

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092507.D
 Acq On : 26 Jan 2017 5:17
 Operator : SJ/MA
 Sample : I1346-07MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Quant Time: Jan 26 12:44:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150596	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	587370	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	336870	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	544706	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	381227	20.00	ng	-0.01
86) Perylene-d12	15.63	264	333164	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1358908	140.39	ng	0.02
7) Phenol-d6	6.60	99	1725861	139.98	ng	0.01
23) Nitrobenzene-d5	7.54	82	1048837	97.54	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	314356	136.94	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1466702	80.51	ng	-0.01
78) Terphenyl-d14	13.11	244	1328902	92.82	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	218787	42.50	ng	# 82
3) Pyridine	3.42	79	609348	41.58	ng	86
4) n-Nitrosodimethylamine	3.38	42	324353	45.11	ng	85
6) Aniline	6.62	93	358301	19.48	ng	# 46
8) 2-Chlorophenol	6.75	128	483382	47.54	ng	93
9) Benzaldehyde	6.51	77	339014	38.75	ng	91
10) Phenol	6.61	94	828133	55.65	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	496924	44.63	ng	92
12) 1,3-Dichlorobenzene	6.91	146	567170m	47.17	ng	
13) 1,4-Dichlorobenzene	6.99	146	580593	47.98	ng	94
14) 1,2-Dichlorobenzene	7.14	146	499637	43.52	ng	99
15) Benzyl Alcohol	7.12	79	495252	53.30	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	960663	43.62	ng	93
17) 2-Methylphenol	7.22	107	437468	50.36	ng	96
18) Hexachloroethane	7.48	117	193809	46.49	ng	# 85
19) n-Nitroso-di-n-propylamine	7.39	70	374145	44.56	ng	95
20) 3+4-Methylphenols	7.38	107	515982	48.96	ng	94
22) Acetophenone	7.38	105	706687	50.52	ng	# 86
24) Nitrobenzene	7.56	77	583952	51.84	ng	# 84
25) Isophorone	7.80	82	1055068	49.79	ng	99
26) 2-Nitrophenol	7.87	139	262015	55.51	ng	92
27) 2,4-Dimethylphenol	7.92	122	497023	50.63	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	610608	43.90	ng	99
29) 2,4-Dichlorophenol	8.12	162	439195	51.60	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	439542	47.78	ng	96
31) Naphthalene	8.28	128	1367967	45.50	ng	99
32) Benzoic acid	8.00	122	107788	17.95	ng	95
33) 4-Chloroaniline	8.33	127	130393	10.25	ng	99
34) Hexachlorobutadiene	8.41	225	242150	48.12	ng	98
35) Caprolactam	8.70	113	109703	38.60	ng	# 18
36) 4-Chloro-3-methylphenol	8.82	107	475900	51.85	ng	97
37) 2-Methylnaphthalene	8.98	142	924316	48.57	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	442663	52.09	ng	99
40) Hexachlorocyclopentadiene	9.14	237	330615	77.69	ng	98

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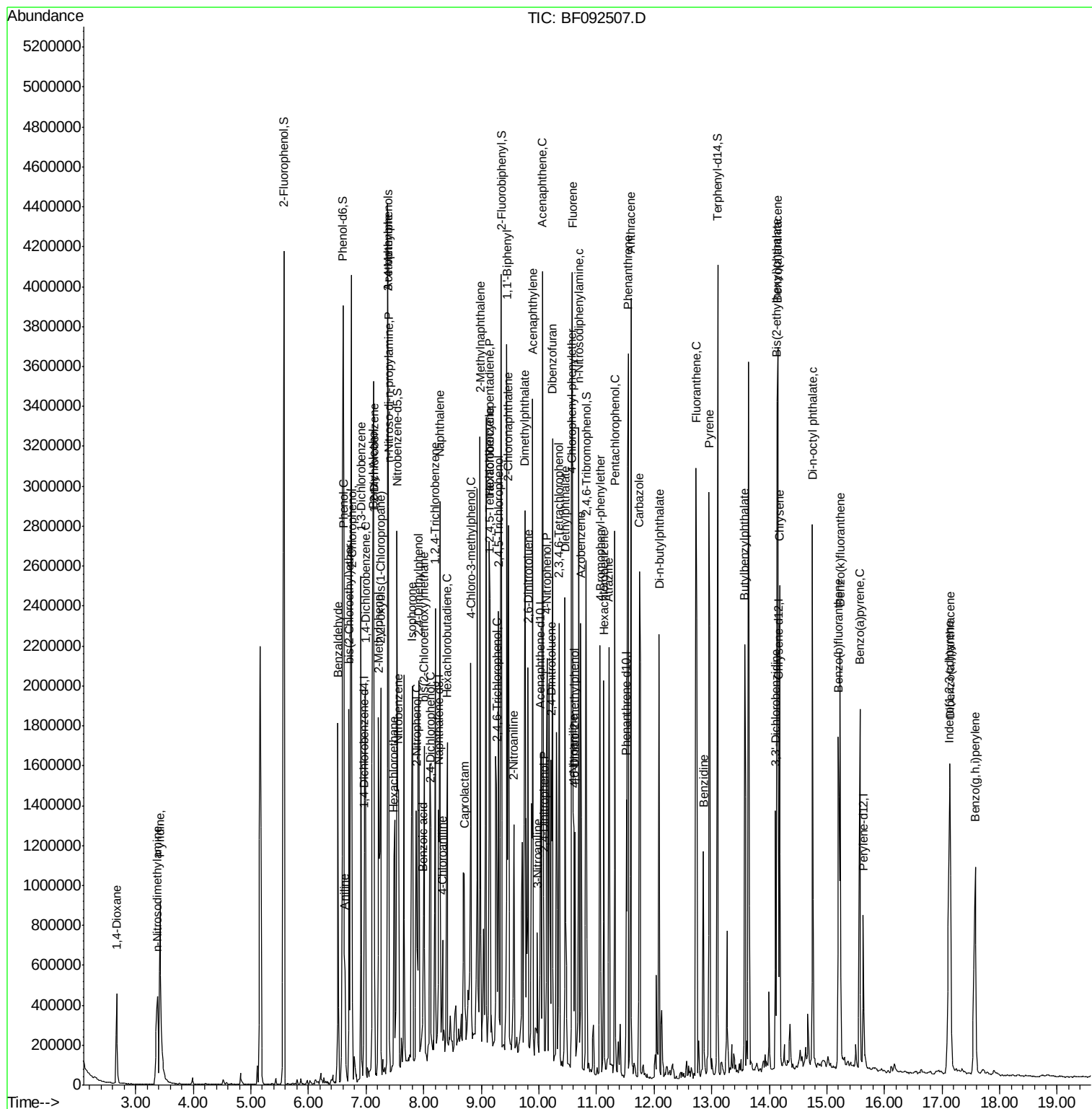
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	325001	49.92	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	304568	51.13	nq	92
45) 1,1'-Biphenyl	9.45	154	1096525	45.03	nq	97
46) 2-Chloronaphthalene	9.47	162	851646	42.82	nq	95
47) 2-Nitroaniline	9.56	65	307880	45.97	nq	89
48) Acenaphthylene	9.89	152	1456899	49.94	nq	99
49) Dimethylphthalate	9.76	163	1188488	55.48	nq	99
50) 2,6-Dinitrotoluene	9.81	165	254059	58.02	nq	# 93
51) Acenaphthene	10.06	154	959785	52.95	nq	97
52) 3-Nitroaniline	9.97	138	88451	16.13	nq	97
53) 2,4-Dinitrophenol	10.09	184	162969	64.16	nq	96
54) Dibenzofuran	10.24	168	1285266	52.22	nq	98
55) 4-Nitrophenol	10.14	139	447953	102.86	nq	86
56) 2,4-Dinitrotoluene	10.21	165	311998	53.68	nq	93
57) Fluorene	10.58	166	920809	50.45	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	237101	53.12	nq	# 99
59) Diethylphthalate	10.45	149	951147	46.31	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	399877	45.17	nq	97
61) 4-Nitroaniline	10.60	138	255329	46.55	nq	91
62) Azobenzene	10.73	77	1115080	47.70	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	140504	47.88	nq	# 68
65) n-Nitrosodiphenylamine	10.69	169	874512	51.41	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	256080	46.56	nq	93
67) Hexachlorobenzene	11.13	284	262312	47.18	nq	# 95
68) Atrazine	11.22	200	255906	43.95	nq	99
69) Pentachlorophenol	11.32	266	306505	86.23	nq	97
70) Phenanthrene	11.55	178	2046527	68.23	nq	99
71) Anthracene	11.60	178	1473140	50.25	nq	99
72) Carbazole	11.74	167	1551852	55.44	nq	99
73) Di-n-butylphthalate	12.09	149	1669387	52.16	nq	# 96
74) Fluoranthene	12.73	202	1779403	60.65	nq	98
76) Benzidine	12.85	184	428140	30.25	nq	97
77) Pyrene	12.96	202	1714580	62.07	nq	100
79) Butylbenzylphthalate	13.57	149	652755	58.33	nq	96
80) Benzo(a)anthracene	14.15	228	1070686	52.26	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	291720	37.50	nq	# 96
82) Chrysene	14.18	228	925509	42.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	782324	55.51	nq	100
84) Di-n-octyl phthalate	14.75	149	1363869	53.31	nq	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	1096947	67.76	nq	95
87) Benzo(b)fluoranthene	15.20	252	1184398m	55.38	nq	
88) Benzo(k)fluoranthene	15.23	252	730211m	41.06	nq	
89) Benzo(a)pyrene	15.57	252	946889	52.33	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	879649	60.12	nq	96
91) Benzo(g,h,i)perylene	17.57	276	933405	63.08	nq	# 91

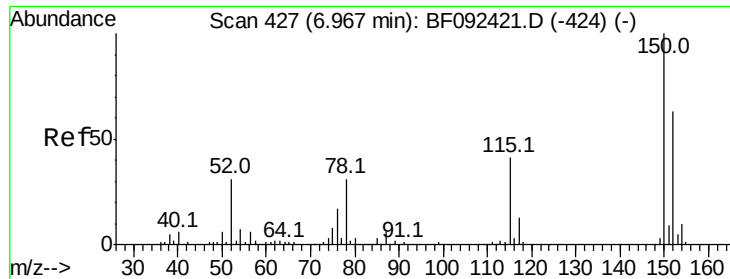
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

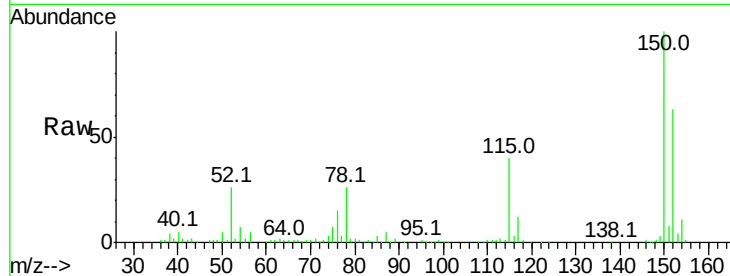
Tot Ion:152 Resp: 150596

Ion Ratio Lower Upper

152 100

150 159.3 124.9 187.3

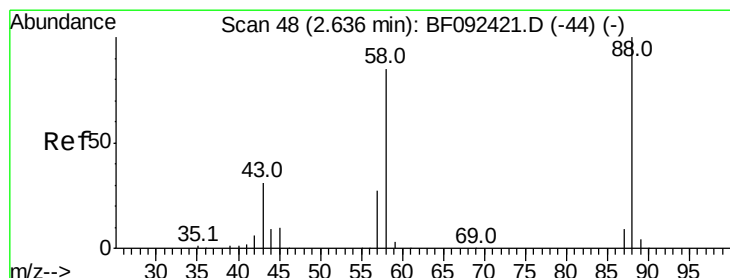
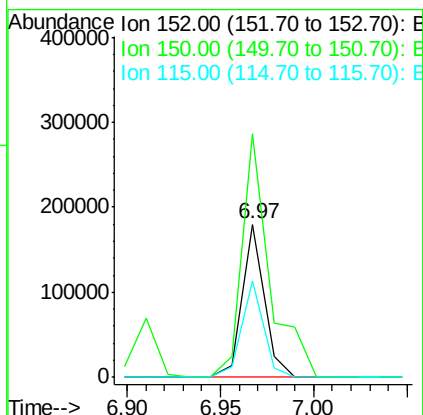
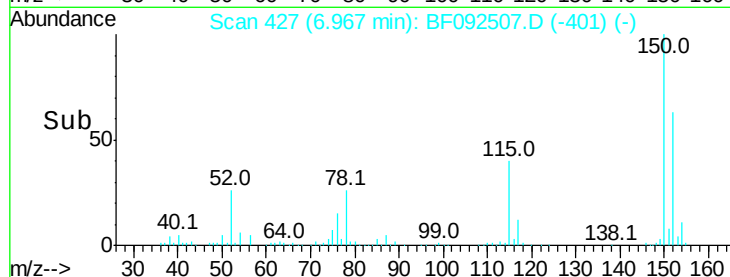
115 63.2 46.0 69.0



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: 42.50 ng

RT: 2.67 min Scan# 51

Delta R.T. 0.03 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

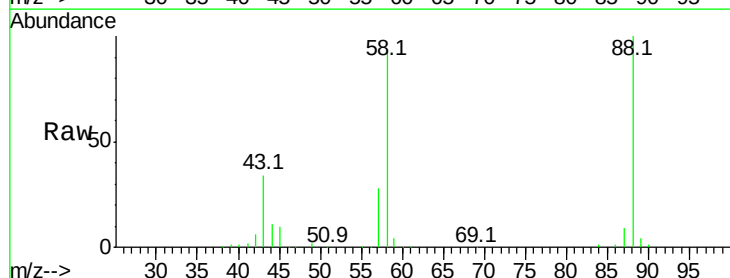
Tgt Ion: 88 Resp: 218787

Ion Ratio Lower Upper

88 100

58 89.3 57.8 86.8#

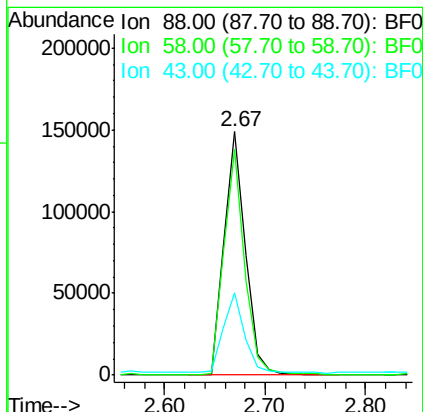
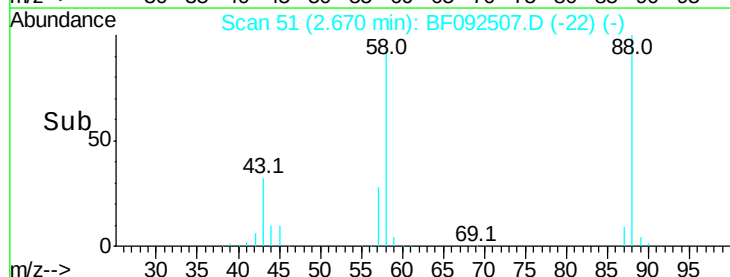
43 33.2 22.3 33.5

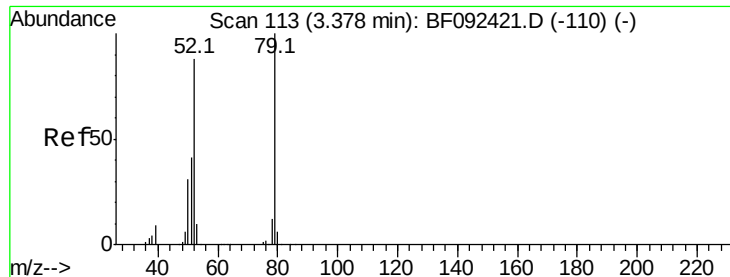


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.58 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.05 min

Lab File: BF092507.D

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P14-11917MSD

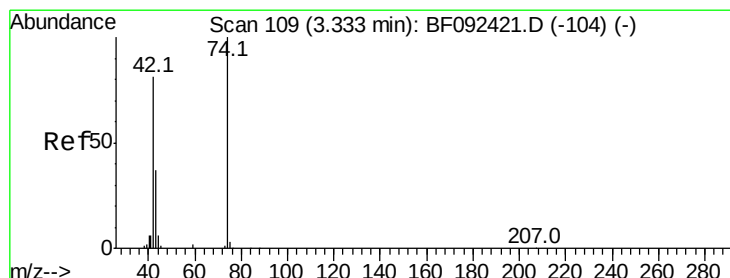
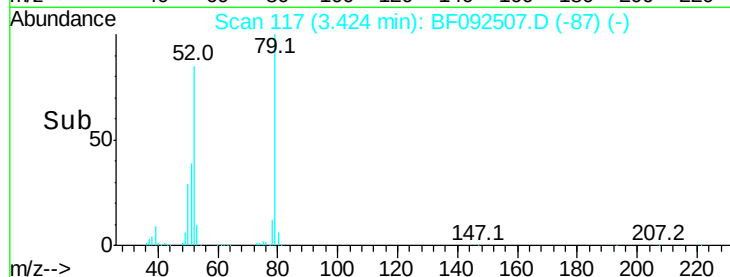
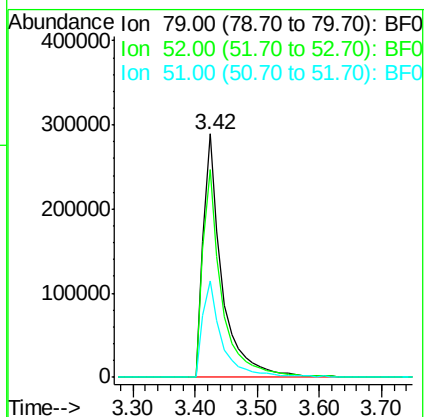
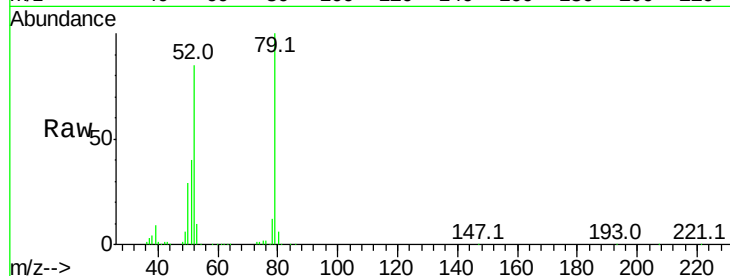
Tot Ion: 79 Resp: 609348

Ion Ratio Lower Upper

79 100

52 85.1 57.1 85.7

51 39.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.11 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.05 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

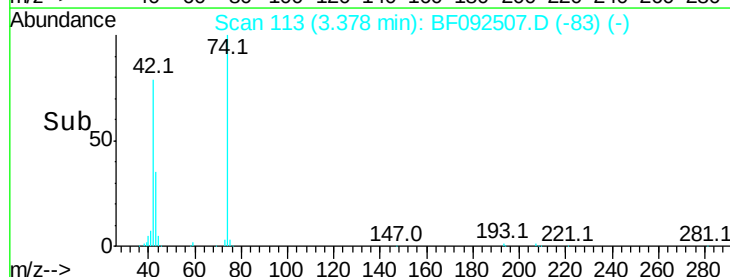
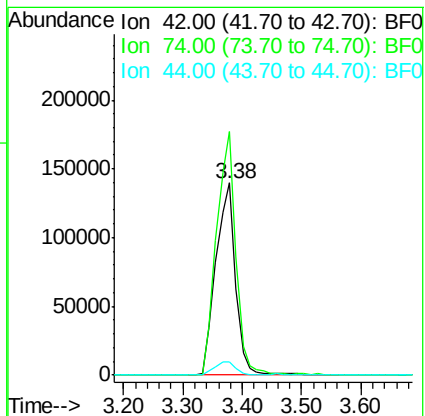
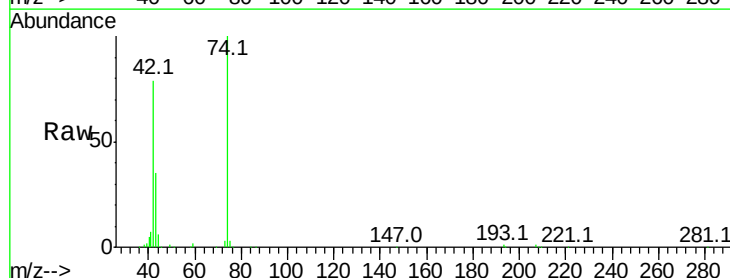
Tgt Ion: 42 Resp: 324353

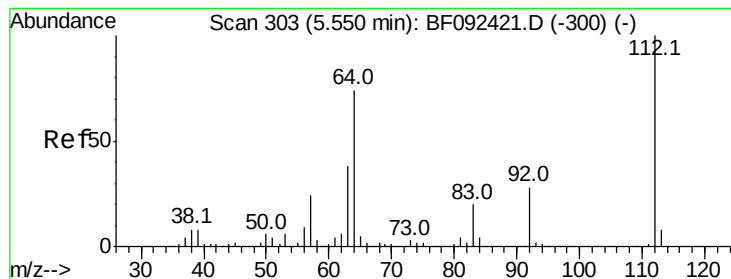
Ion Ratio Lower Upper

42 100

74 126.8 117.0 175.4

44 7.1 5.5 8.3

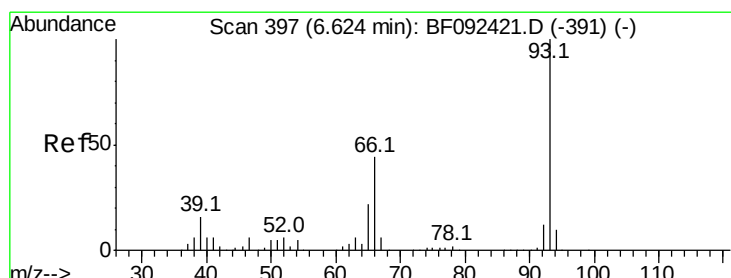
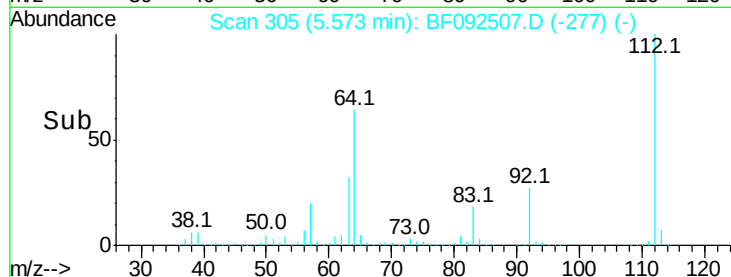
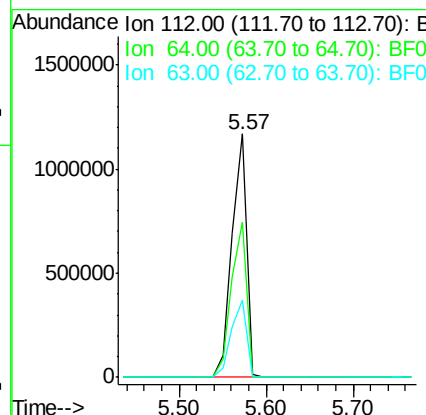
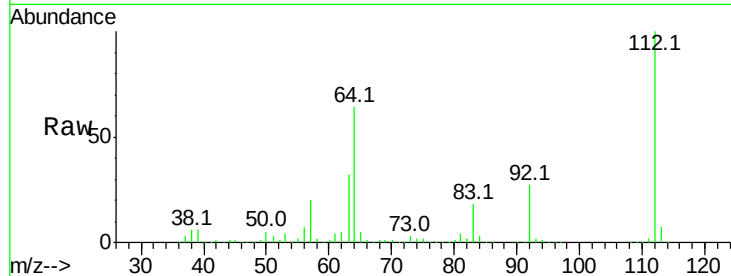




#5
 2-Fluorophenol
 Concen: 140.39 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

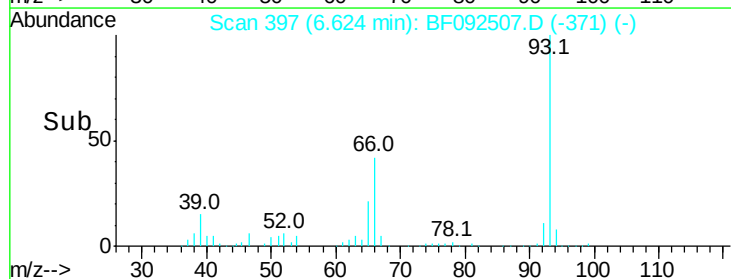
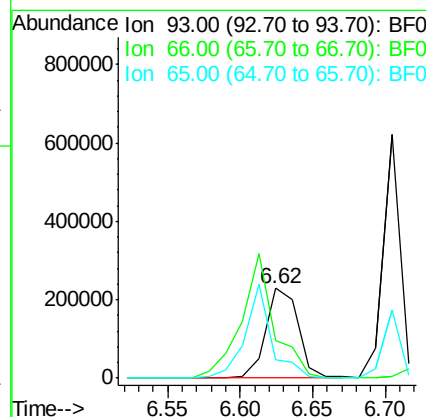
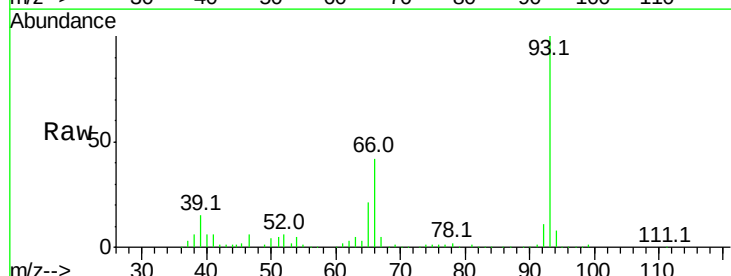
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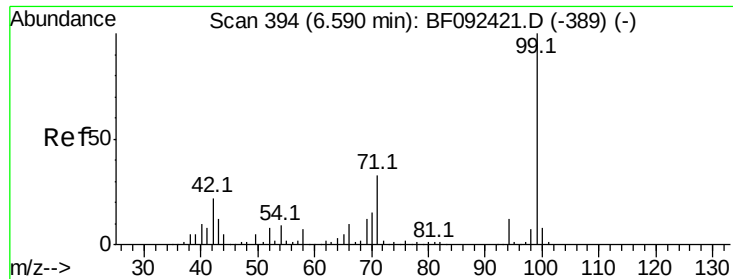
Tot Ion:112 Resp: 1358908
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.1 69.1
 63 31.7 23.8 35.6



#6
 Aniline
 Concen: 19.48 ng
 RT: 6.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion: 93 Resp: 358301
 Ion Ratio Lower Upper
 93 100
 66 42.4 76.2 114.2#
 65 20.9 49.3 73.9#





#7

Phenol-d6

Concen: 139.98 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

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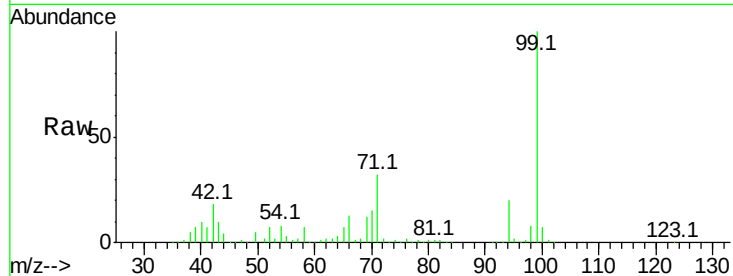
Tot Ion: 99 Resp: 1725861

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

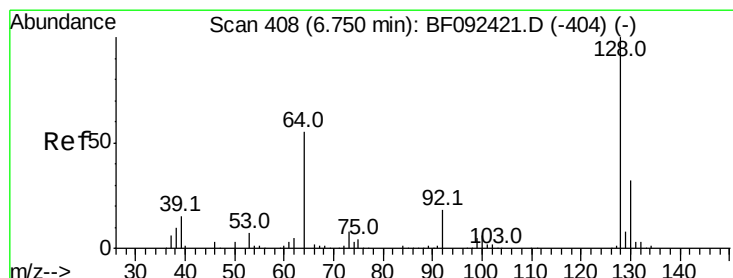
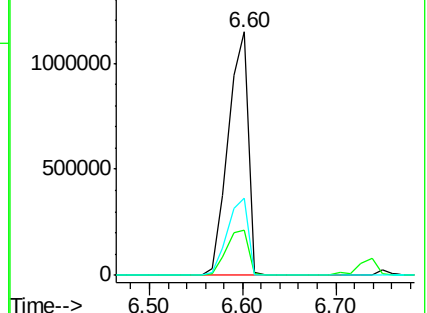
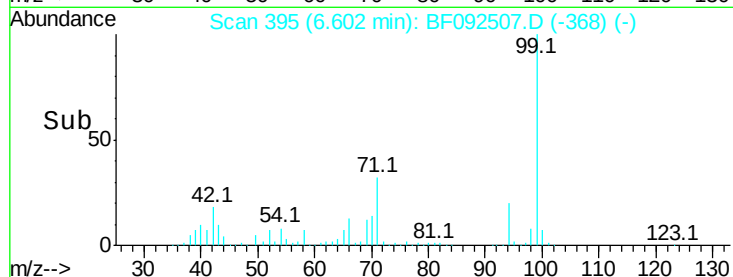
71 31.7 27.5 41.3



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: 47.54 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092507.D

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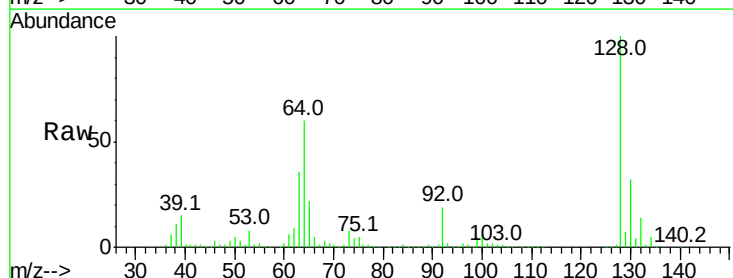
Tgt Ion:128 Resp: 483382

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

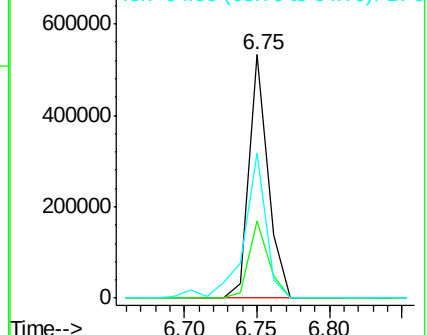
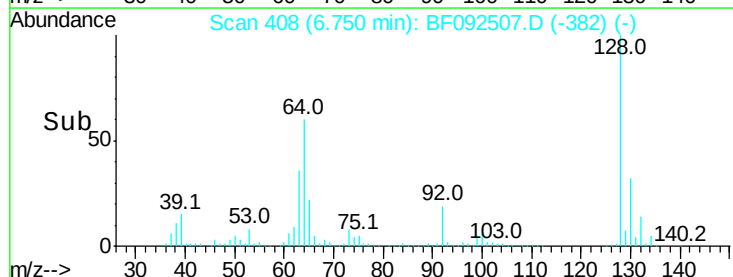
64 59.7 32.2 72.2

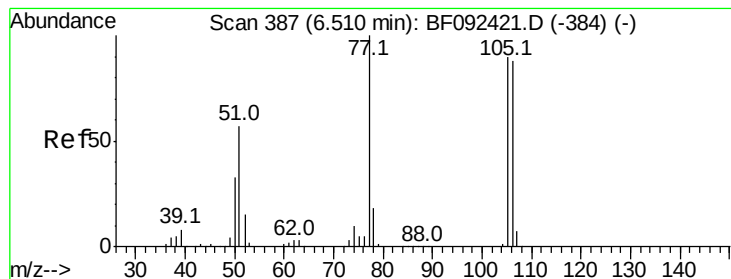


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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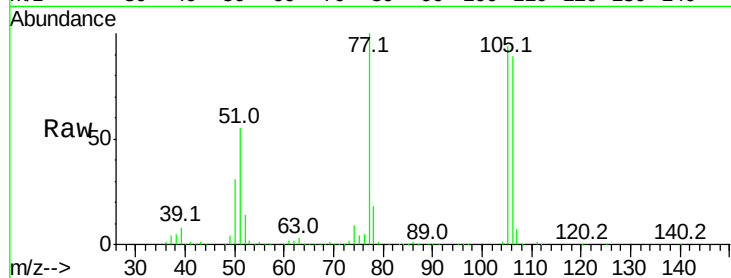
Tot Ion: 77 Resp: 339014

Ion Ratio Lower Upper

77 100

105 93.6 83.9 123.9

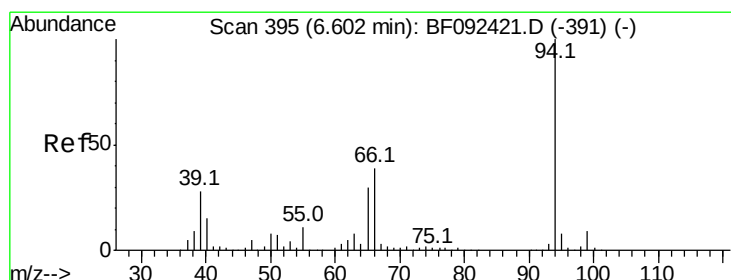
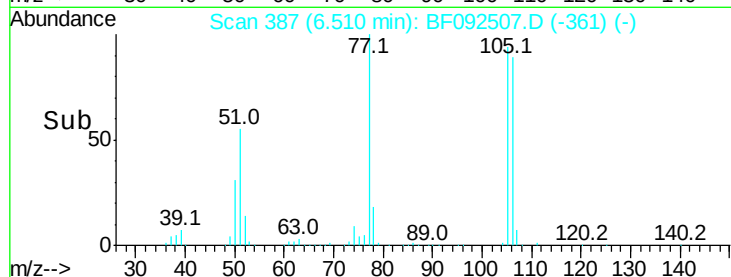
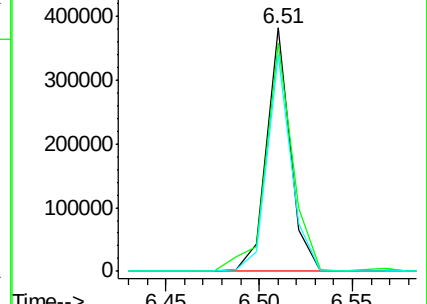
106 89.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 55.65 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

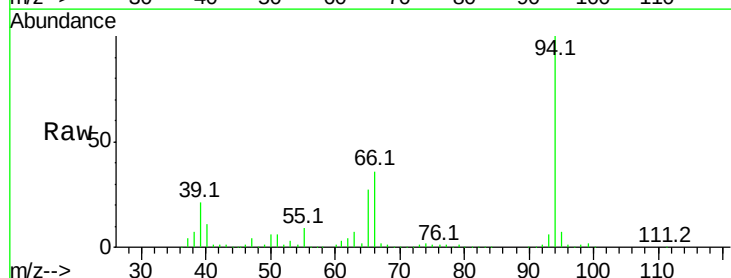
Tgt Ion: 94 Resp: 828133

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

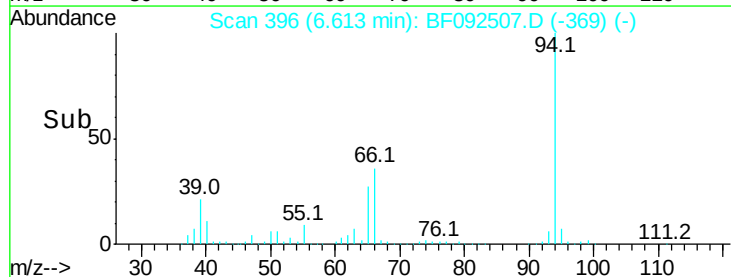
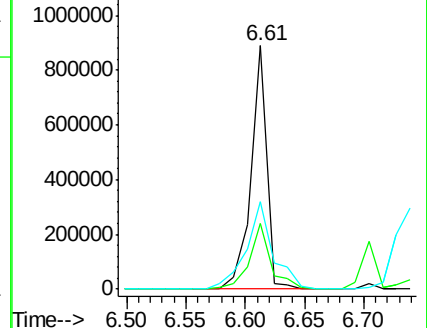
66 35.8 44.0 84.0#

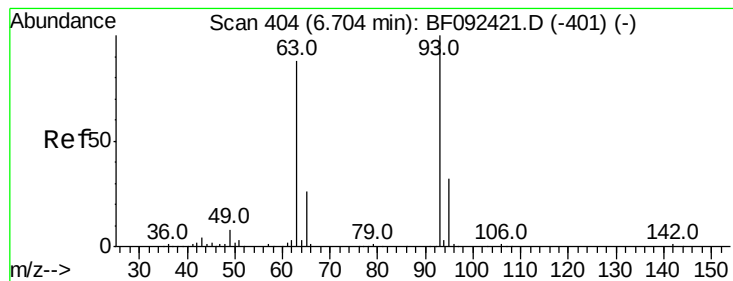


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.63 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

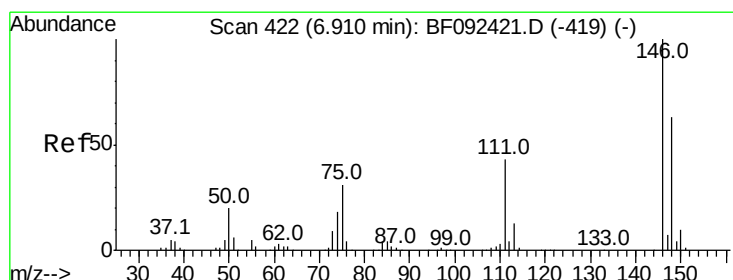
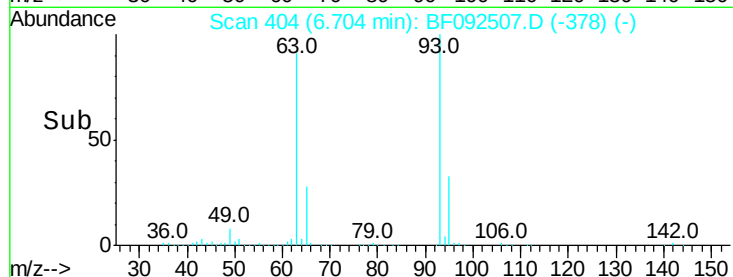
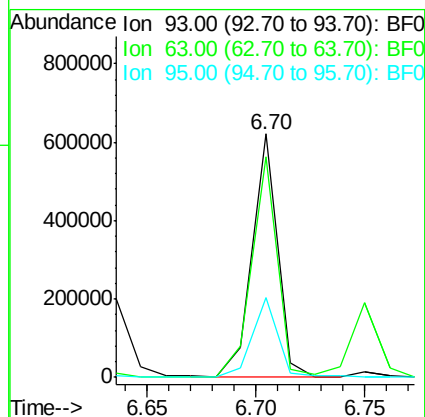
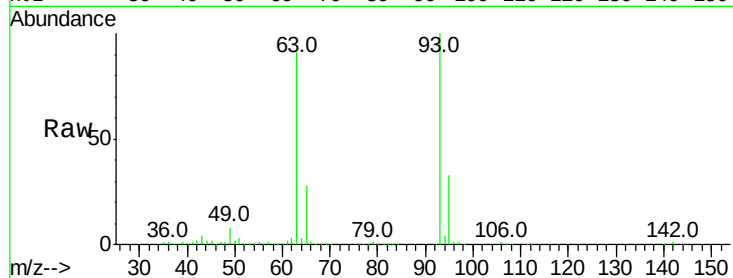
Tot Ion: 93 Resp: 496924

Ion Ratio Lower Upper

93 100

63 90.5 60.4 100.4

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 47.17 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

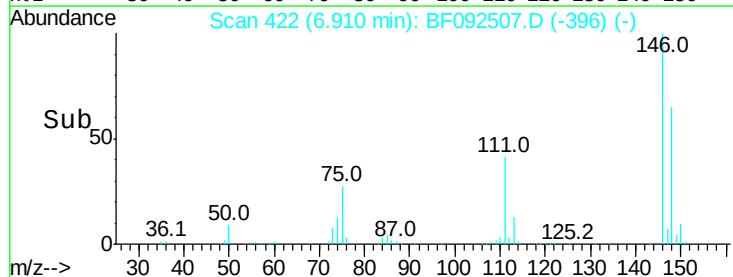
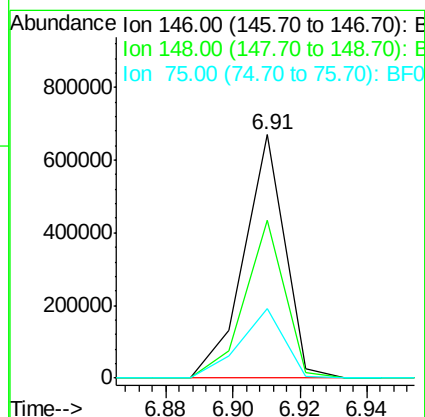
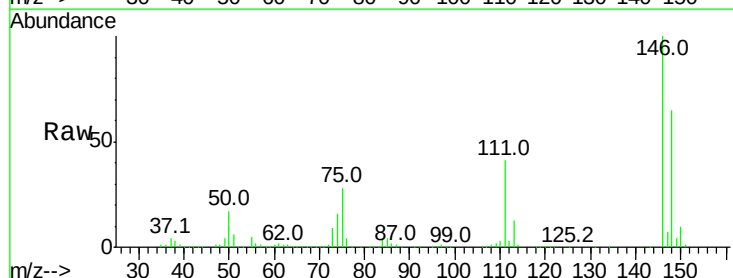
Tgt Ion: 146 Resp: 567170

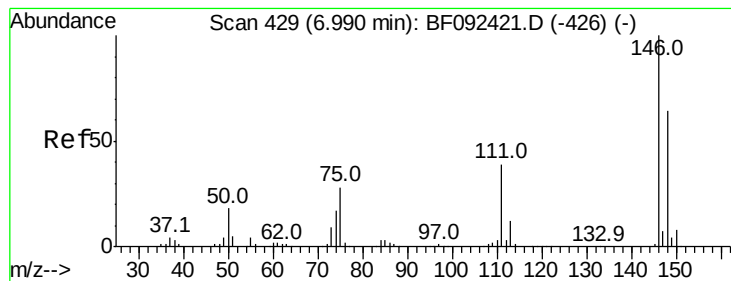
Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

75 28.5 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 47.98 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

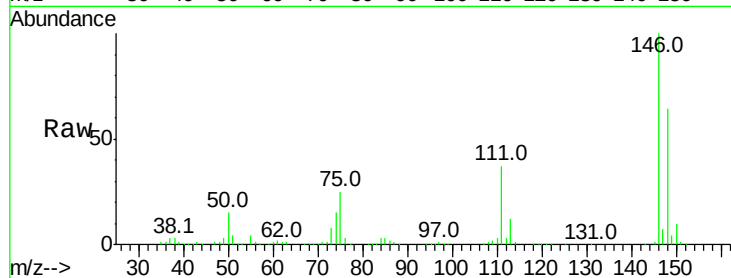
Tot Ion:146 Resp: 580593

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

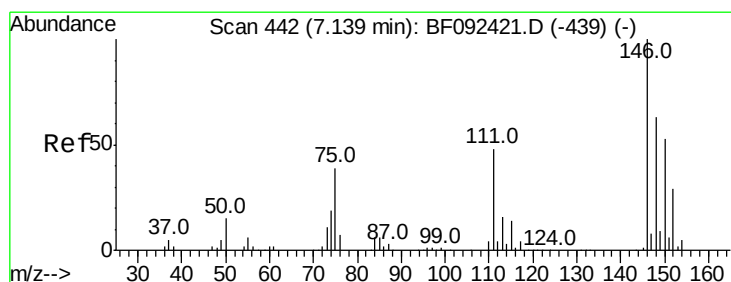
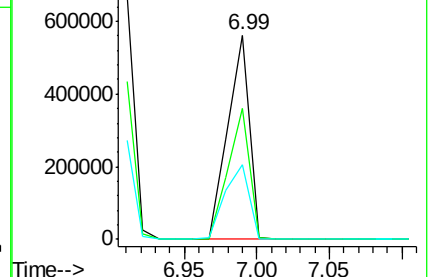
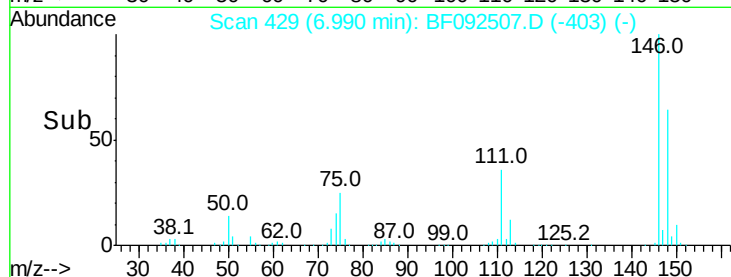
111 36.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.52 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

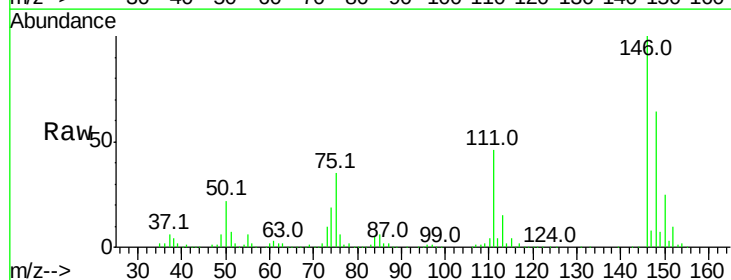
Tgt Ion:146 Resp: 499637

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

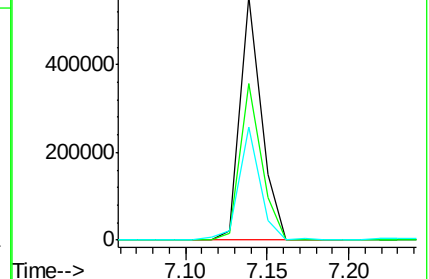
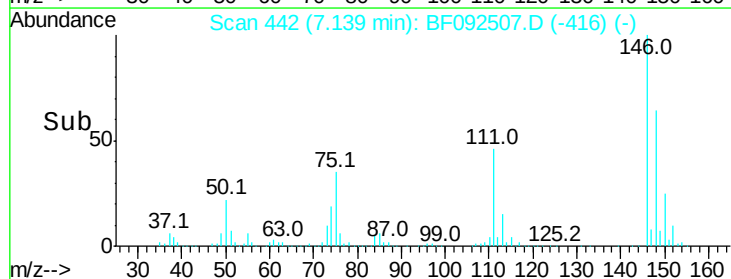
111 46.4 36.2 54.2

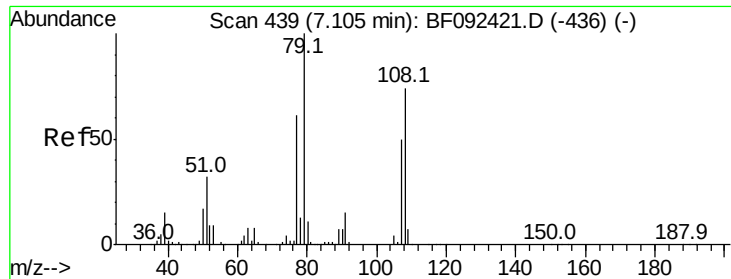


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.30 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

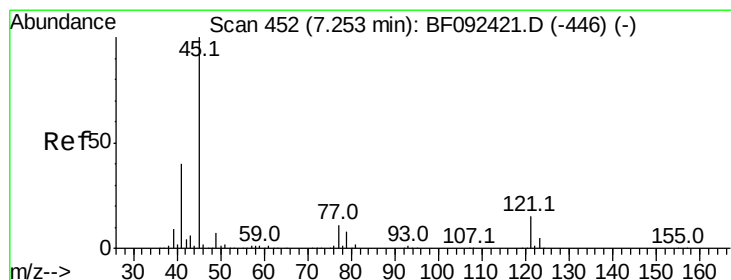
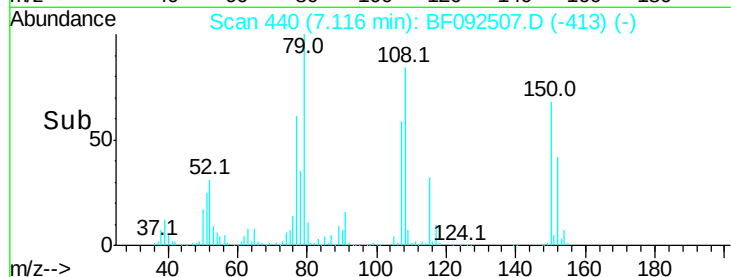
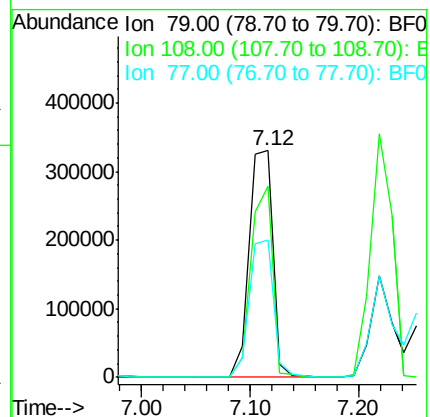
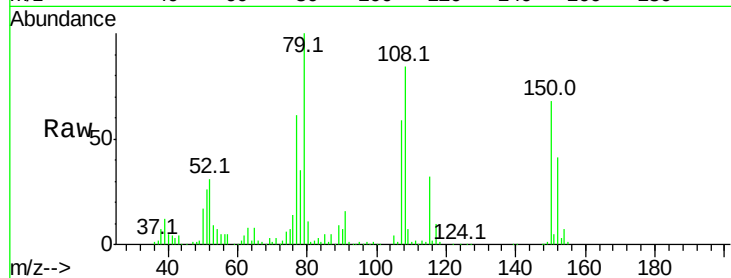
Tot Ion: 79 Resp: 495252

Ion Ratio Lower Upper

79 100

108 84.1 61.4 92.0

77 60.7 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.62 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

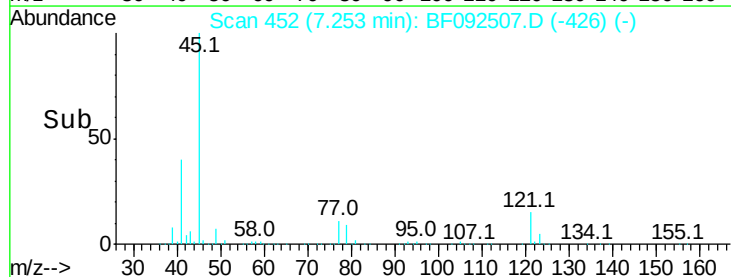
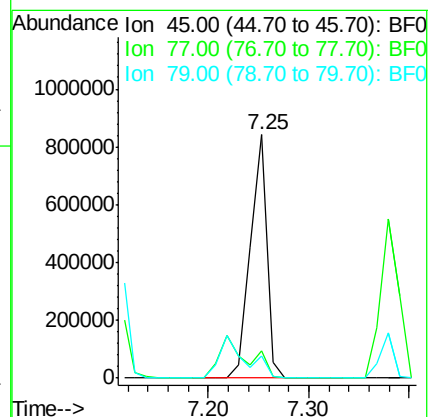
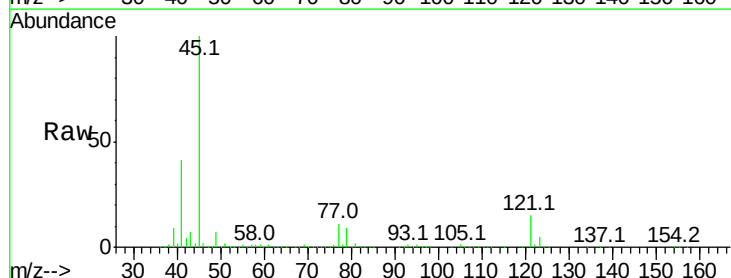
Tgt Ion: 45 Resp: 960663

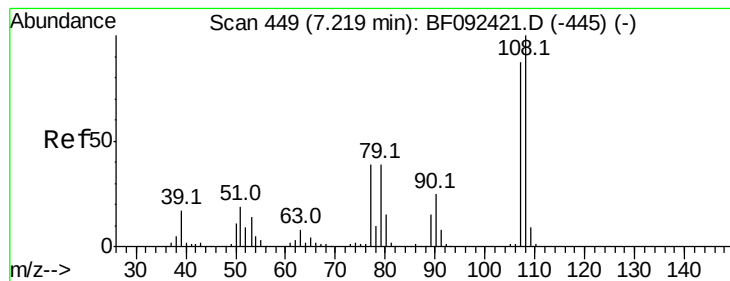
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.9 0.0 31.2

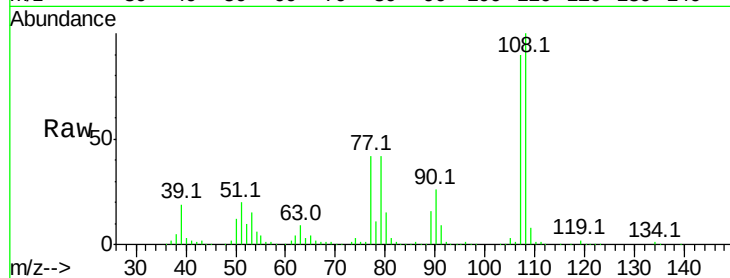




#17
2-Methylphenol
Concen: 50.36 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.0	139.6
77	46.6	39.8	59.8
79	46.5	38.0	57.0



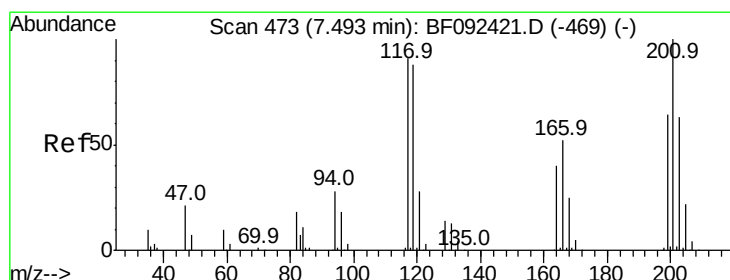
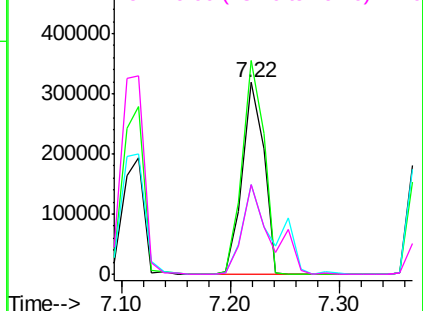
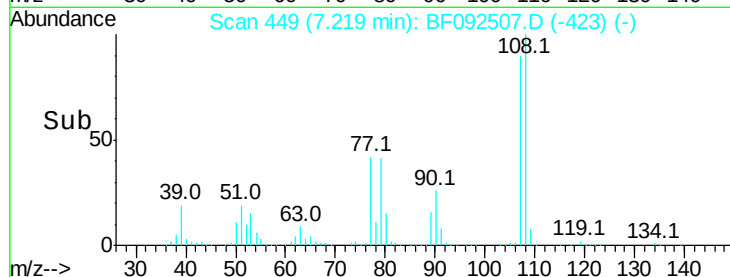
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

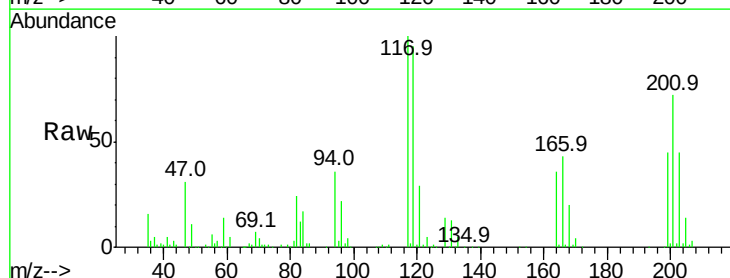
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.49 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.1	117.1
201	72.0	78.6	117.8#

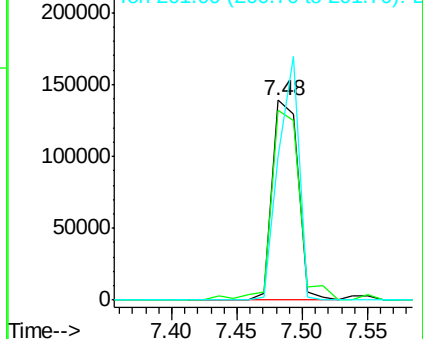
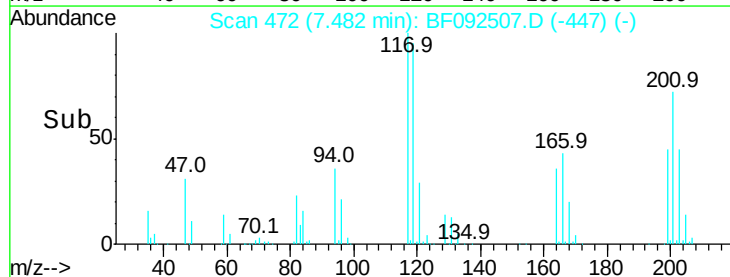


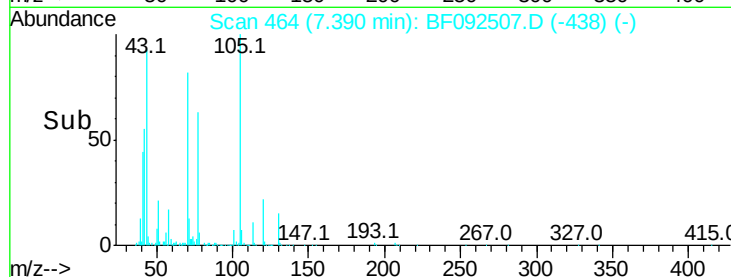
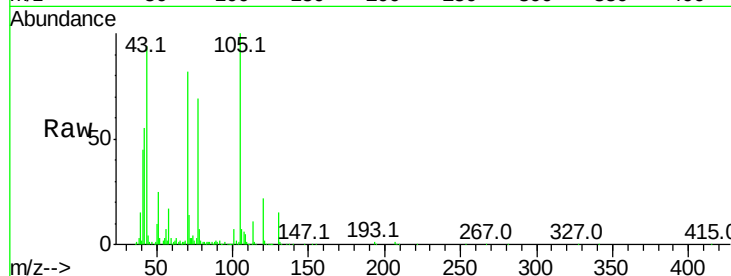
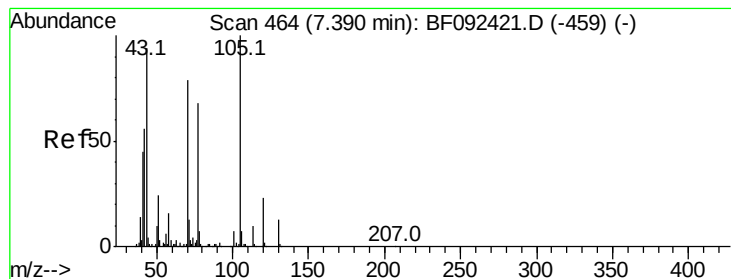
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.56 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

Tot Ion: 70 Resp: 374145

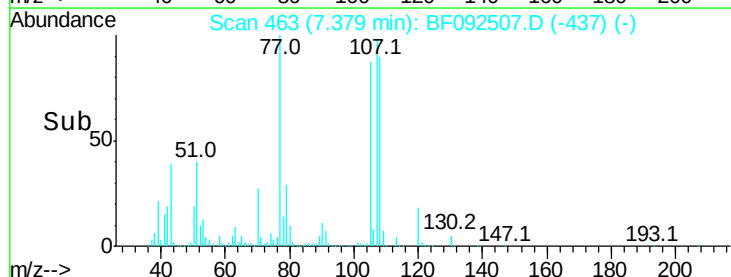
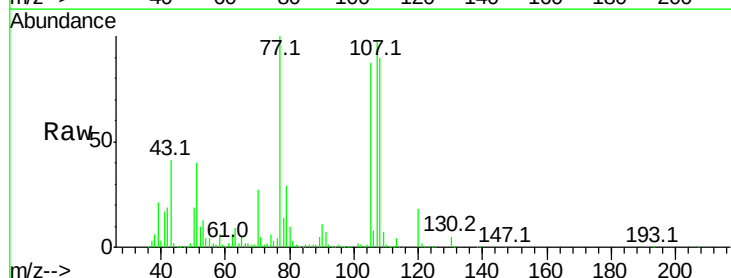
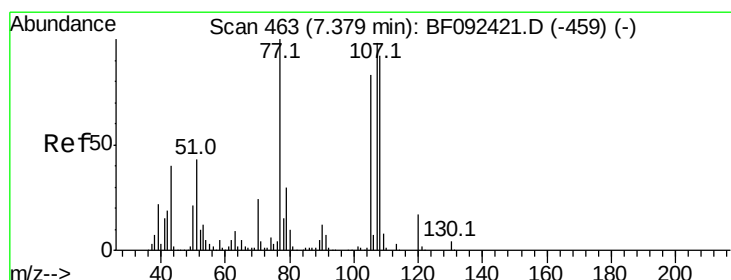
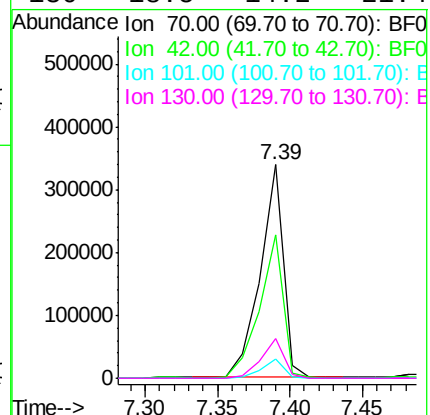
Ion Ratio Lower Upper

70 100

42 67.1 49.4 74.0

101 8.7 7.4 11.2

130 18.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 48.96 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Tgt Ion: 107 Resp: 515982

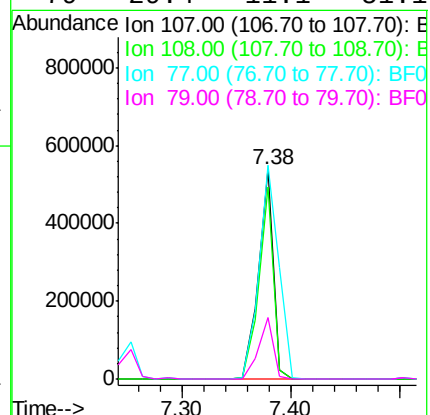
Ion Ratio Lower Upper

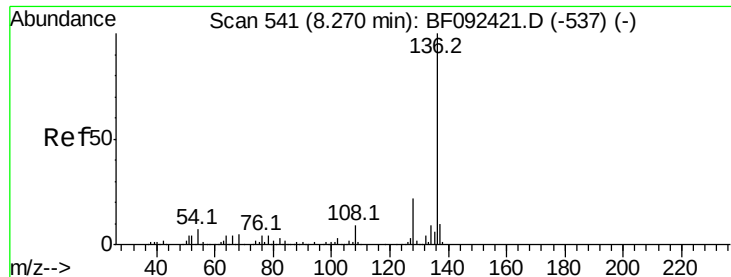
107 100

108 91.5 73.0 113.0

77 101.8 71.3 111.3

79 29.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

Tot Ion:136 Resp: 587370

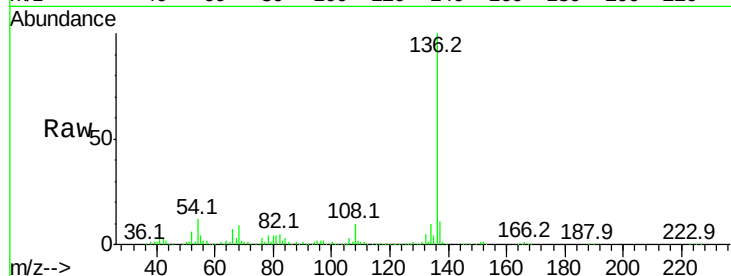
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.2 4.5 6.7#

68 8.6 3.6 5.4#

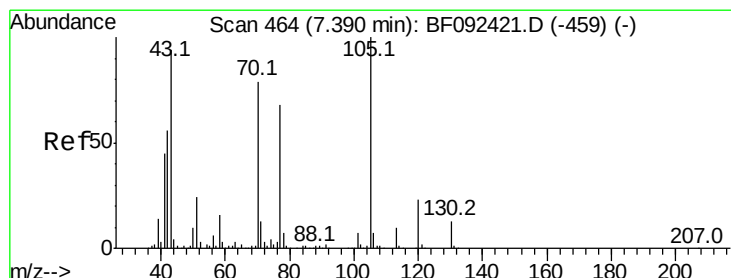
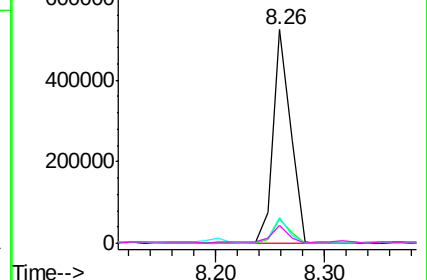
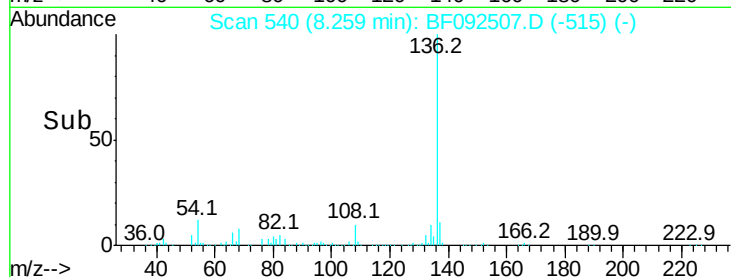


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 50.52 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Tgt Ion:105 Resp: 706687

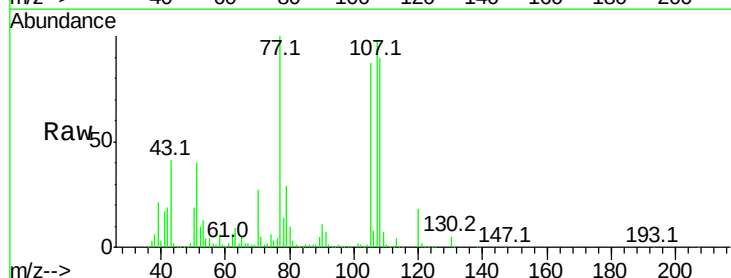
Ion Ratio Lower Upper

105 100

71 5.7 3.2 4.8#

51 45.9 26.2 39.4#

120 20.4 16.6 24.8

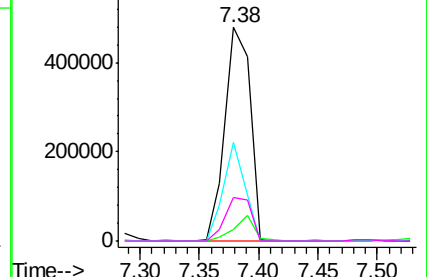
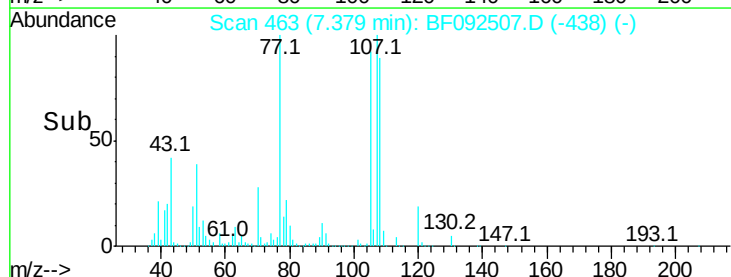


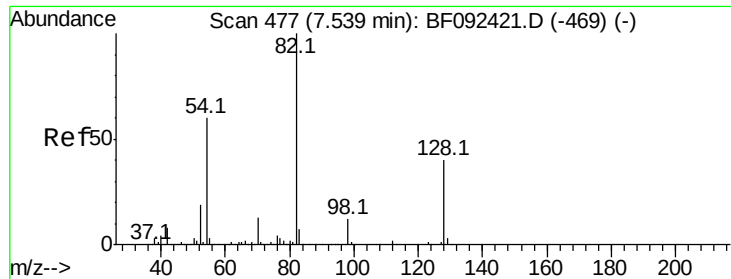
Abundance Ion 105.00 (104.70 to 105.70): E

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

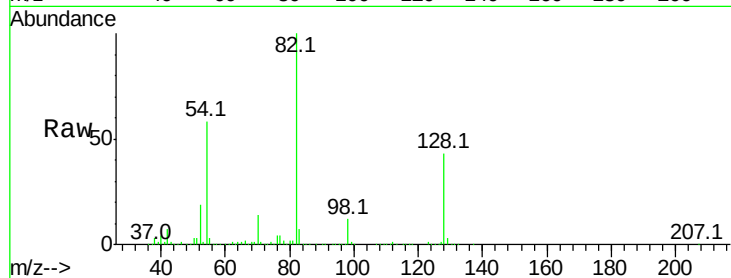




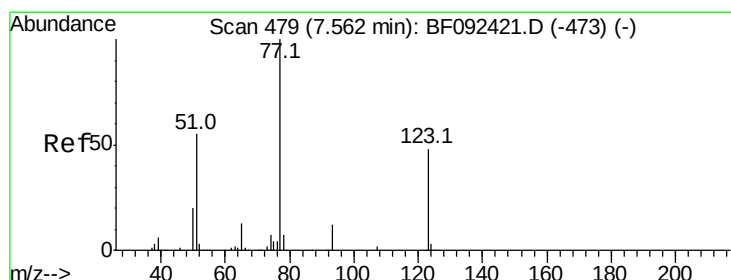
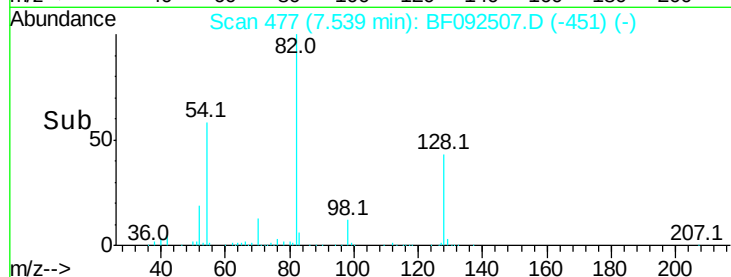
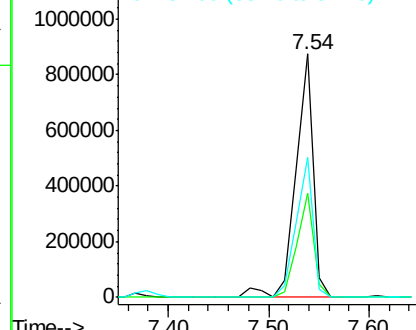
#23
Nitrobenzene-d5
Concen: 97.54 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

Tot Ion: 82 Resp: 1048837
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 57.7 39.5 59.3

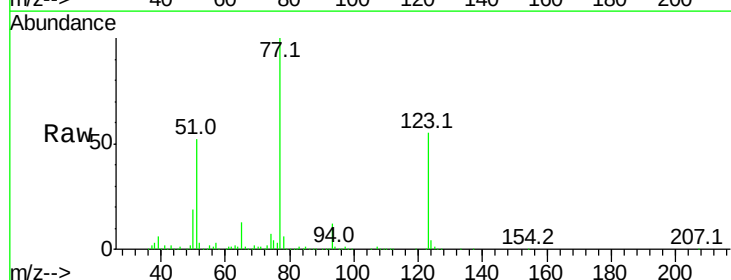


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

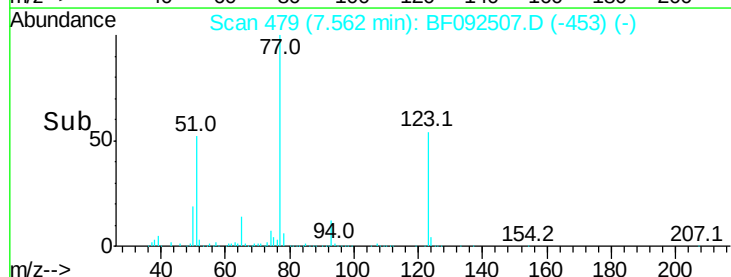
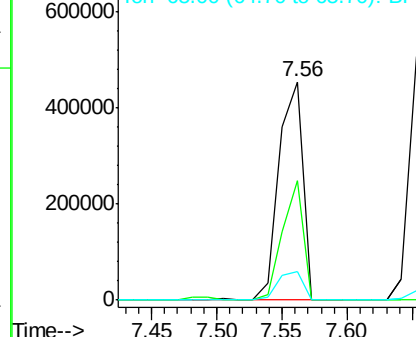


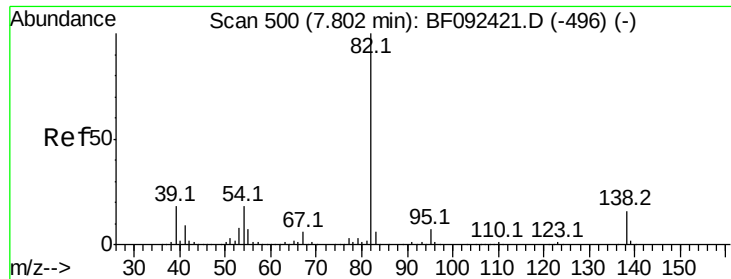
#24
Nitrobenzene
Concen: 51.84 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion: 77 Resp: 583952
Ion Ratio Lower Upper
77 100
123 54.7 33.0 49.4#
65 13.3 11.2 16.8



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





#25

Isophorone

Concen: 49.79 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

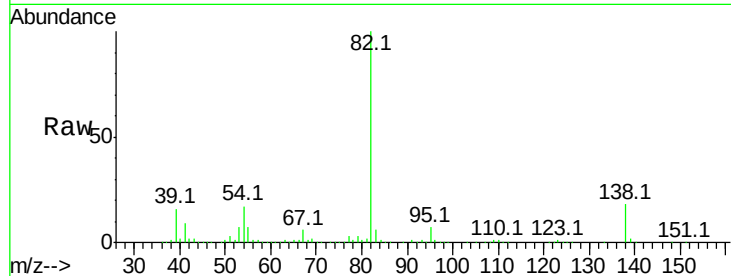
Tot Ion: 82 Resp: 1055068

Ion Ratio Lower Upper

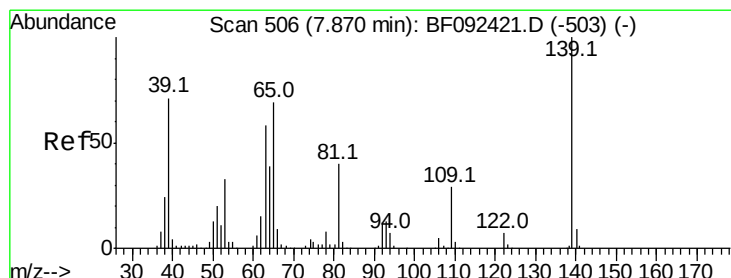
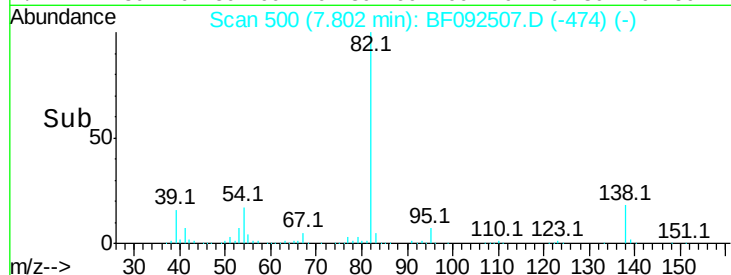
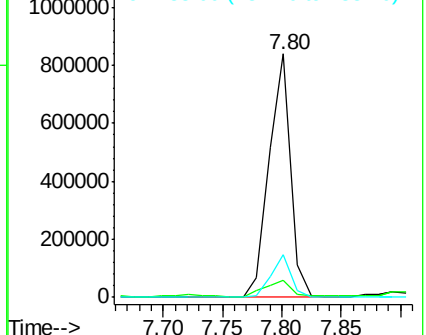
82 100

95 7.1 5.6 8.4

138 17.6 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: 55.51 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

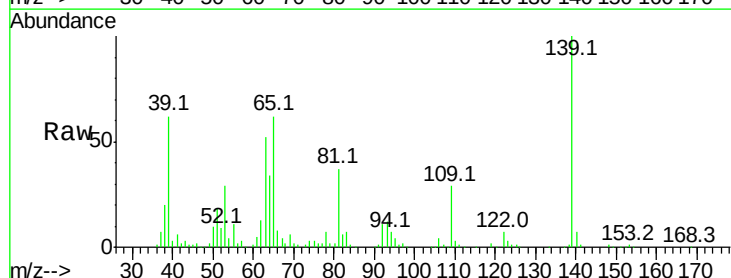
Tgt Ion: 139 Resp: 262015

Ion Ratio Lower Upper

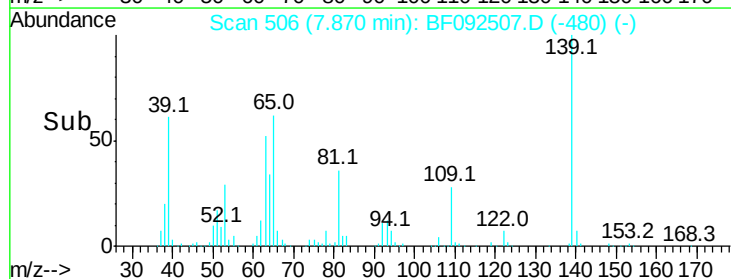
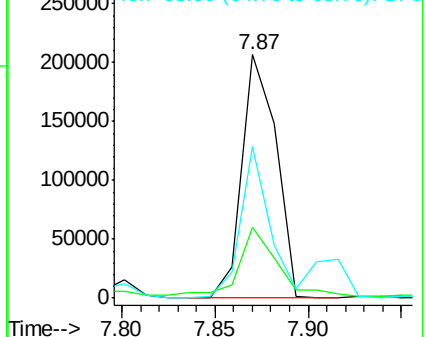
139 100

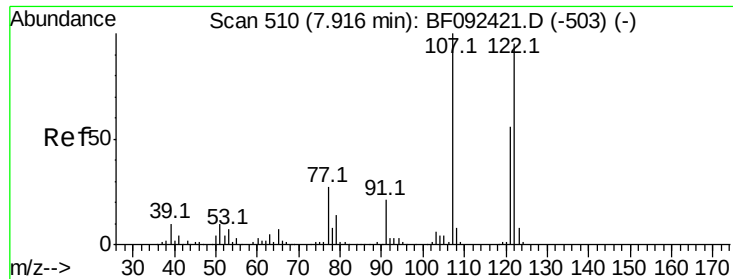
109 29.1 23.3 34.9

65 62.4 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: 50.63 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

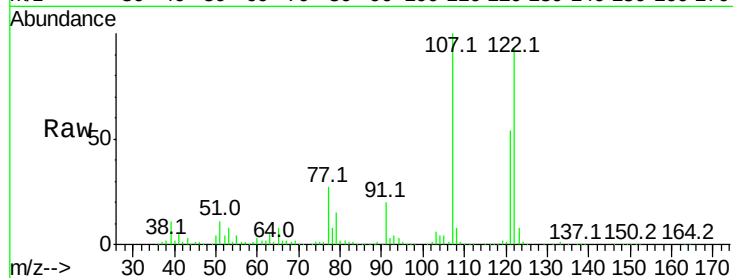
Tot Ion:122 Resp: 497023

Ion Ratio Lower Upper

122 100

107 108.0 94.1 141.1

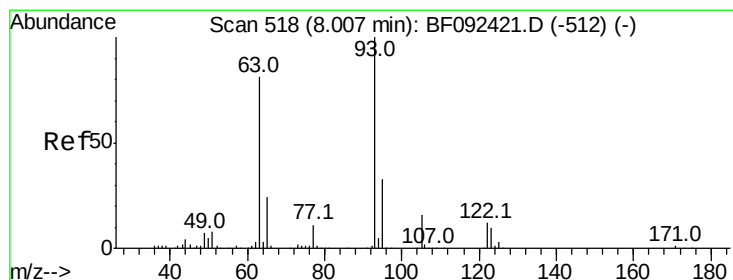
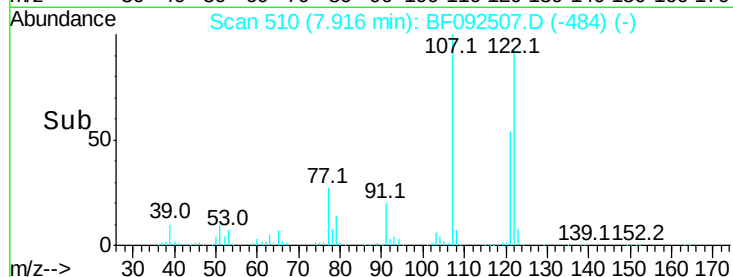
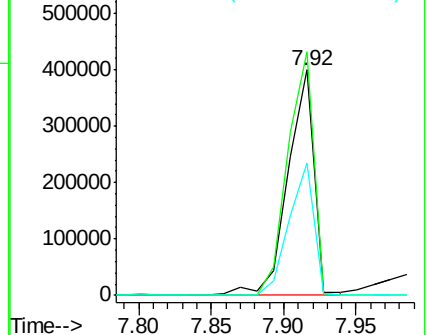
121 58.7 46.0 69.0



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: 43.90 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

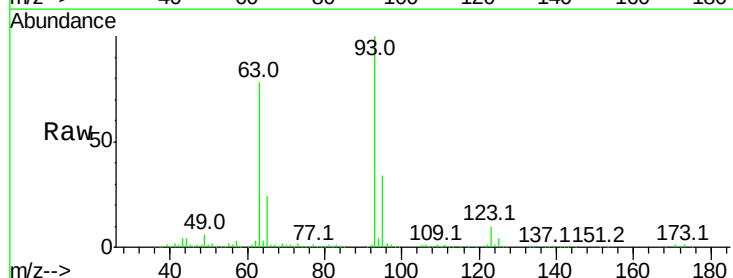
Tgt Ion: 93 Resp: 610608

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

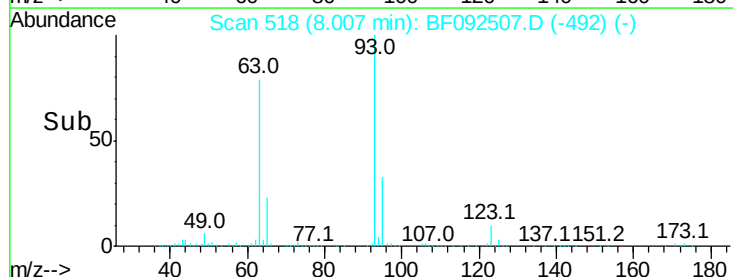
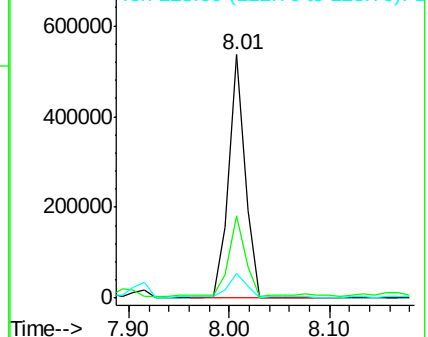
123 9.9 8.6 13.0

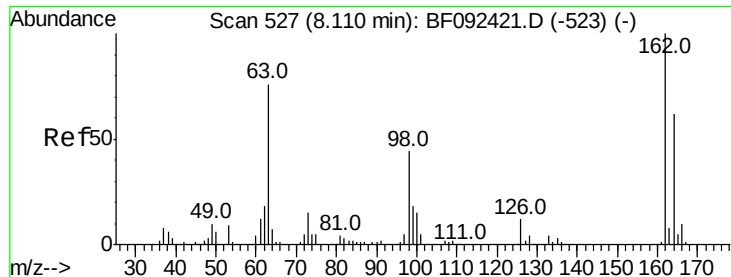


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

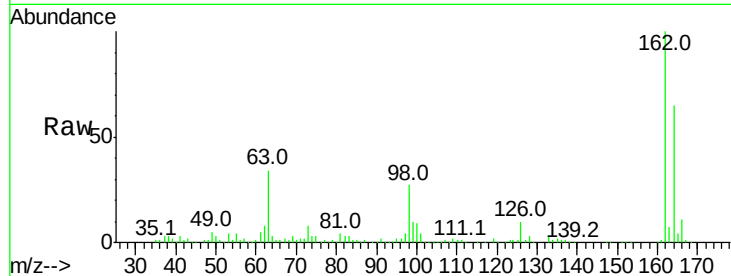




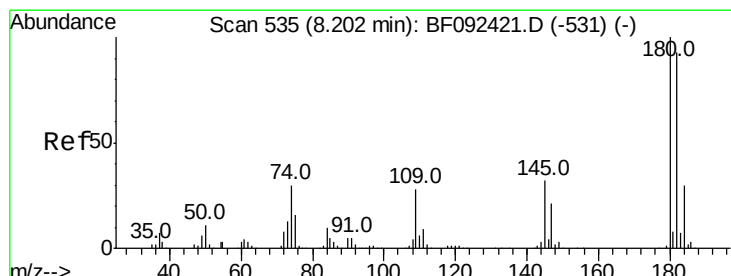
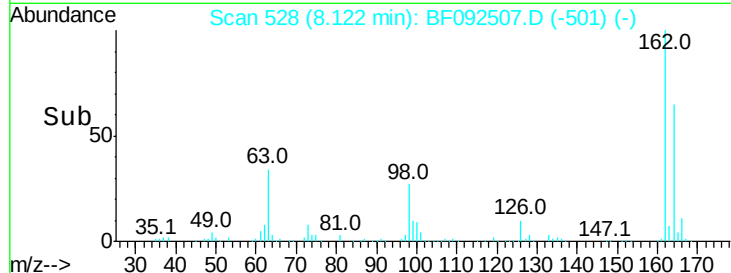
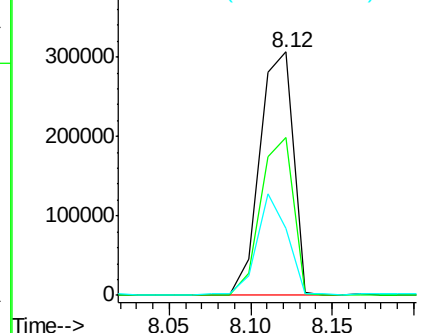
#29
 2,4-Dichlorophenol
 Concen: 51.60 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.8	86.8
98	27.3	9.1	49.1

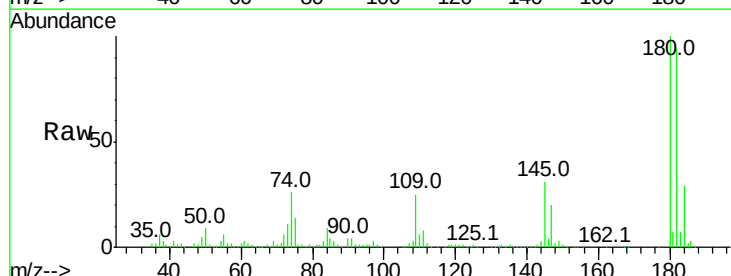


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

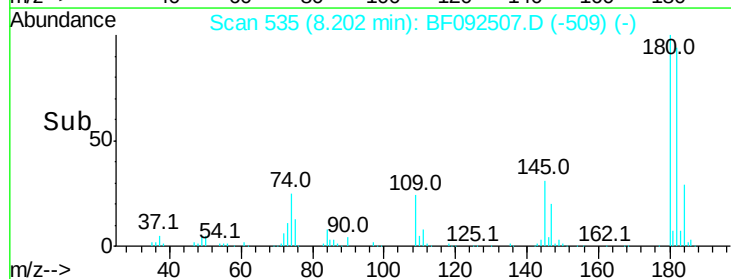
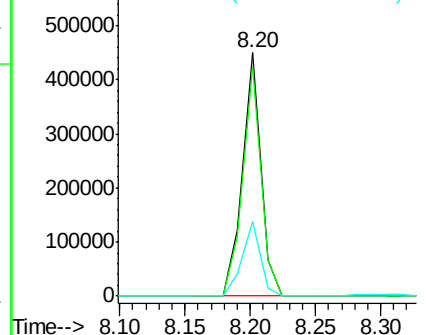


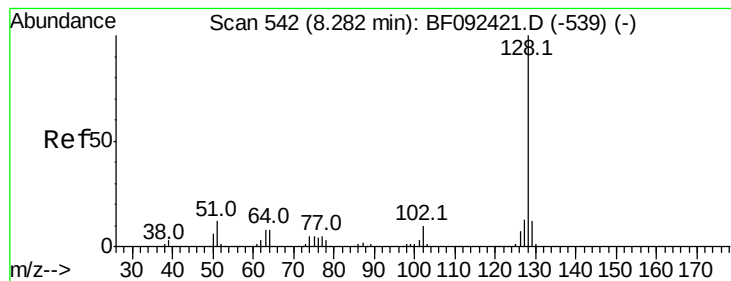
#30
 1,2,4-Trichlorobenzene
 Concen: 47.78 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	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: 45.50 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

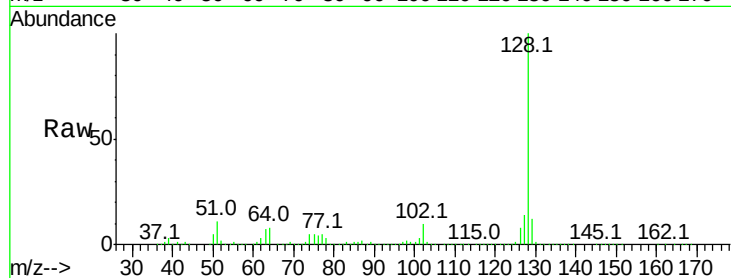
Tot Ion:128 Resp: 1367967

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

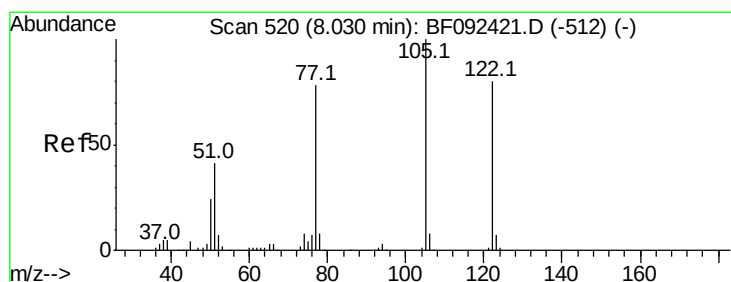
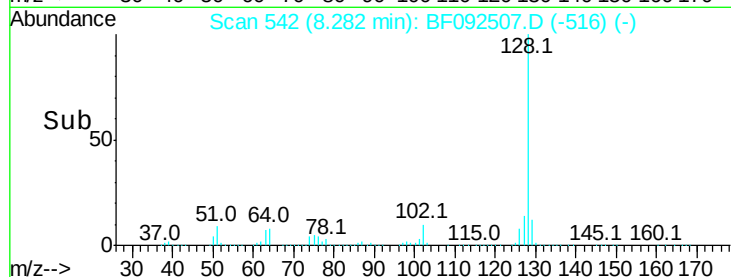
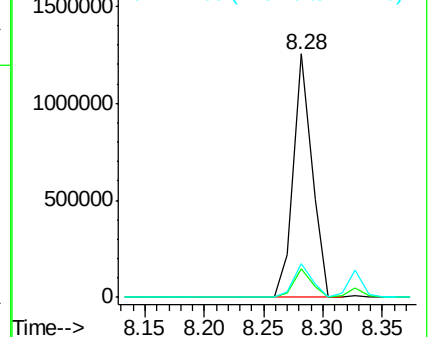
127 13.7 10.8 16.2



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: 17.95 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

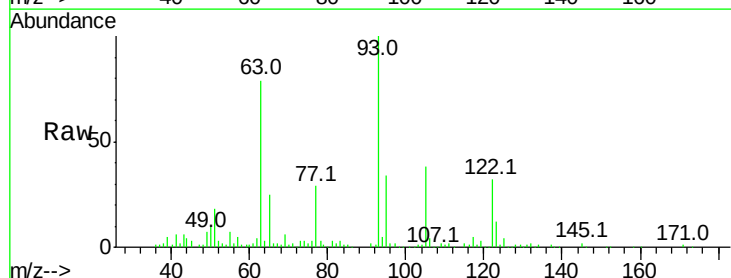
Tgt Ion:122 Resp: 107788

Ion Ratio Lower Upper

122 100

105 119.7 107.2 147.2

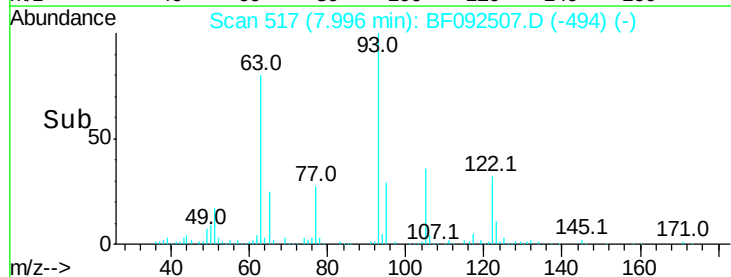
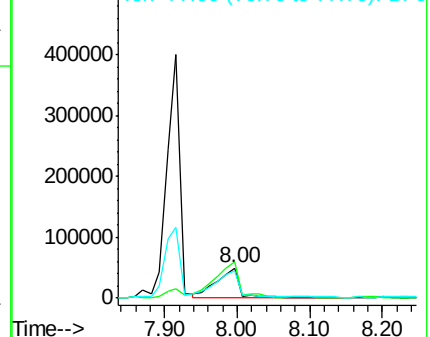
77 91.1 74.5 114.5

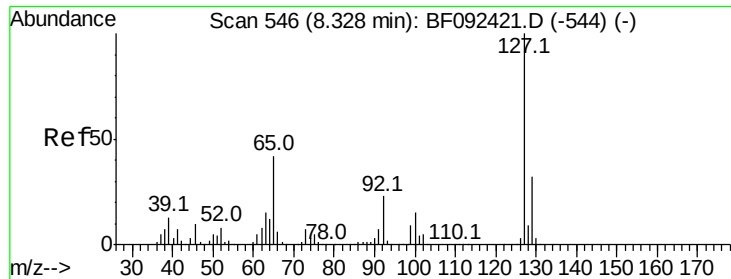


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

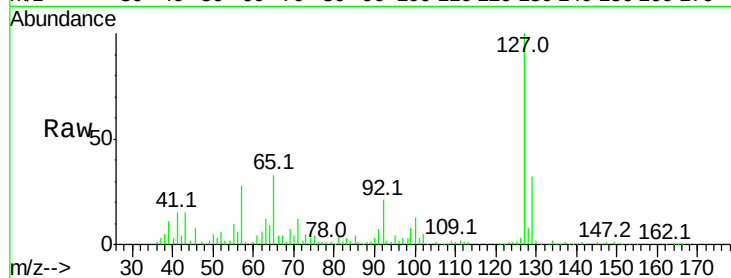




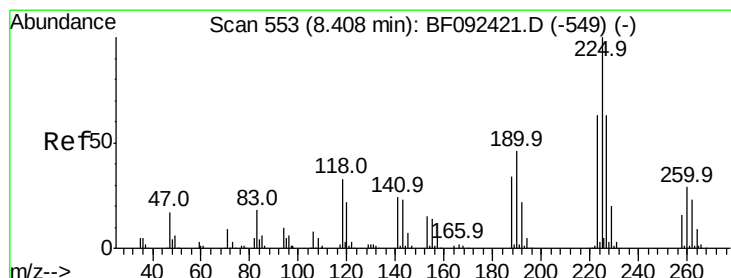
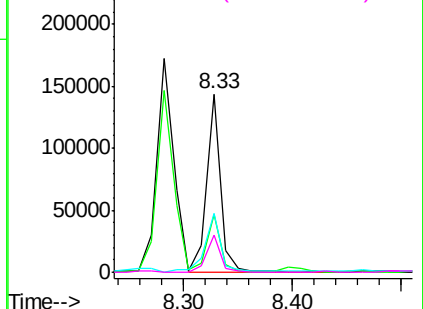
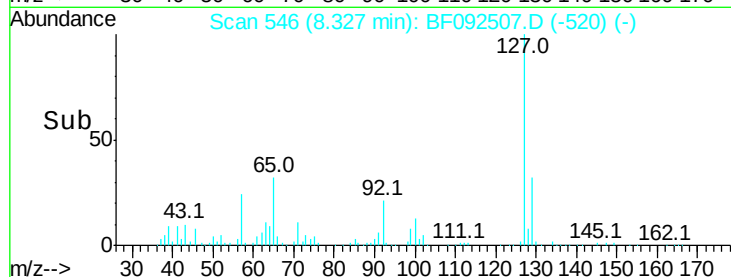
#33
4-Chloroaniline
Concen: 10.25 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

Tot Ion:	127	Resp:	130393
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	32.8	25.8	38.8
92	21.1	16.1	24.1

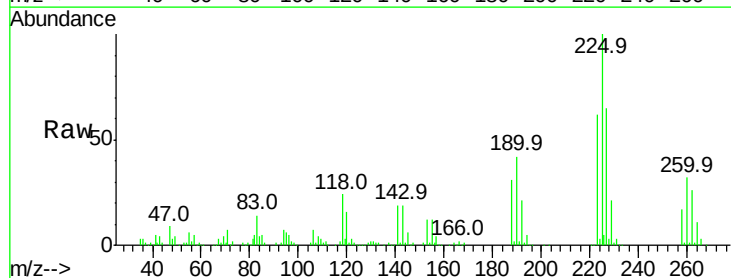


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

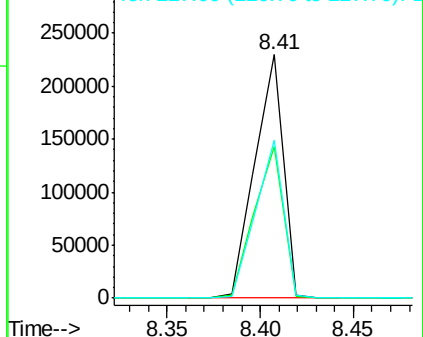
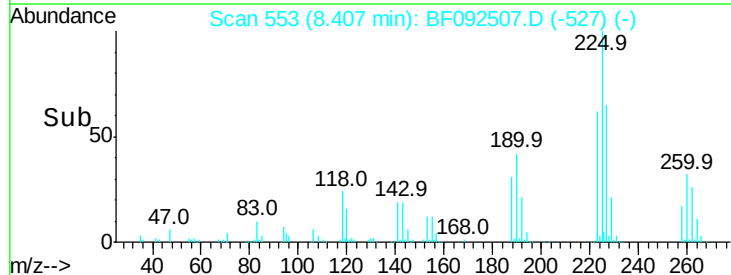


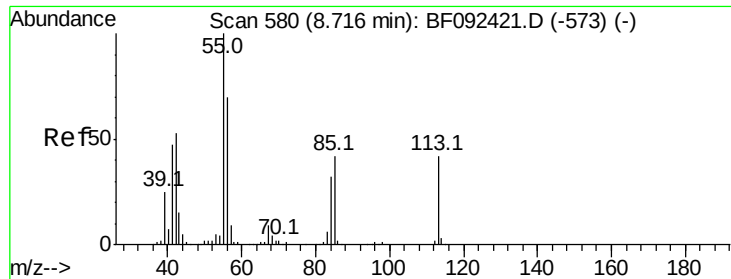
#34
Hexachlorobutadiene
Concen: 48.12 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion:	225	Resp:	242150
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	64.9	50.6	76.0



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

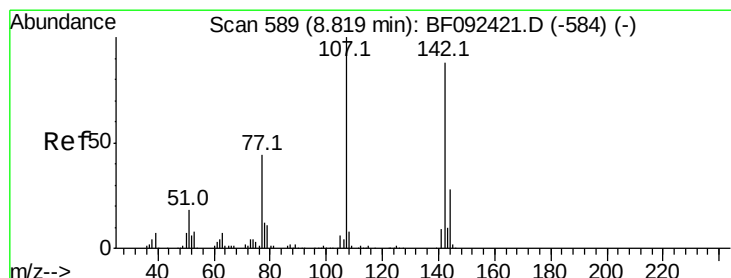
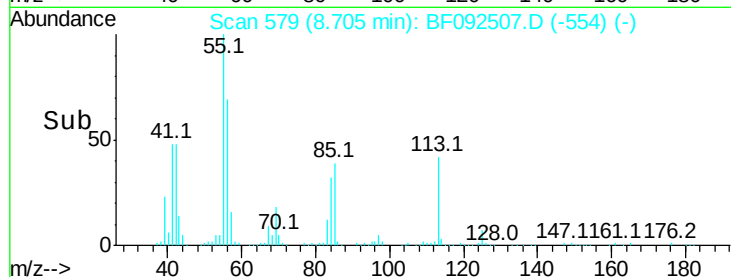
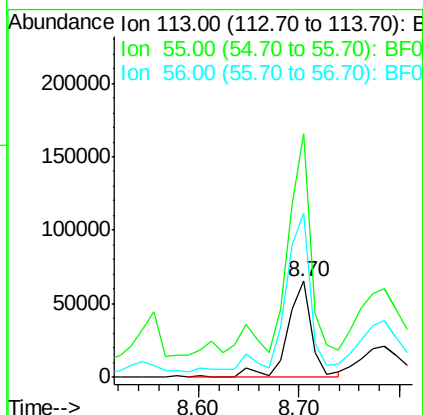
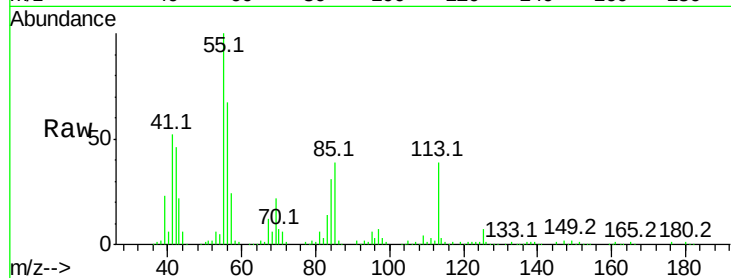




#35
 Caprolactam
 Concen: 38.60 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

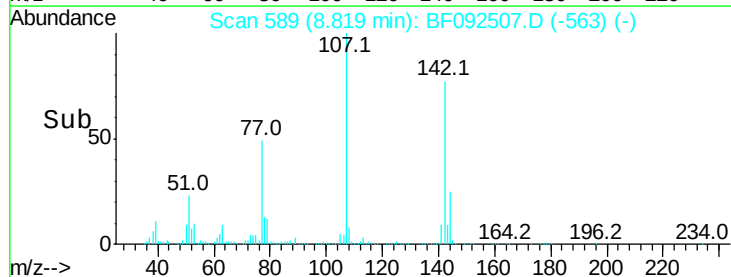
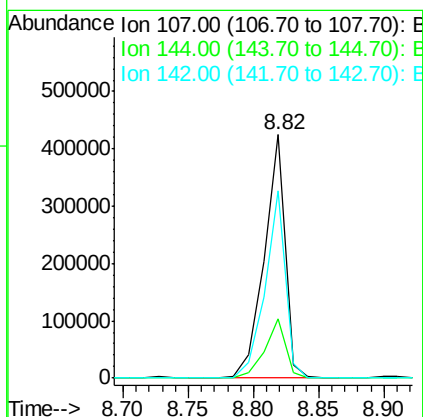
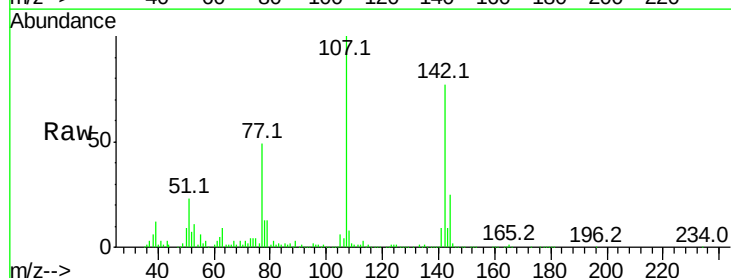
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

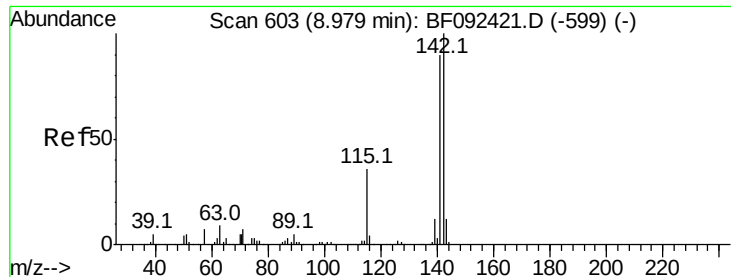
Tot Ion:113 Resp: 109703
 Ion Ratio Lower Upper
 113 100
 55 254.0 119.2 159.2#
 56 171.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 51.85 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion:107 Resp: 475900
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 76.9 59.0 88.6

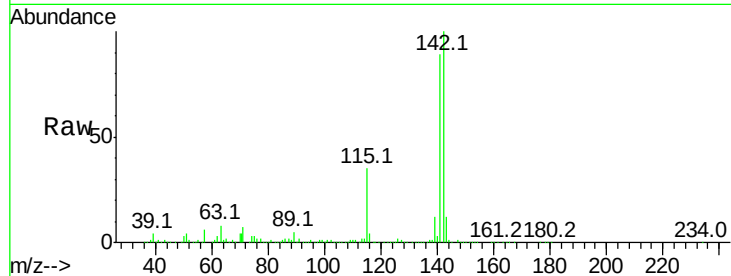




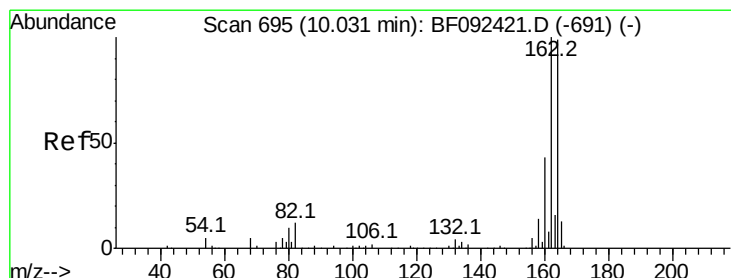
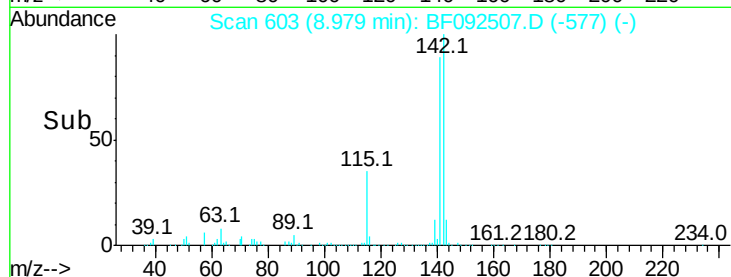
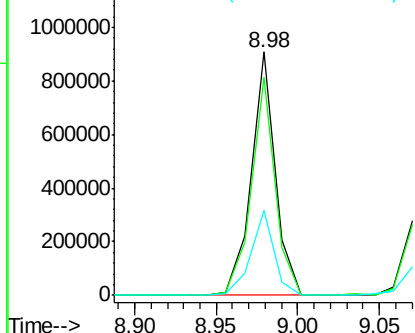
#37
2-Methylnaphthalene
Concen: 48.57 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

Tot Ion:142 Resp: 924316
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.7 28.3 42.5

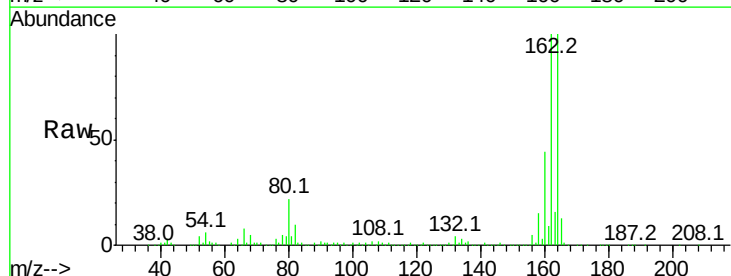


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

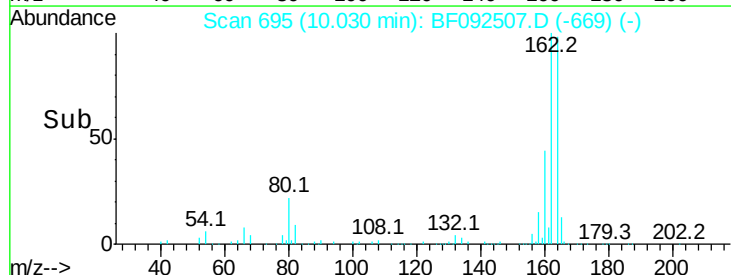
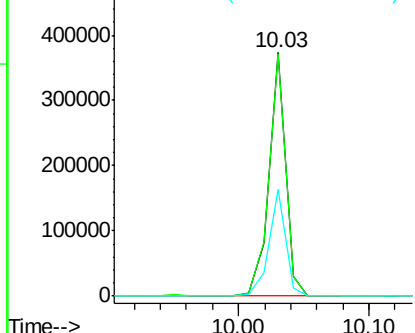


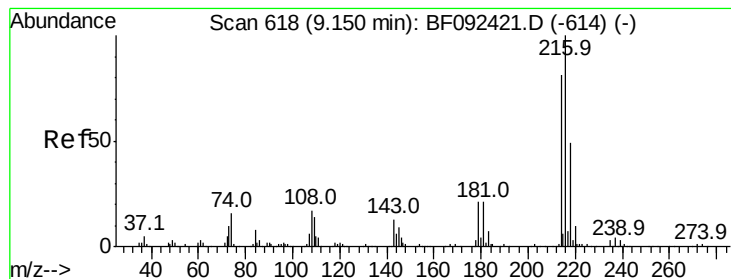
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion:164 Resp: 336870
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.7 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: 52.09 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

Tot Ion:216 Resp: 442663

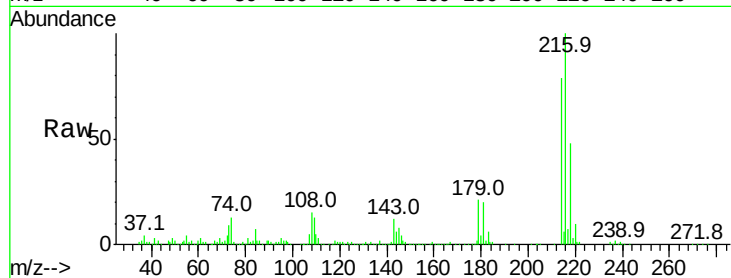
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 22.5 17.4 26.2

108 19.6 15.6 23.4

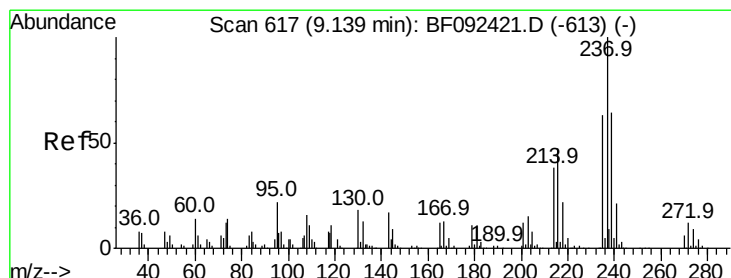
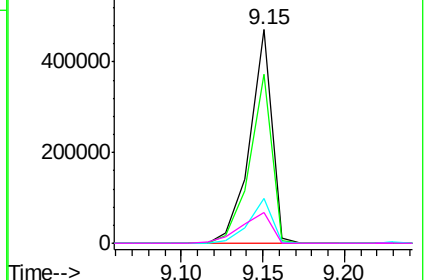
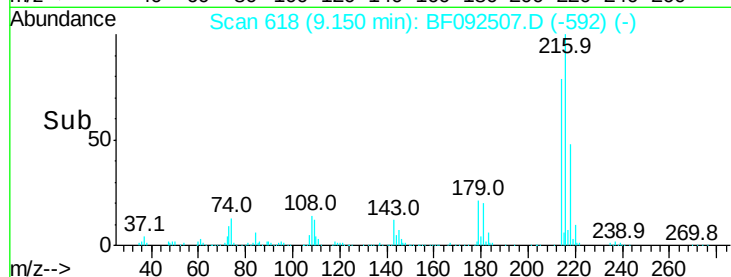


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.69 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

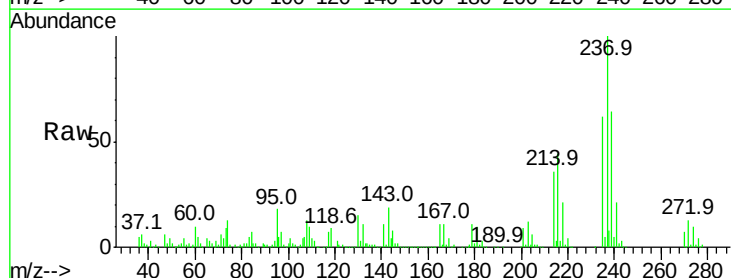
Tgt Ion:237 Resp: 330615

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

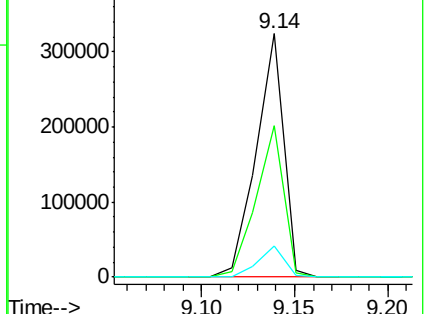
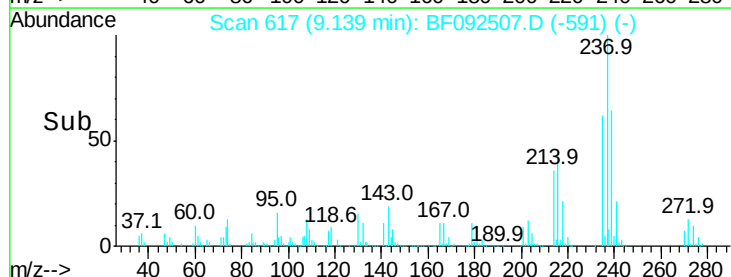
272 12.8 0.0 35.4

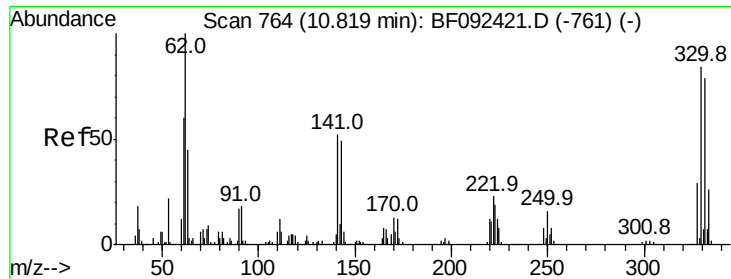


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 136.94 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

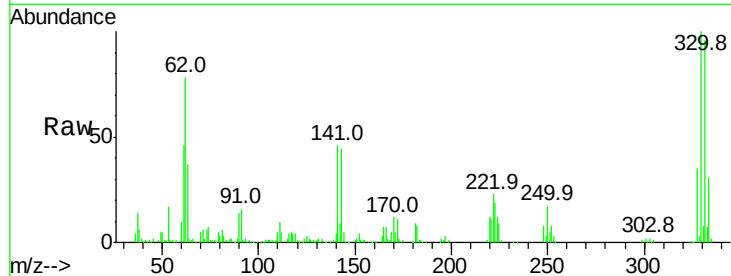
Tot Ion:330 Resp: 314356

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

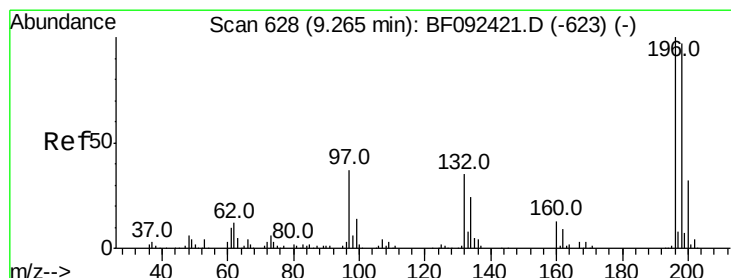
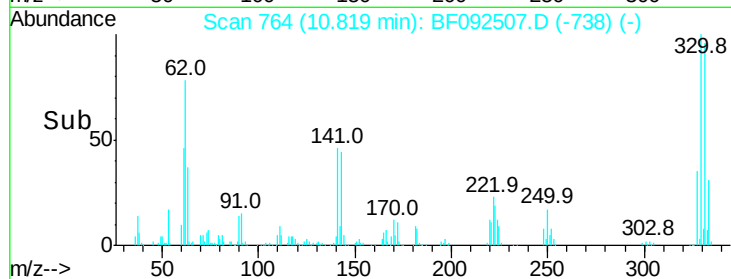
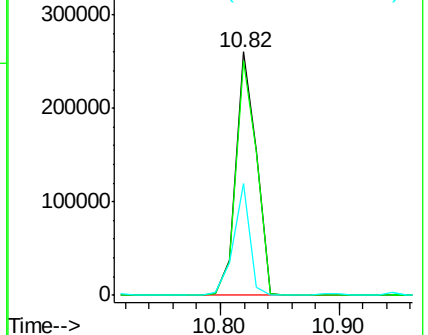
141 36.7 34.1 51.1



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: 49.92 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

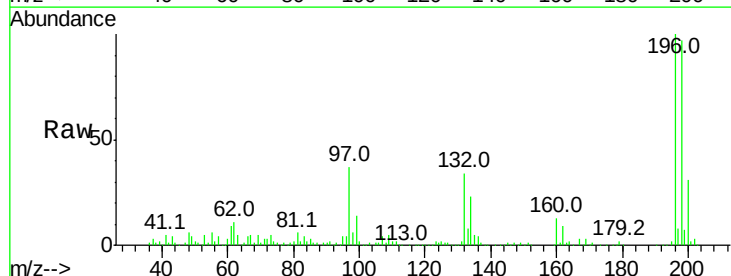
Tgt Ion:196 Resp: 325001

Ion Ratio Lower Upper

196 100

198 96.9 82.1 123.1

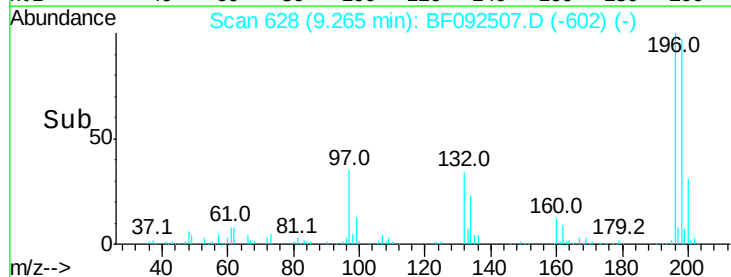
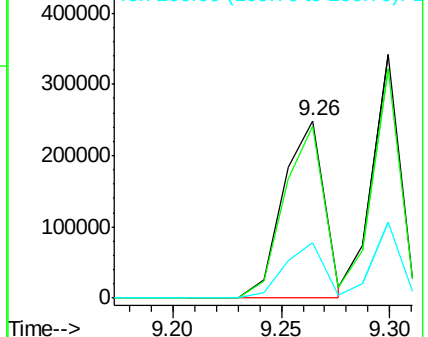
200 31.1 27.0 40.4

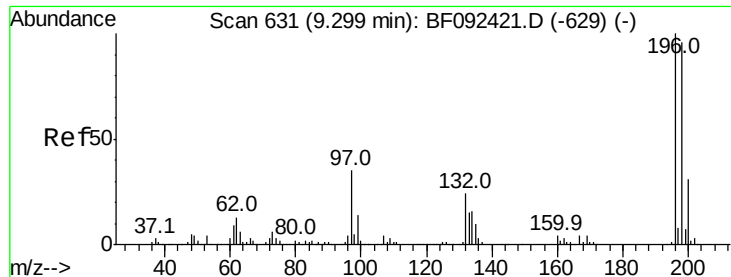


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

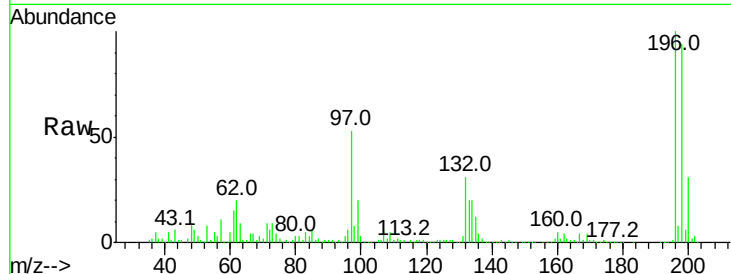




#43
 2,4,5-Trichlorophenol
 Concen: 51.13 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.4	119.2
97	52.6	51.5	77.3
132	30.7	27.4	41.2



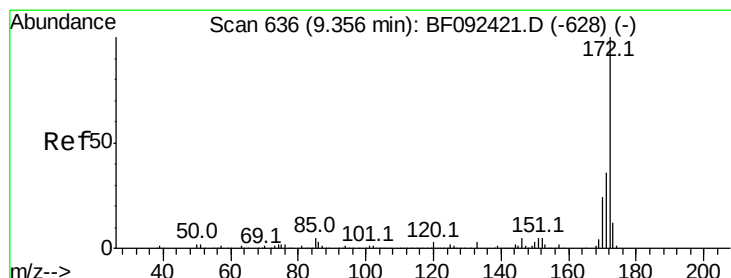
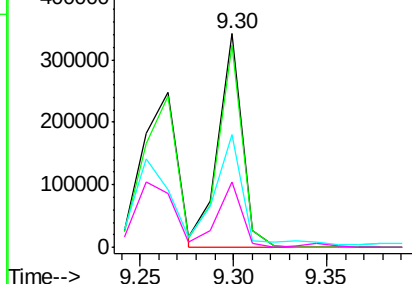
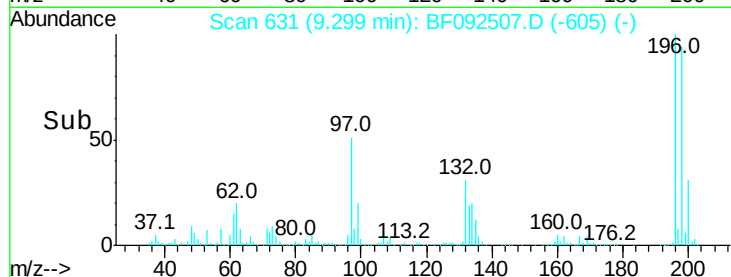
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

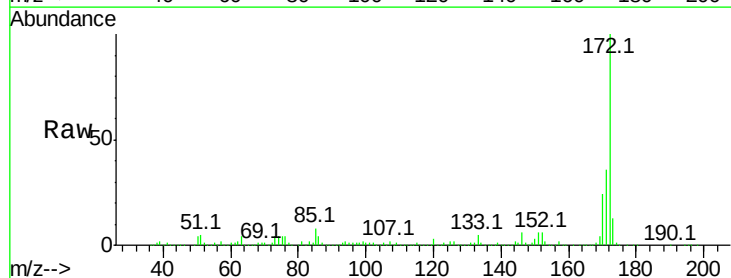
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.1	20.2	30.4

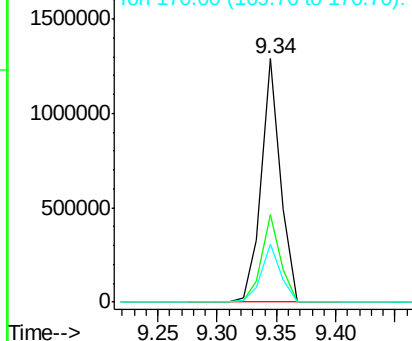
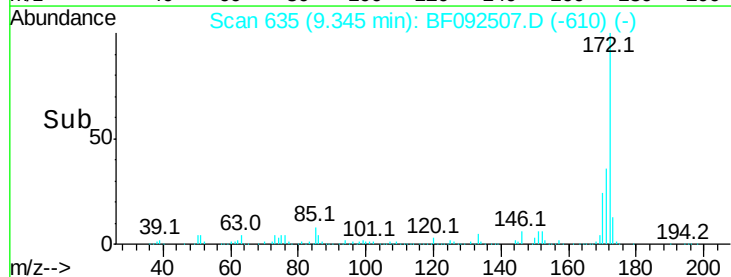


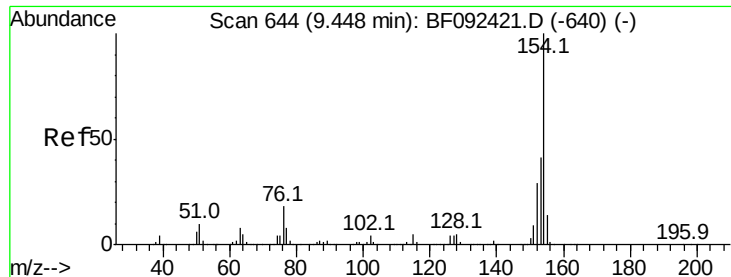
Abundance

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: 45.03 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

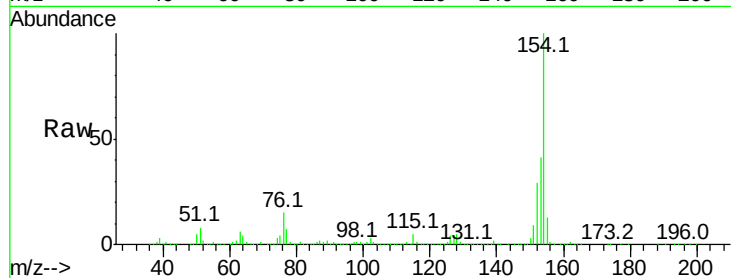
Tot Ion:154 Resp: 1096525

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

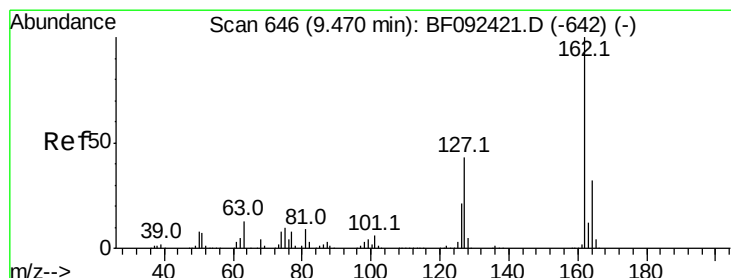
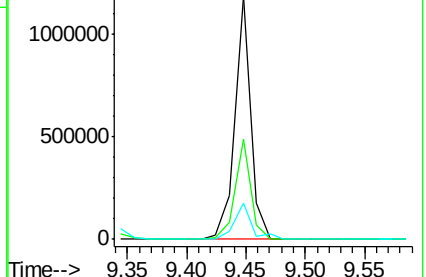
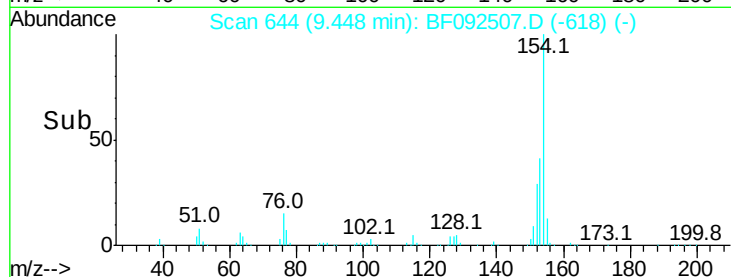
76 15.1 0.0 30.5



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: 42.82 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

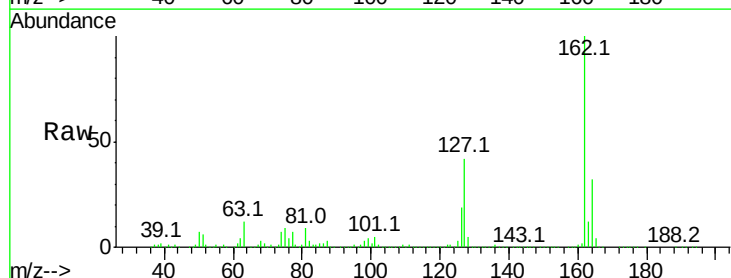
Tgt Ion:162 Resp: 851646

Ion Ratio Lower Upper

162 100

127 42.0 30.7 46.1

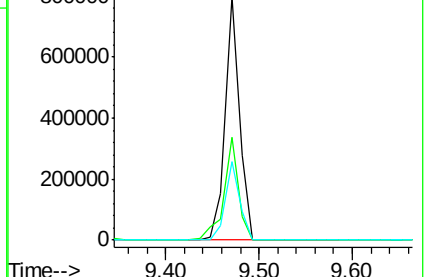
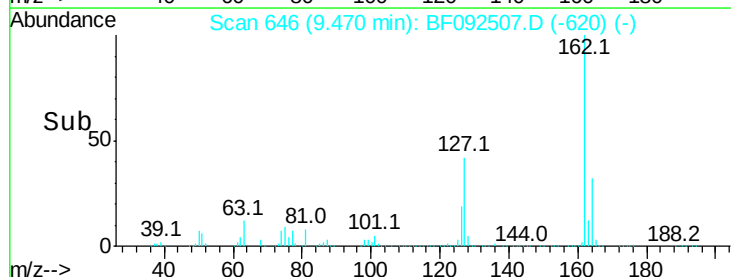
164 32.3 27.6 41.4

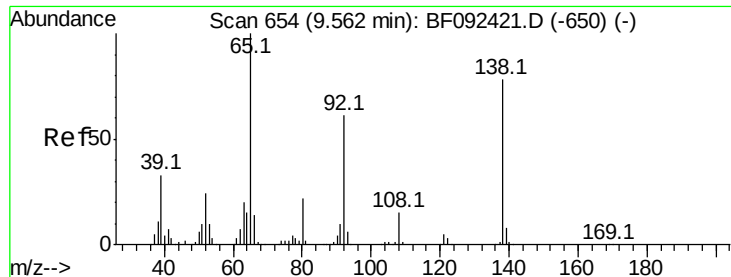


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.97 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

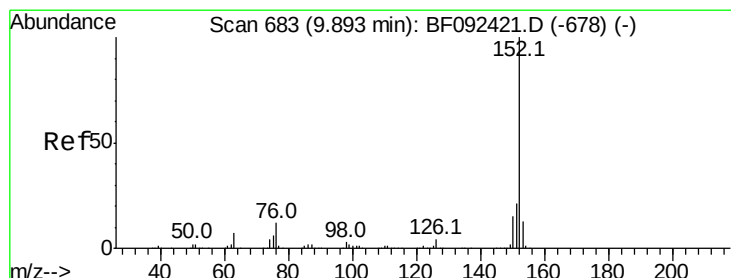
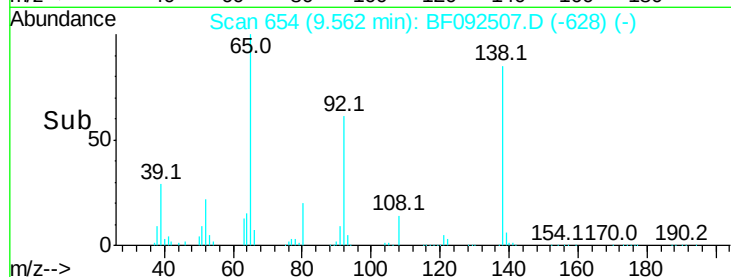
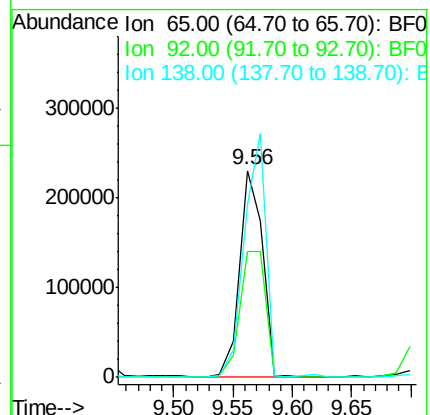
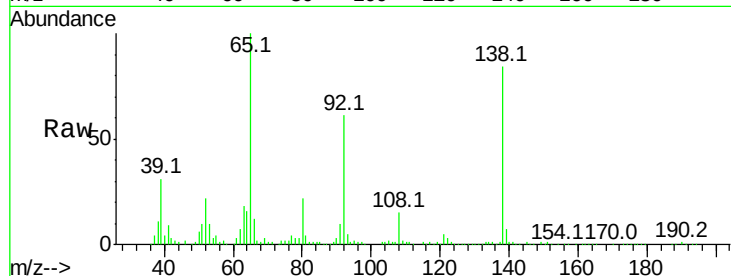
Tot Ion: 65 Resp: 307880

Ion Ratio Lower Upper

65 100

92 60.7 53.9 80.9

138 84.1 76.8 115.2



#48

Acenaphthylene

Concen: 49.94 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

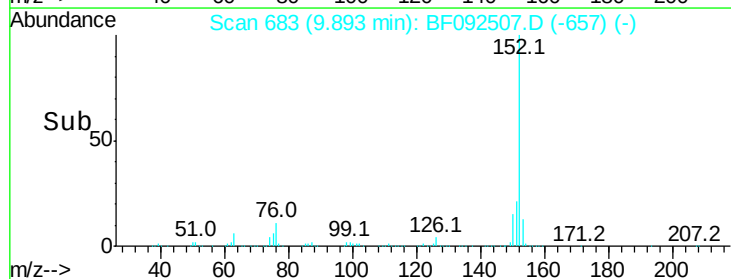
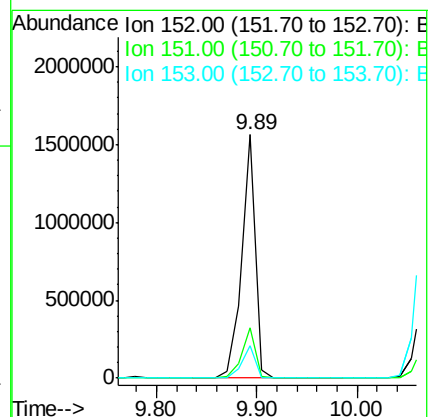
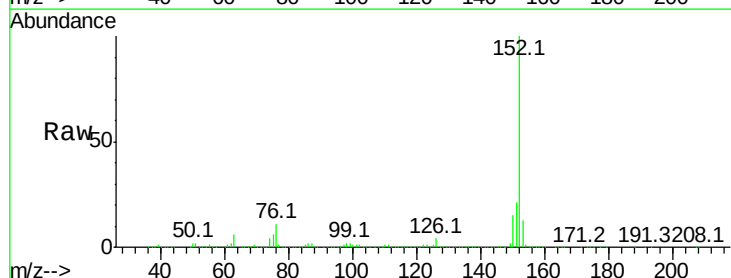
Tgt Ion: 152 Resp: 1456899

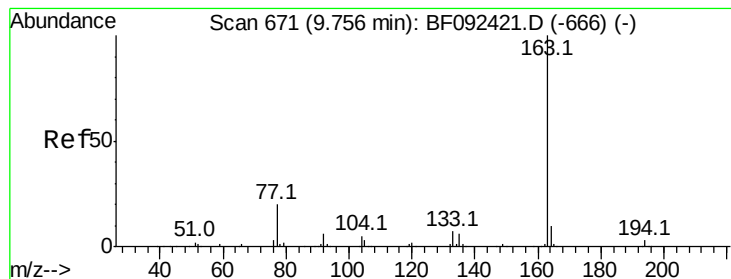
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 55.48 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

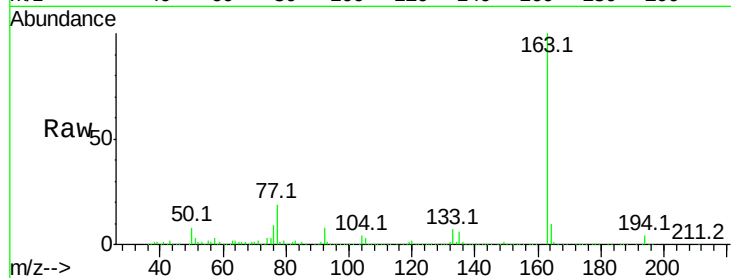
Tot Ion:163 Resp: 1188488

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

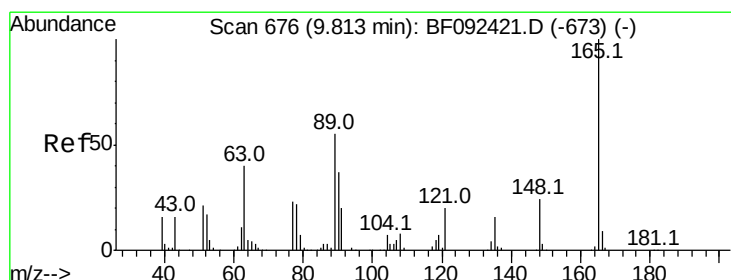
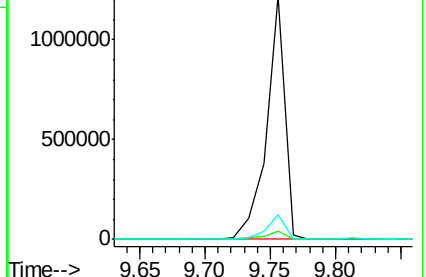
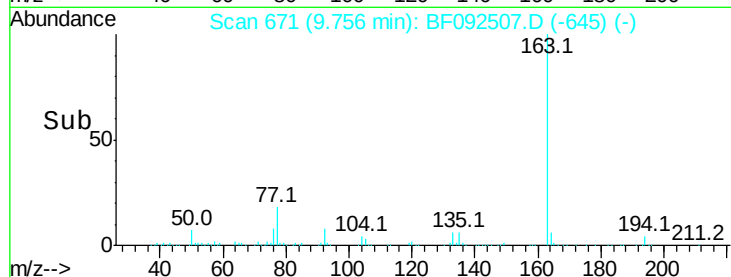
164 10.3 8.0 12.0



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: 58.02 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

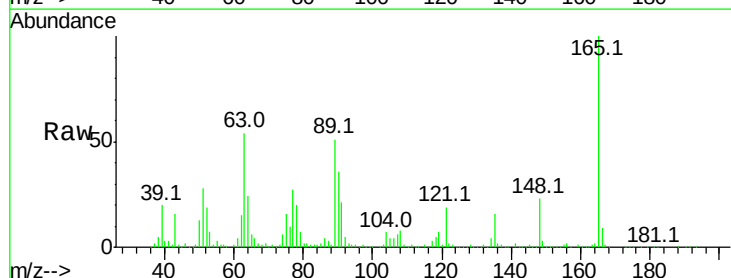
Tgt Ion:165 Resp: 254059

Ion Ratio Lower Upper

165 100

63 54.5 36.2 54.4#

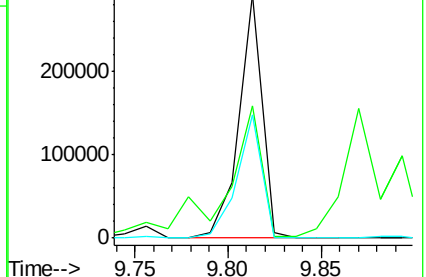
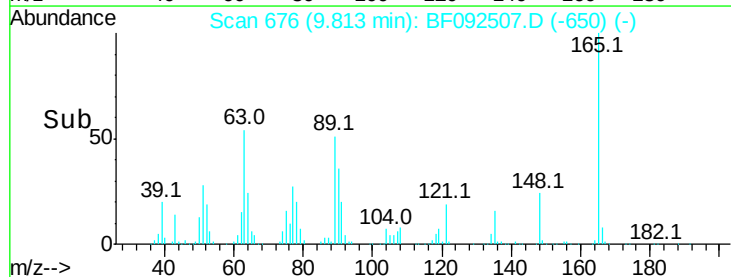
89 50.9 40.2 60.4

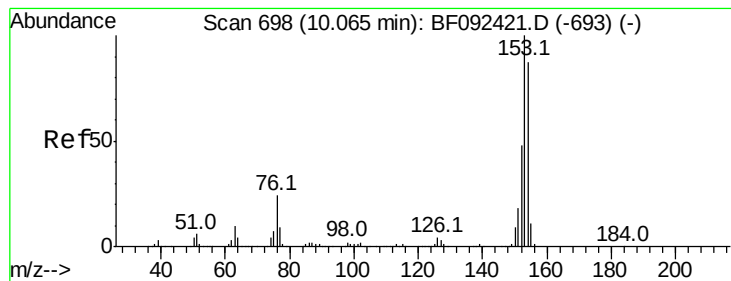


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.95 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

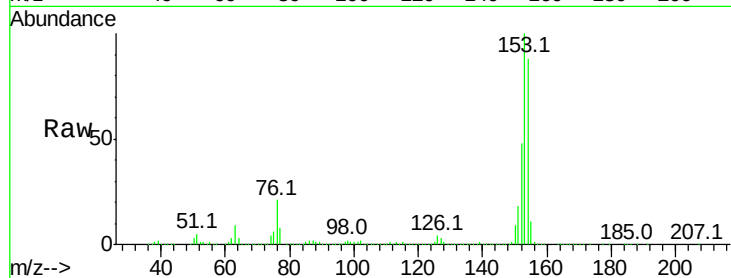
Tot Ion:154 Resp: 959785

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

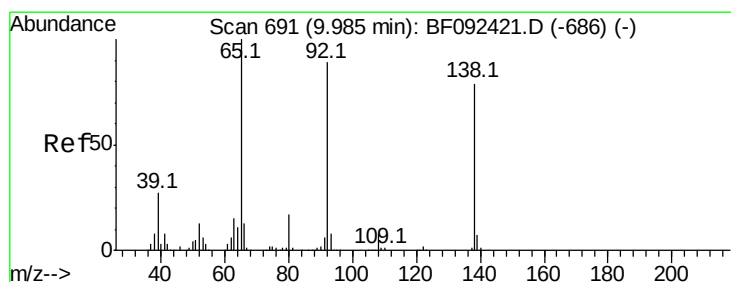
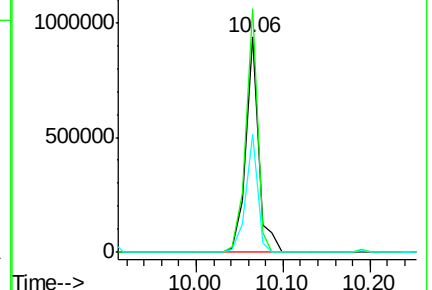
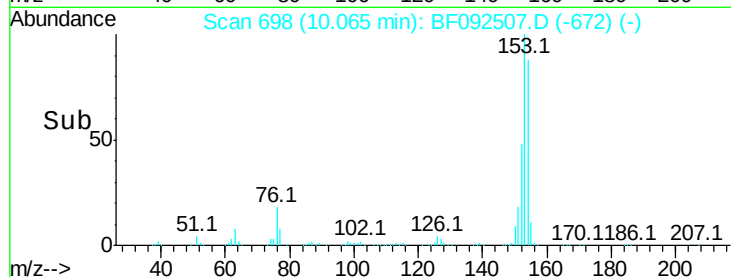
152 54.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.13 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

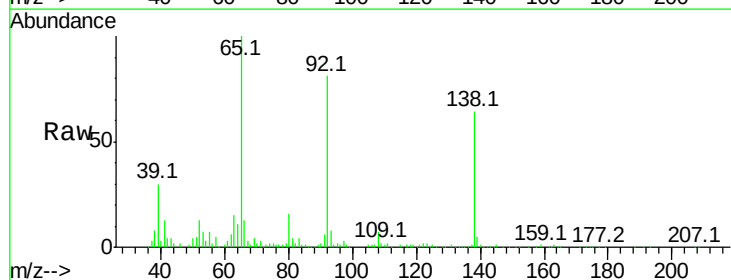
Tgt Ion:138 Resp: 88451

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

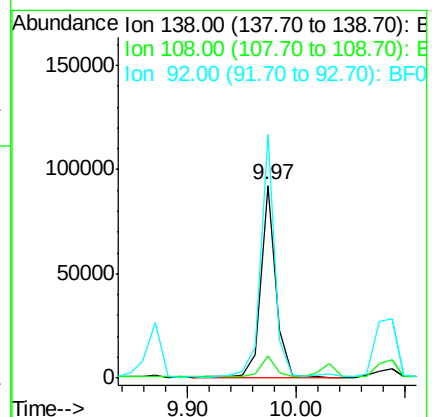
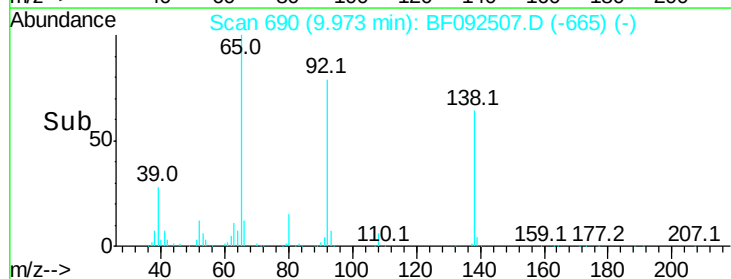
92 126.3 97.8 146.8

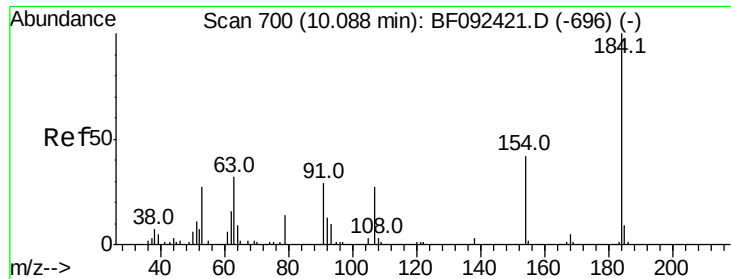


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

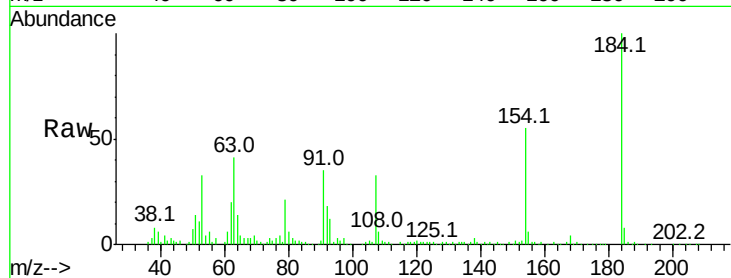




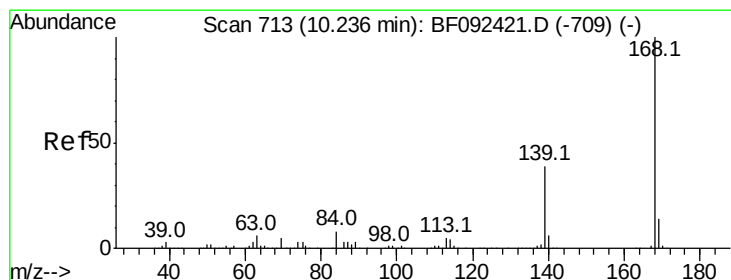
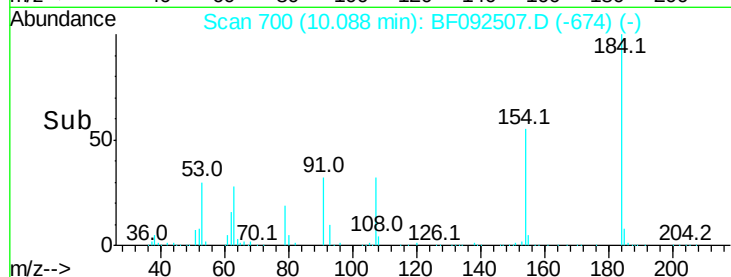
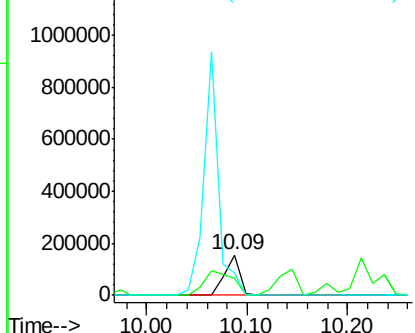
#53
 2,4-Dinitrophenol
 Concen: 64.16 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Tot Ion:184 Resp: 162969
 Ion Ratio Lower Upper
 184 100
 63 41.0 28.4 42.6
 154 55.3 44.3 66.5

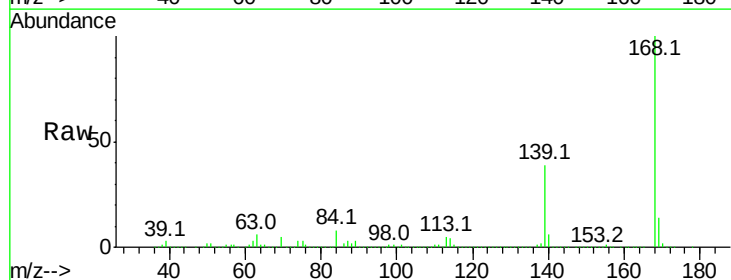


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

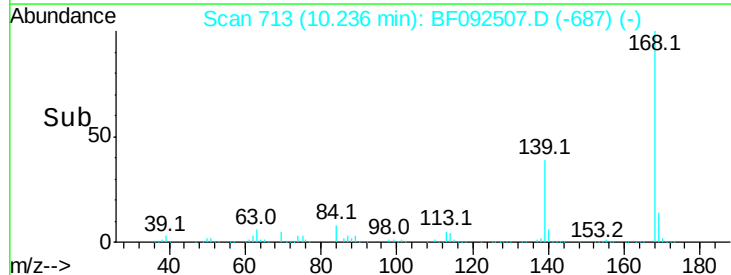
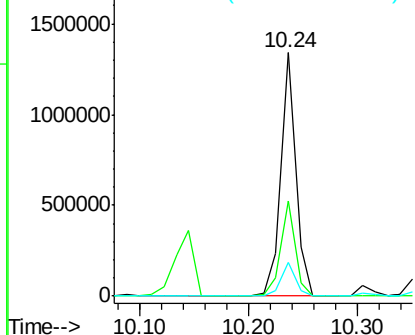


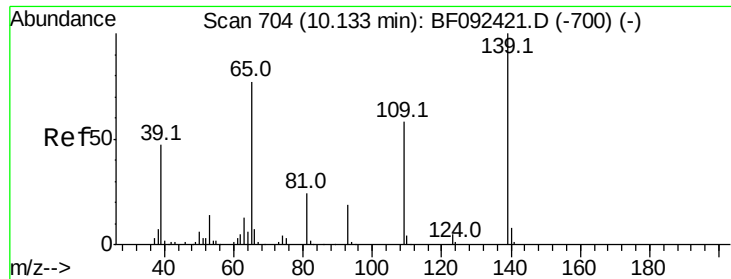
#54
 Dibenzofuran
 Concen: 52.22 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion:168 Resp: 1285266
 Ion Ratio Lower Upper
 168 100
 139 38.9 32.6 49.0
 169 14.0 11.3 16.9



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

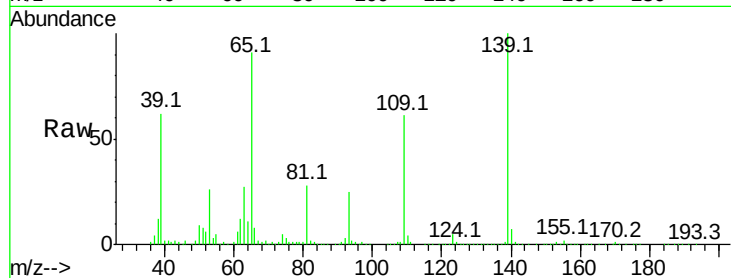




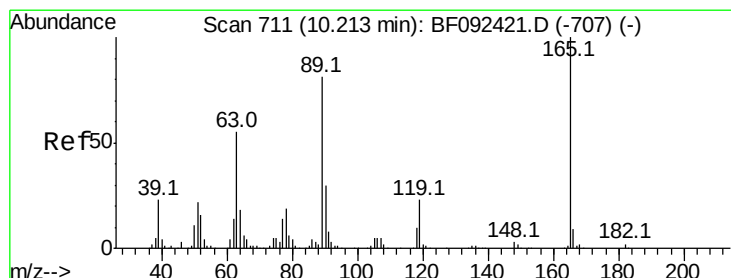
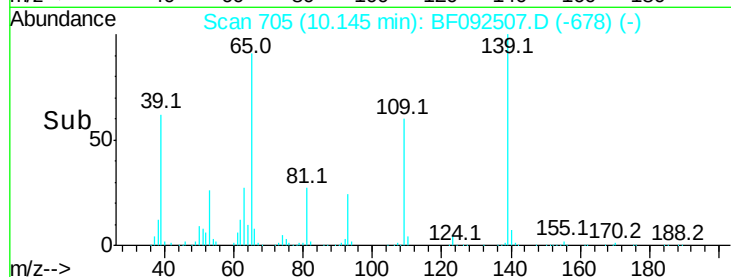
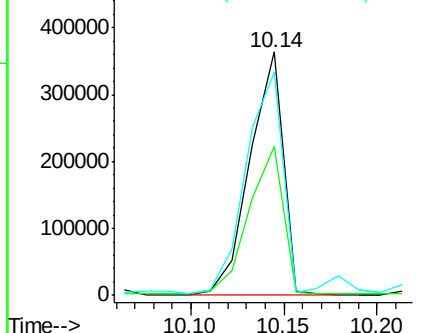
#55
4-Nitrophenol
Concen: 102.86 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

Tot Ion:139 Resp: 447953
Ion Ratio Lower Upper
139 100
109 61.2 52.2 92.2
65 91.5 85.8 125.8

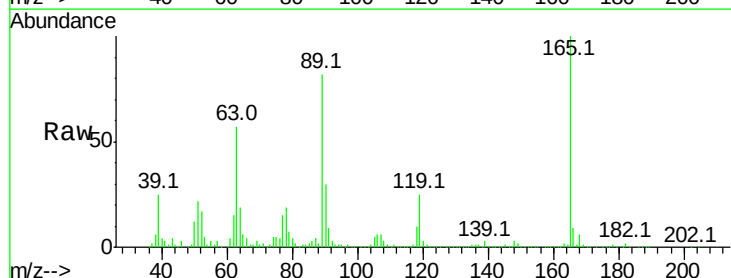


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

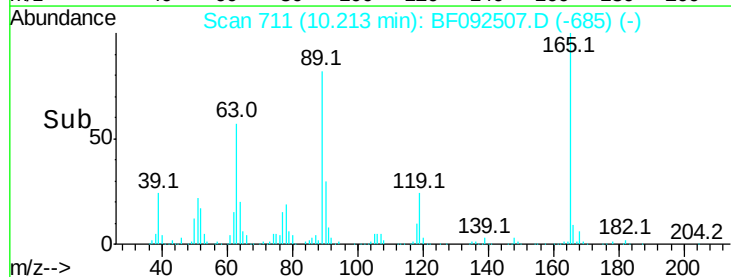
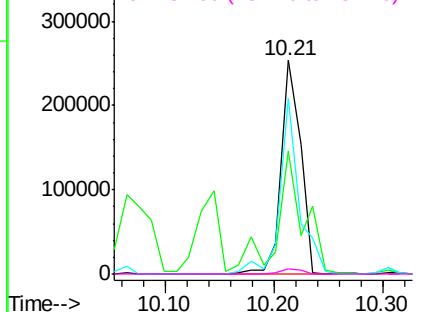


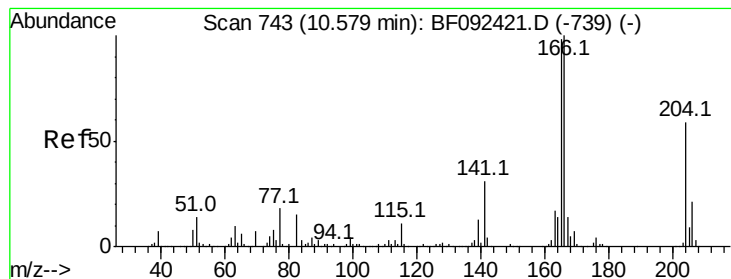
#56
2,4-Dinitrotoluene
Concen: 53.68 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion:165 Resp: 311998
Ion Ratio Lower Upper
165 100
63 57.4 40.2 60.4
89 81.9 62.5 93.7
182 2.2 1.8 2.8



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





#57

Fluorene

Concen: 50.45 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

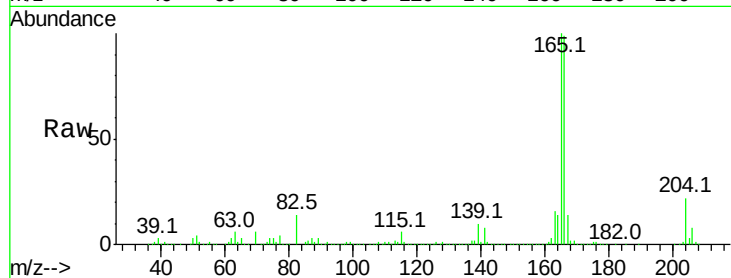
Tot Ion:166 Resp: 920809

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.8

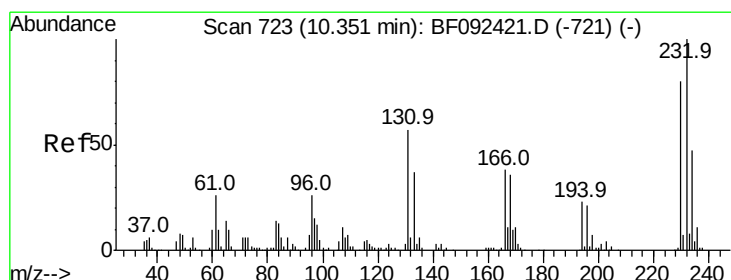
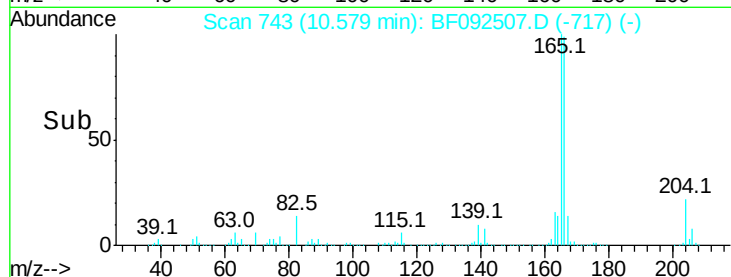
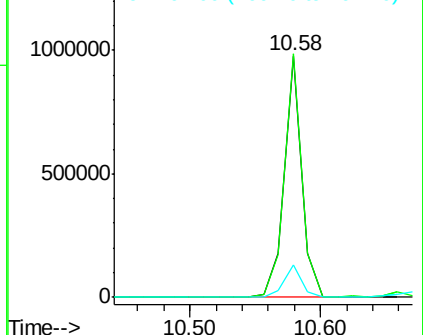
167 13.7 10.8 16.2



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: 53.12 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Tgt Ion:232 Resp: 237101

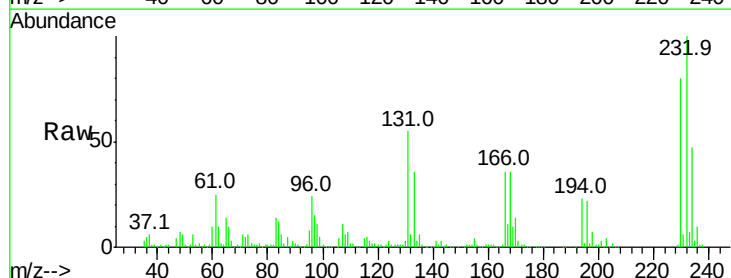
Ion Ratio Lower Upper

232 100

131 51.0 40.1 60.1

130 3.0 1.8 2.8#

166 33.8 26.6 39.8

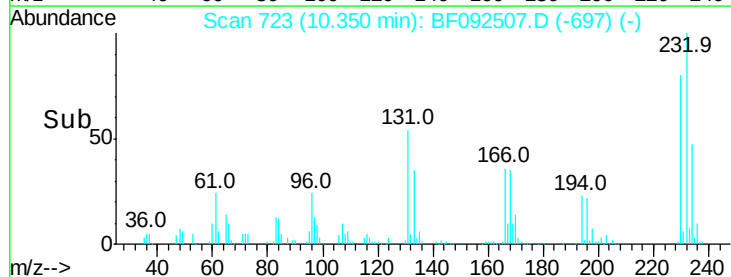
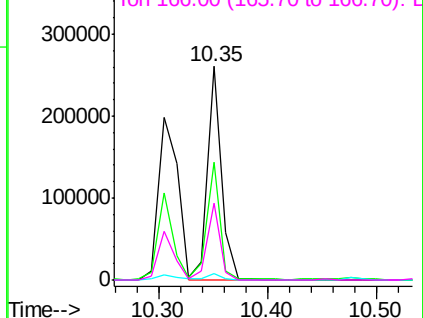


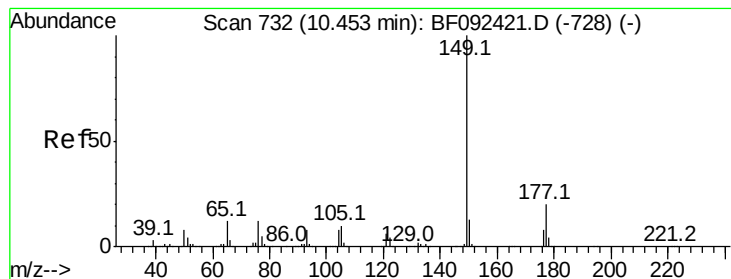
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.31 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

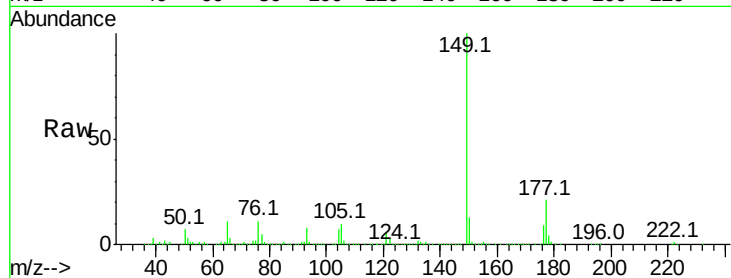
Tot Ion:149 Resp: 951147

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

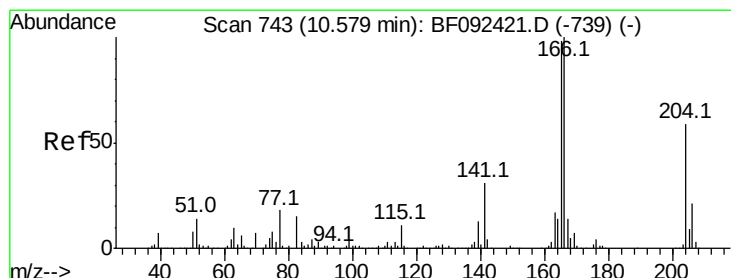
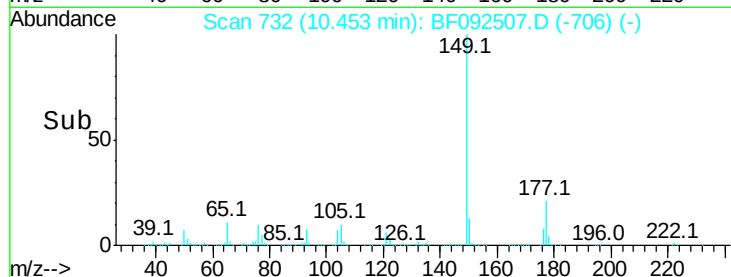
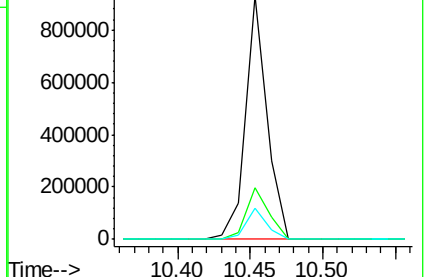
150 12.9 10.4 15.6



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: 45.17 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

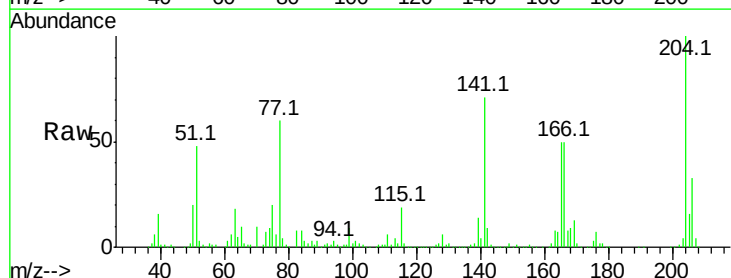
Tgt Ion:204 Resp: 399877

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

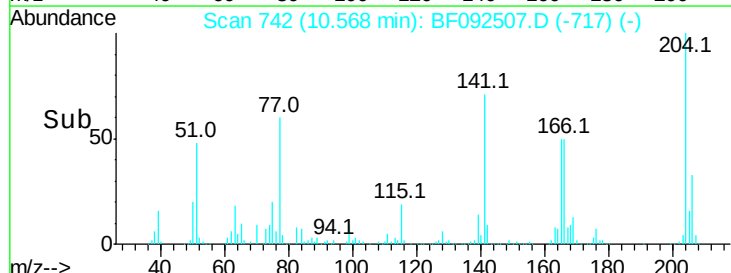
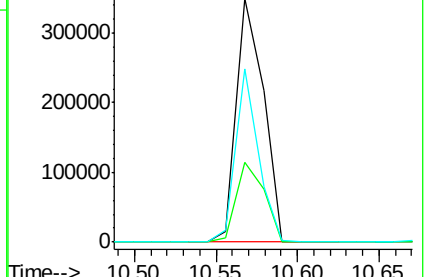
141 71.2 59.4 89.0

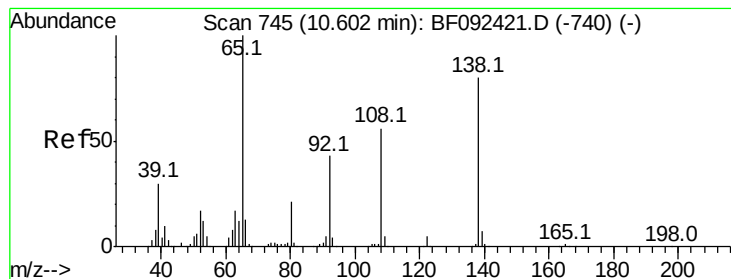


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.55 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

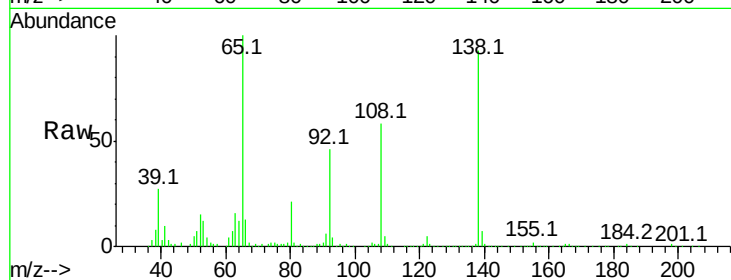
Tot Ion:138 Resp: 255329

Ion Ratio Lower Upper

138 100

92 49.1 31.7 71.7

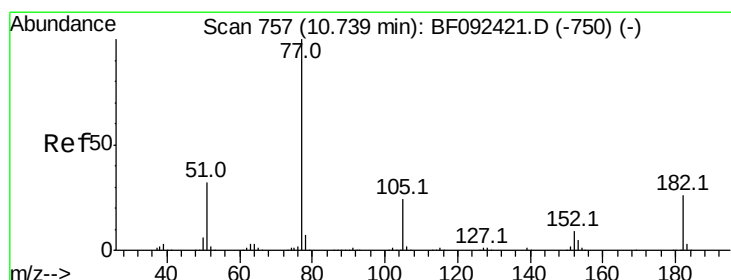
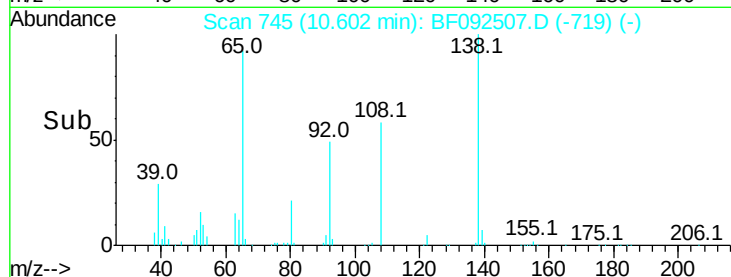
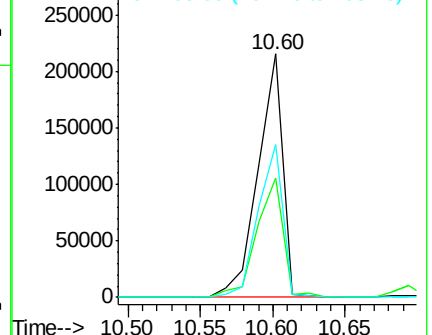
108 62.5 52.6 92.6



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: 47.70 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Tgt Ion: 77 Resp: 1115080

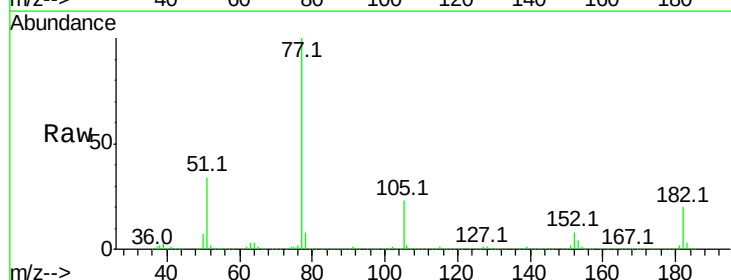
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 22.6 2.3 42.3

51 33.7 8.9 48.9

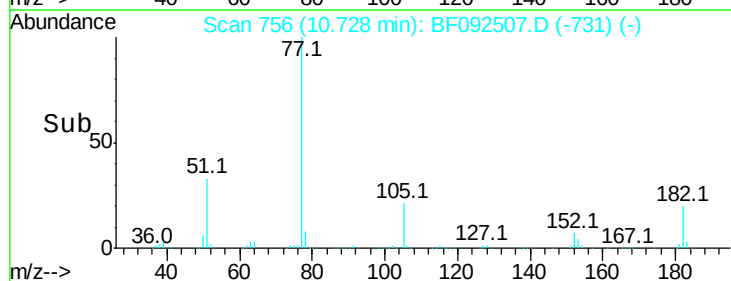
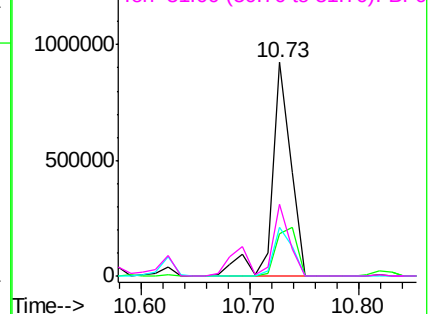


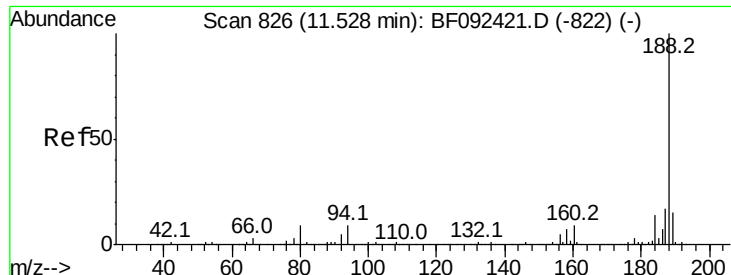
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

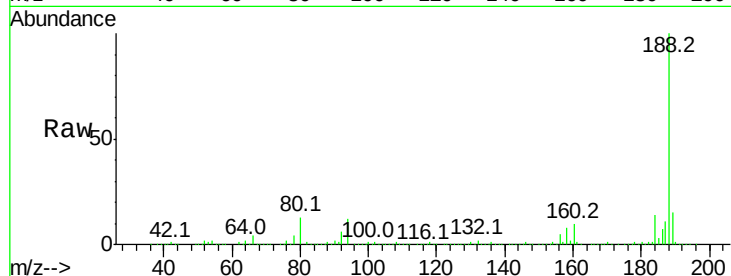




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

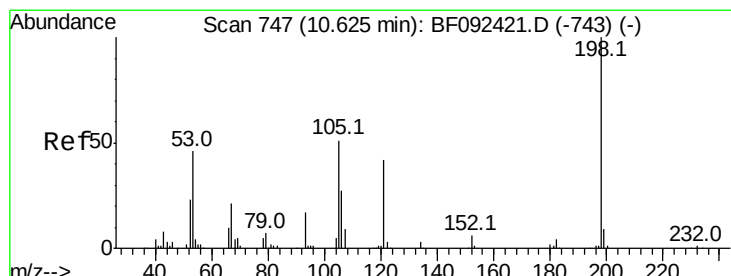
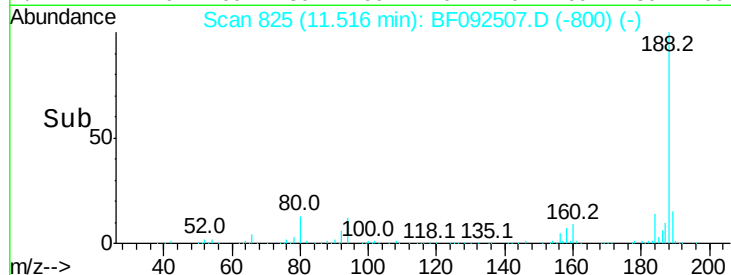
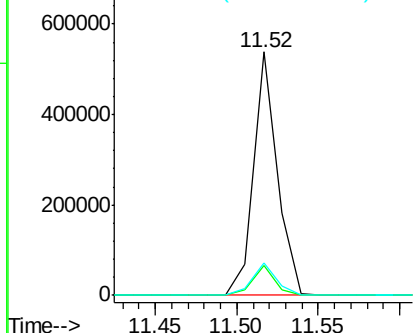
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.3	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

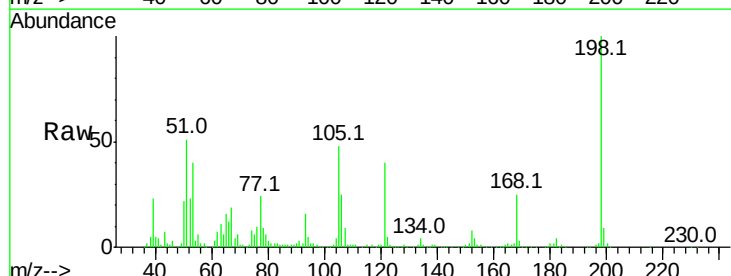
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 47.88 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

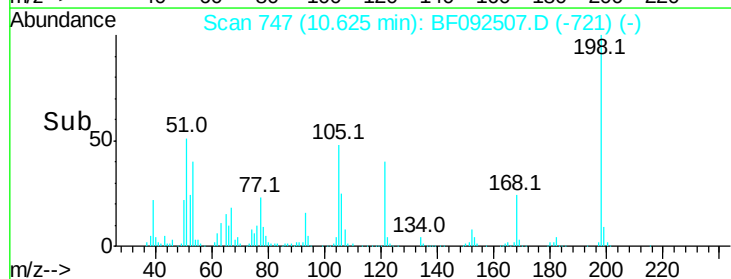
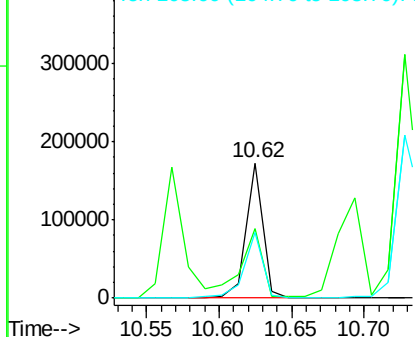
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.3	6.7	46.7#
105	48.3	16.6	56.6

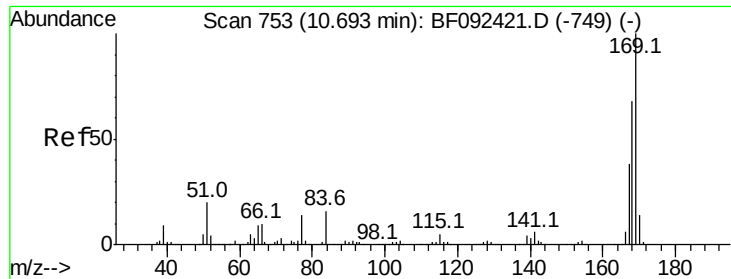


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.41 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

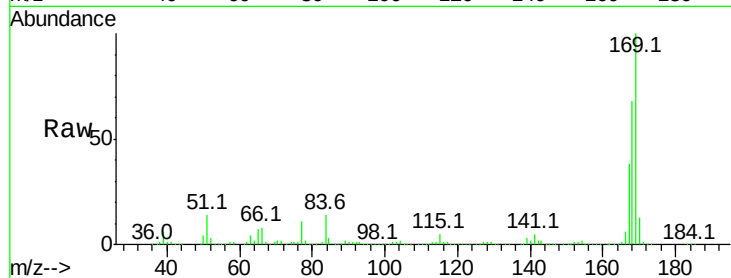
Tot Ion:169 Resp: 874512

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

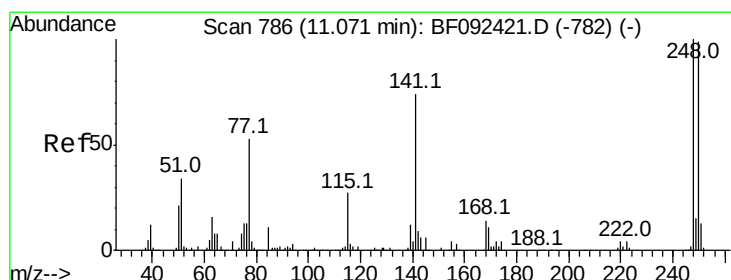
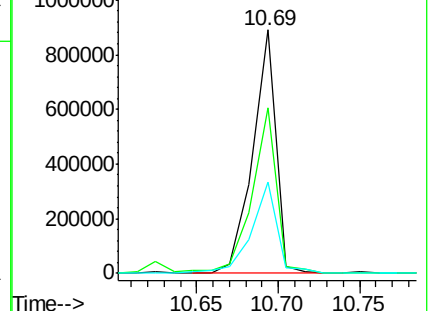
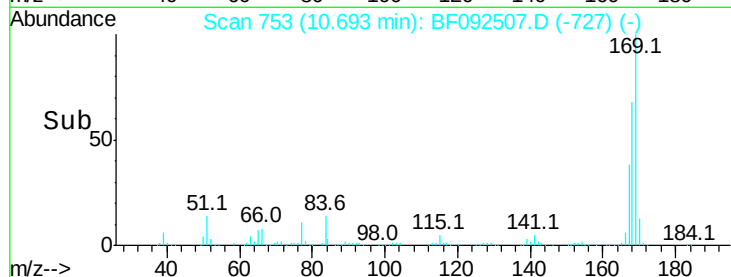
167 37.6 30.2 45.4



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: 46.56 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

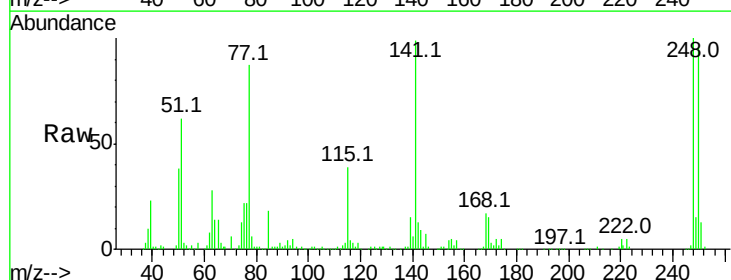
Tgt Ion:248 Resp: 256080

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

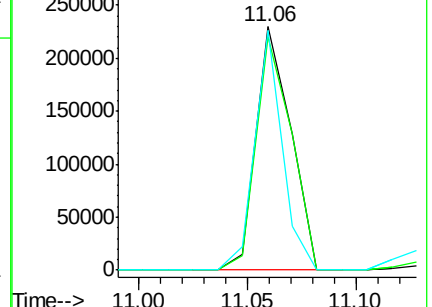
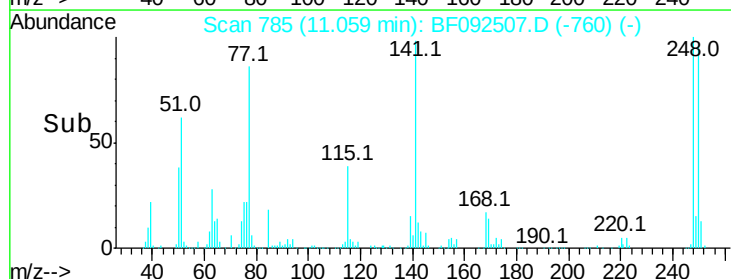
141 98.7 68.2 102.4

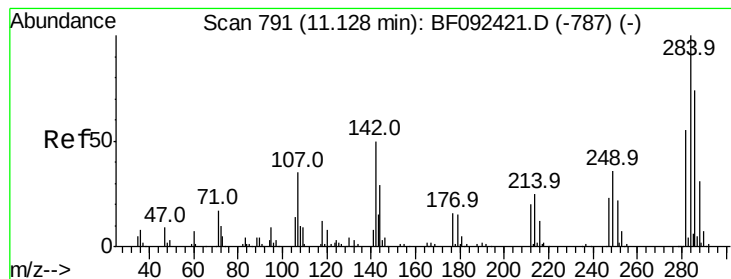


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.18 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

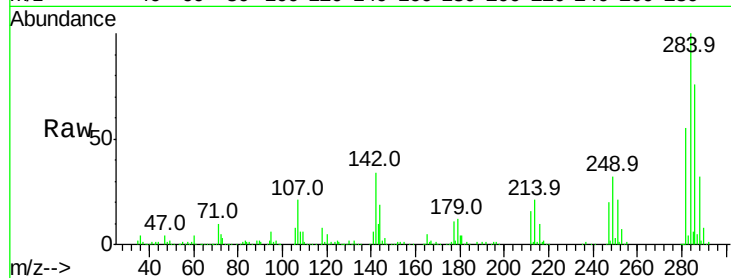
Tot Ion:284 Resp: 262312

Ion Ratio Lower Upper

284 100

142 33.9 22.6 33.8#

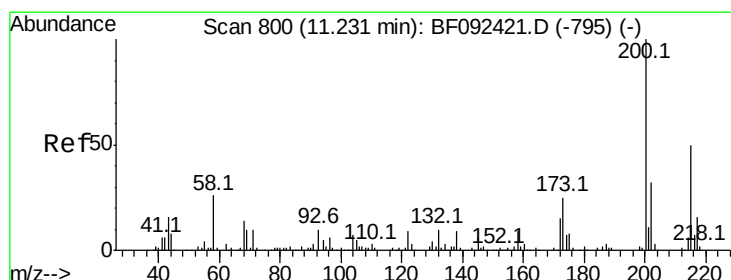
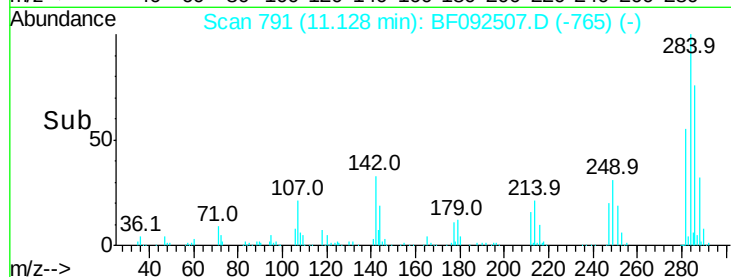
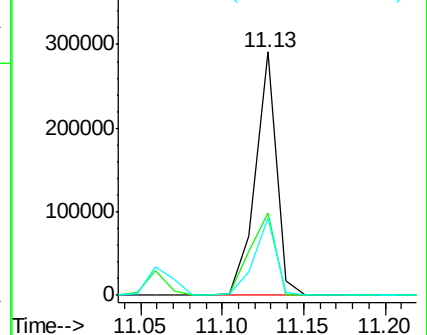
249 31.9 25.4 38.0



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: 43.95 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

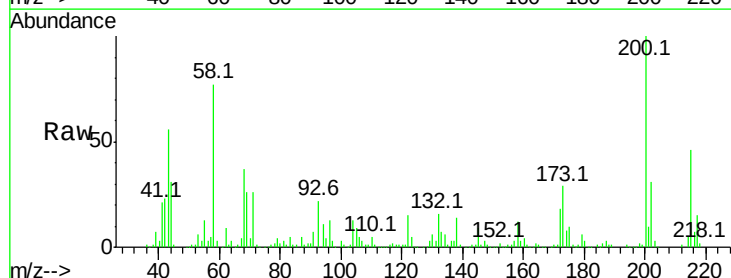
Tgt Ion:200 Resp: 255906

Ion Ratio Lower Upper

200 100

173 29.4 9.6 49.6

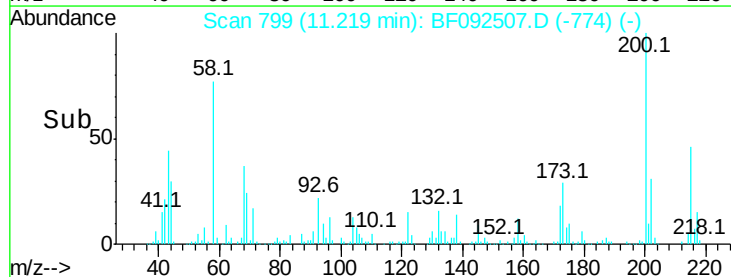
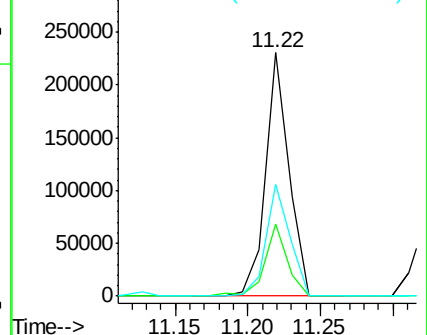
215 46.1 25.7 65.7

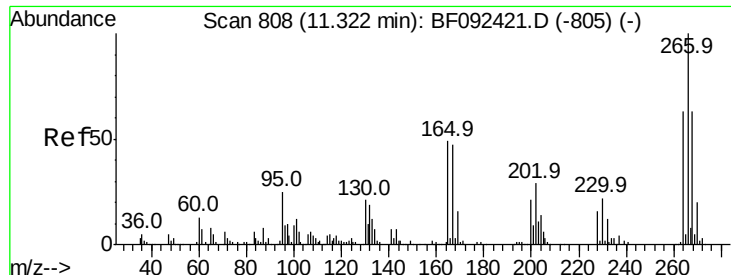


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

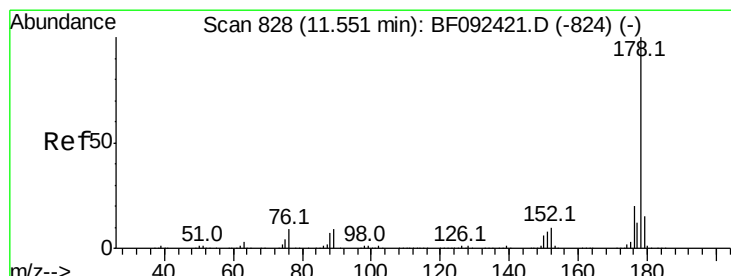
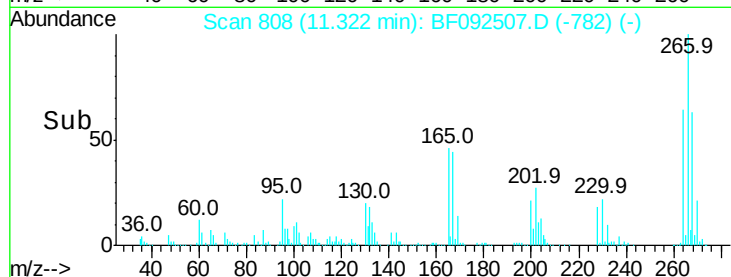
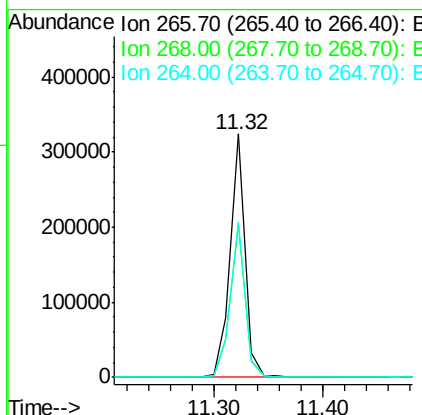
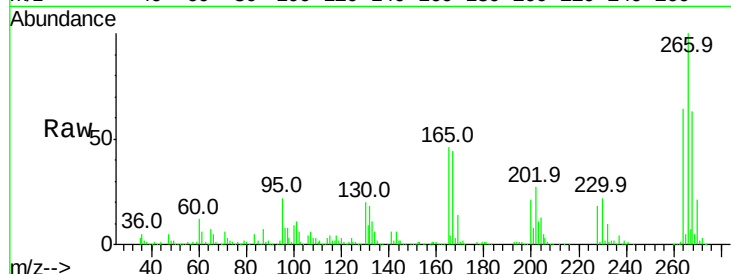




#69
 Pentachlorophenol
 Concen: 86.23 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

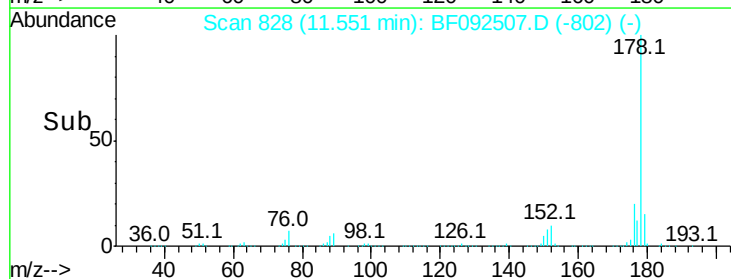
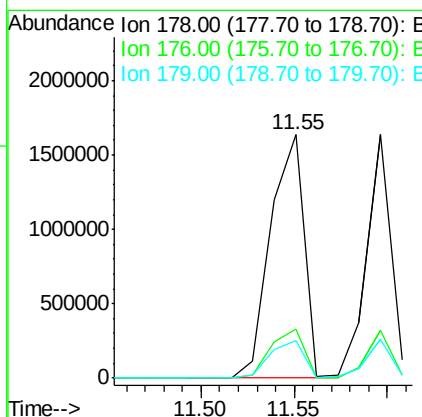
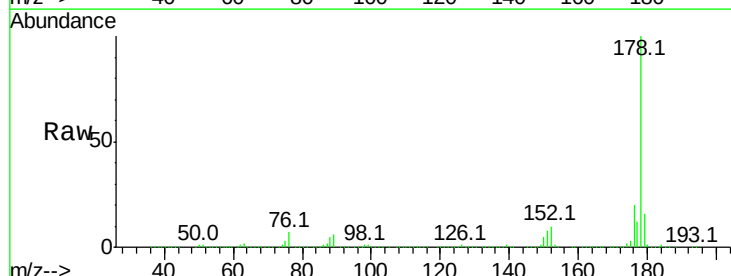
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

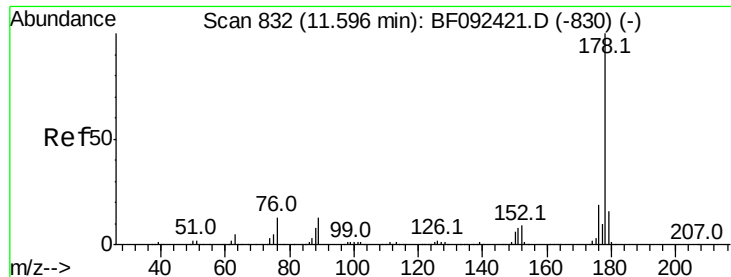
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.3	79.9
264	63.9	50.3	75.5



#70
 Phenanthrene
 Concen: 68.23 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.6	12.8	19.2

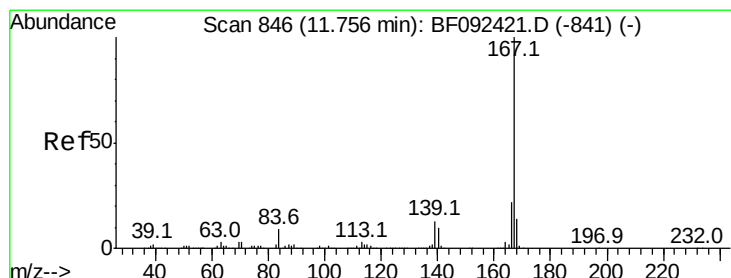
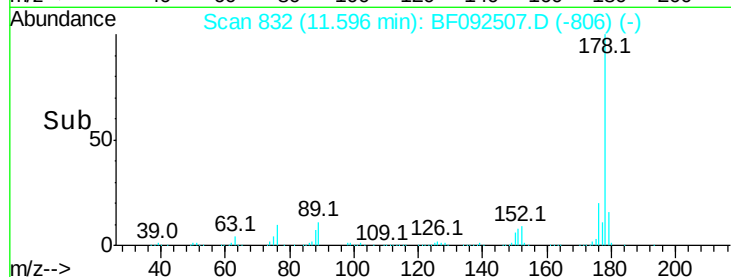
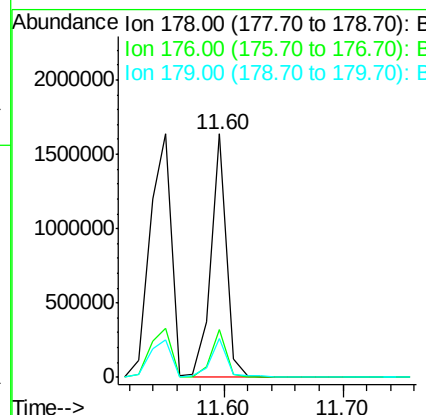
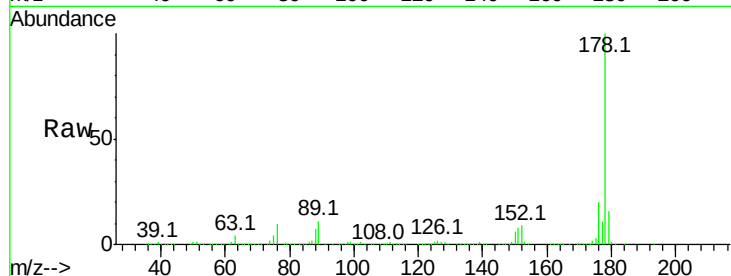




#71
 Anthracene
 Concen: 50.25 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

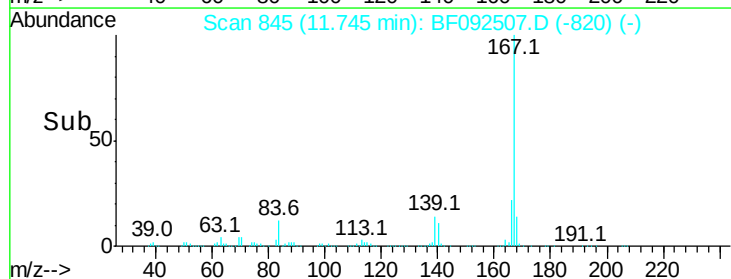
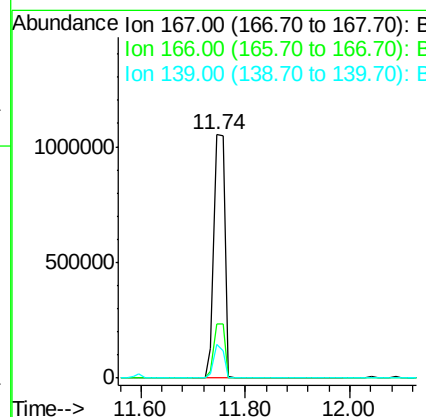
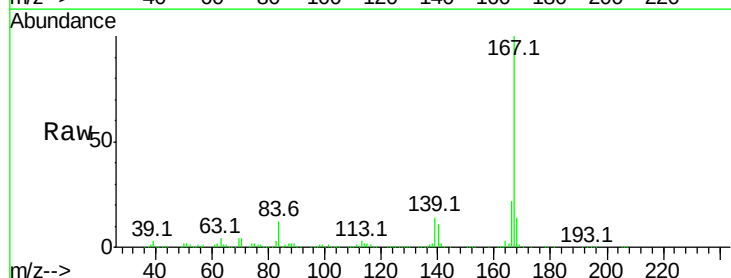
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

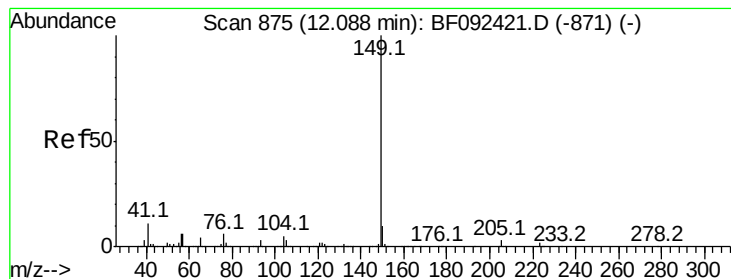
Tot Ion:178 Resp: 1473140
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 55.44 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion:167 Resp: 1551852
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 52.16 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

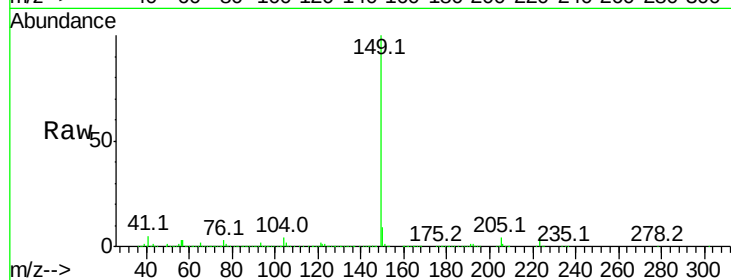
Tot Ion:149 Resp: 1669387

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

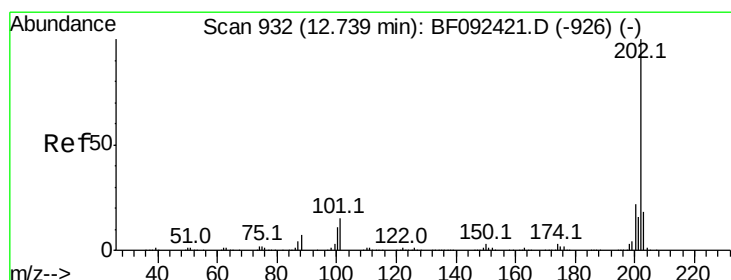
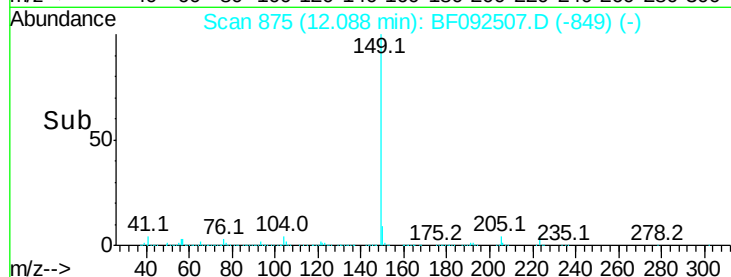
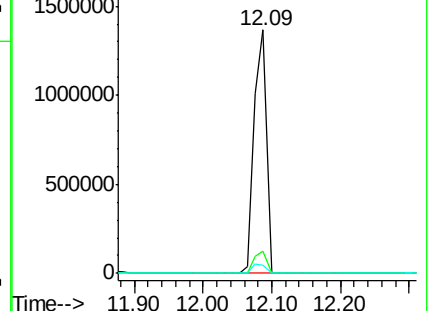
104 3.5 4.6 7.0#



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: 60.65 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

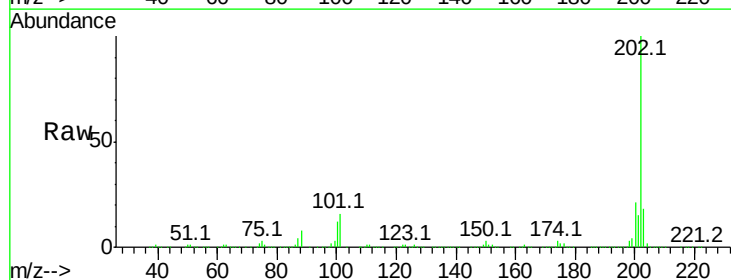
Tgt Ion:202 Resp: 1779403

Ion Ratio Lower Upper

202 100

101 16.0 0.0 34.6

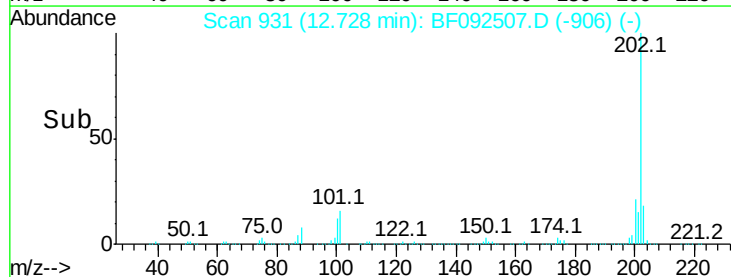
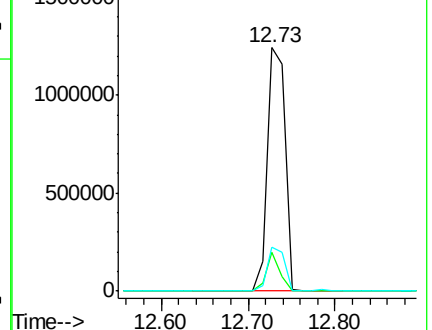
203 18.2 0.0 38.7

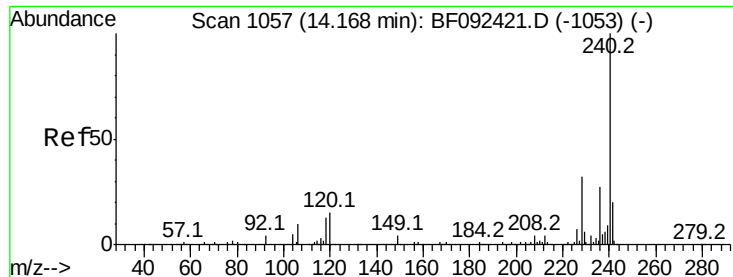


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

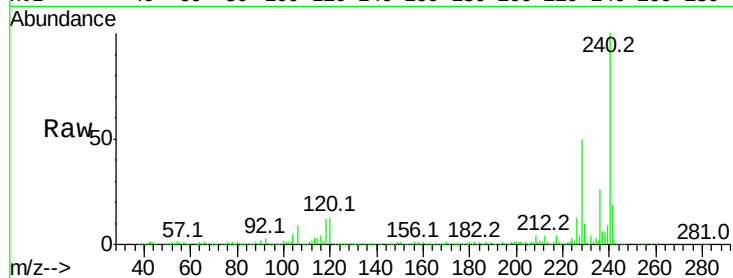
Tot Ion:240 Resp: 381227

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

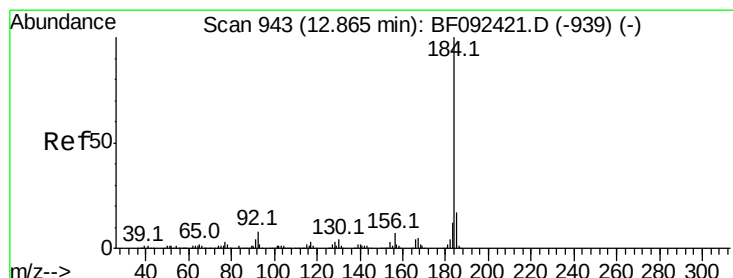
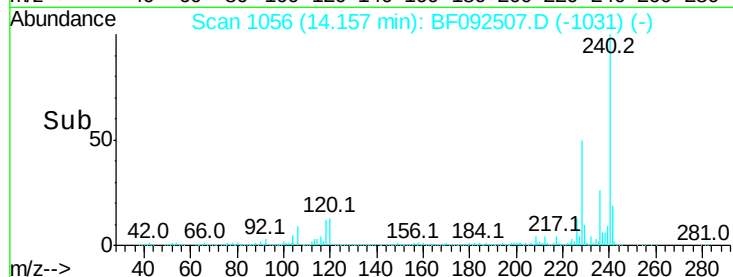
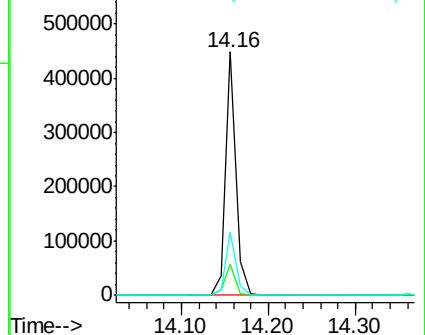
236 25.9 20.9 31.3



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: 30.25 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

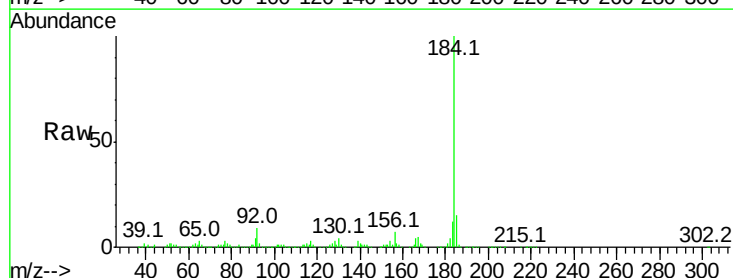
Tgt Ion:184 Resp: 428140

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

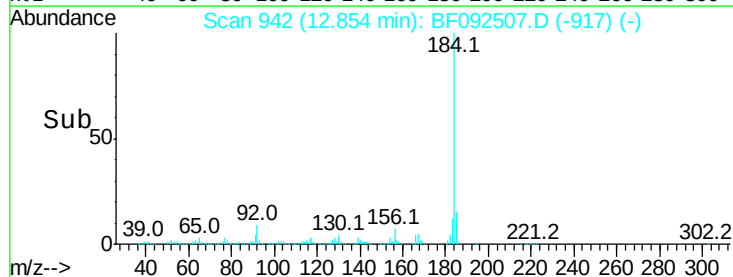
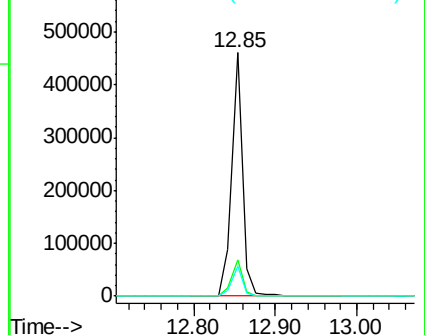
183 12.1 9.2 13.8

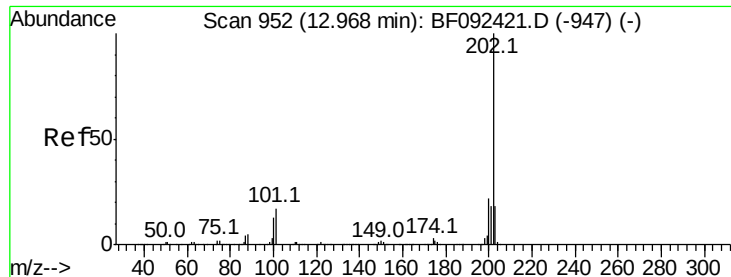


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.07 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

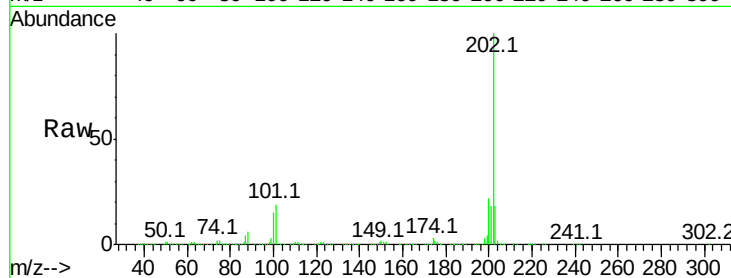
Tot Ion:202 Resp: 1714580

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

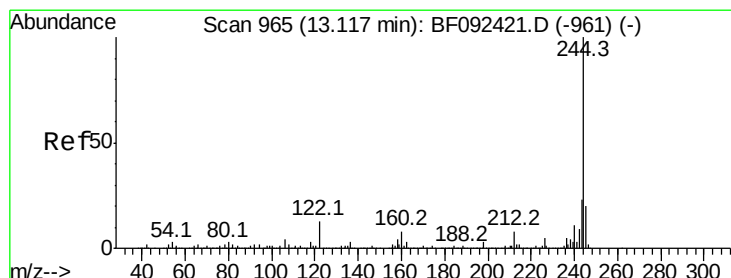
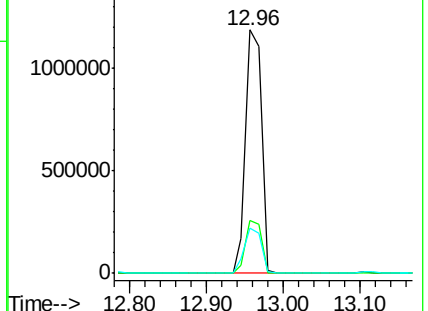
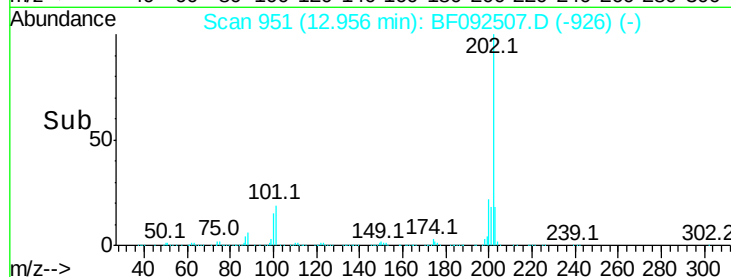
203 18.4 14.7 22.1



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: 92.82 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

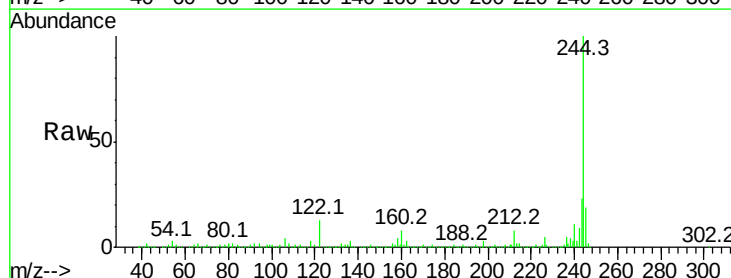
Tgt Ion:244 Resp: 1328902

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

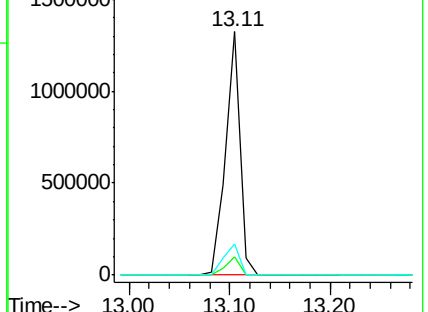
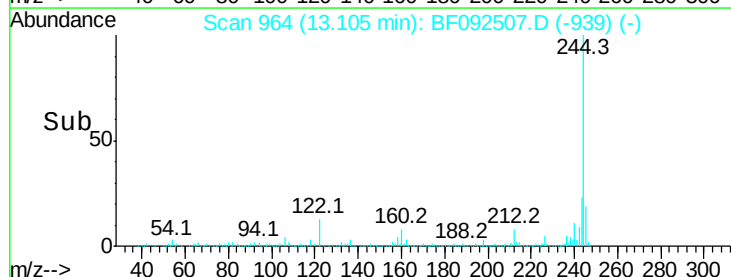
122 12.6 11.4 17.2

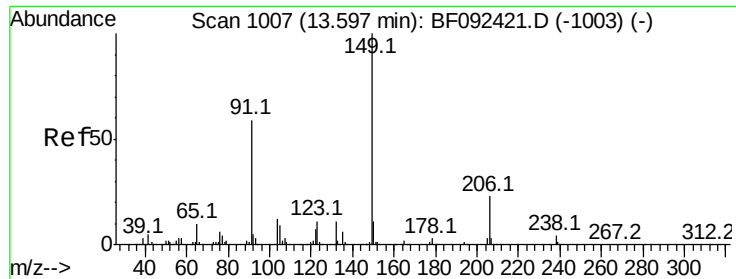


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

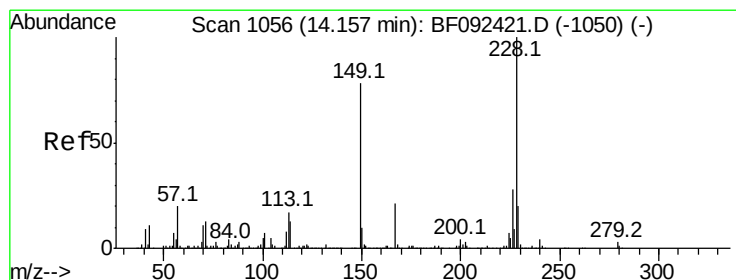
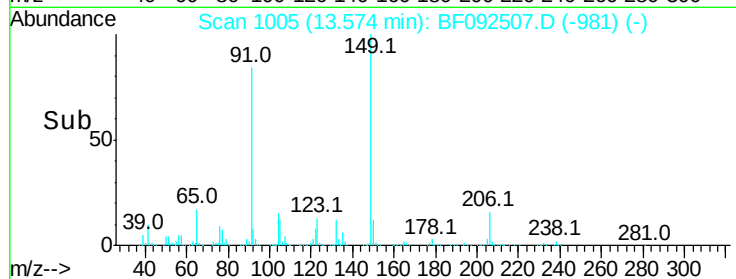
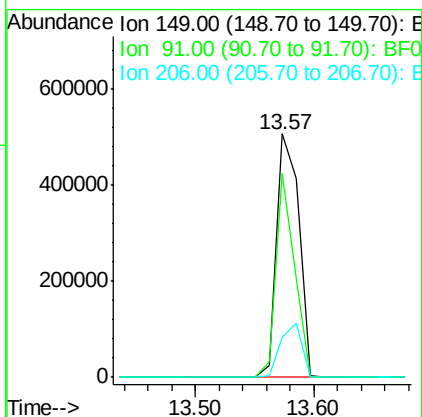
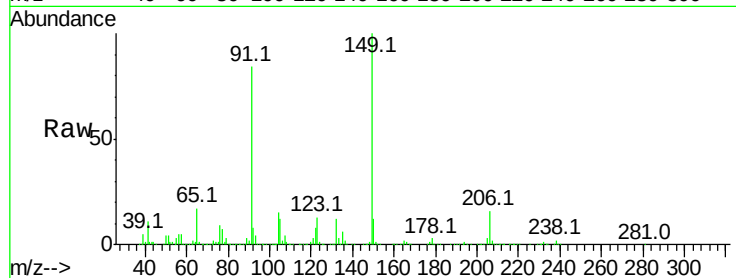




#79
Butylbenzylphthalate
Concen: 58.33 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

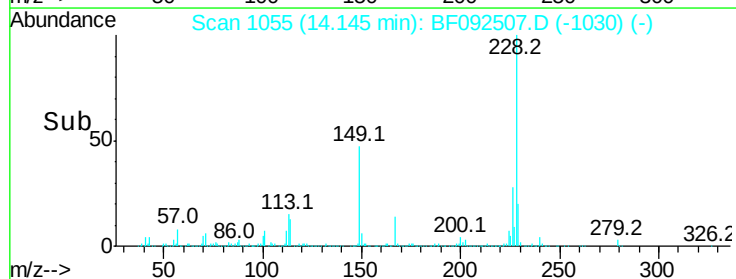
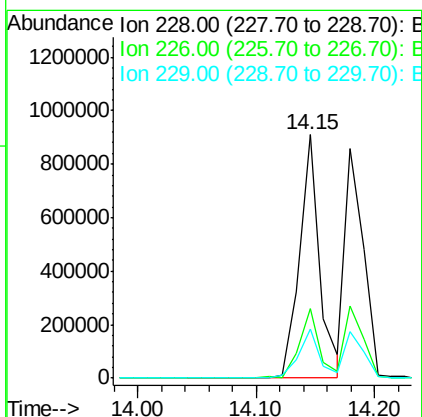
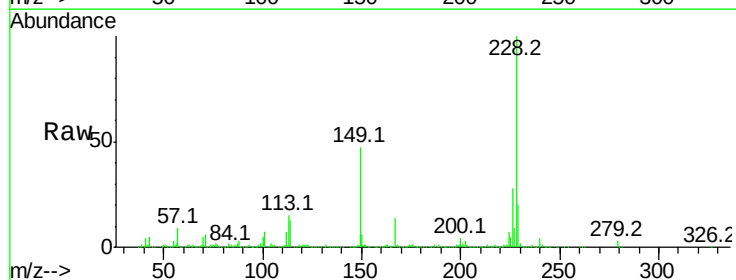
Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

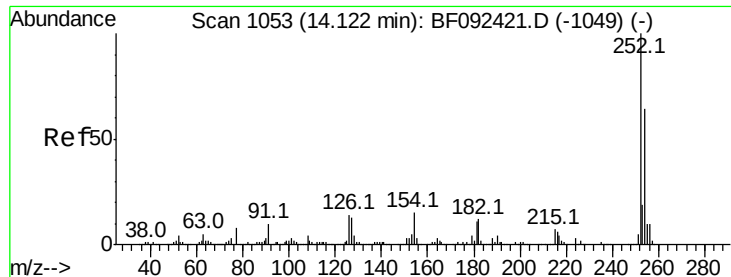
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.6	63.9	95.9
206	16.5	14.6	21.8



#80
Benzo(a)anthracene
Concen: 52.26 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.1	16.2	24.4

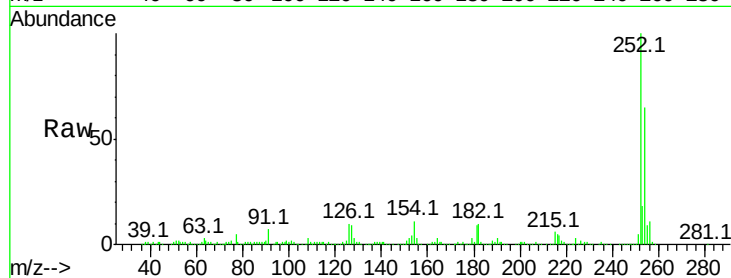




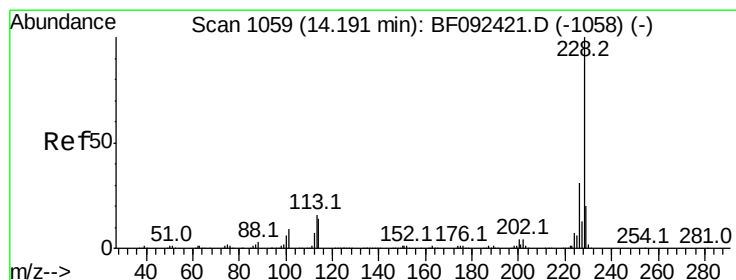
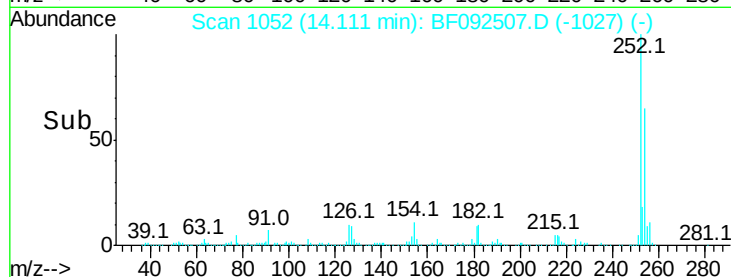
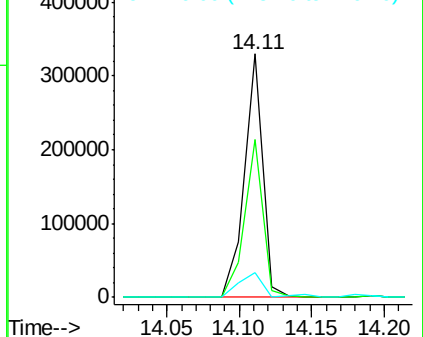
#81
 3,3'-Dichlorobenzidine
 Concen: 37.50 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Tot Ion:252 Resp: 291720
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.3 78.5
 126 10.2 13.6 20.4#

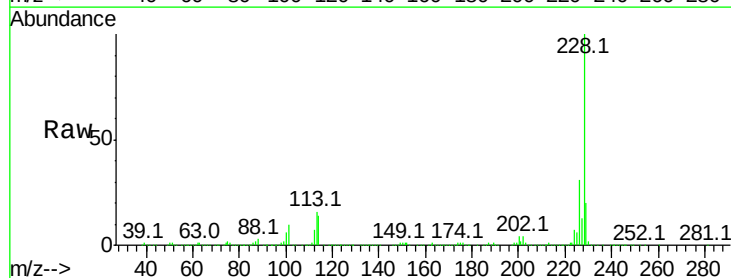


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

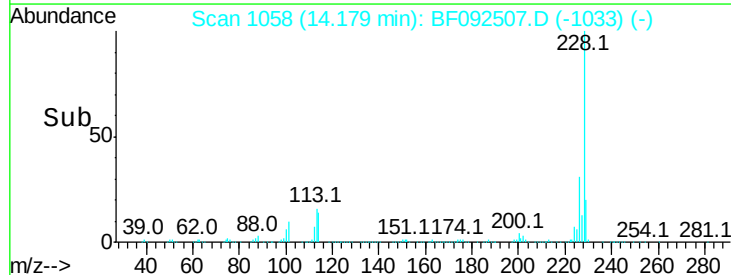
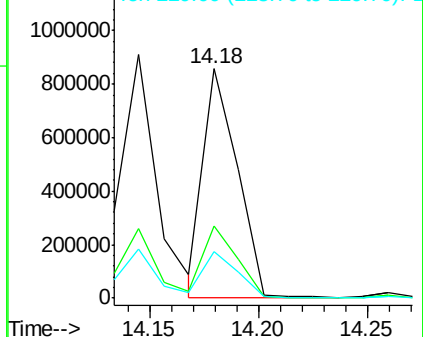


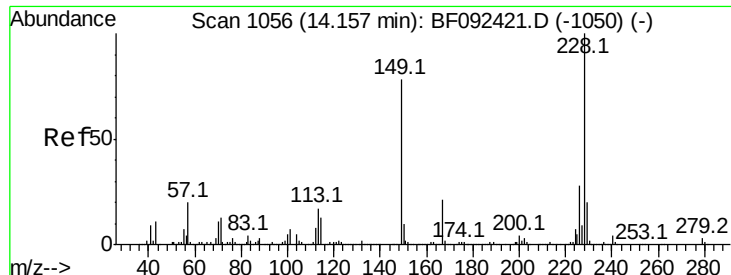
#82
 Chrysene
 Concen: 42.30 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion:228 Resp: 925509
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.4 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: 55.51 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

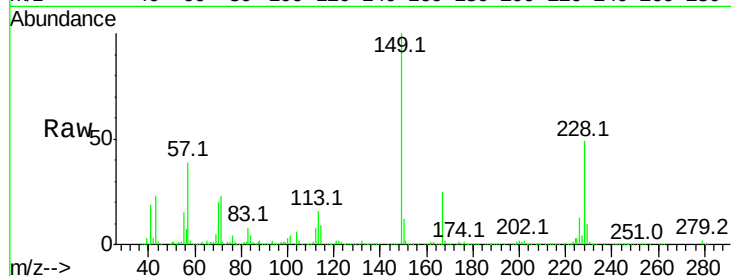
Tot Ion:149 Resp: 782324

Ion Ratio Lower Upper

149 100

167 25.2 20.2 30.4

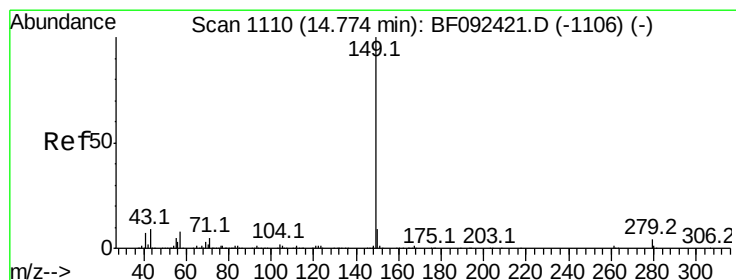
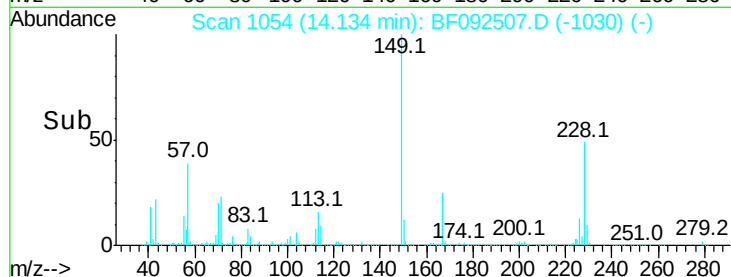
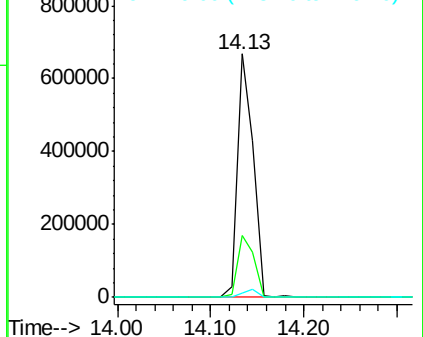
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.31 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

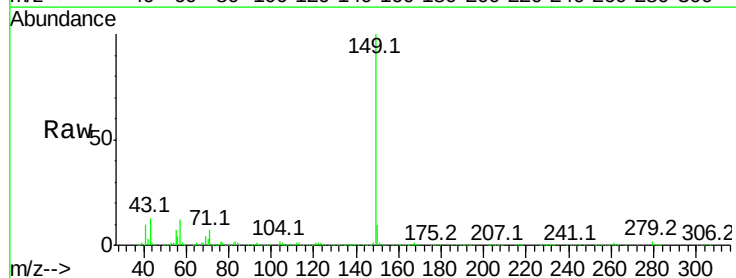
Tgt Ion:149 Resp: 1363869

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

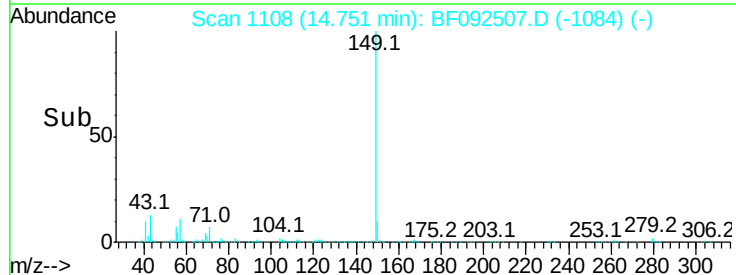
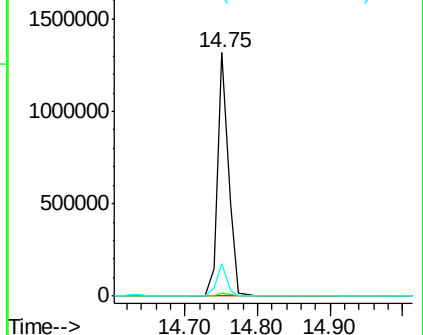
43 12.3 8.9 13.3

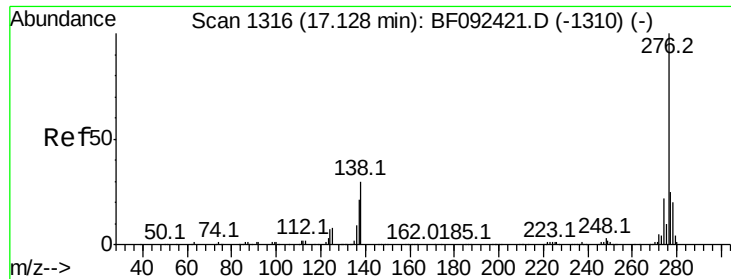


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



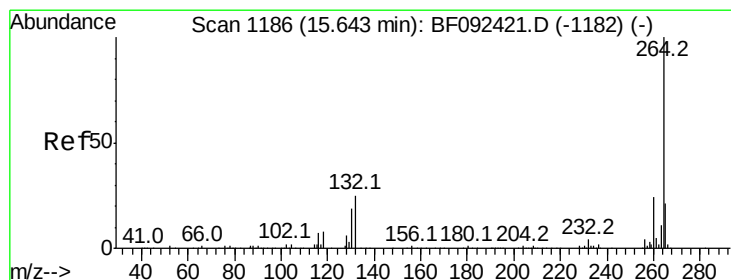
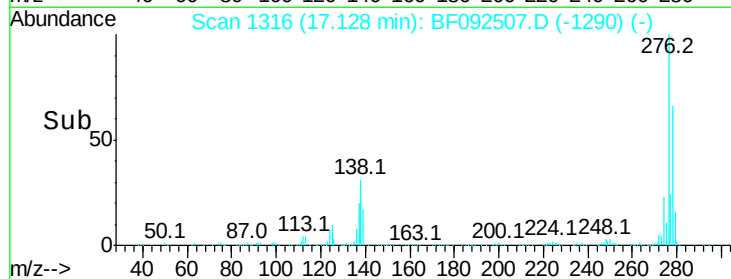
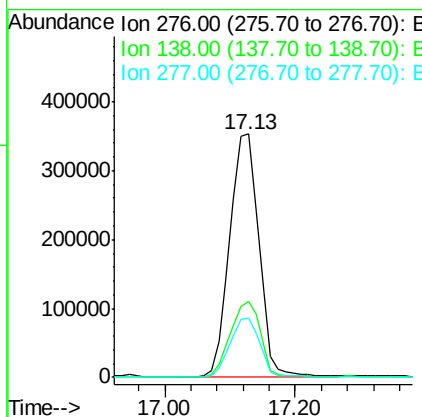
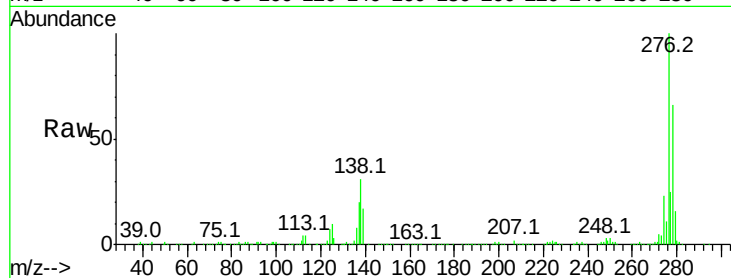


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.76 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MSD

Tot Ion:276 Resp: 1096947

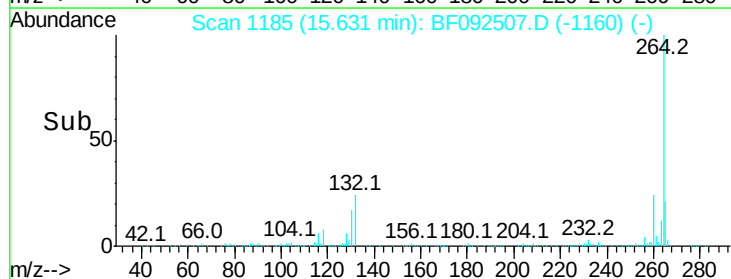
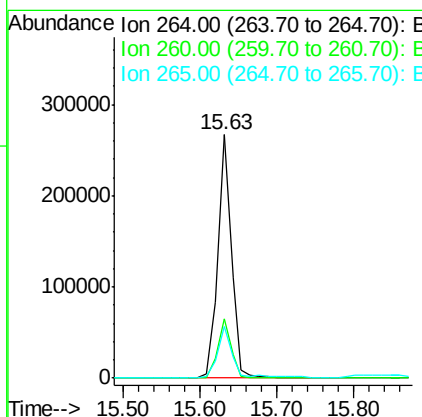
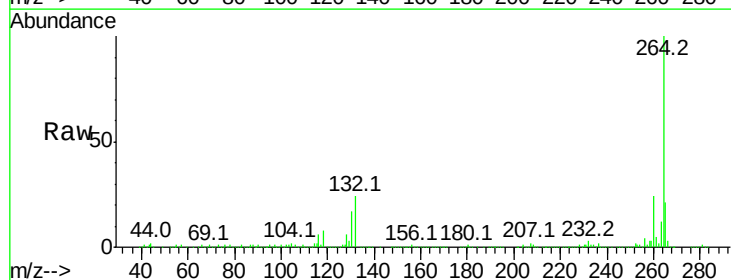
Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	25.6	20.2	30.4

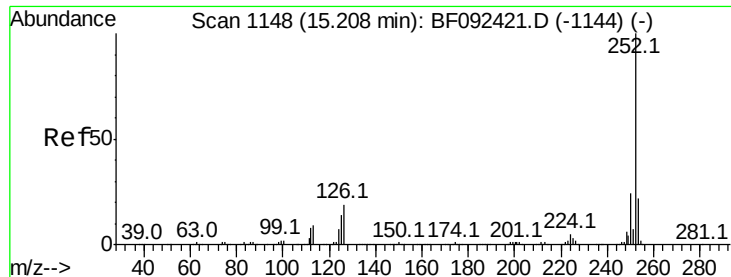


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092507.D
 Acq: 26 Jan 2017 5:17

Tgt Ion:264 Resp: 333164

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0

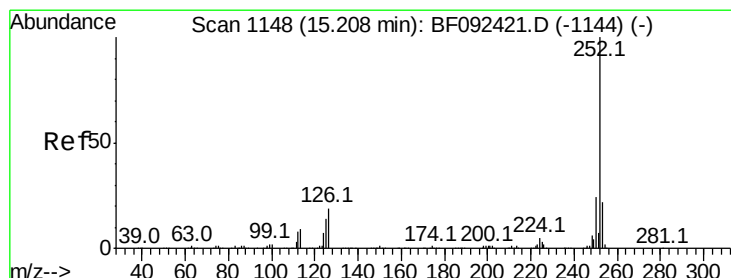
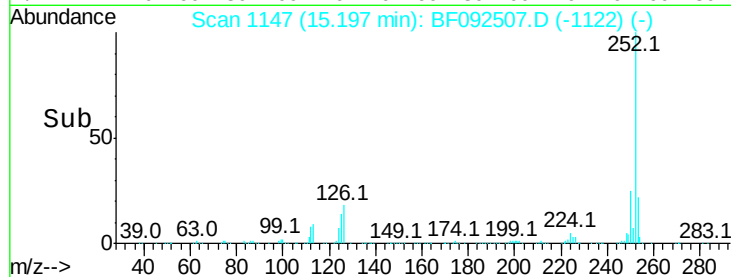
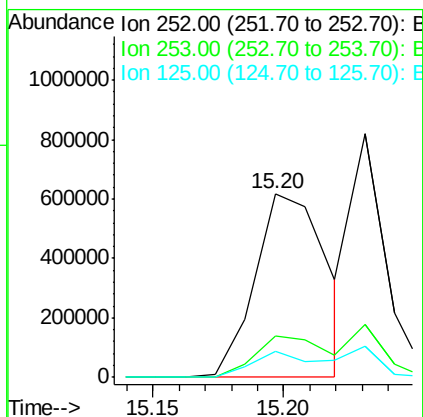
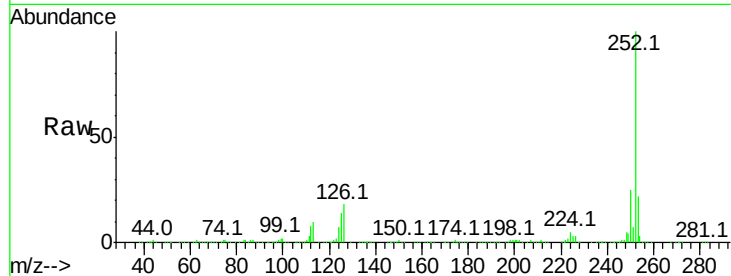




#87
Benzo(b)fluoranthene
Concen: 55.38 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

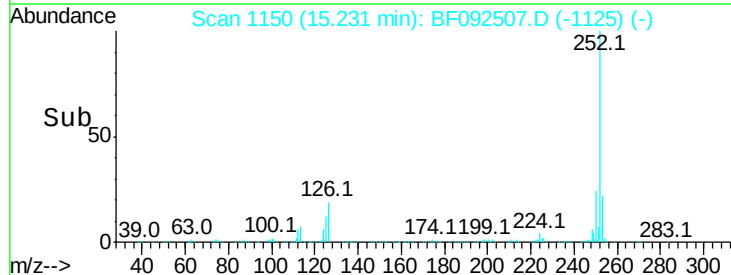
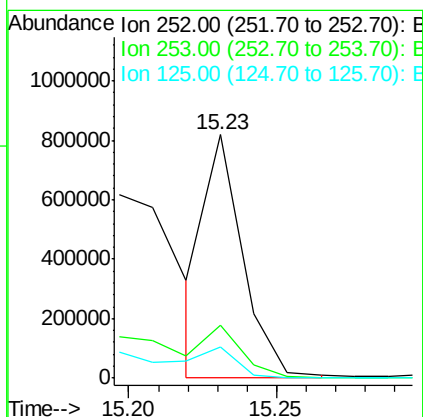
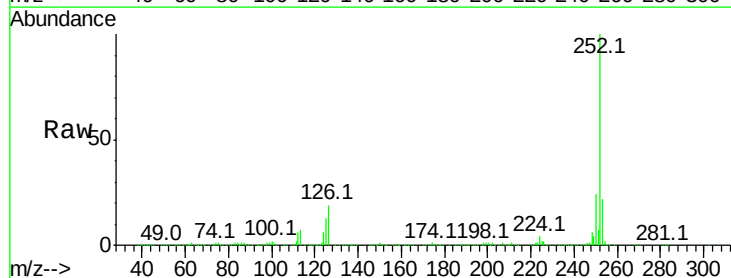
Instrument :
BNA_F
ClientSampleId :
P14-11917MSD

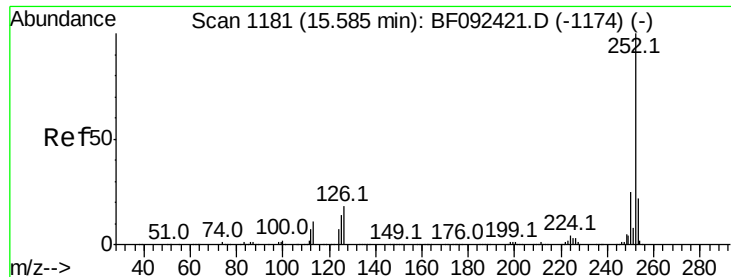
Tot Ion:252 Resp: 1184398
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 14.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 41.06 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092507.D
Acq: 26 Jan 2017 5:17

Tgt Ion:252 Resp: 730211
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.5 8.9 13.3





#89

Benzo(a)pyrene

Concen: 52.33 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

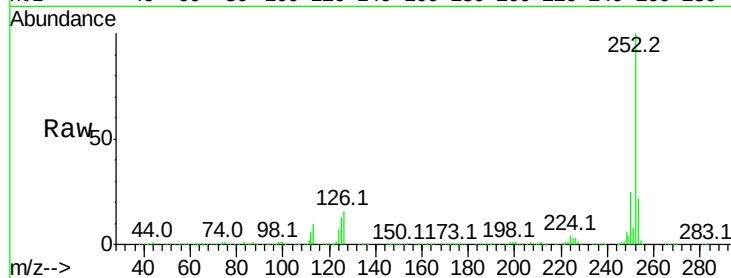
Tot Ion:252 Resp: 946889

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

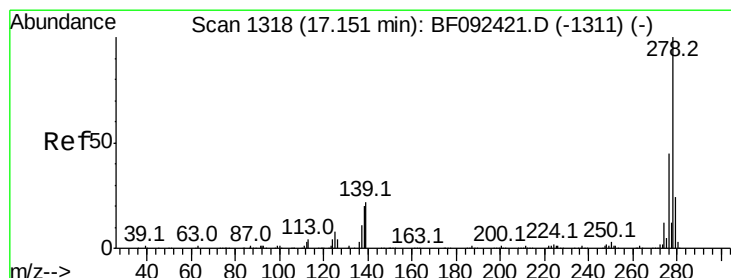
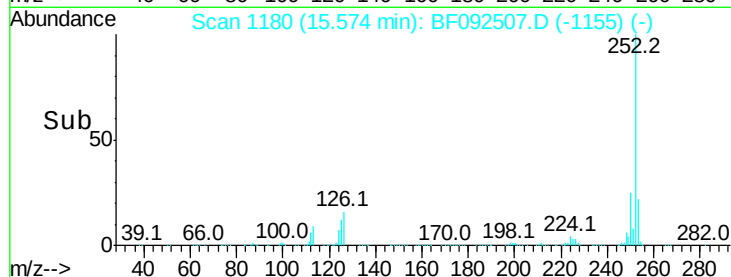
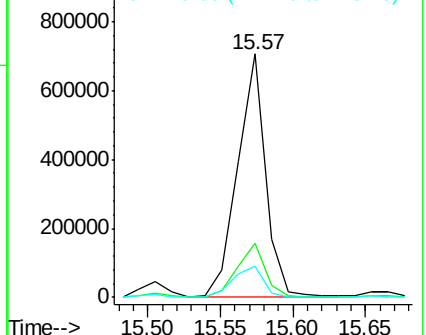
125 12.5 10.0 15.0



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: 60.12 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

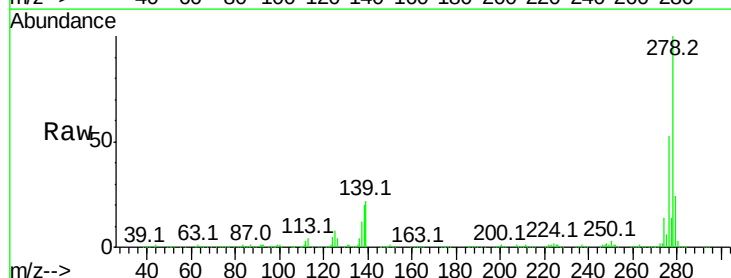
Tgt Ion:278 Resp: 879649

Ion Ratio Lower Upper

278 100

139 21.9 14.8 22.2

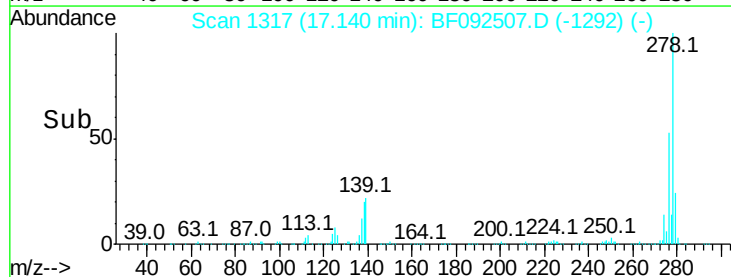
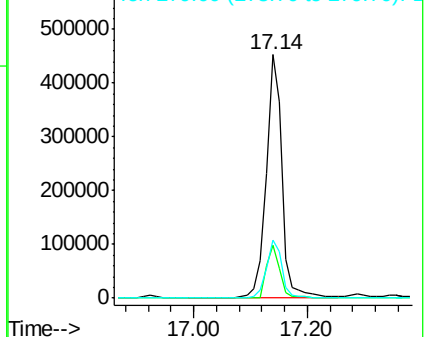
279 23.9 19.8 29.6

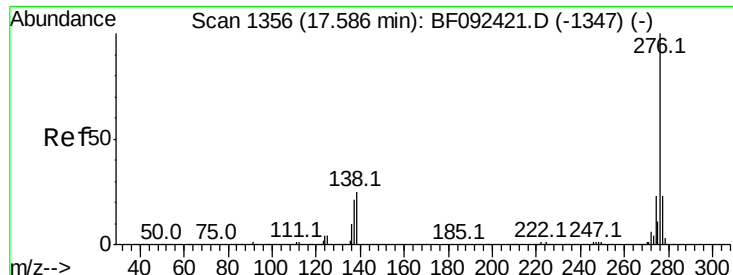


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 63.08 ng

RT: 17.57 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF092507.D

Acq: 26 Jan 2017 5:17

Instrument :

BNA_F

ClientSampleId :

P14-11917MSD

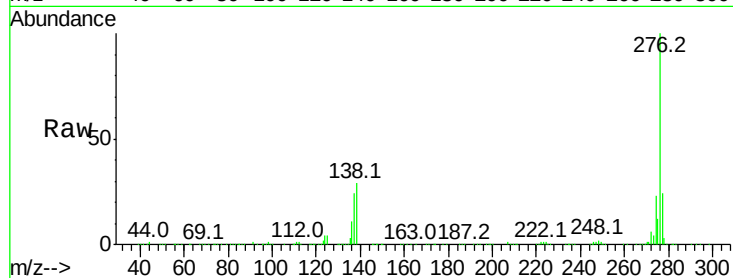
Tot Ion:276 Resp: 933405

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.6 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

