

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093565.D
 Acq On : 11 Mar 2017 14:18
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:00:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182414	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	754182	20.00	ng	-0.05
38) Acenaphthene-d10	9.76	164	357699	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	646617	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	500572	20.00	ng	-0.03
86) Perylene-d12	15.28	264	429541	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	958493	87.45	ng	-0.03
7) Phenol-d6	6.38	99	1086050	78.58	ng	-0.03
23) Nitrobenzene-d5	7.30	82	1164756	85.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	189672	81.39	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1659390	86.29	ng	-0.05
78) Terphenyl-d14	12.83	244	1614715	83.87	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	261880	43.38	ng	87
3) Pyridine	2.86	79	686849	44.63	ng	86
4) n-Nitrosodimethylamine	2.84	42	319697	43.49	ng	80
6) Aniline	6.39	93	754358	39.77	ng	# 72
8) 2-Chlorophenol	6.50	128	499293	40.66	ng	83
9) Benzaldehyde	6.28	77	355172	43.64	ng	95
10) Phenol	6.40	94	719731	42.50	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	538182	39.32	ng	90
12) 1,3-Dichlorobenzene	6.89	146	499325	35.52	ng	95
13) 1,4-Dichlorobenzene	6.73	146	579556	40.27	ng	99
14) 1,2-Dichlorobenzene	6.89	146	514140	40.34	ng	95
15) Benzyl Alcohol	6.88	79	430423	43.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	947152	41.65	ng	# 37
17) 2-Methylphenol	7.01	107	422835	40.71	ng	# 92
18) Hexachloroethane	7.22	117	203029	41.83	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	379012	39.89	ng	90
20) 3+4-Methylphenols	7.17	107	585278	43.45	ng	# 74
22) Acetophenone	7.14	105	714015	39.34	ng	# 99
24) Nitrobenzene	7.32	77	621495	40.68	ng	96
25) Isophorone	7.56	82	1115509	40.70	ng	94
26) 2-Nitrophenol	7.64	139	295941	42.46	ng	96
27) 2,4-Dimethylphenol	7.68	122	420888	37.12	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	717319	41.45	ng	100
29) 2,4-Dichlorophenol	7.89	162	442511	41.48	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	440946	38.87	ng	97
31) Naphthalene	8.04	128	1433801	37.94	ng	99
32) Benzoic acid	7.85	122	262530	44.56	ng	94
33) 4-Chloroaniline	8.09	127	605477	39.48	ng	# 93
34) Hexachlorobutadiene	8.14	225	227828	38.99	ng	99
35) Caprolactam	8.47	113	137747	37.81	ng	# 13
36) 4-Chloro-3-methylphenol	8.60	107	467837	41.09	ng	98
37) 2-Methylnaphthalene	8.72	142	912643	37.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	426451	43.66	ng	99
40) Hexachlorocyclopentadiene	8.87	237	146169	62.43	ng	98

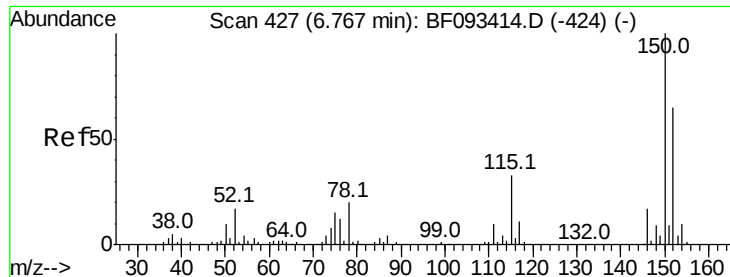
Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093565.D
 Acq On : 11 Mar 2017 14:18
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:00:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	268813	44.05	nq	94
43) 2,4,5-Trichlorophenol	9.06	196	287383	43.89	nq	91
45) 1,1'-Biphenyl	9.19	154	1113275	42.72	nq	99
46) 2-Chloronaphthalene	9.21	162	917993	46.02	nq	99
47) 2-Nitroaniline	9.33	65	361884	51.32	nq	# 85
48) Acenaphthylene	9.62	152	1433554	43.58	nq	98
49) Dimethylphthalate	9.50	163	1028657	43.38	nq	100
50) 2,6-Dinitrotoluene	9.57	165	259471	49.86	nq	95
51) Acenaphthene	9.80	154	847291	43.56	nq	96
52) 3-Nitroaniline	9.74	138	282008	45.11	nq	100
53) 2,4-Dinitrophenol	9.86	184	113637	47.95	nq	# 69
54) Dibenzofuran	9.97	168	1158986	47.60	nq	96
55) 4-Nitrophenol	9.97	139	695443	229.04	nq	# 11
56) 2,4-Dinitrotoluene	9.98	165	312817	48.93	nq	# 84
57) Fluorene	10.31	166	959526	46.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	209955	45.43	nq	99
59) Diethylphthalate	10.18	149	947468	41.80	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	437776	47.34	nq	# 86
61) 4-Nitroaniline	10.36	138	261495	40.90	nq	98
62) Azobenzene	10.46	77	1244163	48.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	149361	35.65	nq	# 68
65) n-Nitrosodiphenylamine	10.42	169	833361	38.60	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	258184	37.76	nq	# 80
67) Hexachlorobenzene	10.86	284	253516	38.83	nq	98
68) Atrazine	10.95	200	235071	37.20	nq	99
69) Pentachlorophenol	11.06	266	125625	55.73	nq	97
70) Phenanthrene	11.27	178	1447571	39.22	nq	98
71) Anthracene	11.32	178	1396014	37.39	nq	100
72) Carbazole	11.49	167	1478658	42.16	nq	98
73) Di-n-butylphthalate	11.81	149	1696719	41.81	nq	# 97
74) Fluoranthene	12.46	202	1406296	39.45	nq	92
76) Benzidine	12.59	184	674078	40.95	nq	97
77) Pyrene	12.68	202	1440001	39.55	nq	100
79) Butylbenzylphthalate	13.29	149	642911	41.95	nq	96
80) Benzo(a)anthracene	13.87	228	1159576	39.23	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	418334	40.41	nq	97
82) Chrysene	13.91	228	1199654	43.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	952816	44.61	nq	# 97
84) Di-n-octyl phthalate	14.46	149	1508674	42.38	nq	96
85) Indeno(1,2,3-cd)pyrene	16.62	276	888470	38.81	nq	# 94
87) Benzo(b)fluoranthene	14.92	252	2103384	80.40	nq	98
88) Benzo(k)fluoranthene	14.92	252	2103752	83.39	nq	98
89) Benzo(a)pyrene	15.23	252	970895	40.61	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	770502	38.95	nq	96
91) Benzo(g,h,i)perylene	17.02	276	780109	38.43	nq	# 91

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

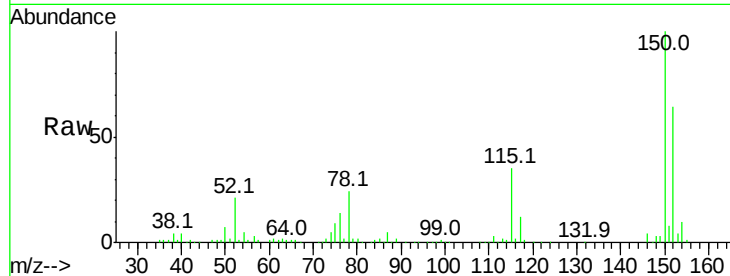


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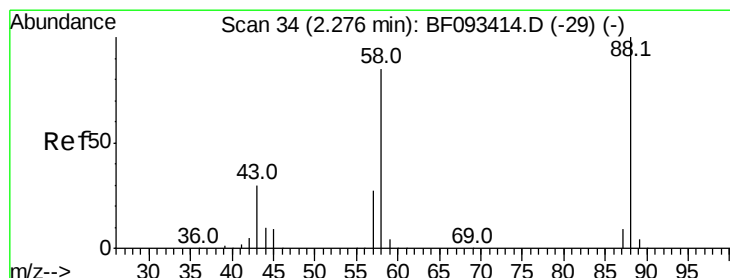
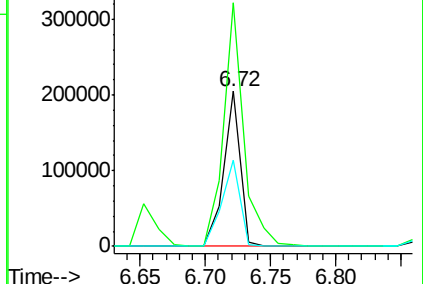
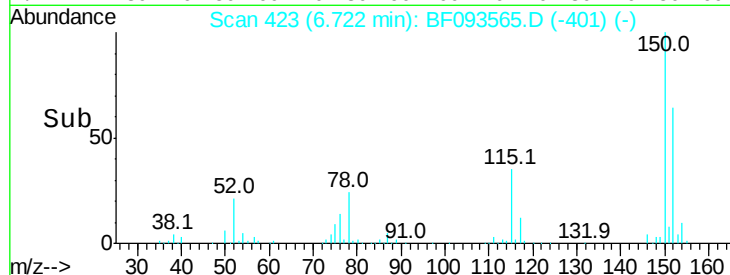
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182414
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 55.7 46.0 69.0



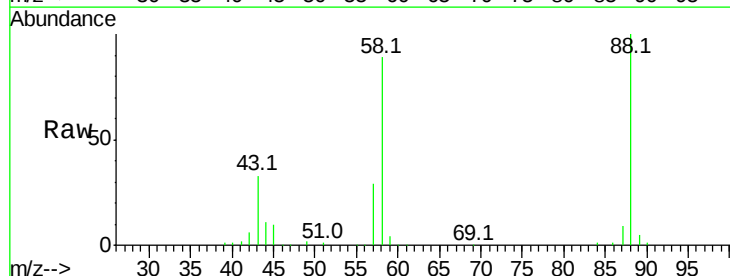
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



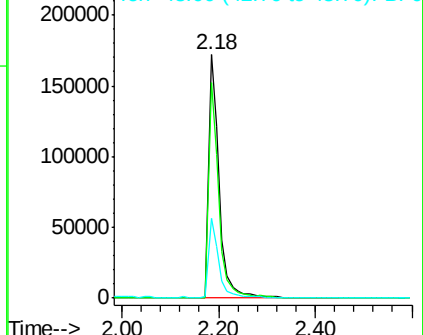
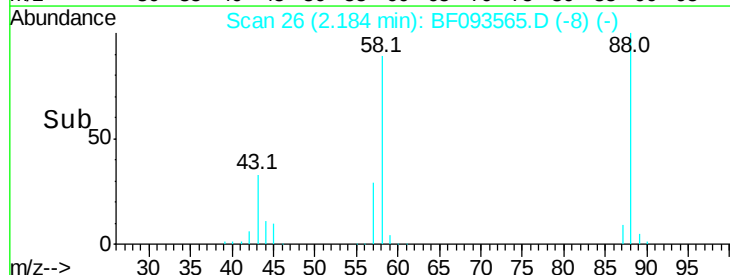
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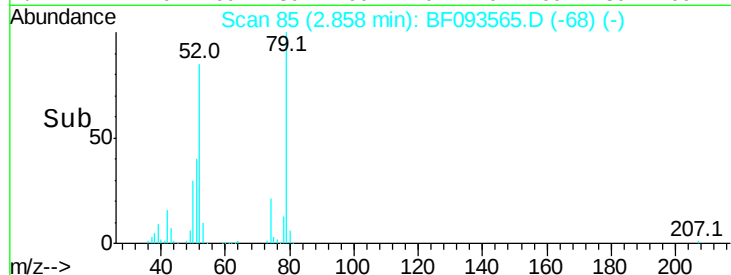
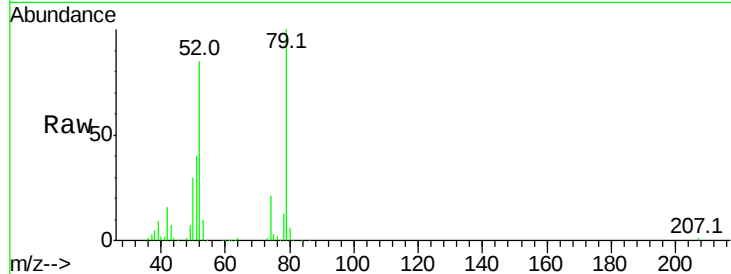
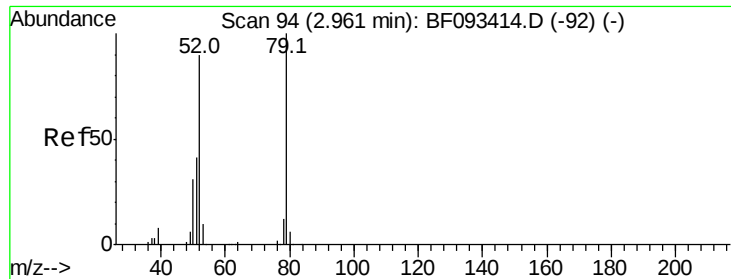
1,4-Dioxane
Concen: 43.38 ng
RT: 2.18 min Scan# 26
Delta R.T. -0.09 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion: 88 Resp: 261880
Ion Ratio Lower Upper
88 100
58 85.3 57.8 86.8
43 30.6 22.3 33.5



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

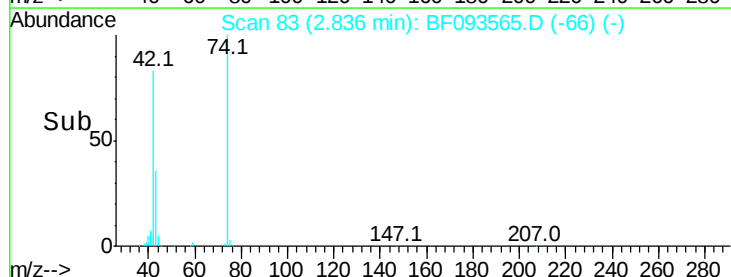
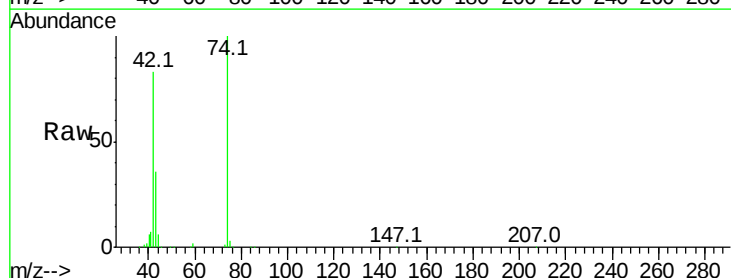
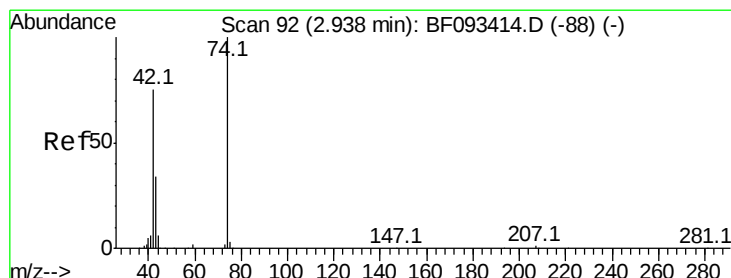
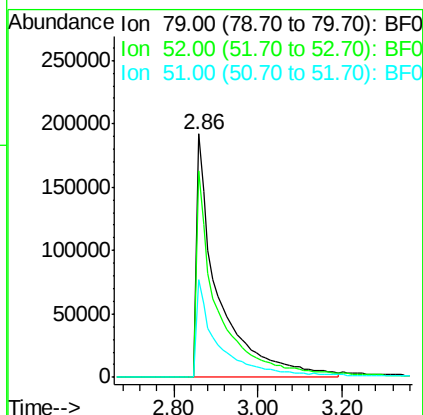




#3
 Pvridine
 Concen: 44.63 ng
 RT: 2.86 min Scan# 85
 Delta R.T. -0.10 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

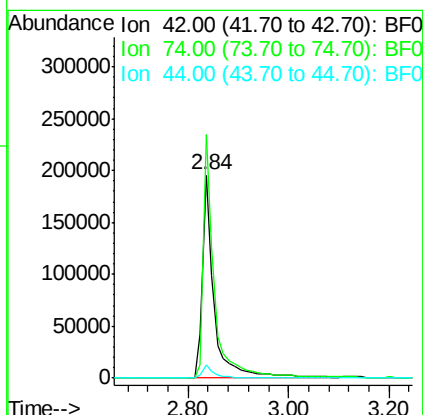
Instrument :
 BNA_F
 ClientSampleId :

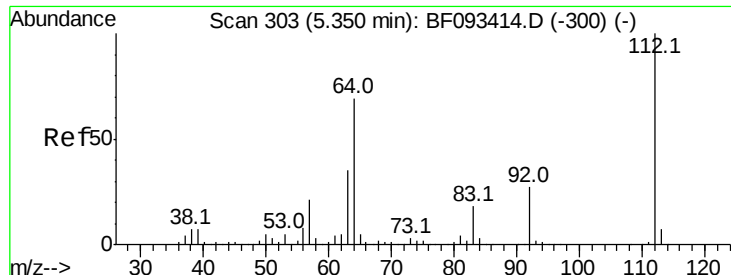
Tot Ion: 79 Resp: 686849
 Ion Ratio Lower Upper
 79 100
 52 84.8 57.1 85.7
 51 40.3 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 43.49 ng
 RT: 2.84 min Scan# 83
 Delta R.T. -0.10 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion: 42 Resp: 319697
 Ion Ratio Lower Upper
 42 100
 74 119.8 117.0 175.4
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 87.45 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

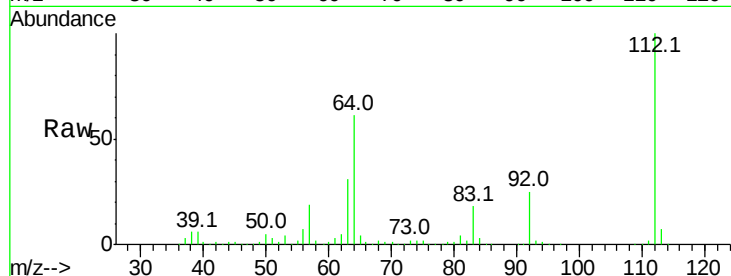
Tot Ion:112 Resp: 958493

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

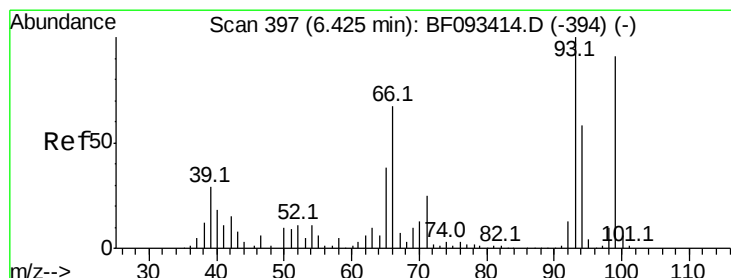
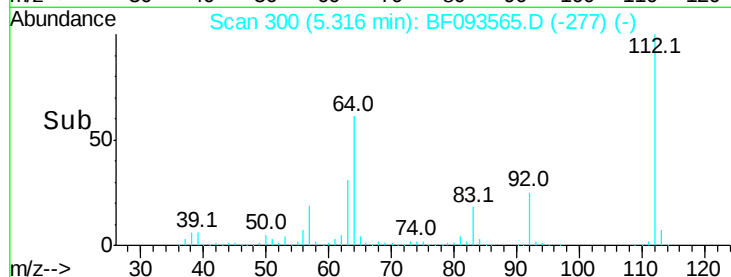
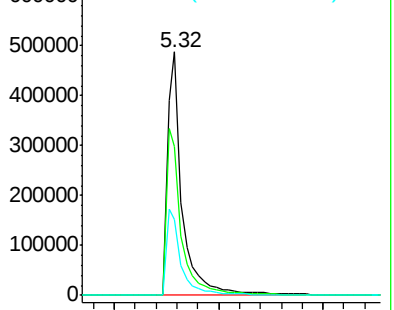
63 31.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.77 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

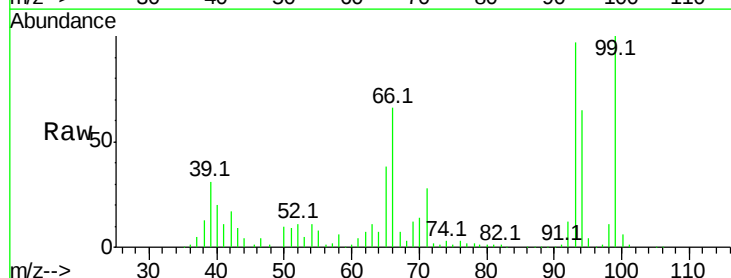
Tgt Ion: 93 Resp: 754358

Ion Ratio Lower Upper

93 100

66 68.2 76.2 114.2#

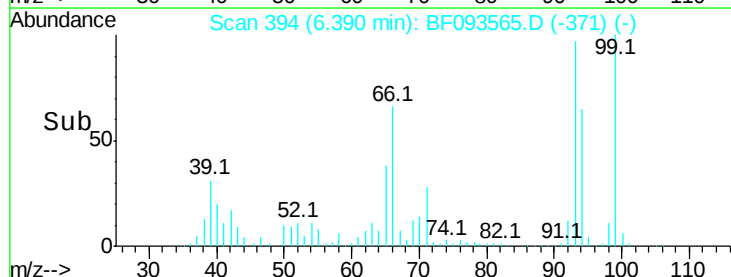
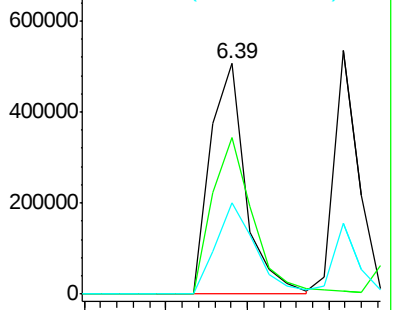
65 39.5 49.3 73.9#

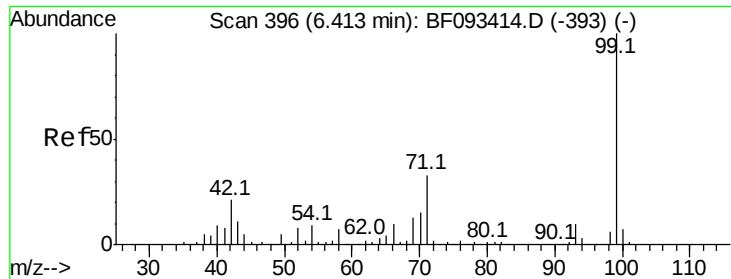


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.58 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

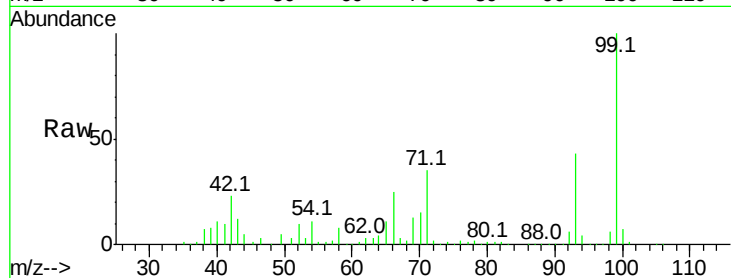
Instrument :

BNA_F

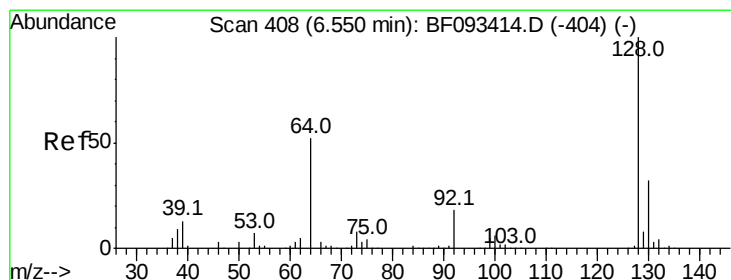
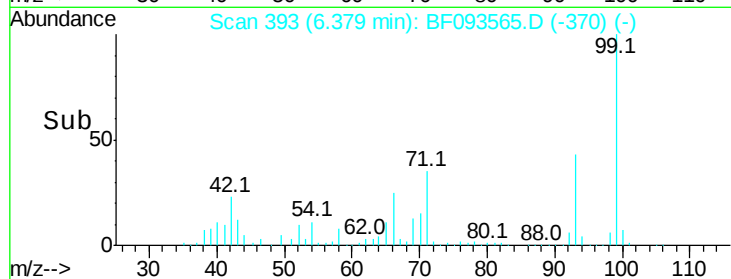
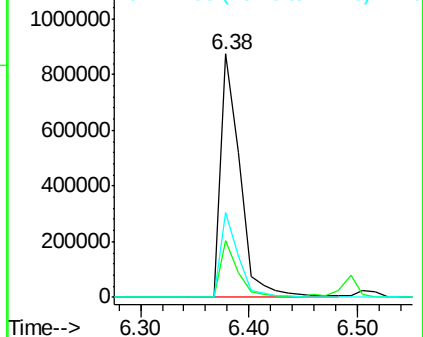
ClientSampled :

Tot Ion: 99 Resp: 1086050

Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.6	23.4#
71	34.9	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: 40.66 ng

RT: 6.50 min Scan# 404

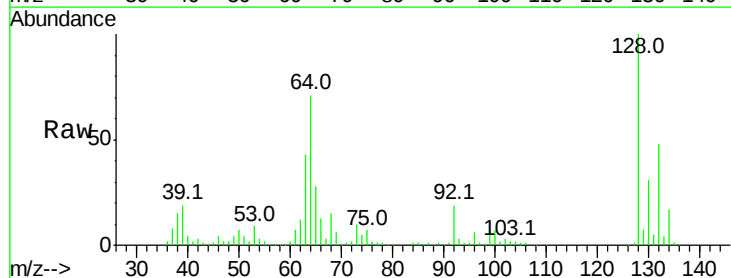
Delta R.T. -0.05 min

Lab File: BF093565.D

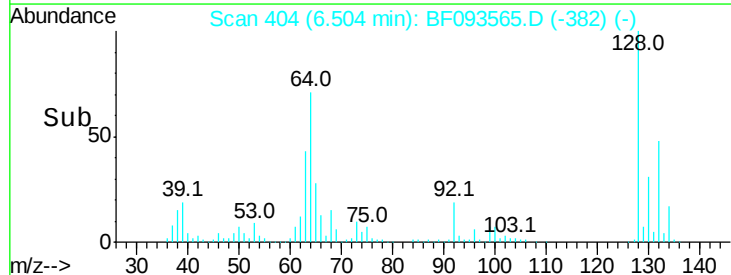
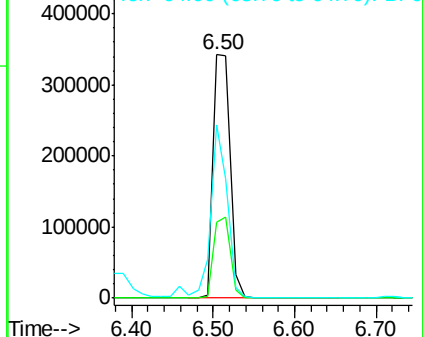
Acq: 11 Mar 2017 14:18

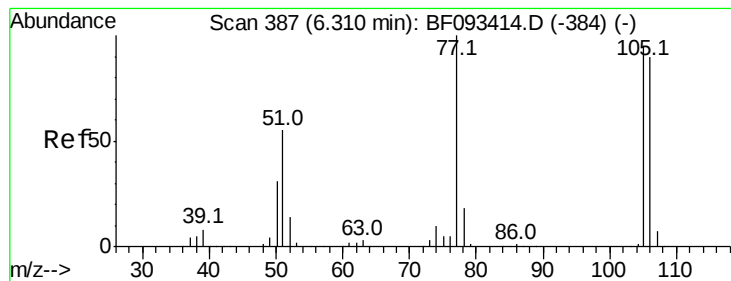
Tgt Ion: 128 Resp: 499293

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.3	52.3
64	71.1	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: 43.64 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

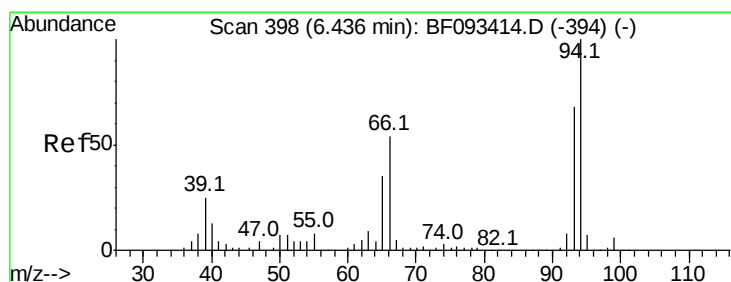
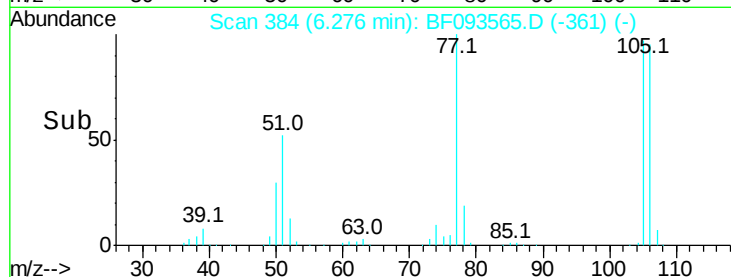
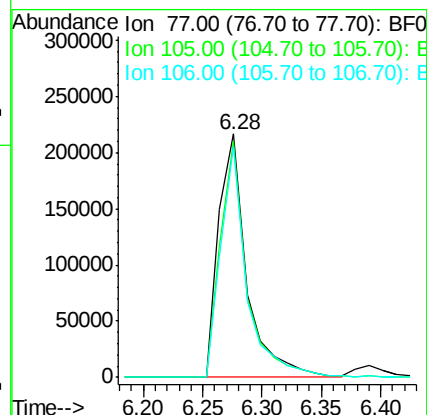
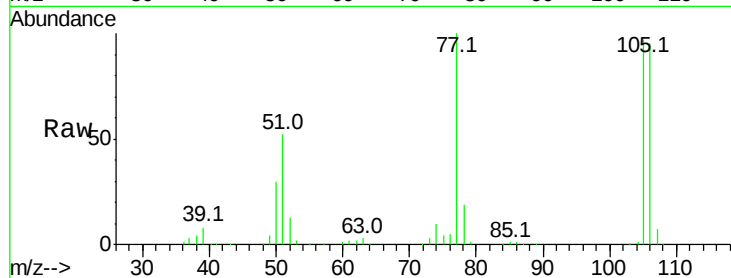
Tot Ion: 77 Resp: 355172

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

106 94.6 77.6 117.6



#10

Phenol

Concen: 42.50 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

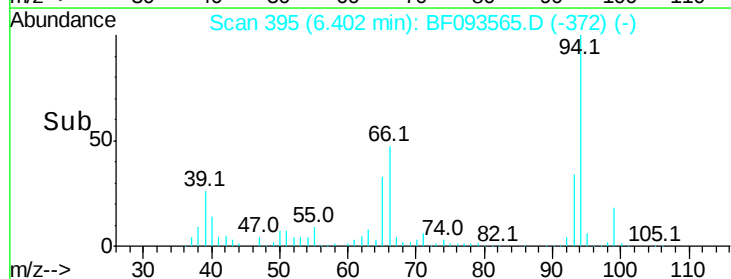
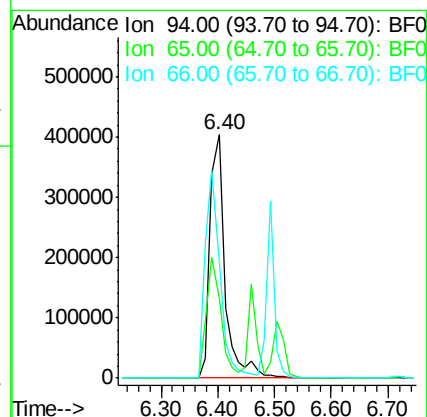
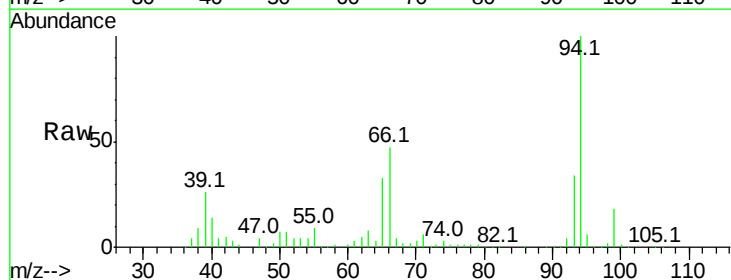
Tgt Ion: 94 Resp: 719731

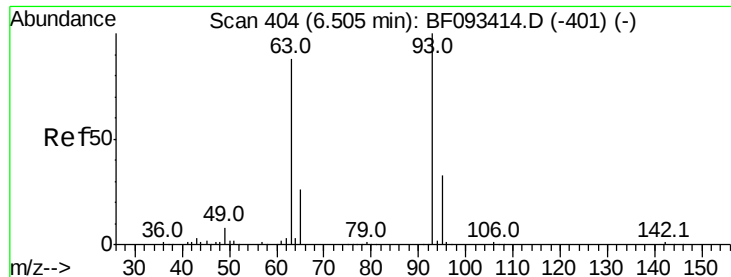
Ion Ratio Lower Upper

94 100

65 32.6 21.4 61.4

66 47.3 44.0 84.0

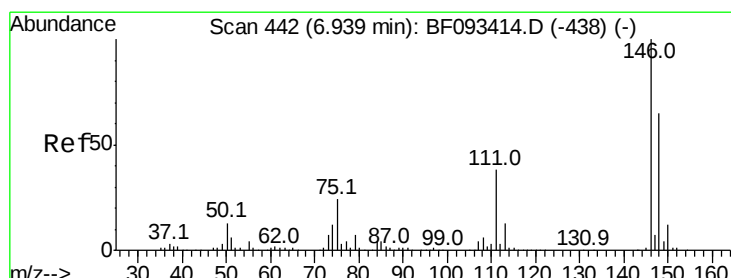
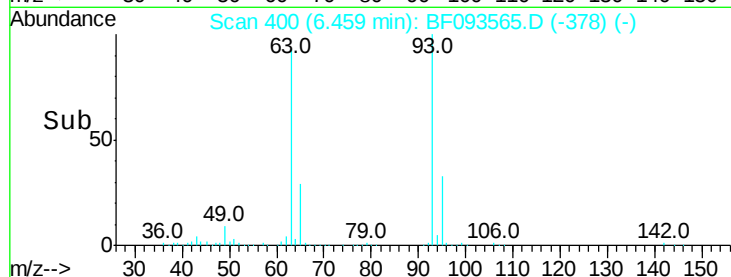
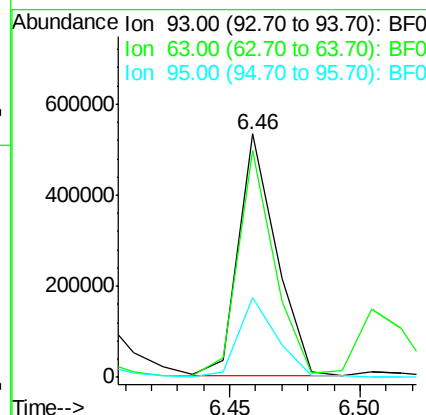
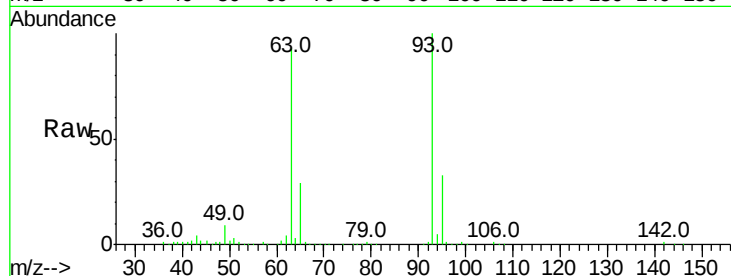




#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

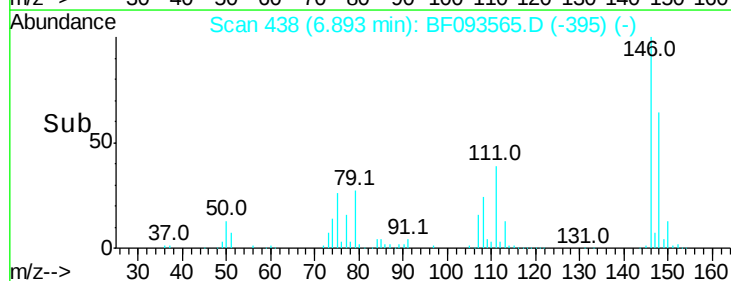
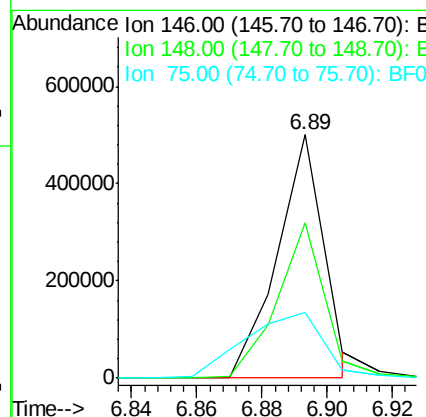
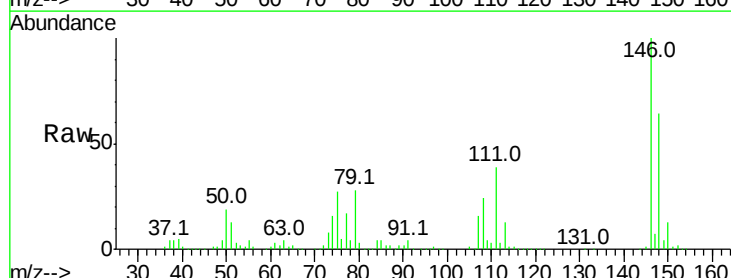
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 538182
Ion Ratio Lower Upper
93 100
63 93.3 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.52 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.19 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion: 146 Resp: 499325
Ion Ratio Lower Upper
146 100
148 63.5 53.4 80.0
75 27.1 18.5 27.7

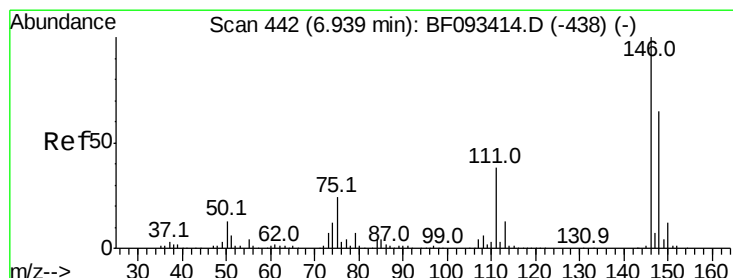
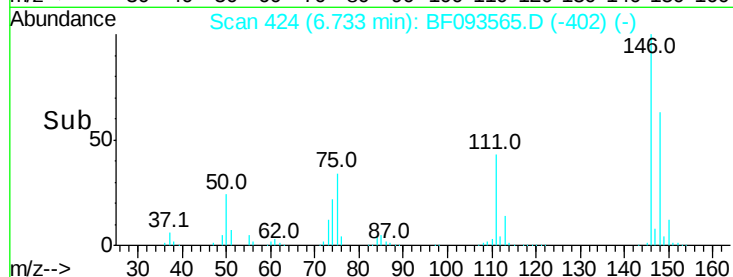
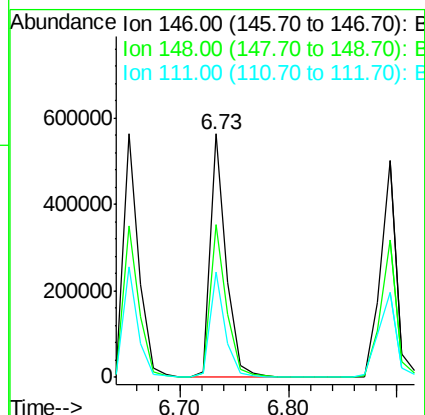
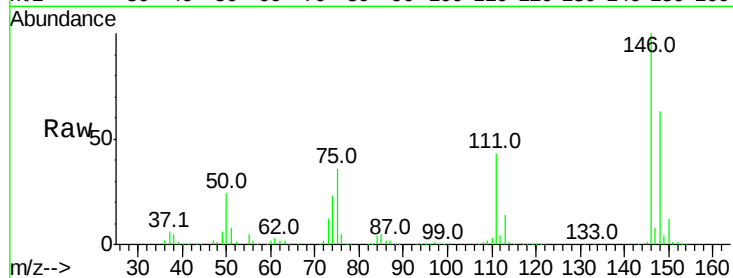




#13
 1,4-Dichlorobenzene
 Concen: 40.27 ng
 RT: 6.73 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

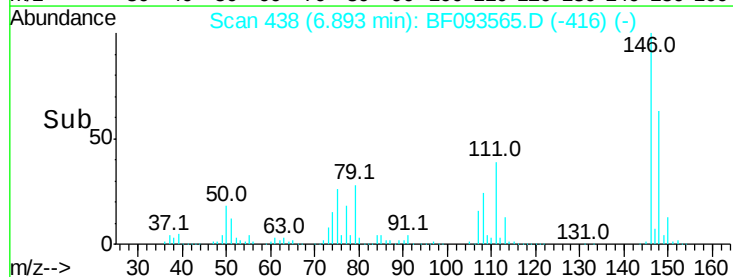
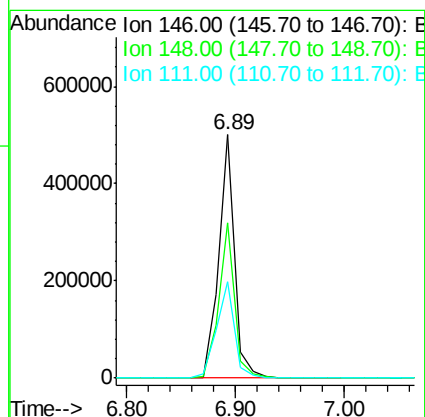
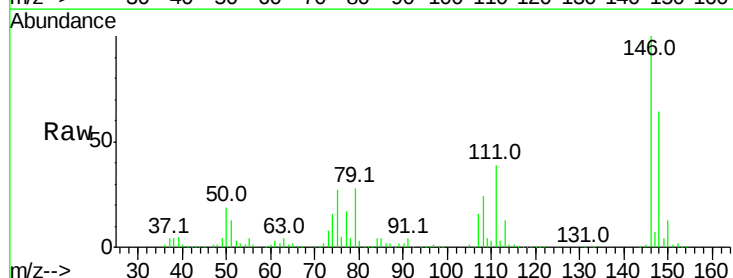
Instrument :
 BNA_F
 ClientSampleId :

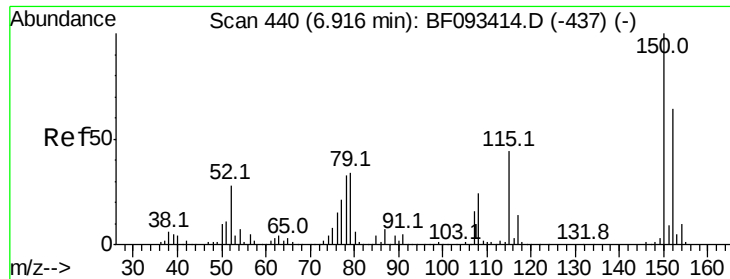
Tot Ion:146 Resp: 579556
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 43.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.89 min Scan# 438
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:146 Resp: 514140
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 39.4 36.2 54.2

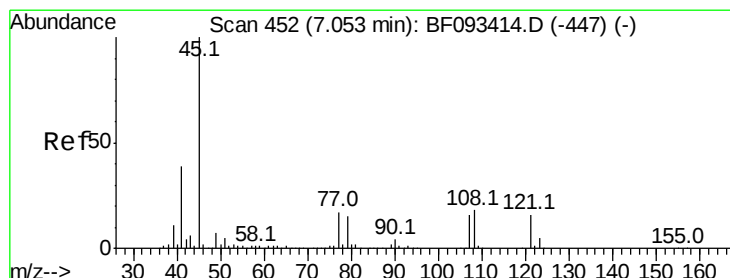
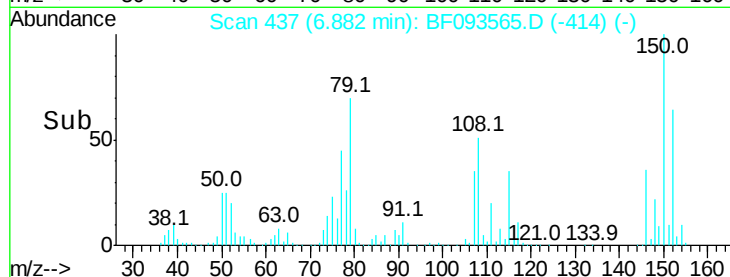
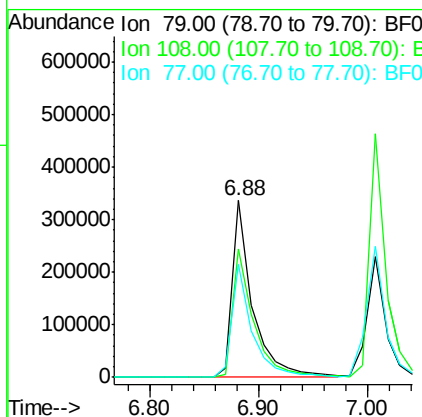
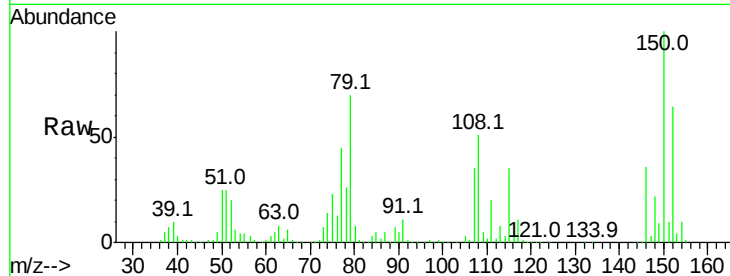




#15
Benzyl Alcohol
Concen: 43.69 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

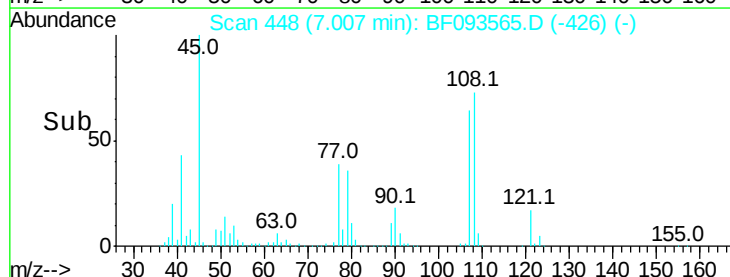
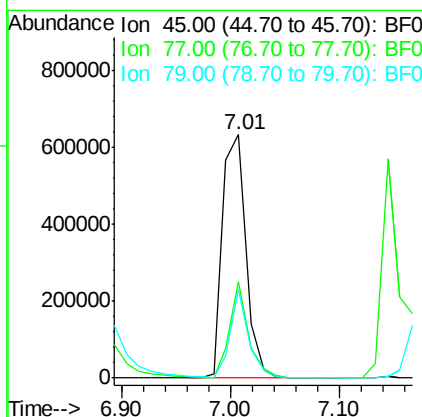
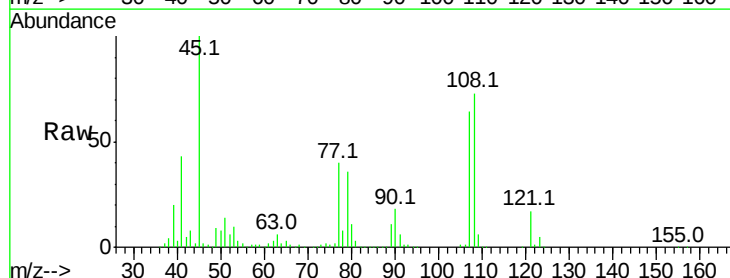
Instrument :
BNA_F
ClientSampled :

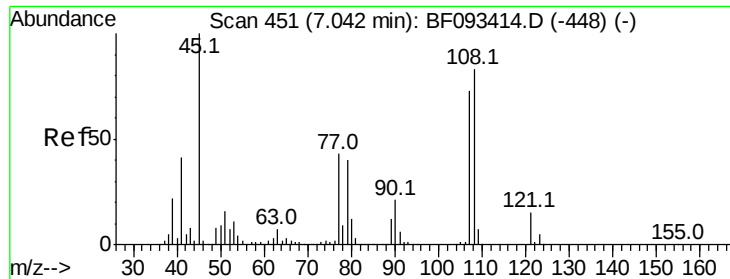
Tot Ion: 79 Resp: 430423
Ion Ratio Lower Upper
79 100
108 73.1 61.4 92.0
77 64.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.65 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion: 45 Resp: 947152
Ion Ratio Lower Upper
45 100
77 39.5 0.0 34.6#
79 36.5 0.0 31.2#





#17

2-Methylphenol

Concen: 40.71 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 422835

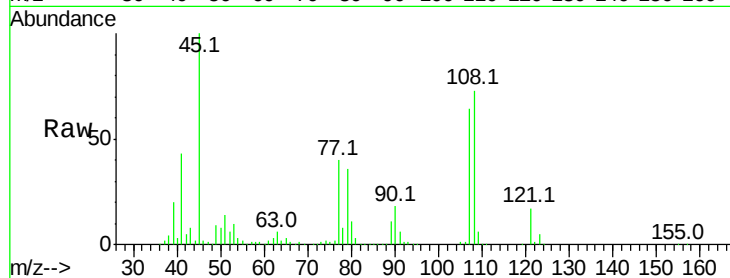
Ion Ratio Lower Upper

107 100

108 113.6 93.0 139.6

77 61.3 39.8 59.8#

79 56.6 38.0 57.0

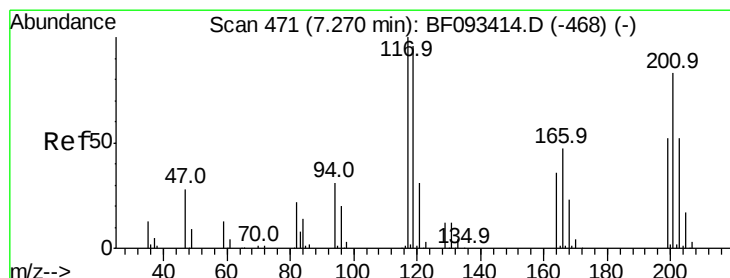
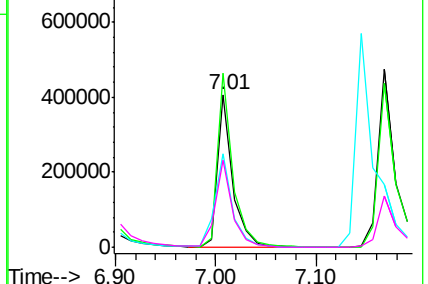
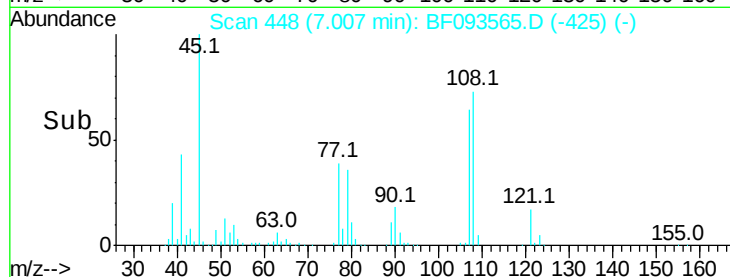


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.83 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

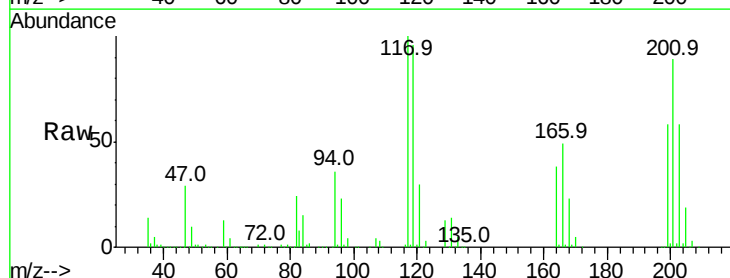
Tgt Ion:117 Resp: 203029

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

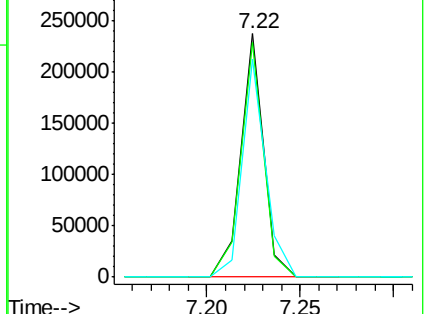
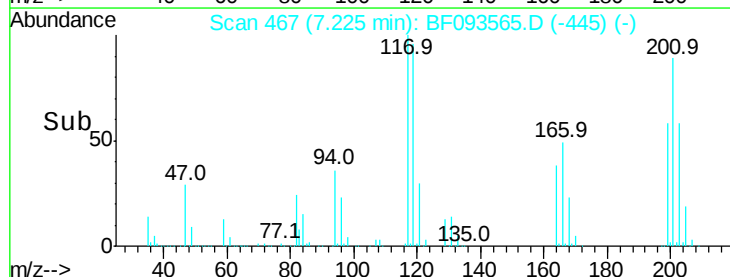
201 89.5 78.6 117.8

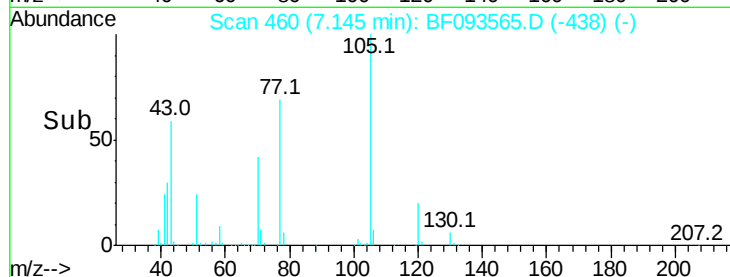
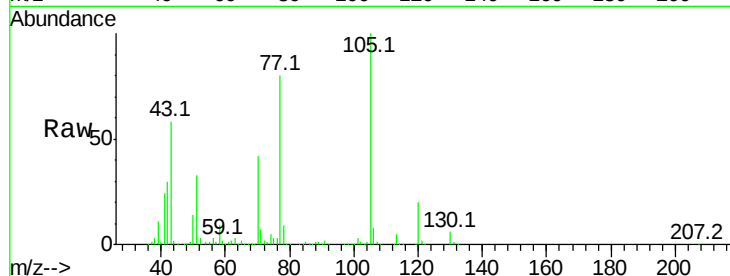
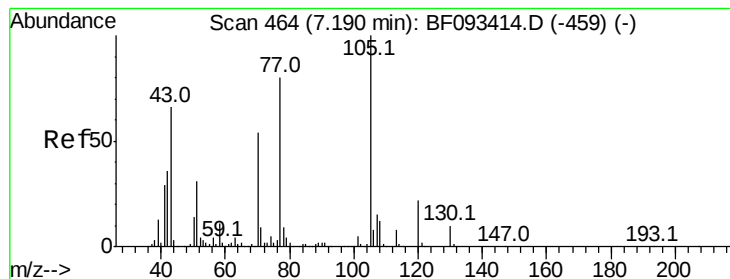


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.89 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 379012

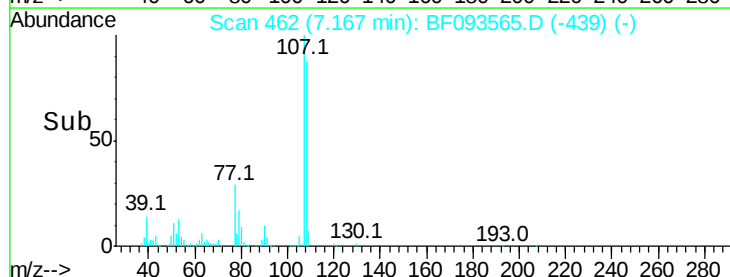
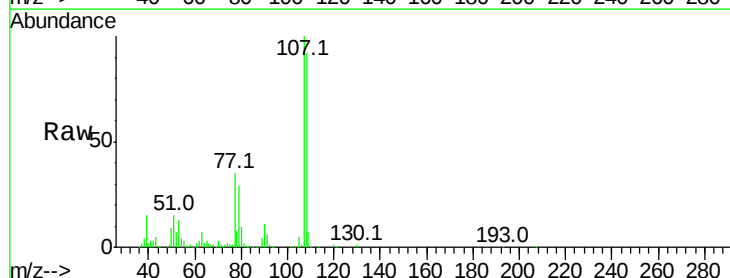
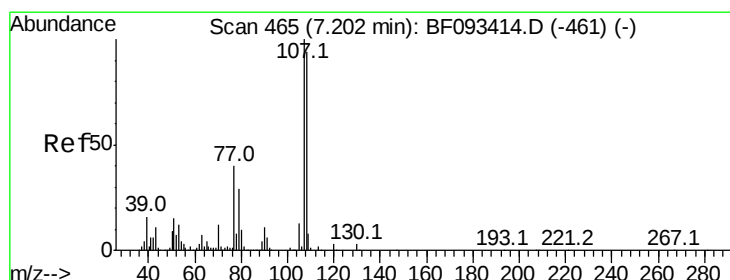
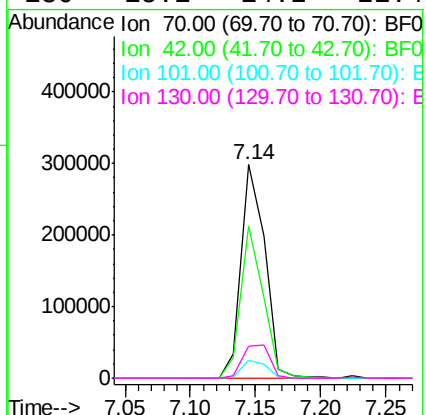
Ion Ratio Lower Upper

70 100

42 71.3 49.4 74.0

101 8.2 7.4 11.2

130 15.1 14.2 21.4



#20

3+4-Methylphenols

Concen: 43.45 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion:107 Resp: 585278

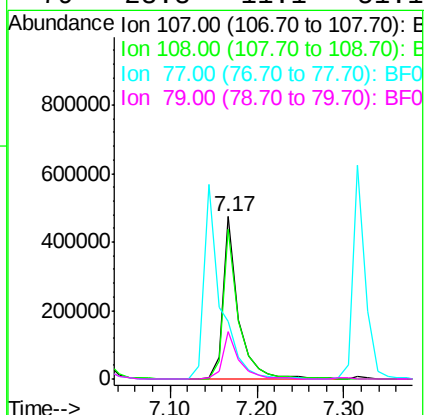
Ion Ratio Lower Upper

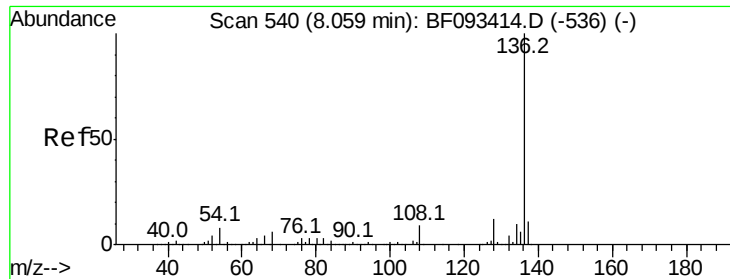
107 100

108 92.0 73.0 113.0

77 35.3 71.3 111.3#

79 28.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 754182

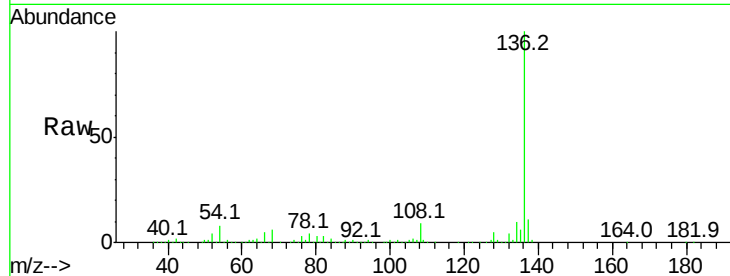
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.6 4.5 6.7#

68 5.6 3.6 5.4#

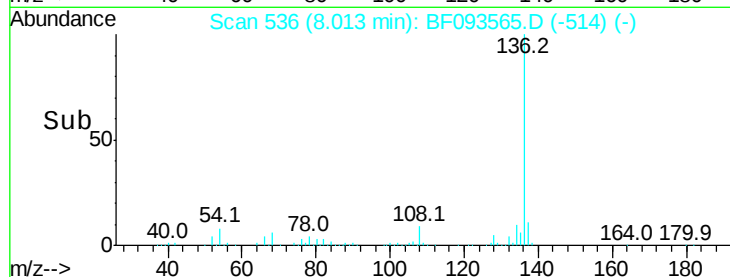


Abundance Ion 136.00 (135.70 to 136.70): E

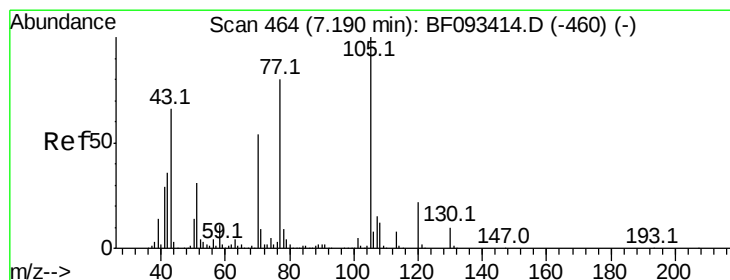
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.01 8.10



#22

Acetophenone

Concen: 39.34 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion:105 Resp: 714015

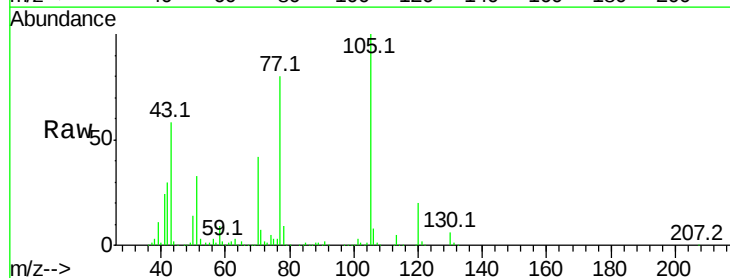
Ion Ratio Lower Upper

105 100

71 7.2 3.2 4.8#

51 32.5 26.2 39.4

120 20.3 16.6 24.8

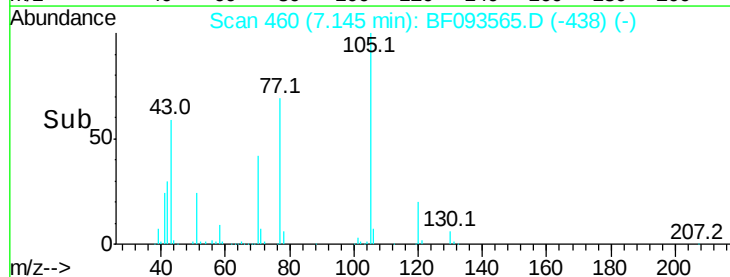


Abundance Ion 105.00 (104.70 to 105.70): E

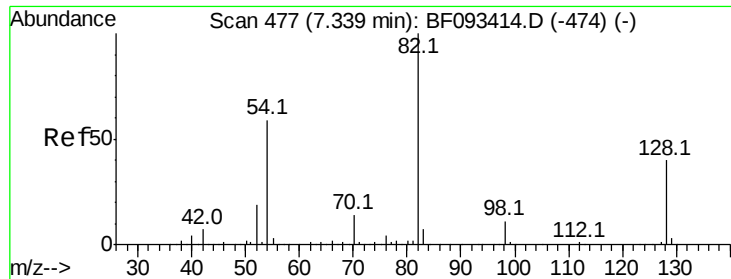
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.20 7.30

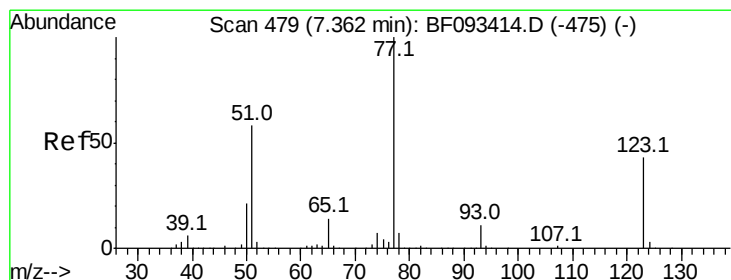
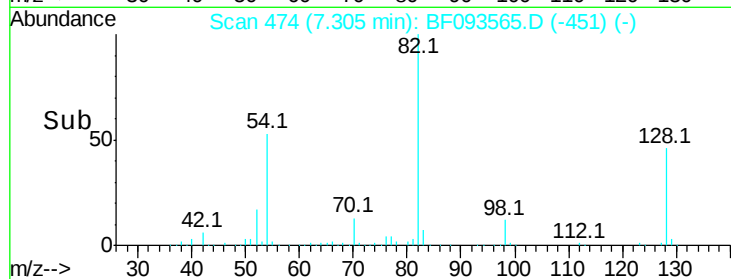
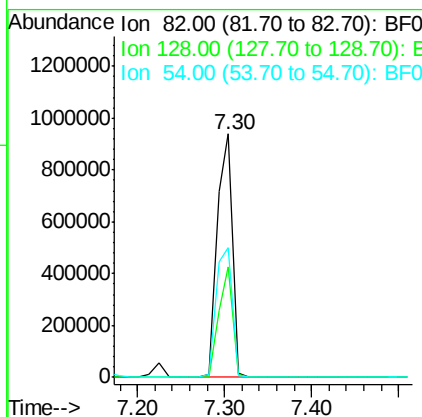
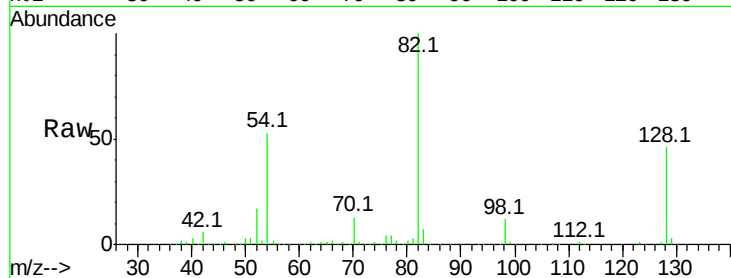


#23
 Nitrobenzene-d5
 Concen: 85.69 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1164756

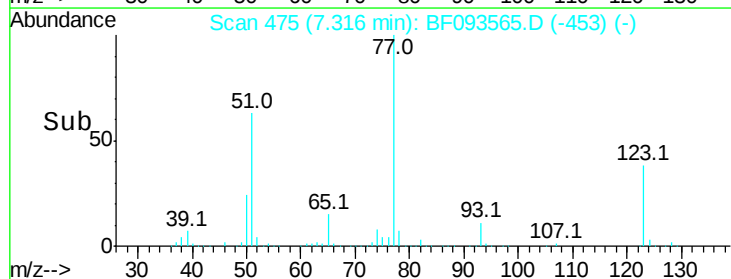
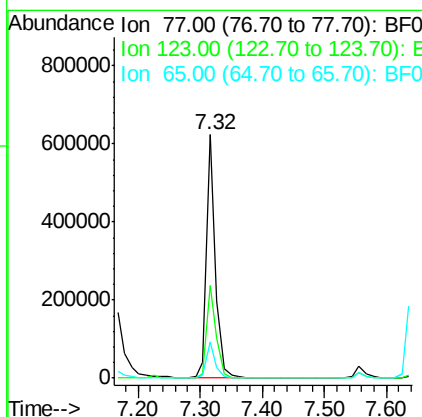
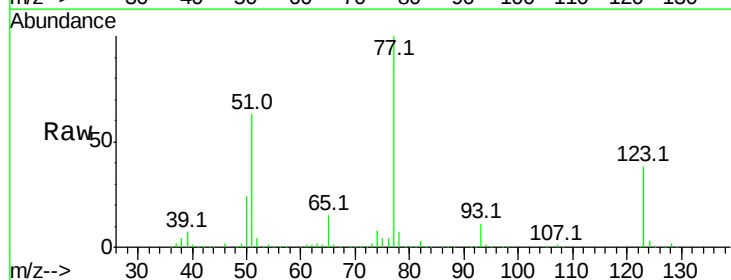
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	53.4	39.5	59.3

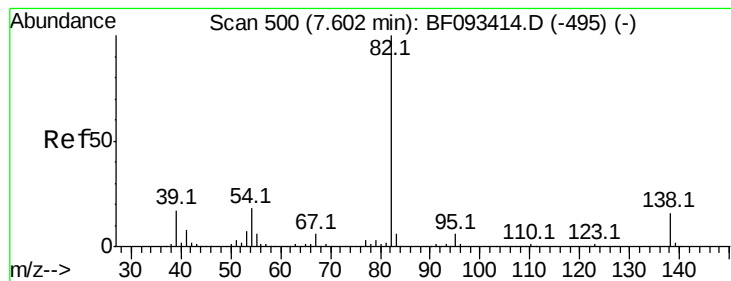


#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion: 77 Resp: 621495

Ion	Ratio	Lower	Upper
77	100		
123	38.0	33.0	49.4
65	14.8	11.2	16.8





#25

Isophorone

Concen: 40.70 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

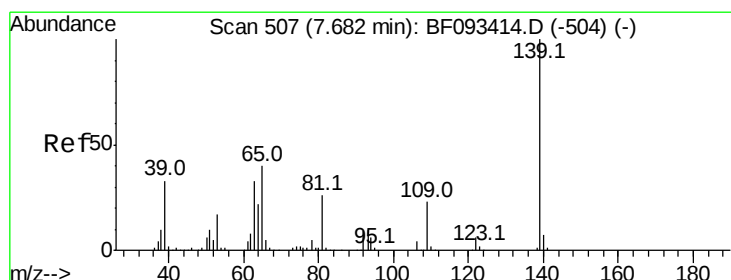
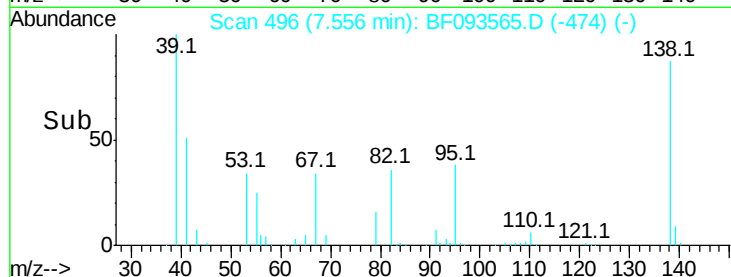
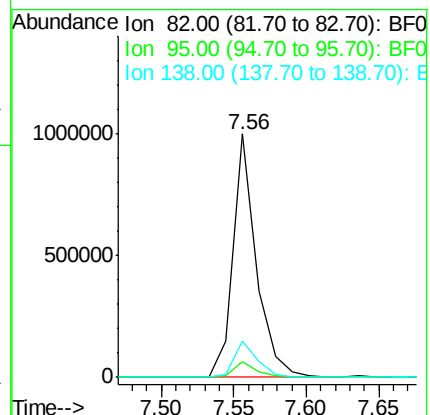
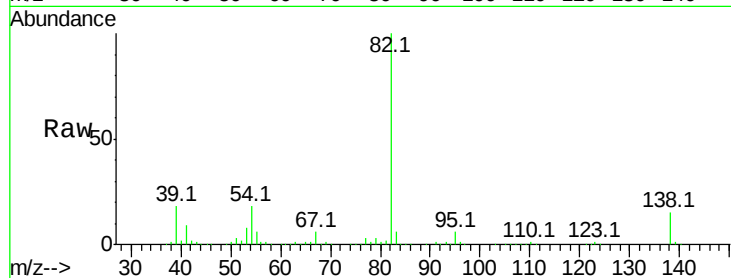
Tot Ion: 82 Resp: 1115509

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 14.9 14.6 22.0



#26

2-Nitrophenol

Concen: 42.46 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

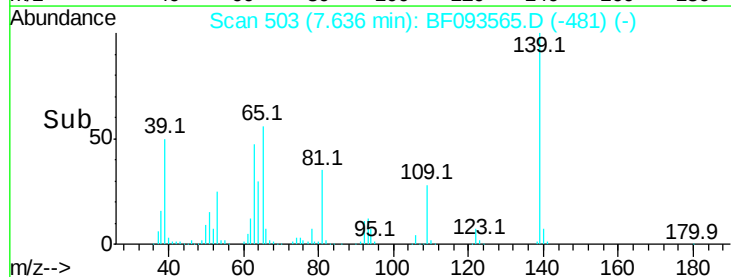
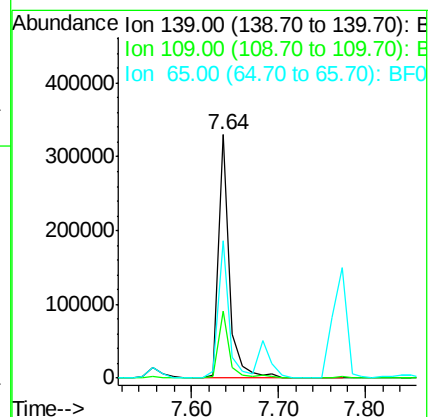
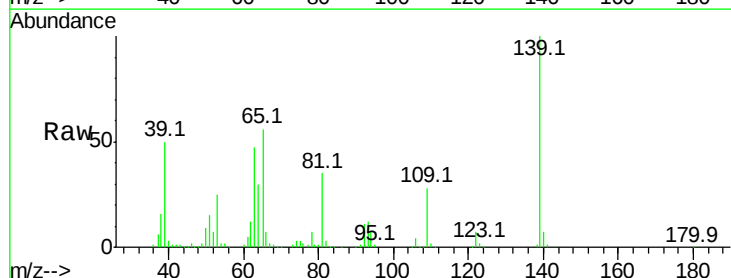
Tgt Ion: 139 Resp: 295941

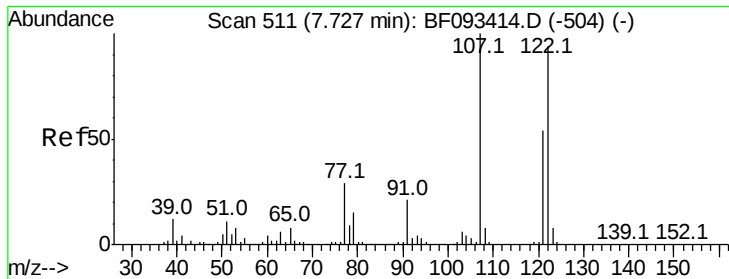
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 56.4 42.7 64.1

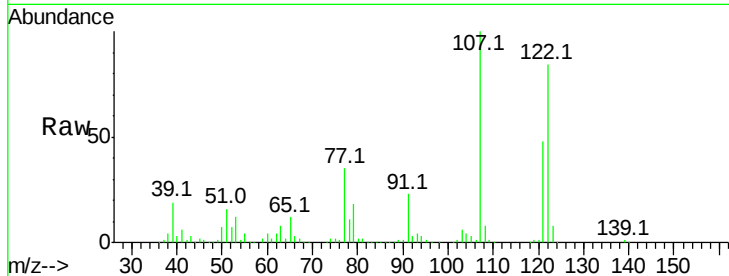




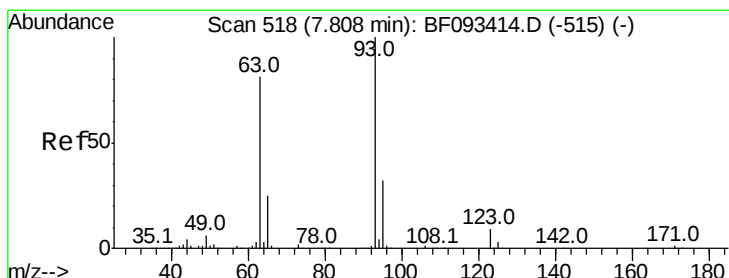
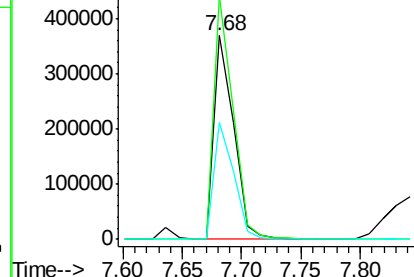
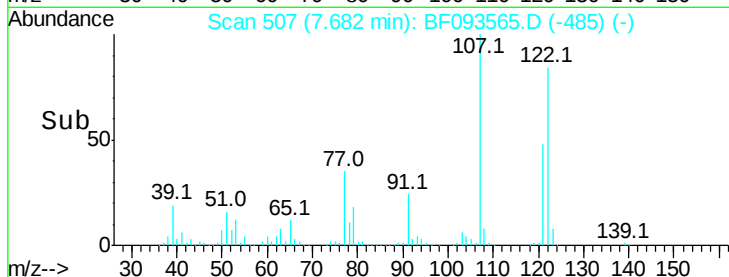
#27
 2,4-Dimethylphenol
 Concen: 37.12 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 420888
 Ion Ratio Lower Upper
 122 100
 107 119.7 94.1 141.1
 121 57.6 46.0 69.0

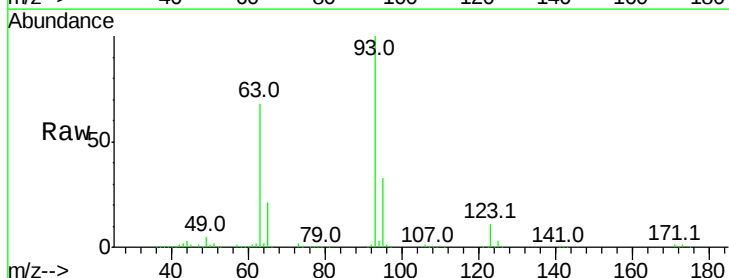


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

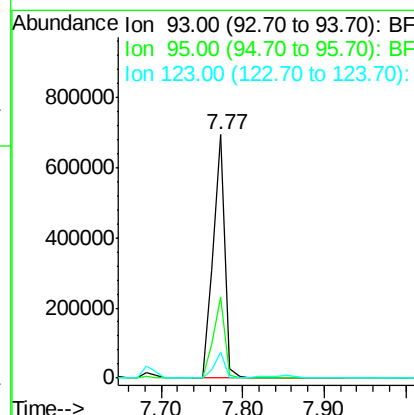
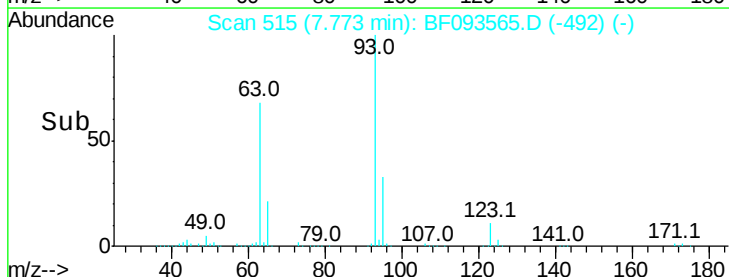


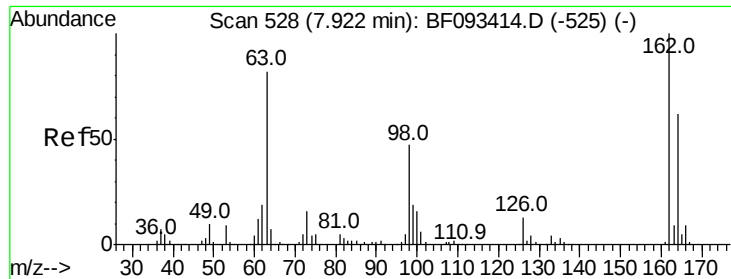
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.45 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion: 93 Resp: 717319
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 10.7 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

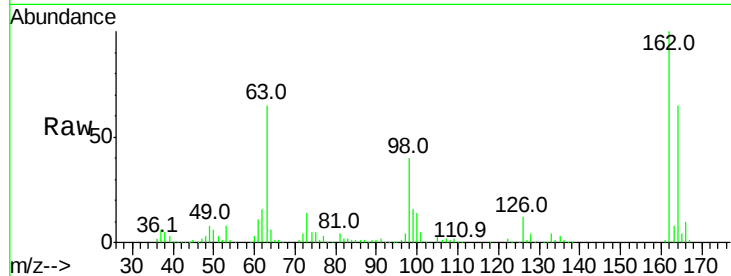




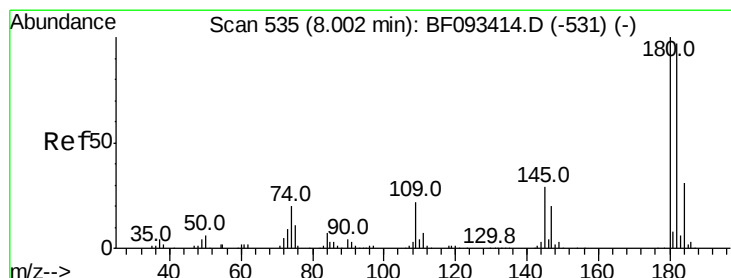
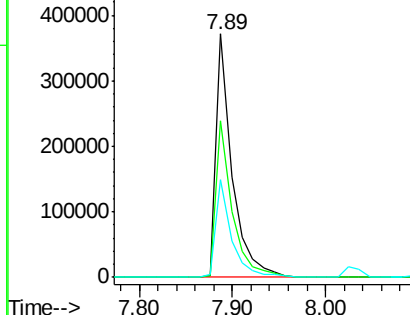
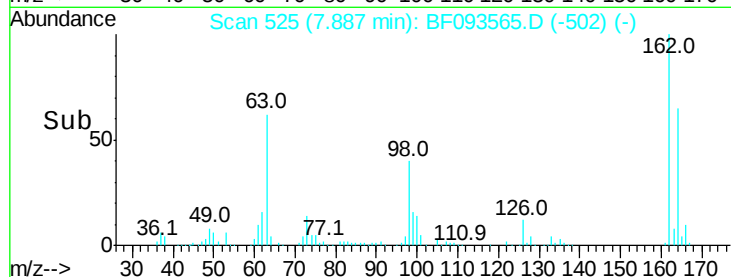
#29
 2,4-Dichlorophenol
 Concen: 41.48 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 442511
 Ion Ratio Lower Upper
 162 100
 164 64.6 46.8 86.8
 98 39.9 9.1 49.1

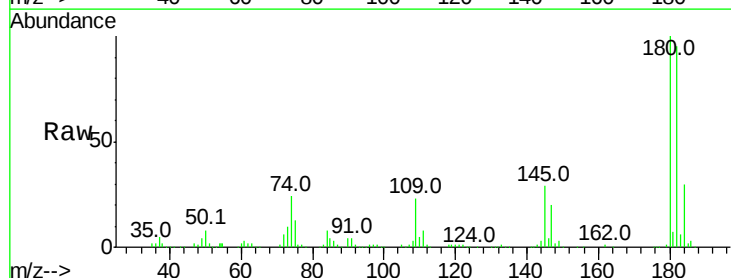


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

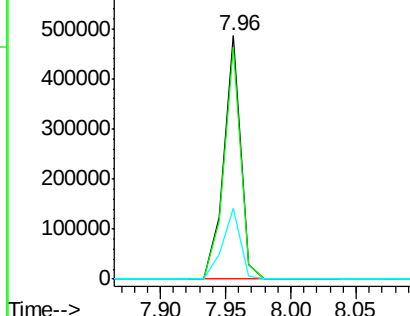
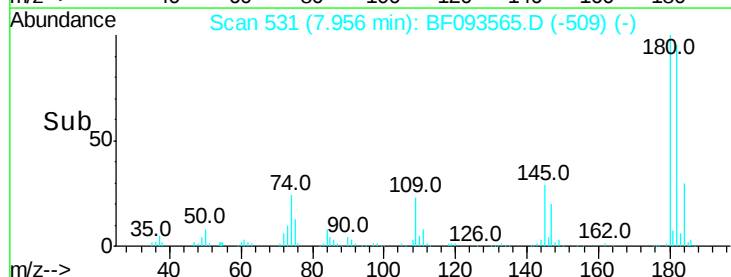


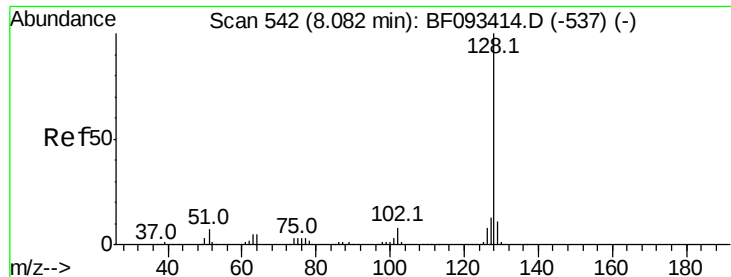
#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 7.96 min Scan# 531
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:180 Resp: 440946
 Ion Ratio Lower Upper
 180 100
 182 95.5 78.2 117.4
 145 29.3 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

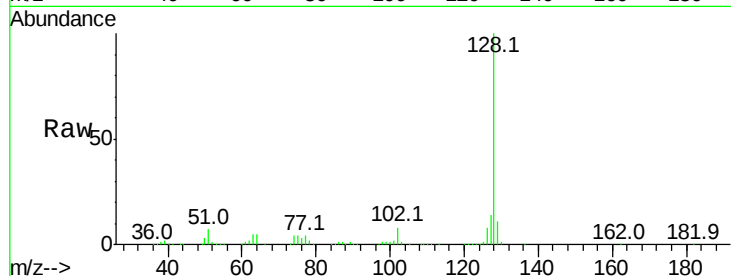




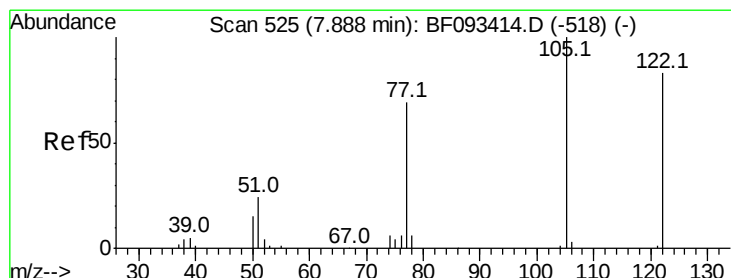
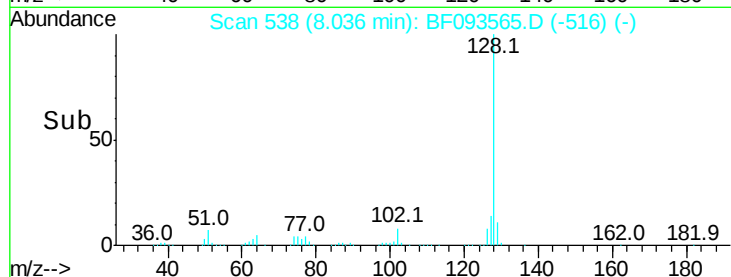
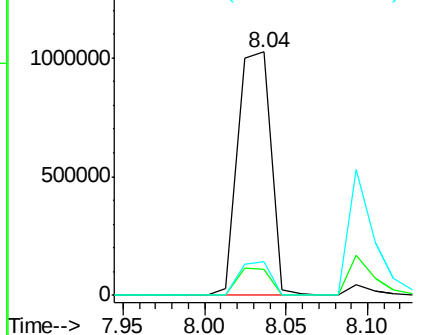
#31
Naphthalene
Concen: 37.94 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1433801
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.6 10.8 16.2

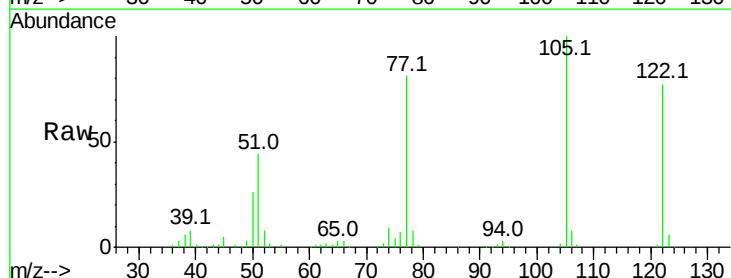


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

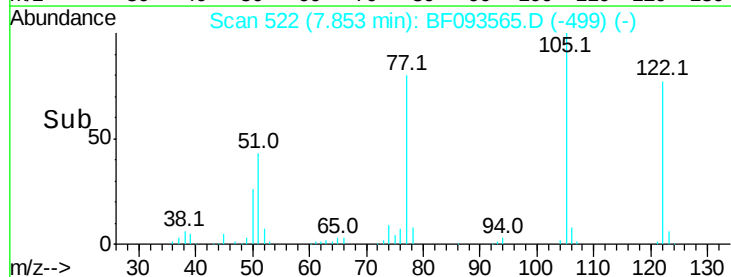
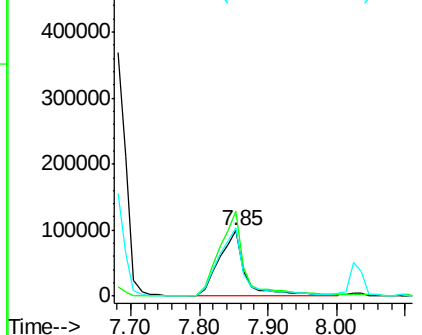


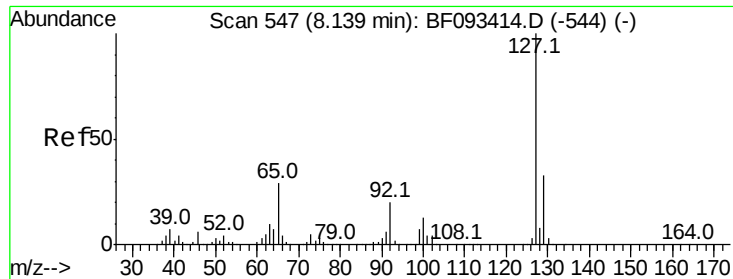
#32
Benzoic acid
Concen: 44.56 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:122 Resp: 262530
Ion Ratio Lower Upper
122 100
105 129.5 107.2 147.2
77 104.5 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

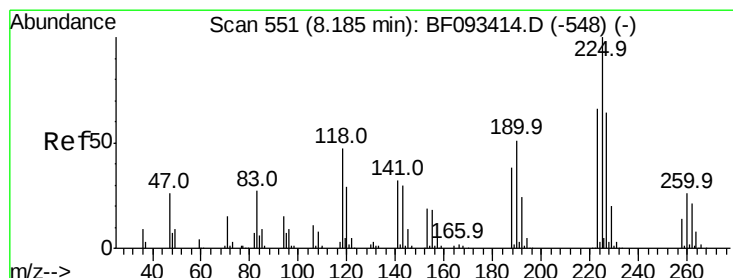
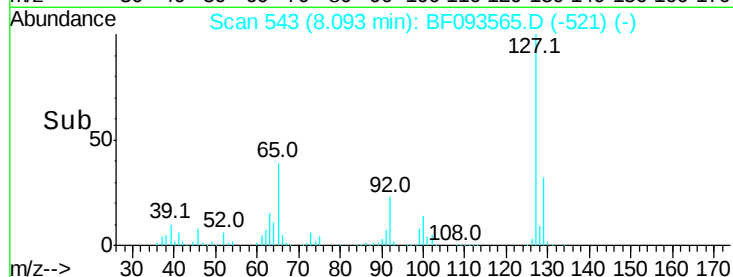
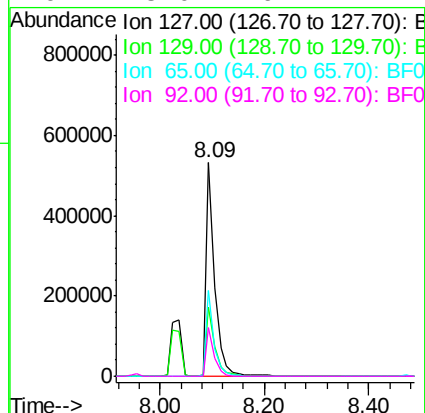
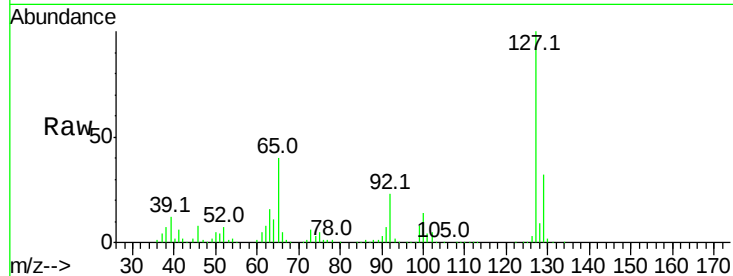




#33
4-Chloroaniline
Concen: 39.48 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

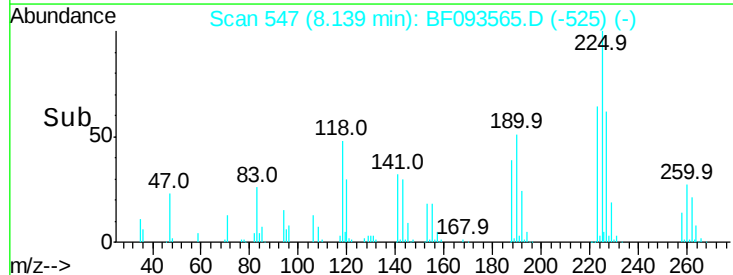
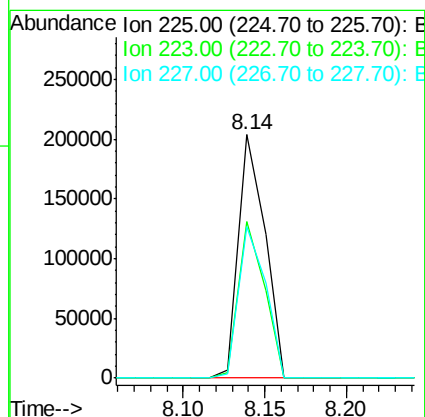
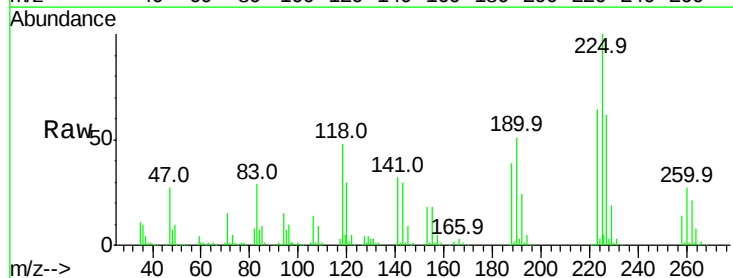
Instrument :
BNA_F
ClientSampleId :

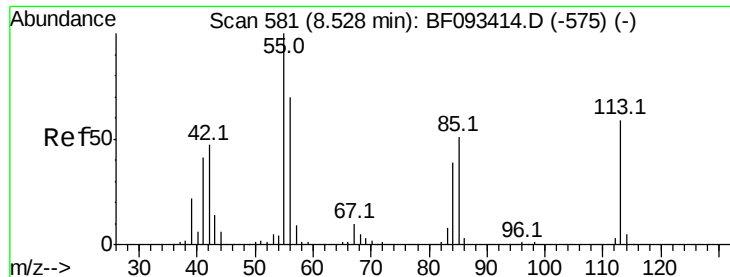
Tot Ion:	127	Resp:	605477
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	40.1	25.8	38.8
92	23.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:	225	Resp:	227828
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	62.1	50.6	76.0

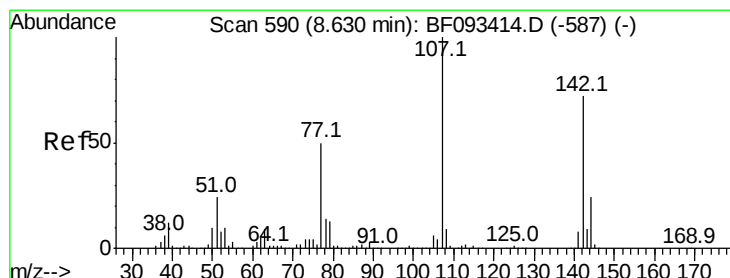
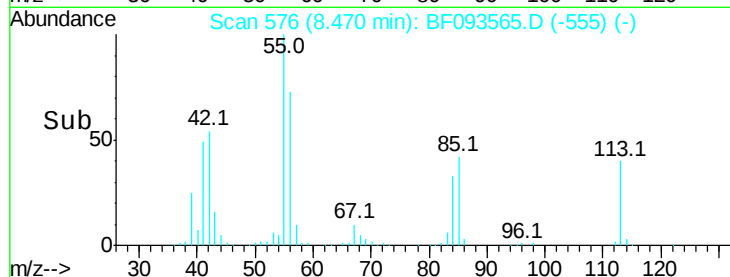
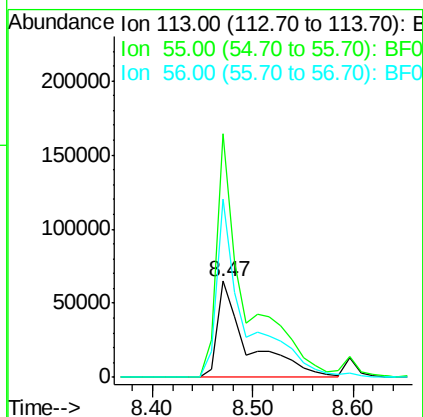
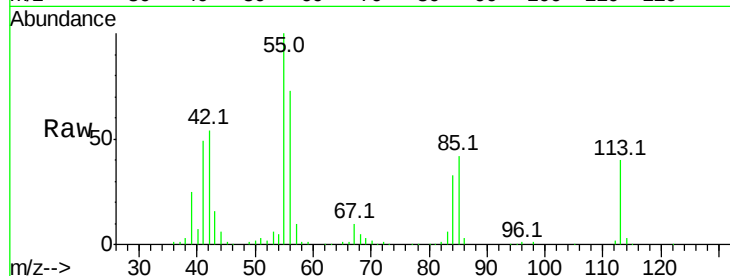




#35
 Caprolactam
 Concen: 37.81 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.06 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

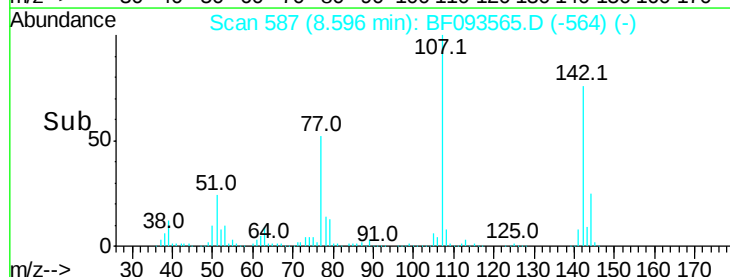
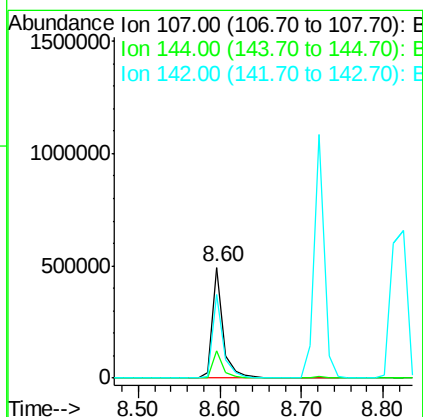
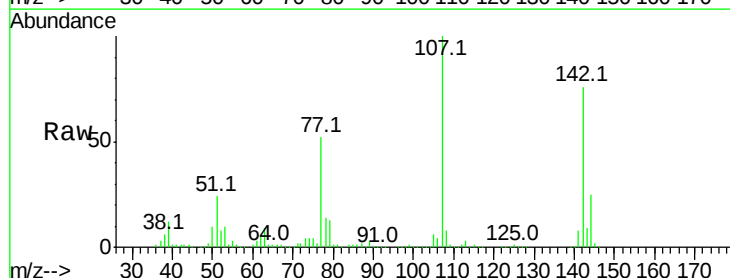
Instrument :
 BNA_F
 ClientSampleId :

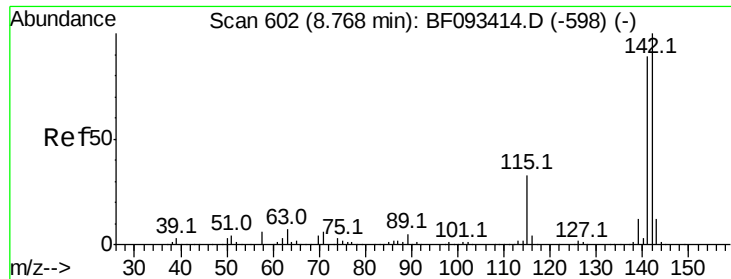
Tot Ion:113 Resp: 137747
 Ion Ratio Lower Upper
 113 100
 55 252.6 119.2 159.2#
 56 184.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.09 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:107 Resp: 467837
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 75.8 59.0 88.6

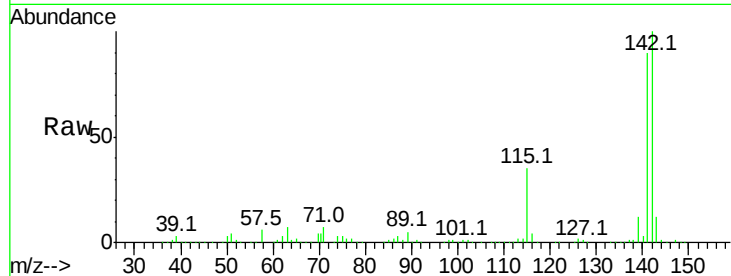




#37
2-Methylnaphthalene
Concen: 37.95 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	35.4	28.3	42.5

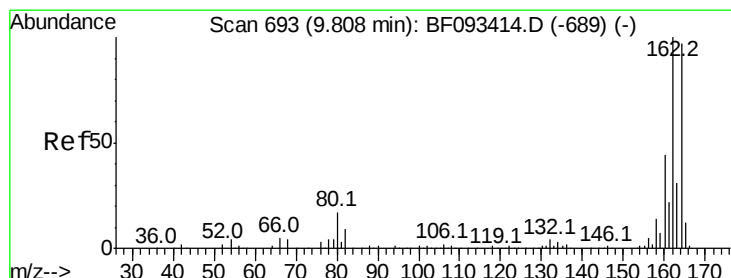
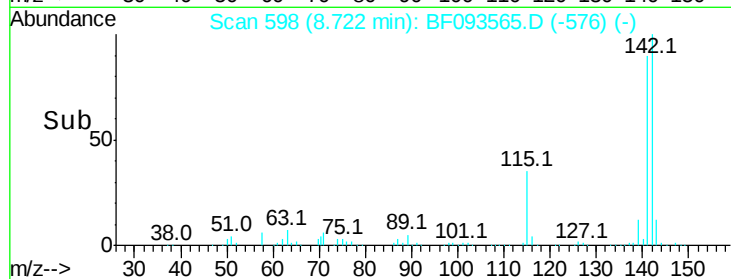
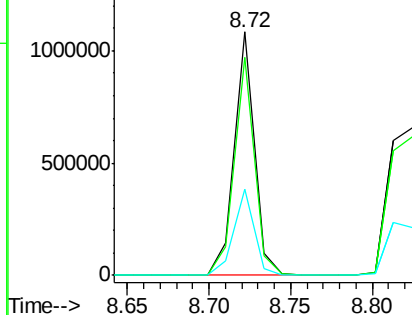


Abundance

Ion 142.00 (141.70 to 142.70): E

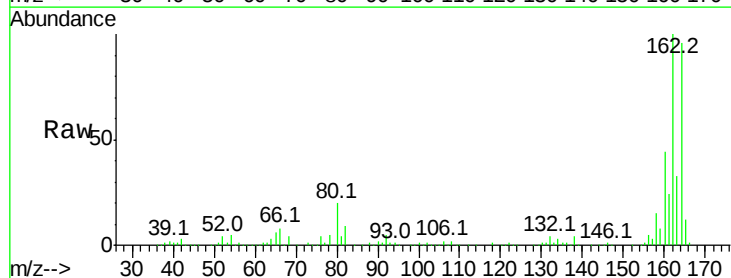
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.2	120.2
160	46.2	36.9	55.3

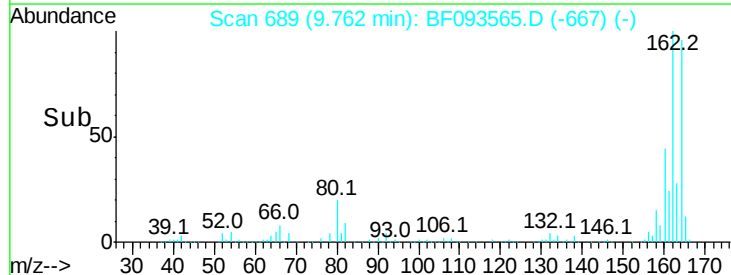
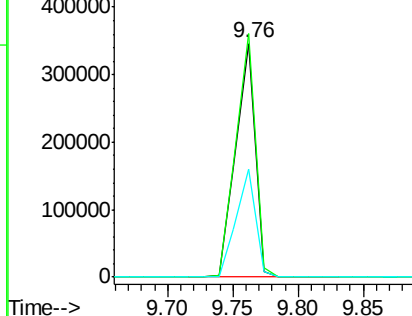


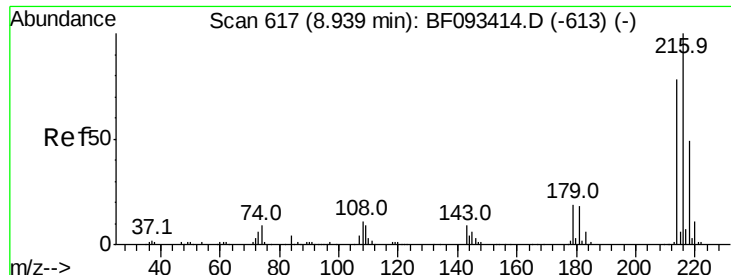
Abundance

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

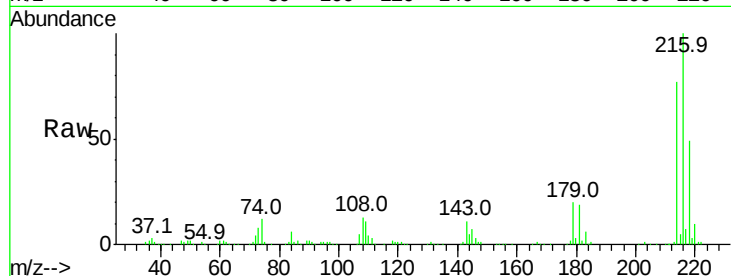




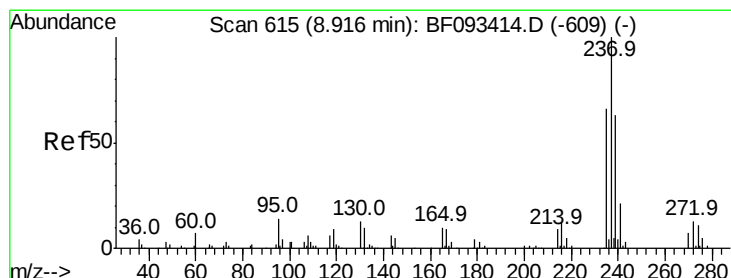
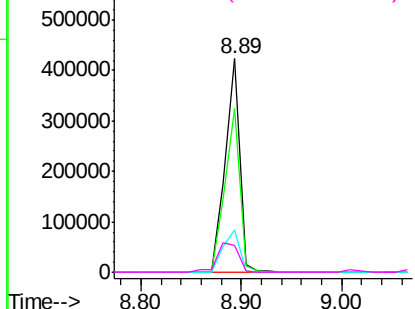
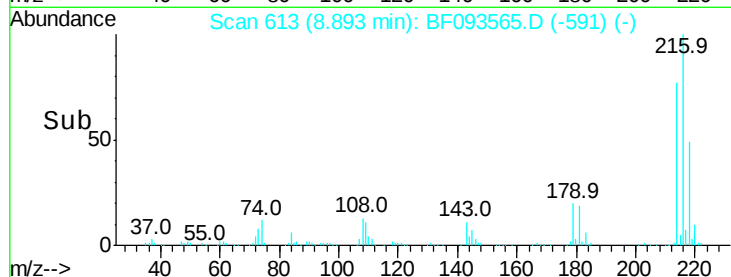
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.66 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	426451
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.0
179	22.4	17.4	26.2
108	20.3	15.6	23.4

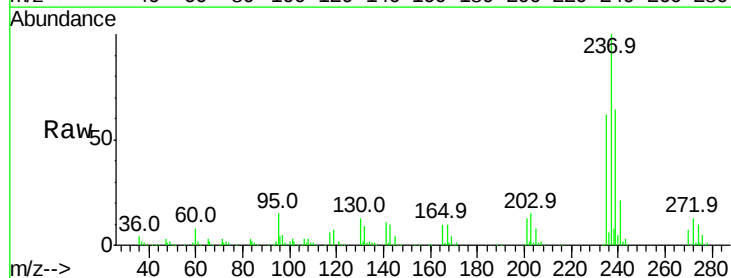


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

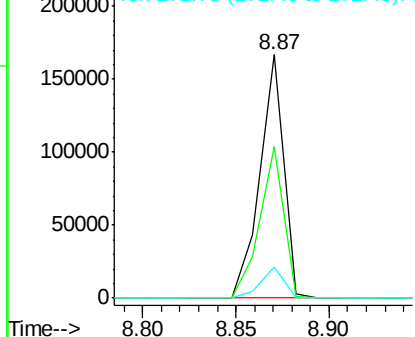
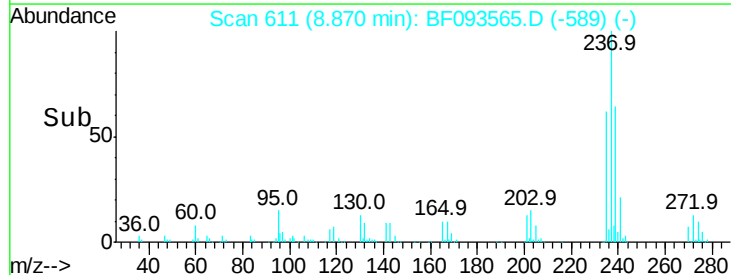


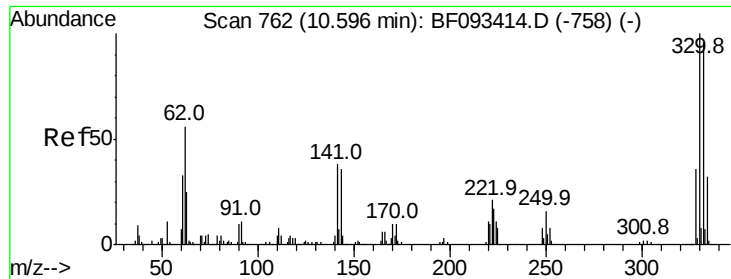
#40
 Hexachlorocyclopentadiene
 Concen: 62.43 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:	237	Resp:	146169
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.2	81.2
272	12.6	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

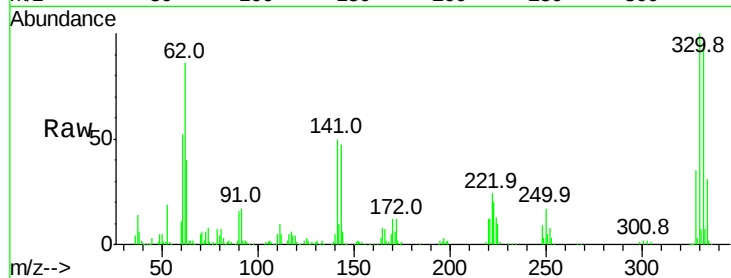




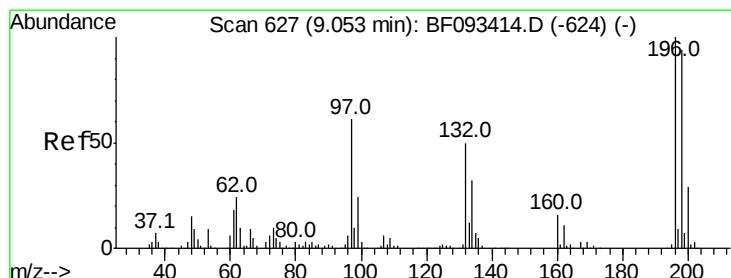
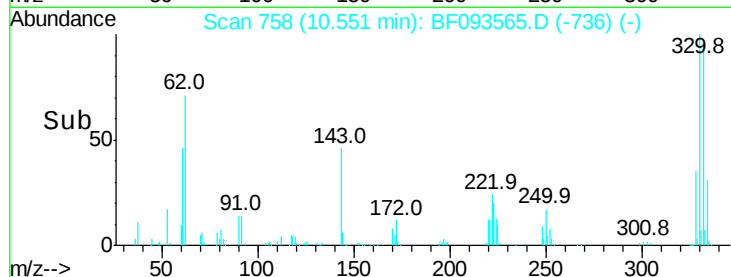
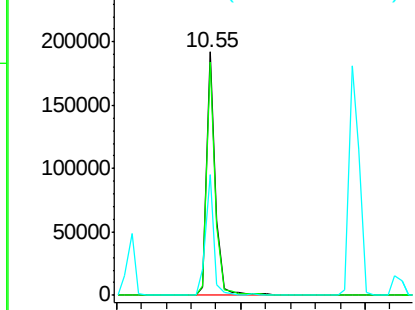
#41
 2,4,6-Tribromophenol
 Concen: 81.39 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 189672
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 47.0 34.1 51.1

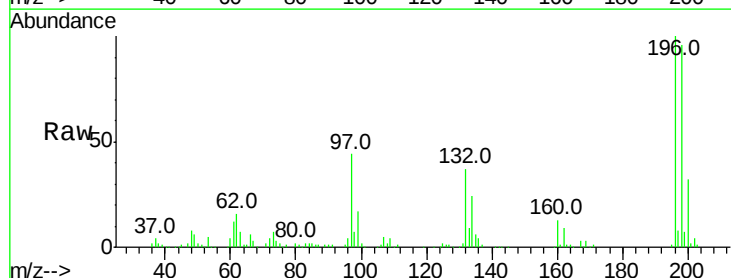


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

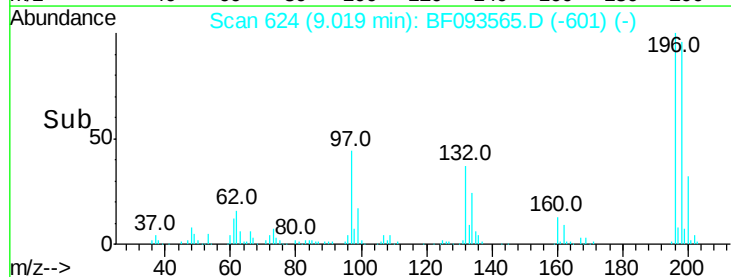
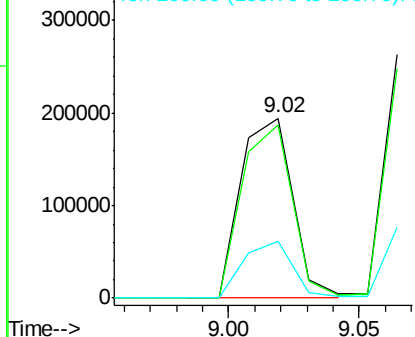


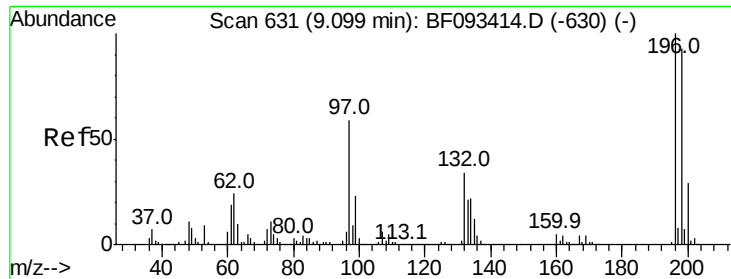
#42
 2,4,6-Trichlorophenol
 Concen: 44.05 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:196 Resp: 268813
 Ion Ratio Lower Upper
 196 100
 198 96.3 82.1 123.1
 200 31.7 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

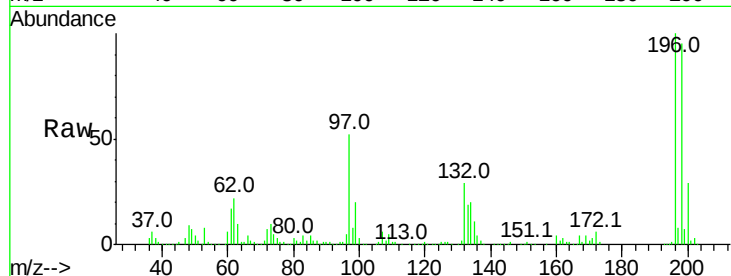




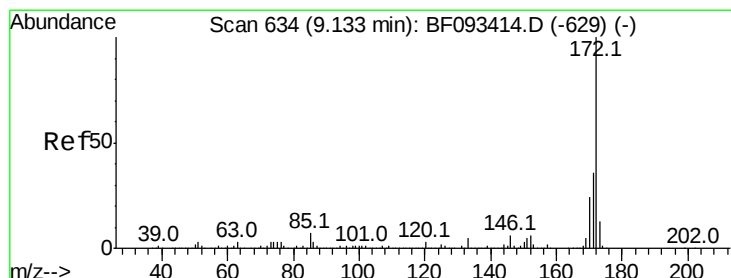
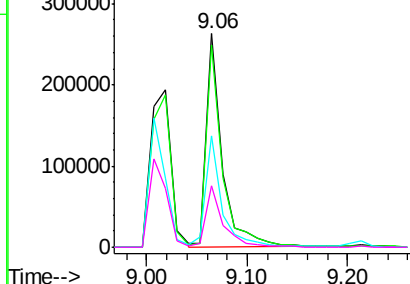
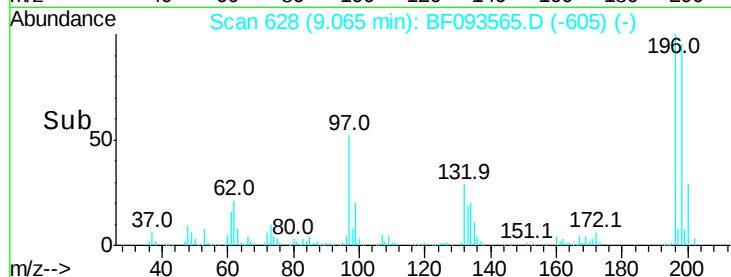
#43
 2,4,5-Trichlorophenol
 Concen: 43.89 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	287383
Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.2
97	51.9	51.5	77.3
132	29.0	27.4	41.2

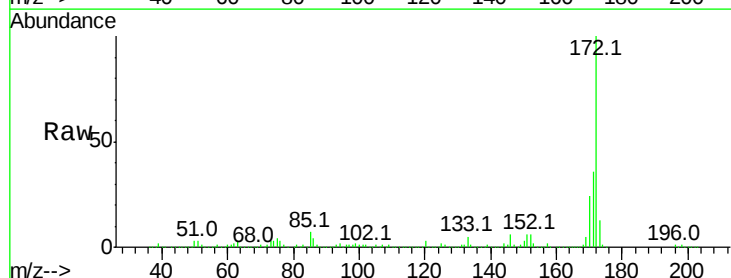


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

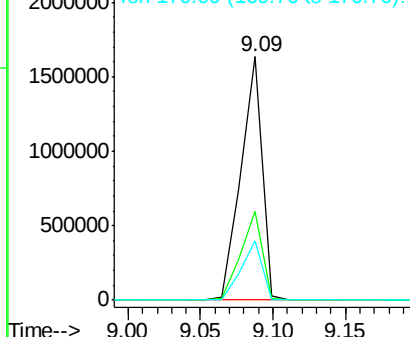
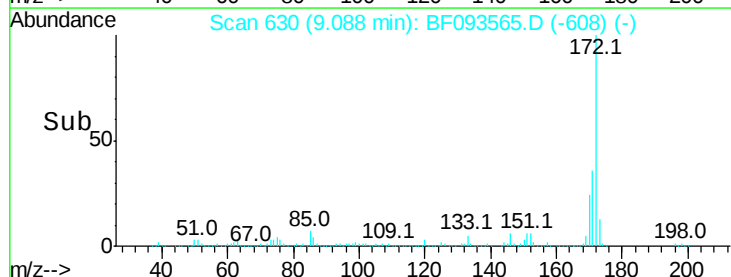


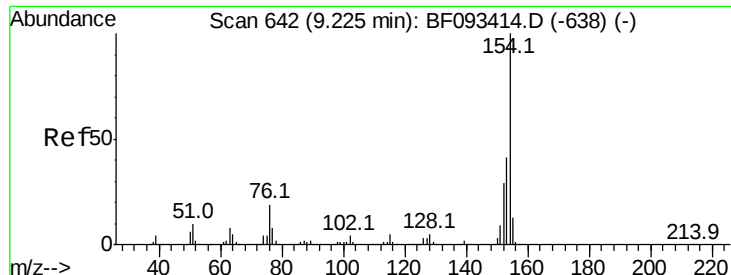
#44
 2-Fluorobiphenyl
 Concen: 86.29 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:	172	Resp:	1659390
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	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

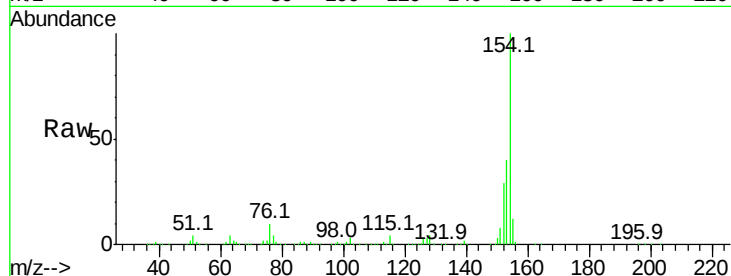




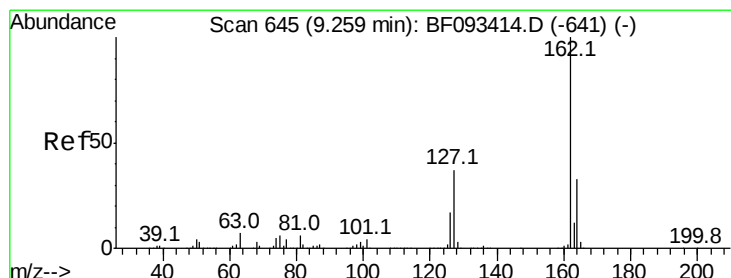
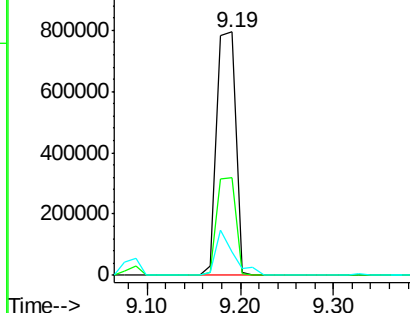
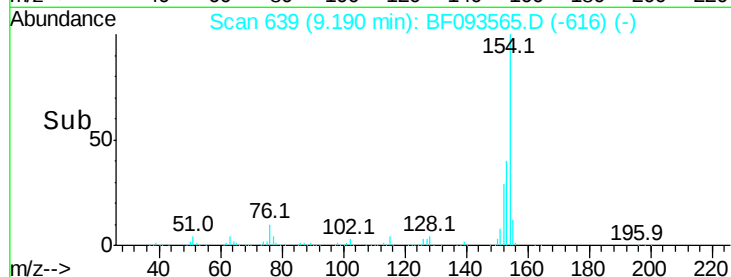
#45
 1,1'-Biphenyl
 Concen: 42.72 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1113275
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.9 60.9
 76 9.5 0.0 30.5

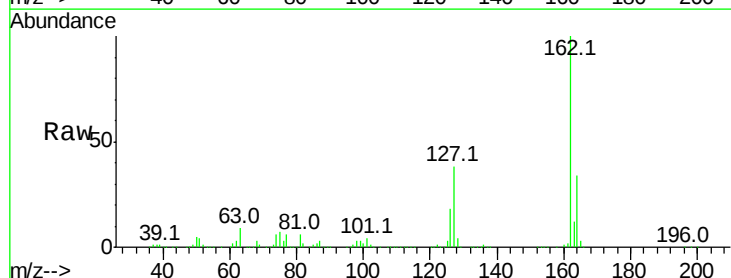


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

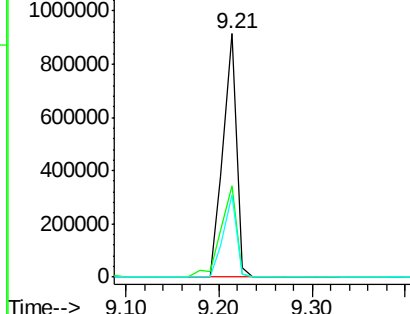
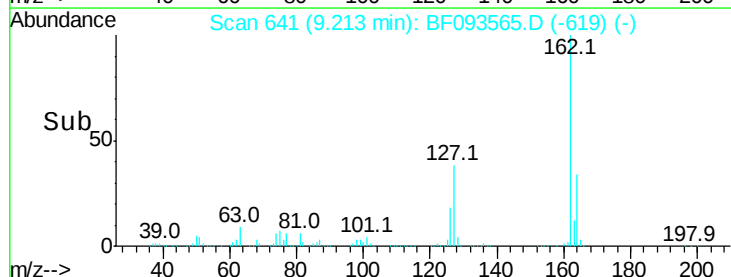


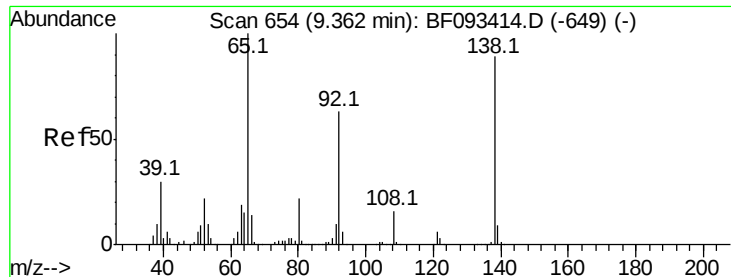
#46
 2-Chloronaphthalene
 Concen: 46.02 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:162 Resp: 917993
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.7 46.1
 164 33.6 27.6 41.4



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





#47

2-Nitroaniline

Concen: 51.32 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

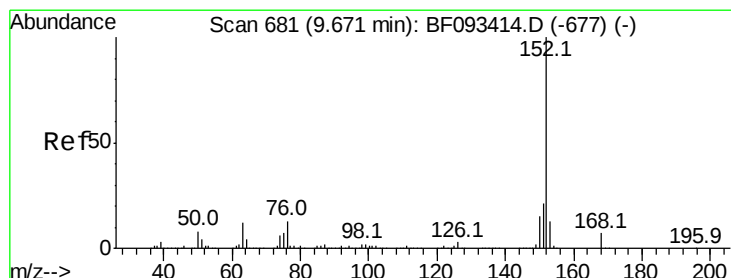
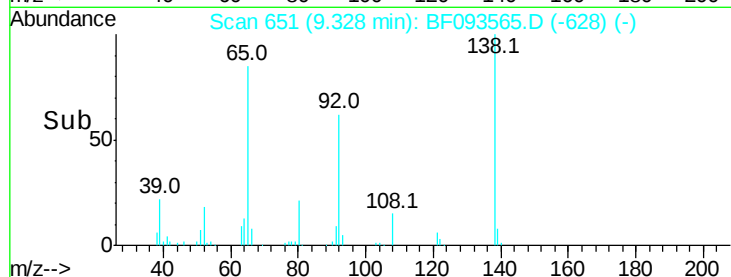
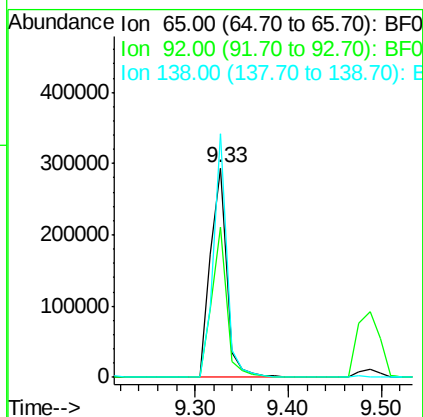
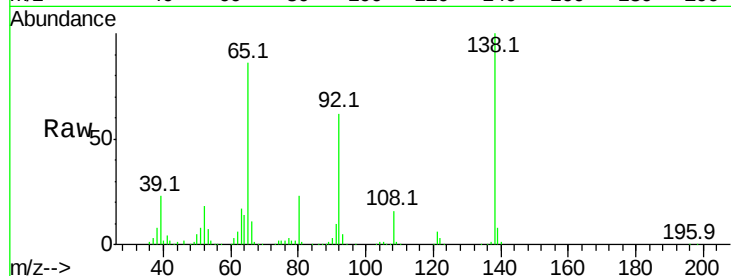
Tot Ion: 65 Resp: 361884

Ion Ratio Lower Upper

65 100

92 72.0 53.9 80.9

138 116.3 76.8 115.2#



#48

Acenaphthylene

Concen: 43.58 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

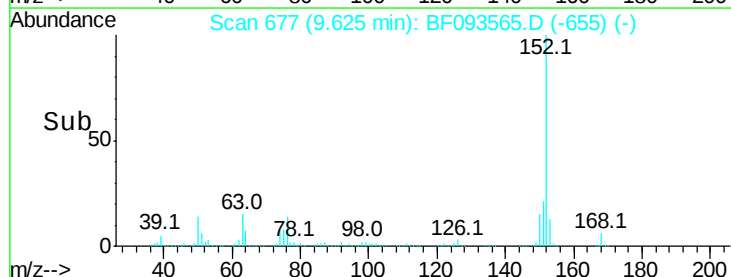
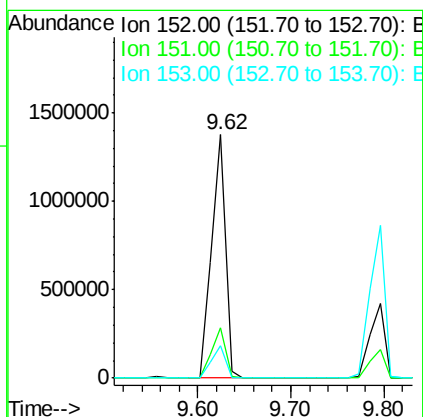
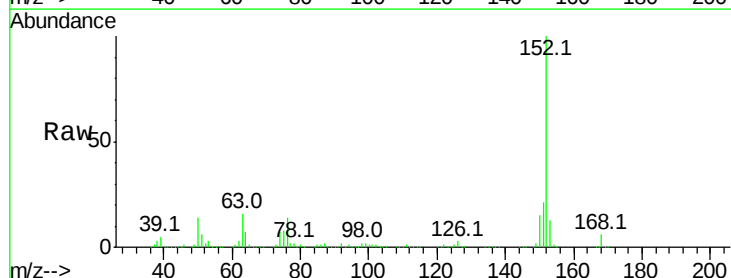
Tgt Ion: 152 Resp: 1433554

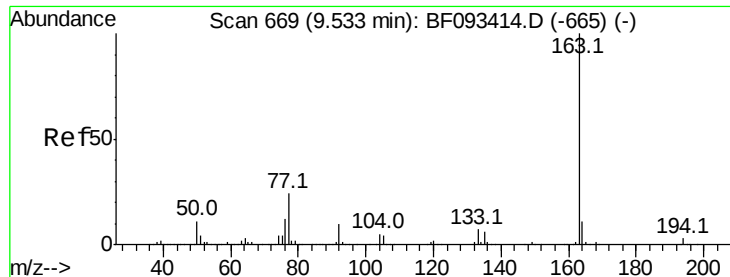
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.2 11.4 17.2

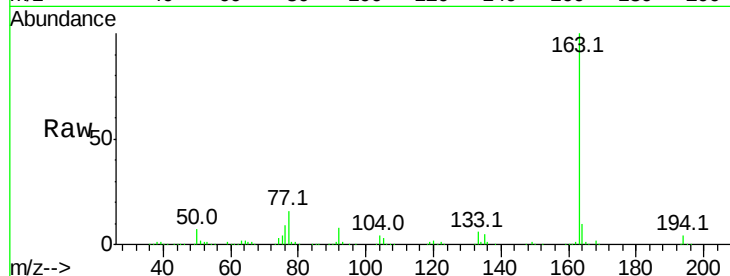




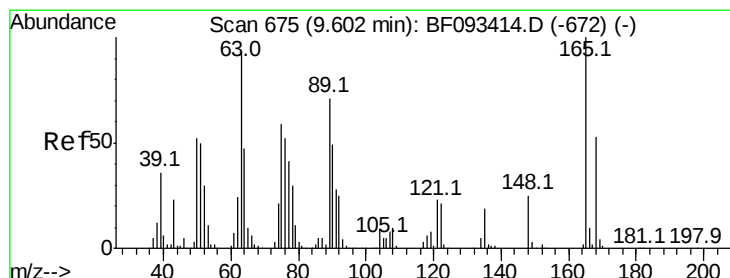
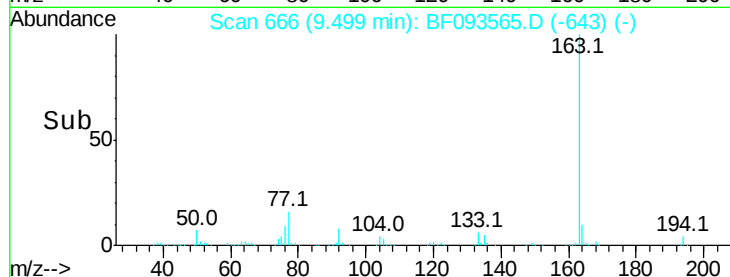
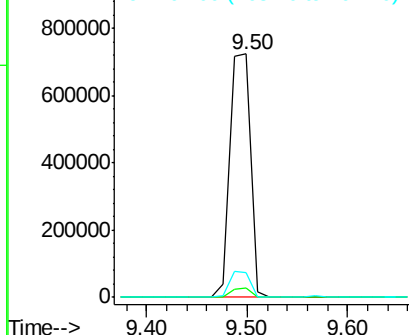
#49
Dimethylphthalate
Concen: 43.38 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1028657
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 8.0 12.0

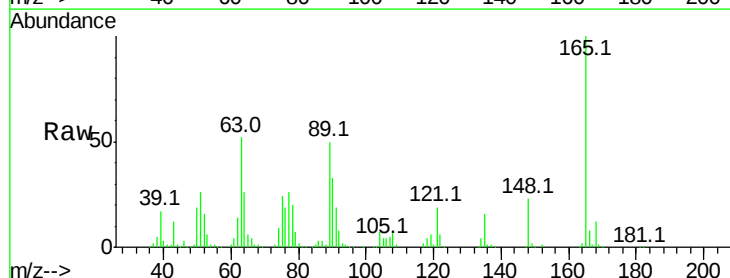


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

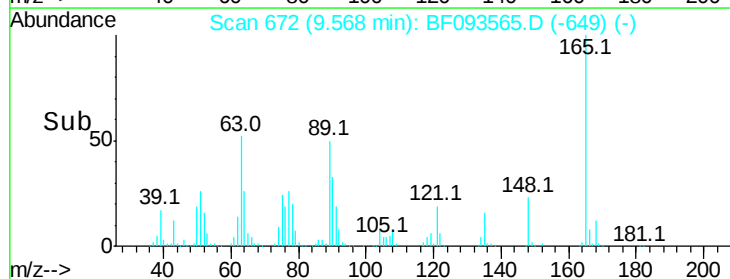
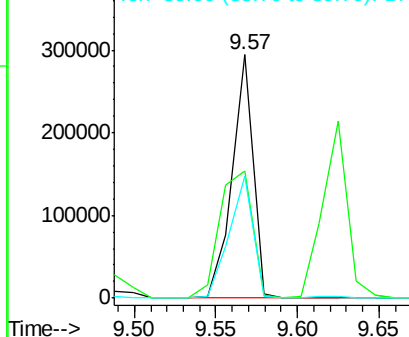


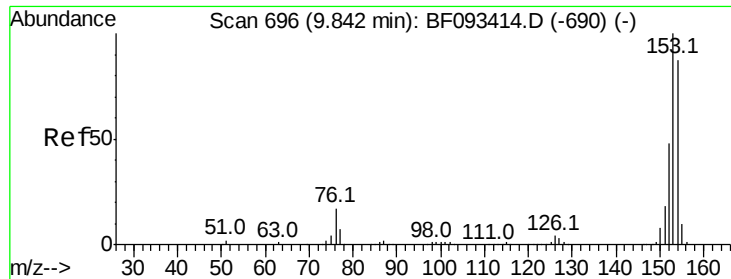
#50
2,6-Dinitrotoluene
Concen: 49.86 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:165 Resp: 259471
Ion Ratio Lower Upper
165 100
63 52.4 36.2 54.4
89 50.4 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

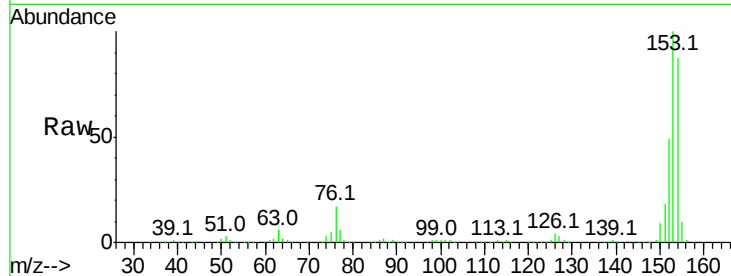




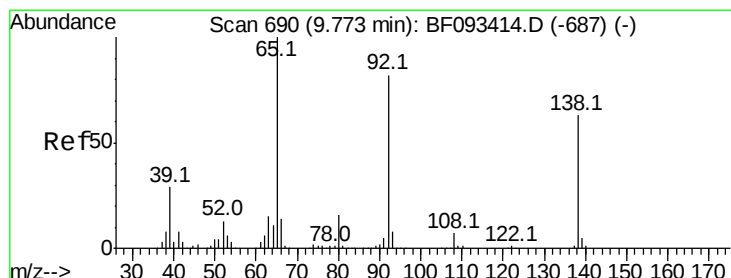
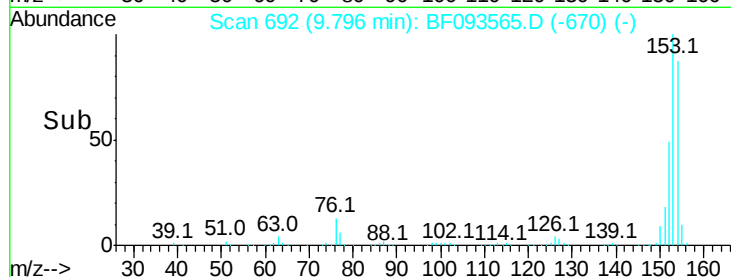
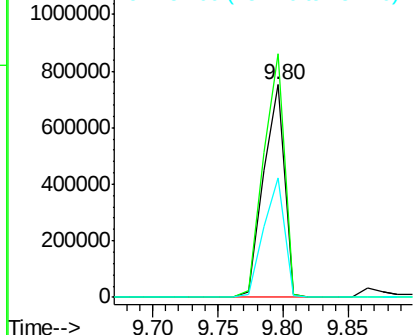
#51
Acenaphthene
Concen: 43.56 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 847291
Ion Ratio Lower Upper
154 100
153 114.6 88.6 133.0
152 56.0 41.6 62.4

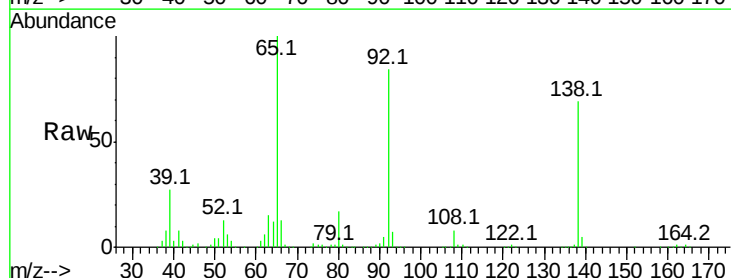


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

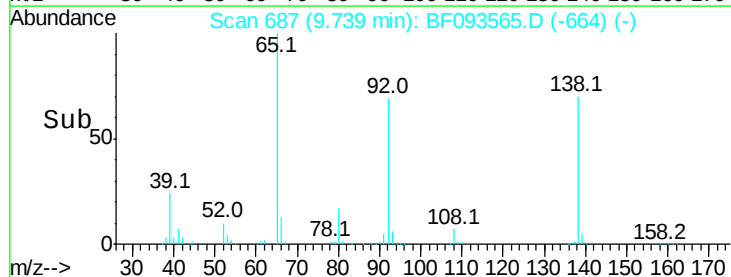
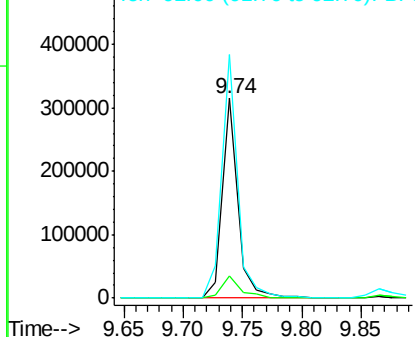


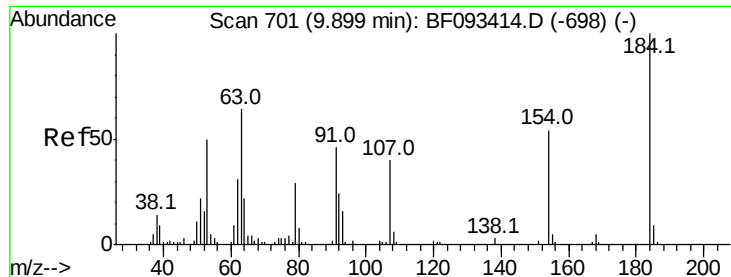
#52
3-Nitroaniline
Concen: 45.11 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:138 Resp: 282008
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 122.0 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

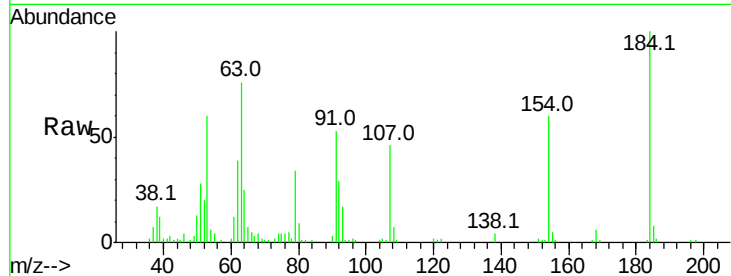




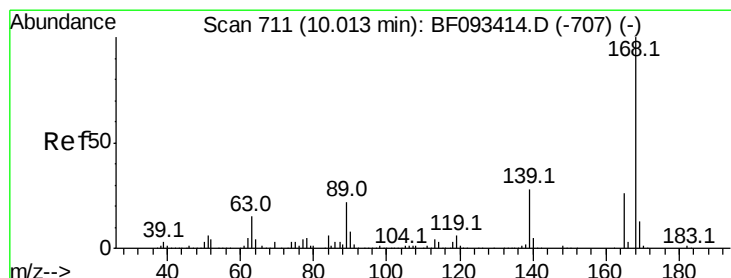
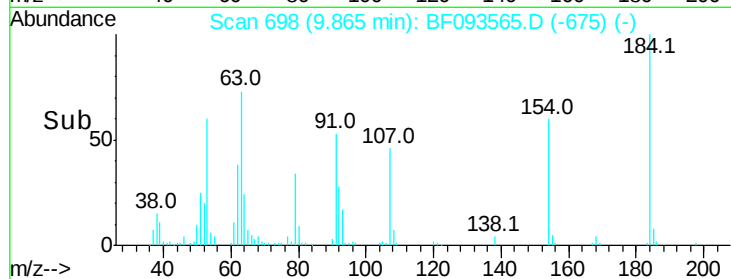
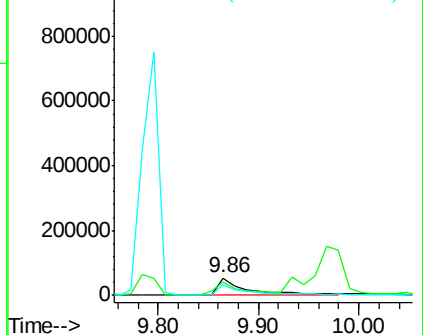
#53
 2,4-Dinitrophenol
 Concen: 47.95 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 113637
 Ion Ratio Lower Upper
 184 100
 63 76.4 28.4 42.6#
 154 60.3 44.3 66.5

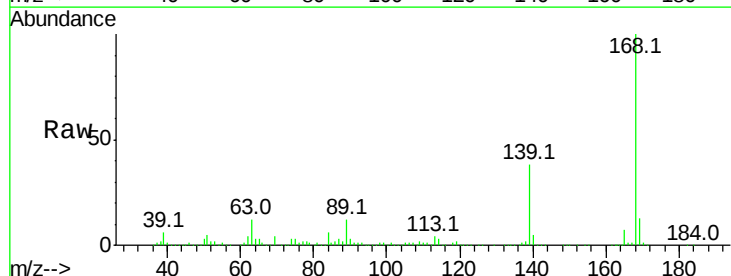


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

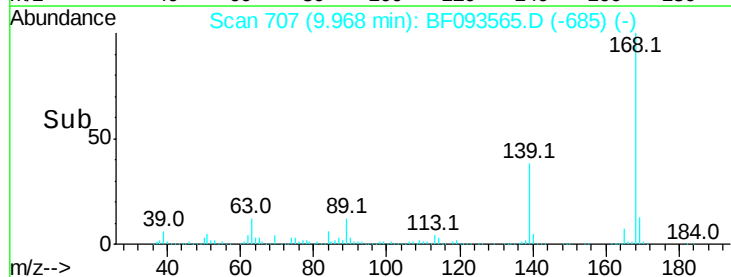
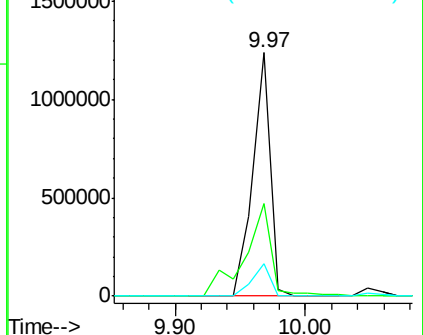


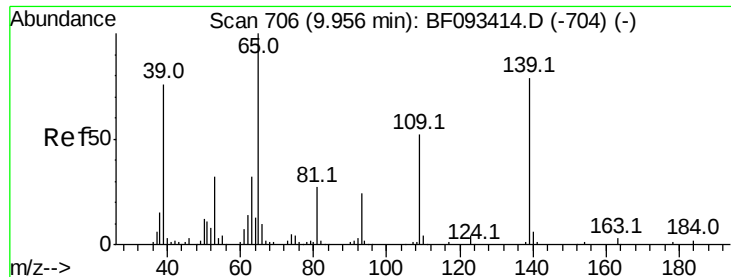
#54
 Dibenzofuran
 Concen: 47.60 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:168 Resp: 1158986
 Ion Ratio Lower Upper
 168 100
 139 37.9 32.6 49.0
 169 13.2 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

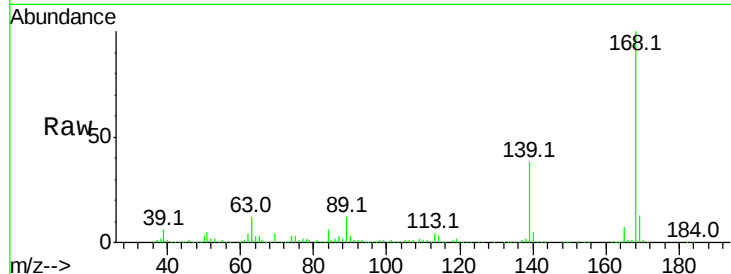




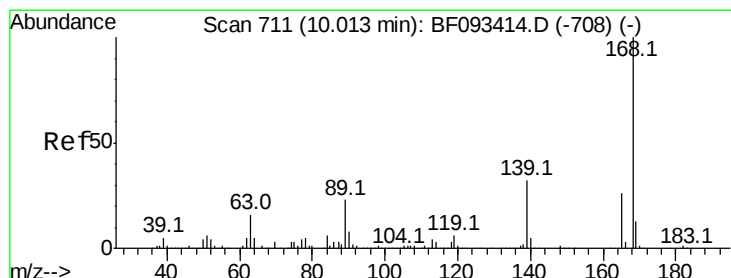
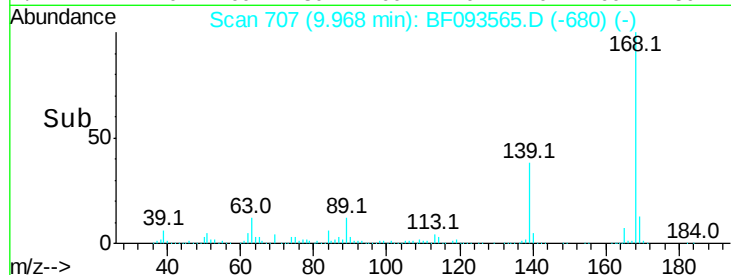
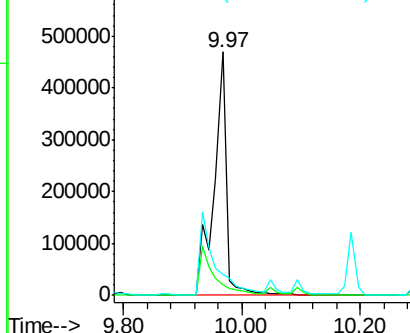
#55
4-Nitrophenol
Concen: 229.04 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 695443
Ion Ratio Lower Upper
139 100
109 4.3 52.2 92.2#
65 8.6 85.8 125.8#

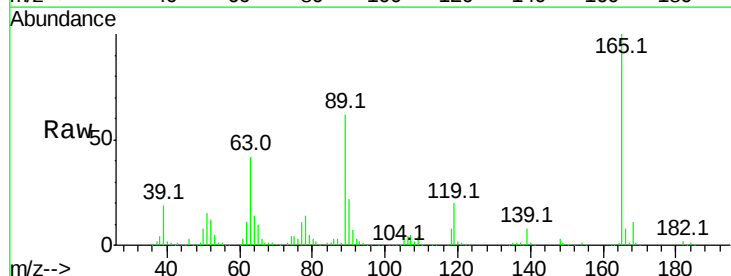


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

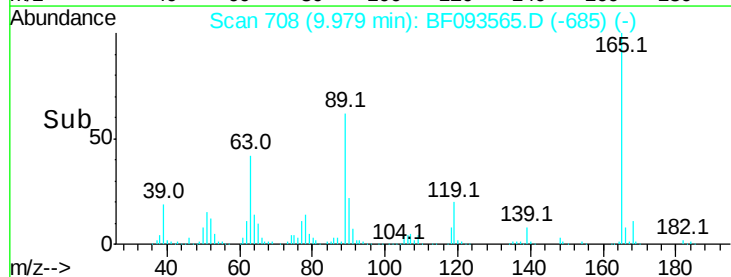
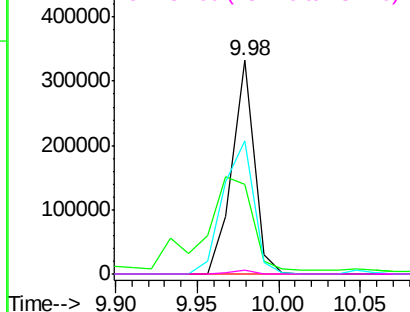


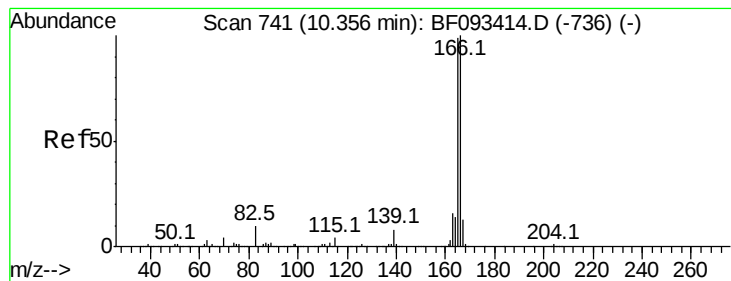
#56
2,4-Dinitrotoluene
Concen: 48.93 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:165 Resp: 312817
Ion Ratio Lower Upper
165 100
63 42.0 40.2 60.4
89 62.2 62.5 93.7#
182 2.1 1.8 2.8



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





#57

Fluorene

Concen: 46.51 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

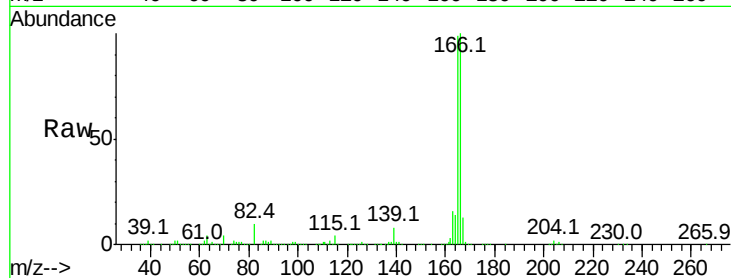
Tot Ion:166 Resp: 959526

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

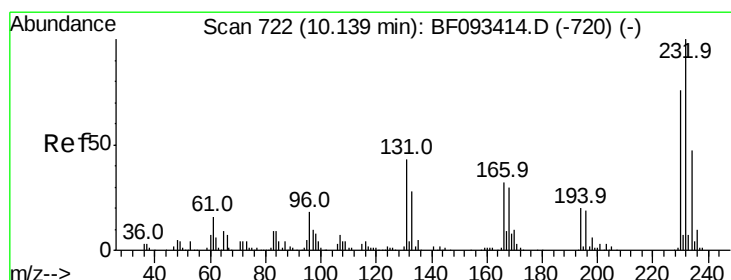
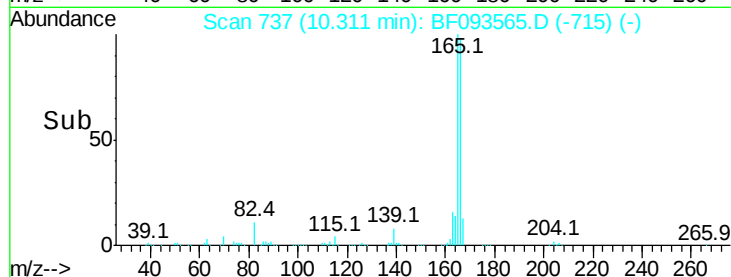
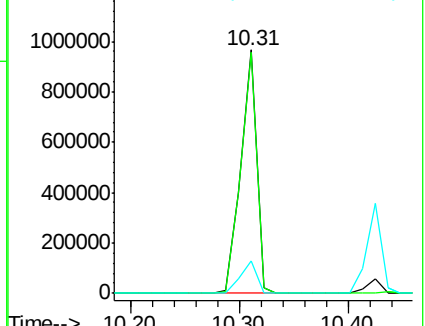
167 13.3 10.8 16.2



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: 45.43 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Tgt Ion:232 Resp: 209955

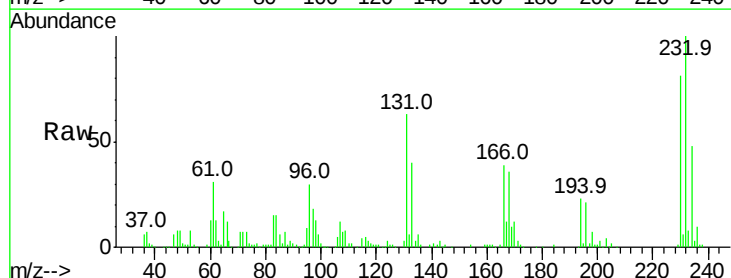
Ion Ratio Lower Upper

232 100

131 50.6 40.1 60.1

130 2.6 1.8 2.8

166 31.8 26.6 39.8

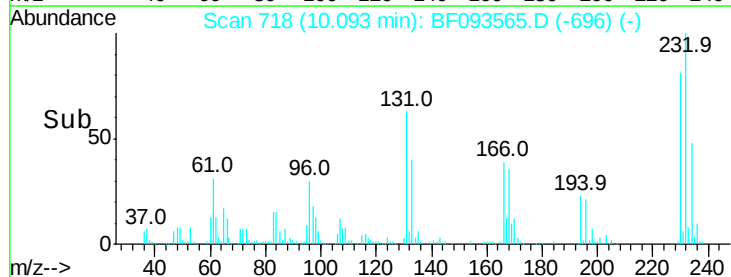
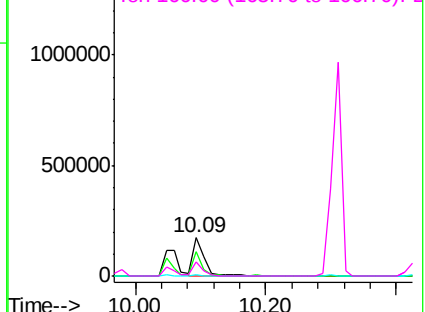


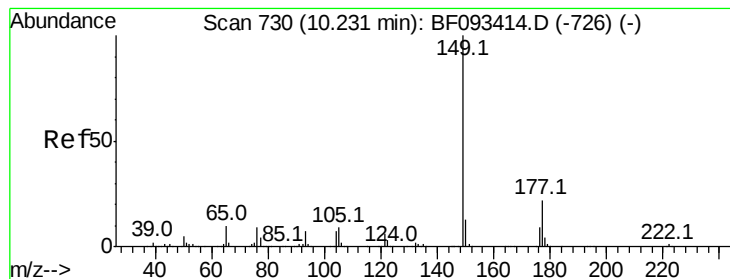
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.80 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

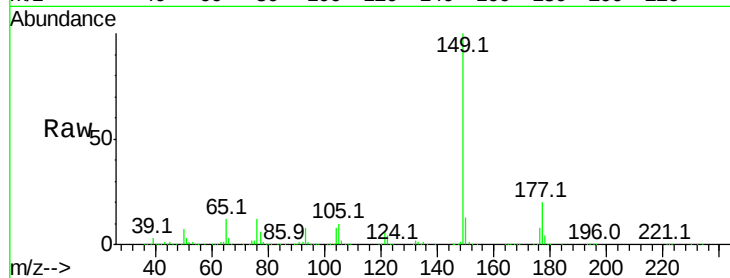
Tot Ion:149 Resp: 947468

Ion Ratio Lower Upper

149 100

177 20.5 16.6 25.0

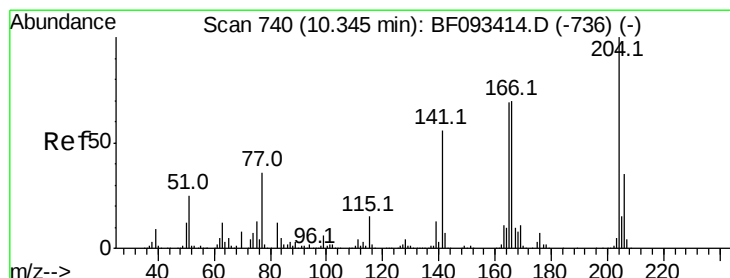
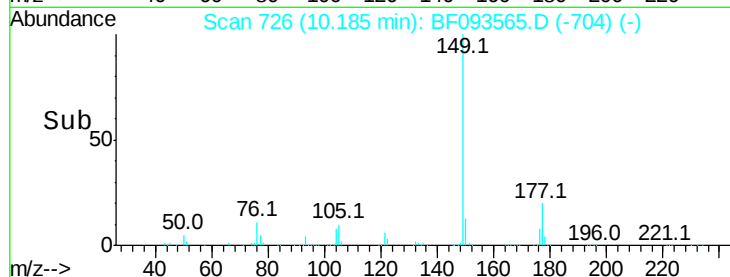
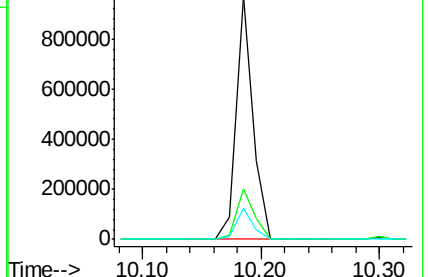
150 12.6 10.4 15.6



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: 47.34 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

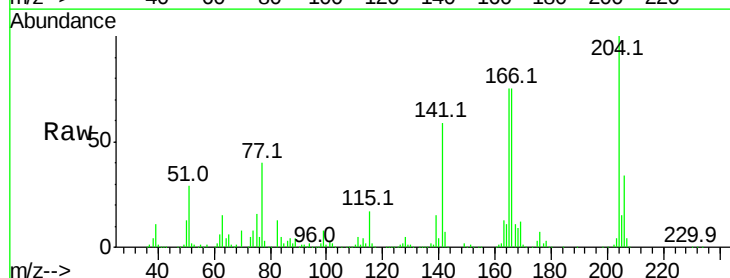
Tgt Ion:204 Resp: 437776

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

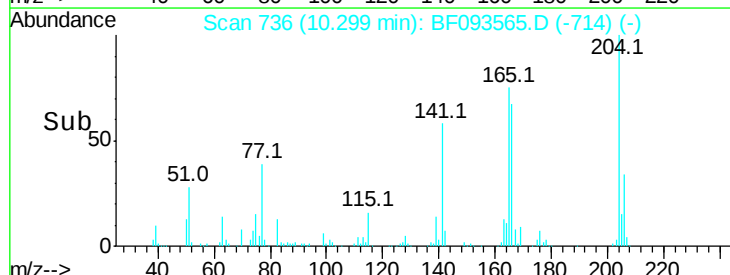
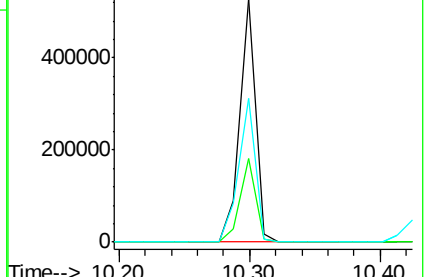
141 58.9 59.4 89.0#

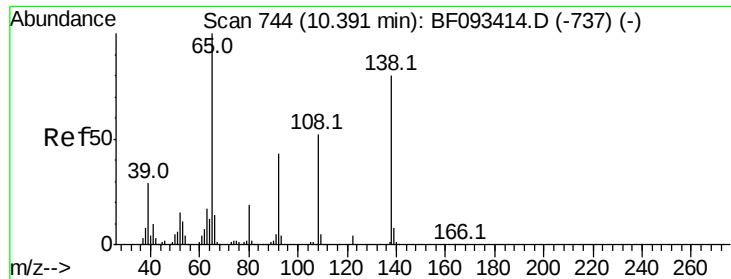


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

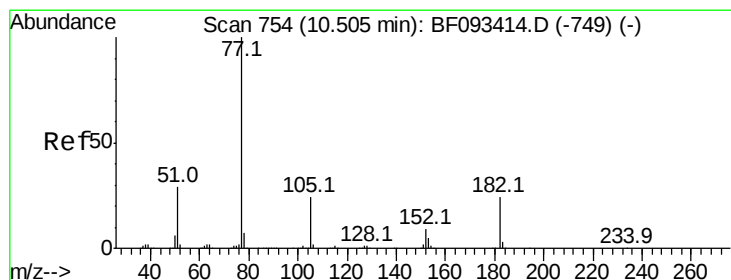
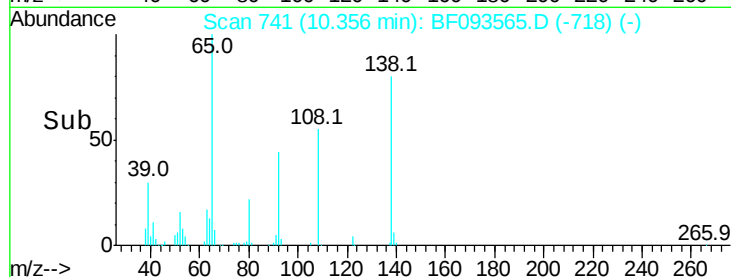
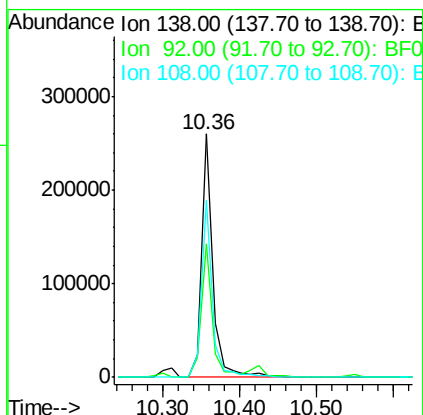
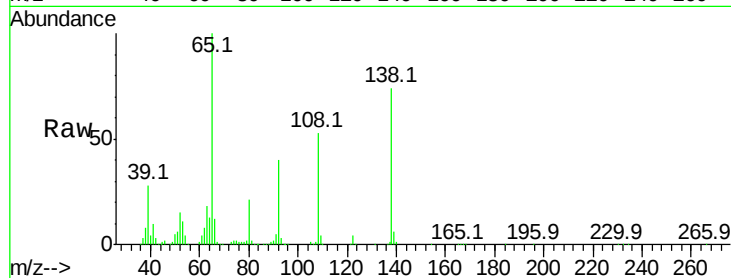




#61
4-Nitroaniline
Concen: 40.90 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

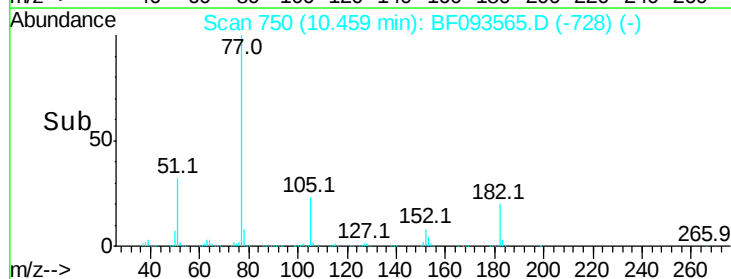
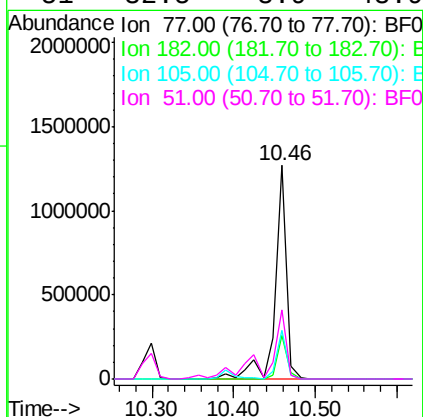
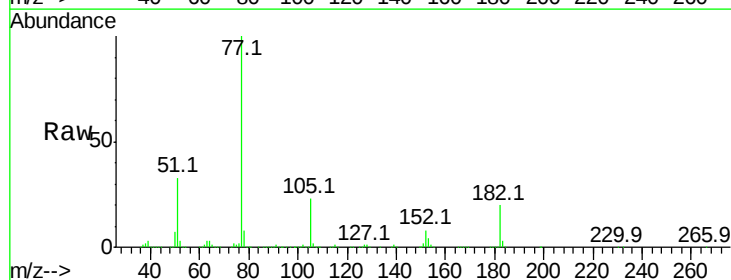
Instrument :
BNA_F
ClientSampleId :

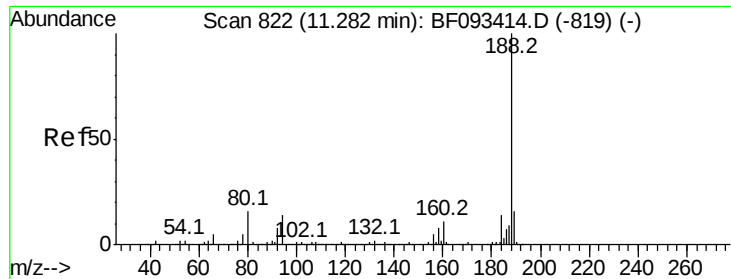
Tot Ion:138 Resp: 261495
Ion Ratio Lower Upper
138 100
92 54.7 31.7 71.7
108 72.5 52.6 92.6



#62
Azobenzene
Concen: 48.31 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion: 77 Resp: 1244163
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.3
105 22.7 2.3 42.3
51 32.5 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :
BNA_F
ClientSampleId :

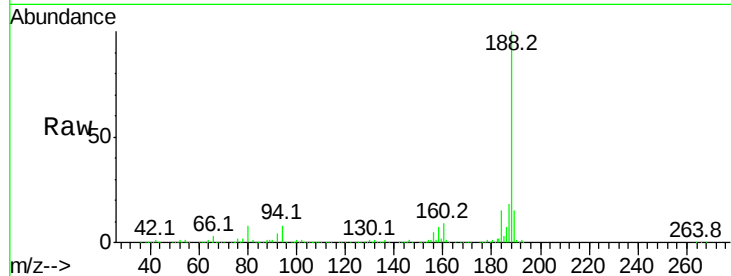
Tot Ion:188 Resp: 646617

Ion Ratio Lower Upper

188 100

94 7.6 10.0 15.0#

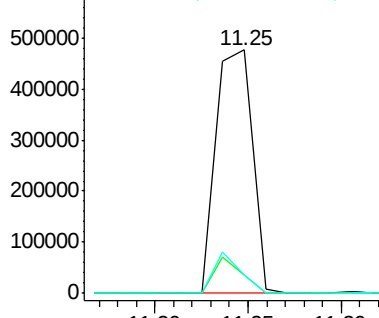
80 7.8 11.2 16.8#



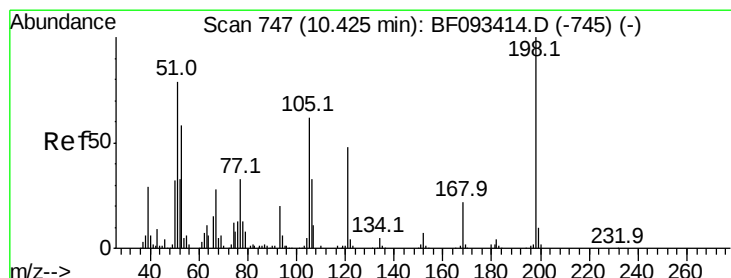
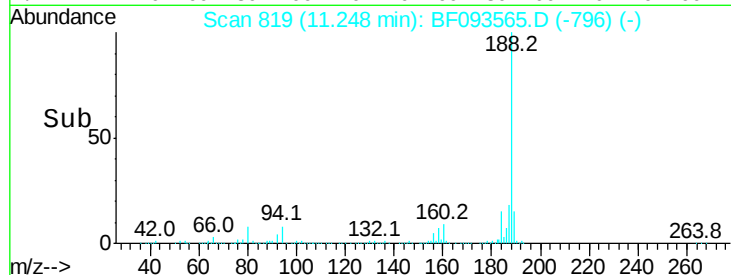
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.65 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

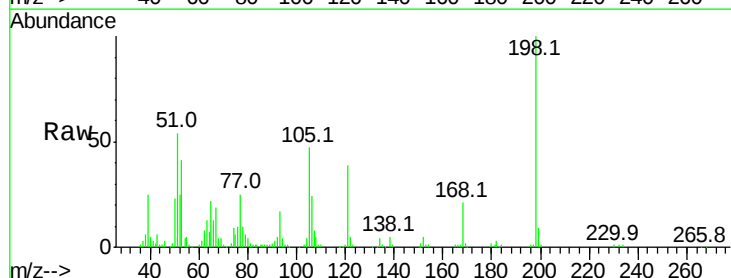
Tgt Ion:198 Resp: 149361

Ion Ratio Lower Upper

198 100

51 54.3 6.7 46.7#

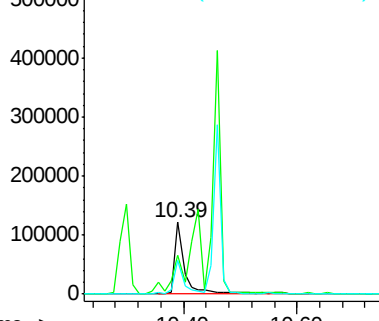
105 46.8 16.6 56.6



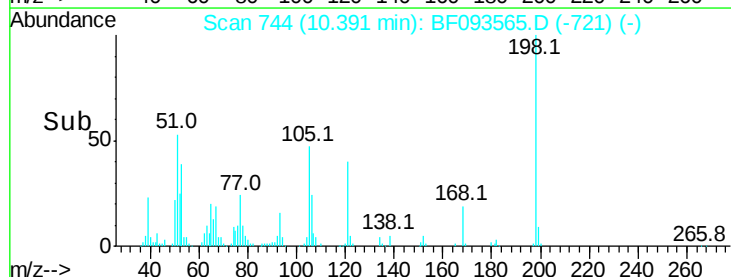
Abundance Ion 198.00 (197.70 to 198.70): E

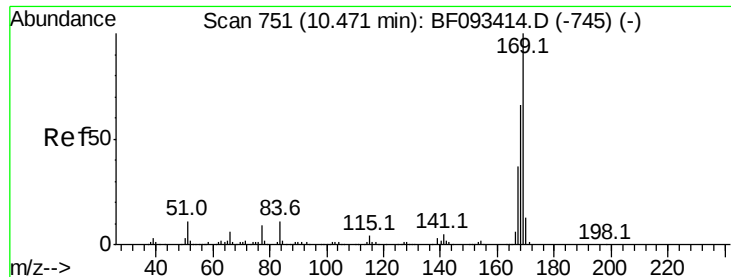
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.60 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

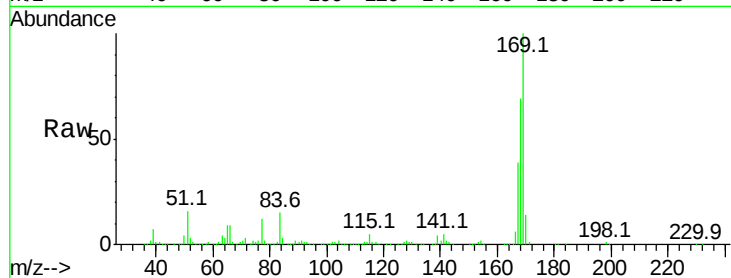
Tot Ion:169 Resp: 833361

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

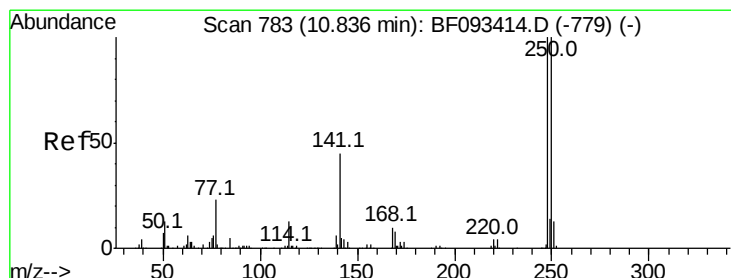
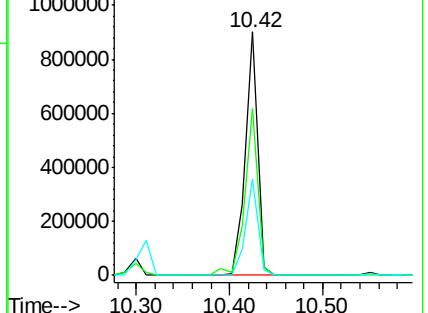
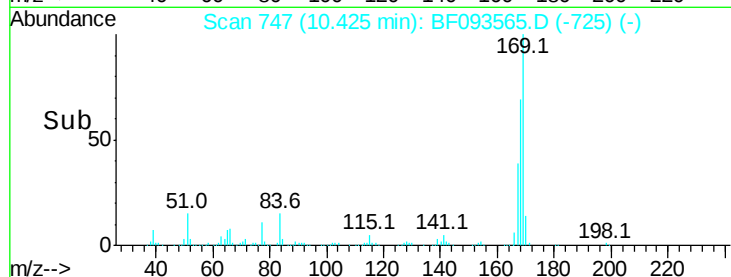
167 39.4 30.2 45.4



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: 37.76 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

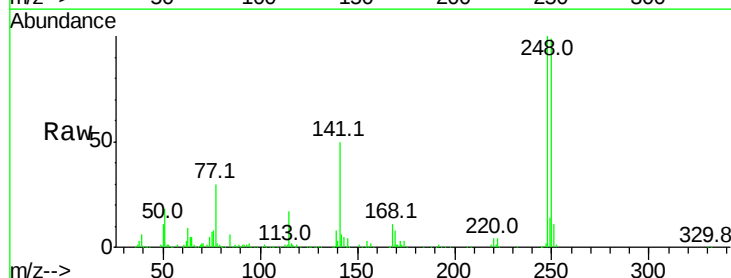
Tgt Ion:248 Resp: 258184

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

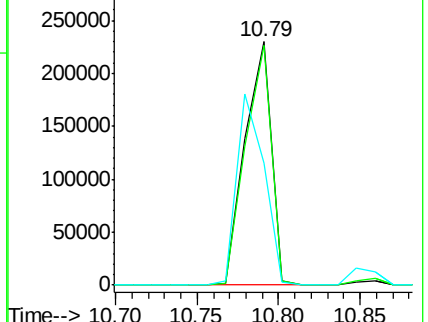
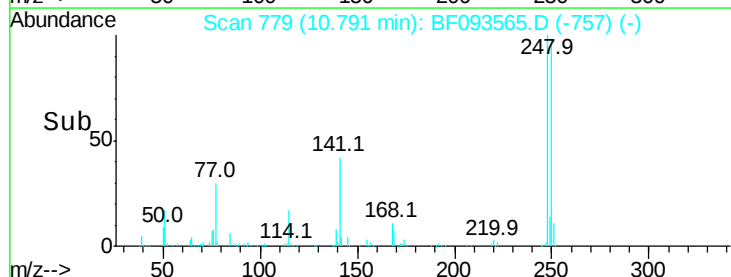
141 50.1 68.2 102.4#

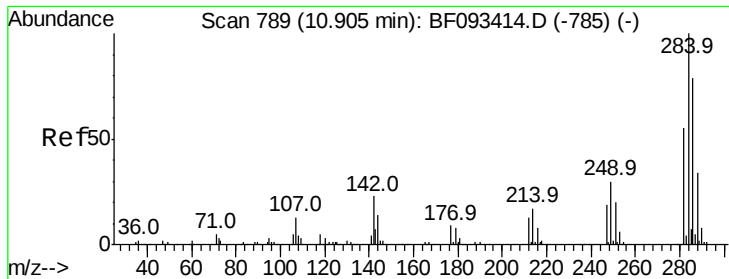


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

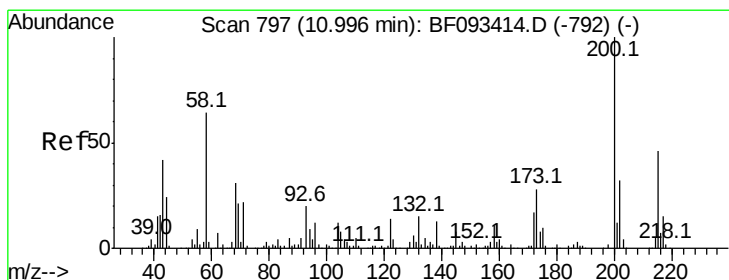
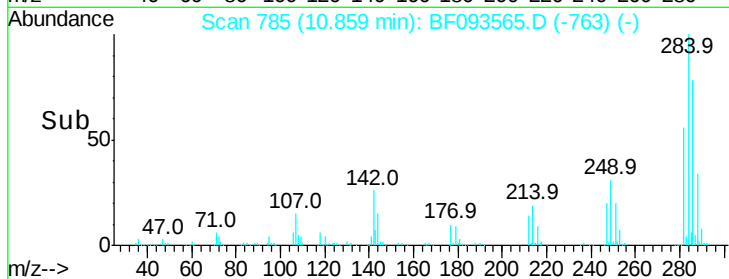
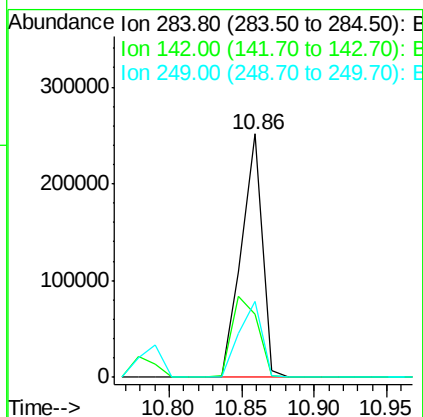
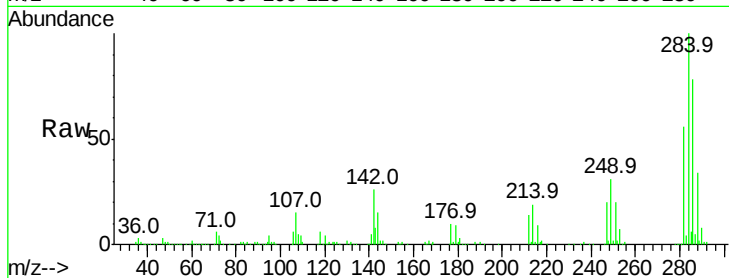




#67
Hexachlorobenzene
Concen: 38.83 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

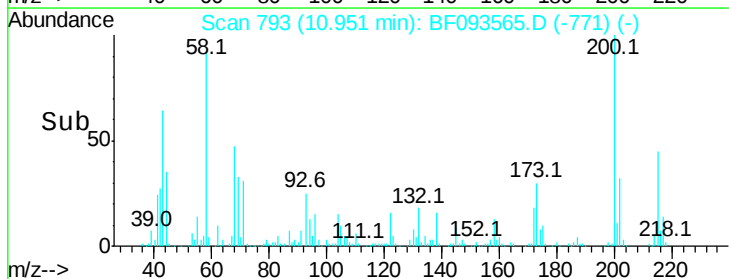
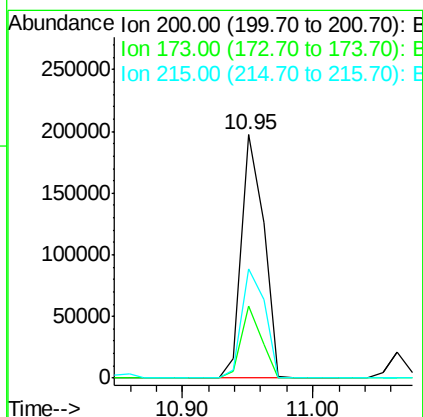
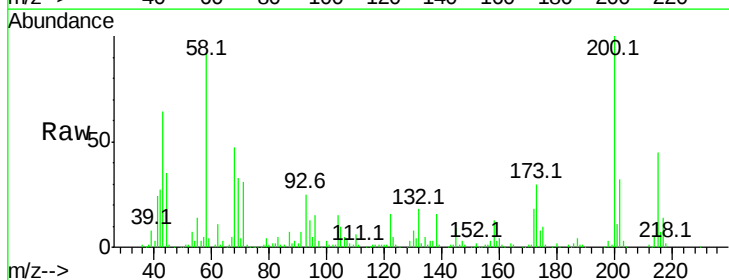
Instrument :
BNA_F
ClientSampleId :

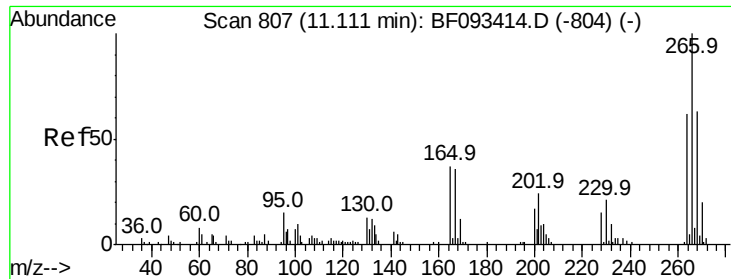
Tot Ion	Ratio	Lower	Upper
284	100		
142	25.9	22.6	33.8
249	31.3	25.4	38.0



#68
Atrazine
Concen: 37.20 ng
RT: 10.95 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.7	9.6	49.6
215	45.1	25.7	65.7

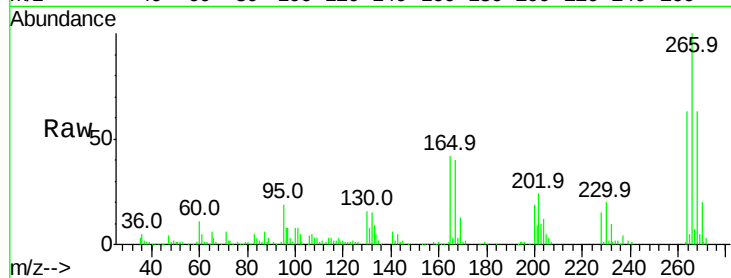




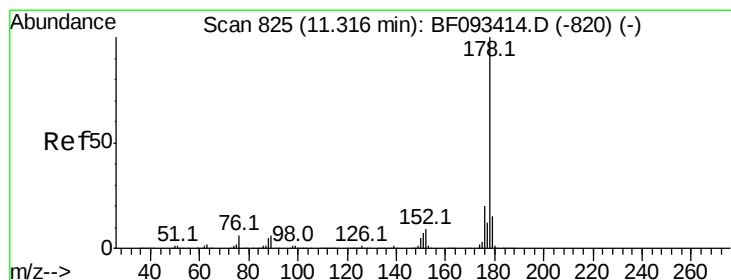
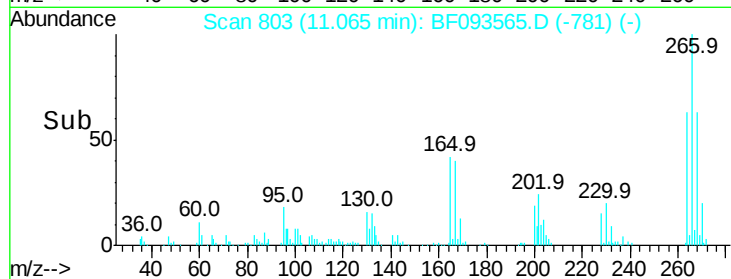
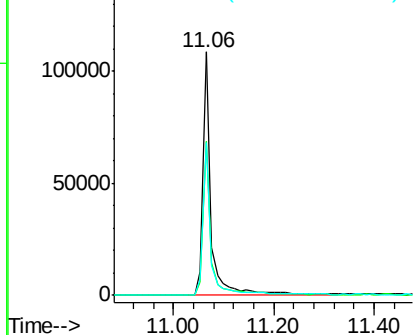
#69
 Pentachlorophenol
 Concen: 55.73 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	53.3	79.9
264	62.5	50.3	75.5

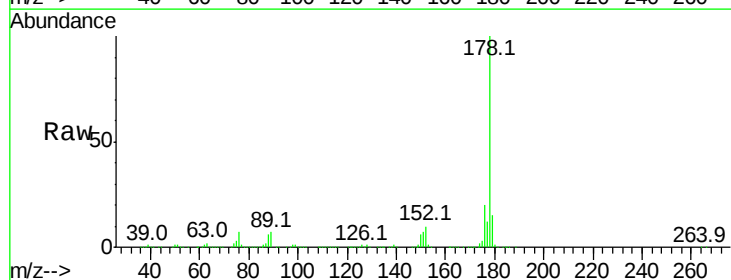


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

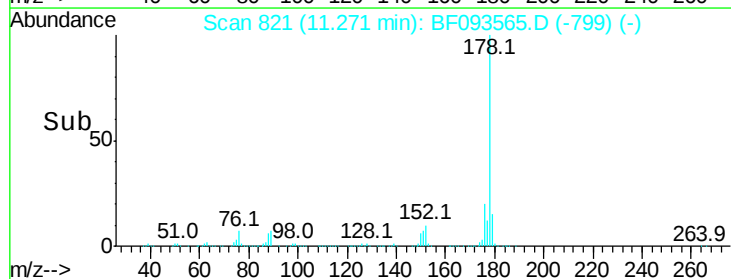
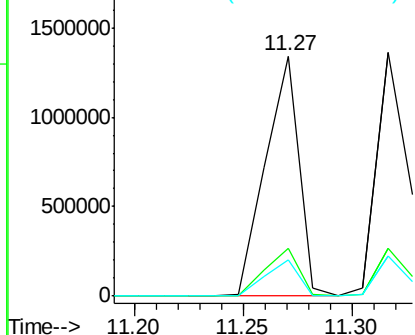


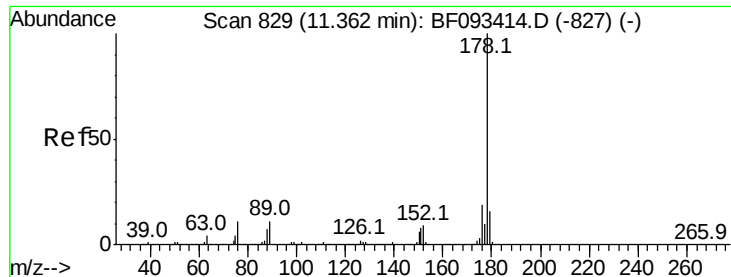
#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.0	12.8	19.2



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

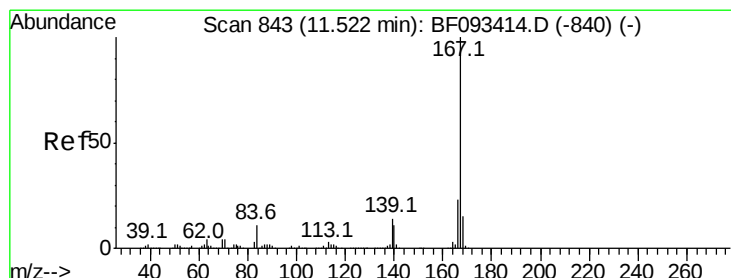
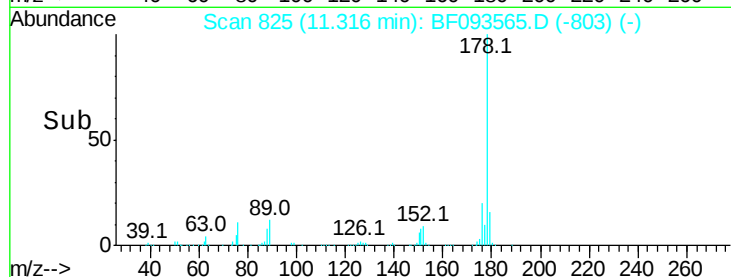
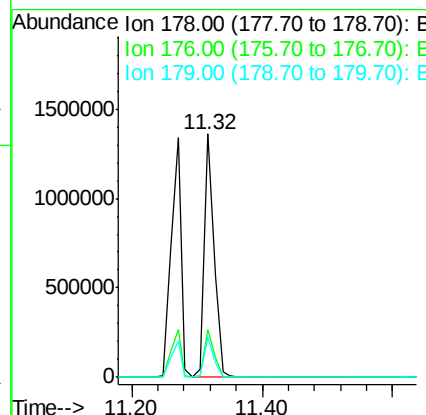
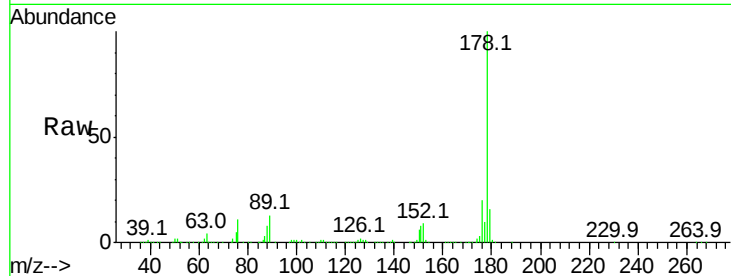




#71
 Anthracene
 Concen: 37.39 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

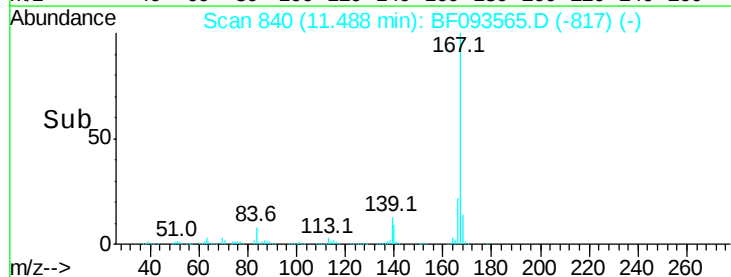
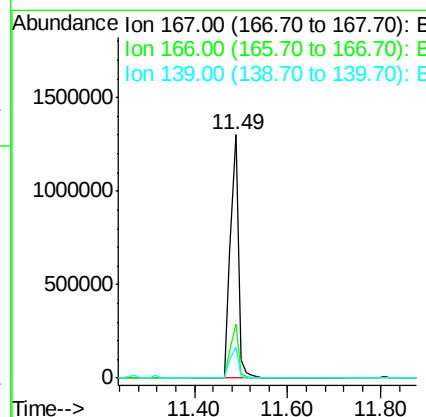
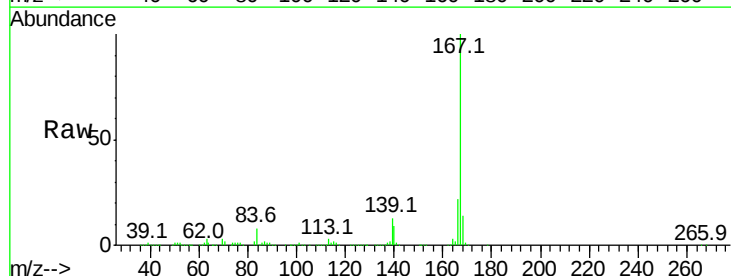
Instrument :
 BNA_F
 ClientSampleId :

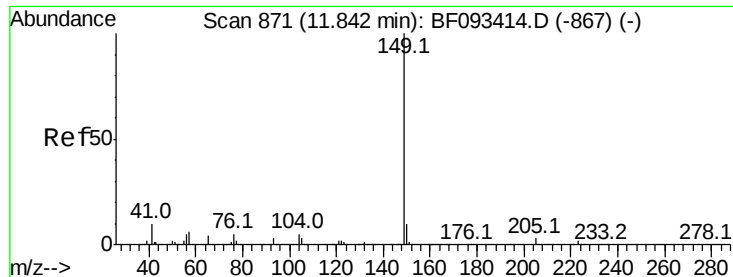
Tot Ion:178 Resp: 1396014
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.2 13.2 19.8



#72
 Carbazole
 Concen: 42.16 ng
 RT: 11.49 min Scan# 840
 Delta R.T. -0.03 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion:167 Resp: 1478658
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 41.81 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

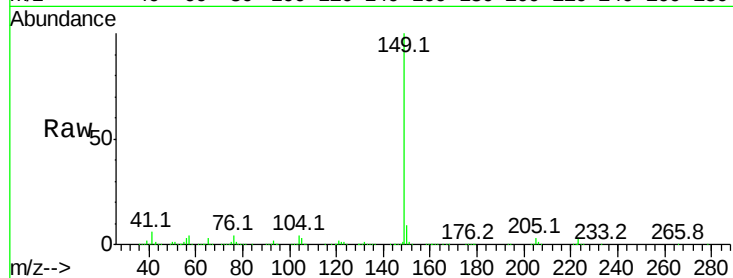
Tot Ion:149 Resp: 1696719

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

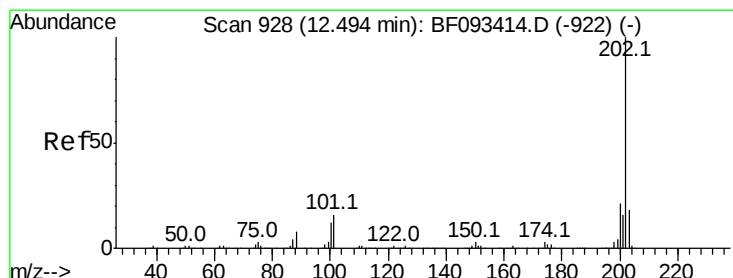
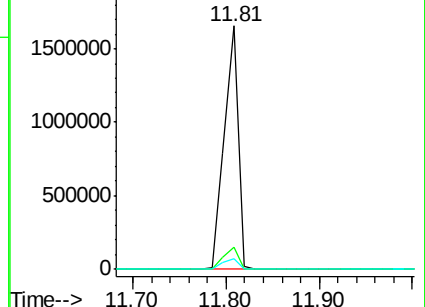
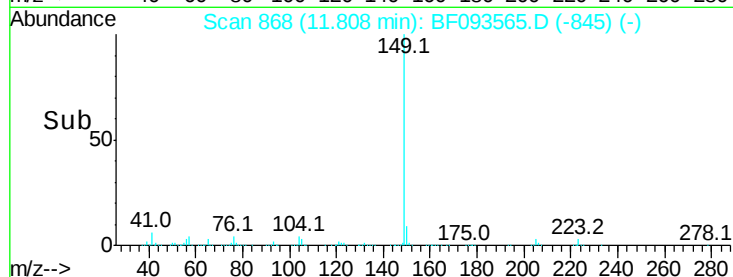
104 4.2 4.6 7.0#



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: 39.45 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

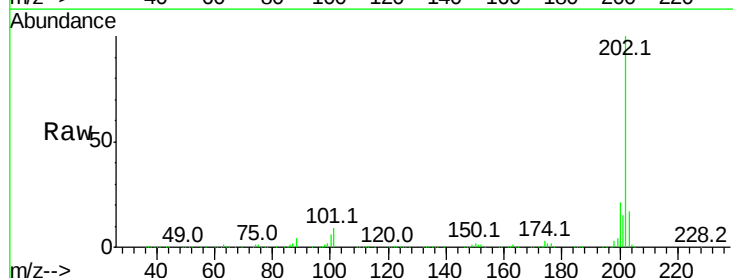
Tgt Ion:202 Resp: 1406296

Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.6

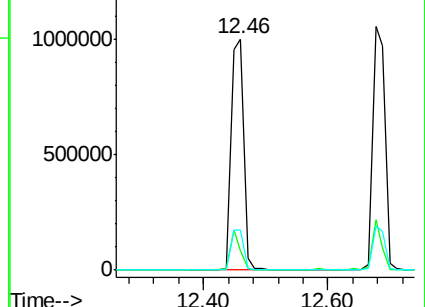
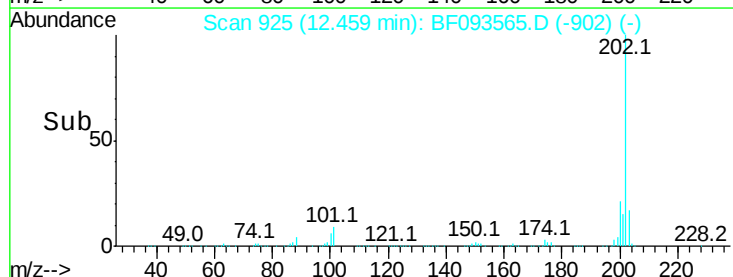
203 17.5 0.0 38.7

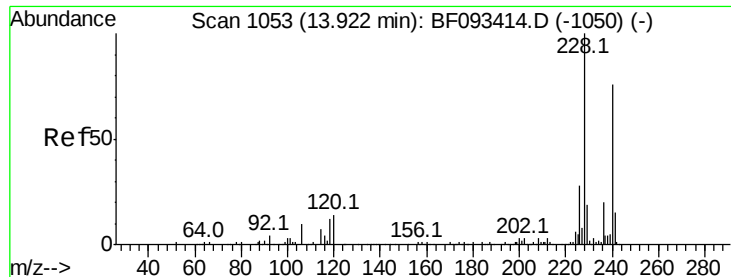


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1050

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

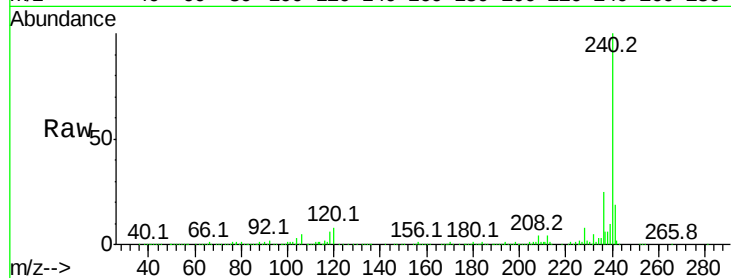
Tot Ion:240 Resp: 500572

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

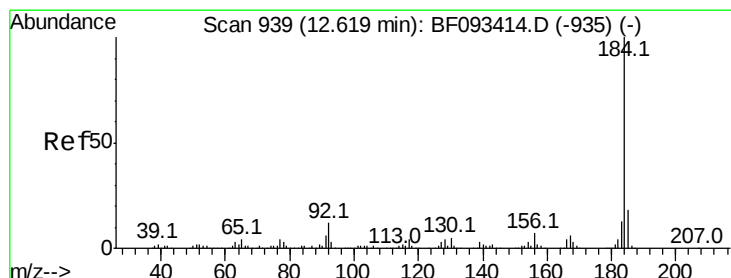
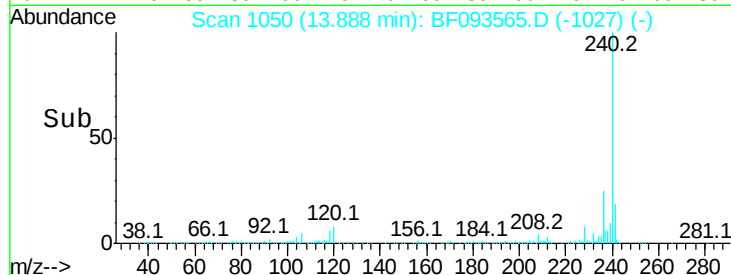
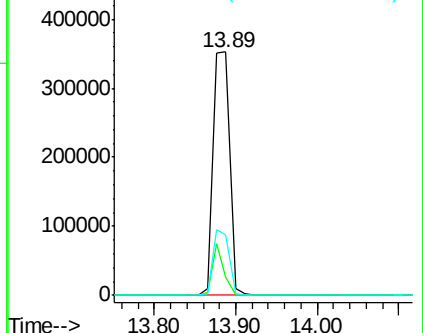
236 25.1 20.9 31.3



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: 40.95 ng

RT: 12.59 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

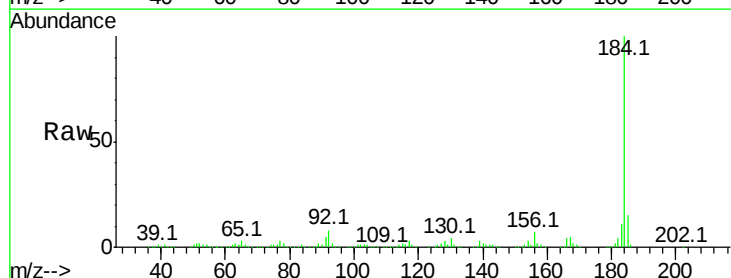
Tgt Ion:184 Resp: 674078

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

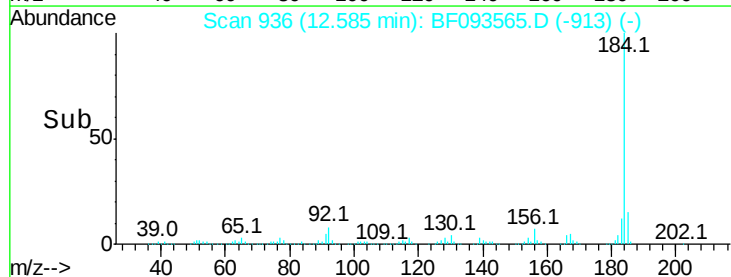
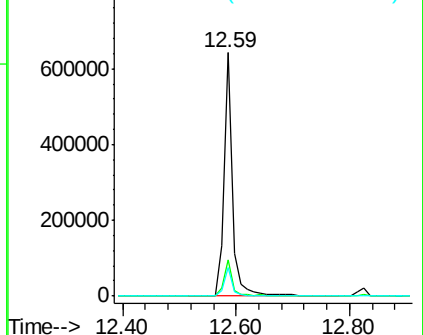
183 11.5 9.2 13.8

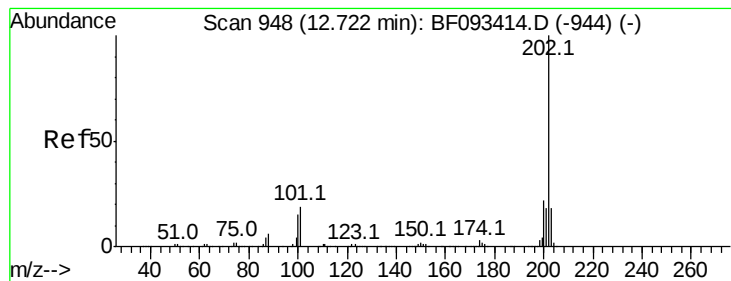


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.55 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

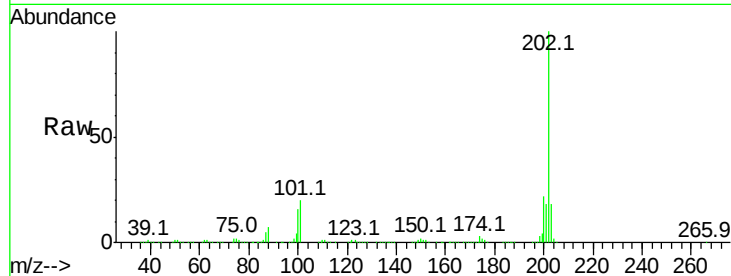
Tot Ion:202 Resp: 1440001

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

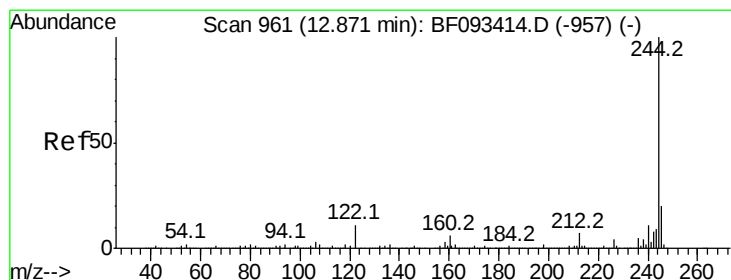
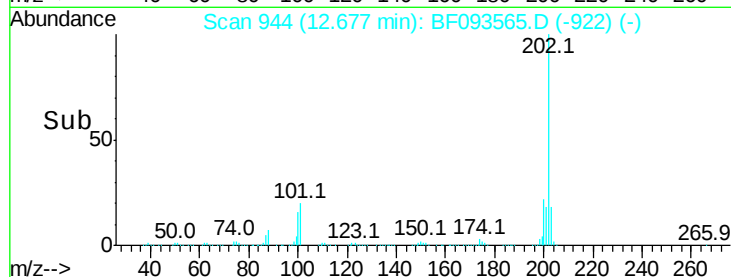
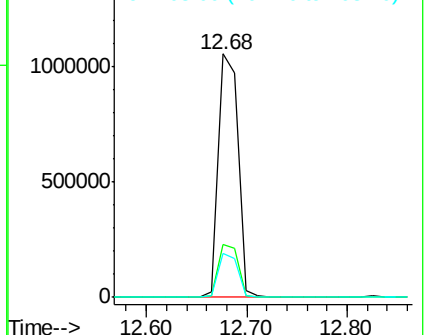
203 18.1 14.7 22.1



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: 83.87 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

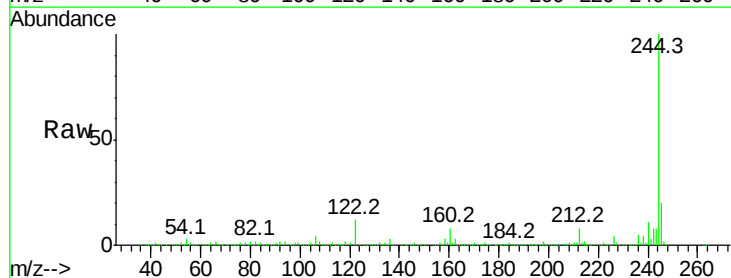
Tgt Ion:244 Resp: 1614715

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

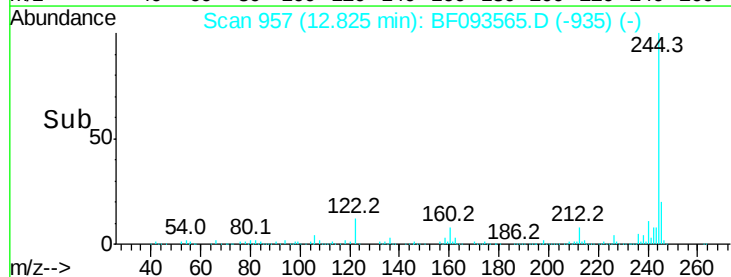
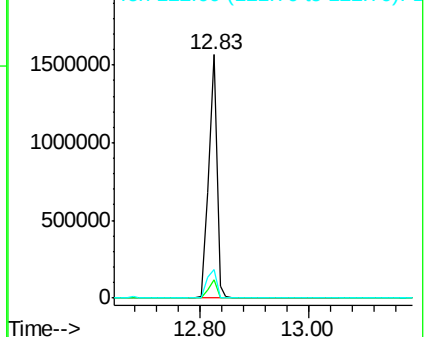
122 11.7 11.4 17.2

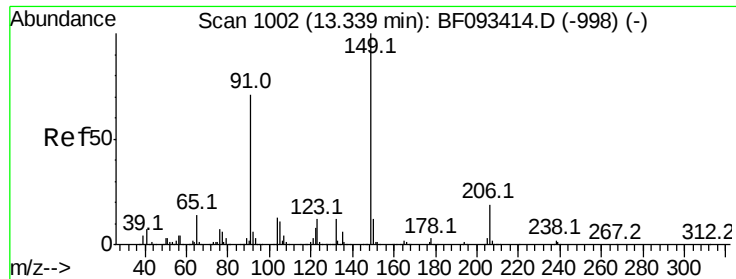


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

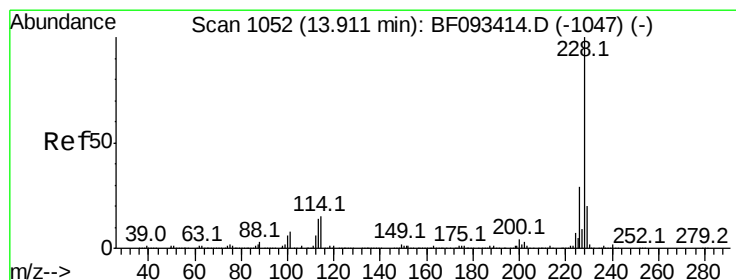
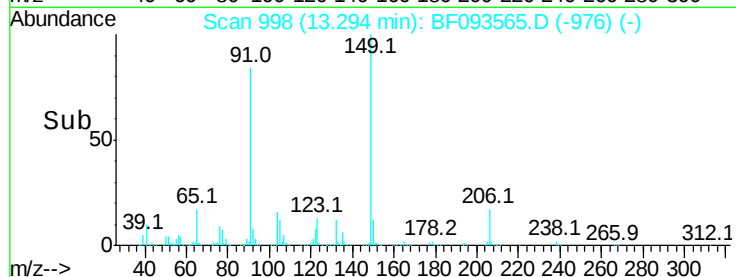
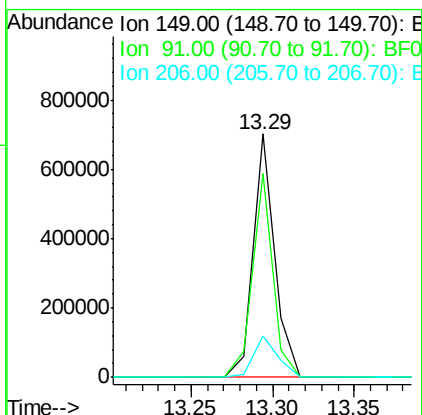
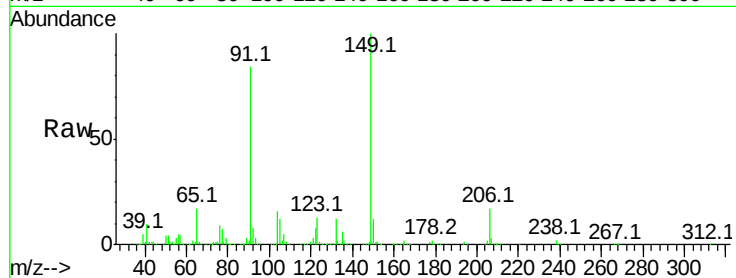




#79
Butylbenzylphthalate
Concen: 41.95 ng
RT: 13.29 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

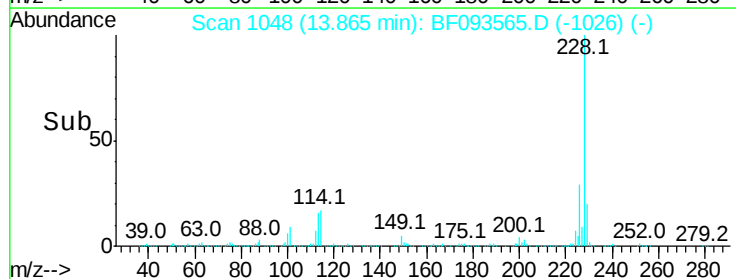
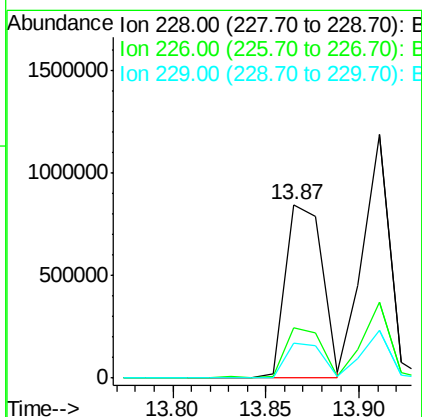
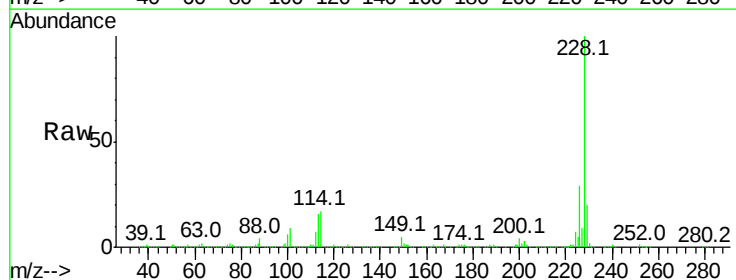
Instrument :
BNA_F
ClientSampleId :

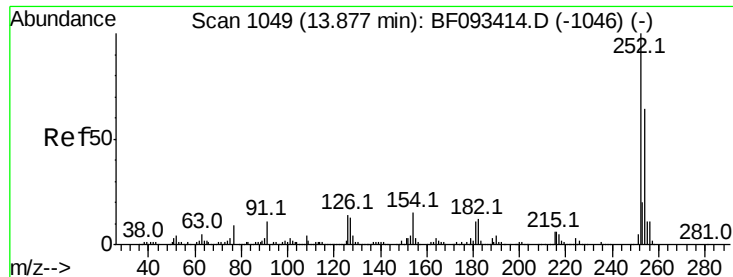
Tot Ion:149 Resp: 642911
Ion Ratio Lower Upper
149 100
91 83.7 63.9 95.9
206 17.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 39.23 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:228 Resp: 1159576
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.4 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 40.41 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampled :

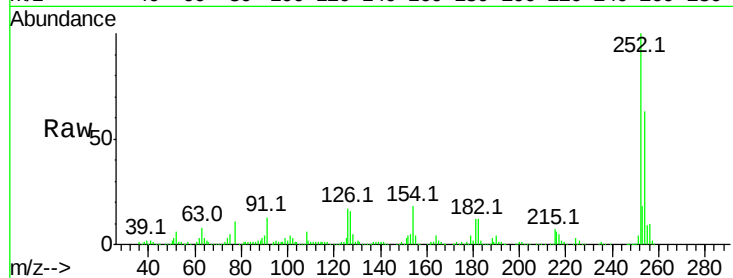
Tot Ion:252 Resp: 418334

Ion Ratio Lower Upper

252 100

254 62.5 52.3 78.5

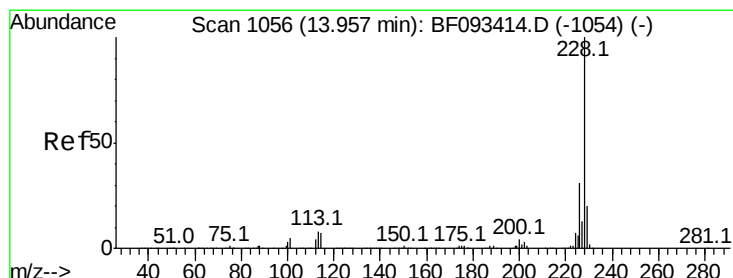
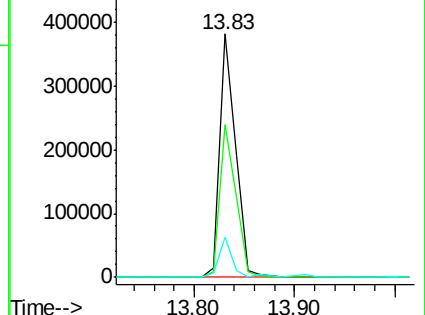
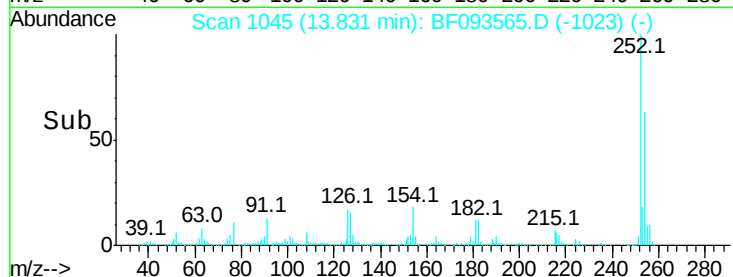
126 16.6 13.6 20.4



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: 43.86 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

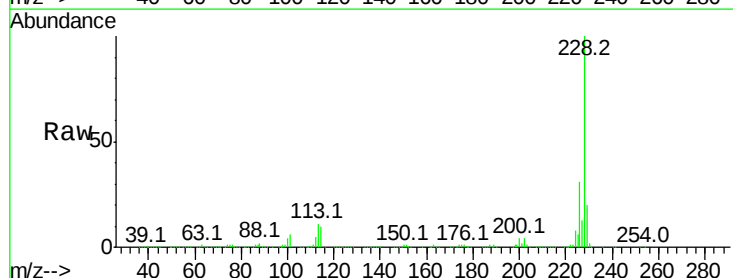
Tgt Ion:228 Resp: 1199654

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

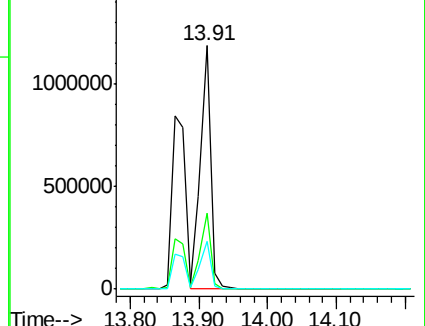
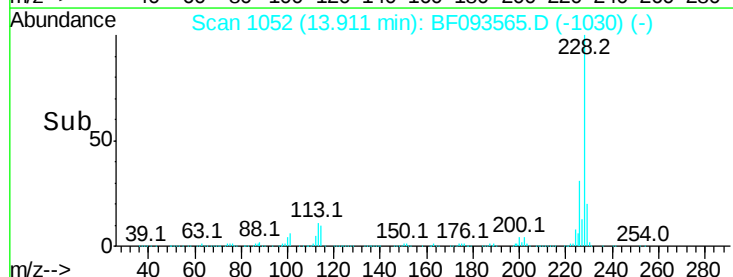
229 19.9 16.2 24.2

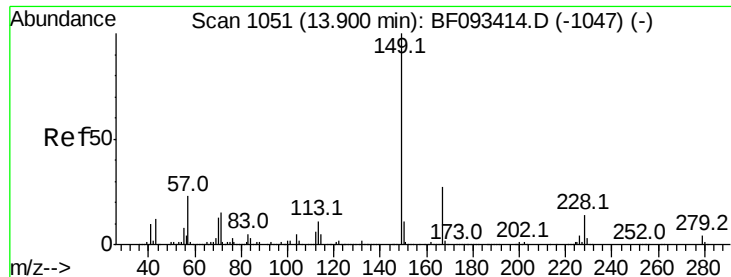


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.61 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

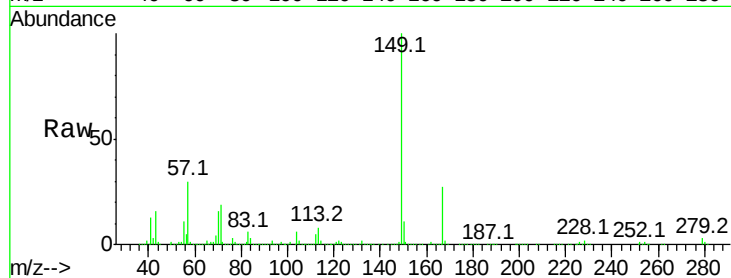
Tot Ion:149 Resp: 952816

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

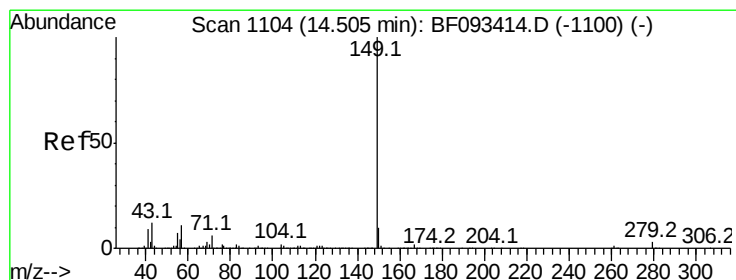
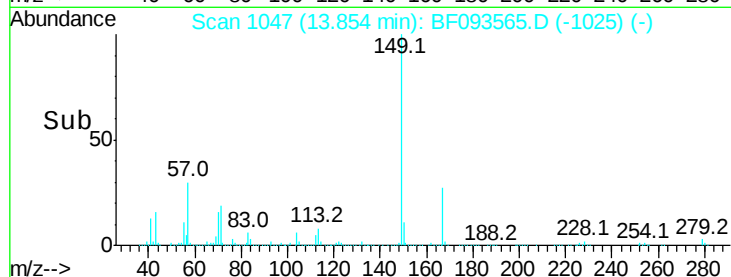
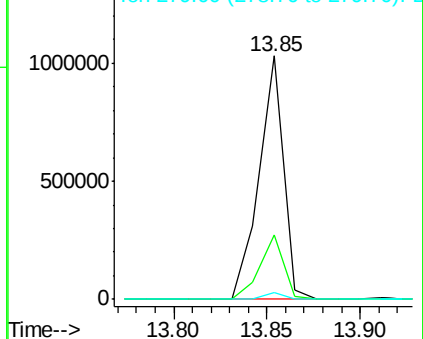
279 3.1 1.8 2.8#



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: 42.38 ng

RT: 14.46 min Scan# 1100

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

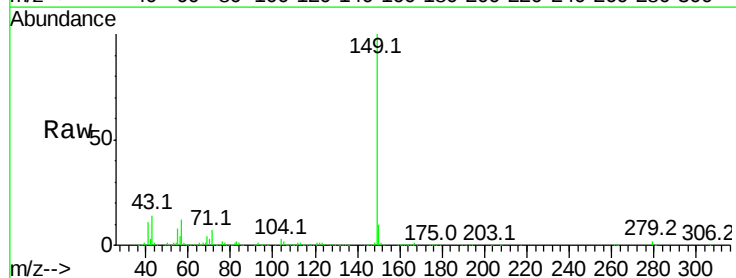
Tgt Ion:149 Resp: 1508674

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

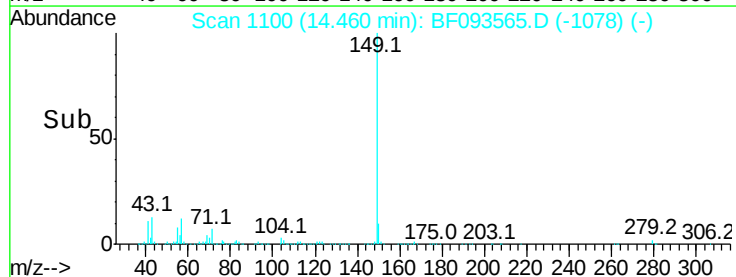
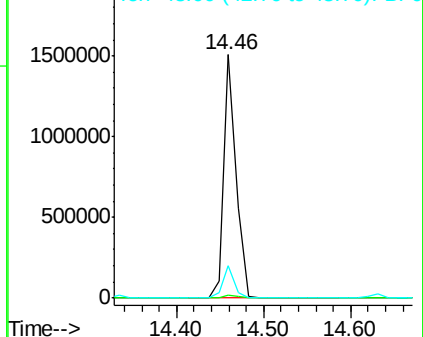
43 12.6 8.9 13.3

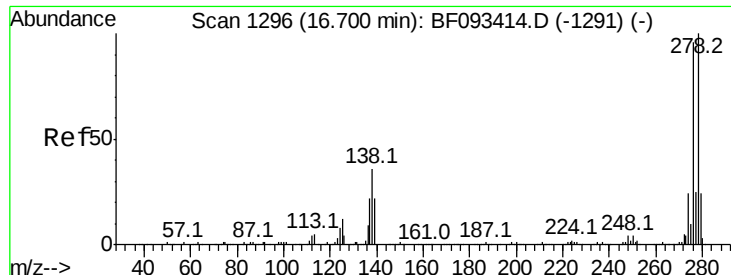


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

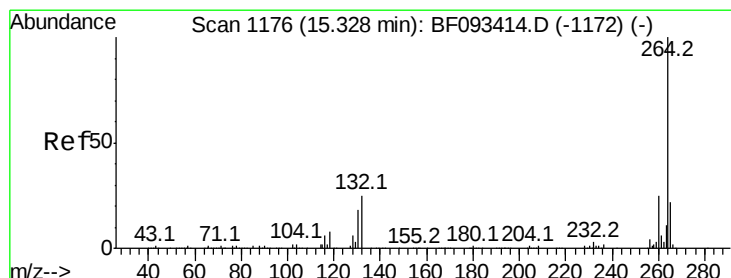
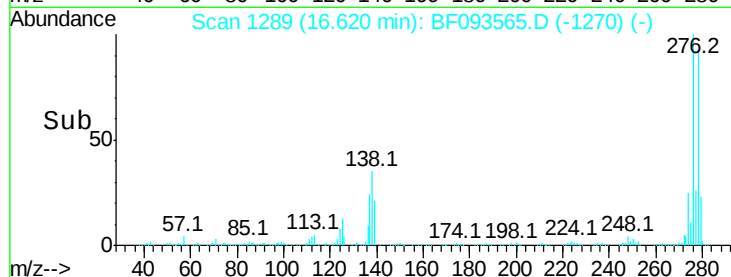
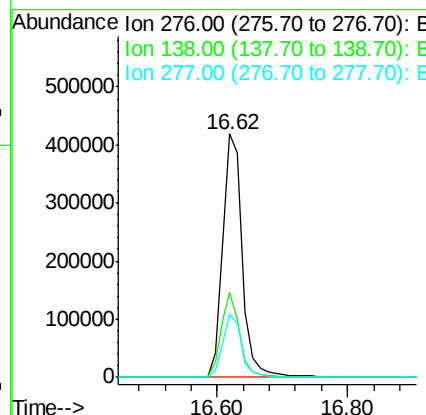
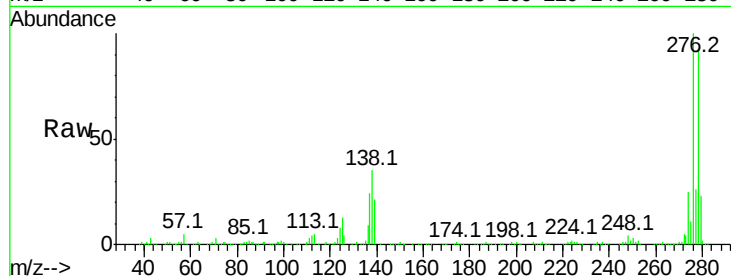




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.81 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. -0.08 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

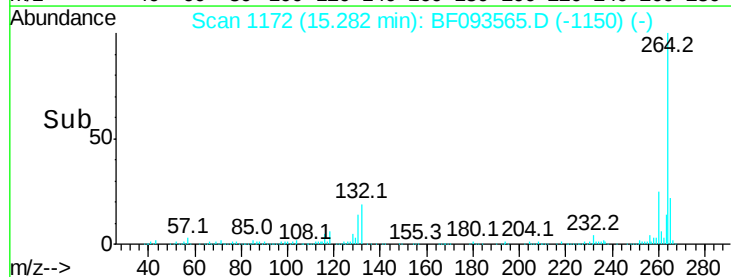
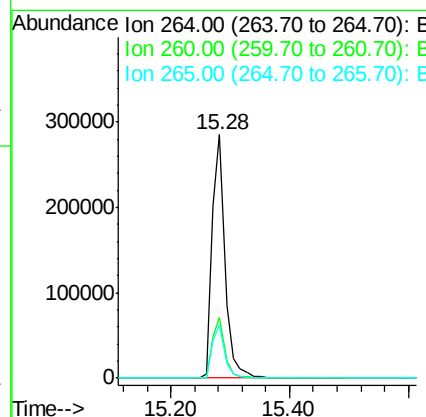
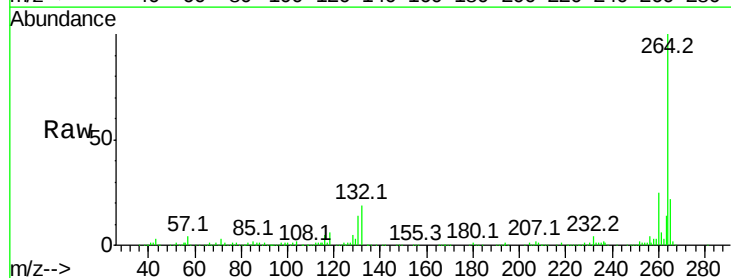
Instrument :
 BNA_F
 ClientSampleId :

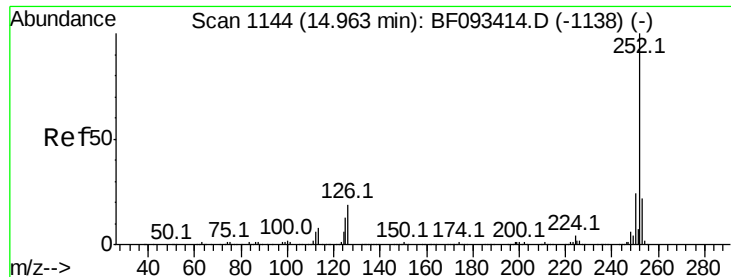
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 80.40 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

Instrument :

BNA_F

ClientSampleId :

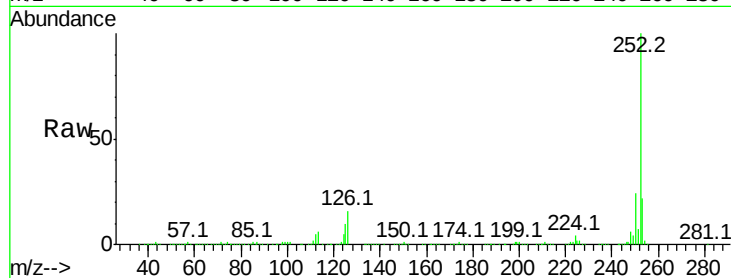
Tot Ion:252 Resp: 2103384

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

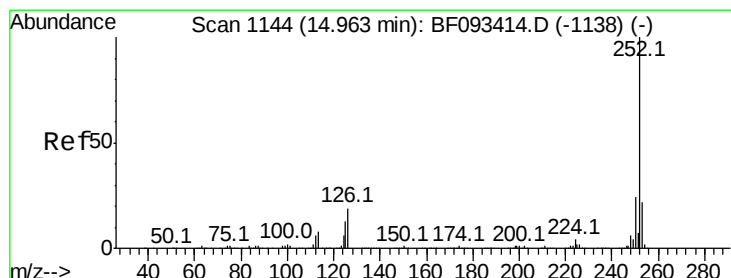
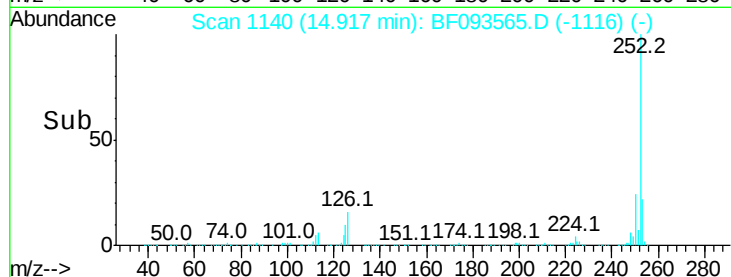
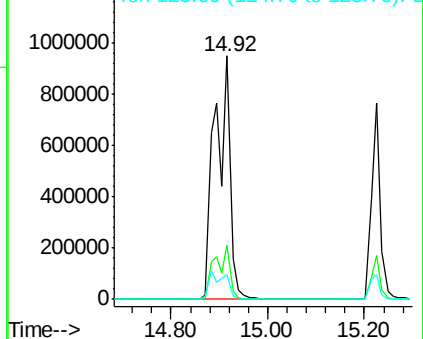
125 10.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.39 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF093565.D

Acq: 11 Mar 2017 14:18

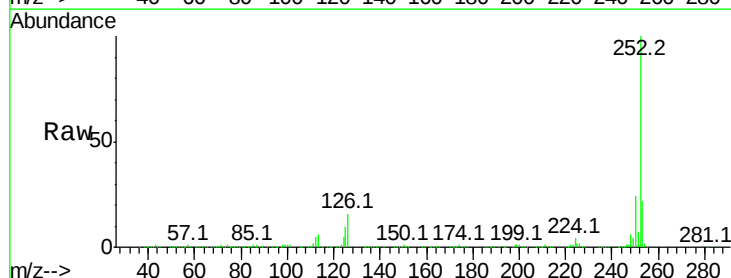
Tgt Ion:252 Resp: 2103752

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

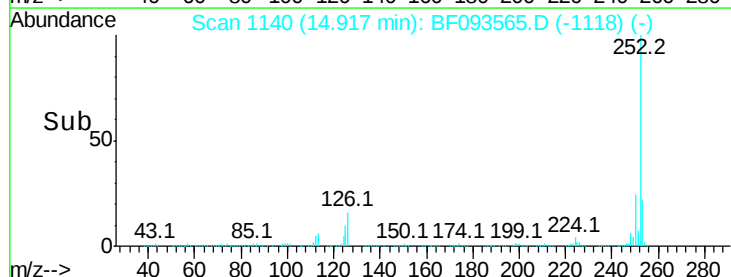
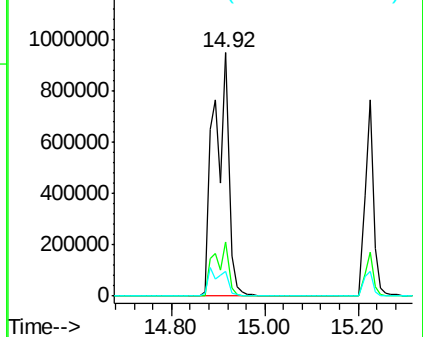
125 10.4 8.9 13.3

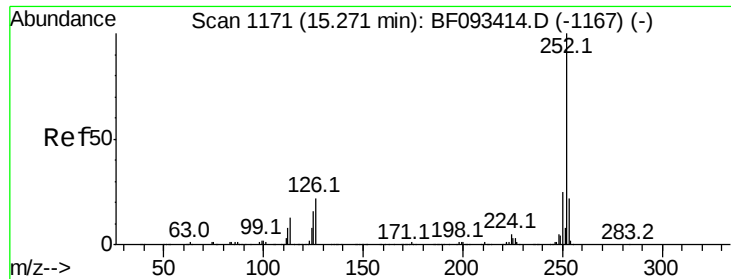


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

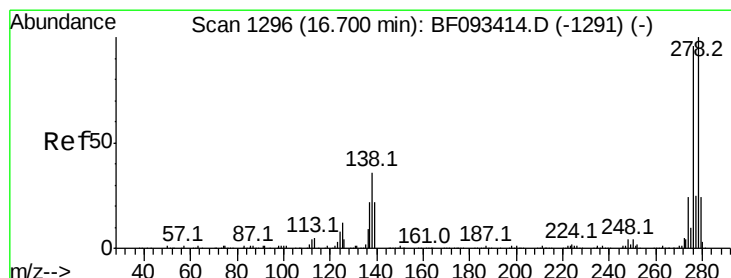
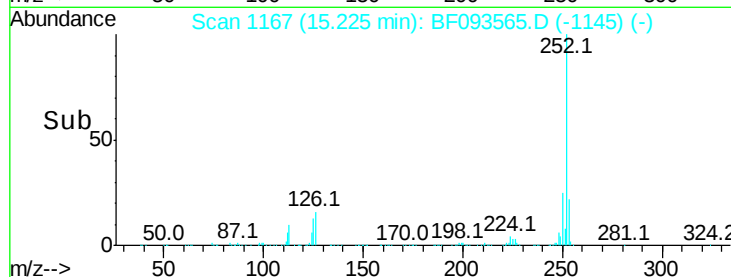
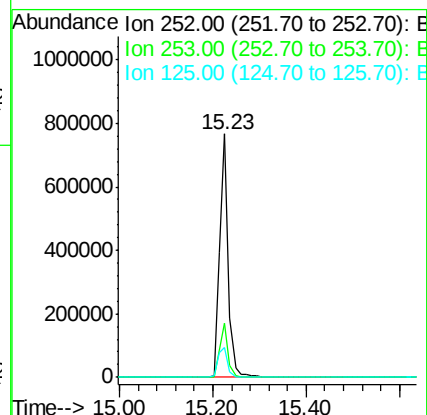
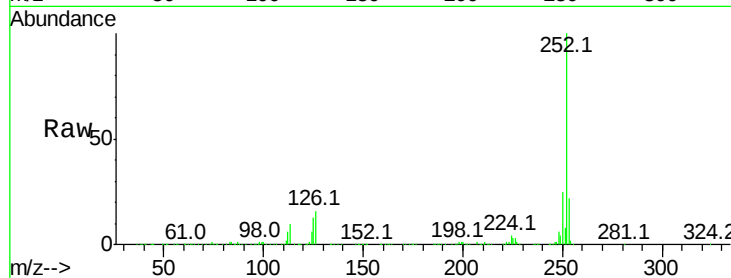




#89
Benzo(a)pyrene
Concen: 40.61 ng
RT: 15.23 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

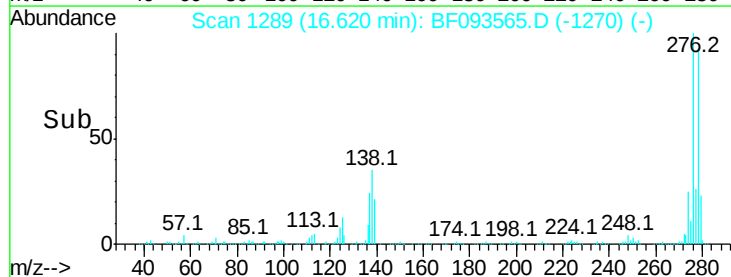
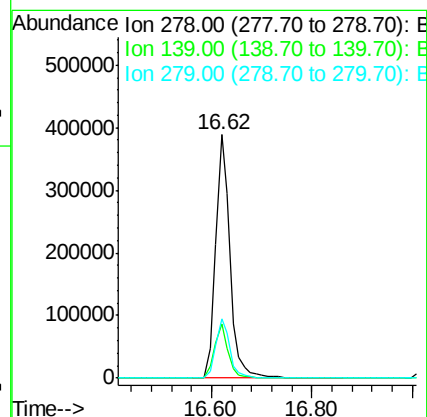
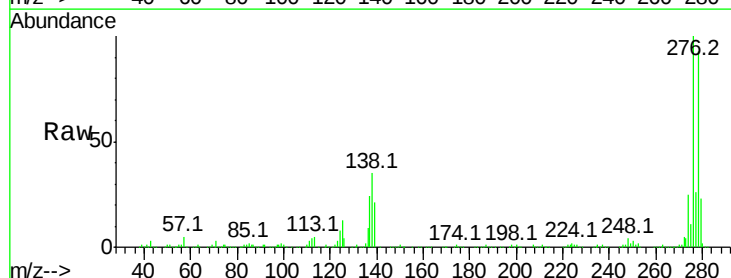
Instrument :
BNA_F
ClientSampleId :

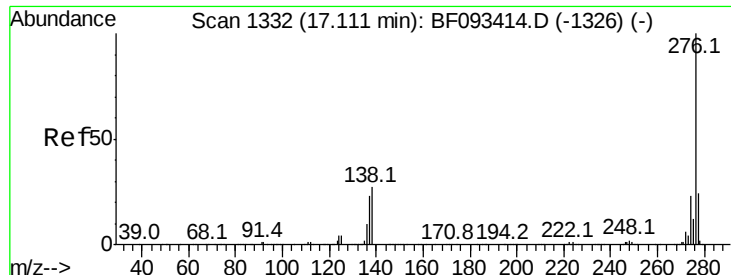
Tot Ion:252 Resp: 970895
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.95 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.08 min
Lab File: BF093565.D
Acq: 11 Mar 2017 14:18

Tgt Ion:278 Resp: 770502
Ion Ratio Lower Upper
278 100
139 22.1 14.8 22.2
279 24.4 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.43 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. -0.09 min
 Lab File: BF093565.D
 Acq: 11 Mar 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	29.0	16.0	24.0

