

Data File : BF093052.D
Acq On : 21 Feb 2017 2:11
Operator : SJ/MA
Sample : I1913-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Quant Time: Feb 21 03:00:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150249	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	580674	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	273529	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	431423	20.00	ng	0.00
75) Chrysene-d12	14.01	240	303265	20.00	ng	-0.01
86) Perylene-d12	15.44	264	305641	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1066932	121.83	ng	0.00
7) Phenol-d6	6.50	99	1487213	131.98	ng	0.01
23) Nitrobenzene-d5	7.42	82	921504	88.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	232073	117.31	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1489110	98.63	ng	0.00
78) Terphenyl-d14	12.96	244	989757	76.69	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	166139	35.11	ng	# 84
3) Pyridine	3.18	79	413215	34.34	ng	89
4) n-Nitrosodimethylamine	3.14	42	232806	41.20	ng	90
6) Aniline	6.51	93	382280	24.87	ng	99
8) 2-Chlorophenol	6.64	128	433018	44.82	ng	95
9) Benzaldehyde	6.40	77	81460	10.09	ng	95
10) Phenol	6.51	94	591341	44.85	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	459078	43.63	ng	97
12) 1,3-Dichlorobenzene	7.02	146	427439	37.77	ng	97
13) 1,4-Dichlorobenzene	6.86	146	486141	42.45	ng	96
14) 1,2-Dichlorobenzene	6.86	146	486141	44.39	ng	96
15) Benzyl Alcohol	7.00	79	359971	43.15	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	744283	40.71	ng	98
17) 2-Methylphenol	7.12	107	365124	44.05	ng	97
18) Hexachloroethane	7.36	117	156586	40.05	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	296343	41.31	ng	93
20) 3+4-Methylphenols	7.28	107	438559	44.25	ng	# 77
22) Acetophenone	7.26	105	571065	43.07	ng	# 95
24) Nitrobenzene	7.44	77	436745	40.79	ng	98
25) Isophorone	7.68	82	830029	42.72	ng	95
26) 2-Nitrophenol	7.76	139	242097	47.57	ng	95
27) 2,4-Dimethylphenol	7.80	122	419740	46.96	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	570219	44.31	ng	100
29) 2,4-Dichlorophenol	8.01	162	349434	41.92	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	369412	41.12	ng	# 93
31) Naphthalene	8.16	128	1169359	39.73	ng	99
32) Benzoic acid	7.90	122	111129	25.83	ng	97
33) 4-Chloroaniline	8.21	127	167027	14.47	ng	97
34) Hexachlorobutadiene	8.28	225	202251	40.92	ng	98
35) Caprolactam	8.59	113	112449	42.88	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	351693	40.46	ng	97
37) 2-Methylnaphthalene	8.85	142	796090	42.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	343645	44.76	ng	99
40) Hexachlorocyclopentadiene	9.00	237	230057	66.41	ng	96

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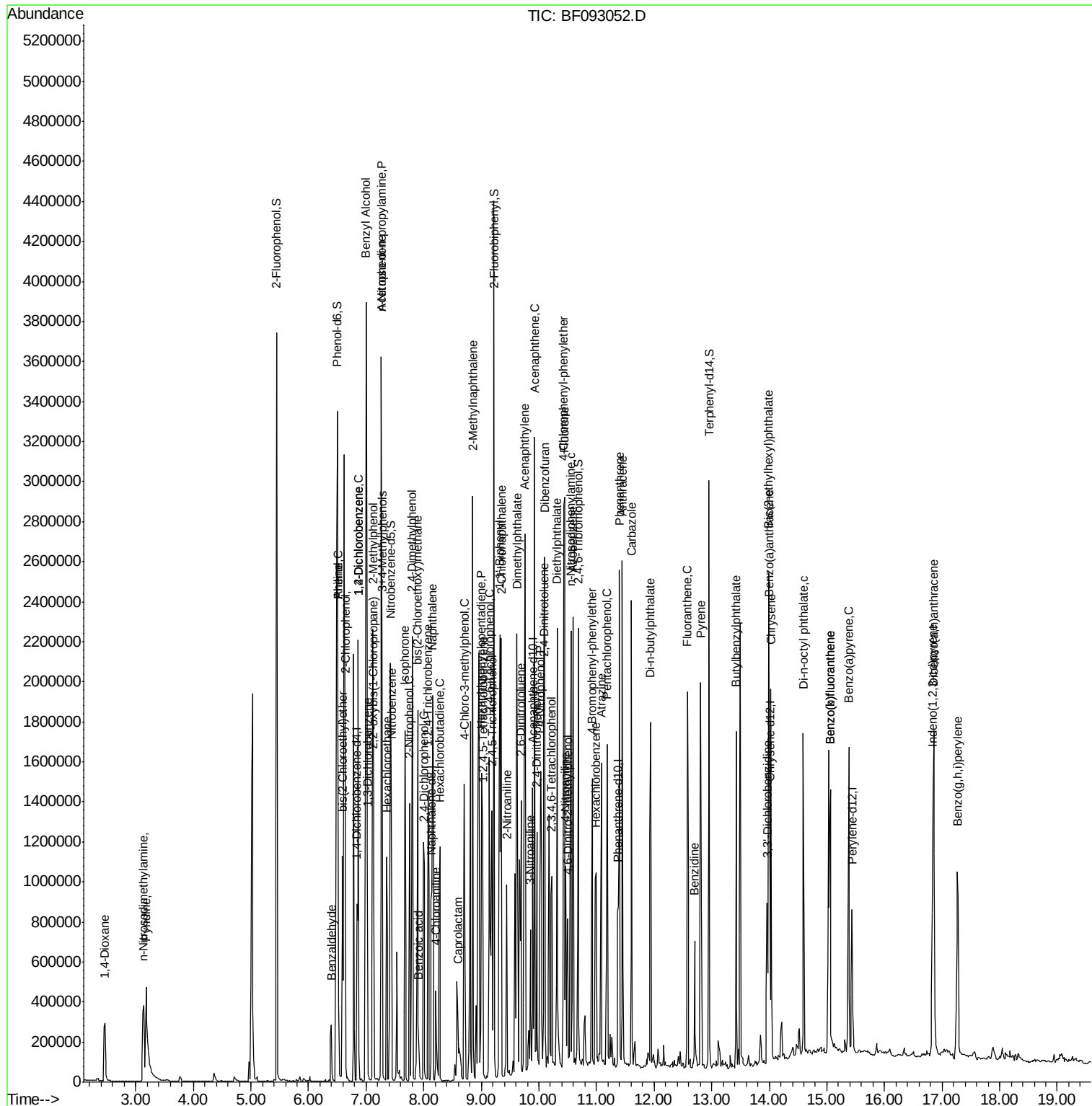
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	259146	51.36	ng	95
43) 2,4,5-Trichlorophenol	9.18	196	247555	44.78	ng #	84
45) 1,1'-Biphenyl	9.32	154	937430	47.33	ng	99
46) 2-Chloronaphthalene	9.34	162	763839	49.30	ng	97
47) 2-Nitroaniline	9.45	65	242542	46.56	ng #	69
48) Acenaphthylene	9.76	152	1123430	41.97	ng	99
49) Dimethylphthalate	9.62	163	1200594	65.17	ng	99
50) 2,6-Dinitrotoluene	9.69	165	201760	50.71	ng	96
51) Acenaphthene	9.93	154	676933	42.30	ng	96
52) 3-Nitroaniline	9.85	138	123155	27.05	ng	90
53) 2,4-Dinitrophenol	9.96	184	142522	70.98	ng #	63
54) Dibenzofuran	10.10	168	958103	44.76	ng	95
55) 4-Nitrophenol	10.03	139	286245	87.28	ng #	76
56) 2,4-Dinitrotoluene	10.09	165	217098	40.98	ng	95
57) Fluorene	10.44	166	763244	46.35	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	178407	48.38	ng	93
59) Diethylphthalate	10.32	149	788449	45.41	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	327166	41.36	ng	92
61) 4-Nitroaniline	10.46	138	171318	36.73	ng	93
62) Azobenzene	10.59	77	862181	48.06	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	129745	49.33	ng	92
65) n-Nitrosodiphenylamine	10.56	169	690096	50.07	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	203544	45.16	ng #	88
67) Hexachlorobenzene	10.99	284	189781	42.61	ng #	91
68) Atrazine	11.08	200	207374	46.89	ng	96
69) Pentachlorophenol	11.18	266	194777	84.29	ng	97
70) Phenanthrene	11.40	178	1086856	43.97	ng	98
71) Anthracene	11.45	178	972092	39.16	ng	99
72) Carbazole	11.61	167	894966	37.72	ng	99
73) Di-n-butylphthalate	11.94	149	1166044	45.44	ng #	96
74) Fluoranthene	12.58	202	894255	35.08	ng	97
76) Benzidine	12.70	184	255785	19.79	ng	97
77) Pyrene	12.81	202	855760	37.71	ng	99
79) Butylbenzylphthalate	13.42	149	362308	39.31	ng	100
80) Benzo(a)anthracene	14.00	228	719192	38.77	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	188851	28.56	ng #	96
82) Chrysene	14.03	228	577016	33.23	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	524077	41.58	ng	98
84) Di-n-octyl phthalate	14.59	149	883765	43.06	ng	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	865860	64.37	ng	95
87) Benzo(b)fluoranthene	15.06	252	1418900	70.53	ng #	95
88) Benzo(k)fluoranthene	15.06	252	1418900	81.69	ng #	96
89) Benzo(a)pyrene	15.38	252	713140	40.98	ng	99
90) Dibenzo(a,h)anthracene	16.85	278	701329	49.87	ng #	95
91) Benzo(g,h,i)perylene	17.27	276	750104	52.80	ng #	90

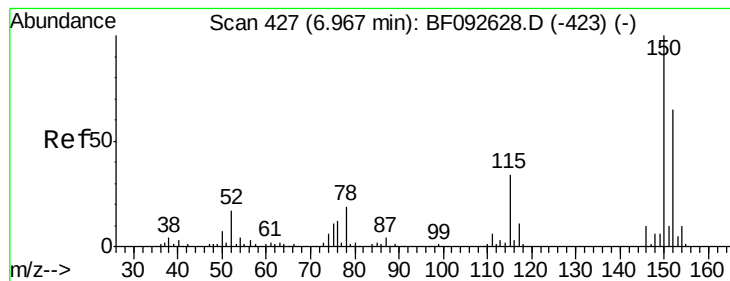
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 24 Sample Multiplier: 1

SP-ABCD-COMPMSD

Response via : Initial Calibration

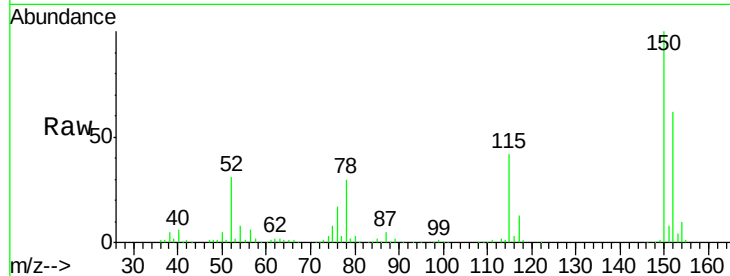




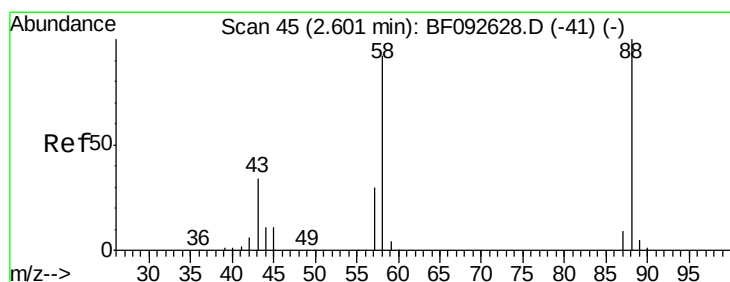
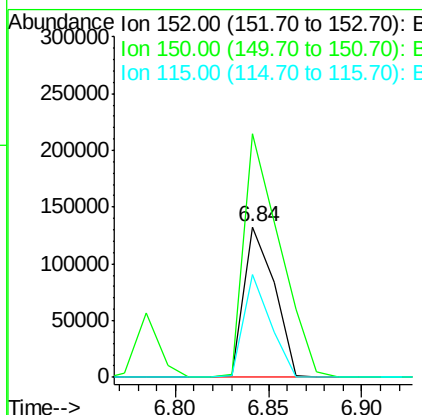
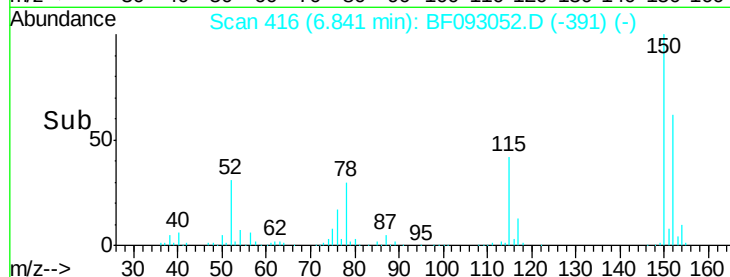
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion: 152 Resp: 150249
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.9 187.3
 115 67.9 46.0 69.0

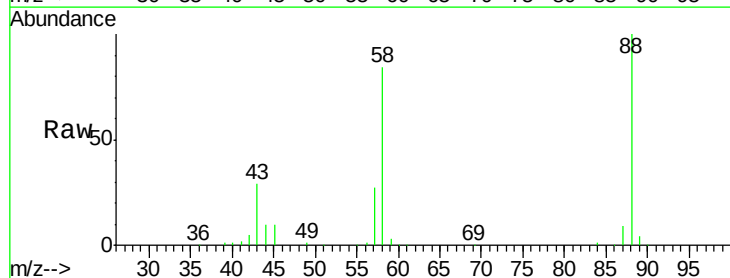


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

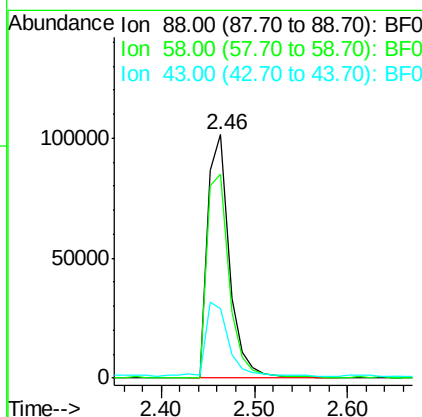
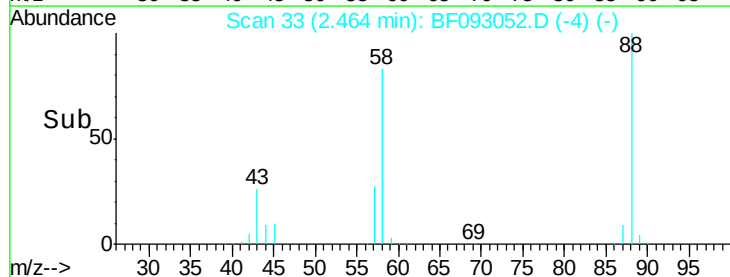


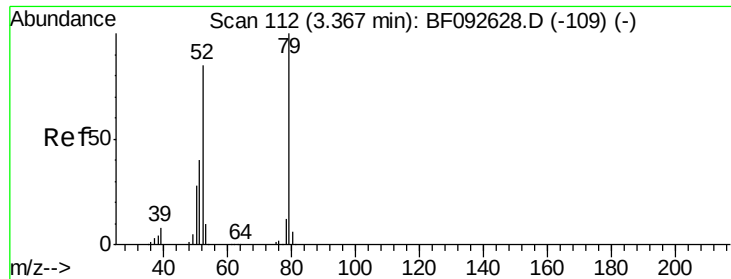
#2
 1,4-Dioxane
 Concen: 35.11 ng
 RT: 2.46 min Scan# 33
 Delta R.T. 0.03 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion: 88 Resp: 166139
 Ion Ratio Lower Upper
 88 100
 58 87.8 57.8 86.8#
 43 32.3 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

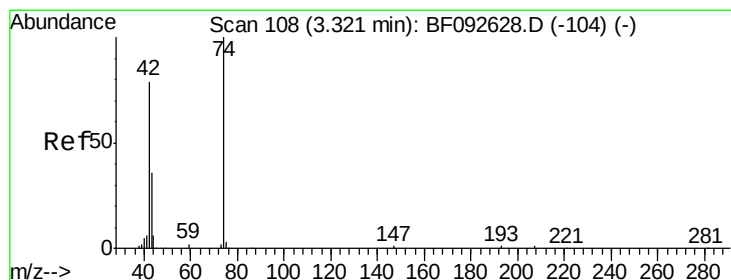
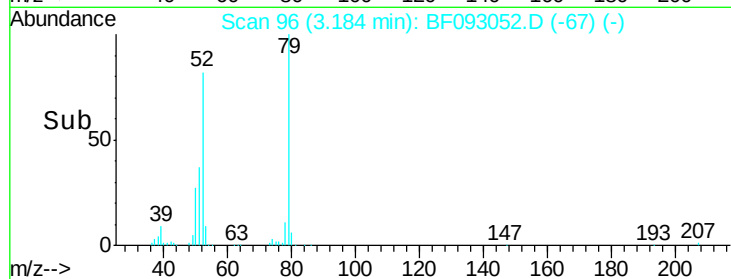
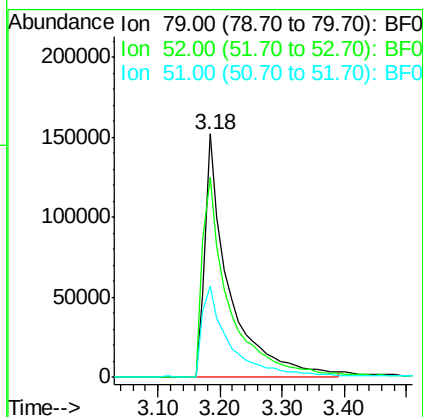
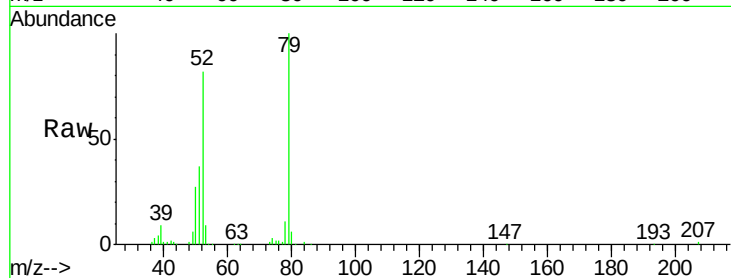




#3
 Pyridine
 Concen: 34.34 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.03 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

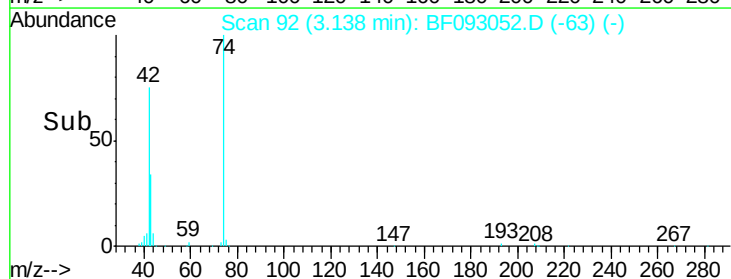
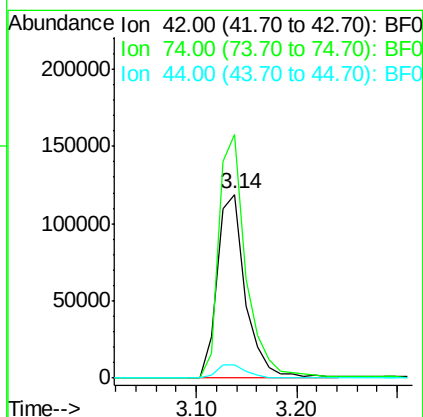
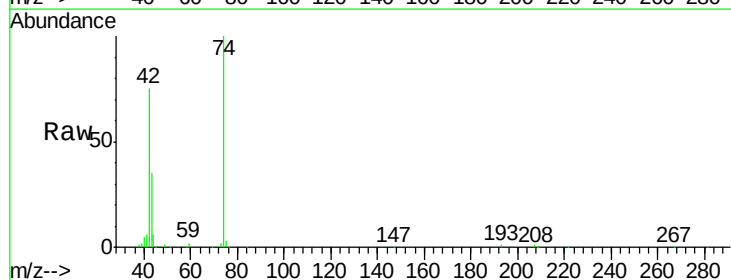
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

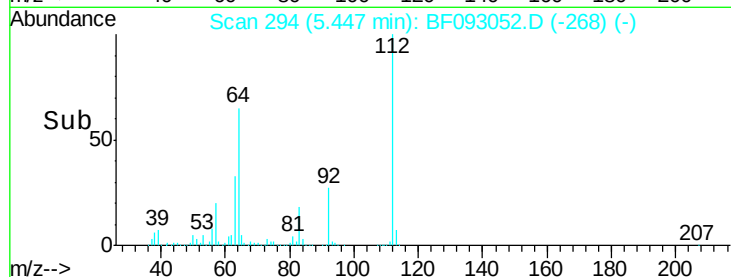
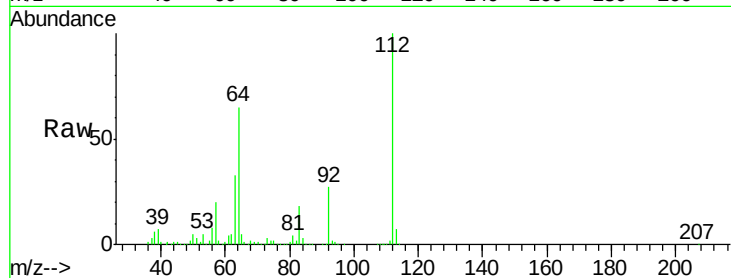
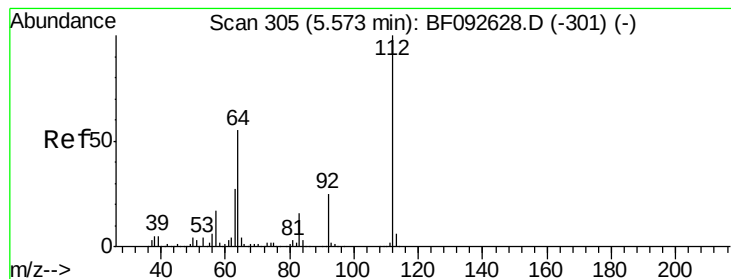
Tgt Ion: 79 Resp: 413215
 Ion Ratio Lower Upper
 79 100
 52 82.4 57.1 85.7
 51 37.2 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 41.20 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.03 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion: 42 Resp: 232806
 Ion Ratio Lower Upper
 42 100
 74 132.7 117.0 175.4
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 121.83 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

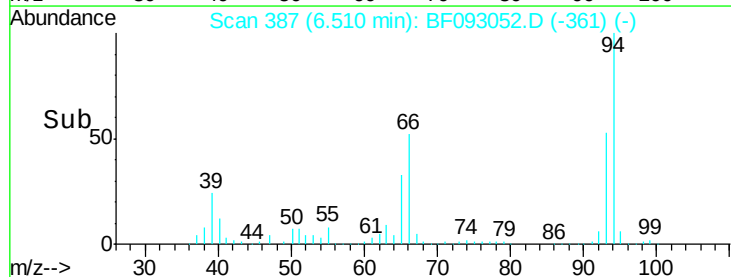
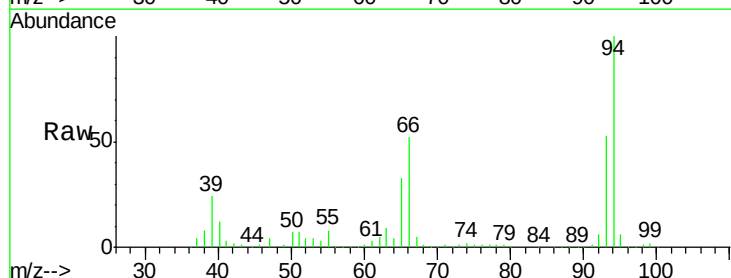
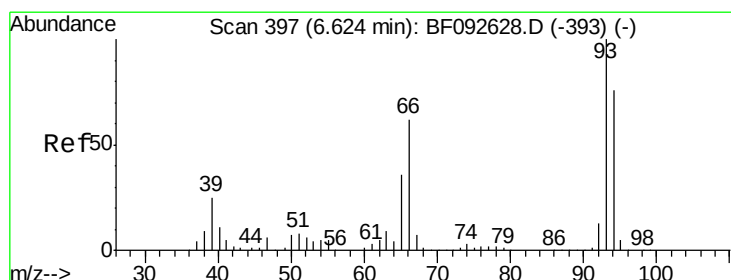
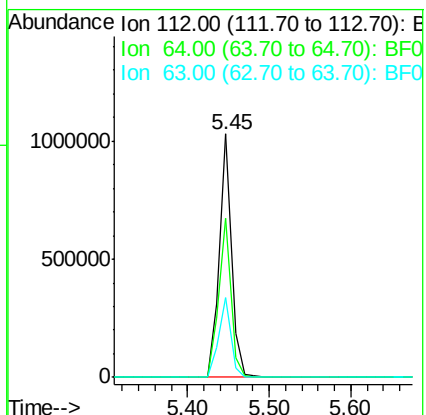
Tgt Ion: 112 Resp: 1066932

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

63 32.7 23.8 35.6



#6

Aniline

Concen: 24.87 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

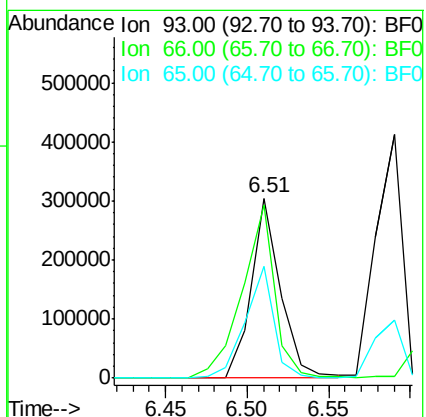
Tgt Ion: 93 Resp: 382280

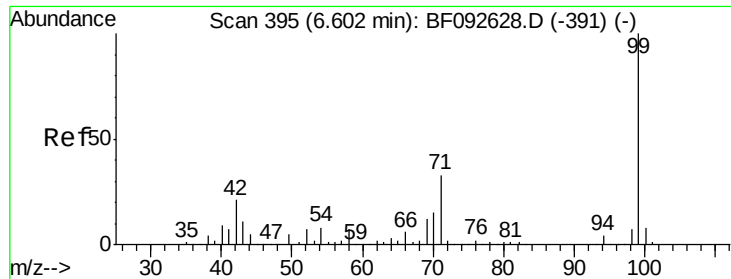
Ion Ratio Lower Upper

93 100

66 96.5 76.2 114.2

65 62.0 49.3 73.9





#7

Phenol-d6

Concen: 131.98 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

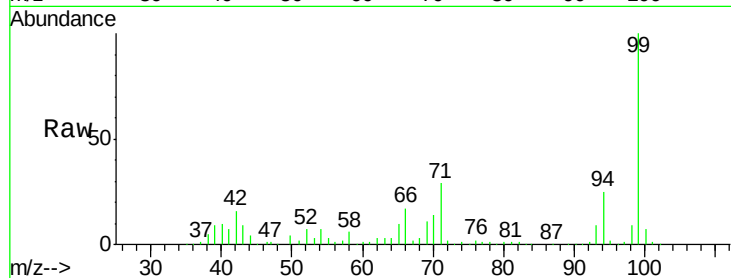
Tgt Ion: 99 Resp: 1487213

Ion Ratio Lower Upper

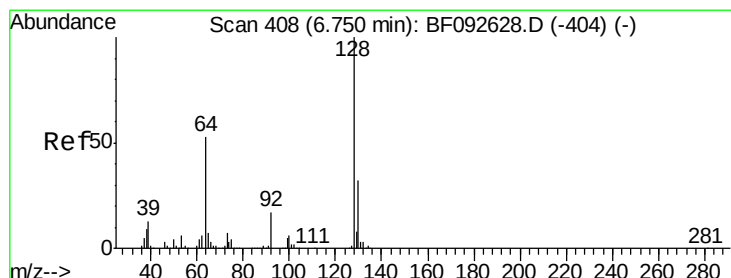
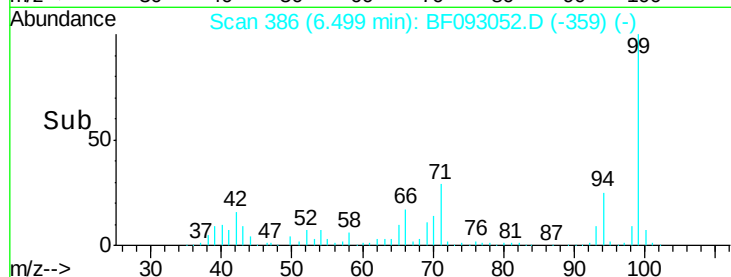
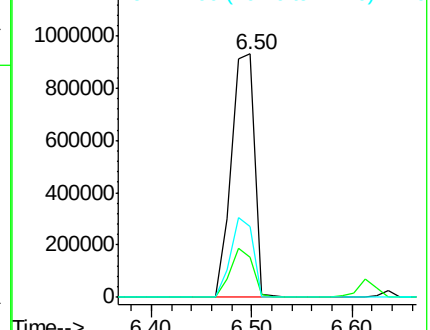
99 100

42 16.4 15.6 23.4

71 28.9 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: 44.82 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

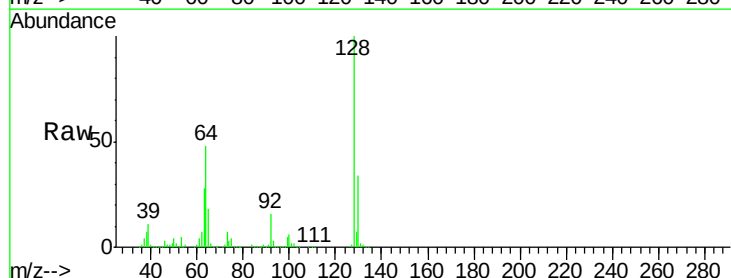
Tgt Ion: 128 Resp: 433018

Ion Ratio Lower Upper

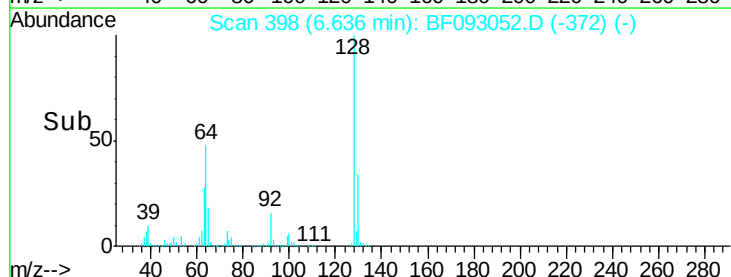
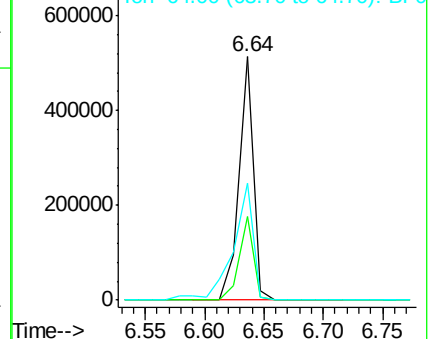
128 100

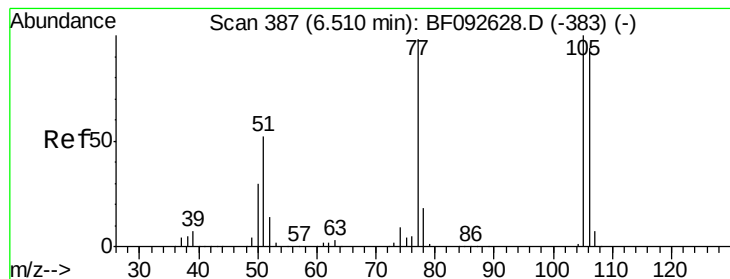
130 34.1 12.3 52.3

64 48.0 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: 10.09 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

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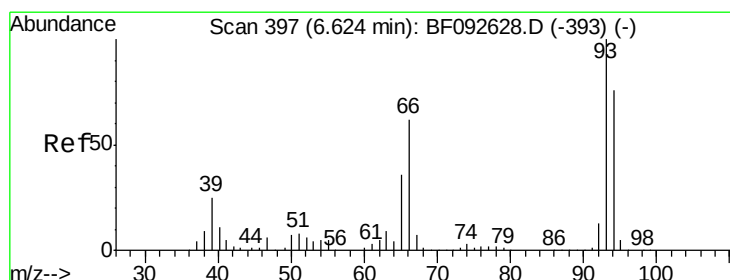
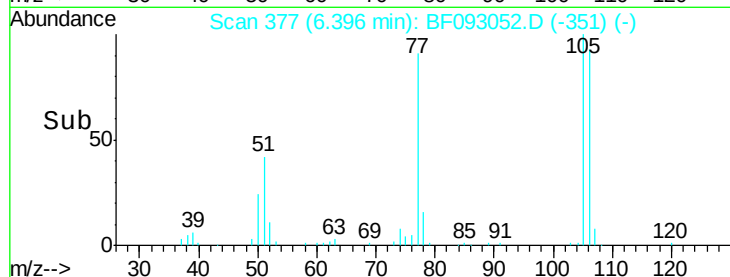
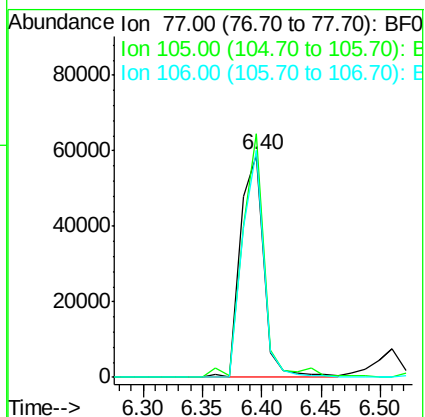
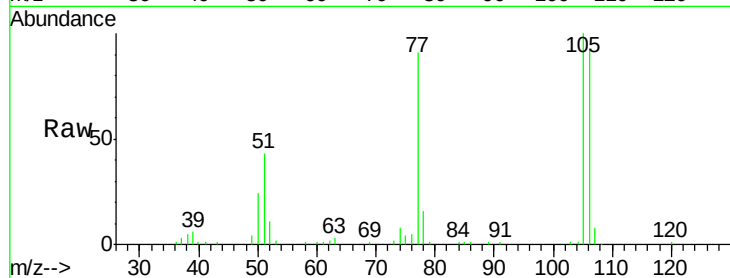
Tgt Ion: 77 Resp: 81460

Ion Ratio Lower Upper

77 100

105 109.5 83.9 123.9

106 102.2 77.6 117.6



#10

Phenol

Concen: 44.85 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

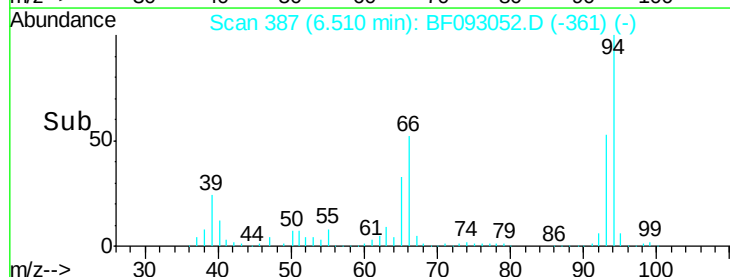
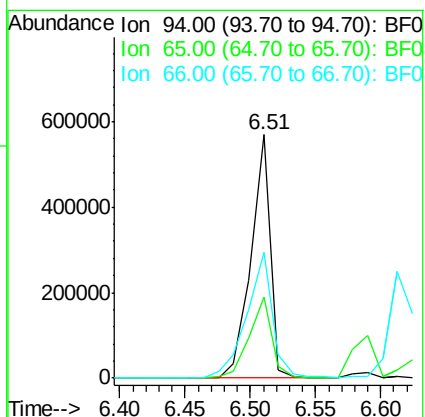
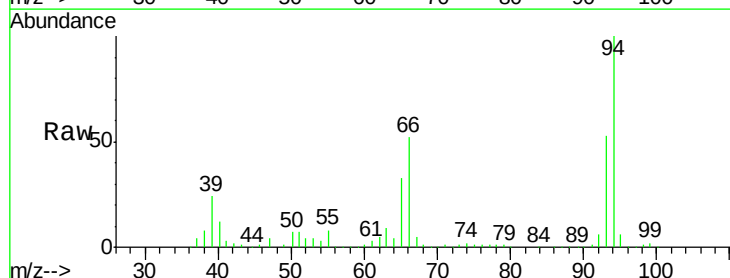
Tgt Ion: 94 Resp: 591341

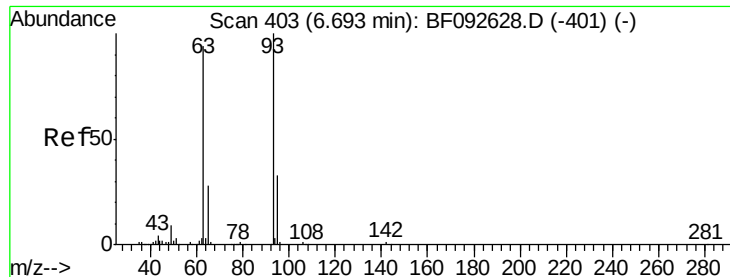
Ion Ratio Lower Upper

94 100

65 33.1 21.4 61.4

66 51.5 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 43.63 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

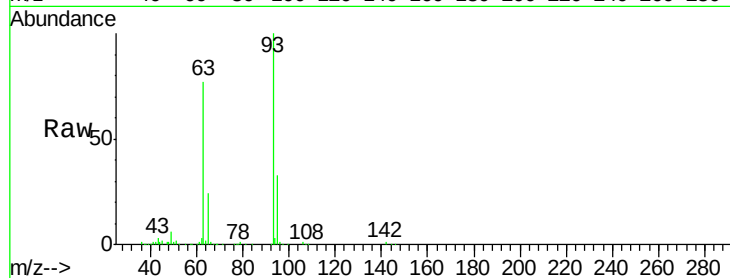
Tgt Ion: 93 Resp: 459078

Ion Ratio Lower Upper

93 100

63 77.4 60.4 100.4

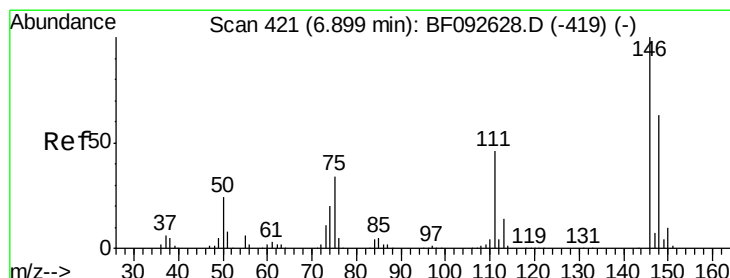
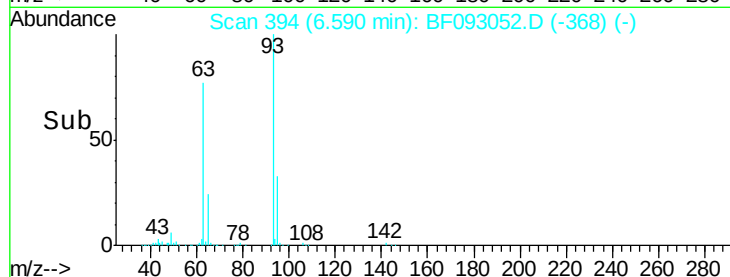
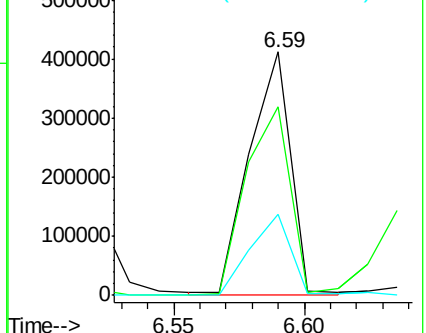
95 33.2 12.8 52.8



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: 37.77 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.23 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

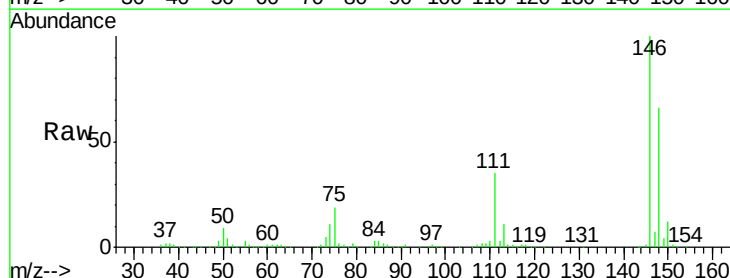
Tgt Ion: 146 Resp: 427439

Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.0

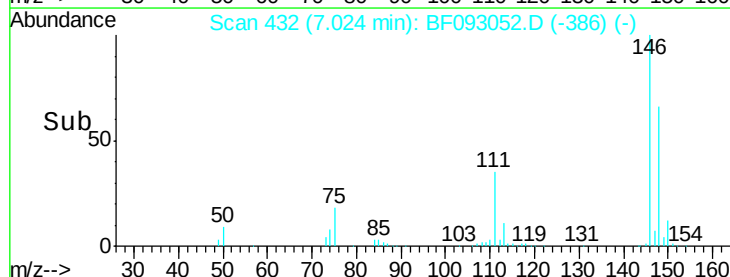
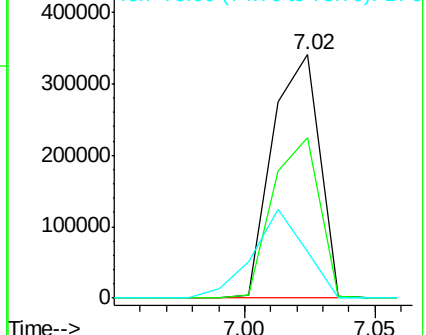
75 19.2 18.5 27.7

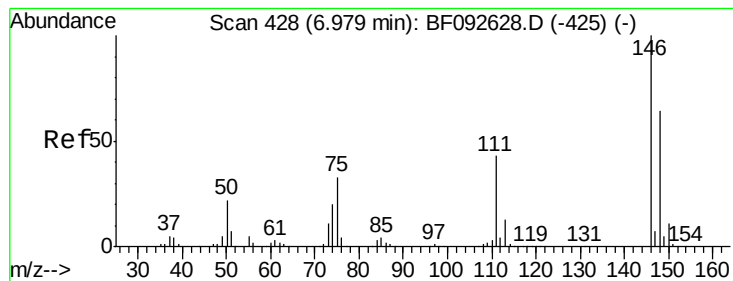


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.45 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

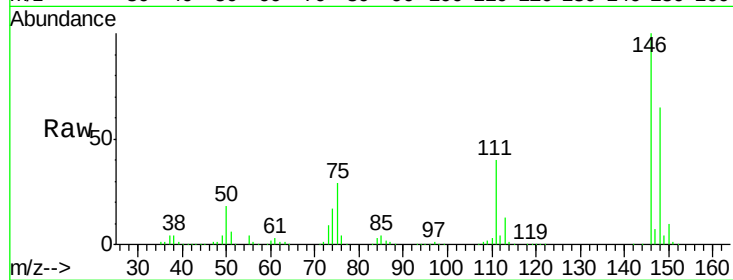
Tgt Ion:146 Resp: 486141

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

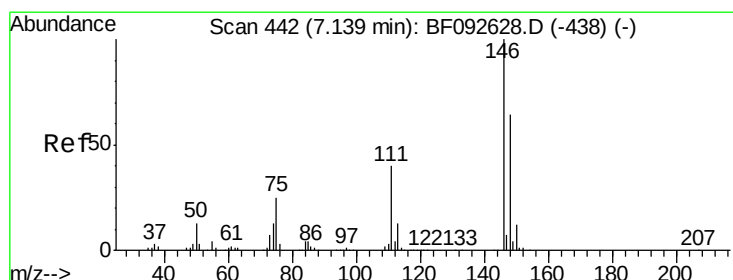
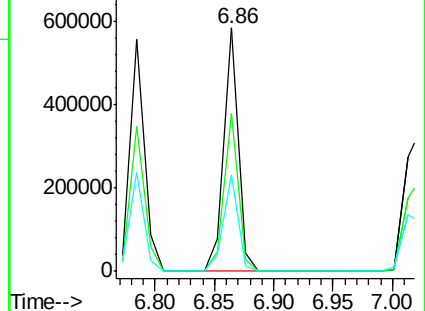
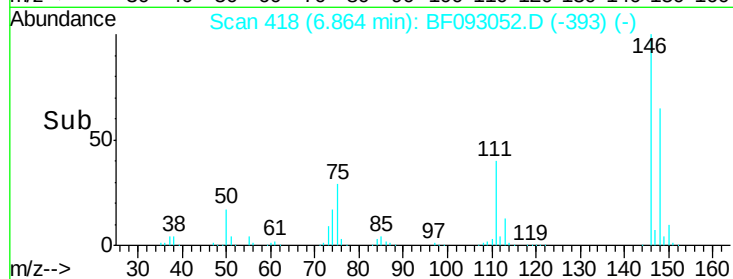
111 39.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.39 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.16 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

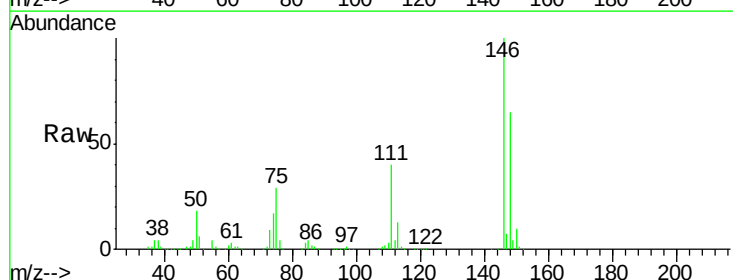
Tgt Ion:146 Resp: 486141

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

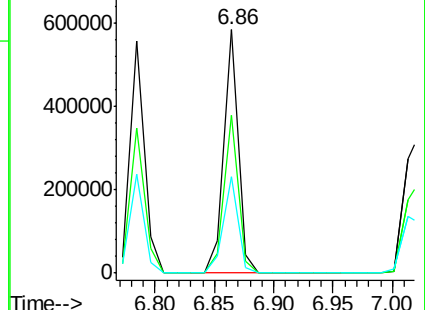
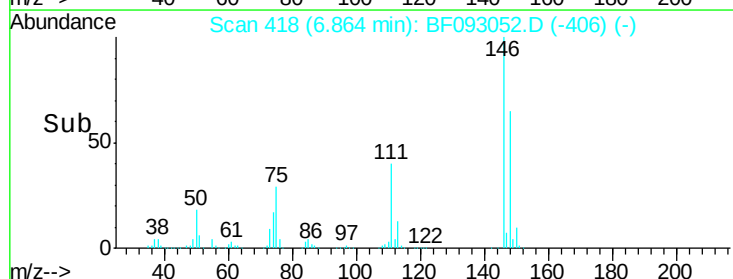
111 39.8 36.2 54.2

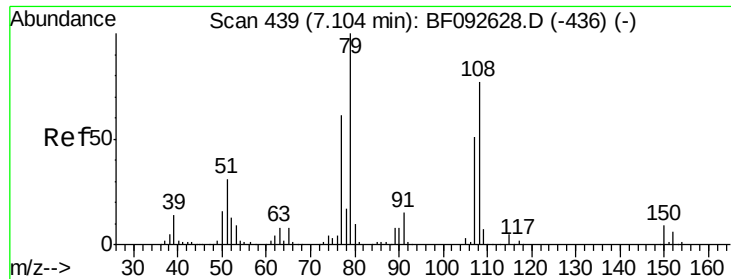


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

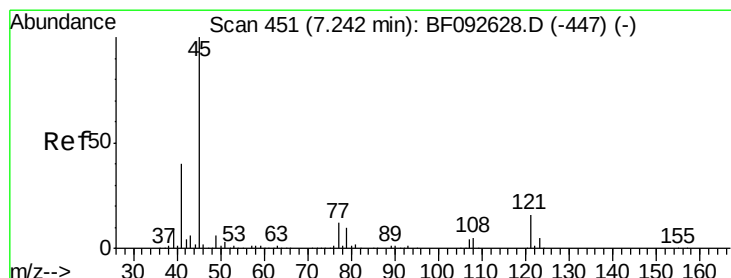
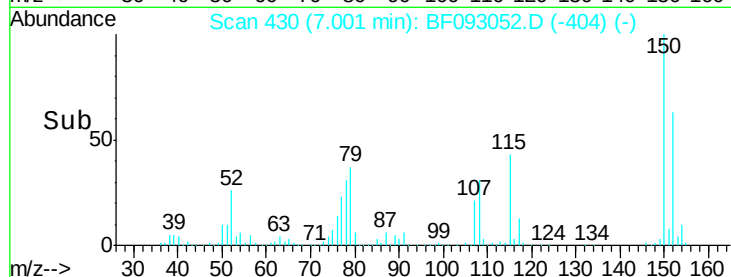
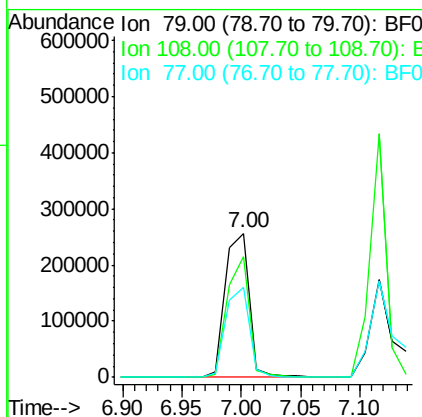
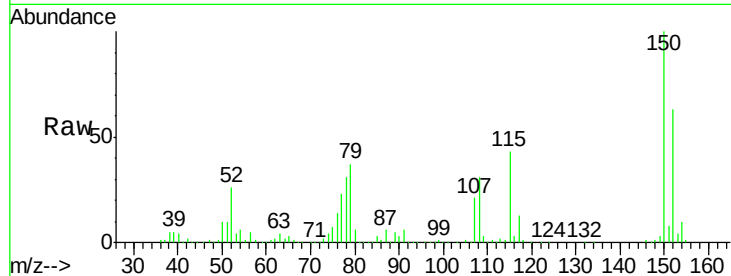




#15
Benzyl Alcohol
Concen: 43.15 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

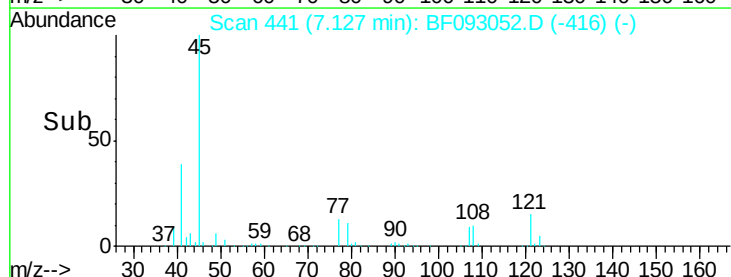
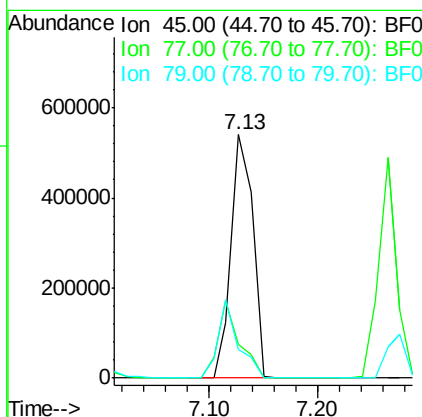
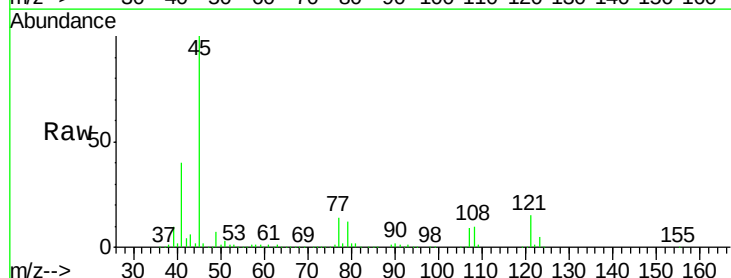
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

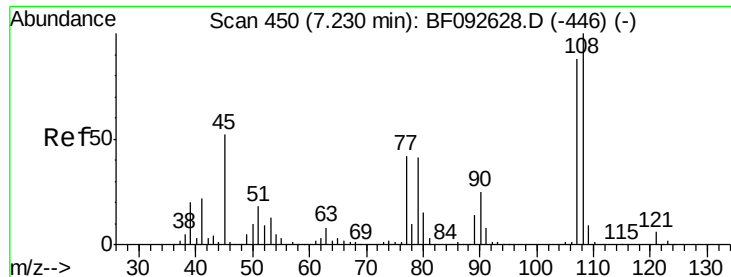
Tgt Ion: 79 Resp: 359971
Ion Ratio Lower Upper
79 100
108 84.1 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.71 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion: 45 Resp: 744283
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 11.8 0.0 31.2

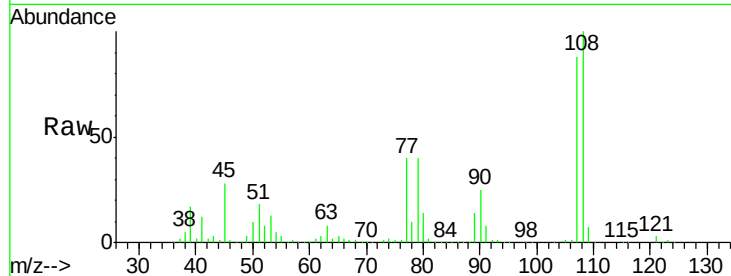




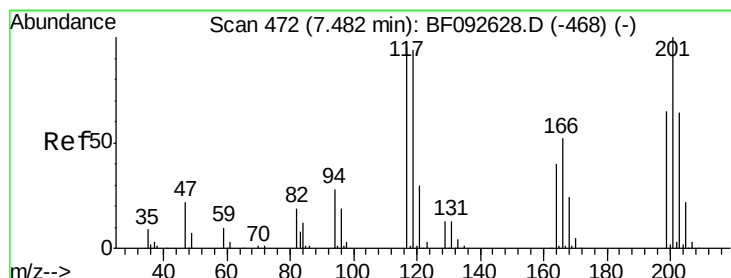
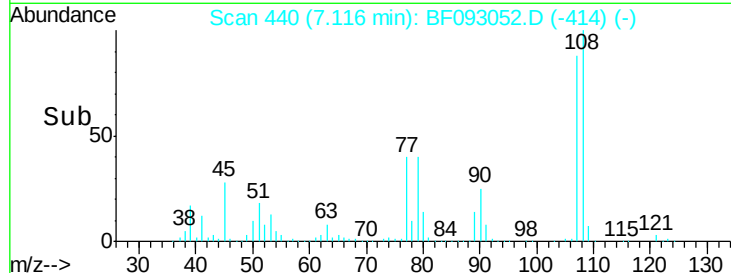
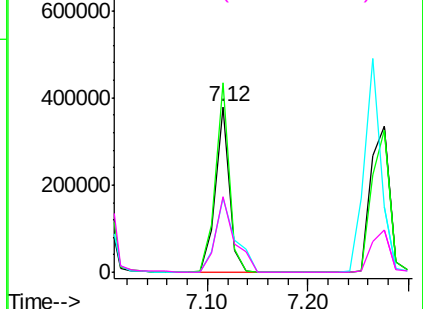
#17
2-Methylphenol
Concen: 44.05 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Tgt Ion:107 Resp: 365124
Ion Ratio Lower Upper
107 100
108 114.1 93.0 139.6
77 45.2 39.8 59.8
79 45.8 38.0 57.0

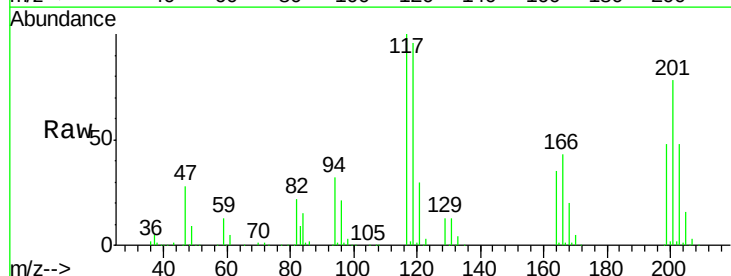


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

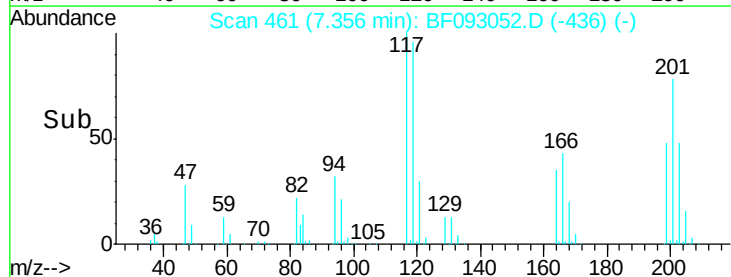
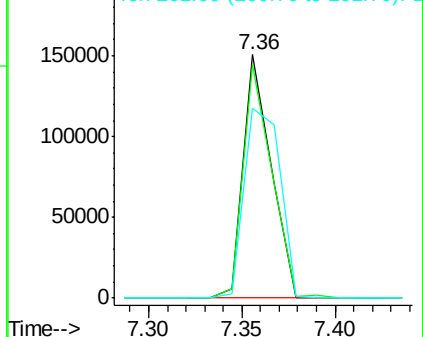


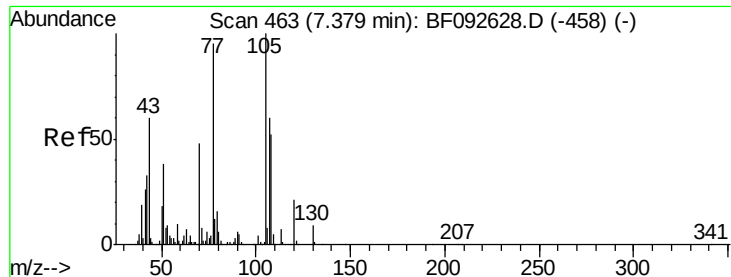
#18
Hexachloroethane
Concen: 40.05 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:117 Resp: 156586
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 77.7 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

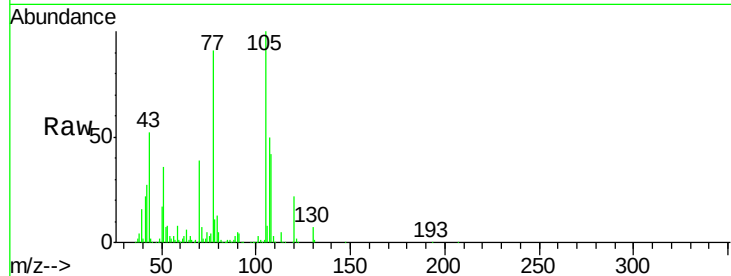




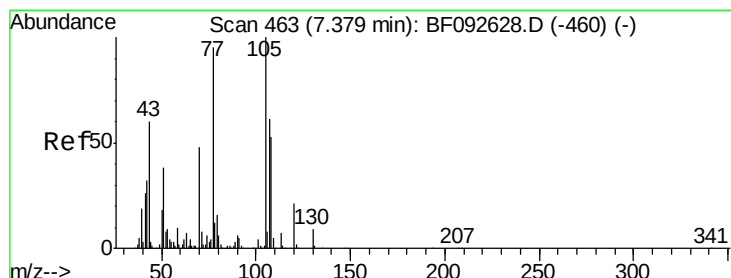
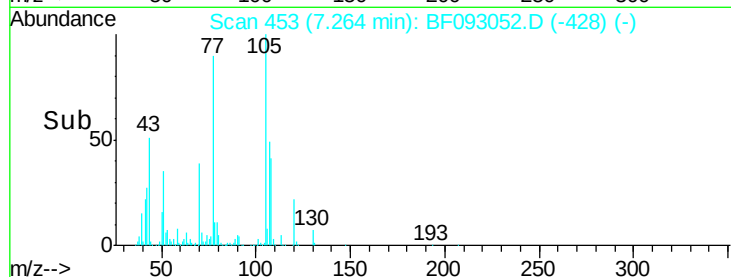
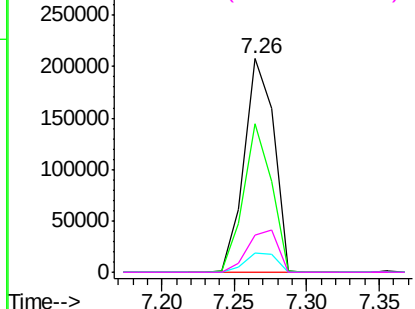
#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Tgt Ion: 70 Resp: 296343
Ion Ratio Lower Upper
70 100
42 69.3 49.4 74.0
101 9.0 7.4 11.2
130 17.5 14.2 21.4

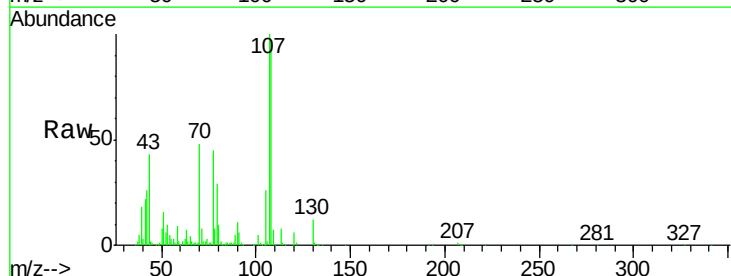


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

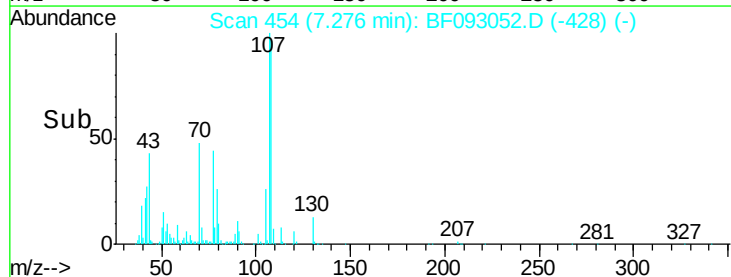
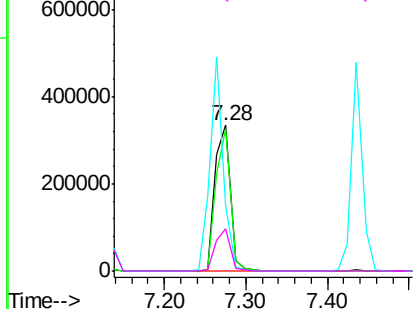


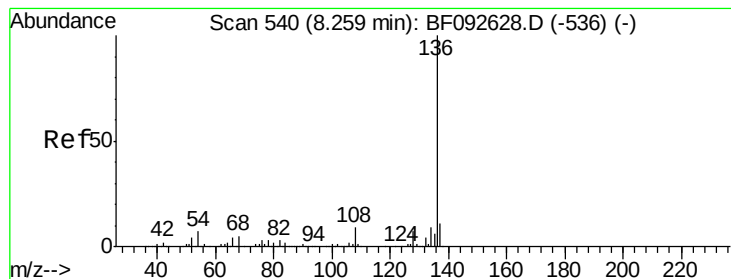
#20
3+4-Methylphenols
Concen: 44.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion: 107 Resp: 438559
Ion Ratio Lower Upper
107 100
108 97.3 73.0 113.0
77 45.0 71.3 111.3#
79 29.0 11.1 51.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

Tgt Ion:136 Resp: 580674

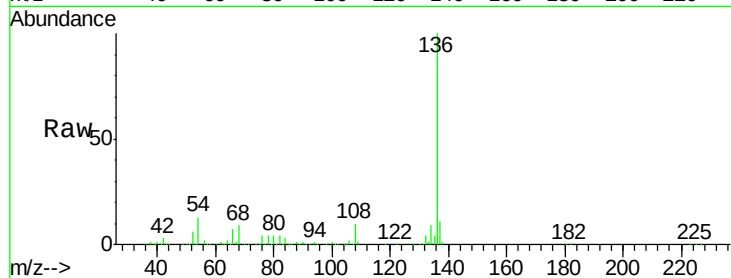
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.6 4.5 6.7#

68 8.6 3.6 5.4#



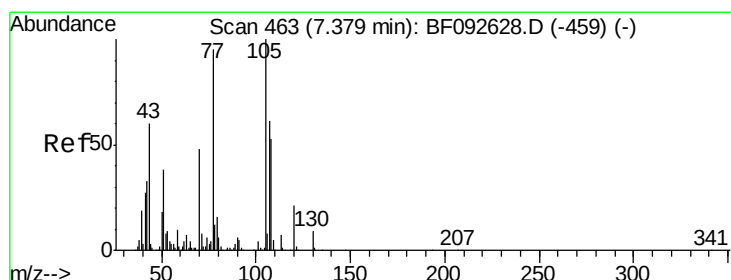
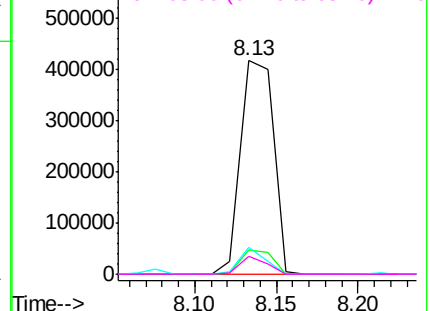
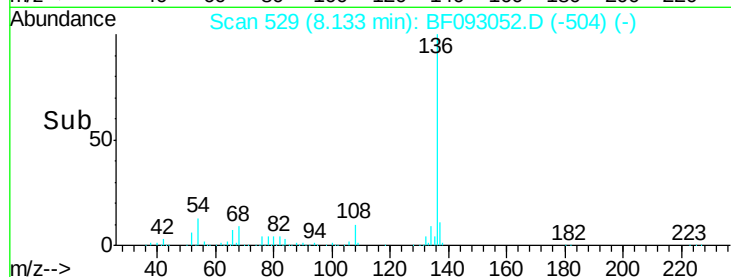
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.07 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Tgt Ion:105 Resp: 571065

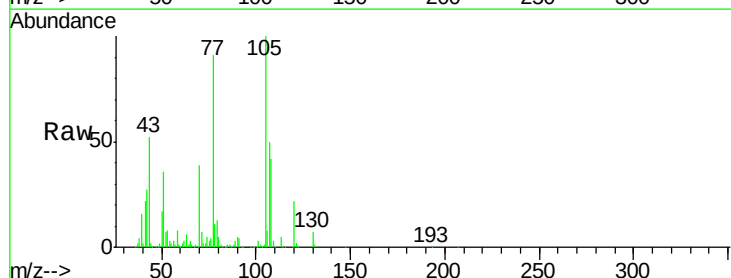
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 35.8 26.2 39.4

120 22.2 16.6 24.8



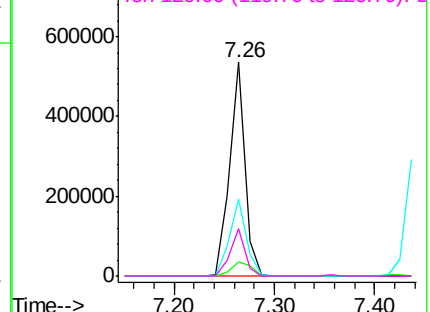
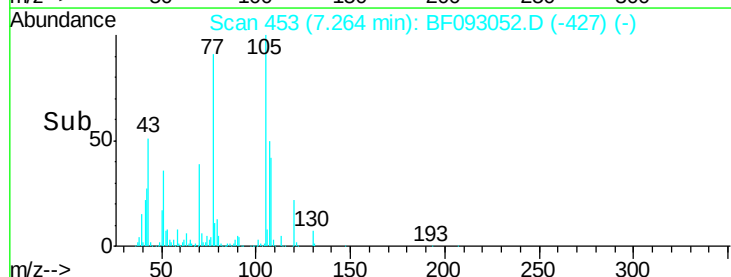
Abundance

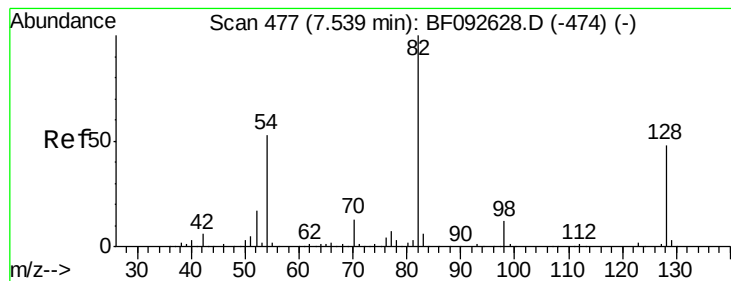
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.37 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

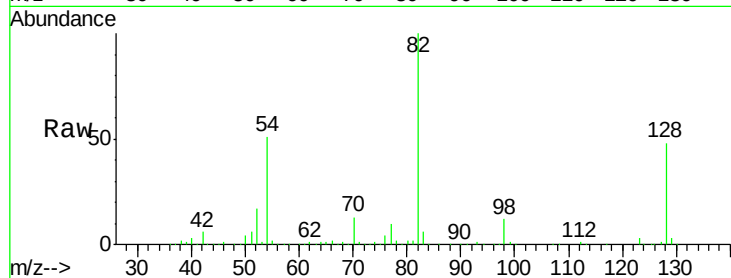
Tgt Ion: 82 Resp: 921504

Ion Ratio Lower Upper

82 100

128 48.3 34.6 52.0

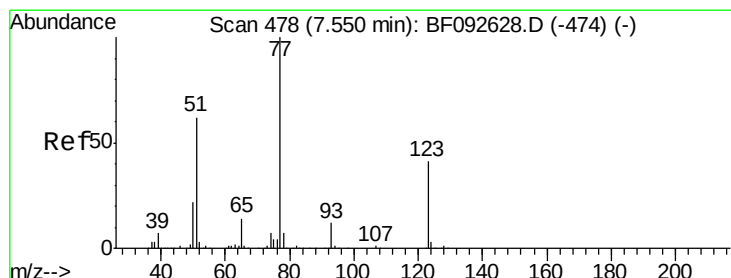
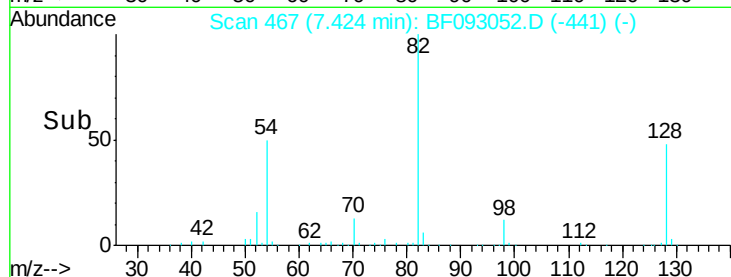
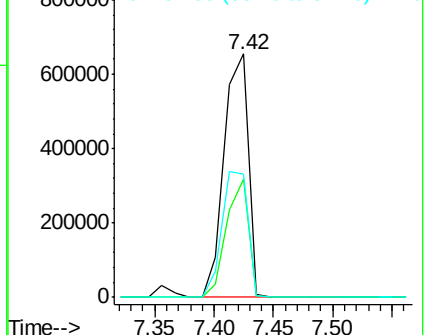
54 50.7 39.5 59.3



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: 40.79 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

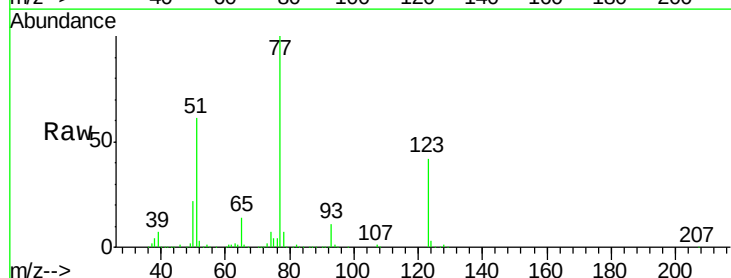
Tgt Ion: 77 Resp: 436745

Ion Ratio Lower Upper

77 100

123 42.5 33.0 49.4

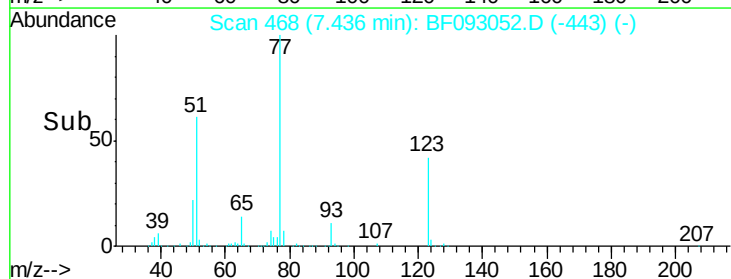
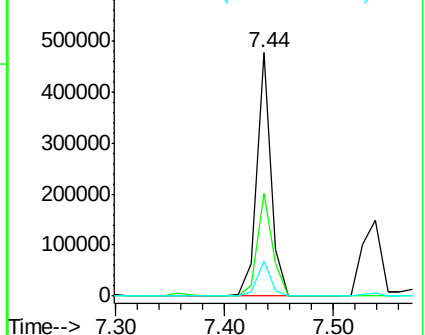
65 14.2 11.2 16.8

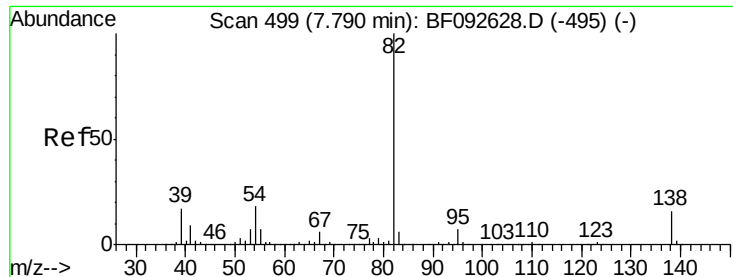


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.72 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

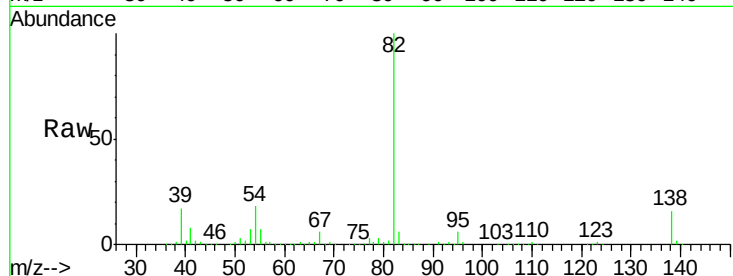
Tgt Ion: 82 Resp: 830029

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

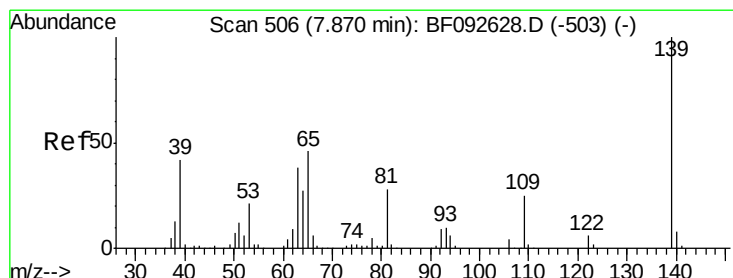
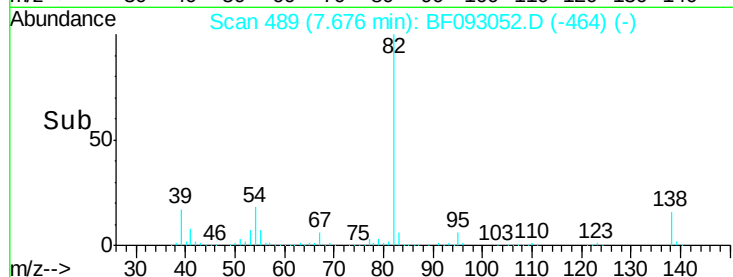
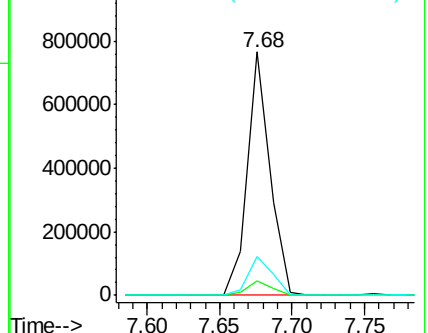
138 15.8 14.6 22.0



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: 47.57 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

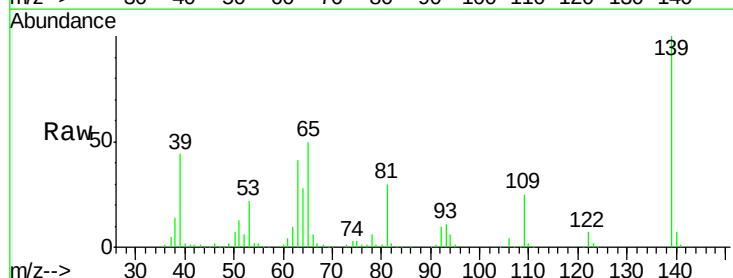
Tgt Ion: 139 Resp: 242097

Ion Ratio Lower Upper

139 100

109 25.1 23.3 34.9

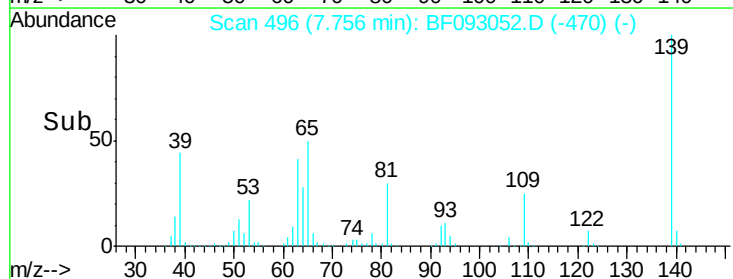
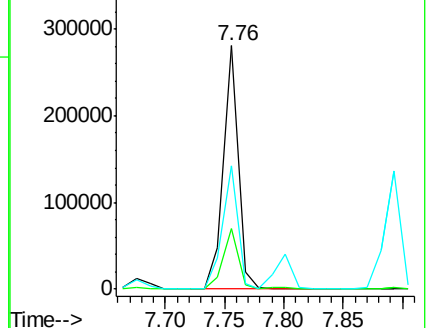
65 50.4 42.7 64.1

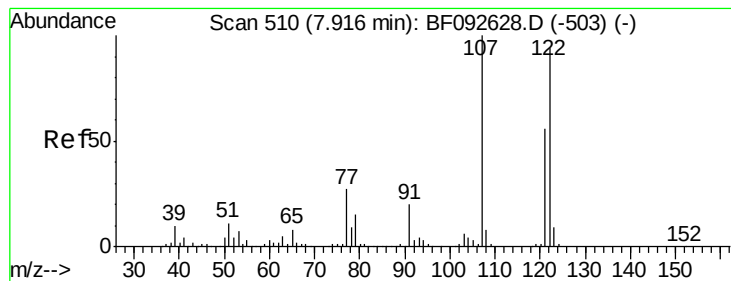


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.96 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

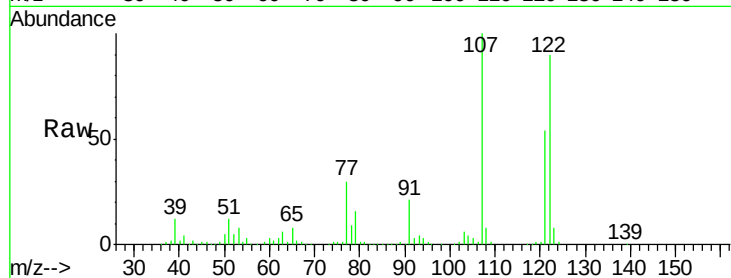
Tgt Ion:122 Resp: 419740

Ion Ratio Lower Upper

122 100

107 110.9 94.1 141.1

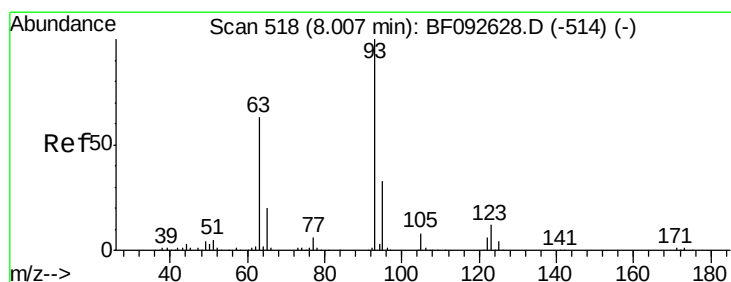
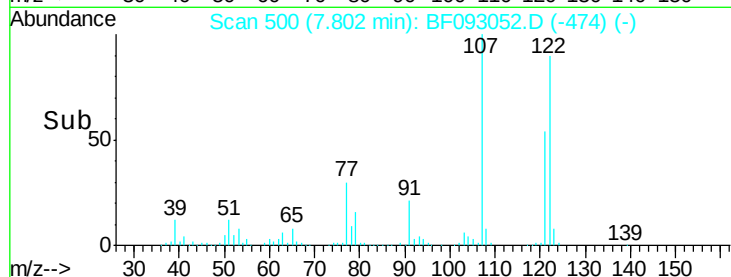
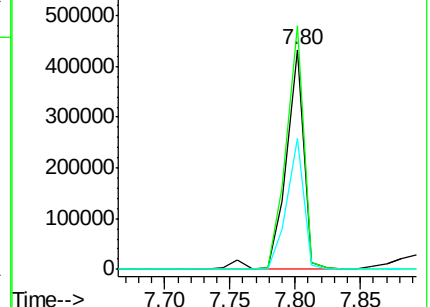
121 59.6 46.0 69.0



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: 44.31 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

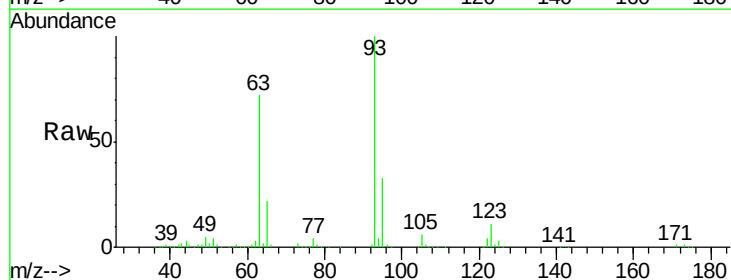
Tgt Ion: 93 Resp: 570219

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

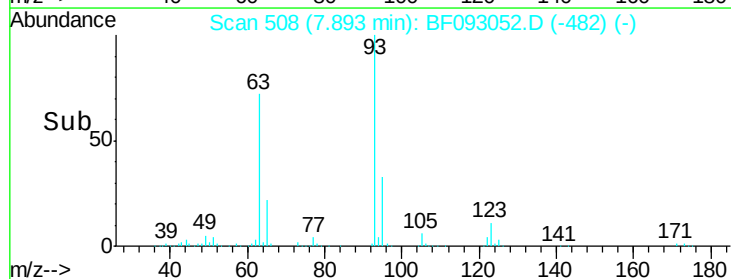
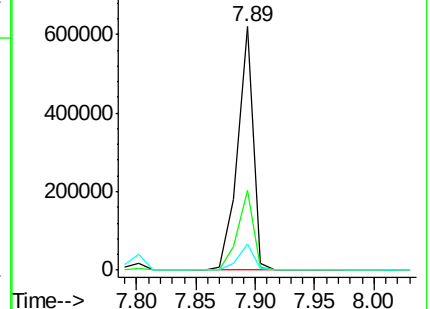
123 10.8 8.6 13.0

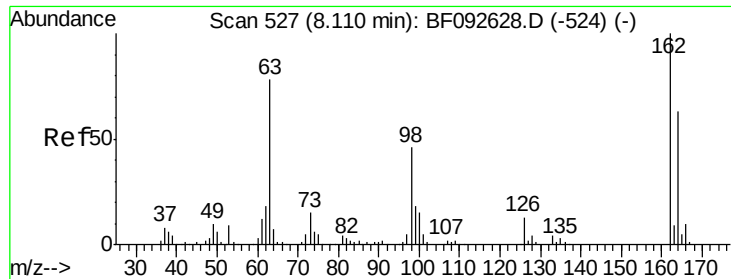


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

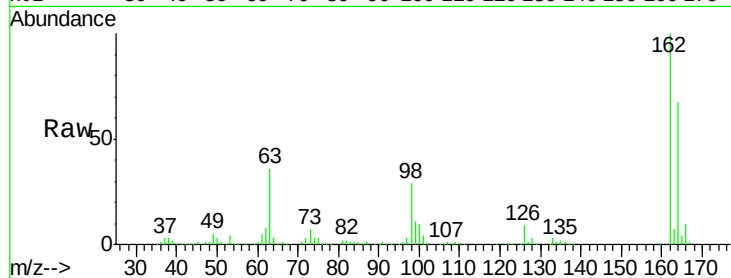




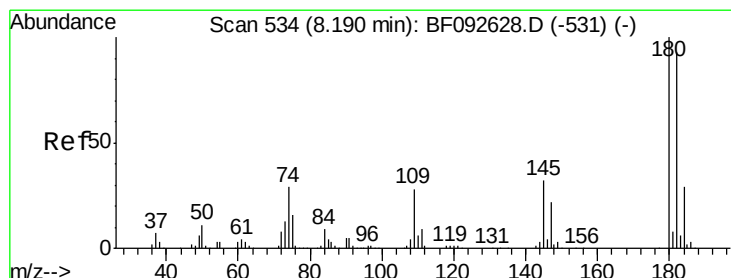
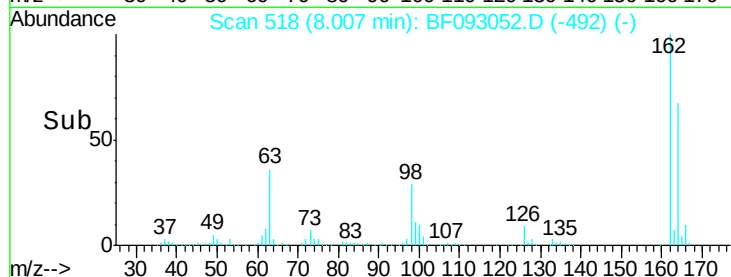
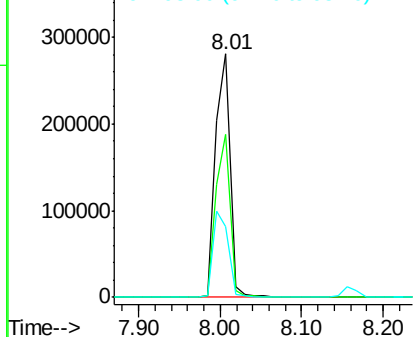
#29
 2,4-Dichlorophenol
 Concen: 41.92 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion:162 Resp: 349434
 Ion Ratio Lower Upper
 162 100
 164 66.7 46.8 86.8
 98 29.0 9.1 49.1

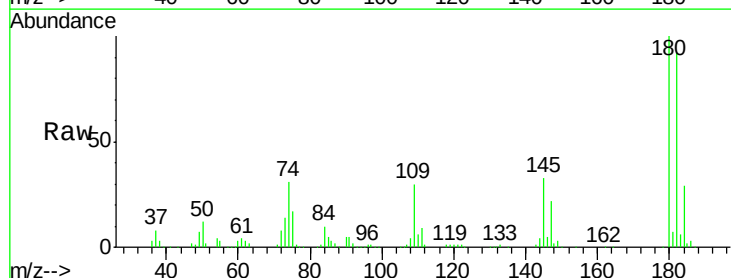


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

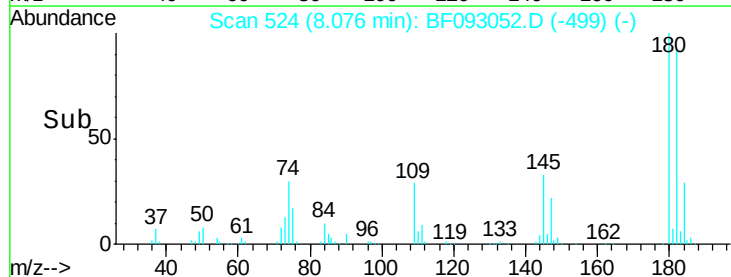
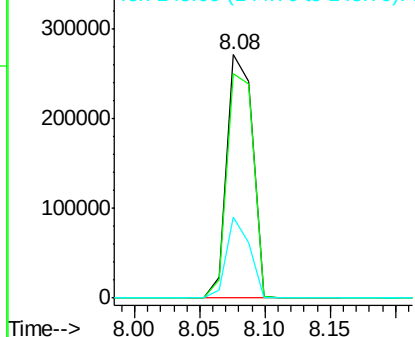


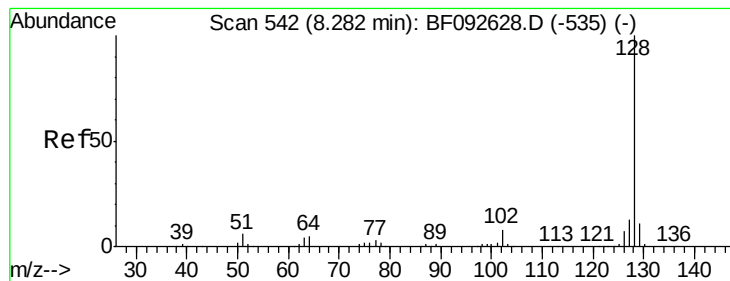
#30
 1,2,4-Trichlorobenzene
 Concen: 41.12 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion:180 Resp: 369412
 Ion Ratio Lower Upper
 180 100
 182 92.3 78.2 117.4
 145 33.3 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: 39.73 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

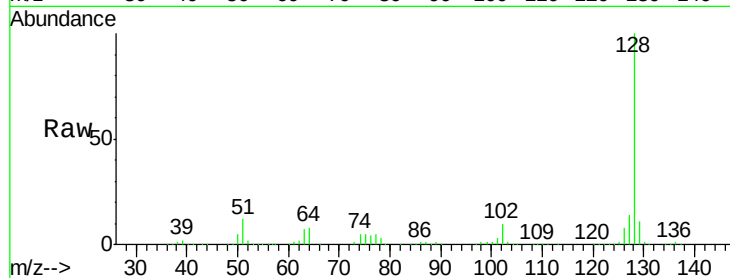
Tgt Ion:128 Resp: 1169359

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

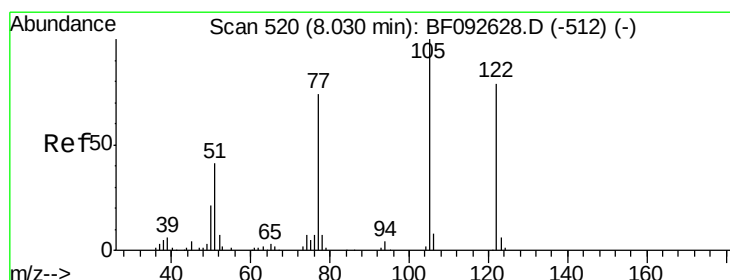
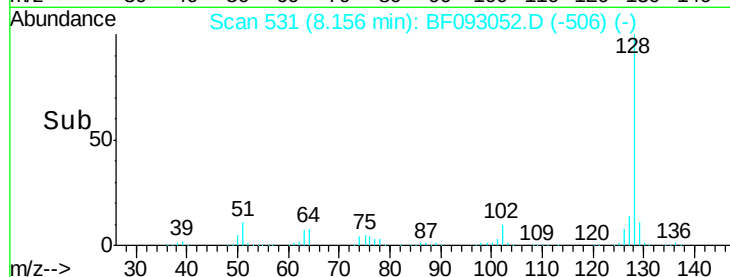
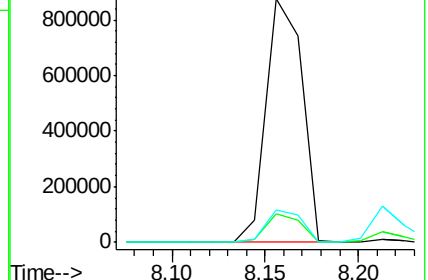
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.83 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

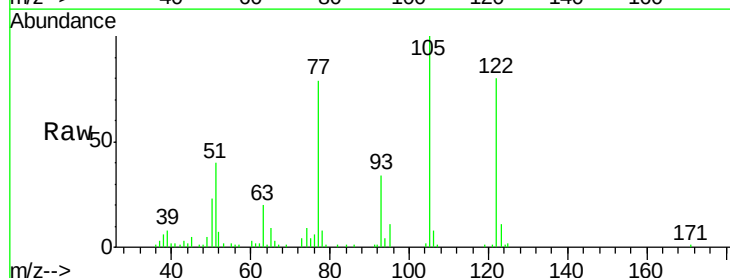
Tgt Ion:122 Resp: 111129

Ion Ratio Lower Upper

122 100

105 124.9 107.2 147.2

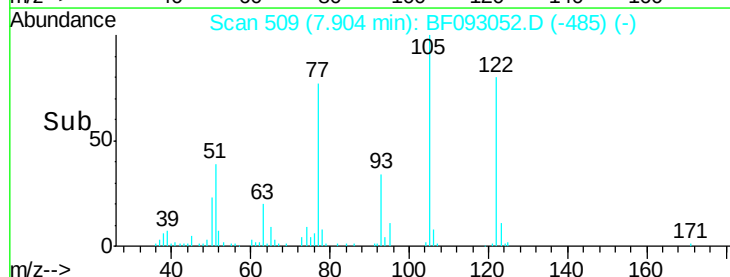
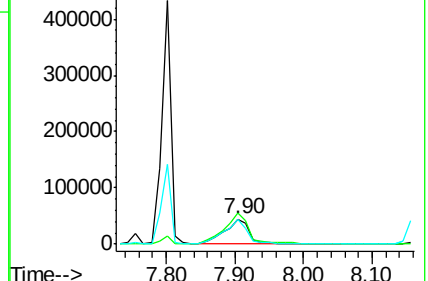
77 99.2 74.5 114.5

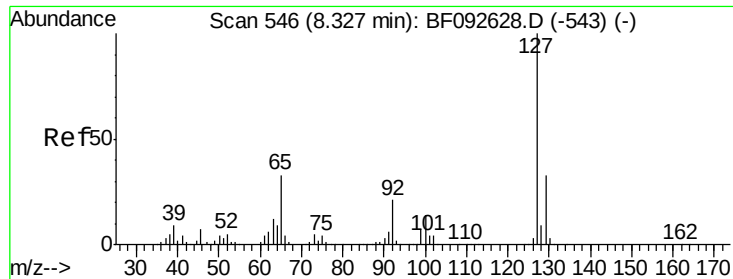


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

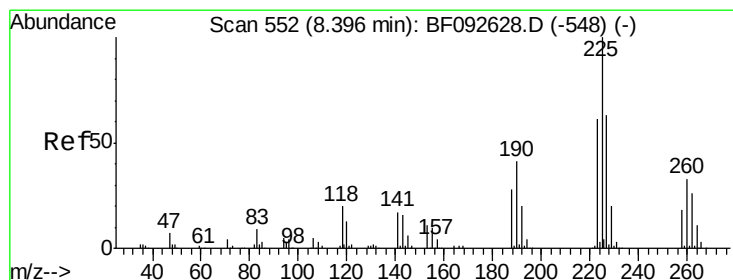
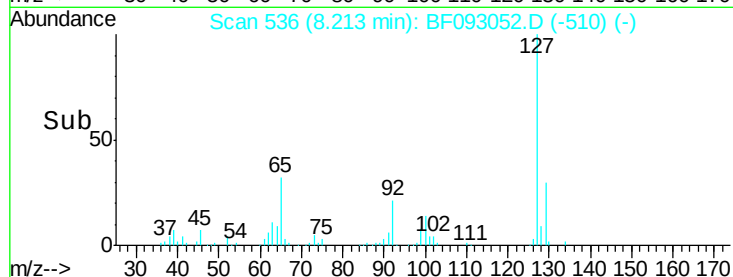
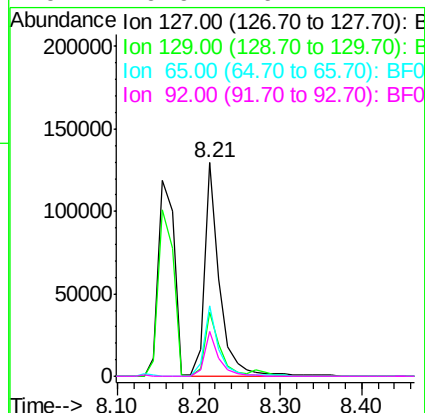
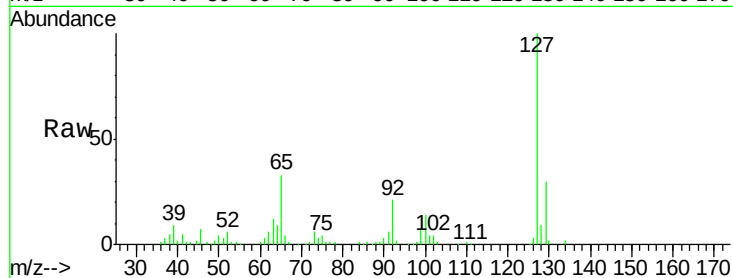




#33
4-Chloroaniline
Concen: 14.47 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

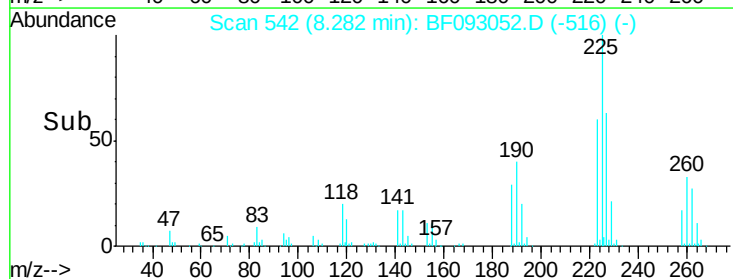
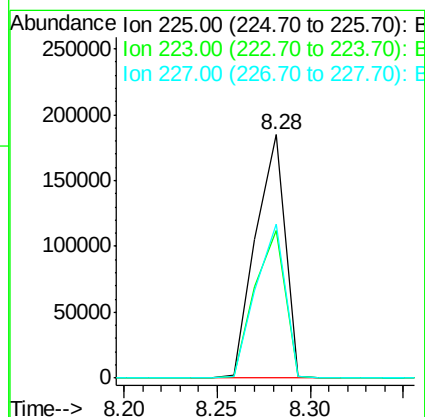
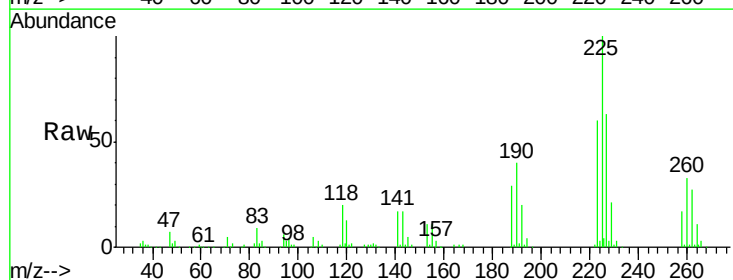
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

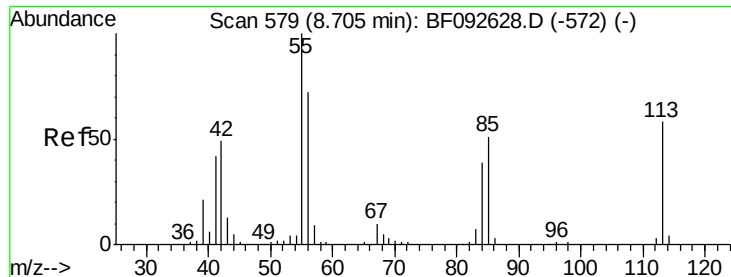
Tgt Ion:	127	Resp:	167027
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.3	39.5
65	33.2	25.8	38.8
92	20.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:	225	Resp:	202251
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	63.1	50.6	76.0

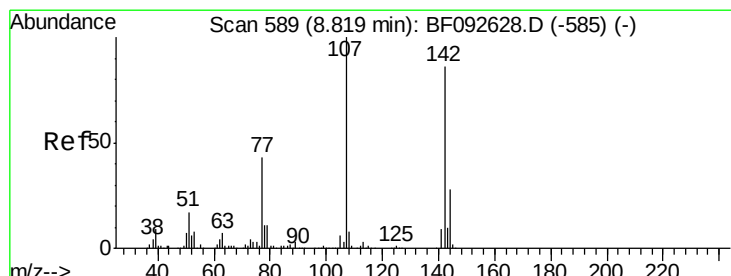
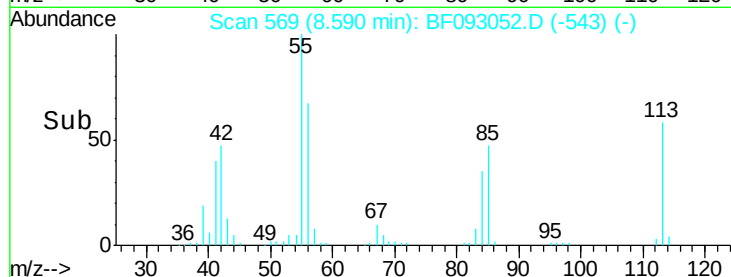
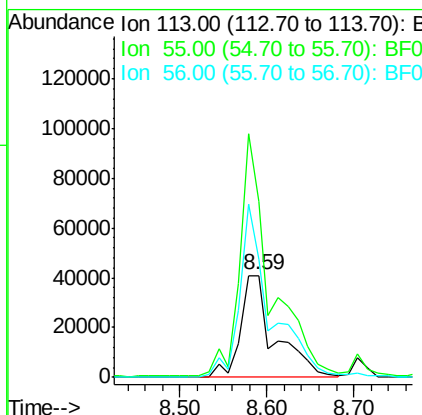
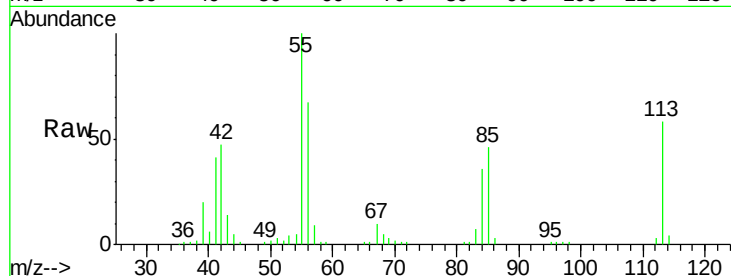




#35
 Caprolactam
 Concen: 42.88 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

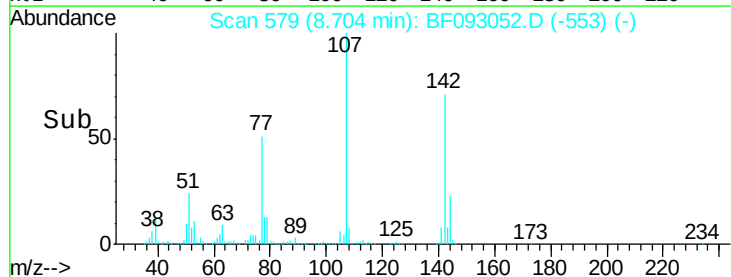
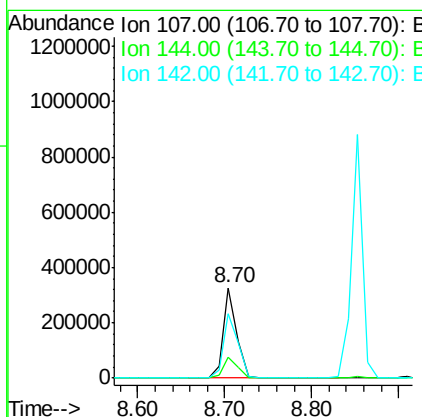
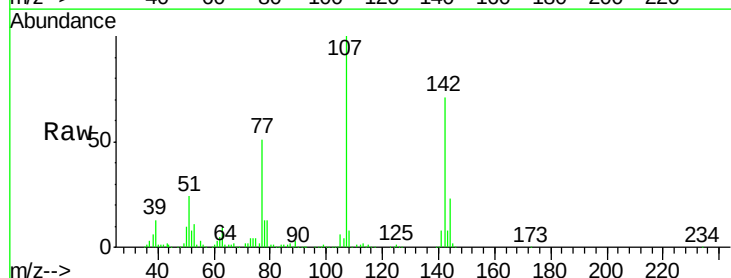
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

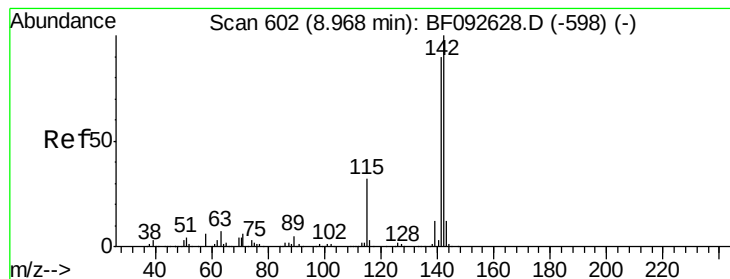
Tgt Ion:113 Resp: 112449
 Ion Ratio Lower Upper
 113 100
 55 172.4 119.2 159.2#
 56 115.4 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion:107 Resp: 351693
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 71.1 59.0 88.6

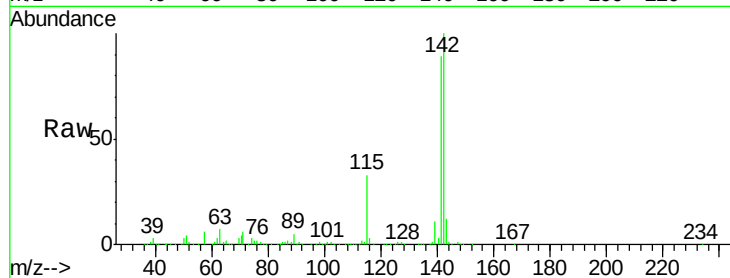




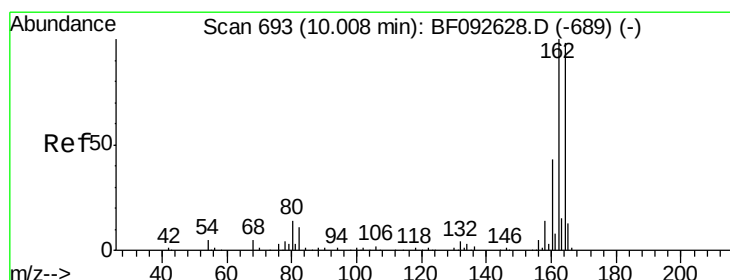
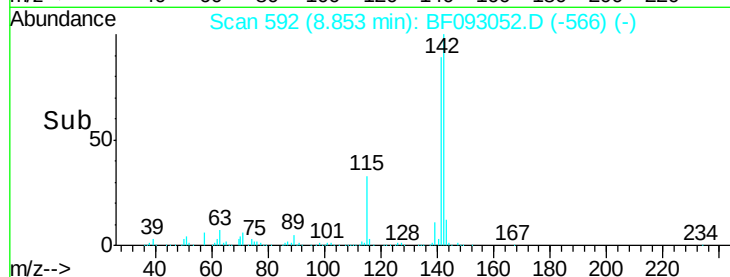
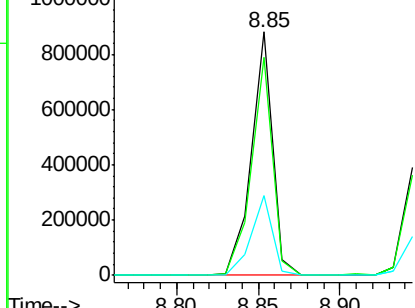
#37
2-Methylnaphthalene
Concen: 42.12 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	32.8	28.3	42.5

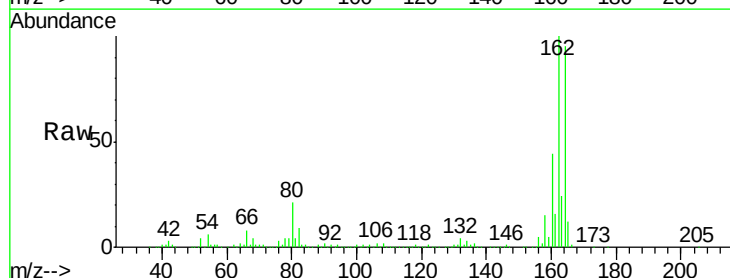


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

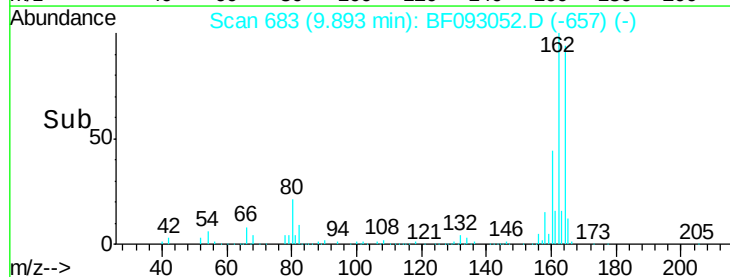
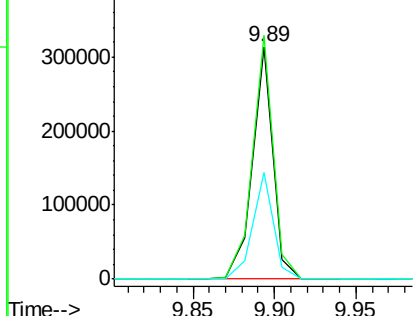


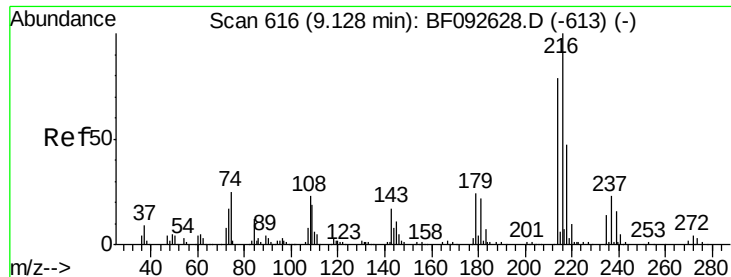
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	45.9	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

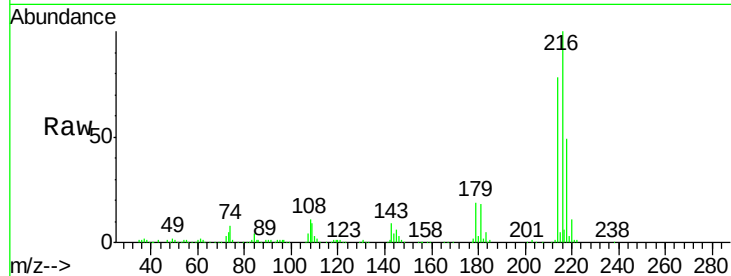




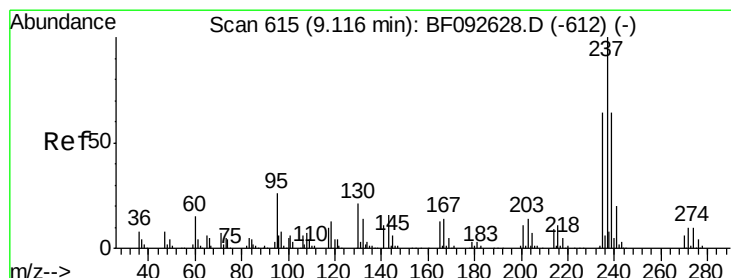
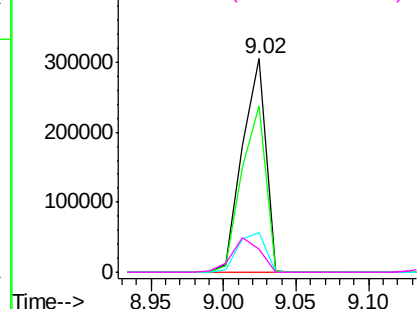
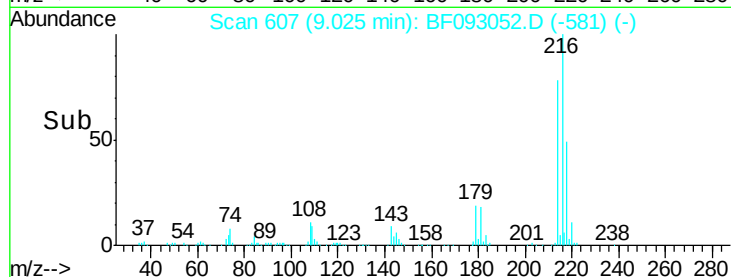
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.76 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion:	216	Resp:	343645
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.5	17.4	26.2
108	19.9	15.6	23.4

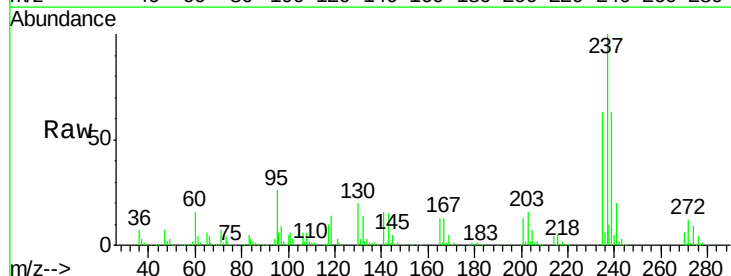


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

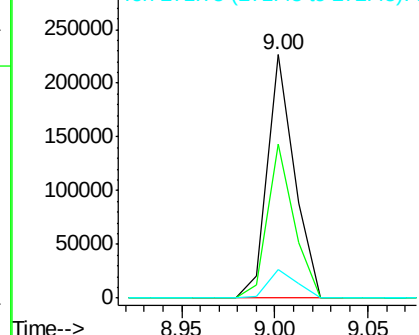
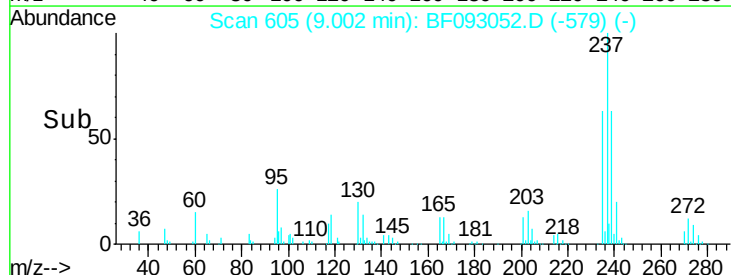


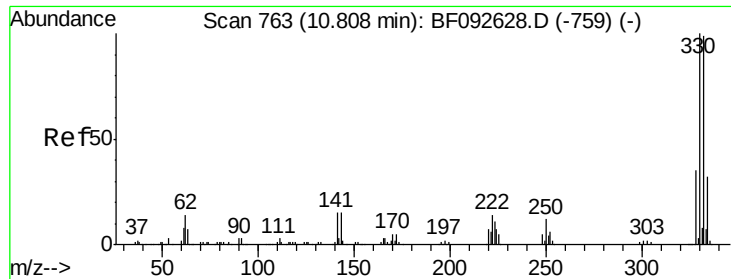
#40
 Hexachlorocyclopentadiene
 Concen: 66.41 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion:	237	Resp:	230057
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	11.5	0.0	35.4



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

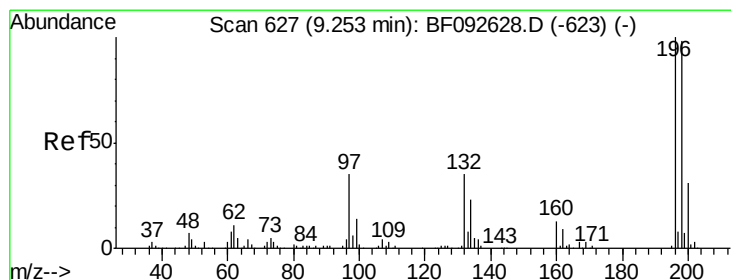
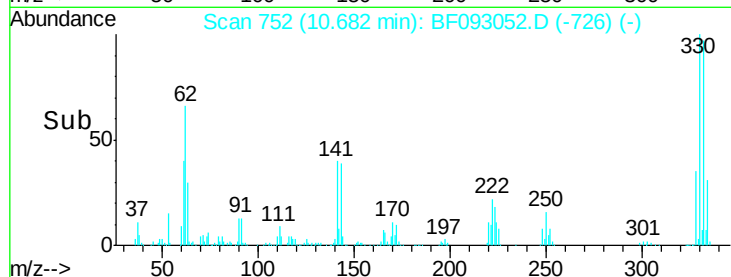
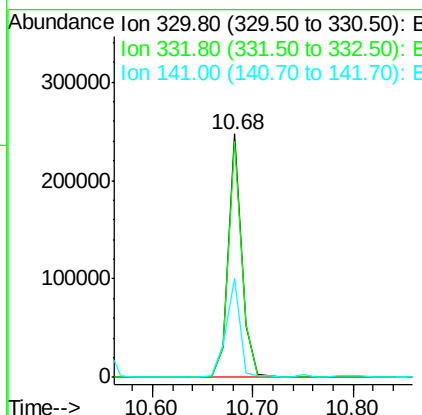
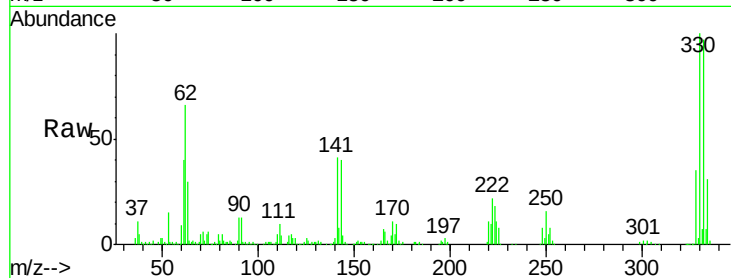




#41
 2,4,6-Tribromophenol
 Concen: 117.31 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

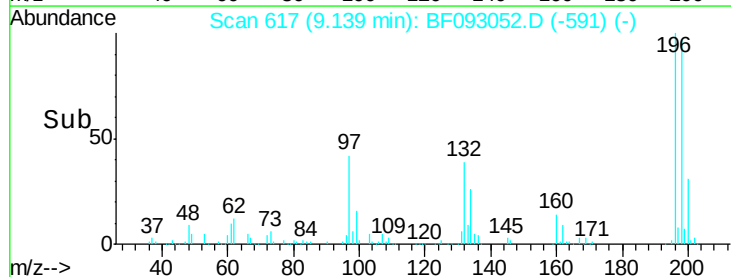
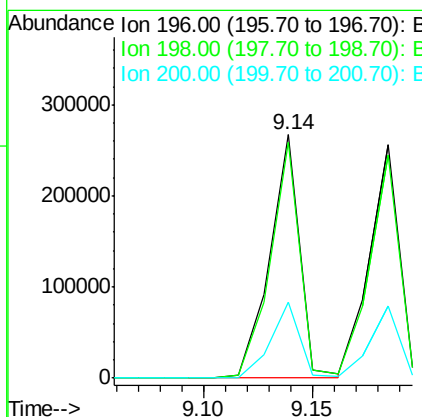
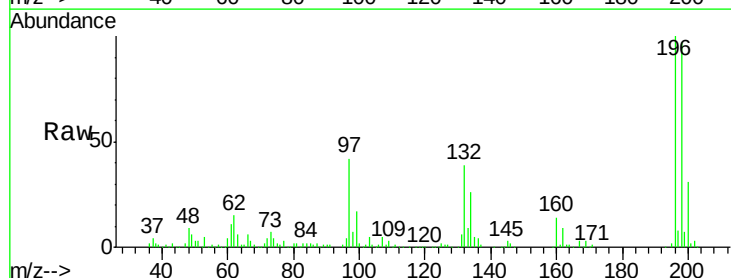
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

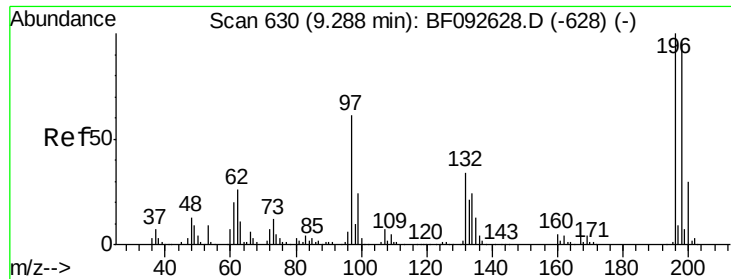
Tgt Ion:330 Resp: 232073
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 41.1 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 51.36 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion:196 Resp: 259146
 Ion Ratio Lower Upper
 196 100
 198 96.8 82.1 123.1
 200 31.2 27.0 40.4

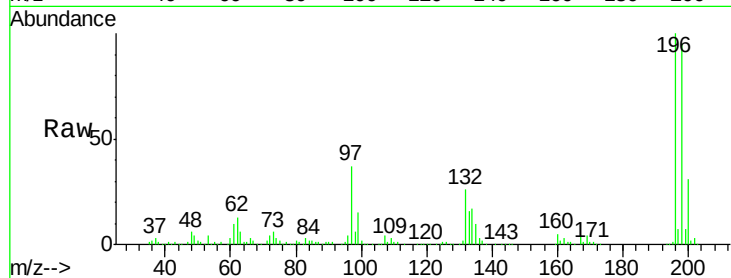




#43
 2,4,5-Trichlorophenol
 Concen: 44.78 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion	Resp	Lower	Upper
196	247555		
198	95.5	79.4	119.2
97	37.5	51.5	77.3#
132	26.1	27.4	41.2#



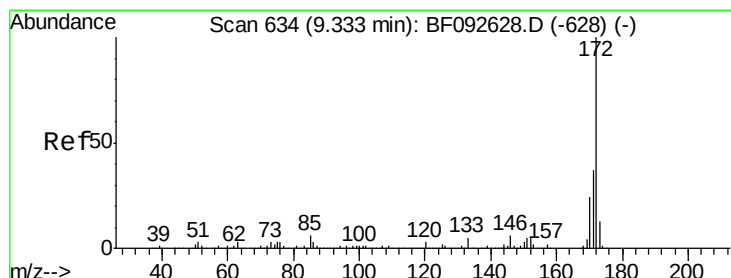
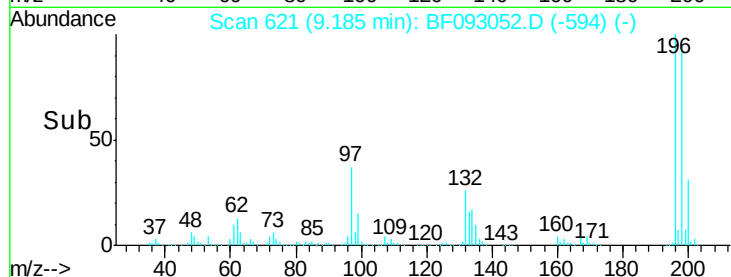
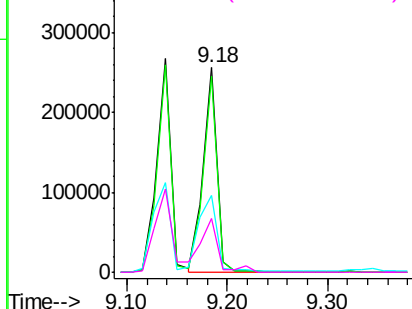
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

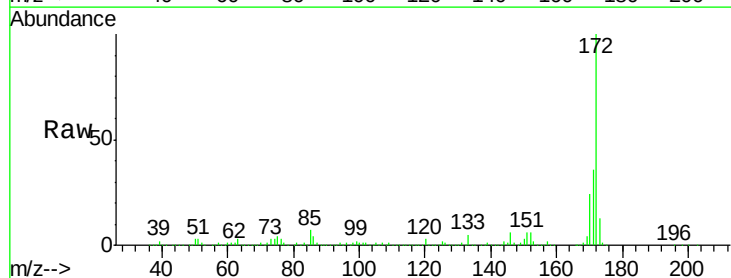
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.63 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion	Resp	Lower	Upper
172	1489110		
171	36.2	29.4	44.0
170	24.4	20.2	30.4

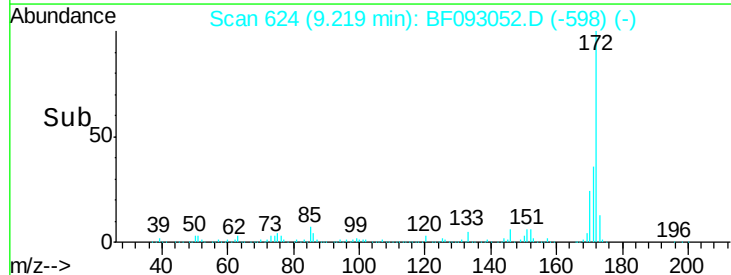
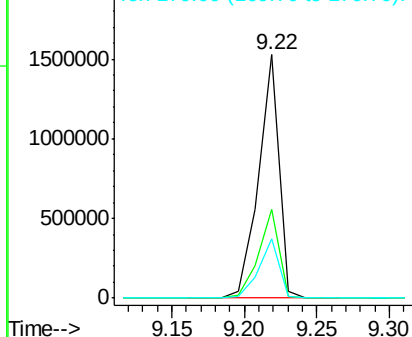


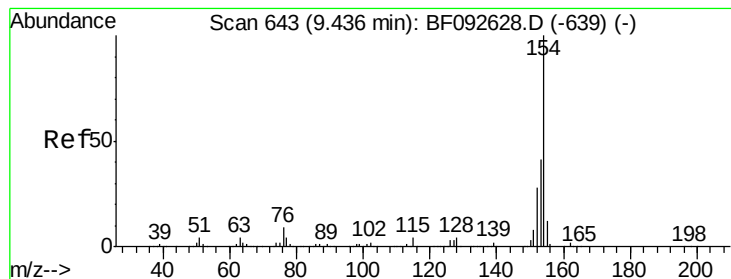
Abundance

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: 47.33 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

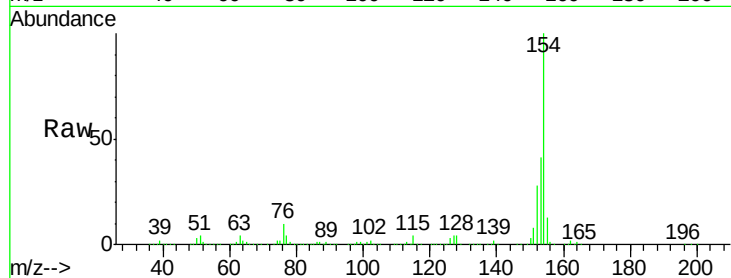
Tgt Ion:154 Resp: 937430

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

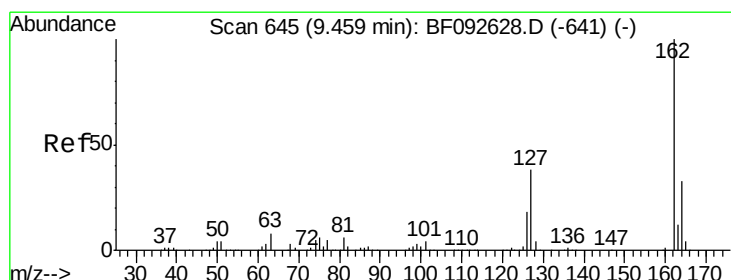
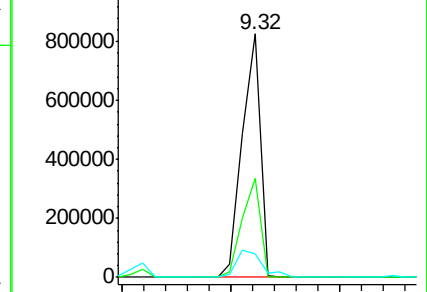
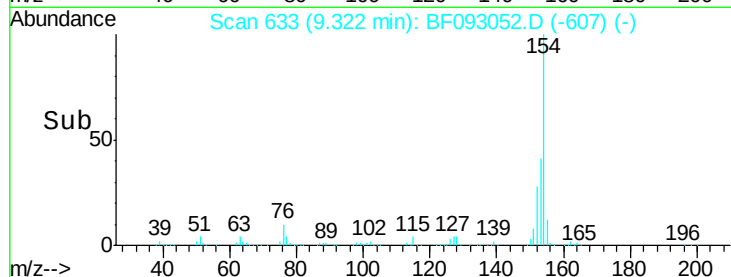
76 9.7 0.0 30.5



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: 49.30 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

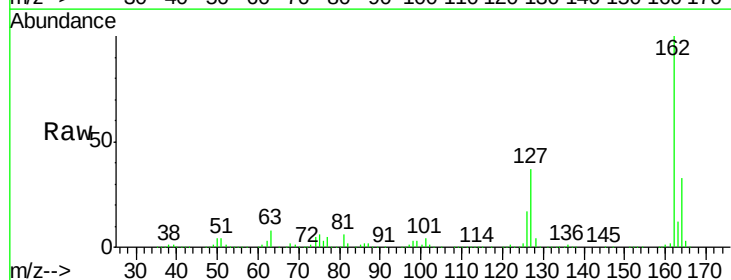
Tgt Ion:162 Resp: 763839

Ion Ratio Lower Upper

162 100

127 36.8 30.7 46.1

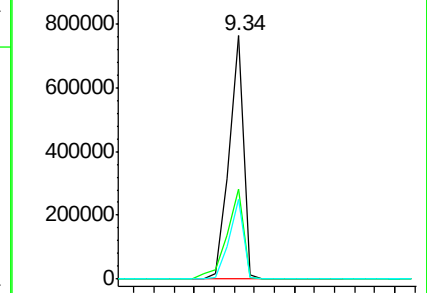
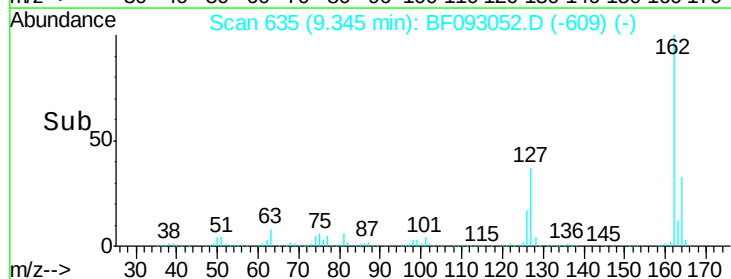
164 32.9 27.6 41.4

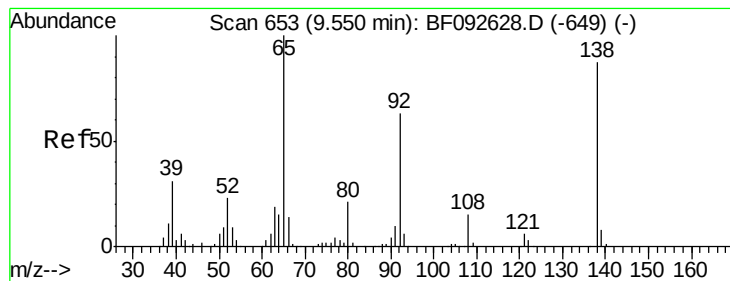


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.56 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

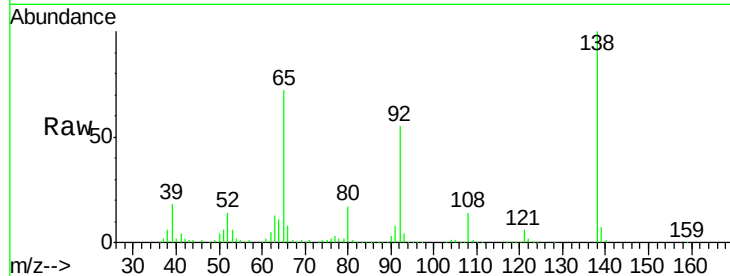
Tgt Ion: 65 Resp: 242542

Ion Ratio Lower Upper

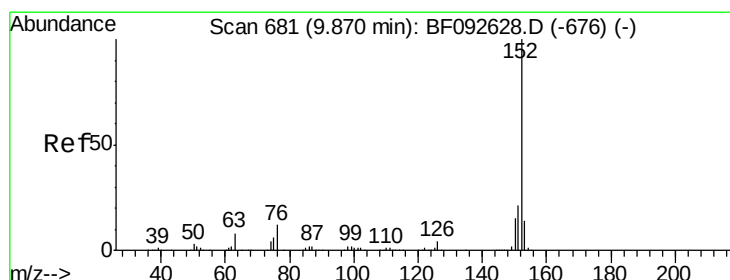
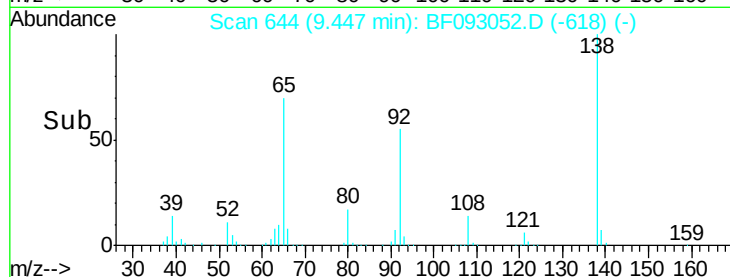
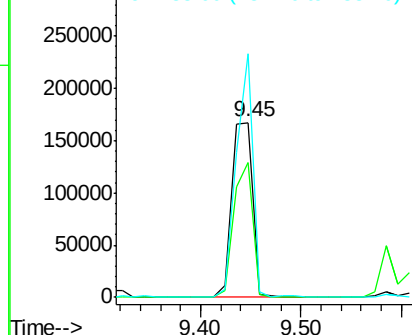
65 100

92 77.1 53.9 80.9

138 139.5 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: 41.97 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

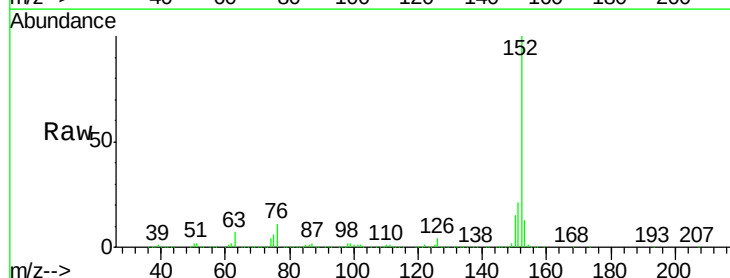
Tgt Ion: 152 Resp: 1123430

Ion Ratio Lower Upper

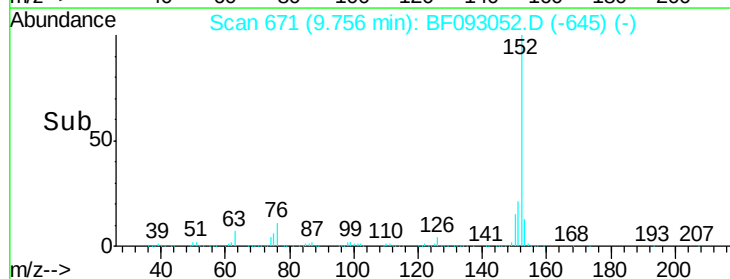
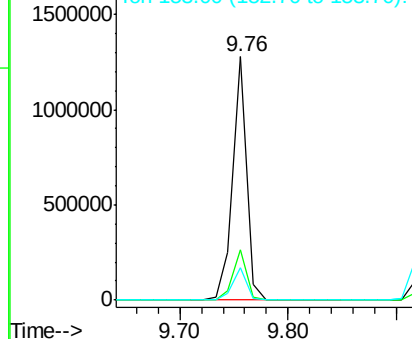
152 100

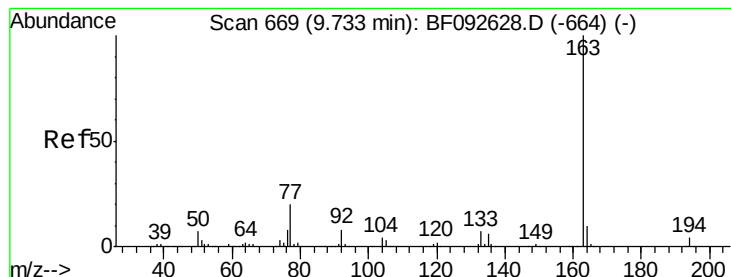
151 20.8 16.9 25.3

153 13.3 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: 65.17 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

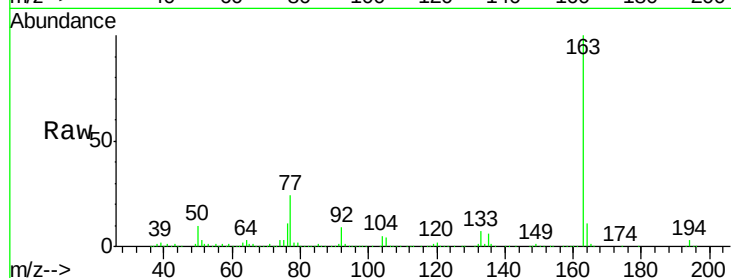
Tgt Ion:163 Resp: 1200594

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

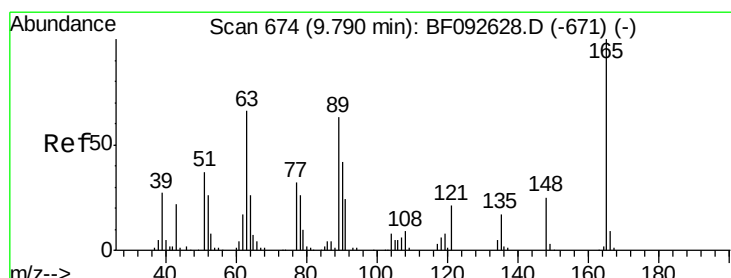
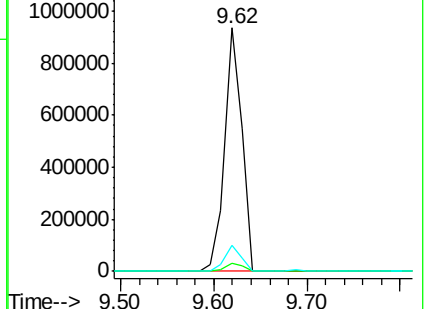
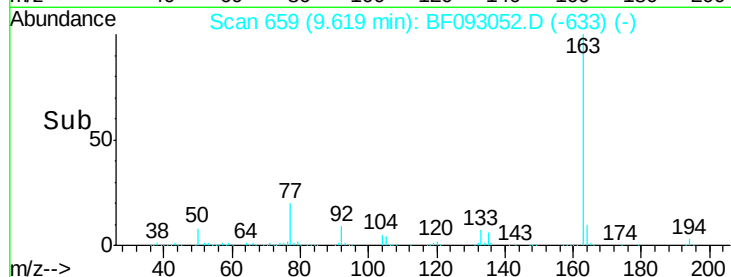
164 10.6 8.0 12.0



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: 50.71 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

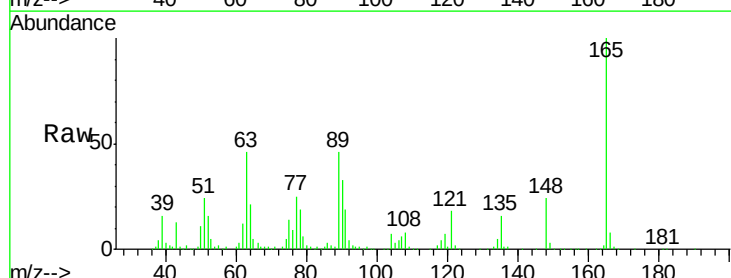
Tgt Ion:165 Resp: 201760

Ion Ratio Lower Upper

165 100

63 46.3 36.2 54.4

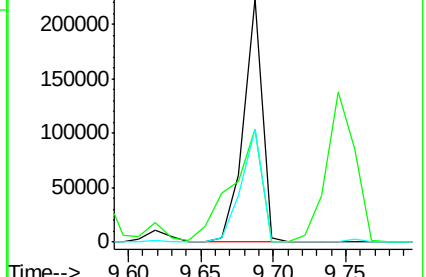
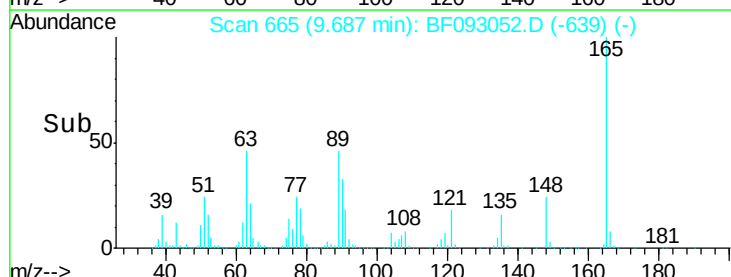
89 46.4 40.2 60.4

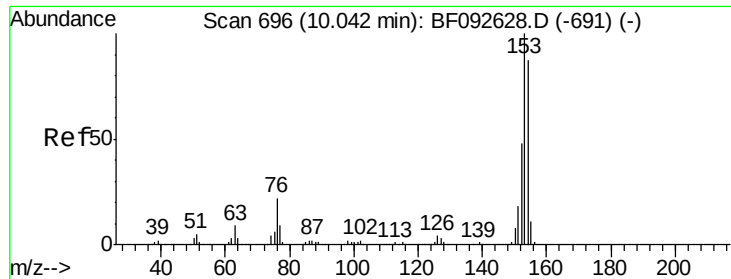


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.30 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

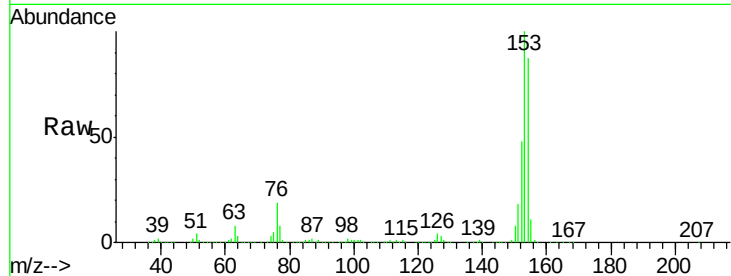
Tgt Ion:154 Resp: 676933

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

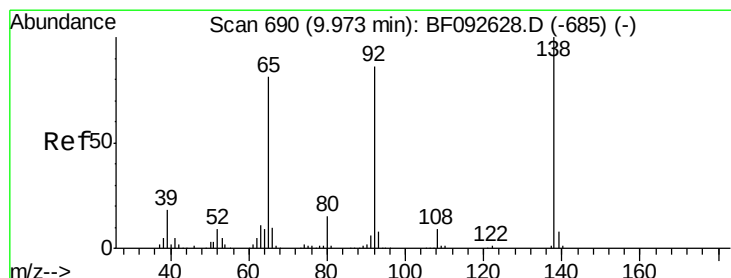
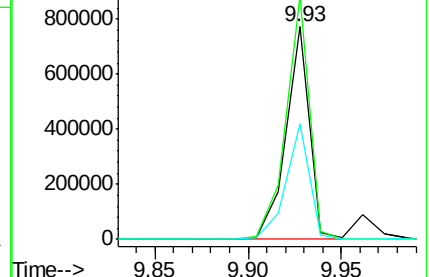
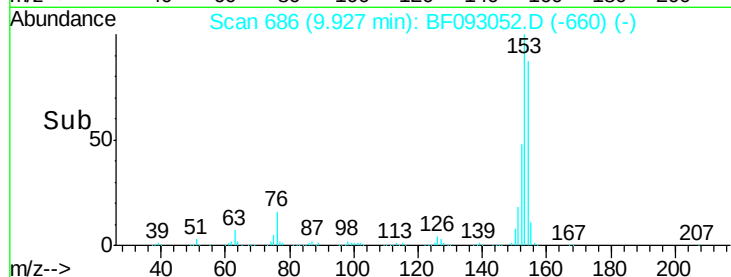
152 54.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.05 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

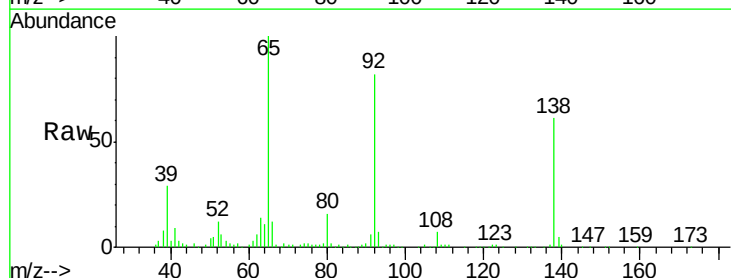
Tgt Ion:138 Resp: 123155

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

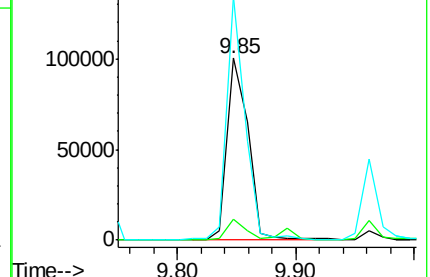
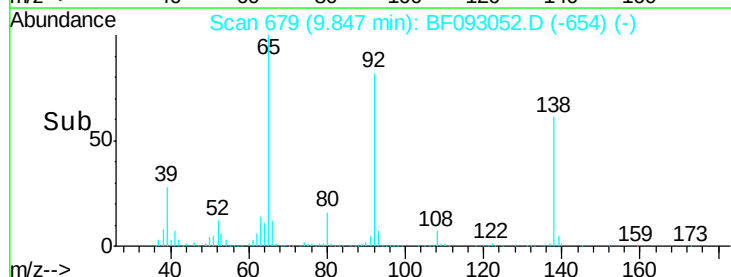
92 134.1 97.8 146.8

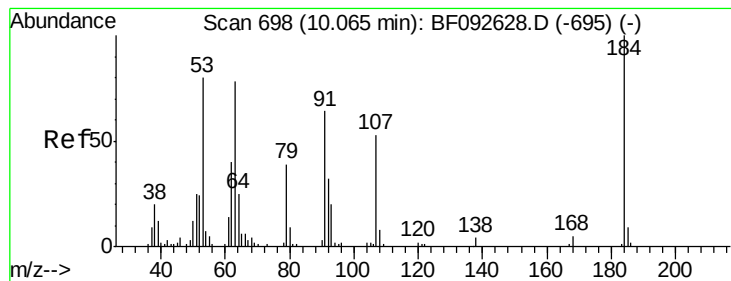


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 70.98 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

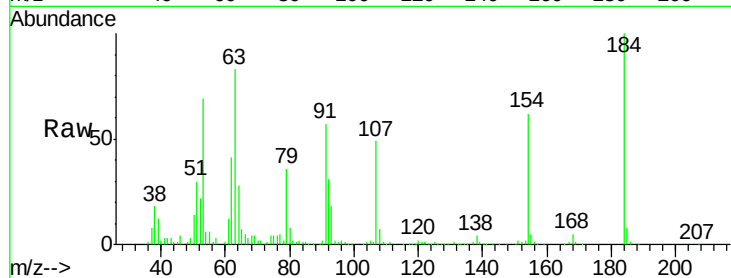
Tgt Ion:184 Resp: 142522

Ion Ratio Lower Upper

184 100

63 82.9 28.4 42.6#

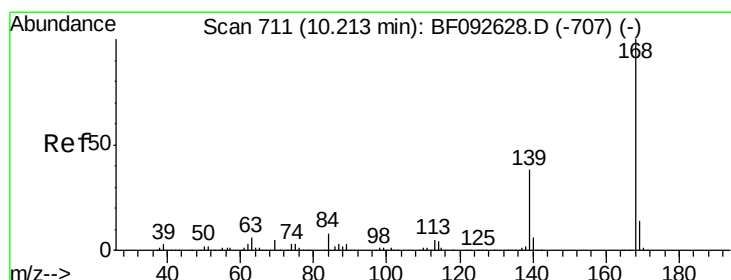
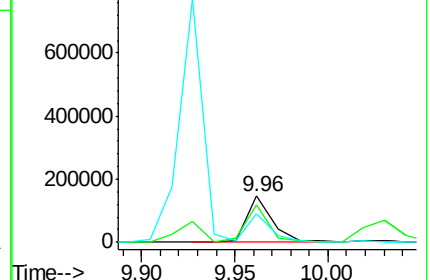
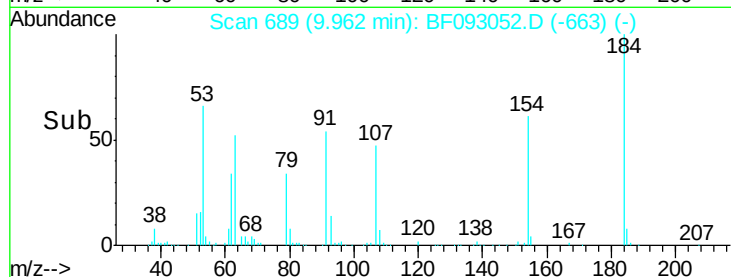
154 61.6 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.76 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

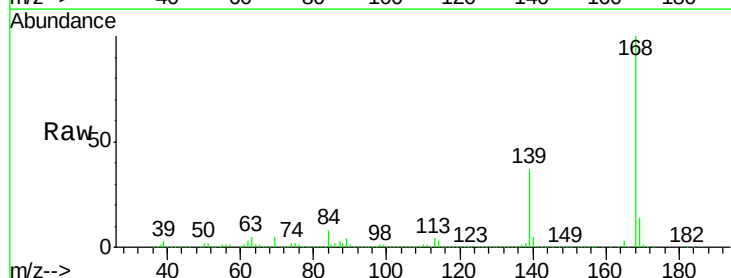
Tgt Ion:168 Resp: 958103

Ion Ratio Lower Upper

168 100

139 36.8 32.6 49.0

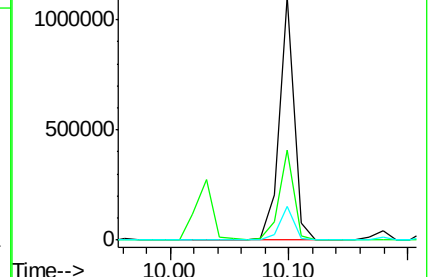
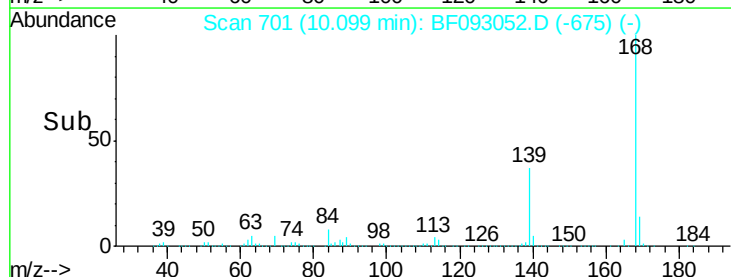
169 13.7 11.3 16.9

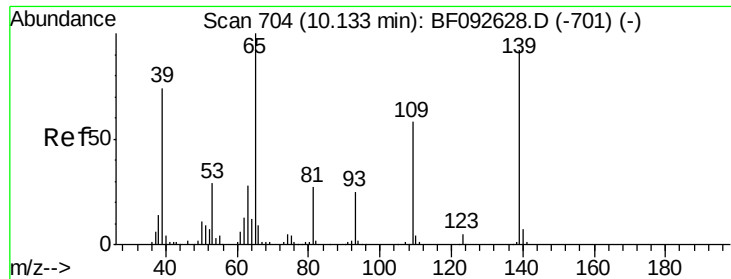


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

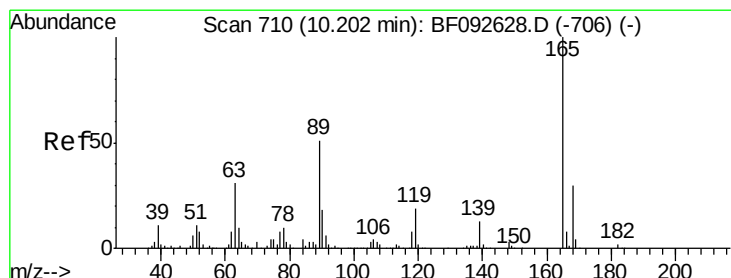
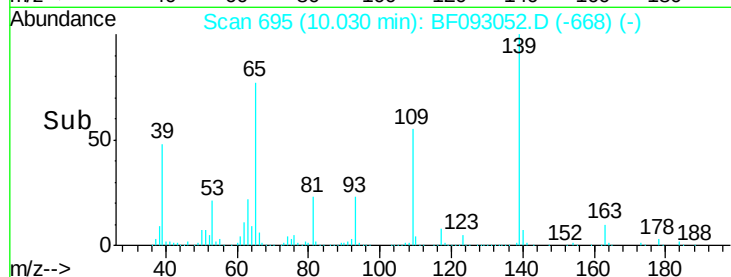
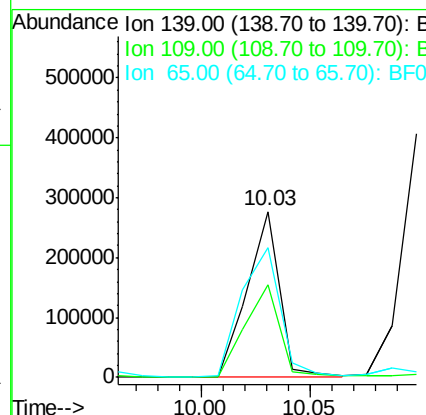
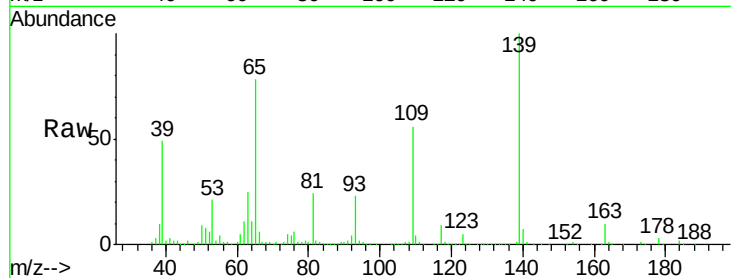




#55
4-Nitrophenol
Concen: 87.28 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

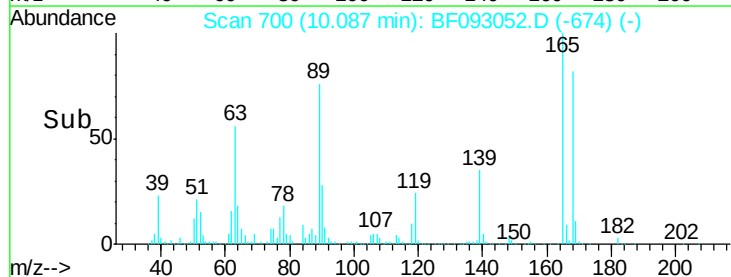
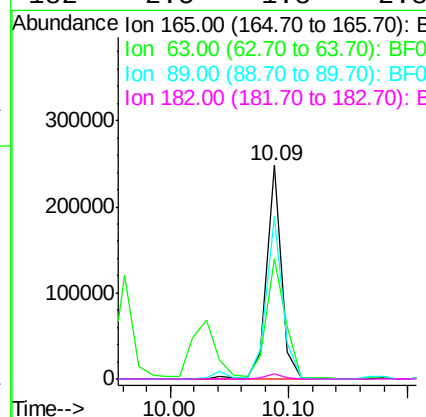
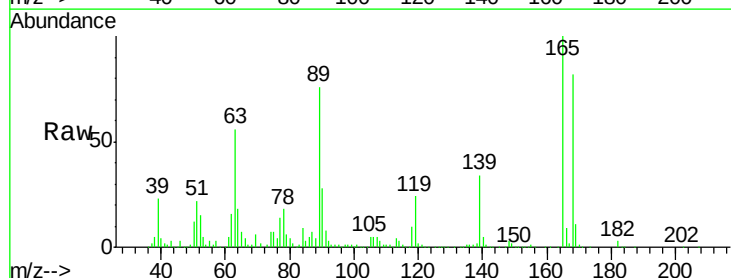
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

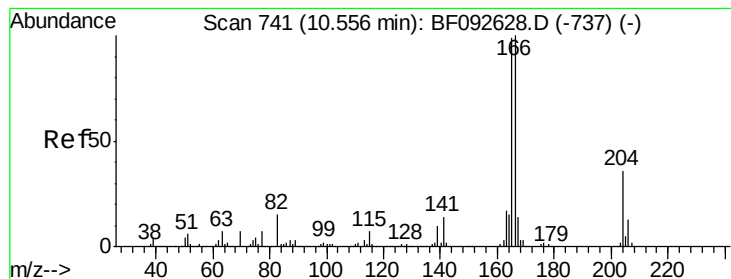
Tgt Ion:139 Resp: 286245
Ion Ratio Lower Upper
139 100
109 55.8 52.2 92.2
65 77.7 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 40.98 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:165 Resp: 217098
Ion Ratio Lower Upper
165 100
63 56.1 40.2 60.4
89 76.1 62.5 93.7
182 2.5 1.8 2.8





#57

Fluorene

Concen: 46.35 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

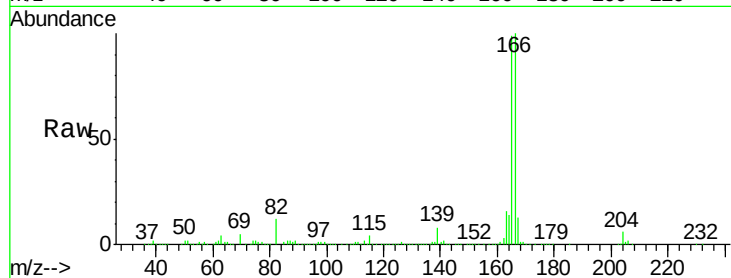
Tgt Ion:166 Resp: 763244

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

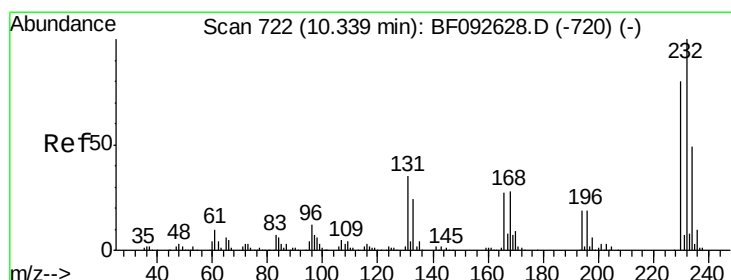
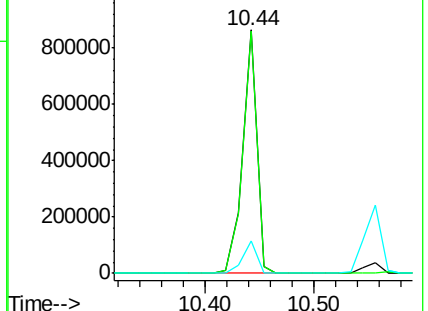
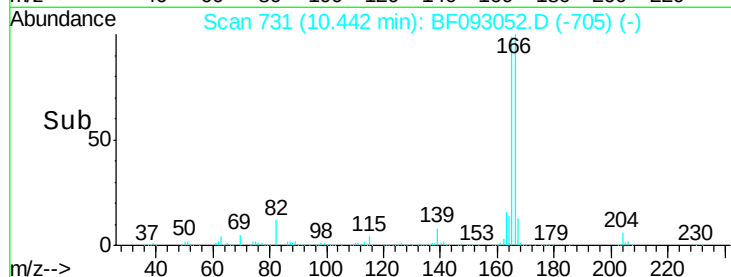
167 13.1 10.8 16.2



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: 48.38 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Tgt Ion:232 Resp: 178407

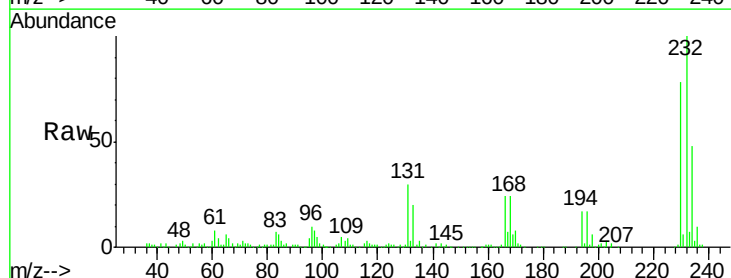
Ion Ratio Lower Upper

232 100

131 44.7 40.1 60.1

130 2.5 1.8 2.8

166 30.3 26.6 39.8

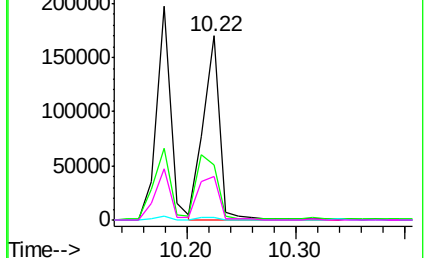
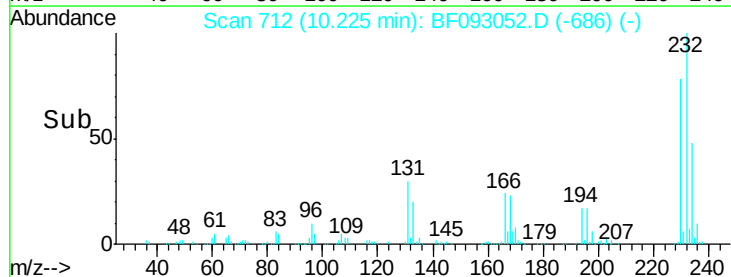


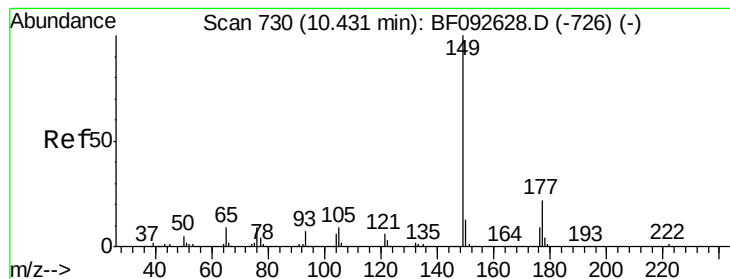
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.41 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

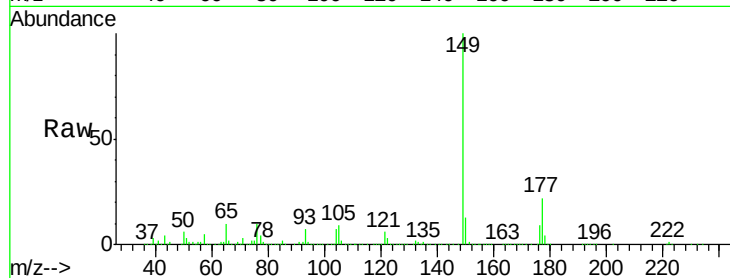
Tgt Ion:149 Resp: 788449

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

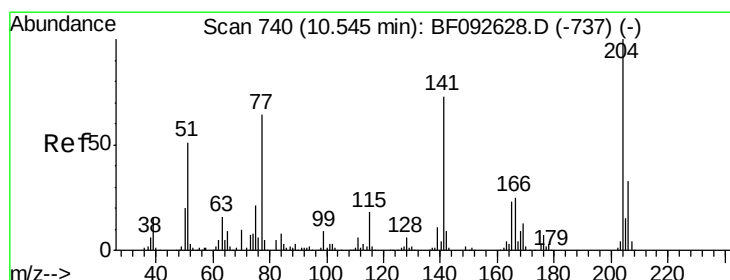
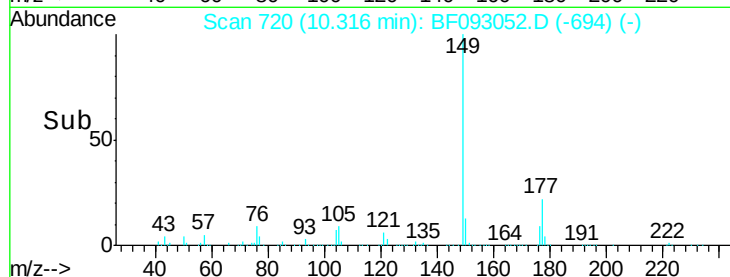
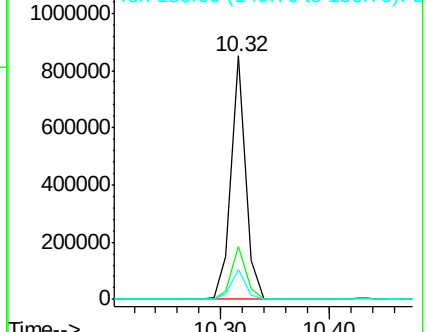
150 12.5 10.4 15.6



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: 41.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

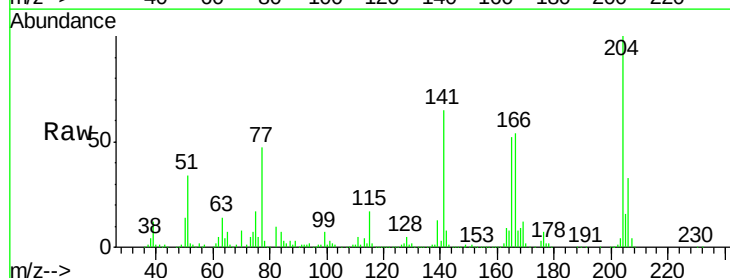
Tgt Ion:204 Resp: 327166

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

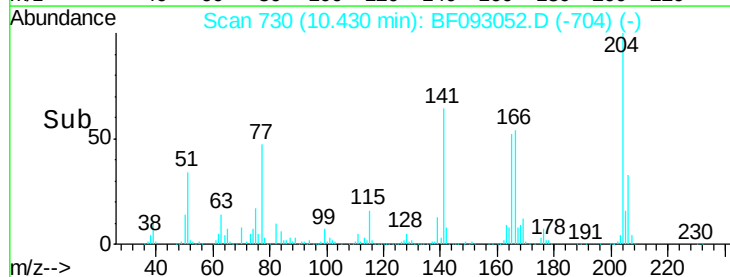
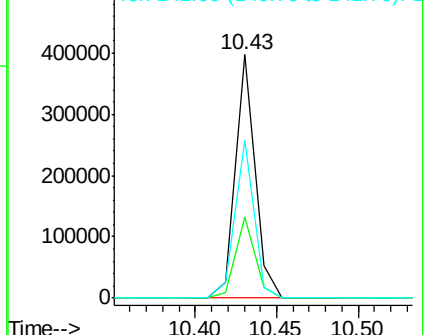
141 64.6 59.4 89.0

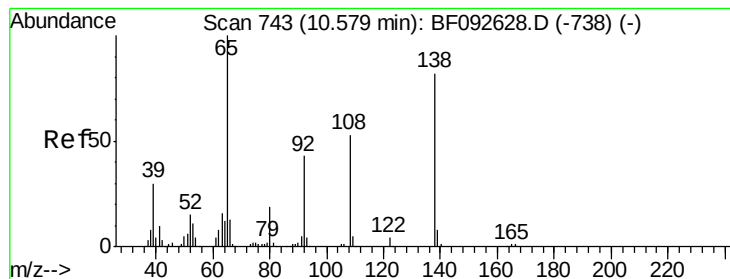


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.73 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

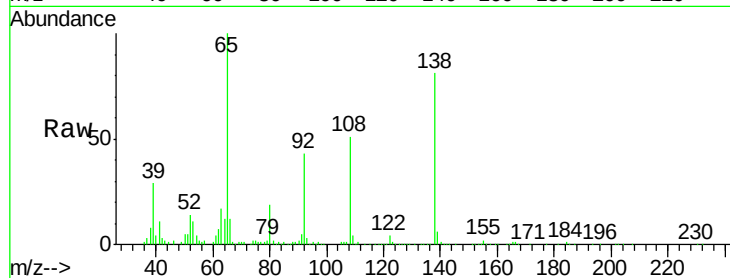
Tgt Ion:138 Resp: 171318

Ion Ratio Lower Upper

138 100

92 52.4 31.7 71.7

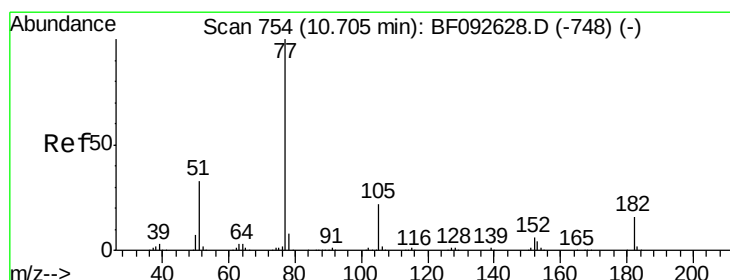
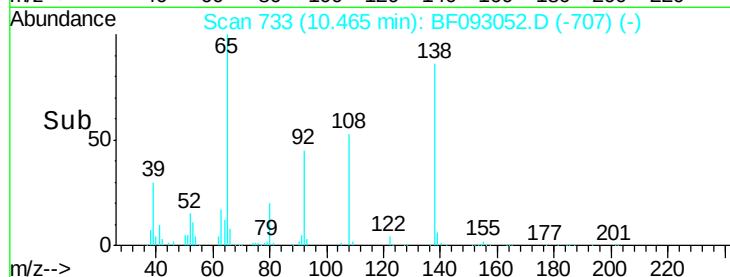
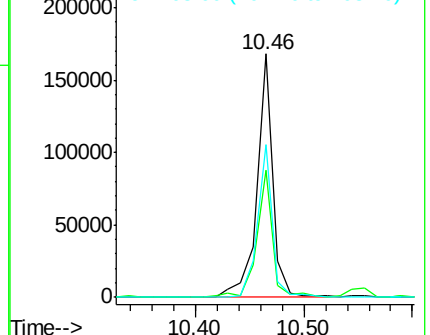
108 63.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.06 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Tgt Ion: 77 Resp: 862181

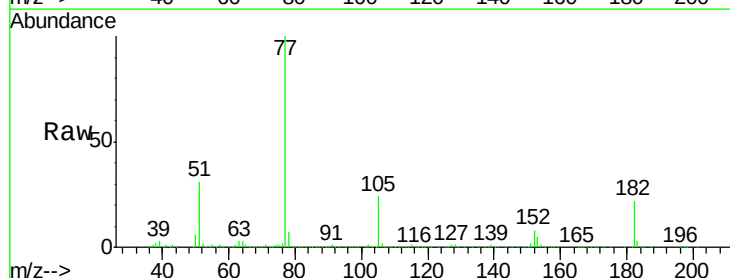
Ion Ratio Lower Upper

77 100

182 21.5 0.0 39.3

105 23.6 2.3 42.3

51 31.3 8.9 48.9

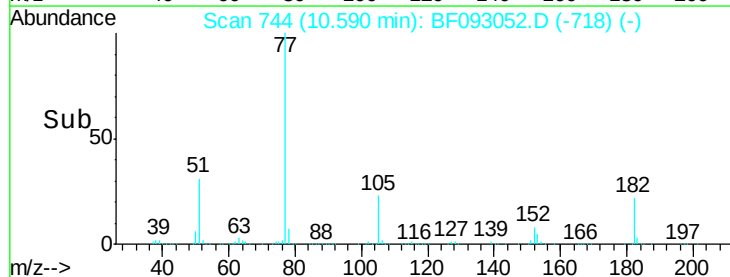
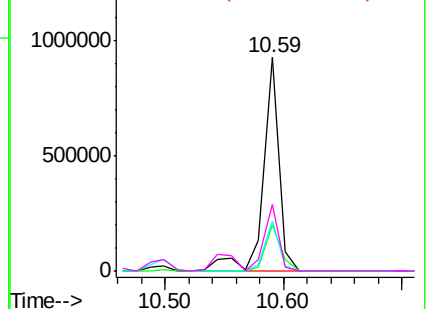


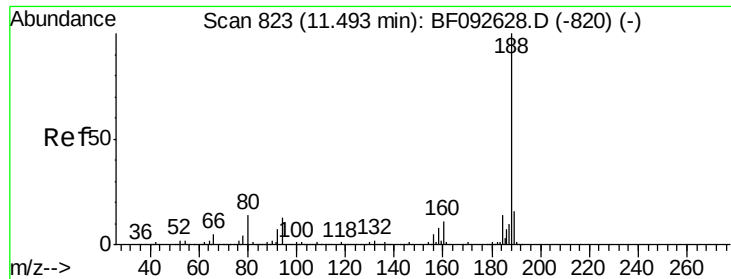
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

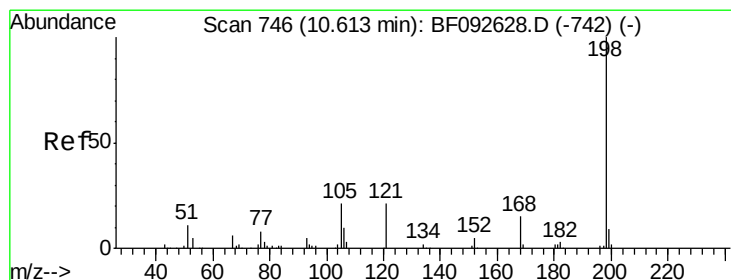
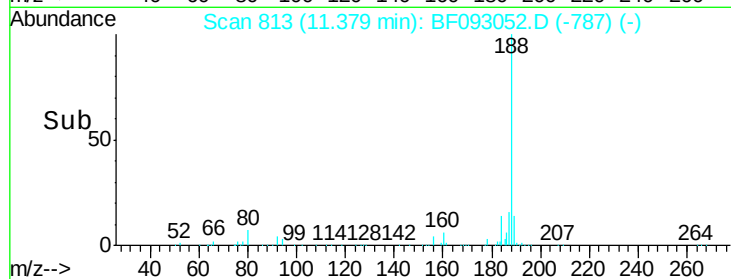
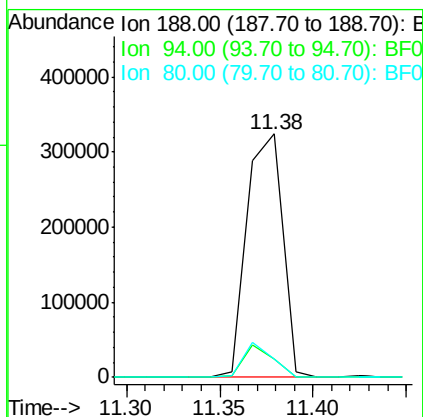
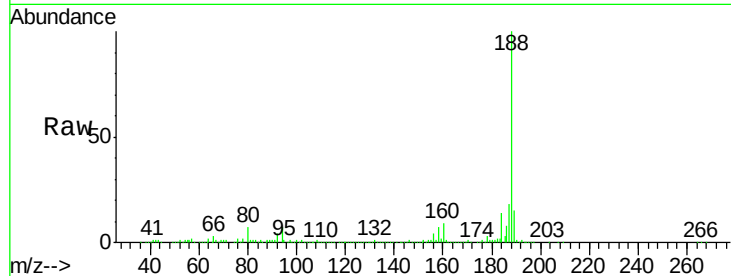




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

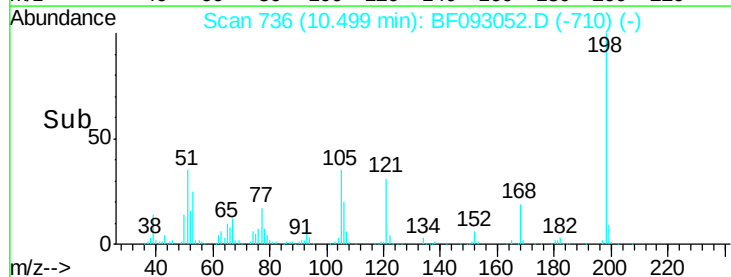
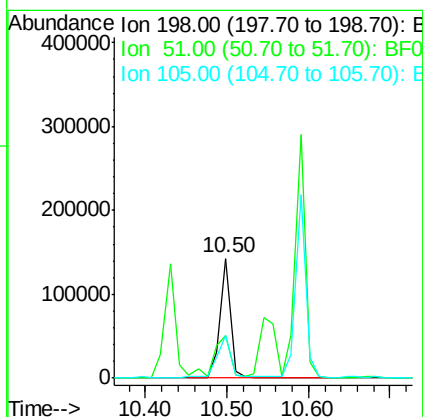
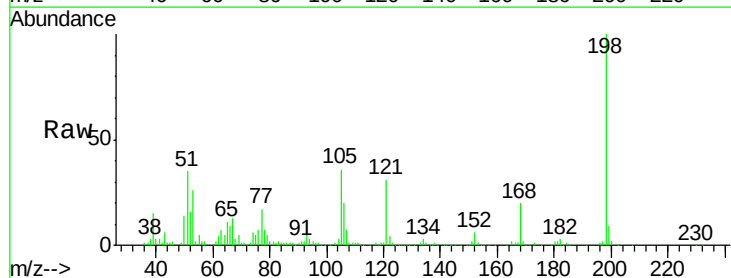
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

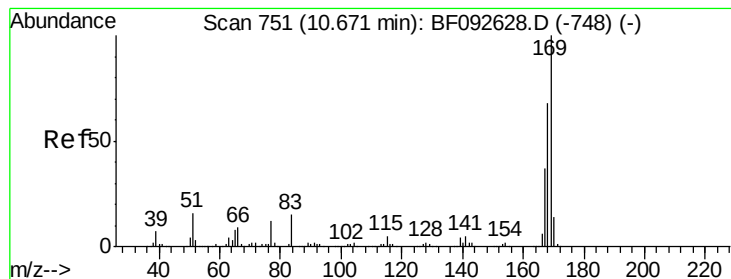
Tgt Ion:188 Resp: 431423
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.3 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.33 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:198 Resp: 129745
Ion Ratio Lower Upper
198 100
51 35.1 6.7 46.7
105 35.8 16.6 56.6

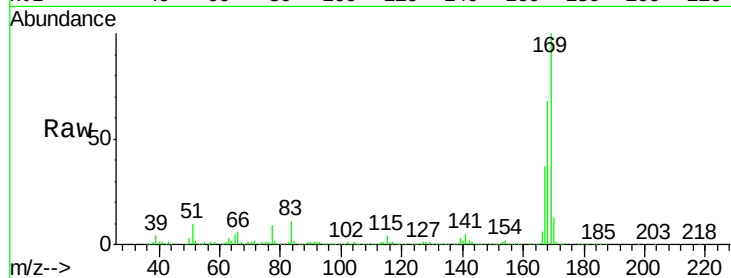




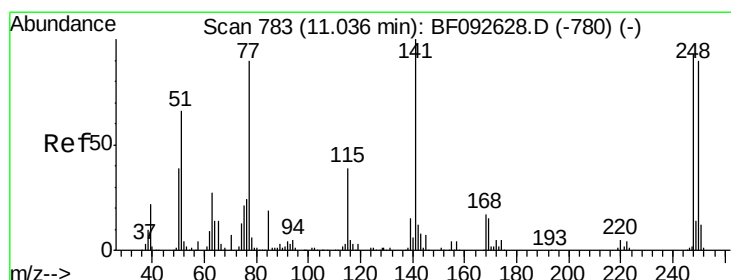
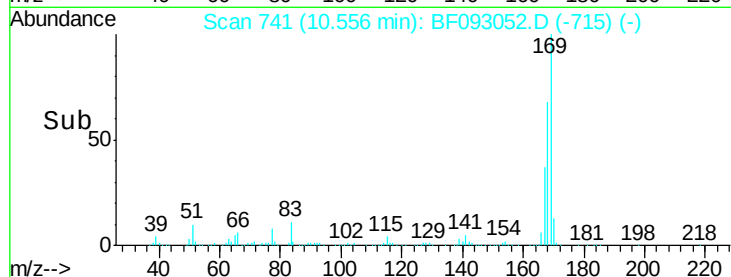
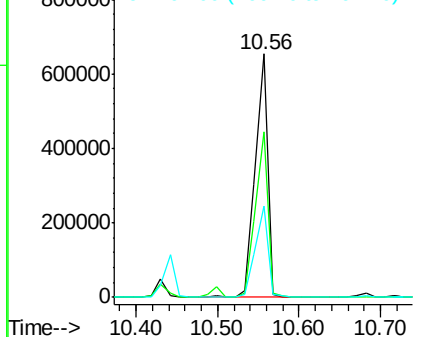
#65
 n-Nitrosodiphenylamine
 Concen: 50.07 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion:169 Resp: 690096
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.2 81.2
 167 37.2 30.2 45.4

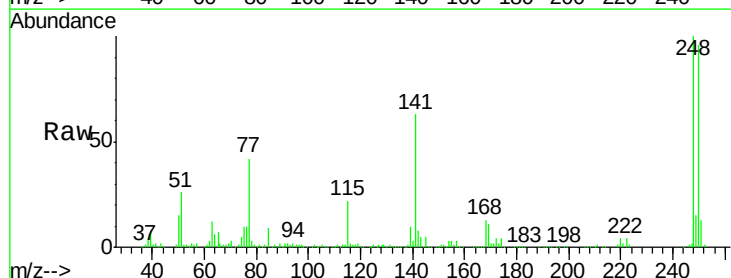


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

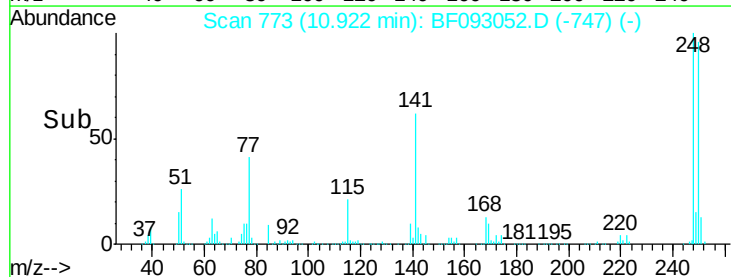
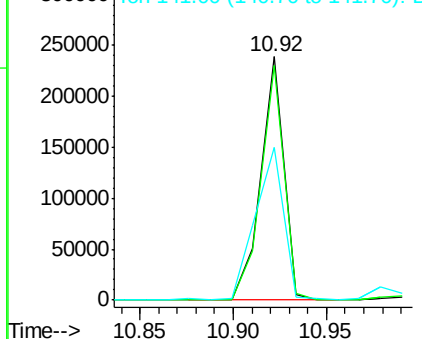


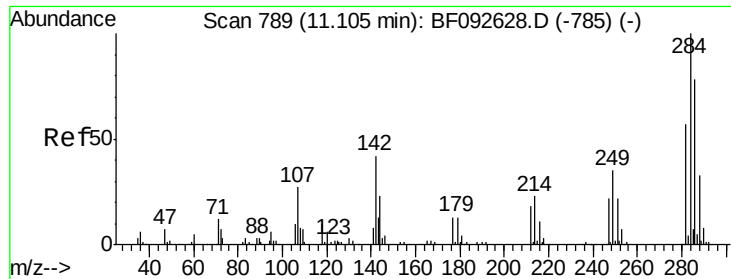
#66
 4-Bromophenyl-phenylether
 Concen: 45.16 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion:248 Resp: 203544
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.9 115.3
 141 62.5 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

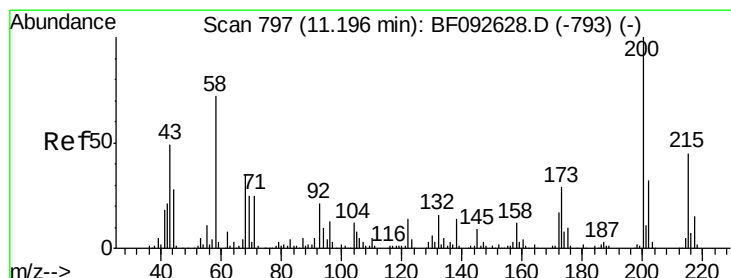
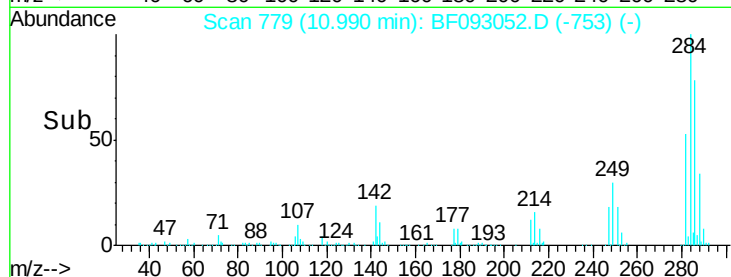
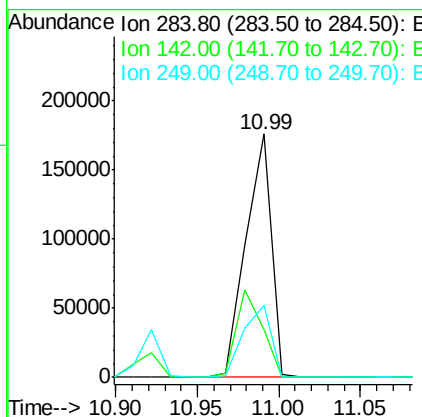
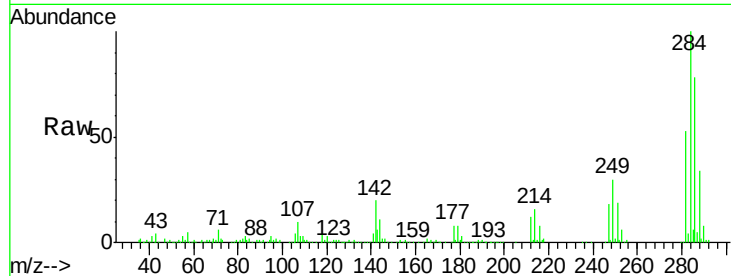




#67
Hexachlorobenzene
Concen: 42.61 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

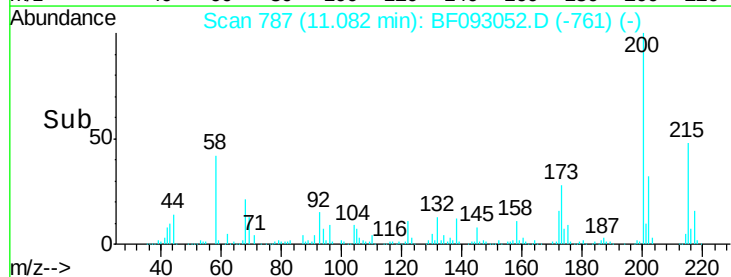
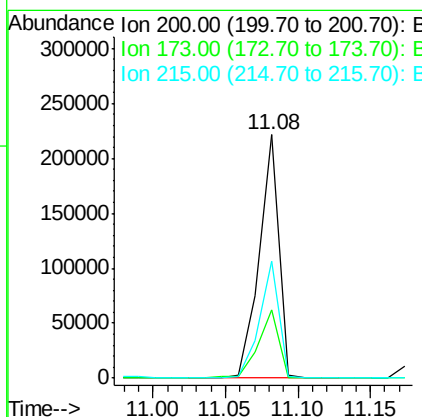
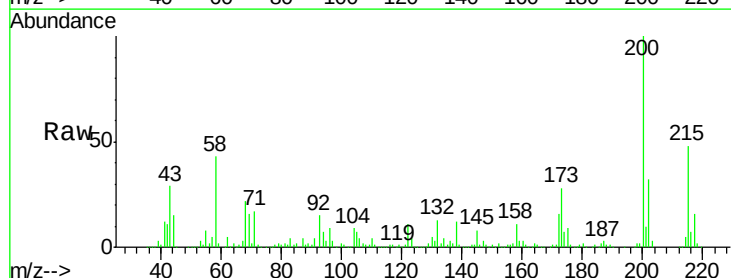
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

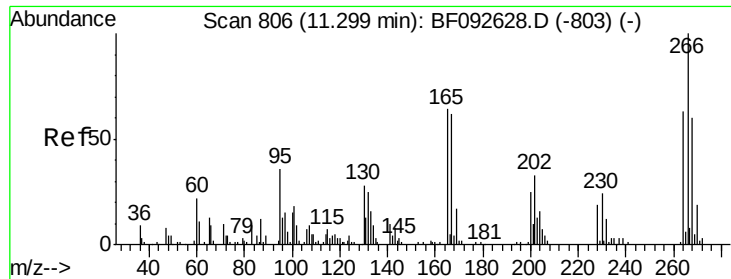
Tgt Ion: 284 Resp: 189781
Ion Ratio Lower Upper
284 100
142 19.5 22.6 33.8#
249 29.9 25.4 38.0



#68
Atrazine
Concen: 46.89 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion: 200 Resp: 207374
Ion Ratio Lower Upper
200 100
173 27.8 9.6 49.6
215 48.2 25.7 65.7

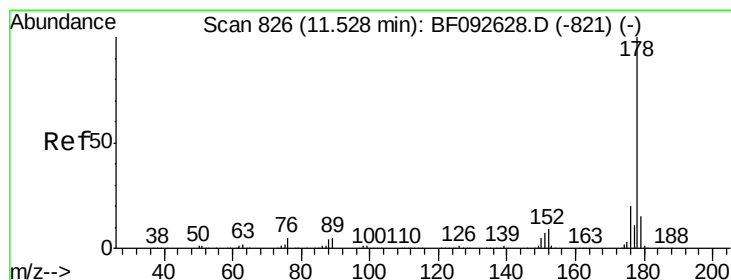
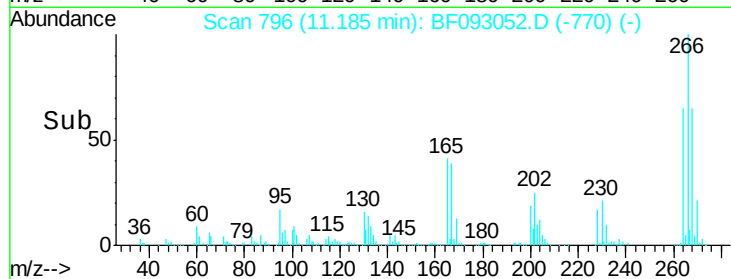
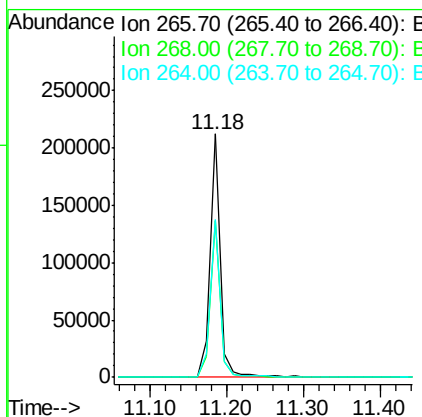
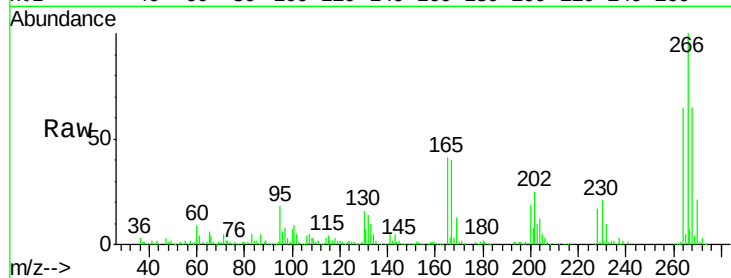




#69
Pentachlorophenol
 Concen: 84.29 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

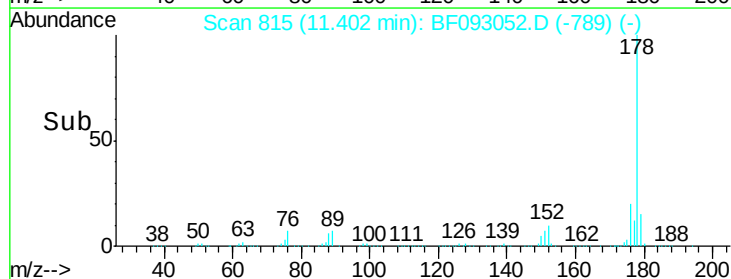
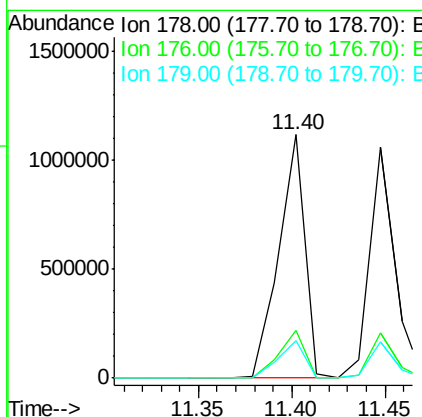
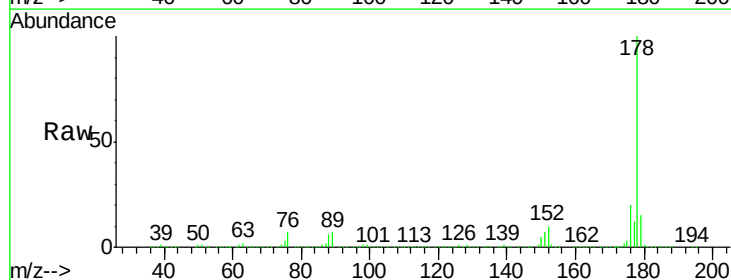
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

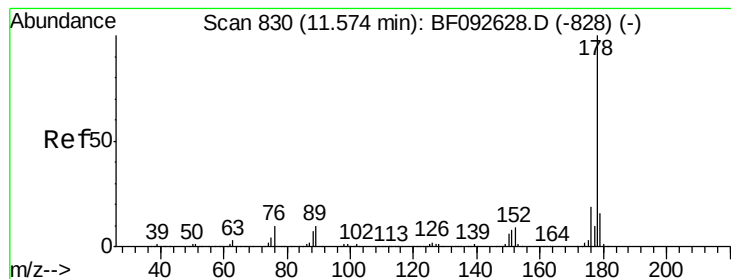
Tgt Ion: 266 Resp: 194777
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.3 79.9
 264 64.9 50.3 75.5



#70
Phenanthrene
 Concen: 43.97 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion: 178 Resp: 1086856
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.4 12.8 19.2





#71

Anthracene

Concen: 39.16 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

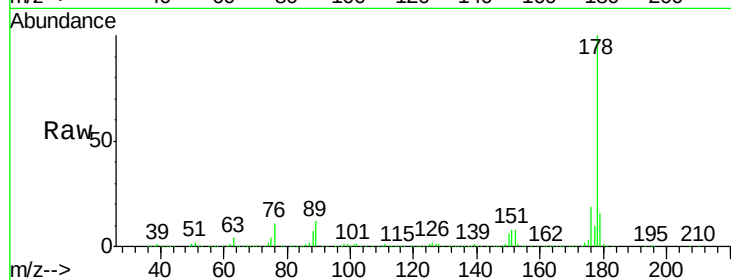
Tgt Ion:178 Resp: 972092

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

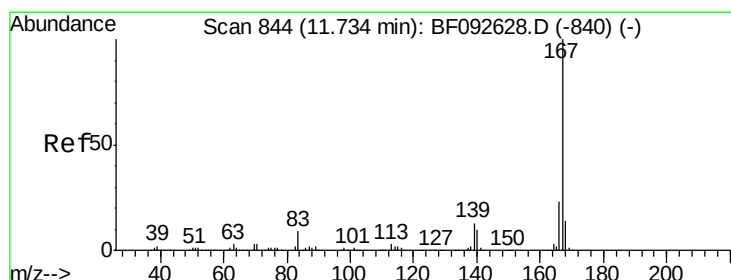
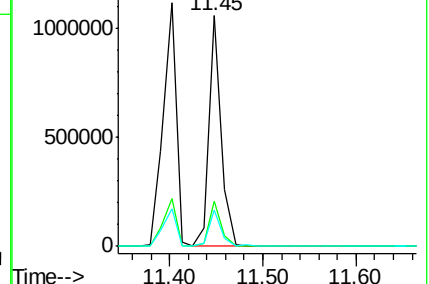
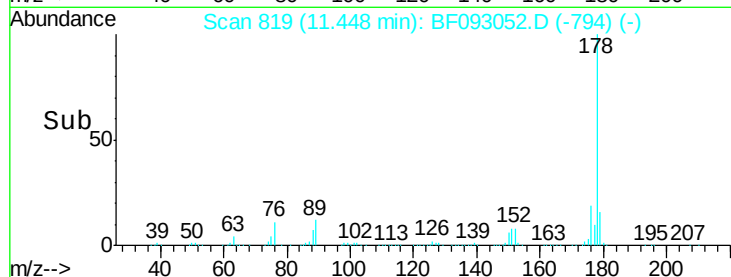
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.72 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

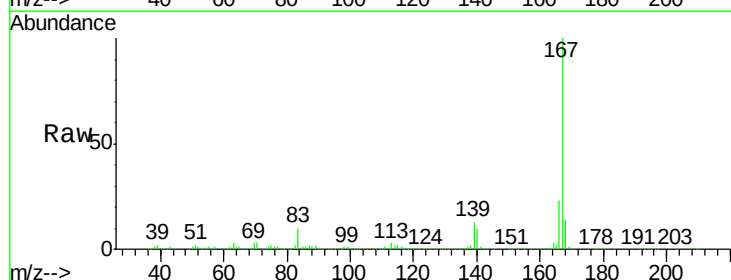
Tgt Ion:167 Resp: 894966

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

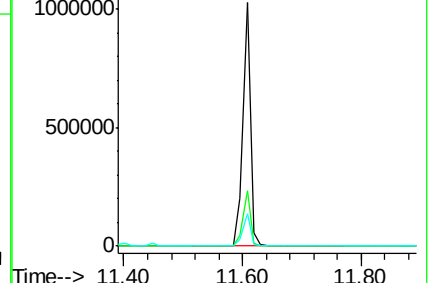
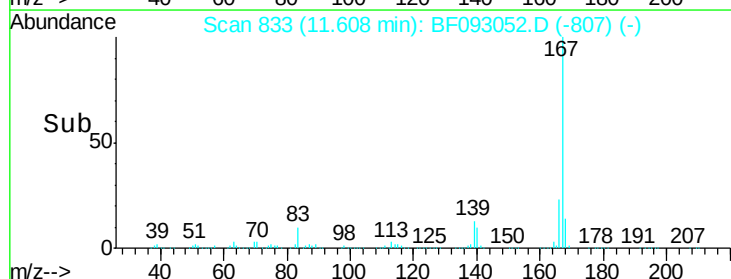
139 13.2 11.4 17.2

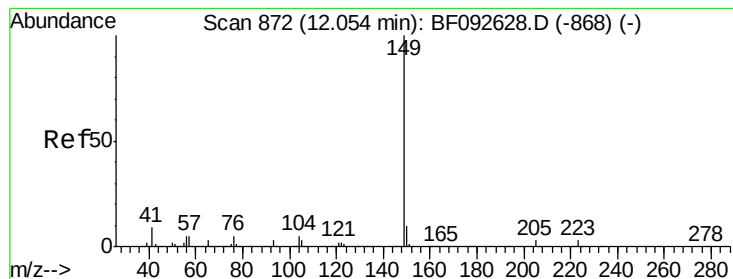


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.44 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

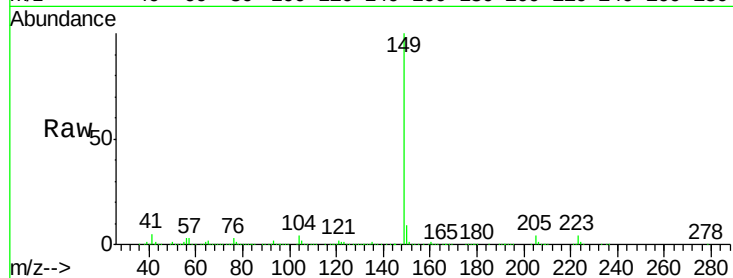
Tgt Ion:149 Resp: 1166044

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

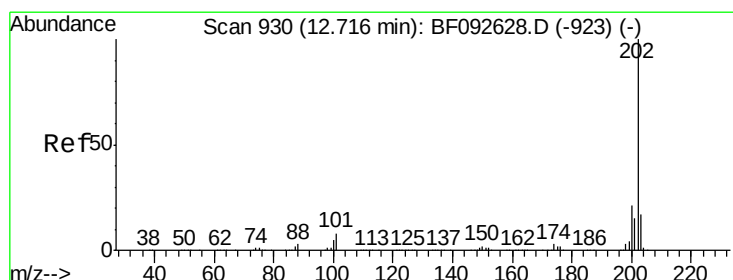
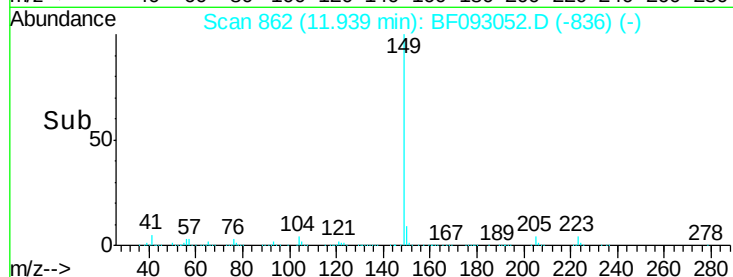
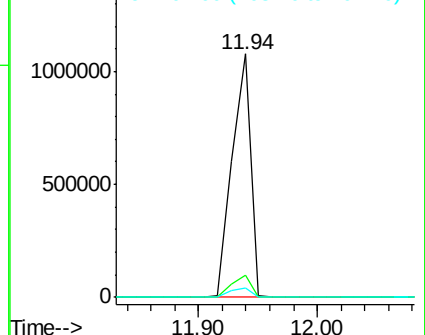
104 3.6 4.6 7.0#



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: 35.08 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

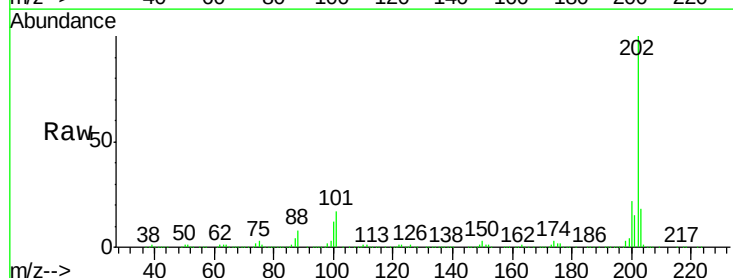
Tgt Ion:202 Resp: 894255

Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.6

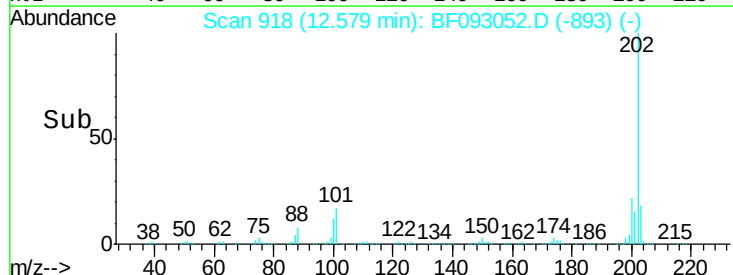
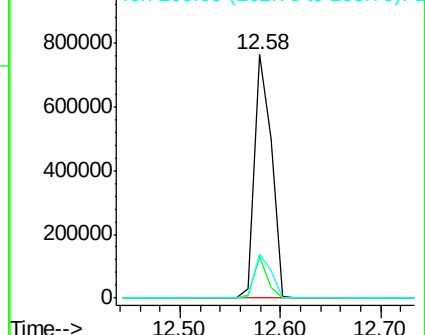
203 18.0 0.0 38.7

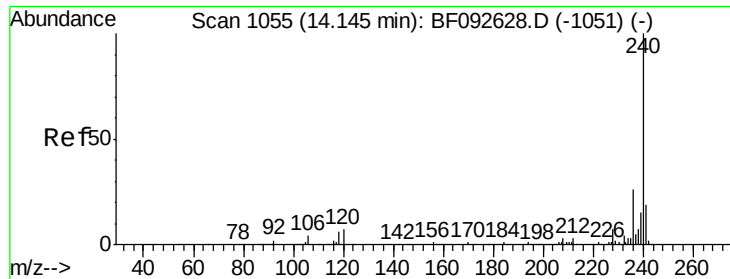


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

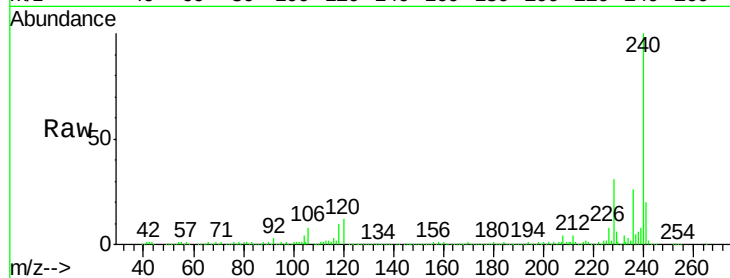




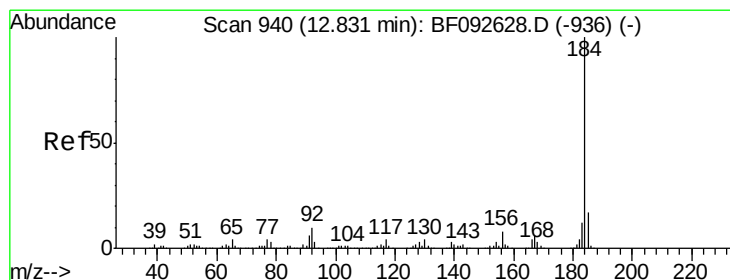
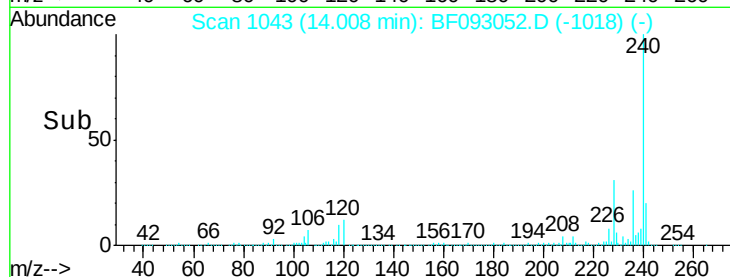
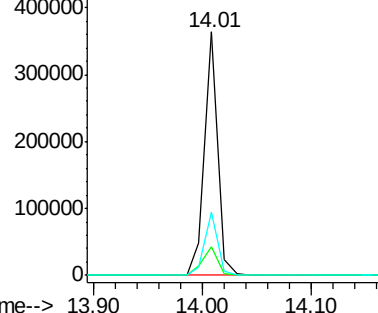
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Tgt Ion:240 Resp: 303265
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 25.9 20.9 31.3

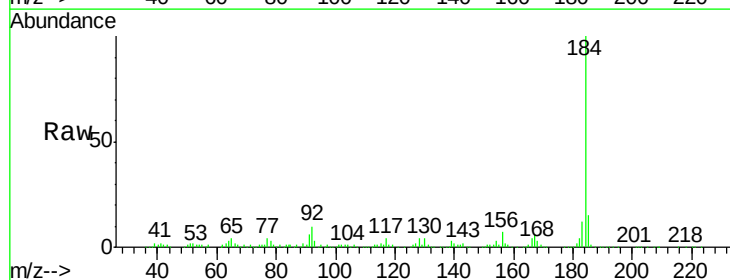


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

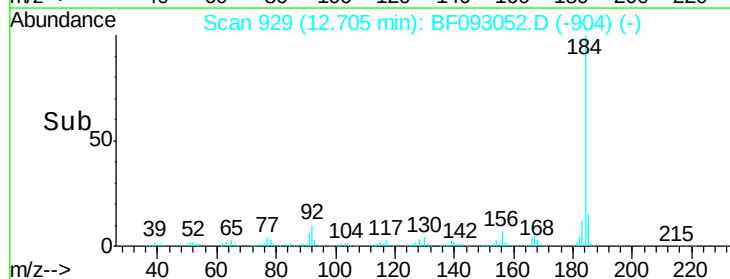
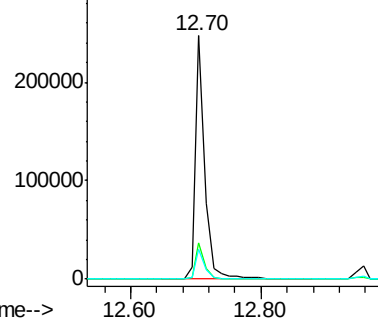


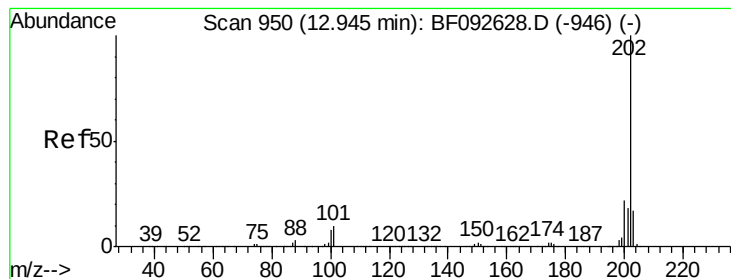
#76
Benzidine
Concen: 19.79 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:184 Resp: 255785
Ion Ratio Lower Upper
184 100
185 15.0 13.4 20.0
183 12.3 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: 37.71 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

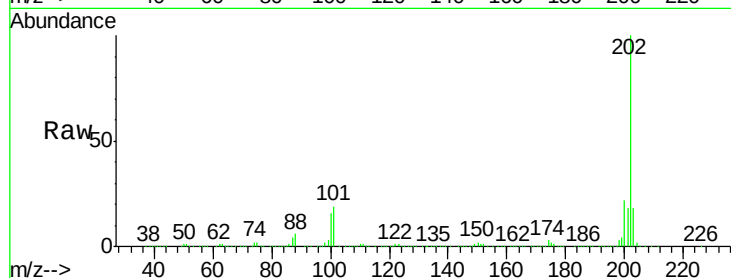
Tgt Ion: 202 Resp: 855760

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

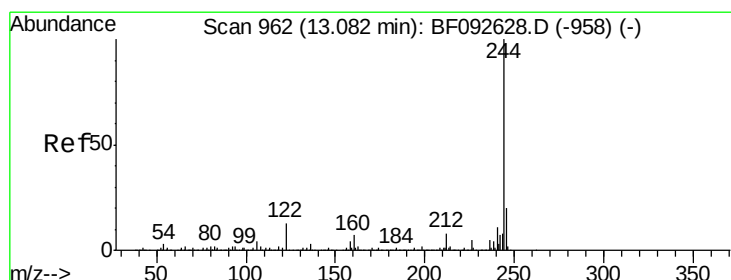
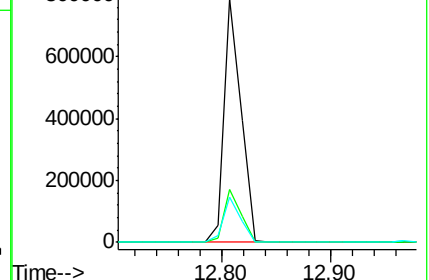
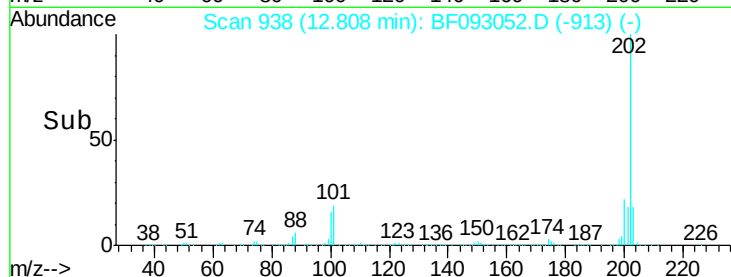
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.69 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

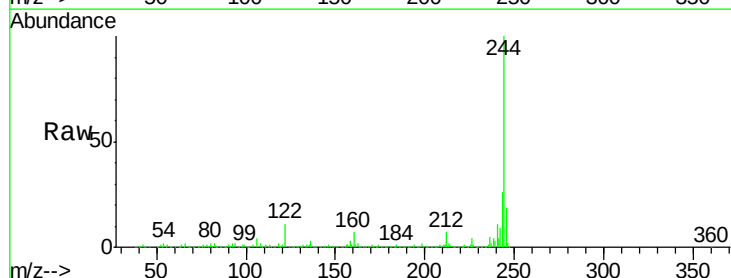
Tgt Ion: 244 Resp: 989757

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

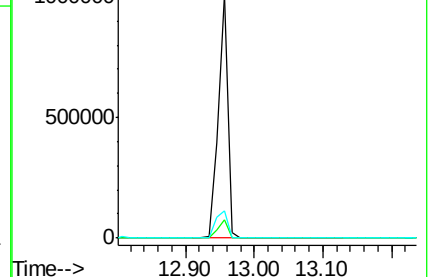
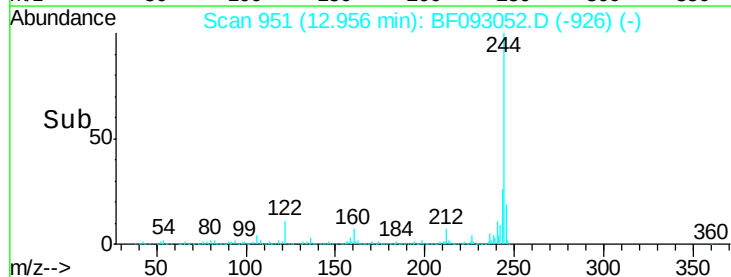
122 11.0 11.4 17.2#

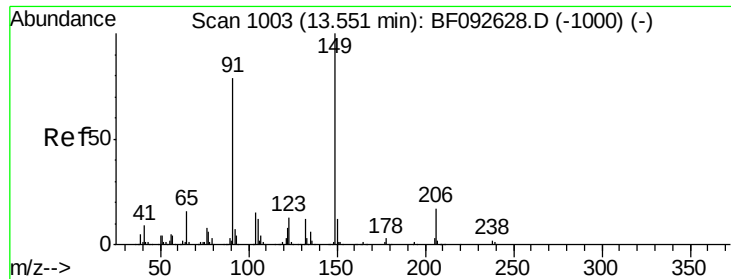


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

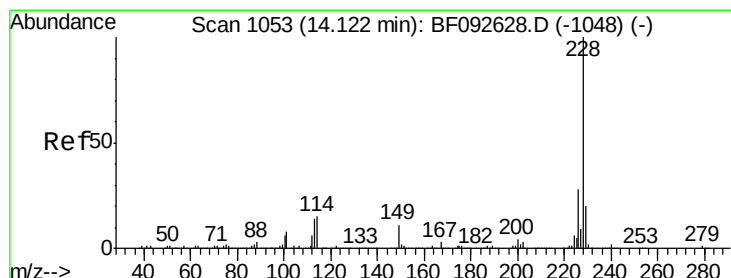
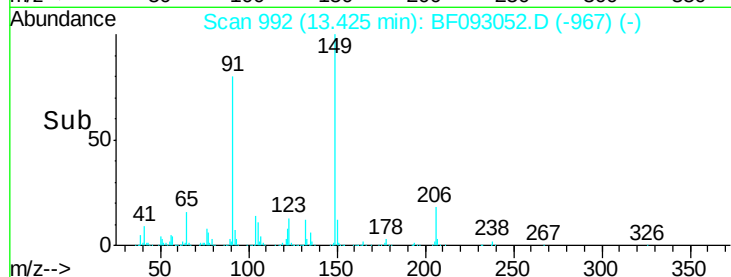
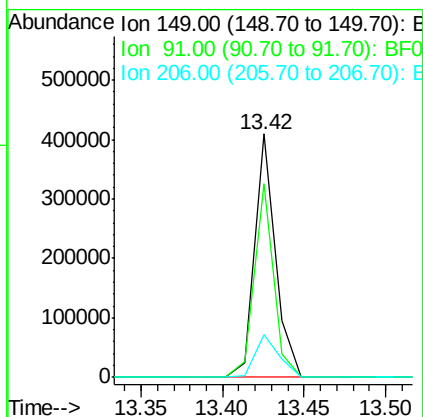
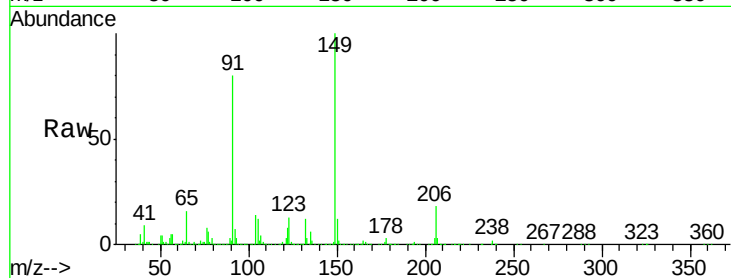




#79
Butylbenzylphthalate
Concen: 39.31 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

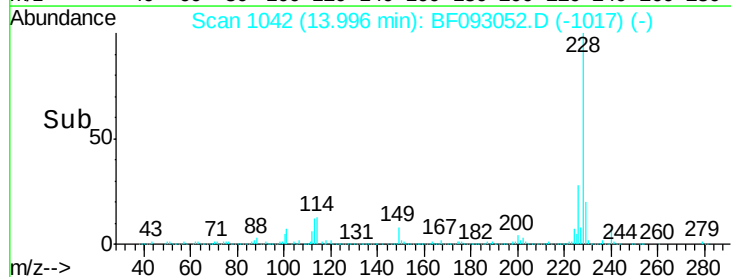
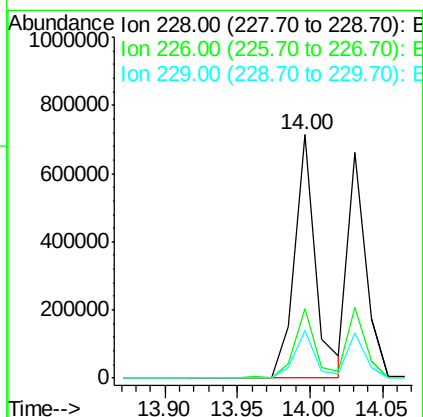
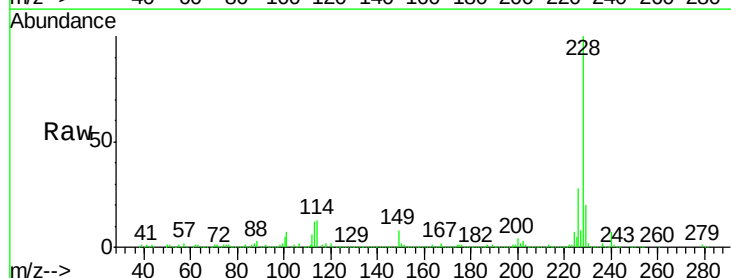
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

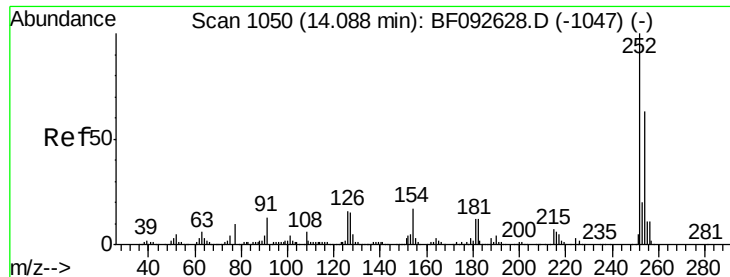
Tgt Ion:149 Resp: 362308
Ion Ratio Lower Upper
149 100
91 79.8 63.9 95.9
206 17.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.77 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093052.D
Acq: 21 Feb 2017 2:11

Tgt Ion:228 Resp: 719192
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 19.7 16.2 24.4

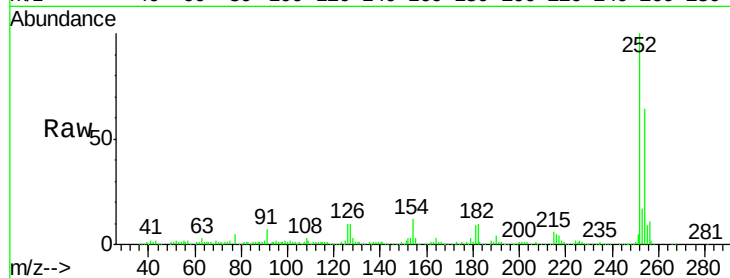




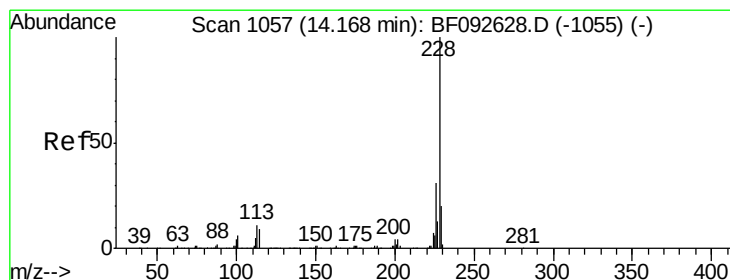
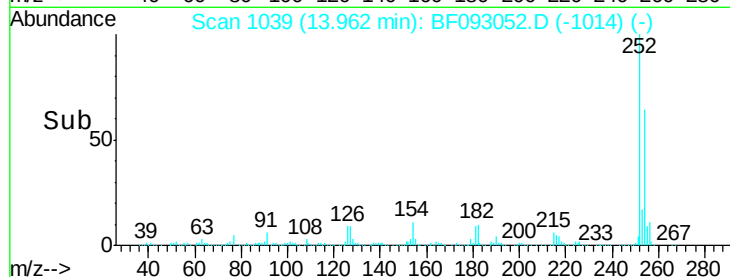
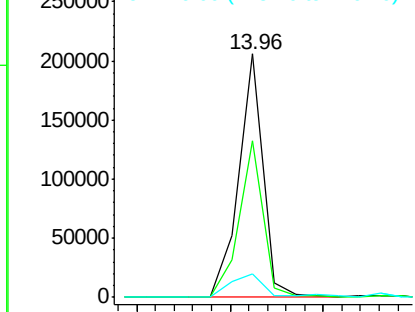
#81
 3,3'-Dichlorobenzidine
 Concen: 28.56 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMSD

Tgt Ion: 252 Resp: 188851
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 9.6 13.6 20.4#

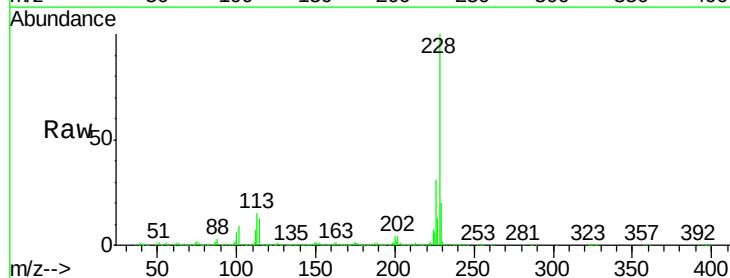


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

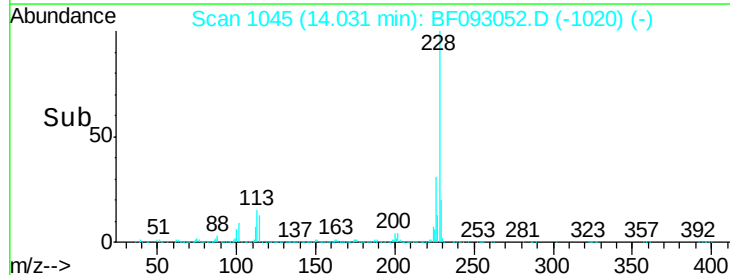
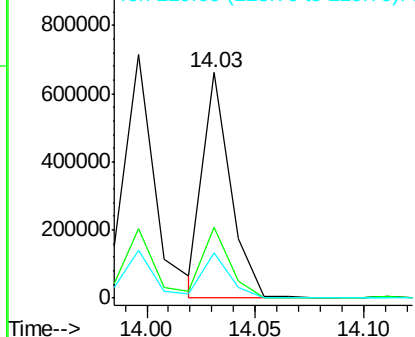


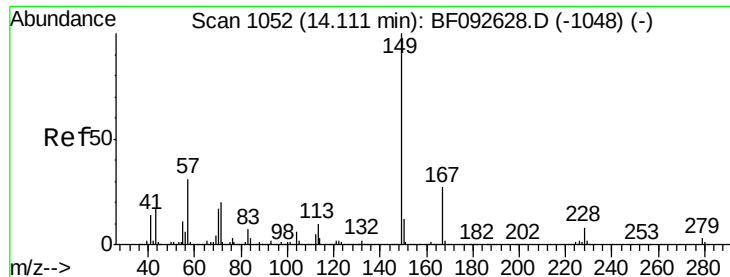
#82
 Chrysene
 Concen: 33.23 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093052.D
 Acq: 21 Feb 2017 2:11

Tgt Ion: 228 Resp: 577016
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.1 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: 41.58 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

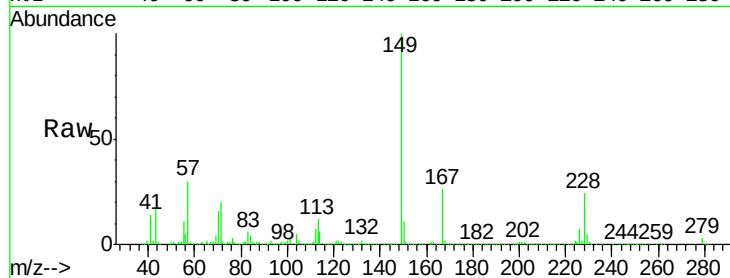
Tgt Ion:149 Resp: 524077

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

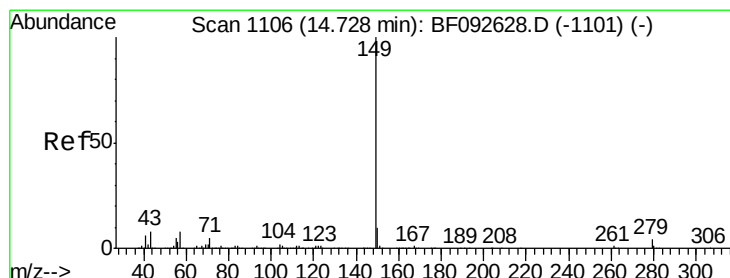
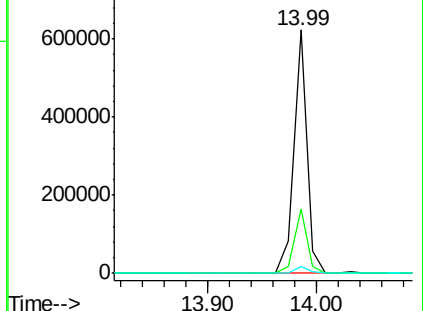
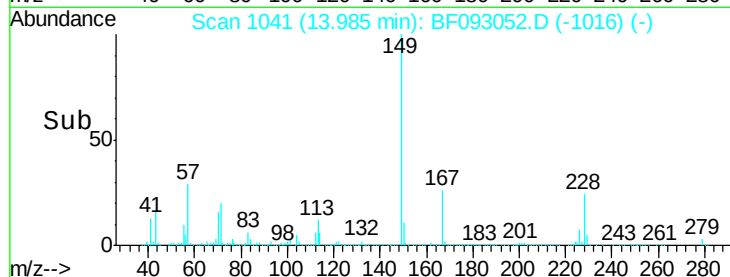
279 2.6 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.06 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

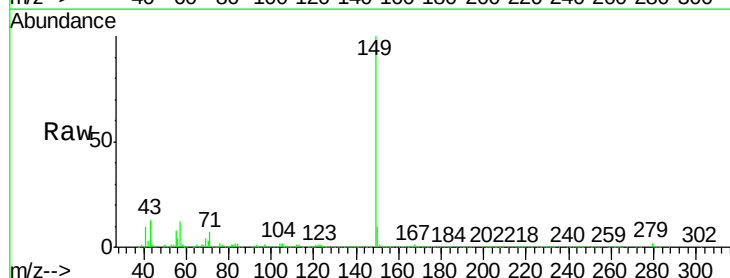
Tgt Ion:149 Resp: 883765

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

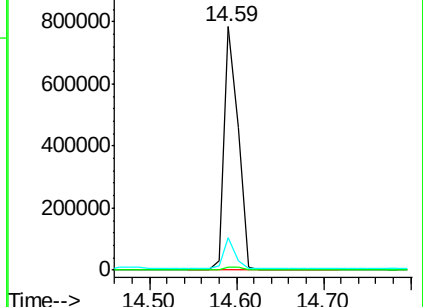
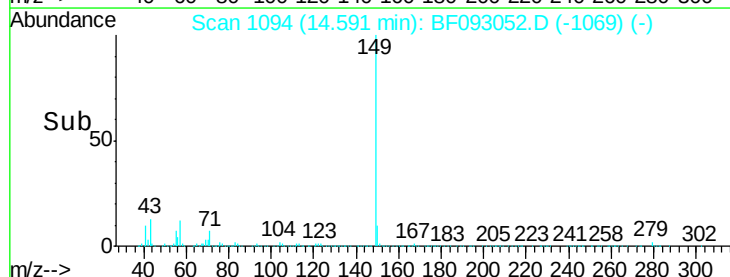
43 10.9 8.9 13.3

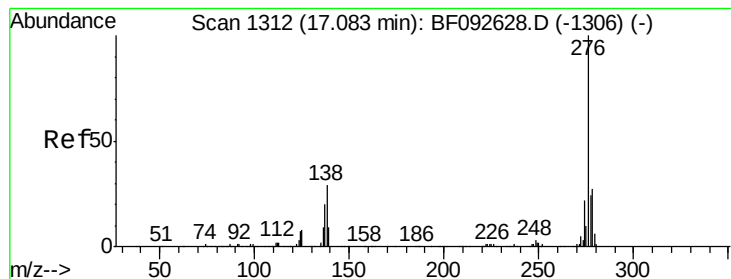


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 64.37 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

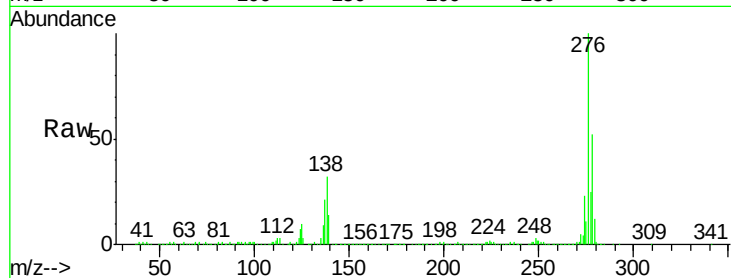
Tgt Ion:276 Resp: 865860

Ion Ratio Lower Upper

276 100

138 32.0 21.8 32.6

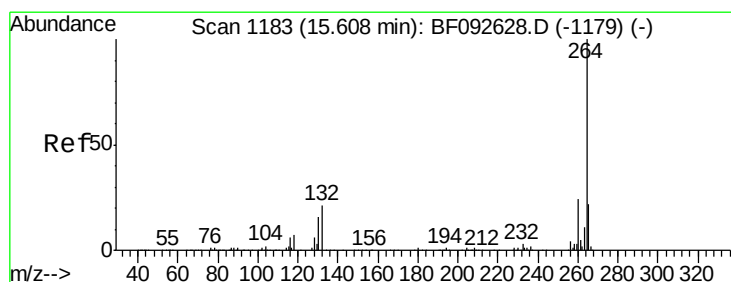
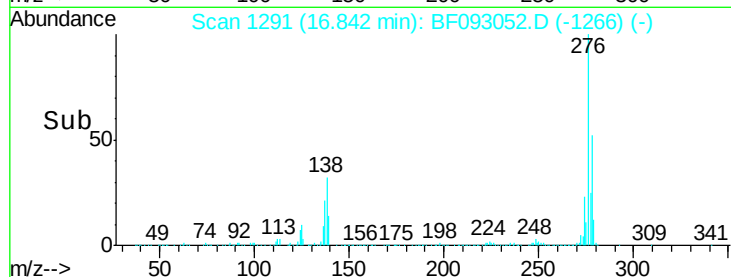
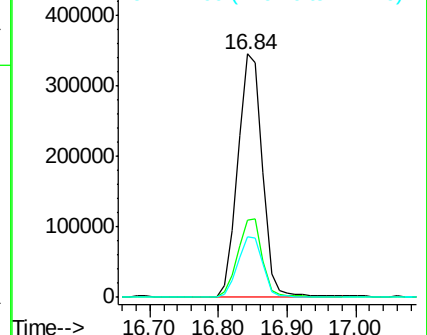
277 25.1 20.2 30.4



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

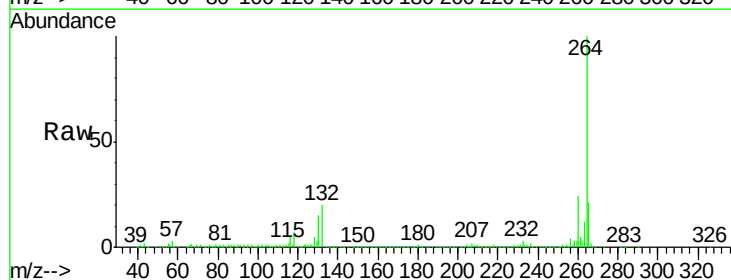
Tgt Ion:264 Resp: 305641

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

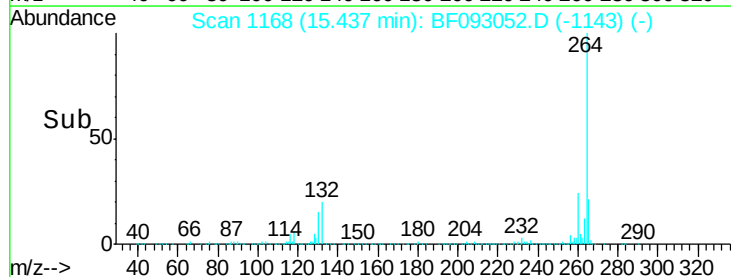
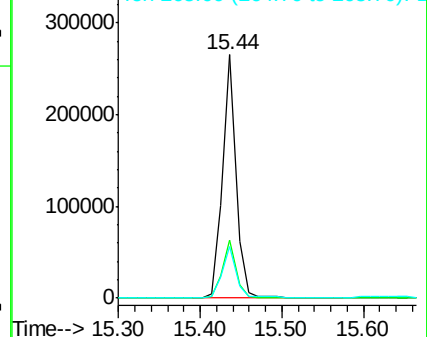
265 21.2 17.4 26.0

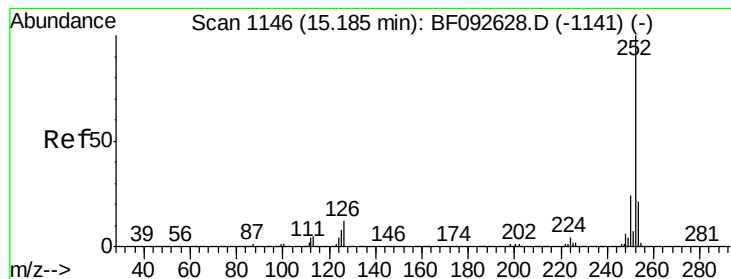


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.53 ng

RT: 15.06 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

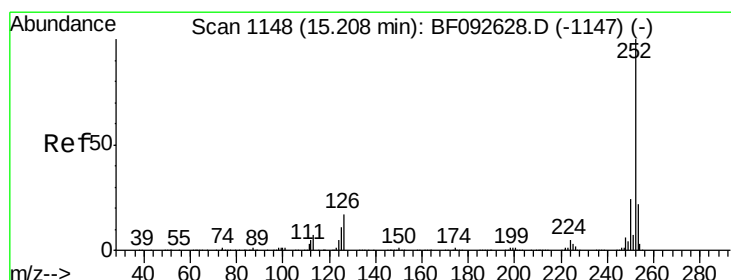
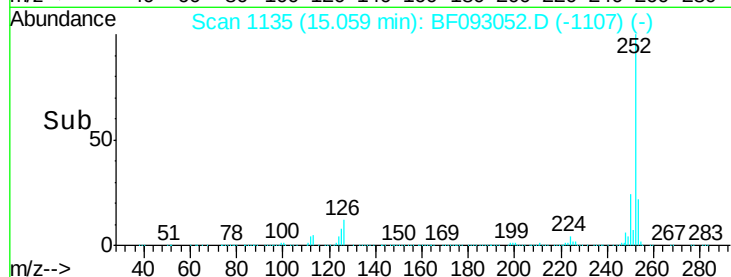
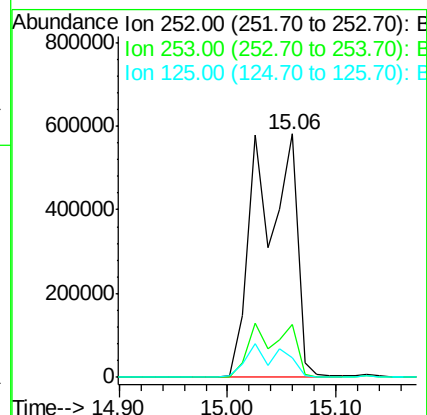
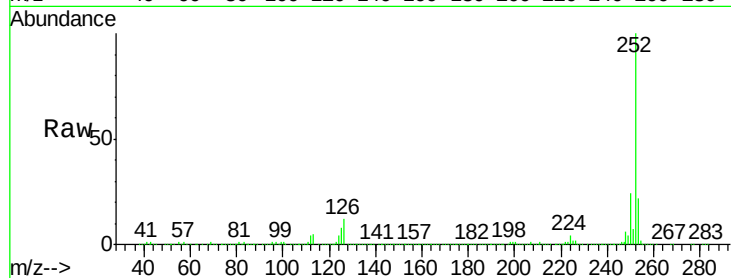
Tgt Ion:252 Resp: 1418900

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

125 8.3 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 81.69 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

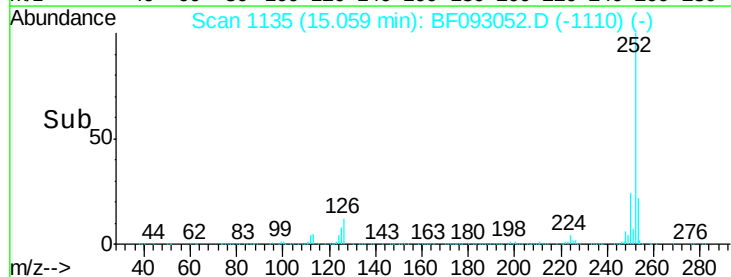
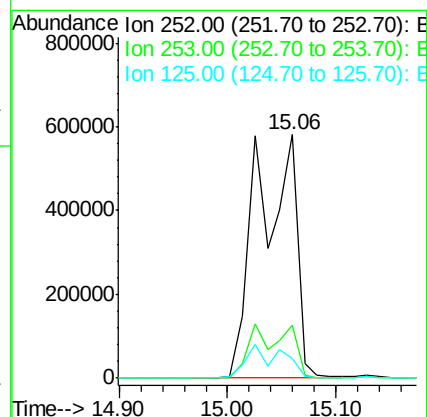
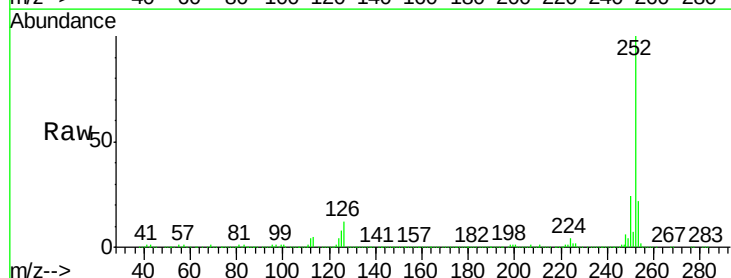
Tgt Ion:252 Resp: 1418900

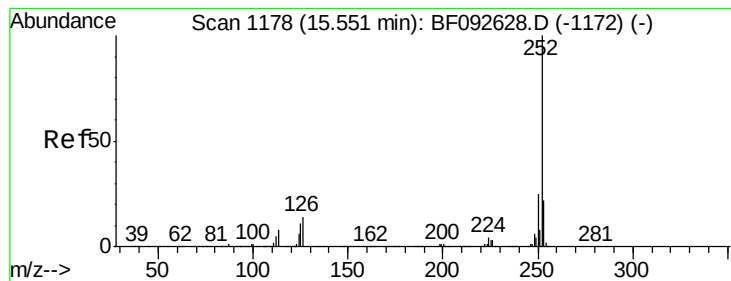
Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

125 8.3 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 40.98 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

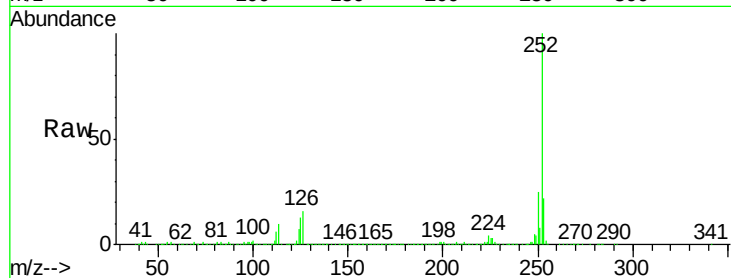
Tgt Ion:252 Resp: 713140

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

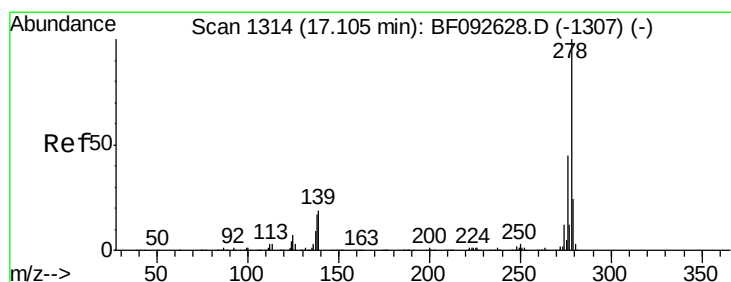
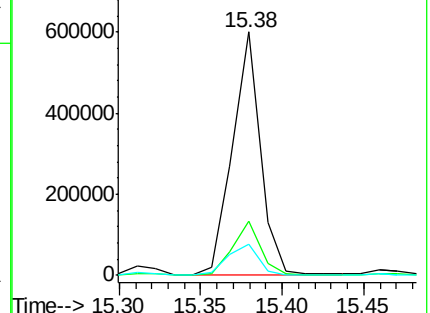
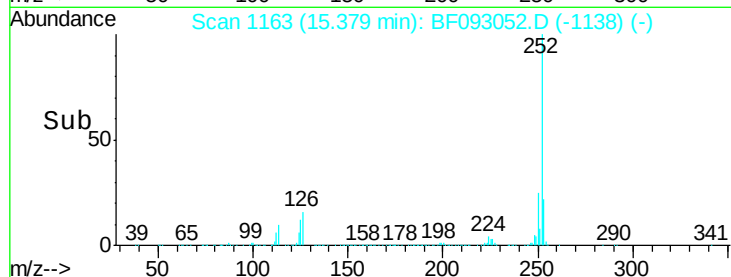
125 12.6 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.87 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

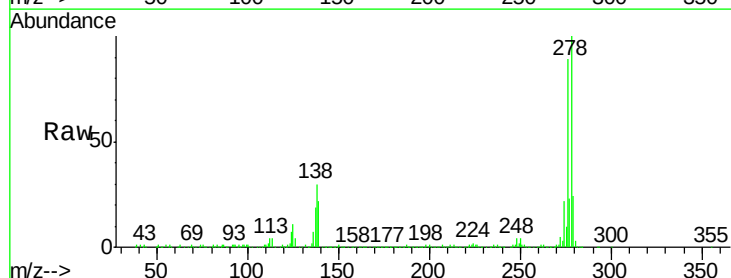
Tgt Ion:278 Resp: 701329

Ion Ratio Lower Upper

278 100

139 22.3 14.8 22.2#

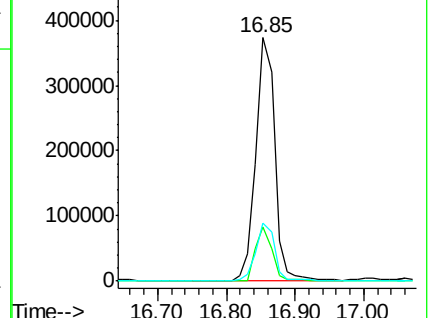
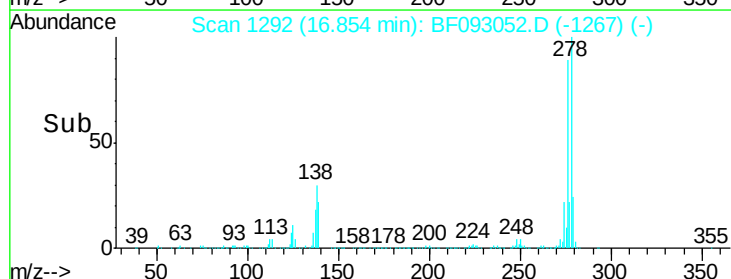
279 23.6 19.8 29.6

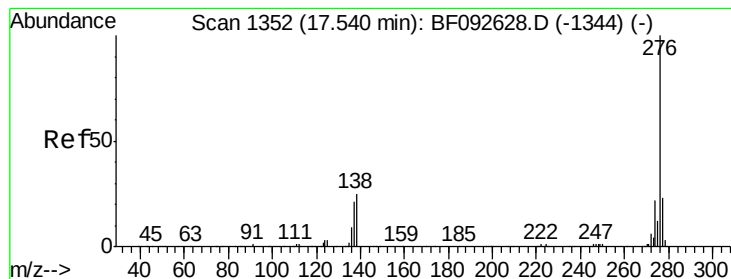


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.80 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093052.D

Acq: 21 Feb 2017 2:11

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMSD

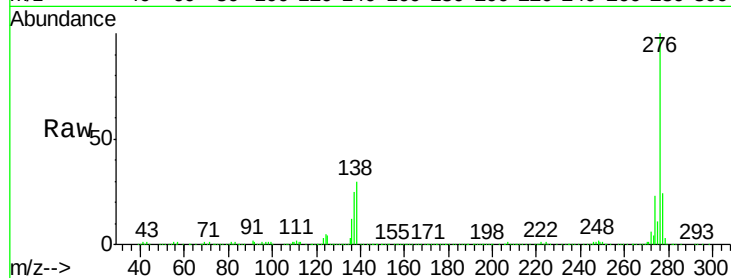
Tgt Ion: 276 Resp: 750104

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 30.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

