.15 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.26 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

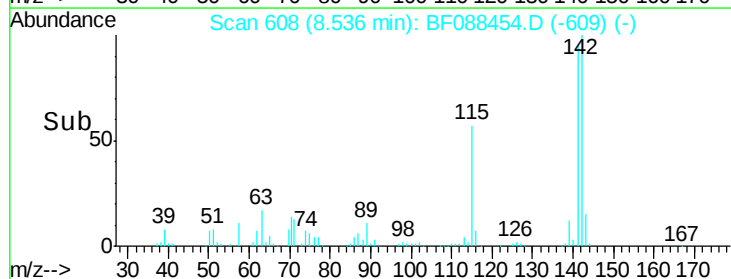
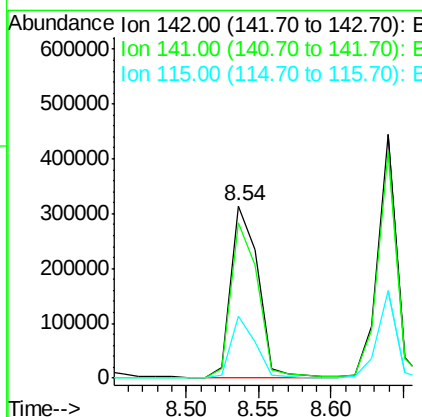
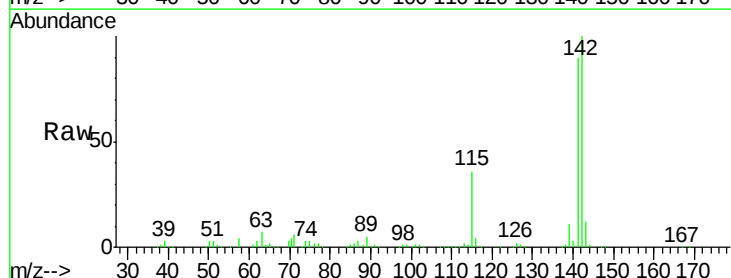
Instrument :
 BNA_F
 ClientSampled :

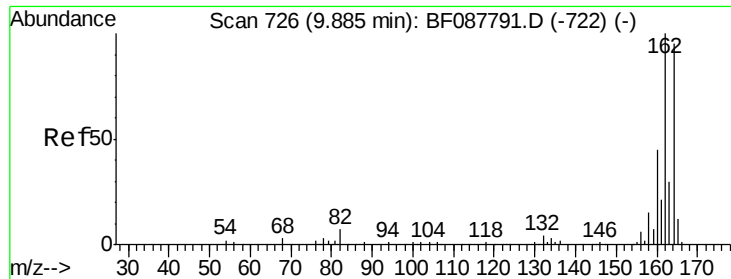
Tot Ion:107 Resp: 198538
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.8 31.2
 142 78.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 36.36 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.31 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:142 Resp: 411659
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 35.7 22.6 33.8#

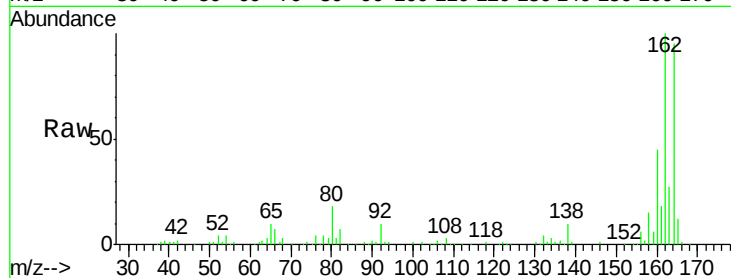




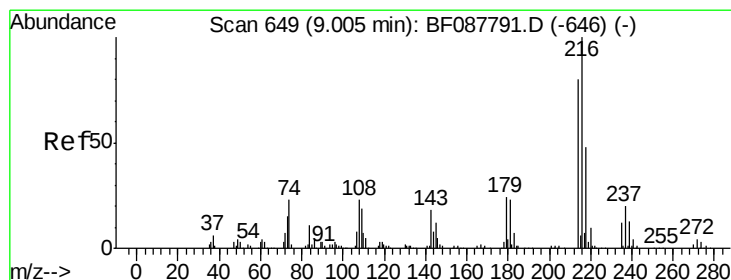
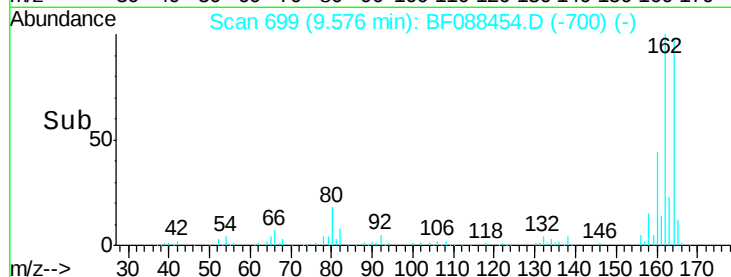
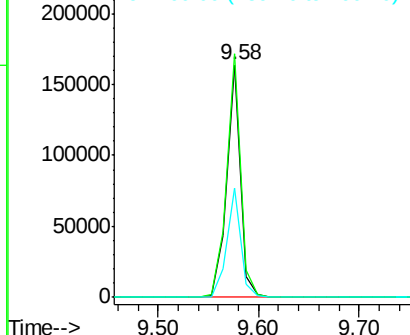
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 156507
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 46.8 39.5 59.3

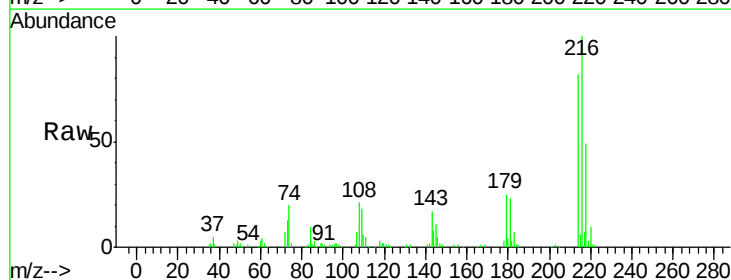


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

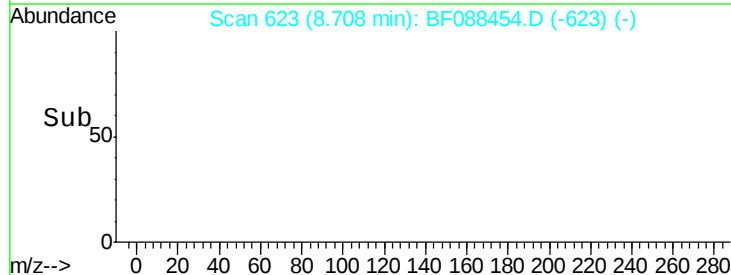
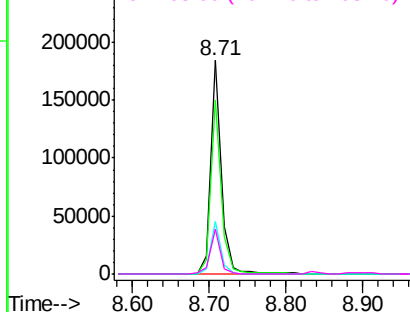


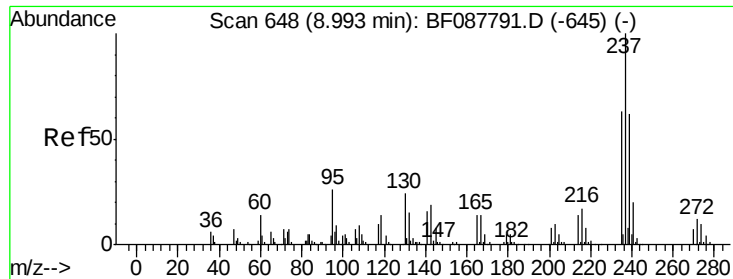
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.51 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:216 Resp: 176443
Ion Ratio Lower Upper
216 100
214 80.5 2.9 4.3#
179 23.1 0.0 0.0#
108 19.7 0.5 0.7#



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

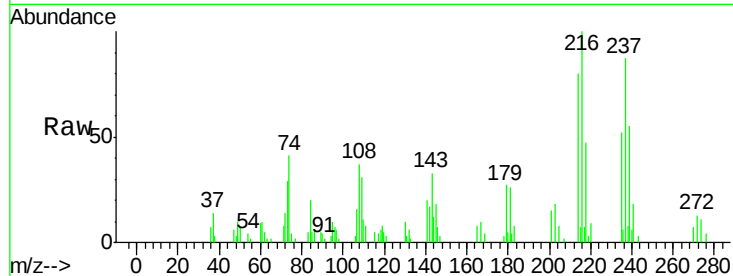




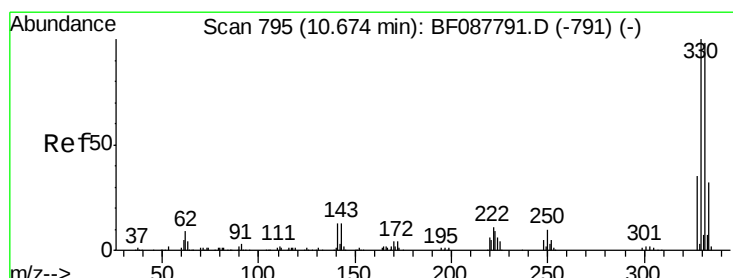
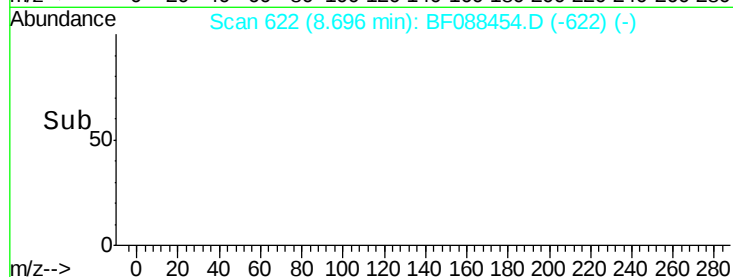
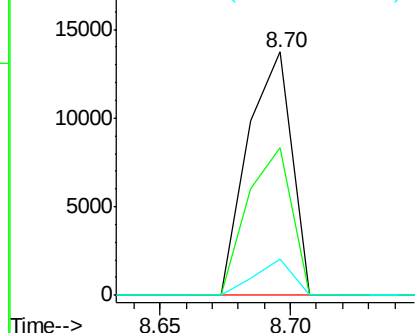
#40
Hexachlorocyclopentadiene
Concen: 6.40 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 16162
Ion Ratio Lower Upper
237 100
235 60.4 43.4 83.4
272 15.1 0.0 32.3

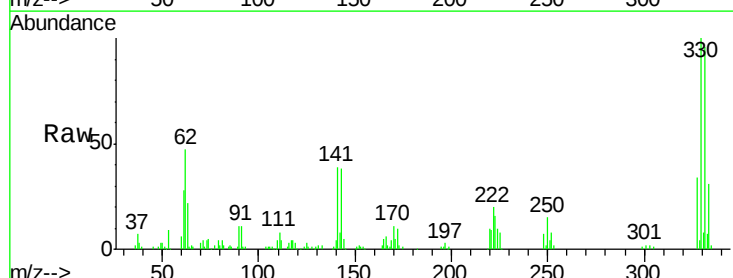


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

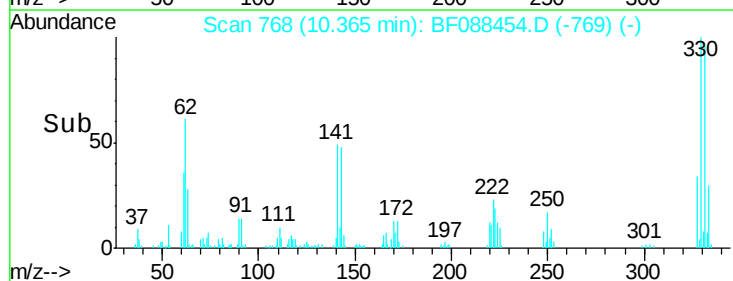
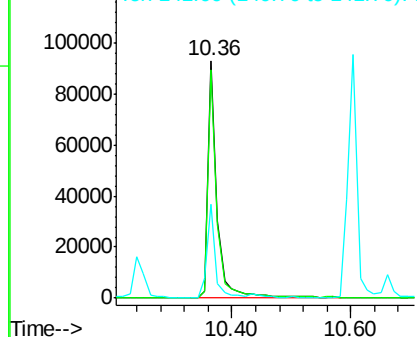


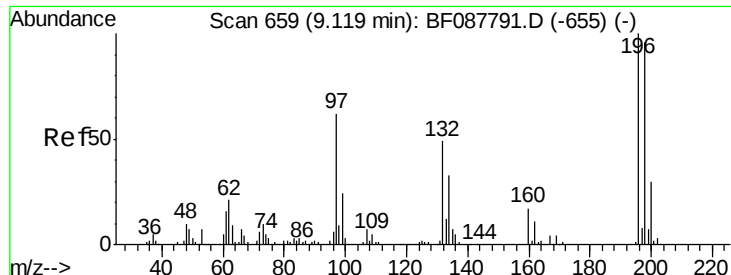
#41
2,4,6-Tribromophenol
Concen: 62.54 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:330 Resp: 103351
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 36.8 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: 35.40 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :

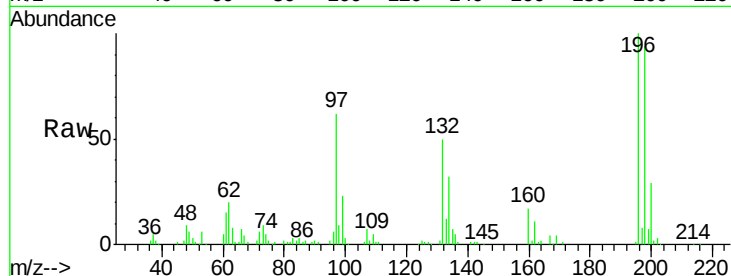
Tot Ion:196 Resp: 110796

Ion Ratio Lower Upper

196 100

198 93.9 78.0 117.0

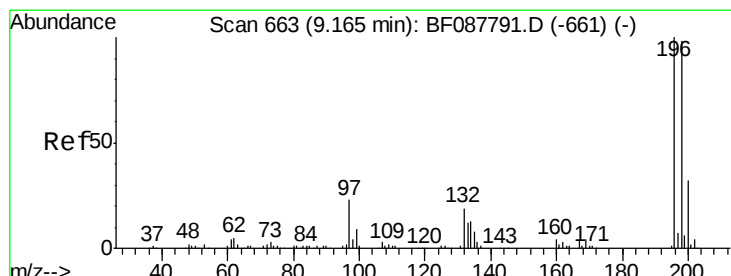
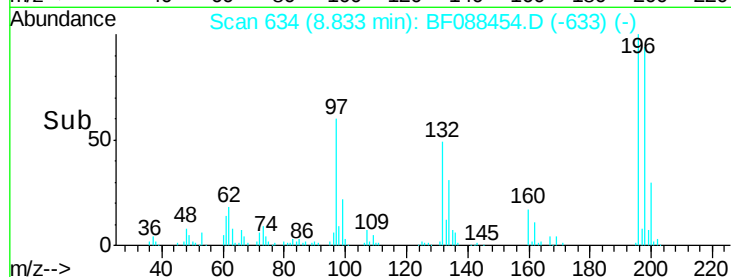
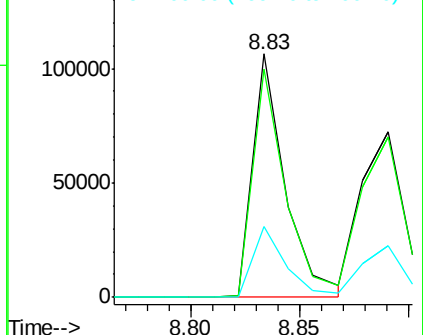
200 29.3 25.4 38.2



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: 36.05 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.27 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Tgt Ion:196 Resp: 117384

Ion Ratio Lower Upper

196 100

198 96.6 77.5 116.3

97 40.9 32.0 48.0

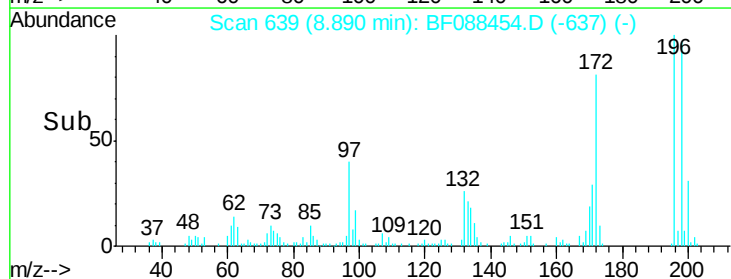
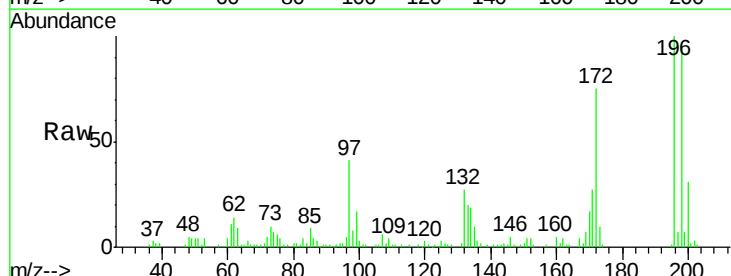
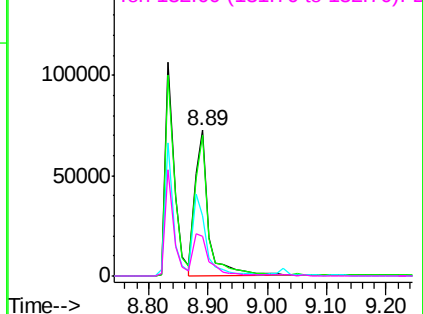
132 26.9 20.9 31.3

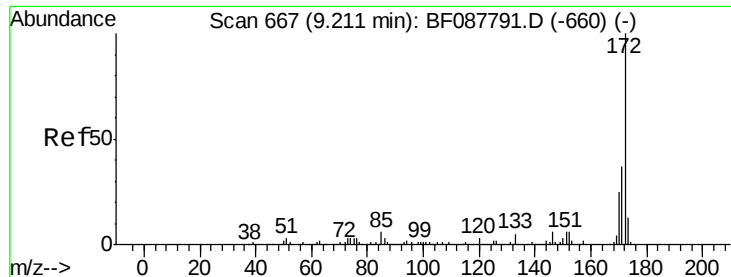
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 82.66 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

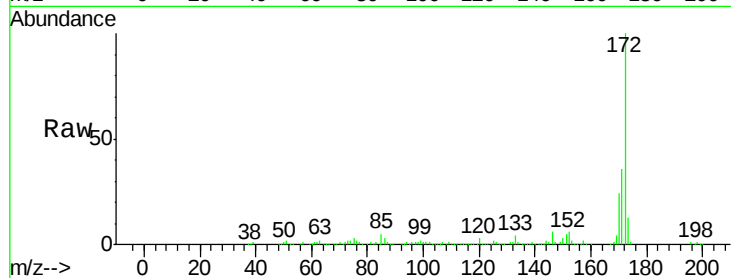
Tot Ion:172 Resp: 825051

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

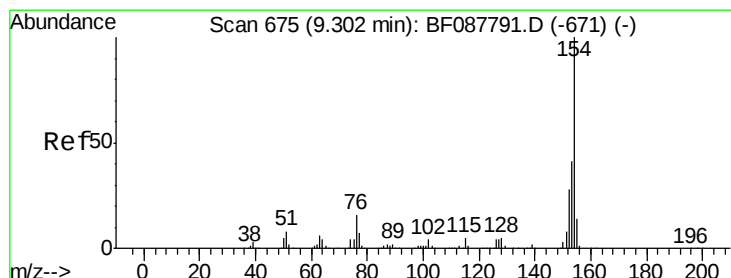
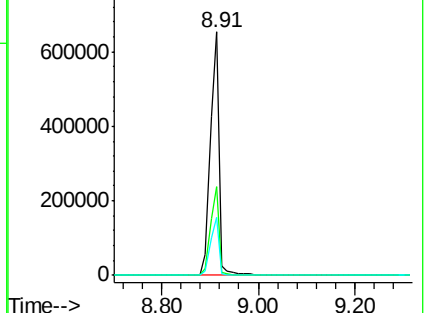
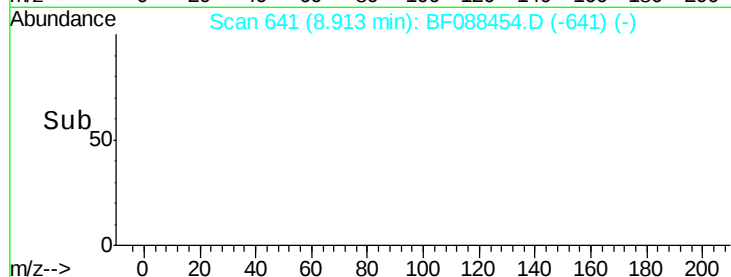
170 24.1 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.44 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

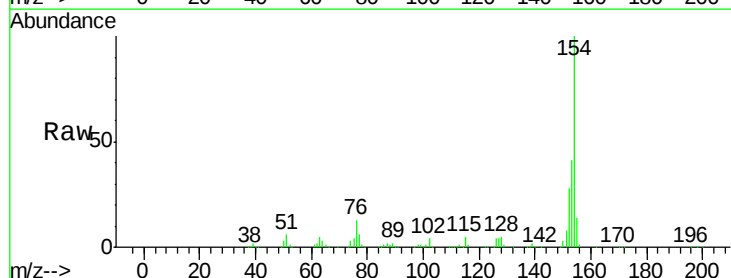
Tgt Ion:154 Resp: 482486

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

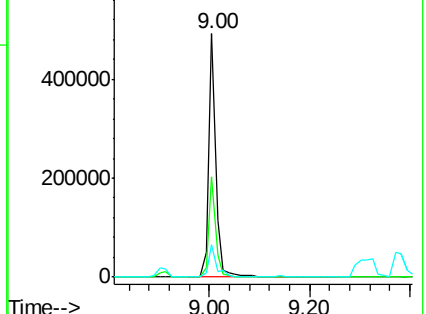
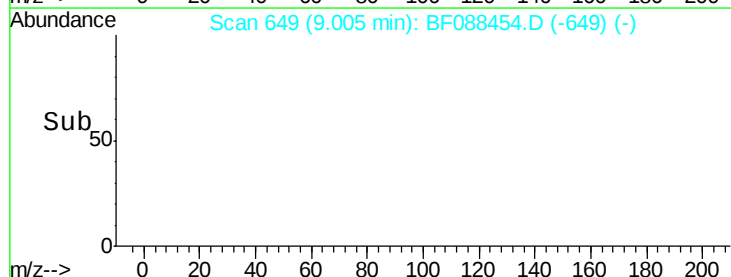
76 13.4 0.0 35.1

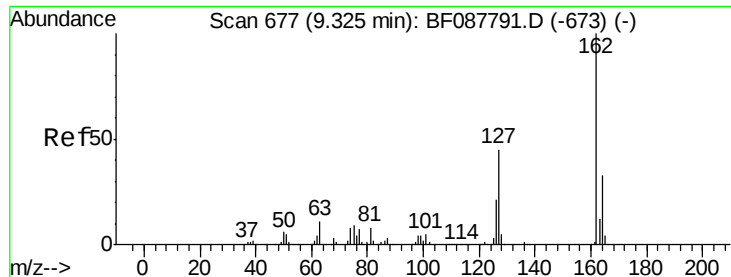


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

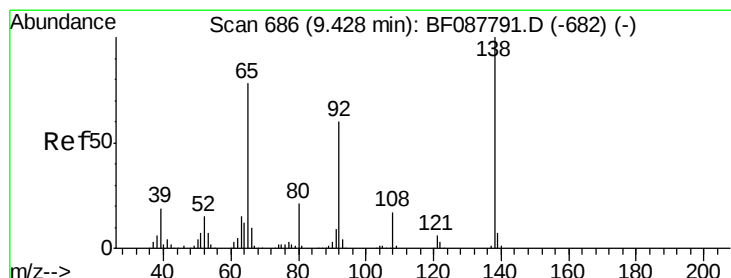
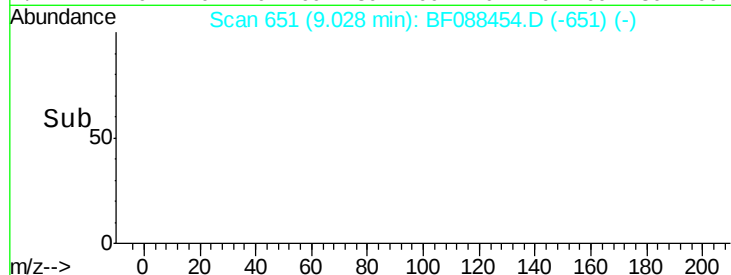
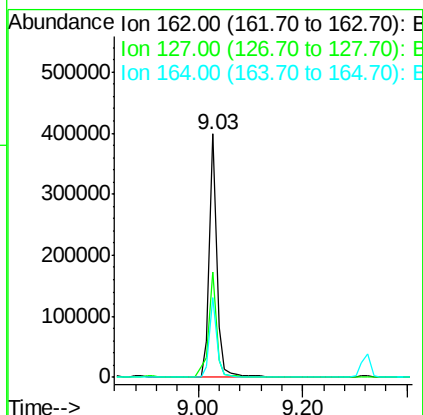
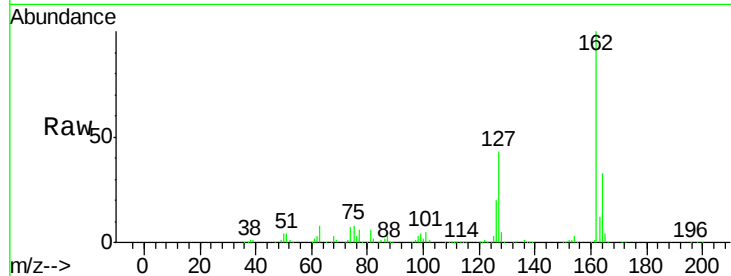




#46
2-Chloronaphthalene
Concen: 39.54 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

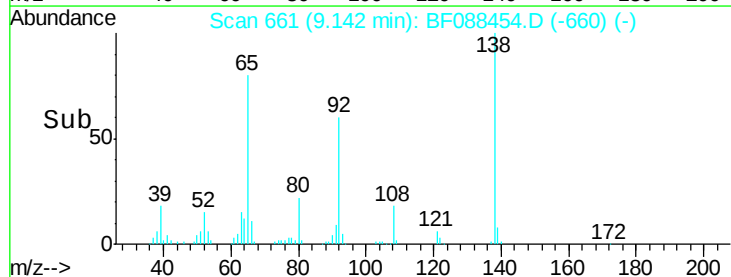
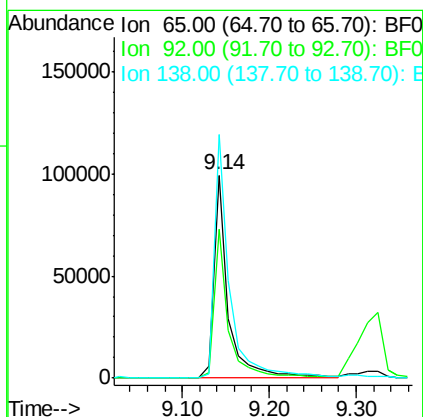
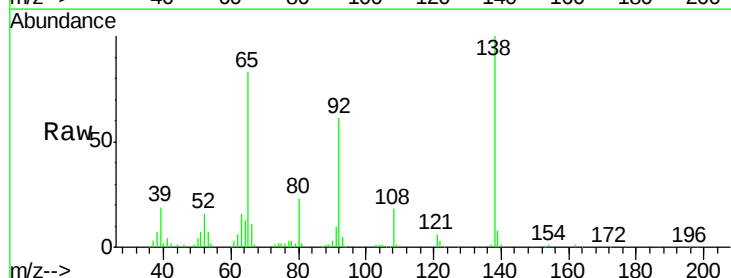
Instrument :
BNA_F
ClientSampled :

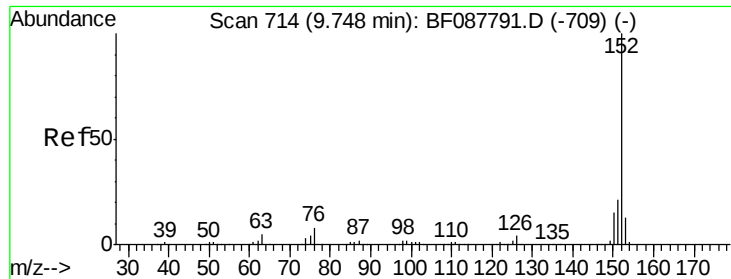
Tot Ion:162 Resp: 400480
Ion Ratio Lower Upper
162 100
127 43.4 35.2 52.8
164 33.0 26.6 39.8



#47
2-Nitroaniline
Concen: 38.70 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.29 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion: 65 Resp: 115620
Ion Ratio Lower Upper
65 100
92 73.4 54.6 82.0
138 120.1 77.0 115.4#





#48

Acenaphthylene

Concen: 39.78 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

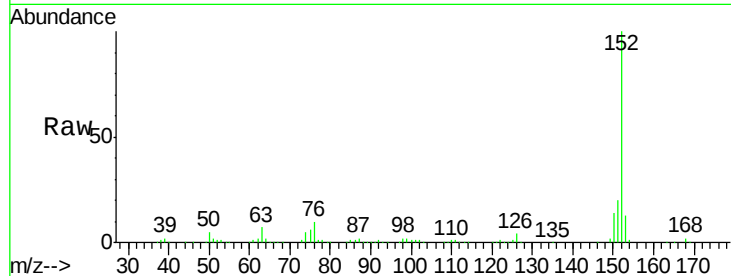
Tot Ion:152 Resp: 640842

Ion Ratio Lower Upper

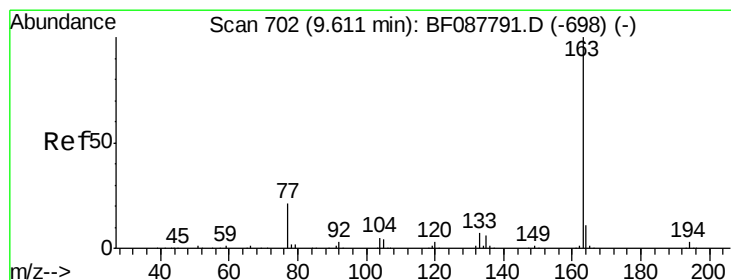
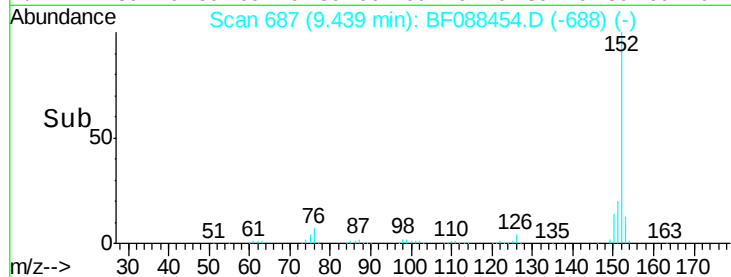
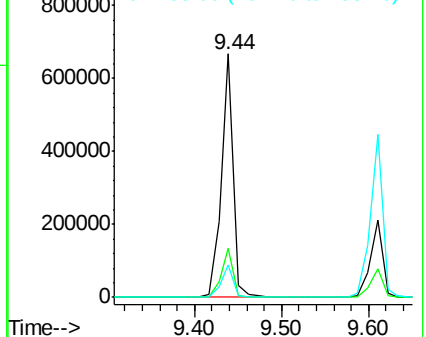
152 100

151 20.3 16.2 24.4

153 13.3 11.0 16.6



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: 42.36 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

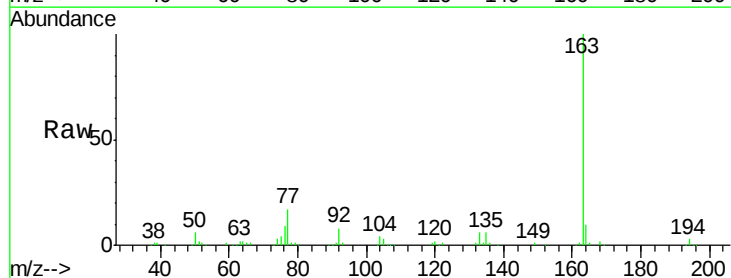
Tgt Ion:163 Resp: 480255

Ion Ratio Lower Upper

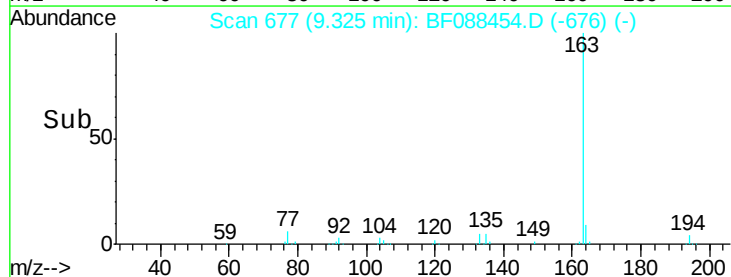
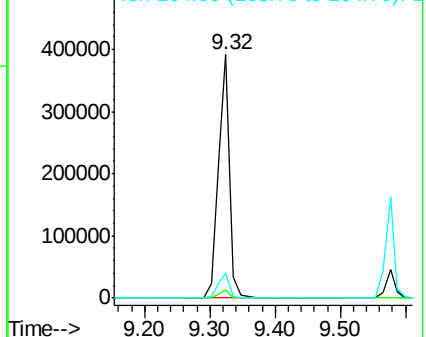
163 100

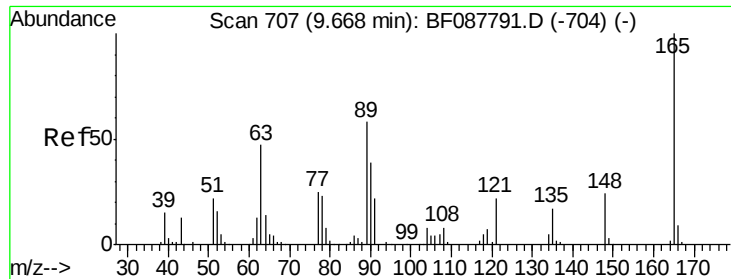
194 3.4 2.8 4.2

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

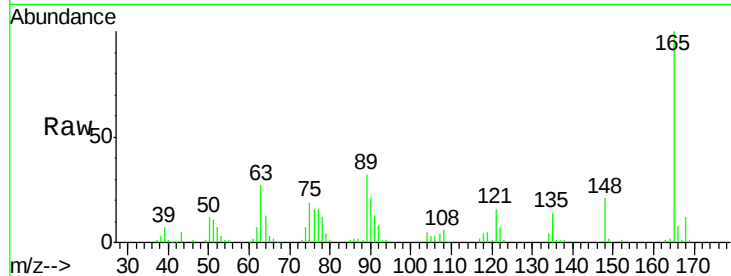




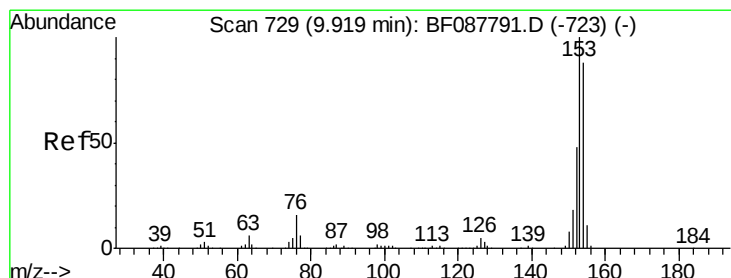
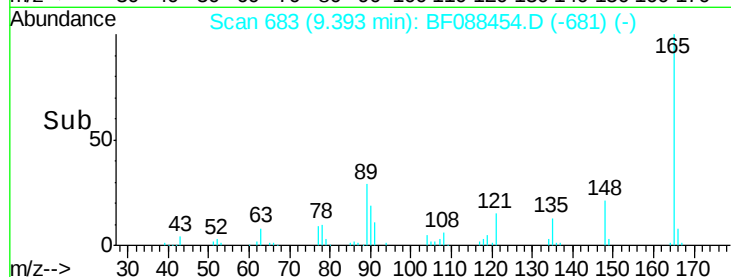
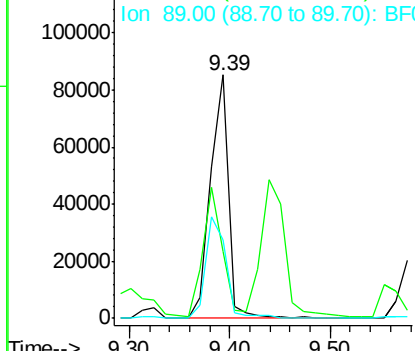
#50
 2,6-Dinitrotoluene
 Concen: 40.73 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.27 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 105744
 Ion Ratio Lower Upper
 165 100
 63 27.3 28.1 42.1#
 89 32.1 32.2 48.2#

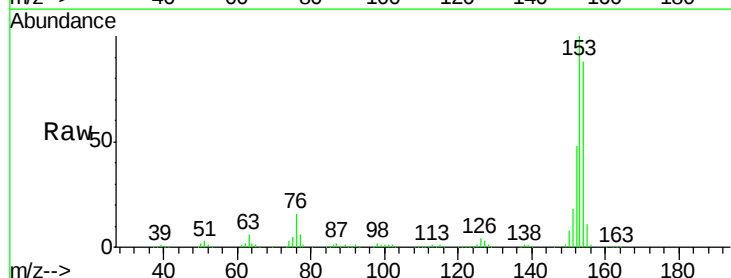


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

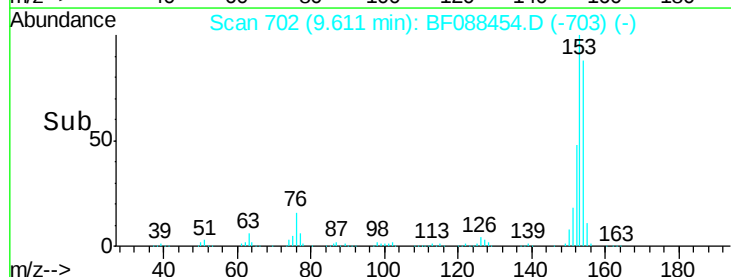
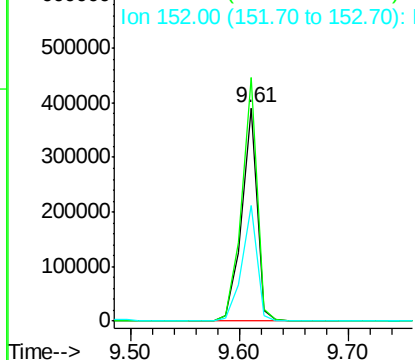


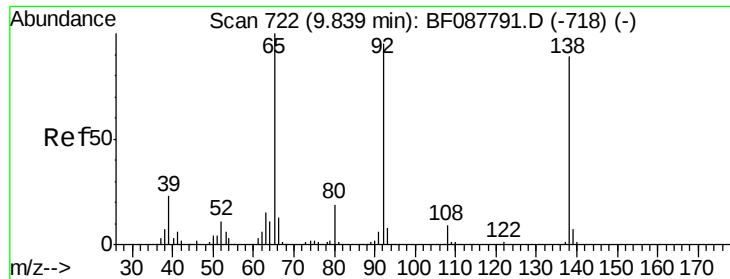
#51
 Acenaphthene
 Concen: 37.79 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.31 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:154 Resp: 379800
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.5 134.3
 152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

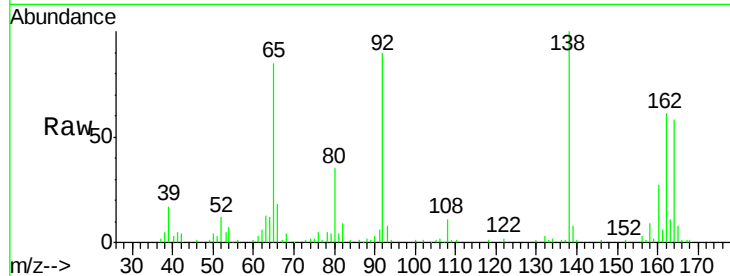




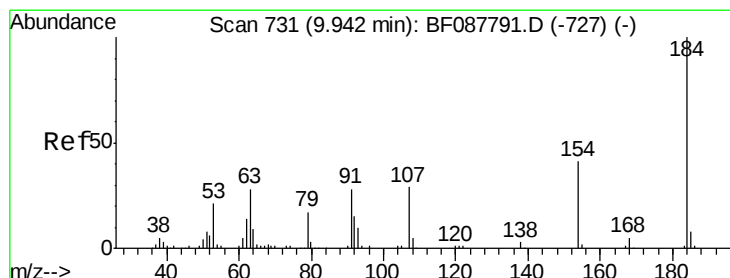
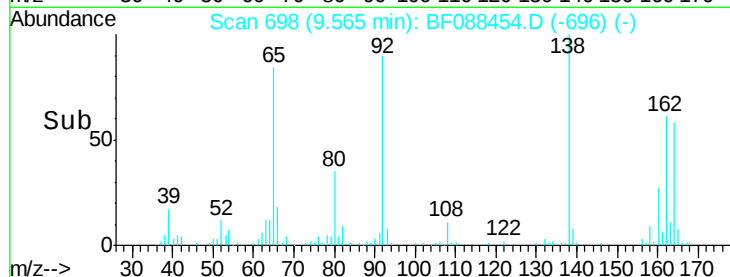
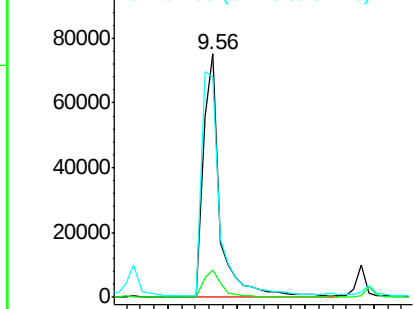
#52
3-Nitroaniline
Concen: 42.08 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.27 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 126070
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 90.5 95.7 143.5#

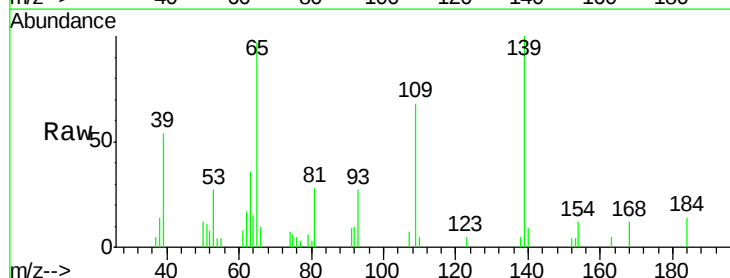


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

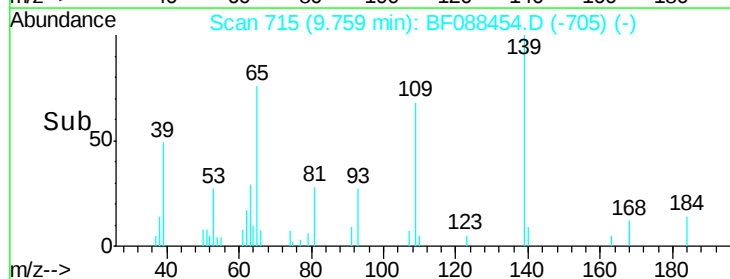
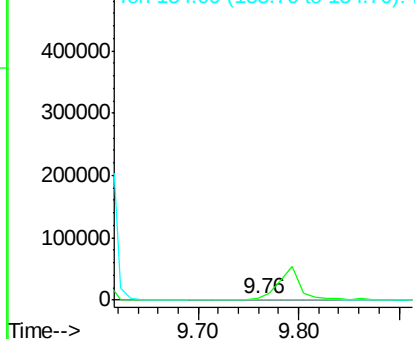


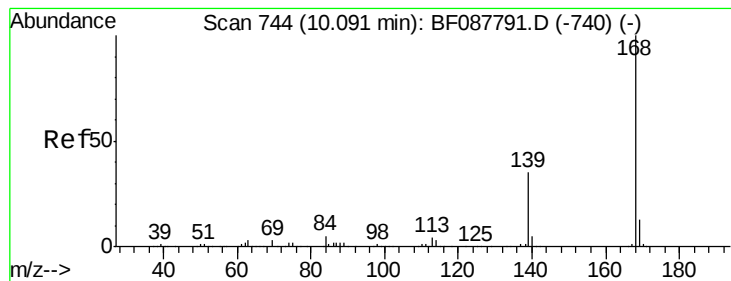
#53
2,4-Dinitrophenol
Concen: 7.50 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.18 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:184 Resp: 5207
Ion Ratio Lower Upper
184 100
63 258.7 57.6 86.4#
154 81.8 53.5 80.3#



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





#54

Dibenzofuran

Concen: 40.12 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

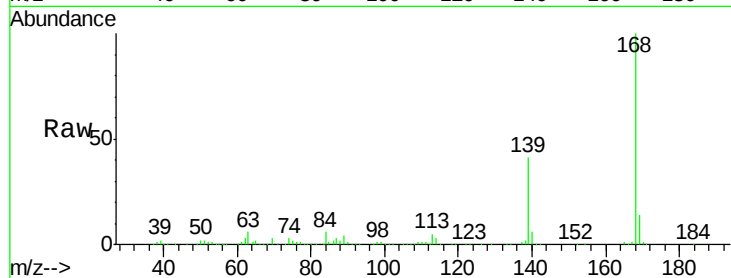
Tot Ion:168 Resp: 555250

Ion Ratio Lower Upper

168 100

139 40.9 26.4 39.6#

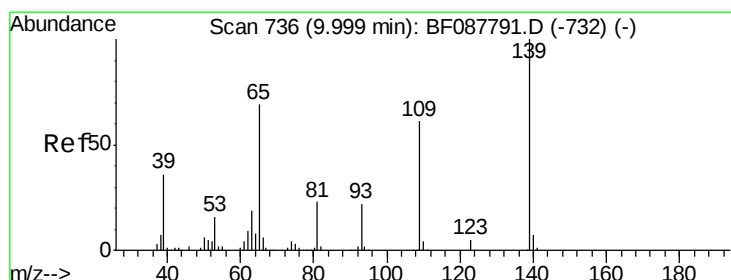
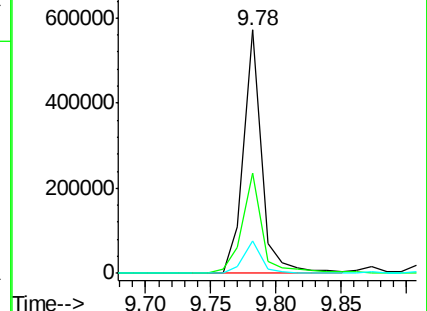
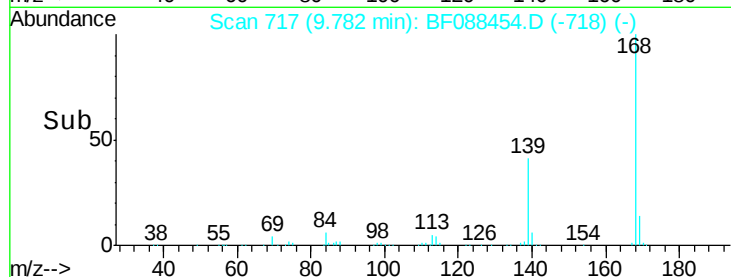
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 113.60 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

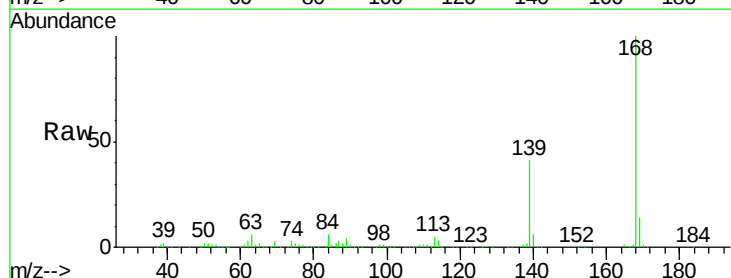
Tgt Ion:139 Resp: 264151

Ion Ratio Lower Upper

139 100

109 2.9 48.9 88.9#

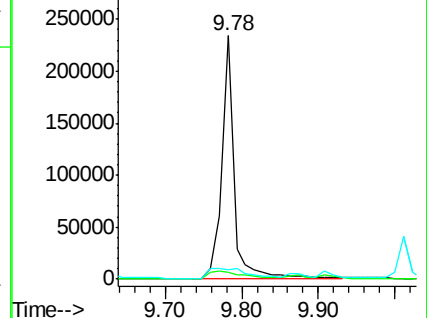
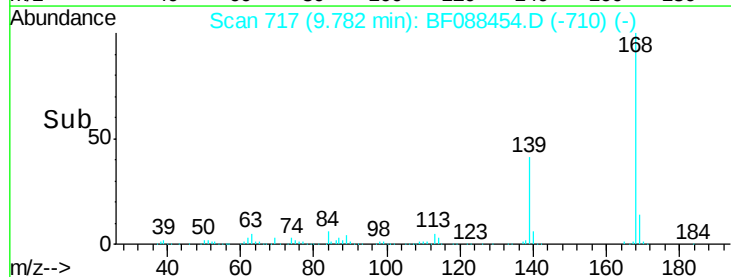
65 3.9 84.9 124.9#

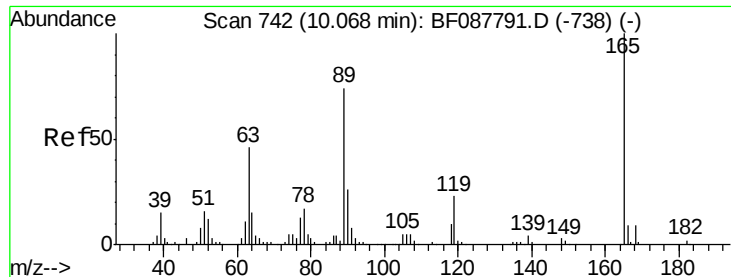


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.93 ng

RT: 9.79 min Scan# 718

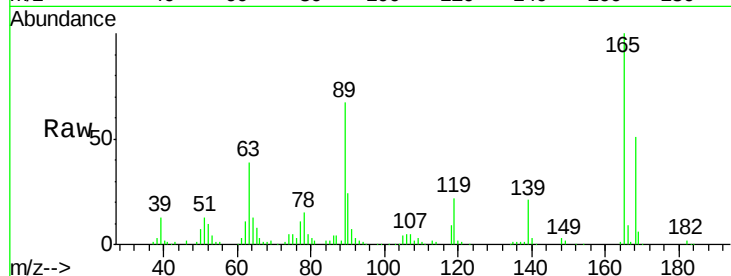
Delta R.T. -0.27 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	143236
Ion Ratio	Lower	Upper
165	100	
63	38.8	22.0 33.0#
89	66.9	41.1 61.7#
182	2.3	2.0 3.0

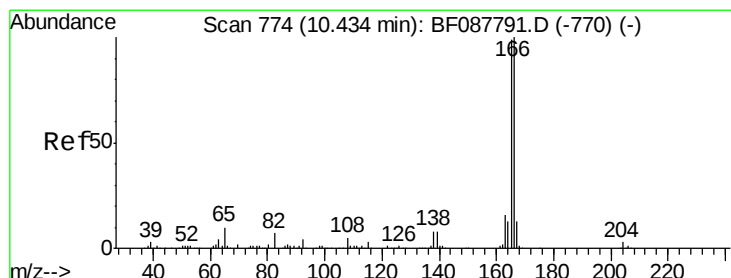
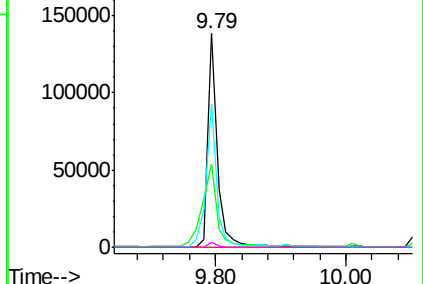
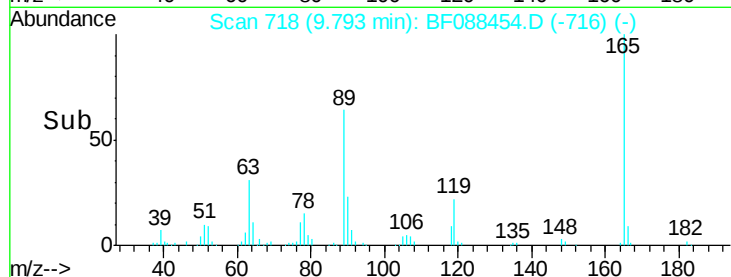


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 47.93 ng

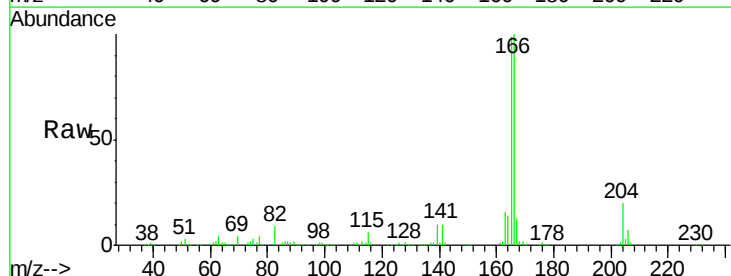
RT: 10.12 min Scan# 747

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

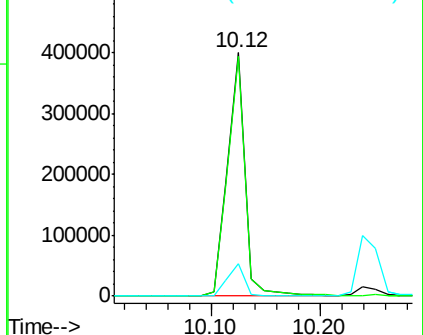
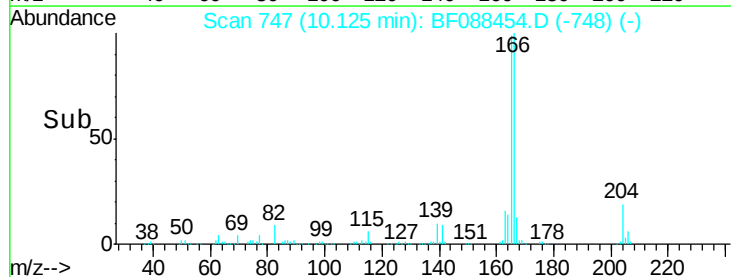
Tgt Ion:166	Resp:	445314
Ion Ratio	Lower	Upper
166	100	
165	98.5	77.8 116.8
167	13.1	11.2 16.8

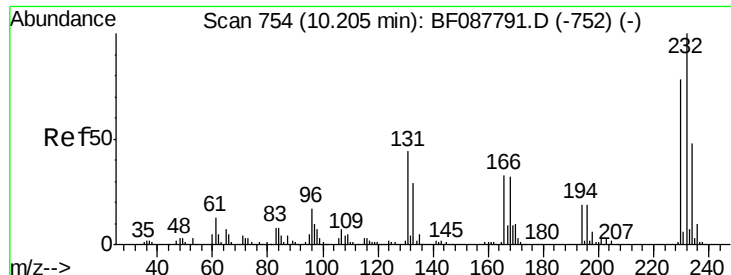


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

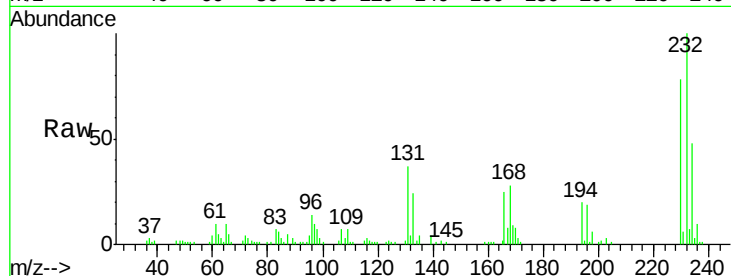




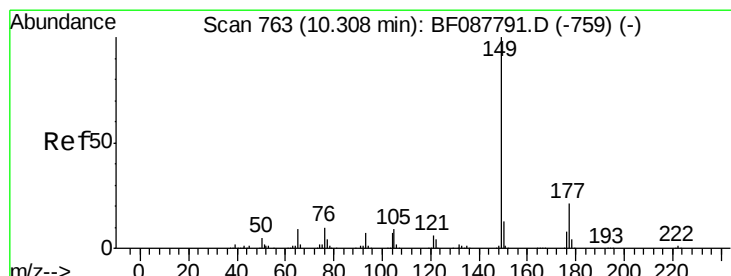
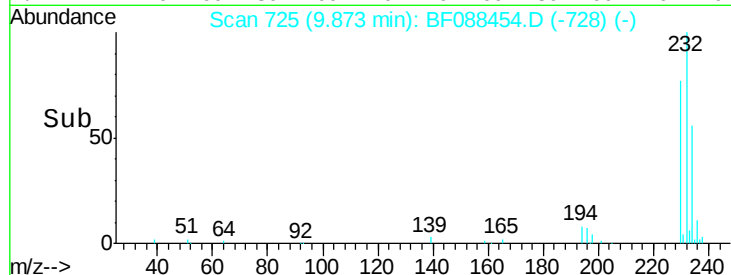
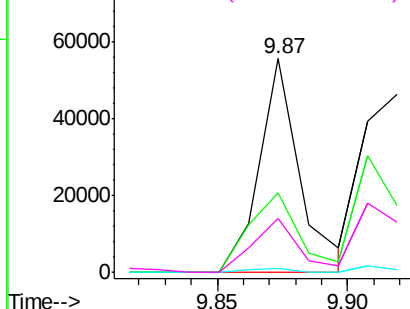
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.25 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.33 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 59483
 Ion Ratio Lower Upper
 232 100
 131 46.6 0.9 1.3#
 130 2.0 1.5 2.3
 166 28.9 0.5 0.7#

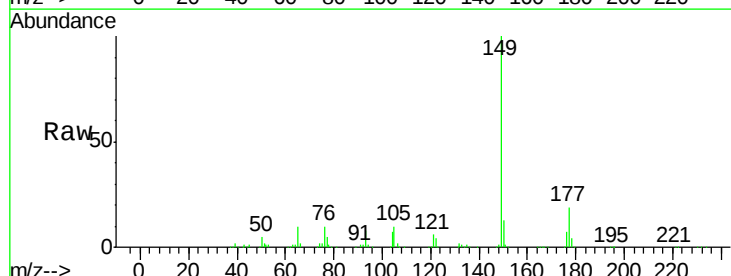


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

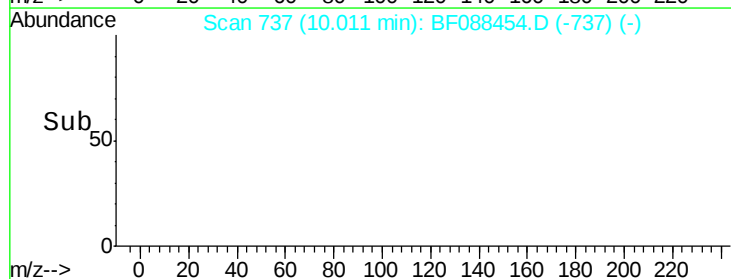
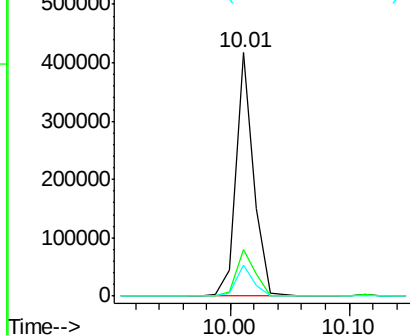


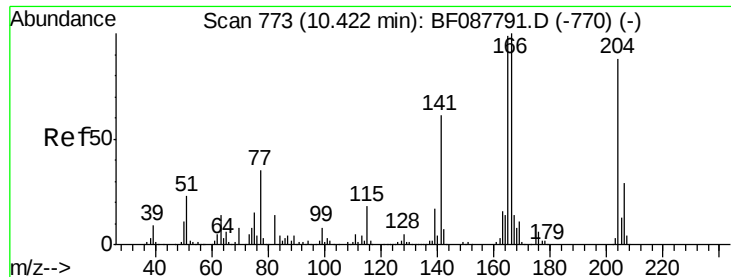
#59
 Diethylphthalate
 Concen: 37.40 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.30 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:149 Resp: 429154
 Ion Ratio Lower Upper
 149 100
 177 19.0 16.9 25.3
 150 12.7 10.1 15.1



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

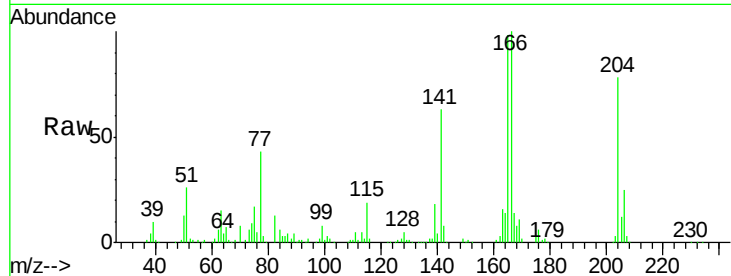




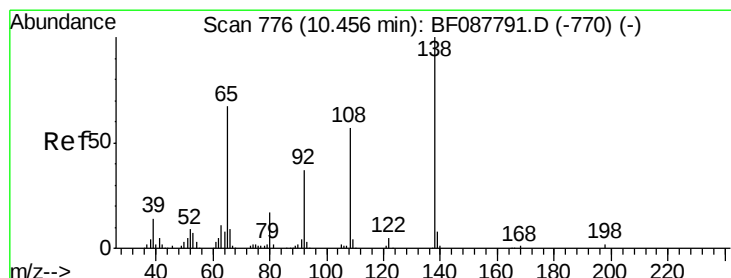
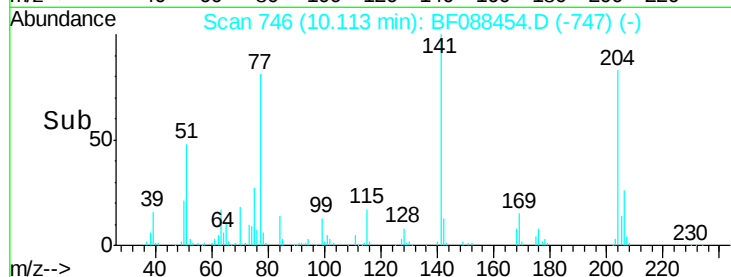
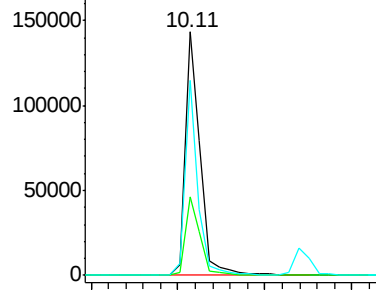
#60
 4-Chlorophenyl-phenylether
 Concen: 37.49 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 172566
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.3 39.5
 141 80.2 55.0 82.6

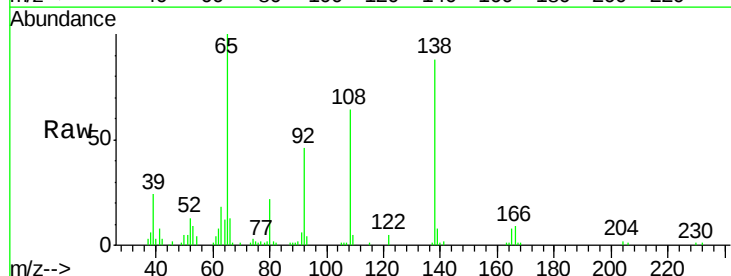


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

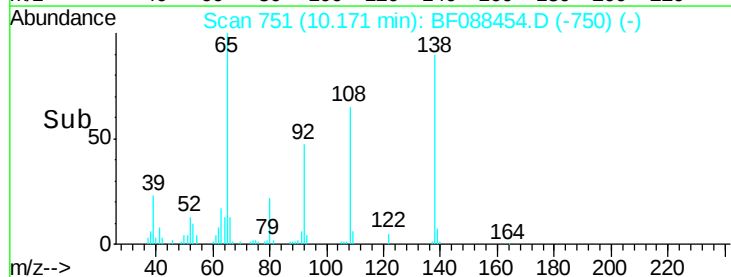
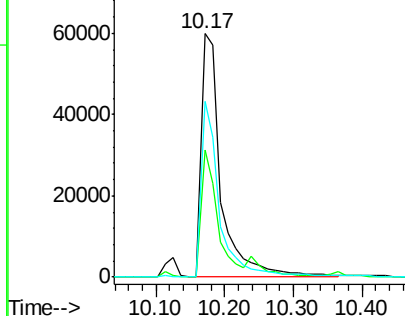


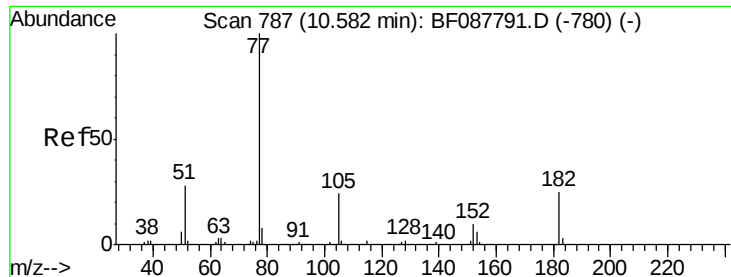
#61
 4-Nitroaniline
 Concen: 42.12 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:138 Resp: 119709
 Ion Ratio Lower Upper
 138 100
 92 52.2 27.3 67.3
 108 72.1 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 38.39 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 435607

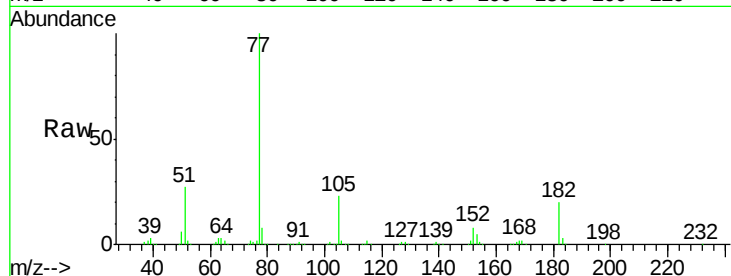
Ion Ratio Lower Upper

77 100

182 19.7 4.4 44.4

105 23.0 3.8 43.8

51 27.2 9.3 49.3

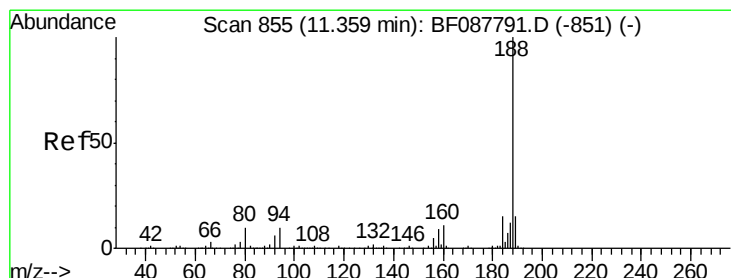
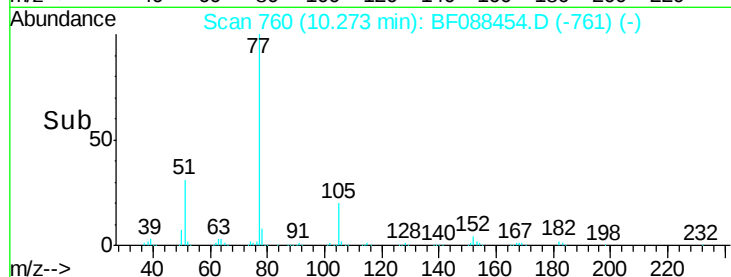
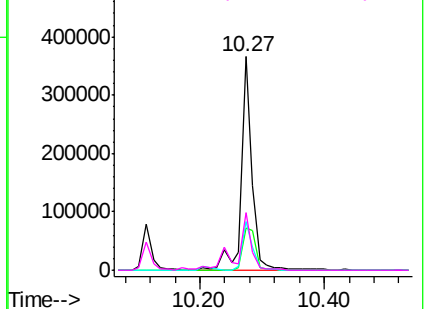


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

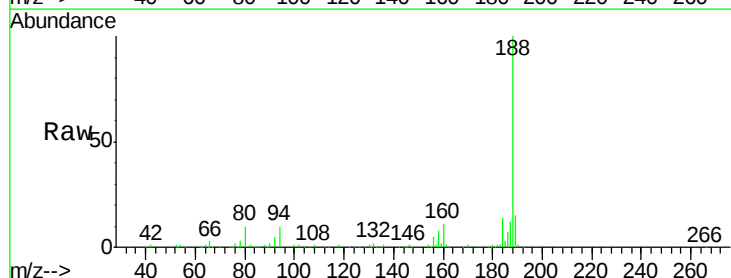
Tgt Ion: 188 Resp: 289648

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.6

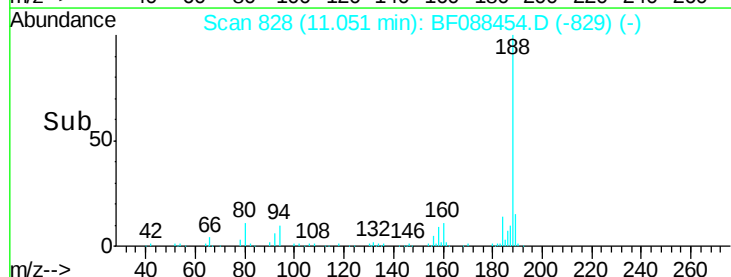
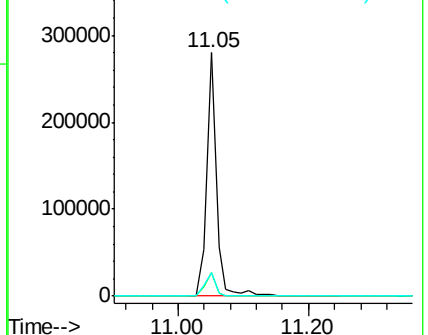
80 9.8 10.0 15.0#

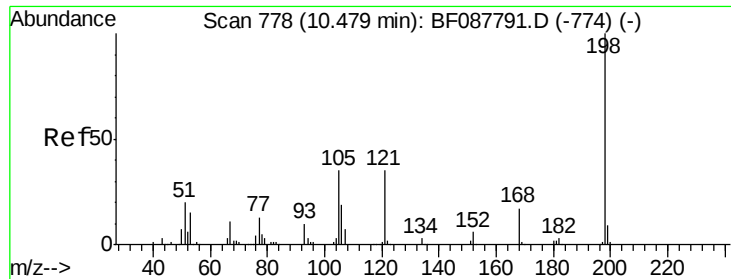


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 12.88 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

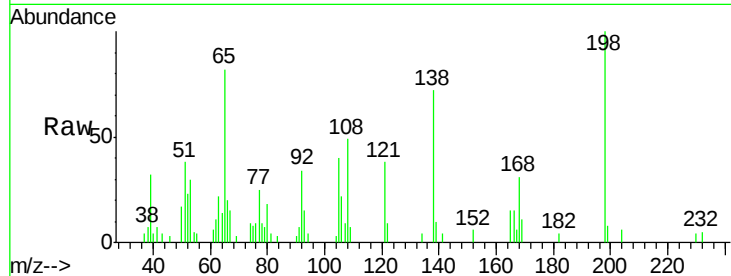
Tot Ion:198 Resp: 20294

Ion Ratio Lower Upper

198 100

51 38.5 39.6 79.6#

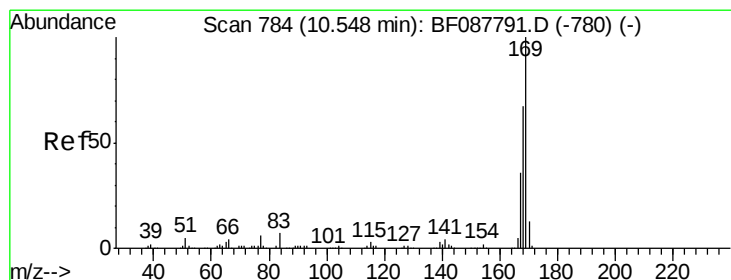
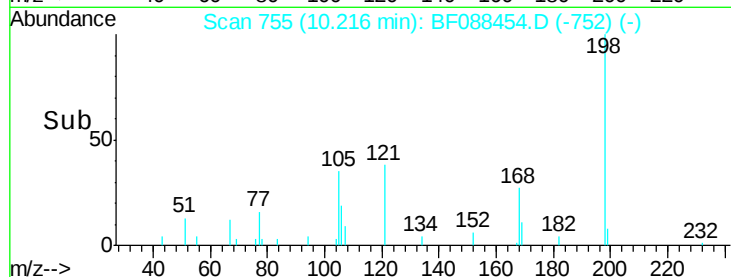
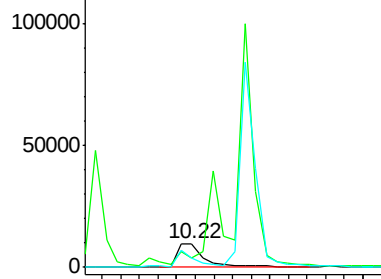
105 40.4 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.42 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

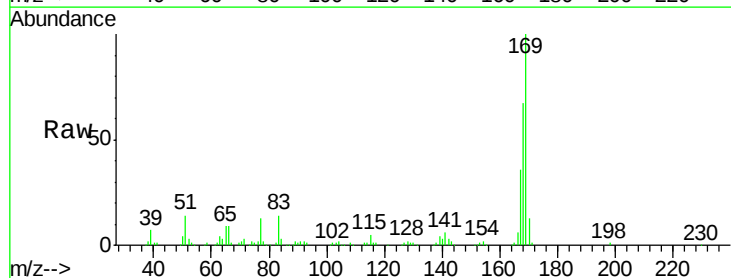
Tgt Ion:169 Resp: 378898

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

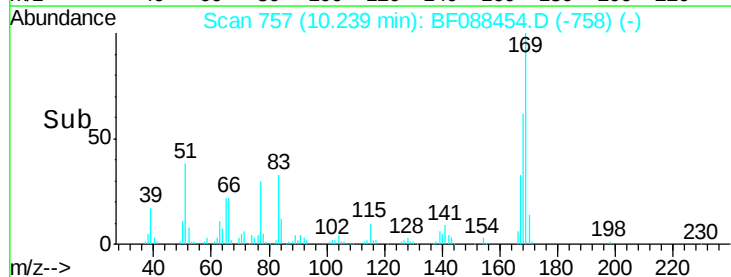
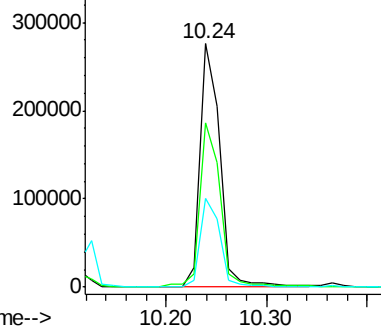
167 36.5 29.4 44.0

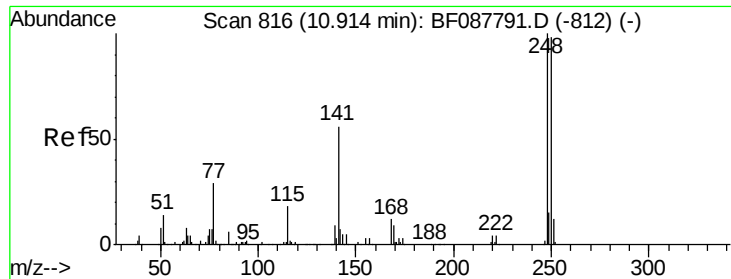


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

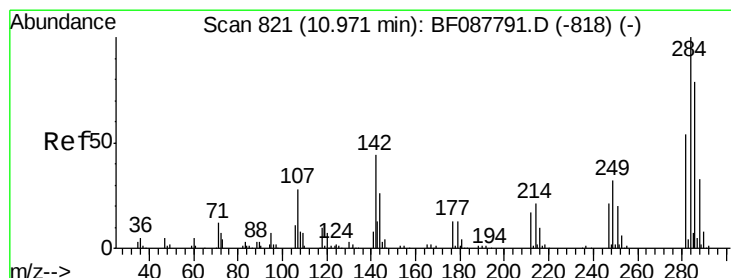
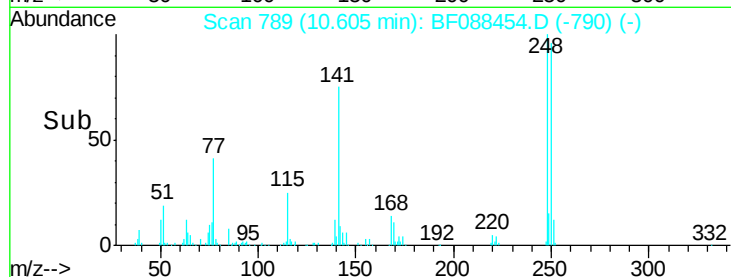
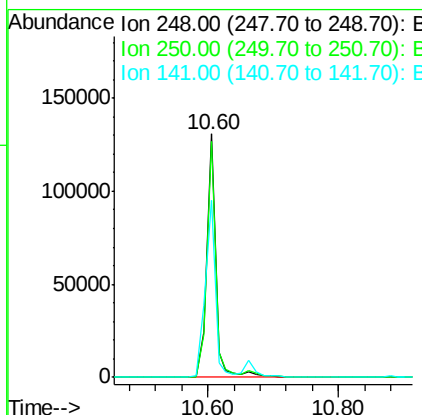
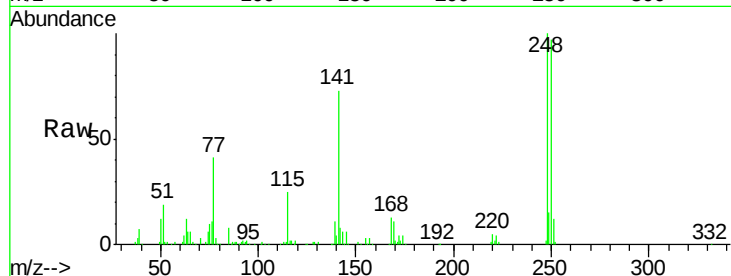




#66
4-Bromophenyl-phenylether
Concen: 40.77 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

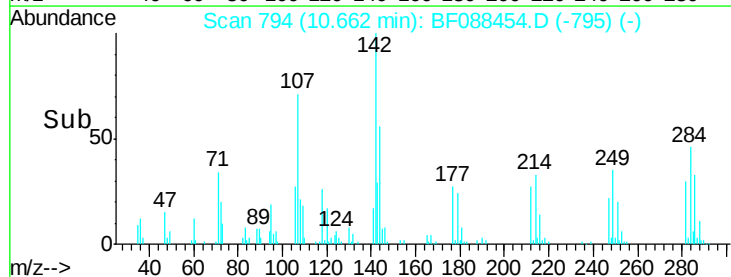
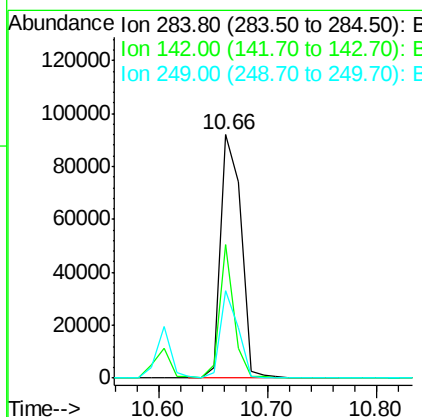
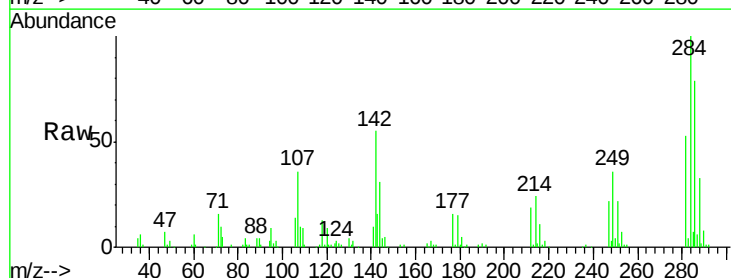
Instrument :
BNA_F
ClientSampleId :

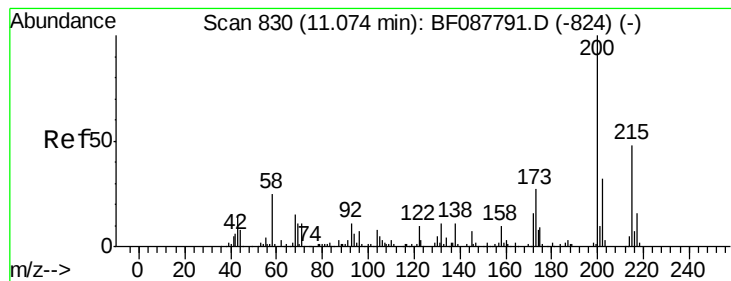
Tot Ion:248 Resp: 126697
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 73.0 50.6 76.0



#67
Hexachlorobenzene
Concen: 37.24 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:284 Resp: 120231
Ion Ratio Lower Upper
284 100
142 54.9 35.8 53.8#
249 35.7 25.8 38.6





#68

Atrazine

Concen: 35.36 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.30 min

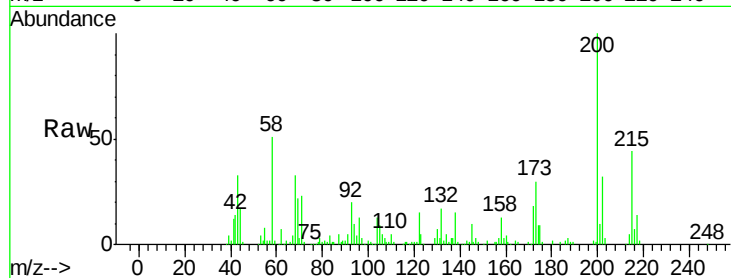
Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :



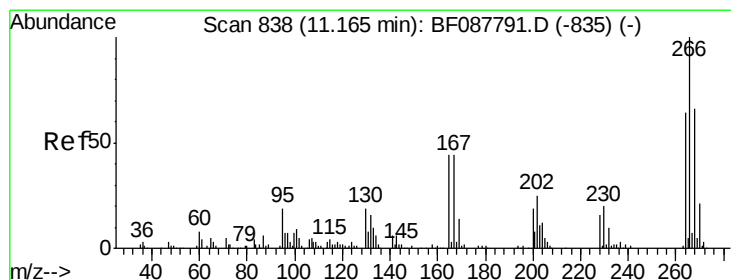
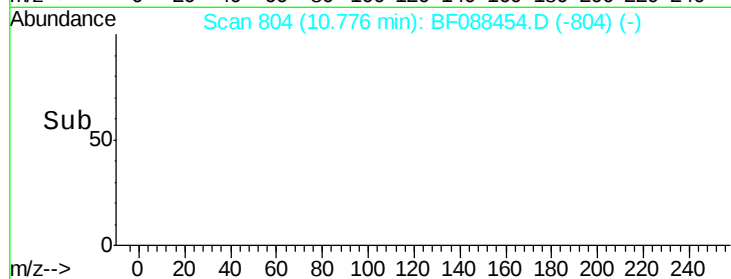
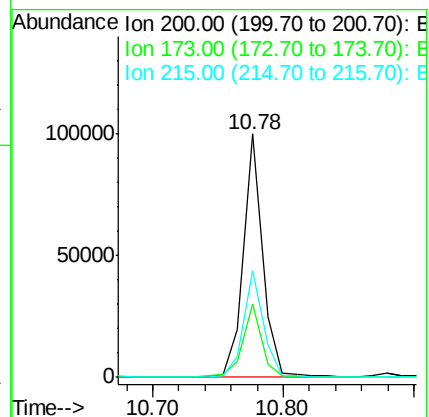
Tot Ion:200 Resp: 102906

Ion Ratio Lower Upper

200 100

173 30.1 4.0 44.0

215 43.7 29.3 69.3



#69

Pentachlorophenol

Concen: 10.98 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.29 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

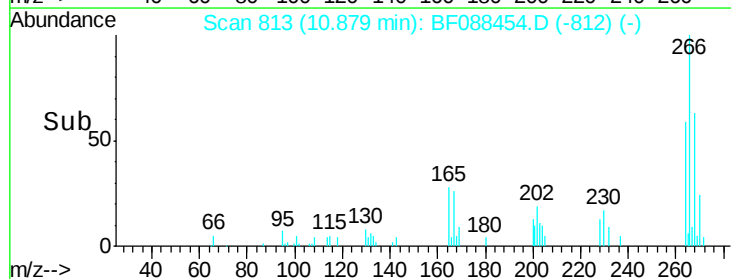
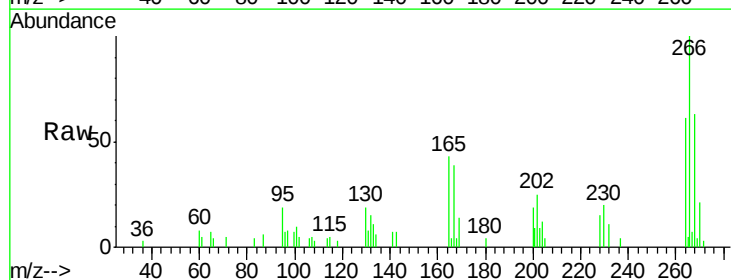
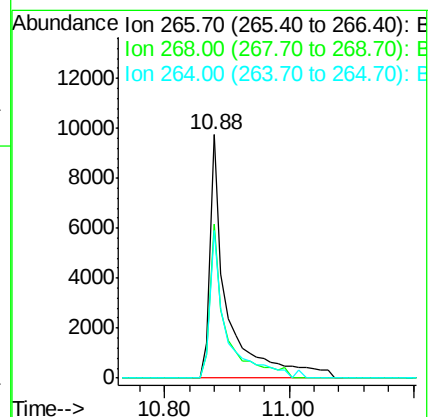
Tgt Ion:266 Resp: 18694

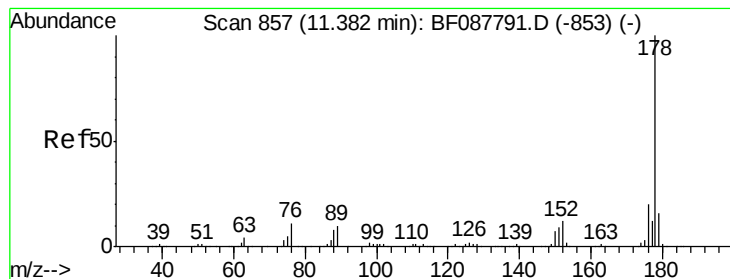
Ion Ratio Lower Upper

266 100

268 63.1 52.8 79.2

264 60.6 49.6 74.4





#70

Phenanthrene

Concen: 37.80 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

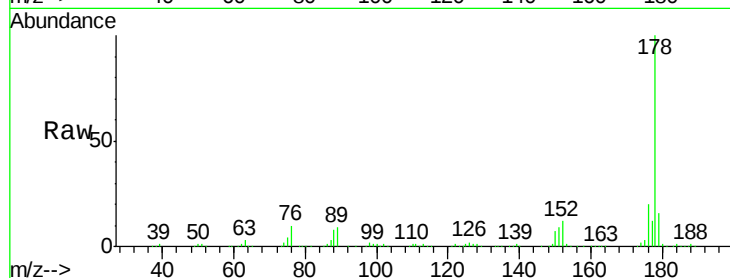
Tot Ion:178 Resp: 574524

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

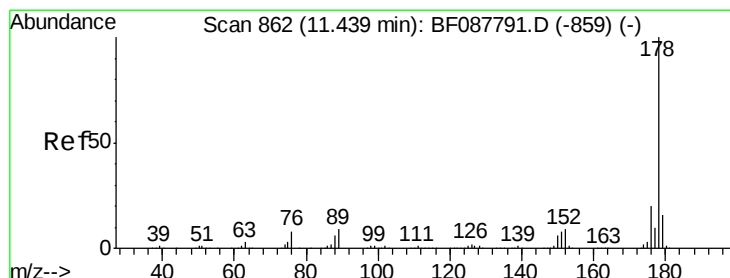
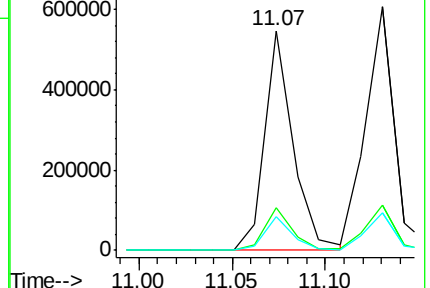
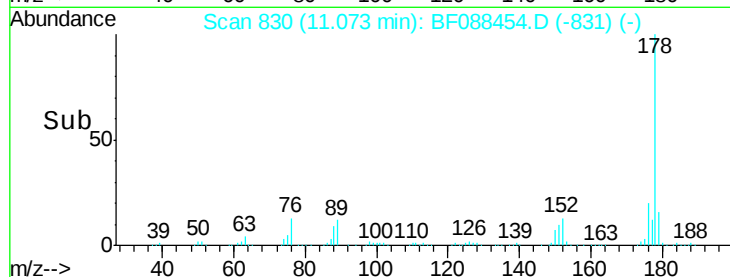
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.53 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

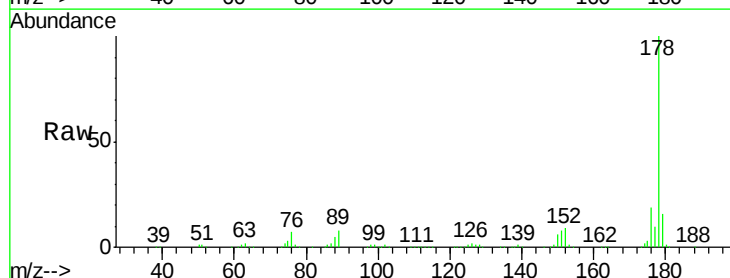
Tgt Ion:178 Resp: 682779

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

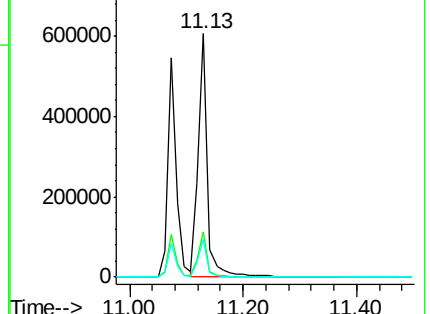
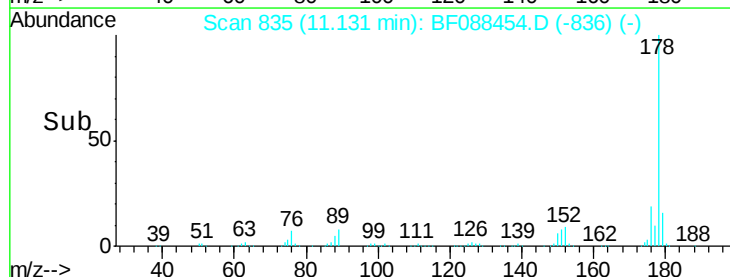
179 15.5 12.8 19.2

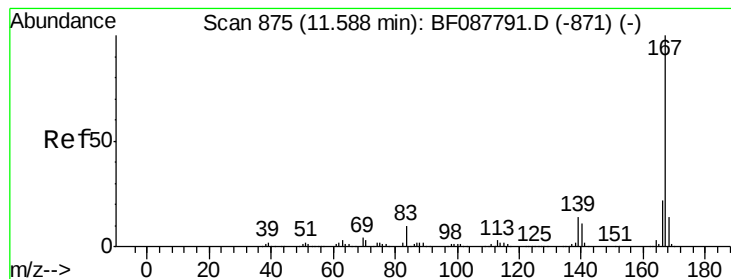


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.32 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

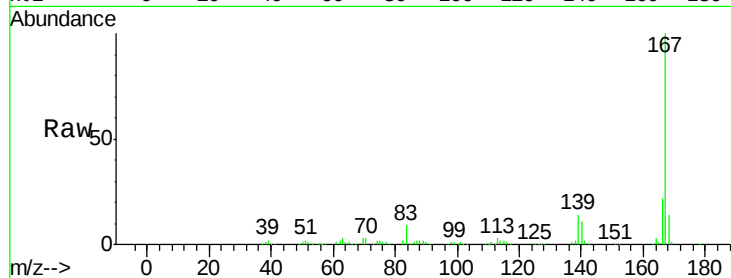
Tot Ion:167 Resp: 592767

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

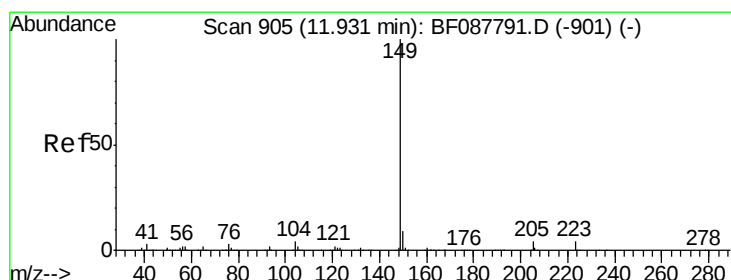
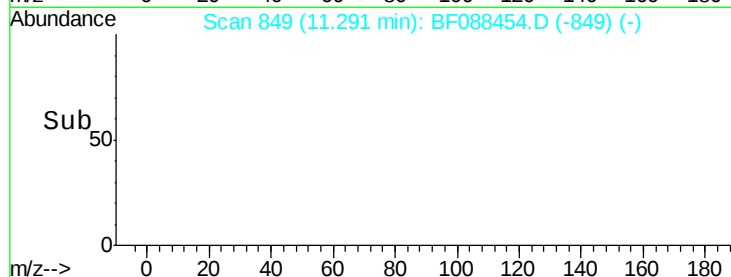
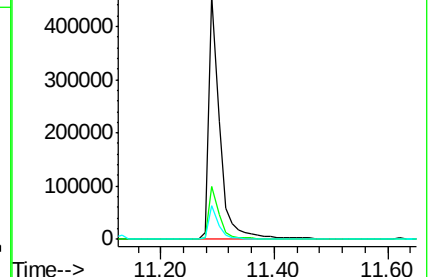
139 14.0 11.2 16.8



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: 36.06 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

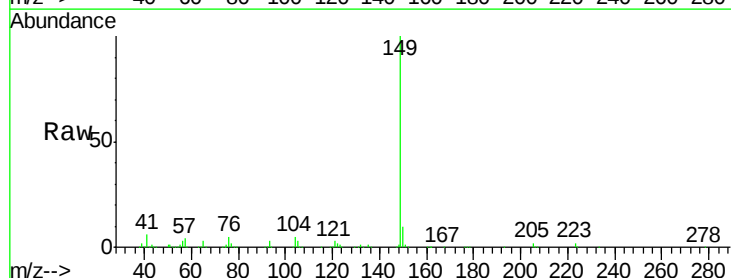
Tgt Ion:149 Resp: 654890

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

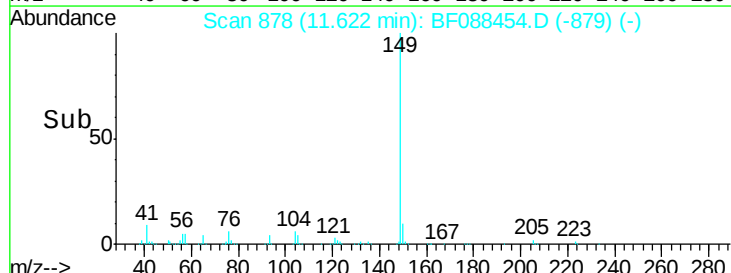
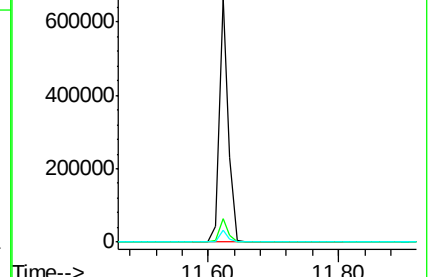
104 5.1 4.0 6.0

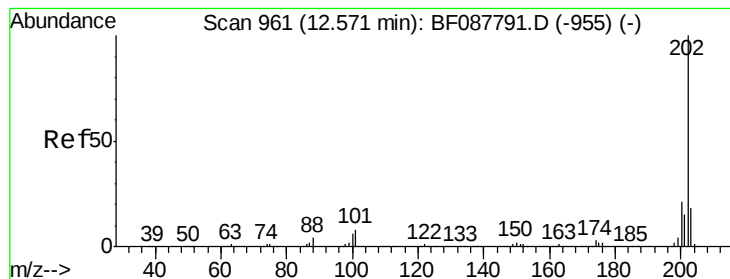


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.29 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.32 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

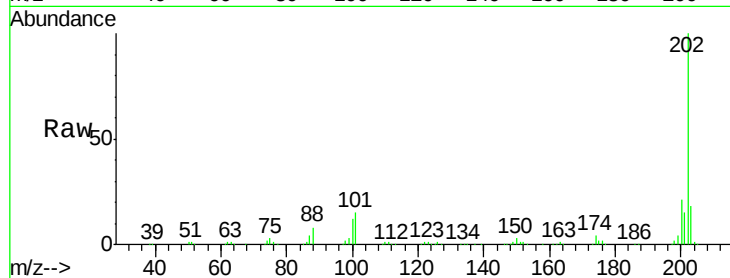
Tot Ion:202 Resp: 630135

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.1

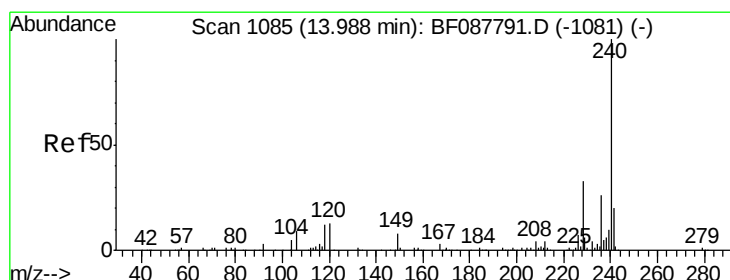
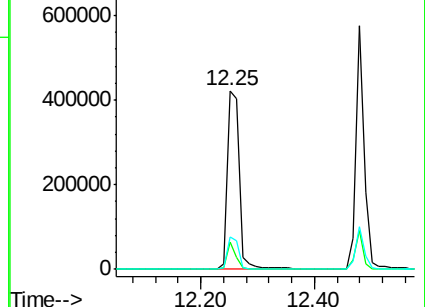
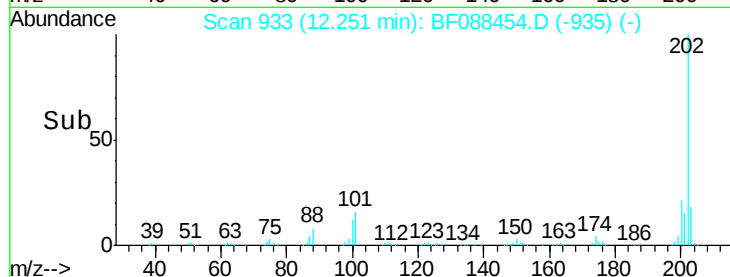
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

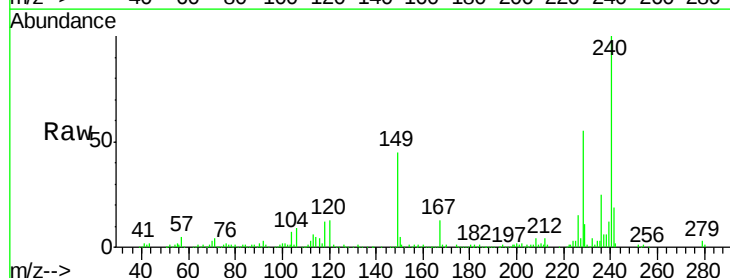
Tgt Ion:240 Resp: 210936

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

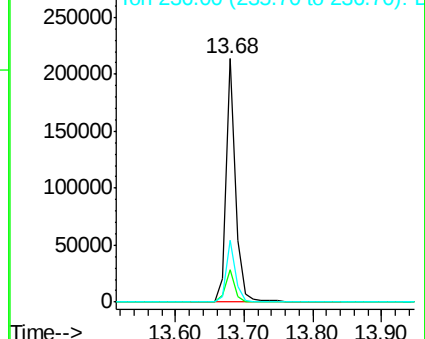
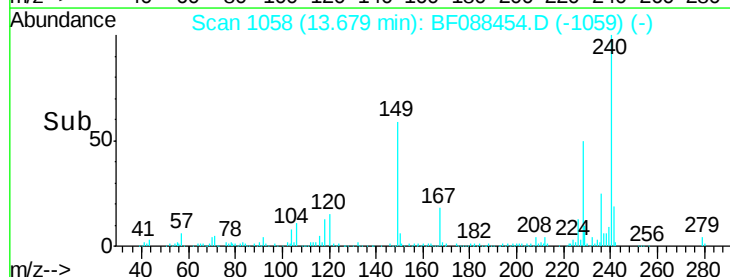
236 25.5 20.2 30.2

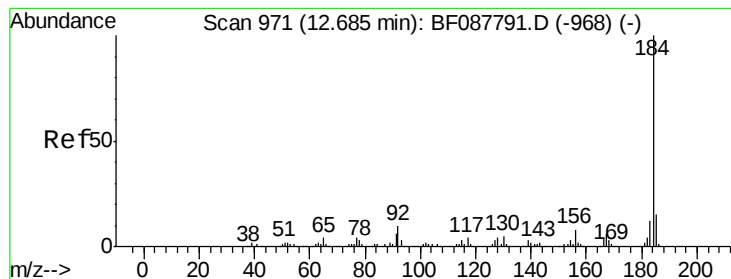


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 31.68 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.30 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

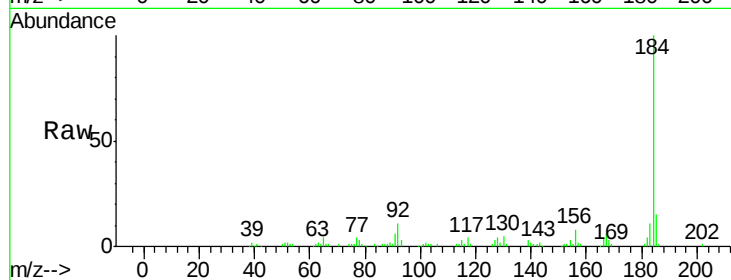
Tot Ion:184 Resp: 185039

Ion Ratio Lower Upper

184 100

185 15.5 12.5 18.7

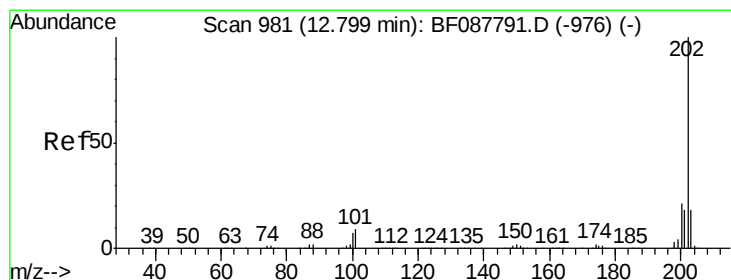
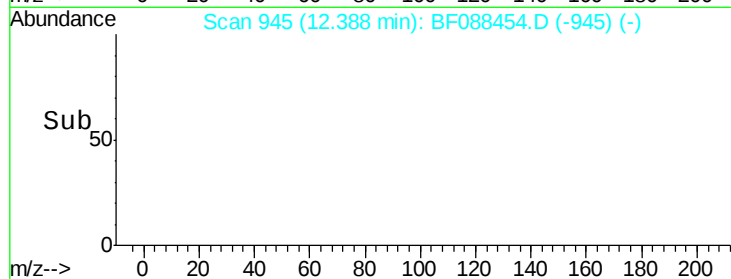
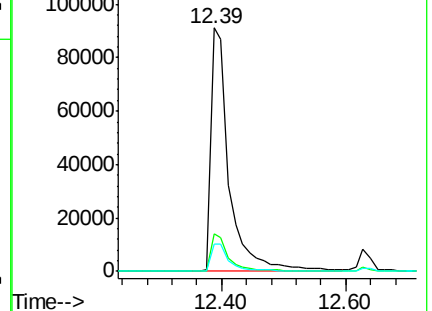
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.17 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.32 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

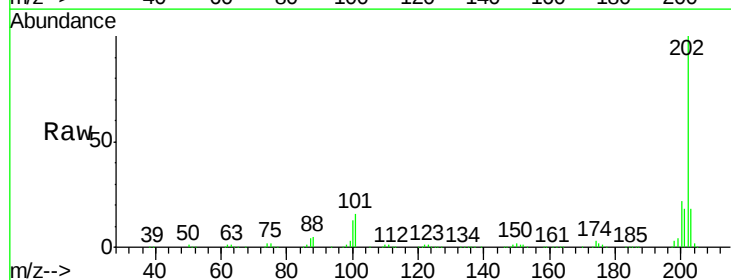
Tgt Ion:202 Resp: 597513

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

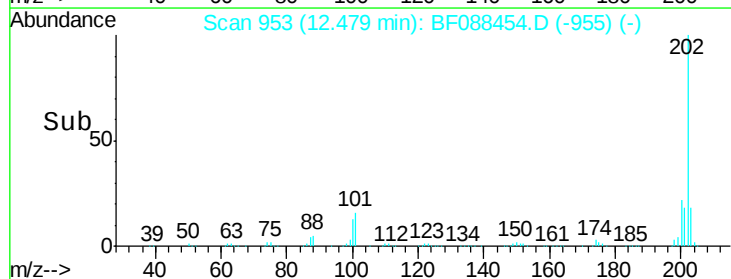
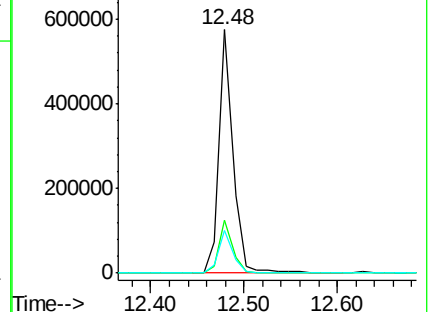
203 17.7 14.5 21.7

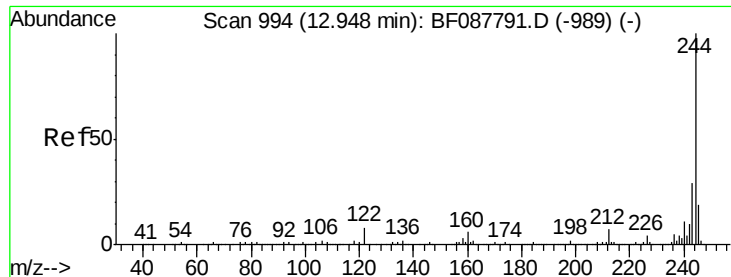


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

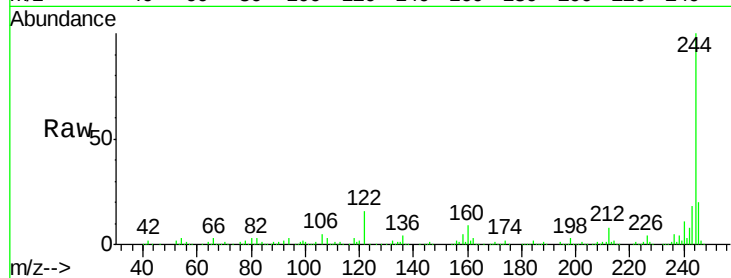




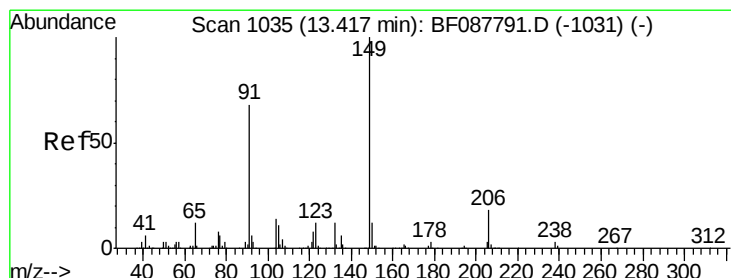
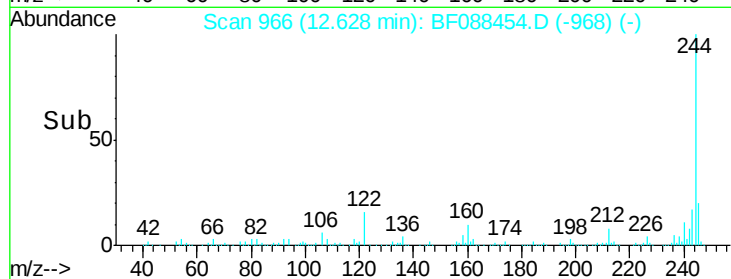
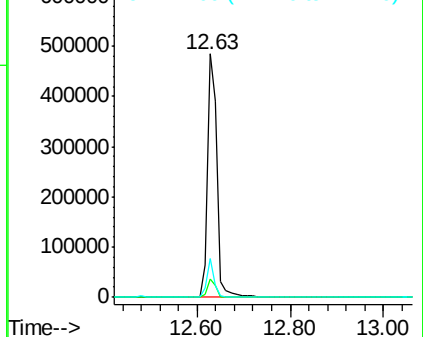
#78
 Terphenyl-d14
 Concen: 75.71 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.32 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 701826
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 15.9 11.2 16.8

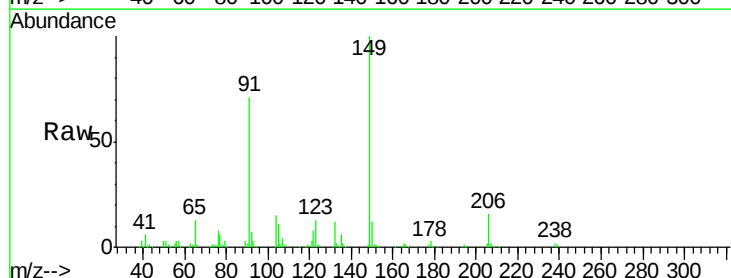


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

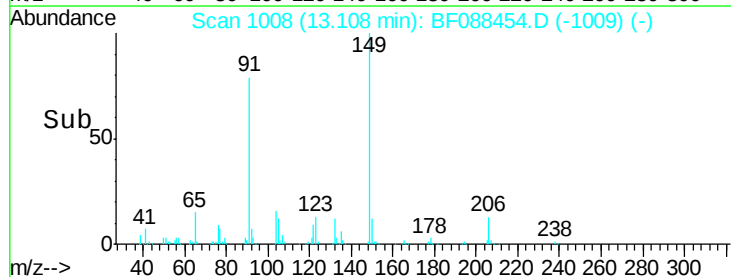
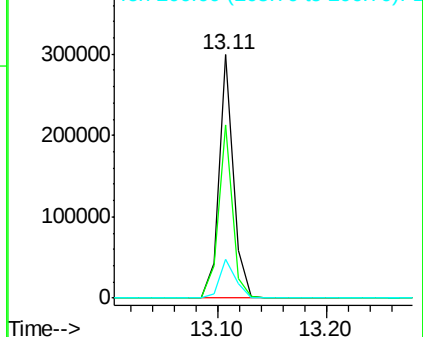


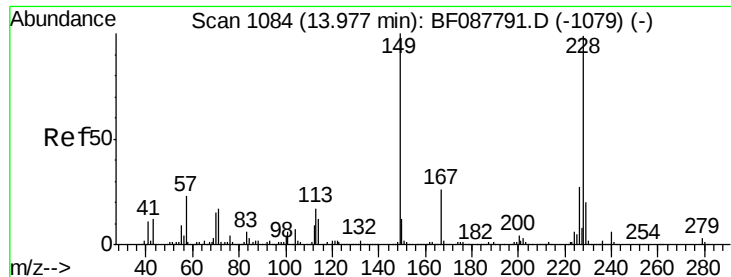
#79
 Butylbenzylphthalate
 Concen: 40.60 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.31 min
 Lab File: BF088454.D
 Acq: 27 Jun 2016 14:17

Tgt Ion:149 Resp: 280950
 Ion Ratio Lower Upper
 149 100
 91 70.9 48.0 72.0
 206 16.1 16.0 24.0



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





#80

Benzo(a)anthracene

Concen: 37.56 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

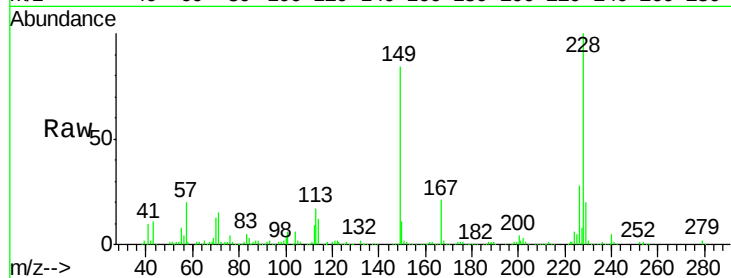
Tot Ion:228 Resp: 451450

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

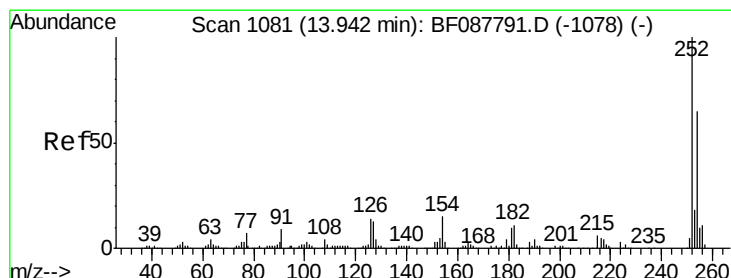
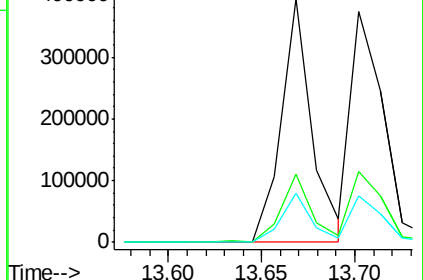
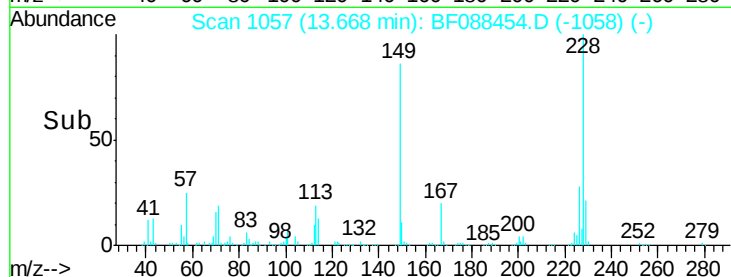
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 51.58 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

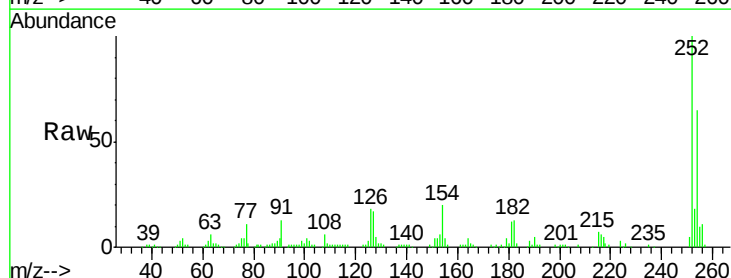
Tgt Ion:252 Resp: 166723

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

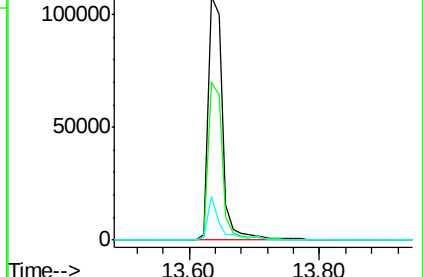
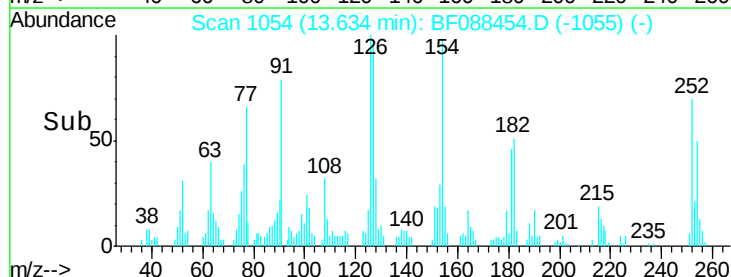
126 17.9 6.2 9.2#

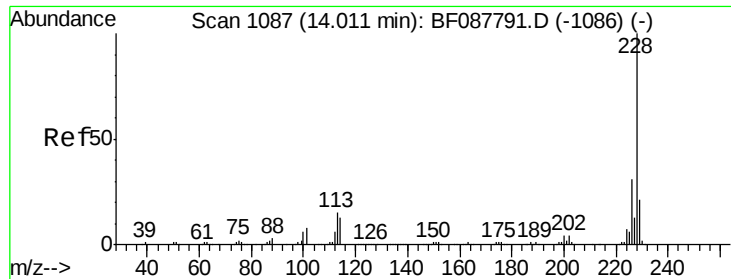


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.53 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampled :

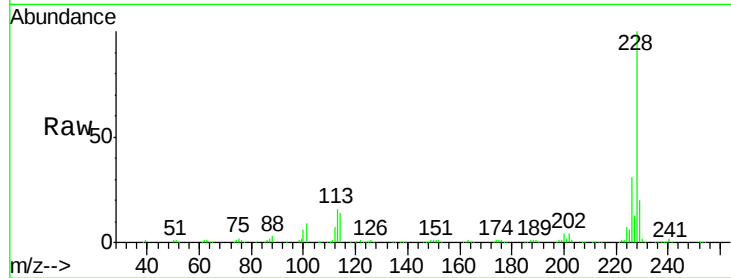
Tot Ion:228 Resp: 481009

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

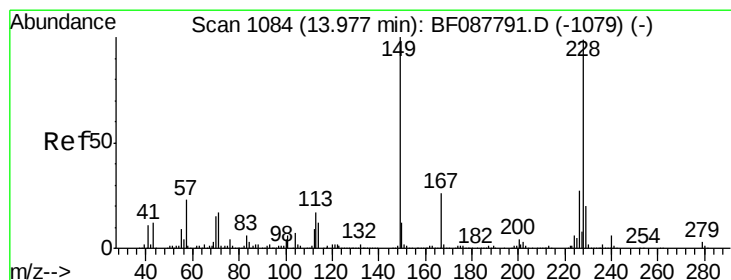
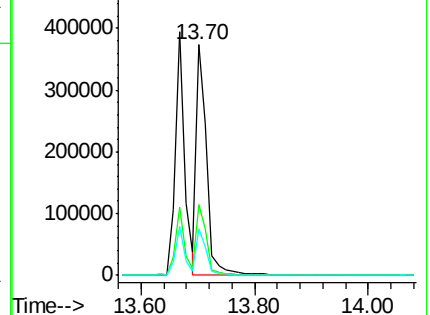
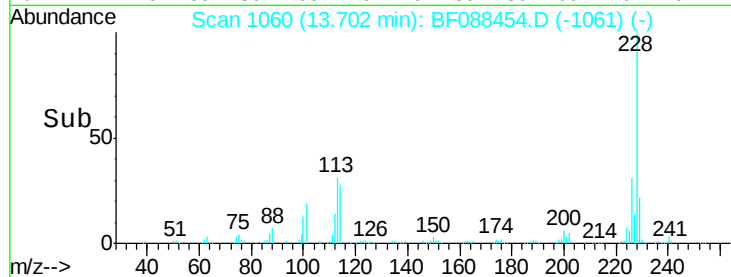
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.63 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

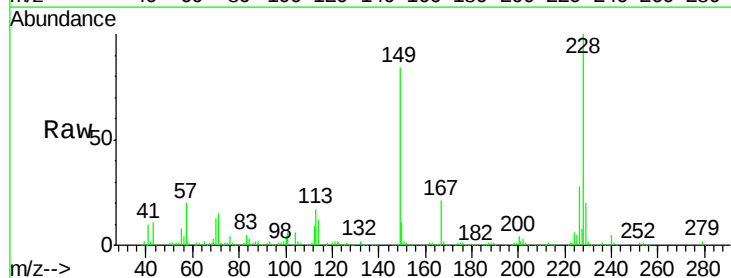
Tgt Ion:149 Resp: 325388

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

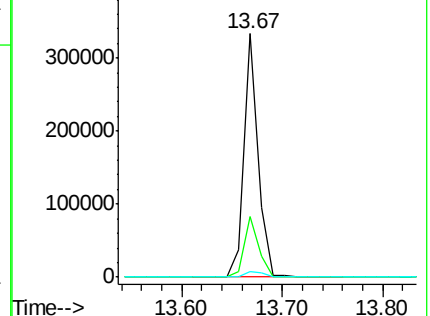
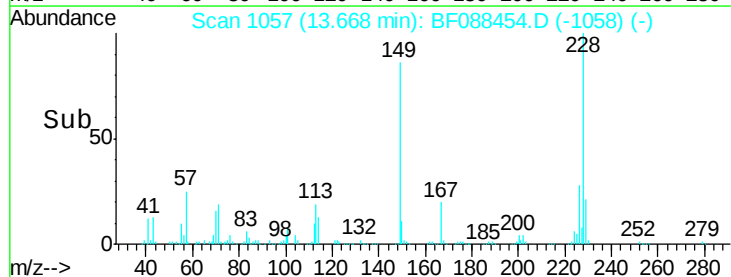
279 2.5 2.0 3.0

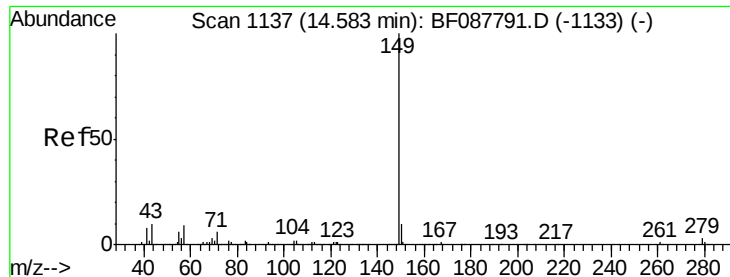


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

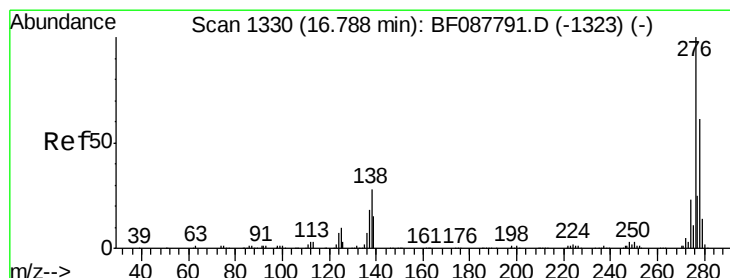
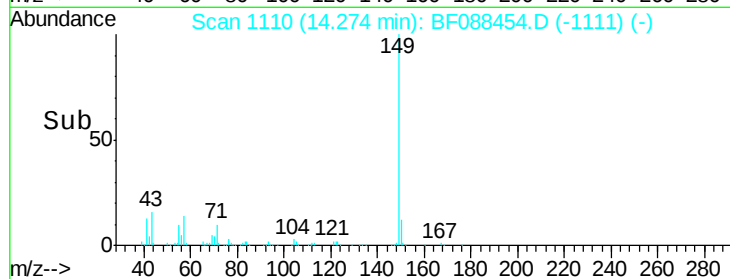
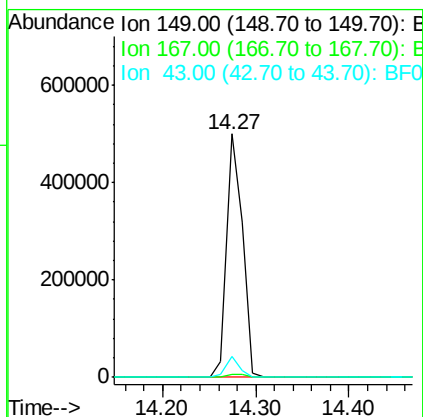
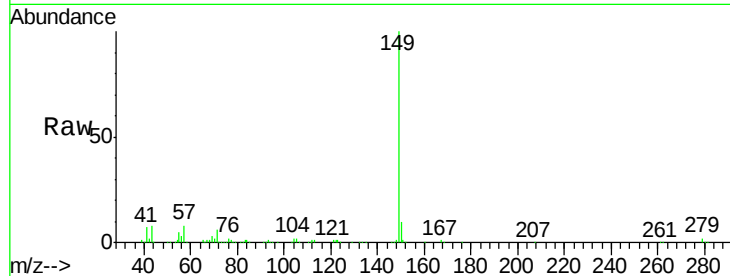




#84
Di-n-octyl phthalate
Concen: 43.31 ng
RT: 14.27 min Scan# 1110
Delta R.T. -0.31 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

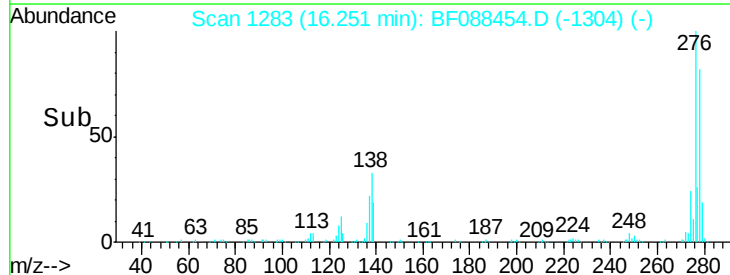
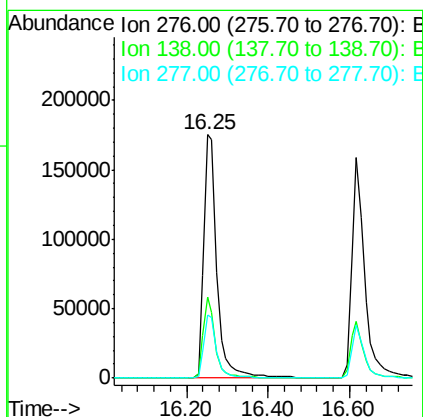
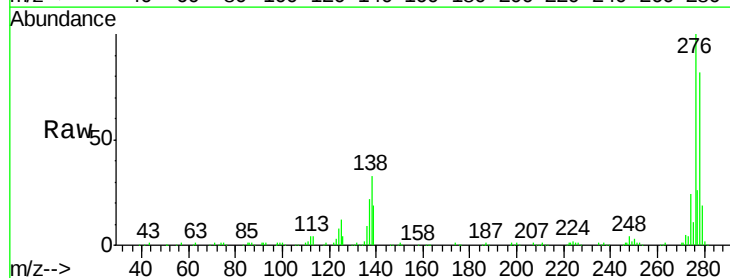
Instrument :
BNA_F
ClientSampleId :

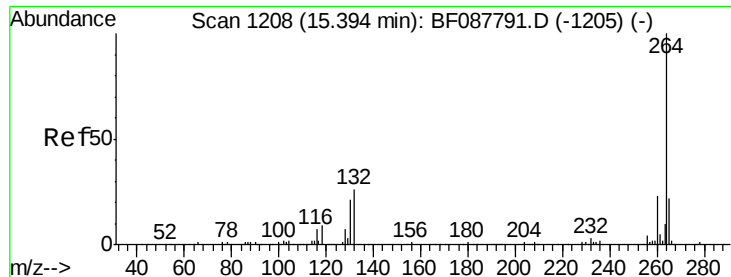
Tot Ion:149 Resp: 592812
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 7.5 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.21 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.54 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:276 Resp: 401458
Ion Ratio Lower Upper
276 100
138 30.4 0.0 0.0#
277 25.1 0.0 0.0#



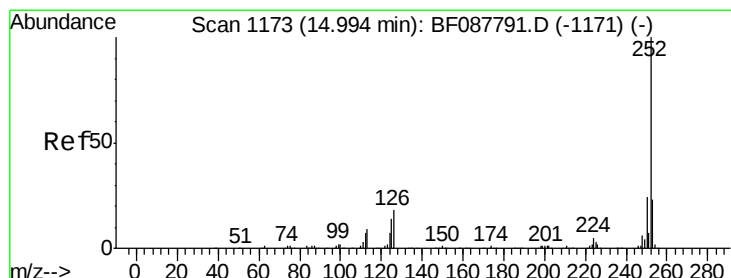
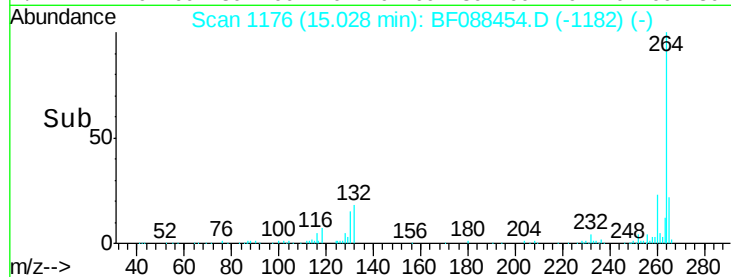
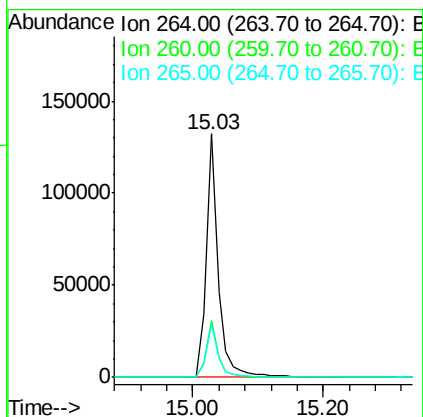
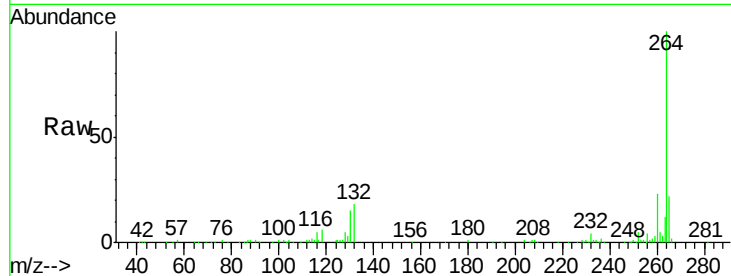


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168969

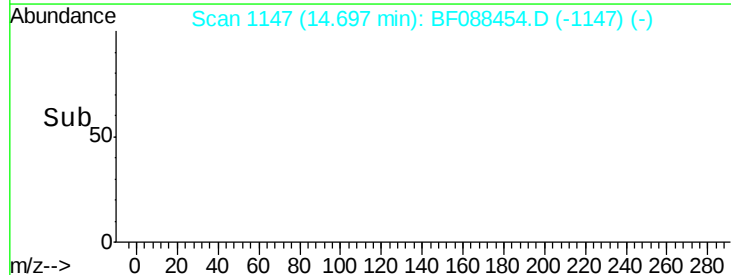
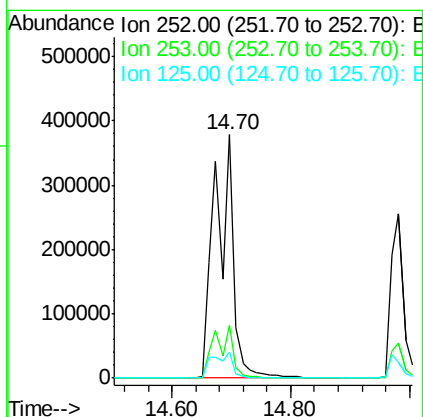
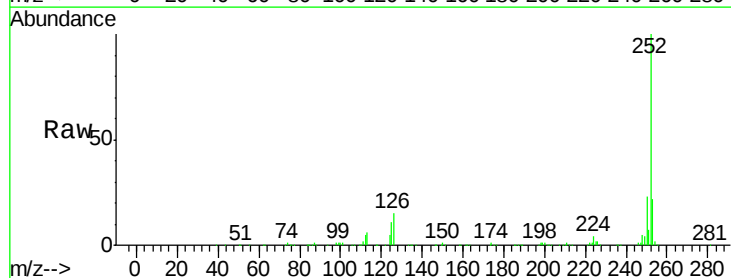
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3

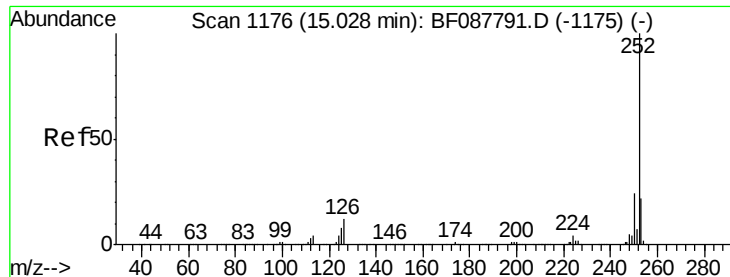


#87
Benzo(b)fluoranthene
Concen: 70.12 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.30 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:252 Resp: 825847

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.6	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 93.07 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.33 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

Instrument :

BNA_F

ClientSampleId :

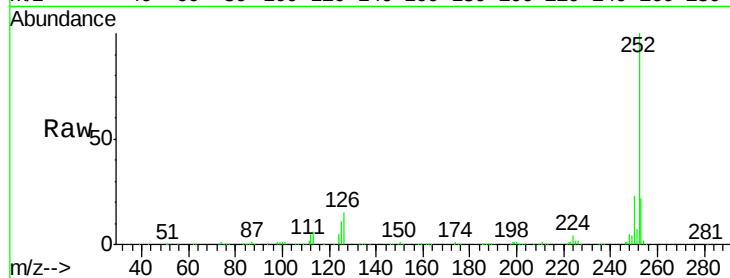
Tot Ion:252 Resp: 826831

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

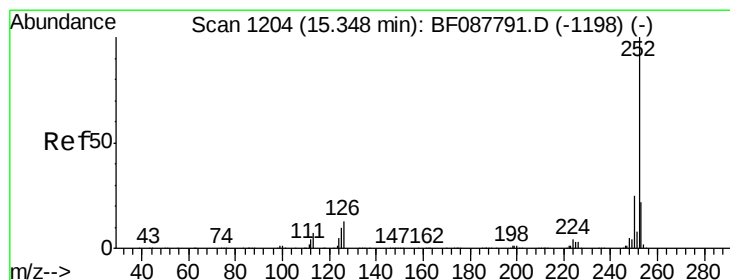
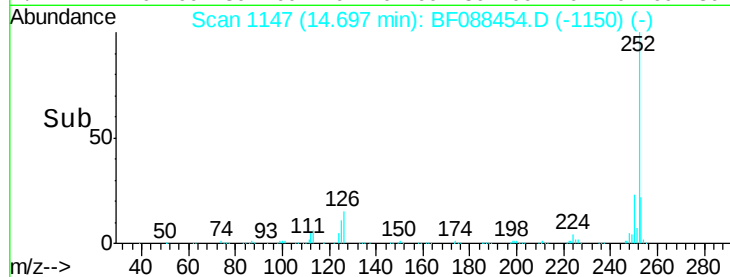
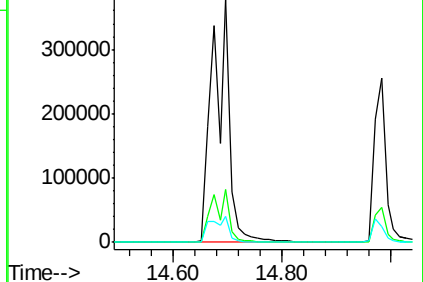
125 10.6 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 40.24 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.37 min

Lab File: BF088454.D

Acq: 27 Jun 2016 14:17

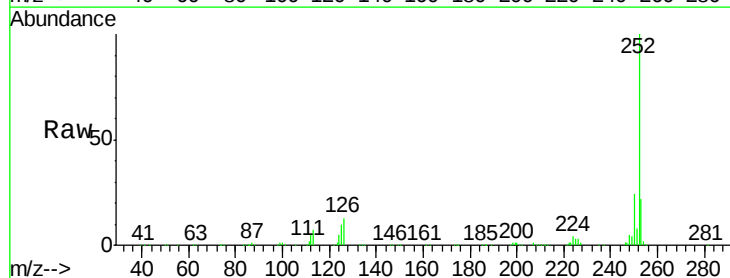
Tgt Ion:252 Resp: 383457

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

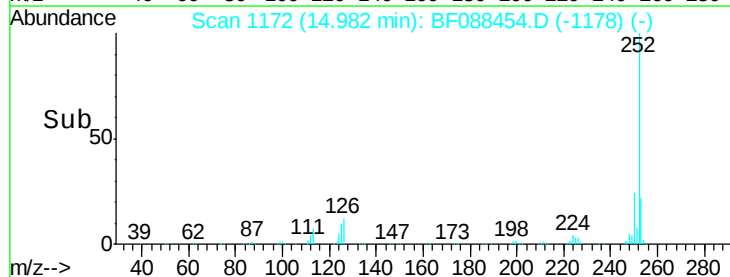
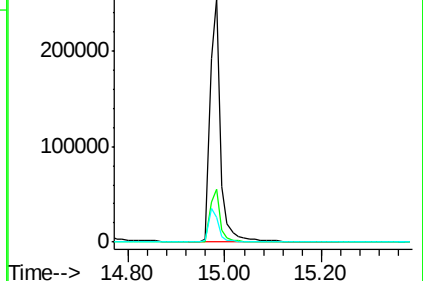
125 10.0 12.5 18.7#

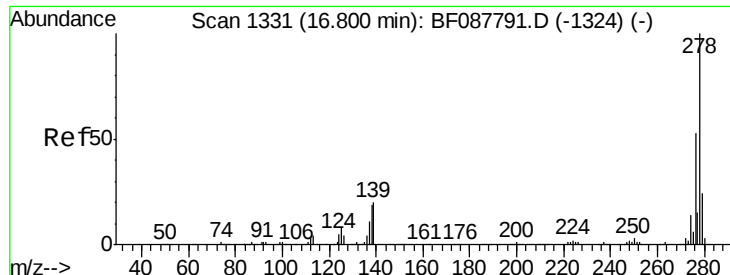


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

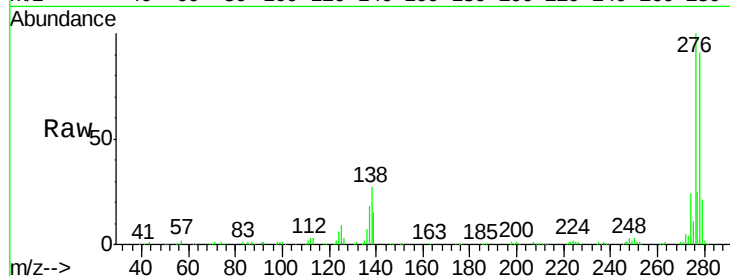




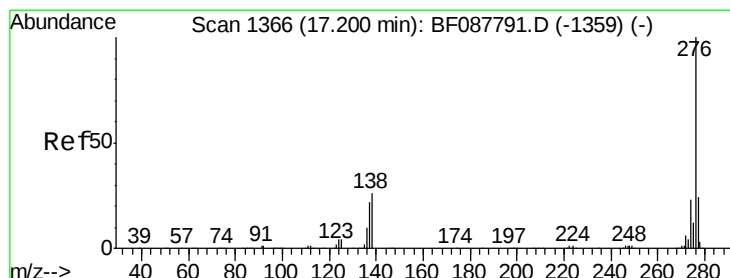
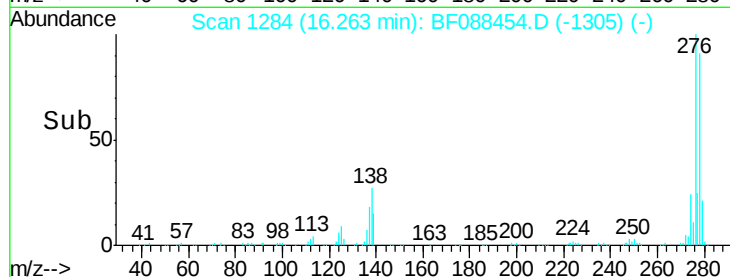
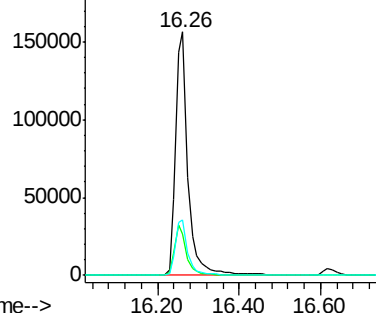
#90
Dibenzo(a,h)anthracene
Concen: 37.99 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.54 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 336217
Ion Ratio Lower Upper
278 100
139 16.8 15.7 23.5
279 22.6 19.4 29.2

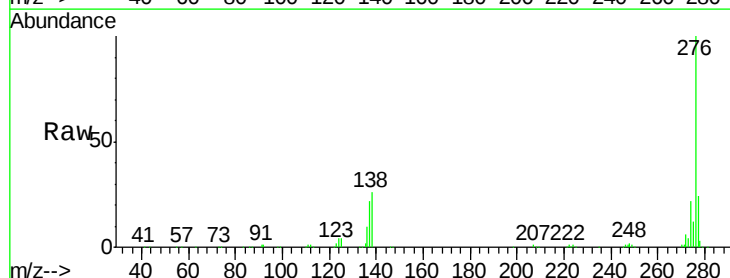


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 38.99 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.58 min
Lab File: BF088454.D
Acq: 27 Jun 2016 14:17

Tgt Ion:276 Resp: 354923
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 25.8 21.4 32.2



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

