

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084631.D
 Acq On : 29 Jan 2016 12:57
 Operator : SJ/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Quant Time: Jan 29 23:03:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167516	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	649518	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312335	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	438582	20.00	ng	0.00
75) Chrysene-d12	13.87	240	315669	20.00	ng	0.00
86) Perylene-d12	15.25	264	276809	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	790854	71.26	ng	0.00
7) Phenol-d6	6.37	99	981805	73.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	951177	81.84	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	227606	69.53	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1478592	70.37	ng	0.00
78) Terphenyl-d14	12.83	244	1176949	84.21	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	182158	35.20	ng	# 76
3) Pyridine	2.90	79	525635	38.13	ng	# 71
4) n-Nitrosodimethylamine	2.85	42	237995	35.31	ng	# 84
6) Aniline	6.38	93	627021	36.72	ng	# 51
8) 2-Chlorophenol	6.51	128	472493	38.38	ng	94
9) Benzaldehyde	6.27	77	310044	40.25	ng	99
10) Phenol	6.38	94	570984	38.52	ng	75
11) bis(2-Chloroethyl)ether	6.46	93	397226	34.45	ng	# 81
12) 1,3-Dichlorobenzene	6.90	146	480890	36.46	ng	98
13) 1,4-Dichlorobenzene	6.74	146	483130	37.33	ng	99
14) 1,2-Dichlorobenzene	6.90	146	481378	40.39	ng	98
15) Benzyl Alcohol	6.88	79	342167	37.80	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	726272	36.81	ng	85
17) 2-Methylphenol	7.00	107	368061	38.57	ng	95
18) Hexachloroethane	7.24	117	199168	39.33	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	300883	37.03	ng	# 75
20) 3+4-Methylphenols	7.15	107	417477	36.05	ng	# 68
22) Acetophenone	7.14	105	649520	38.29	ng	# 97
24) Nitrobenzene	7.31	77	451205	36.53	ng	93
25) Isophorone	7.56	82	878932	40.37	ng	96
26) 2-Nitrophenol	7.63	139	227919	38.80	ng	# 82
27) 2,4-Dimethylphenol	7.68	122	373538	36.29	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	502674	38.47	ng	# 96
29) 2,4-Dichlorophenol	7.88	162	357521	39.71	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	397148	38.57	ng	# 93
31) Naphthalene	8.03	128	1209521	36.89	ng	99
32) Benzoic acid	7.81	122	309816	39.21	ng	93
33) 4-Chloroaniline	8.09	127	487789	36.58	ng	98
34) Hexachlorobutadiene	8.16	225	235115	38.64	ng	98
35) Caprolactam	8.46	113	99573	38.54	ng	# 42
36) 4-Chloro-3-methylphenol	8.58	107	400816	40.43	ng	94
37) 2-Methylnaphthalene	8.73	142	840257	41.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	370666	36.59	ng	99
40) Hexachlorocyclopentadiene	8.89	237	181553	39.42	ng	99

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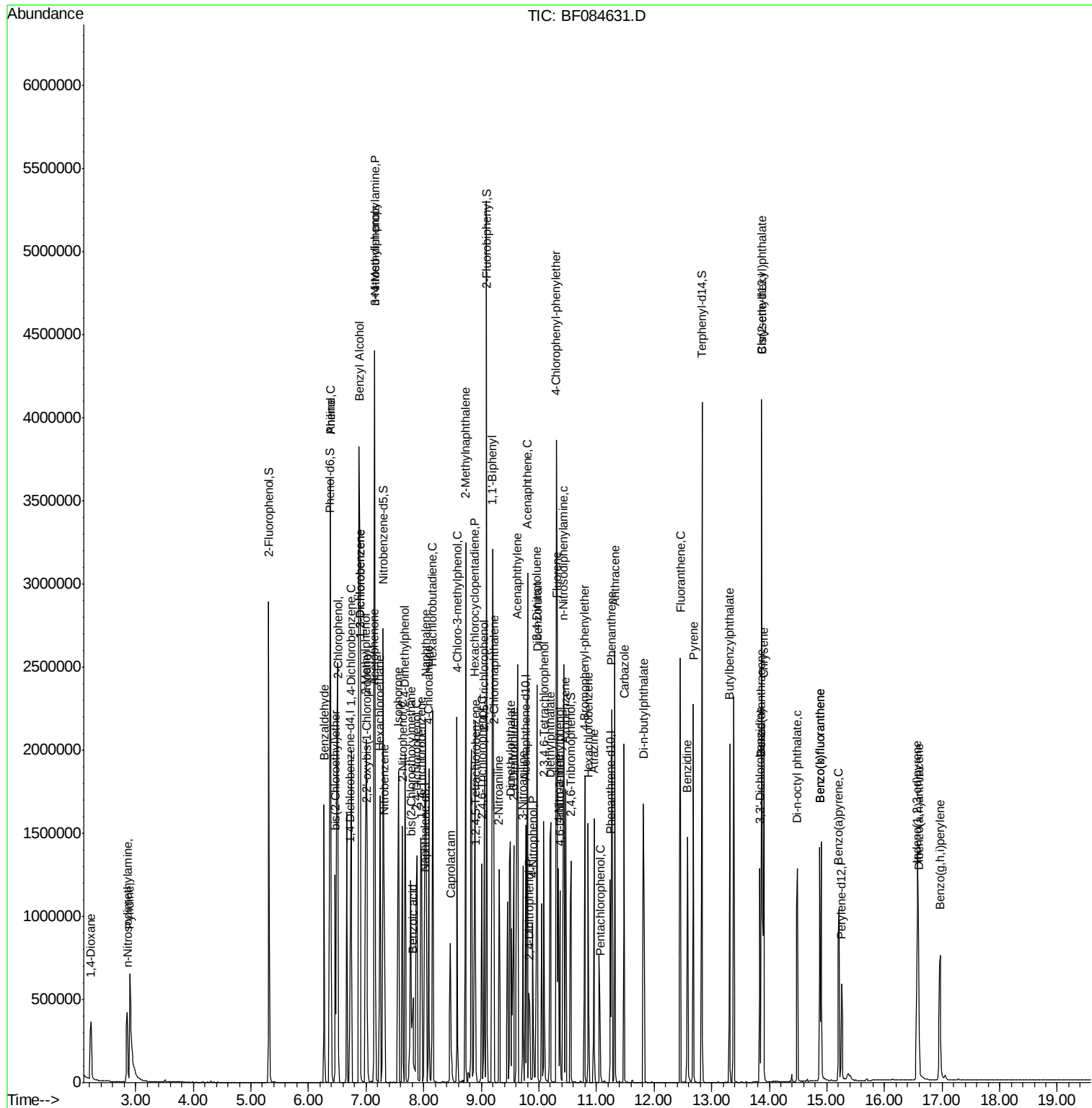
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	246573	39.19	ng	90
43) 2,4,5-Trichlorophenol	9.05	196	244724	37.67	ng #	85
45) 1,1'-Biphenyl	9.20	154	1118140	39.06	ng	97
46) 2-Chloronaphthalene	9.22	162	785260	37.60	ng #	87
47) 2-Nitroaniline	9.31	65	217905	34.74	ng	96
48) Acenaphthylene	9.63	152	1245071	39.35	ng	98
49) Dimethylphthalate	9.50	163	905895	38.64	ng #	91
50) 2,6-Dinitrotoluene	9.56	165	212846	41.27	ng #	87
51) Acenaphthene	9.80	154	793779	37.46	ng	98
52) 3-Nitroaniline	9.72	138	193278	35.86	ng	99
53) 2,4-Dinitrophenol	9.84	184	97294	38.23	ng #	83
54) Dibenzofuran	9.97	168	1014632	40.12	ng	98
55) 4-Nitrophenol	9.89	139	150220	37.95	ng #	70
56) 2,4-Dinitrotoluene	9.96	165	275802	41.16	ng	94
57) Fluorene	10.32	166	817835	38.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	185076	37.68	ng	93
59) Diethylphthalate	10.20	149	879973	38.35	ng	95
60) 4-Chlorophenyl-phenylether	10.30	204	362139	37.63	ng	91
61) 4-Nitroaniline	10.34	138	223007	43.72	ng	94
62) Azobenzene	10.46	77	700094	31.87	ng	86
64) 4,6-Dinitro-2-methylphenol	10.36	198	139161	48.58	ng #	57
65) n-Nitrosodiphenylamine	10.43	169	677102	47.61	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	212414	43.00	ng #	85
67) Hexachlorobenzene	10.85	284	201501	37.50	ng #	74
68) Atrazine	10.96	200	161019	37.79	ng	98
69) Pentachlorophenol	11.06	266	103954	40.05	ng	98
70) Phenanthrene	11.26	178	912795	37.64	ng	98
71) Anthracene	11.32	178	1061031	43.03	ng	99
72) Carbazole	11.48	167	904420	42.56	ng	99
73) Di-n-butylphthalate	11.81	149	1063443	41.15	ng #	97
74) Fluoranthene	12.45	202	1035823	43.20	ng	95
76) Benzidine	12.58	184	491197	40.91	ng #	95
77) Pyrene	12.68	202	1062966	44.65	ng	99
79) Butylbenzylphthalate	13.31	149	423697	41.66	ng	98
80) Benzo(a)anthracene	13.86	228	807649	41.04	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	282496	40.80	ng #	97
82) Chrysene	13.91	228	847114	43.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	568843	43.11	ng	98
84) Di-n-octyl phthalate	14.49	149	829764	39.80	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	755133	44.04	ng	99
87) Benzo(b)fluoranthene	14.88	252	1245422	69.48	ng	98
88) Benzo(k)fluoranthene	14.88	252	1245422	84.12	ng #	97
89) Benzo(a)pyrene	15.21	252	593471	38.28	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	636148	45.53	ng #	94
91) Benzo(g,h,i)perylene	16.97	276	633635	44.91	ng	95

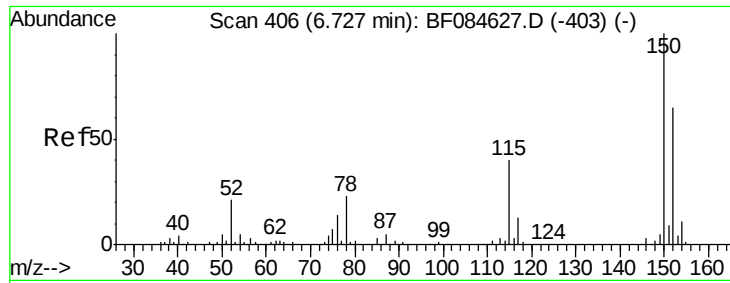
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

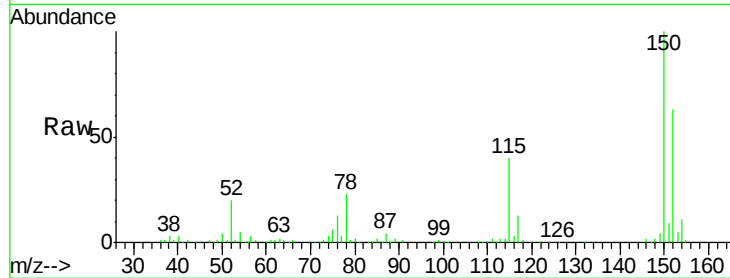
Tgt Ion:152 Resp: 167516

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

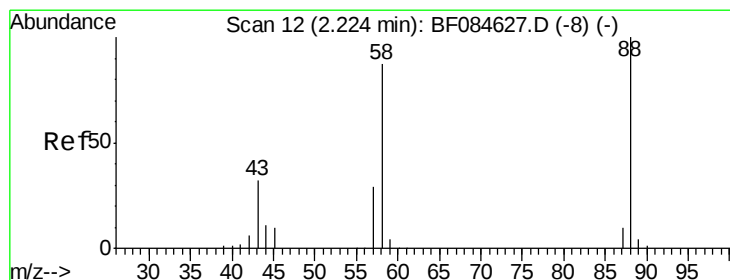
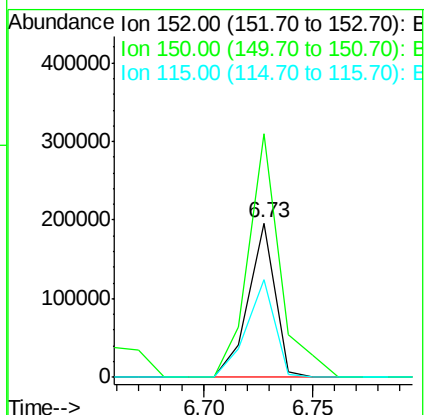
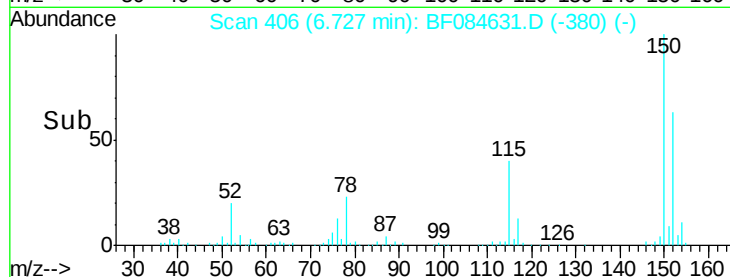
115 63.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.20 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

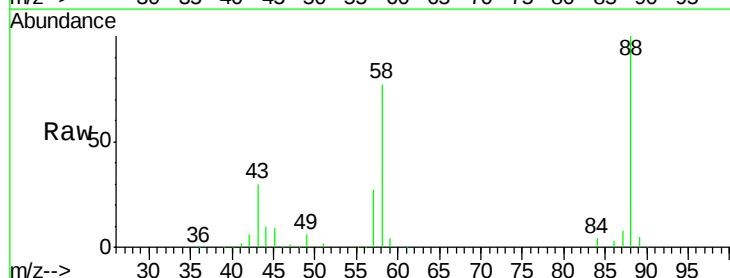
Tgt Ion: 88 Resp: 182158

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

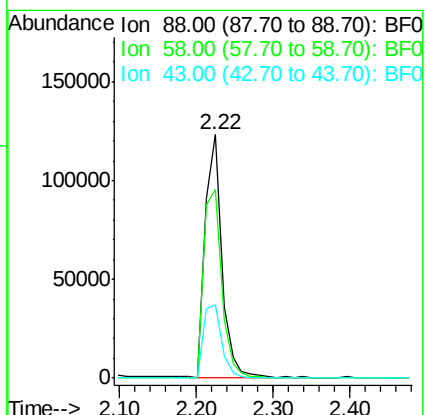
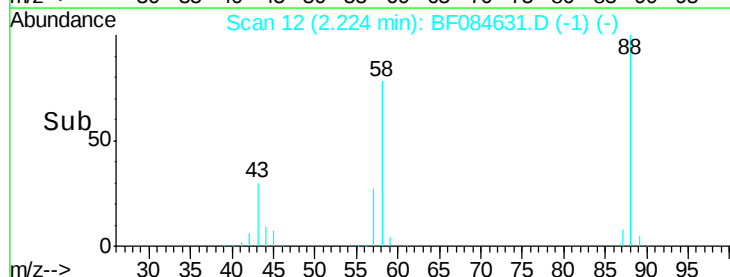
43 33.3 19.5 29.3#

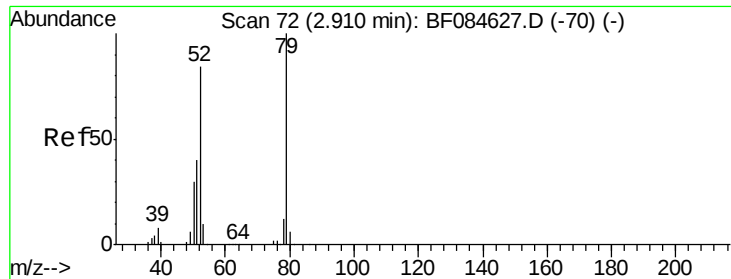


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.13 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF084631.D

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Instrument :

BNA_F

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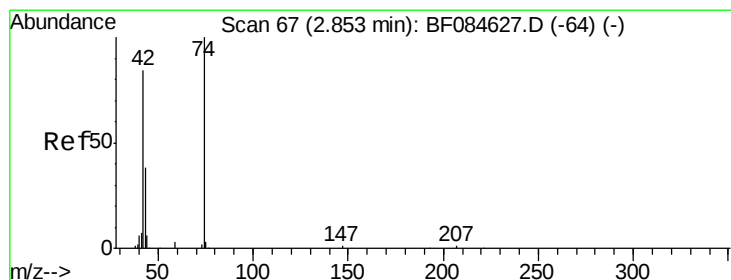
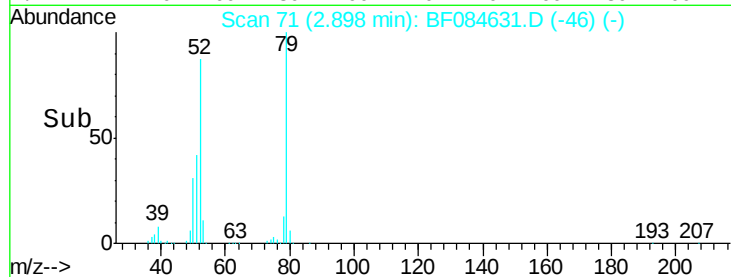
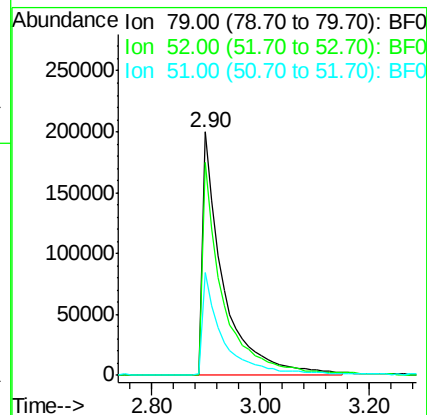
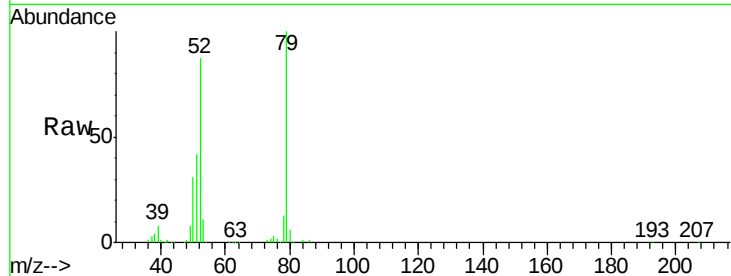
Tgt Ion: 79 Resp: 525635

Ion Ratio Lower Upper

79 100

52 87.4 49.0 73.4#

51 42.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.31 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

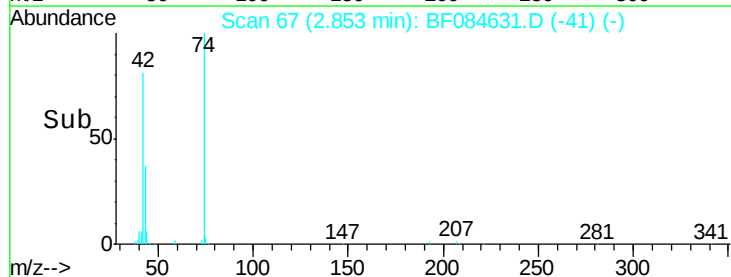
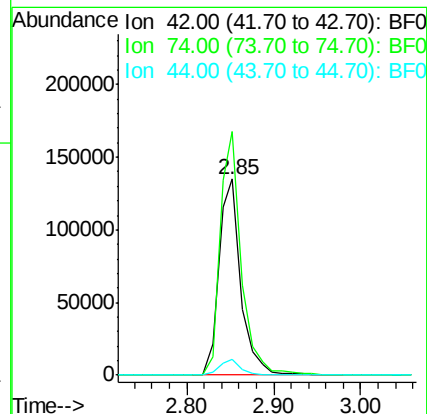
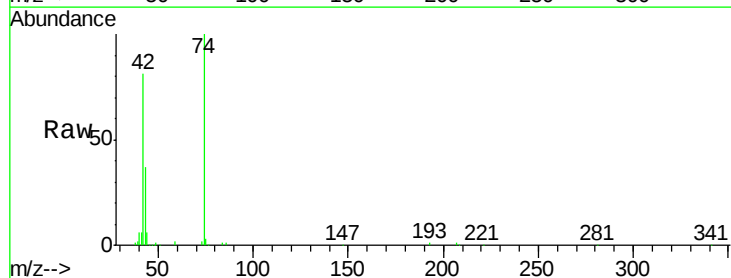
Tgt Ion: 42 Resp: 237995

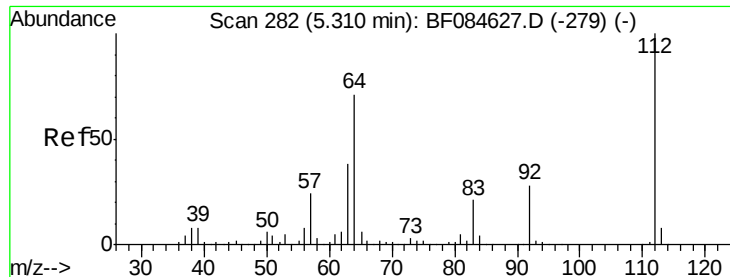
Ion Ratio Lower Upper

42 100

74 124.2 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 71.26 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

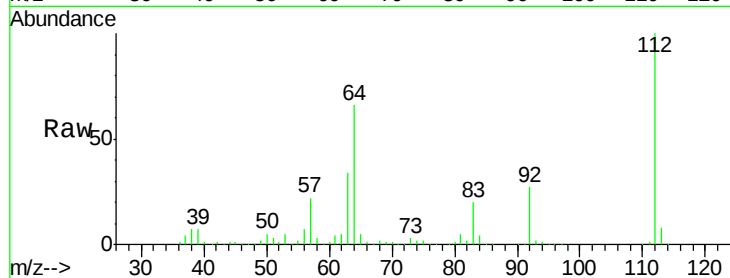
BNA_F

ClientSampleId :

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Tgt Ion: 112 Resp: 790854

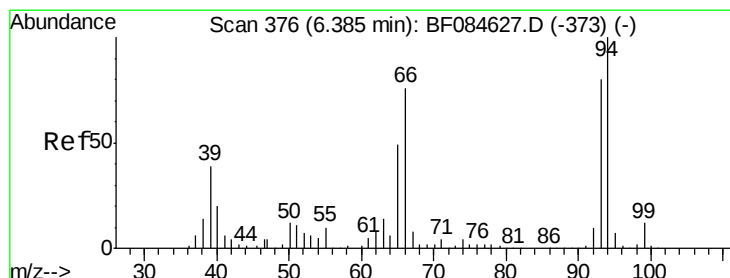
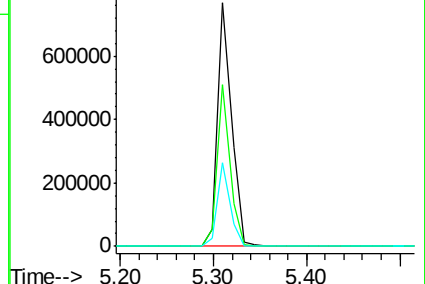
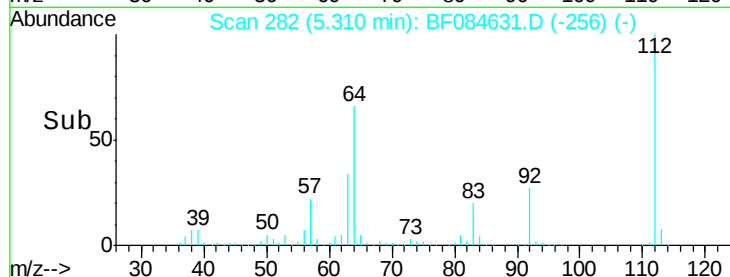
Ion	Ratio	Lower	Upper
112	100		
64	66.2	36.6	55.0#
63	34.3	19.4	29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.72 ng

RT: 6.38 min Scan# 376

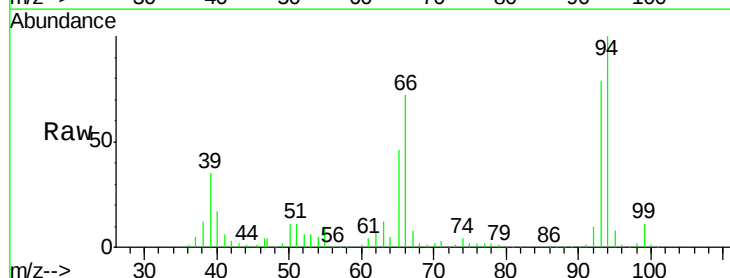
Delta R.T. -0.00 min

Lab File: BF084631.D

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Tgt Ion: 93 Resp: 627021

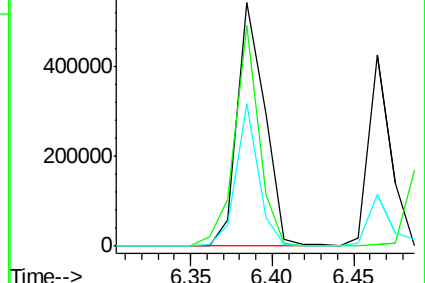
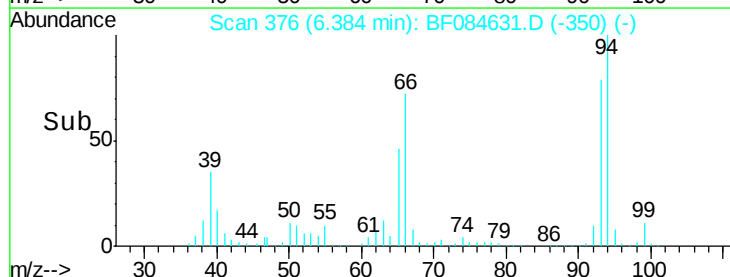
Ion	Ratio	Lower	Upper
93	100		
66	90.5	44.9	67.3#
65	58.3	23.7	35.5#

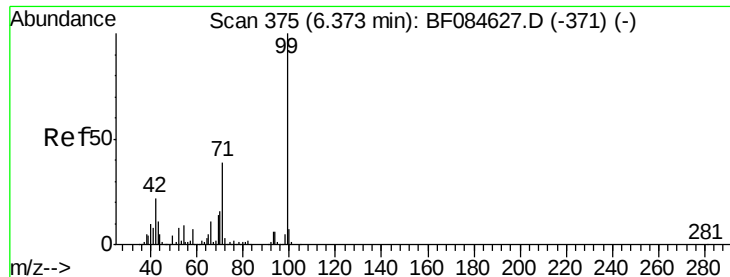


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.81 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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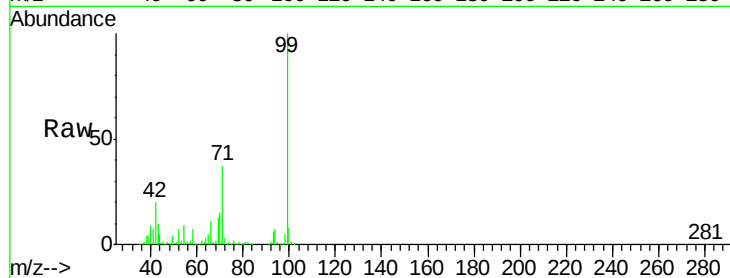
Tgt Ion: 99 Resp: 981805

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

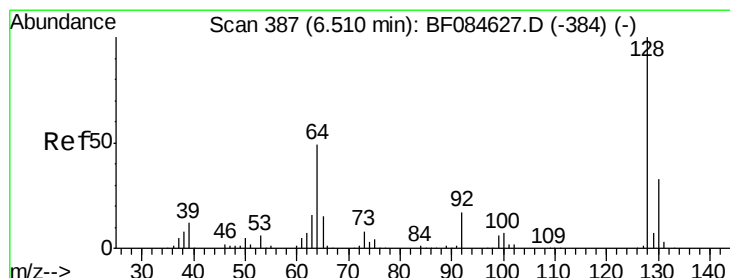
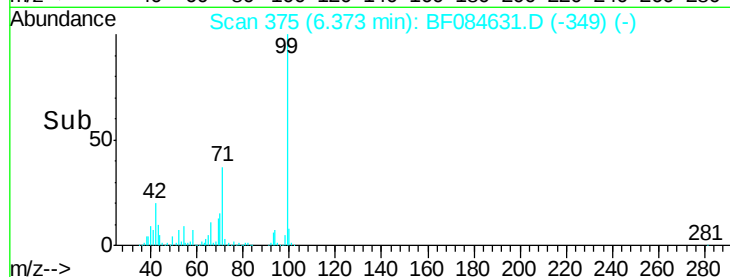
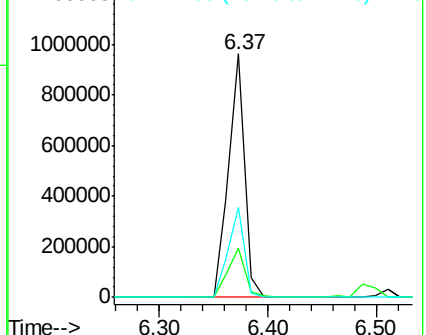
71 36.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.38 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

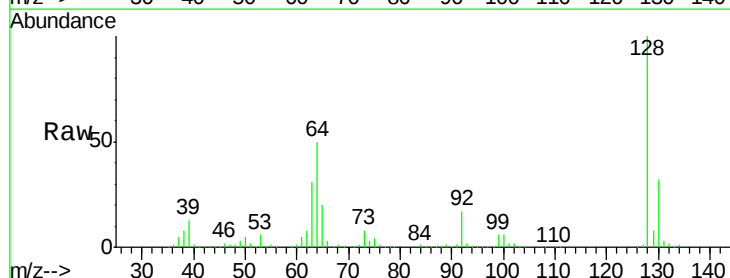
Tgt Ion: 128 Resp: 472493

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

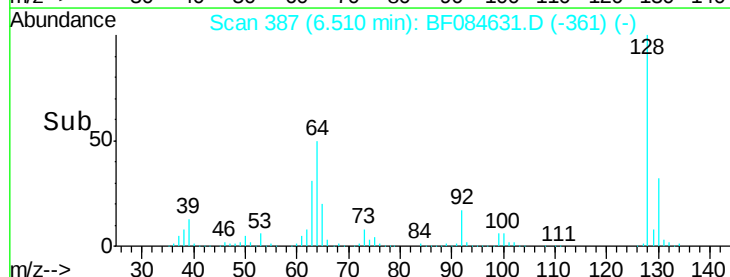
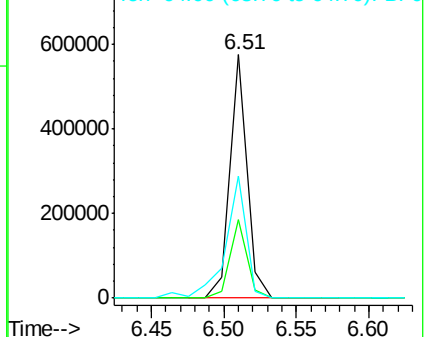
64 49.9 23.8 63.8

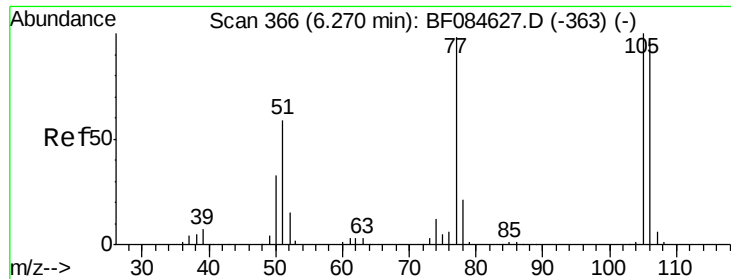


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

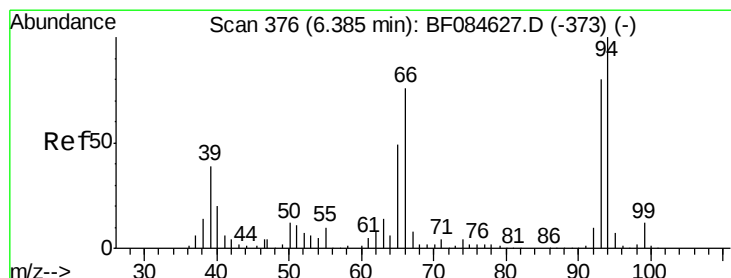
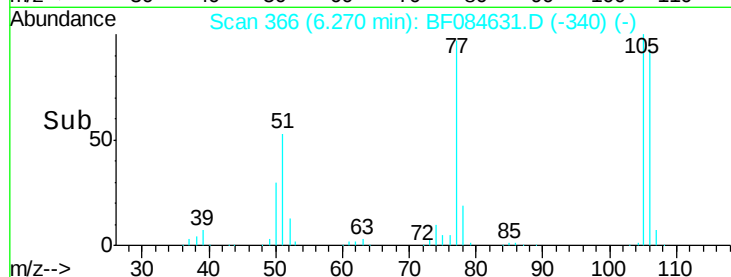
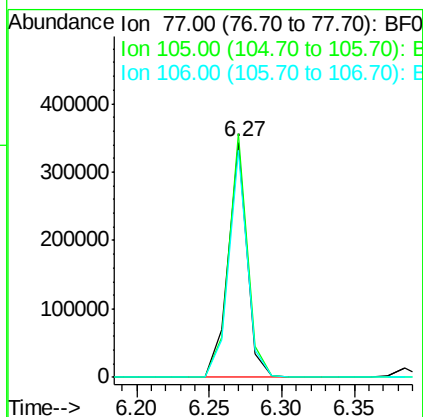
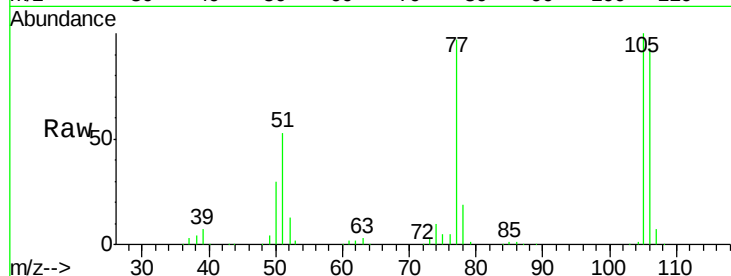




#9
Benzaldehyde
Concen: 40.25 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.00 min
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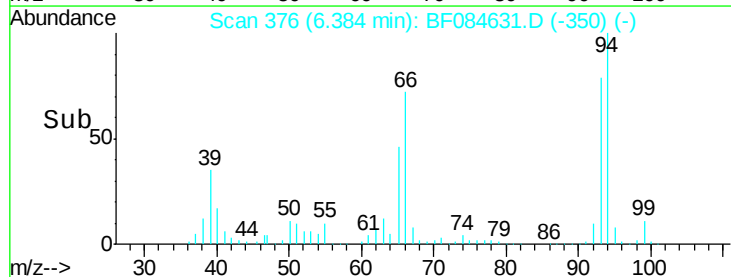
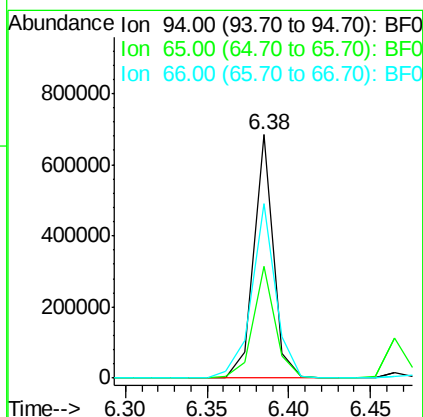
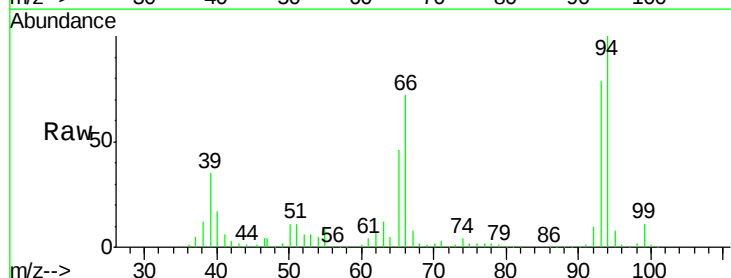
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

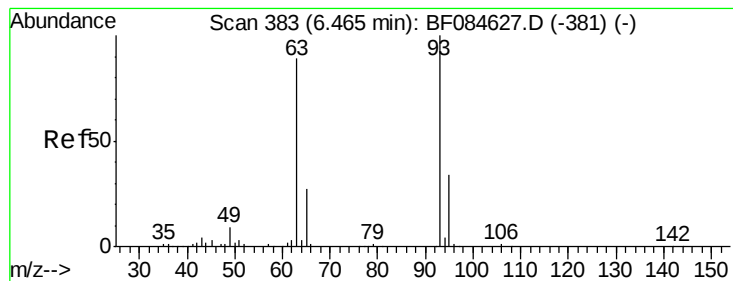
Tgt Ion: 77 Resp: 310044
Ion Ratio Lower Upper
77 100
105 103.6 83.0 123.0
106 96.5 74.6 114.6



#10
Phenol
Concen: 38.52 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion: 94 Resp: 570984
Ion Ratio Lower Upper
94 100
65 46.1 12.9 52.9
66 71.6 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 34.45 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

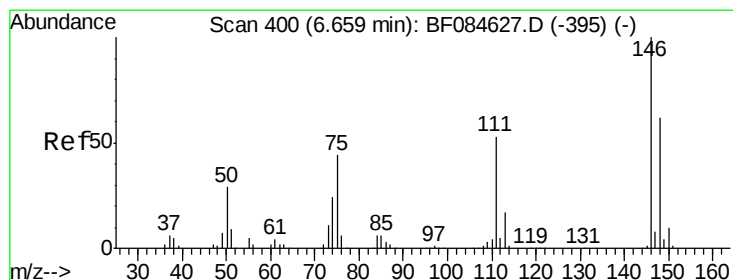
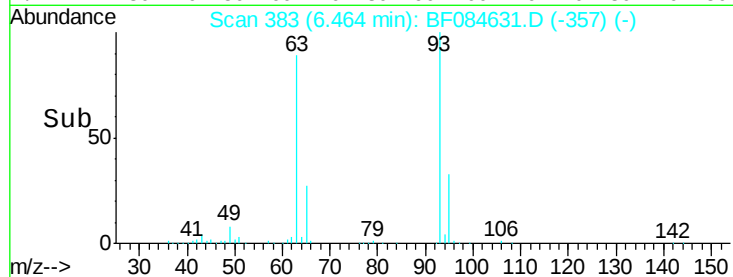
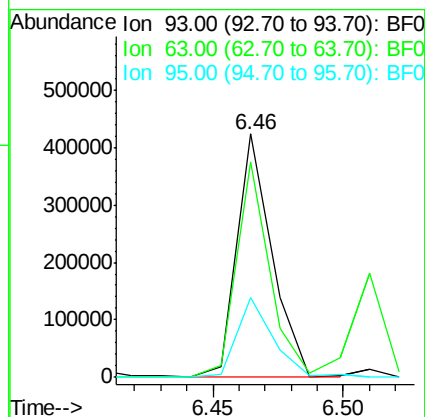
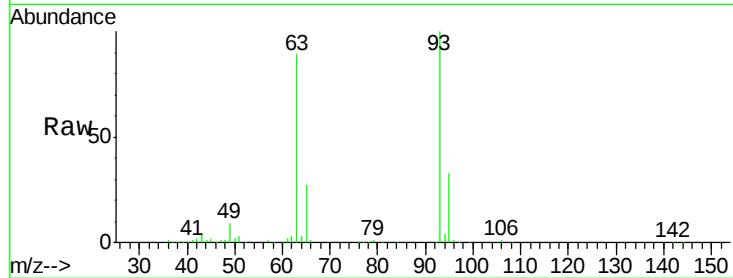
Tgt Ion: 93 Resp: 397226

Ion Ratio Lower Upper

93 100

63 88.5 45.9 85.9#

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.46 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

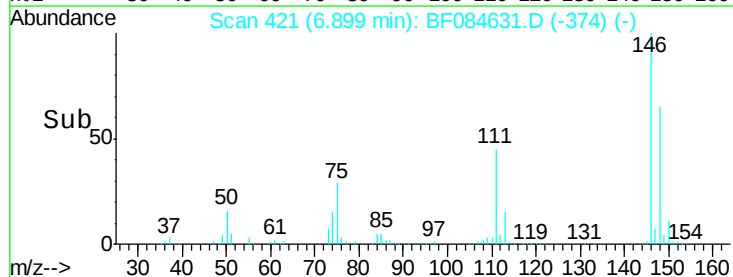
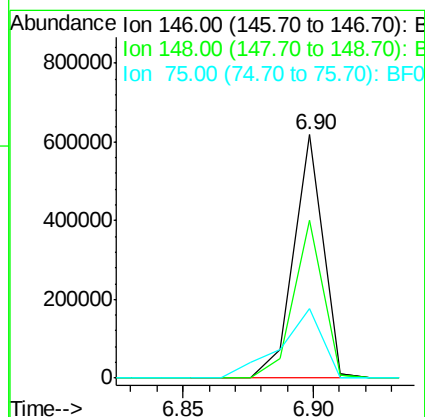
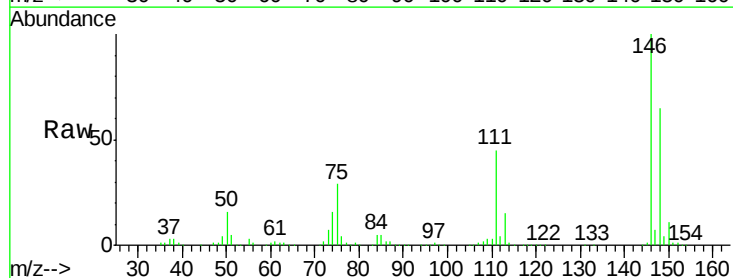
Tgt Ion: 146 Resp: 480890

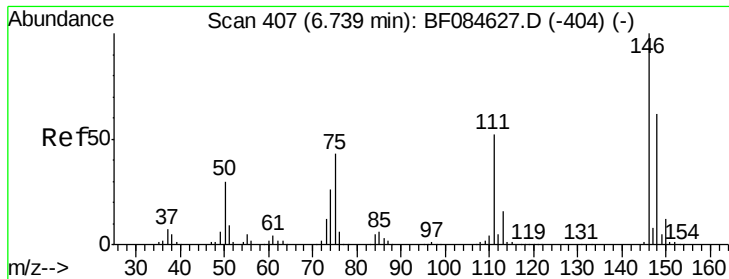
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

75 28.8 20.5 30.7

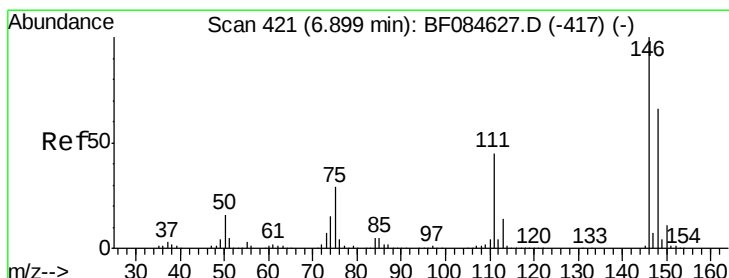
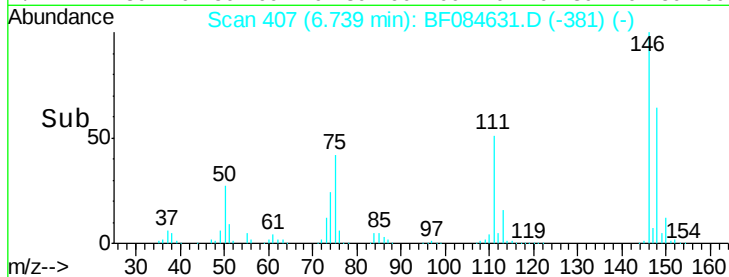
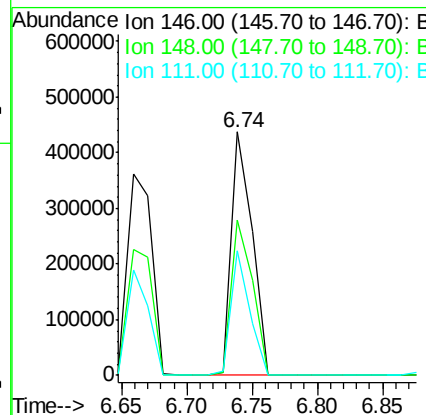
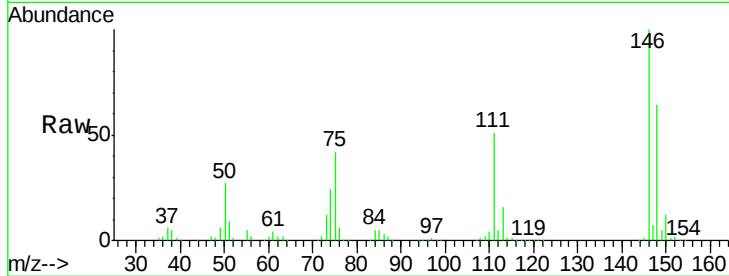




#13
 1,4-Dichlorobenzene
 Concen: 37.33 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

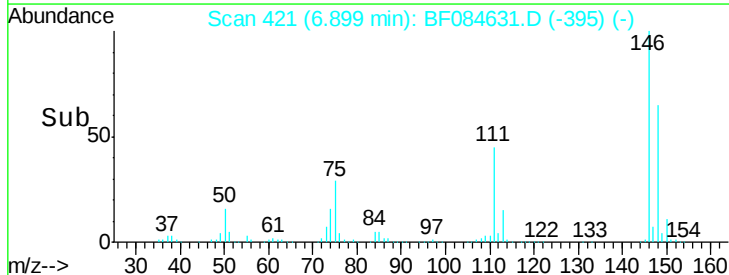
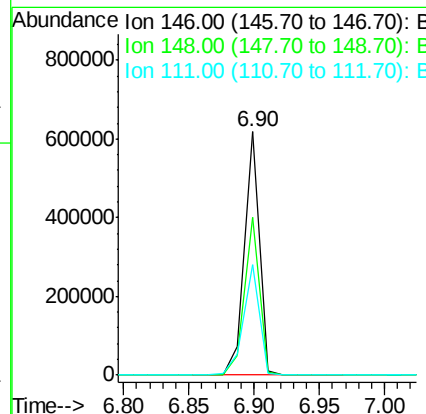
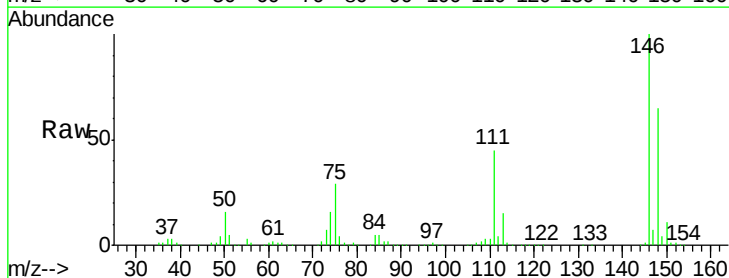
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

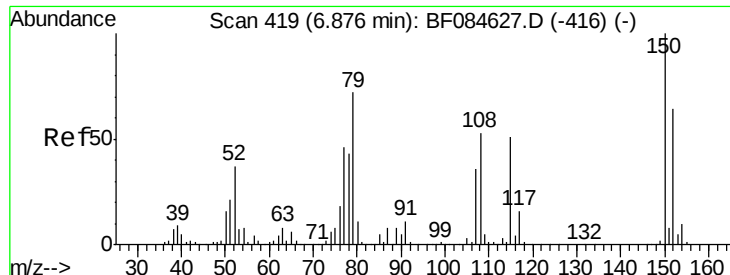
Tgt Ion:146 Resp: 483130
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 51.2 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 40.39 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:146 Resp: 481378
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.6 77.4
 111 45.3 38.0 57.0

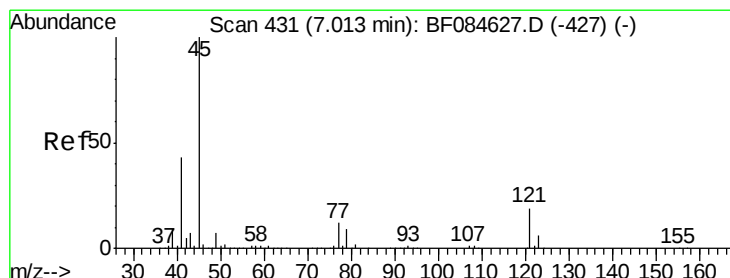
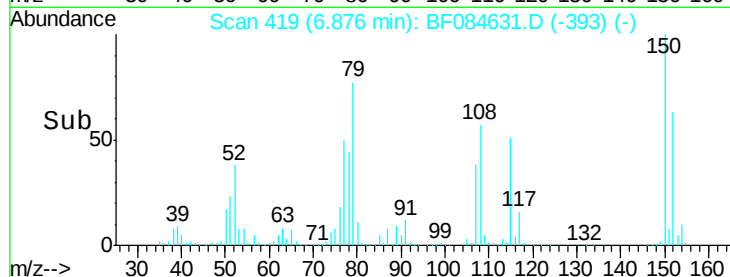
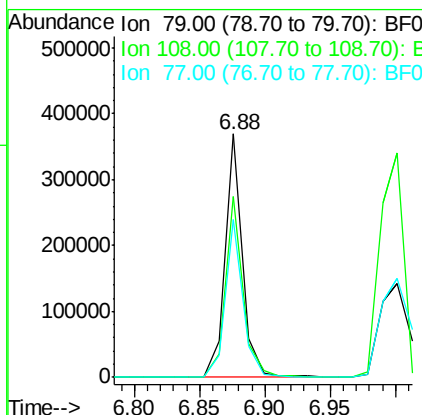
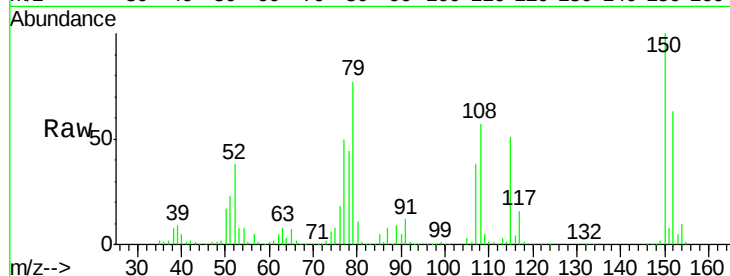




#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

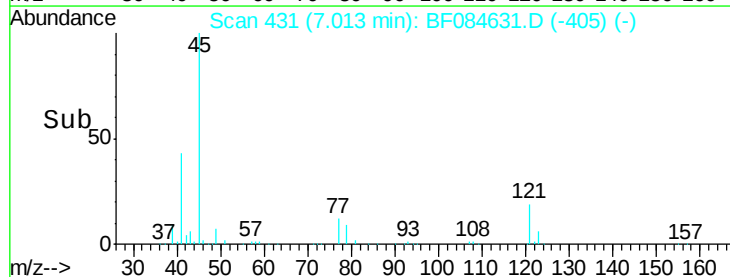
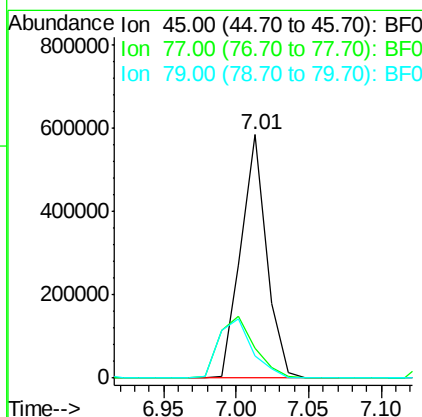
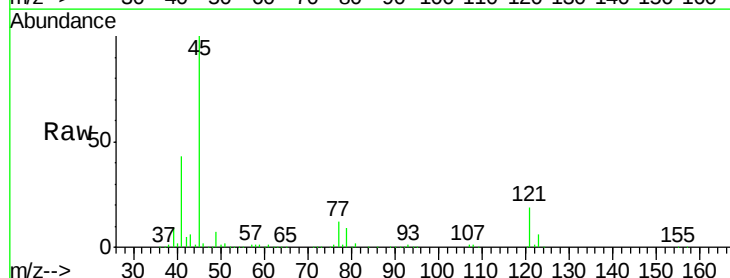
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

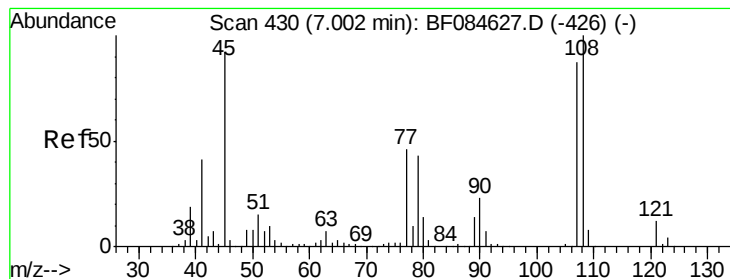
Tgt Ion: 79 Resp: 342167
Ion Ratio Lower Upper
79 100
108 74.0 69.0 103.4
77 65.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.81 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion: 45 Resp: 726272
Ion Ratio Lower Upper
45 100
77 12.5 0.0 39.6
79 9.3 0.0 35.0





#17

2-Methylphenol

Concen: 38.57 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

Tgt Ion:107 Resp: 368061

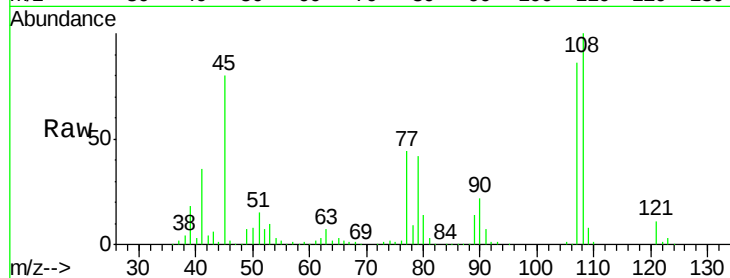
Ion Ratio Lower Upper

107 100

108 115.9 89.8 134.6

77 51.0 35.7 53.5

79 48.2 35.7 53.5

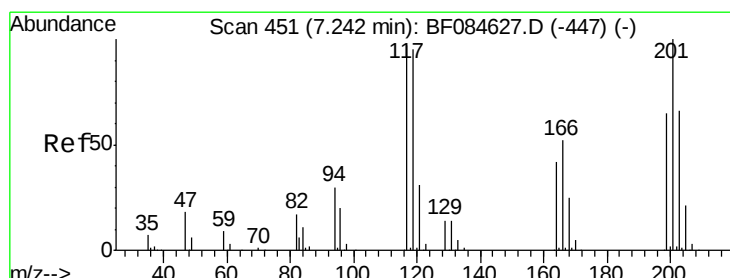
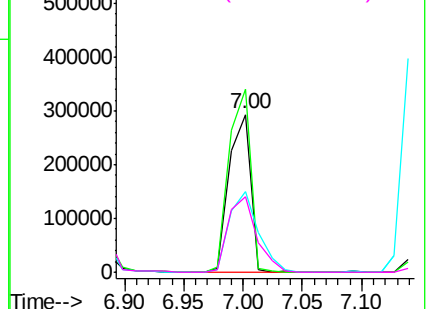
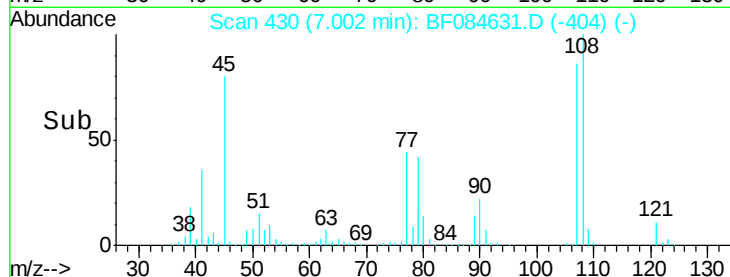


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.33 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

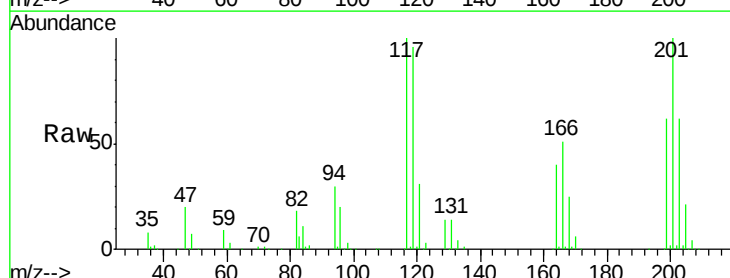
Tgt Ion:117 Resp: 199168

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

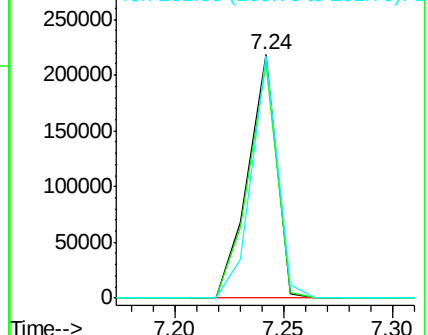
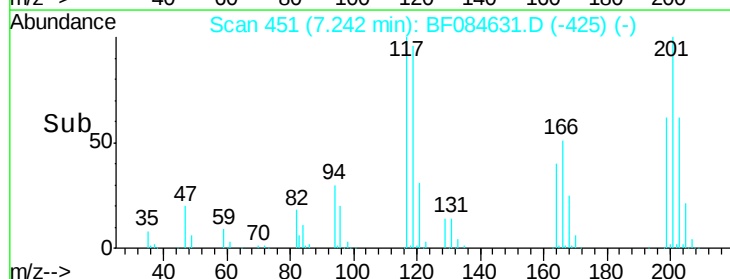
201 99.5 68.6 103.0

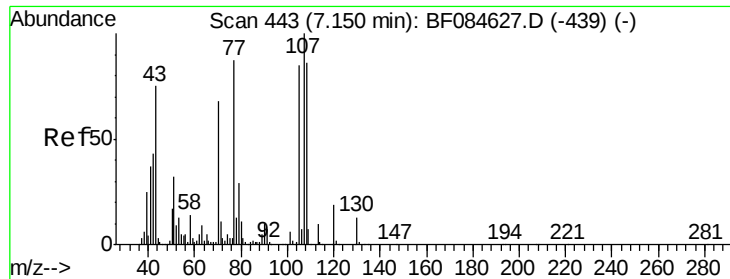


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

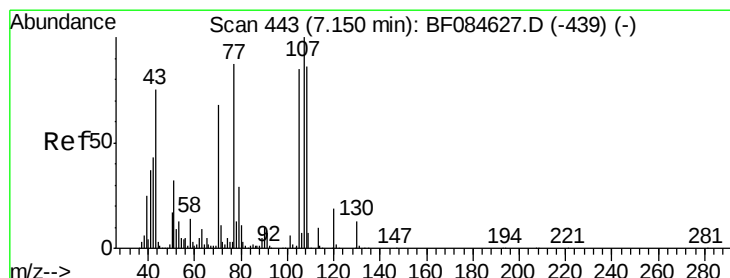
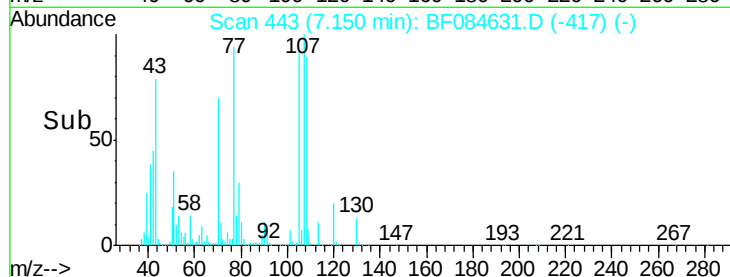
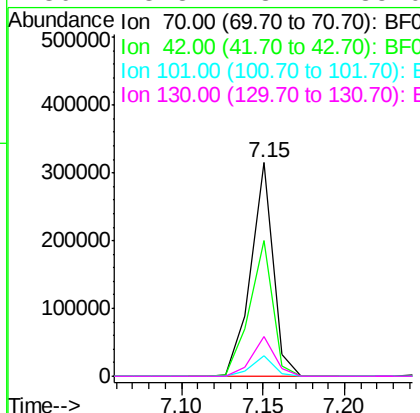
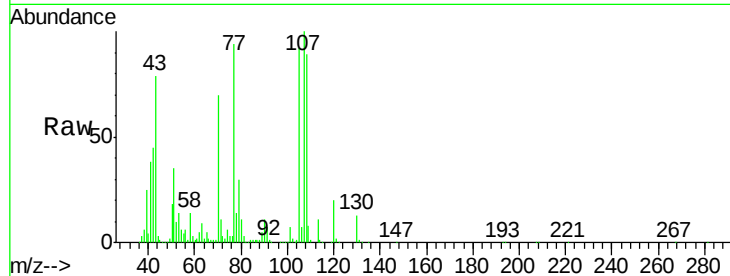




#19
n-Nitroso-di-n-propylamine
Concen: 37.03 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

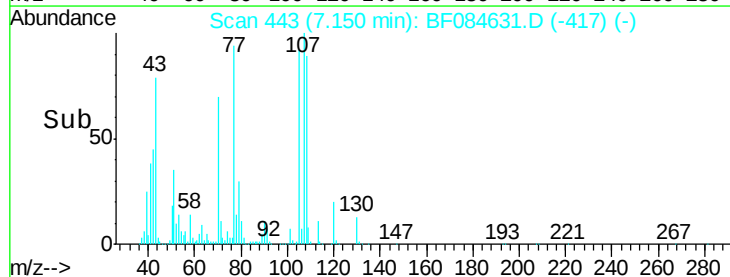
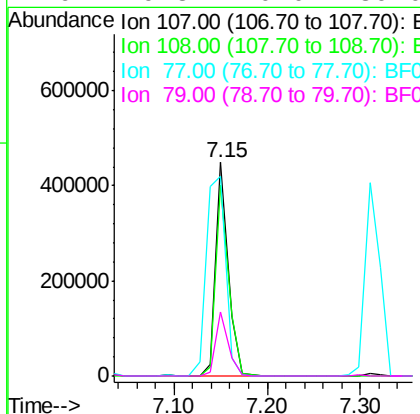
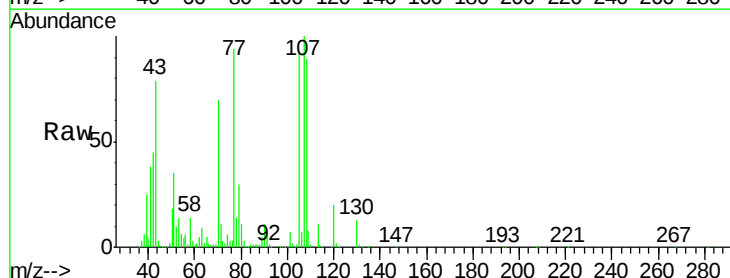
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

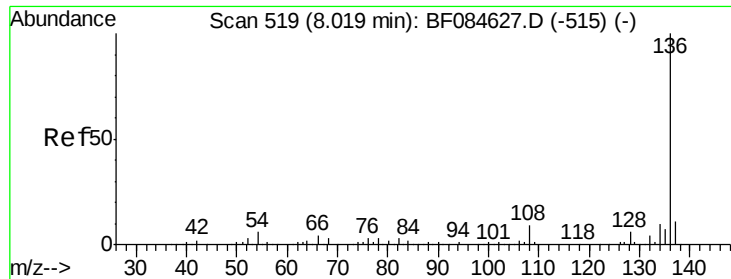
Tgt Ion:	70	Resp:	300883
Ion	Ratio	Lower	Upper
70	100		
42	63.6	33.3	49.9#
101	9.5	9.3	13.9
130	18.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 36.05 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:	107	Resp:	417477
Ion	Ratio	Lower	Upper
107	100		
108	89.0	74.6	114.6
77	93.5	0.7	40.7#
79	29.8	0.0	39.0

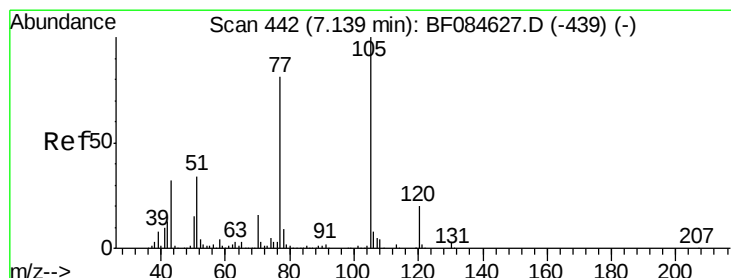
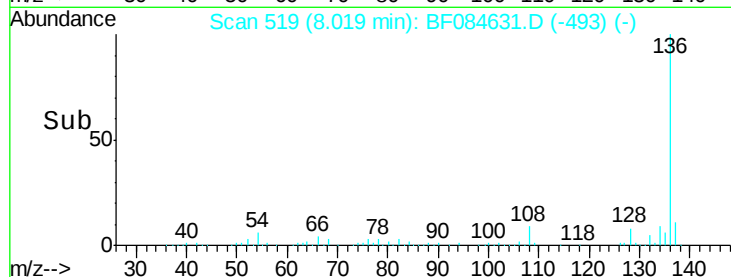
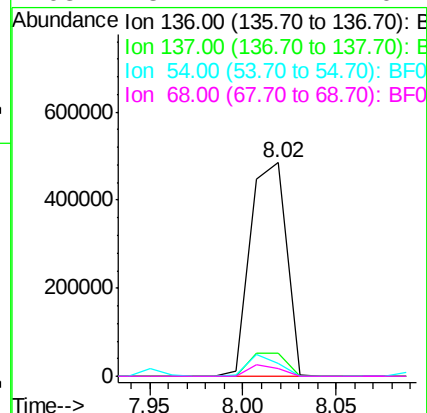
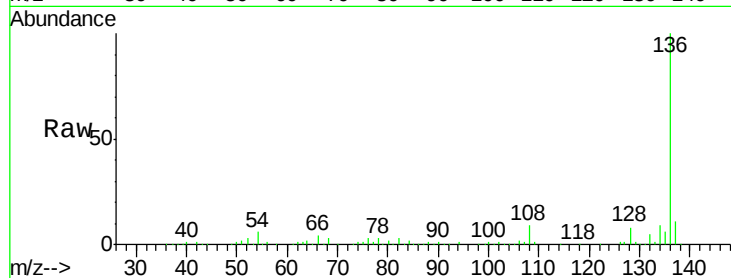




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

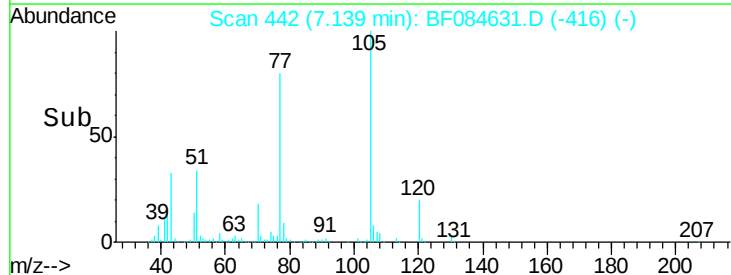
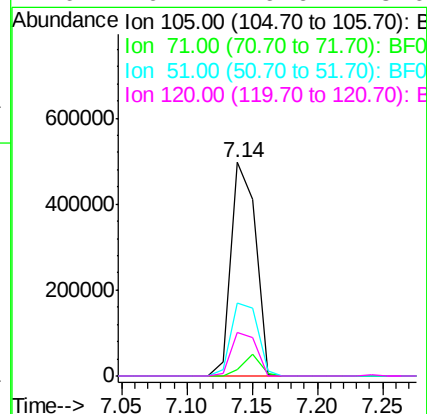
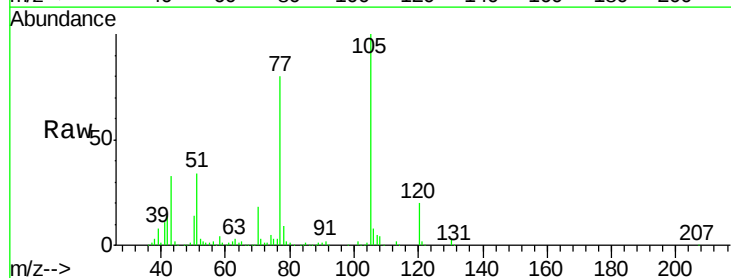
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

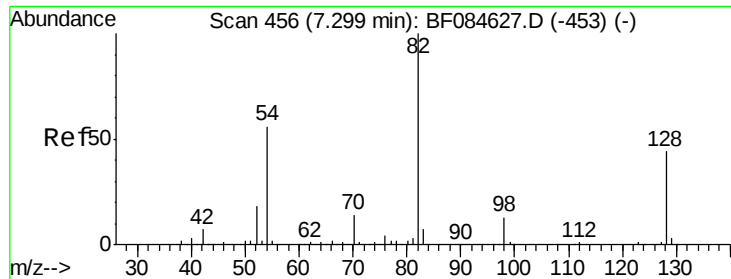
Tgt Ion:	136	Resp:	649518
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.9	5.8	8.8
68	3.4	4.2	6.2#



#22
Acetophenone
Concen: 38.29 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:	105	Resp:	649520
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.7	5.5#
51	34.0	25.1	37.7
120	20.1	16.6	25.0

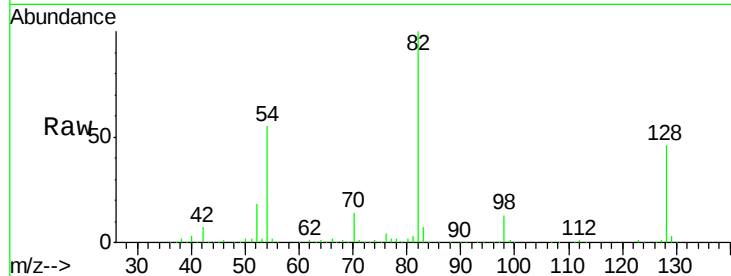




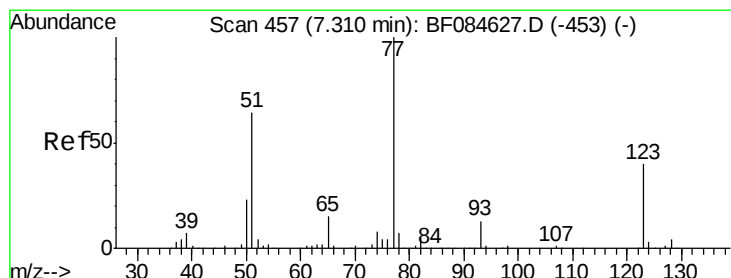
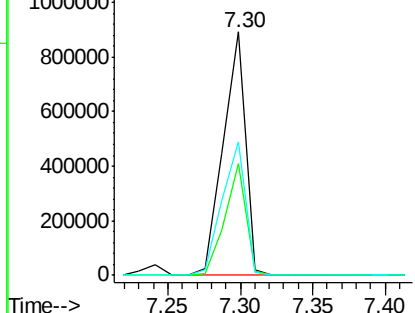
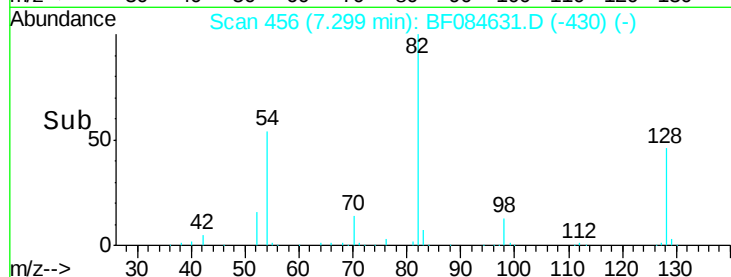
#23
 Nitrobenzene-d5
 Concen: 81.84 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion: 82 Resp: 951177
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 54.8 38.4 57.6

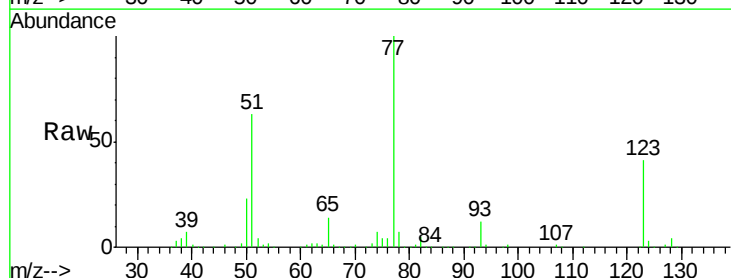


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

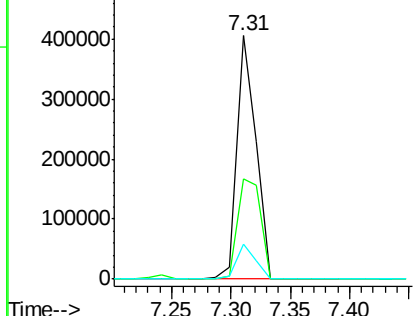
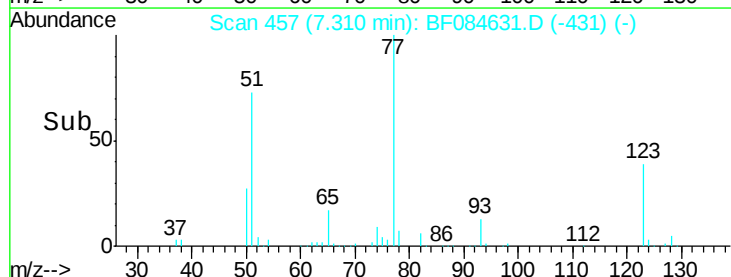


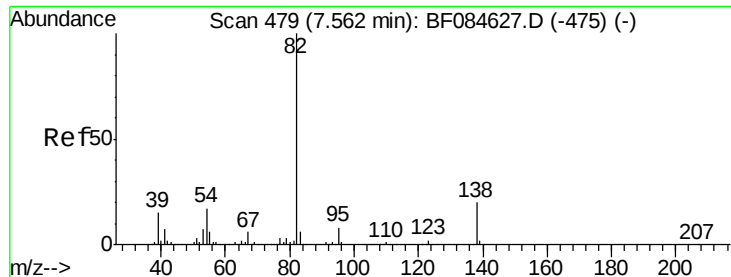
#24
 Nitrobenzene
 Concen: 36.53 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion: 77 Resp: 451205
 Ion Ratio Lower Upper
 77 100
 123 41.3 37.4 56.2
 65 14.1 10.9 16.3



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





#25

Isophorone

Concen: 40.37 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

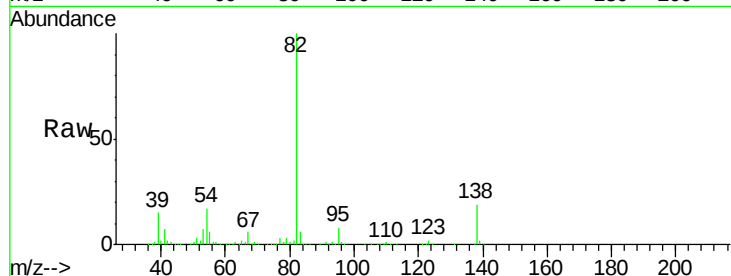
Tgt Ion: 82 Resp: 878932

Ion Ratio Lower Upper

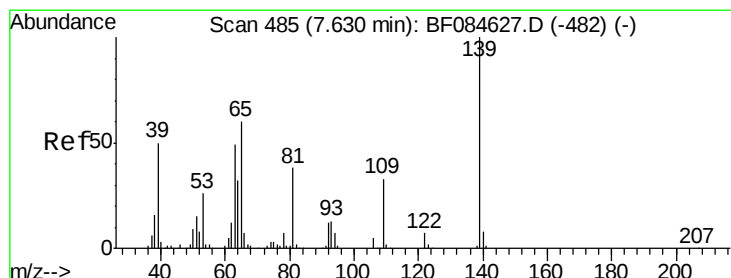
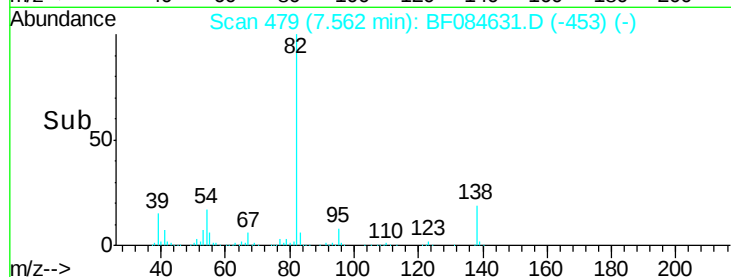
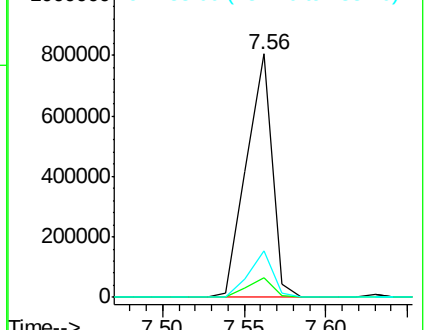
82 100

95 8.1 6.6 10.0

138 19.2 13.6 20.4



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



#26

2-Nitrophenol

Concen: 38.80 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

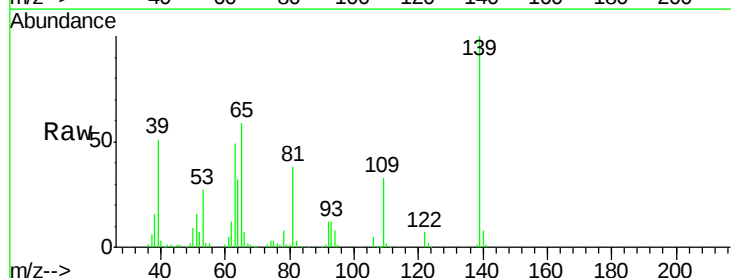
Tgt Ion: 139 Resp: 227919

Ion Ratio Lower Upper

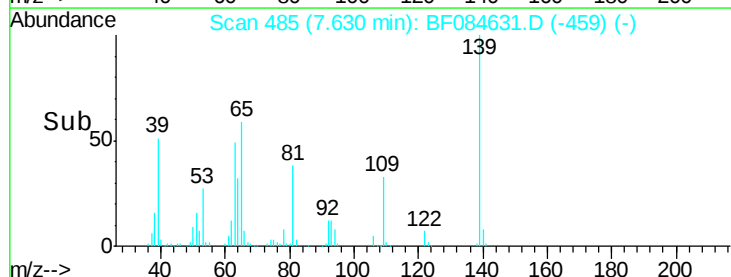
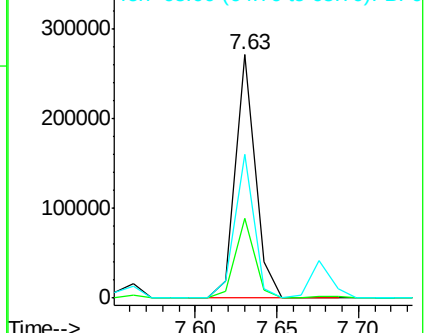
139 100

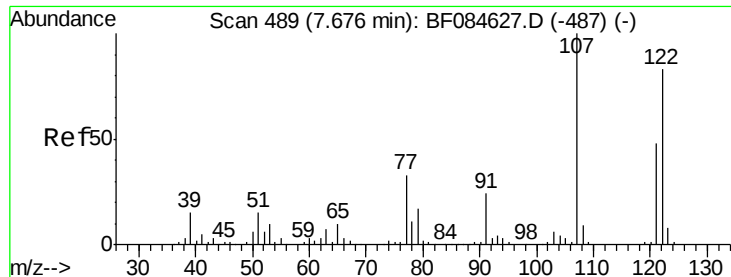
109 32.5 25.4 38.2

65 59.2 32.3 48.5#



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: 36.29 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

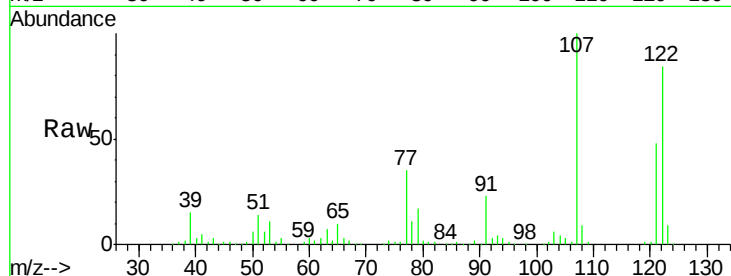
Tgt Ion:122 Resp: 373538

Ion Ratio Lower Upper

122 100

107 118.5 99.1 148.7

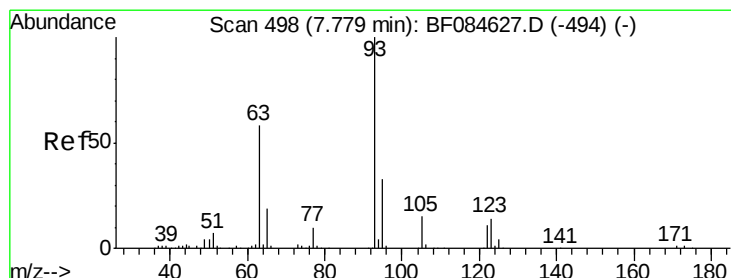
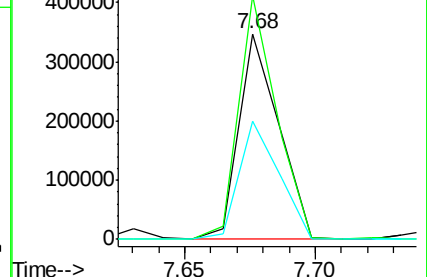
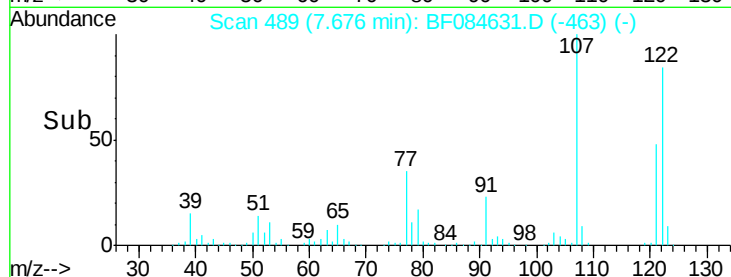
121 57.3 47.9 71.9



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: 38.47 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

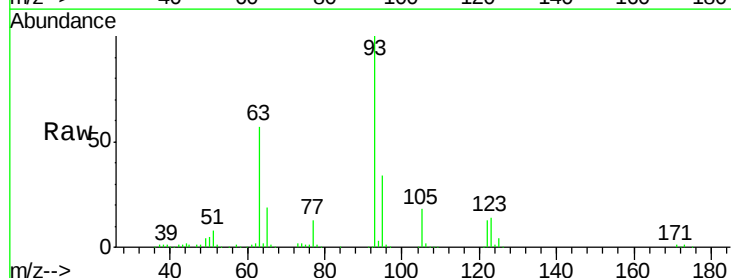
Tgt Ion: 93 Resp: 502674

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

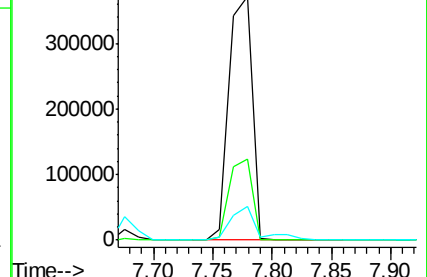
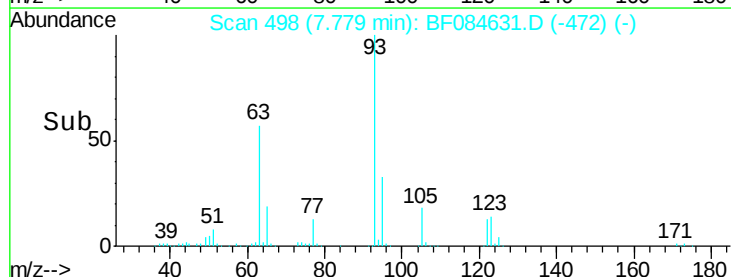
123 13.9 8.6 12.8#

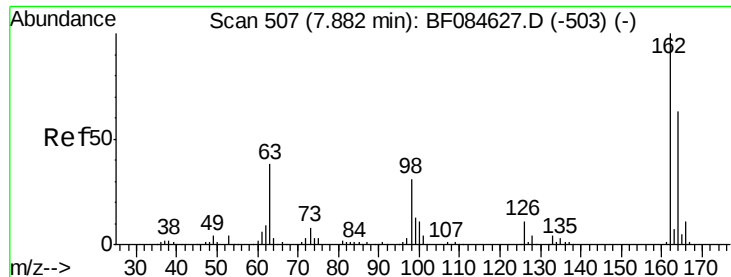


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

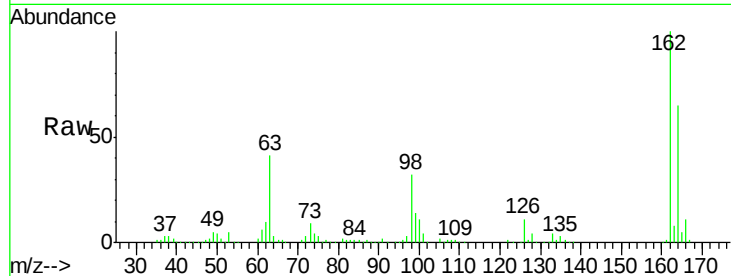




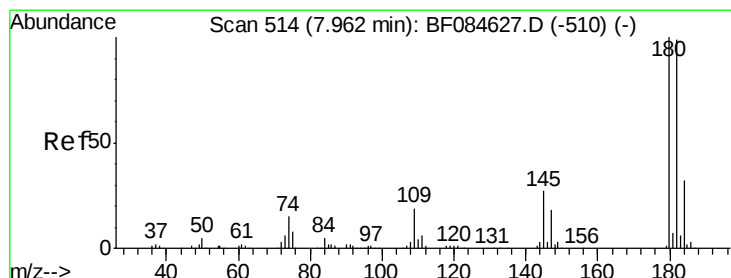
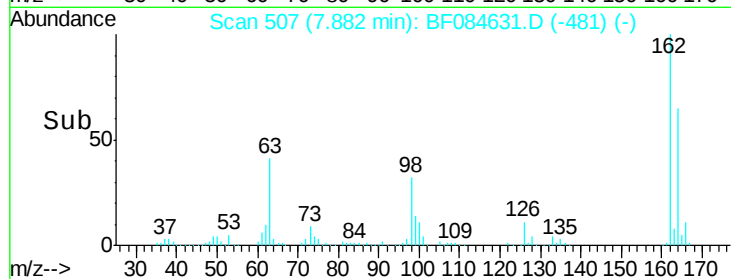
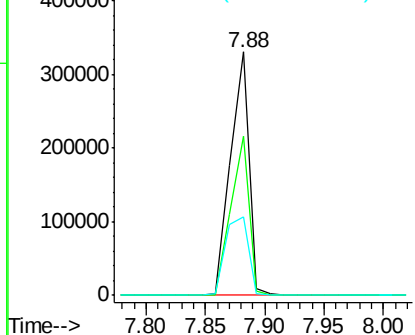
#29
 2,4-Dichlorophenol
 Concen: 39.71 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:162 Resp: 357521
 Ion Ratio Lower Upper
 162 100
 164 65.2 44.1 84.1
 98 32.0 20.2 60.2

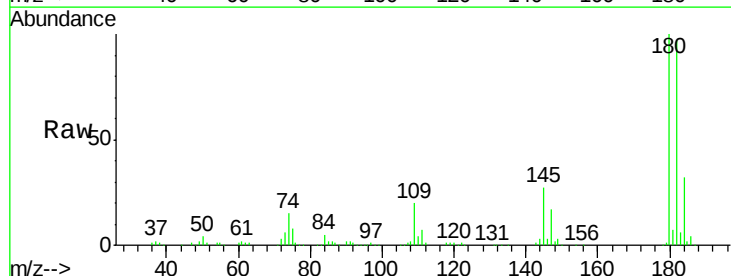


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

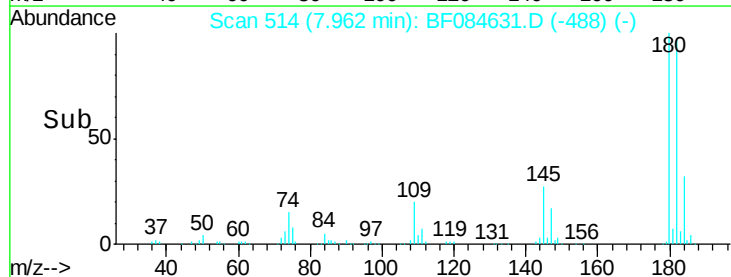
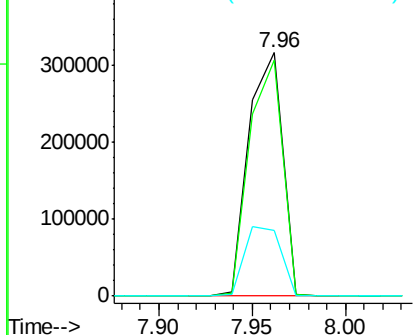


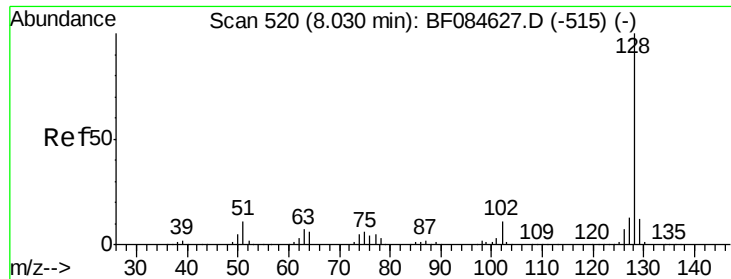
#30
 1,2,4-Trichlorobenzene
 Concen: 38.57 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:180 Resp: 397148
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.4 114.6
 145 27.2 31.6 47.4#



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

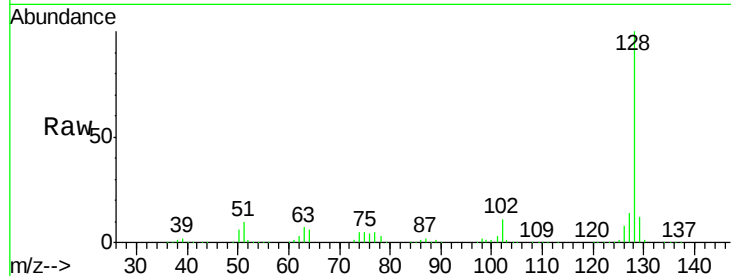




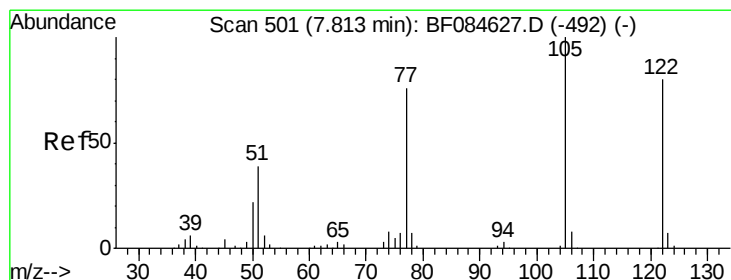
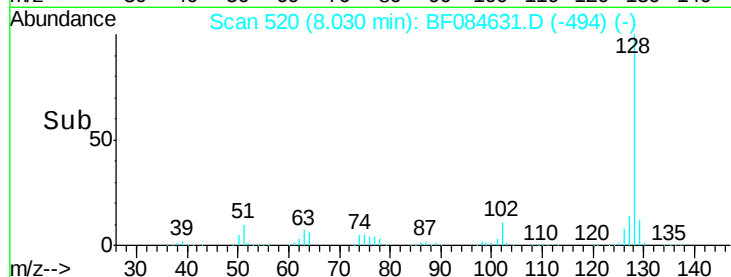
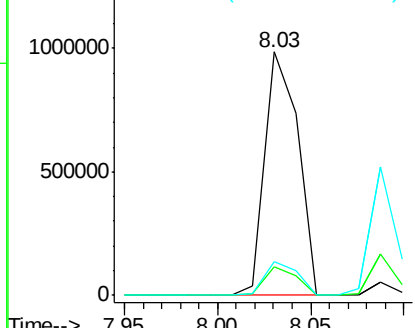
#31
Naphthalene
Concen: 36.89 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Instrument :
BNA_F
ClientSampleId :
ICVBF012916

Tgt Ion:128 Resp: 1209521
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.1 16.7

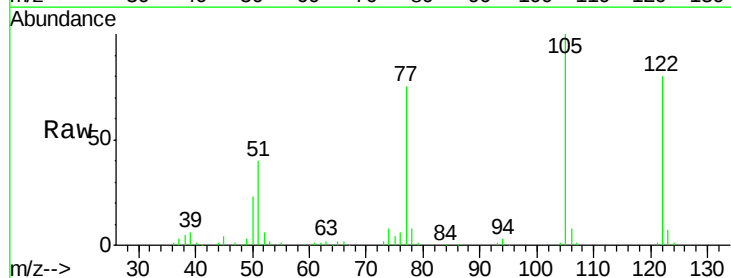


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

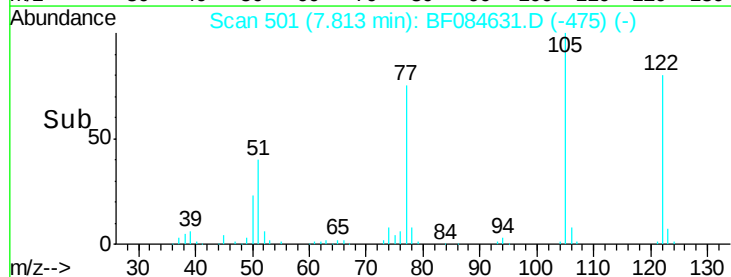
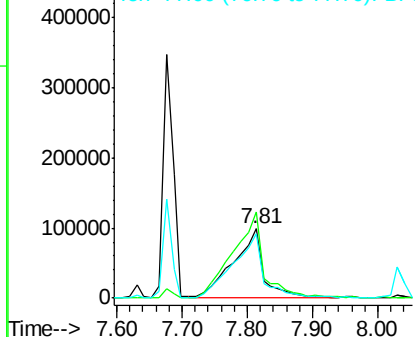


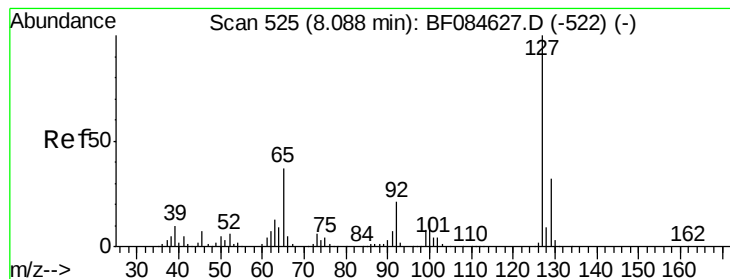
#32
Benzoic acid
Concen: 39.21 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:122 Resp: 309816
Ion Ratio Lower Upper
122 100
105 124.3 100.3 140.3
77 93.2 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.58 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

Tgt Ion:127 Resp: 487789

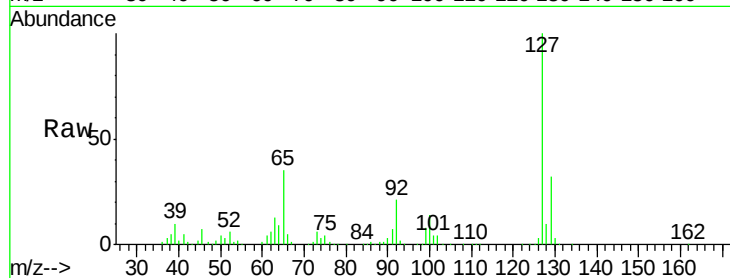
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 35.1 27.2 40.8

92 21.4 17.7 26.5

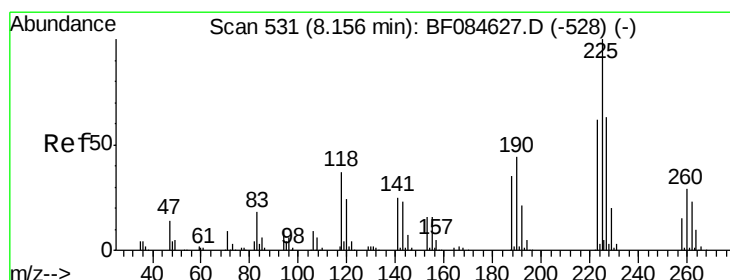
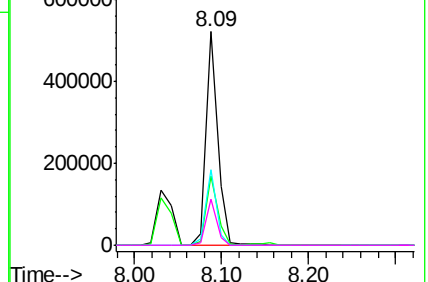
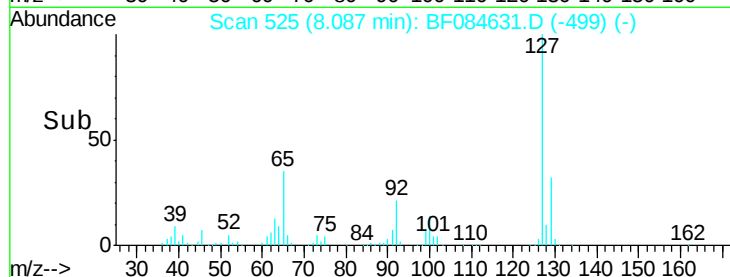


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.64 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

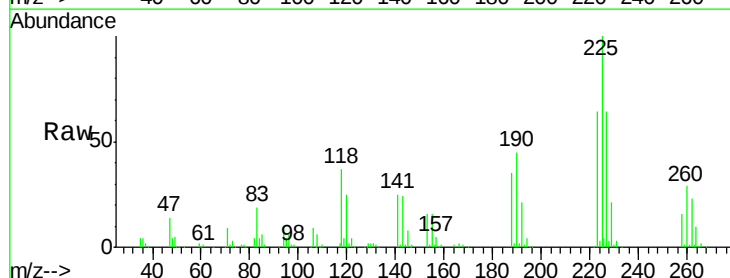
Tgt Ion:225 Resp: 235115

Ion Ratio Lower Upper

225 100

223 64.0 49.4 74.0

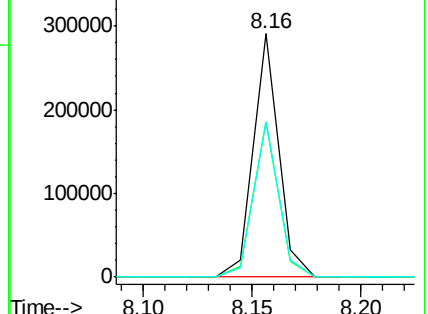
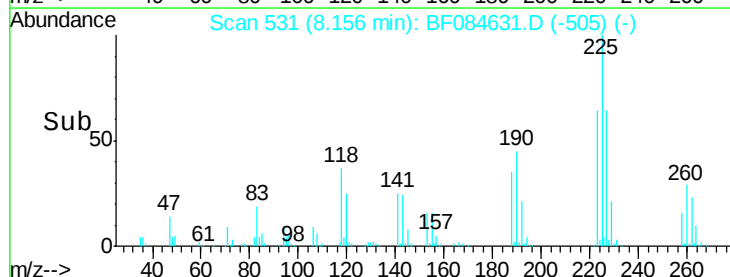
227 63.8 50.8 76.2

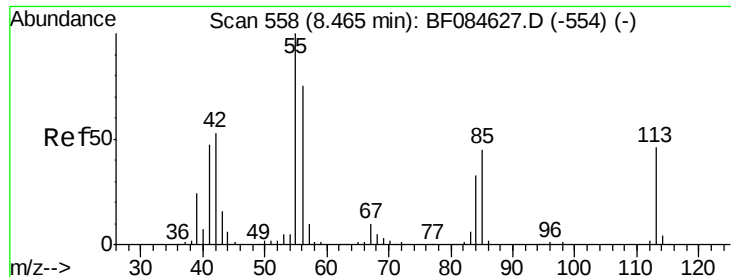


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

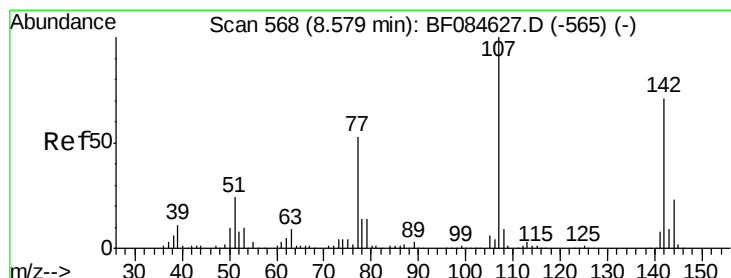
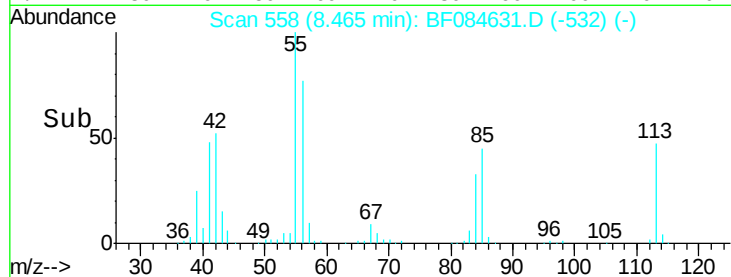
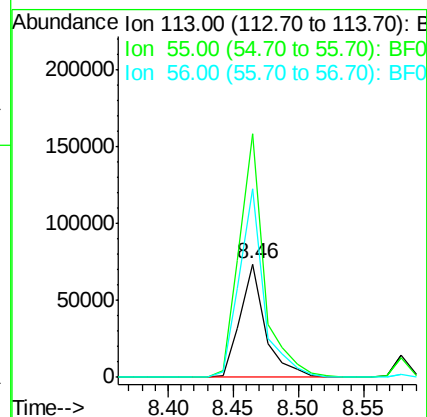
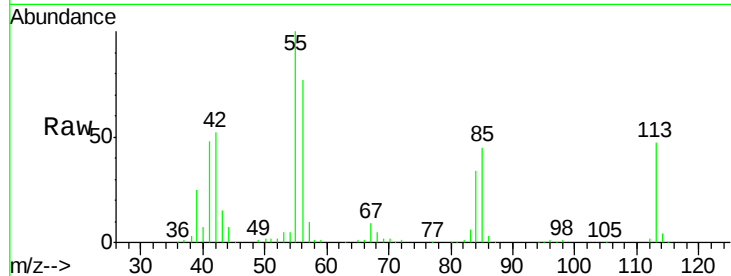




#35
 Caprolactam
 Concen: 38.54 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

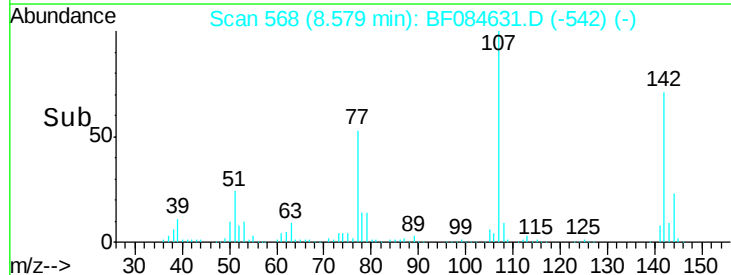
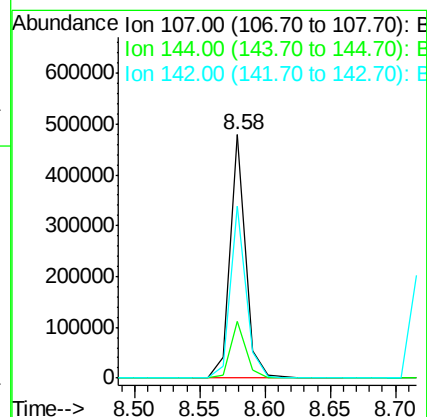
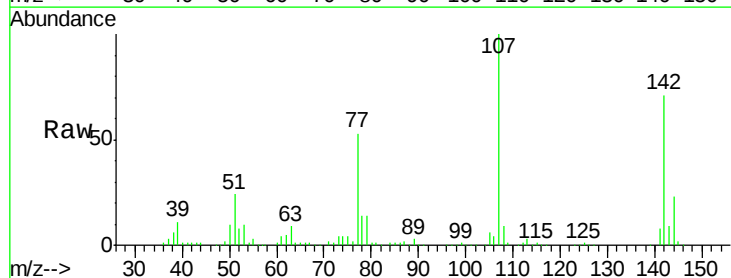
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

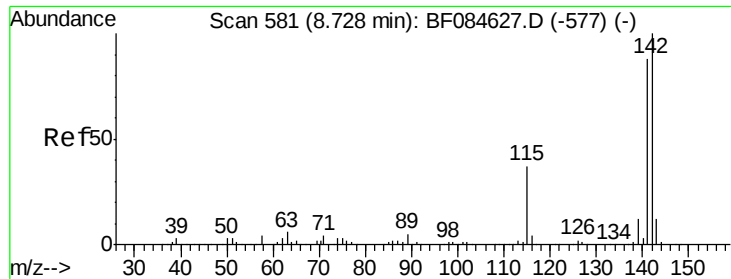
Tgt Ion:113 Resp: 99573
 Ion Ratio Lower Upper
 113 100
 55 215.0 116.9 156.9#
 56 166.1 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:107 Resp: 400816
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.7 29.5
 142 70.9 61.8 92.6

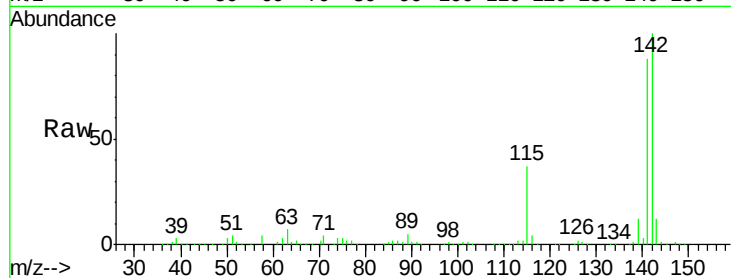




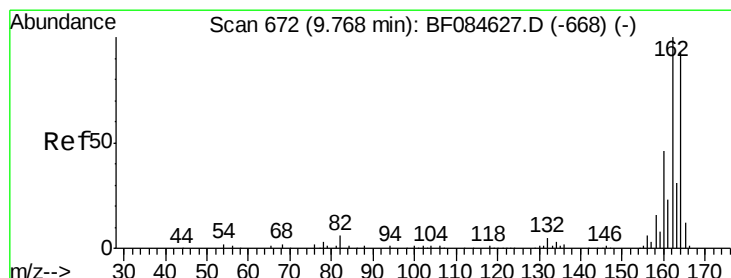
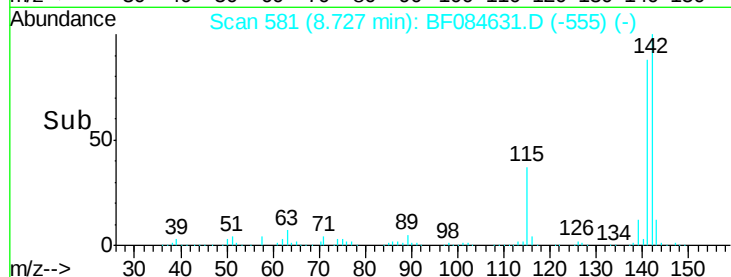
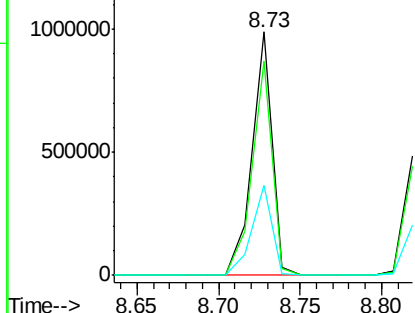
#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Instrument :
BNA_F
ClientSampleId :
ICVBF012916

Tgt Ion:142 Resp: 840257
Ion Ratio Lower Upper
142 100
141 88.1 72.4 108.6
115 37.0 27.9 41.9

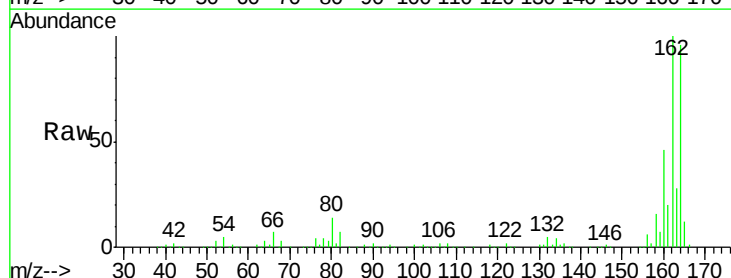


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

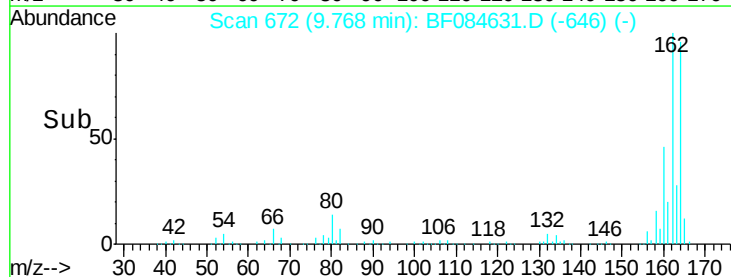
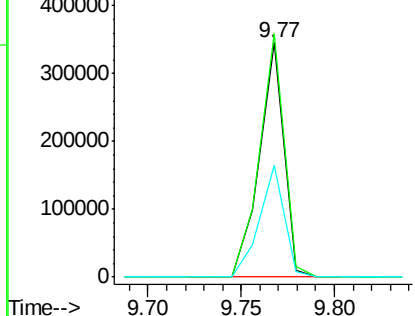


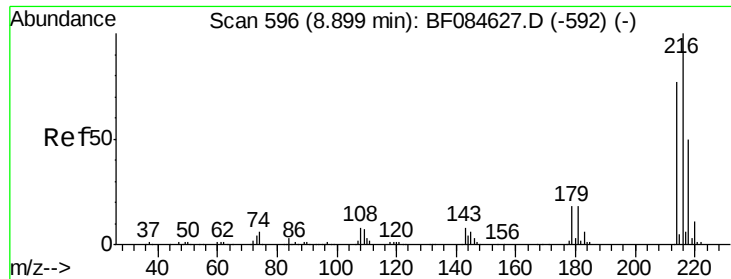
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:164 Resp: 312335
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 47.9 37.5 56.3



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

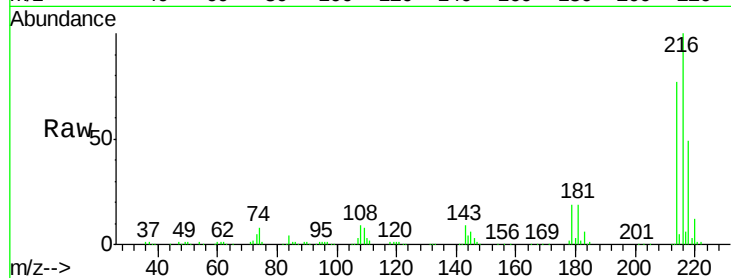




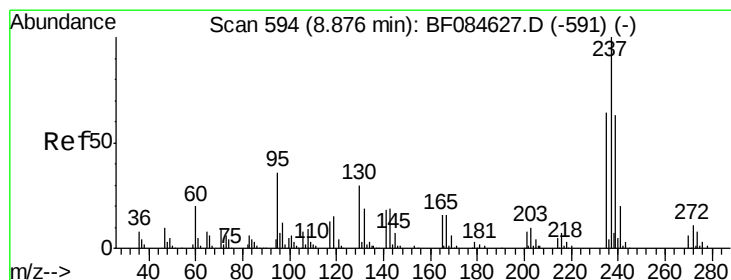
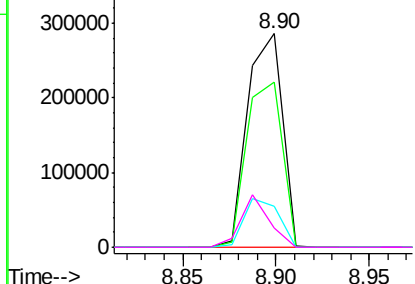
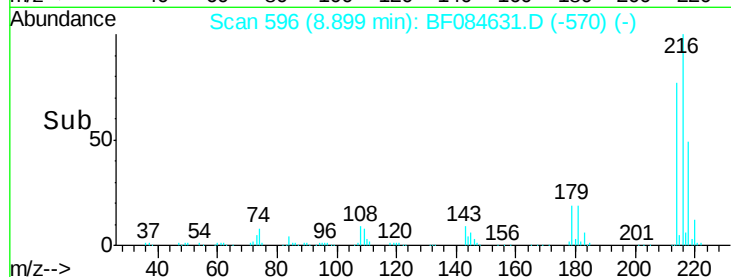
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.59 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:	216	Resp:	370666
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.2	96.2
179	22.9	18.7	28.1
108	20.3	16.8	25.2

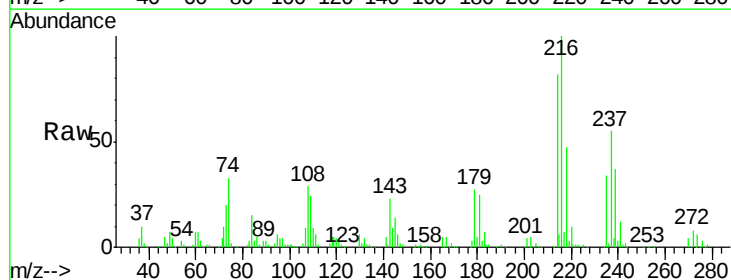


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

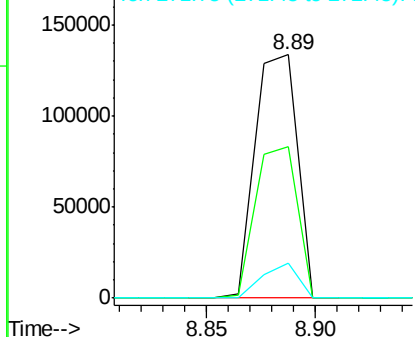
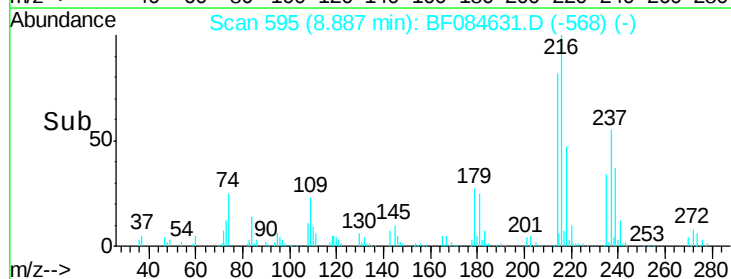


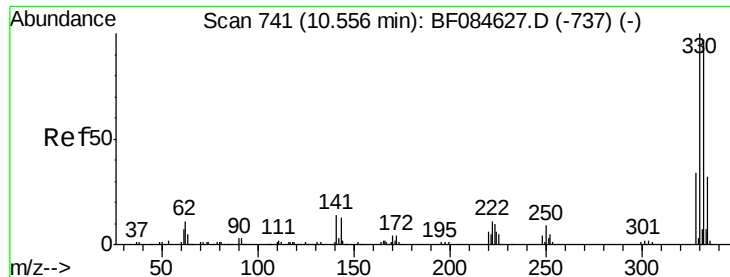
#40
 Hexachlorocyclopentadiene
 Concen: 39.42 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:	237	Resp:	181553
Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.1	83.1
272	14.6	0.0	35.1



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

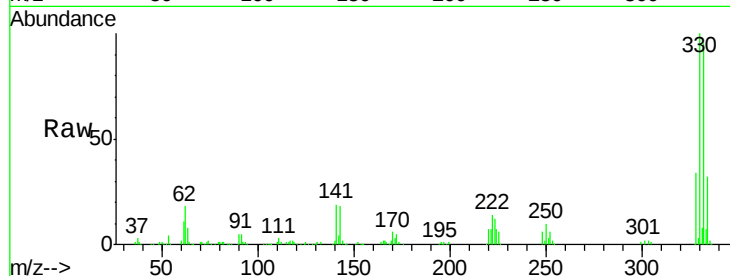




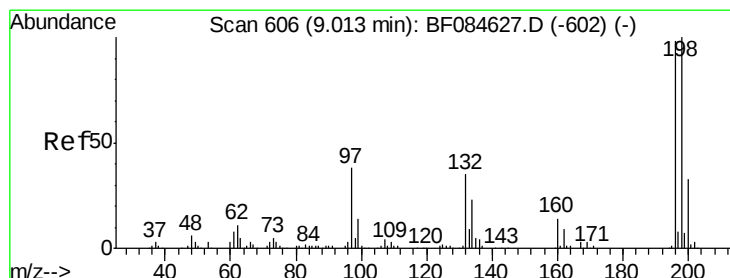
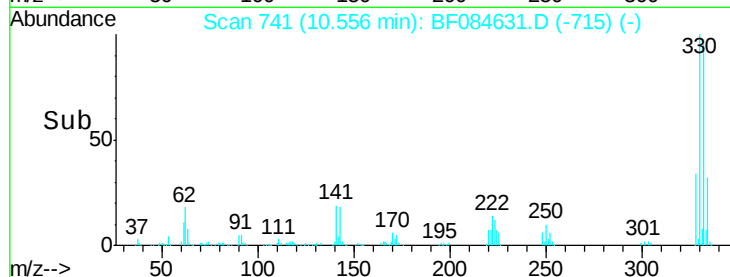
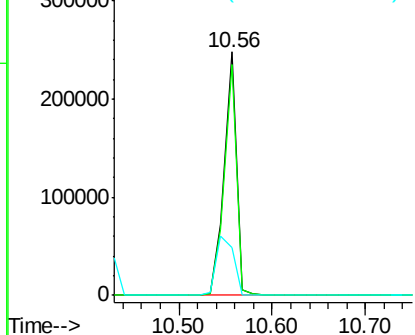
#41
 2,4,6-Tribromophenol
 Concen: 69.53 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:330 Resp: 227606
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 34.0 27.8 41.6

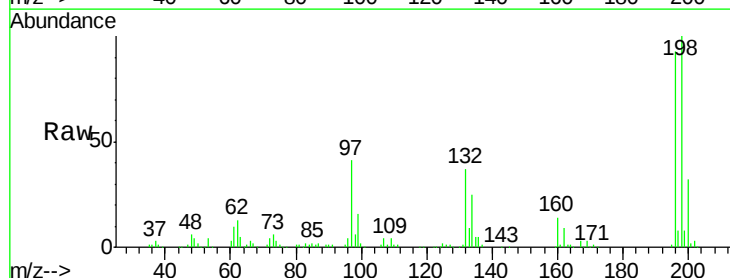


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

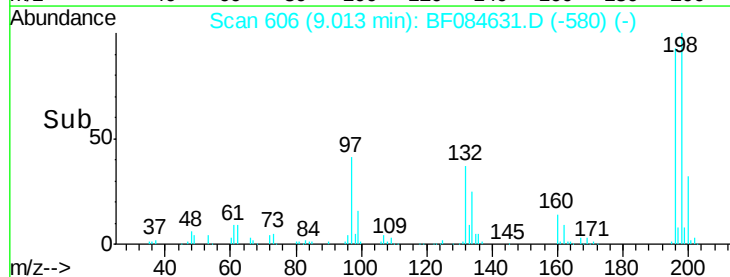
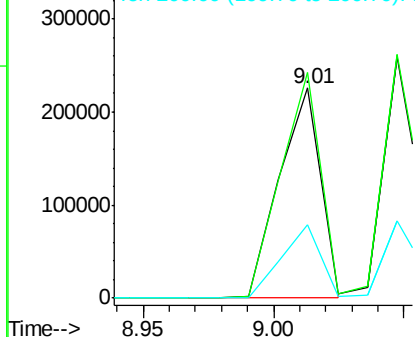


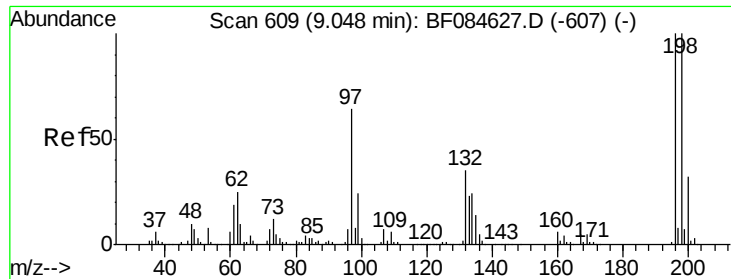
#42
 2,4,6-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:196 Resp: 246573
 Ion Ratio Lower Upper
 196 100
 198 107.5 77.7 116.5
 200 34.7 24.6 37.0



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

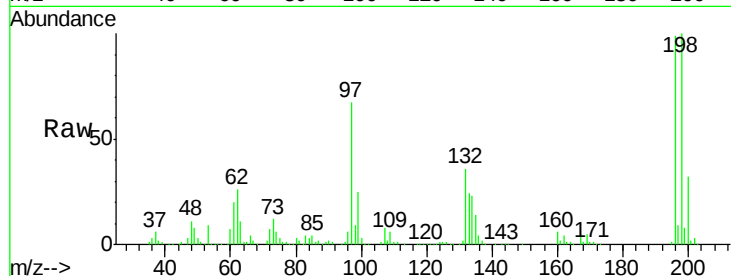




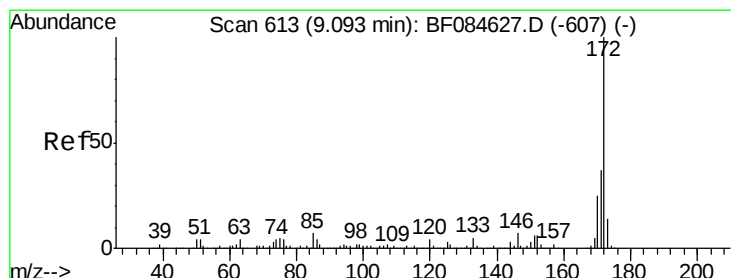
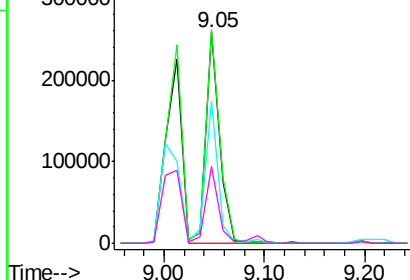
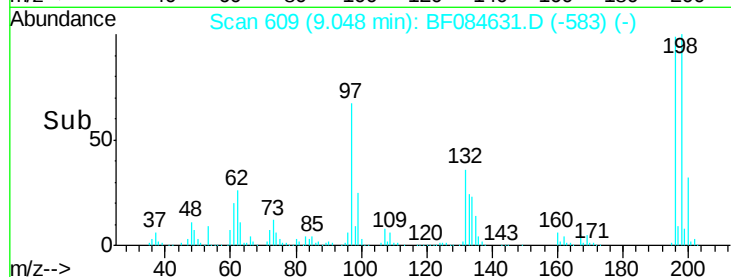
#43
 2,4,5-Trichlorophenol
 Concen: 37.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:196 Resp: 244724
 Ion Ratio Lower Upper
 196 100
 198 101.1 79.0 118.6
 97 67.4 33.0 49.6#
 132 36.2 21.1 31.7#

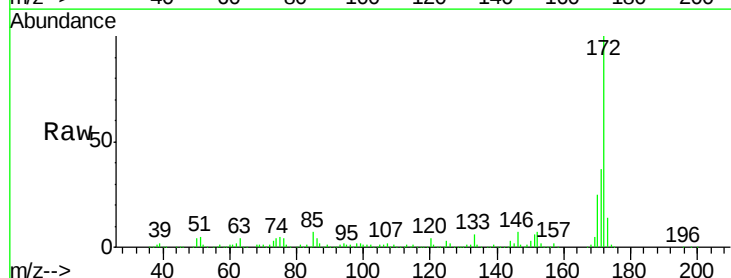


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

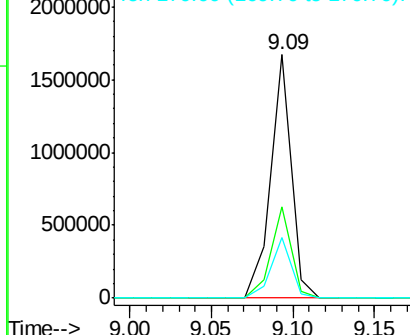
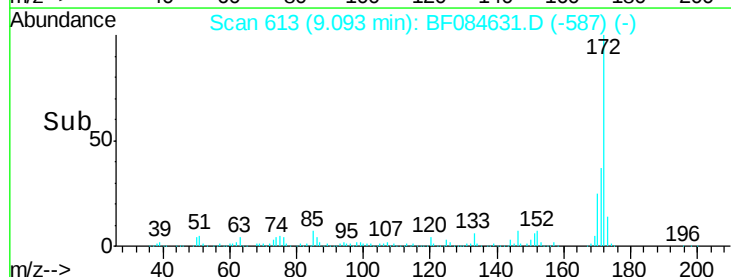


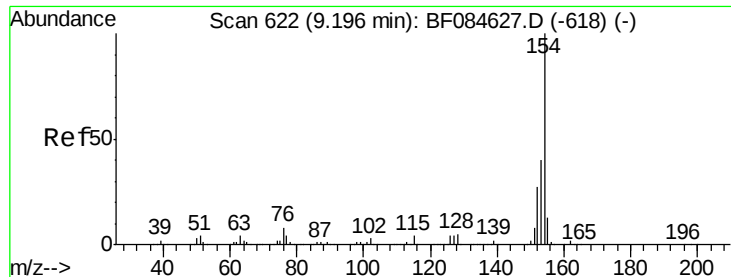
#44
 2-Fluorobiphenyl
 Concen: 70.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:172 Resp: 1478592
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.0 18.6 27.8



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

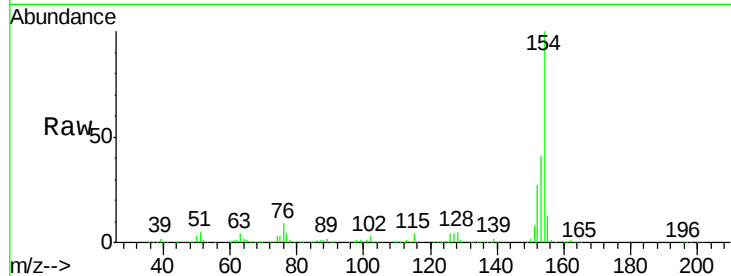




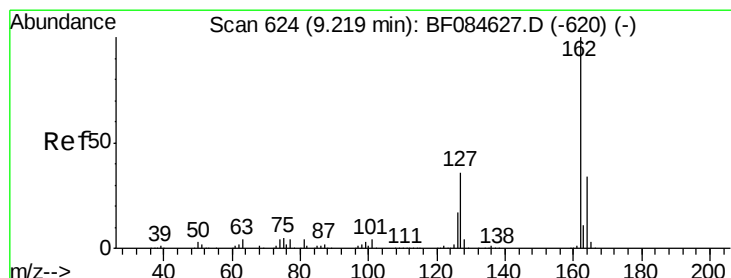
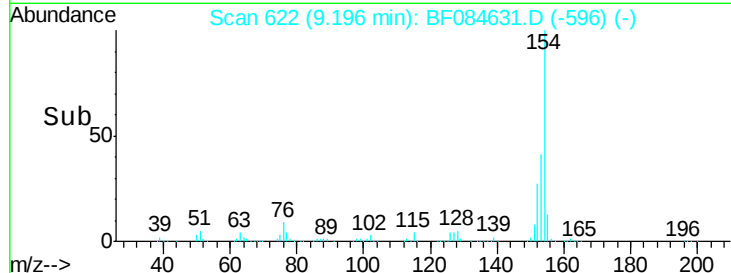
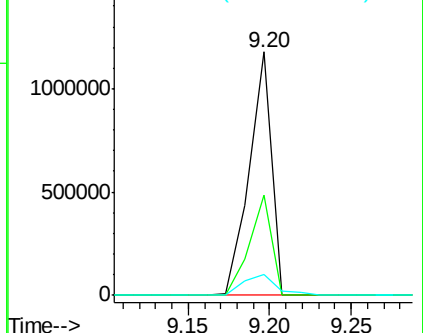
#45
 1,1'-Biphenyl
 Concen: 39.06 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:154 Resp: 1118140
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 8.7 0.0 32.7

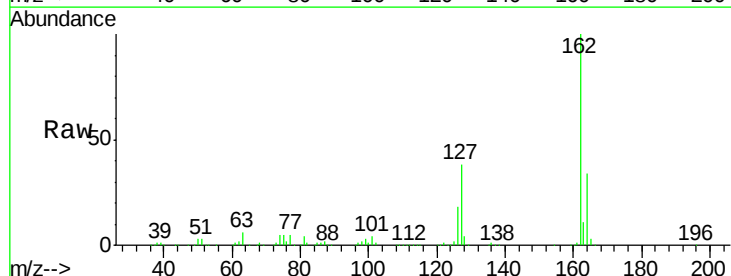


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

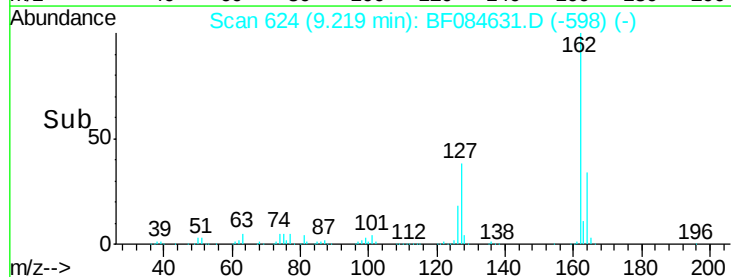
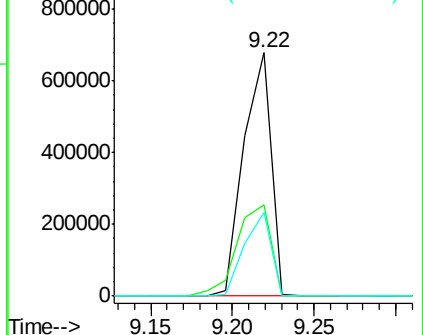


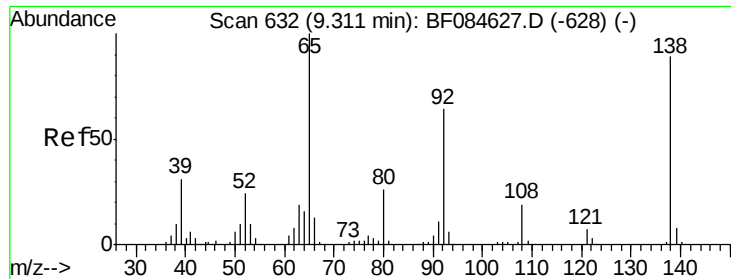
#46
 2-Chloronaphthalene
 Concen: 37.60 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:162 Resp: 785260
 Ion Ratio Lower Upper
 162 100
 127 37.7 40.2 60.4#
 164 34.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

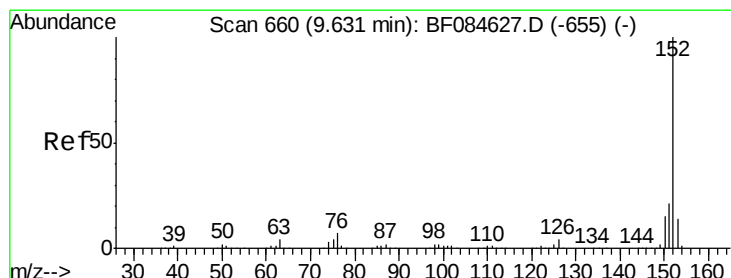
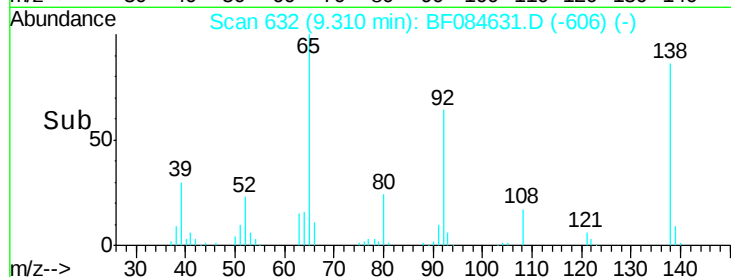
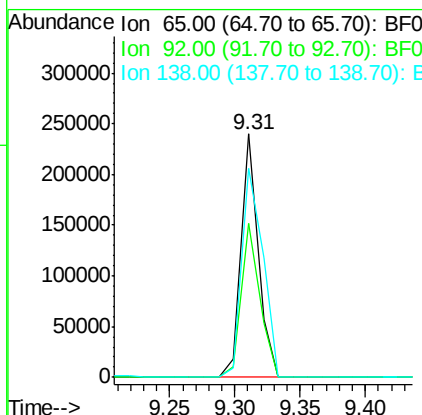
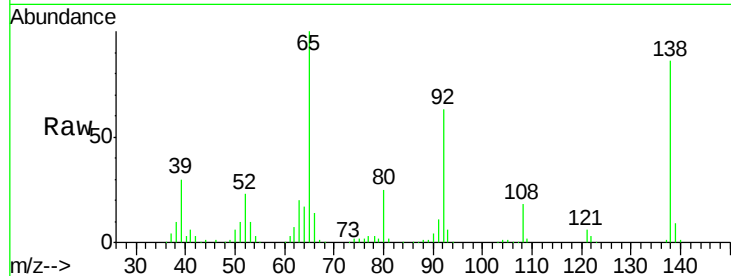




#47
2-Nitroaniline
Concen: 34.74 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

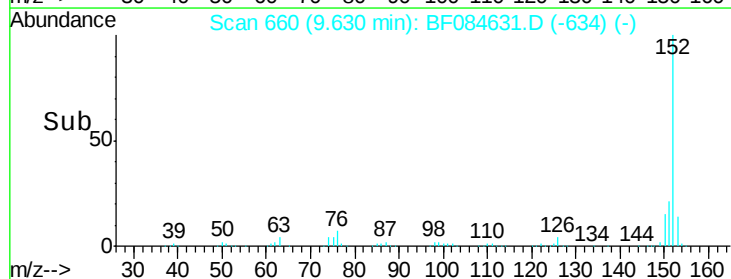
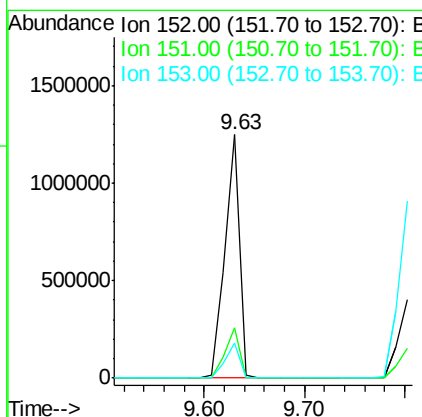
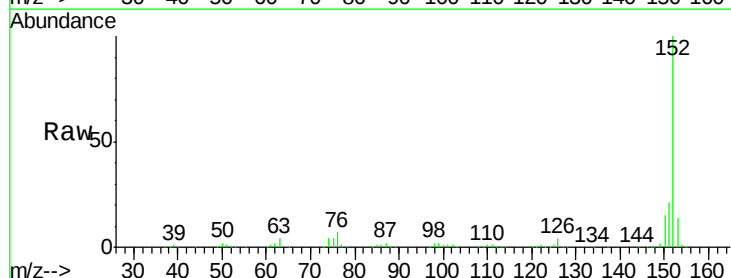
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

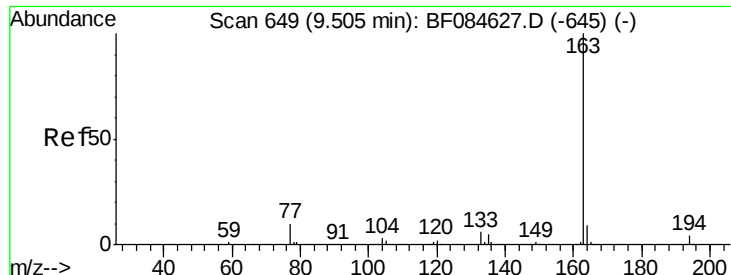
Tgt Ion: 65 Resp: 217905
Ion Ratio Lower Upper
65 100
92 63.2 53.4 80.2
138 86.0 71.1 106.7



#48
Acenaphthylene
Concen: 39.35 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion: 152 Resp: 1245071
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.2 10.4 15.6





#49

Dimethylphthalate

Concen: 38.64 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

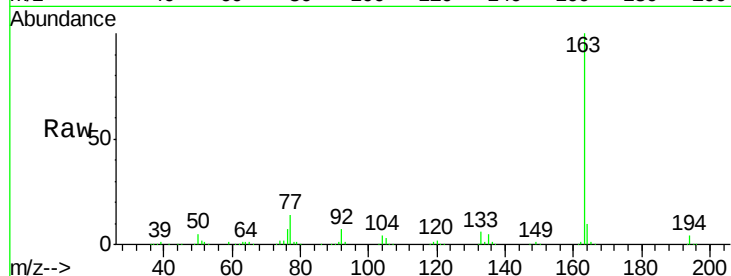
Tgt Ion:163 Resp: 905895

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

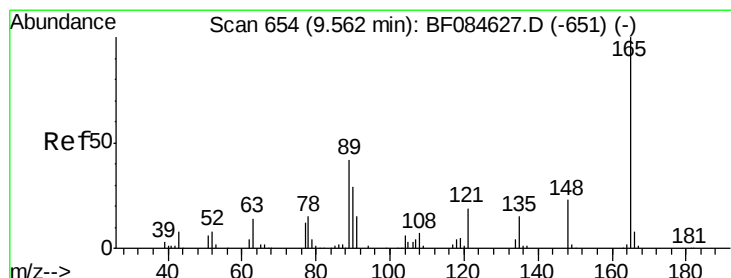
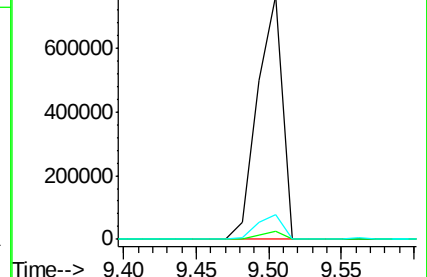
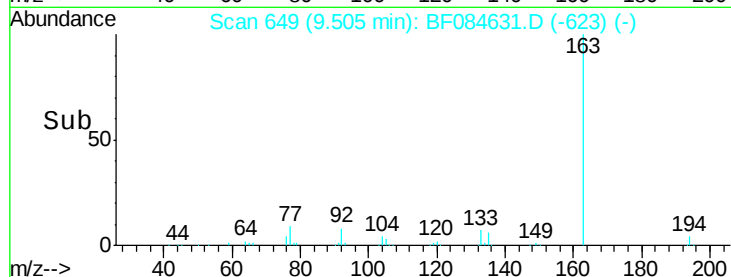
164 10.2 8.0 12.0



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: 41.27 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

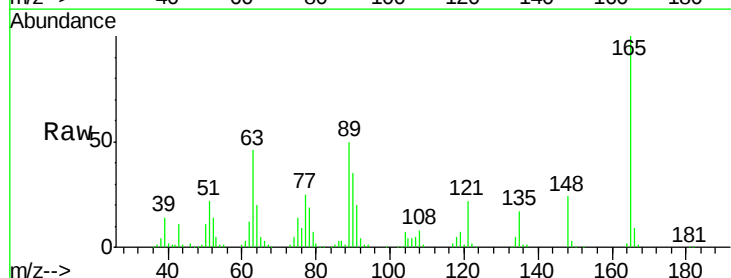
Tgt Ion:165 Resp: 212846

Ion Ratio Lower Upper

165 100

63 46.1 28.8 43.2#

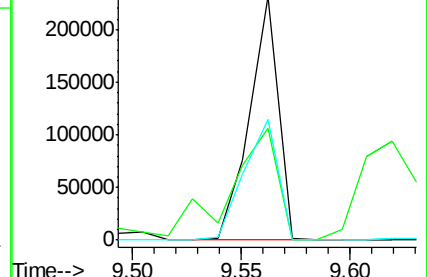
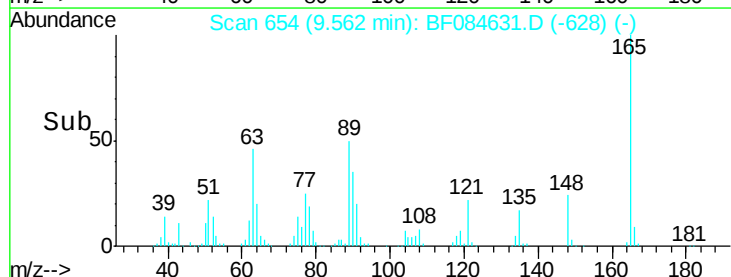
89 49.8 35.1 52.7

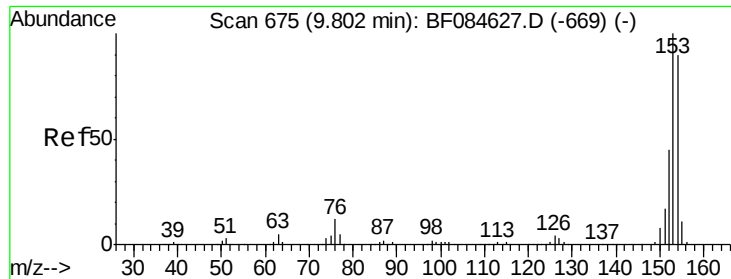


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

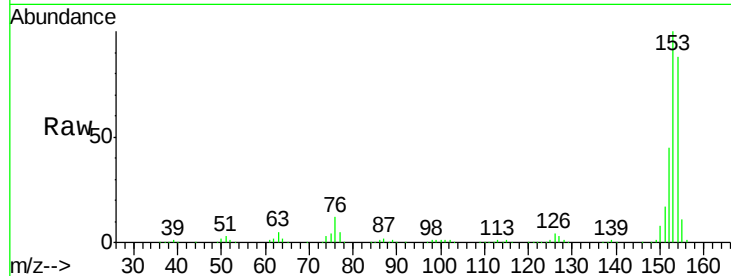
Tgt Ion:154 Resp: 793779

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

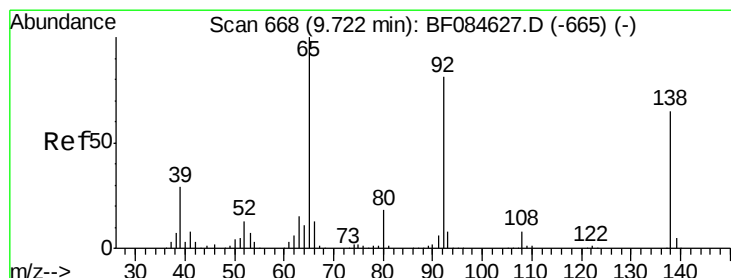
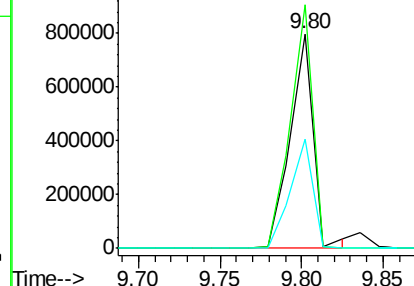
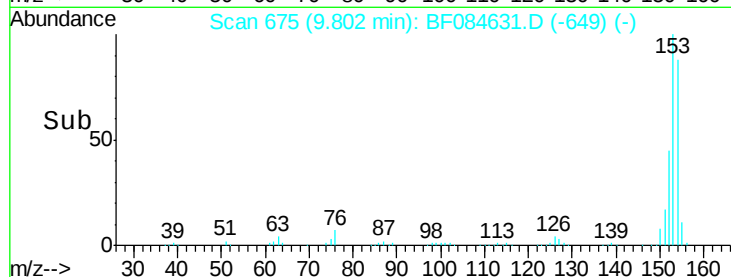
152 50.7 43.0 64.6



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: 35.86 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

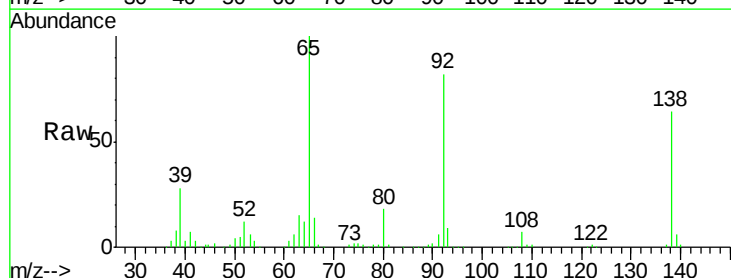
Tgt Ion:138 Resp: 193278

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

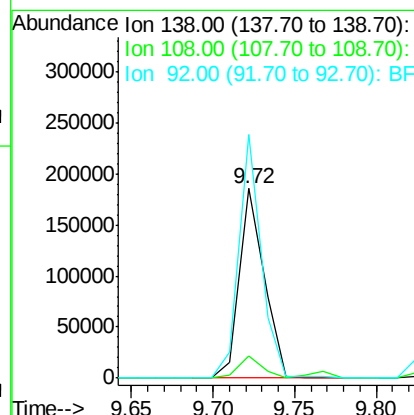
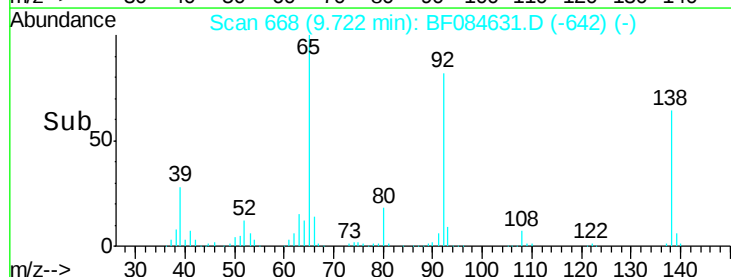
92 128.5 103.9 155.9

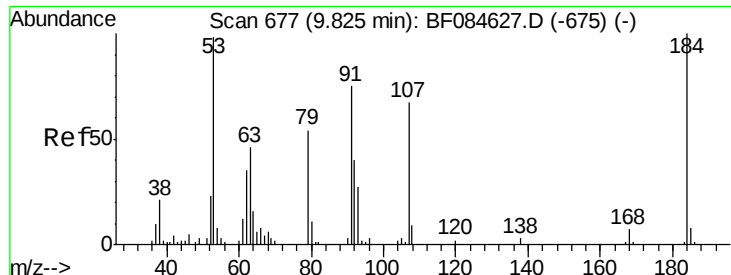


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

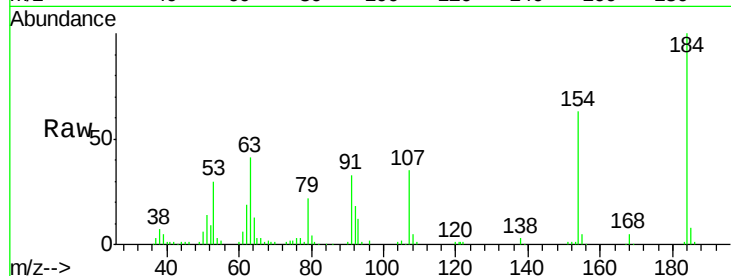




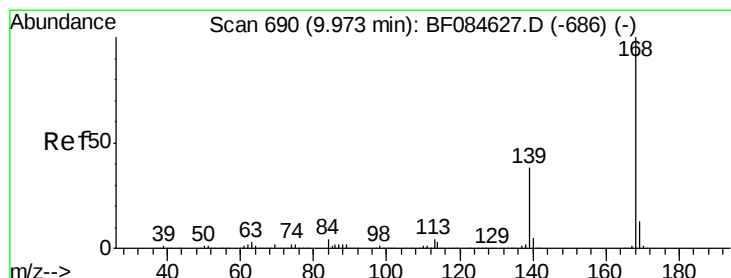
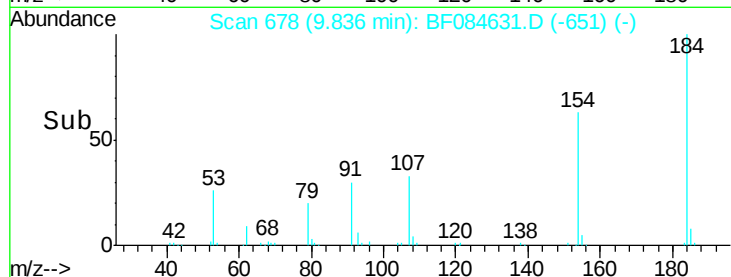
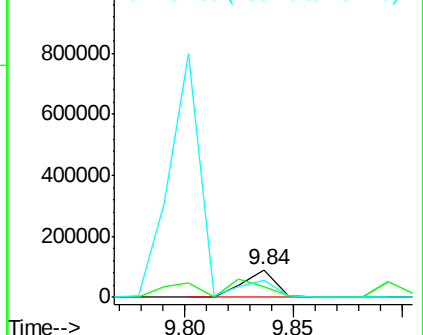
#53
2,4-Dinitrophenol
Concen: 38.23 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Instrument :
BNA_F
ClientSampleId :
ICVBF012916

Tgt Ion:184 Resp: 97294
Ion Ratio Lower Upper
184 100
63 40.6 43.1 64.7#
154 62.6 60.5 90.7

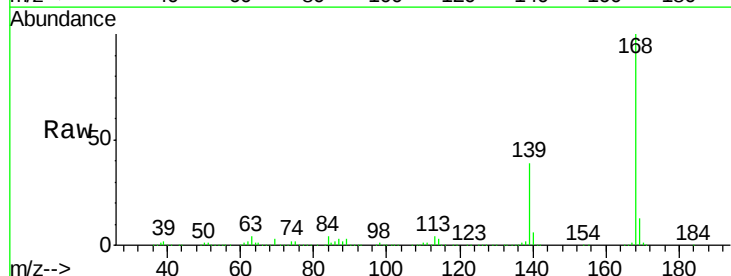


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

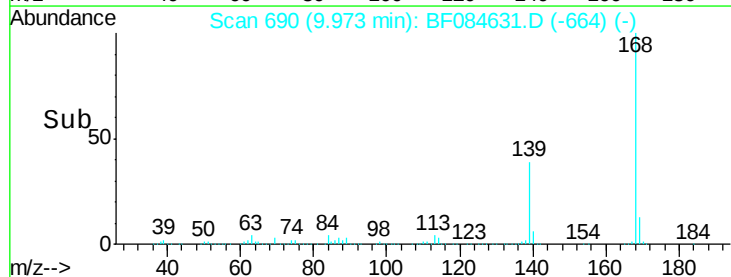
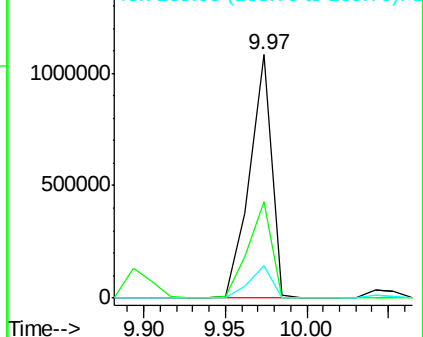


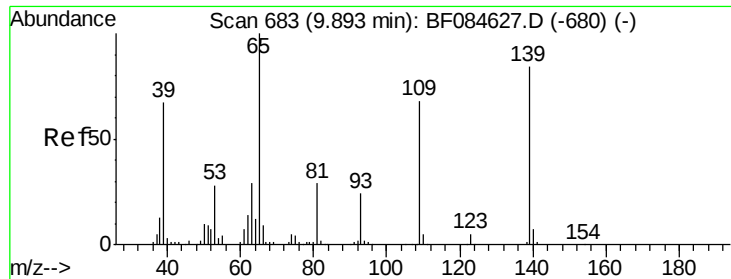
#54
Dibenzofuran
Concen: 40.12 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:168 Resp: 1014632
Ion Ratio Lower Upper
168 100
139 39.4 30.5 45.7
169 13.4 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: 37.95 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

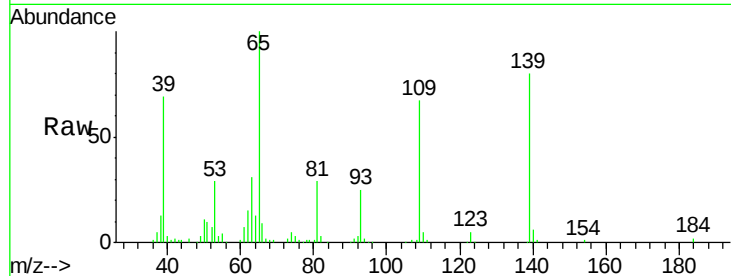
Tgt Ion:139 Resp: 150220

Ion Ratio Lower Upper

139 100

109 83.9 58.5 98.5

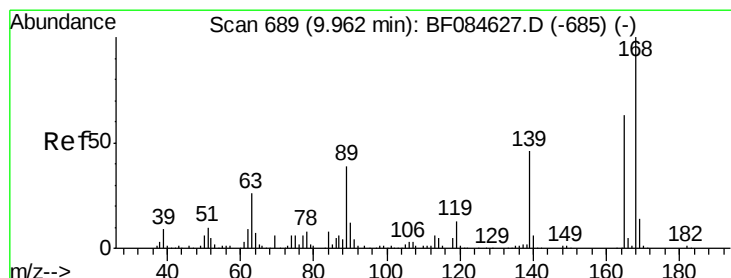
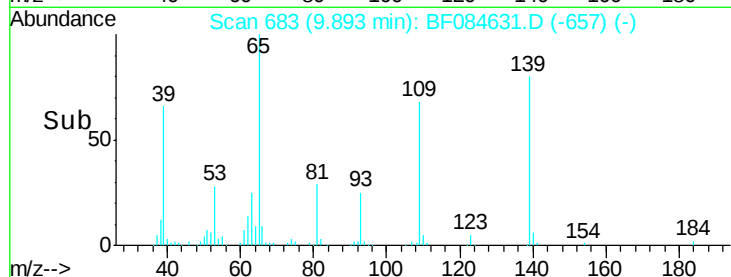
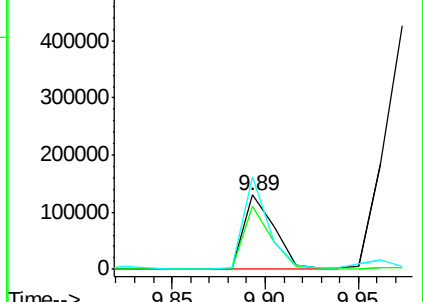
65 124.8 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.16 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Tgt Ion:165 Resp: 275802

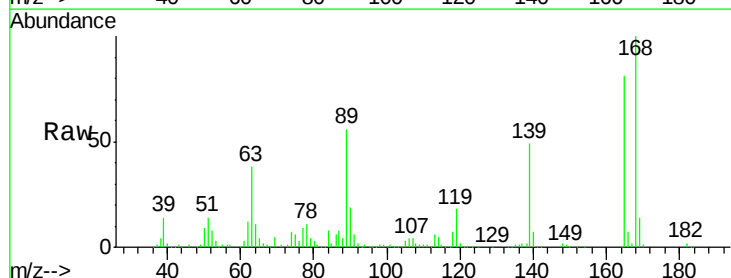
Ion Ratio Lower Upper

165 100

63 47.1 36.7 55.1

89 69.9 61.9 92.9

182 2.2 2.0 3.0

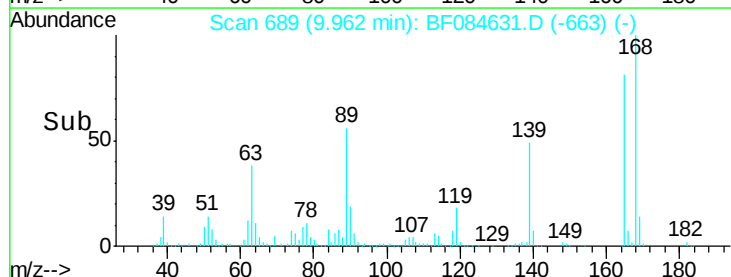
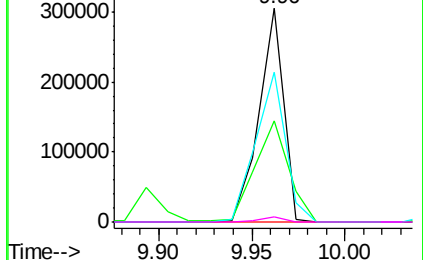


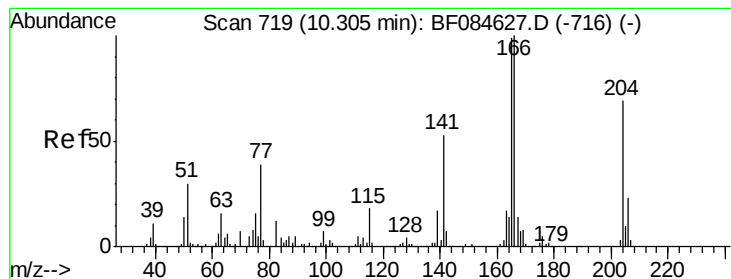
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.15 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

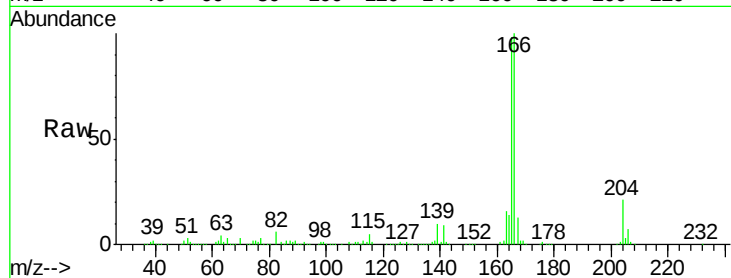
Tgt Ion:166 Resp: 817835

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

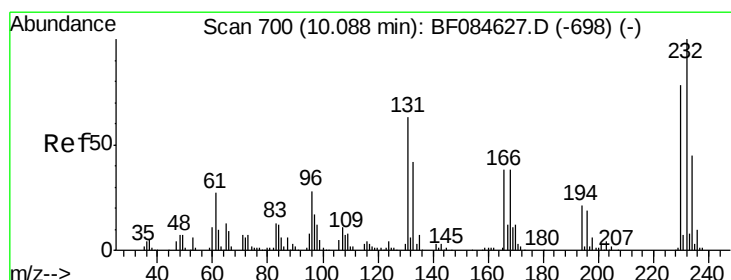
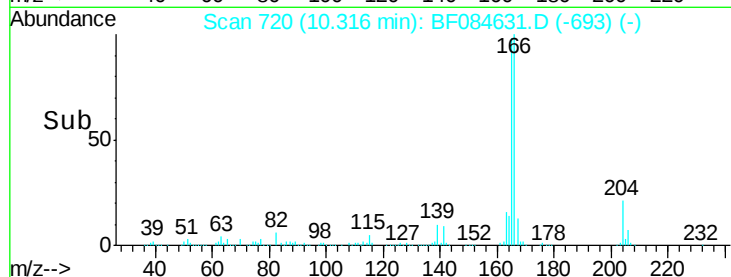
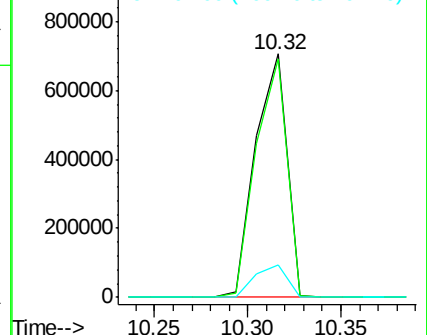
167 13.4 10.4 15.6



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: 37.68 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Tgt Ion:232 Resp: 185076

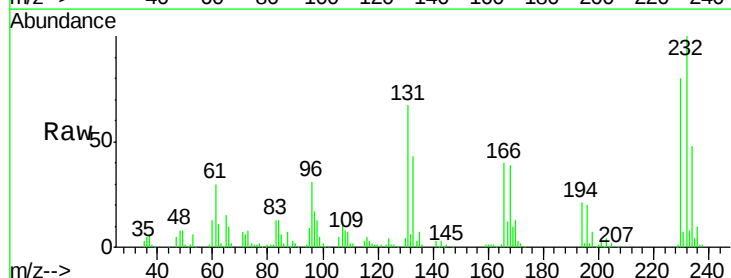
Ion Ratio Lower Upper

232 100

131 53.7 47.0 70.6

130 2.8 2.0 3.0

166 34.1 30.5 45.7

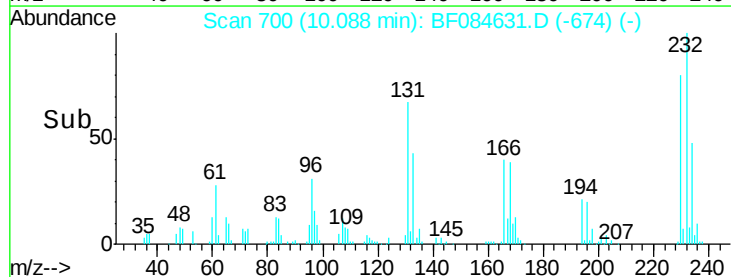
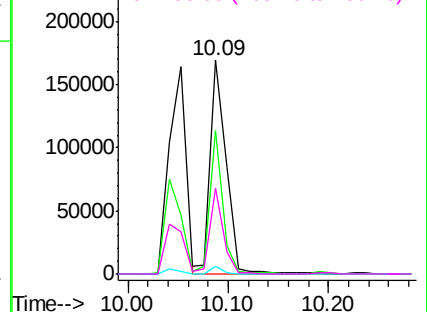


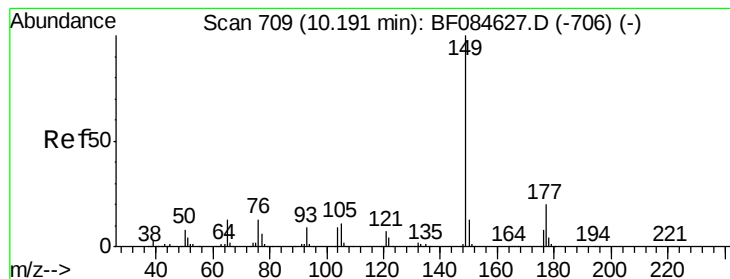
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.35 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

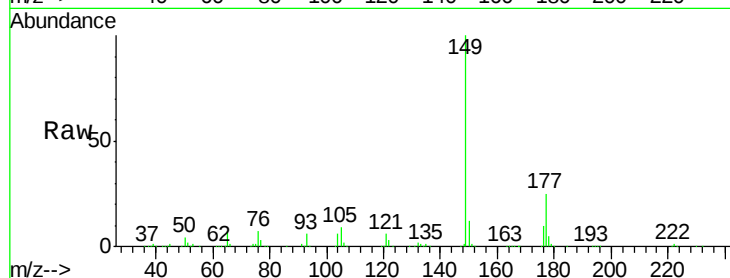
Tgt Ion:149 Resp: 879973

Ion Ratio Lower Upper

149 100

177 24.8 17.3 25.9

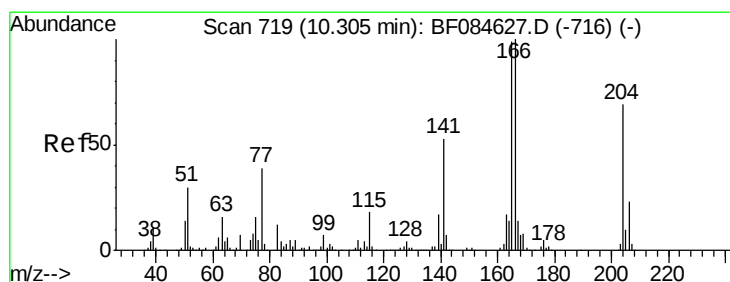
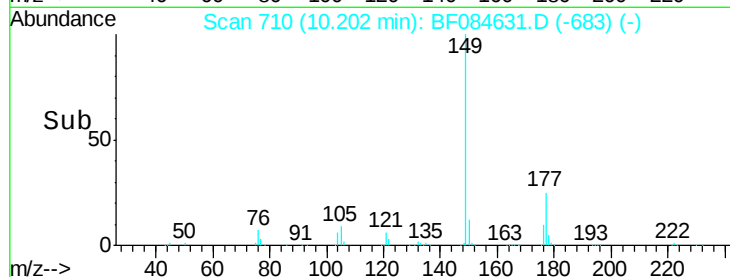
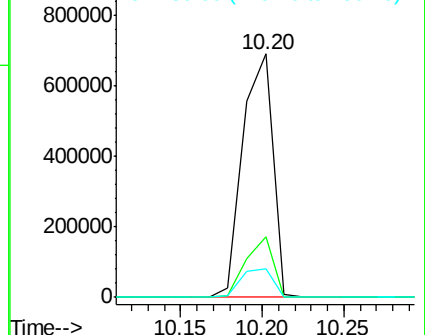
150 12.0 9.8 14.8



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: 37.63 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

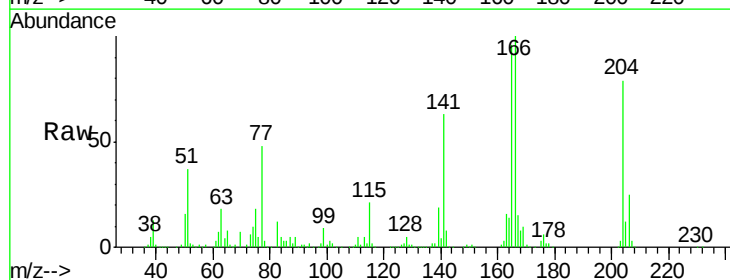
Tgt Ion:204 Resp: 362139

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

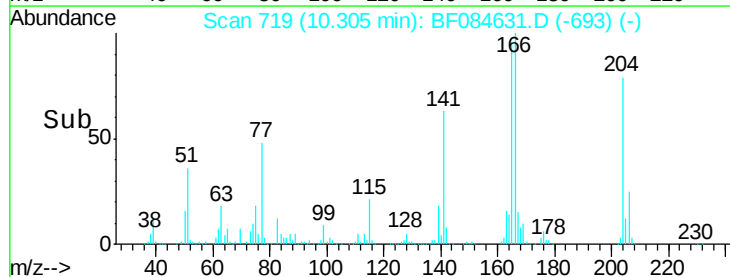
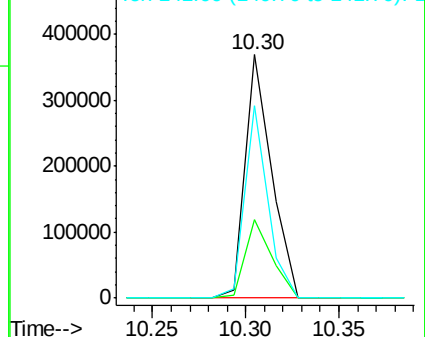
141 79.2 55.1 82.7

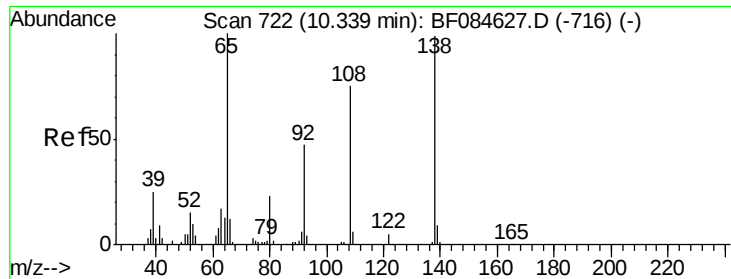


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

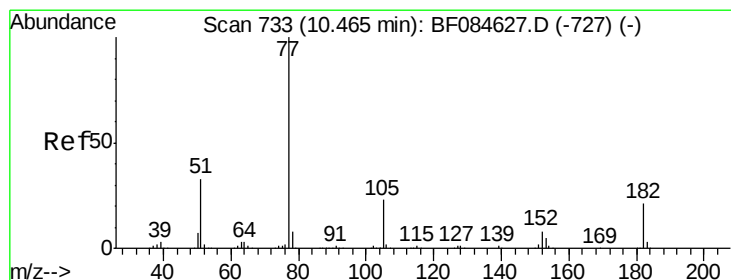
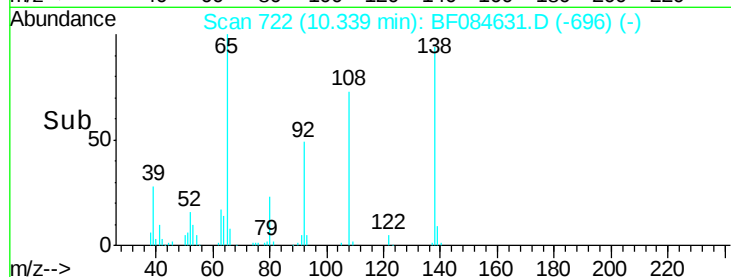
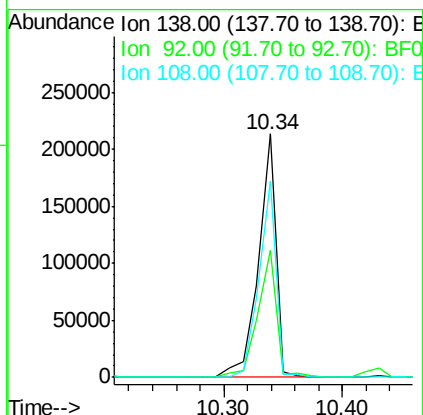
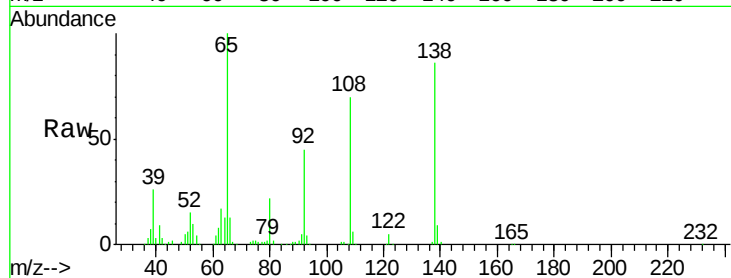




#61
4-Nitroaniline
Concen: 43.72 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

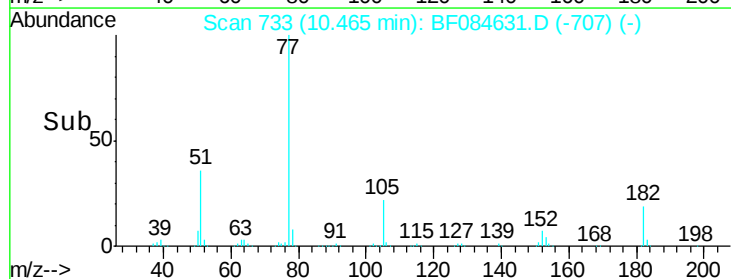
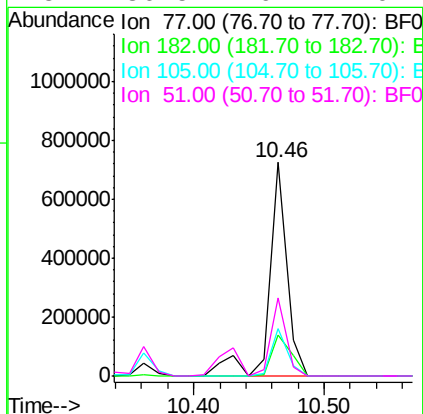
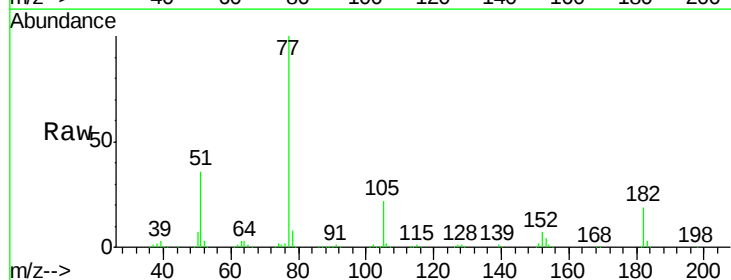
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

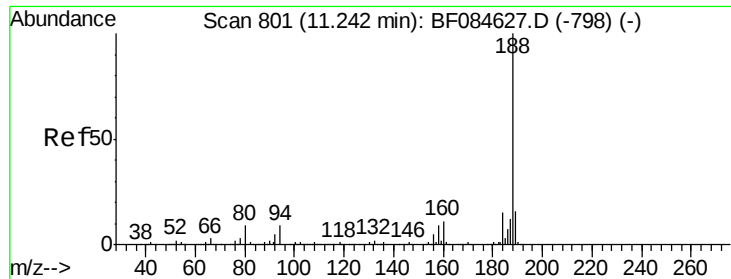
Tgt Ion:138 Resp: 223007
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 80.6 68.6 108.6



#62
Azobenzene
Concen: 31.87 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion: 77 Resp: 700094
Ion Ratio Lower Upper
77 100
182 19.2 8.3 48.3
105 22.2 4.6 44.6
51 36.5 6.2 46.2

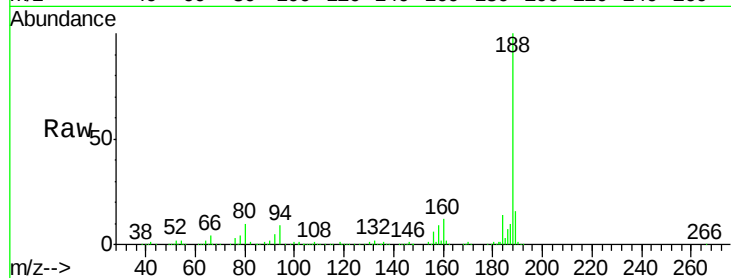




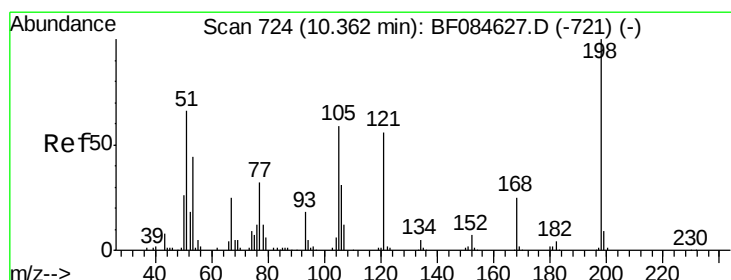
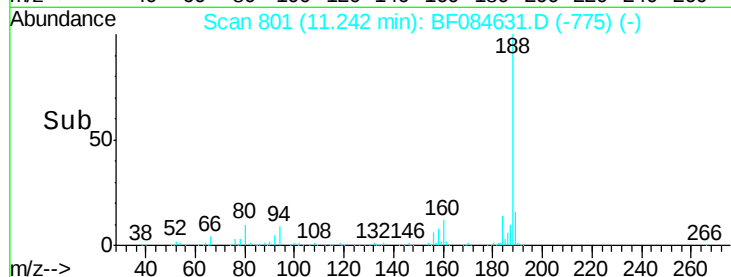
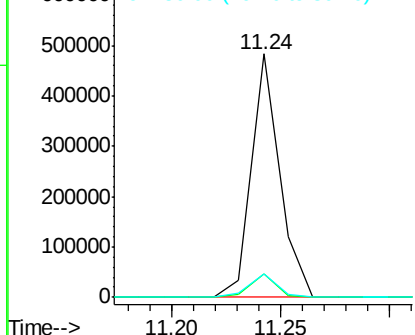
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Instrument :
BNA_F
ClientSampleId :
ICVBF012916

Tgt Ion:188 Resp: 438582
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.8 9.6 14.4

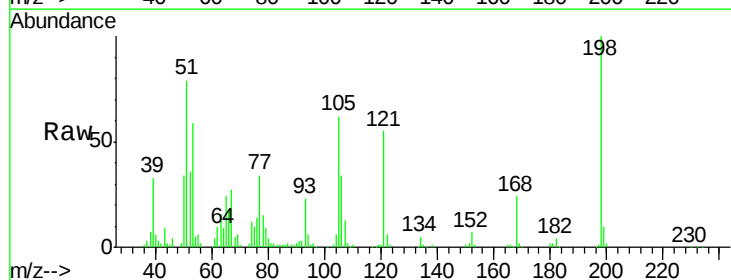


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

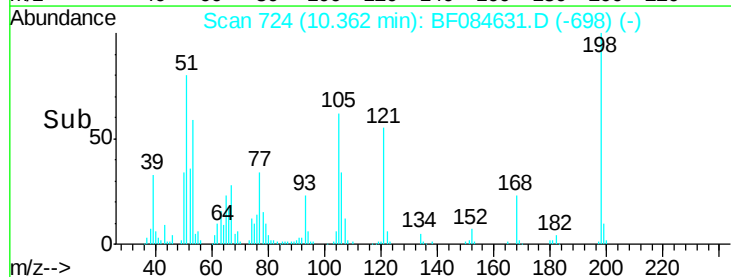
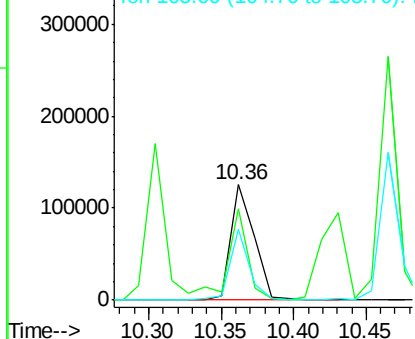


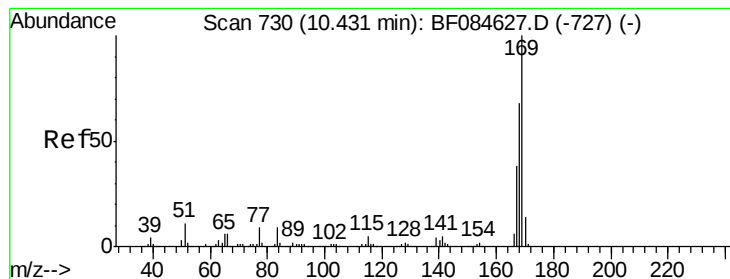
#64
4,6-Dinitro-2-methylphenol
Concen: 48.58 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:198 Resp: 139161
Ion Ratio Lower Upper
198 100
51 79.4 18.9 58.9#
105 61.8 26.4 66.4



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: 47.61 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

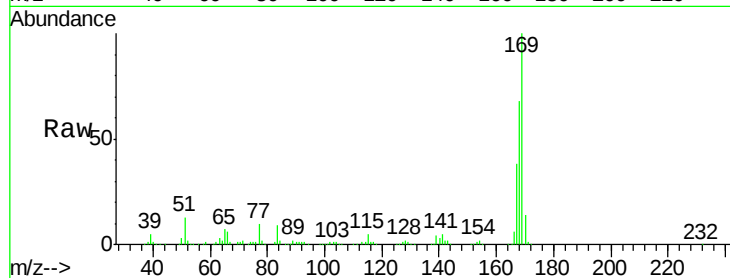
Tgt Ion:169 Resp: 677102

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

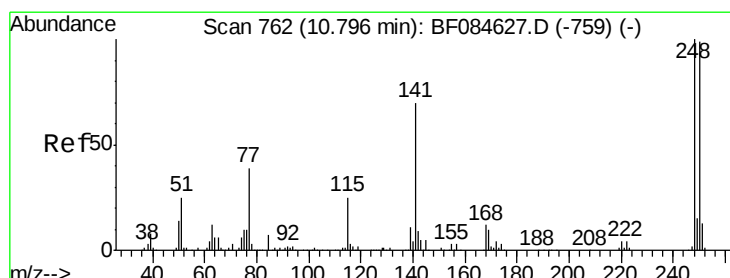
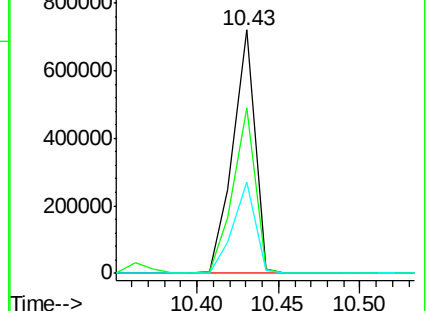
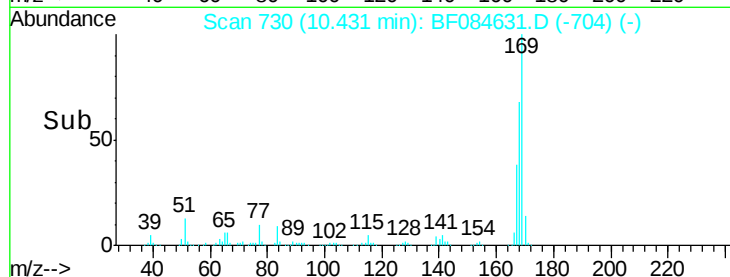
167 37.7 30.0 45.0



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: 43.00 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

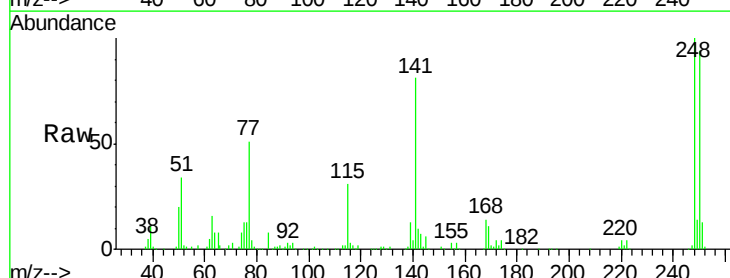
Tgt Ion:248 Resp: 212414

Ion Ratio Lower Upper

248 100

250 94.4 78.4 117.6

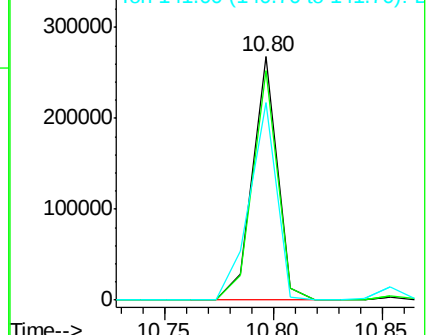
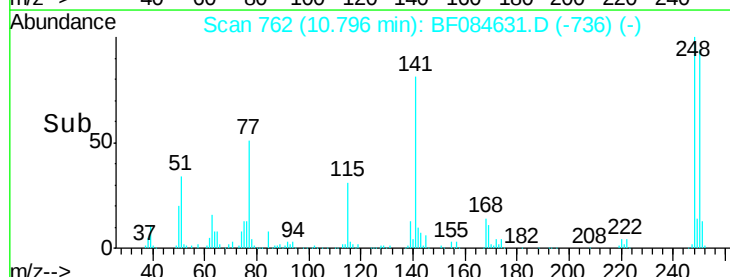
141 81.3 44.0 66.0#

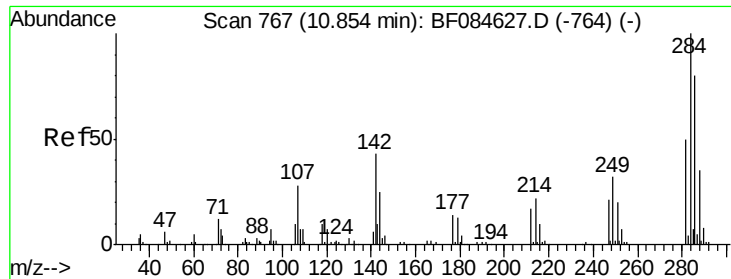


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

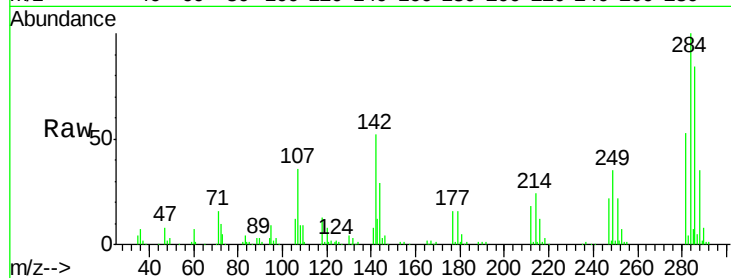




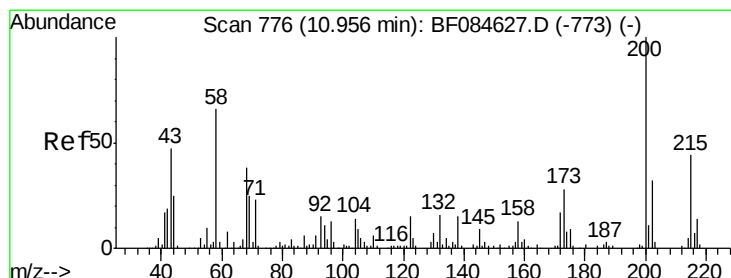
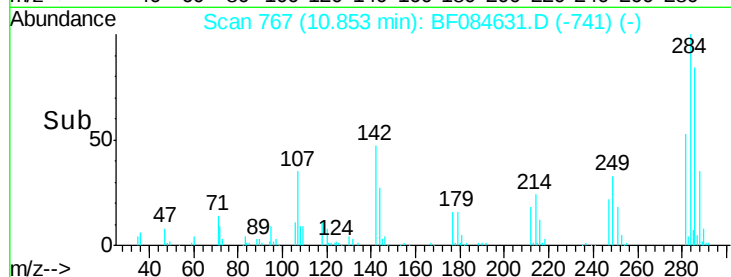
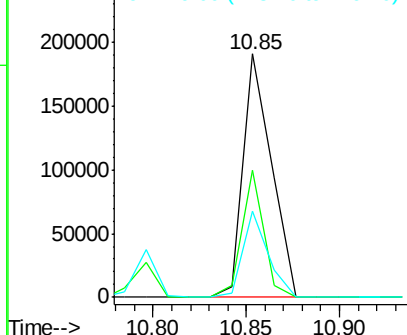
#67
Hexachlorobenzene
Concen: 37.50 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Instrument :
BNA_F
ClientSampleId :
ICVBF012916

Tgt Ion:284 Resp: 201501
Ion Ratio Lower Upper
284 100
142 52.3 22.2 33.4#
249 35.3 24.6 37.0

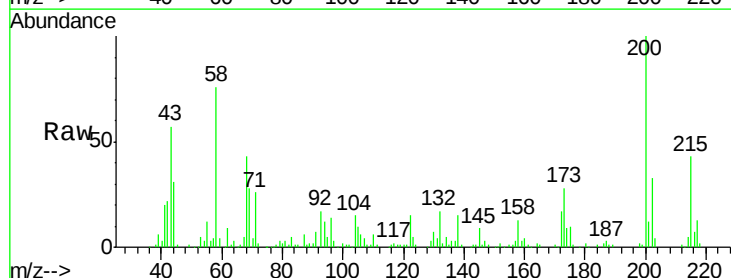


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

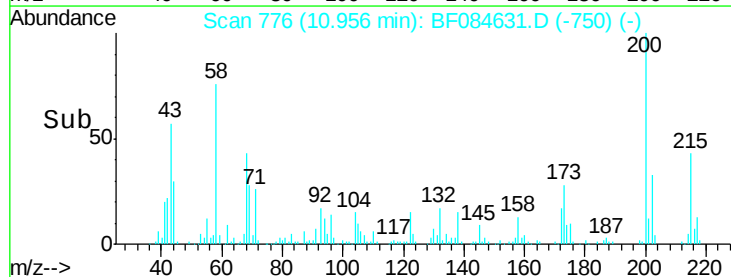
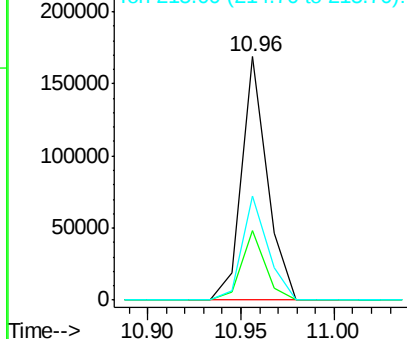


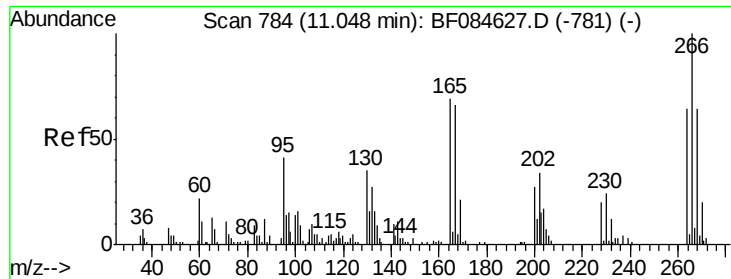
#68
Atrazine
Concen: 37.79 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion:200 Resp: 161019
Ion Ratio Lower Upper
200 100
173 28.3 9.5 49.5
215 42.9 23.8 63.8



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

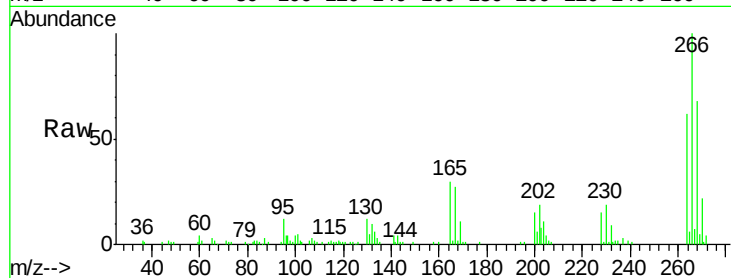




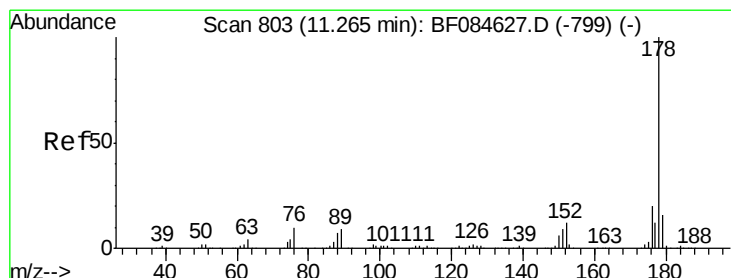
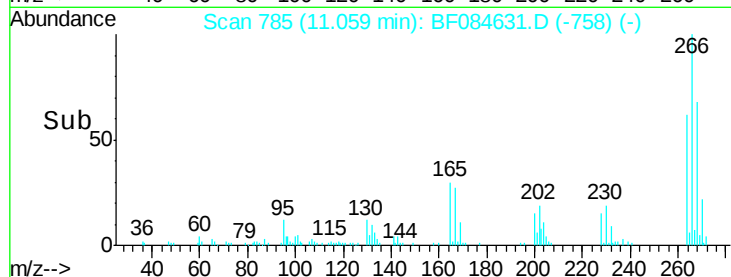
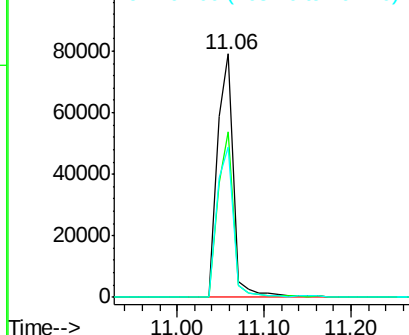
#69
 Pentachlorophenol
 Concen: 40.05 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion:266 Resp: 103954
 Ion Ratio Lower Upper
 266 100
 268 68.1 52.4 78.6
 264 61.8 50.2 75.2

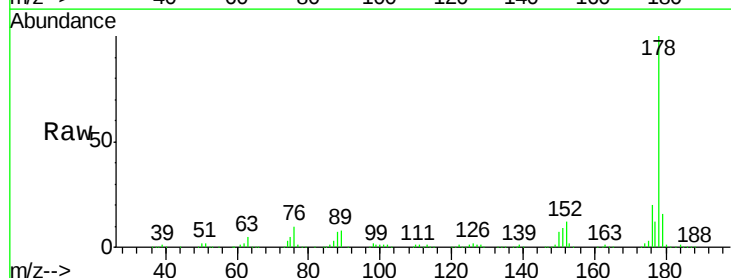


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

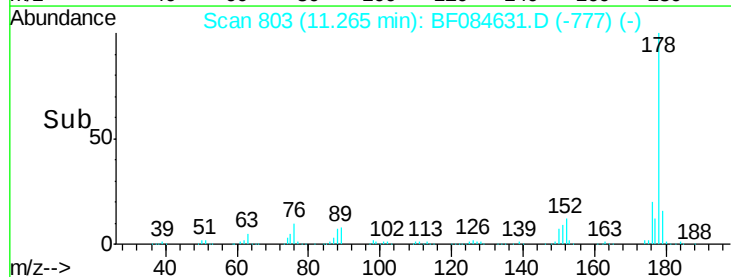
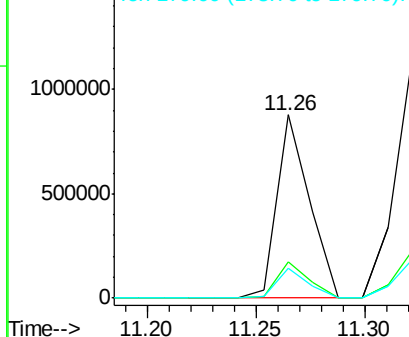


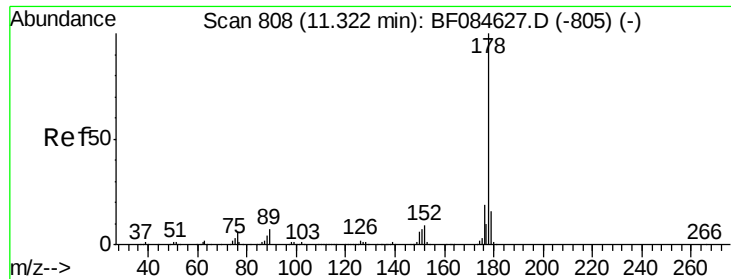
#70
 Phenanthrene
 Concen: 37.64 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:178 Resp: 912795
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.3 12.0 18.0



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: 43.03 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

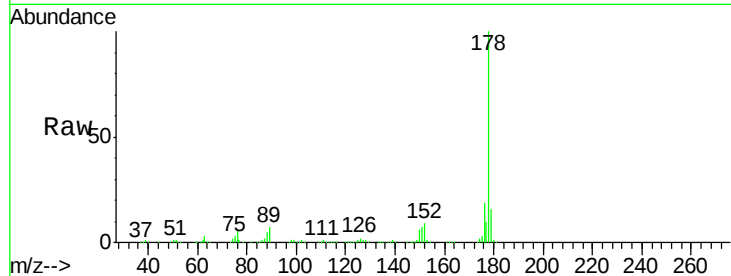
Tgt Ion:178 Resp: 1061031

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

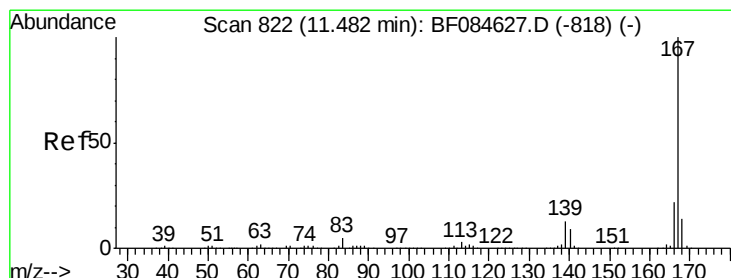
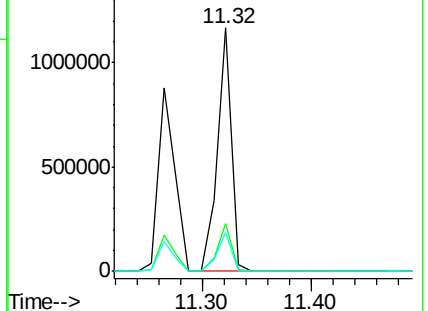
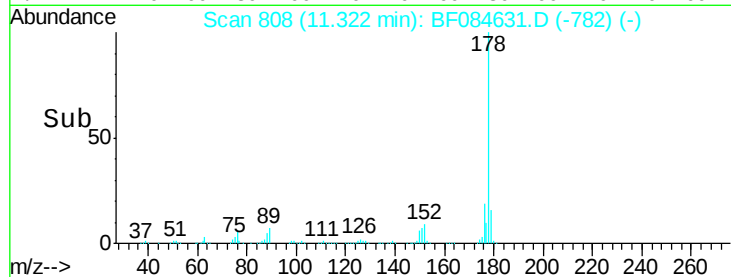
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.56 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

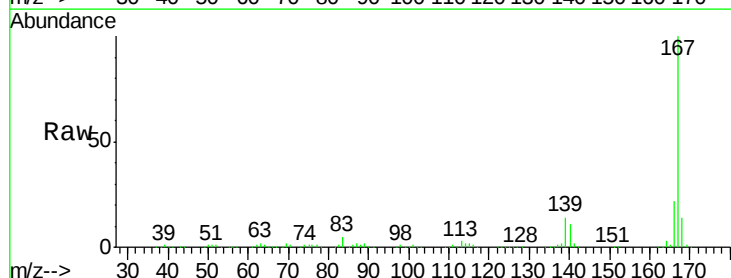
Tgt Ion:167 Resp: 904420

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

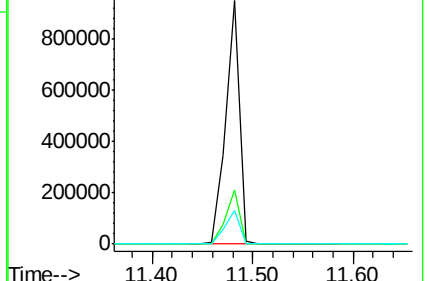
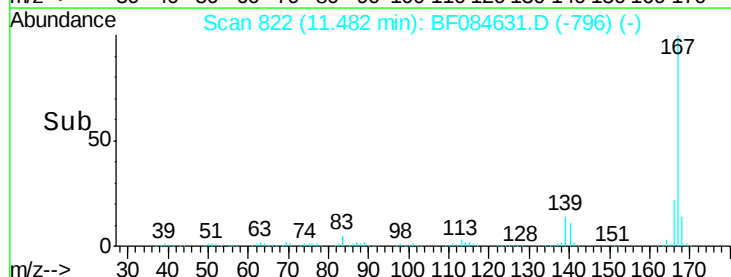
139 13.9 11.8 17.8

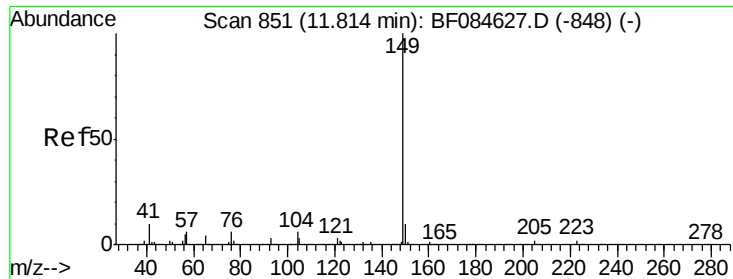


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.15 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

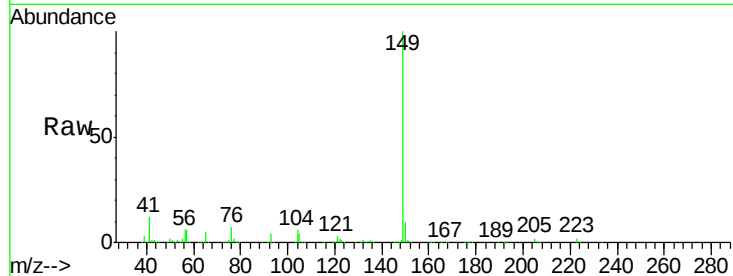
Tgt Ion:149 Resp: 1063443

Ion Ratio Lower Upper

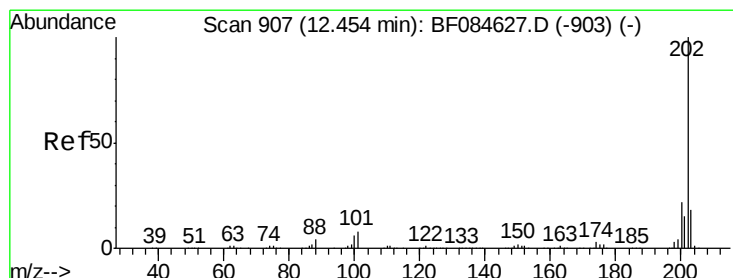
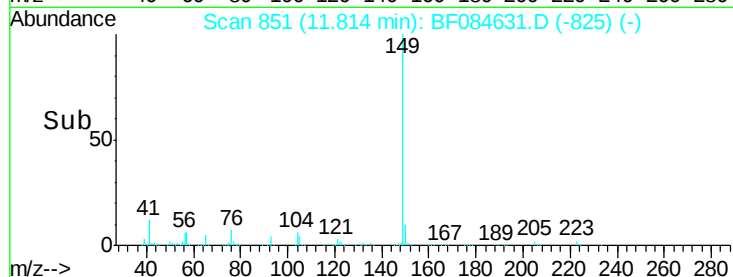
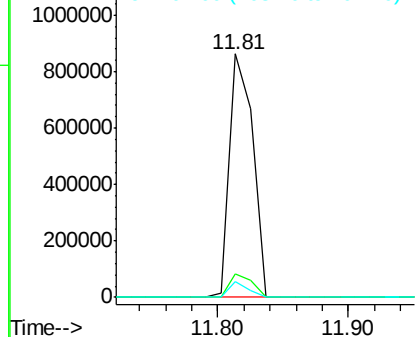
149 100

150 9.5 7.1 10.7

104 6.3 3.2 4.8#



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: 43.20 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

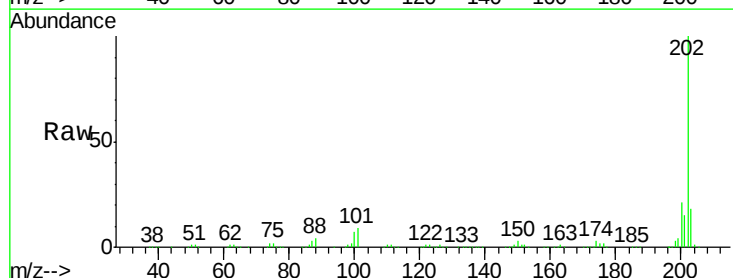
Tgt Ion:202 Resp: 1035823

Ion Ratio Lower Upper

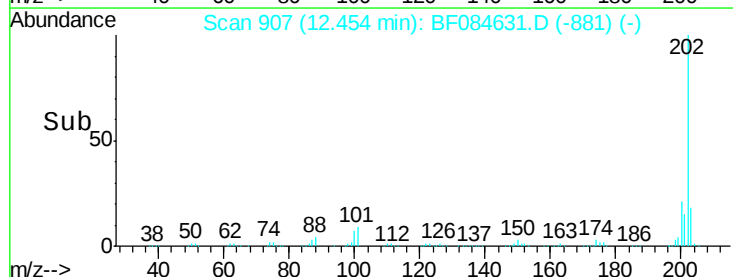
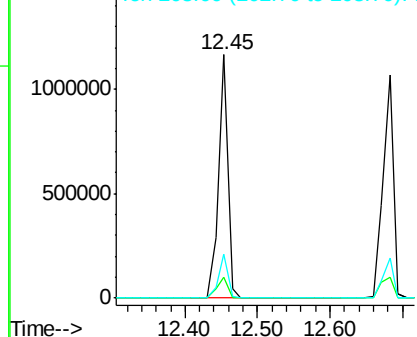
202 100

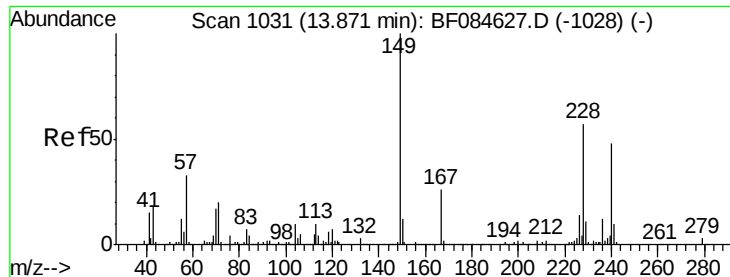
101 8.6 0.0 32.8

203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

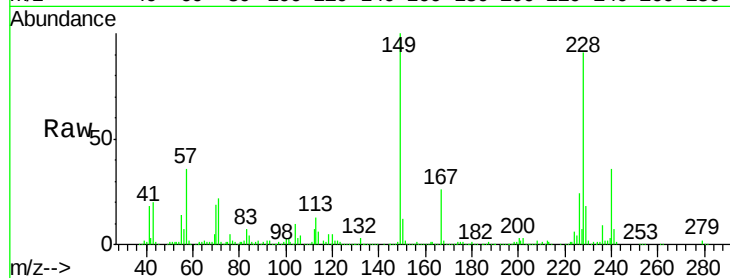
Tgt Ion:240 Resp: 315669

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

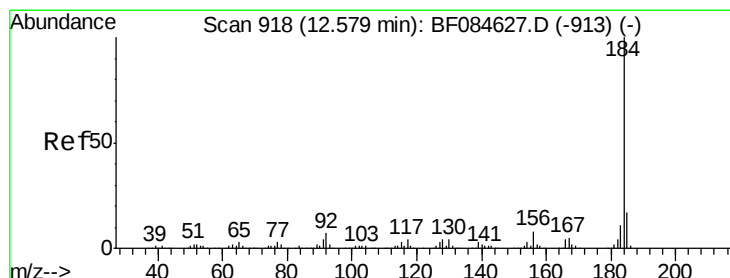
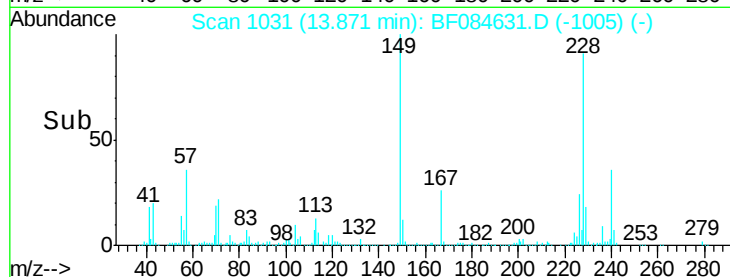
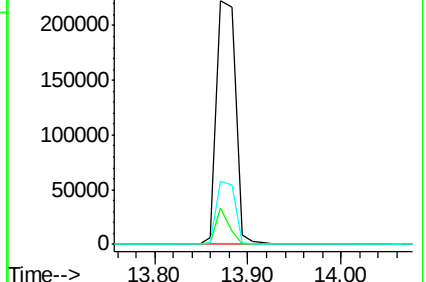
236 25.7 20.6 31.0



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: 40.91 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

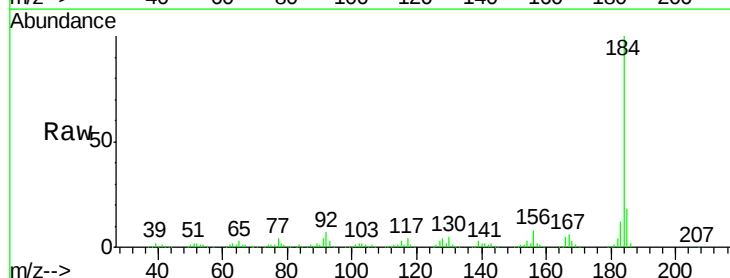
Tgt Ion:184 Resp: 491197

Ion Ratio Lower Upper

184 100

185 18.4 12.2 18.2#

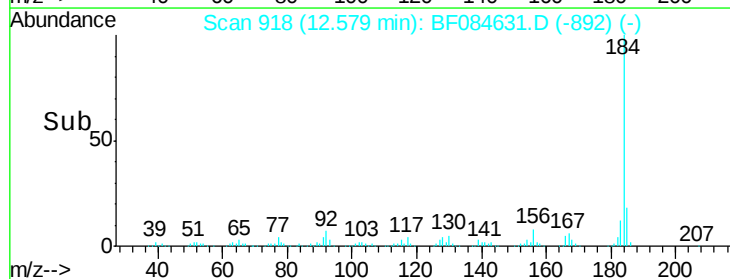
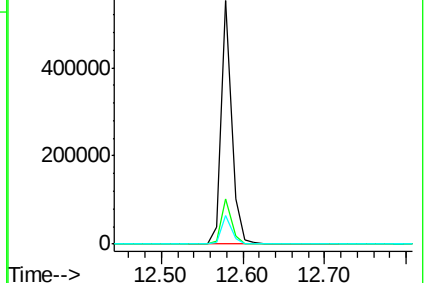
183 11.7 9.8 14.8

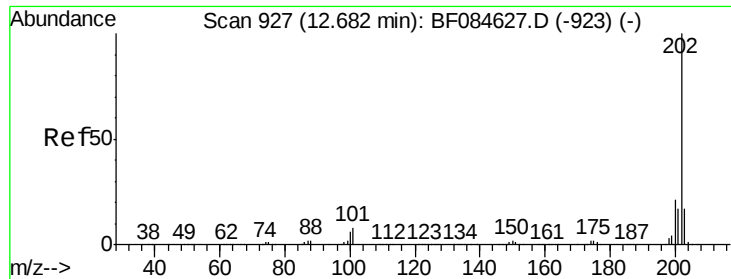


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



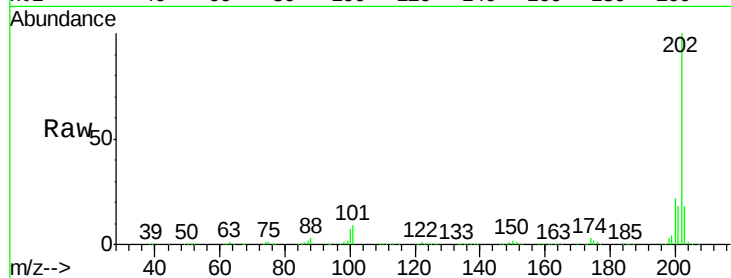


#77
 Pyrene
 Concen: 44.65 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

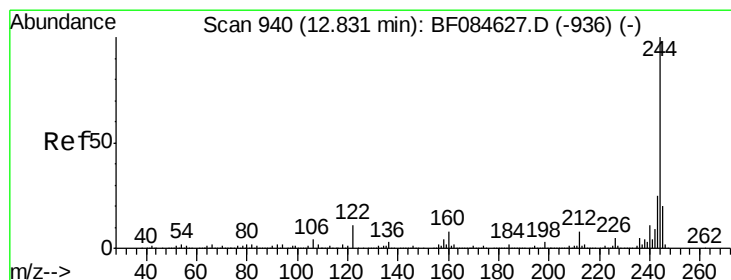
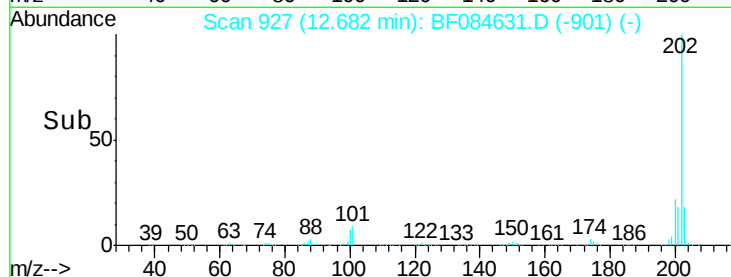
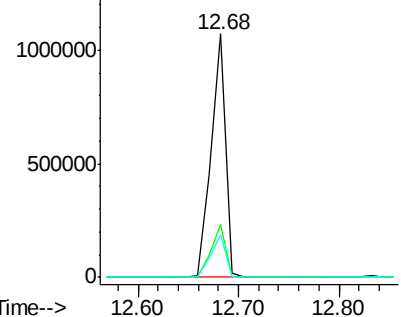
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

Tgt Ion: 202 Resp: 1062966

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	17.7	14.3	21.5



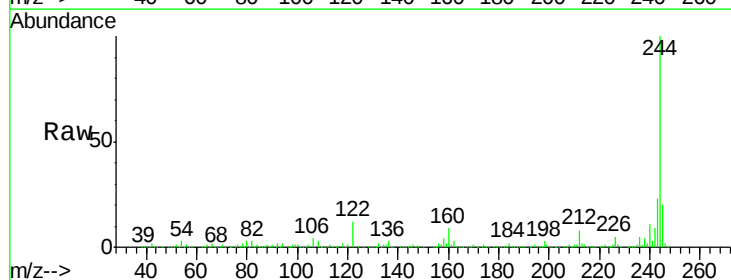
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



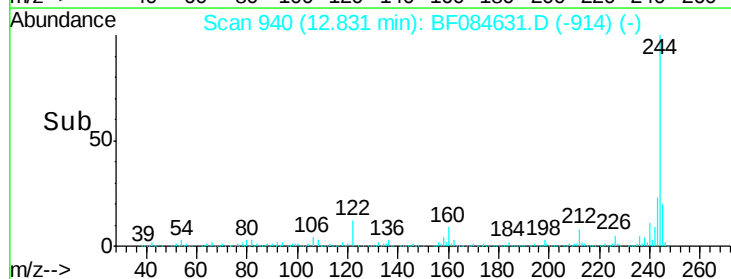
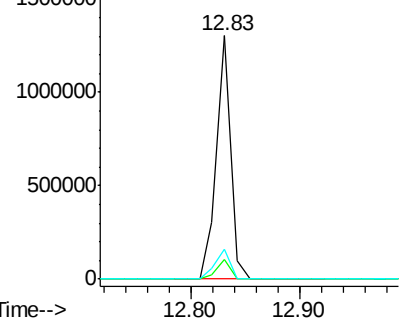
#78
 Terphenyl-d14
 Concen: 84.21 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

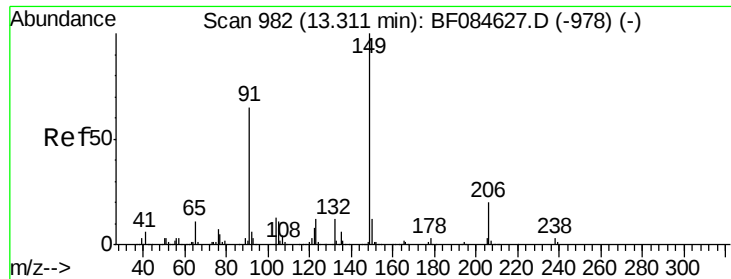
Tgt Ion: 244 Resp: 1176949

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	12.1	7.4	11.0



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

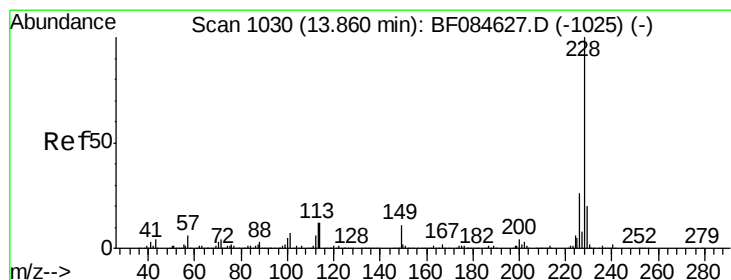
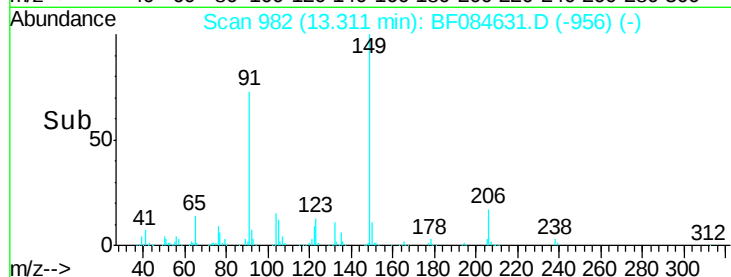
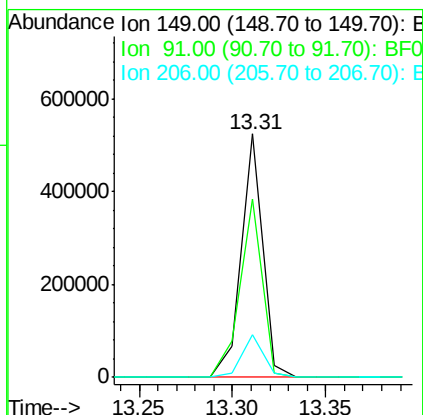
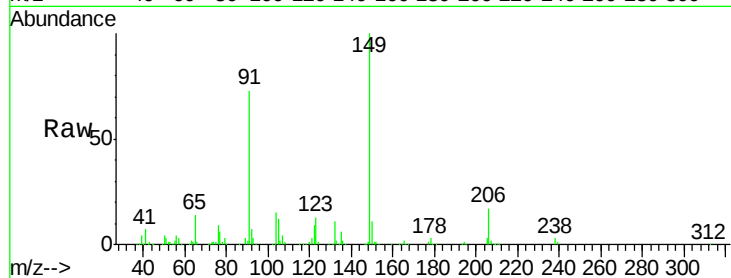




#79
Butylbenzylphthalate
Concen: 41.66 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

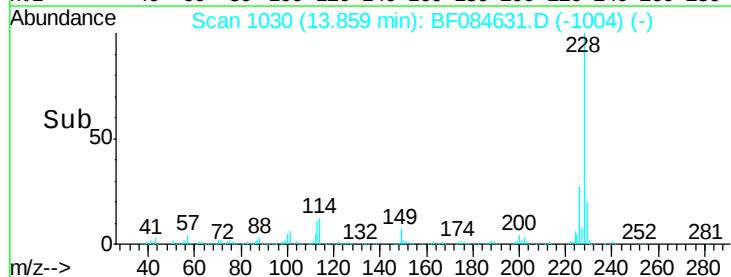
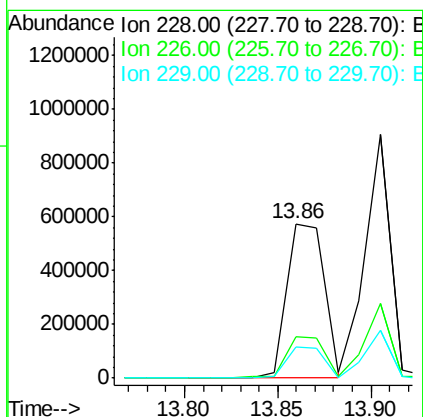
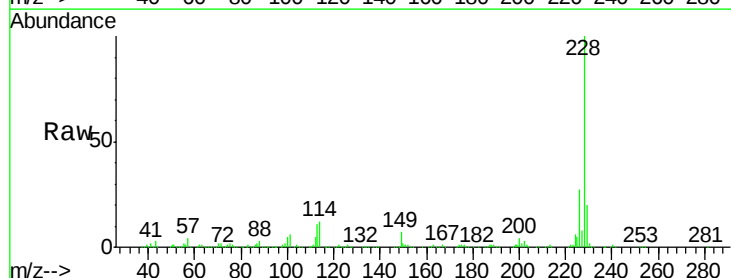
Instrument :
BNA_F
ClientSampleId :
ICVBF012916

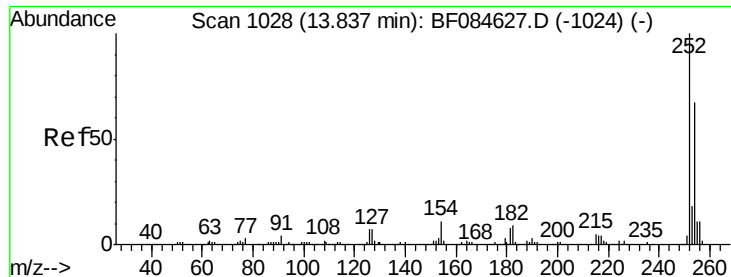
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.6	86.4
206	17.3	13.2	19.8



#80
Benzo(a)anthracene
Concen: 41.04 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084631.D
Acq: 29 Jan 2016 12:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.9	15.8	23.8

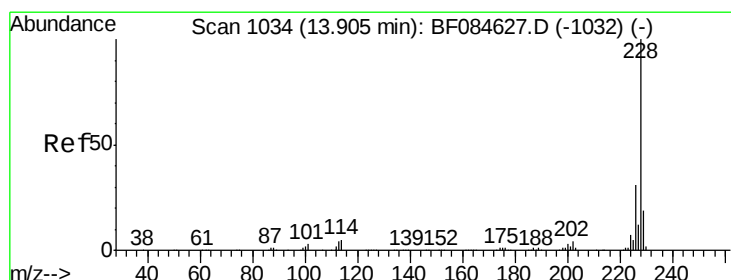
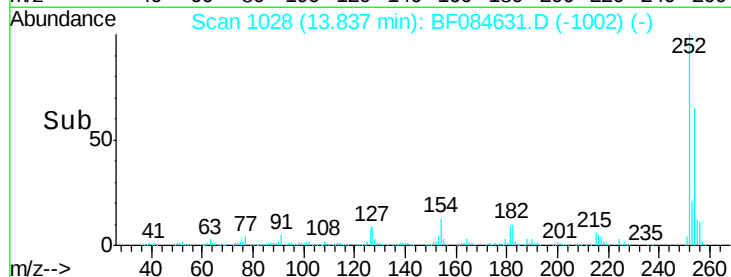
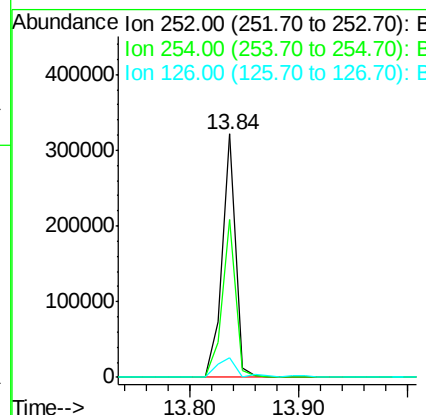
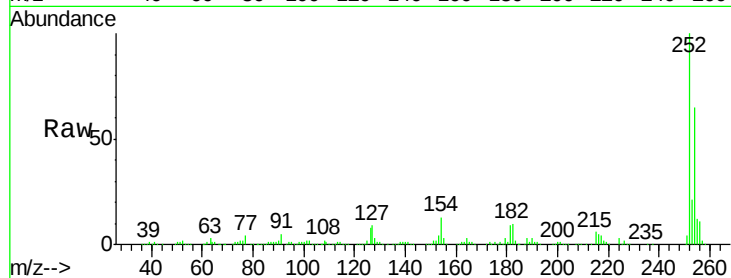




#81
 3,3'-Dichlorobenzidine
 Concen: 40.80 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

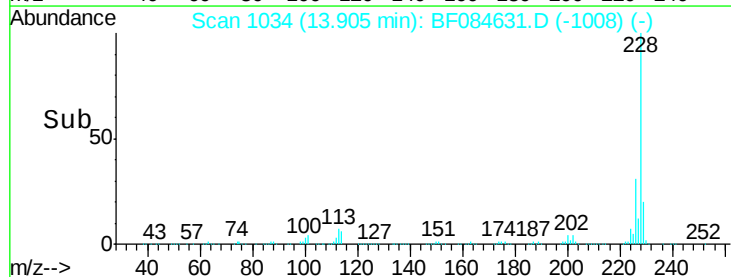
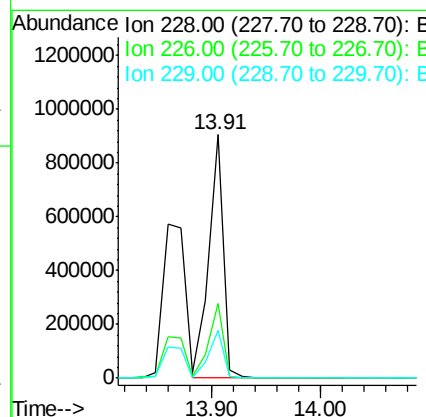
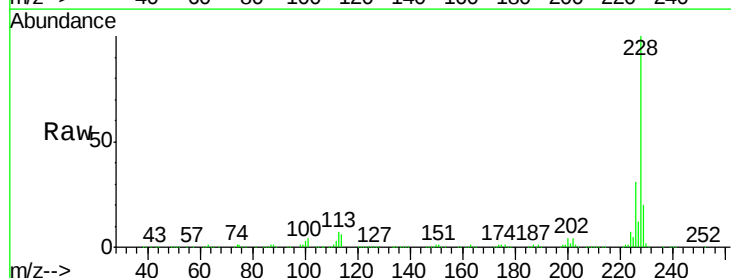
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

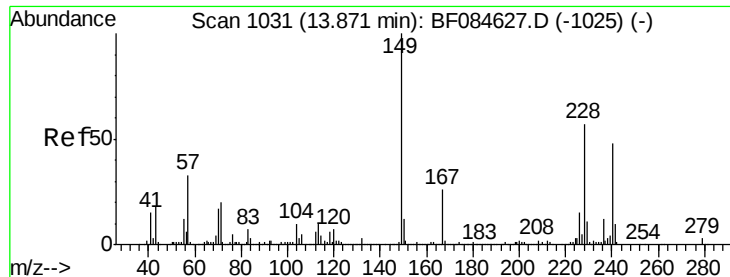
Tgt Ion:252 Resp: 282496
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 8.2 4.9 7.3#



#82
 Chrysene
 Concen: 43.67 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion:228 Resp: 847114
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 19.7 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.11 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

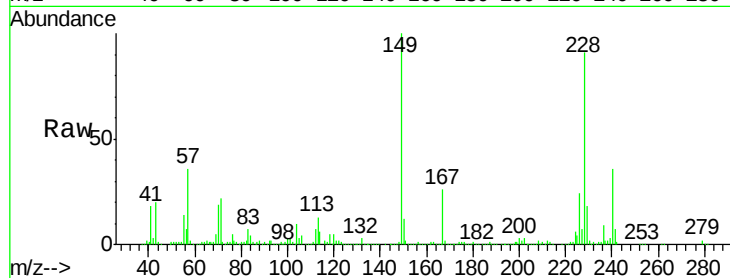
Tgt Ion:149 Resp: 568843

Ion Ratio Lower Upper

149 100

167 25.6 19.7 29.5

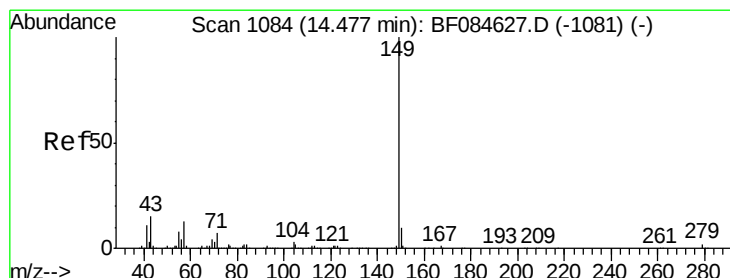
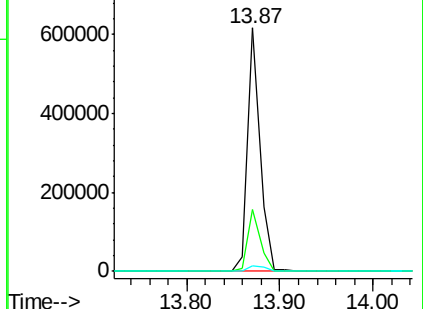
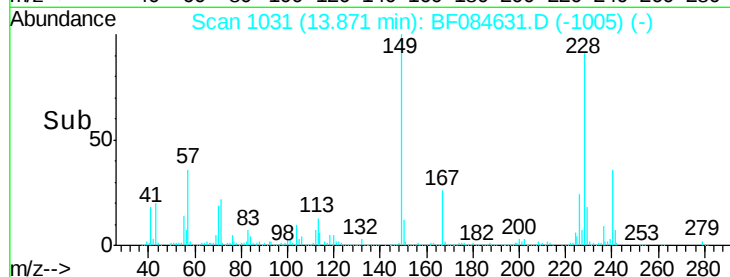
279 2.3 1.8 2.6



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: 39.80 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

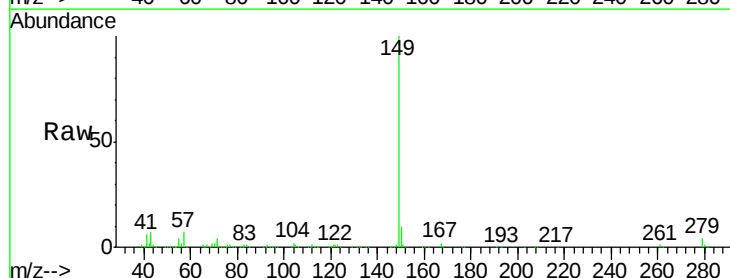
Tgt Ion:149 Resp: 829764

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

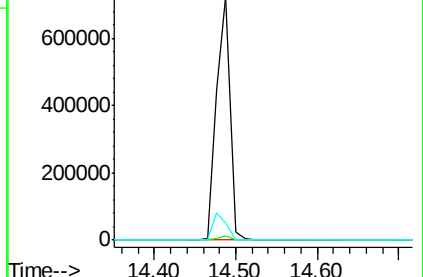
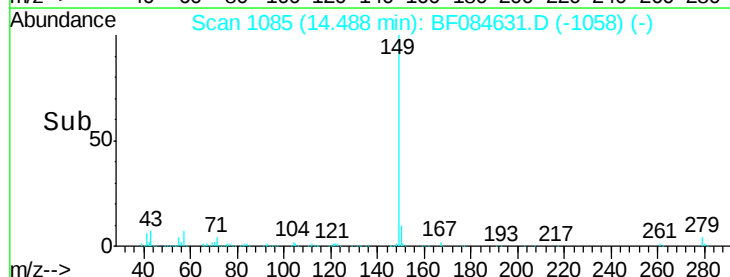
43 11.5 5.6 8.4#

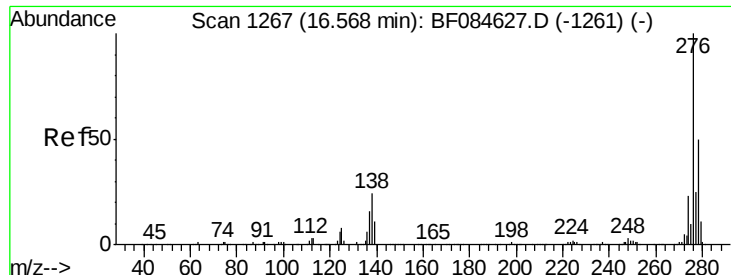


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

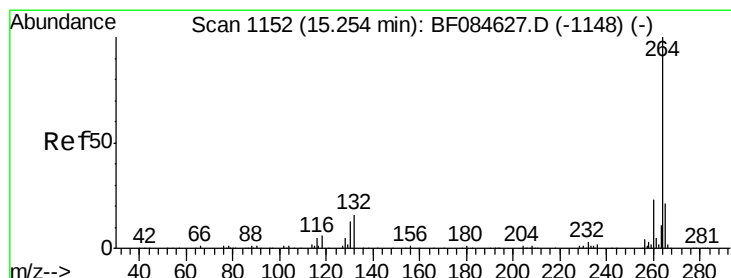
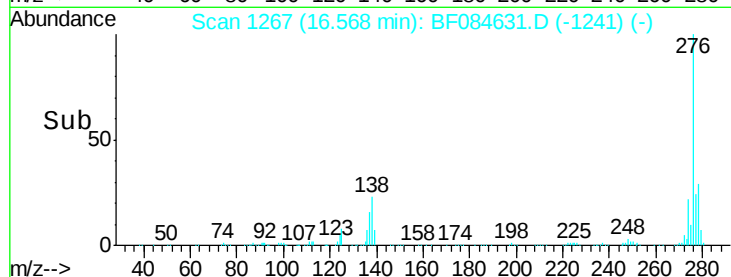
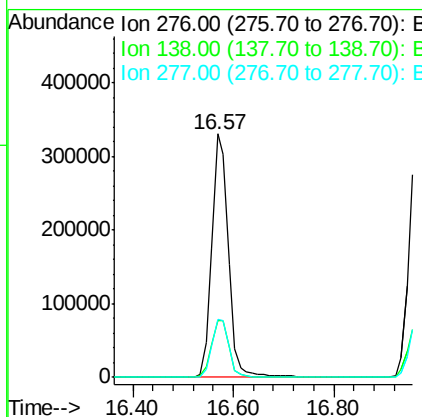
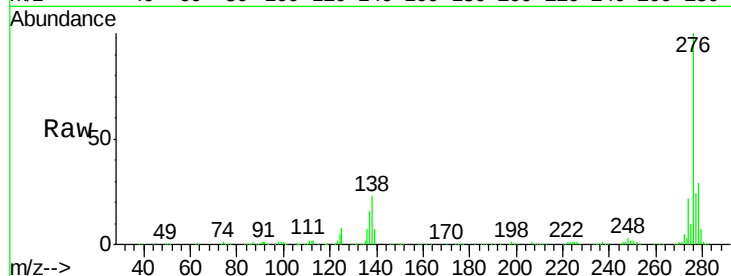




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.04 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

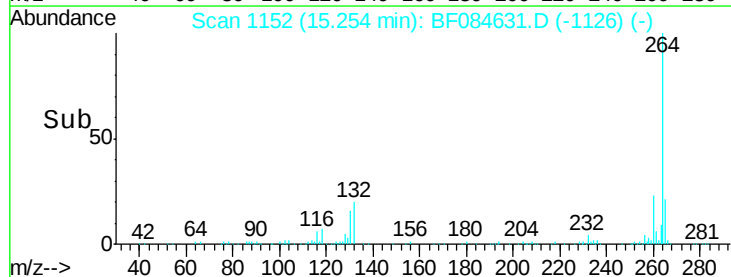
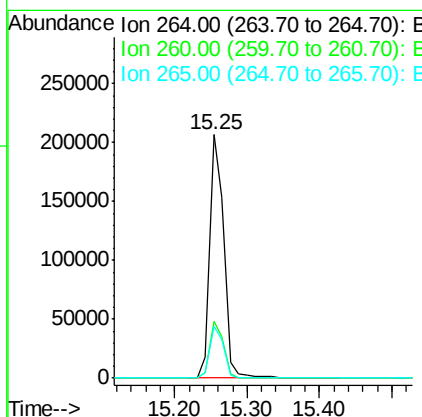
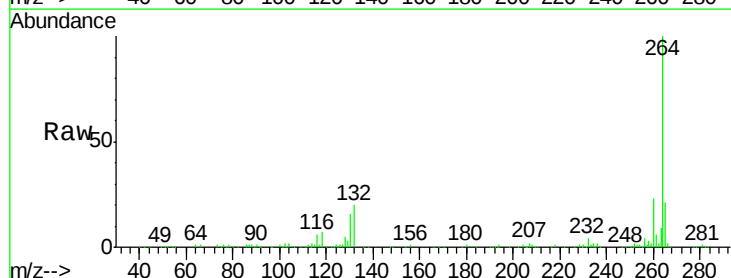
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012916

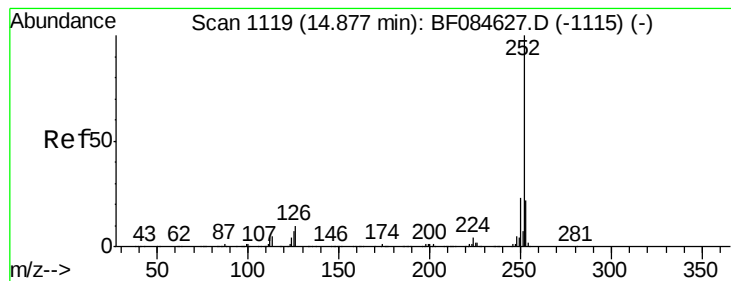
Tgt Ion: 276 Resp: 755133
 Ion Ratio Lower Upper
 276 100
 138 24.9 20.6 30.8
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084631.D
 Acq: 29 Jan 2016 12:57

Tgt Ion: 264 Resp: 276809
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 69.48 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

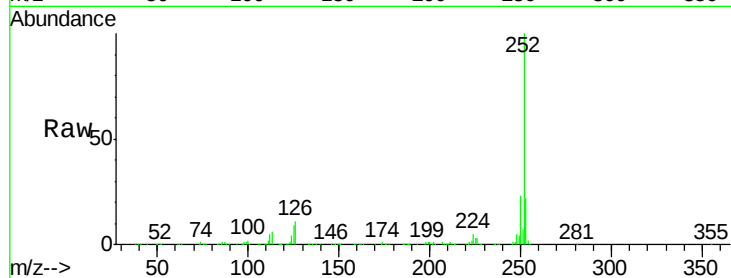
Tgt Ion:252 Resp: 1245422

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

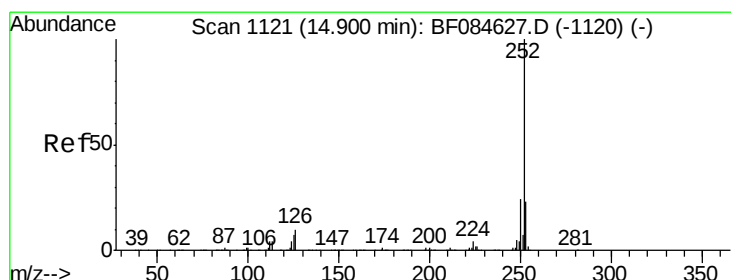
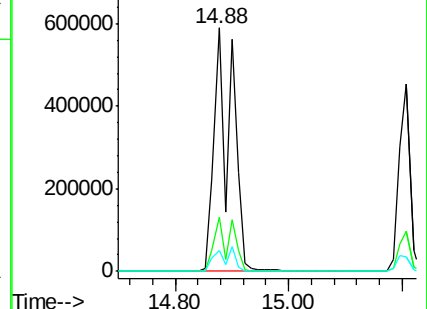
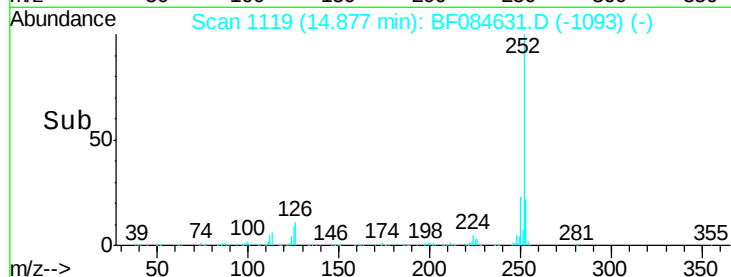
125 8.8 6.5 9.7



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



#88

Benzo(k)fluoranthene

Concen: 84.12 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

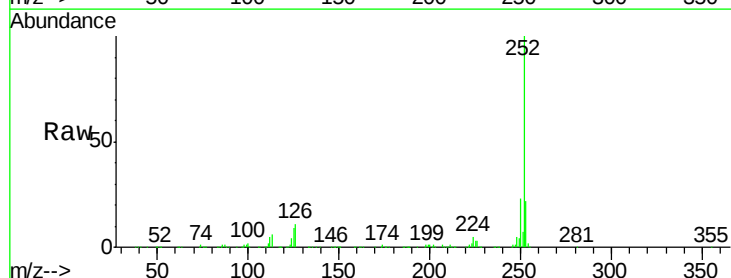
Tgt Ion:252 Resp: 1245422

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

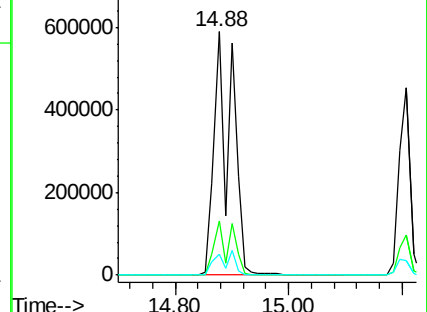
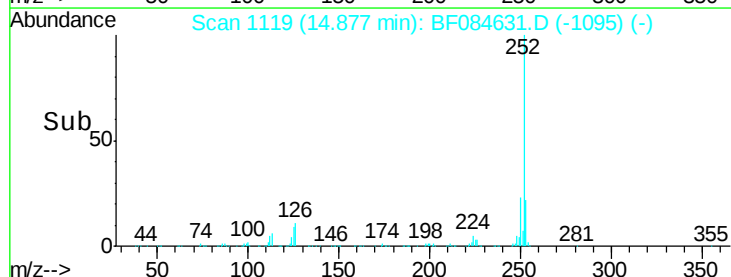
125 8.8 9.0 13.6#

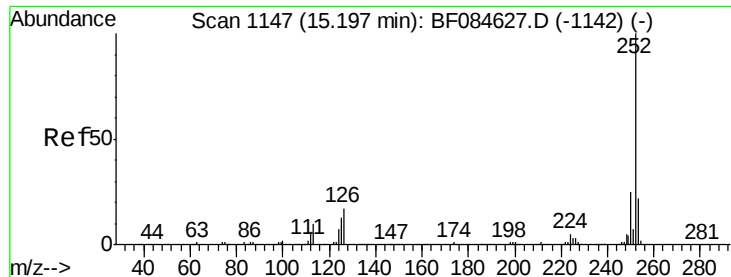


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.28 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

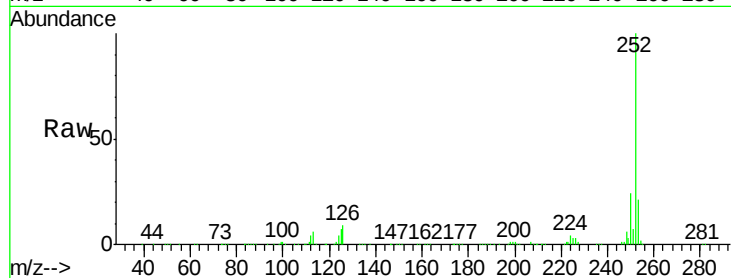
Tgt Ion:252 Resp: 593471

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

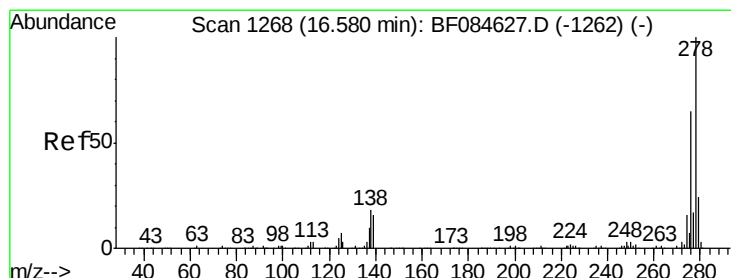
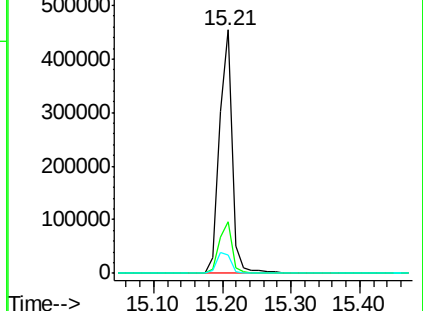
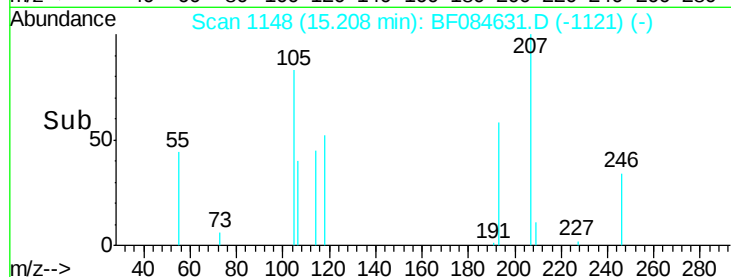
125 7.4 7.0 10.4



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: 45.53 ng

RT: 16.59 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

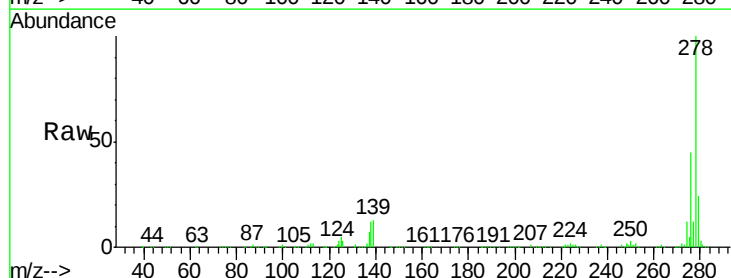
Tgt Ion:278 Resp: 636148

Ion Ratio Lower Upper

278 100

139 12.6 15.0 22.4#

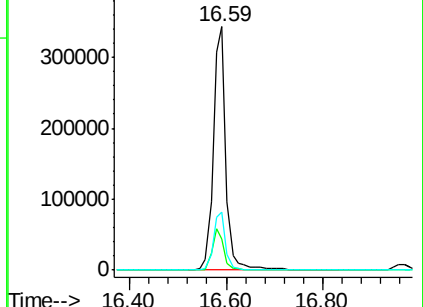
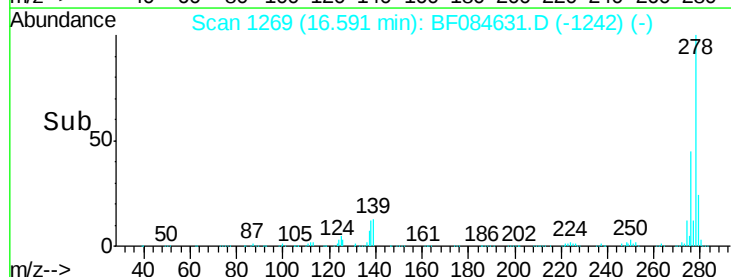
279 23.6 18.9 28.3

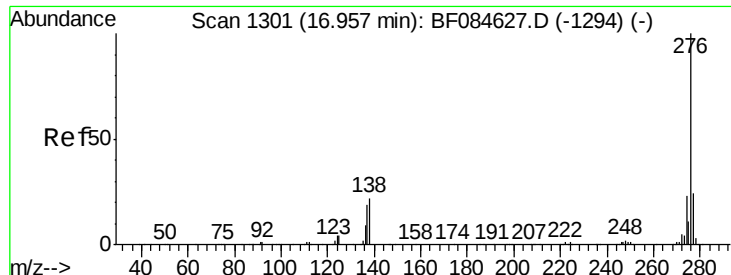


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.91 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF084631.D

Acq: 29 Jan 2016 12:57

Instrument :

BNA_F

ClientSampleId :

ICVBF012916

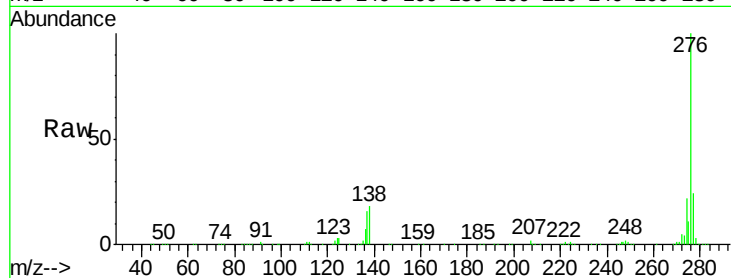
Tgt Ion: 276 Resp: 633635

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 17.9 17.8 26.6



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

