

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092924.D
 Acq On : 13 Feb 2017 18:02
 Operator : SJ/MA
 Sample : PB96881BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Quant Time: Feb 14 00:38:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	143582	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	561043	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	305451	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	503972	20.00	ng	0.00
75) Chrysene-d12	14.04	240	447964	20.00	ng	-0.01
86) Perylene-d12	15.48	264	428003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1003216	119.87	ng	0.01
7) Phenol-d6	6.53	99	1433151	133.09	ng	0.00
23) Nitrobenzene-d5	7.45	82	844308	83.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	303442	137.35	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1393655	82.66	ng	0.00
78) Terphenyl-d14	12.99	244	1312876	68.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	147044	32.52	ng	88
3) Pyridine	3.29	79	375210	32.63	ng	87
4) n-Nitrosodimethylamine	3.24	42	206513	38.25	ng	83
6) Aniline	6.54	93	264033	17.98	ng	# 77
8) 2-Chlorophenol	6.67	128	360303	39.02	ng	94
9) Benzaldehyde	6.43	77	101610	13.17	ng	95
10) Phenol	6.54	94	499401	39.64	ng	81
11) bis(2-Chloroethyl)ether	6.62	93	370427	36.84	ng	96
12) 1,3-Dichlorobenzene	7.06	146	401095	37.09	ng	98
13) 1,4-Dichlorobenzene	6.90	146	403353	36.85	ng	98
14) 1,2-Dichlorobenzene	7.06	146	401119	38.33	ng	94
15) Benzyl Alcohol	7.04	79	321771	40.36	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	644915	36.91	ng	94
17) 2-Methylphenol	7.15	107	328176	41.43	ng	95
18) Hexachloroethane	7.39	117	138832	37.16	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	250672	36.57	ng	95
20) 3+4-Methylphenols	7.30	107	374519	39.55	ng	# 80
22) Acetophenone	7.30	105	486124	37.95	ng	# 92
24) Nitrobenzene	7.47	77	408301	39.47	ng	97
25) Isophorone	7.71	82	743996	39.63	ng	98
26) 2-Nitrophenol	7.79	139	217723	44.27	ng	88
27) 2,4-Dimethylphenol	7.82	122	330060	38.22	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	459590	36.96	ng	97
29) 2,4-Dichlorophenol	8.03	162	329982	40.97	ng	91
30) 1,2,4-Trichlorobenzene	8.11	180	331158	38.15	ng	95
31) Naphthalene	8.19	128	1038331	36.51	ng	99
32) Benzoic acid	7.95	122	145803	32.51	ng	96
33) 4-Chloroaniline	8.24	127	138961	12.46	ng	94
34) Hexachlorobutadiene	8.30	225	168677	35.32	ng	99
35) Caprolactam	8.60	113	104991	41.44	ng	# 29
36) 4-Chloro-3-methylphenol	8.73	107	338367	40.29	ng	99
37) 2-Methylnaphthalene	8.88	142	711607	38.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	334603	39.02	ng	98
40) Hexachlorocyclopentadiene	9.04	237	204783	52.94	ng	97

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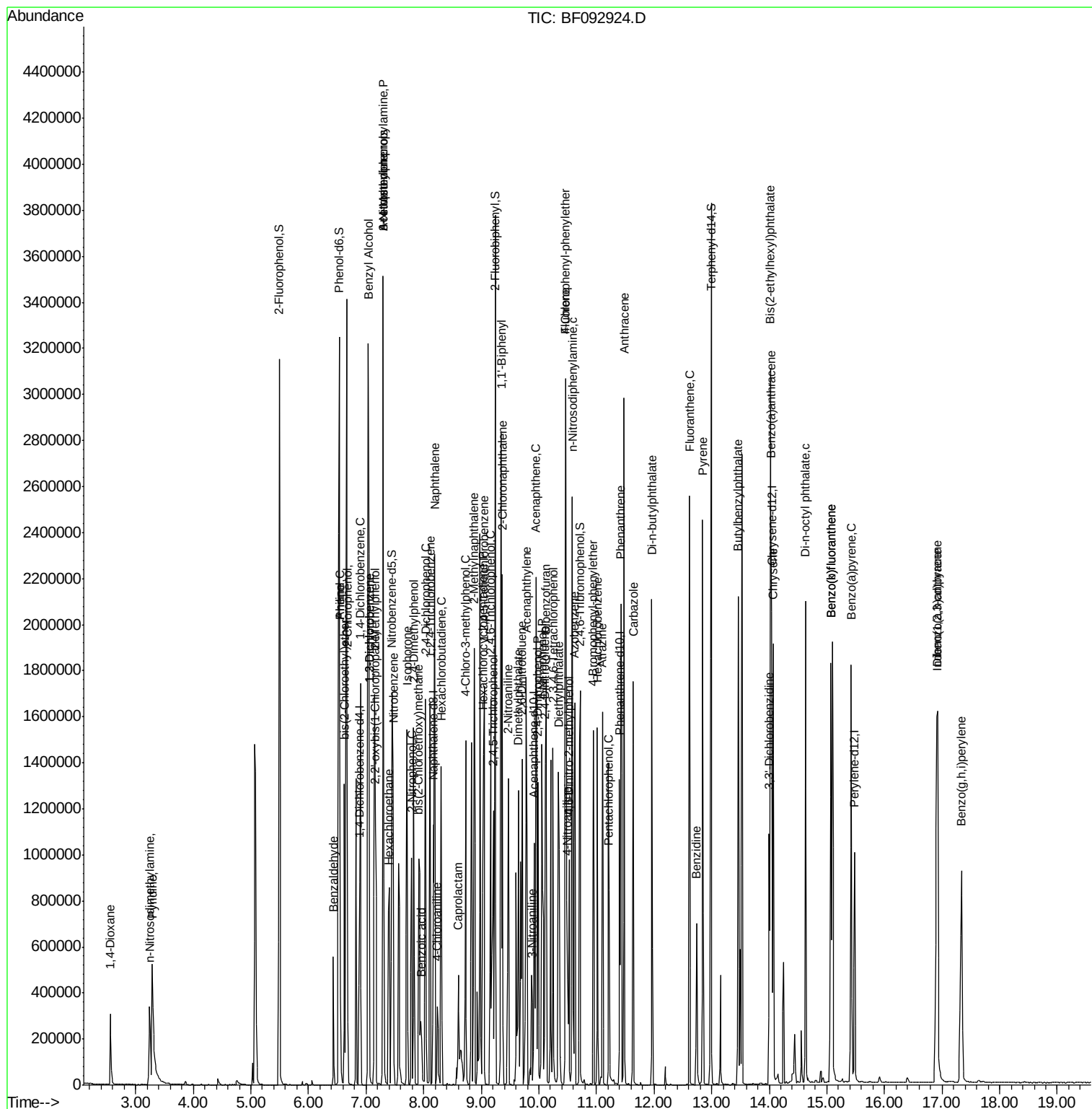
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	242912	43.12	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	234292	37.95	ng #	84
45) 1,1'-Biphenyl	9.34	154	885743	40.05	ng	99
46) 2-Chloronaphthalene	9.37	162	662952	38.32	ng	96
47) 2-Nitroaniline	9.47	65	243104	41.79	ng #	86
48) Acenaphthylene	9.78	152	1071658	35.85	ng	99
49) Dimethylphthalate	9.64	163	791222	38.46	ng	99
50) 2,6-Dinitrotoluene	9.71	165	187875	42.28	ng	94
51) Acenaphthene	9.95	154	698525	39.09	ng	97
52) 3-Nitroaniline	9.88	138	105639	20.78	ng #	71
53) 2,4-Dinitrophenol	9.98	184	167602	74.50	ng #	64
54) Dibenzofuran	10.12	168	947410	39.64	ng	100
55) 4-Nitrophenol	10.05	139	310569	84.80	ng #	77
56) 2,4-Dinitrotoluene	10.11	165	215519	36.43	ng	96
57) Fluorene	10.46	166	676687	36.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	190191	46.19	ng	96
59) Diethylphthalate	10.34	149	738162	38.07	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	335309	37.96	ng #	75
61) 4-Nitroaniline	10.49	138	190934	36.66	ng	93
62) Azobenzene	10.62	77	870545	43.46	ng	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	132714	43.53	ng #	77
65) n-Nitrosodiphenylamine	10.58	169	607734	37.75	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	192296	36.52	ng #	89
67) Hexachlorobenzene	11.01	284	189329	36.39	ng #	84
68) Atrazine	11.10	200	178212	34.49	ng	100
69) Pentachlorophenol	11.22	266	213574	79.56	ng	96
70) Phenanthrene	11.42	178	1059636	36.70	ng	98
71) Anthracene	11.48	178	1131482	39.02	ng	98
72) Carbazole	11.64	167	1028942	37.12	ng	98
73) Di-n-butylphthalate	11.96	149	1123279	37.47	ng	98
74) Fluoranthene	12.61	202	1017359	34.16	ng	98
76) Benzidine	12.74	184	272168	14.26	ng	97
77) Pyrene	12.84	202	1066780	31.82	ng	99
79) Butylbenzylphthalate	13.46	149	496502	36.47	ng	97
80) Benzo(a)anthracene	14.03	228	960061	35.04	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	227264	23.27	ng #	97
82) Chrysene	14.07	228	912389	35.57	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	688476	36.98	ng #	98
84) Di-n-octyl phthalate	14.63	149	1246466	41.11	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	952733	47.95	ng #	94
87) Benzo(b)fluoranthene	15.07	252	1006604	35.73	ng	98
88) Benzo(k)fluoranthene	15.07	252	1006604	41.38	ng	98
89) Benzo(a)pyrene	15.43	252	908072	37.26	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	787415	39.98	ng	98
91) Benzo(g,h,i)perylene	17.33	276	816060	41.02	ng #	90

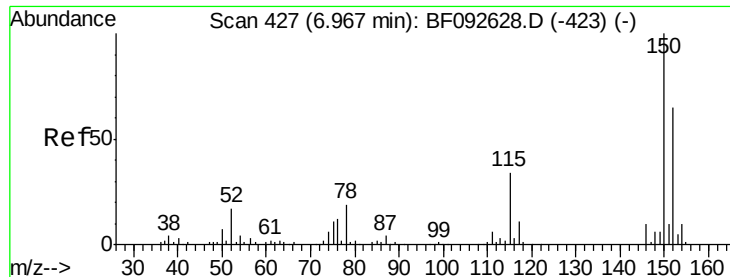
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 9      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

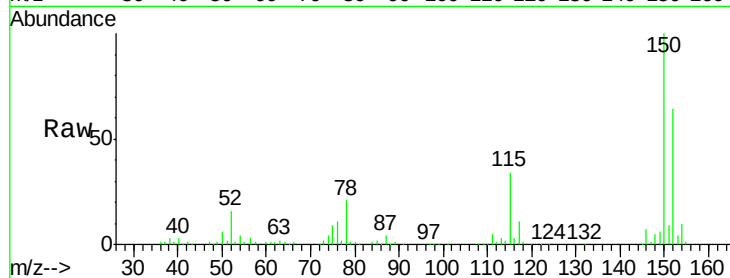
Tgt Ion:152 Resp: 143582

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

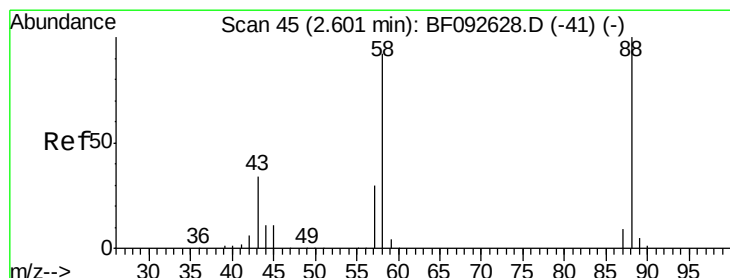
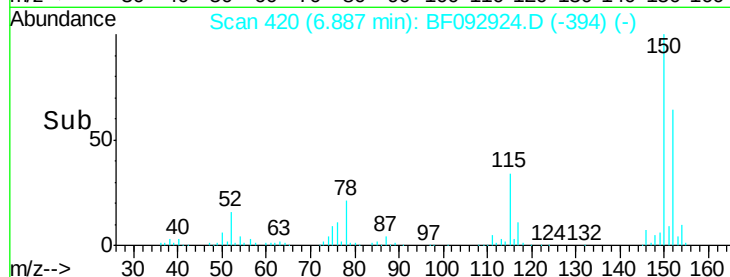
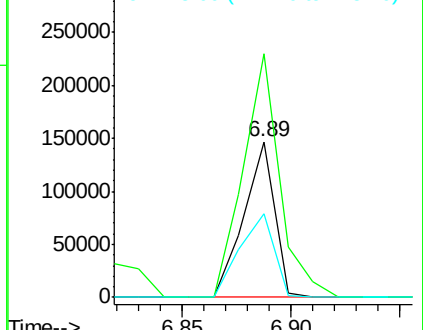
115 53.7 46.0 69.0



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: 32.52 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

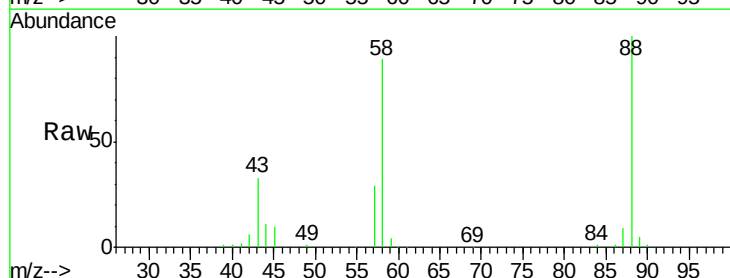
Tgt Ion: 88 Resp: 147044

Ion Ratio Lower Upper

88 100

58 85.3 57.8 86.8

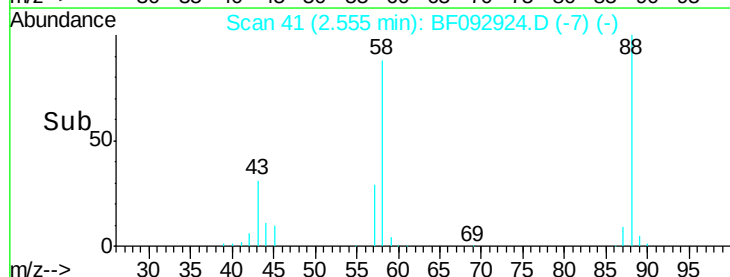
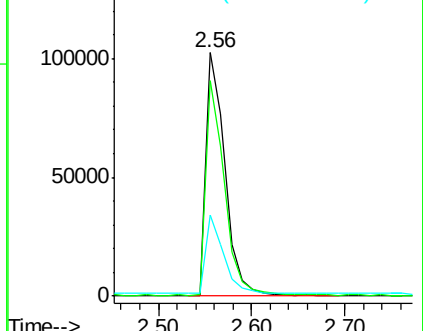
43 29.3 22.3 33.5

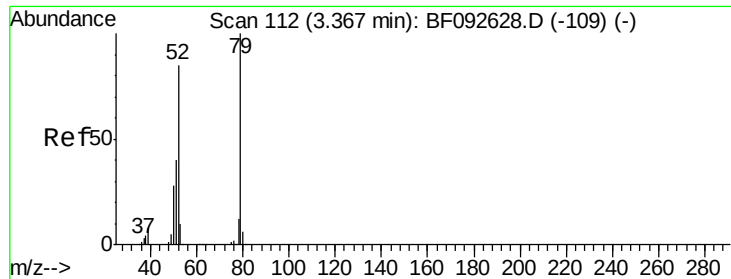


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.63 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

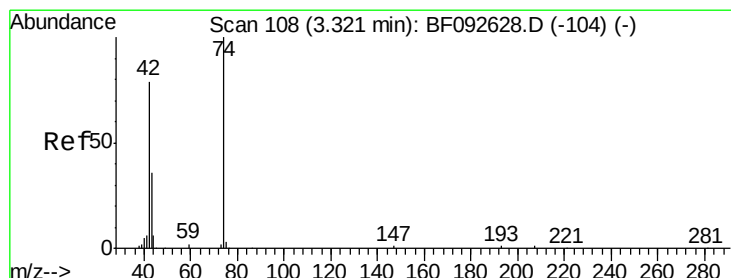
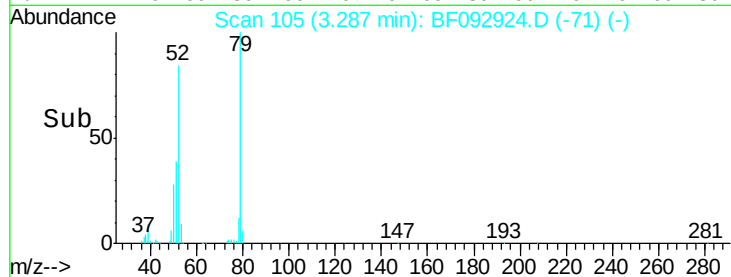
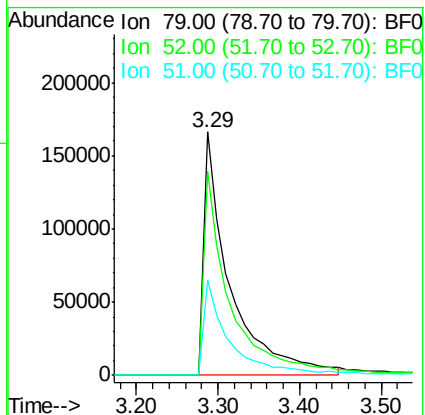
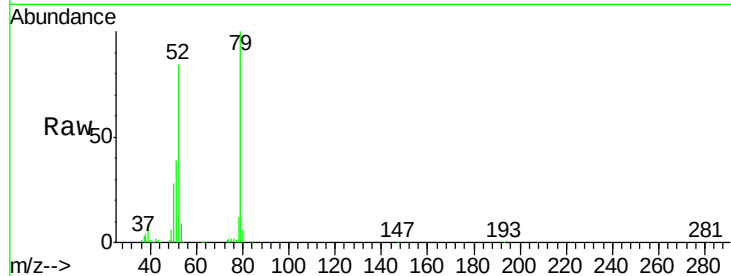
Tgt Ion: 79 Resp: 375210

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 39.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.25 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

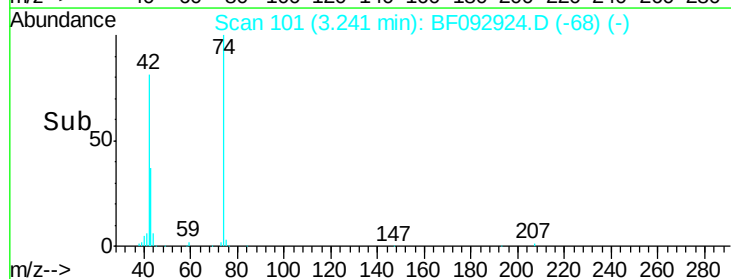
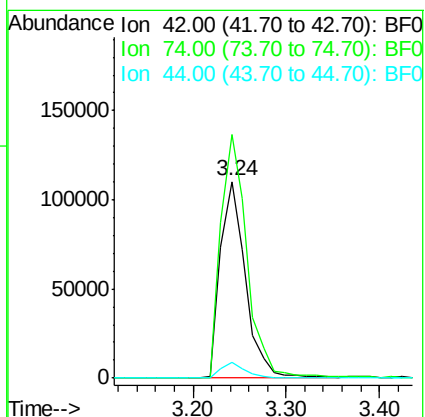
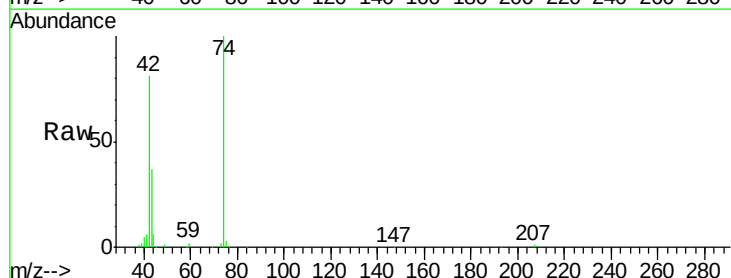
Tgt Ion: 42 Resp: 206513

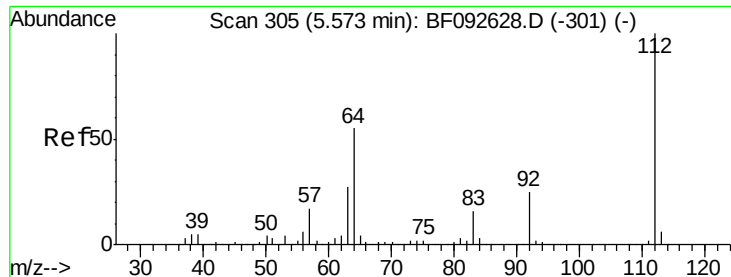
Ion Ratio Lower Upper

42 100

74 123.9 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 119.87 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

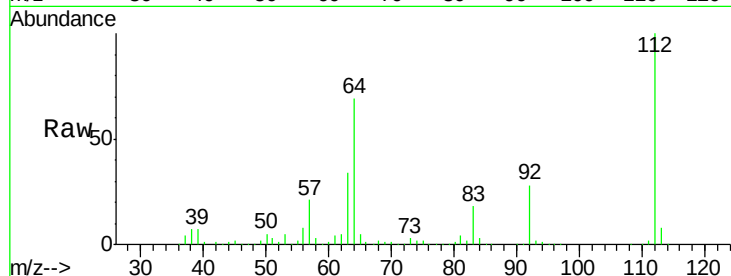
Tgt Ion: 112 Resp: 1003216

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

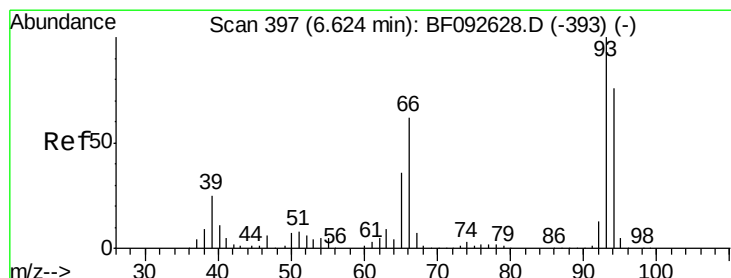
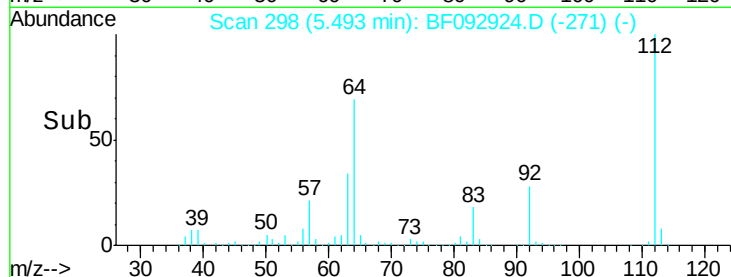
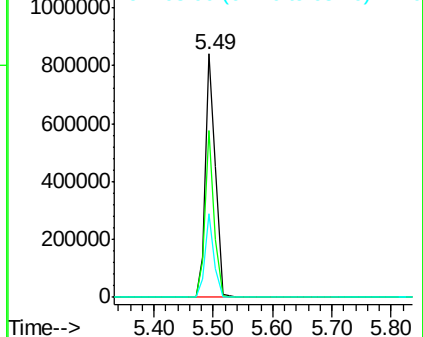
63 34.3 23.8 35.6



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: 17.98 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

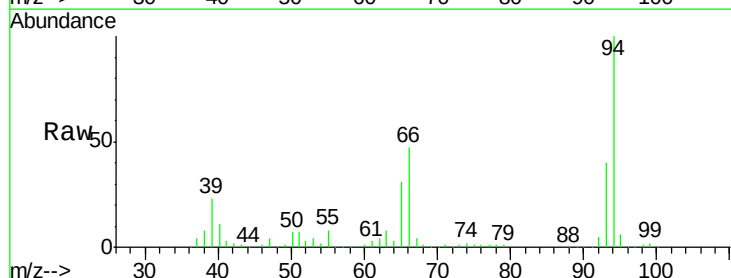
Tgt Ion: 93 Resp: 264033

Ion Ratio Lower Upper

93 100

66 118.5 76.2 114.2#

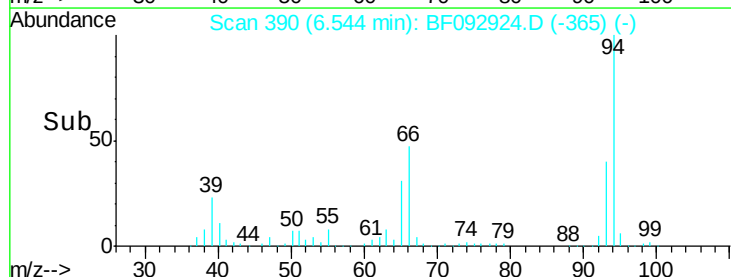
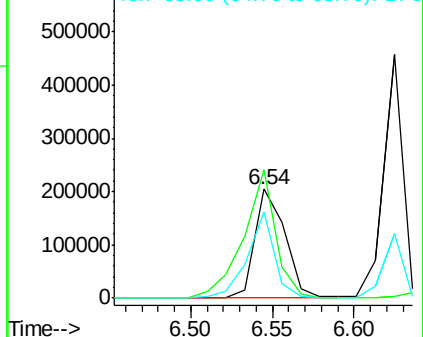
65 78.8 49.3 73.9#

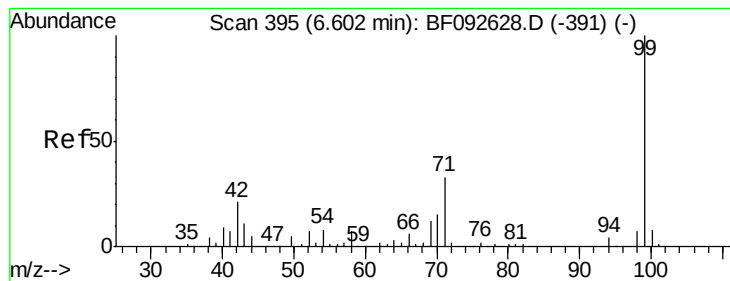


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.09 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092924.D

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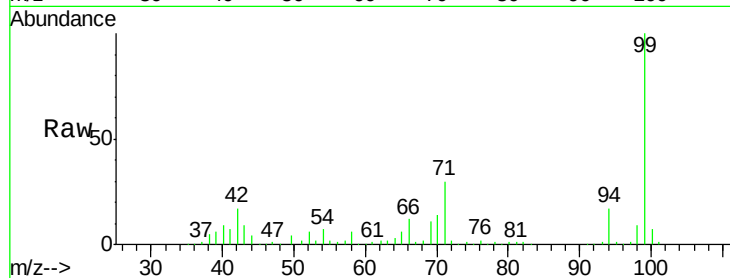
Tgt Ion: 99 Resp: 1433151

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

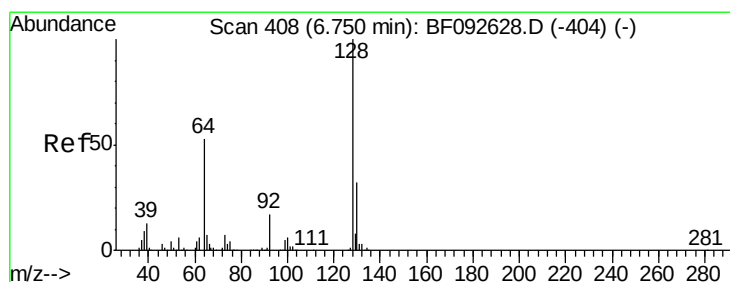
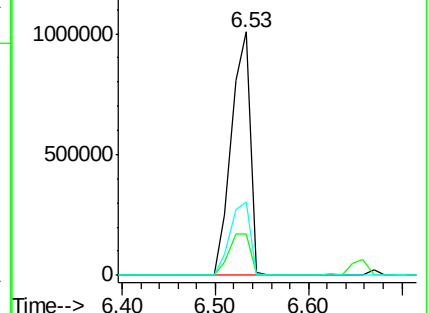
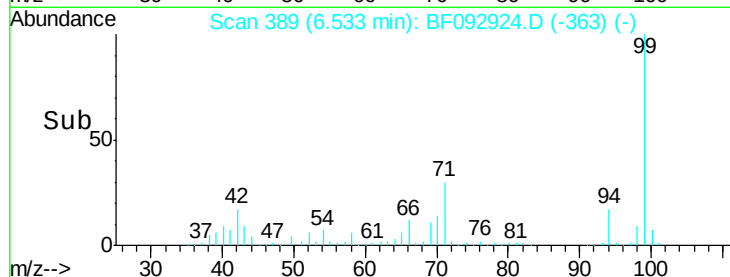
71 30.3 27.5 41.3



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: 39.02 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

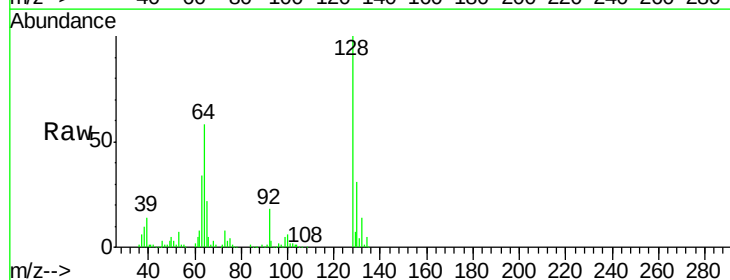
Tgt Ion: 128 Resp: 360303

Ion Ratio Lower Upper

128 100

130 30.9 12.3 52.3

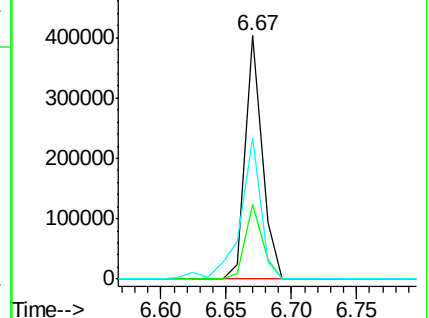
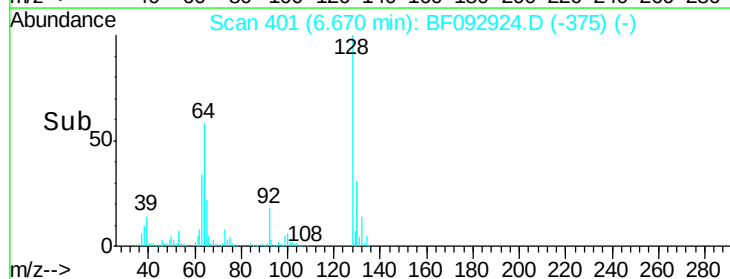
64 57.8 32.2 72.2

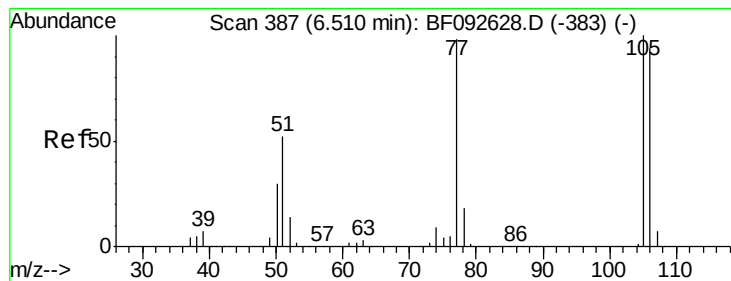


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.17 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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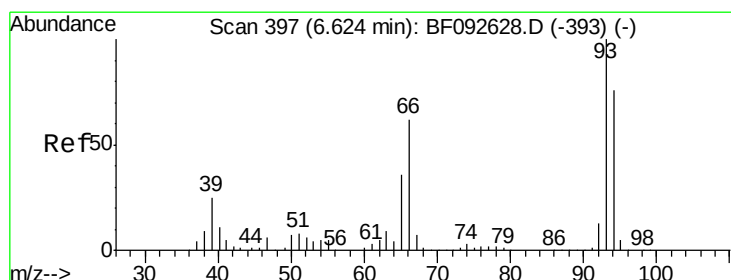
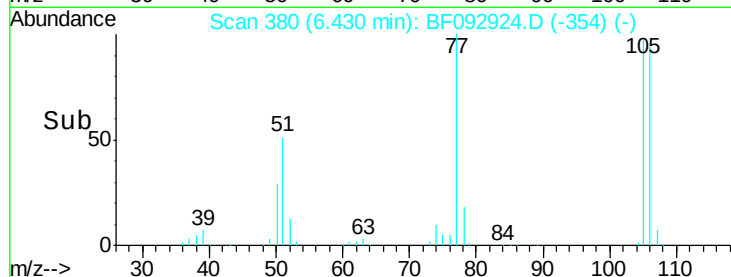
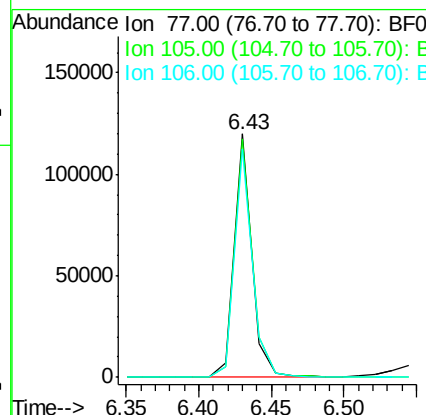
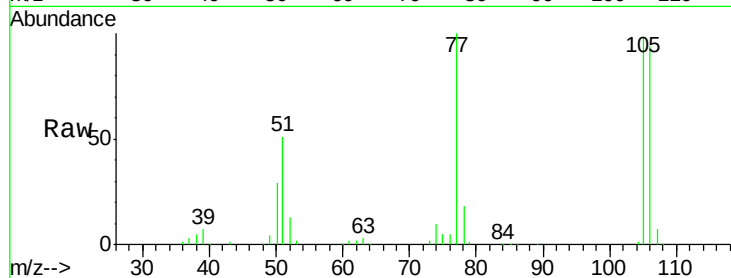
Tgt Ion: 77 Resp: 101610

Ion Ratio Lower Upper

77 100

105 97.8 83.9 123.9

106 93.8 77.6 117.6



#10

Phenol

Concen: 39.64 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

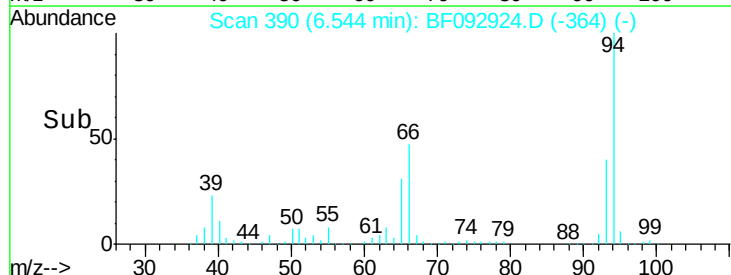
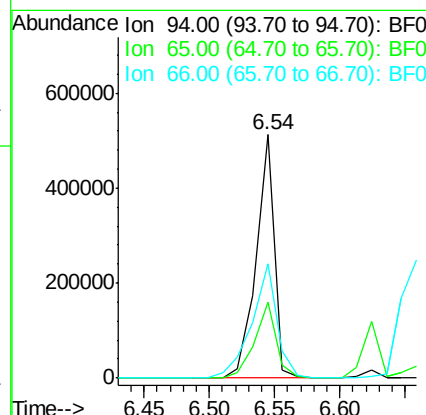
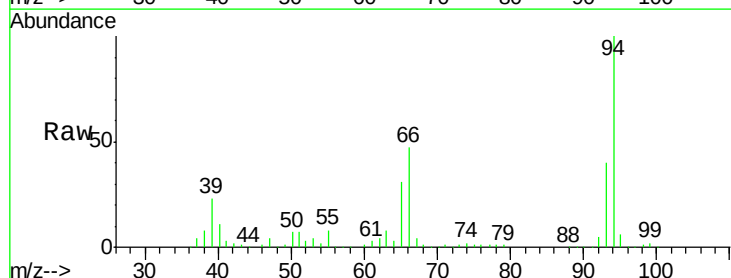
Tgt Ion: 94 Resp: 499401

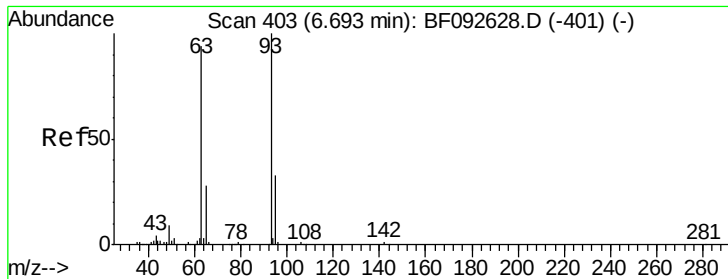
Ion Ratio Lower Upper

94 100

65 31.4 21.4 61.4

66 47.2 44.0 84.0

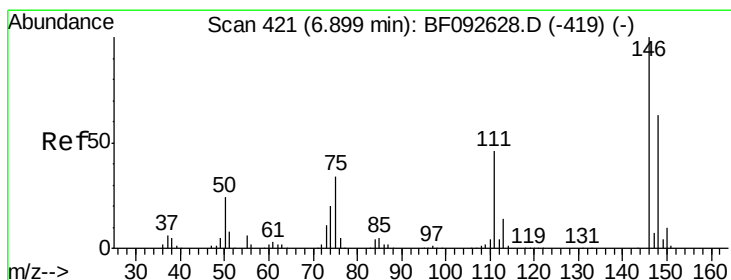
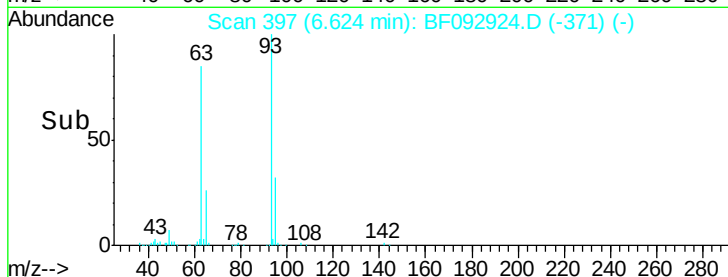
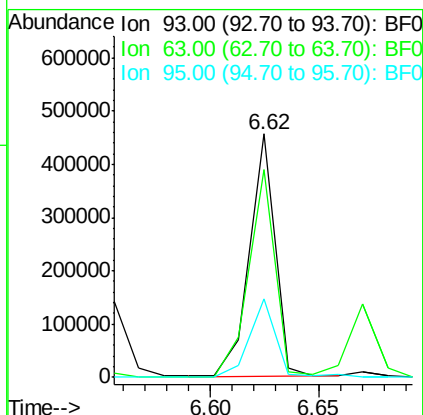
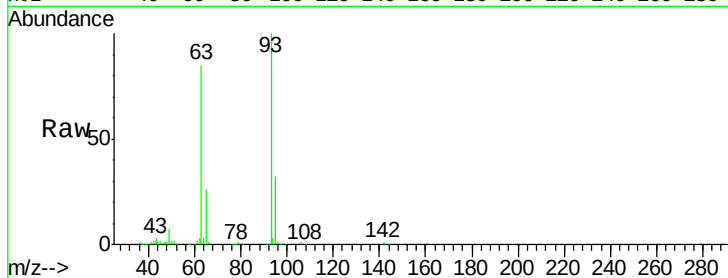




#11
bis(2-Chloroethyl)ether
Concen: 36.84 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

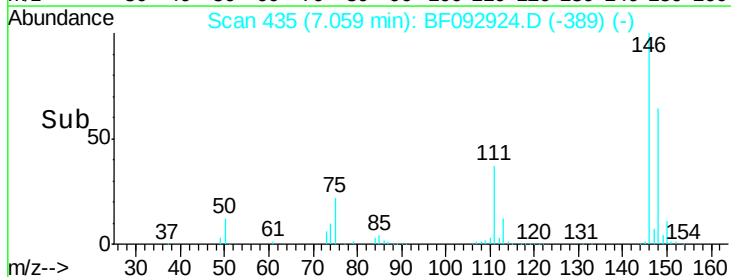
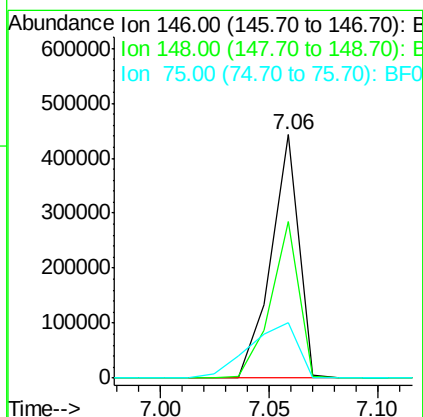
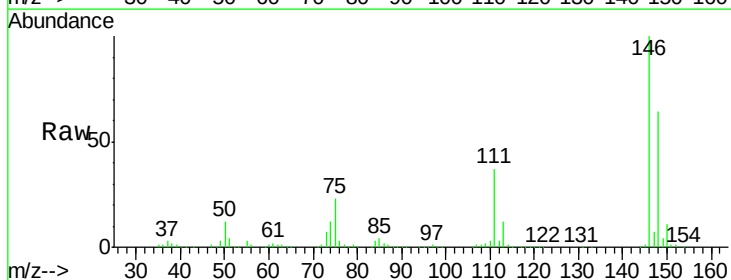
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

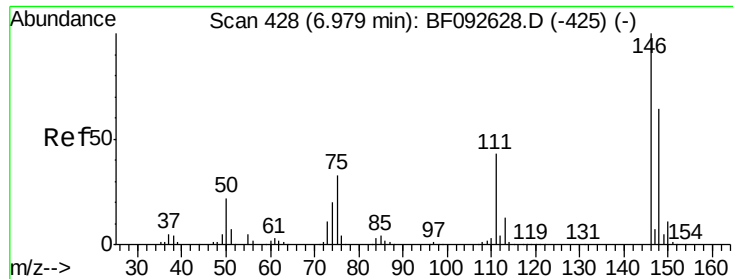
Tgt Ion: 93 Resp: 370427
Ion Ratio Lower Upper
93 100
63 85.2 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.09 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.23 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion: 146 Resp: 401095
Ion Ratio Lower Upper
146 100
148 64.3 53.4 80.0
75 22.9 18.5 27.7

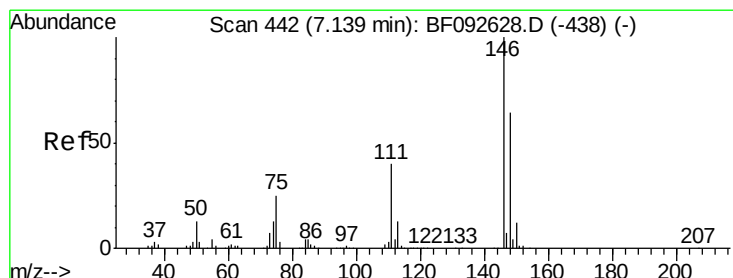
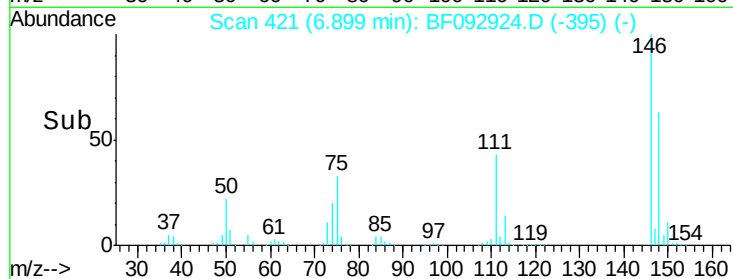
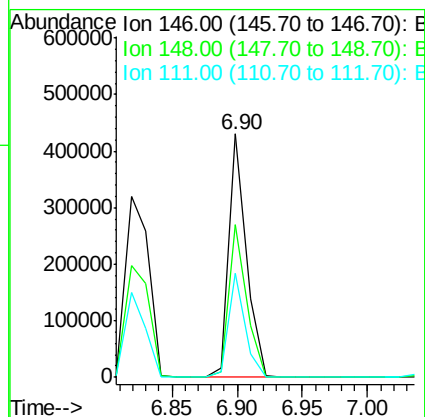
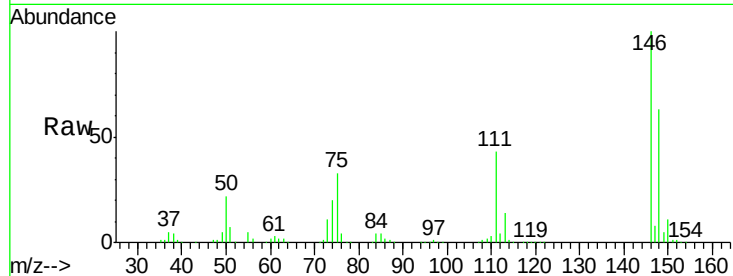




#13
 1,4-Dichlorobenzene
 Concen: 36.85 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

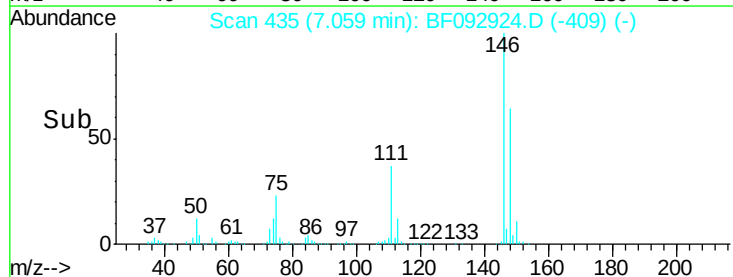
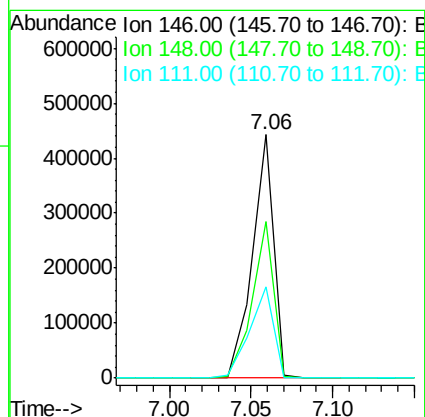
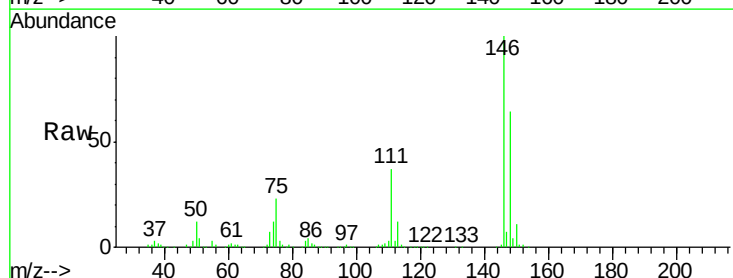
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

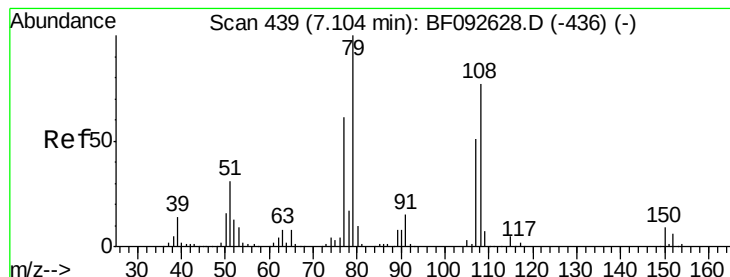
Tgt Ion:146 Resp: 403353
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 76.0
 111 42.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.33 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:146 Resp: 401119
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 37.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 40.36 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

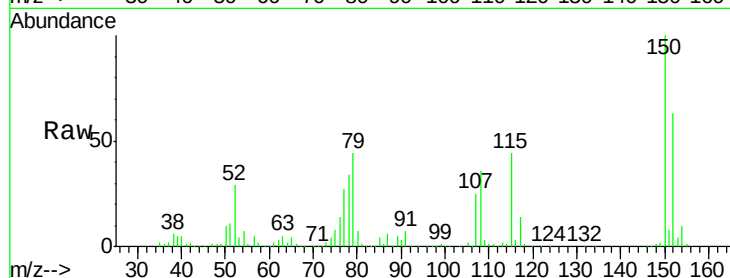
Tgt Ion: 79 Resp: 321771

Ion Ratio Lower Upper

79 100

108 82.5 61.4 92.0

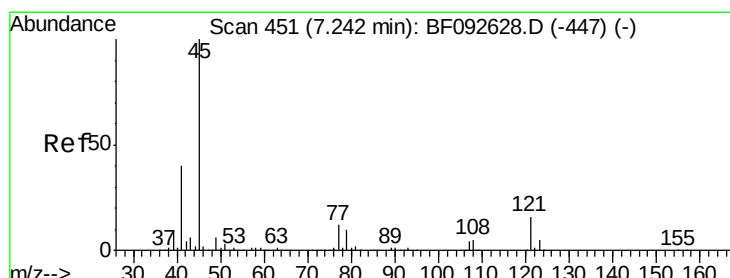
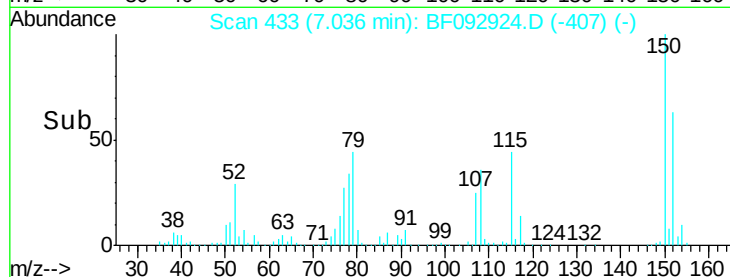
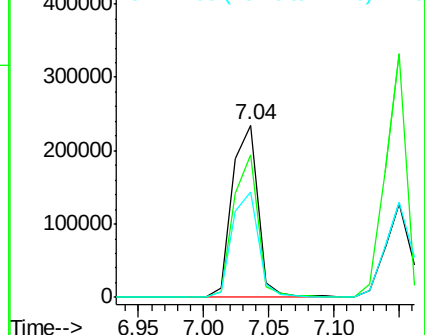
77 61.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.91 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

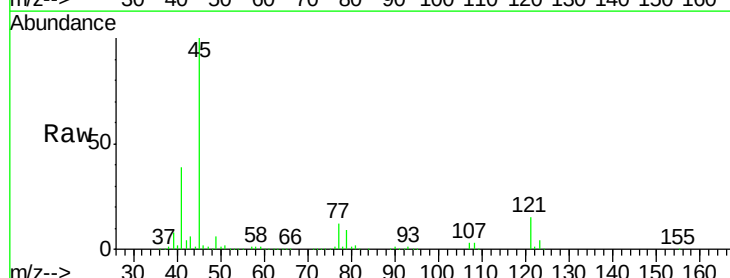
Tgt Ion: 45 Resp: 644915

Ion Ratio Lower Upper

45 100

77 11.6 0.0 34.6

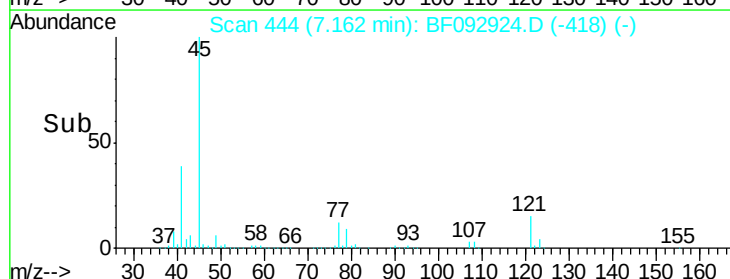
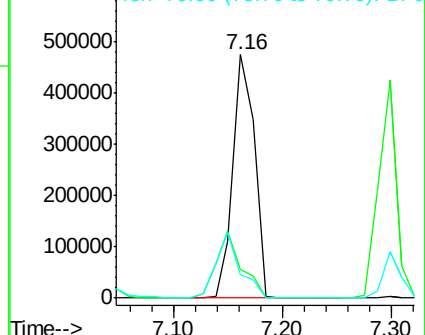
79 9.4 0.0 31.2

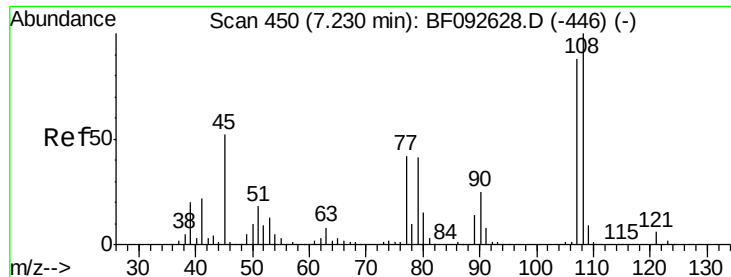


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

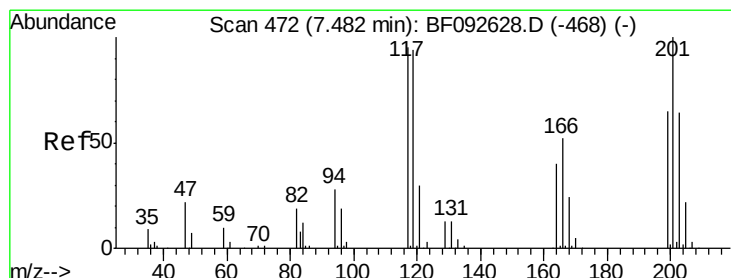
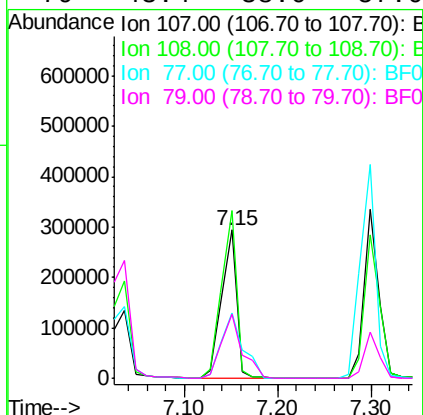
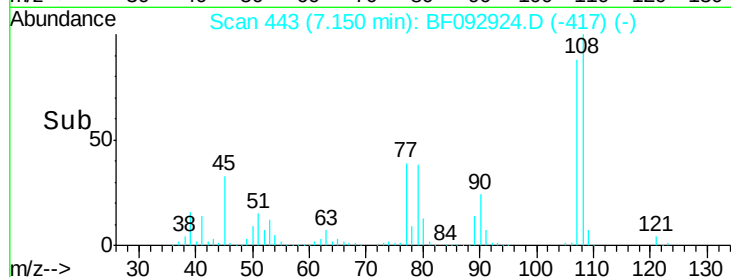
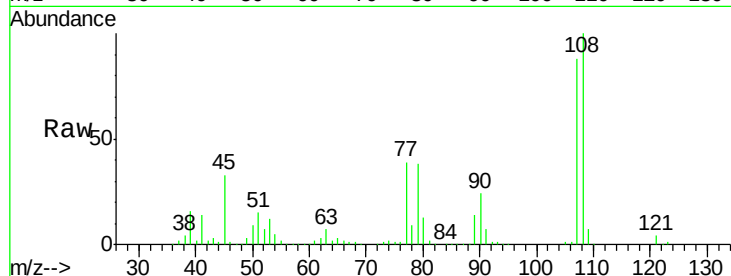




#17
2-Methylphenol
Concen: 41.43 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

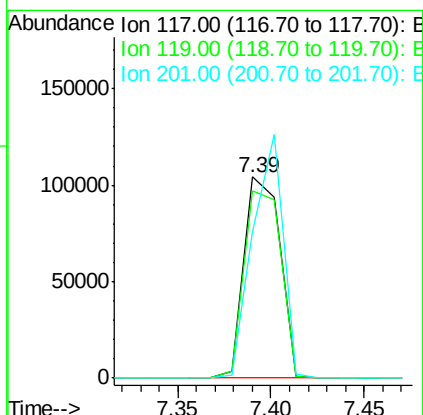
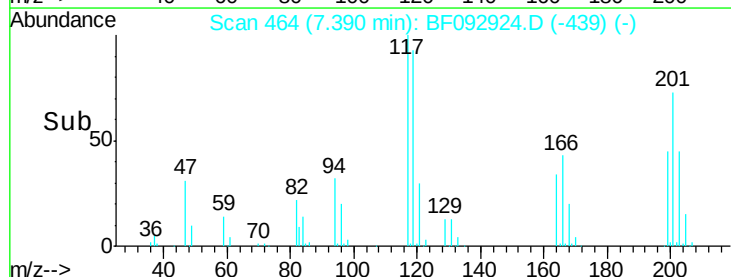
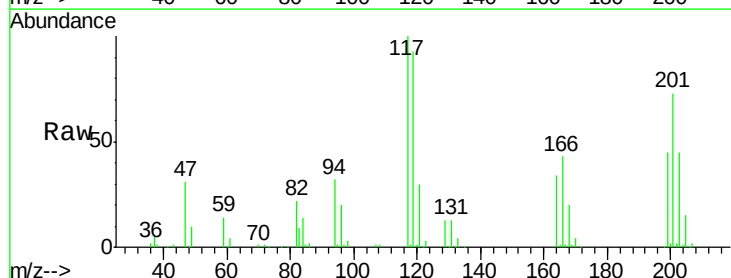
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

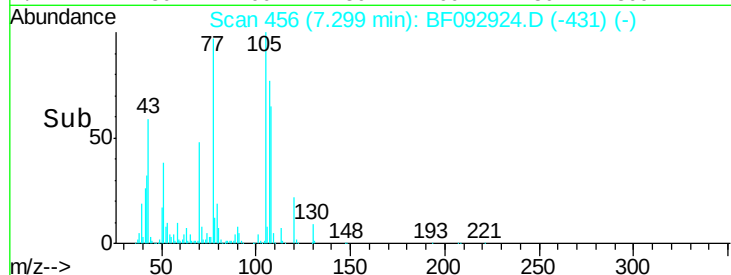
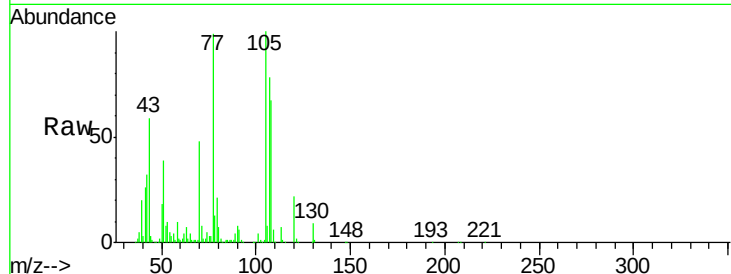
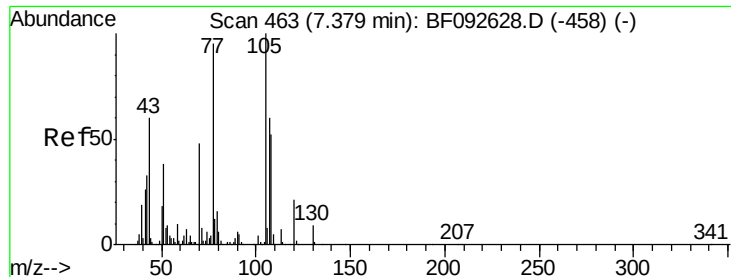
Tgt Ion:	107	Resp:	328176
Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.0	139.6
77	44.3	39.8	59.8
79	43.4	38.0	57.0



#18
Hexachloroethane
Concen: 37.16 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:	117	Resp:	138832
Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.1	117.1
201	72.7	78.6	117.8#

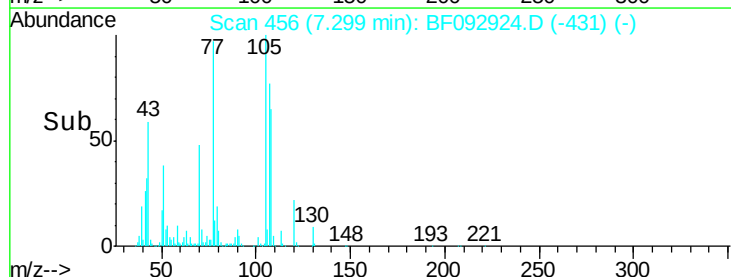
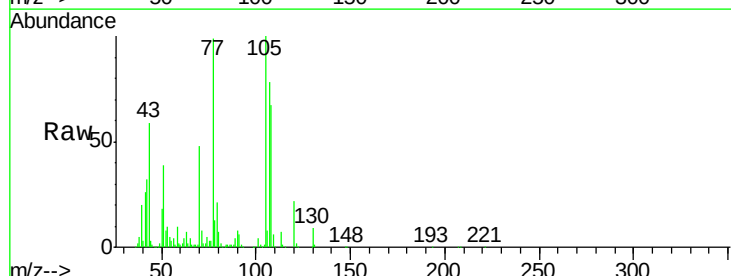
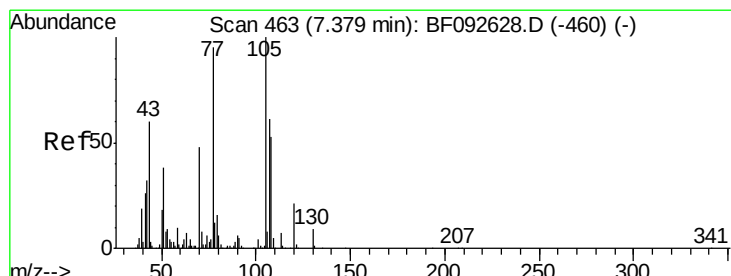
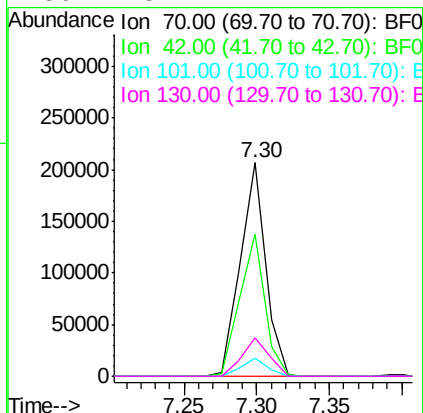




#19
n-Nitroso-di-n-propylamine
Concen: 36.57 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

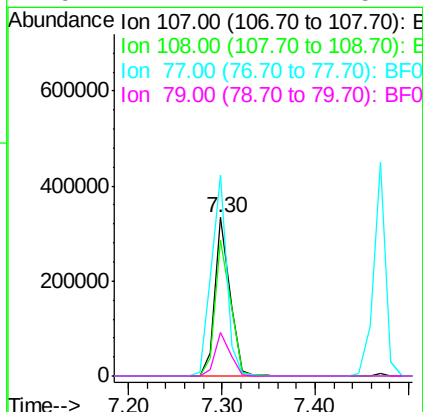
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

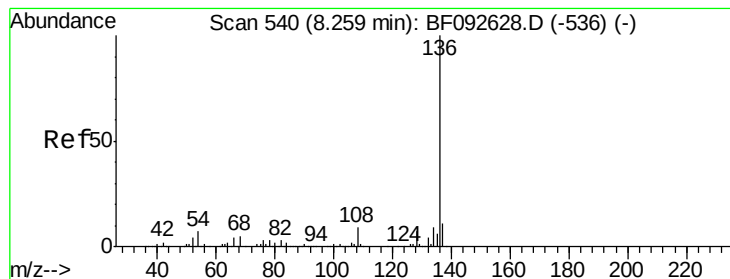
Tgt Ion:	70	Resp:	250672
Ion	Ratio	Lower	Upper
70	100		
42	66.6	49.4	74.0
101	8.6	7.4	11.2
130	18.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.55 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:	107	Resp:	374519
Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	126.9	71.3	111.3#
79	27.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

Tgt Ion:136 Resp: 561043

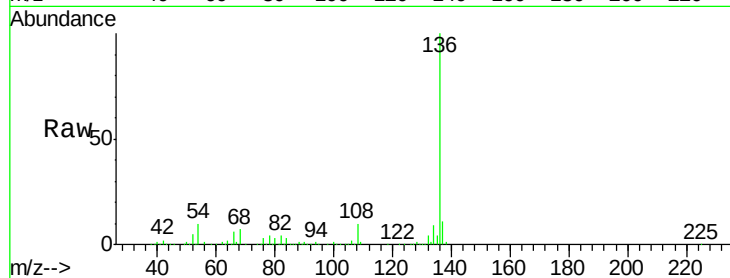
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 6.8 3.6 5.4#

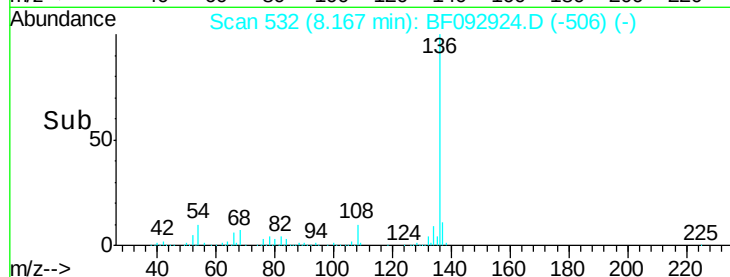


Abundance Ion 136.00 (135.70 to 136.70): E

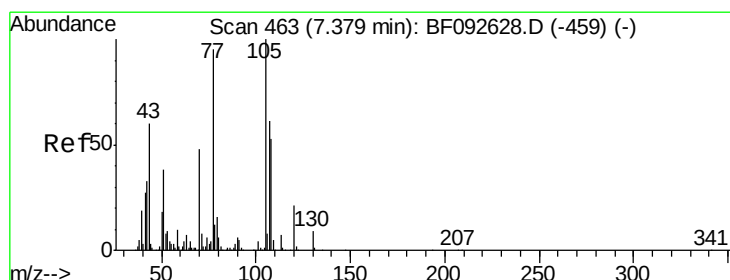
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.95 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Tgt Ion:105 Resp: 486124

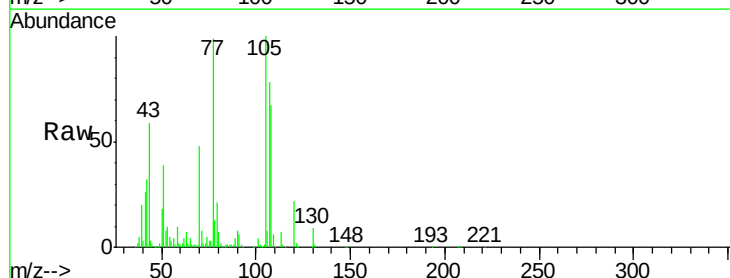
Ion Ratio Lower Upper

105 100

71 7.8 3.2 4.8#

51 39.1 26.2 39.4

120 22.1 16.6 24.8

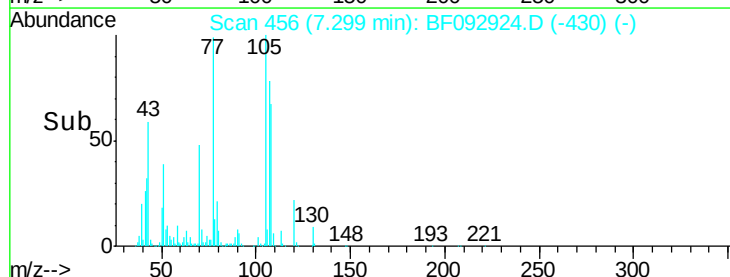


Abundance Ion 105.00 (104.70 to 105.70): E

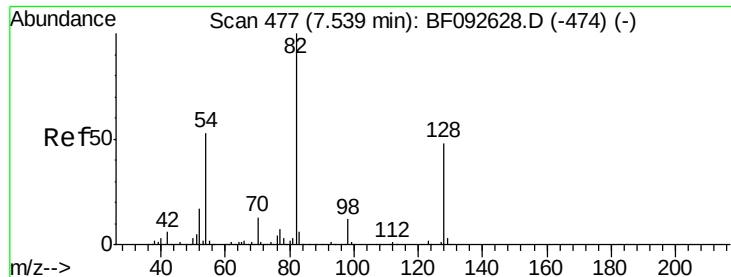
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



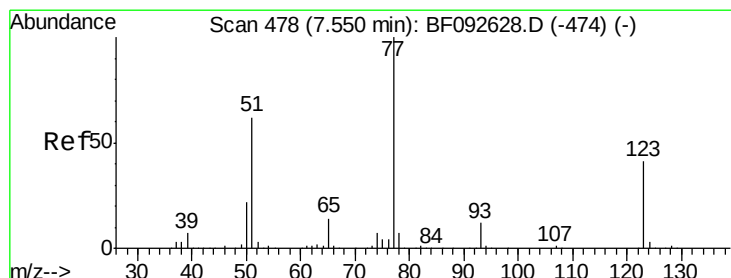
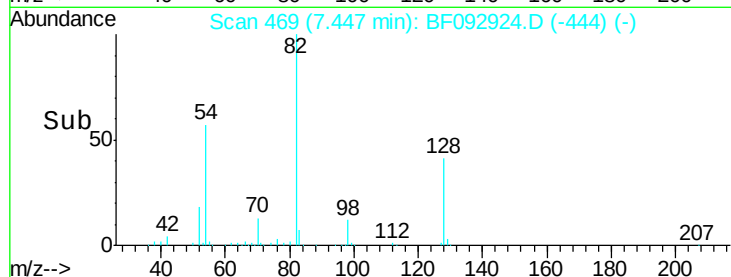
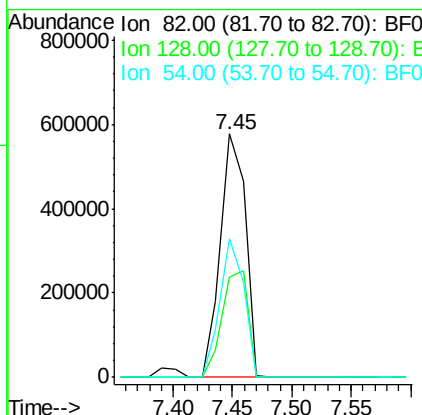
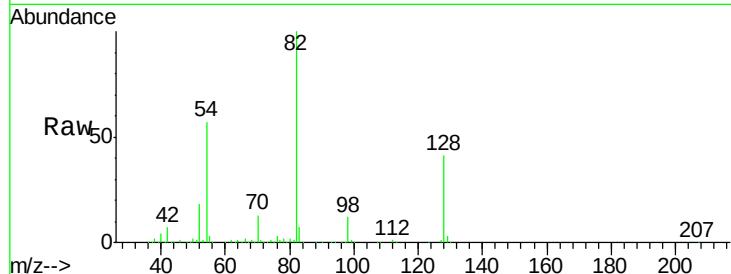
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.80 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

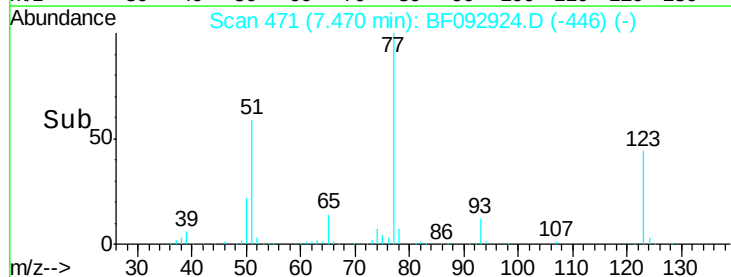
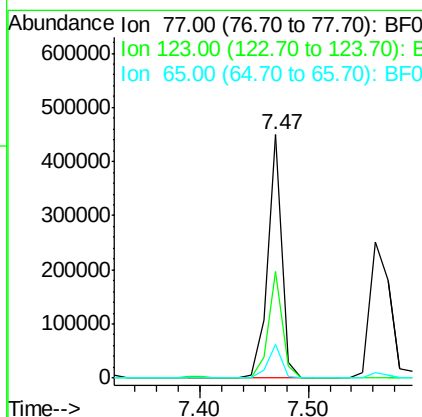
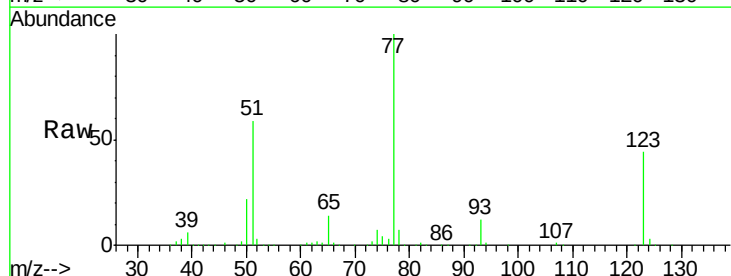
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

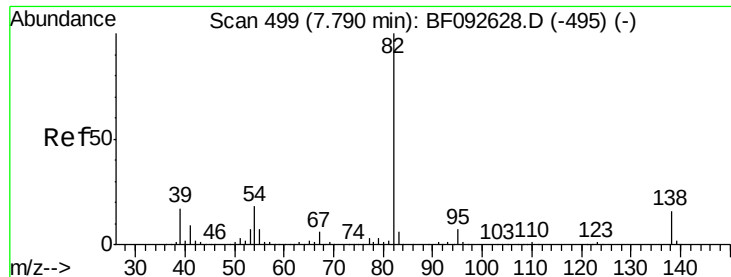
Tgt Ion: 82 Resp: 844308
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 57.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.47 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion: 77 Resp: 408301
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 39.63 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

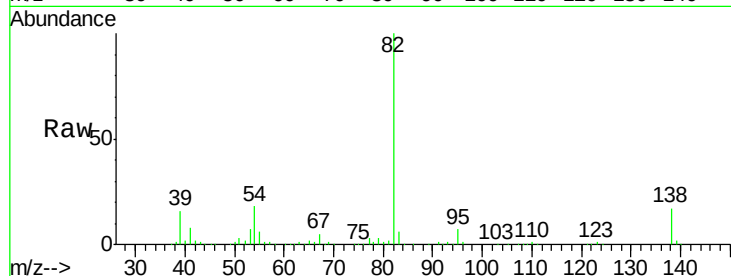
Tgt Ion: 82 Resp: 743996

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

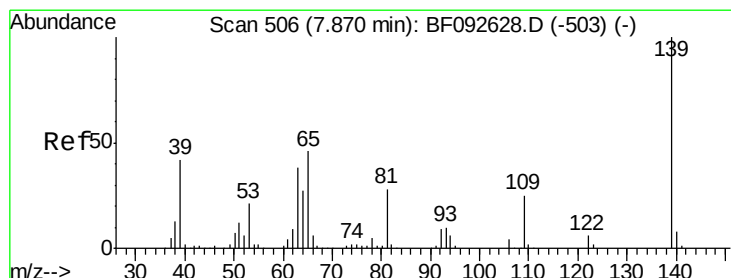
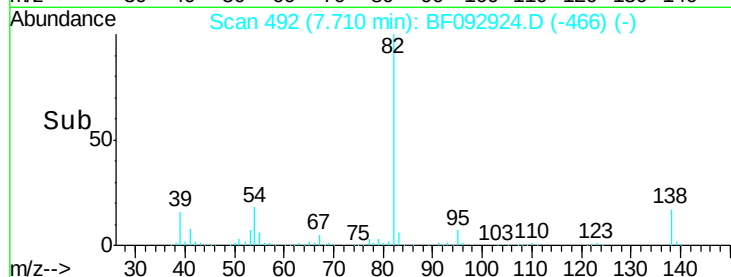
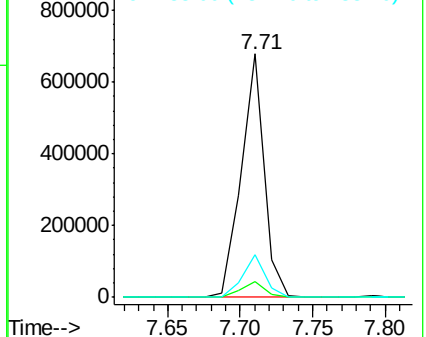
138 17.4 14.6 22.0



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: 44.27 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

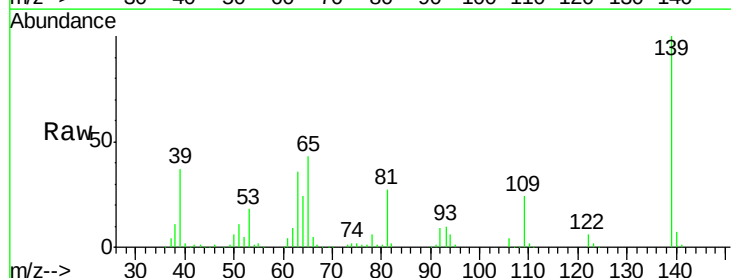
Tgt Ion: 139 Resp: 217723

Ion Ratio Lower Upper

139 100

109 23.9 23.3 34.9

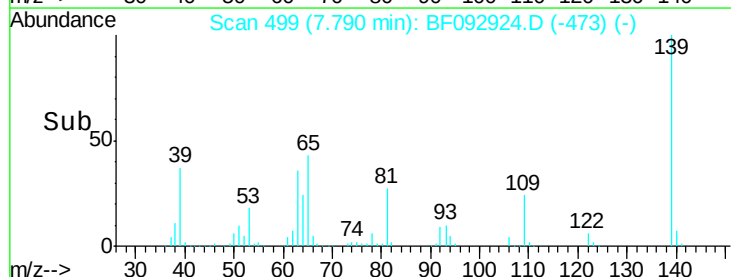
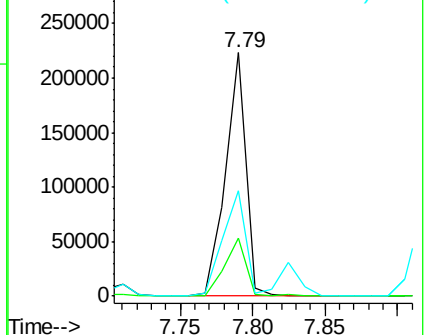
65 43.5 42.7 64.1

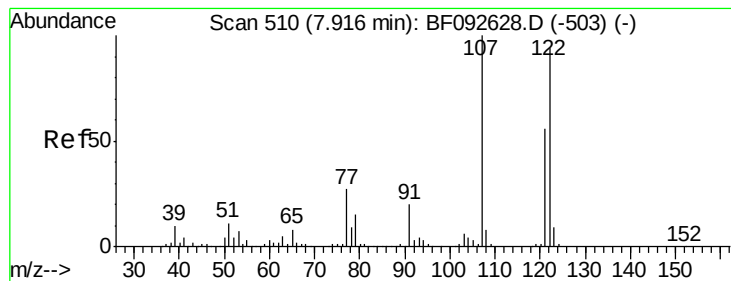


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.22 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

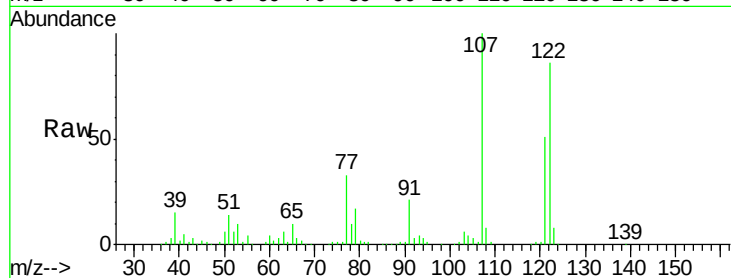
Tgt Ion:122 Resp: 330060

Ion Ratio Lower Upper

122 100

107 115.8 94.1 141.1

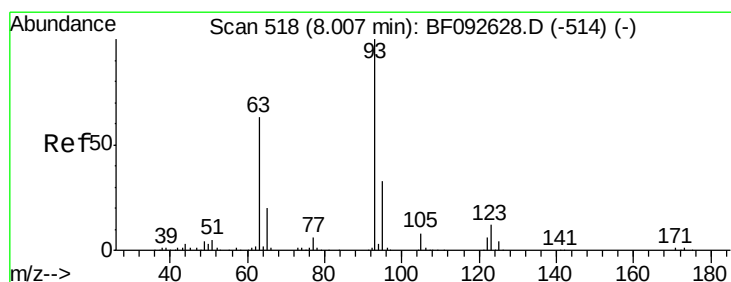
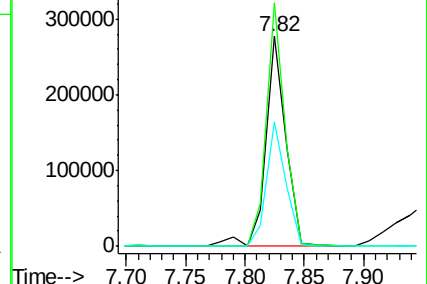
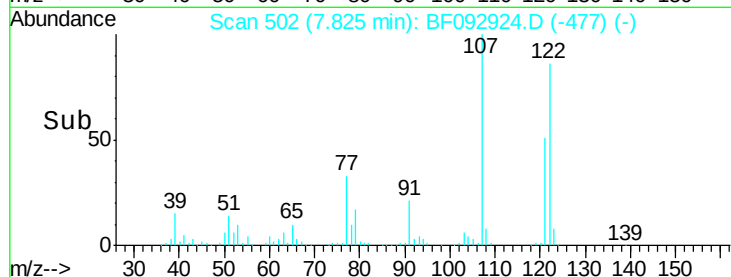
121 59.3 46.0 69.0



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: 36.96 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

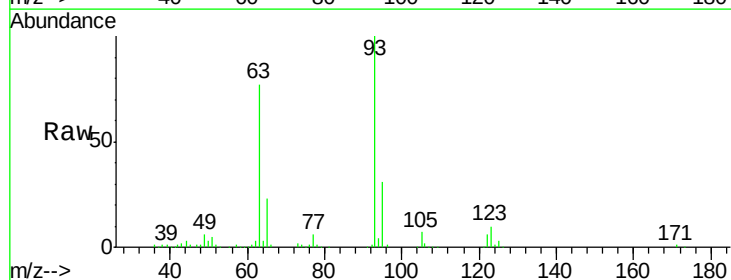
Tgt Ion: 93 Resp: 459590

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

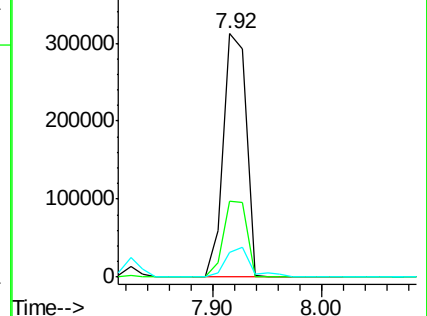
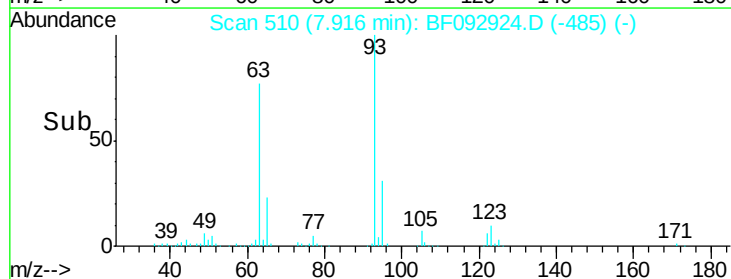
123 10.0 8.6 13.0

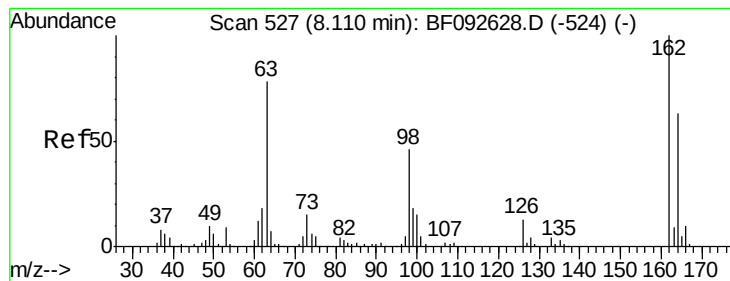


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.97 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

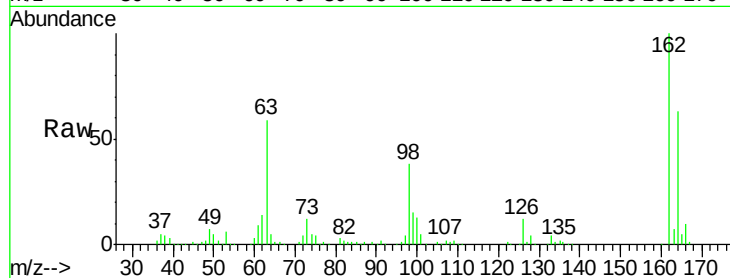
Tgt Ion:162 Resp: 329982

Ion Ratio Lower Upper

162 100

164 62.7 46.8 86.8

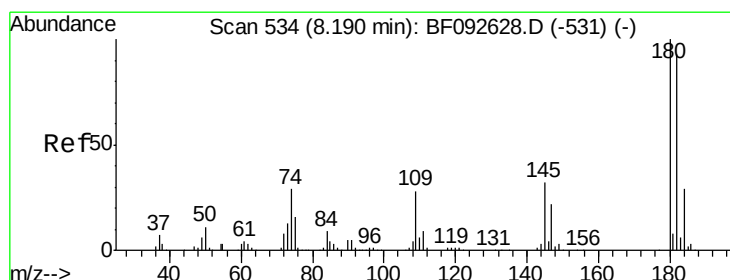
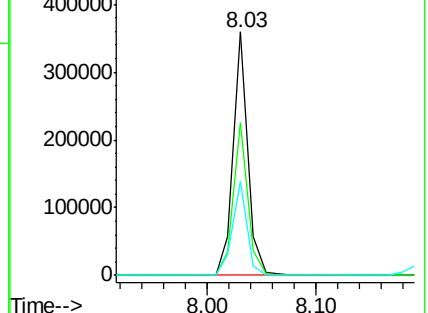
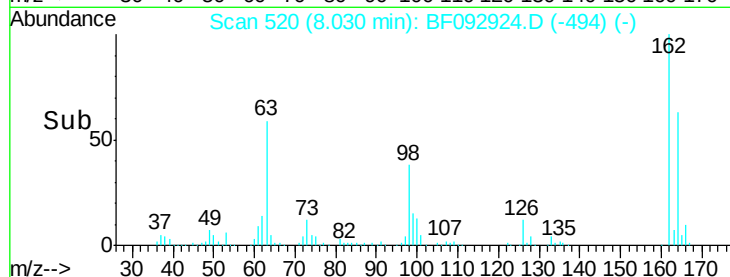
98 38.5 9.1 49.1



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: 38.15 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

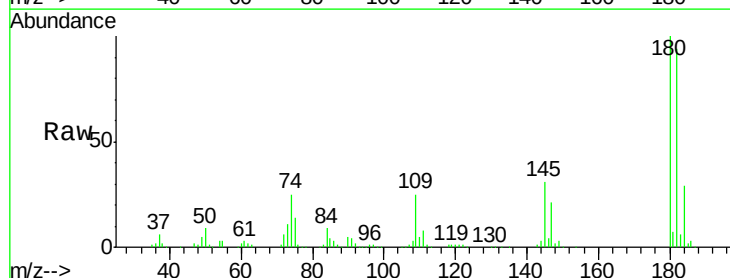
Tgt Ion:180 Resp: 331158

Ion Ratio Lower Upper

180 100

182 93.5 78.2 117.4

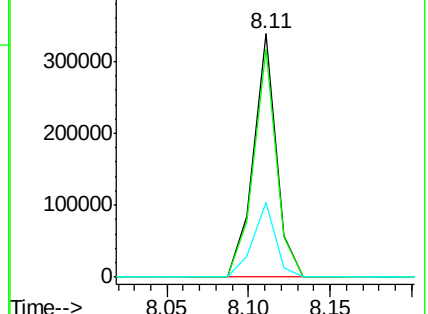
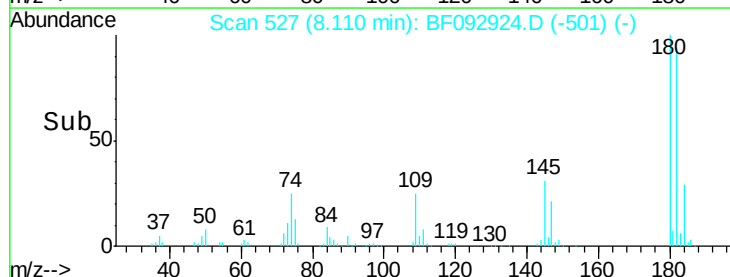
145 30.6 21.6 32.4

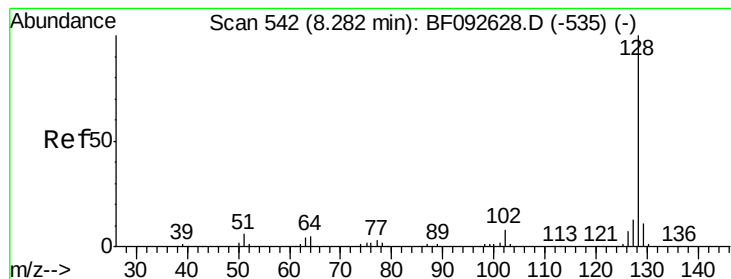


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.51 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

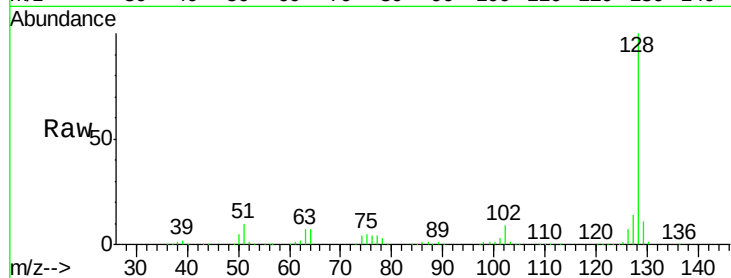
Tgt Ion:128 Resp: 1038331

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

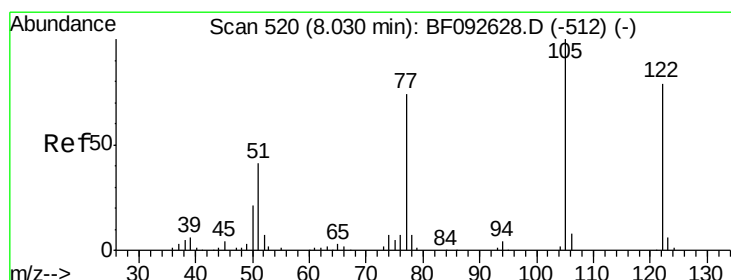
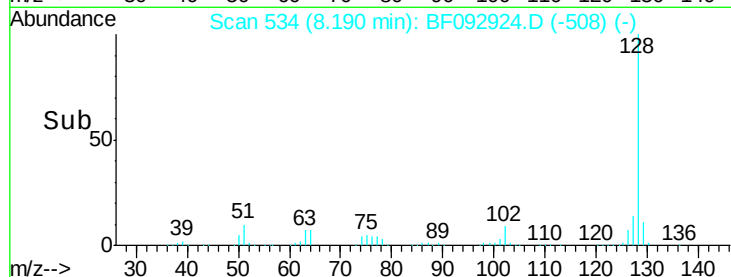
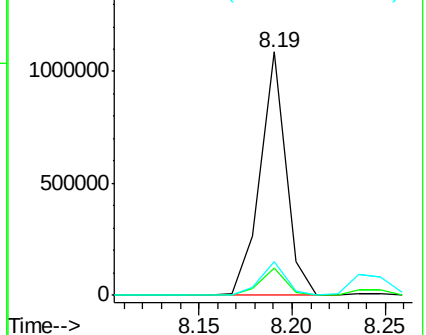
127 13.6 10.8 16.2



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: 32.51 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

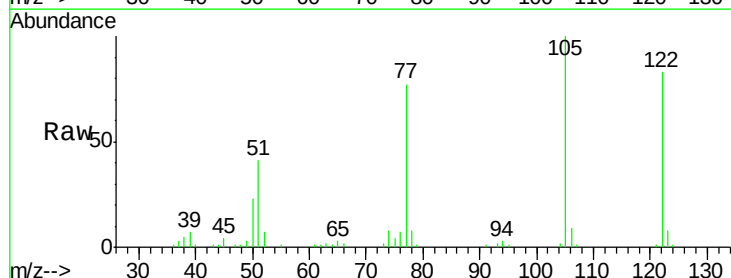
Tgt Ion:122 Resp: 145803

Ion Ratio Lower Upper

122 100

105 120.3 107.2 147.2

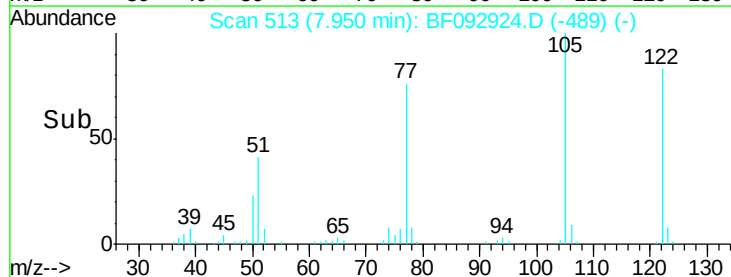
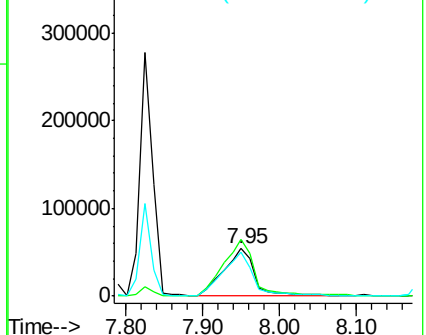
77 92.3 74.5 114.5

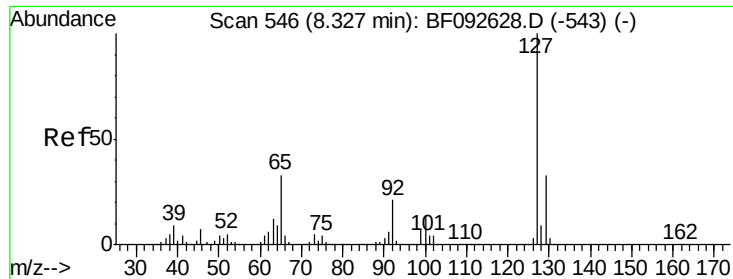


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

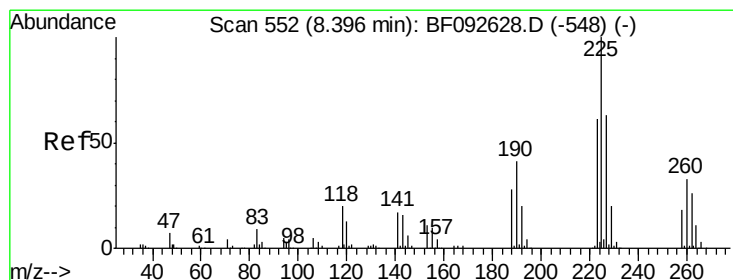
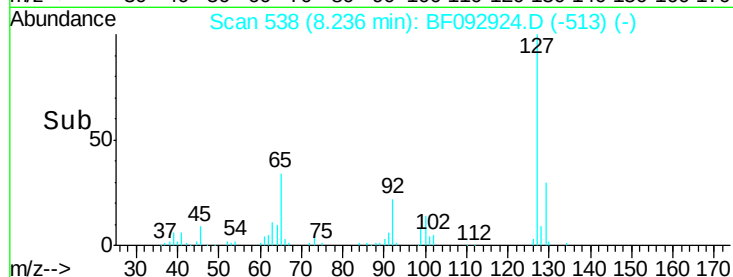
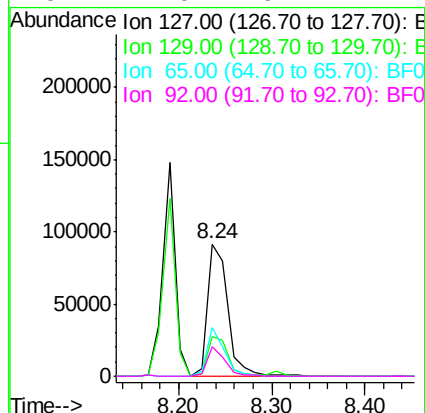
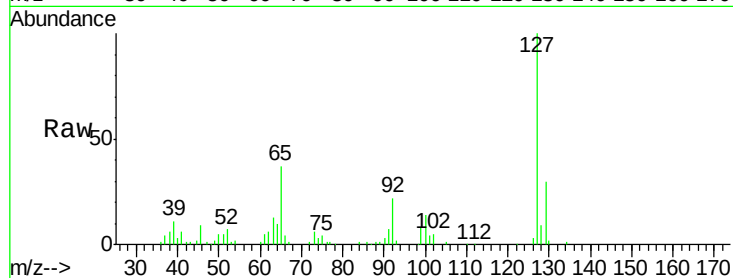




#33
 4-Chloroaniline
 Concen: 12.46 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

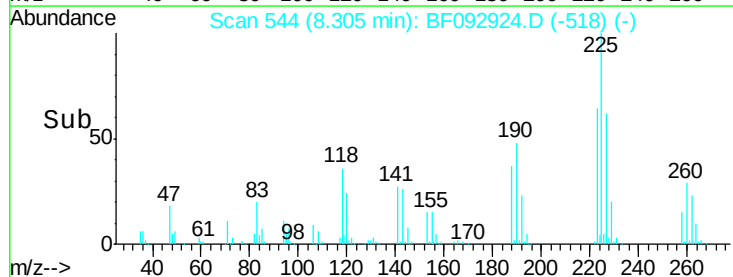
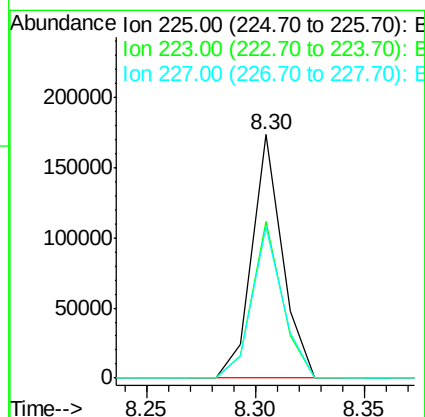
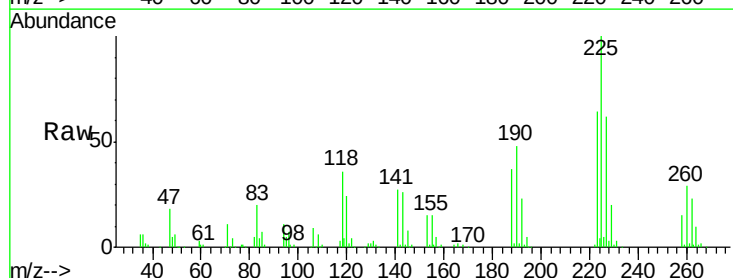
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

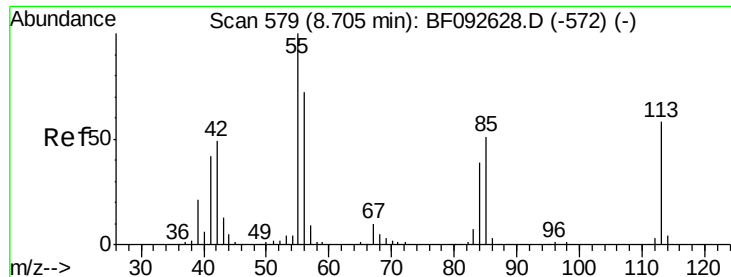
Tgt Ion:	127	Resp:	138961
Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.3	39.5
65	36.7	25.8	38.8
92	22.0	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 35.32 ng
 RT: 8.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:	225	Resp:	168677
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	62.0	50.6	76.0

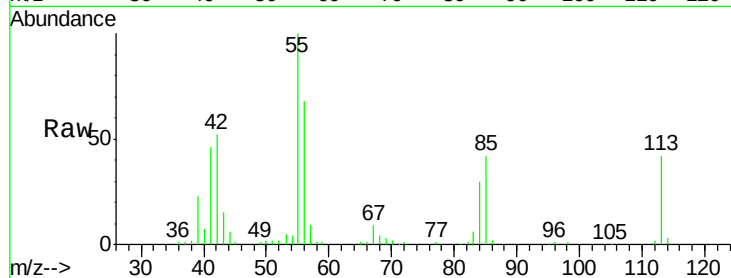




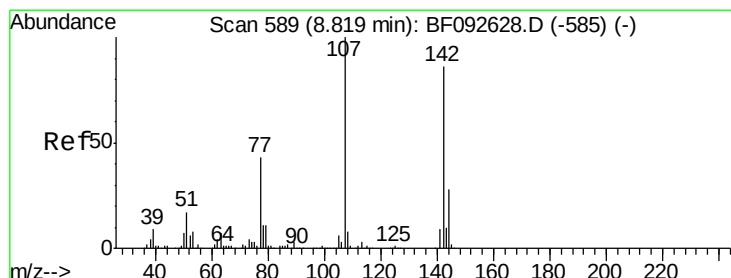
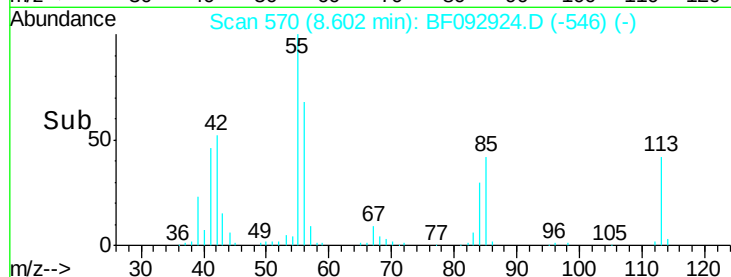
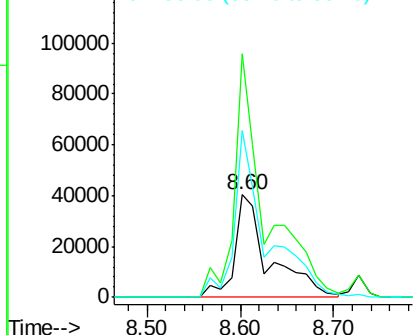
#35
 Caprolactam
 Concen: 41.44 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion:113 Resp: 104991
 Ion Ratio Lower Upper
 113 100
 55 237.8 119.2 159.2#
 56 162.8 83.8 123.8#

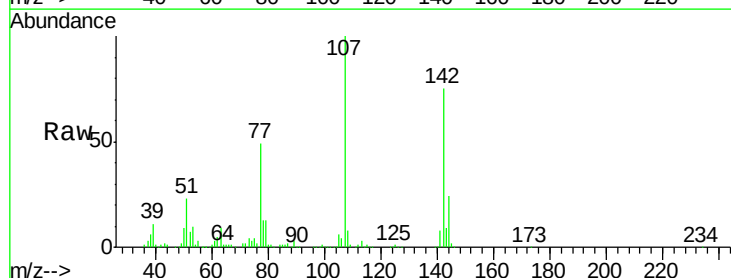


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

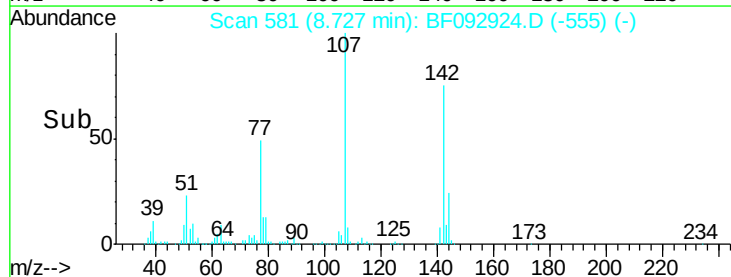
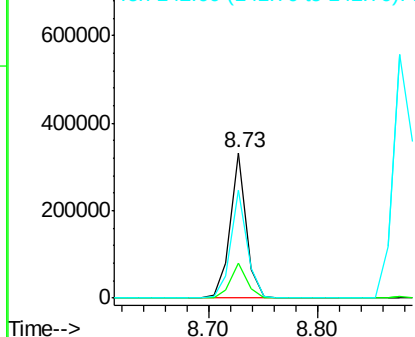


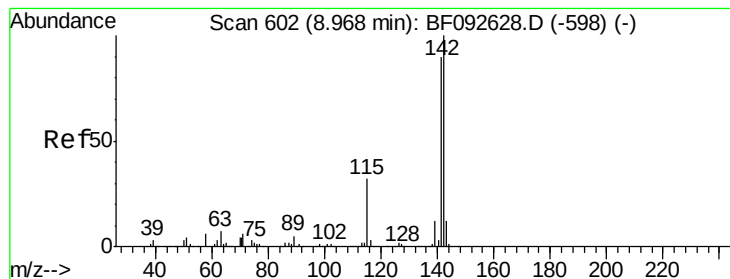
#36
 4-Chloro-3-methylphenol
 Concen: 40.29 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:107 Resp: 338367
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.5 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.97 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

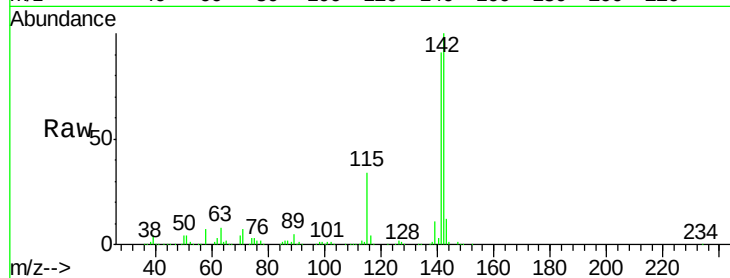
Tgt Ion:142 Resp: 711607

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

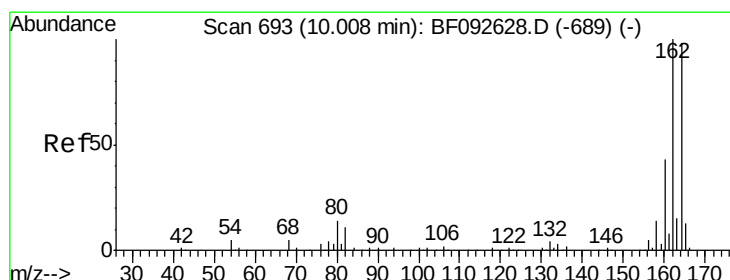
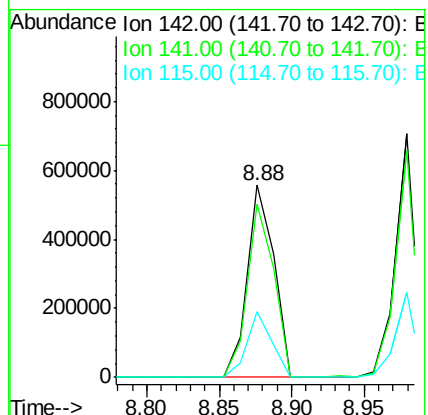
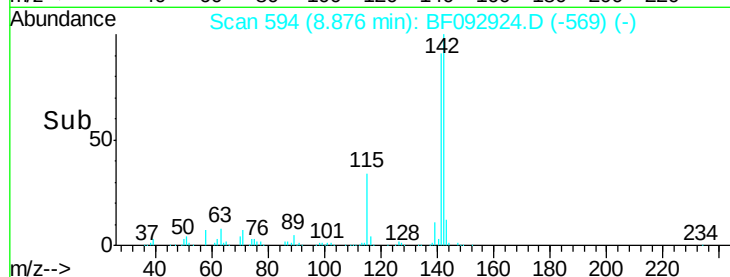
115 34.1 28.3 42.5



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: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

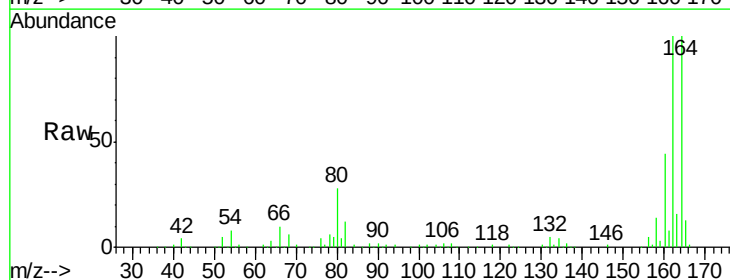
Tgt Ion:164 Resp: 305451

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

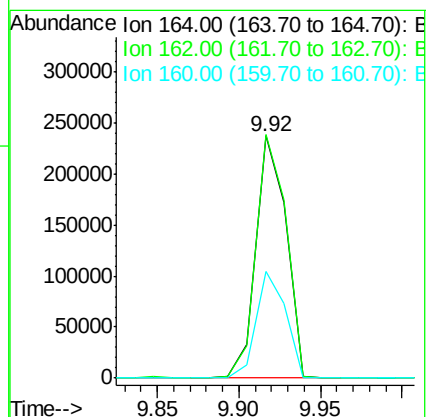
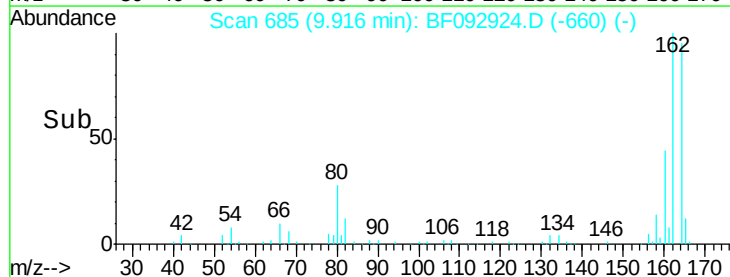
160 44.1 36.9 55.3

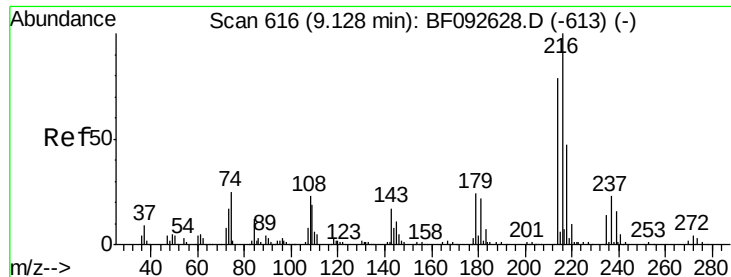


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

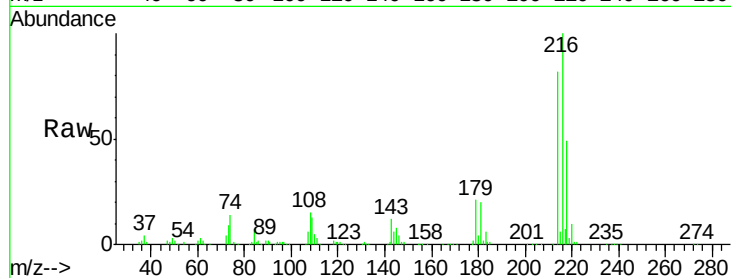




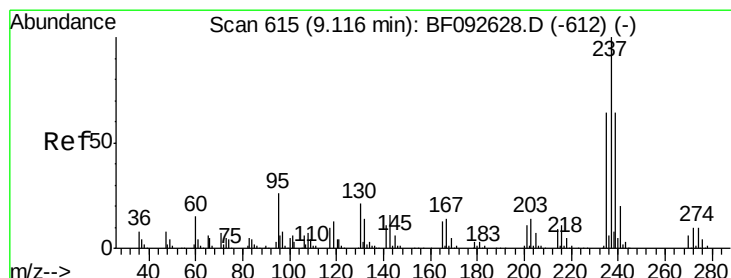
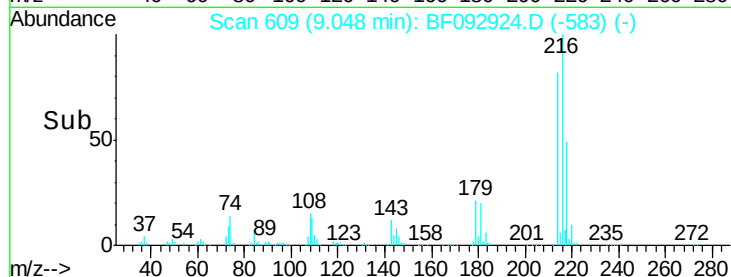
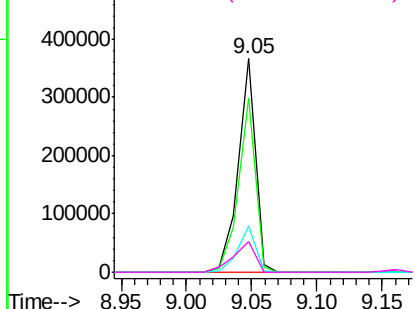
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.02 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96881BSD

Tgt Ion:	216	Resp:	334603
Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.4	95.0
179	22.3	17.4	26.2
108	18.6	15.6	23.4

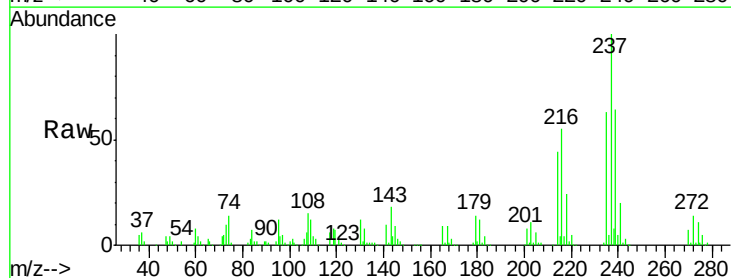


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

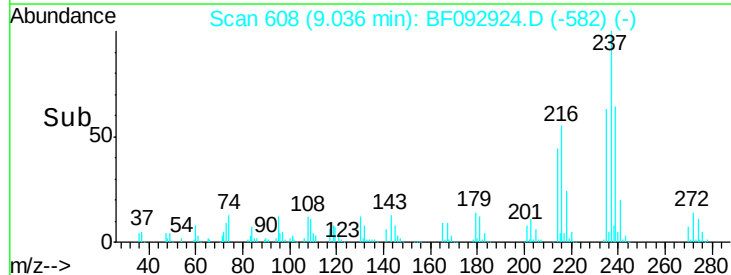
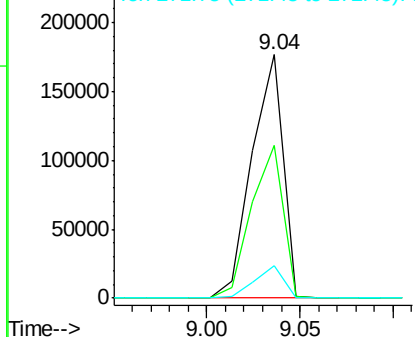


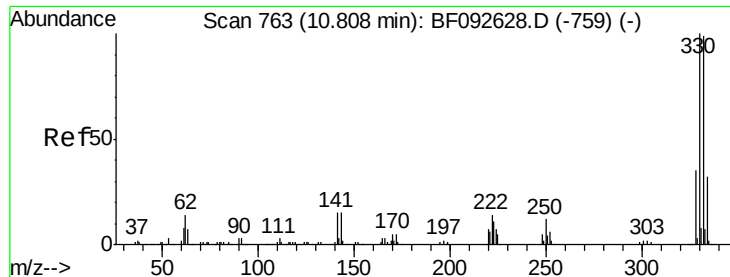
#40
Hexachlorocyclopentadiene
Concen: 52.94 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:	237	Resp:	204783
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	13.5	0.0	35.4



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

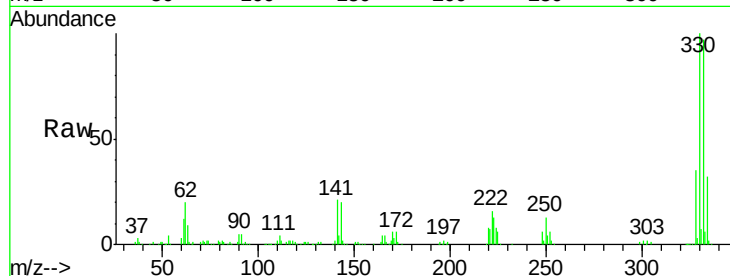




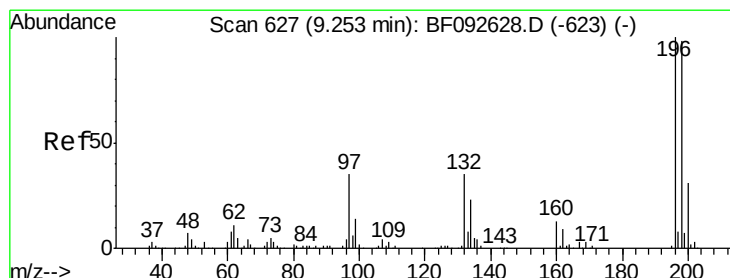
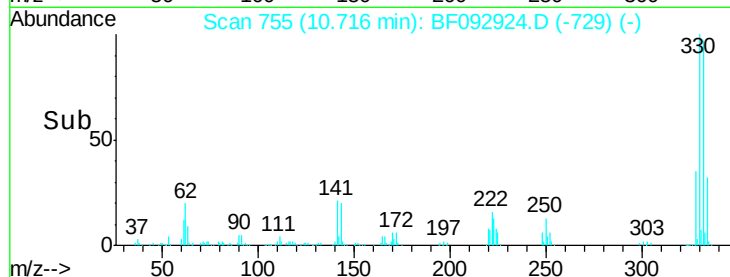
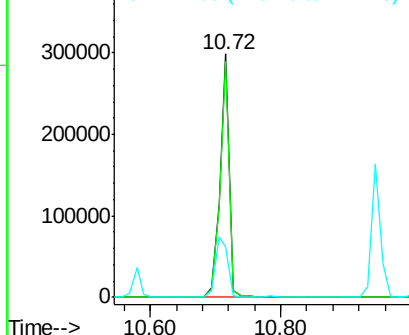
#41
 2,4,6-Tribromophenol
 Concen: 137.35 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	33.7	34.1	51.1#

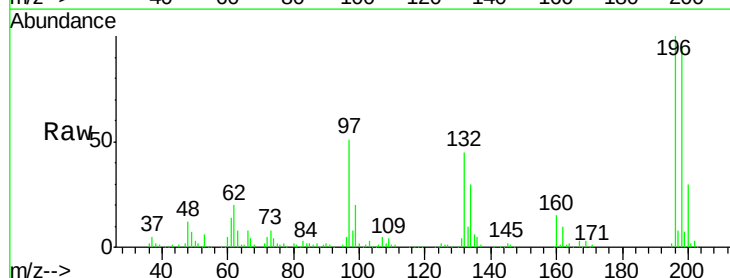


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

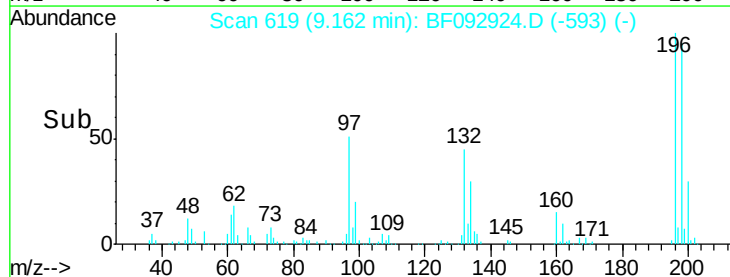
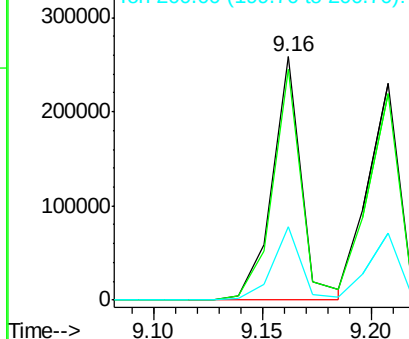


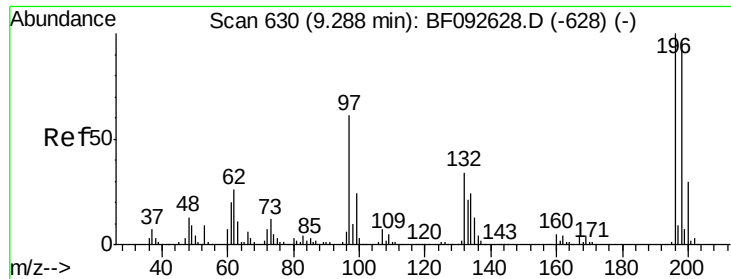
#42
 2,4,6-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	82.1	123.1
200	29.9	27.0	40.4



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

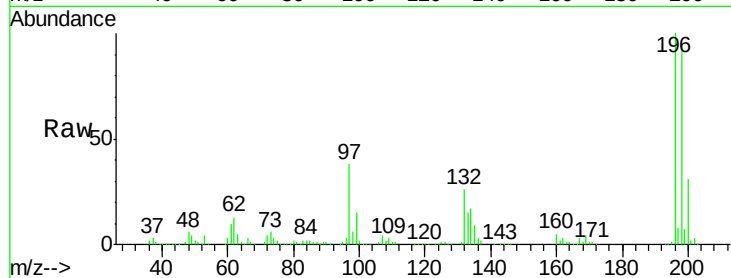




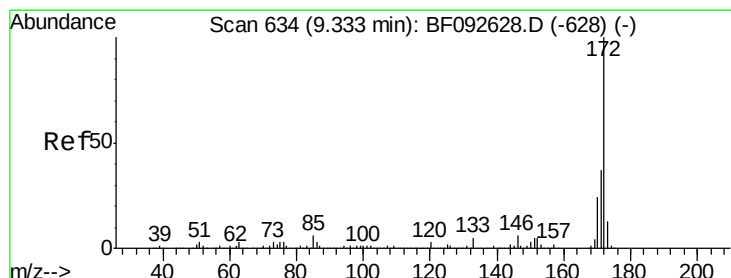
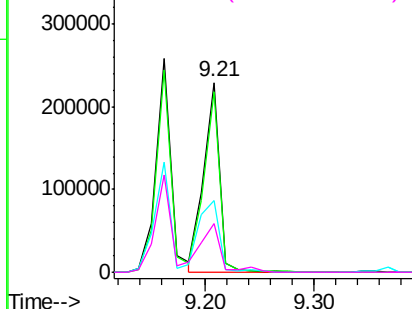
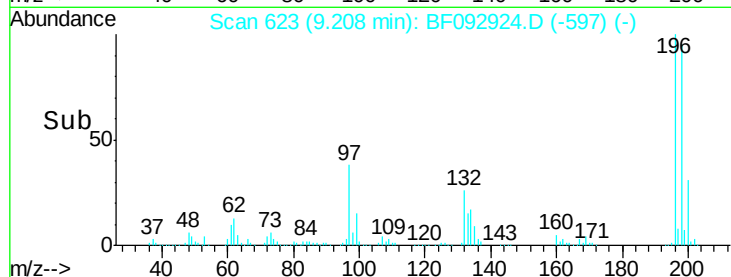
#43
 2,4,5-Trichlorophenol
 Concen: 37.95 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	79.4	119.2
97	37.6	51.5	77.3#
132	25.6	27.4	41.2#

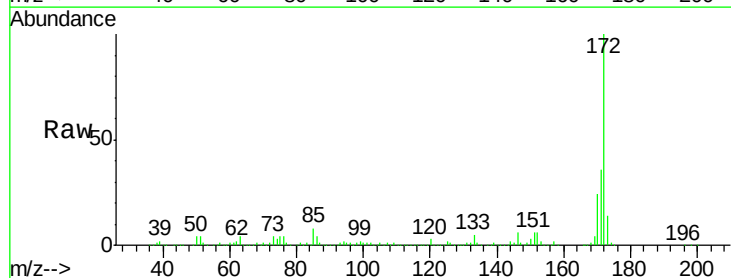


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

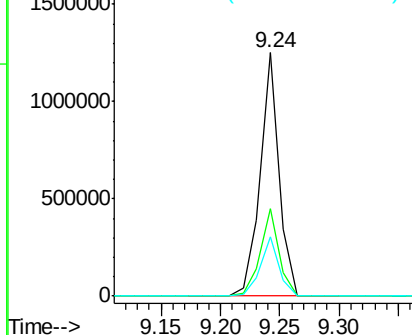
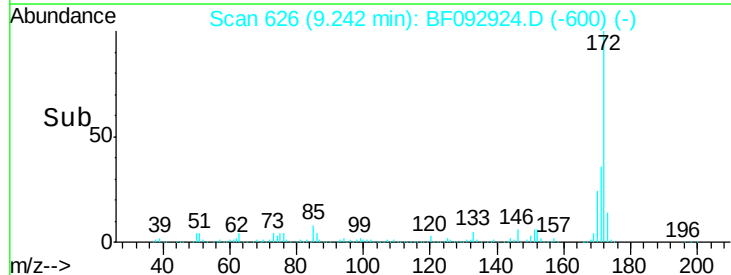


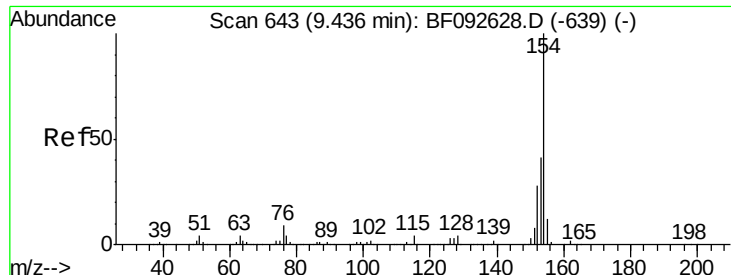
#44
 2-Fluorobiphenyl
 Concen: 82.66 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

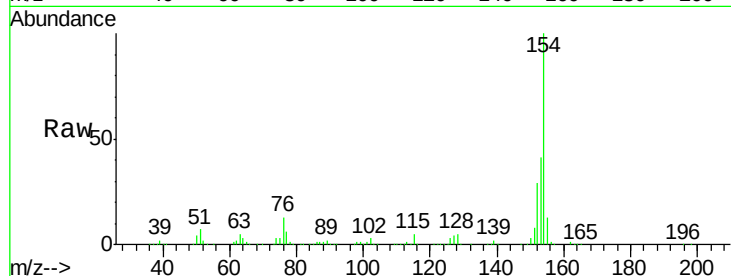




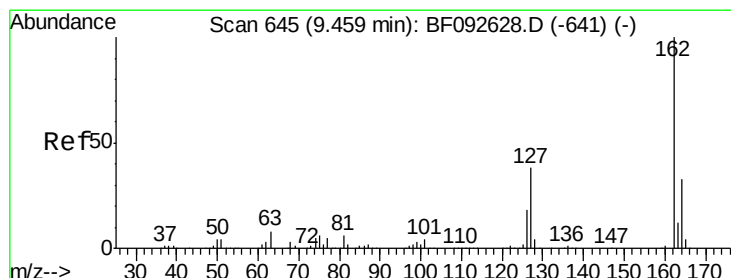
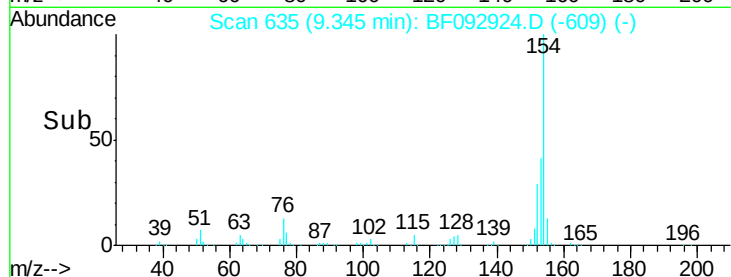
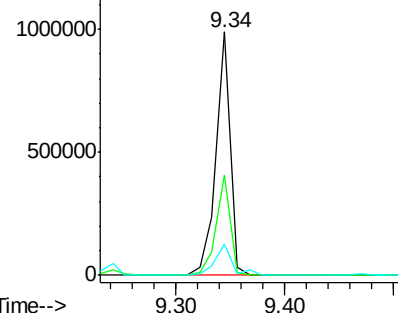
#45
 1,1'-Biphenyl
 Concen: 40.05 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion:154 Resp: 885743
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 13.0 0.0 30.5

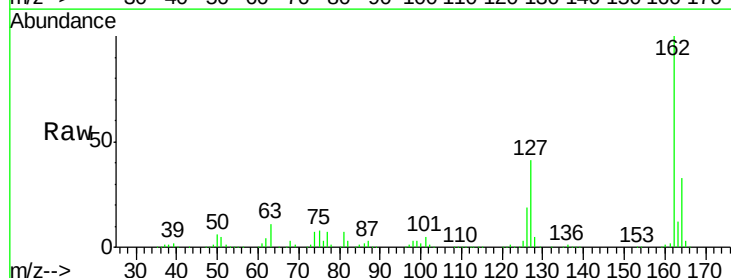


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

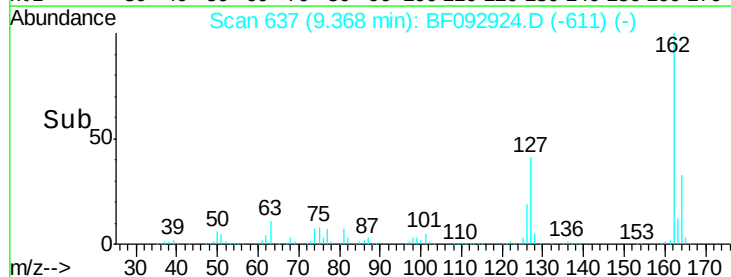
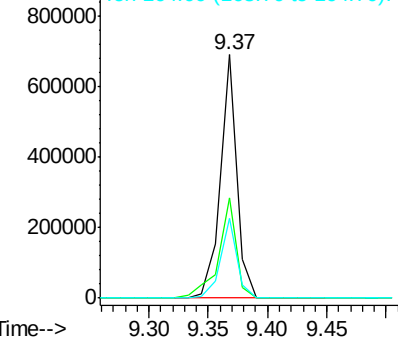


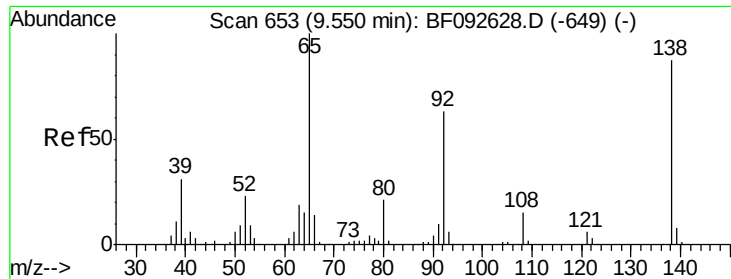
#46
 2-Chloronaphthalene
 Concen: 38.32 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:162 Resp: 662952
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.7 46.1
 164 32.8 27.6 41.4



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

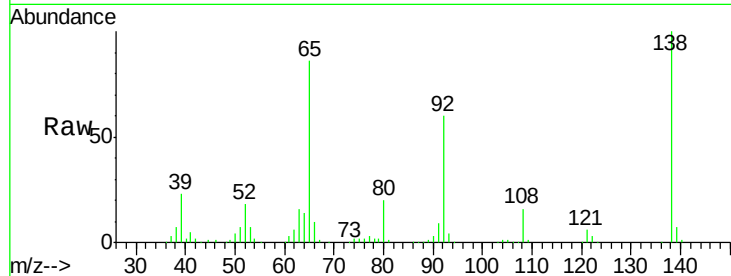




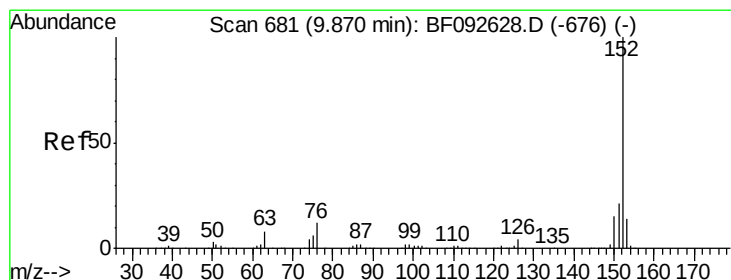
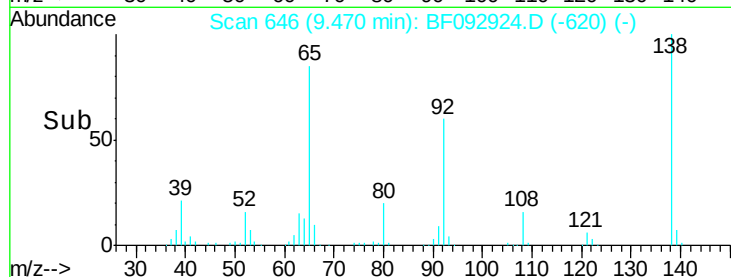
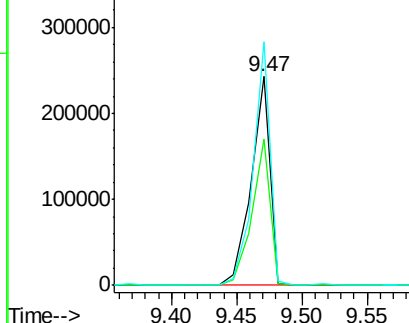
#47
 2-Nitroaniline
 Concen: 41.79 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion: 65 Resp: 243104
 Ion Ratio Lower Upper
 65 100
 92 70.3 53.9 80.9
 138 116.8 76.8 115.2#

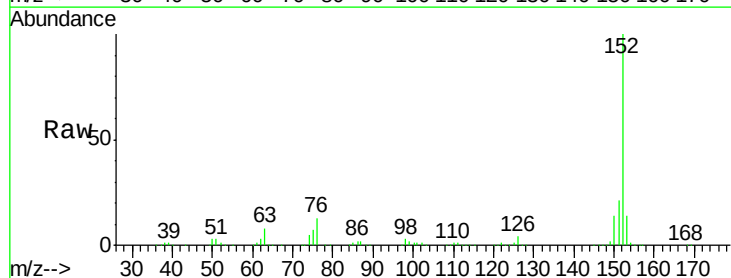


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

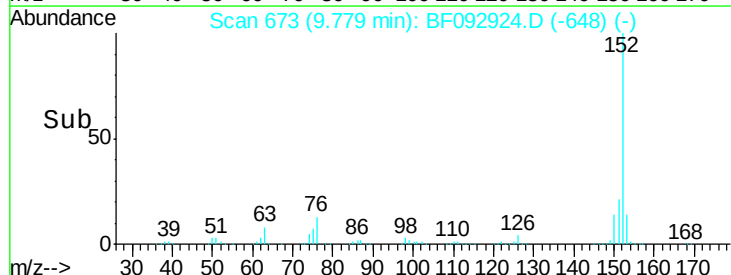
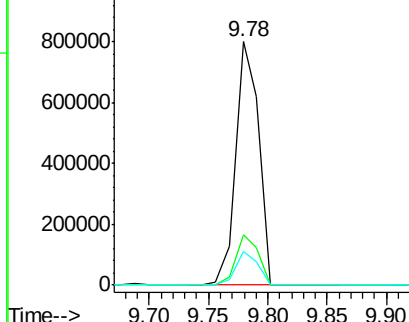


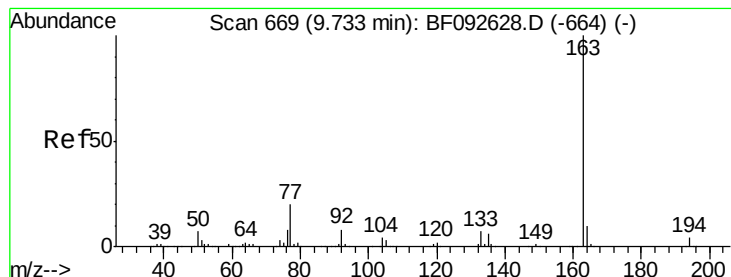
#48
 Acenaphthylene
 Concen: 35.85 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion: 152 Resp: 1071658
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.9 25.3
 153 13.7 11.4 17.2



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





#49

Dimethylphthalate

Concen: 38.46 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

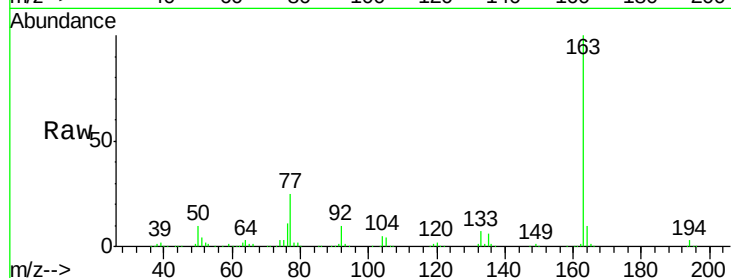
Tgt Ion:163 Resp: 791222

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

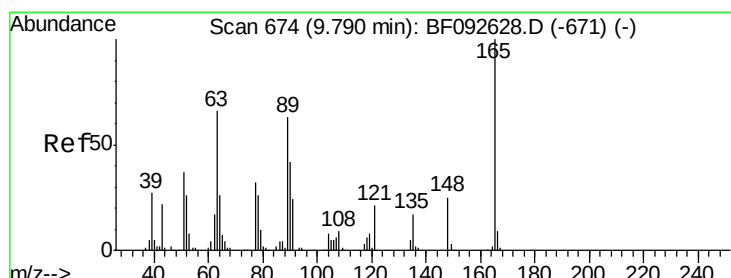
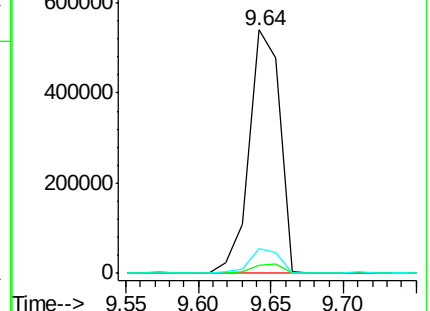
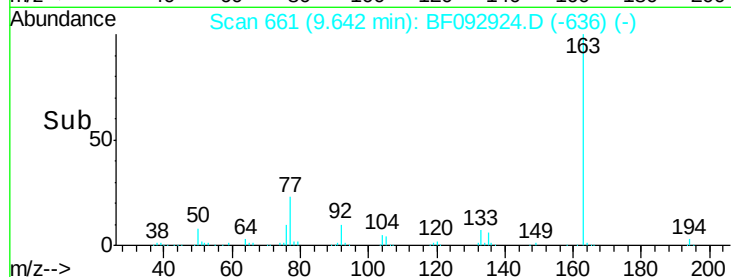
164 10.4 8.0 12.0



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: 42.28 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

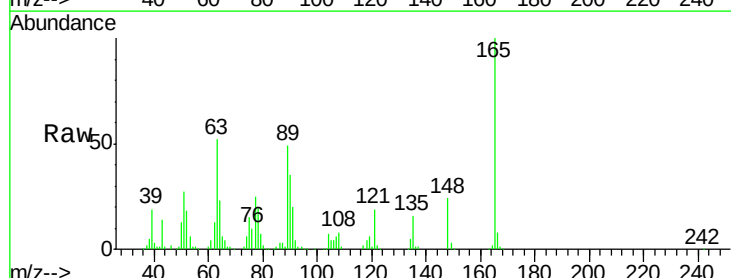
Tgt Ion:165 Resp: 187875

Ion Ratio Lower Upper

165 100

63 52.1 36.2 54.4

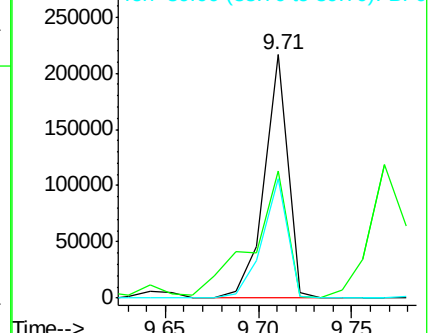
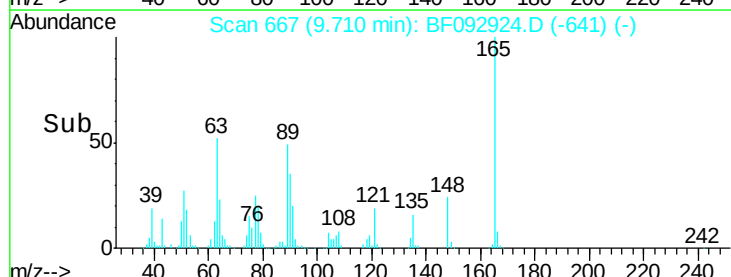
89 49.3 40.2 60.4

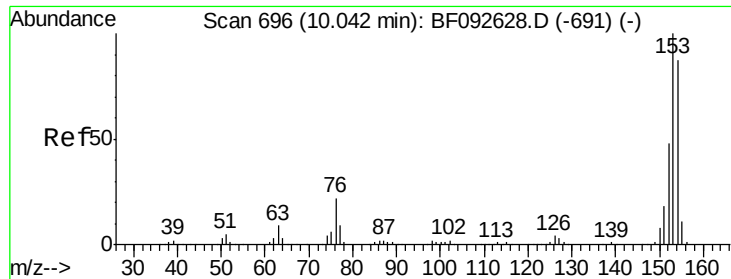


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

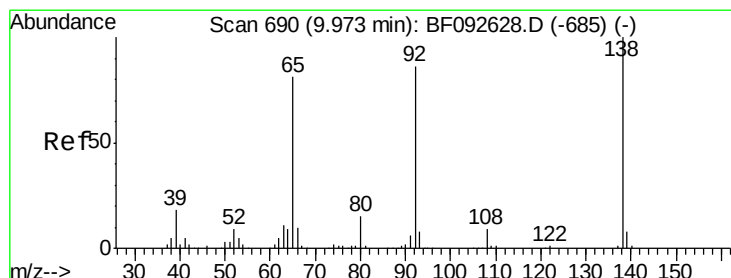
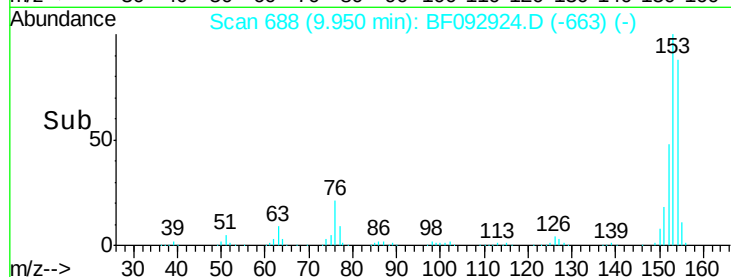
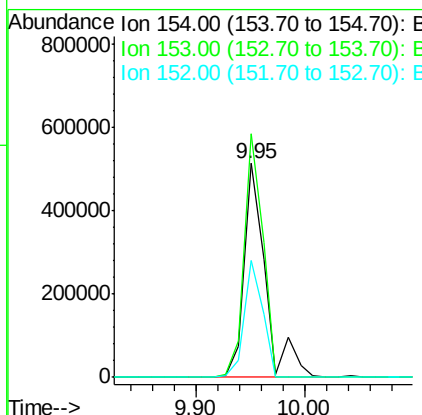
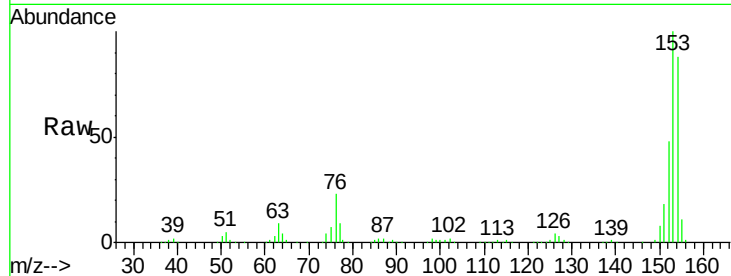




#51
Acenaphthene
Concen: 39.09 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

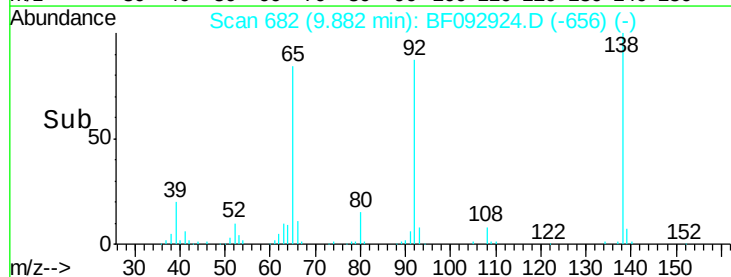
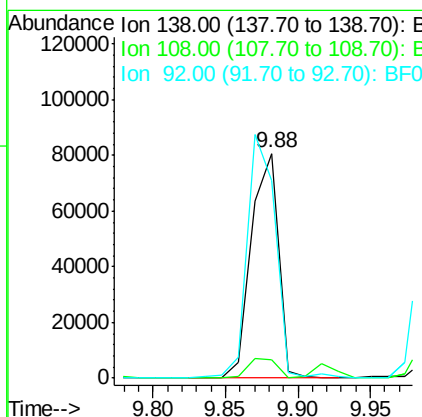
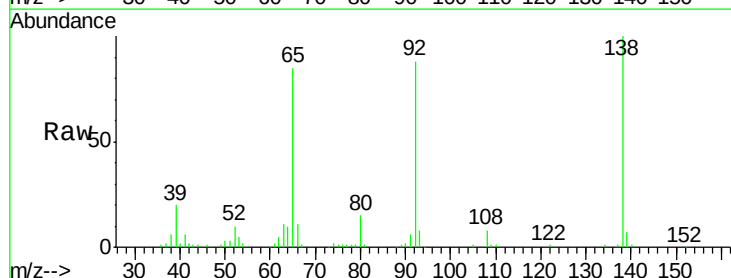
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

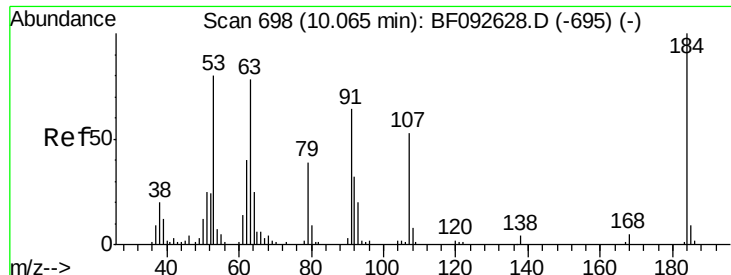
Tgt Ion:154 Resp: 698525
Ion Ratio Lower Upper
154 100
153 113.7 88.6 133.0
152 54.5 41.6 62.4



#52
3-Nitroaniline
Concen: 20.78 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:138 Resp: 105639
Ion Ratio Lower Upper
138 100
108 8.4 8.5 12.7#
92 87.6 97.8 146.8#

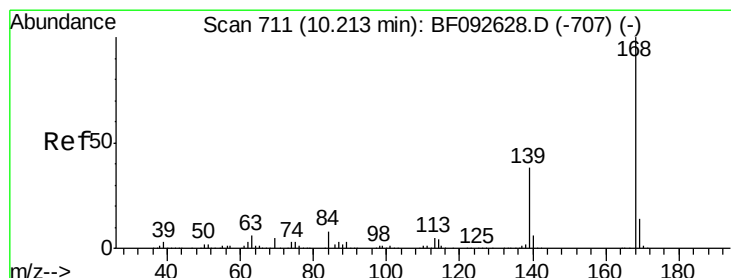
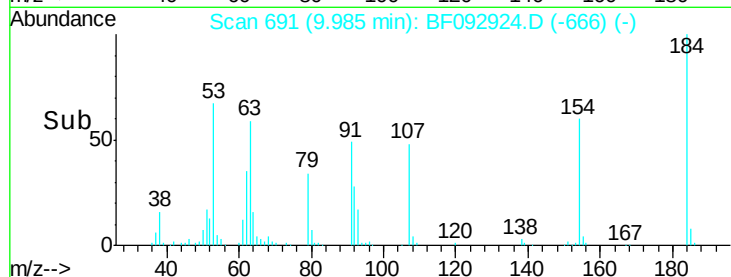
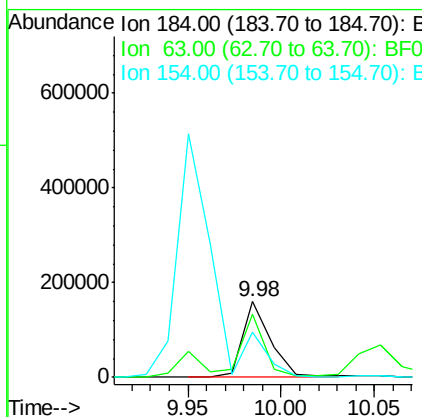
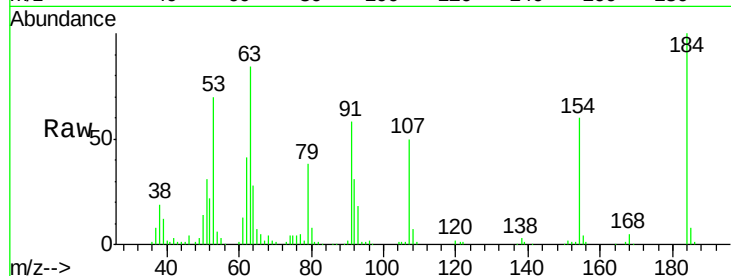




#53
 2,4-Dinitrophenol
 Concen: 74.50 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

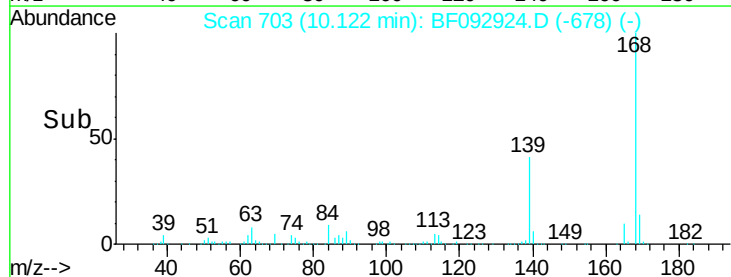
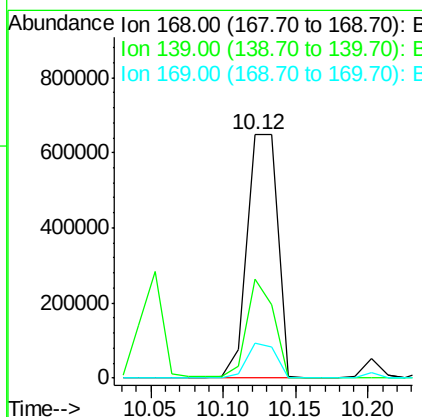
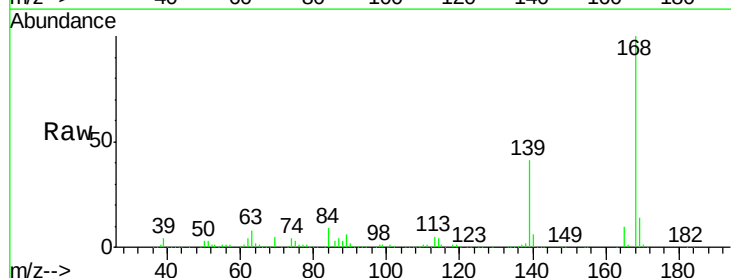
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

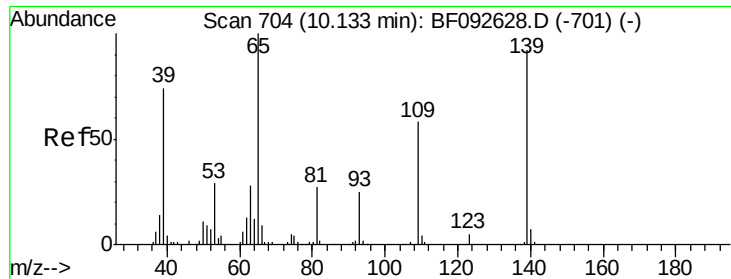
Tgt Ion:184 Resp: 167602
 Ion Ratio Lower Upper
 184 100
 63 84.0 28.4 42.6#
 154 60.0 44.3 66.5



#54
 Dibenzofuran
 Concen: 39.64 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:168 Resp: 947410
 Ion Ratio Lower Upper
 168 100
 139 40.6 32.6 49.0
 169 14.4 11.3 16.9

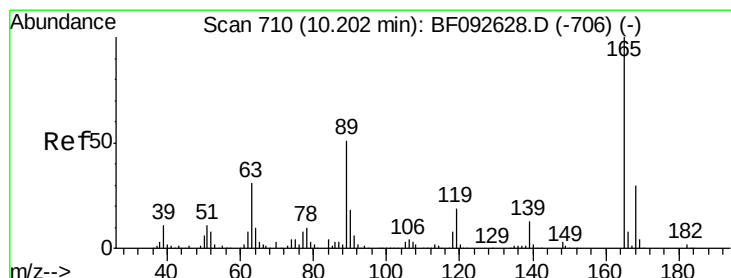
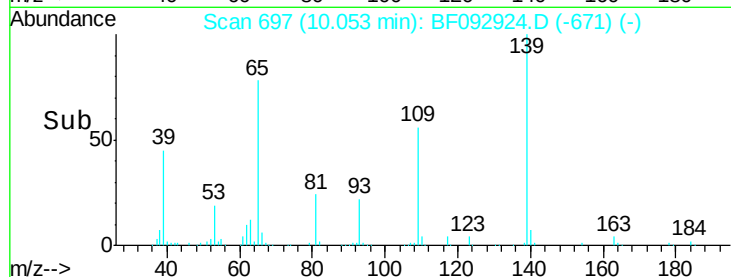
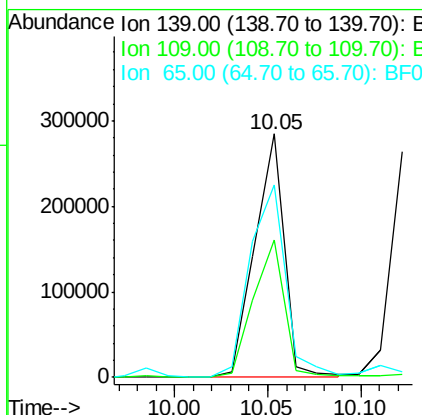
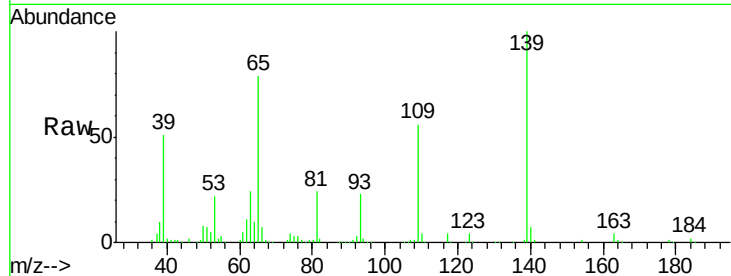




#55
 4-Nitrophenol
 Concen: 84.80 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

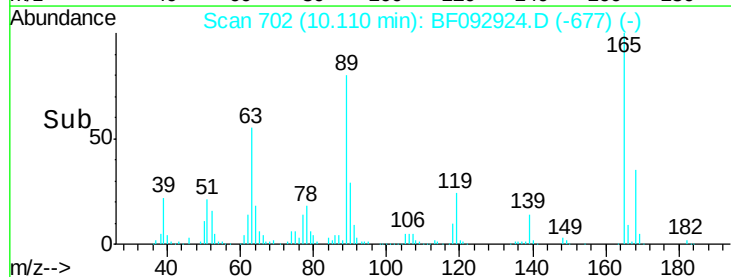
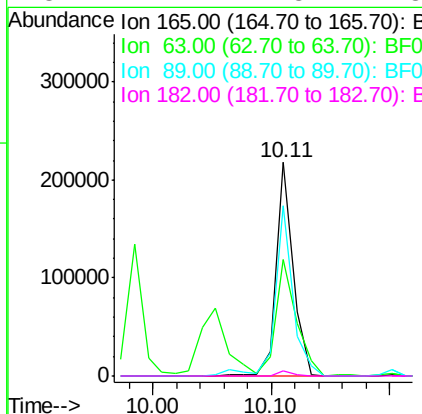
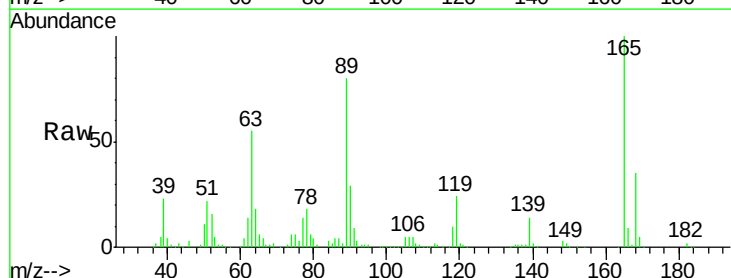
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

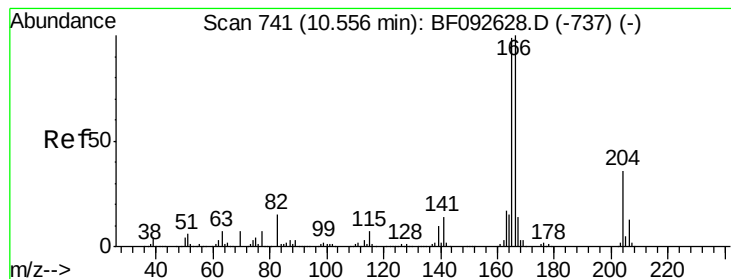
Tgt Ion:139 Resp: 310569
 Ion Ratio Lower Upper
 139 100
 109 56.3 52.2 92.2
 65 78.8 85.8 125.8#



#56
 2,4-Dinitrotoluene
 Concen: 36.43 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:165 Resp: 215519
 Ion Ratio Lower Upper
 165 100
 63 54.8 40.2 60.4
 89 79.8 62.5 93.7
 182 2.2 1.8 2.8





#57

Fluorene

Concen: 36.80 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

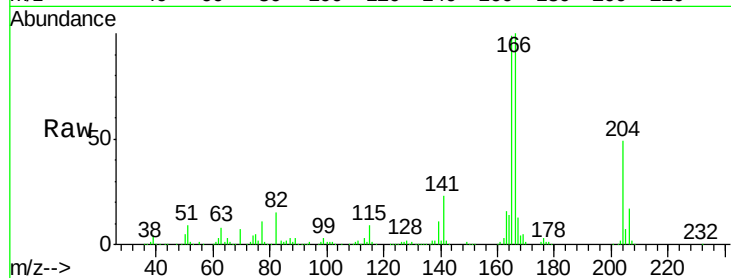
Tgt Ion:166 Resp: 676687

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

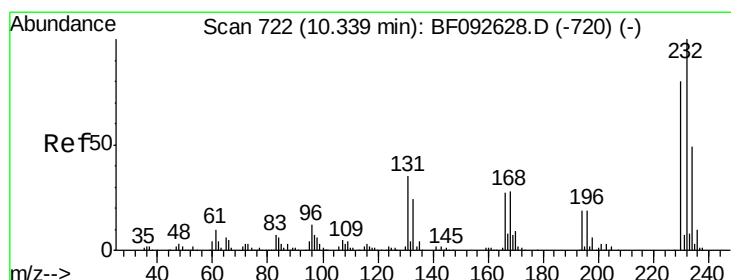
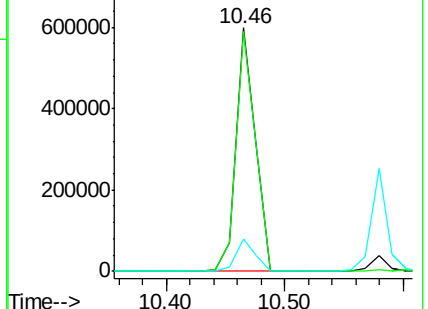
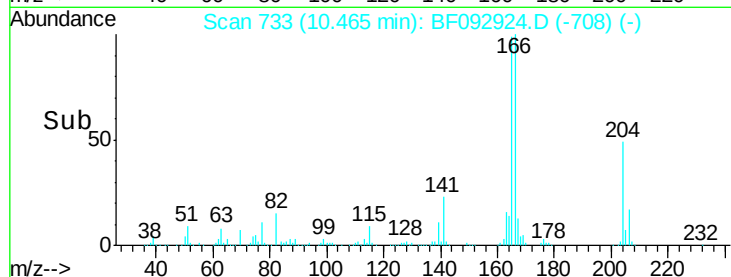
167 13.5 10.8 16.2



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: 46.19 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Tgt Ion:232 Resp: 190191

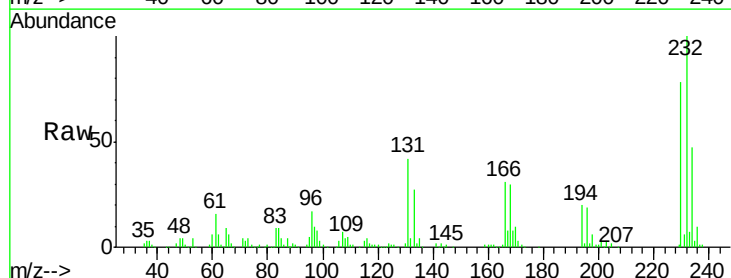
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.0 1.8 2.8

166 31.7 26.6 39.8

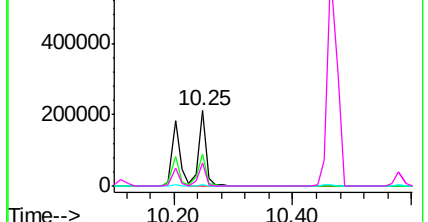
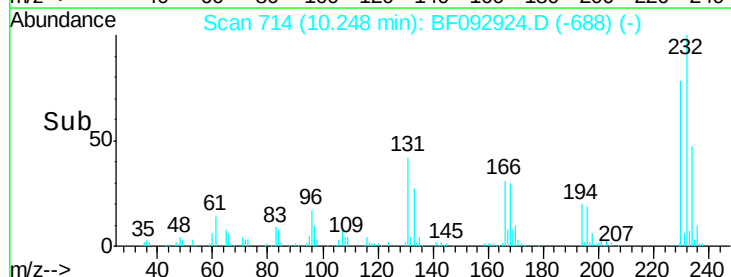


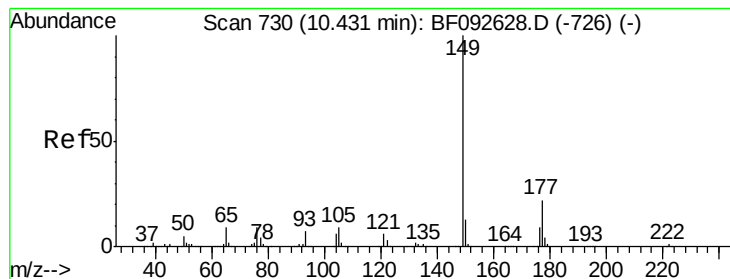
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.07 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

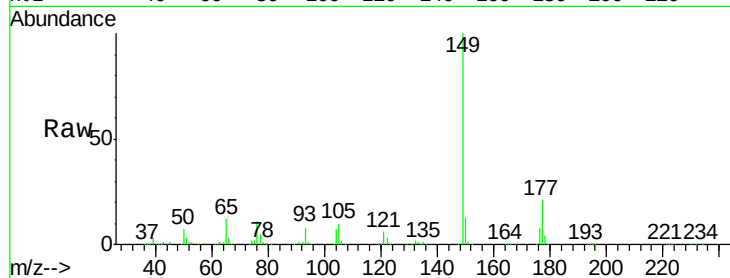
Tgt Ion:149 Resp: 738162

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

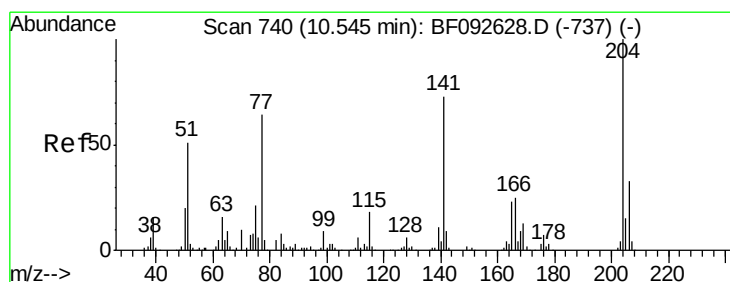
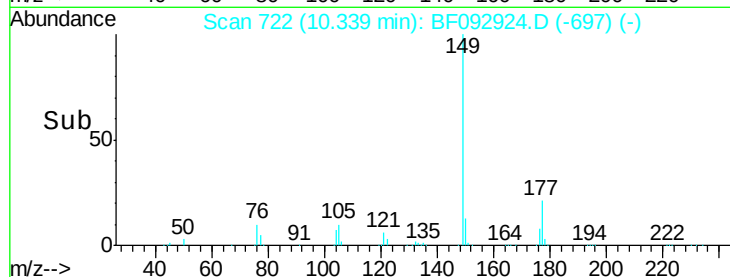
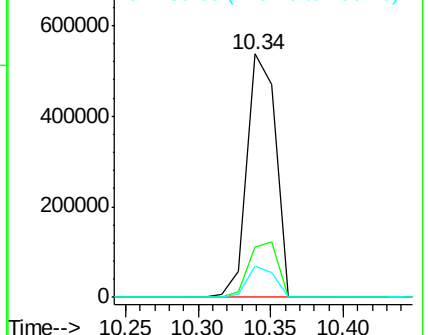
150 13.0 10.4 15.6



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: 37.96 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

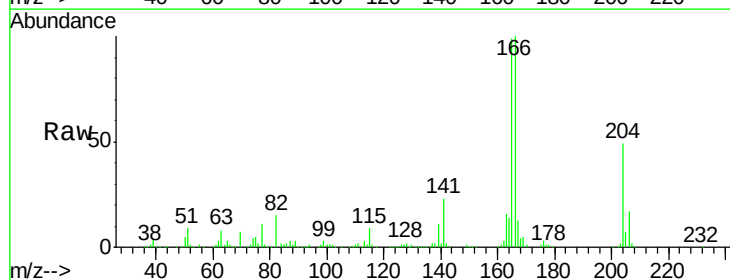
Tgt Ion:204 Resp: 335309

Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

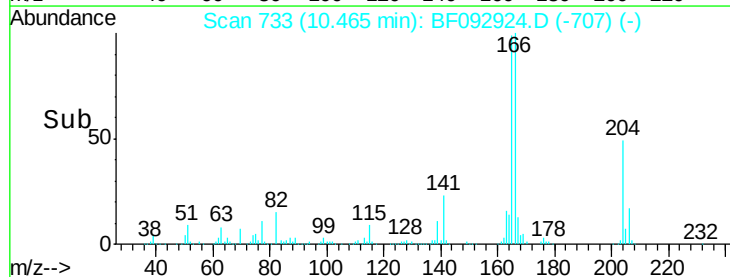
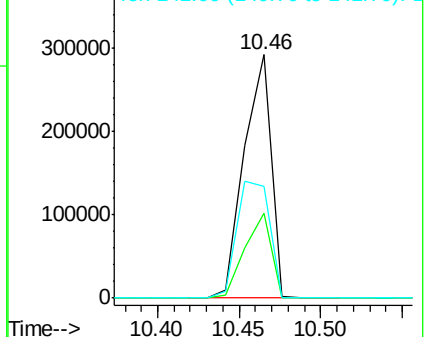
141 46.1 59.4 89.0#

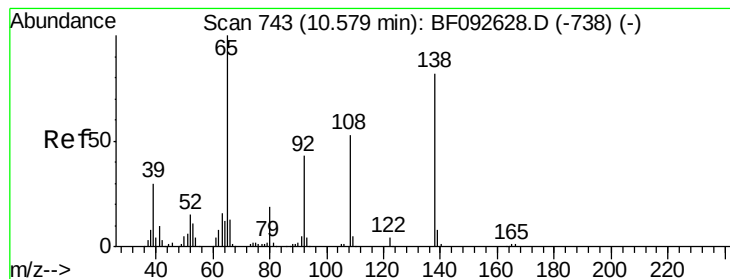


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.66 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

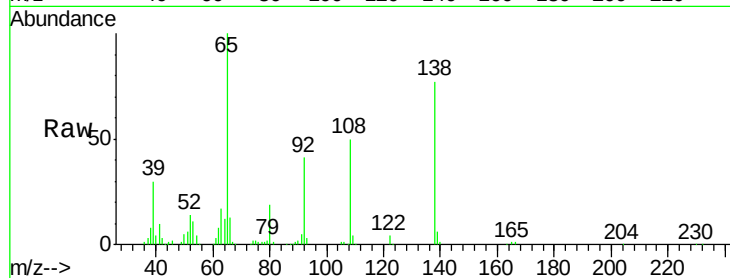
Tgt Ion:138 Resp: 190934

Ion Ratio Lower Upper

138 100

92 53.4 31.7 71.7

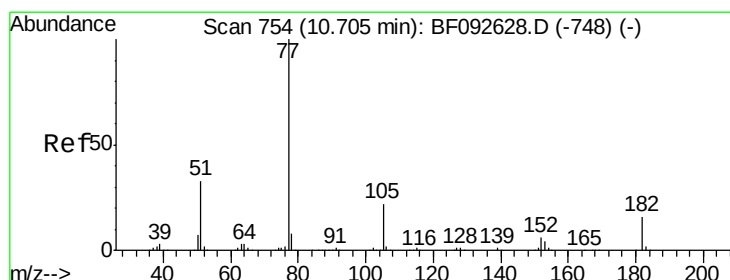
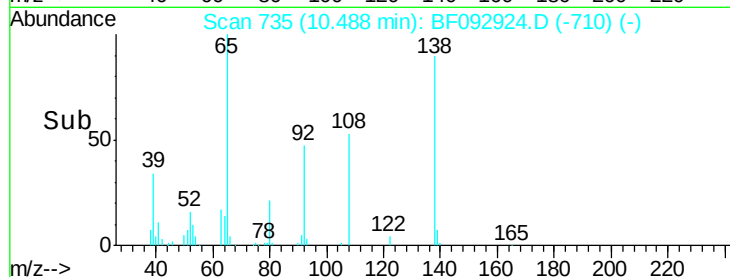
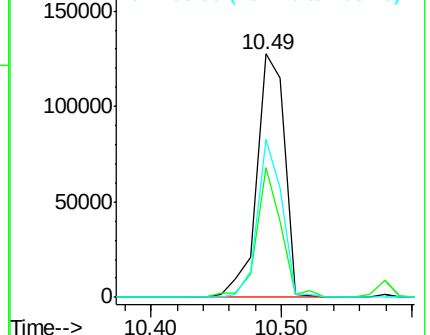
108 64.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.46 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Tgt Ion: 77 Resp: 870545

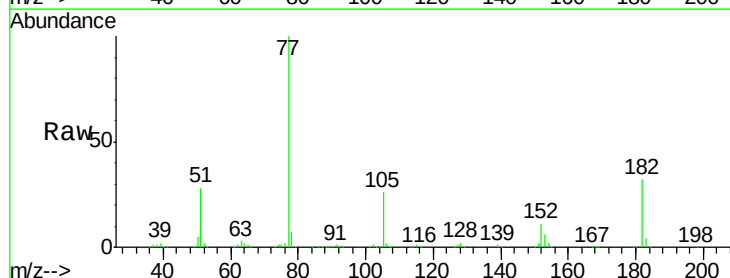
Ion Ratio Lower Upper

77 100

182 31.9 0.0 39.3

105 25.5 2.3 42.3

51 28.0 8.9 48.9

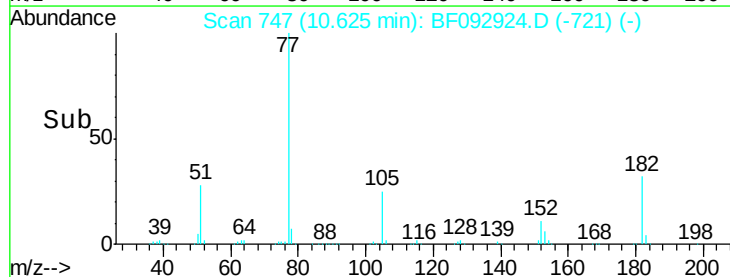
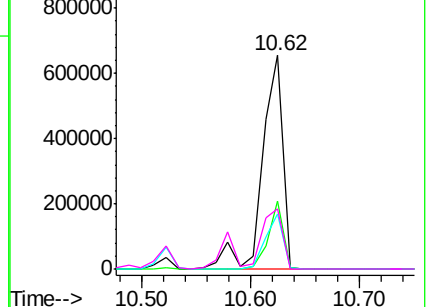


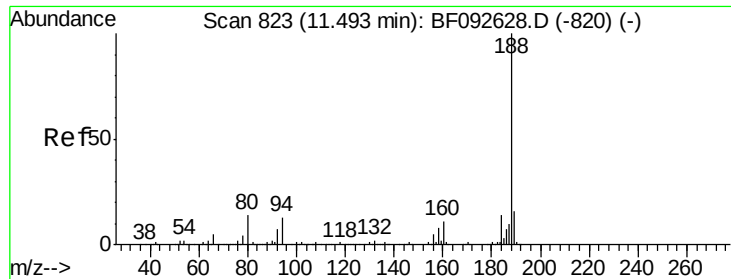
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

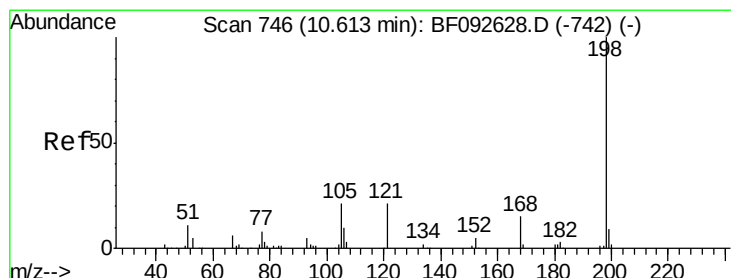
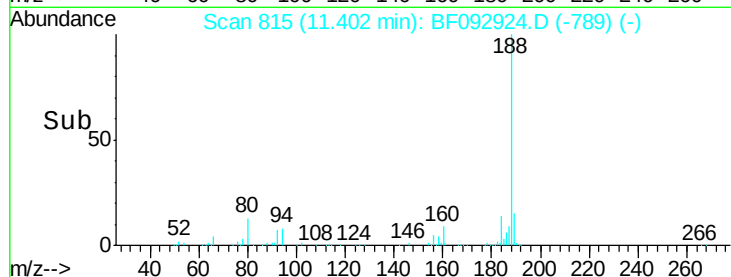
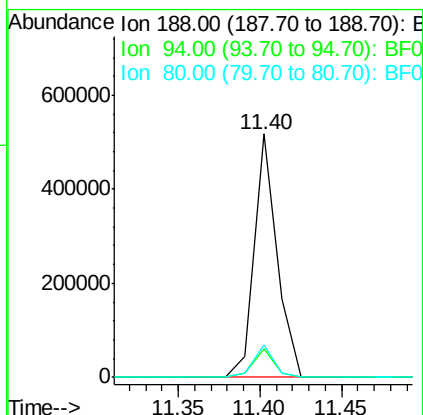
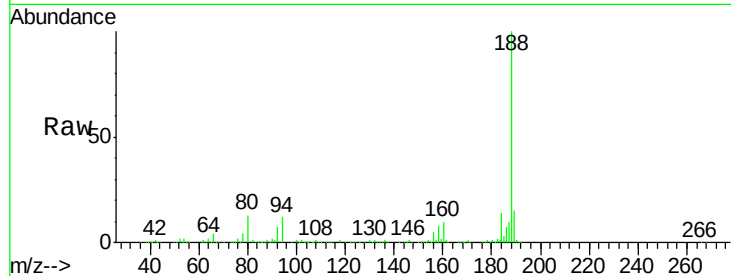




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

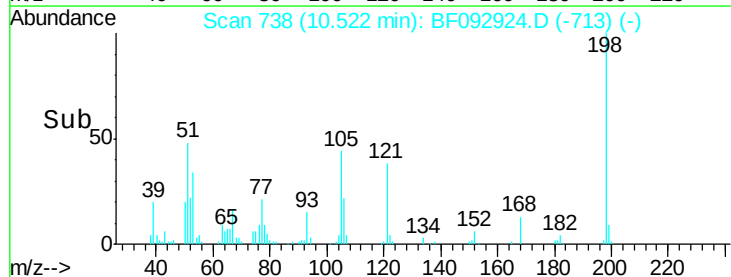
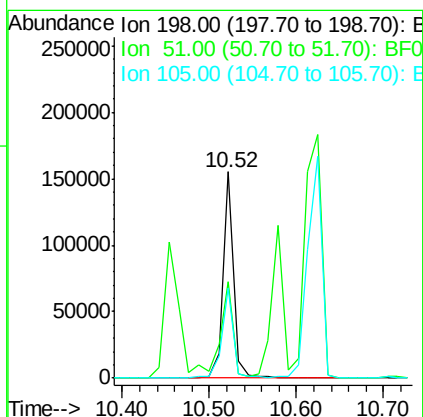
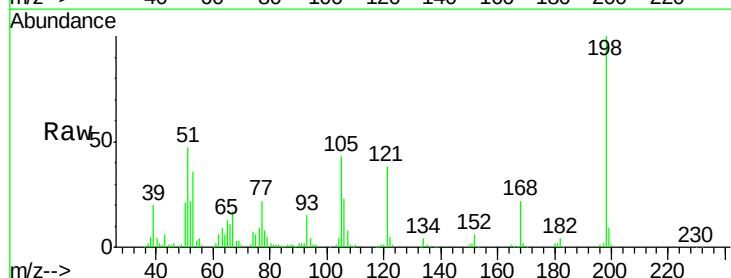
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

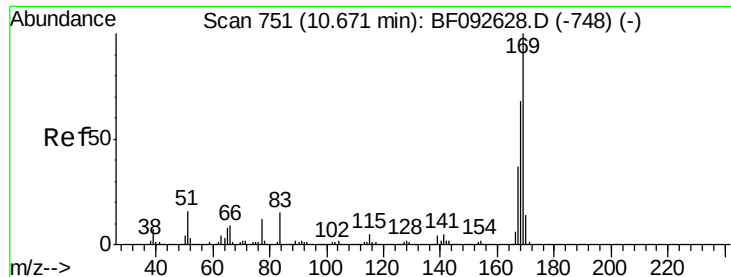
Tgt Ion:188 Resp: 503972
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.3 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.53 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:198 Resp: 132714
Ion Ratio Lower Upper
198 100
51 46.9 6.7 46.7#
105 43.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 37.75 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

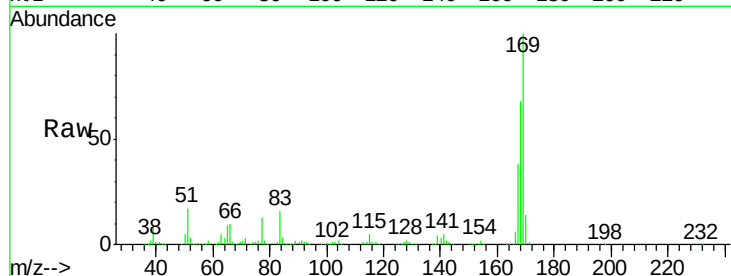
Tgt Ion:169 Resp: 607734

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

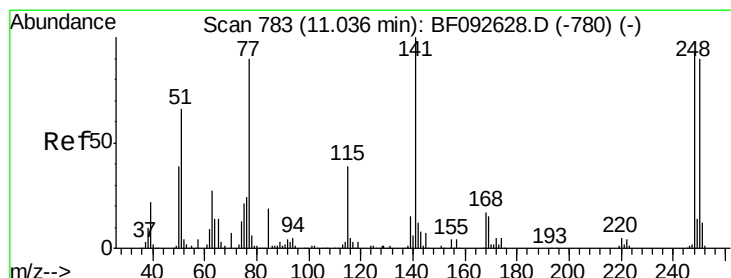
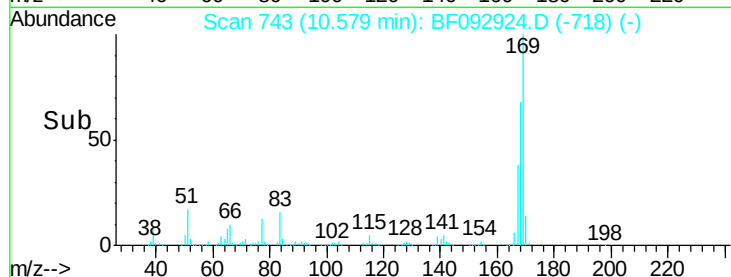
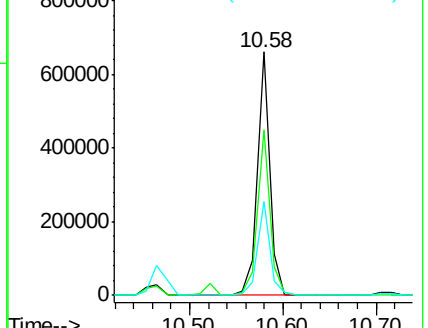
167 38.3 30.2 45.4



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: 36.52 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

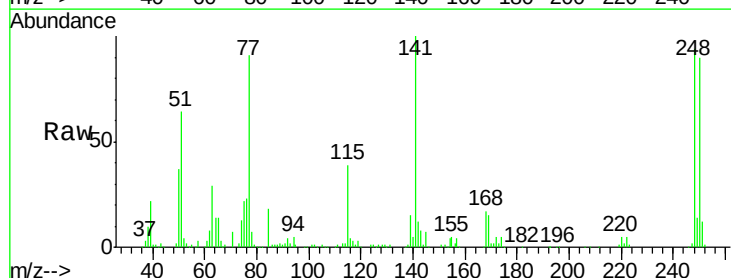
Tgt Ion:248 Resp: 192296

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

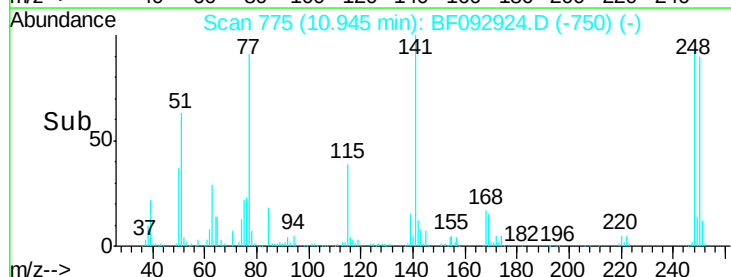
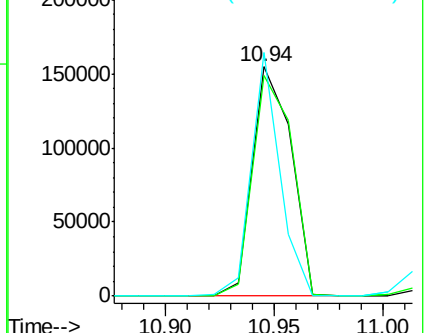
141 106.2 68.2 102.4#

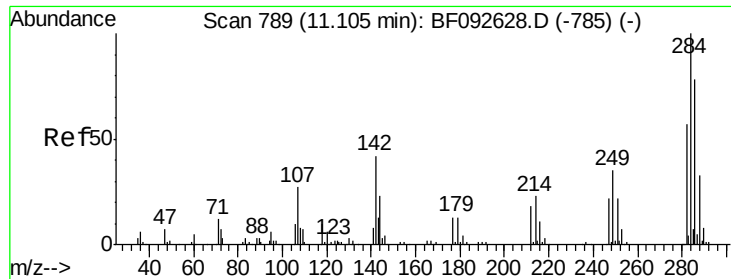


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.39 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

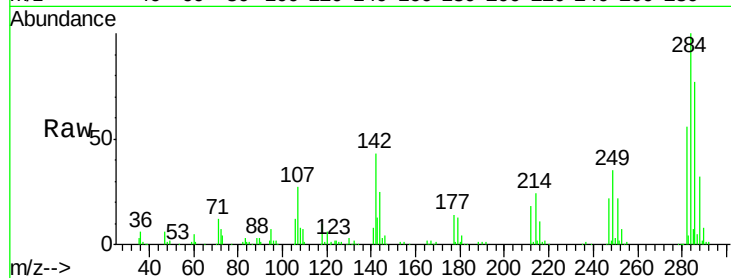
Tgt Ion:284 Resp: 189329

Ion Ratio Lower Upper

284 100

142 43.3 22.6 33.8#

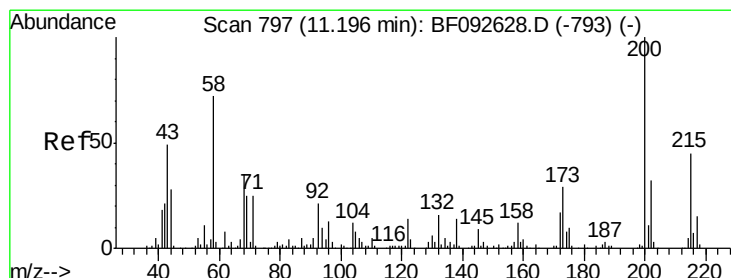
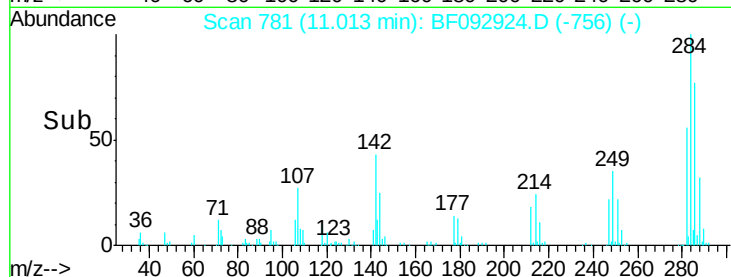
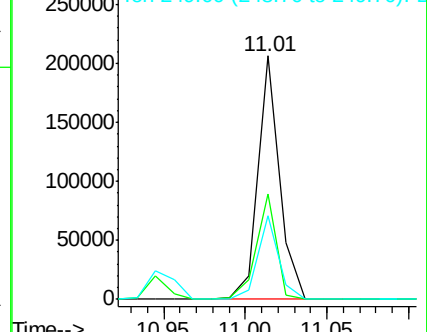
249 34.6 25.4 38.0



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: 34.49 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

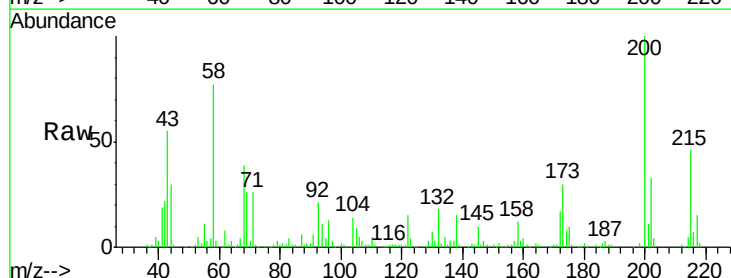
Tgt Ion:200 Resp: 178212

Ion Ratio Lower Upper

200 100

173 30.0 9.6 49.6

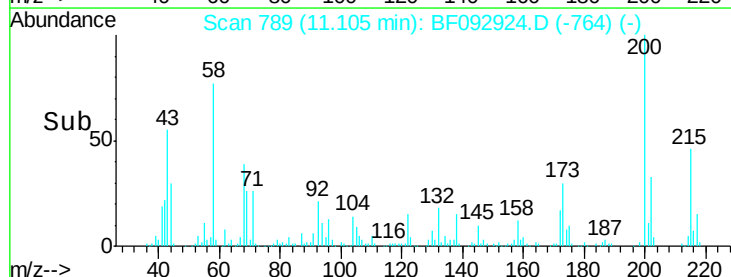
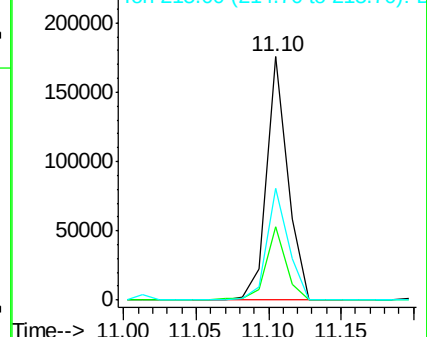
215 45.9 25.7 65.7

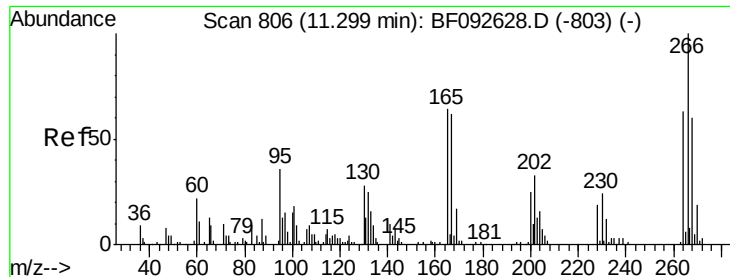


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

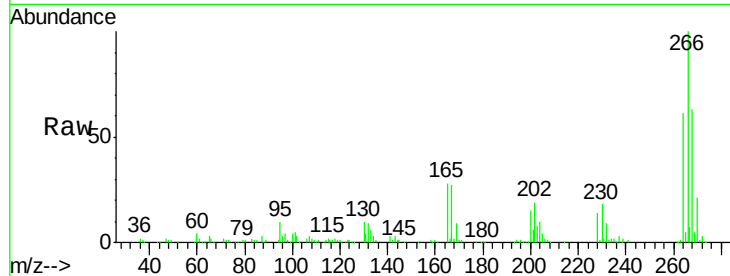




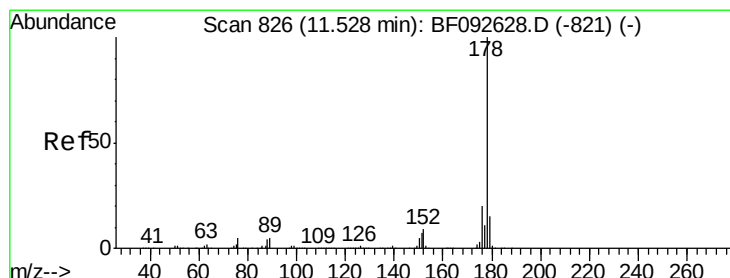
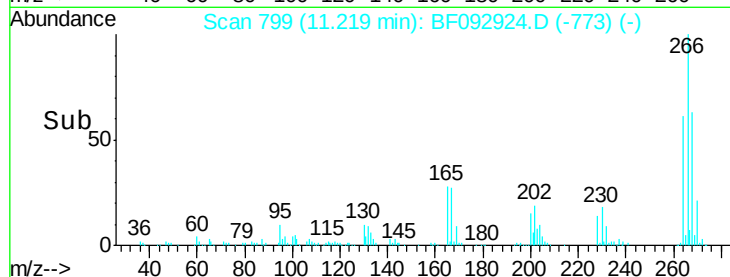
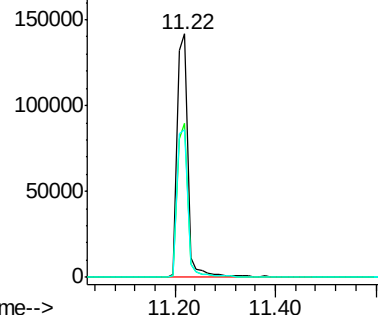
#69
 Pentachlorophenol
 Concen: 79.56 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion: 266 Resp: 213574
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.3 79.9
 264 60.5 50.3 75.5

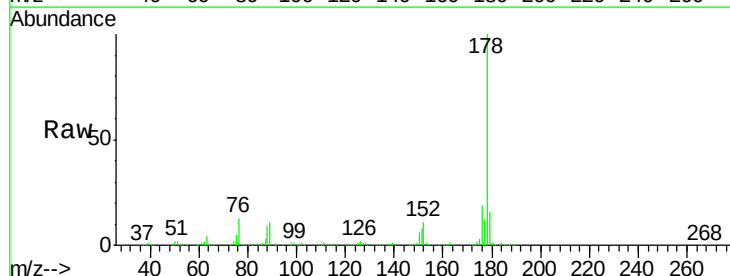


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

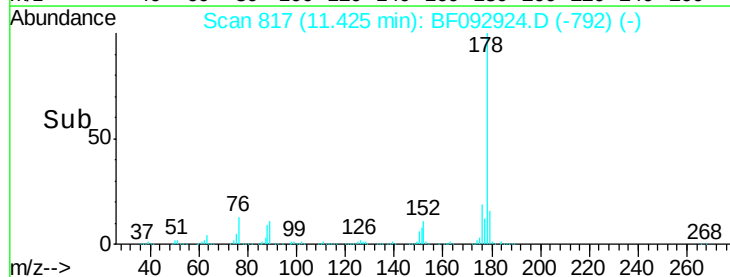
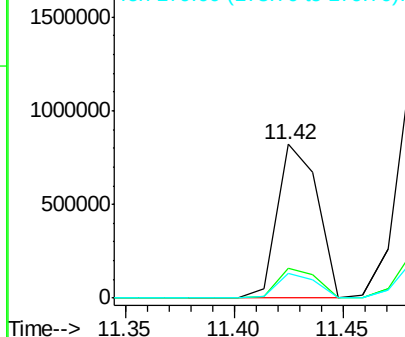


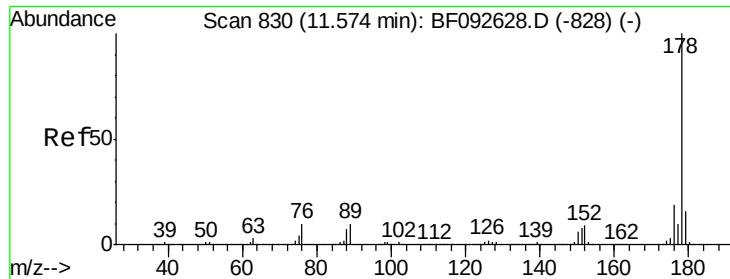
#70
 Phenanthrene
 Concen: 36.70 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion: 178 Resp: 1059636
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 15.9 12.8 19.2



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

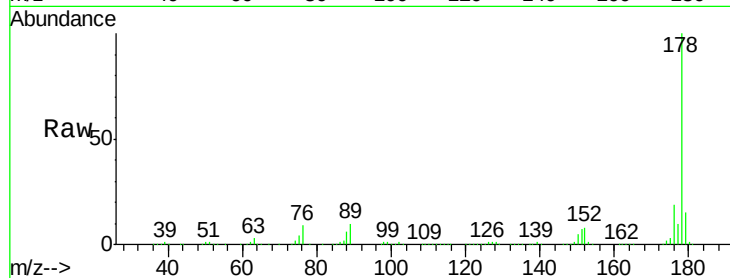




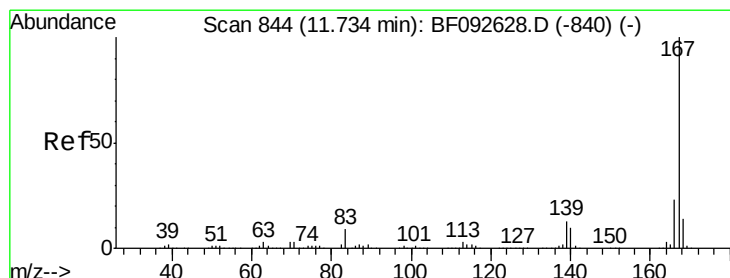
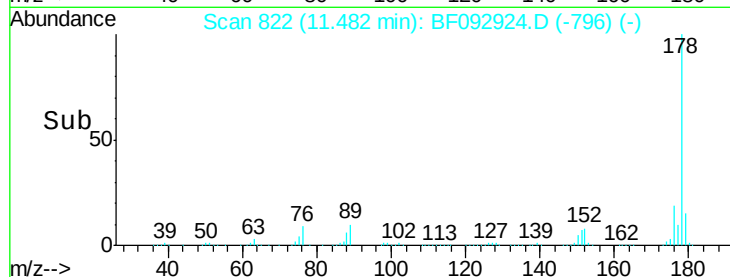
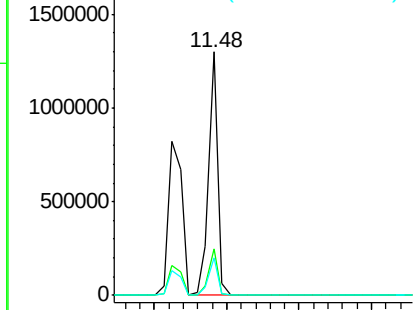
#71
 Anthracene
 Concen: 39.02 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion:178 Resp: 1131482
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.4 13.2 19.8

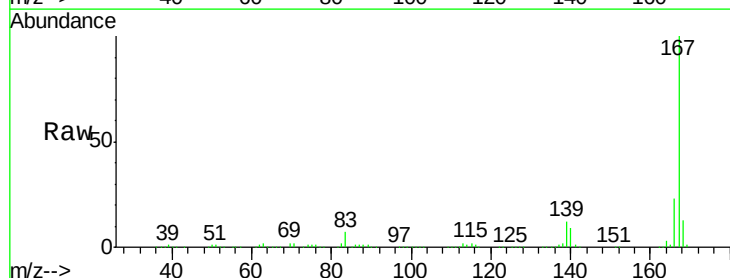


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

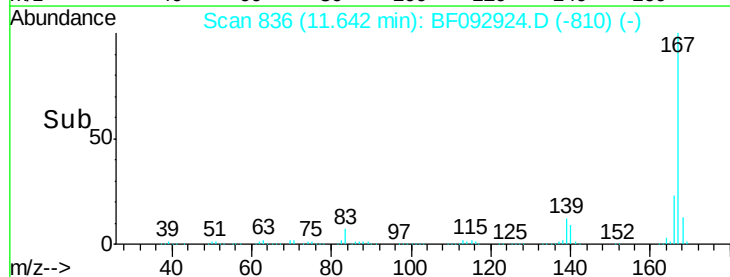
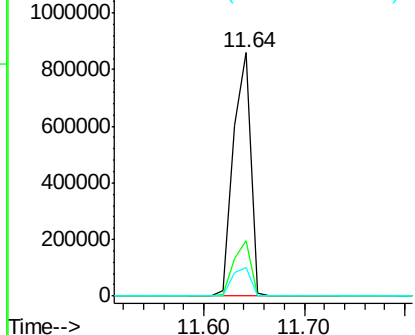


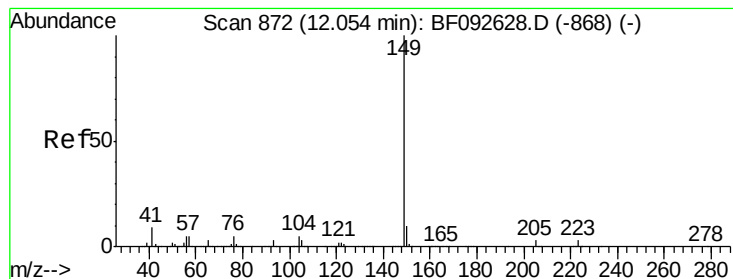
#72
 Carbazole
 Concen: 37.12 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:167 Resp: 1028942
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.0 11.4 17.2



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: 37.47 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

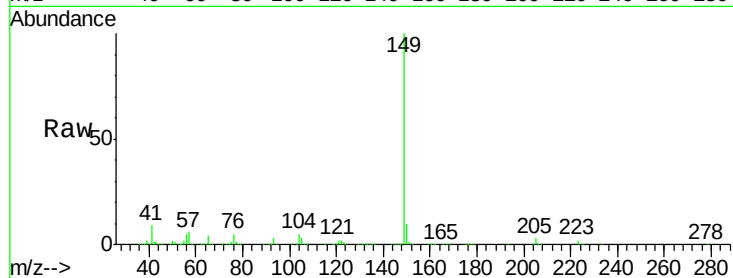
Tgt Ion:149 Resp: 1123279

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

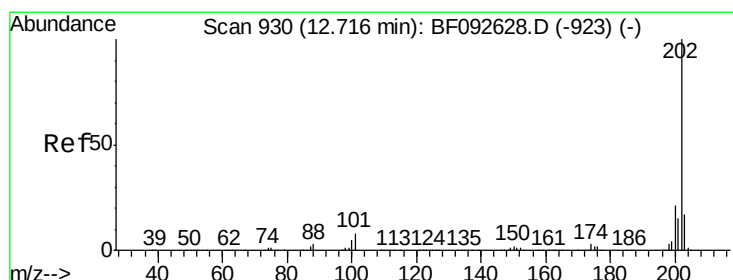
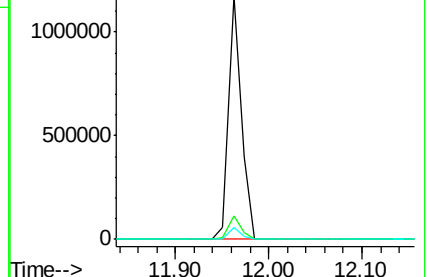
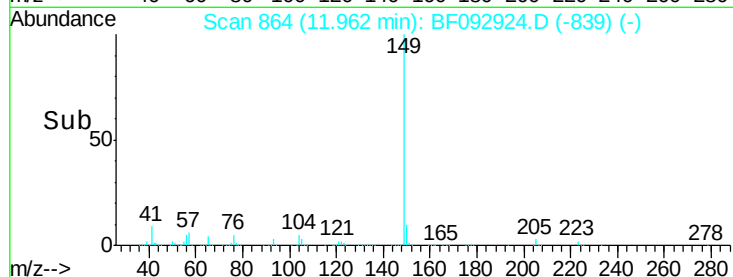
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.16 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

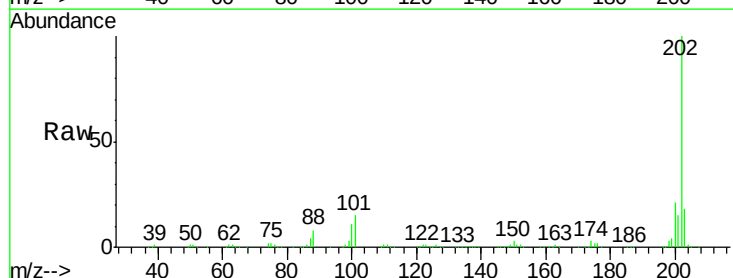
Tgt Ion:202 Resp: 1017359

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

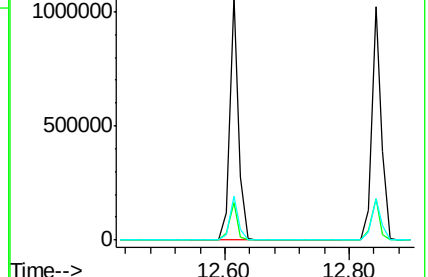
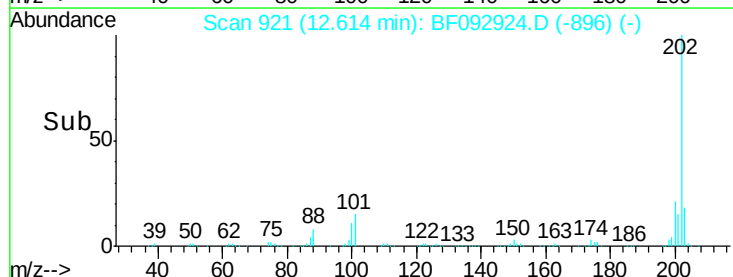
203 18.0 0.0 38.7

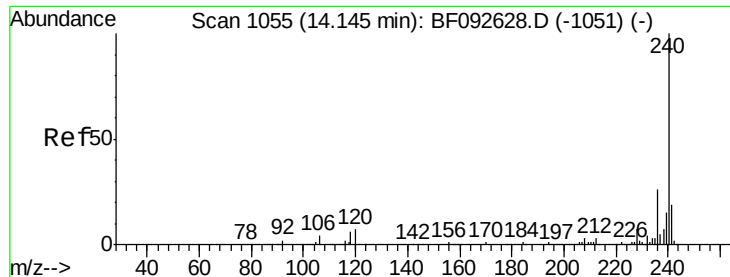


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

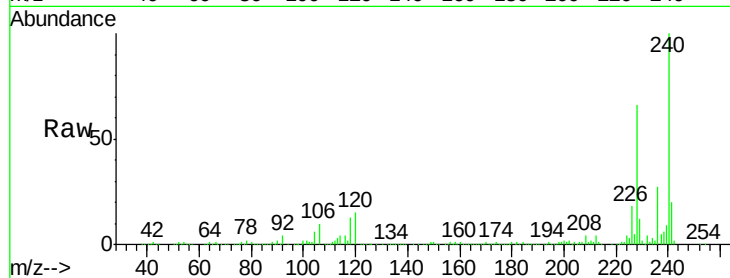




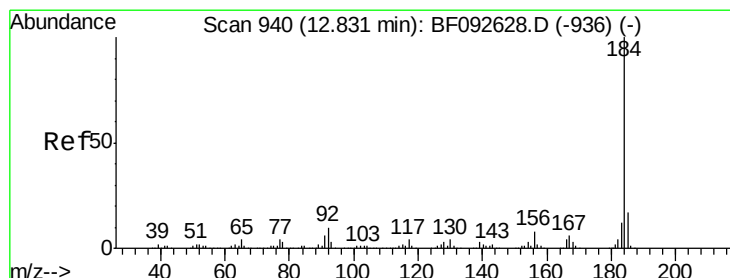
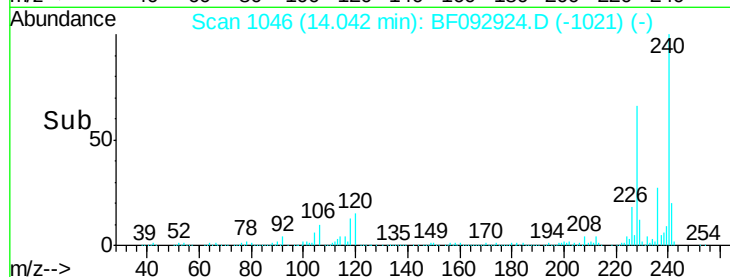
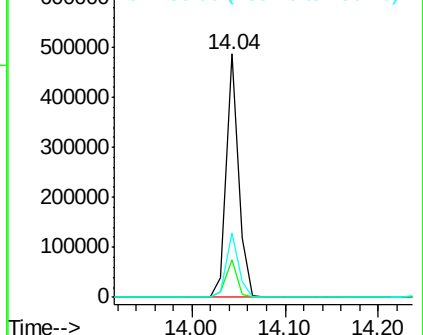
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96881BSD

Tgt Ion:240 Resp: 447964
Ion Ratio Lower Upper
240 100
120 15.4 12.9 19.3
236 26.6 20.9 31.3

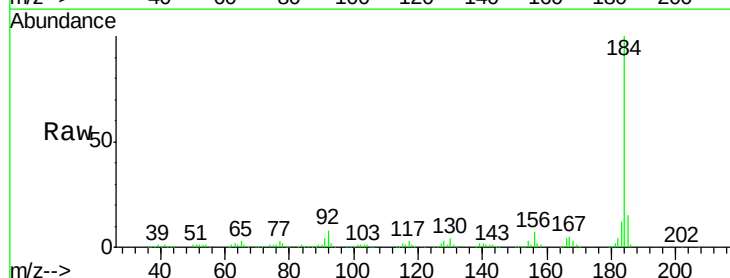


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

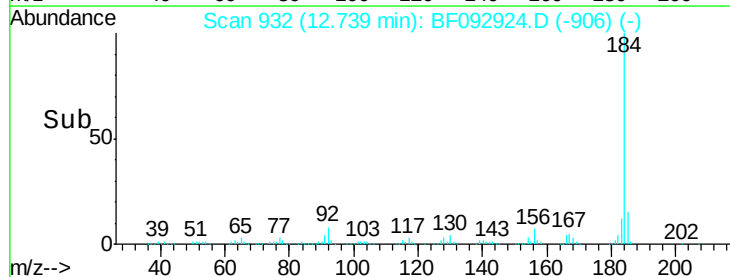
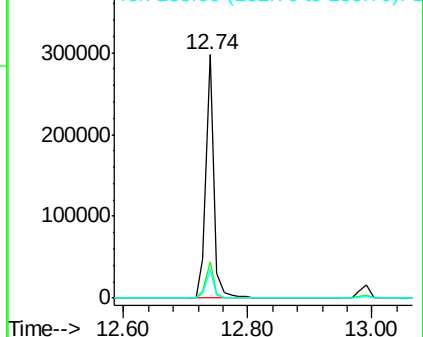


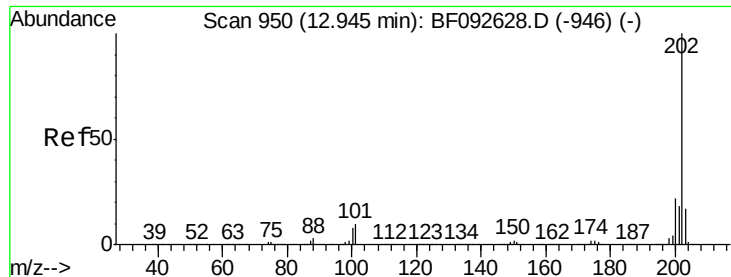
#76
Benzidine
Concen: 14.26 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:184 Resp: 272168
Ion Ratio Lower Upper
184 100
185 14.8 13.4 20.0
183 11.7 9.2 13.8



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

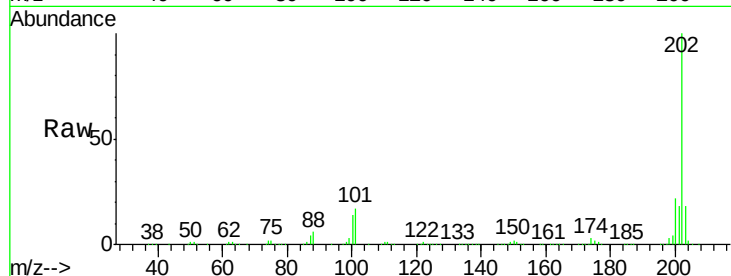




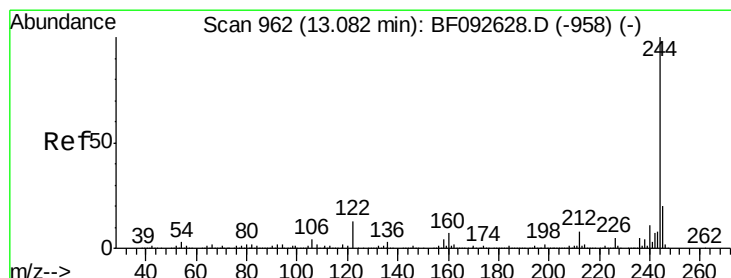
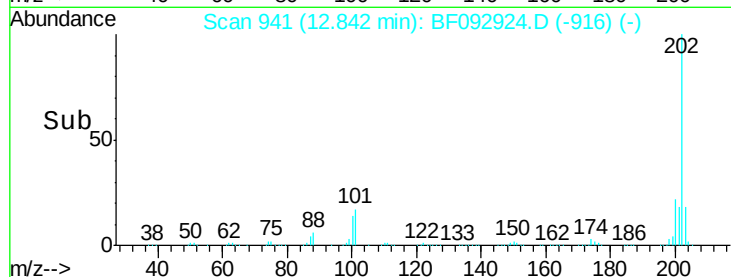
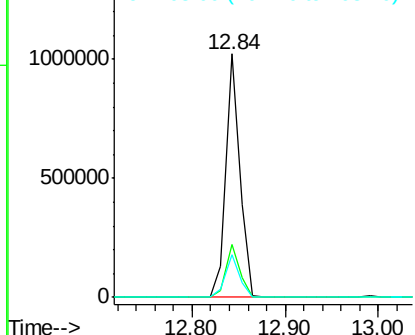
#77
 Pyrene
 Concen: 31.82 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion: 202 Resp: 1066780
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 17.7 14.7 22.1

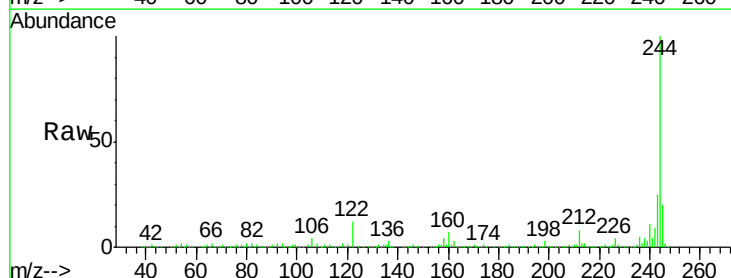


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

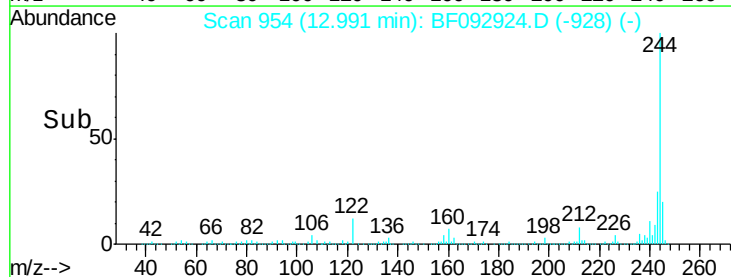
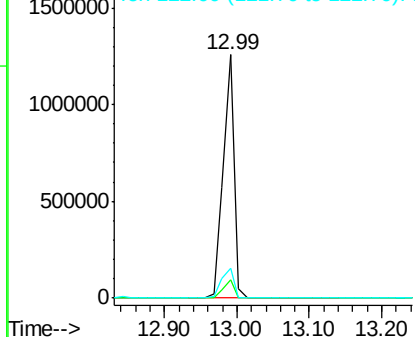


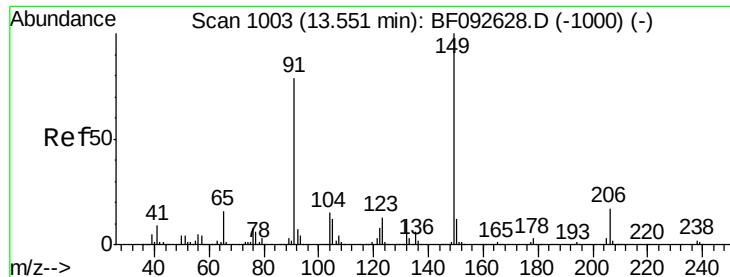
#78
 Terphenyl-d14
 Concen: 68.86 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion: 244 Resp: 1312876
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.1 11.4 17.2



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

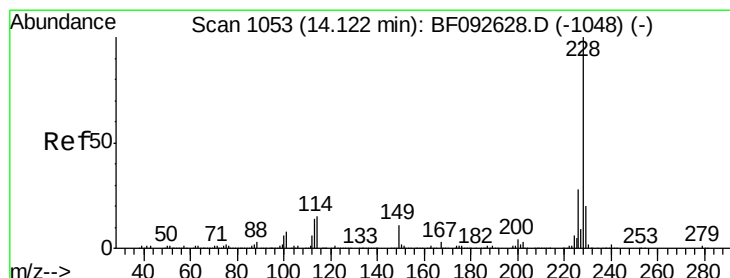
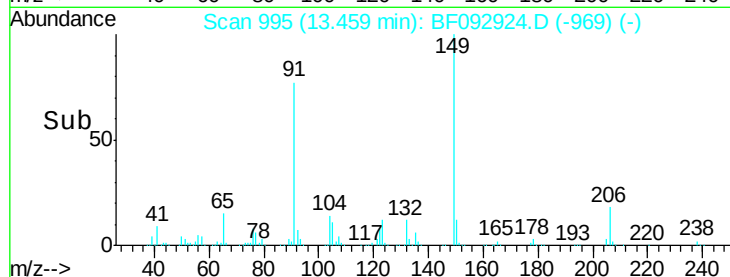
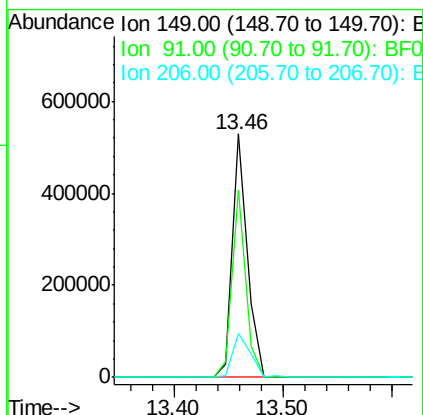
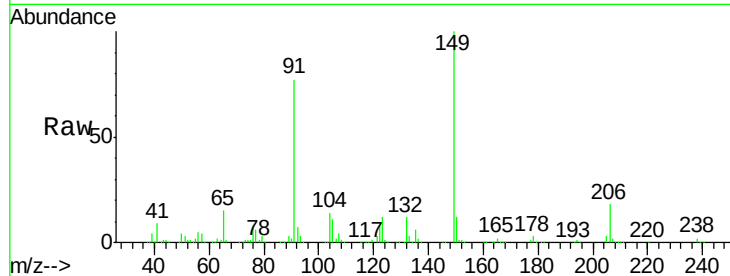




#79
Butylbenzylphthalate
Concen: 36.47 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

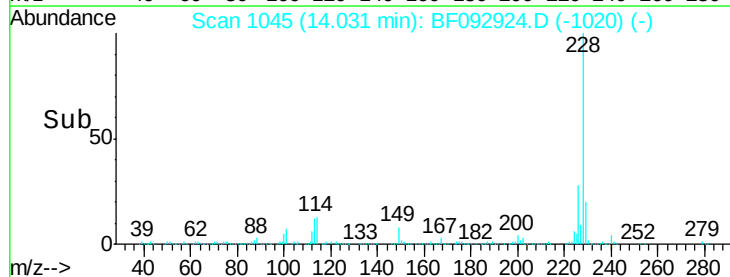
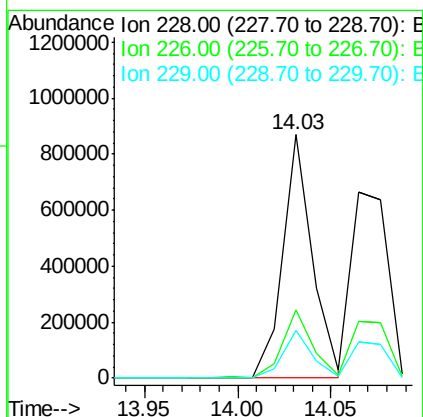
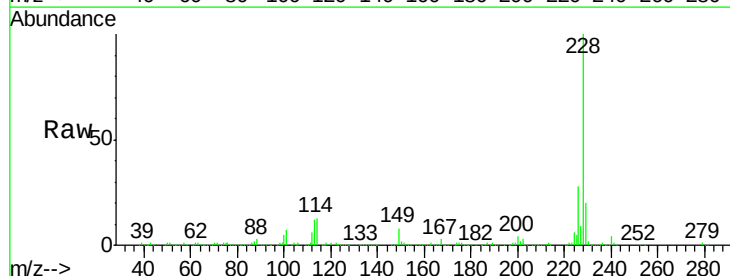
Instrument :
BNA_F
ClientSampleId :
PB96881BSD

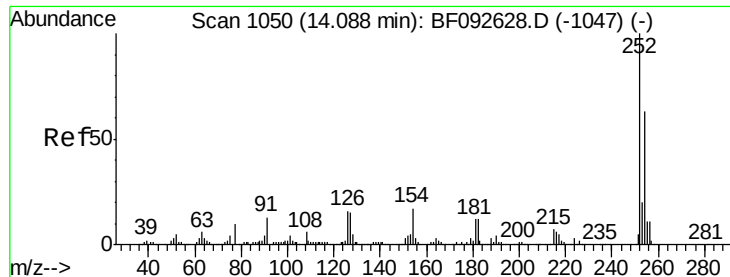
Tgt Ion:149 Resp: 496502
Ion Ratio Lower Upper
149 100
91 77.2 63.9 95.9
206 17.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 35.04 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092924.D
Acq: 13 Feb 2017 18:02

Tgt Ion:228 Resp: 960061
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 19.8 16.2 24.4

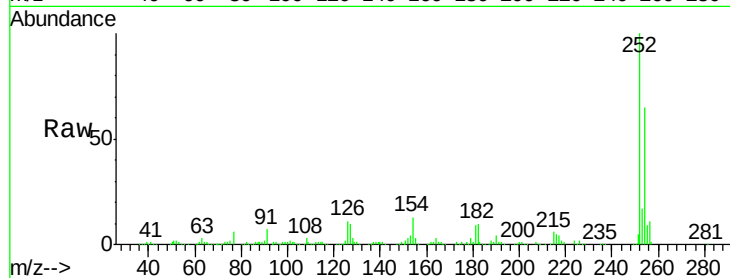




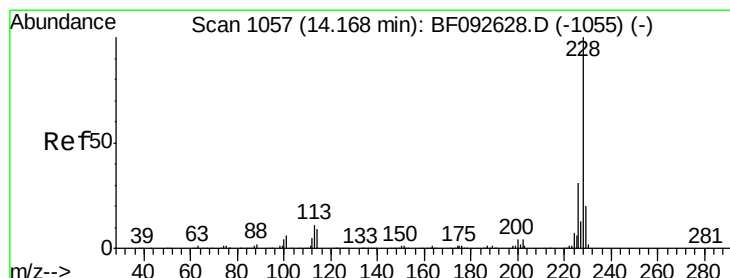
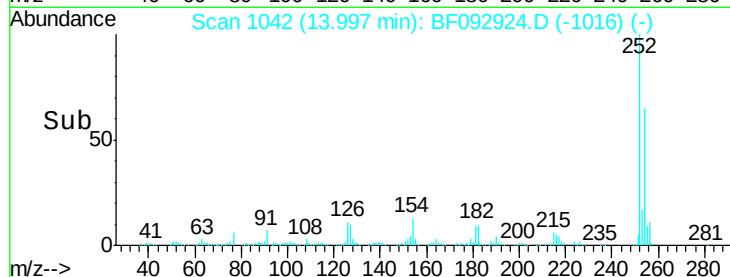
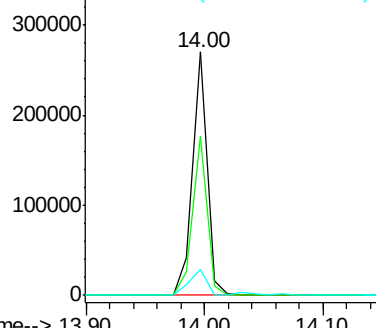
#81
 3,3'-Dichlorobenzidine
 Concen: 23.27 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

Tgt Ion:252 Resp: 227264
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.3 78.5
 126 10.5 13.6 20.4#

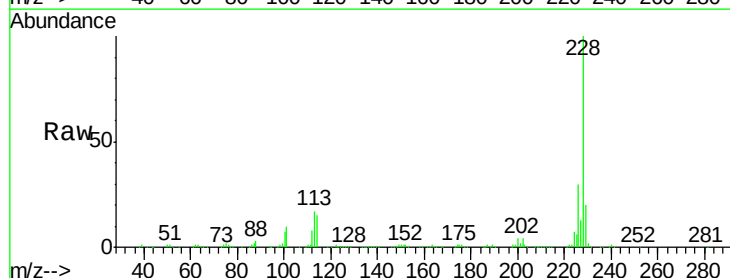


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

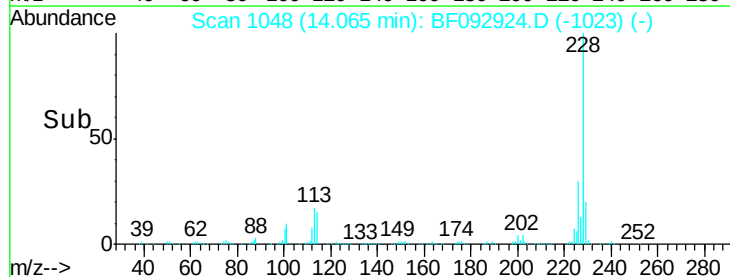
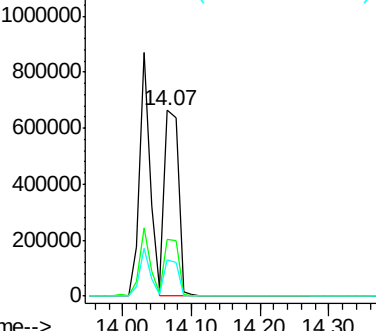


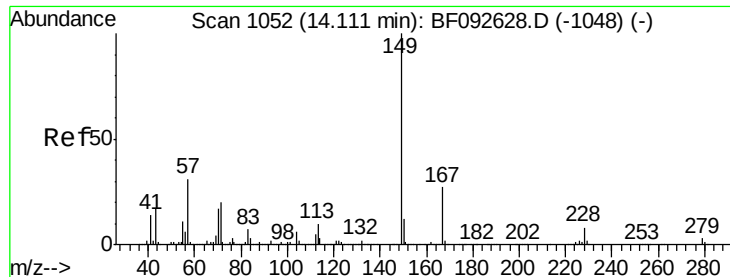
#82
 Chrysene
 Concen: 35.57 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:228 Resp: 912389
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.0
 229 19.6 16.2 24.2



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

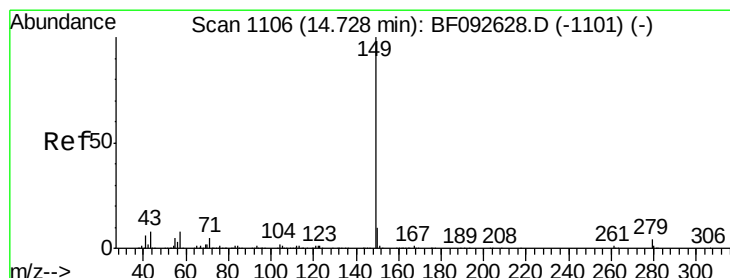
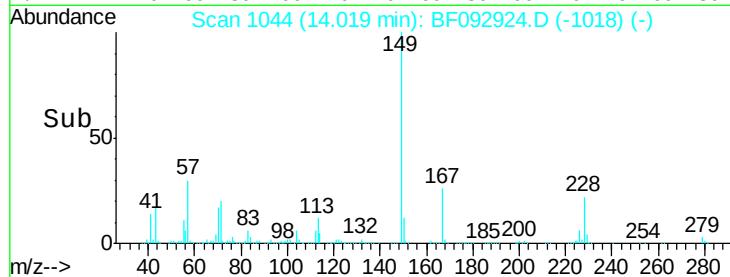
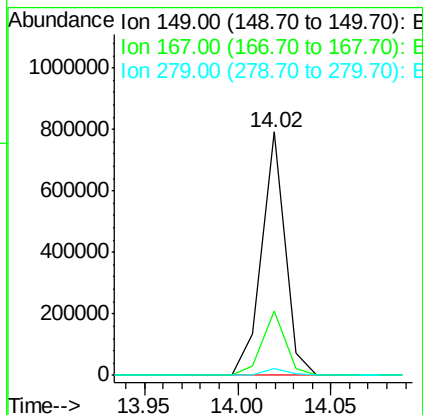
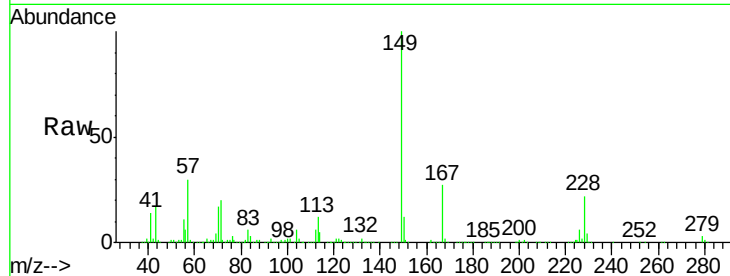




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.98 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

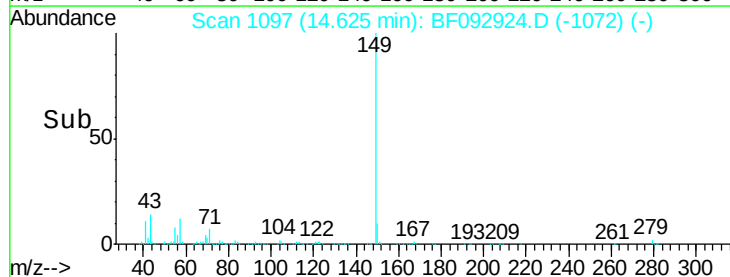
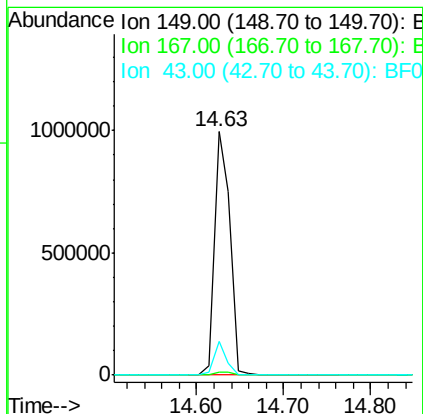
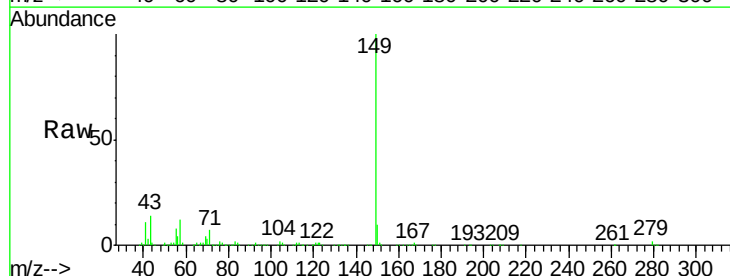
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

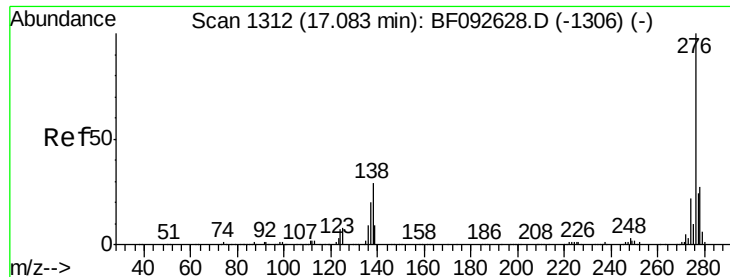
Tgt Ion:149 Resp: 688476
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 41.11 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion:149 Resp: 1246466
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

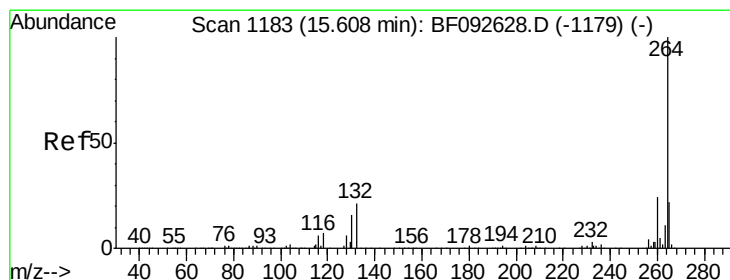
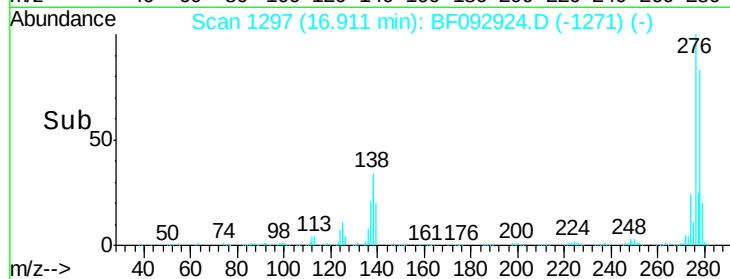
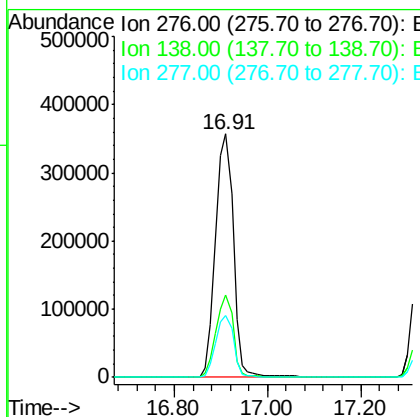
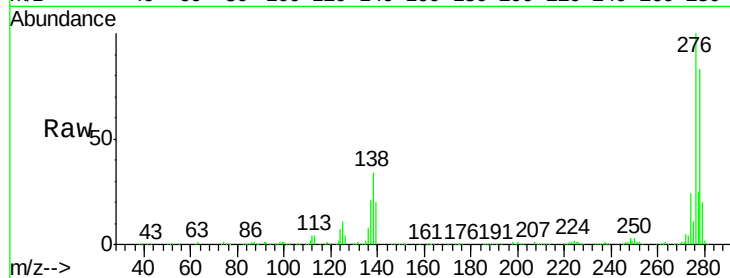




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.95 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

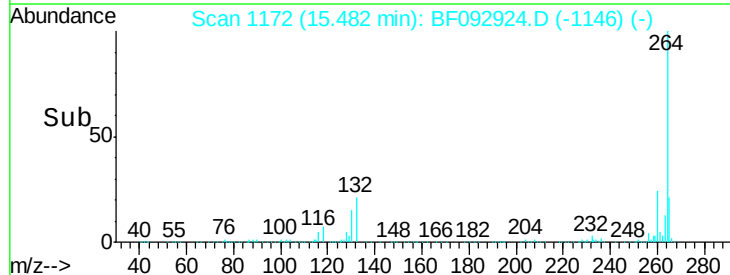
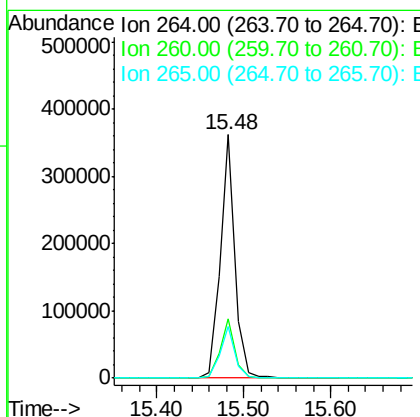
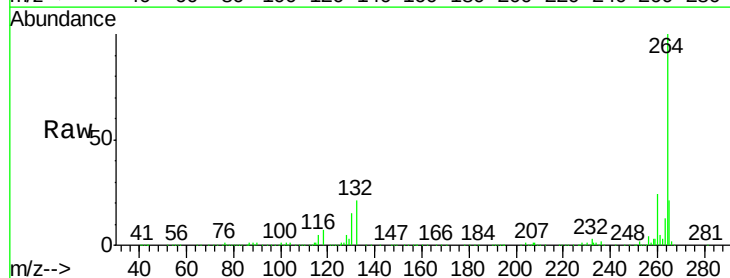
Instrument :
 BNA_F
 ClientSampleId :
 PB96881BSD

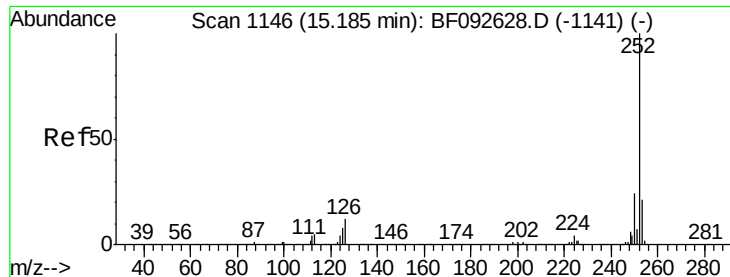
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	21.8	32.6#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF092924.D
 Acq: 13 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 35.73 ng

RT: 15.07 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

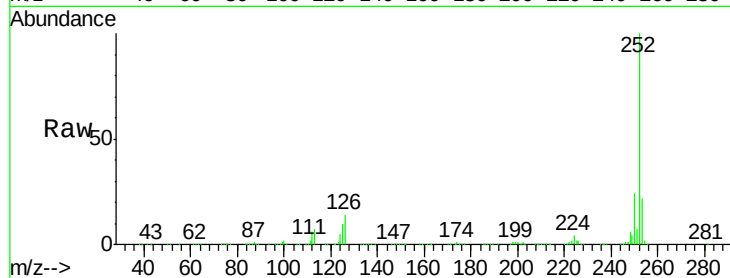
Tgt Ion:252 Resp: 1006604

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

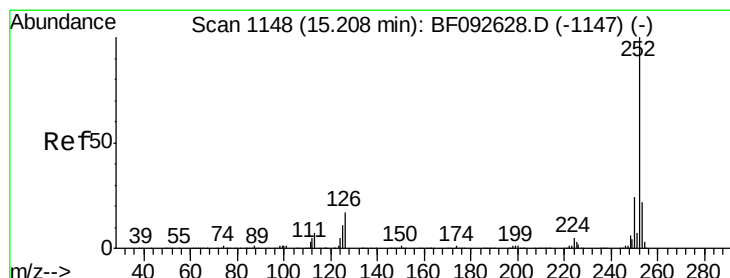
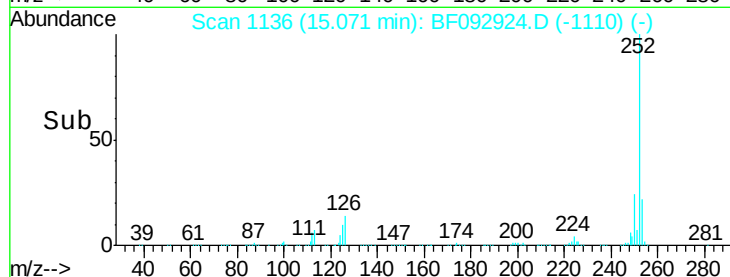
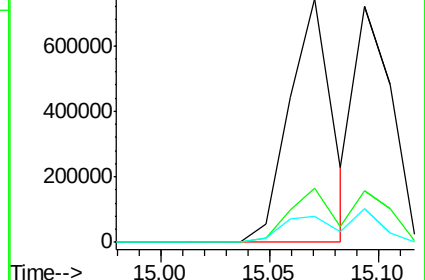
125 10.5 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 41.38 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.03 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

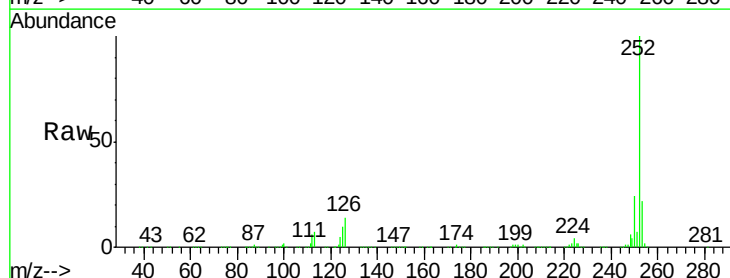
Tgt Ion:252 Resp: 1006604

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

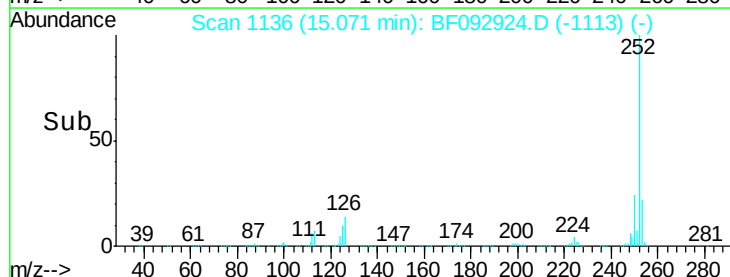
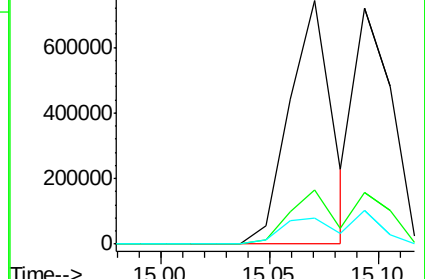
125 10.5 8.9 13.3

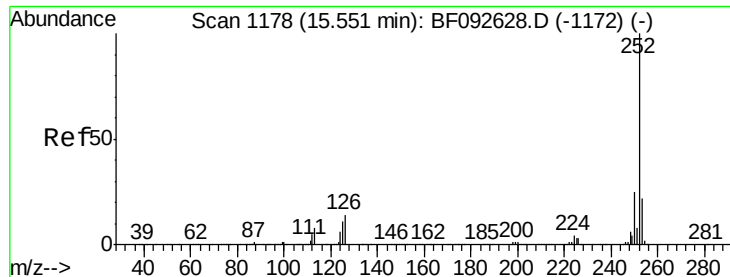


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.26 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

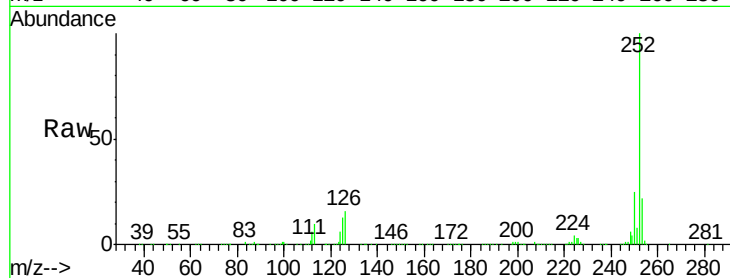
Tgt Ion: 252 Resp: 908072

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

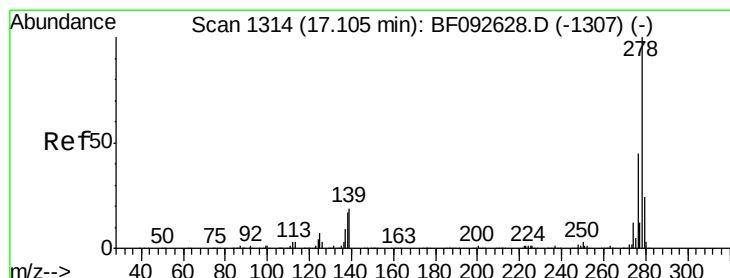
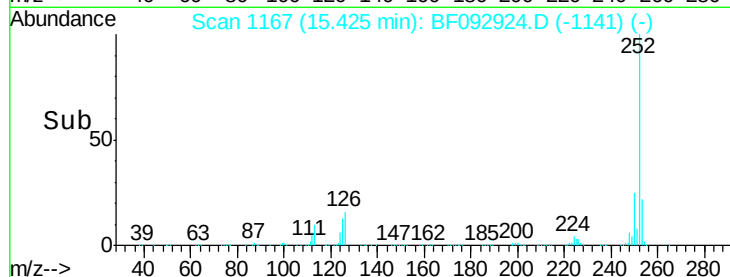
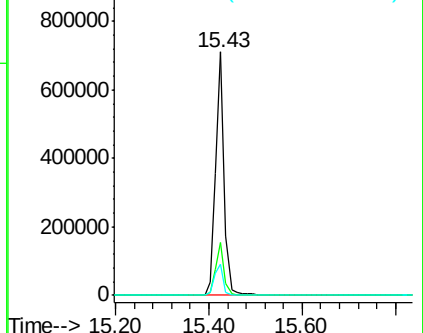
125 12.5 10.0 15.0



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: 39.98 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

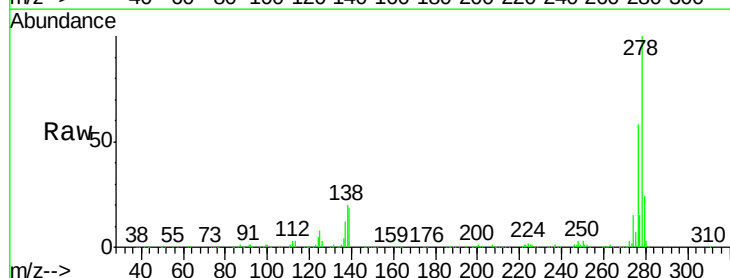
Tgt Ion: 278 Resp: 787415

Ion Ratio Lower Upper

278 100

139 19.4 14.8 22.2

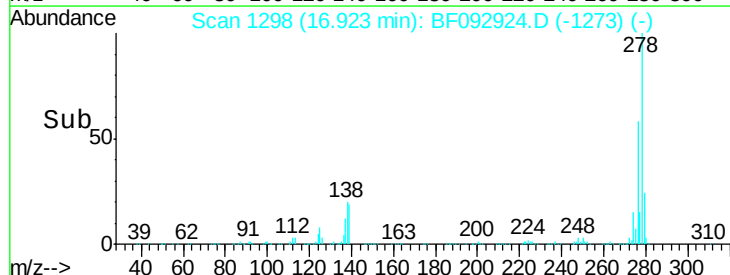
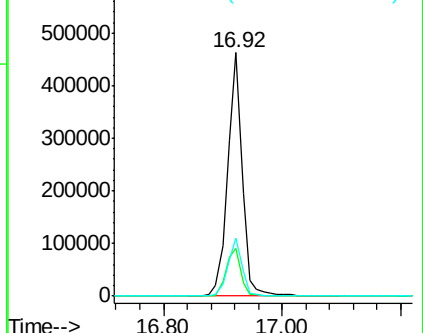
279 24.0 19.8 29.6

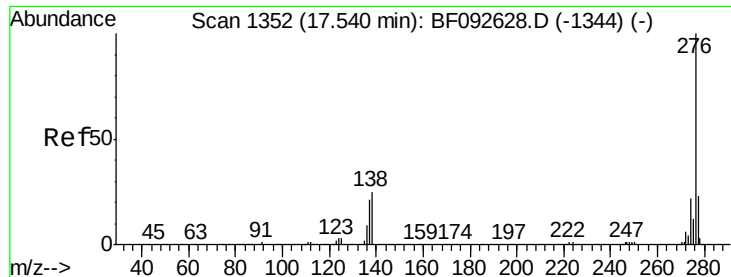


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.02 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF092924.D

Acq: 13 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB96881BSD

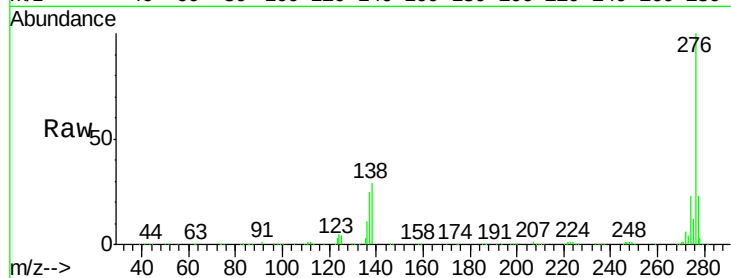
Tgt Ion: 276 Resp: 816060

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 29.0 16.0 24.0#



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

