

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092525.D
 Acq On : 26 Jan 2017 15:00
 Operator : SJ/MA
 Sample : I1312-02MS 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Quant Time: Jan 27 00:02:00 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	140185	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	513738	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	261180	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	386456	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	263209	20.00	ng	0.00
86) Perylene-d12	15.65	264	189076	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	636164	70.60	ng	0.01
7) Phenol-d6	6.59	99	795125	69.28	ng	0.00
23) Nitrobenzene-d5	7.54	82	524399	55.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	130192	73.15	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	713413	50.51	ng	-0.01
78) Terphenyl-d14	13.11	244	579778	58.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	88868	18.55	ng	85
3) Pyridine	3.39	79	227092	16.65	ng	87
4) n-Nitrosodimethylamine	3.32	42	130452	19.49	ng	# 87
6) Aniline	6.62	93	124668	7.28	ng	# 46
8) 2-Chlorophenol	6.75	128	207590	21.93	ng	91
9) Benzaldehyde	6.51	77	156392	19.20	ng	89
10) Phenol	6.60	94	269894	19.48	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	245207	23.66	ng	100
12) 1,3-Dichlorobenzene	6.91	146	240931	21.53	ng	# 92
13) 1,4-Dichlorobenzene	6.99	146	248730	22.08	ng	97
14) 1,2-Dichlorobenzene	7.14	146	213625	19.99	ng	94
15) Benzyl Alcohol	7.10	79	177744	20.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	407656	19.88	ng	92
17) 2-Methylphenol	7.22	107	167281	20.69	ng	98
18) Hexachloroethane	7.49	117	49807	12.83	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	147280	18.84	ng	# 88
20) 3+4-Methylphenols	7.38	107	224469	22.88	ng	# 77
22) Acetophenone	7.38	105	288334	23.56	ng	# 89
24) Nitrobenzene	7.55	77	203929	20.70	ng	93
25) Isophorone	7.80	82	395735	21.35	ng	95
26) 2-Nitrophenol	7.87	139	66738	16.17	ng	# 83
27) 2,4-Dimethylphenol	7.92	122	182284	21.23	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	254671	20.93	ng	98
29) 2,4-Dichlorophenol	8.12	162	157090	21.10	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	169112	21.02	ng	# 92
31) Naphthalene	8.28	128	540465	20.55	ng	99
32) Benzoic acid	7.96	122	7726	5.78	ng	92
33) 4-Chloroaniline	8.34	127	95244	8.56	ng	# 94
34) Hexachlorobutadiene	8.41	225	98743	22.44	ng	99
35) Caprolactam	8.68	113	49119	19.76	ng	# 23
36) 4-Chloro-3-methylphenol	8.82	107	157341	19.60	ng	# 85
37) 2-Methylnaphthalene	8.98	142	365447	21.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	165911	25.18	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	99058	19.62	ng	95

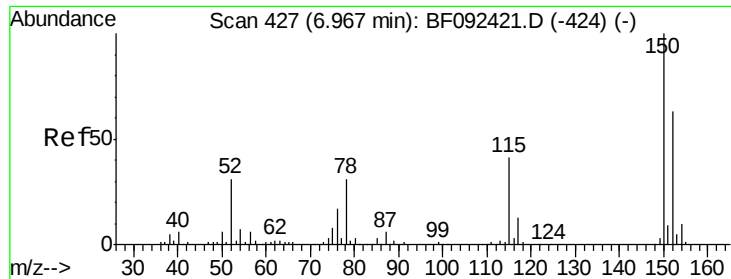
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	103049	22.31	ng	# 90
45) 1,1'-Biphenyl	9.45	154	445728	23.61	ng	97
46) 2-Chloronaphthalene	9.47	162	303299	19.67	ng	95
47) 2-Nitroaniline	9.56	65	107646	20.73	ng	91
48) Acenaphthylene	9.89	152	499051	22.07	ng	97
49) Dimethylphthalate	9.74	163	442975	26.67	ng	99
50) 2,6-Dinitrotoluene	9.80	165	52688	15.52	ng	# 59
51) Acenaphthene	10.06	154	292766	20.83	ng	97
52) 3-Nitroaniline	9.97	138	86007	20.23	ng	97
53) 2,4-Dinitrophenol	10.08	184	1317	4.11	ng	# 1
54) Dibenzofuran	10.24	168	436346	22.87	ng	90
55) 4-Nitrophenol	10.12	139	104913	31.07	ng	# 86
56) 2,4-Dinitrotoluene	10.20	165	63493	14.09	ng	# 74
57) Fluorene	10.58	166	332603	23.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	79380	22.94	ng	97
59) Diethylphthalate	10.44	149	335390	21.06	ng	99
60) 4-Chlorophenyl-phenylether	10.57	204	145308	21.17	ng	92
61) 4-Nitroaniline	10.58	138	80217	18.86	ng	93
62) Azobenzene	10.73	77	348302	19.22	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	4084	6.71	ng	89
65) n-Nitrosodiphenylamine	10.68	169	275211	22.80	ng	100
66) 4-Bromophenyl-phenylether	11.06	248	86425	22.15	ng	98
67) Hexachlorobenzene	11.13	284	84198	21.35	ng	98
68) Atrazine	11.21	200	78921	19.11	ng	97
69) Pentachlorophenol	11.32	266	95076	37.70	ng	95
70) Phenanthrene	11.54	178	518359	24.36	ng	98
71) Anthracene	11.60	178	497293	23.91	ng	97
72) Carbazole	11.75	167	457688	23.05	ng	98
73) Di-n-butylphthalate	12.08	149	529789	23.33	ng	# 97
74) Fluoranthene	12.73	202	559849	26.89	ng	98
76) Benzidine	12.85	184	20294	2.08	ng	# 73
77) Pyrene	12.96	202	554613	29.08	ng	99
80) Benzo(a)anthracene	14.16	228	348053	24.60	ng	100
81) 3,3'-Dichlorobenzidine	14.11	252	54495	10.15	ng	# 93
82) Chrysene	14.19	228	344734	22.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	300160	30.85	ng	# 96
84) Di-n-octyl phthalate	14.76	149	426104	24.12	ng	# 74
85) Indeno(1,2,3-cd)pyrene	17.16	276	253687	22.70	ng	96
87) Benzo(b)fluoranthene	15.22	252	553371	45.59	ng	# 92
88) Benzo(k)fluoranthene	15.22	252	553371	54.83	ng	# 91
89) Benzo(a)pyrene	15.60	252	247993	24.15	ng	# 92
90) Dibenzo(a,h)anthracene	17.17	278	200497	24.15	ng	# 90
91) Benzo(g,h,i)perylene	17.62	276	208510	24.83	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

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CAS-SB-01-0-2MS

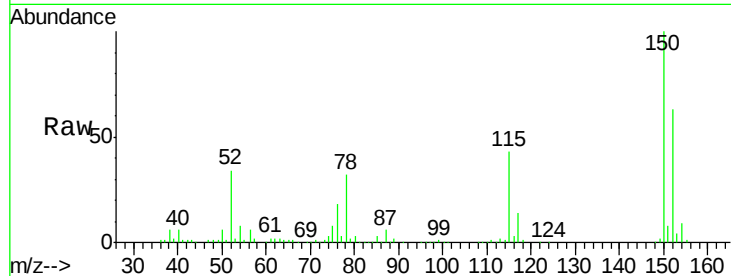
Tgt Ion:152 Resp: 140185

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

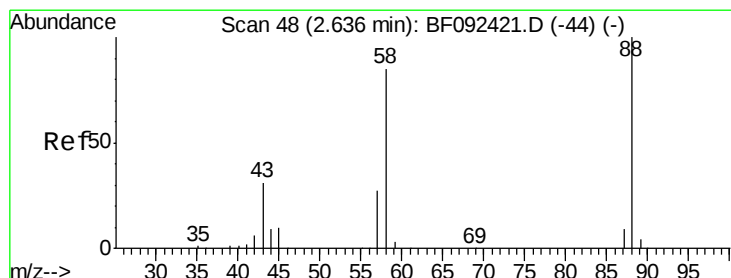
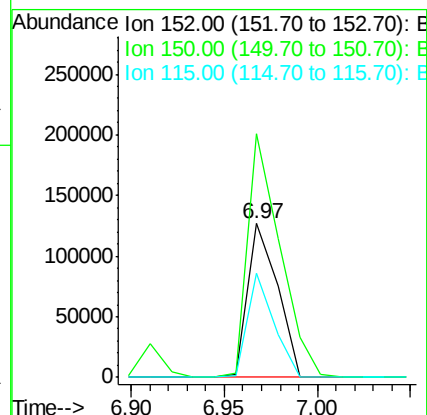
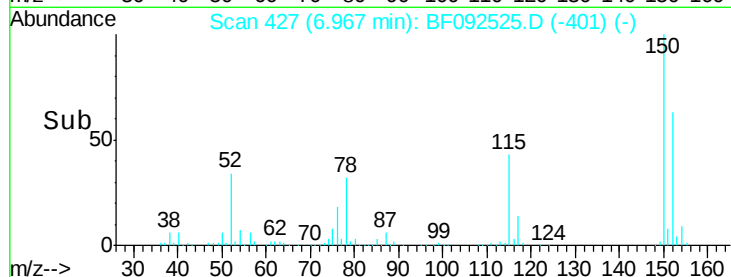
115 67.8 46.0 69.0



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: 18.55 ng

RT: 2.62 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

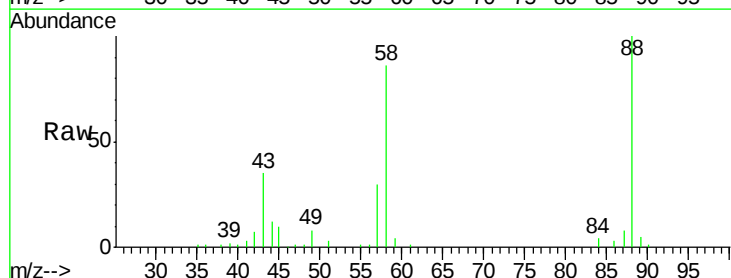
Tgt Ion: 88 Resp: 88868

Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

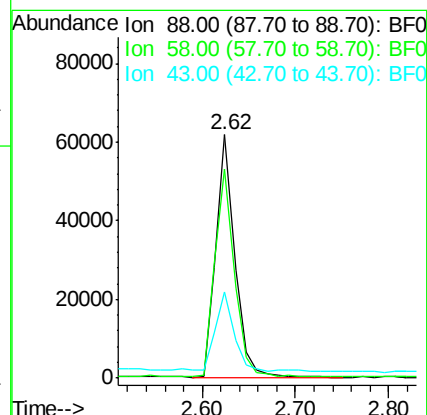
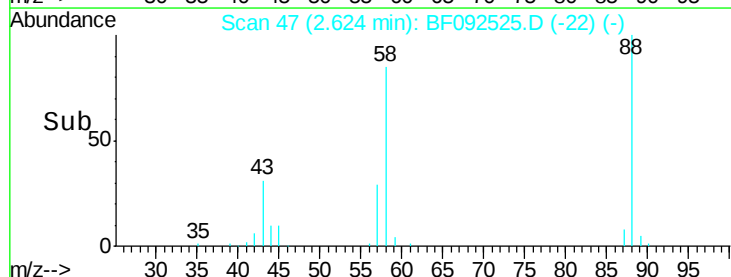
43 33.1 22.3 33.5

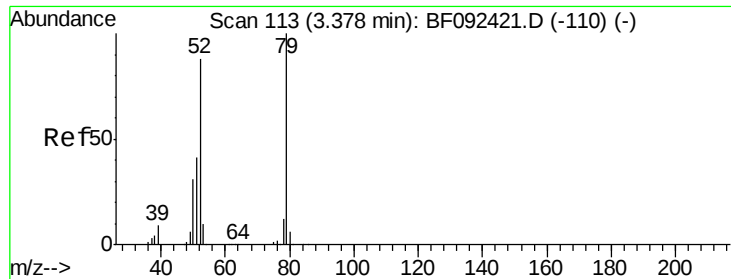


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 16.65 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

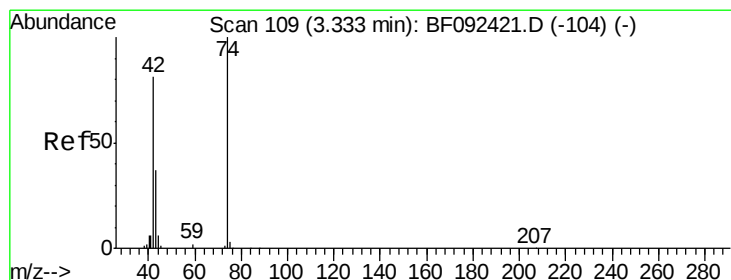
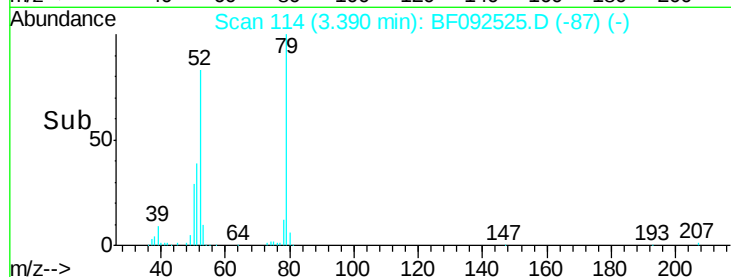
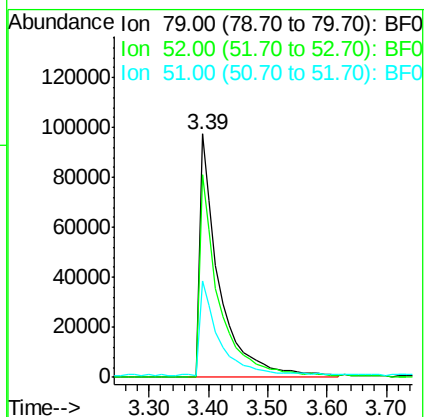
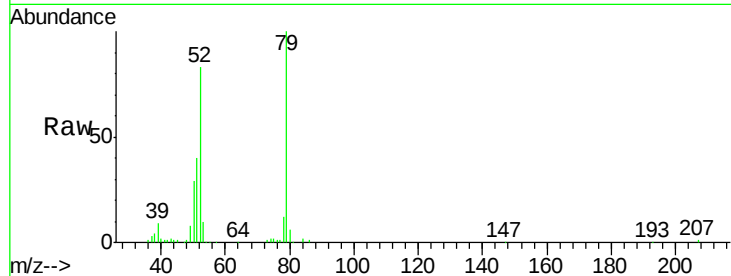
Tgt Ion: 79 Resp: 227092

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

51 39.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 19.49 ng

RT: 3.32 min Scan# 108

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

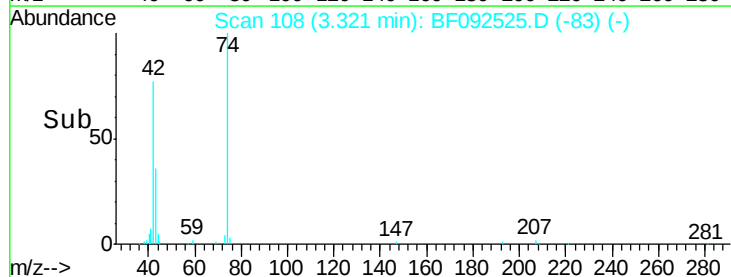
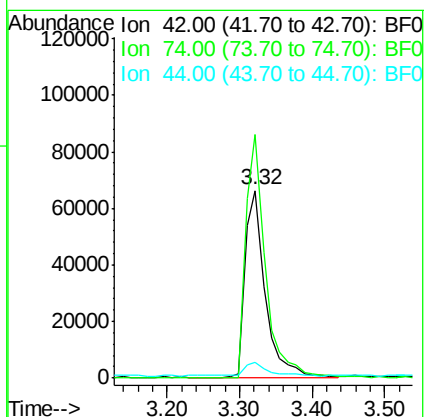
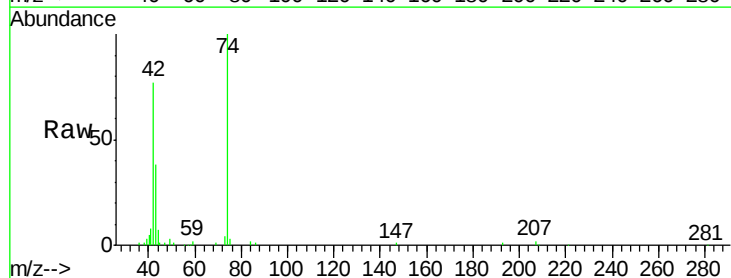
Tgt Ion: 42 Resp: 130452

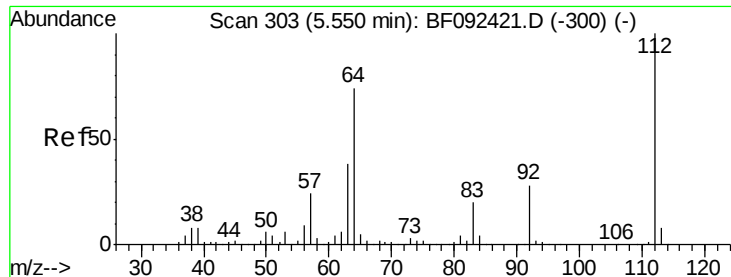
Ion Ratio Lower Upper

42 100

74 130.0 117.0 175.4

44 8.6 5.5 8.3#





#5

2-Fluorophenol

Concen: 70.60 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

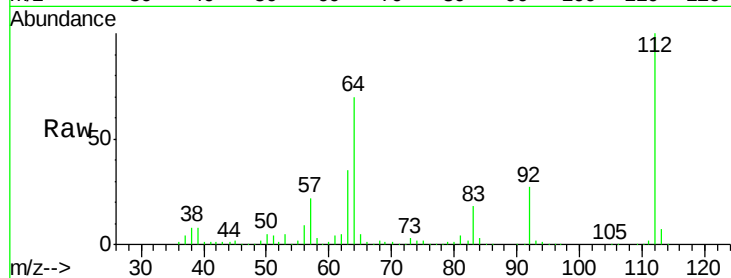
Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

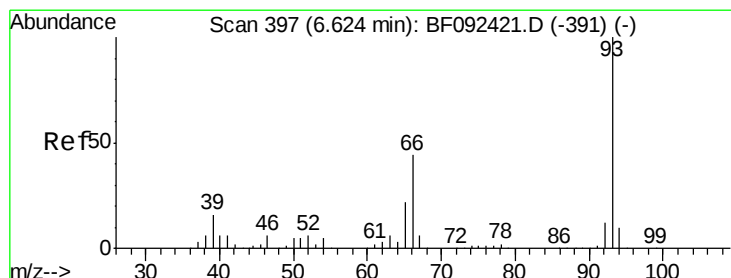
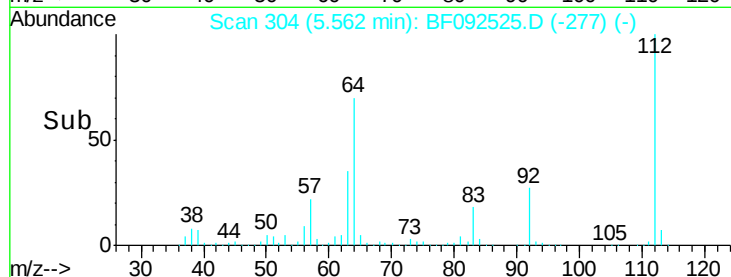
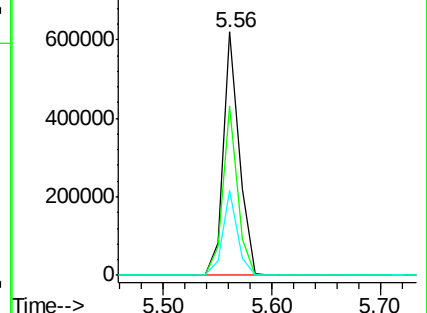
Tgt Ion:	112	Resp:	636164
Ion	Ratio	Lower	Upper
112	100		
64	69.8	46.1	69.1#
63	34.7	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.28 ng

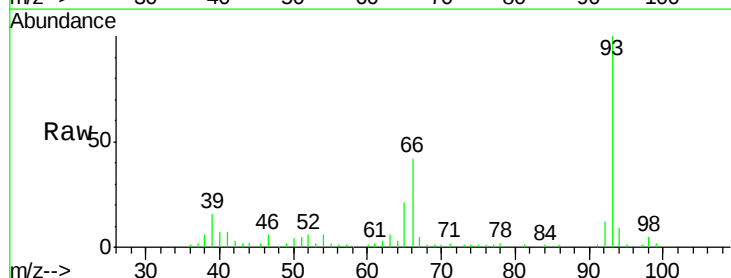
RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

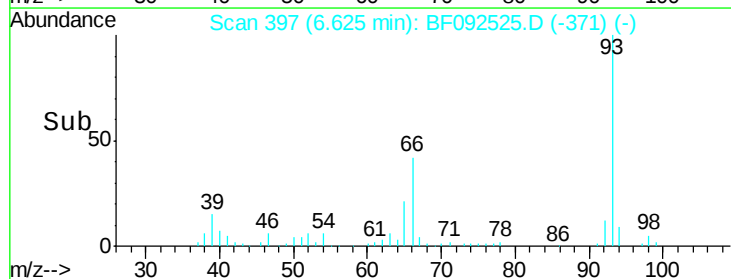
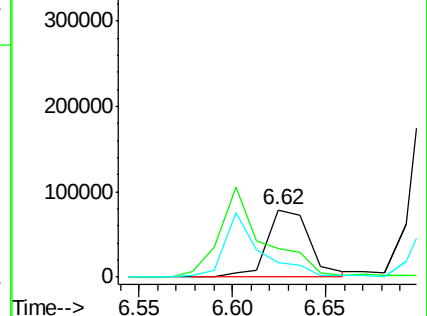
Tgt Ion:	93	Resp:	124668
Ion	Ratio	Lower	Upper
93	100		
66	42.2	76.2	114.2#
65	21.3	49.3	73.9#

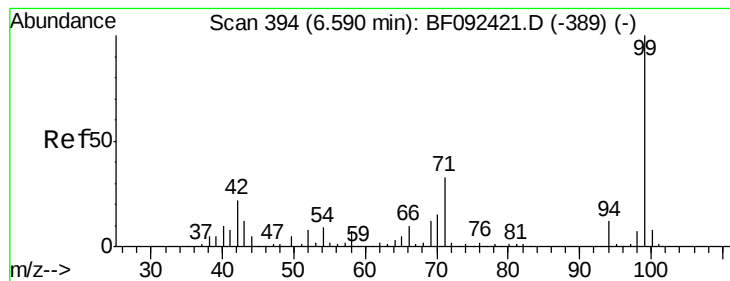


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.28 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

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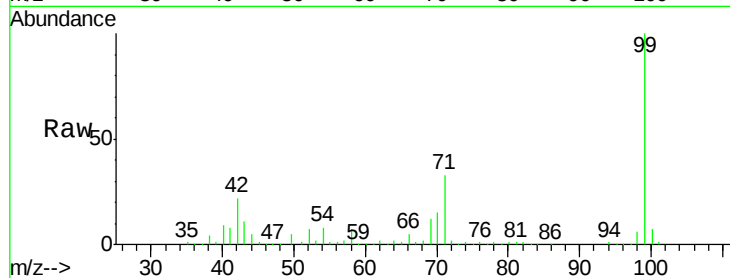
Tgt Ion: 99 Resp: 795125

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

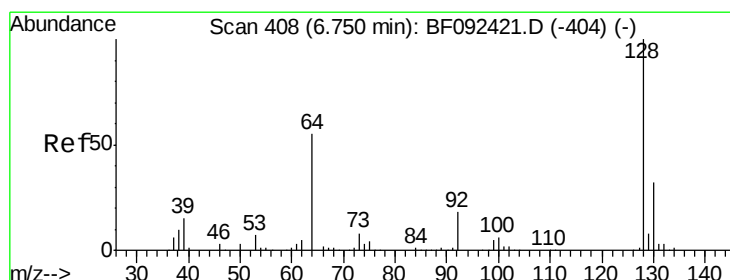
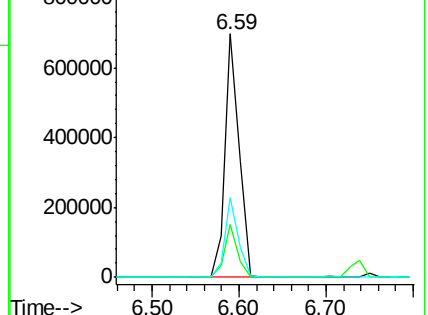
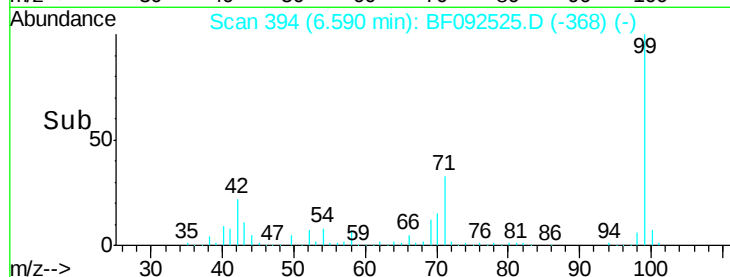
71 32.6 27.5 41.3



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: 21.93 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

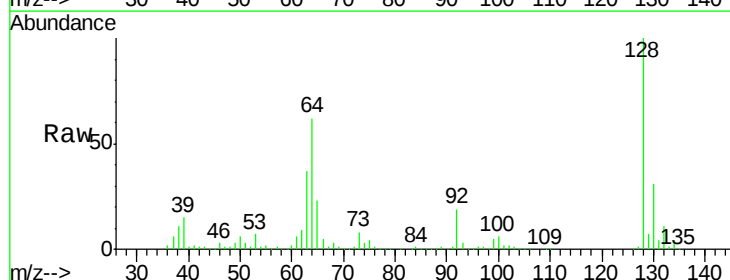
Tgt Ion: 128 Resp: 207590

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

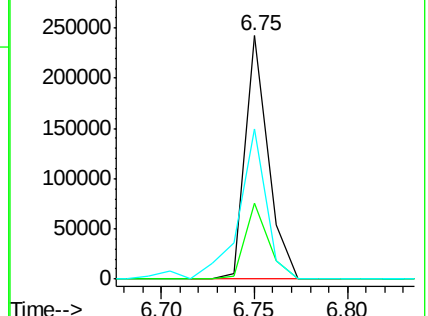
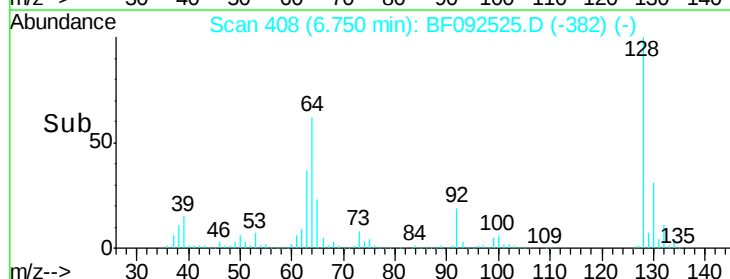
64 61.9 32.2 72.2

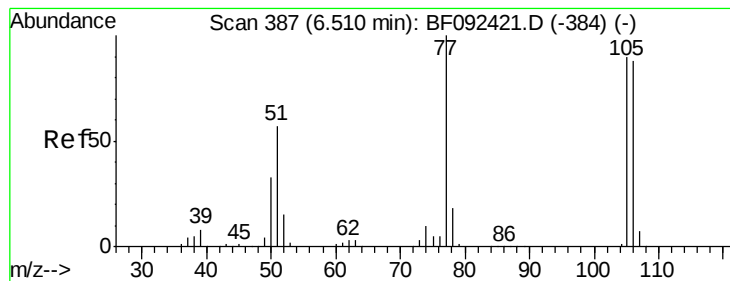


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.20 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

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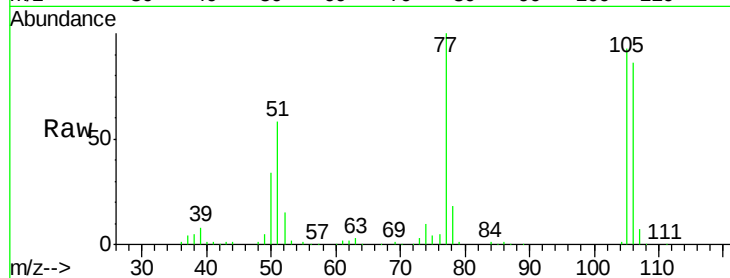
Tgt Ion: 77 Resp: 156392

Ion Ratio Lower Upper

77 100

105 93.3 83.9 123.9

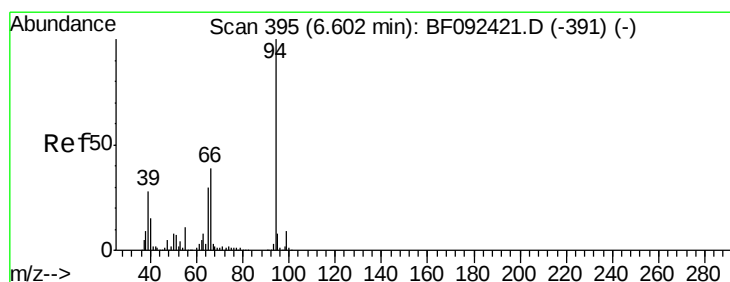
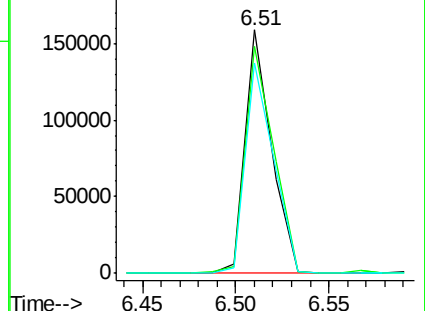
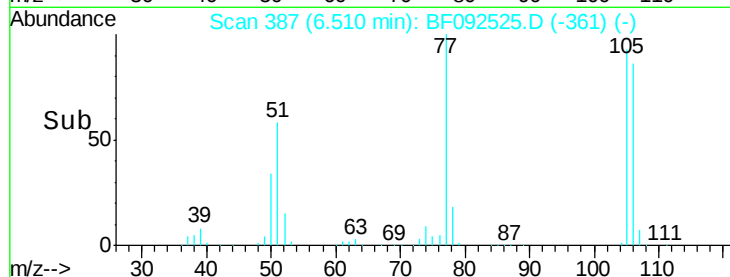
106 86.3 77.6 117.6



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: 19.48 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

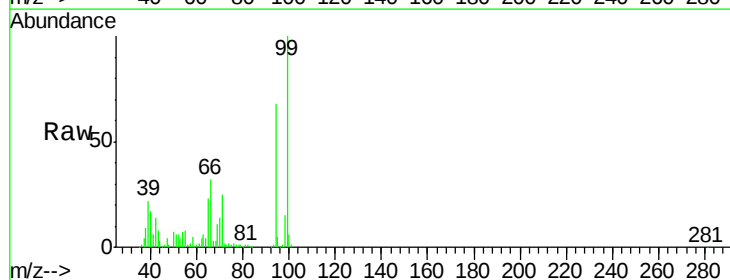
Tgt Ion: 94 Resp: 269894

Ion Ratio Lower Upper

94 100

65 33.4 21.4 61.4

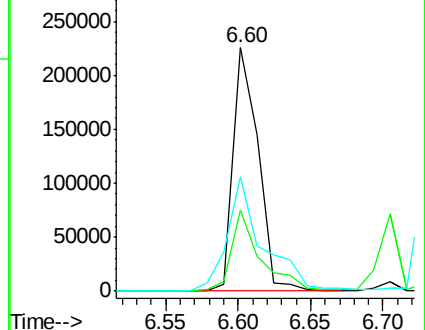
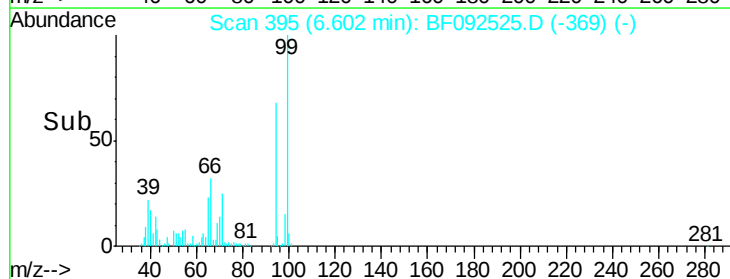
66 47.1 44.0 84.0

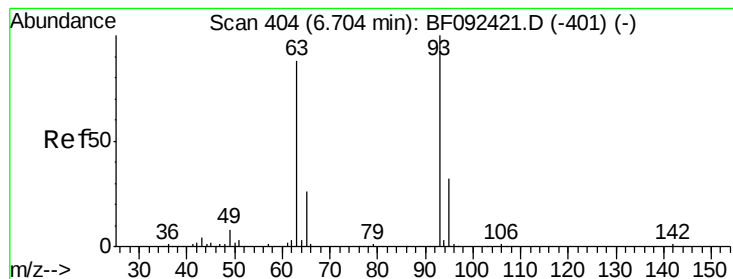


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 23.66 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

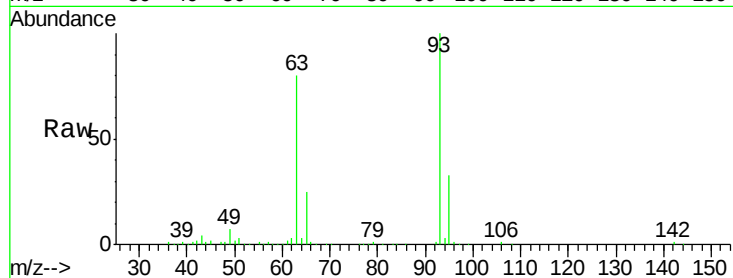
Tgt Ion: 93 Resp: 245207

Ion Ratio Lower Upper

93 100

63 80.5 60.4 100.4

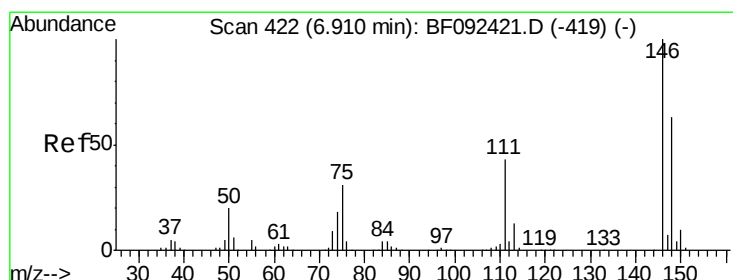
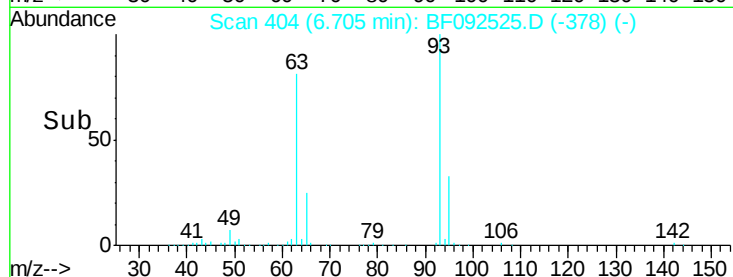
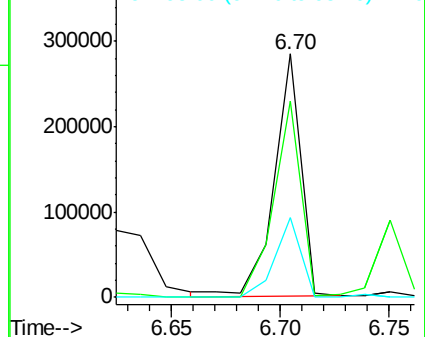
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 21.53 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

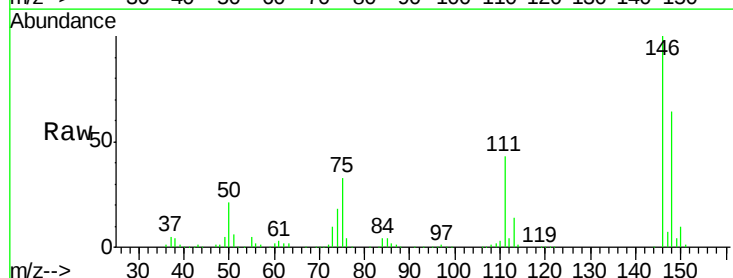
Tgt Ion: 146 Resp: 240931

Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

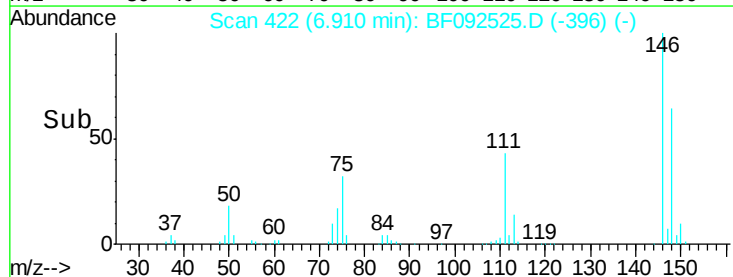
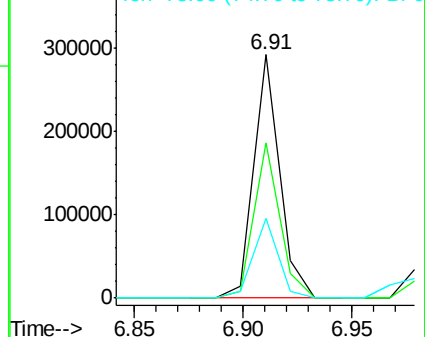
75 32.6 18.5 27.7#

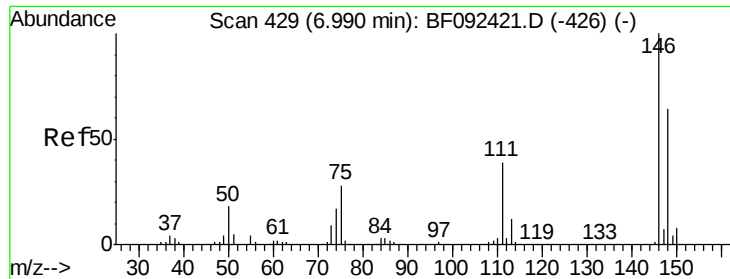


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

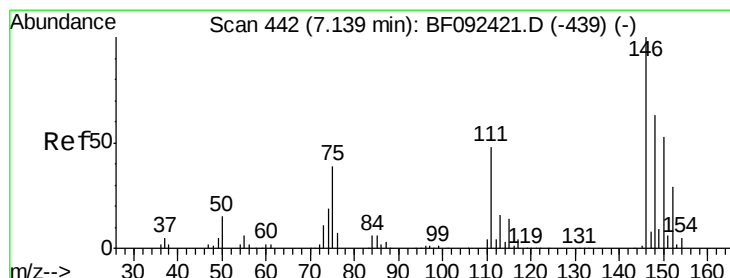
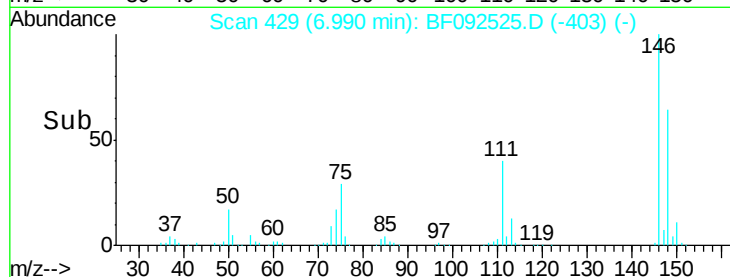
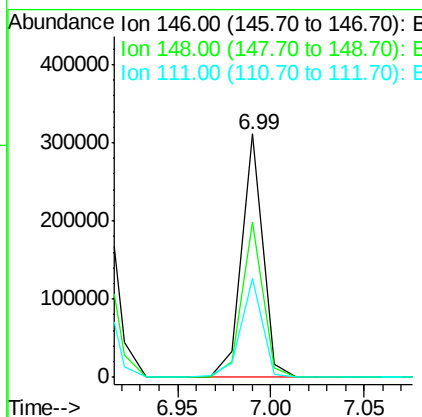
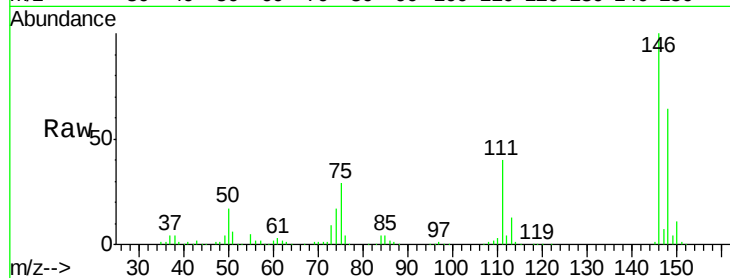




#13
 1,4-Dichlorobenzene
 Concen: 22.08 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

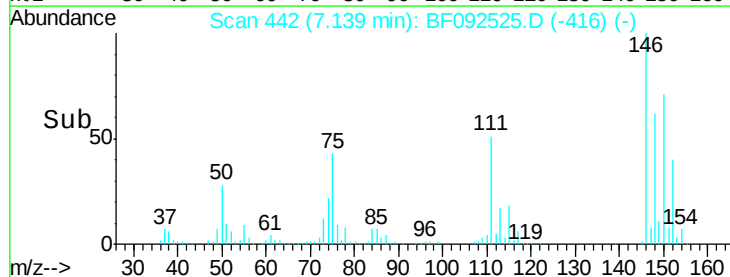
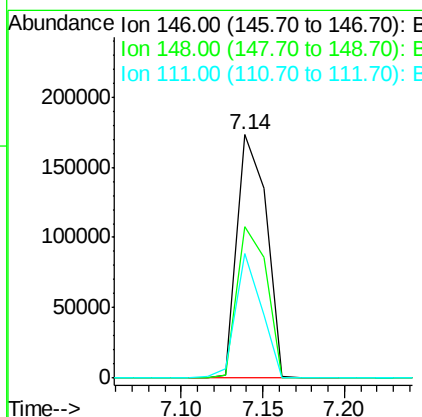
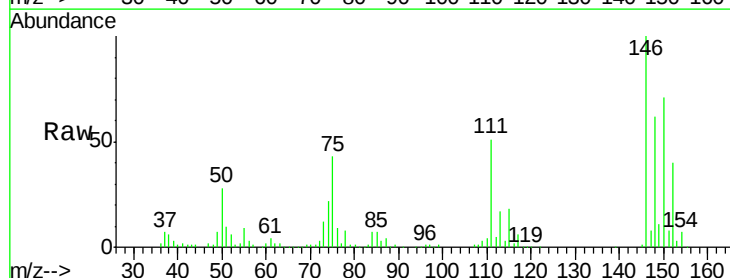
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

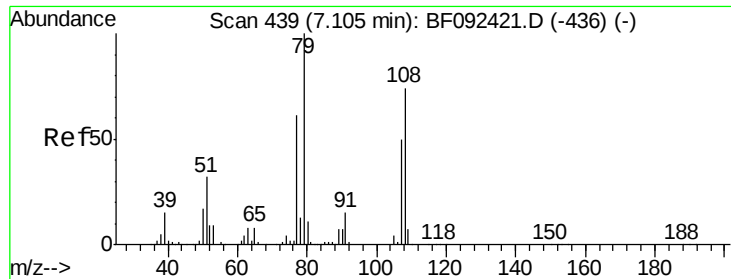
Tgt Ion:146 Resp: 248730
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 40.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 19.99 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:146 Resp: 213625
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 51.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 20.55 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

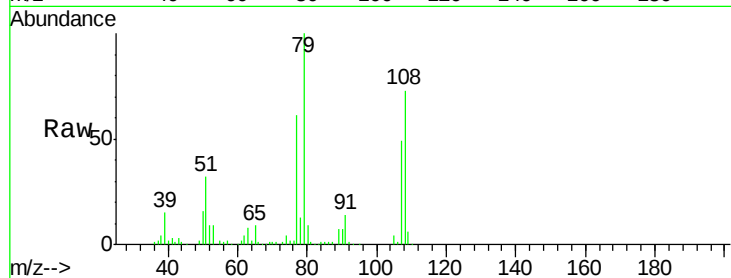
Tgt Ion: 79 Resp: 177744

Ion Ratio Lower Upper

79 100

108 72.6 61.4 92.0

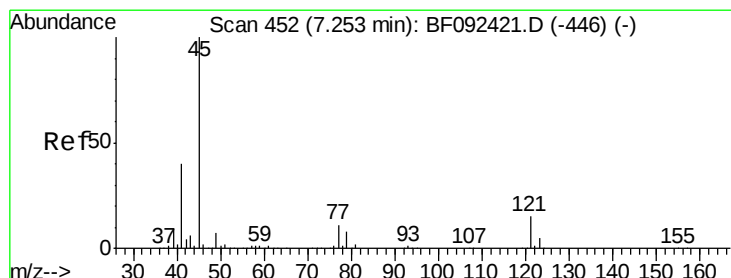
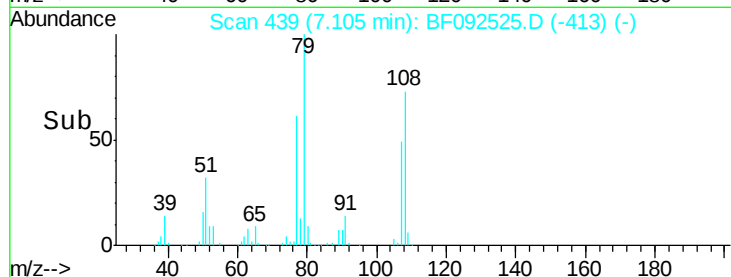
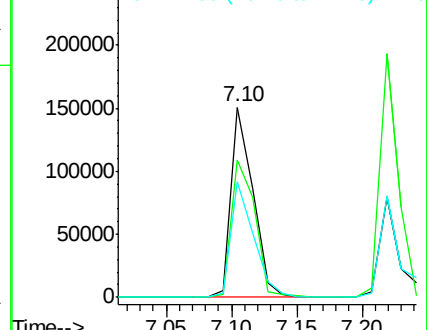
77 61.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.88 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

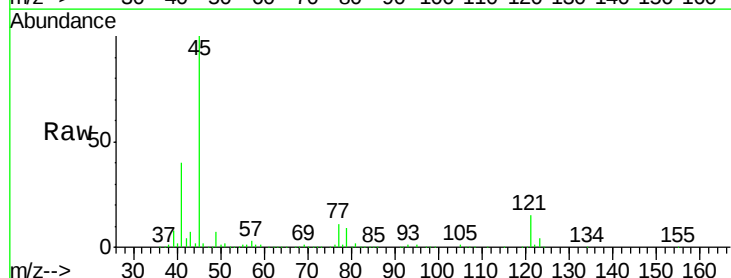
Tgt Ion: 45 Resp: 407656

Ion Ratio Lower Upper

45 100

77 10.9 0.0 34.6

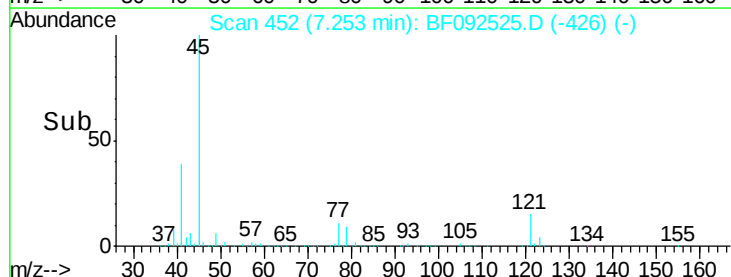
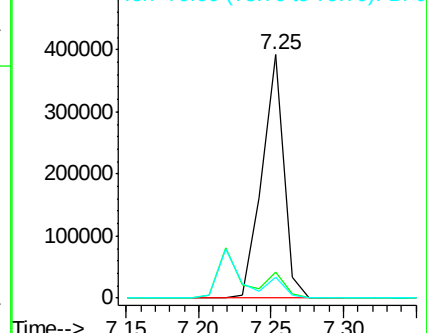
79 8.7 0.0 31.2

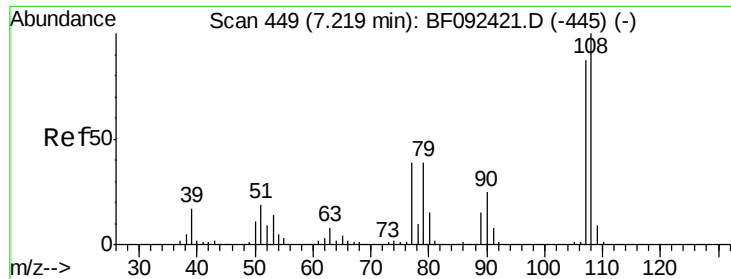


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

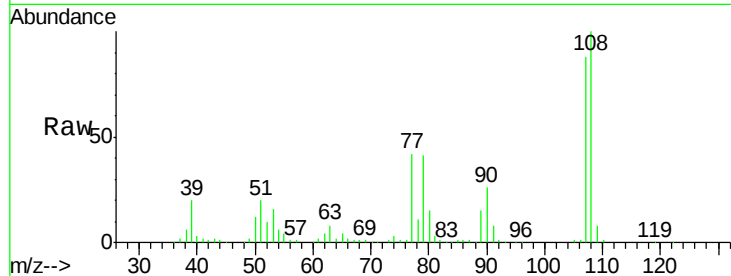




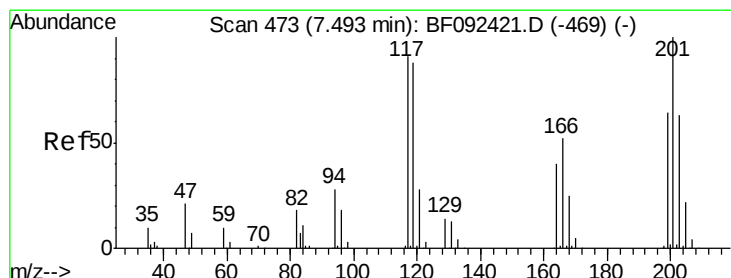
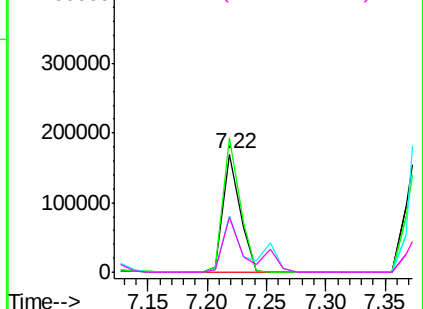
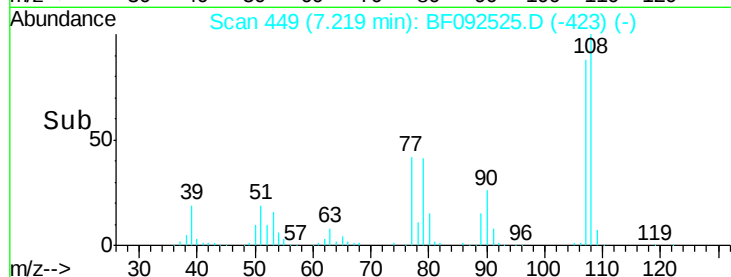
#17
2-Methylphenol
Concen: 20.69 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

Tgt Ion:107 Resp: 167281
Ion Ratio Lower Upper
107 100
108 113.6 93.0 139.6
77 47.5 39.8 59.8
79 46.9 38.0 57.0

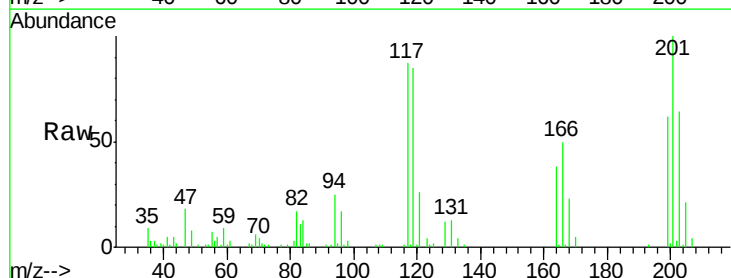


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

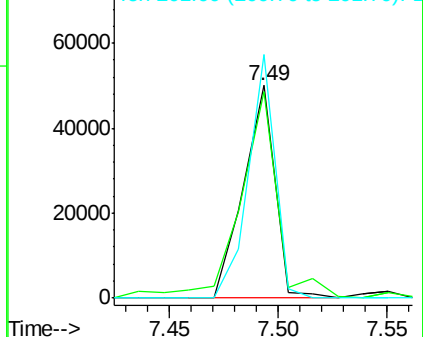
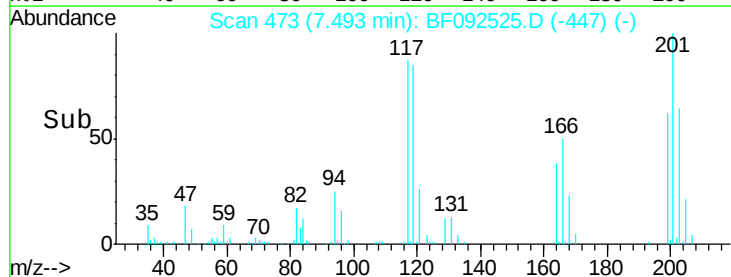


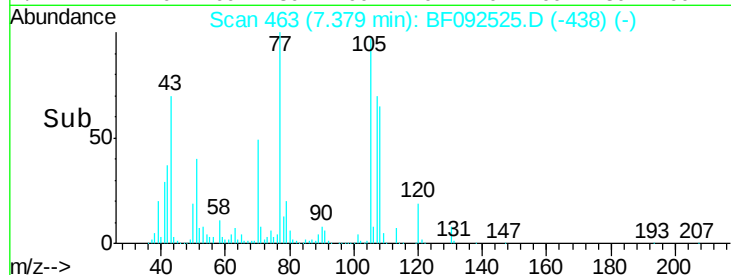
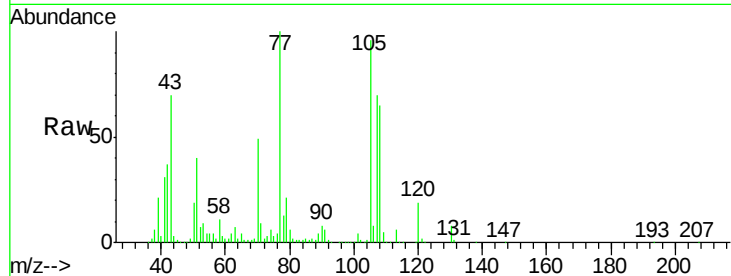
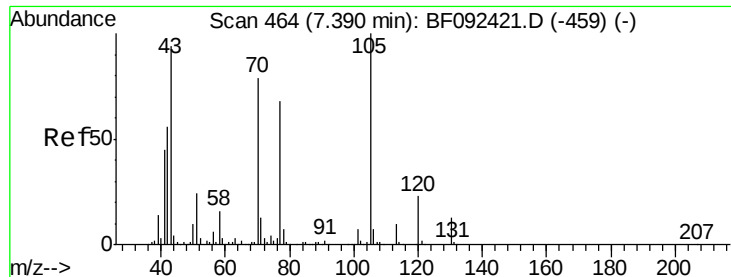
#18
Hexachloroethane
Concen: 12.83 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:117 Resp: 49807
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 114.7 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

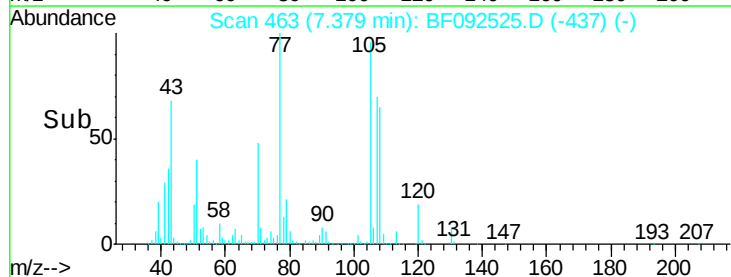
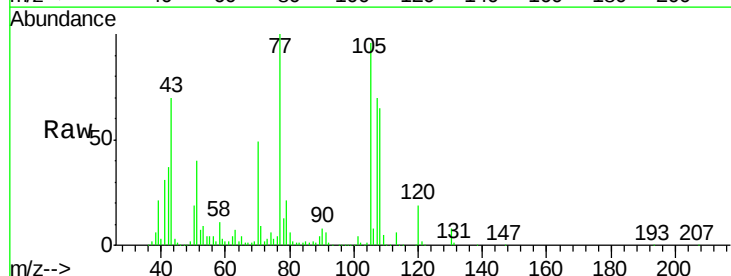
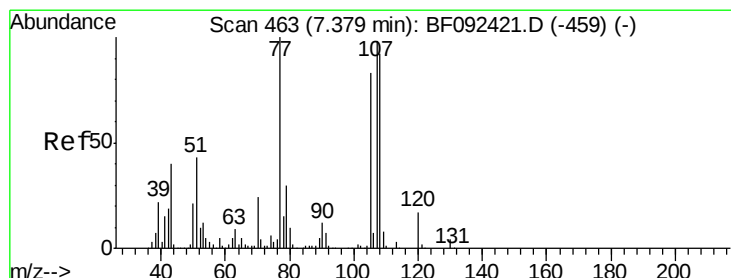
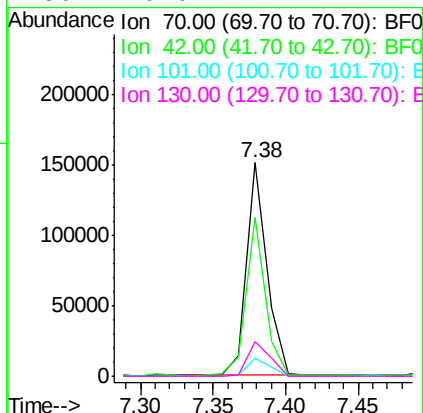




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

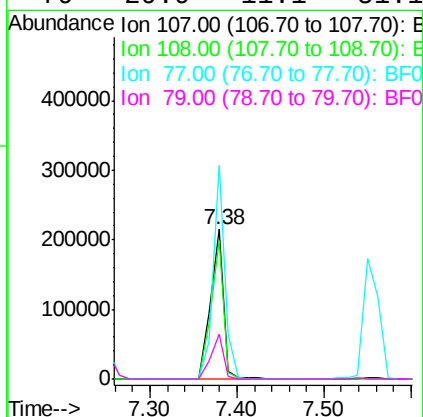
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

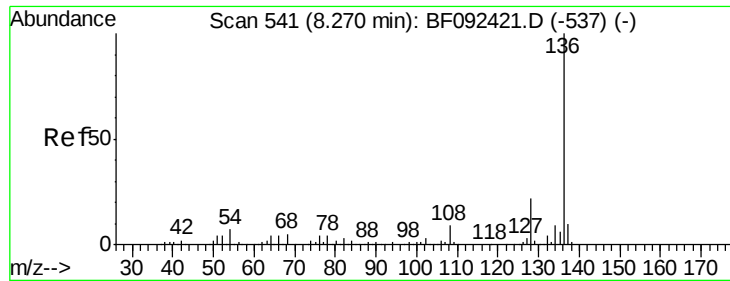
Tgt Ion: 70 Resp: 147280
Ion Ratio Lower Upper
70 100
42 74.1 49.4 74.0#
101 8.5 7.4 11.2
130 16.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 22.88 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion: 107 Resp: 224469
Ion Ratio Lower Upper
107 100
108 92.9 73.0 113.0
77 143.0 71.3 111.3#
79 29.9 11.1 51.1

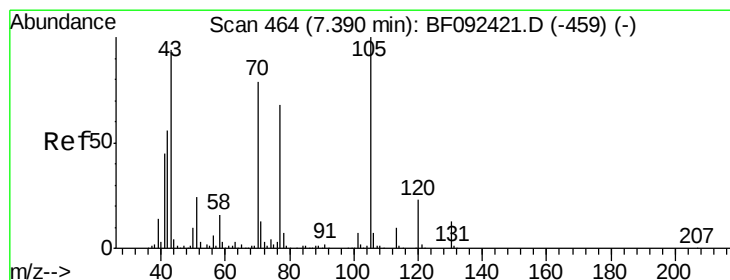
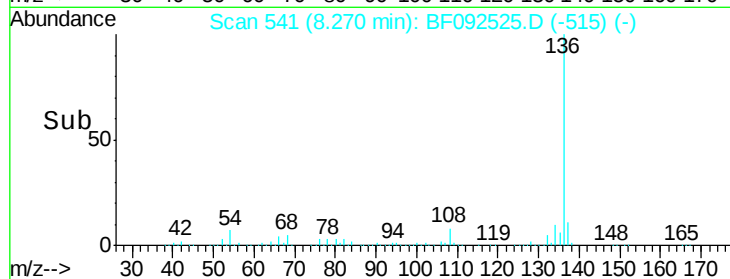
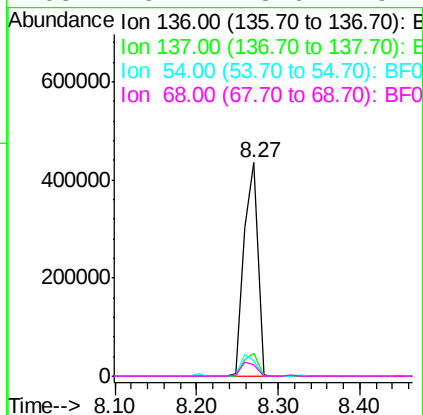
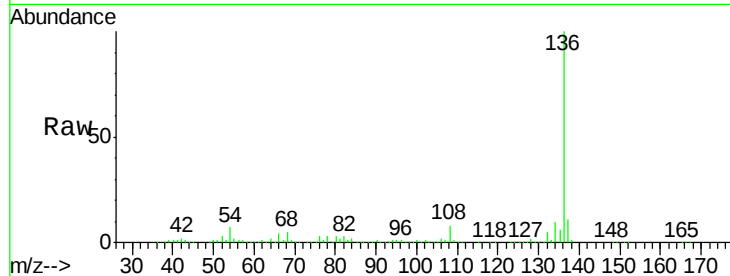




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

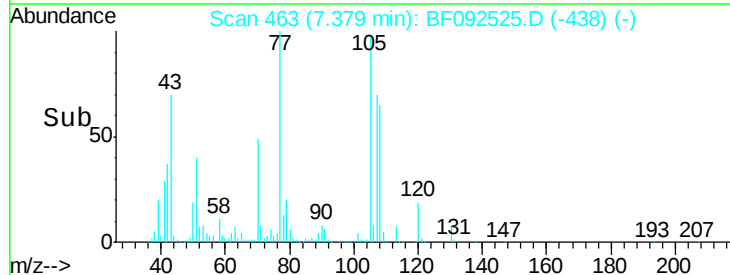
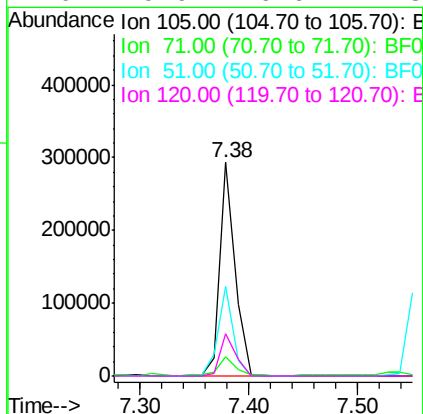
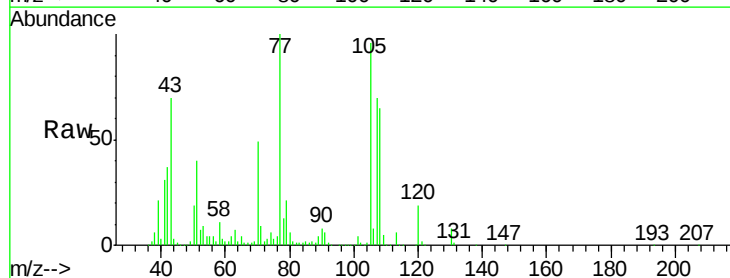
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

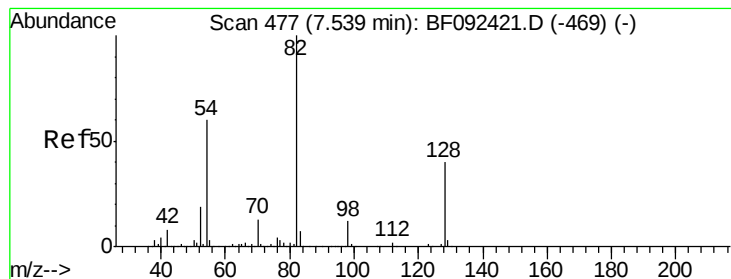
Tgt Ion:	136	Resp:	513738
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.0	4.5	6.7#
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 23.56 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:	105	Resp:	288334
Ion	Ratio	Lower	Upper
105	100		
71	9.1	3.2	4.8#
51	42.0	26.2	39.4#
120	19.9	16.6	24.8





#23

Nitrobenzene-d5

Concen: 55.76 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

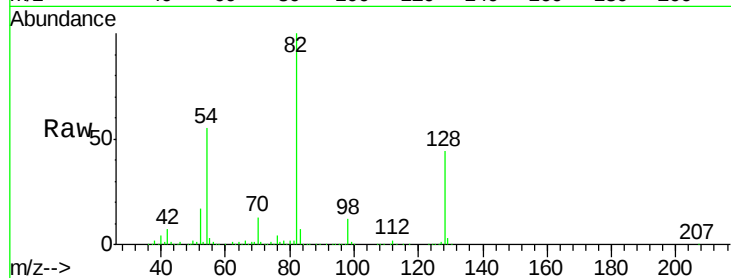
Tgt Ion: 82 Resp: 524399

Ion Ratio Lower Upper

82 100

128 44.0 34.6 52.0

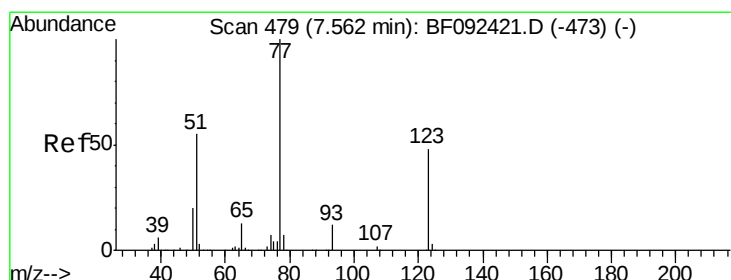
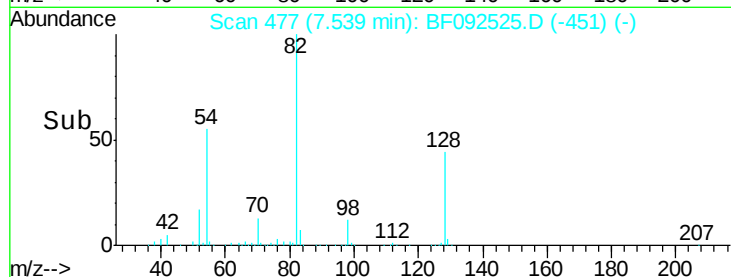
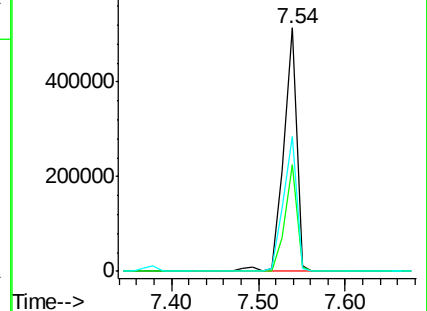
54 55.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 20.70 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

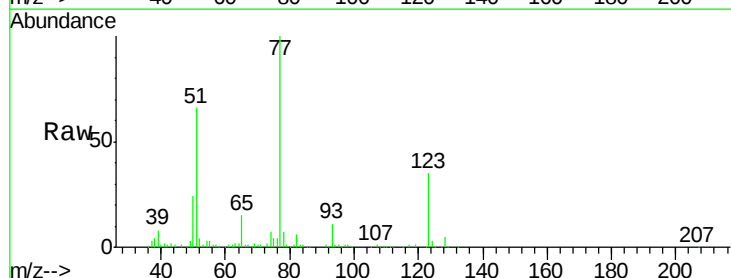
Tgt Ion: 77 Resp: 203929

Ion Ratio Lower Upper

77 100

123 35.4 33.0 49.4

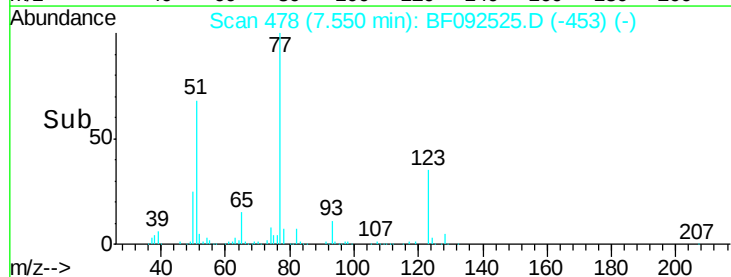
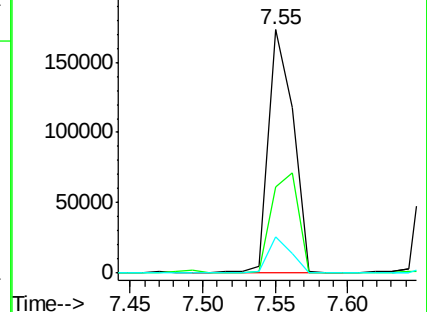
65 14.6 11.2 16.8

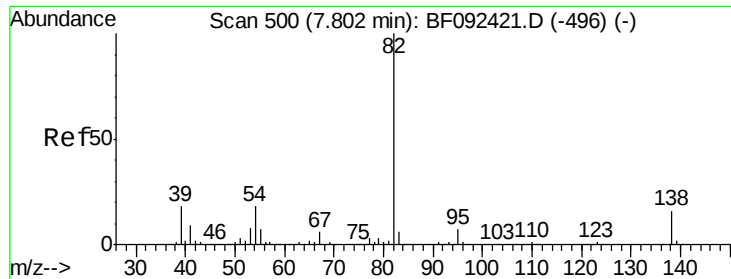


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 21.35 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

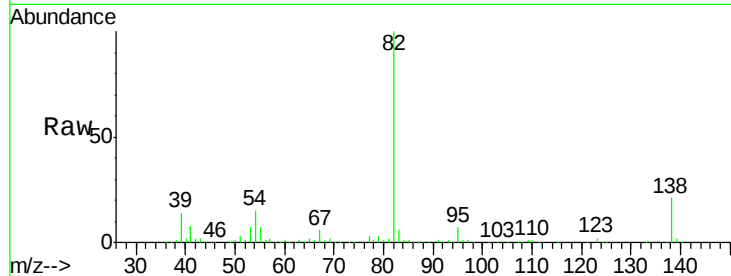
Tgt Ion: 82 Resp: 395735

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

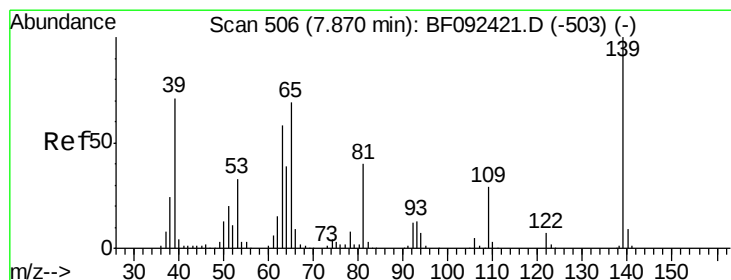
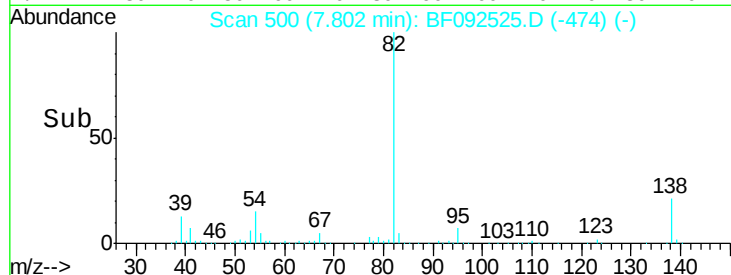
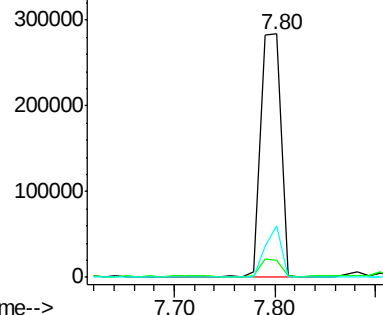
138 21.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 16.17 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

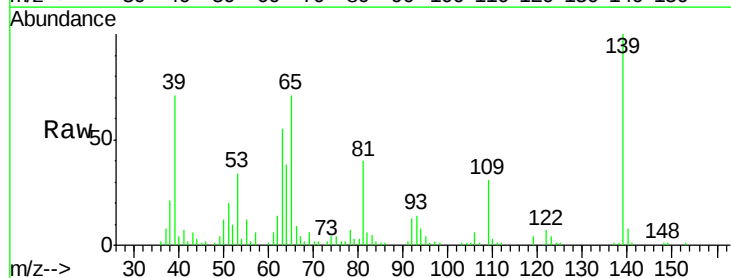
Tgt Ion: 139 Resp: 66738

Ion Ratio Lower Upper

139 100

109 31.3 23.3 34.9

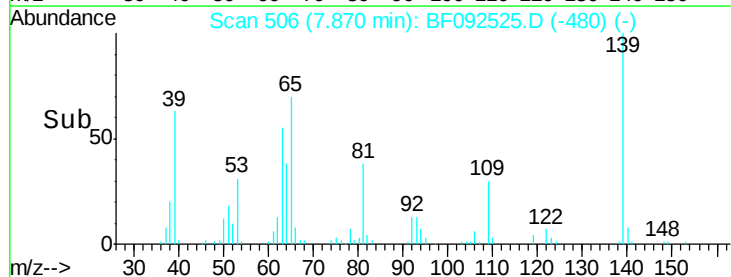
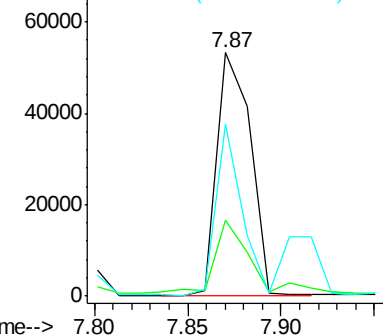
65 70.7 42.7 64.1#

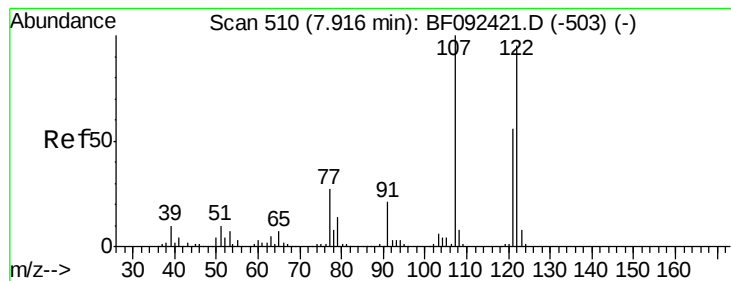


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 21.23 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

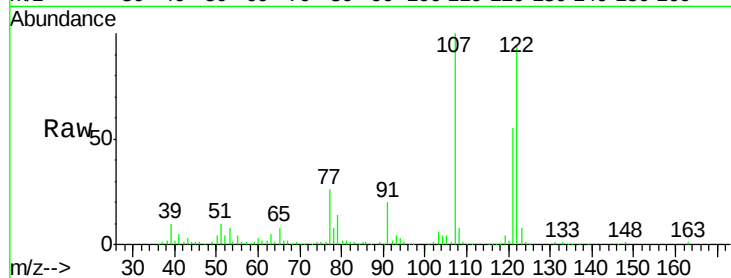
Tgt Ion:122 Resp: 182284

Ion Ratio Lower Upper

122 100

107 106.2 94.1 141.1

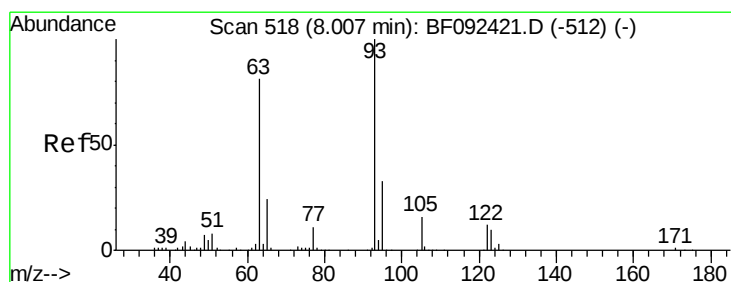
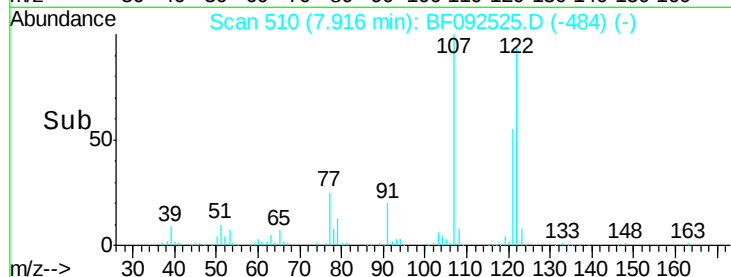
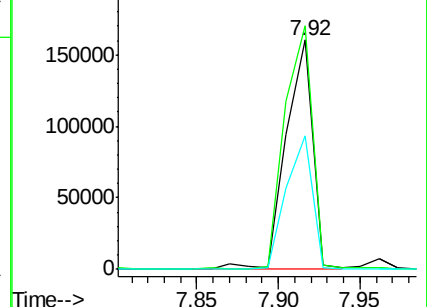
121 58.2 46.0 69.0



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: 20.93 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

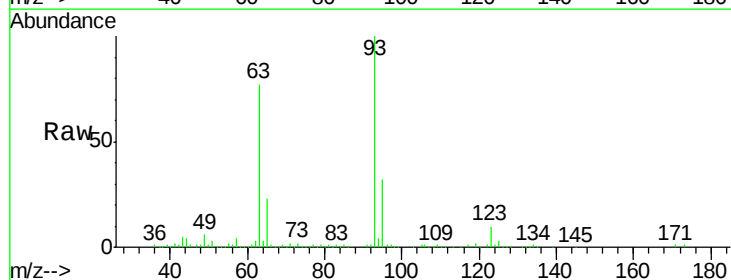
Tgt Ion: 93 Resp: 254671

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

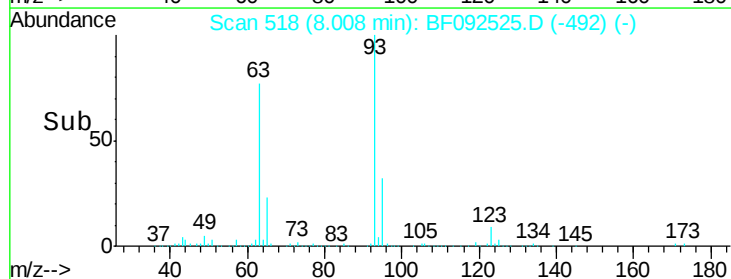
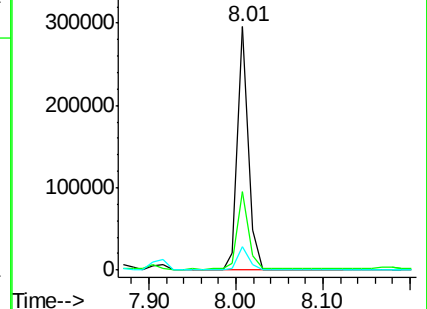
123 9.6 8.6 13.0

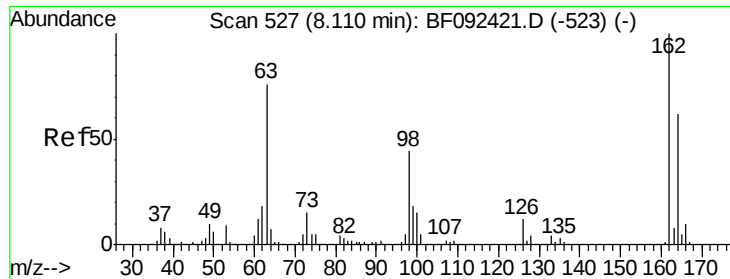


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

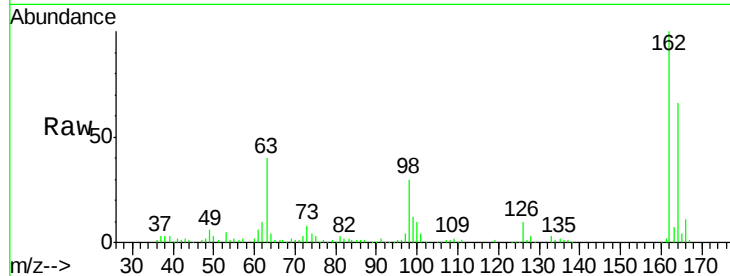




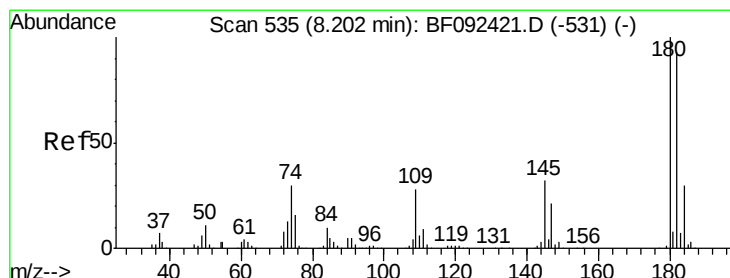
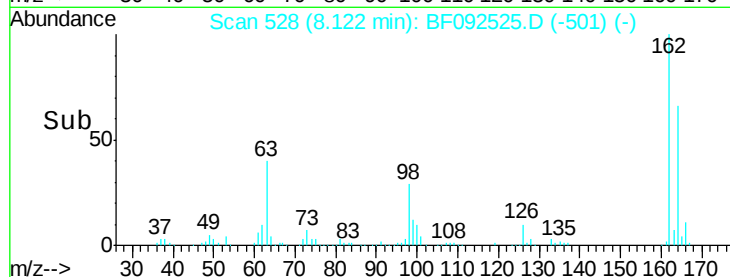
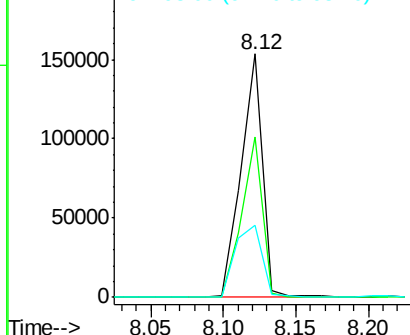
#29
 2,4-Dichlorophenol
 Concen: 21.10 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.8	86.8
98	29.8	9.1	49.1

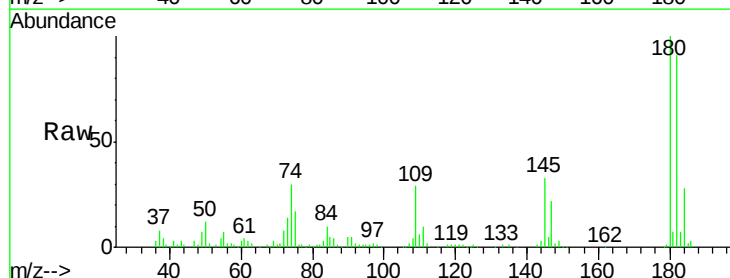


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

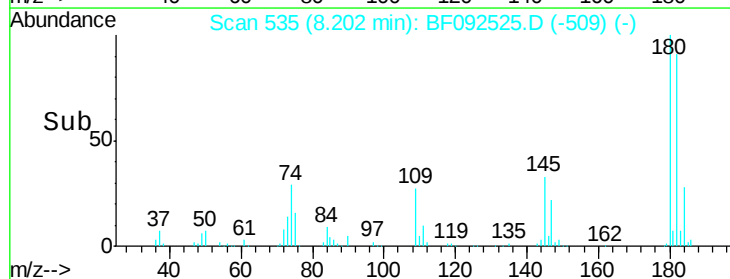
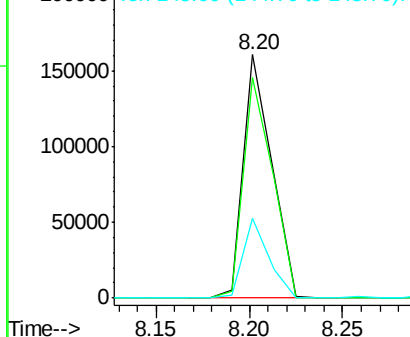


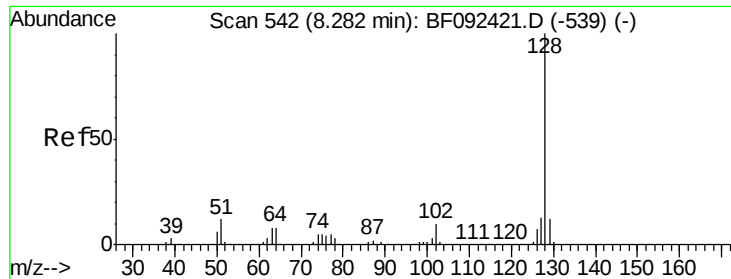
#30
 1,2,4-Trichlorobenzene
 Concen: 21.02 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	78.2	117.4
145	32.8	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

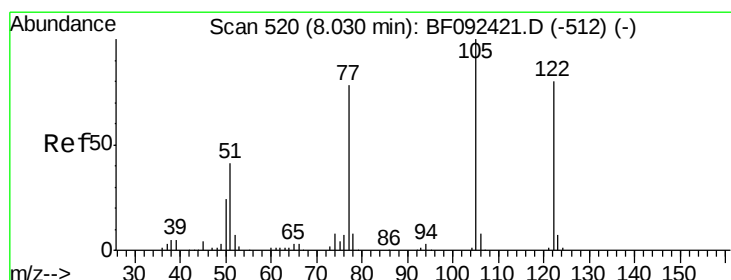
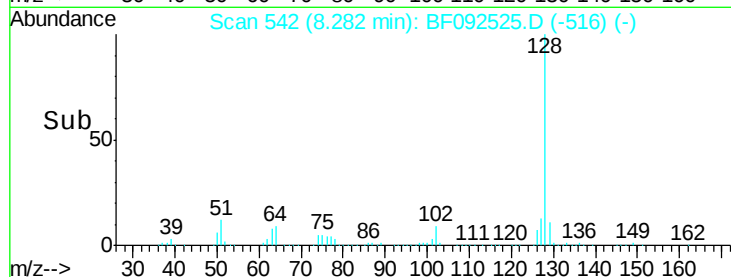
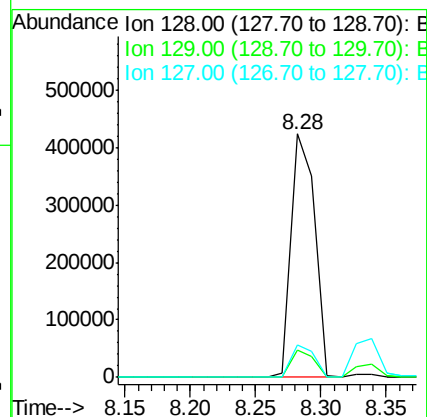
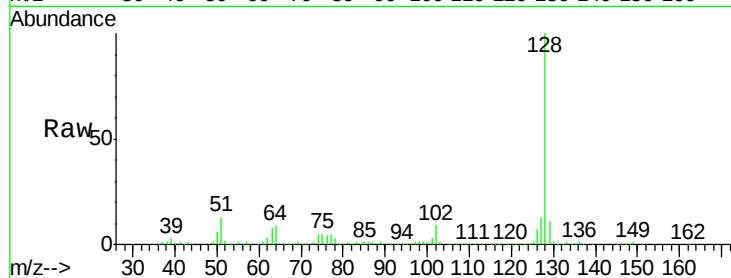




#31
Naphthalene
Concen: 20.55 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

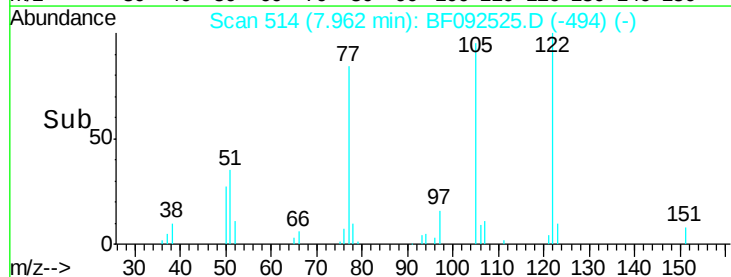
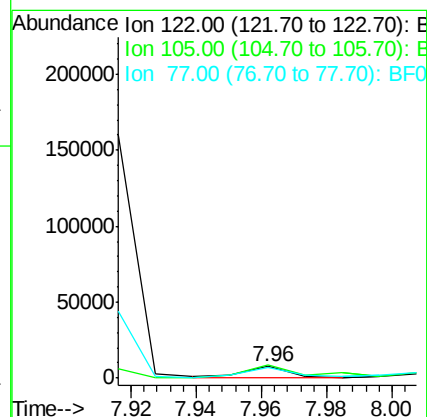
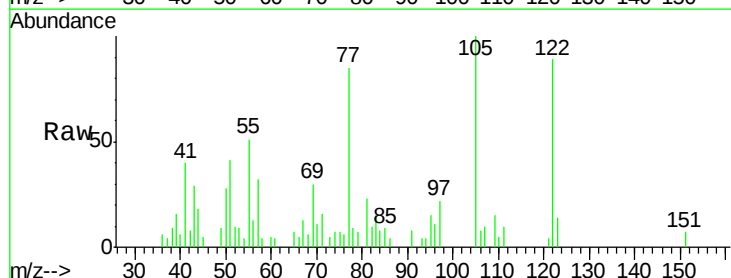
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

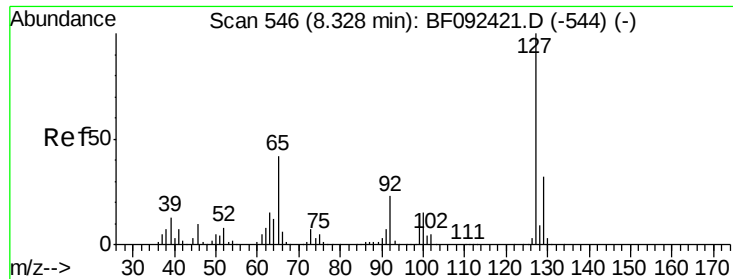
Tgt Ion:128 Resp: 540465
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 5.78 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:122 Resp: 7726
Ion Ratio Lower Upper
122 100
105 111.9 107.2 147.2
77 95.2 74.5 114.5

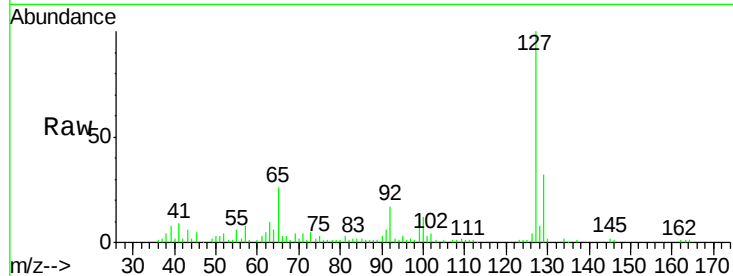




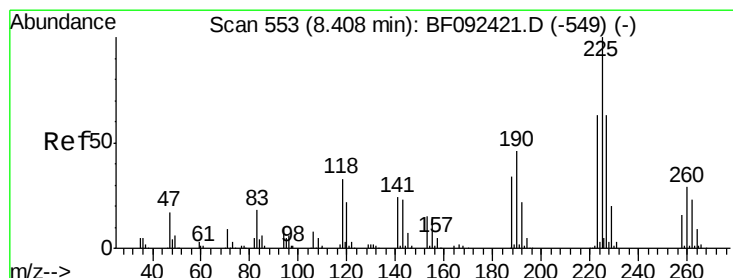
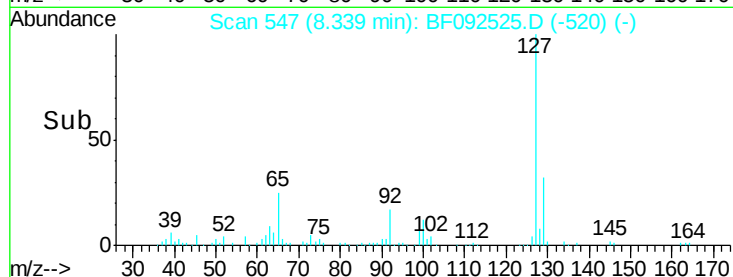
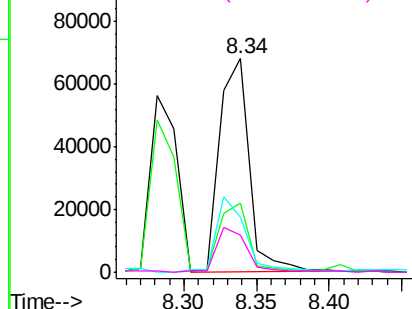
#33
 4-Chloroaniline
 Concen: 8.56 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion:	127	Resp:	95244
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	25.8	25.8	38.8#
92	17.5	16.1	24.1

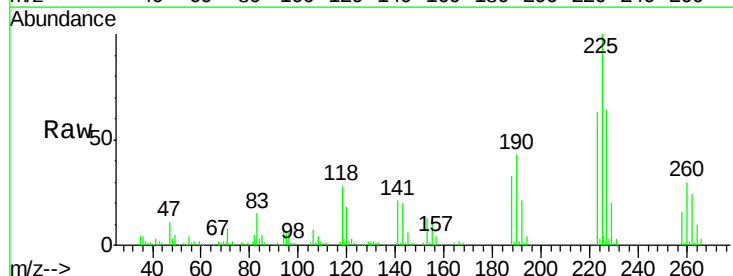


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

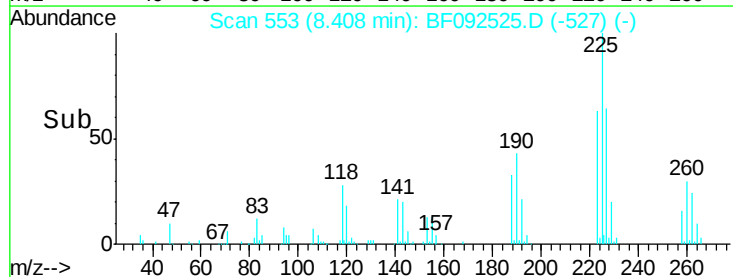
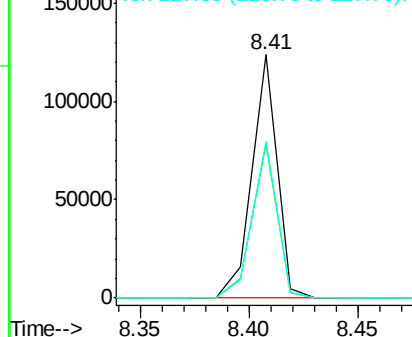


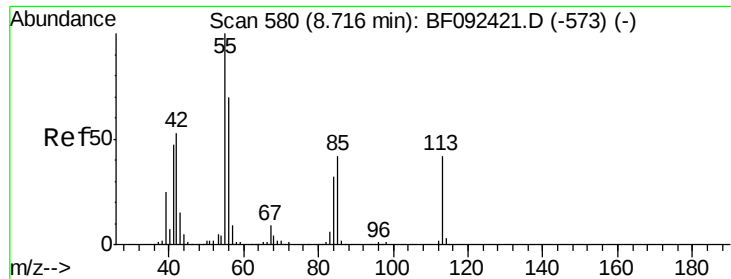
#34
 Hexachlorobutadiene
 Concen: 22.44 ng
 RT: 8.41 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:	225	Resp:	98743
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	64.1	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

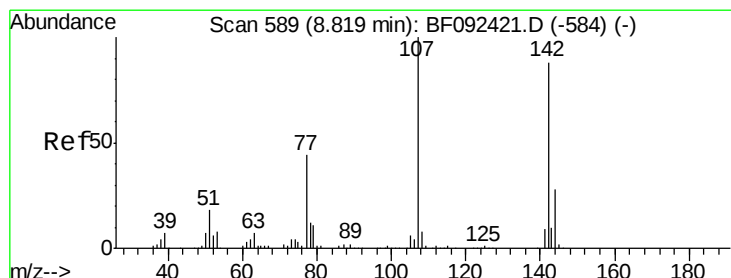
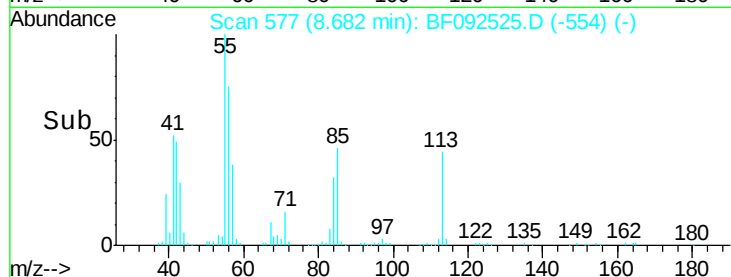
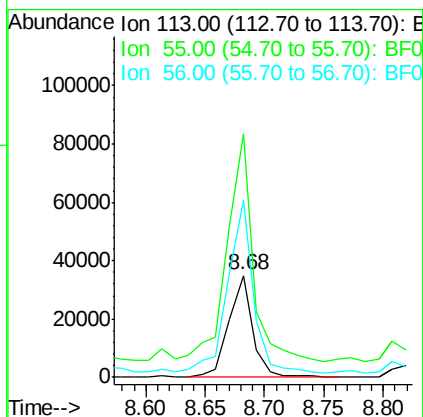
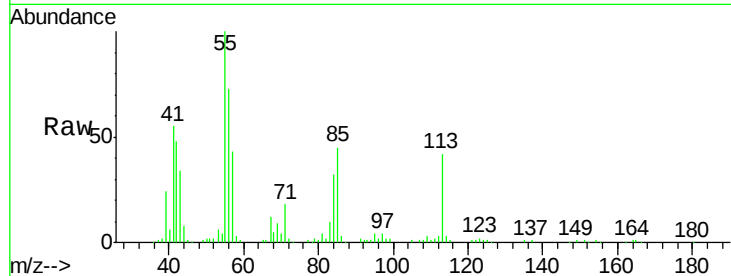




#35
 Caprolactam
 Concen: 19.76 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.03 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

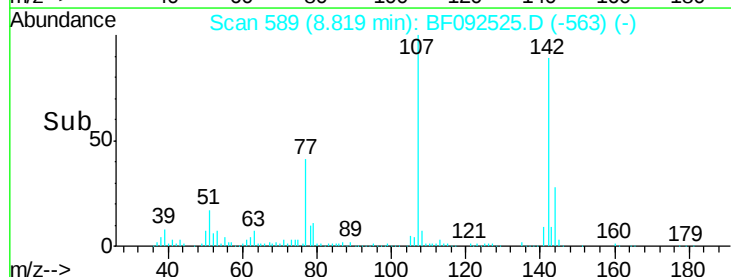
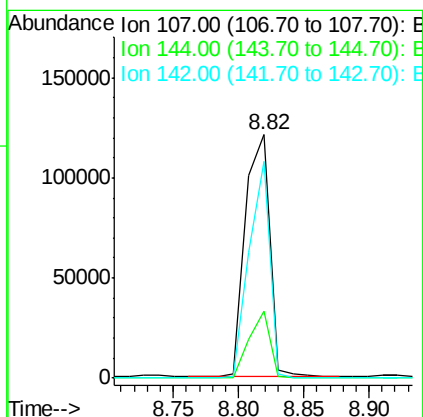
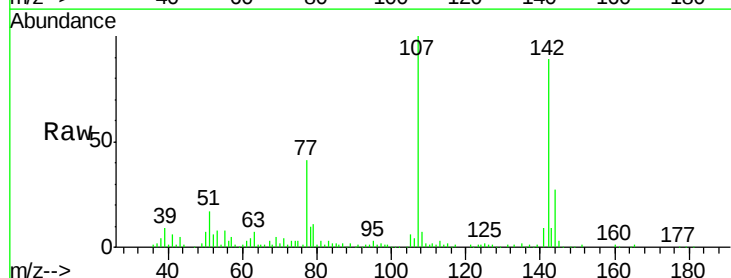
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

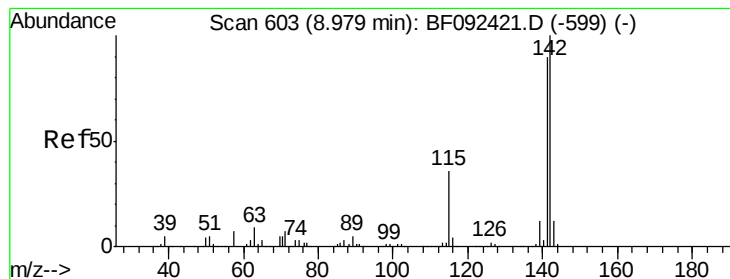
Tgt Ion:113 Resp: 49119
 Ion Ratio Lower Upper
 113 100
 55 239.2 119.2 159.2#
 56 174.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 19.60 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:107 Resp: 157341
 Ion Ratio Lower Upper
 107 100
 144 27.4 19.3 28.9
 142 88.8 59.0 88.6#





#37

2-Methylnaphthalene

Concen: 21.95 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

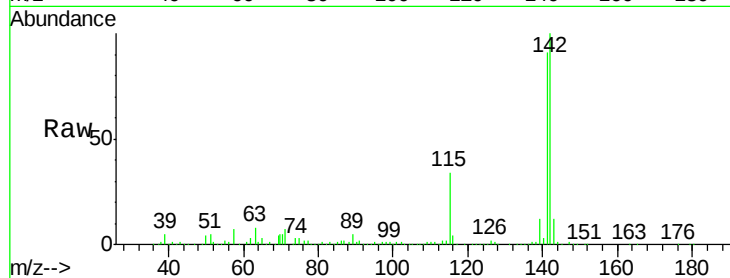
Tgt Ion:142 Resp: 365447

Ion Ratio Lower Upper

142 100

141 90.9 71.0 106.6

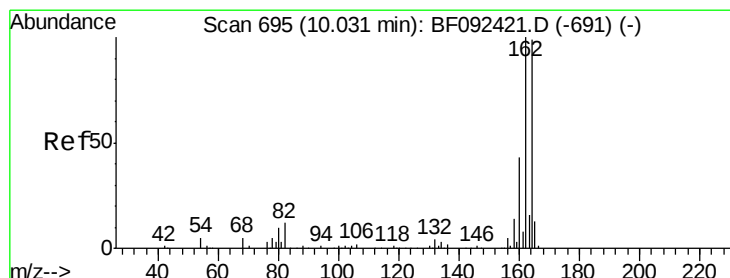
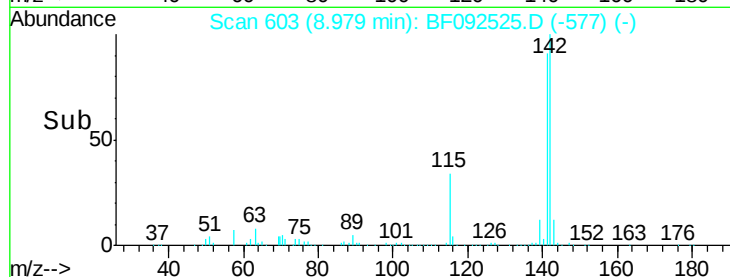
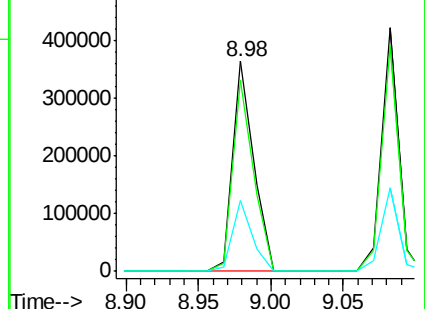
115 34.0 28.3 42.5



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: BF092525.D

Acq: 26 Jan 2017 15:00

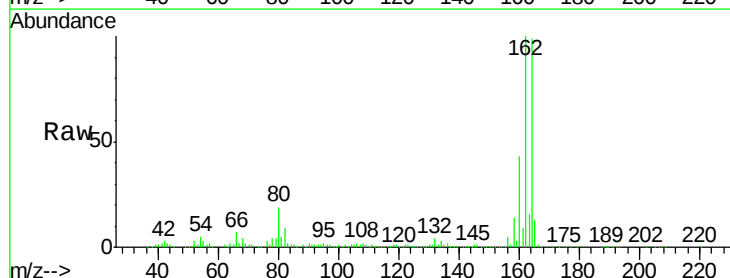
Tgt Ion:164 Resp: 261180

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

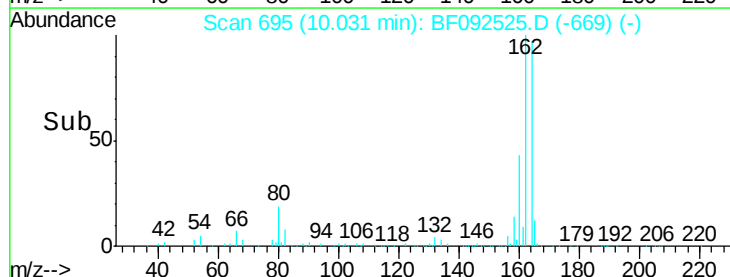
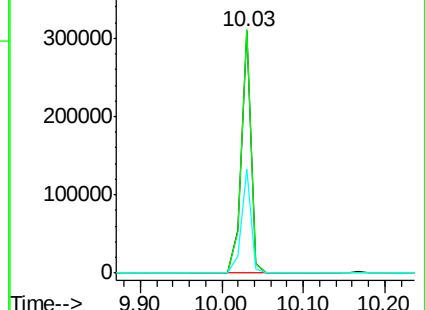
160 42.8 36.9 55.3

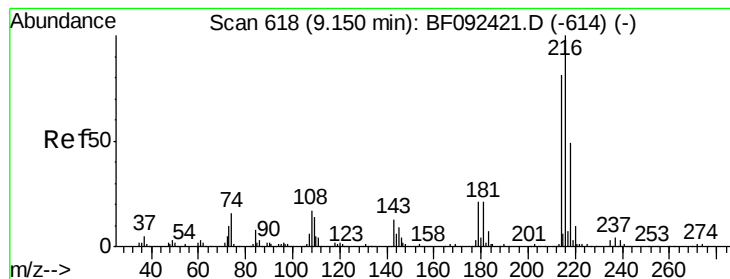


Abundance Ion 164.00 (163.70 to 164.70): E

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: 25.18 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

Tgt Ion:216 Resp: 165911

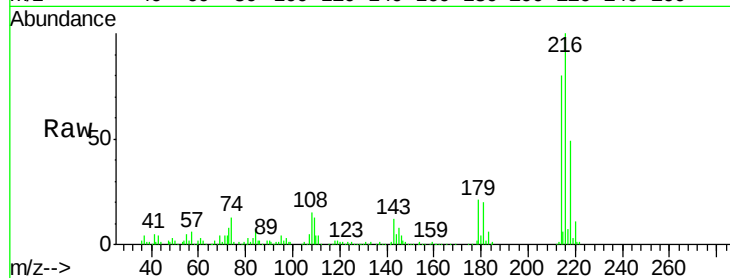
Ion Ratio Lower Upper

216 100

214 80.5 63.4 95.0

179 22.9 17.4 26.2

108 18.1 15.6 23.4

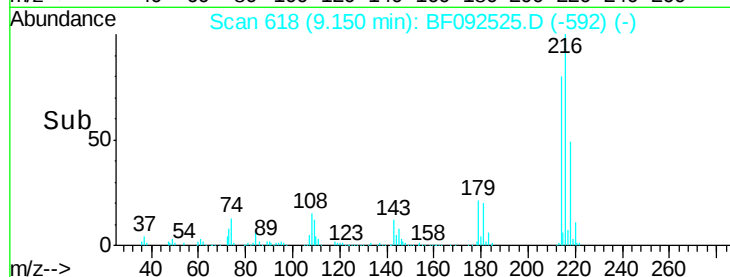


Abundance Ion 216.00 (215.70 to 216.70): E

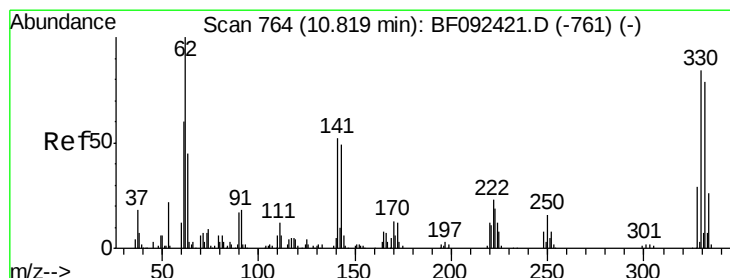
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 73.15 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

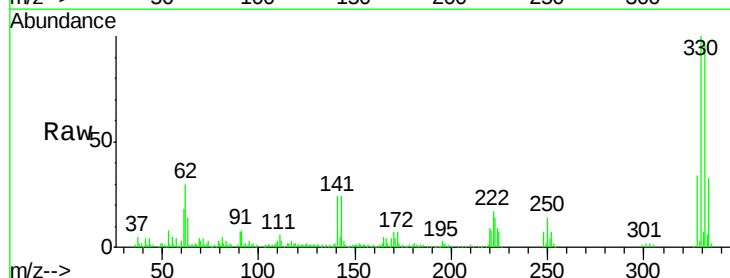
Tgt Ion:330 Resp: 130192

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

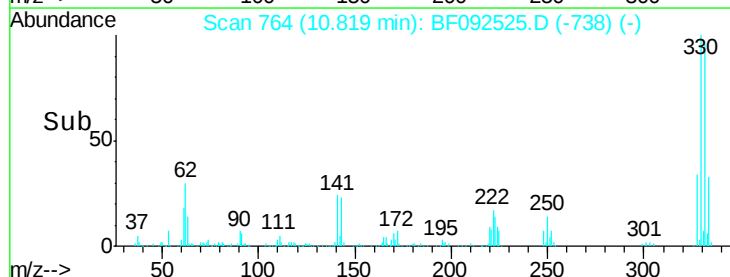
141 37.0 34.1 51.1



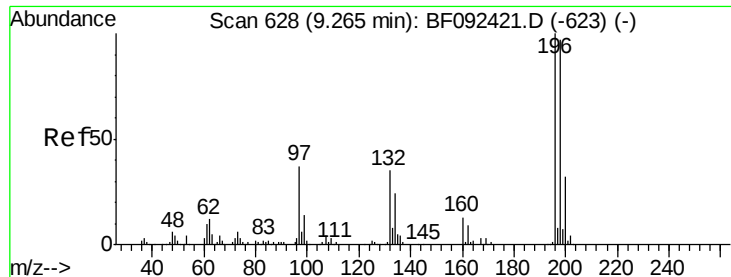
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#42

2,4,6-Trichlorophenol

Concen: 19.62 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

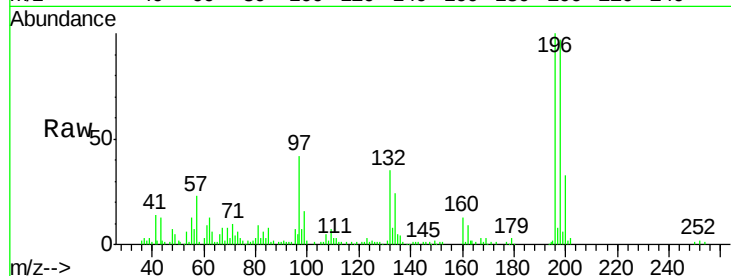
Tgt Ion:196 Resp: 99058

Ion Ratio Lower Upper

196 100

198 96.8 82.1 123.1

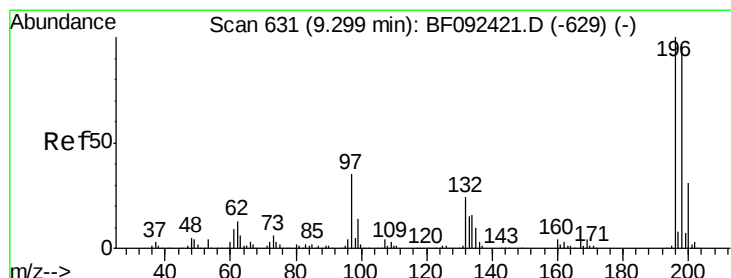
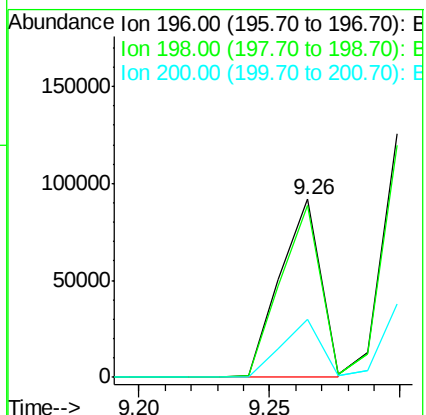
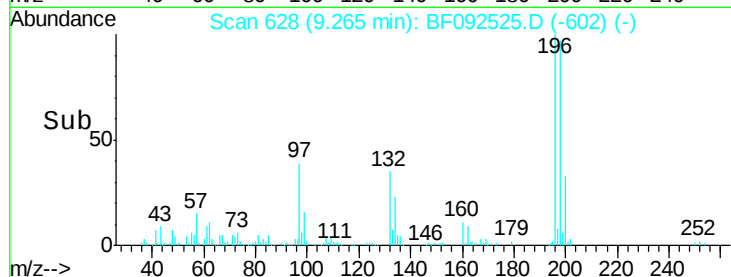
200 32.7 27.0 40.4



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: 22.31 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:196 Resp: 103049

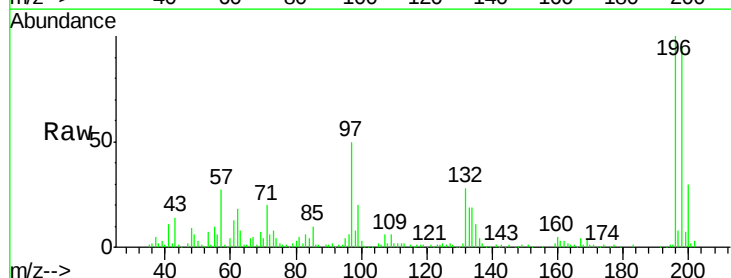
Ion Ratio Lower Upper

196 100

198 95.5 79.4 119.2

97 50.5 51.5 77.3#

132 28.2 27.4 41.2

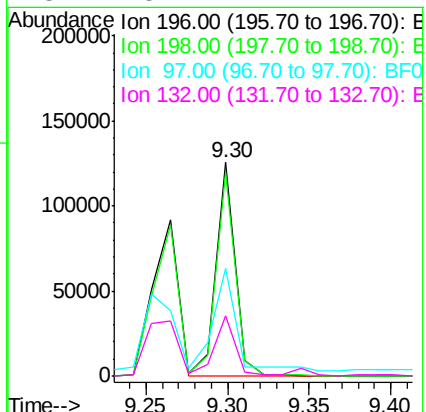
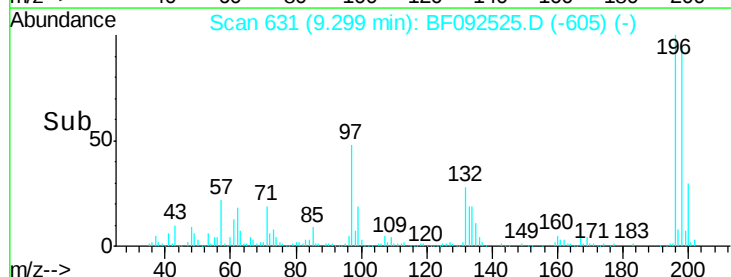


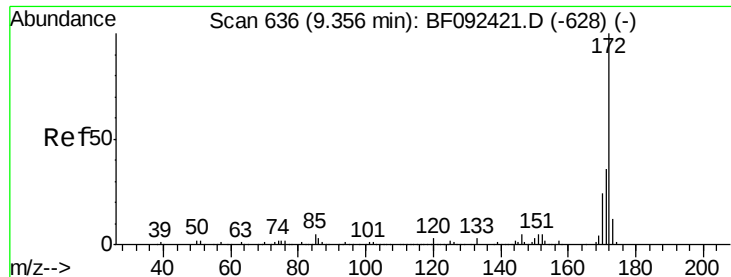
Abundance Ion 196.00 (195.70 to 196.70): E

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: 50.51 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

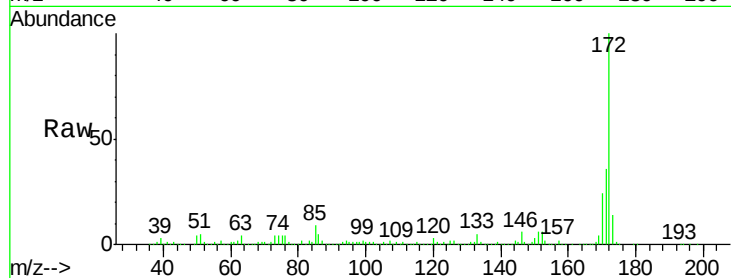
Tgt Ion:172 Resp: 713413

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

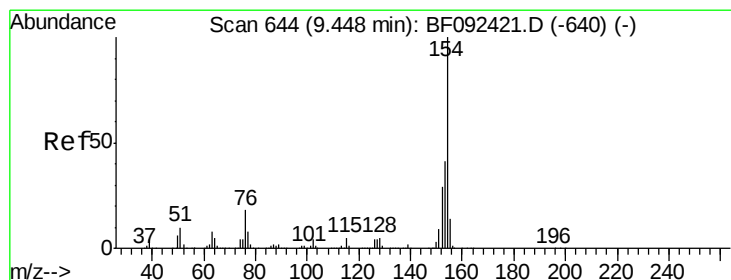
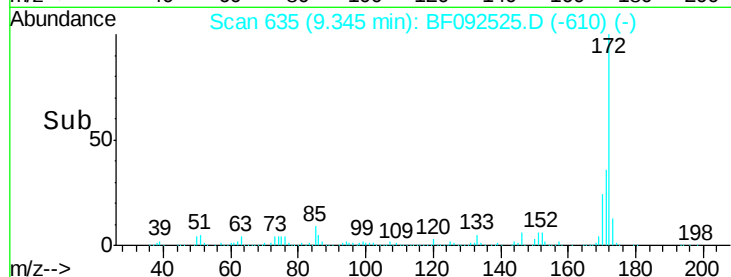
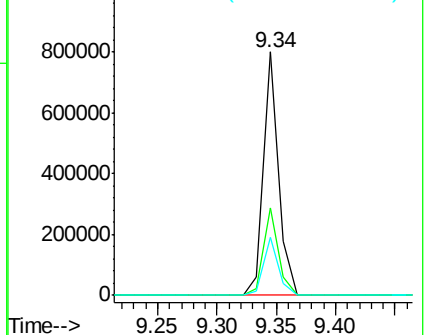
170 23.7 20.2 30.4



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: 23.61 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

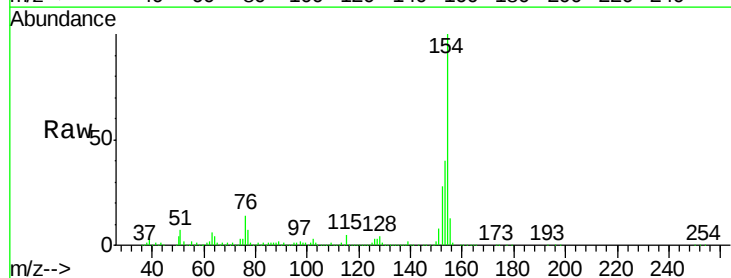
Tgt Ion:154 Resp: 445728

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

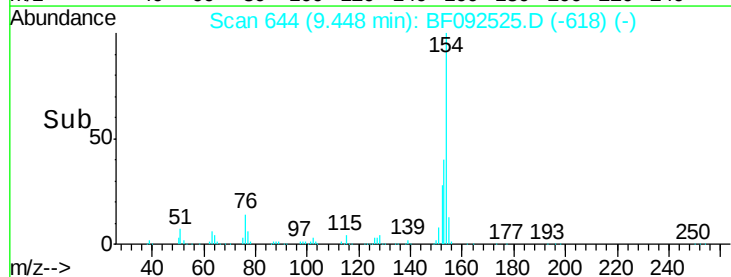
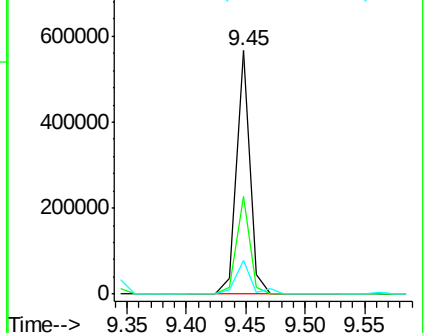
76 14.1 0.0 30.5

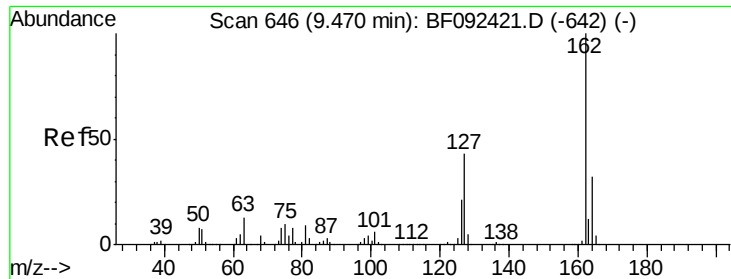


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

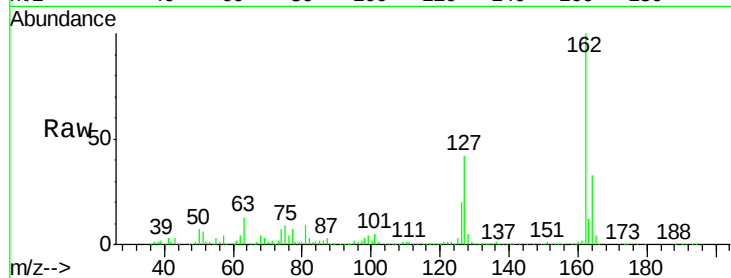




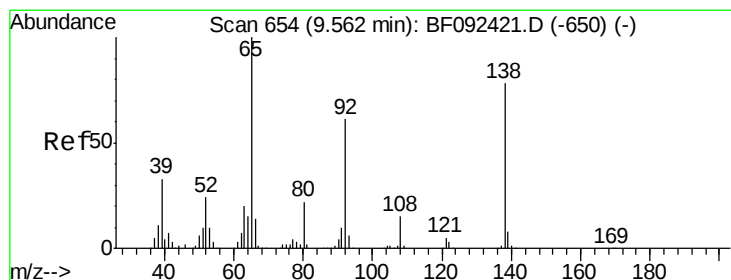
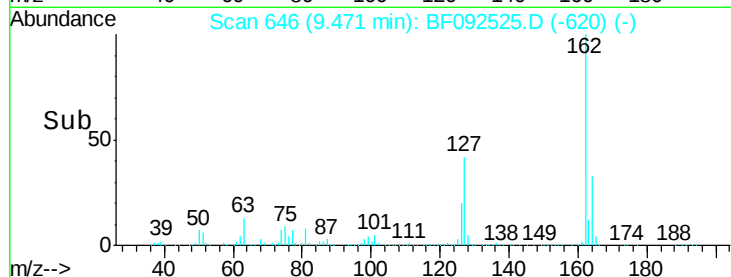
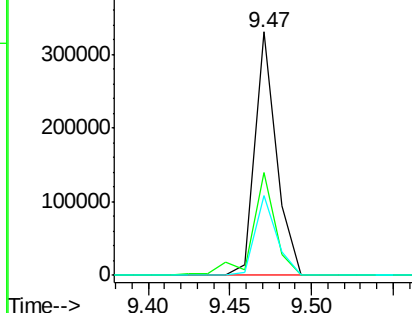
#46
 2-Chloronaphthalene
 Concen: 19.67 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion: 162 Resp: 303299
 Ion Ratio Lower Upper
 162 100
 127 42.0 30.7 46.1
 164 32.6 27.6 41.4

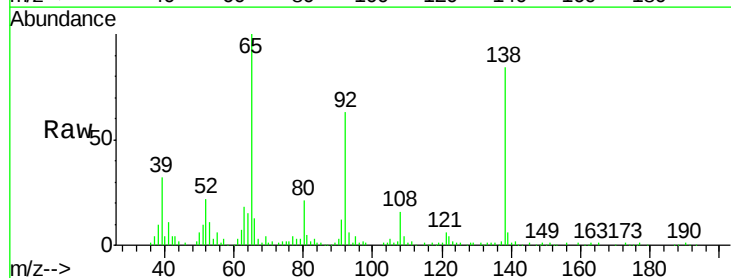


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

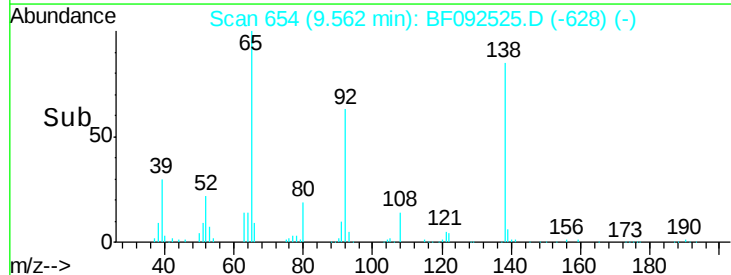
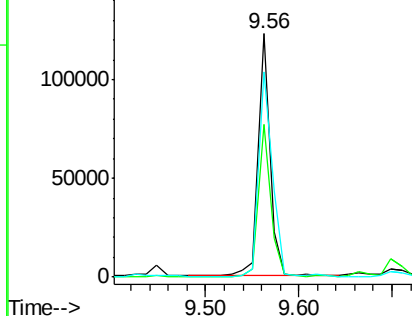


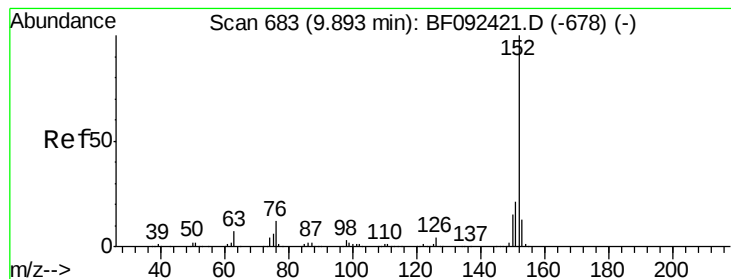
#47
 2-Nitroaniline
 Concen: 20.73 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion: 65 Resp: 107646
 Ion Ratio Lower Upper
 65 100
 92 62.8 53.9 80.9
 138 84.3 76.8 115.2



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





#48

Acenaphthylene

Concen: 22.07 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

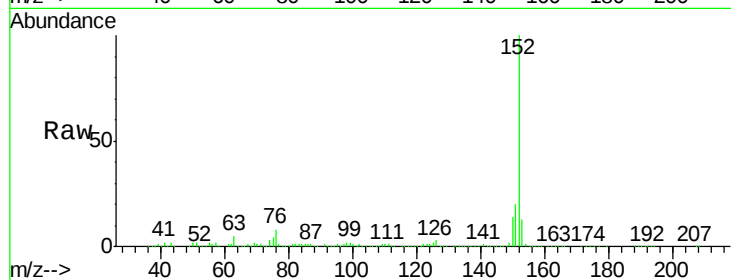
Tgt Ion:152 Resp: 499051

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

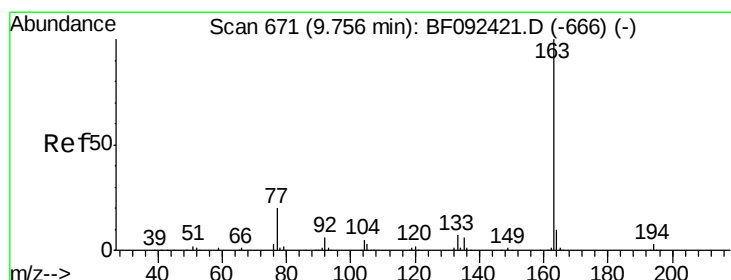
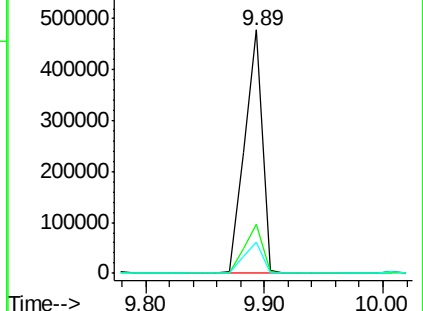
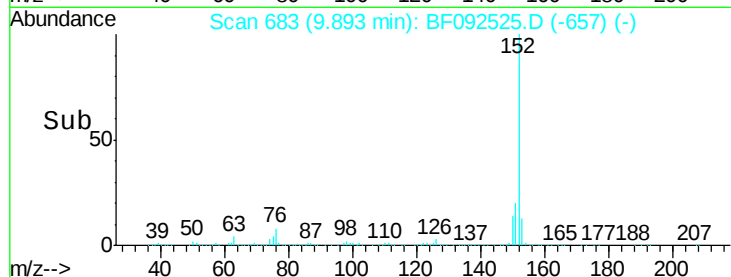
153 12.8 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 26.67 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

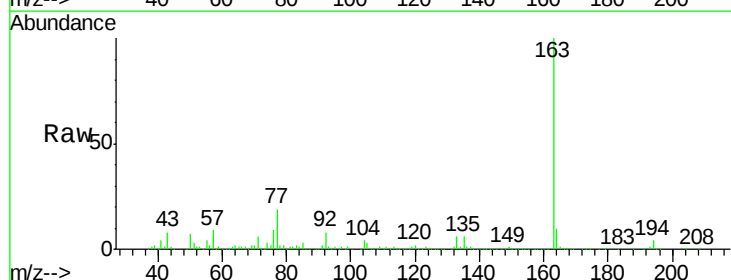
Tgt Ion:163 Resp: 442975

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

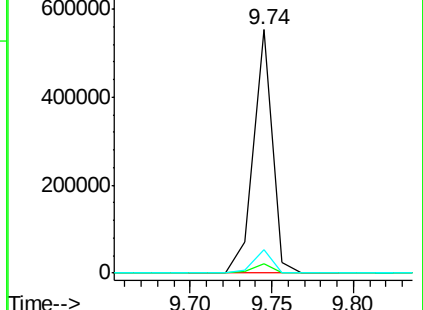
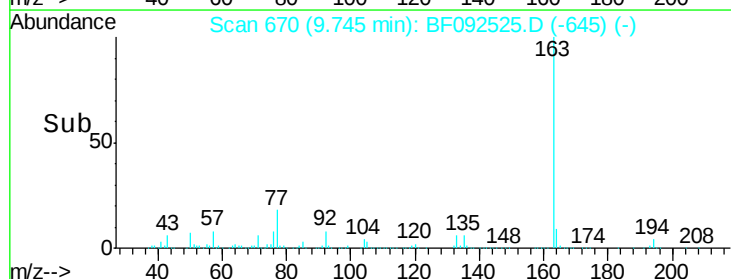
164 9.8 8.0 12.0

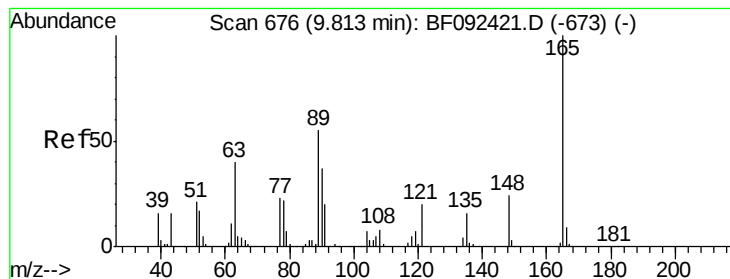


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 15.52 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

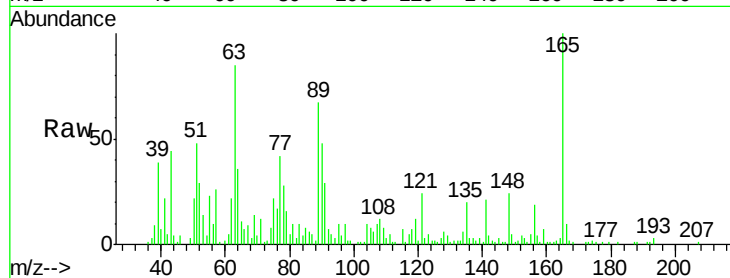
Tgt Ion:165 Resp: 52688

Ion Ratio Lower Upper

165 100

63 84.5 36.2 54.4#

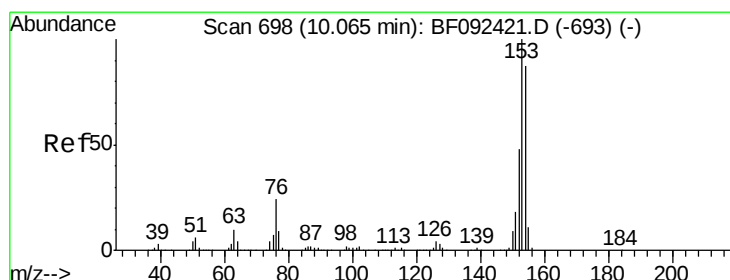
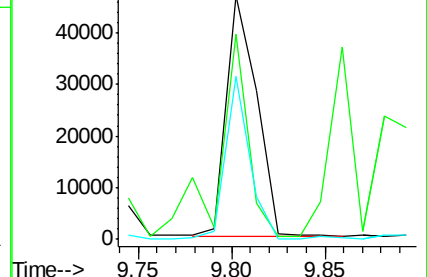
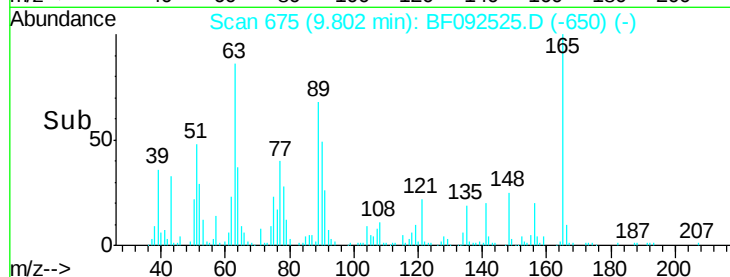
89 66.9 40.2 60.4#



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: 20.83 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

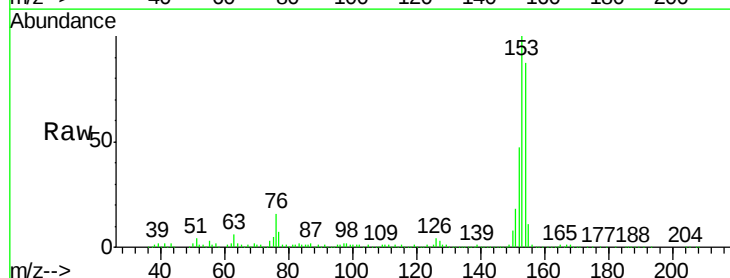
Tgt Ion:154 Resp: 292766

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

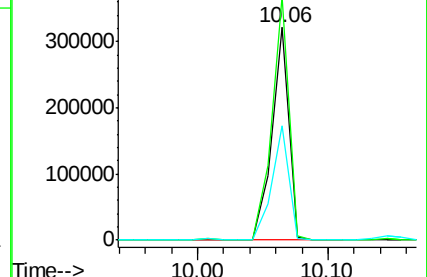
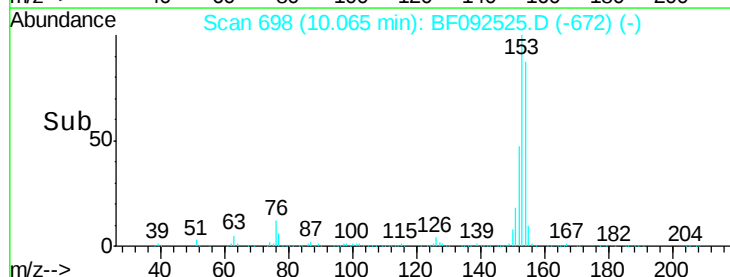
152 53.8 41.6 62.4

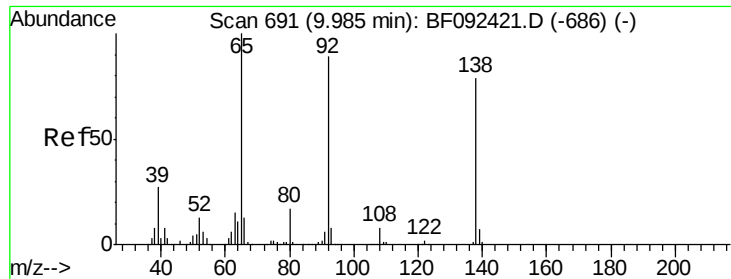


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

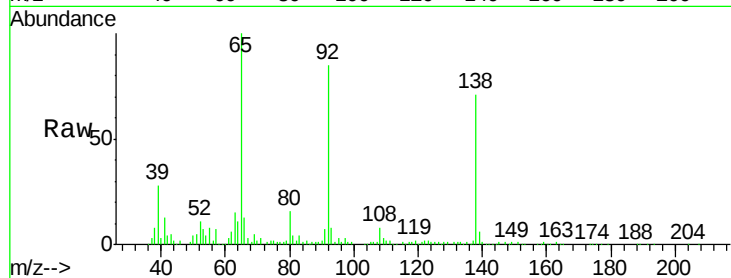




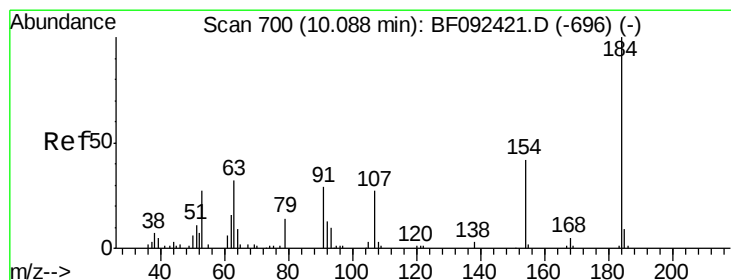
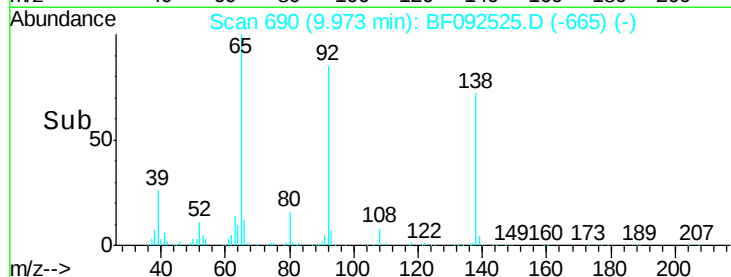
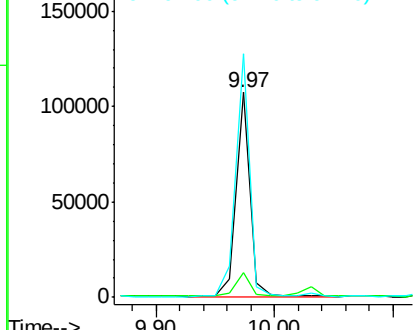
#52
3-Nitroaniline
Concen: 20.23 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

Tgt Ion:138 Resp: 86007
Ion Ratio Lower Upper
138 100
108 11.8 8.5 12.7
92 118.8 97.8 146.8

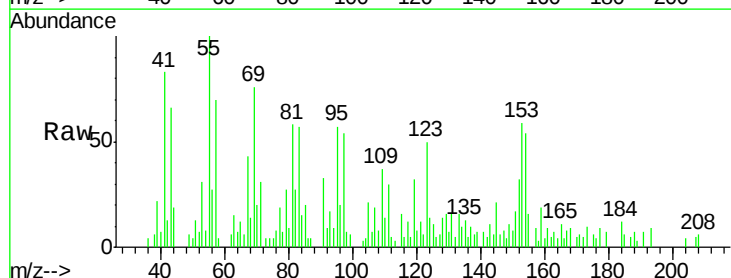


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

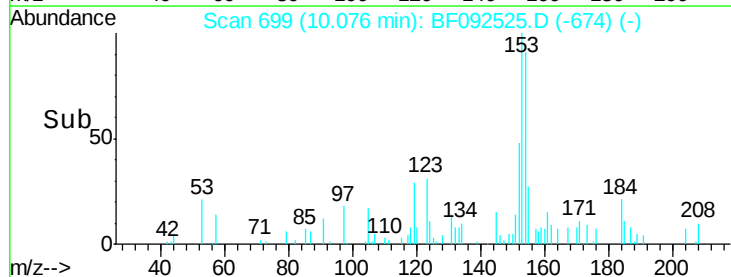
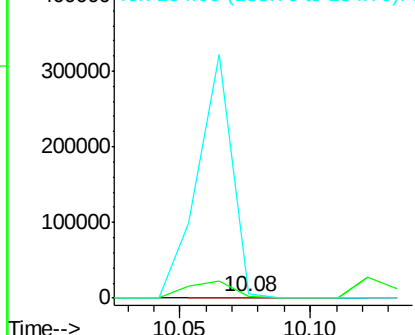


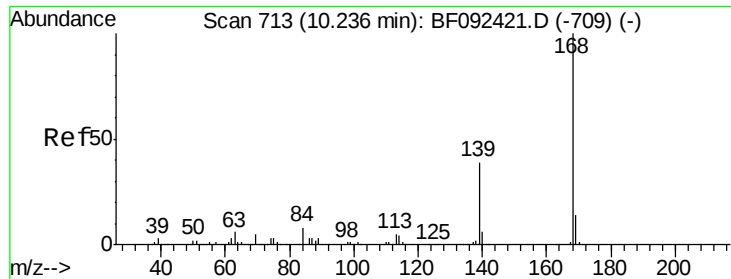
#53
2,4-Dinitrophenol
Concen: 4.11 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:184 Resp: 1317
Ion Ratio Lower Upper
184 100
63 123.6 28.4 42.6#
154 431.8 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

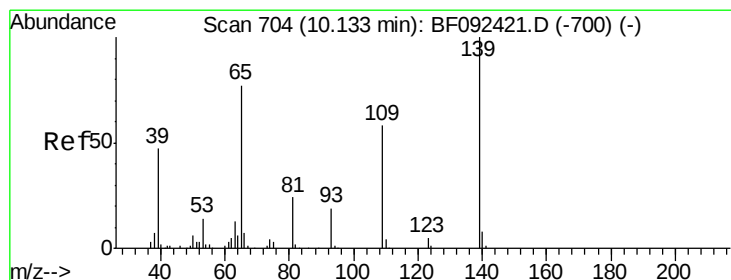
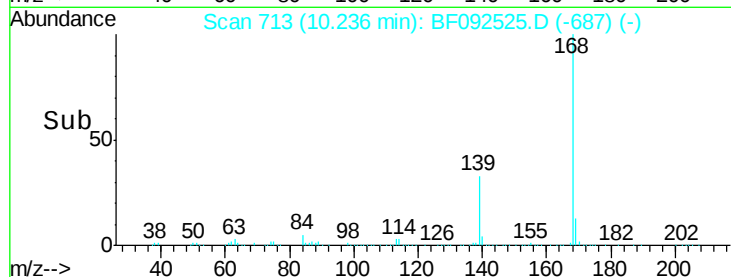
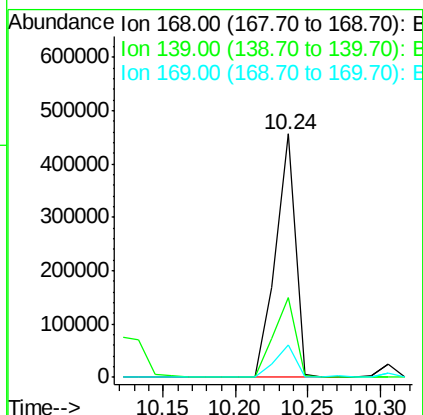
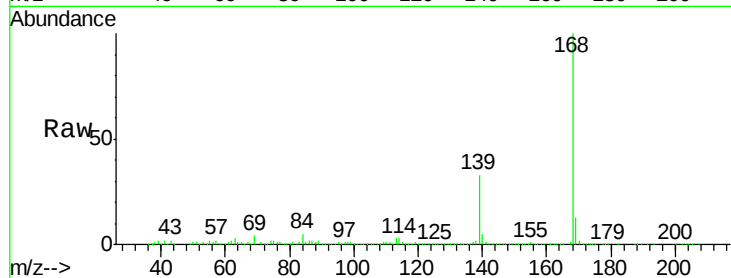




#54
Dibenzo(furan)
Concen: 22.87 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

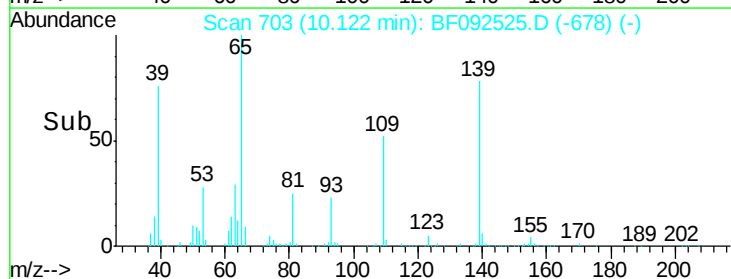
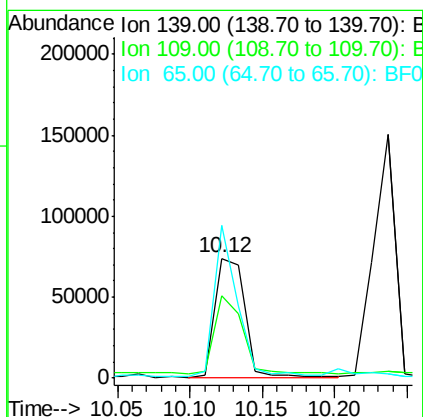
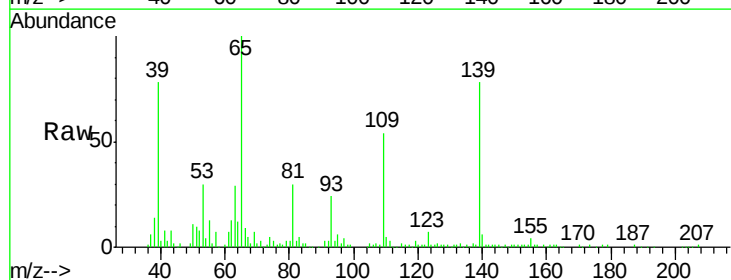
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

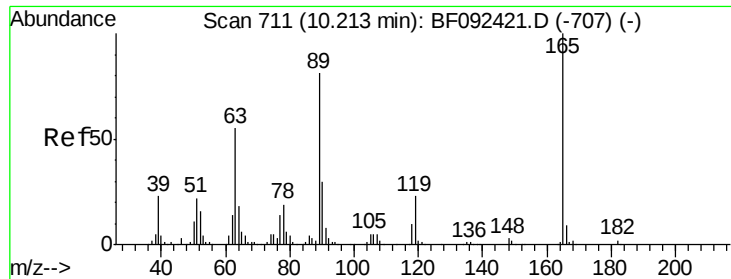
Tgt Ion:168 Resp: 436346
Ion Ratio Lower Upper
168 100
139 33.0 32.6 49.0
169 13.2 11.3 16.9



#55
4-Nitrophenol
Concen: 31.07 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:139 Resp: 104913
Ion Ratio Lower Upper
139 100
109 68.7 52.2 92.2
65 127.6 85.8 125.8#

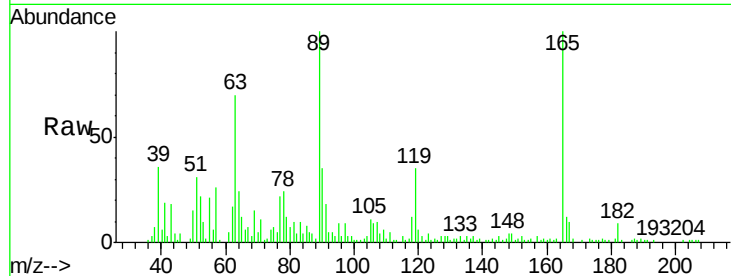




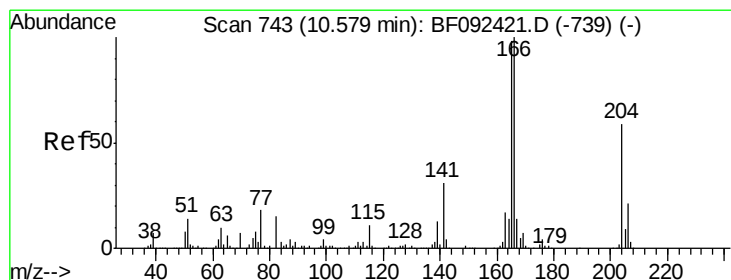
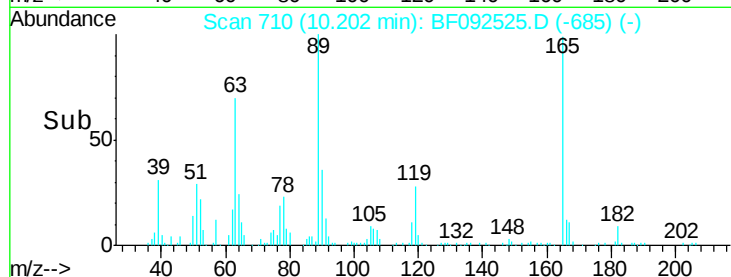
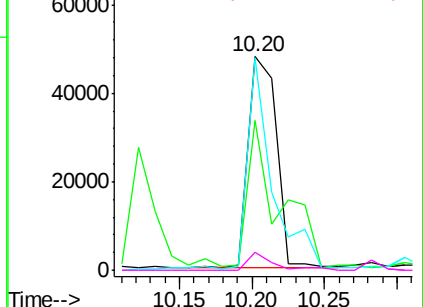
#56
2,4-Dinitrotoluene
Concen: 14.09 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

Tgt Ion:165 Resp: 63493
Ion Ratio Lower Upper
165 100
63 69.9 40.2 60.4#
89 99.5 62.5 93.7#
182 8.6 1.8 2.8#

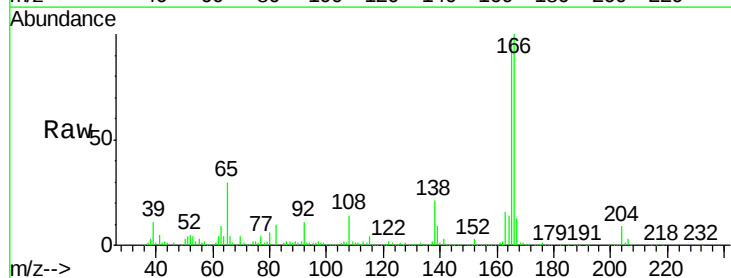


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

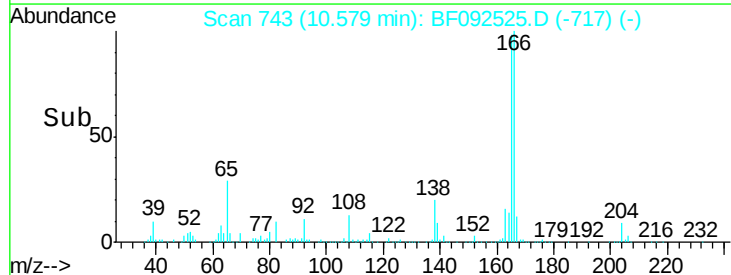
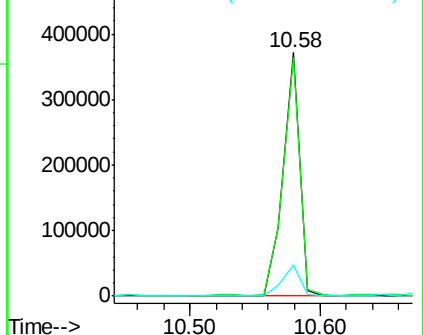


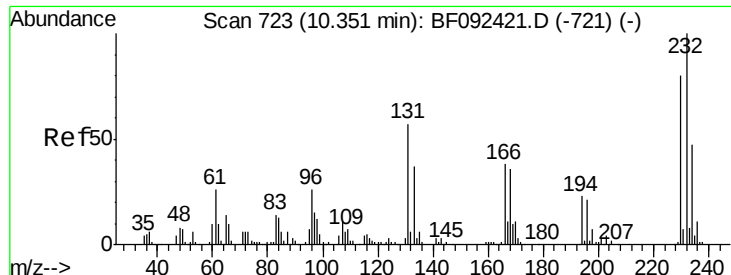
#57
Fluorene
Concen: 23.50 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:166 Resp: 332603
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 12.7 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

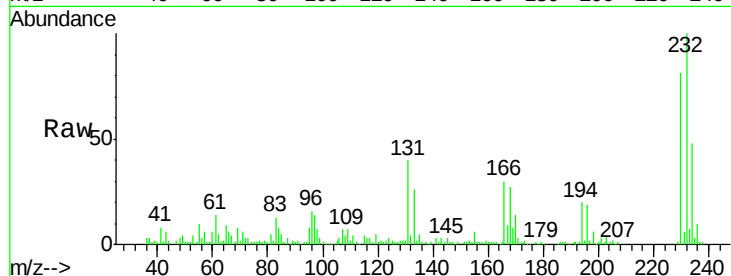




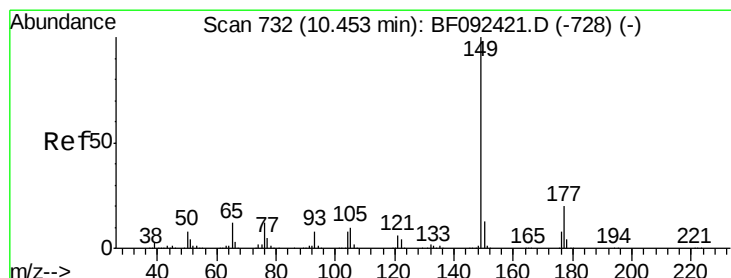
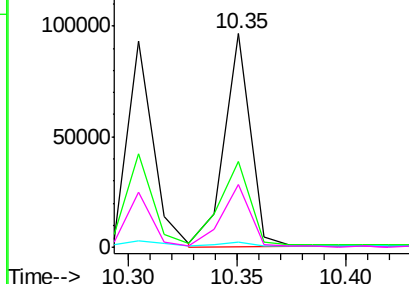
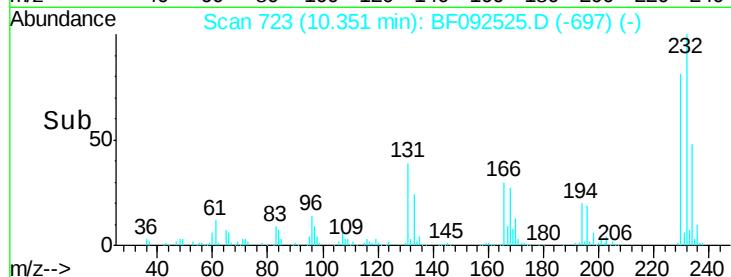
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.94 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion:232 Resp: 79380
 Ion Ratio Lower Upper
 232 100
 131 47.7 40.1 60.1
 130 2.2 1.8 2.8
 166 34.4 26.6 39.8

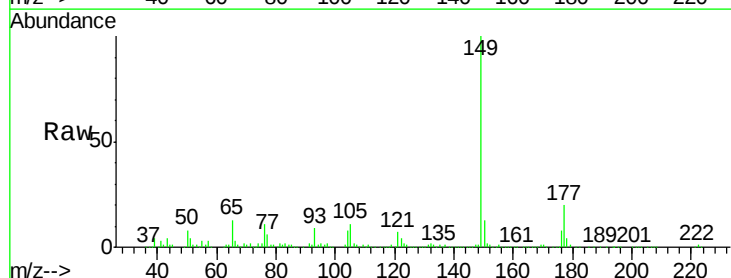


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

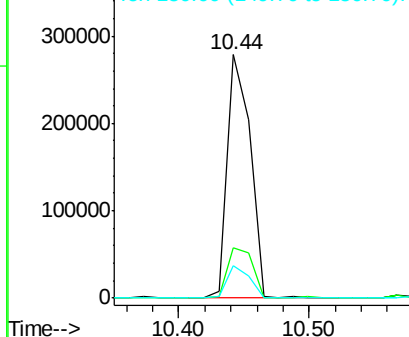
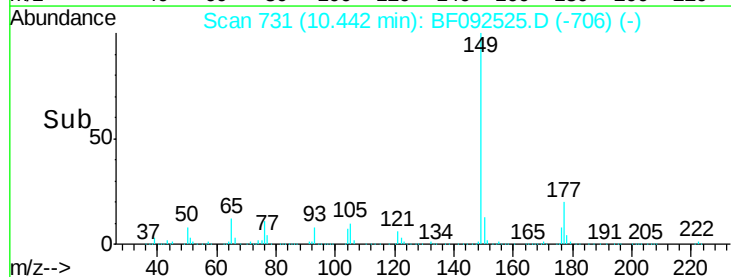


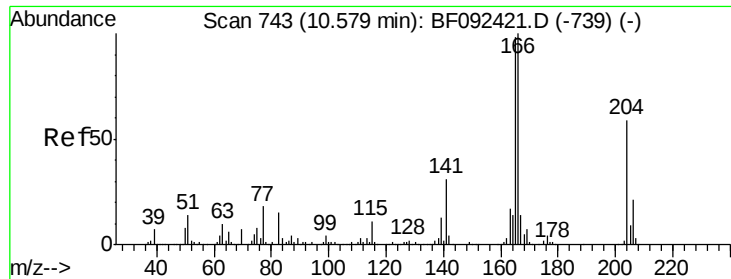
#59
 Diethylphthalate
 Concen: 21.06 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:149 Resp: 335390
 Ion Ratio Lower Upper
 149 100
 177 20.4 16.6 25.0
 150 13.5 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

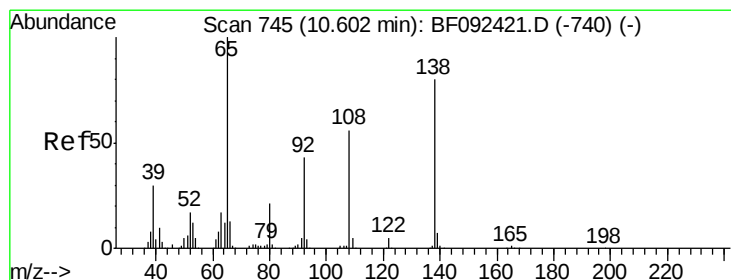
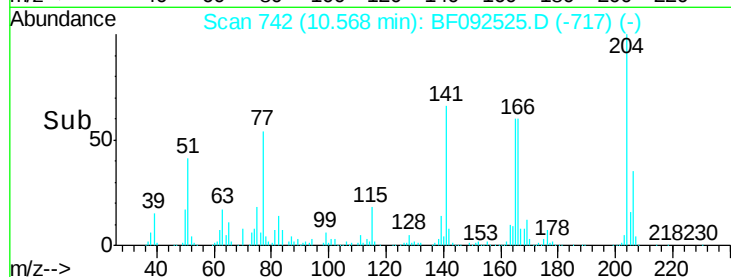
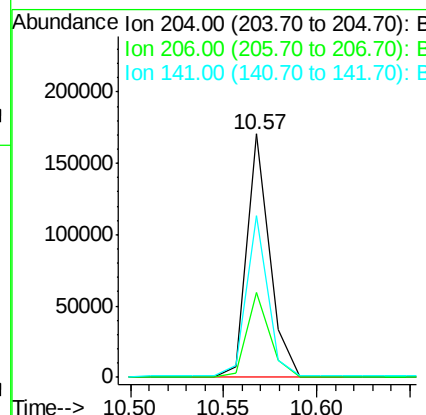
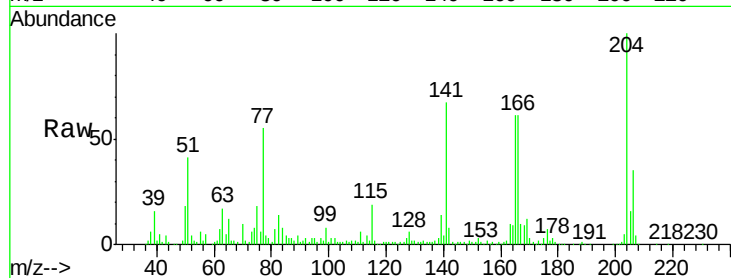




#60
 4-Chlorophenyl-phenylether
 Concen: 21.17 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

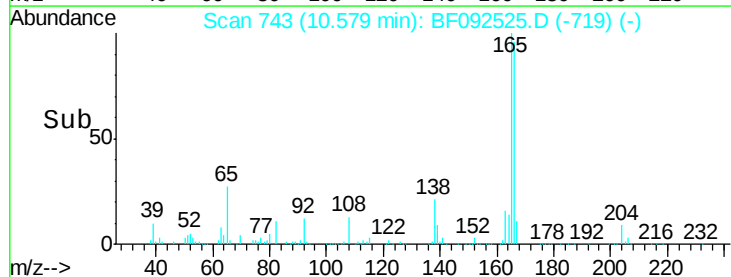
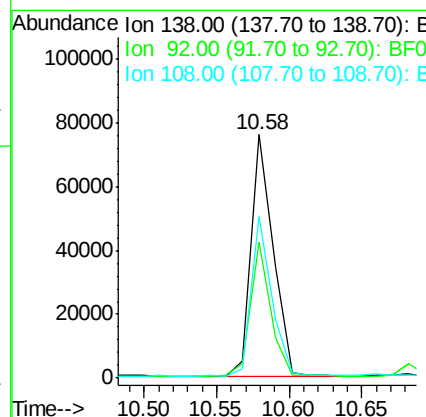
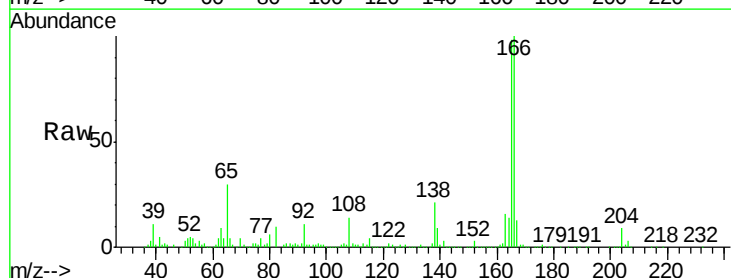
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

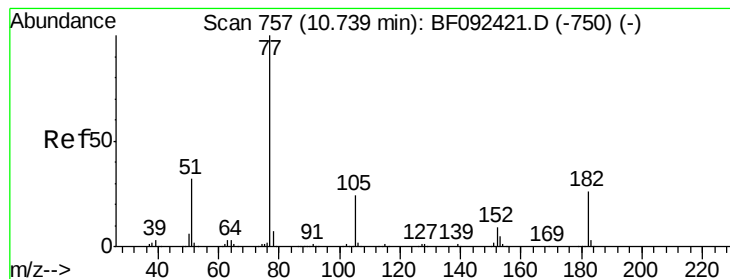
Tgt Ion:204 Resp: 145308
 Ion Ratio Lower Upper
 204 100
 206 35.0 25.8 38.6
 141 66.5 59.4 89.0



#61
 4-Nitroaniline
 Concen: 18.86 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:138 Resp: 80217
 Ion Ratio Lower Upper
 138 100
 92 56.0 31.7 71.7
 108 66.4 52.6 92.6





#62

Azobenzene

Concen: 19.22 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

Tgt Ion: 77 Resp: 348302

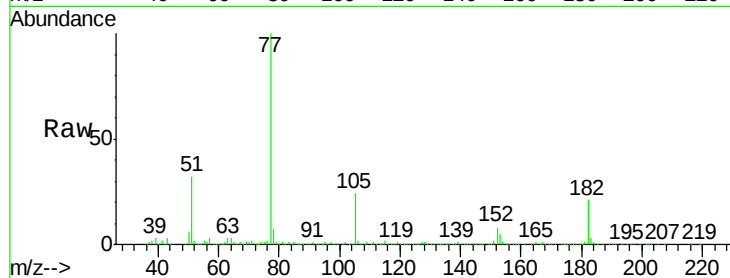
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 24.1 2.3 42.3

51 31.8 8.9 48.9

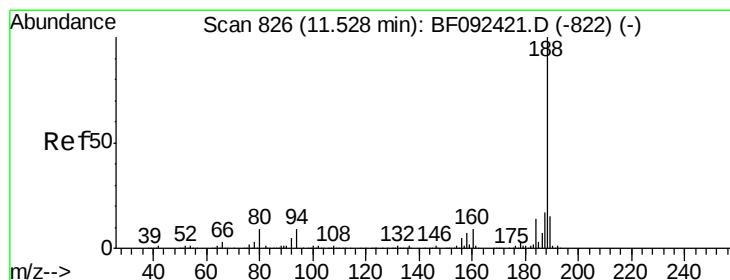
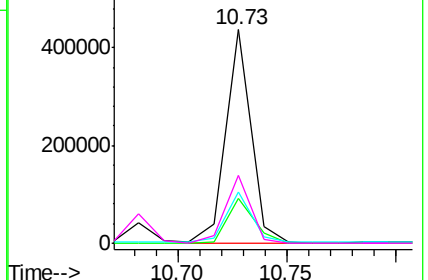
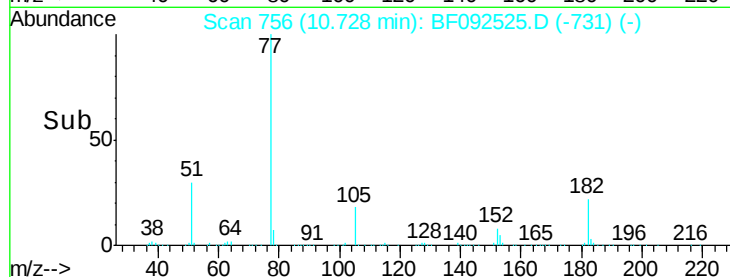


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF092525.D

Acq: 26 Jan 2017 15:00

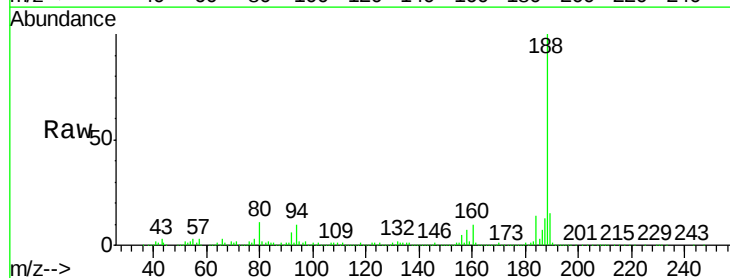
Tgt Ion: 188 Resp: 386456

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

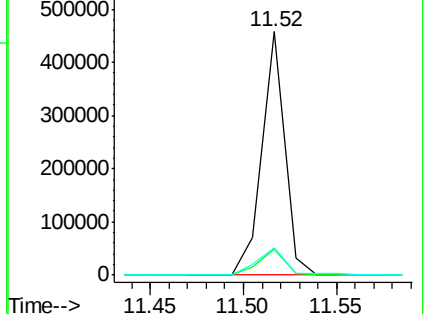
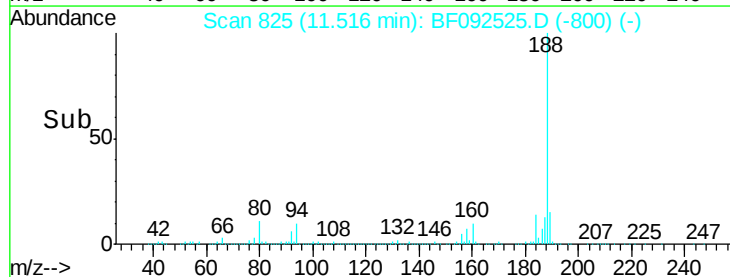
80 11.1 11.2 16.8#

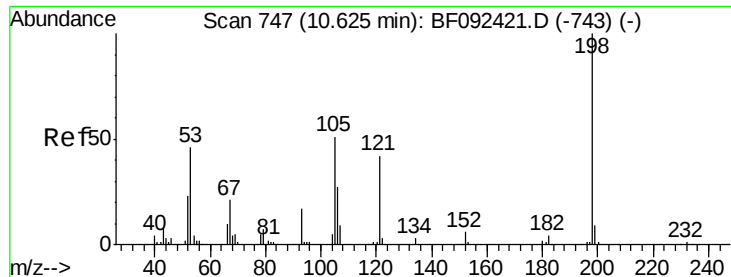


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

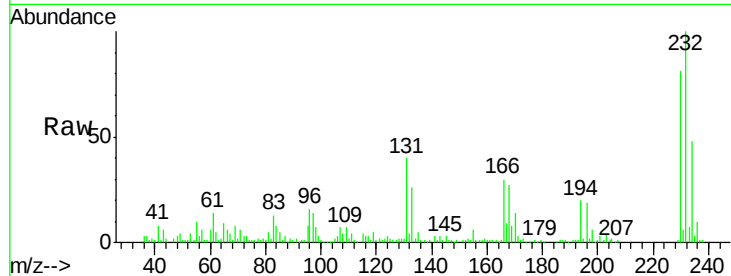




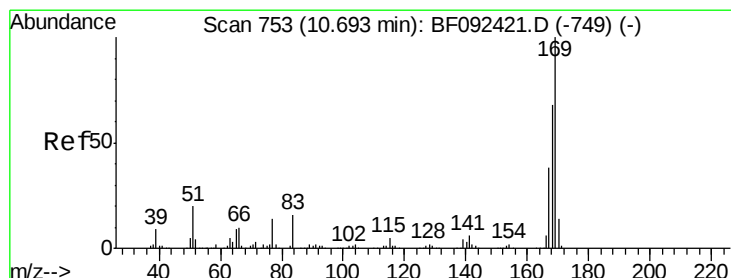
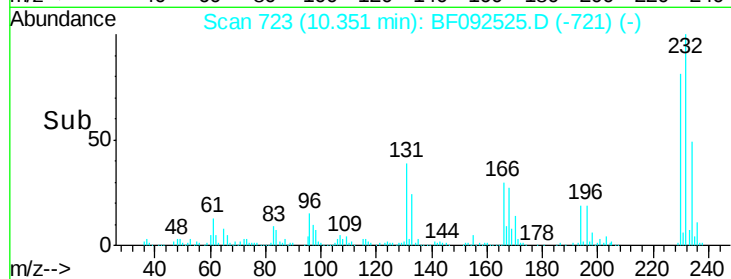
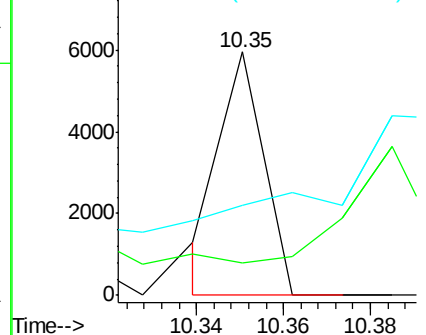
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.71 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.27 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion:198 Resp: 4084
 Ion Ratio Lower Upper
 198 100
 51 13.3 6.7 46.7
 105 37.1 16.6 56.6

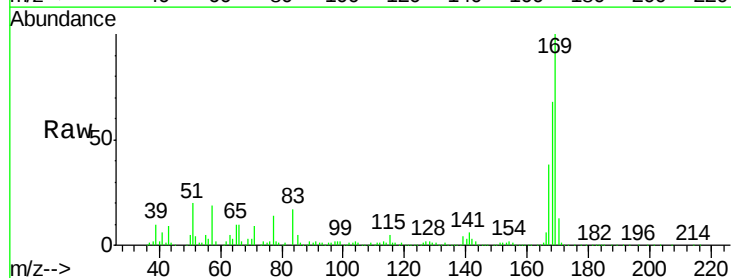


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

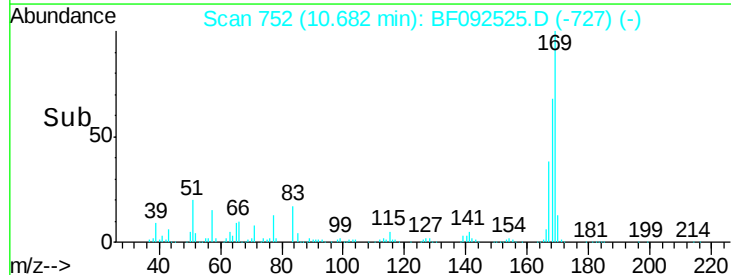
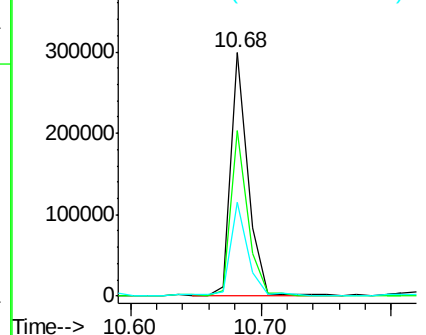


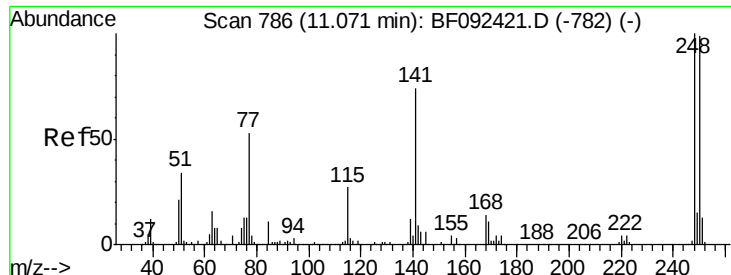
#65
 n-Nitrosodiphenylamine
 Concen: 22.80 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:169 Resp: 275211
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.2 81.2
 167 38.3 30.2 45.4



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

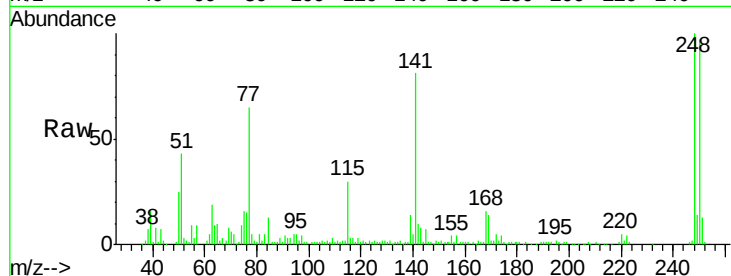




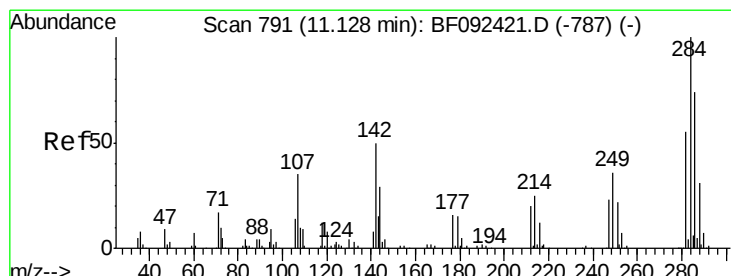
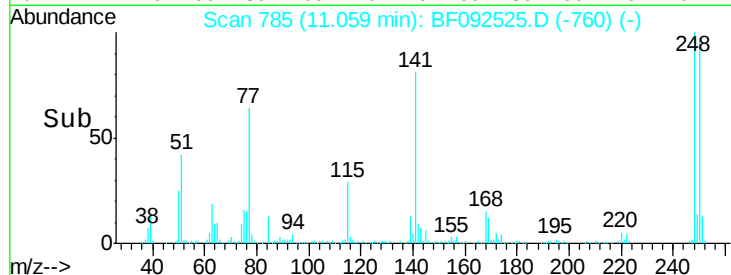
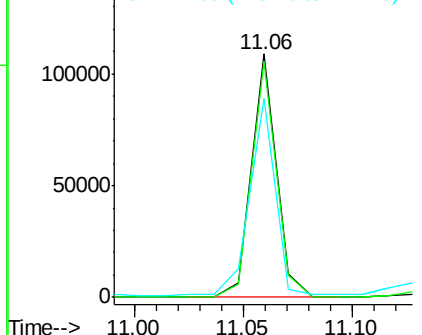
#66
 4-Bromophenyl-phenylether
 Concen: 22.15 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

Tgt Ion:248 Resp: 86425
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 81.4 68.2 102.4

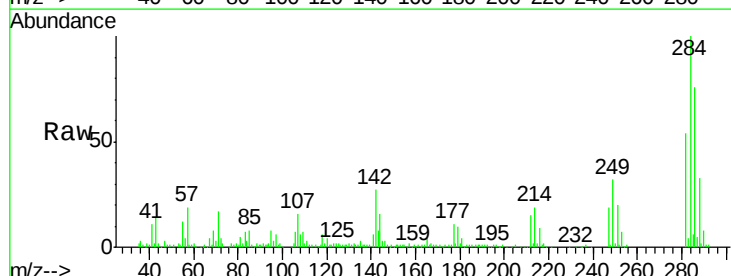


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

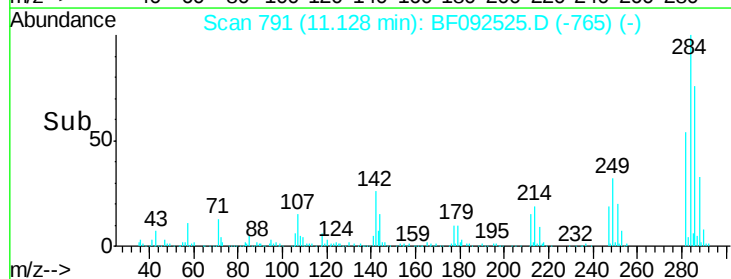
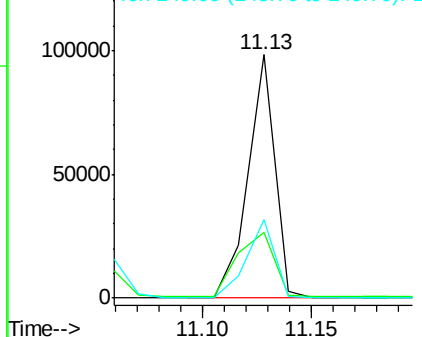


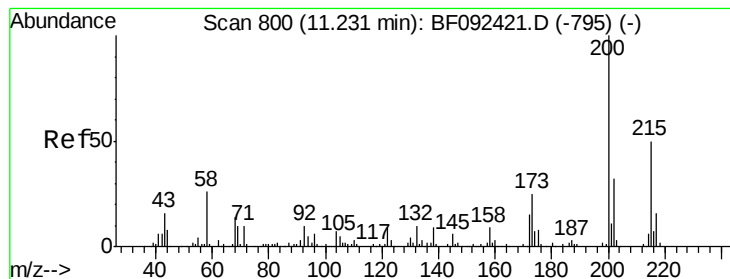
#67
 Hexachlorobenzene
 Concen: 21.35 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:284 Resp: 84198
 Ion Ratio Lower Upper
 284 100
 142 26.9 22.6 33.8
 249 32.0 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: 19.11 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

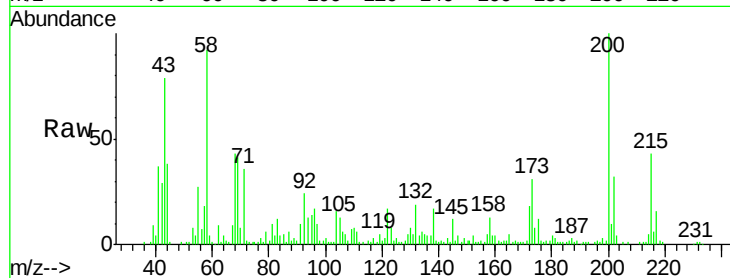
Tgt Ion:200 Resp: 78921

Ion Ratio Lower Upper

200 100

173 31.4 9.6 49.6

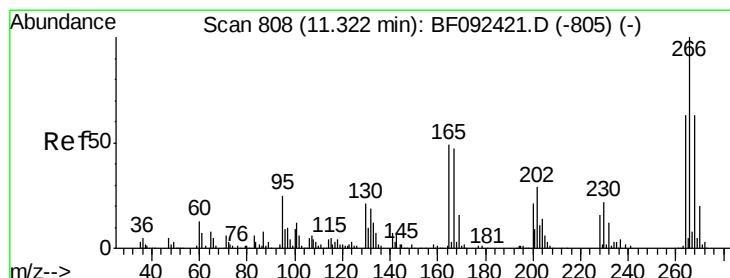
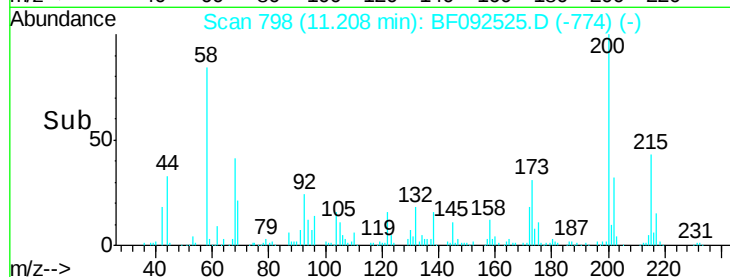
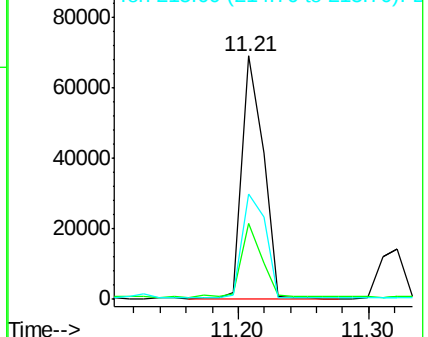
215 43.4 25.7 65.7



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: 37.70 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

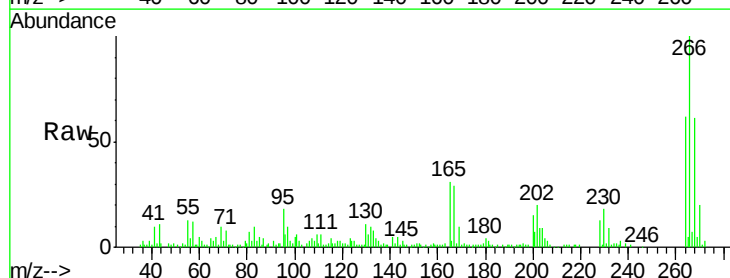
Tgt Ion:266 Resp: 95076

Ion Ratio Lower Upper

266 100

268 60.7 53.3 79.9

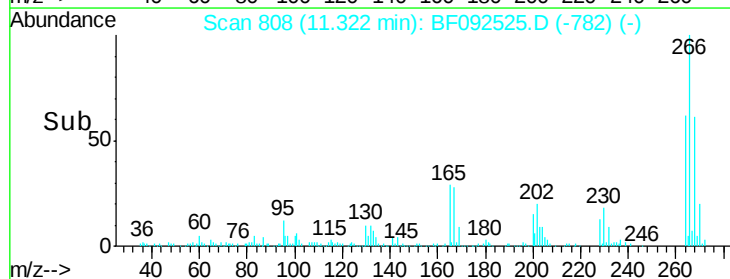
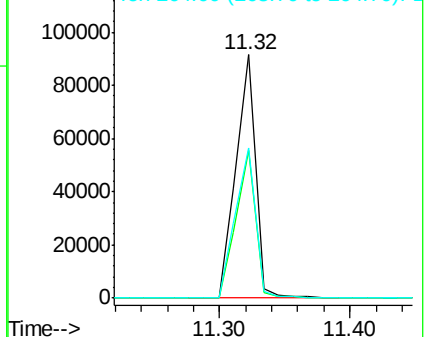
264 61.7 50.3 75.5

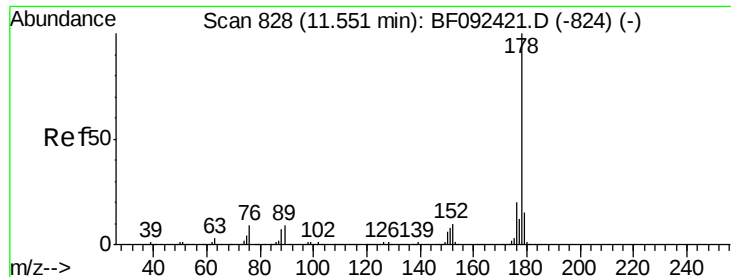


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

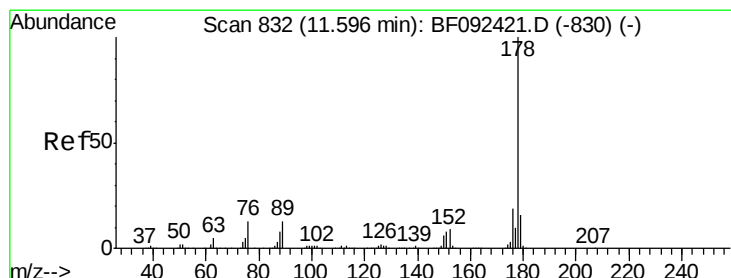
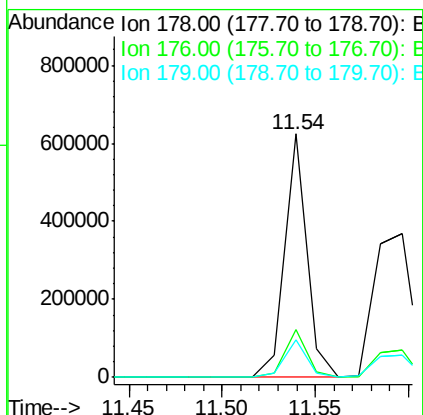
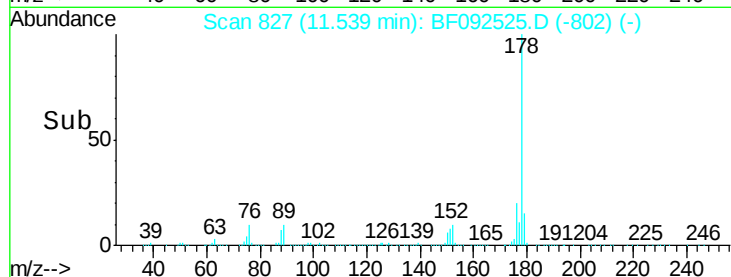
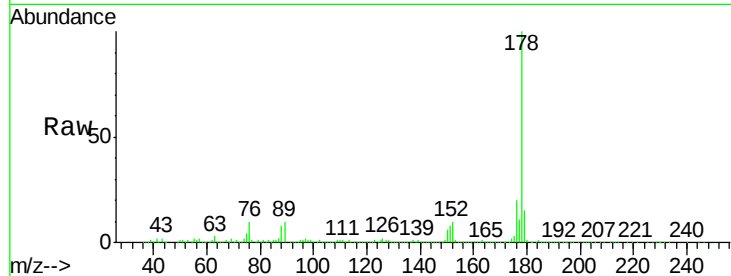




#70
Phenanthrene
Concen: 24.36 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

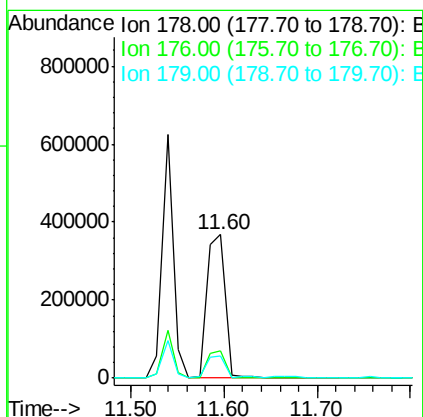
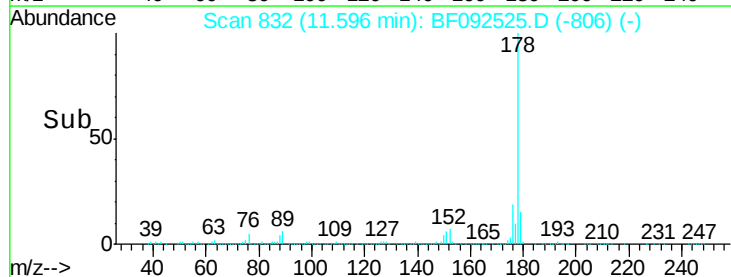
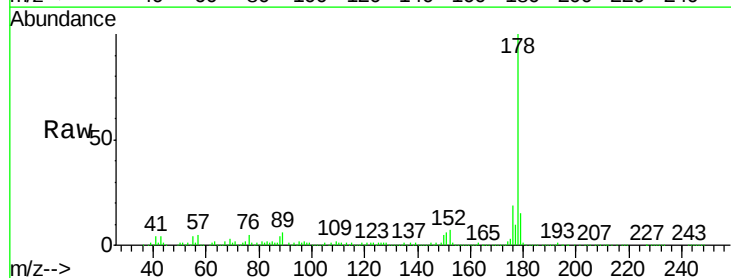
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

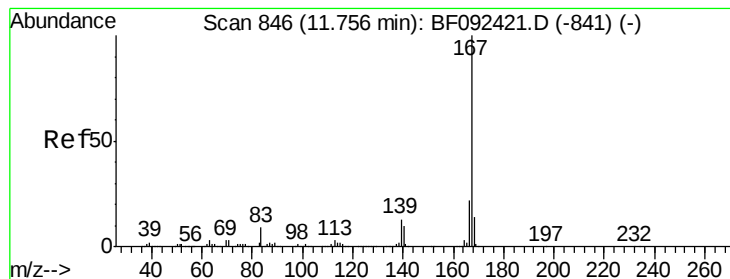
Tgt Ion:178 Resp: 518359
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 15.3 12.8 19.2



#71
Anthracene
Concen: 23.91 ng
RT: 11.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion:178 Resp: 497293
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.3 13.2 19.8





#72

Carbazole

Concen: 23.05 ng

RT: 11.75 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

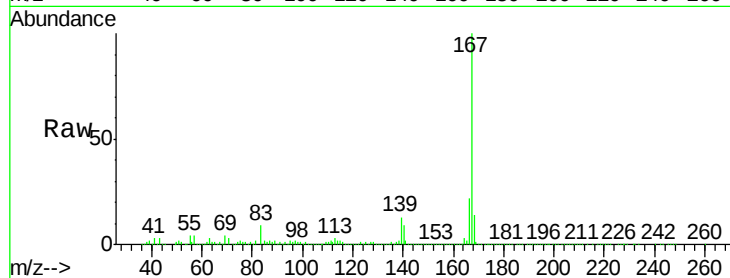
Tgt Ion:167 Resp: 457688

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

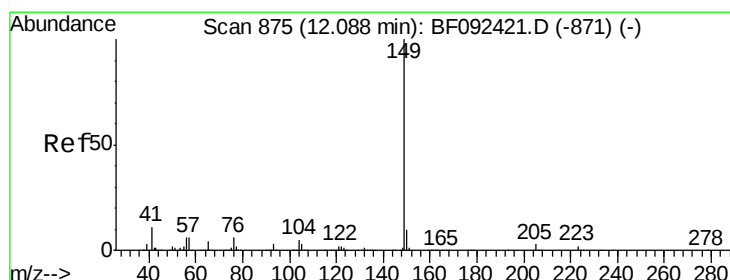
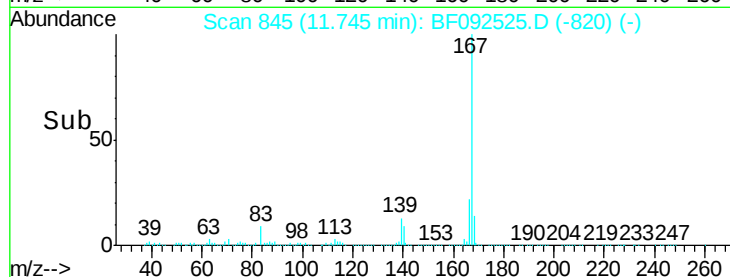
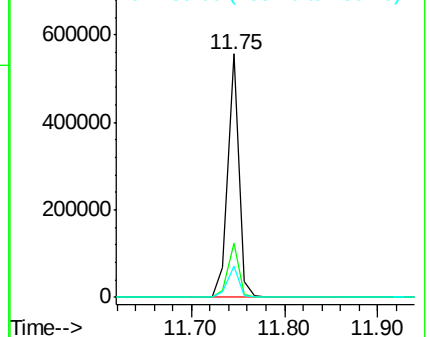
139 12.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 23.33 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

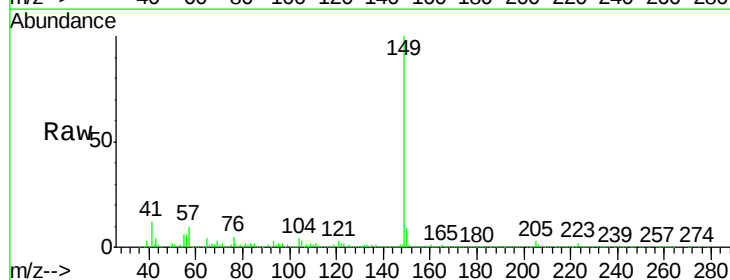
Tgt Ion:149 Resp: 529789

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

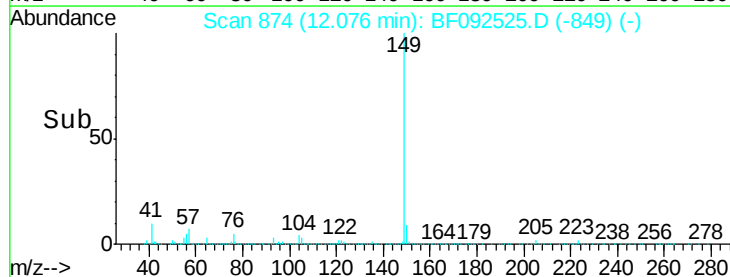
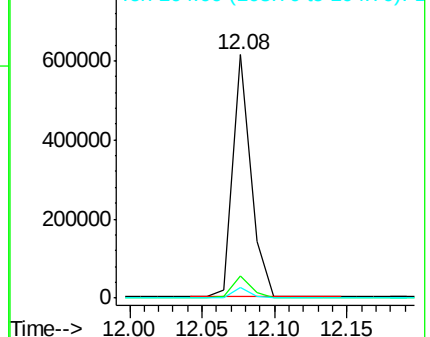
104 4.4 4.6 7.0#

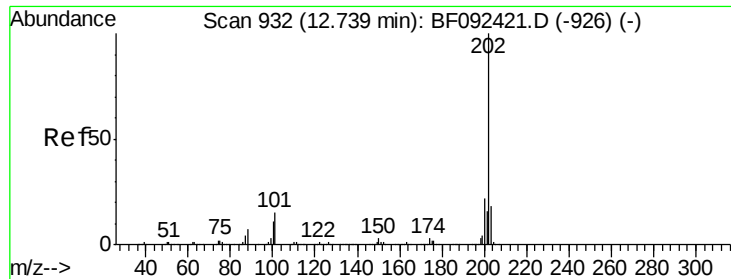


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 26.89 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

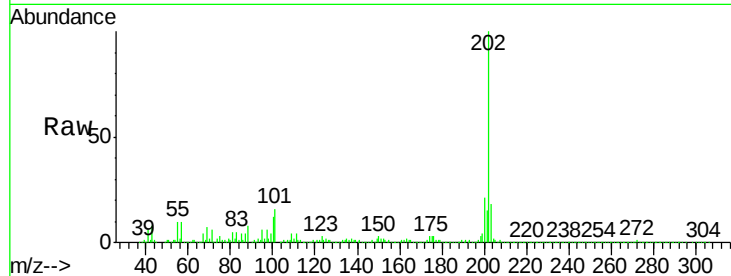
Tgt Ion:202 Resp: 559849

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.6

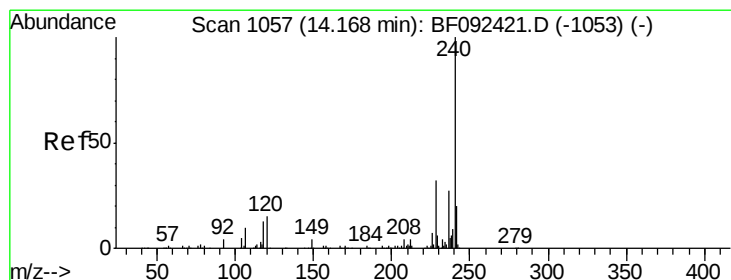
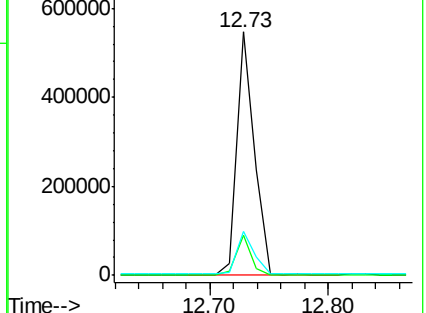
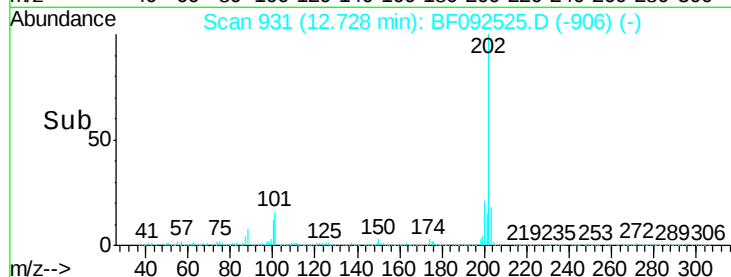
203 18.3 0.0 38.7



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: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

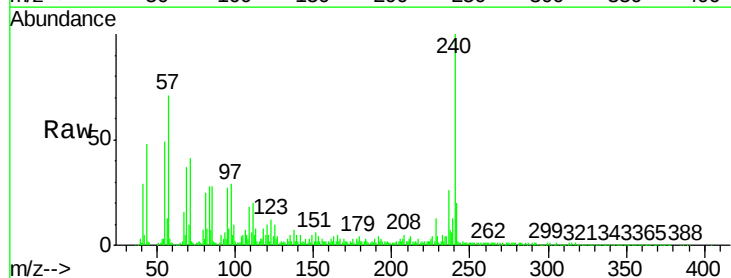
Tgt Ion:240 Resp: 263209

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

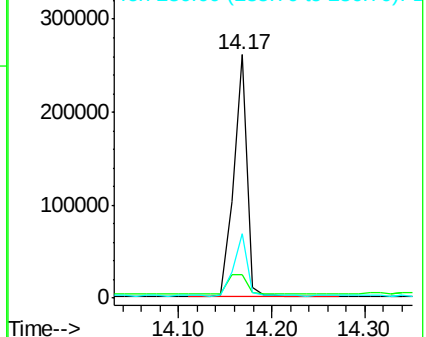
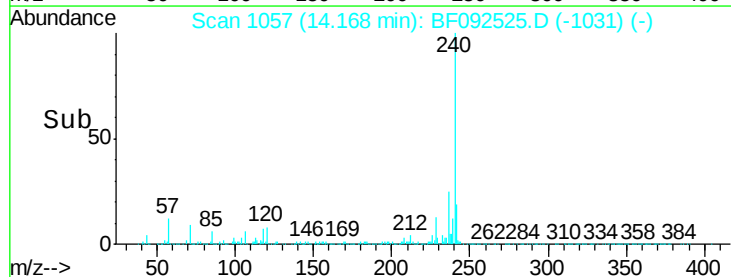
236 26.3 20.9 31.3

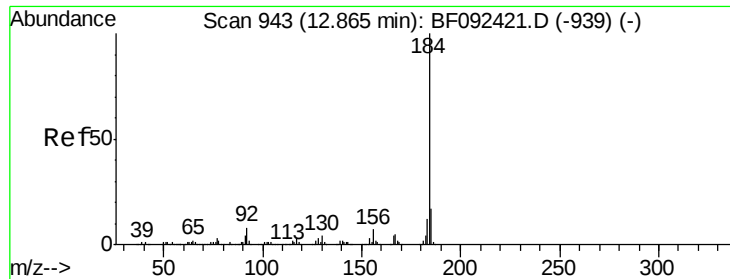


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.08 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

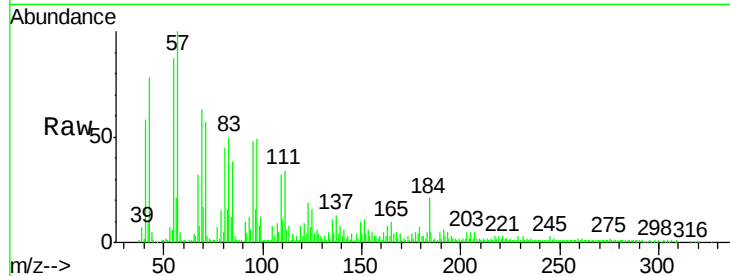
Tgt Ion:184 Resp: 20294

Ion Ratio Lower Upper

184 100

185 25.0 13.4 20.0#

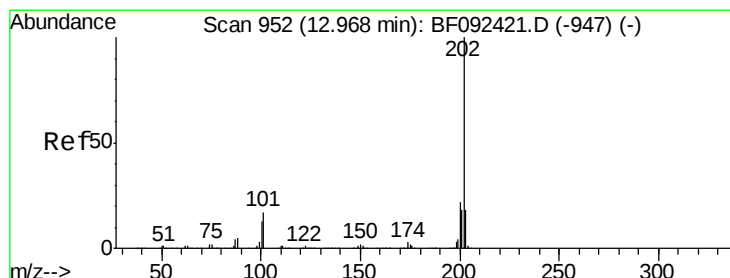
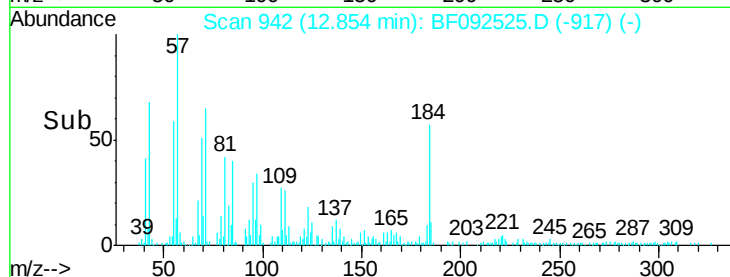
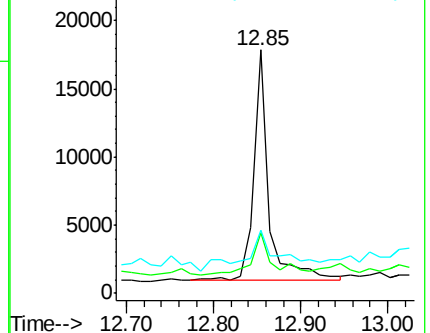
183 25.9 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 29.08 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

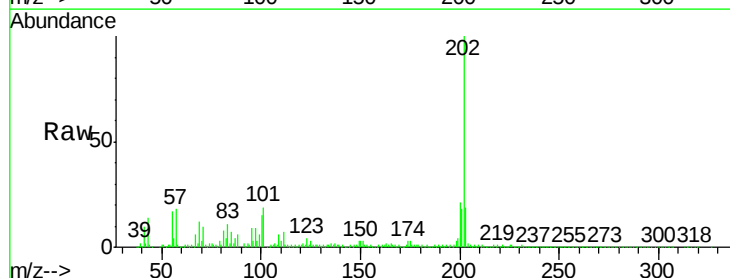
Tgt Ion:202 Resp: 554613

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

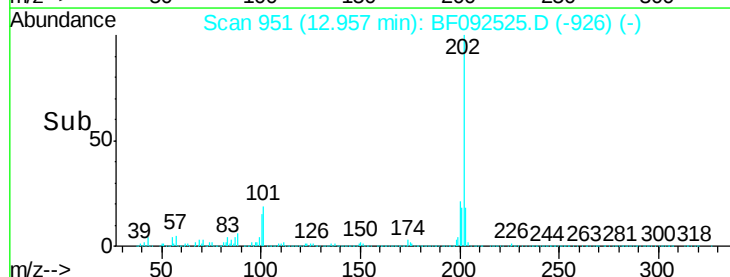
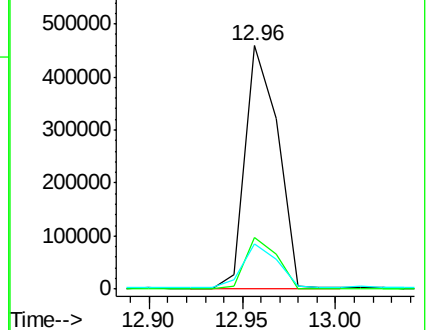
203 18.5 14.7 22.1

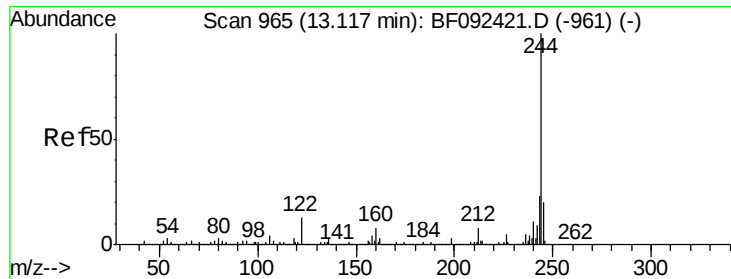


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

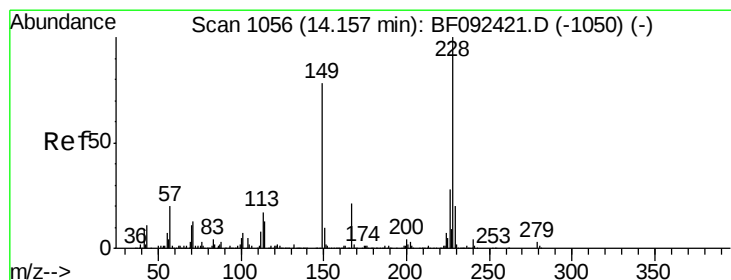
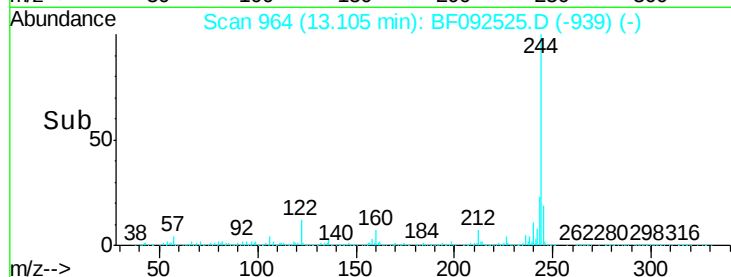
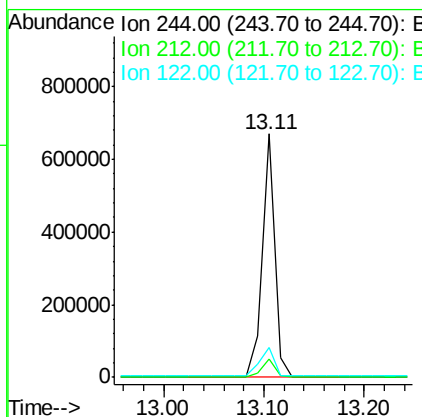
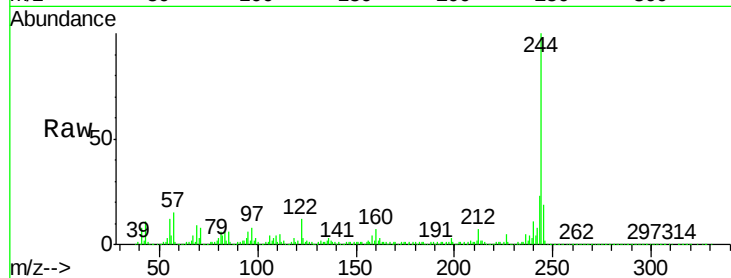




#78
 Terphenyl-d14
 Concen: 58.66 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

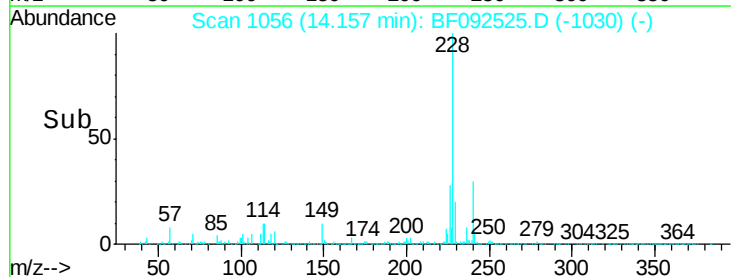
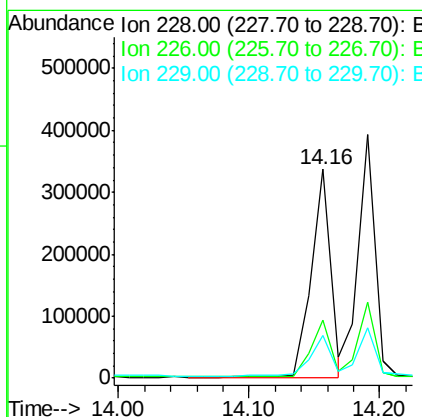
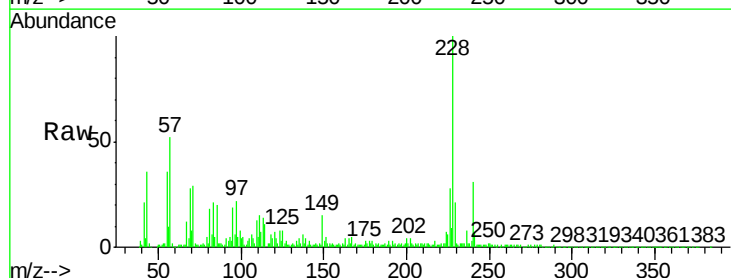
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

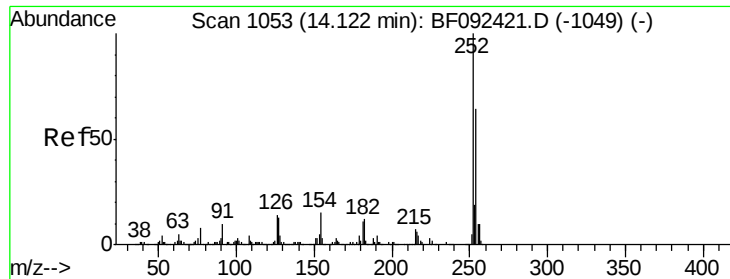
Tgt Ion:244 Resp: 579778
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.1 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 24.60 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:228 Resp: 348053
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.4 33.6
 229 20.5 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 10.15 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

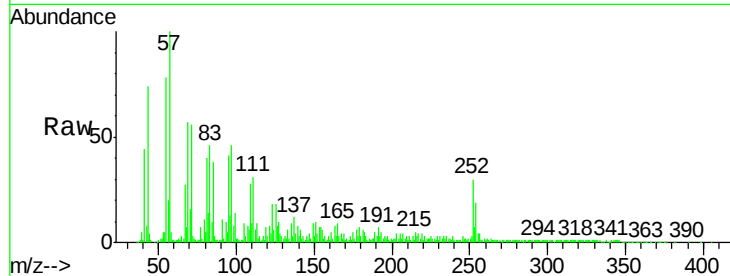
Tgt Ion:252 Resp: 54495

Ion Ratio Lower Upper

252 100

254 62.6 52.3 78.5

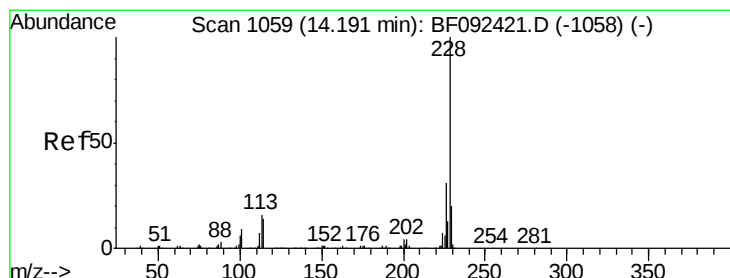
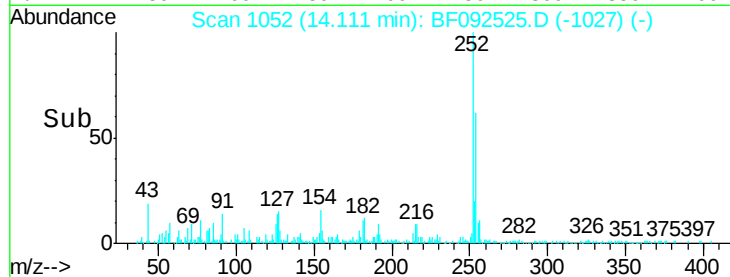
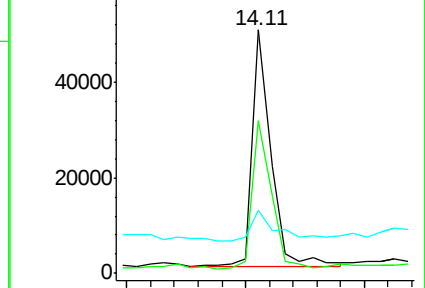
126 26.2 13.6 20.4#



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: 22.82 ng

RT: 14.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

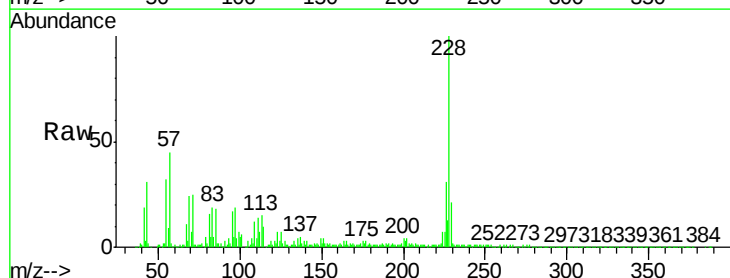
Tgt Ion:228 Resp: 344734

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

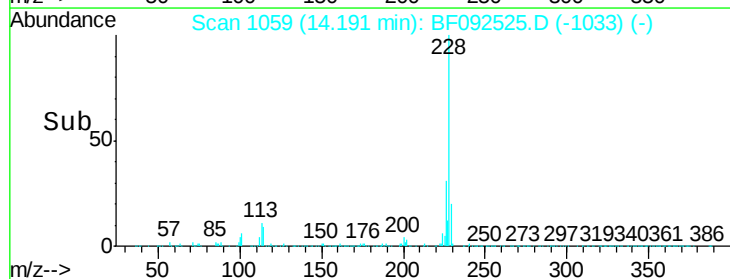
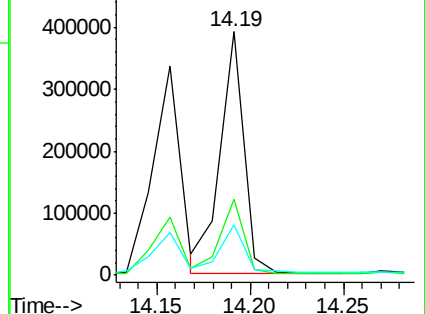
229 20.5 16.2 24.2

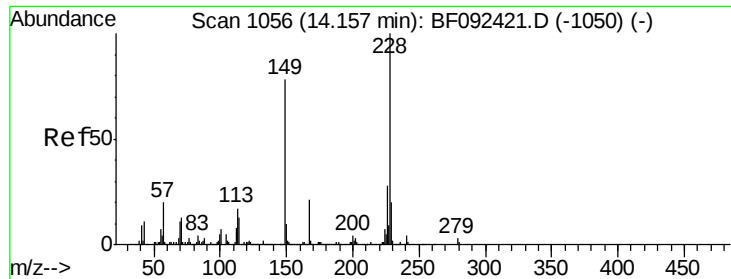


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

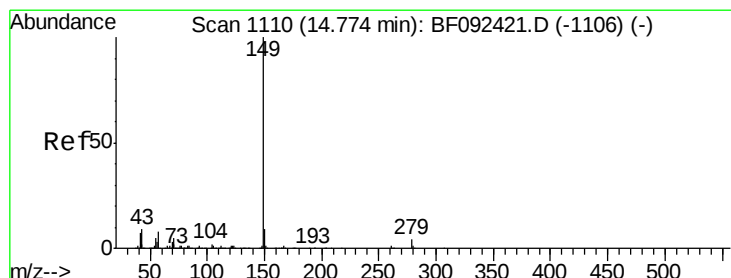
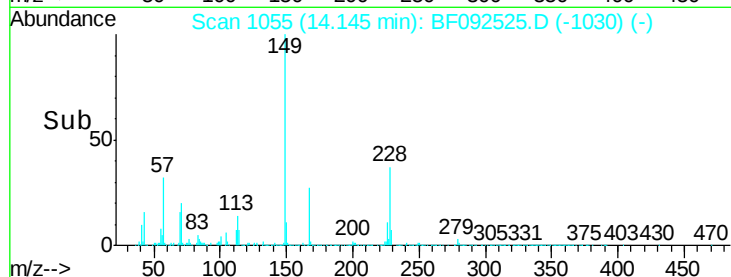
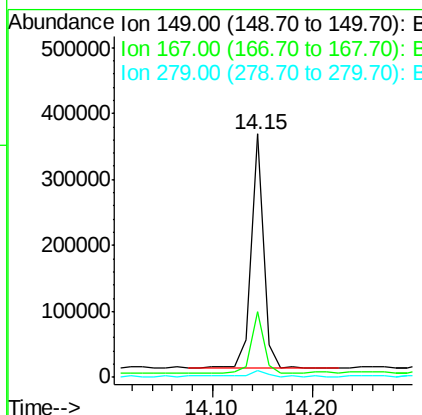
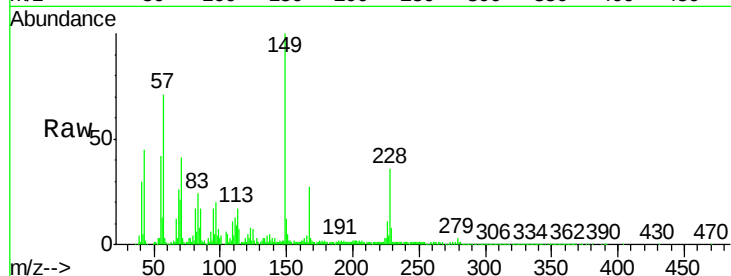




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.85 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

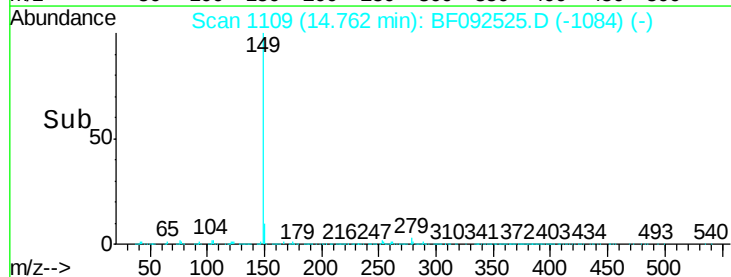
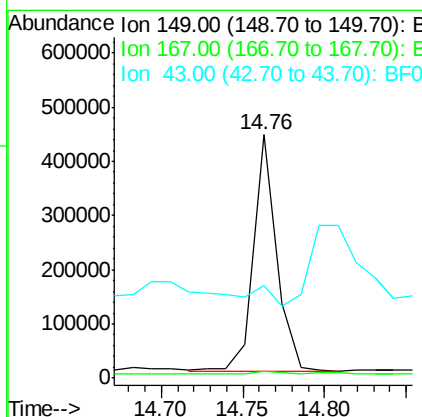
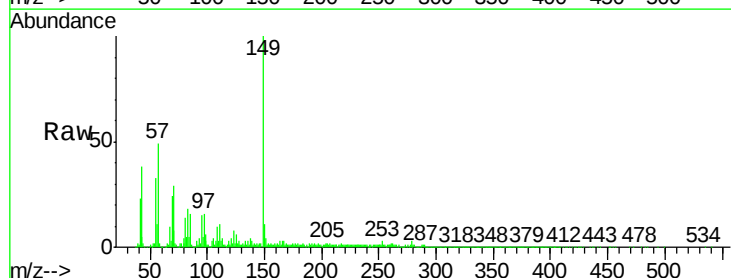
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MS

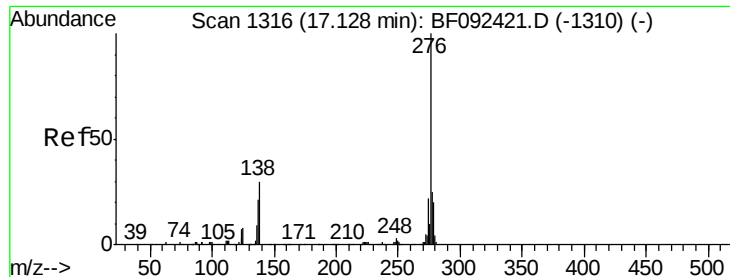
Tgt Ion:149 Resp: 300160
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.4
 279 2.9 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 24.12 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion:149 Resp: 426104
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 0.0 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.70 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

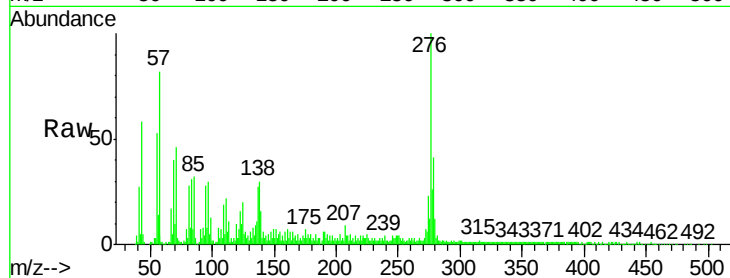
Tgt Ion:276 Resp: 253687

Ion Ratio Lower Upper

276 100

138 31.0 21.8 32.6

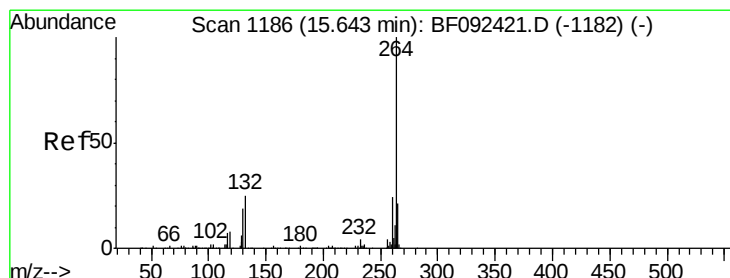
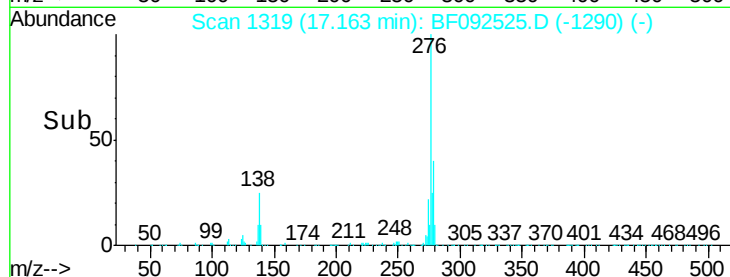
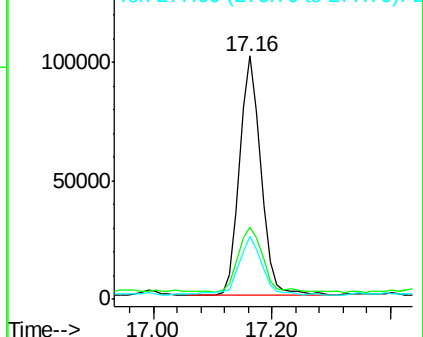
277 25.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

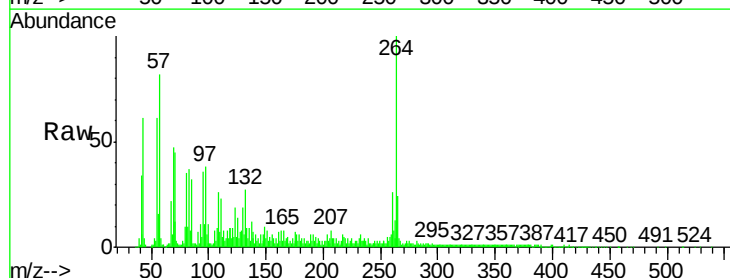
Tgt Ion:264 Resp: 189076

Ion Ratio Lower Upper

264 100

260 26.4 19.2 28.8

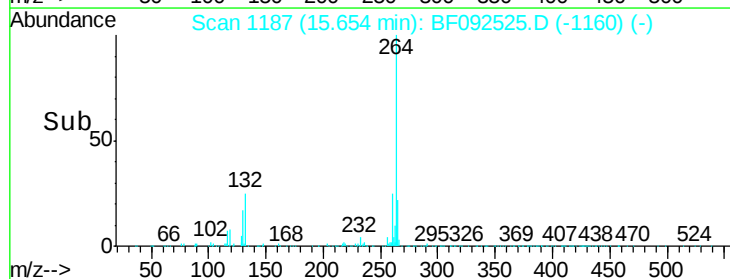
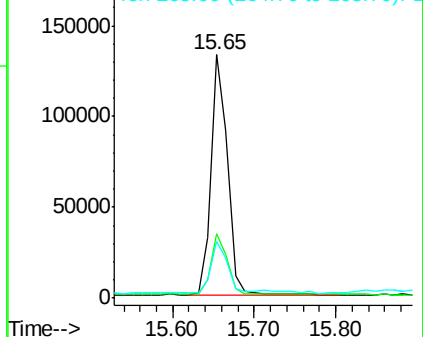
265 23.6 17.4 26.0

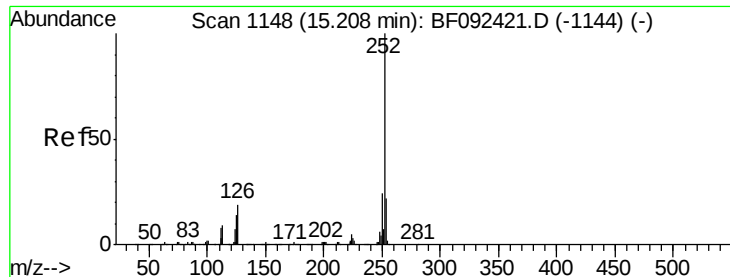


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.59 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

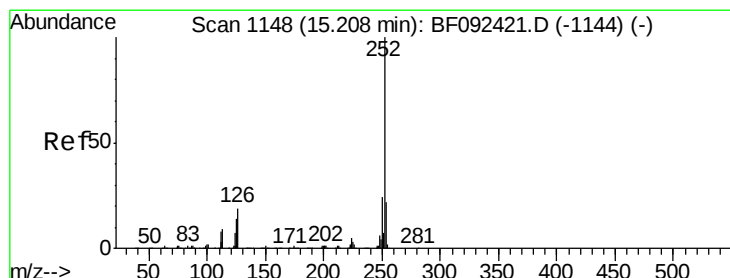
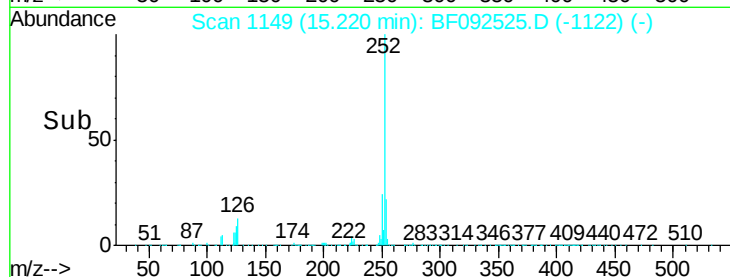
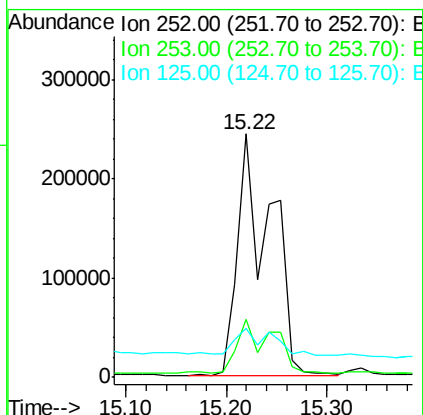
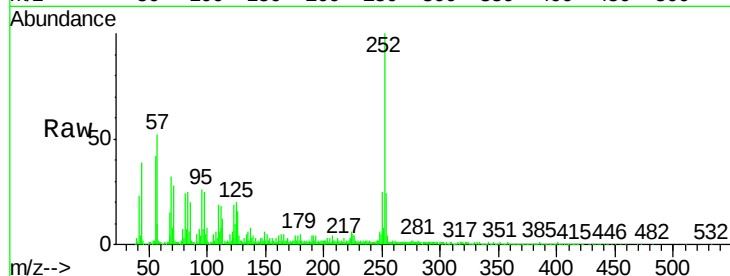
Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MS

Tgt Ion:252 Resp: 553371

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	20.4	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 54.83 ng

RT: 15.22 min Scan# 1149

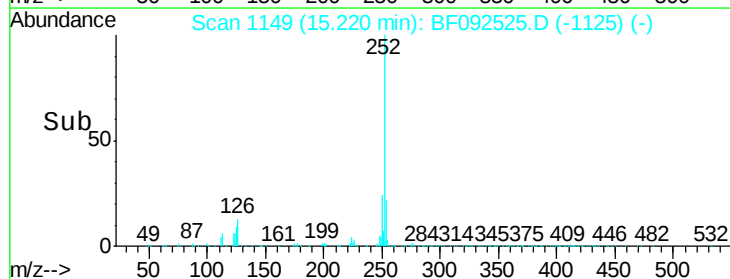
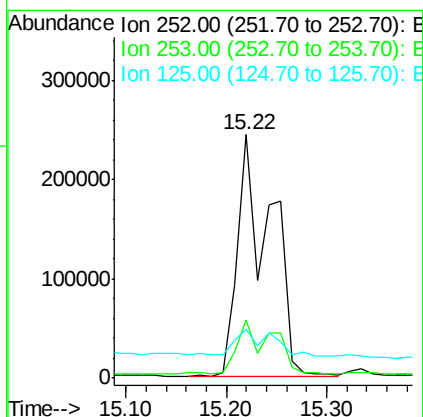
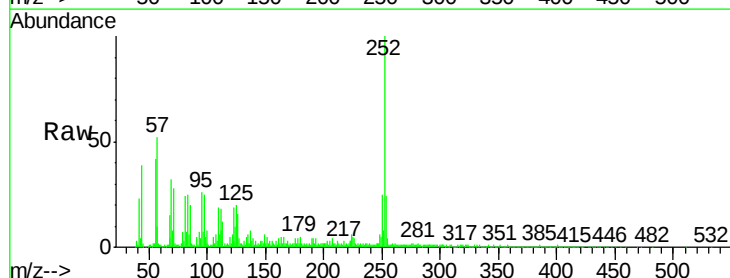
Delta R.T. -0.02 min

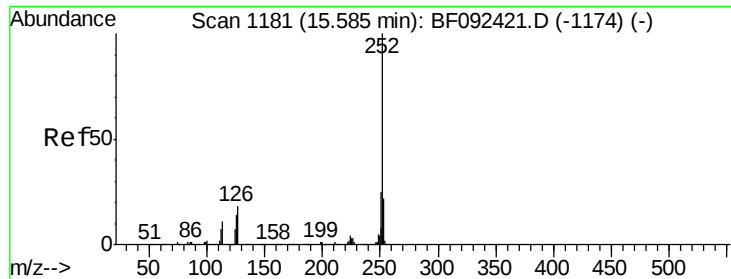
Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:252 Resp: 553371

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	20.4	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 24.15 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

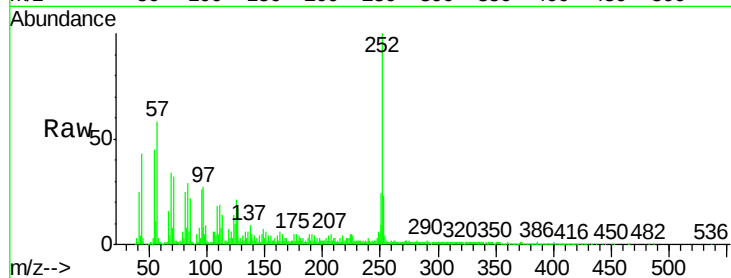
Tgt Ion:252 Resp: 247993

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 21.0 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

15.60

200000

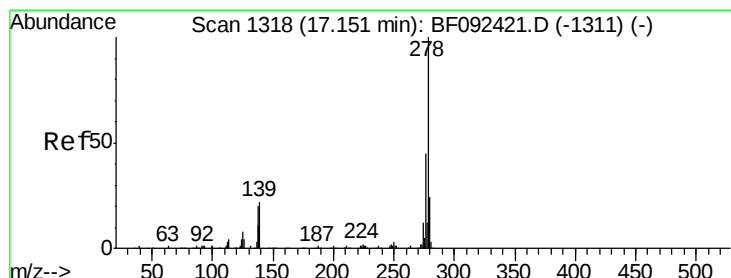
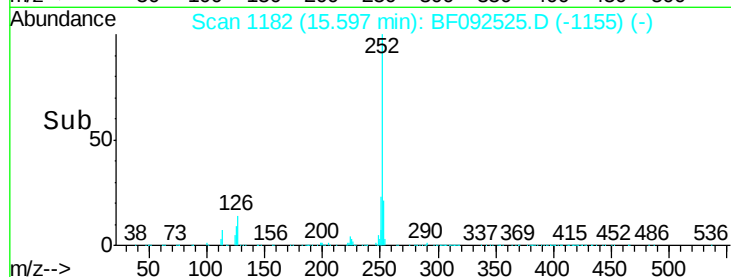
150000

100000

50000

0

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 24.15 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

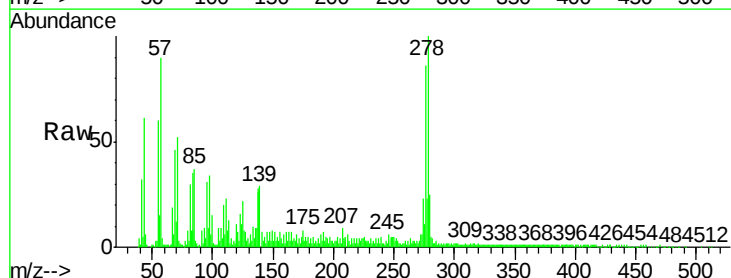
Tgt Ion:278 Resp: 200497

Ion Ratio Lower Upper

278 100

139 29.0 14.8 22.2#

279 24.8 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

17.17

120000

100000

80000

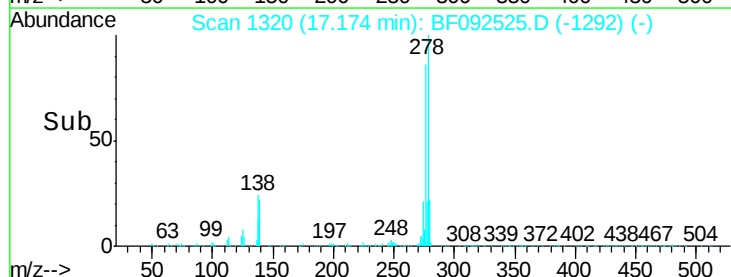
60000

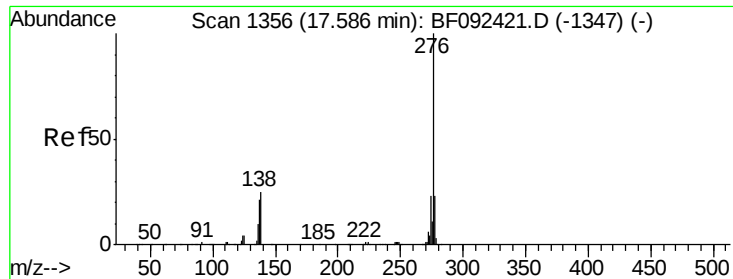
40000

20000

0

Time-->





#91

Benzo(g,h,i)perylene

Concen: 24.83 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092525.D

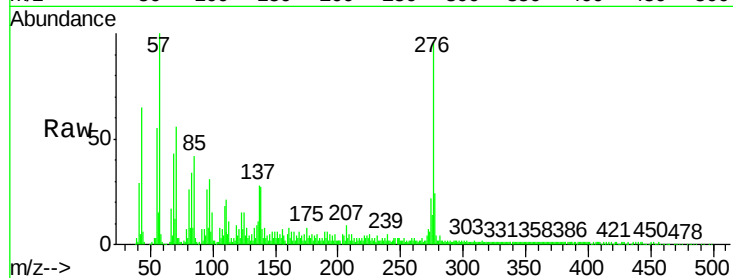
Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS



Tgt Ion:	276	Resp:	208510
Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	28.4	16.0	24.0

