

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089955.D
 Acq On : 31 Aug 2016 17:28
 Operator : UM/SJ
 Sample : PB93146BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Quant Time: Aug 31 19:28:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187492	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723997	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	364090	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	661847	20.00	ng	0.00
75) Chrysene-d12	13.76	240	438876	20.00	ng	0.00
86) Perylene-d12	15.10	264	427003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1361626	116.24	ng	0.01
7) Phenol-d6	6.28	99	1693930	119.01	ng	0.01
23) Nitrobenzene-d5	7.21	82	1149481	92.08	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	431596	120.15	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1945203	87.70	ng	0.00
78) Terphenyl-d14	12.72	244	1511457	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	206365	37.18	ng	99
3) Pyridine	2.80	79	637654	43.06	ng	98
4) n-Nitrosodimethylamine	2.75	42	319800	43.80	ng	97
6) Aniline	6.30	93	534248	27.51	ng	# 52
8) 2-Chlorophenol	6.42	128	562838	44.29	ng	93
9) Benzaldehyde	6.17	77	107658	11.72	ng	88
10) Phenol	6.30	94	583916	35.28	ng	94
11) bis(2-Chloroethyl)ether	6.39	93	563058	44.95	ng	86
12) 1,3-Dichlorobenzene	6.58	146	604278	42.58	ng	99
13) 1,4-Dichlorobenzene	6.65	146	594128	40.91	ng	100
14) 1,2-Dichlorobenzene	6.81	146	605178	46.49	ng	99
15) Benzyl Alcohol	6.79	79	406544	45.60	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1085230	45.44	ng	98
17) 2-Methylphenol	6.91	107	508318	50.09	ng	97
18) Hexachloroethane	7.15	117	222751	44.78	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	414714	44.71	ng	97
20) 3+4-Methylphenols	7.06	107	536741	43.63	ng	97
22) Acetophenone	7.05	105	687526	42.33	ng	# 93
24) Nitrobenzene	7.22	77	549739	41.42	ng	96
25) Isophorone	7.47	82	1131901	44.59	ng	99
26) 2-Nitrophenol	7.54	139	295542	46.58	ng	98
27) 2,4-Dimethylphenol	7.60	122	556996	47.46	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	748486	48.89	ng	99
29) 2,4-Dichlorophenol	7.78	162	479434	45.57	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	537379	46.72	ng	98
31) Naphthalene	7.94	128	1498660	41.55	ng	100
32) Benzoic acid	7.72	122	285203	36.08	ng	92
33) 4-Chloroaniline	8.00	127	312082	21.45	ng	95
34) Hexachlorobutadiene	8.07	225	288758	42.84	ng	100
35) Caprolactam	8.38	113	123744	37.26	ng	# 72
36) 4-Chloro-3-methylphenol	8.49	107	524566	47.08	ng	86
37) 2-Methylnaphthalene	8.64	142	1168758	49.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	395008	37.03	ng	99
40) Hexachlorocyclopentadiene	8.79	237	400995	73.32	ng	94

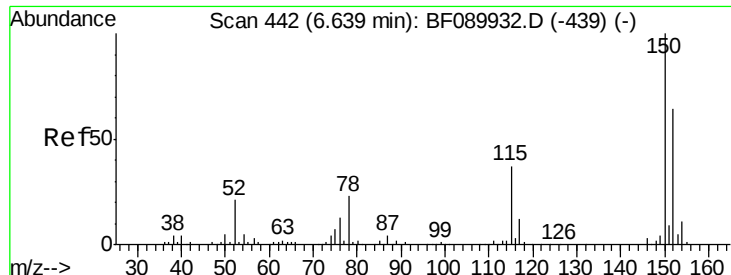
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089955.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351890	47.61	nq	99
43) 2,4,5-Trichlorophenol	8.96	196	349870	49.22	nq	# 92
45) 1,1'-Biphenyl	9.10	154	1078229	36.78	nq	100
46) 2-Chloronaphthalene	9.12	162	929358	44.82	nq	99
47) 2-Nitroaniline	9.22	65	353501	52.15	nq	# 63
48) Acenaphthylene	9.53	152	1480925	43.19	nq	100
49) Dimethylphthalate	9.42	163	1208858	45.94	nq	# 97
50) 2,6-Dinitrotoluene	9.46	165	259932	44.41	nq	95
51) Acenaphthene	9.70	154	1018218	46.87	nq	99
52) 3-Nitroaniline	9.62	138	177787	26.63	nq	99
53) 2,4-Dinitrophenol	9.74	184	202722	58.48	nq	# 62
54) Dibenzofuran	9.87	168	1343149	46.14	nq	99
55) 4-Nitrophenol	9.80	139	465188	92.39	nq	89
56) 2,4-Dinitrotoluene	9.86	165	321426	43.31	nq	# 84
57) Fluorene	10.22	166	1030394	48.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	294365	48.37	nq	96
59) Diethylphthalate	10.10	149	1158370	46.79	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	475306	47.48	nq	96
61) 4-Nitroaniline	10.24	138	288842	44.04	nq	95
62) Azobenzene	10.36	77	1183204	47.85	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	136398	32.19	nq	94
65) n-Nitrosodiphenylamine	10.33	169	881210	44.29	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	323969	48.62	nq	99
67) Hexachlorobenzene	10.75	284	324544	42.64	nq	97
68) Atrazine	10.87	200	352702	53.10	nq	94
69) Pentachlorophenol	10.95	266	332124	81.11	nq	98
70) Phenanthrene	11.16	178	1505568	45.68	nq	100
71) Anthracene	11.21	178	1516125	45.35	nq	99
72) Carbazole	11.37	167	1326736	42.33	nq	99
73) Di-n-butylphthalate	11.72	149	1787883	48.94	nq	# 97
74) Fluoranthene	12.34	202	1526564	44.20	nq	98
76) Benzidine	12.47	184	656240	39.47	nq	97
77) Pyrene	12.56	202	1449797	46.85	nq	100
79) Butylbenzylphthalate	13.20	149	627293	50.27	nq	99
80) Benzo(a)anthracene	13.75	228	1215033	45.20	nq	98
81) 3,3'-Dichlorobenzidine	13.71	252	365461	37.67	nq	97
82) Chrysene	13.78	228	1137004	45.28	nq	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	876909	50.81	nq	100
84) Di-n-octyl phthalate	14.38	149	1476643	53.00	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1195260	64.39	nq	100
87) Benzo(b)fluoranthene	14.77	252	2216340	82.85	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2216340	97.64	nq	# 98
89) Benzo(a)pyrene	15.05	252	1119440	48.84	nq	# 98
90) Dibenzo(a,h)anthracene	16.35	278	1005072	59.85	nq	99
91) Benzo(g,h,i)perylene	16.70	276	983392	58.18	nq	# 94

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

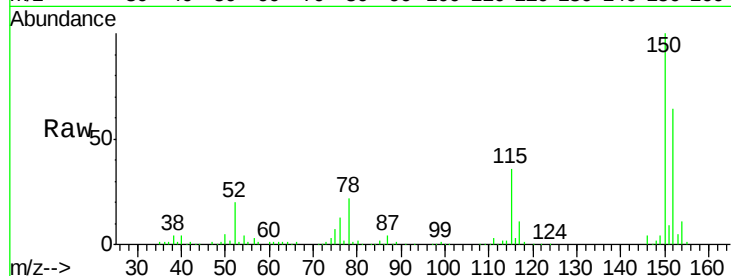


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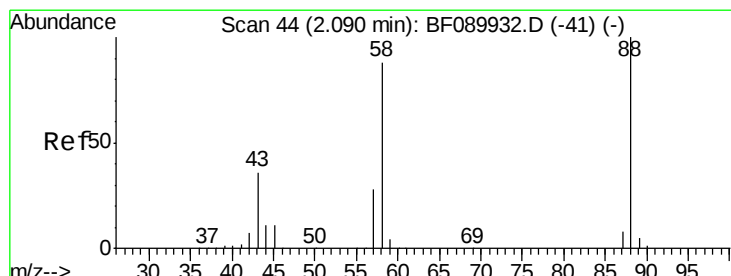
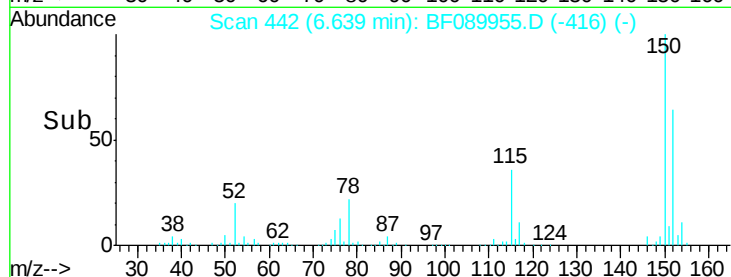
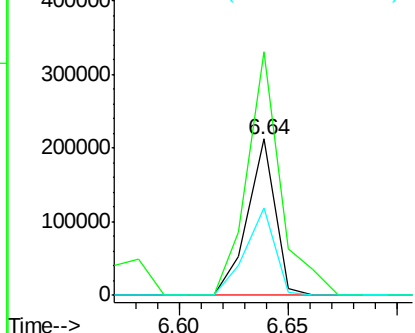
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:152 Resp: 187492
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 56.0 46.3 69.5



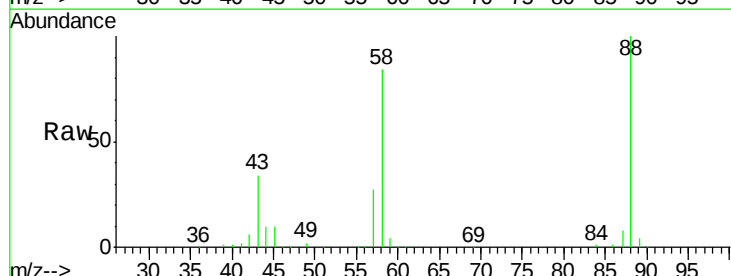
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



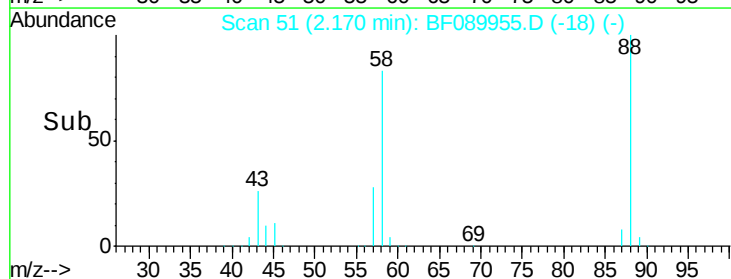
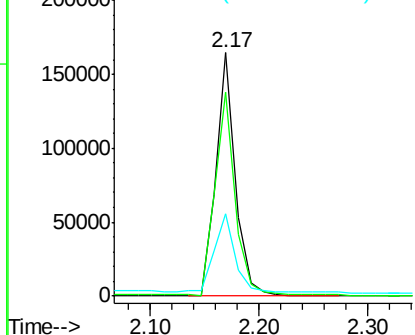
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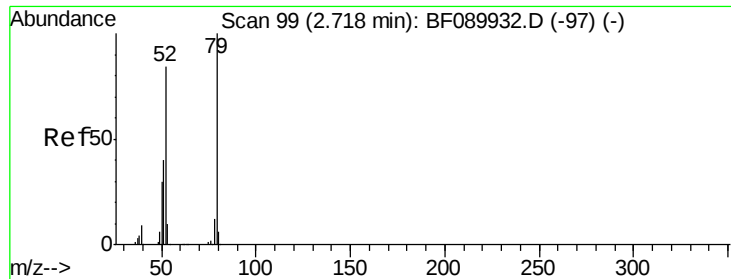
1,4-Dioxane
Concen: 37.18 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion: 88 Resp: 206365
Ion Ratio Lower Upper
88 100
58 86.9 68.8 103.2
43 34.3 27.0 40.6



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: 43.06 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

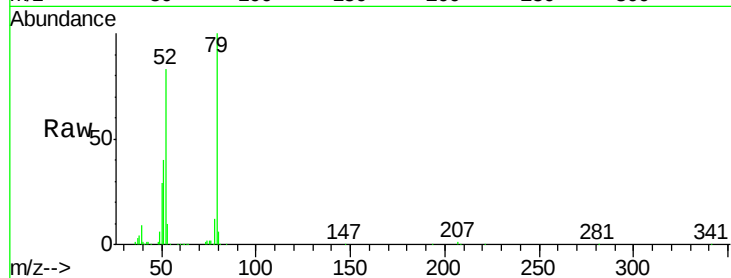
Tot Ion: 79 Resp: 637654

Ion Ratio Lower Upper

79 100

52 82.7 67.8 101.6

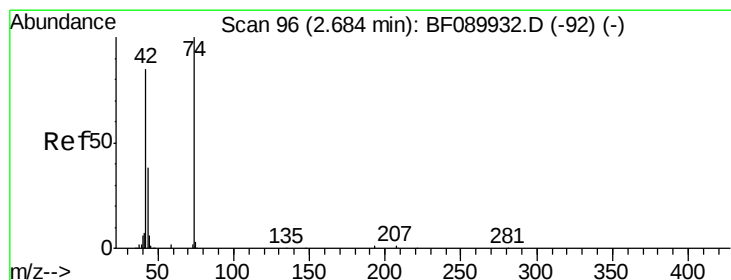
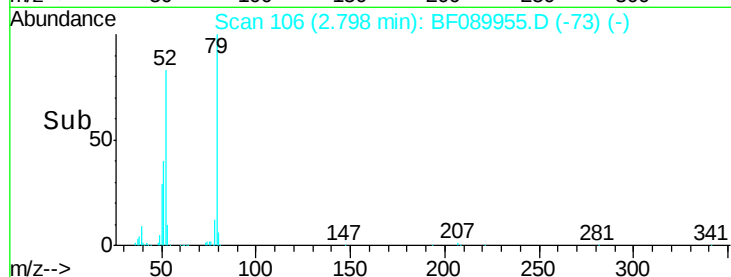
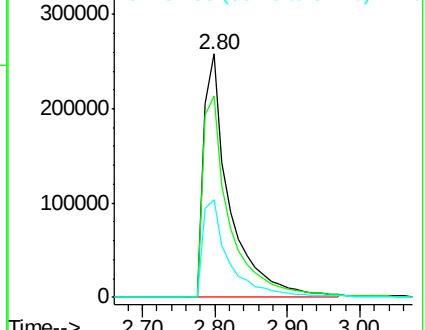
51 39.9 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.80 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

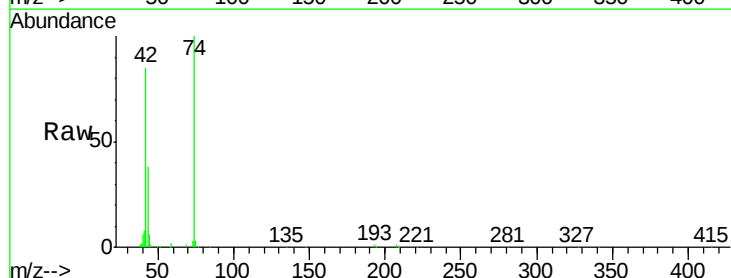
Tgt Ion: 42 Resp: 319800

Ion Ratio Lower Upper

42 100

74 118.3 92.0 138.0

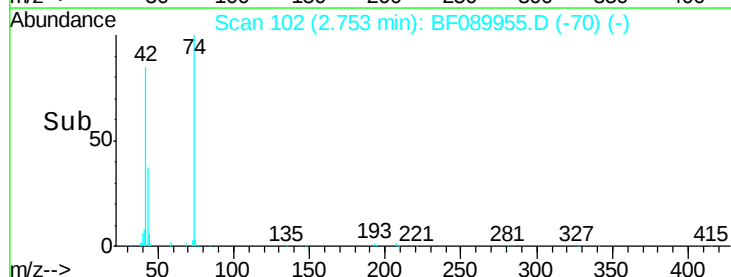
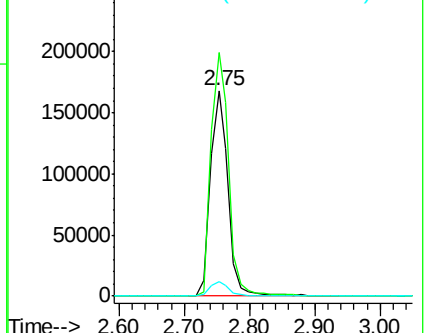
44 6.9 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.24 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampled :

PB93146BS

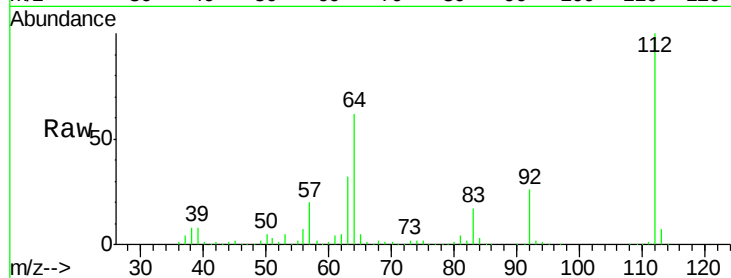
Tot Ion:112 Resp: 1361626

Ion Ratio Lower Upper

112 100

64 62.2 41.1 61.7#

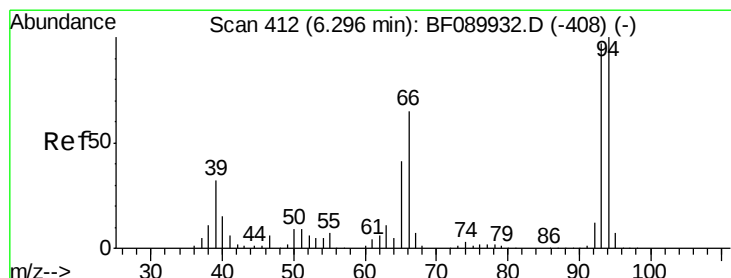
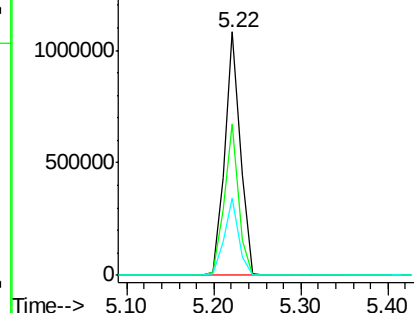
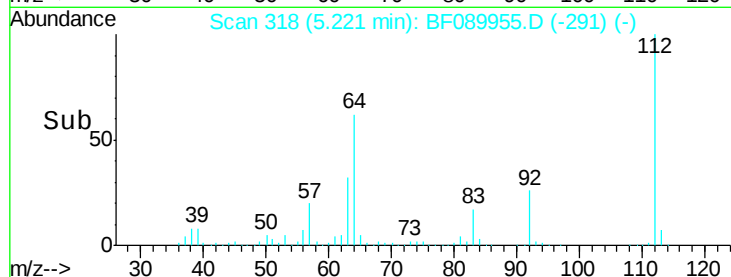
63 31.9 21.2 31.8#



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: 27.51 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

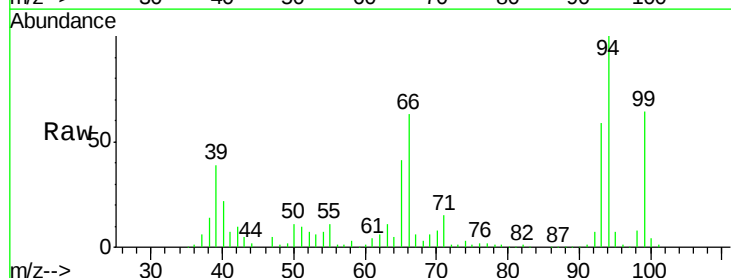
Tgt Ion: 93 Resp: 534248

Ion Ratio Lower Upper

93 100

66 105.9 52.9 79.3#

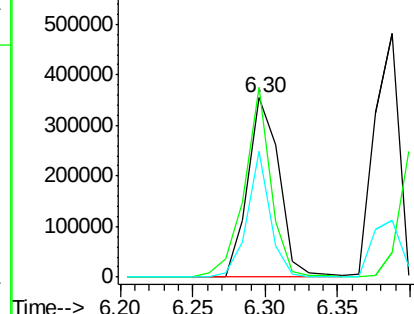
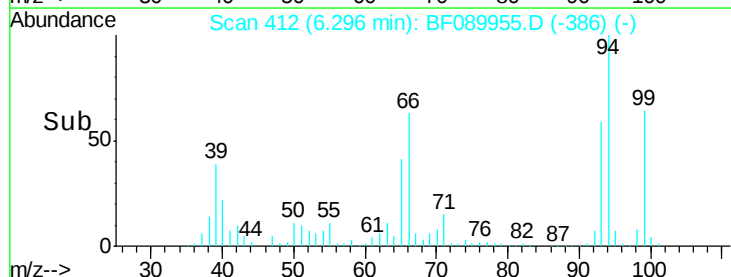
65 70.0 33.0 49.6#

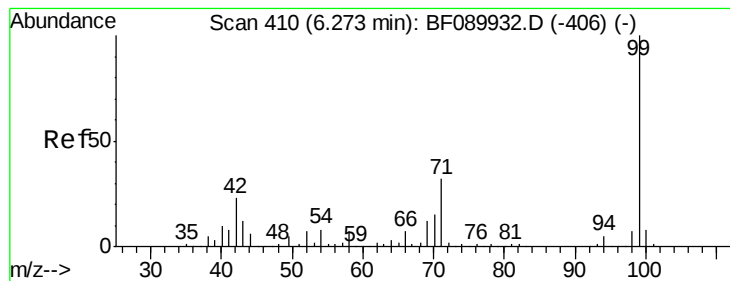


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

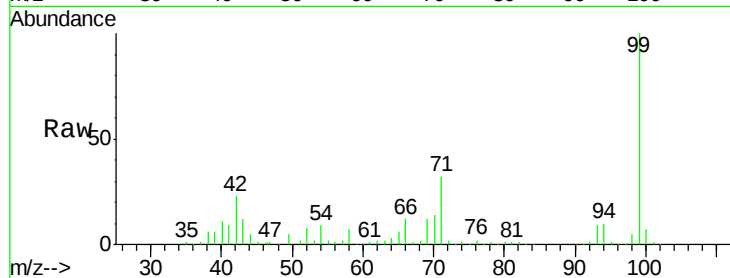
BNA_F

ClientSampleId :

PB93146BS

Tot Ion: 99 Resp: 1693930

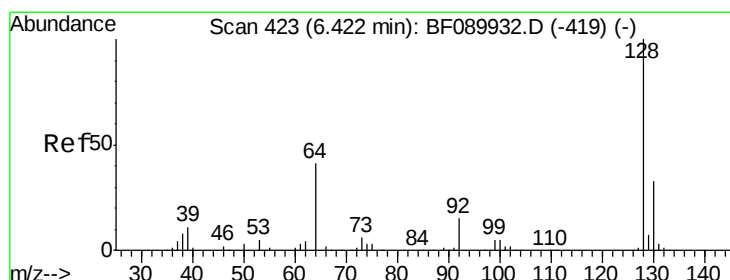
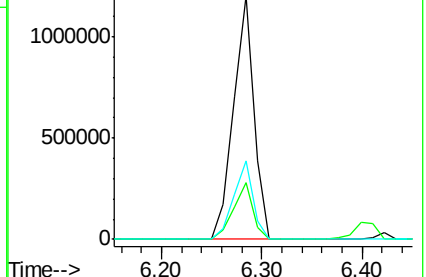
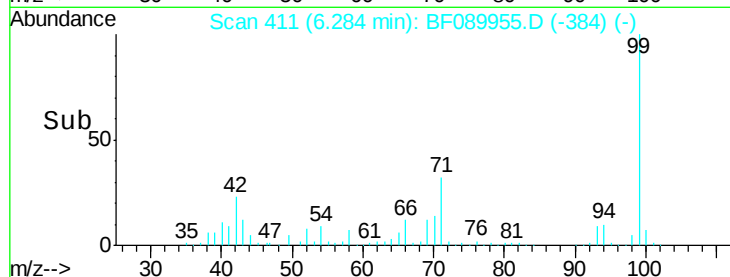
Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.6	27.8
71	32.3	25.8	38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.29 ng

RT: 6.42 min Scan# 423

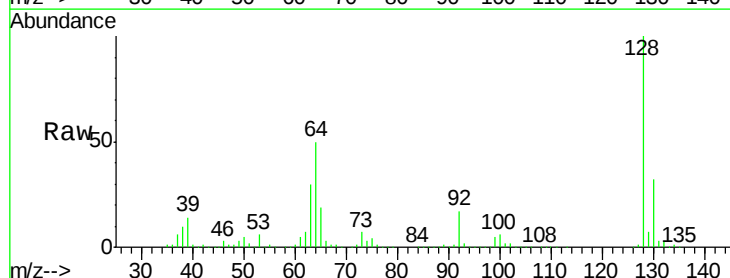
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:128 Resp: 562838

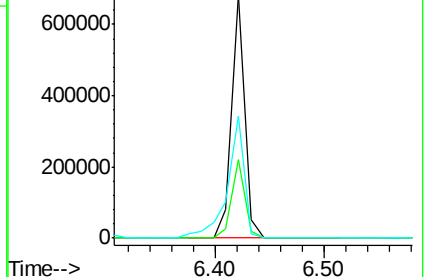
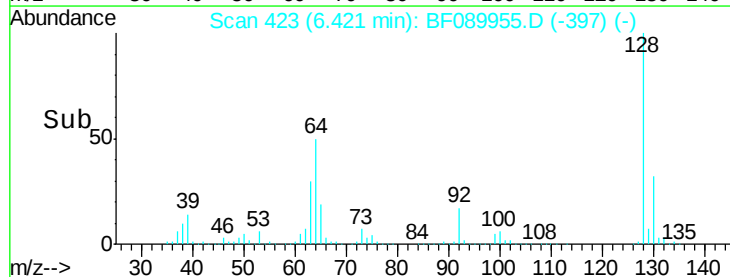
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	50.0	23.2	63.2

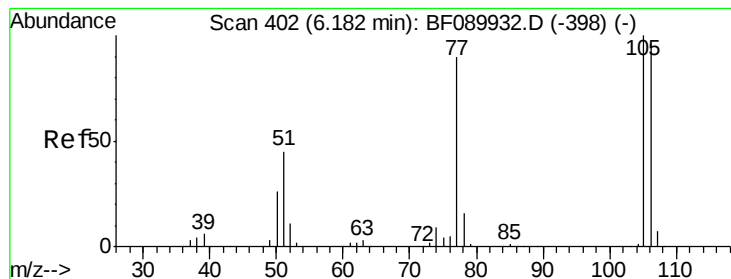


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.72 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

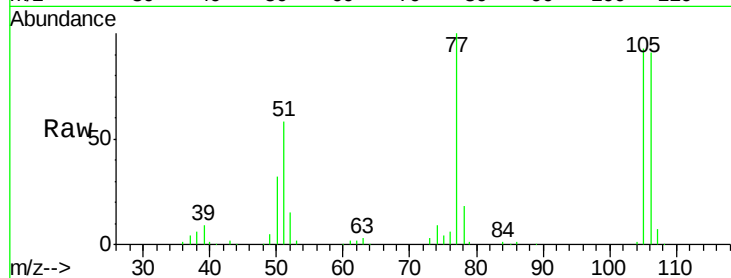
Tot Ion: 77 Resp: 107658

Ion Ratio Lower Upper

77 100

105 93.4 85.4 125.4

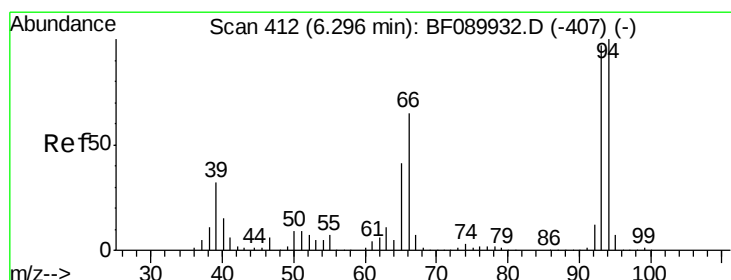
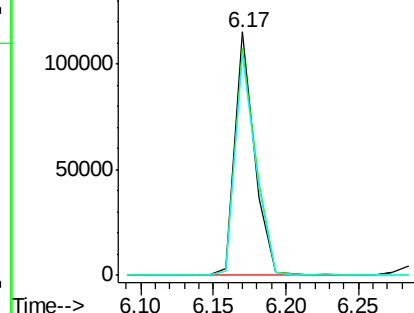
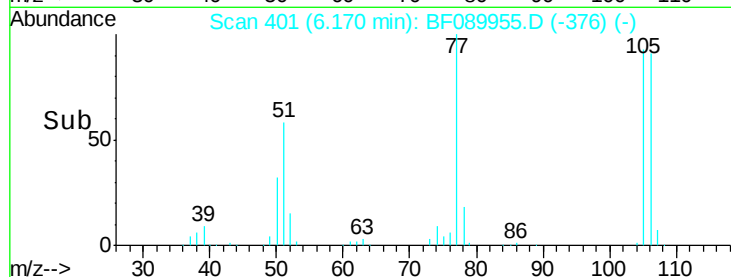
106 90.6 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.28 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

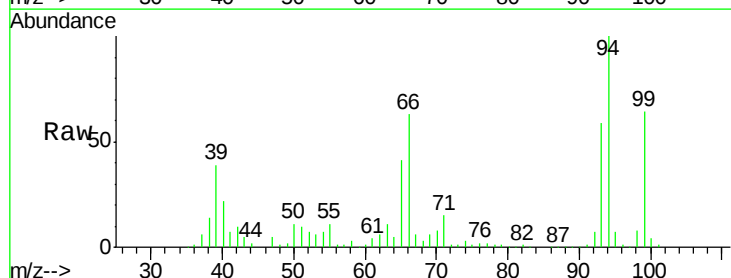
Tgt Ion: 94 Resp: 583916

Ion Ratio Lower Upper

94 100

65 41.5 23.2 63.2

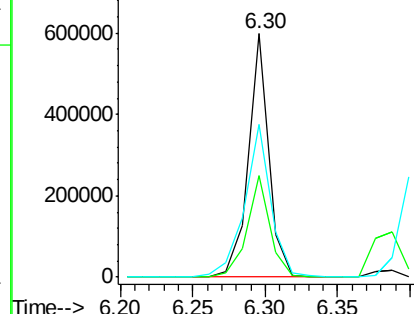
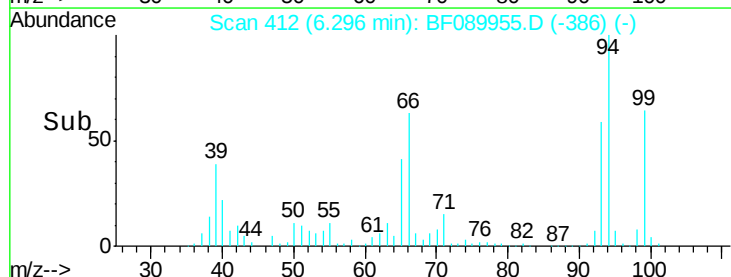
66 62.7 49.2 89.2

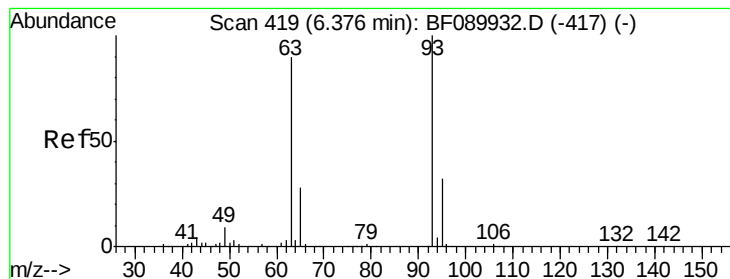


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.95 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

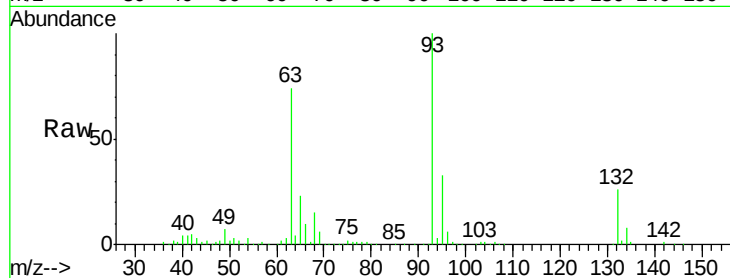
Tot Ion: 93 Resp: 563058

Ion Ratio Lower Upper

93 100

63 73.9 71.1 111.1

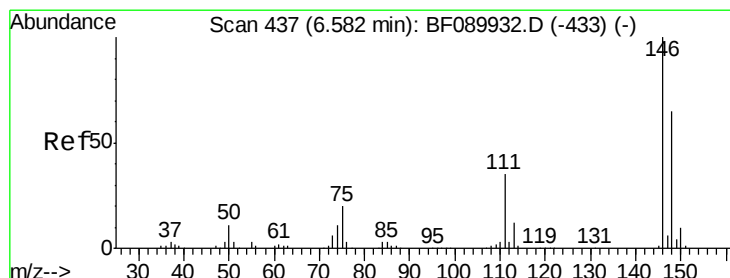
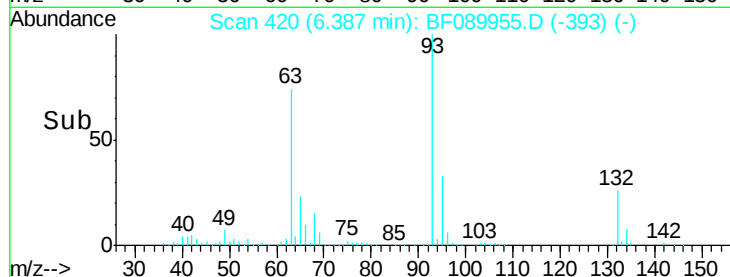
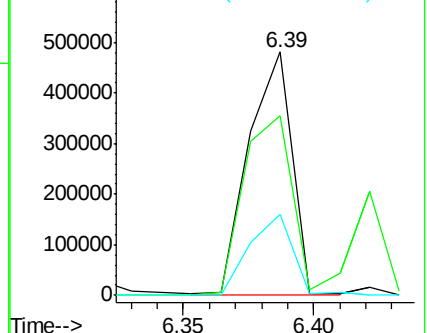
95 33.5 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.58 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

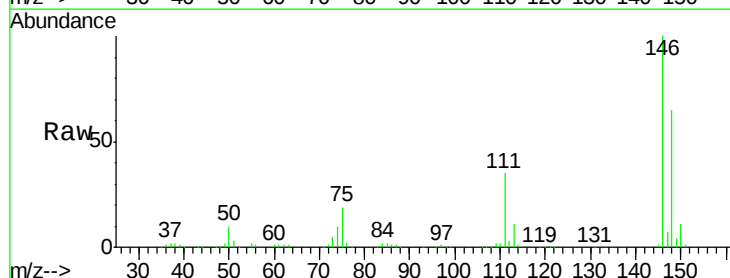
Tgt Ion: 146 Resp: 604278

Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

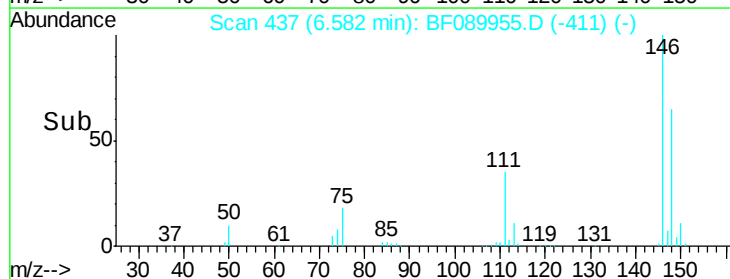
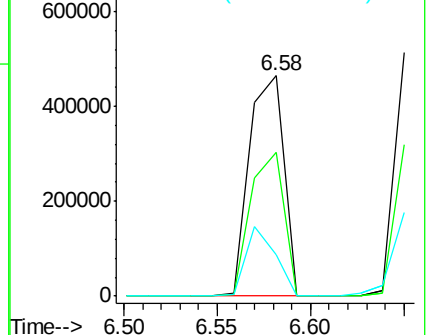
75 18.6 16.6 24.8

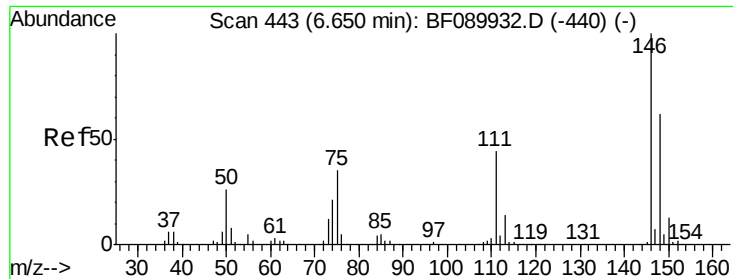


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

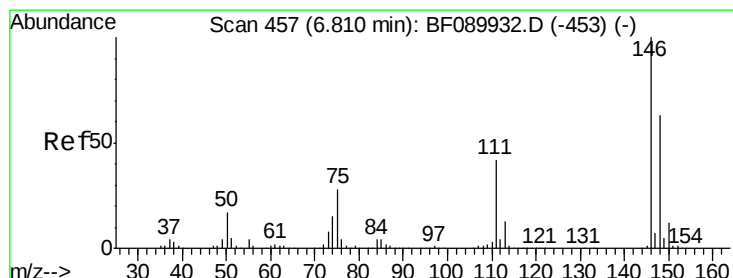
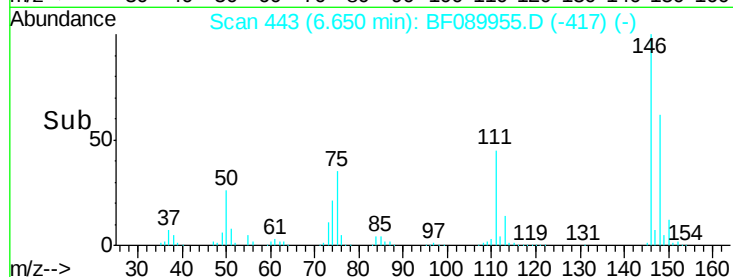
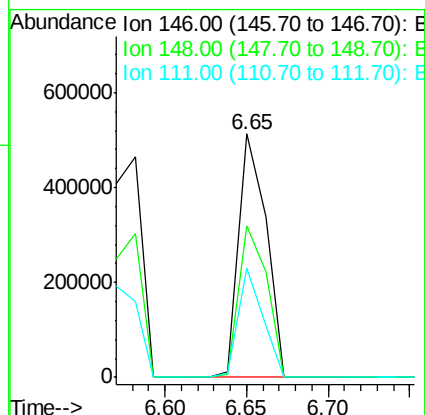
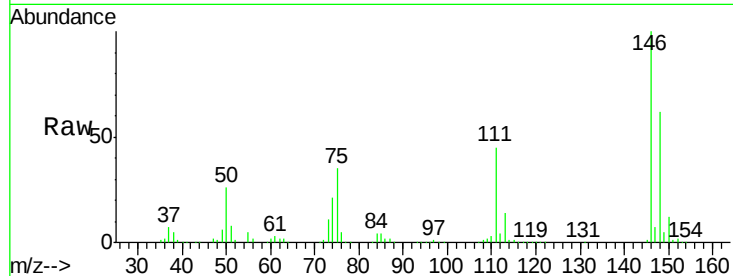




#13
 1,4-Dichlorobenzene
 Concen: 40.91 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

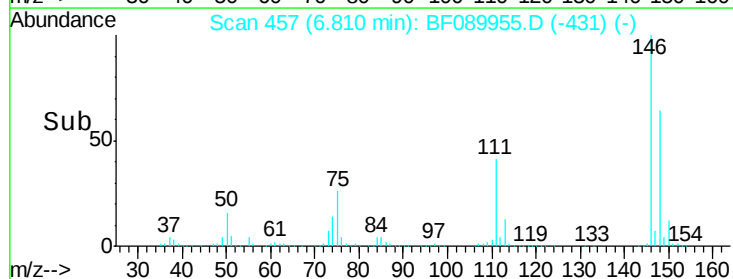
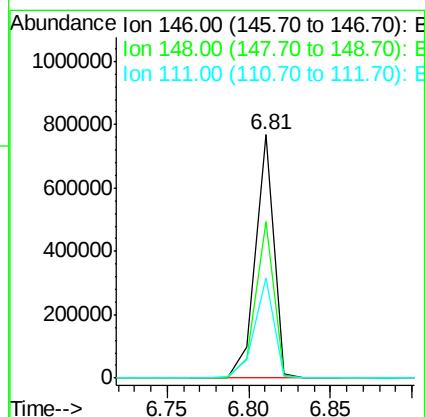
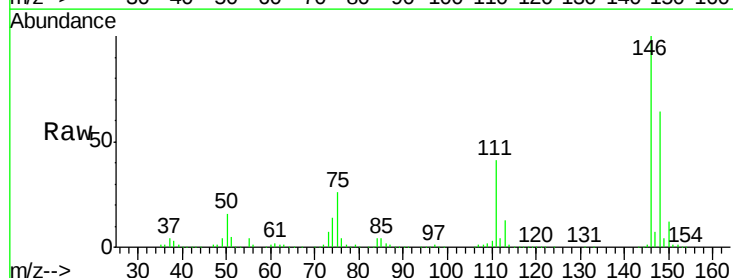
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

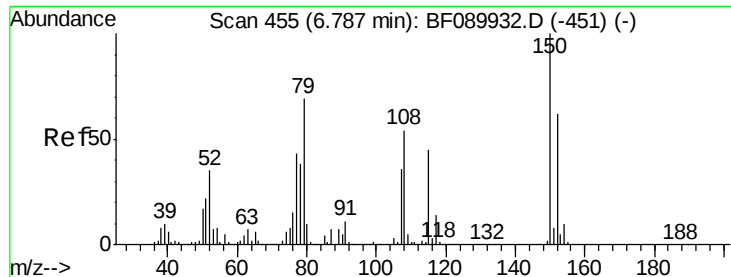
Tot Ion:146 Resp: 594128
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.1 75.1
 111 44.8 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 46.49 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:146 Resp: 605178
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.2
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 45.60 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleID :

PB93146BS

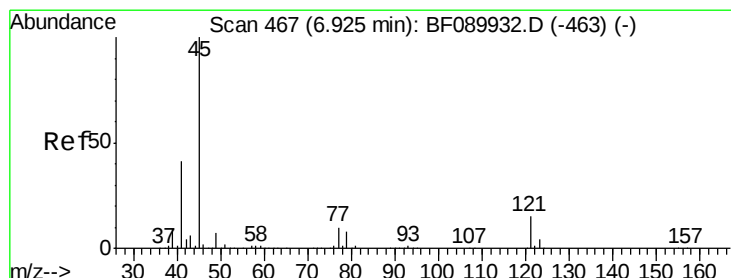
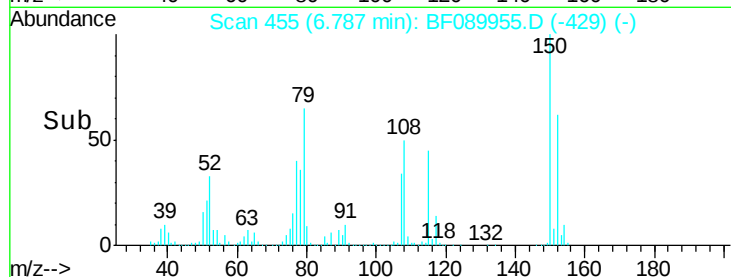
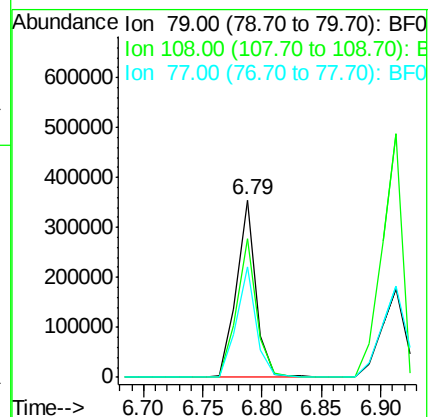
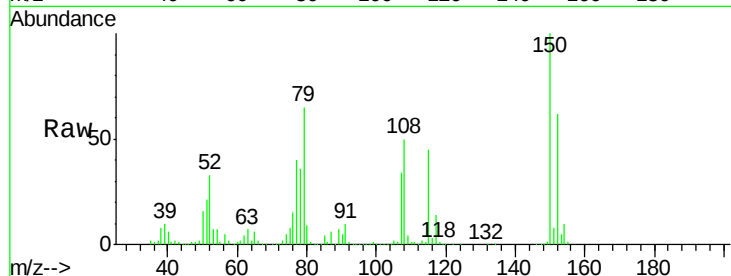
Tot Ion: 79 Resp: 406544

Ion Ratio Lower Upper

79 100

108 77.7 62.1 93.1

77 62.2 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.44 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

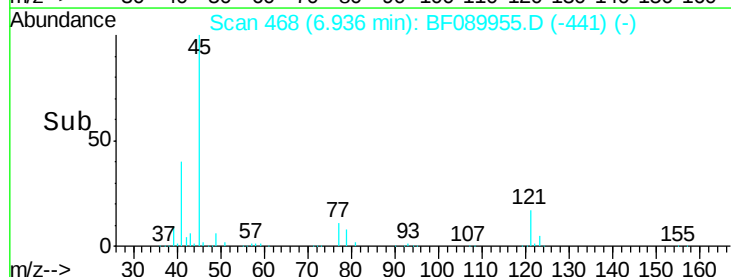
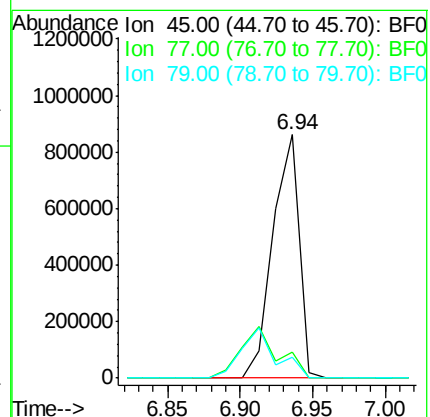
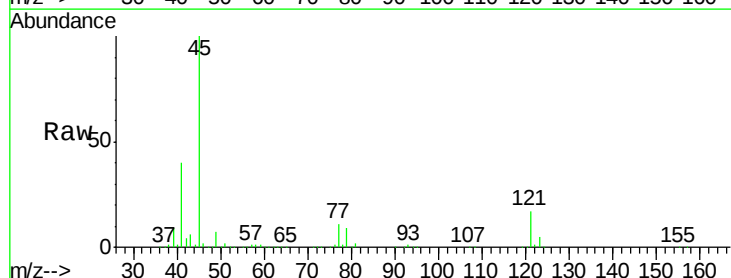
Tgt Ion: 45 Resp: 1085230

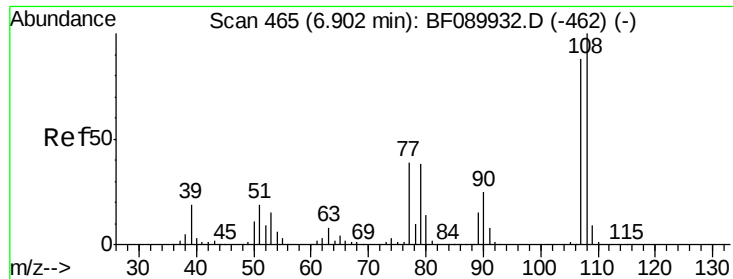
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.6 0.0 27.5

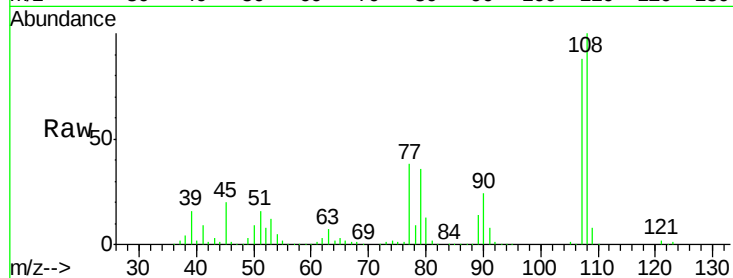




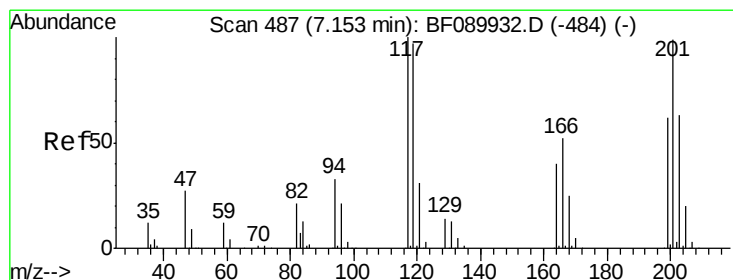
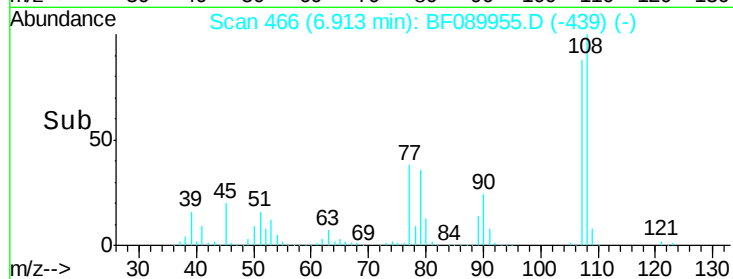
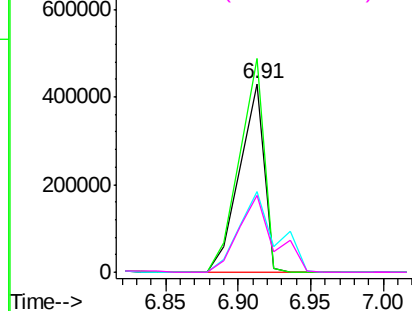
#17
2-Methylphenol
Concen: 50.09 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:107 Resp: 508318
Ion Ratio Lower Upper
107 100
108 113.5 91.8 137.6
77 42.7 36.0 54.0
79 41.1 35.9 53.9

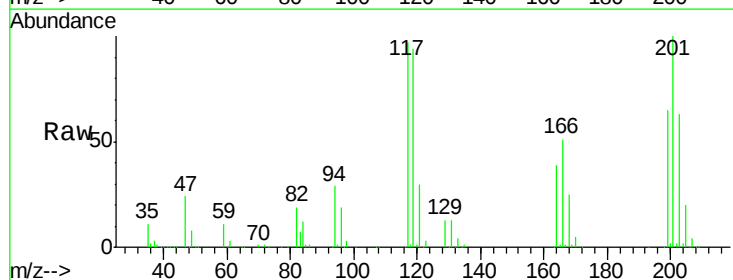


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

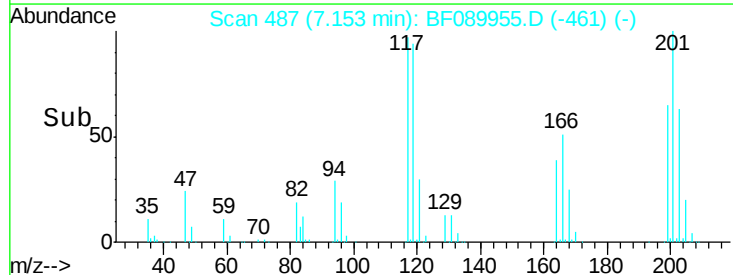
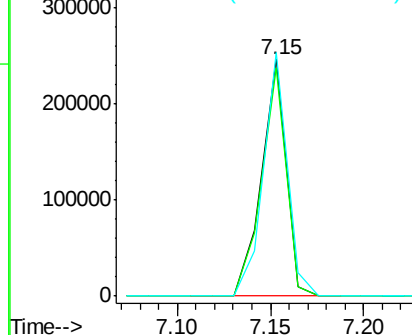


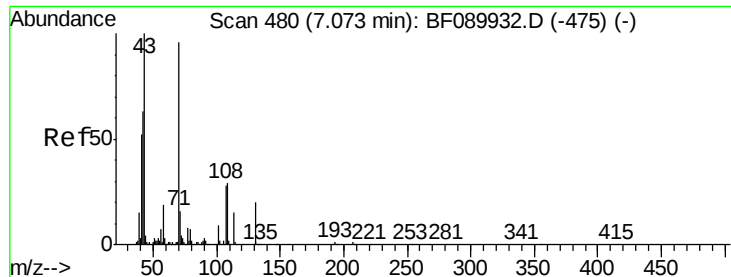
#18
Hexachloroethane
Concen: 44.78 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:117 Resp: 222751
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2
201 102.9 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.71 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion: 70 Resp: 414714

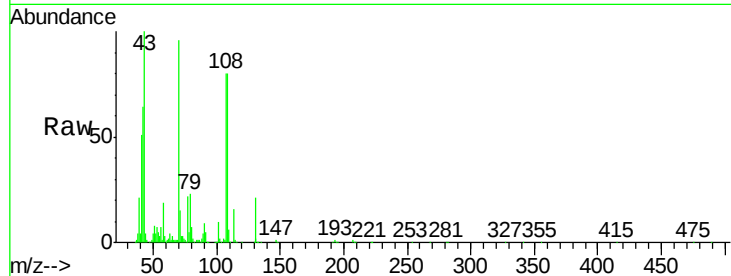
Ion Ratio Lower Upper

70 100

42 67.1 52.1 78.1

101 10.2 7.4 11.2

130 22.5 17.0 25.4

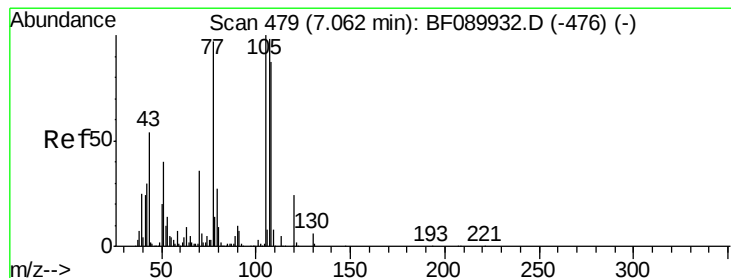
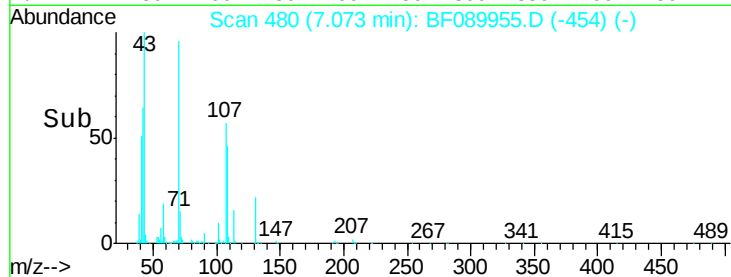
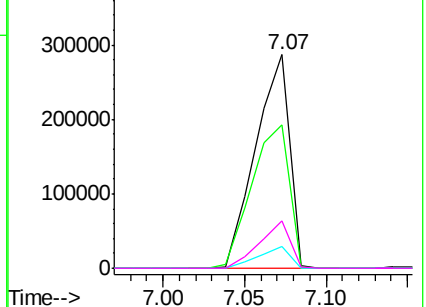


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.63 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion: 107 Resp: 536741

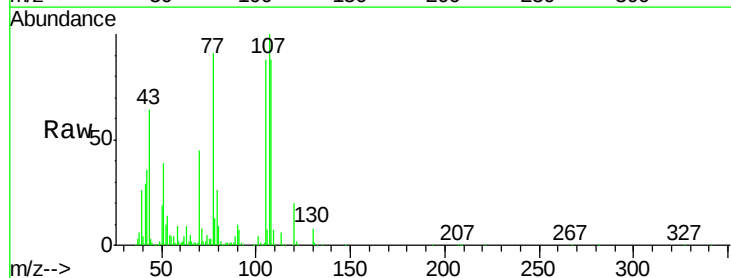
Ion Ratio Lower Upper

107 100

108 88.0 70.2 110.2

77 91.4 75.7 115.7

79 25.9 7.0 47.0

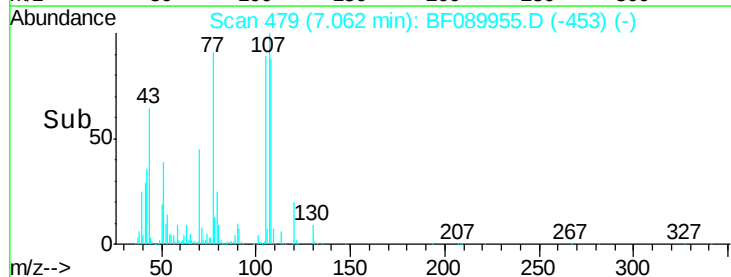
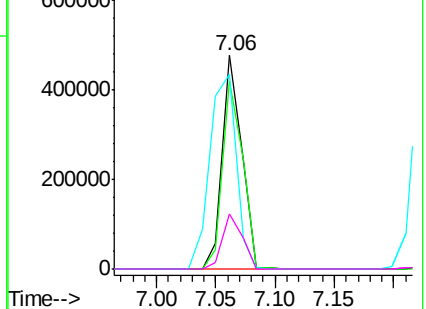


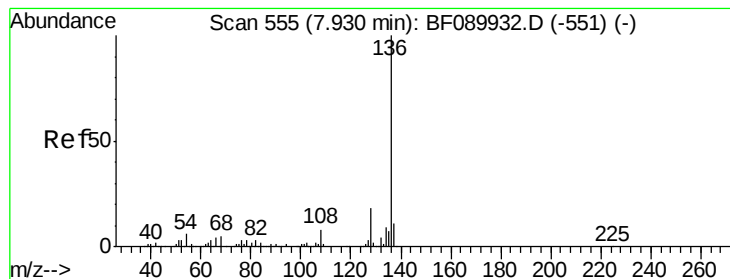
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion:136 Resp: 723997

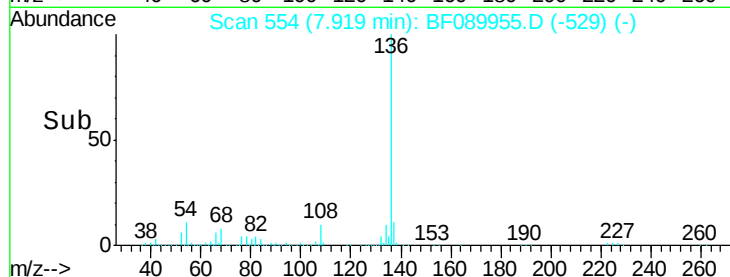
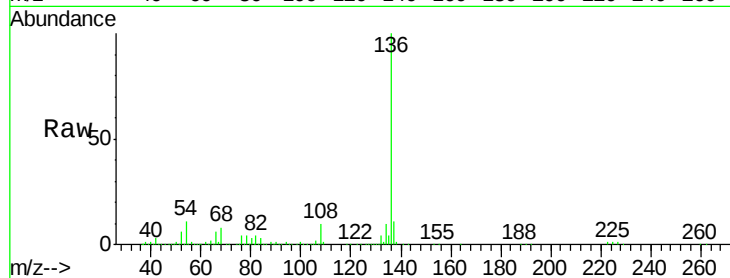
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 11.3 4.8 7.2#

68 7.7 3.7 5.5#



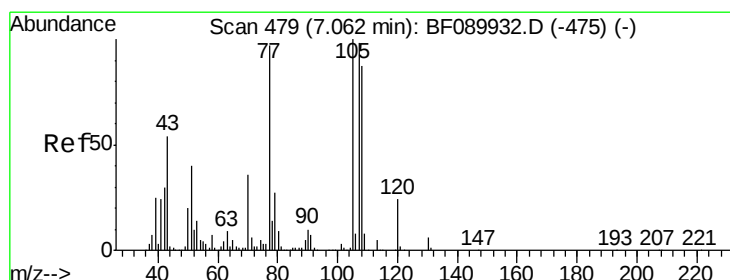
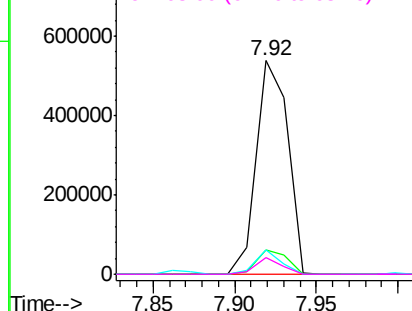
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.33 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:105 Resp: 687526

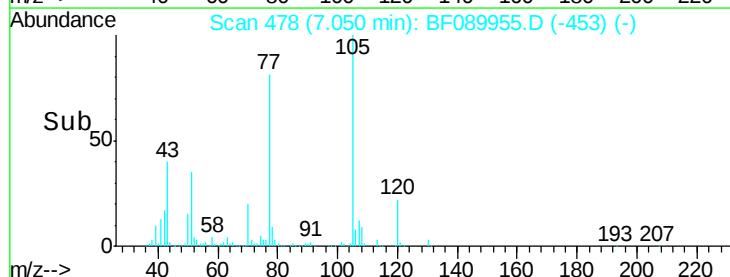
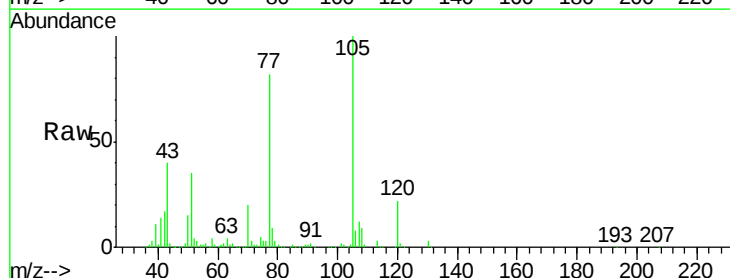
Ion Ratio Lower Upper

105 100

71 3.5 5.3 7.9#

51 35.1 32.6 48.8

120 21.7 18.6 28.0



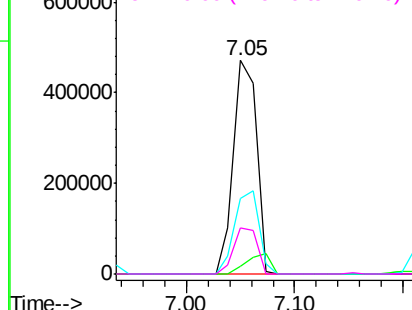
Abundance

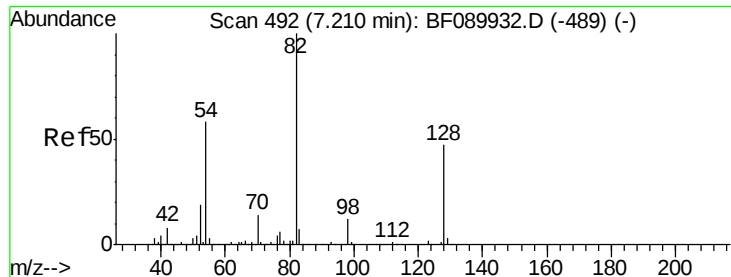
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

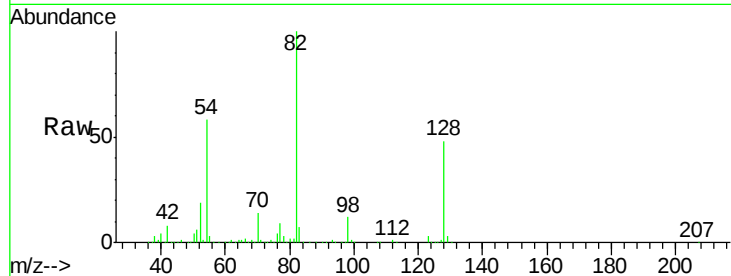




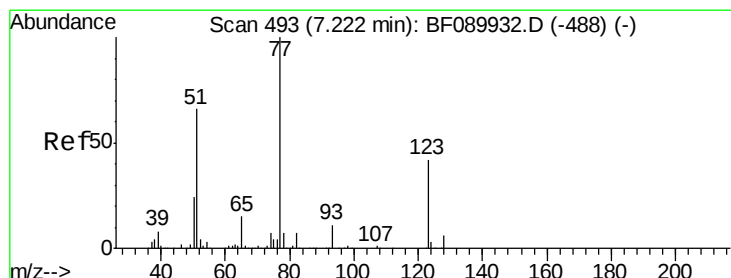
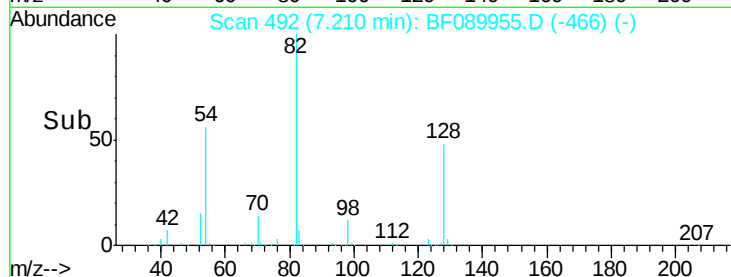
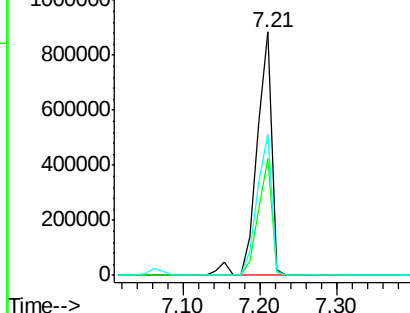
#23
Nitrobenzene-d5
Concen: 92.08 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion: 82 Resp: 1149481
Ion Ratio Lower Upper
82 100
128 47.9 37.8 56.8
54 58.1 46.9 70.3

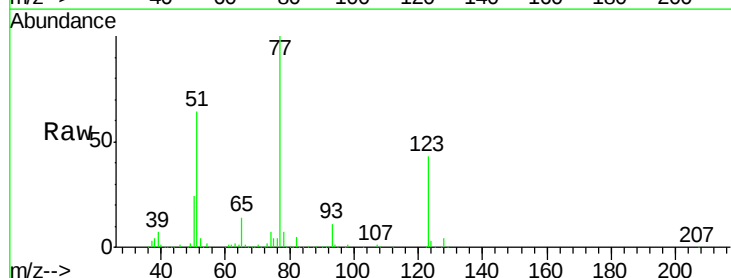


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

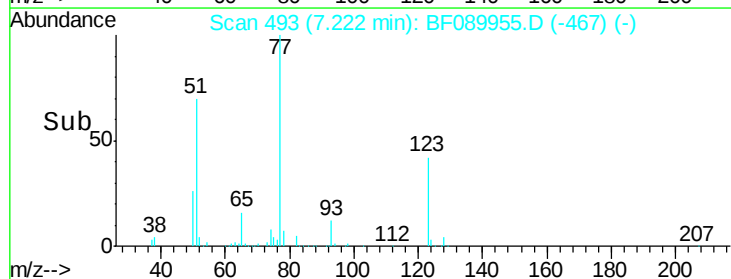
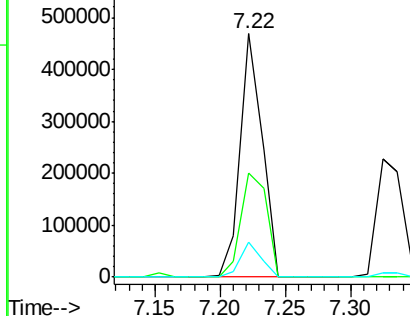


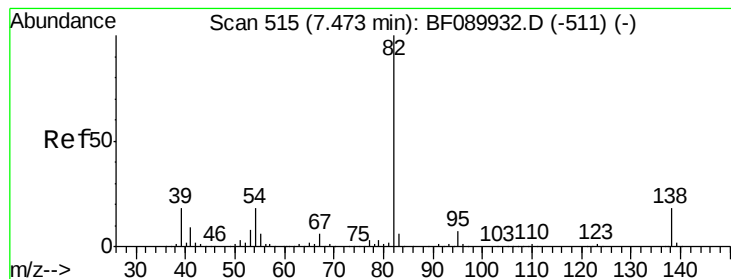
#24
Nitrobenzene
Concen: 41.42 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion: 77 Resp: 549739
Ion Ratio Lower Upper
77 100
123 42.7 32.0 48.0
65 14.4 11.2 16.8



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





#25

Isophorone

Concen: 44.59 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

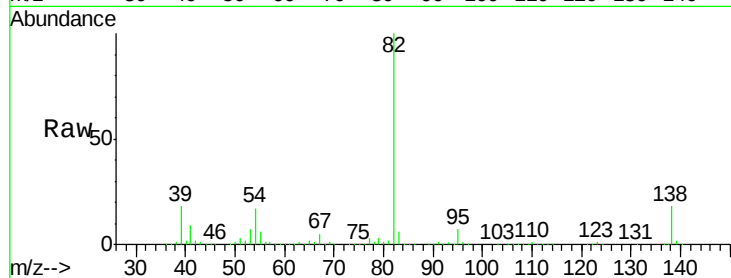
Tot Ion: 82 Resp: 1131901

Ion Ratio Lower Upper

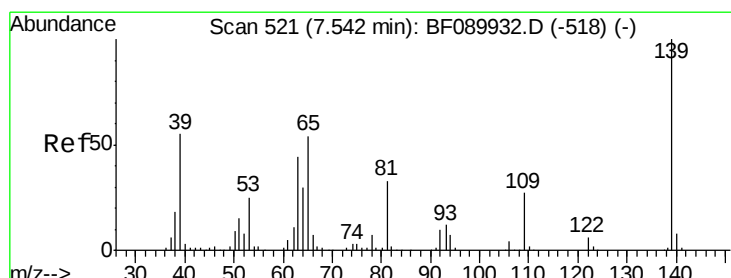
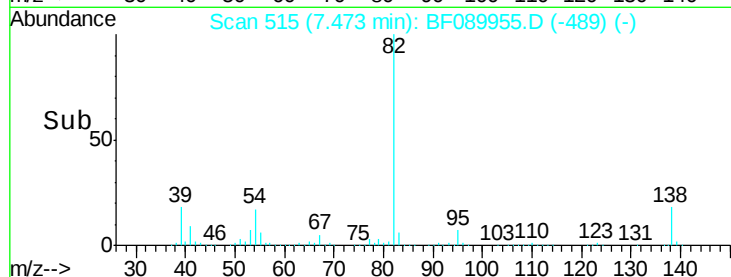
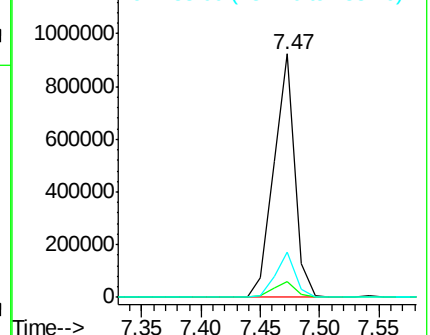
82 100

95 6.7 5.5 8.3

138 18.3 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.58 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

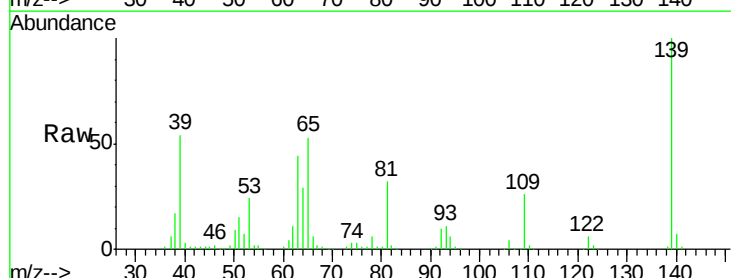
Tgt Ion: 139 Resp: 295542

Ion Ratio Lower Upper

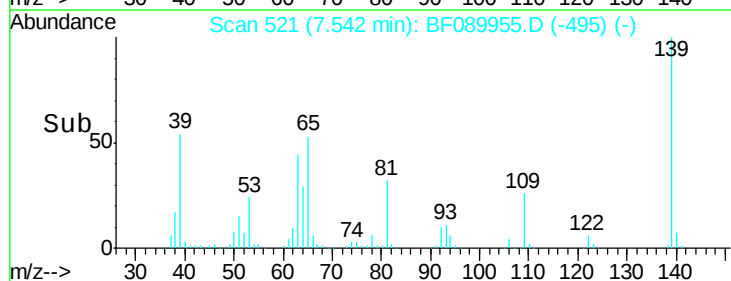
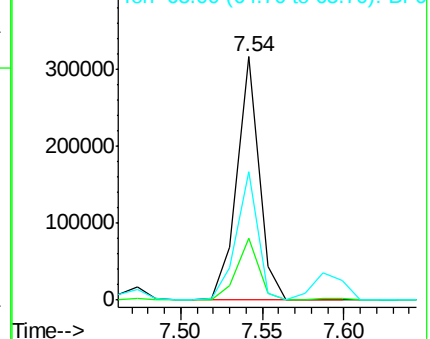
139 100

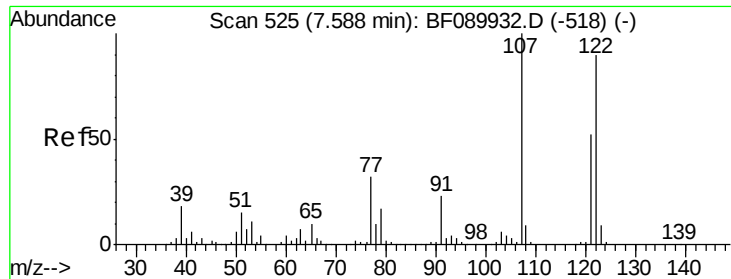
109 25.7 21.0 31.4

65 52.6 43.4 65.0



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





#27

2,4-Dimethylphenol

Concen: 47.46 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

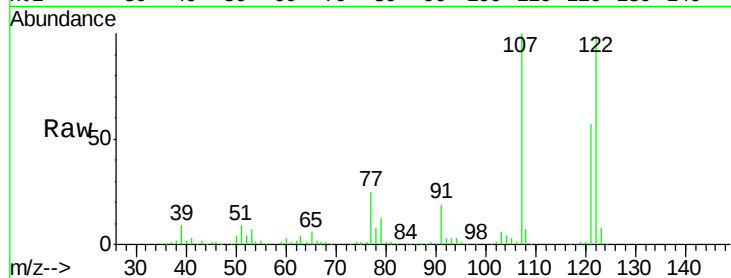
Tot Ion:122 Resp: 556996

Ion Ratio Lower Upper

122 100

107 100.5 88.5 132.7

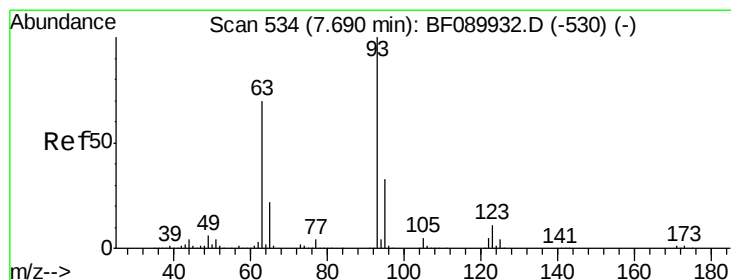
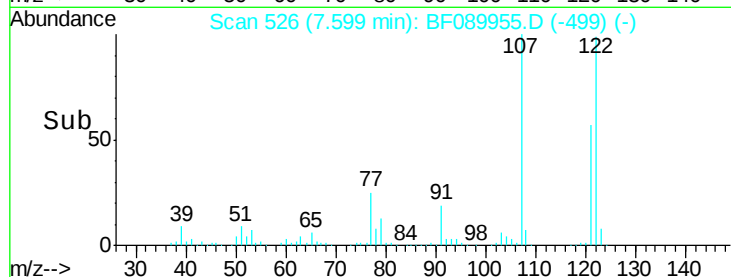
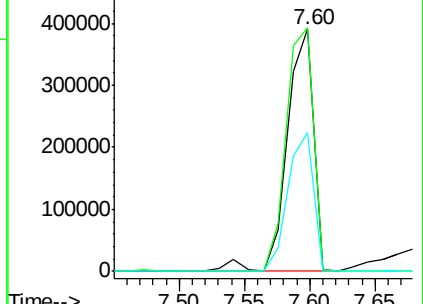
121 57.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.89 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

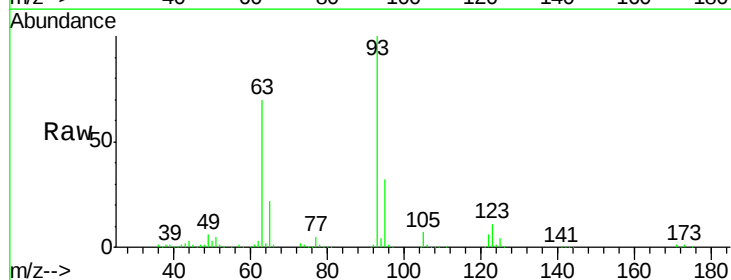
Tgt Ion: 93 Resp: 748486

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

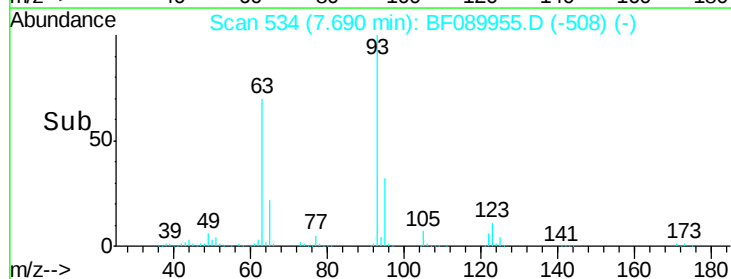
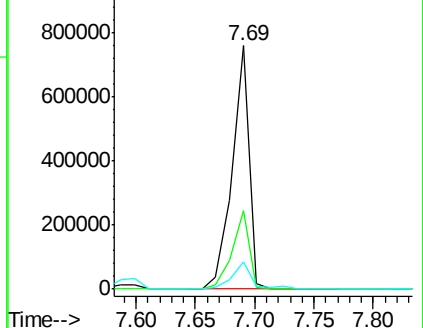
123 11.4 9.1 13.7

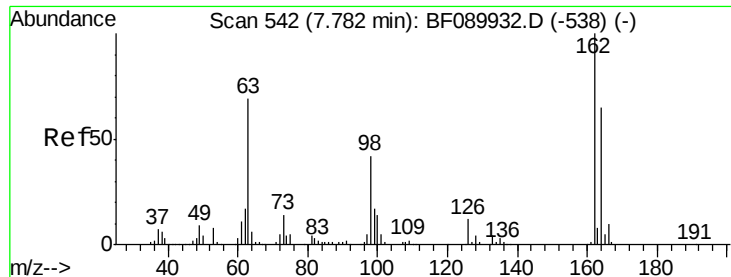


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.57 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

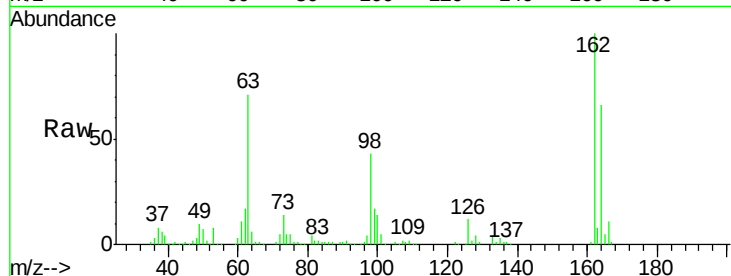
Tot Ion:162 Resp: 479434

Ion Ratio Lower Upper

162 100

164 66.2 46.6 86.6

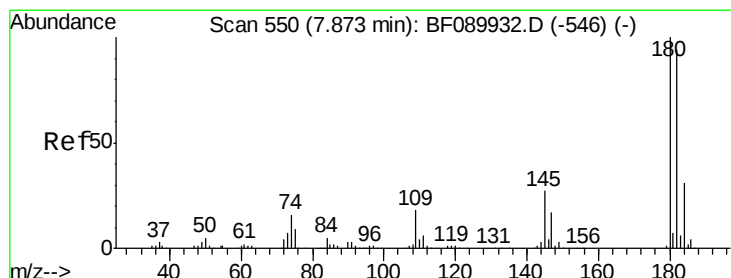
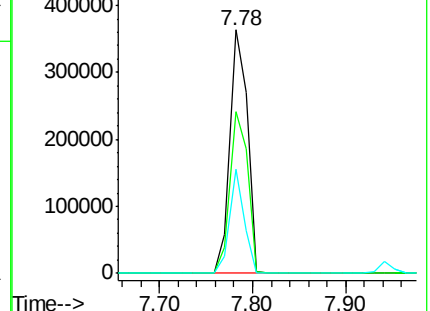
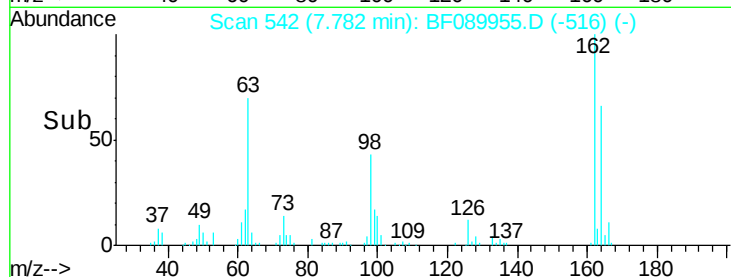
98 42.7 22.0 62.0



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: 46.72 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

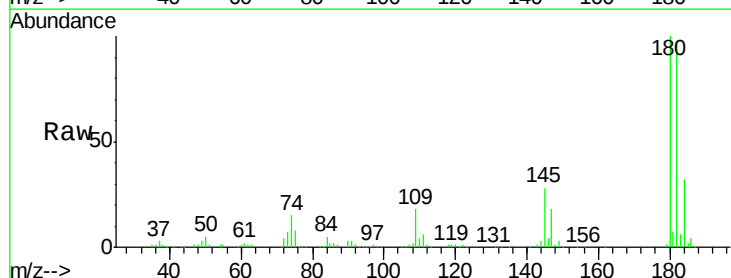
Tgt Ion:180 Resp: 537379

Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.2

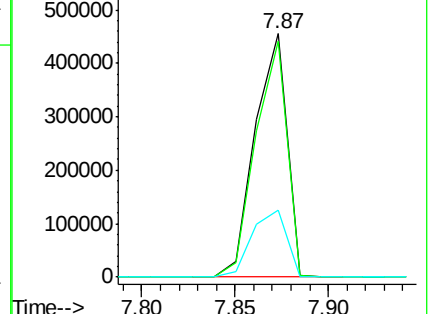
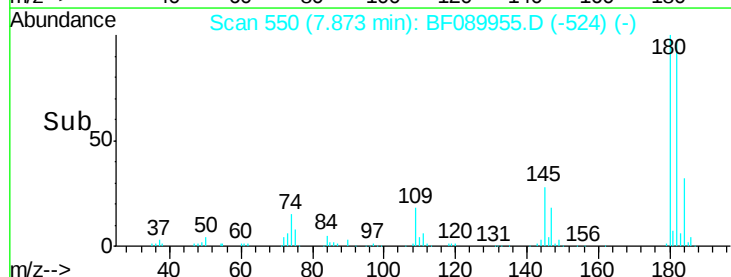
145 27.6 22.2 33.4

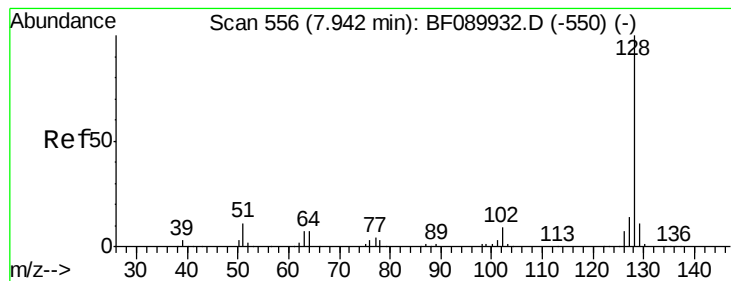


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.55 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

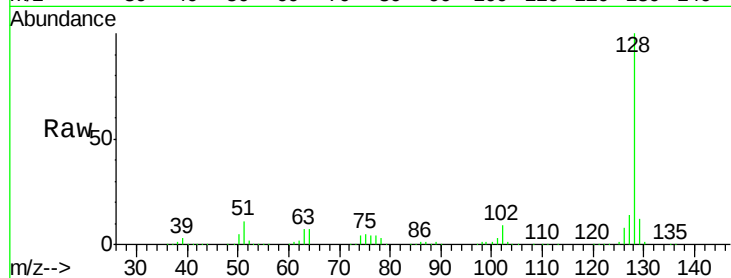
Tot Ion:128 Resp: 1498660

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

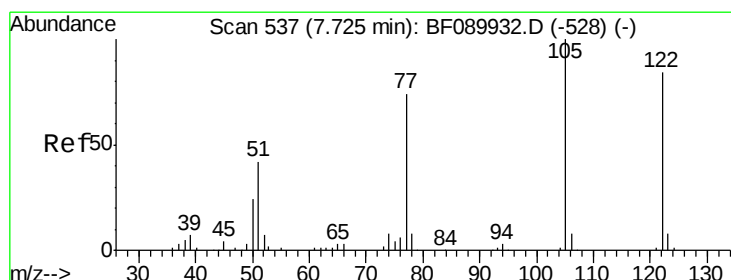
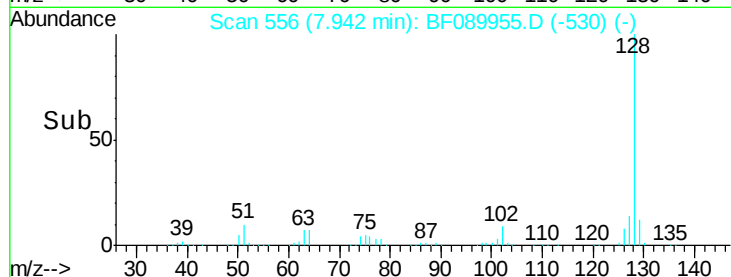
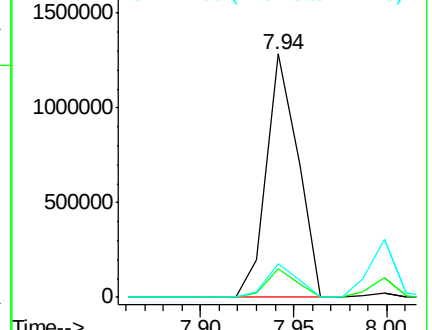
127 13.6 10.7 16.1



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: 36.08 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

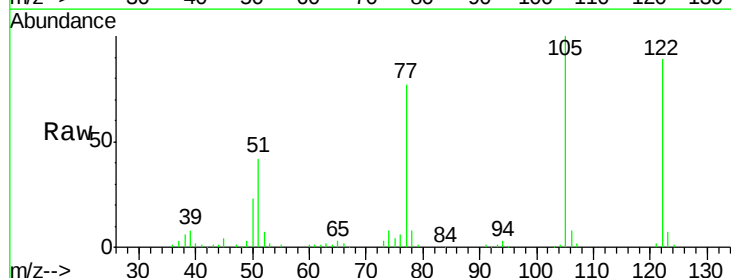
Tgt Ion:122 Resp: 285203

Ion Ratio Lower Upper

122 100

105 112.7 102.2 142.2

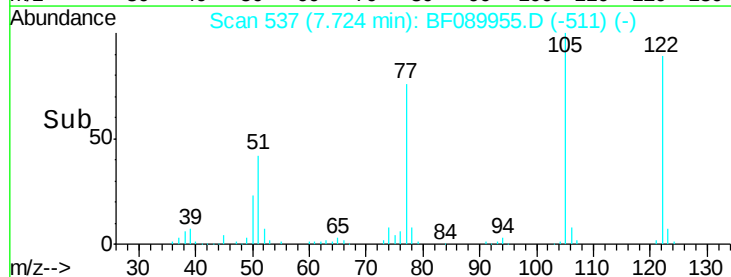
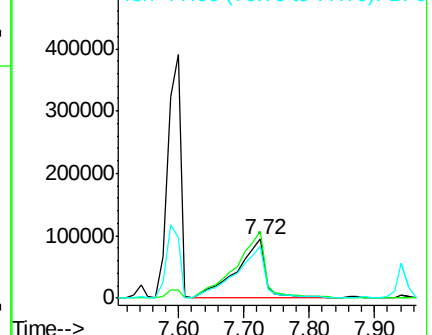
77 86.5 74.1 114.1

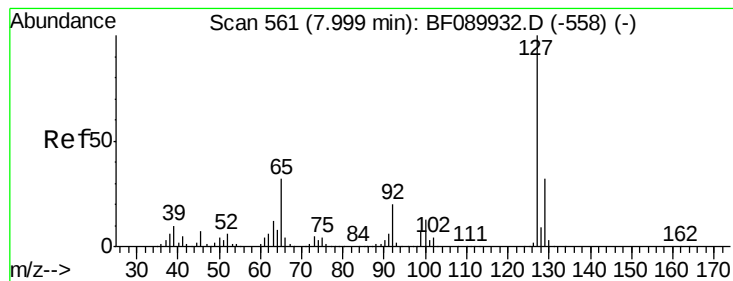


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 21.45 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion:127 Resp: 312082

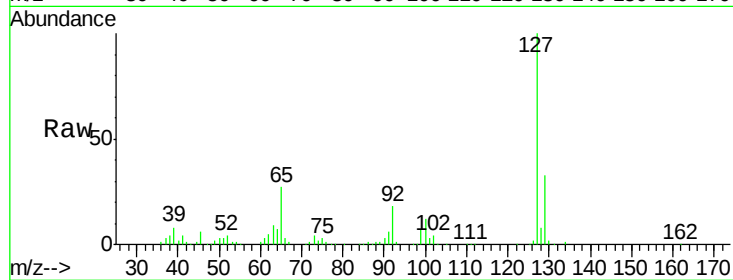
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 27.2 26.0 39.0

92 18.0 15.9 23.9

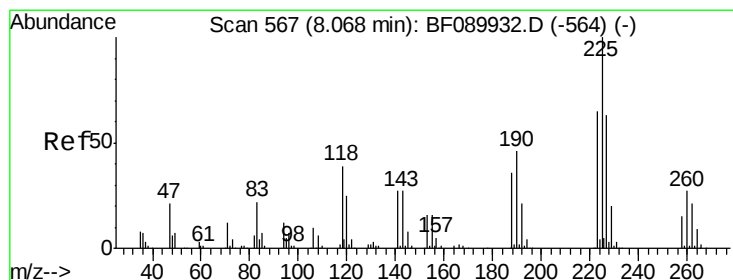
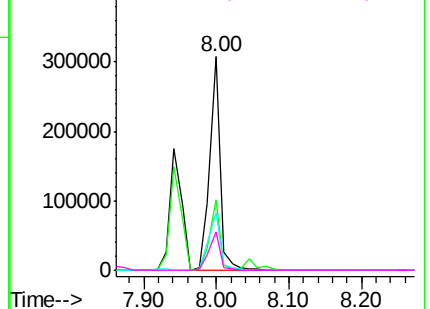
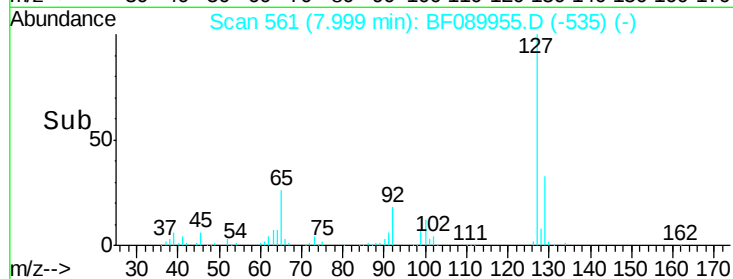


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.84 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

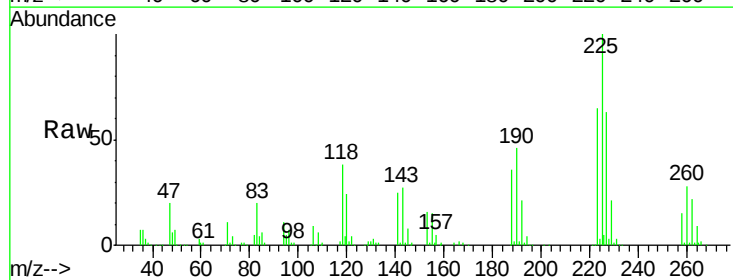
Tgt Ion:225 Resp: 288758

Ion Ratio Lower Upper

225 100

223 65.2 52.6 78.8

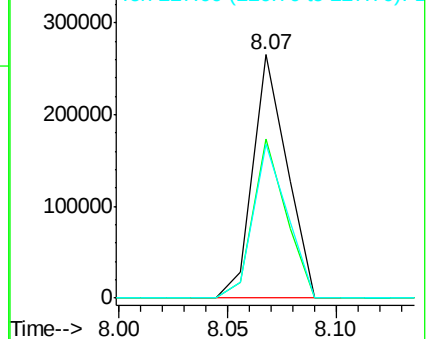
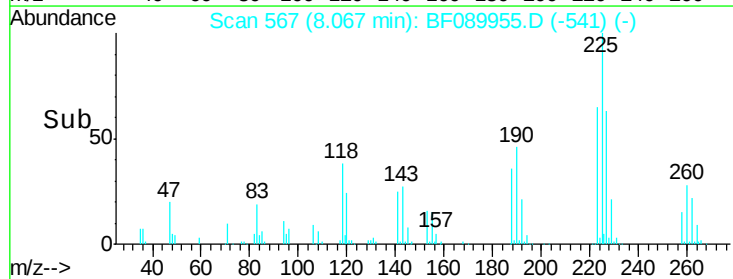
227 63.5 50.8 76.2

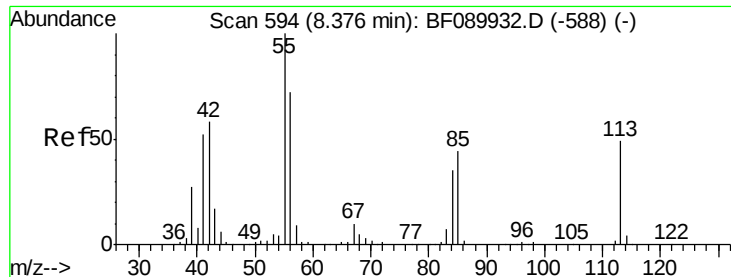


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

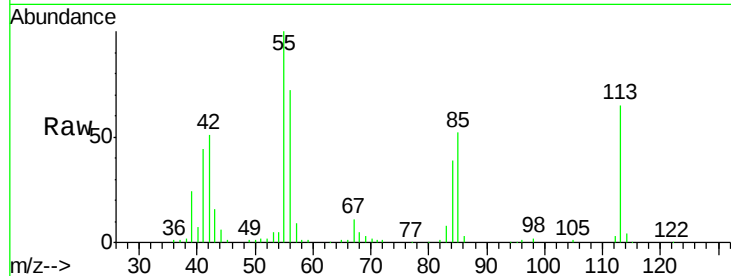




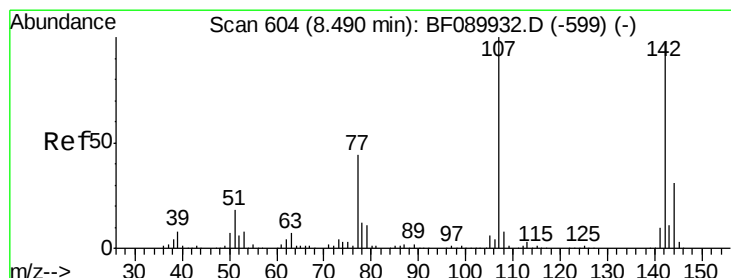
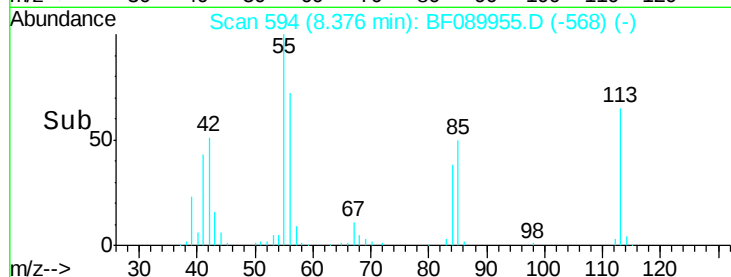
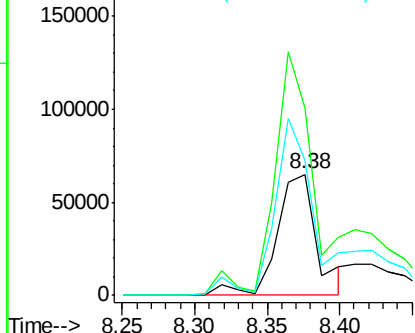
#35
Caprolactam
Concen: 37.26 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:113 Resp: 123744
Ion Ratio Lower Upper
113 100
55 154.4 178.5 218.5#
56 111.1 122.7 162.7#

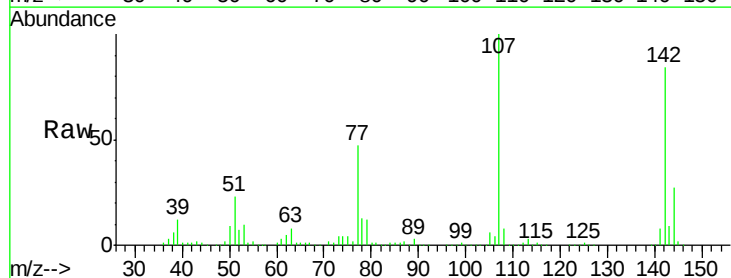


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

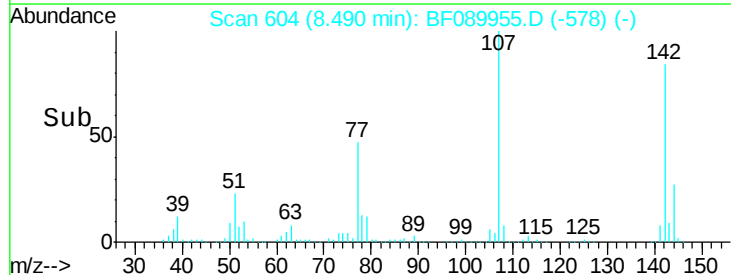
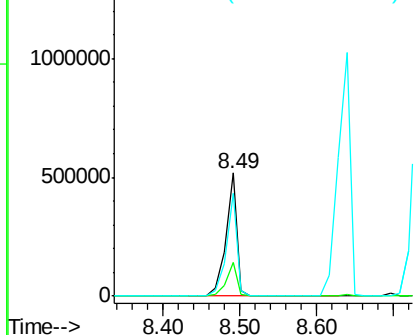


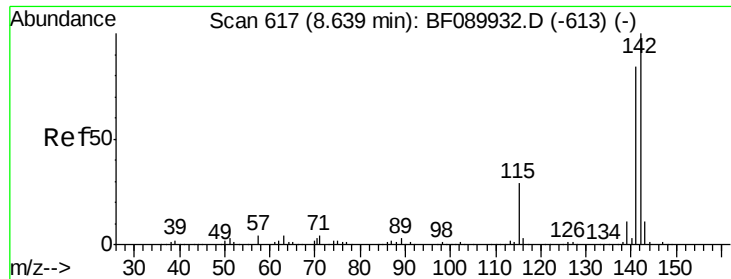
#36
4-Chloro-3-methylphenol
Concen: 47.08 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:107 Resp: 524566
Ion Ratio Lower Upper
107 100
144 27.1 25.8 38.8
142 83.9 79.2 118.8



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

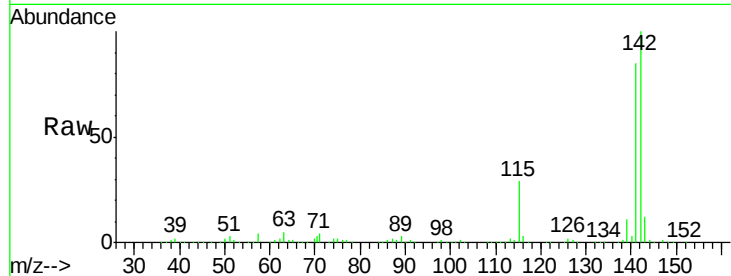




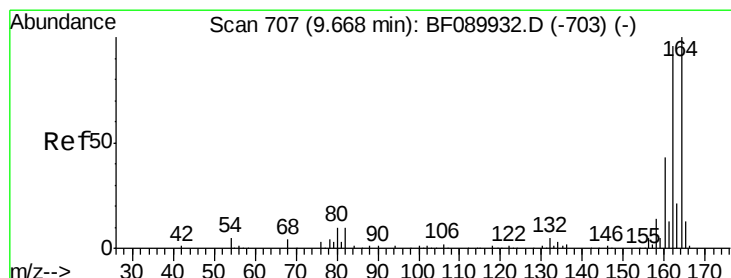
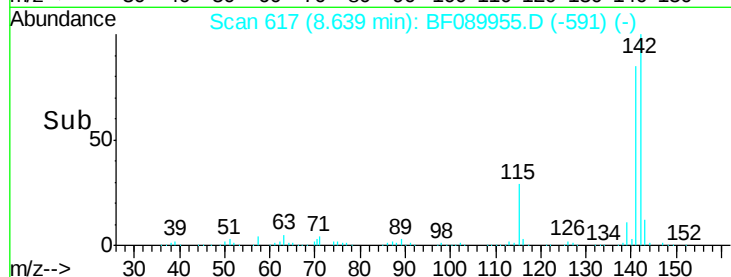
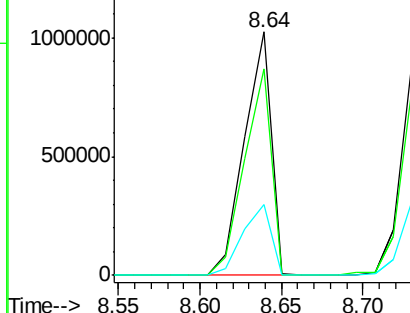
#37
 2-Methylnaphthalene
 Concen: 49.04 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion:142 Resp: 1168758
 Ion Ratio Lower Upper
 142 100
 141 85.1 68.3 102.5
 115 29.1 23.8 35.8

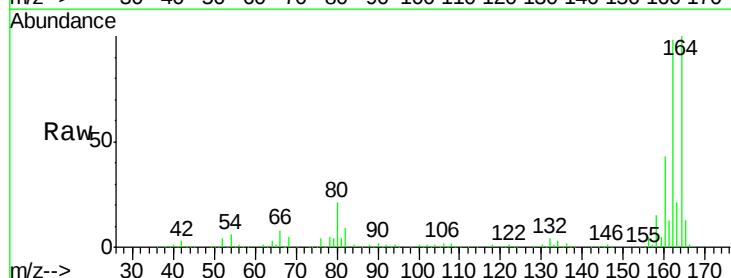


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

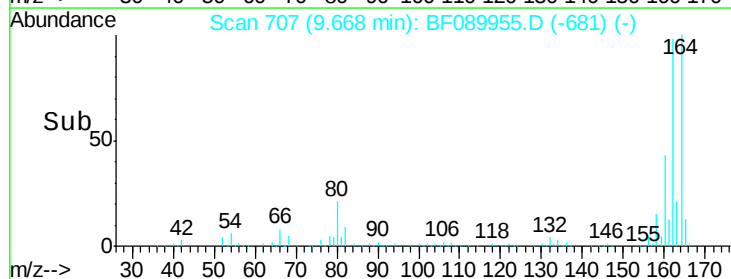
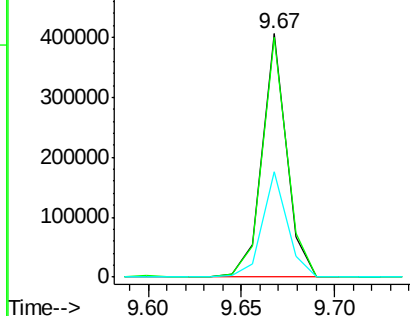


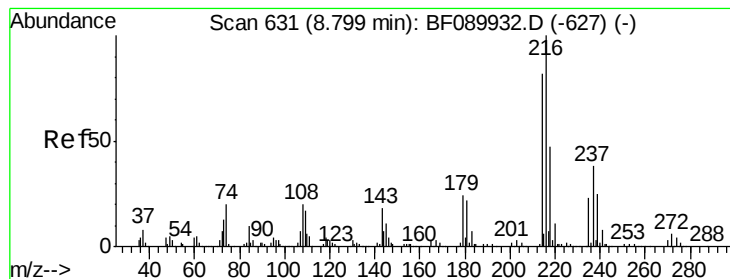
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:164 Resp: 364090
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.1 115.7
 160 43.3 35.3 52.9



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: 37.03 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion:216 Resp: 395008

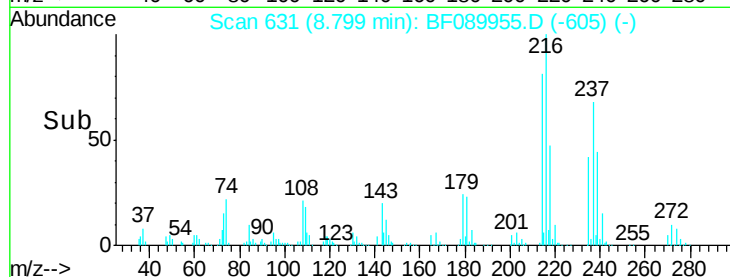
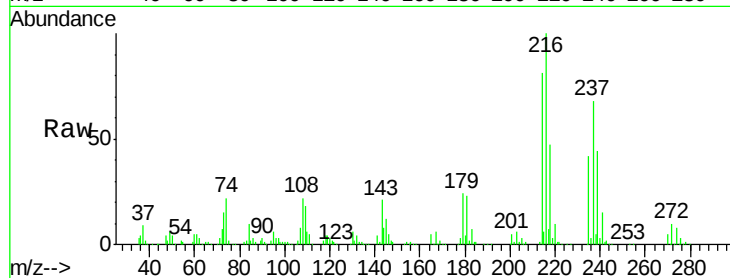
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 21.1 17.3 25.9

108 19.9 15.5 23.3

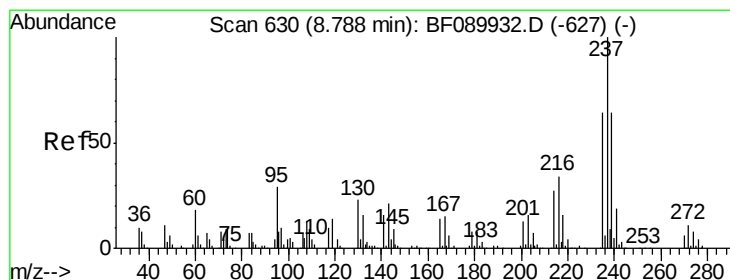
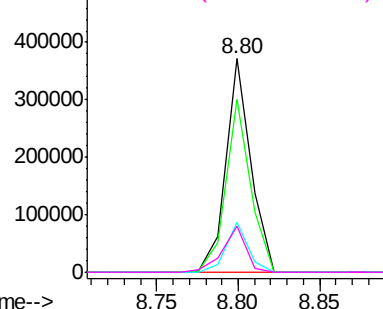


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.32 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

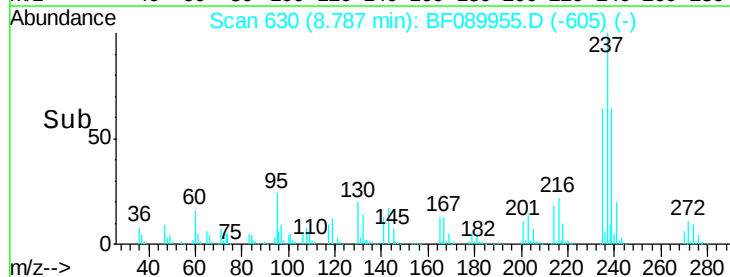
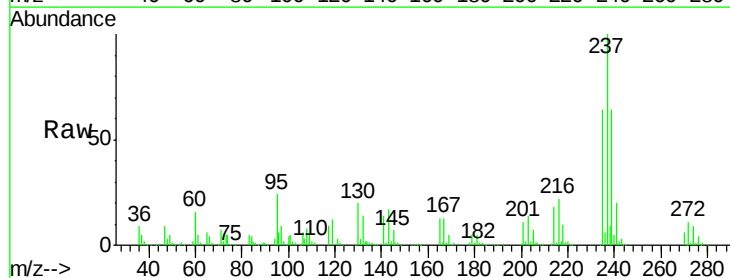
Tgt Ion:237 Resp: 400995

Ion Ratio Lower Upper

237 100

235 64.2 39.6 79.6

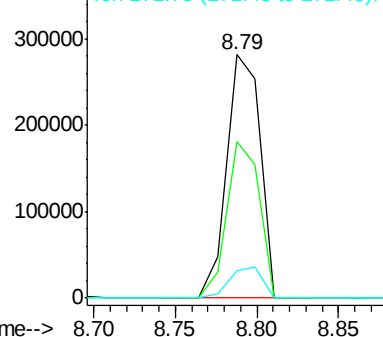
272 11.4 0.0 34.6



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

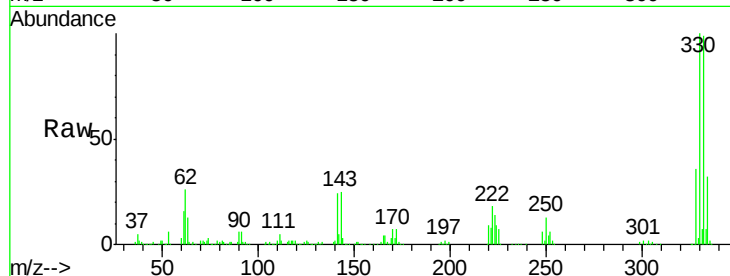




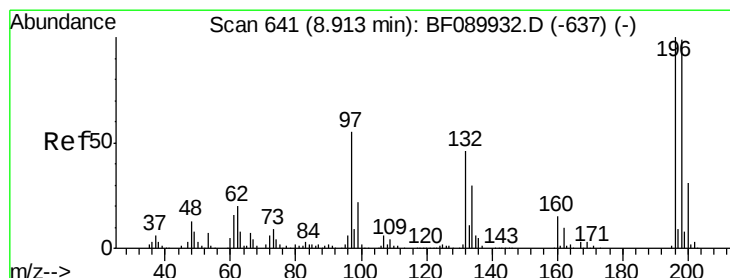
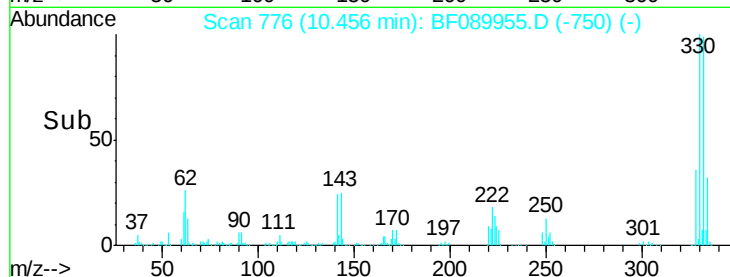
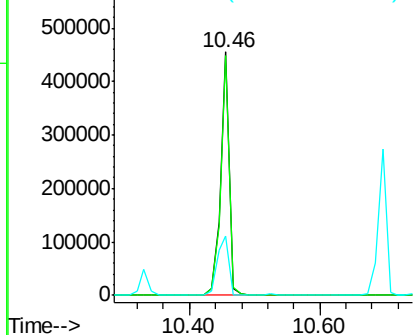
#41
 2,4,6-Tribromophenol
 Concen: 120.15 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.6	117.8
141	33.2	23.3	34.9

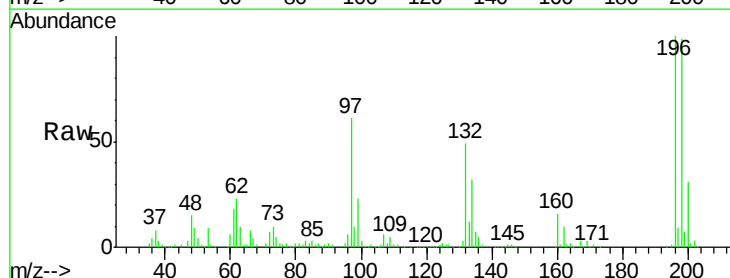


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

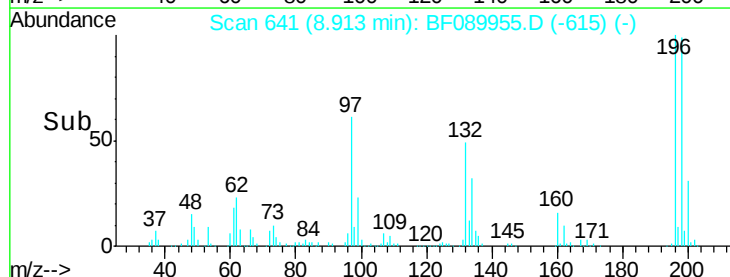
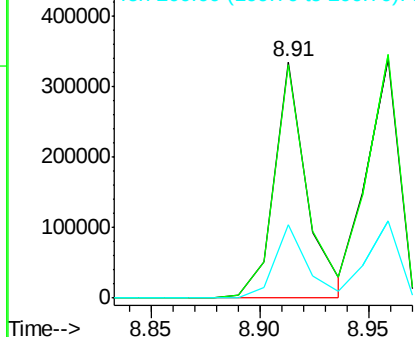


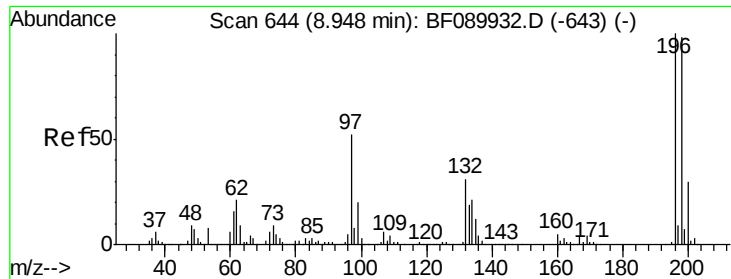
#42
 2,4,6-Trichlorophenol
 Concen: 47.61 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.3	117.5
200	31.0	24.8	37.2



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

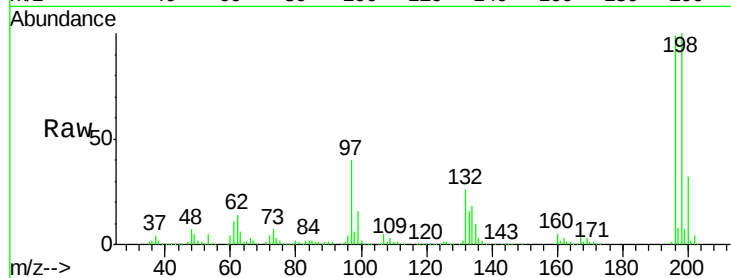




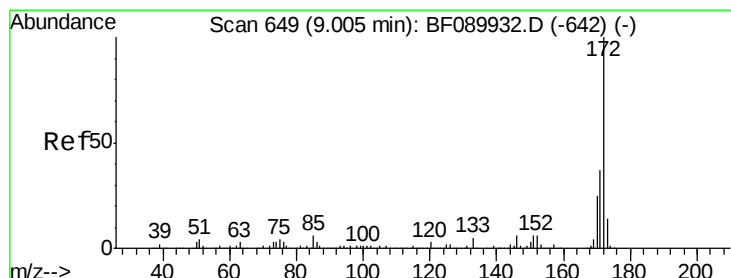
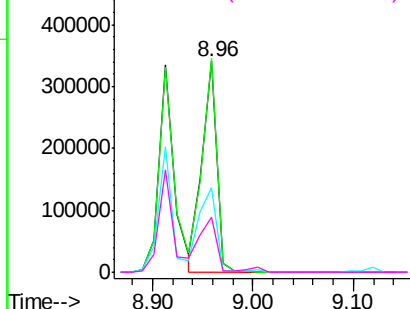
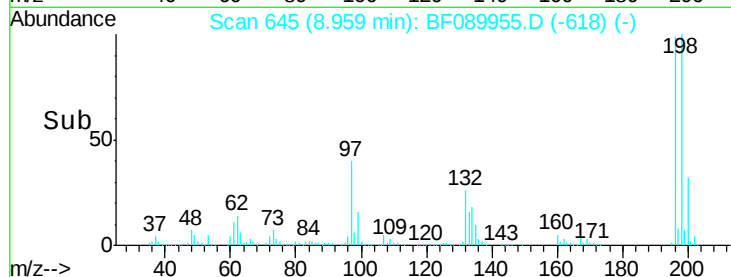
#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion:196 Resp: 349870
 Ion Ratio Lower Upper
 196 100
 198 101.4 80.8 121.2
 97 40.3 44.2 66.4#
 132 26.2 25.8 38.6

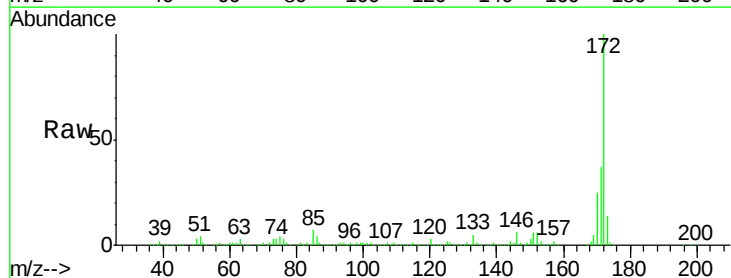


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

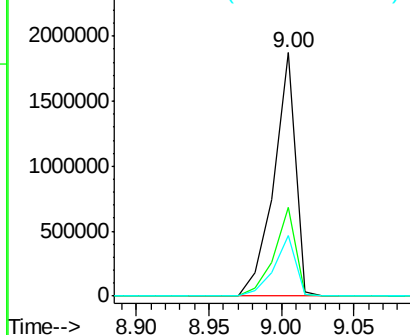
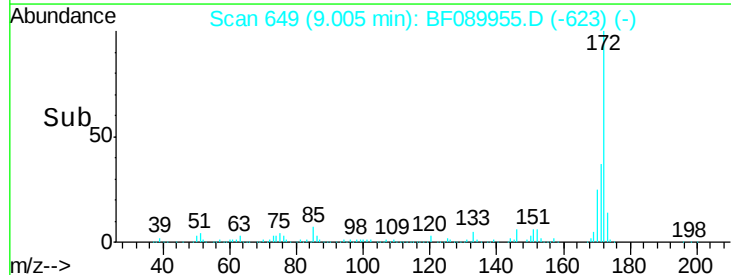


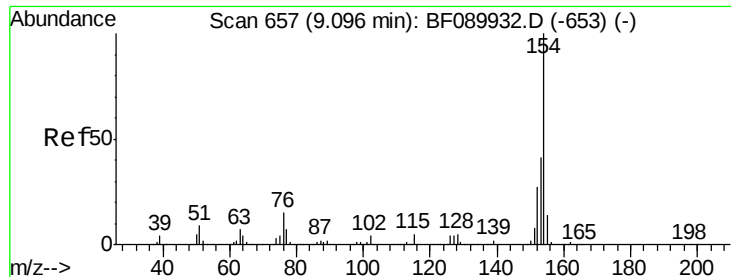
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:172 Resp: 1945203
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.0 20.1 30.1



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: 36.78 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

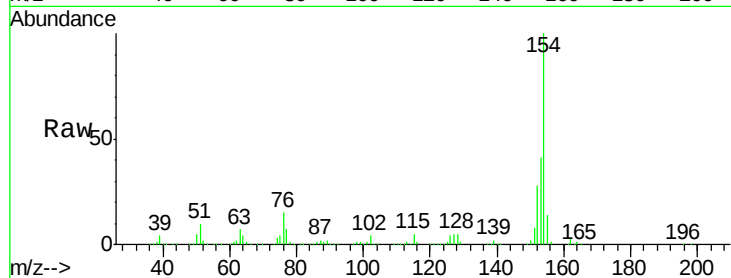
BNA_F

ClientSampleId :

PB93146BS

Tot Ion:154 Resp: 1078229

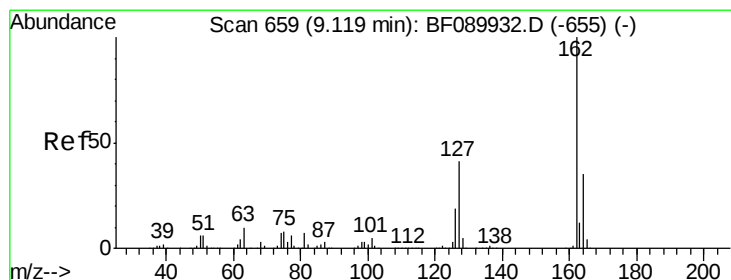
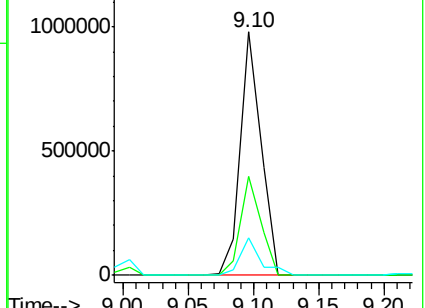
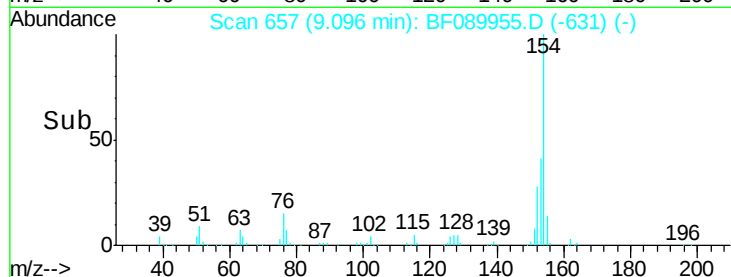
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	15.2	0.0	34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.82 ng

RT: 9.12 min Scan# 659

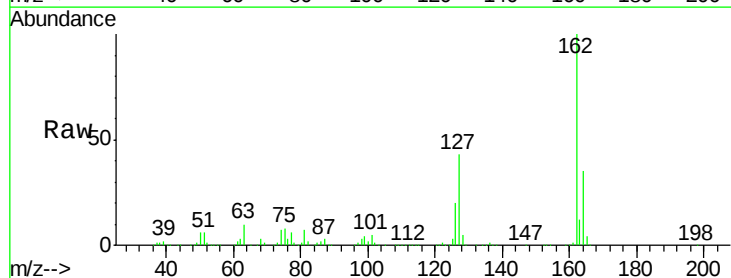
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:162 Resp: 929358

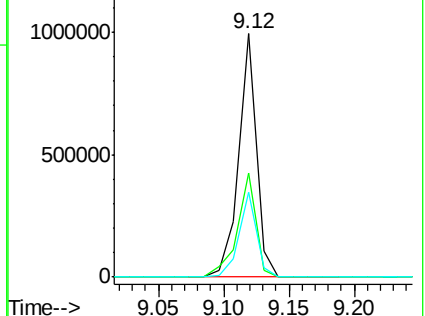
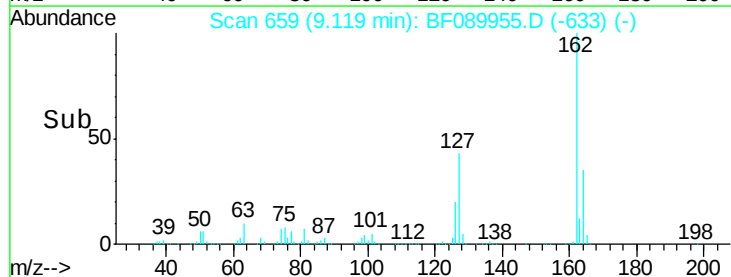
Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	34.8	28.2	42.4

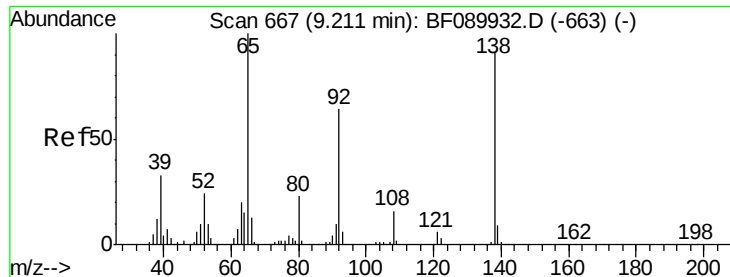


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

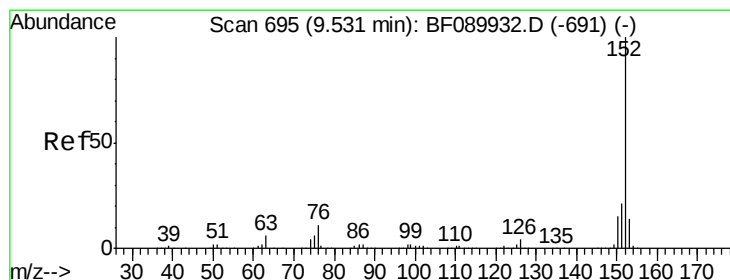
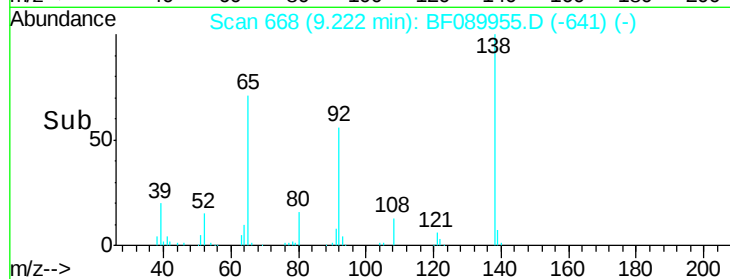
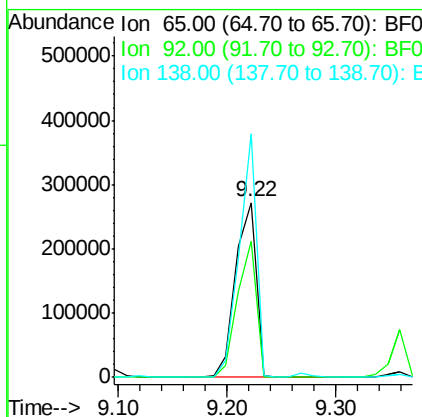
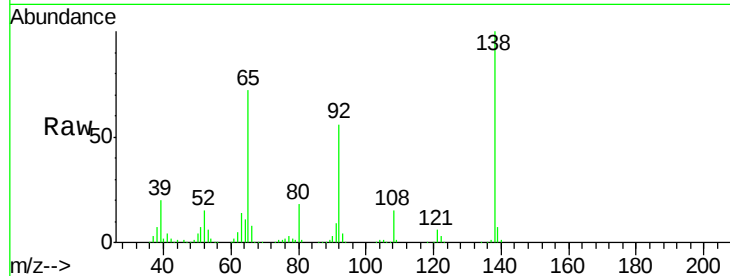




#47
 2-Nitroaniline
 Concen: 52.15 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

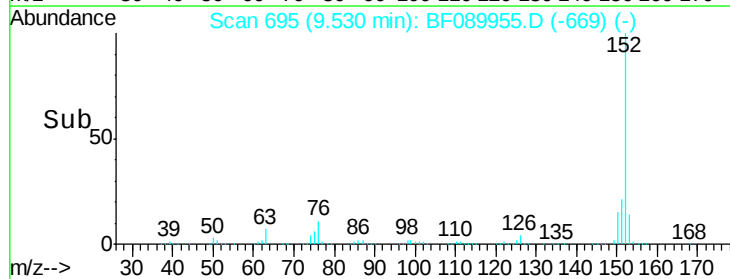
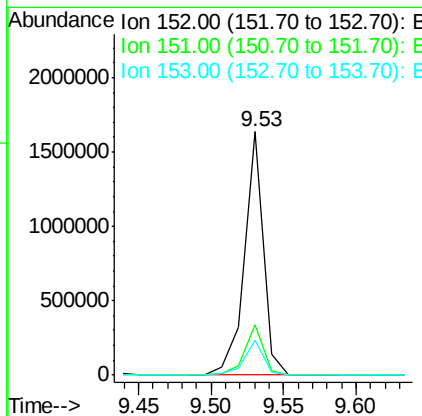
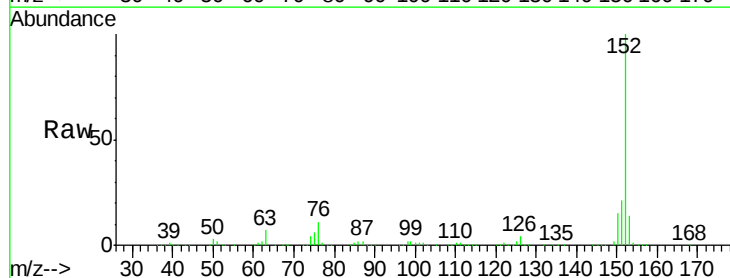
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

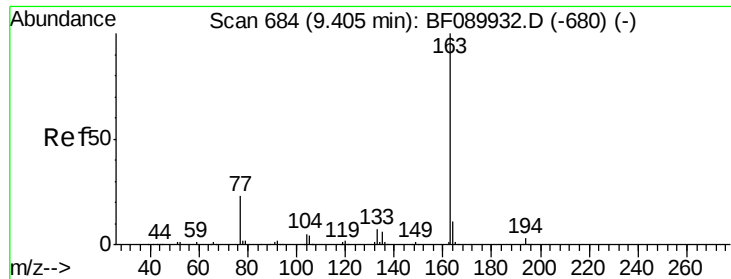
Tot Ion	Ratio	Lower	Upper
65	100		
92	77.6	52.0	78.0
138	139.2	72.1	108.1#



#48
 Acenaphthylene
 Concen: 43.19 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	14.5	11.6	17.4

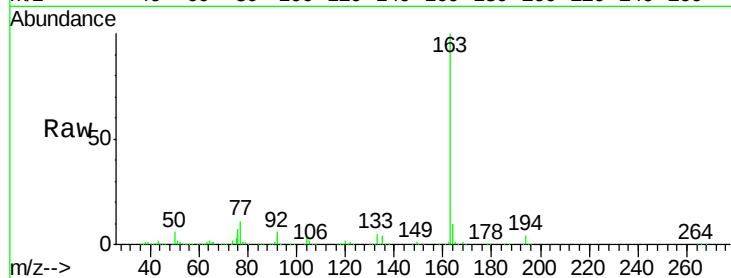




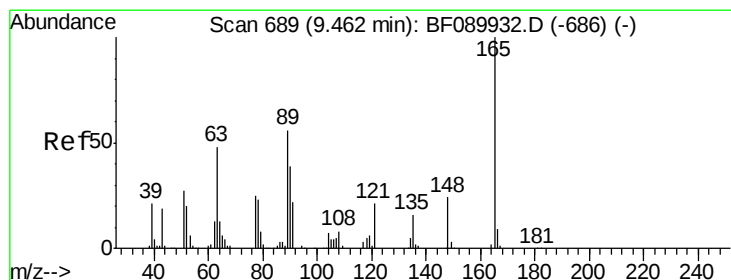
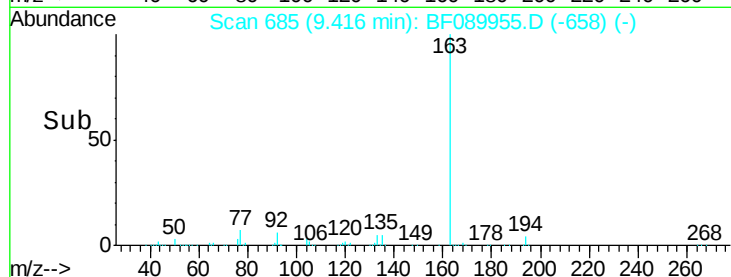
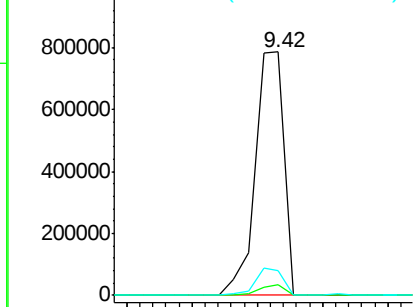
#49
Dimethylphthalate
Concen: 45.94 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampled :
PB93146BS

Tot Ion:163 Resp: 1208858
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 9.0 13.4

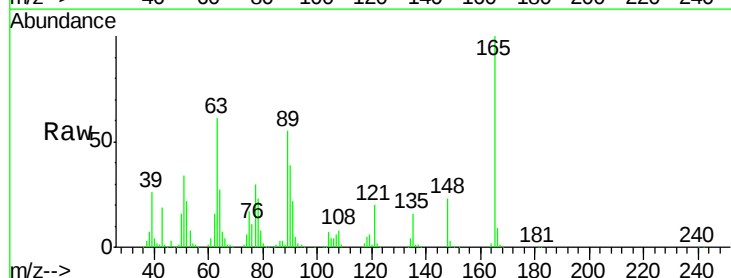


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

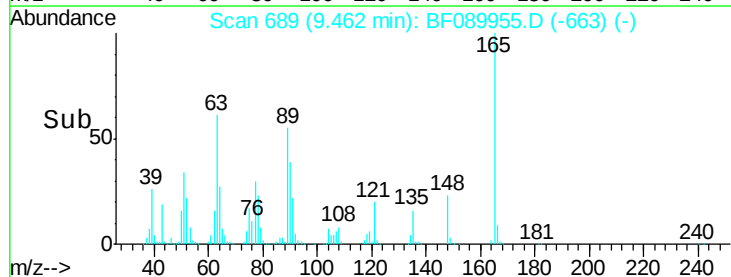
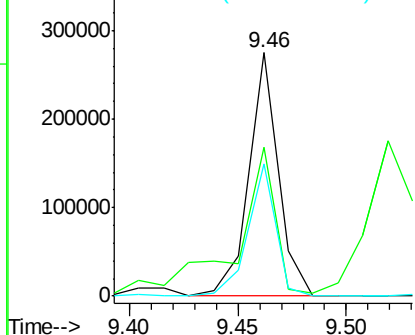


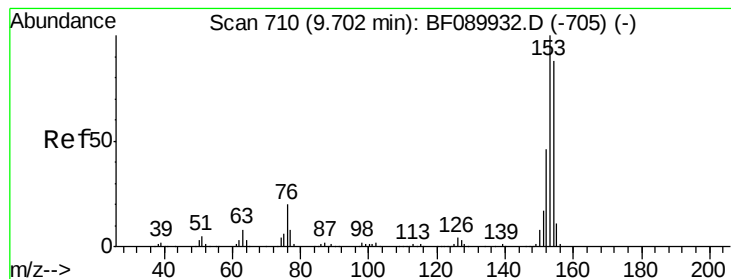
#50
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:165 Resp: 259932
Ion Ratio Lower Upper
165 100
63 61.0 45.0 67.4
89 54.6 41.5 62.3



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: 46.87 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

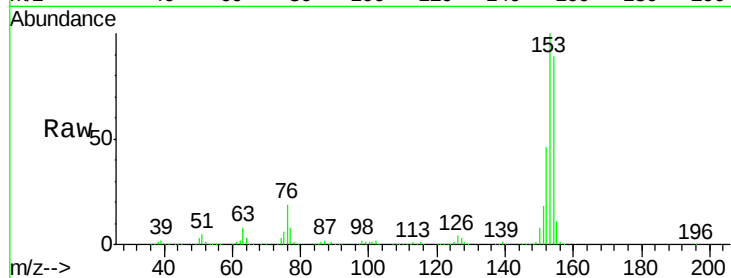
Tot Ion:154 Resp: 1018218

Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

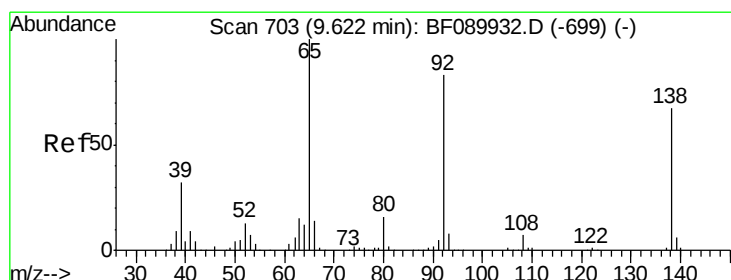
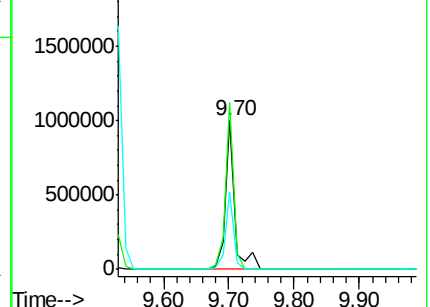
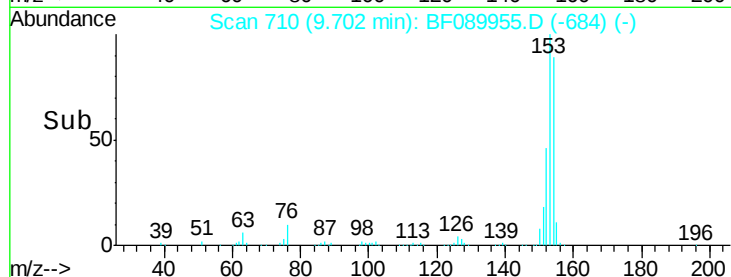
152 52.2 42.4 63.6



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: 26.63 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

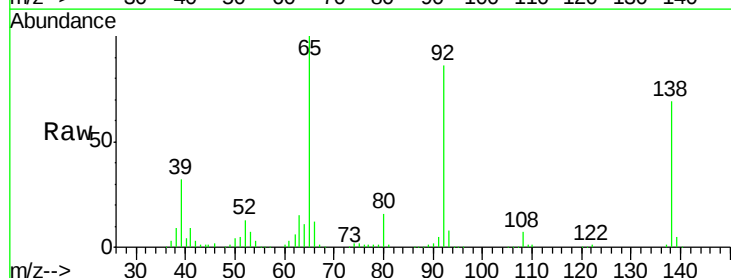
Tgt Ion:138 Resp: 177787

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

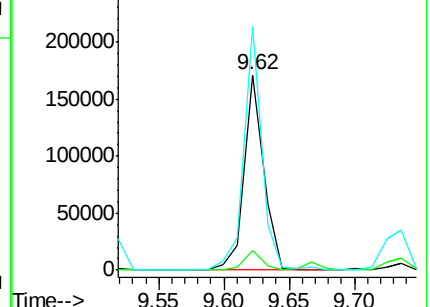
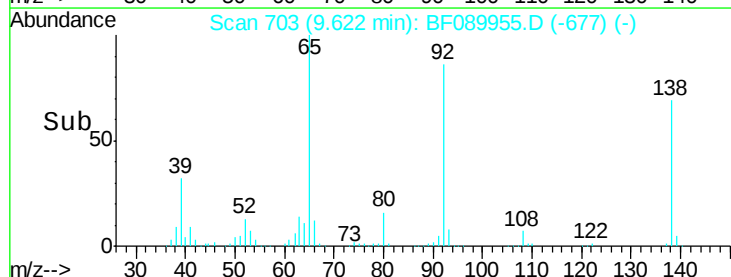
92 124.7 99.1 148.7

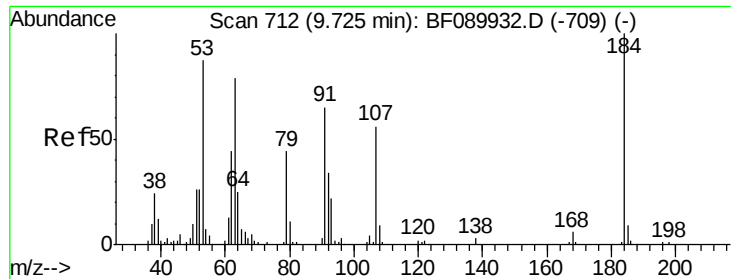


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

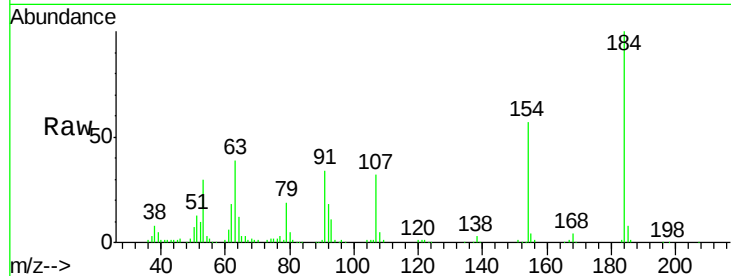




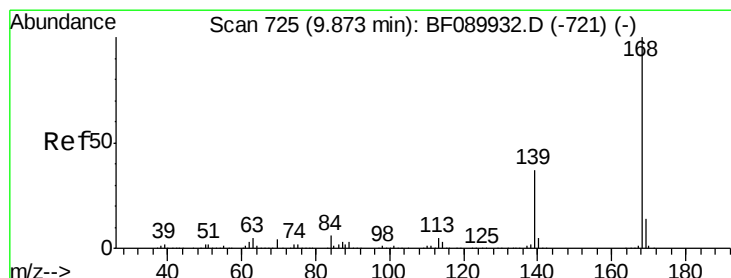
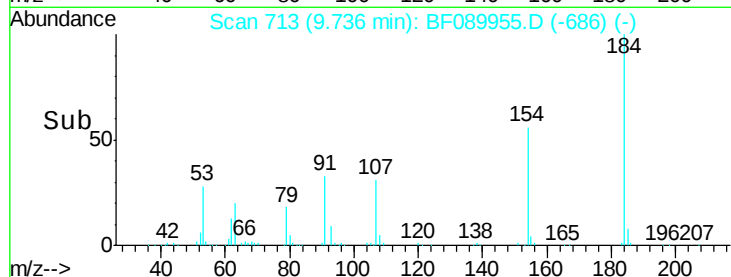
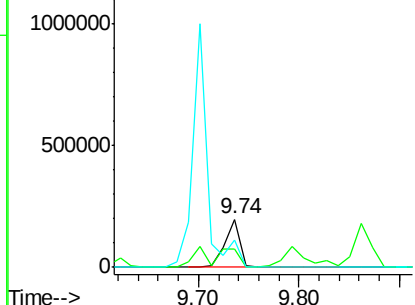
#53
2,4-Dinitrophenol
Concen: 58.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:184 Resp: 202722
Ion Ratio Lower Upper
184 100
63 39.3 73.9 110.9#
154 56.7 53.5 80.3

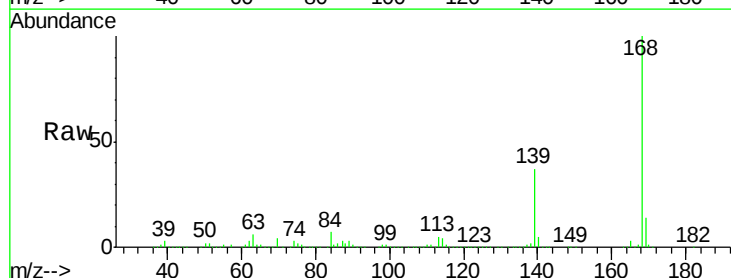


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

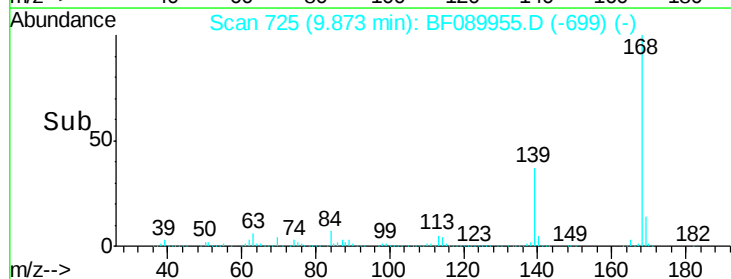
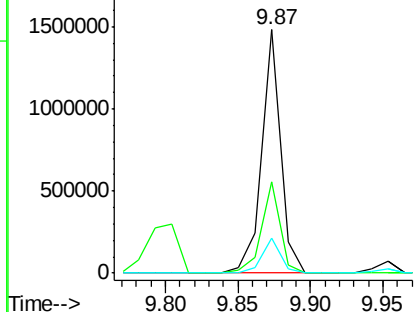


#54
Dibenzofuran
Concen: 46.14 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:168 Resp: 1343149
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 14.2 10.8 16.2



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

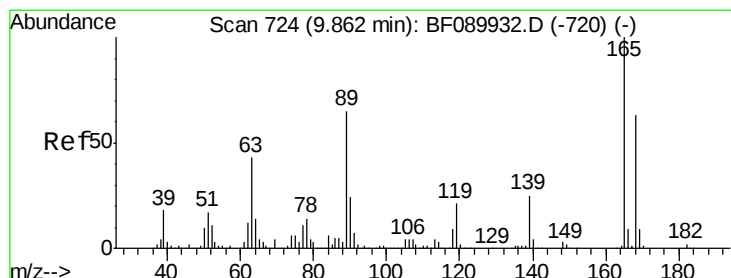
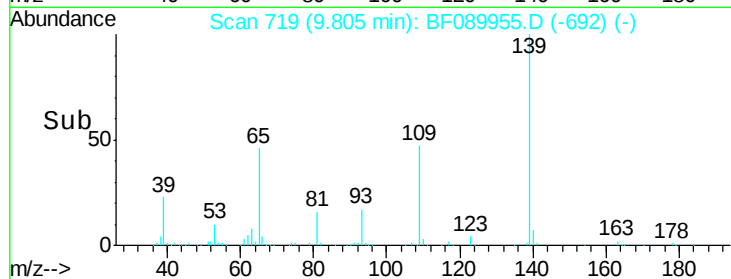
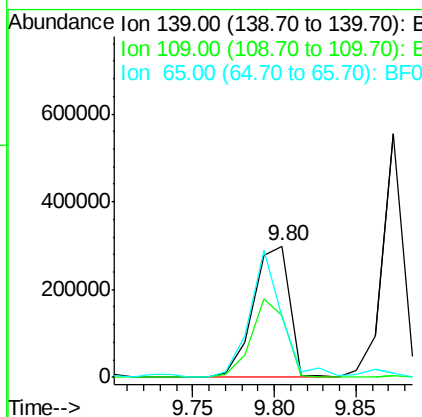
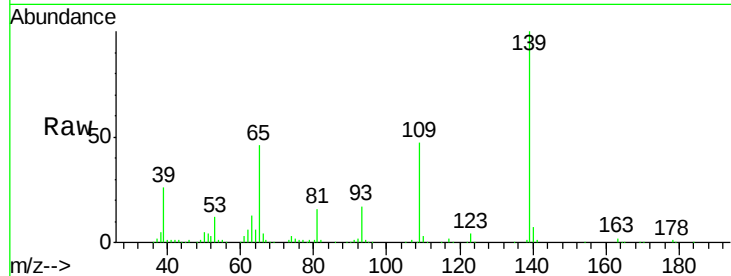




#55
4-Nitrophenol
Concen: 92.39 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

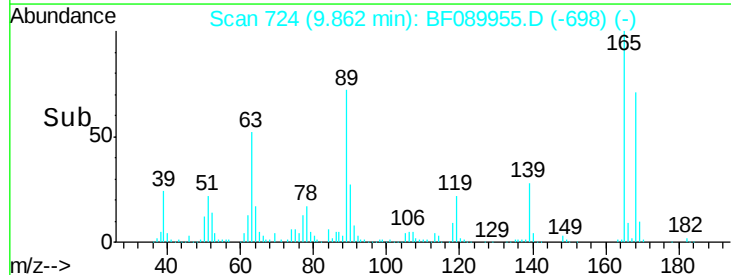
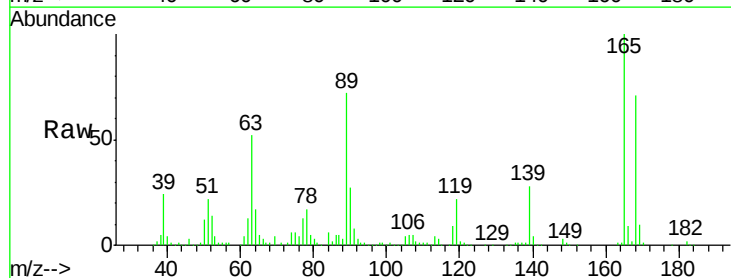
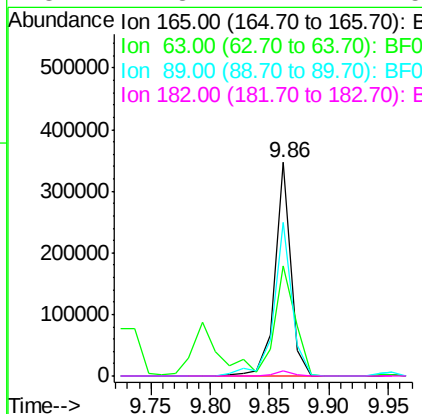
Instrument :
BNA_F
ClientSampleId :
PB93146BS

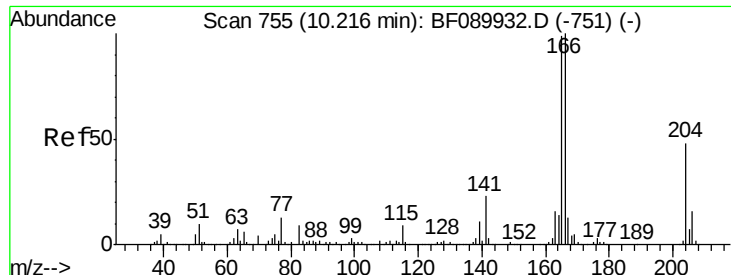
Tot Ion	Ratio	Lower	Upper
139	100		
109	47.0	31.3	71.3
65	46.5	38.5	78.5



#56
2,4-Dinitrotoluene
Concen: 43.31 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	32.5	48.7#
89	71.8	48.3	72.5
182	2.3	1.7	2.5

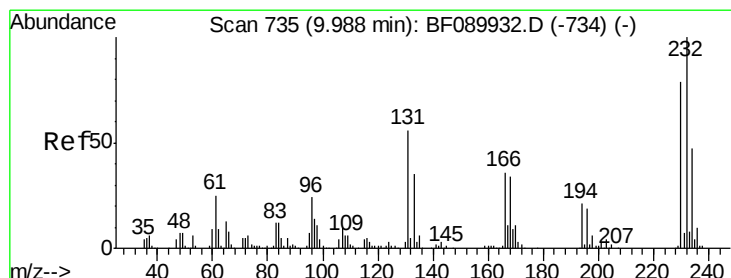
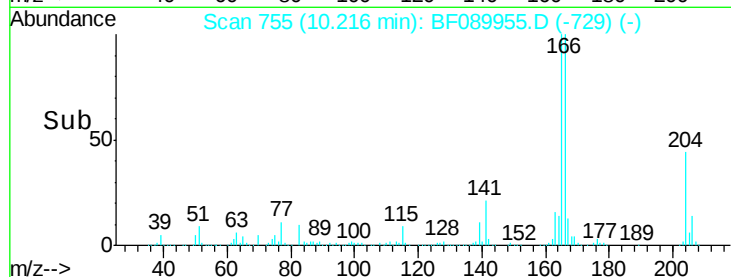
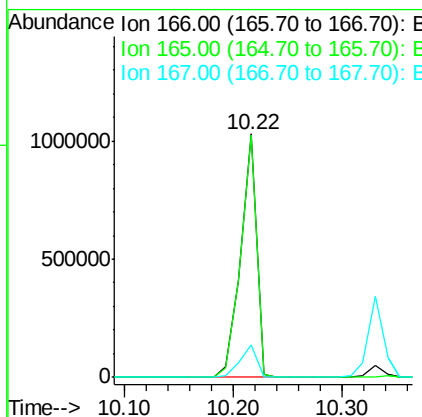
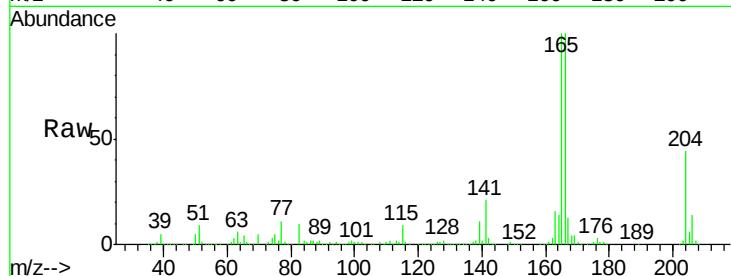




#57
Fluorene
 Concen: 48.44 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

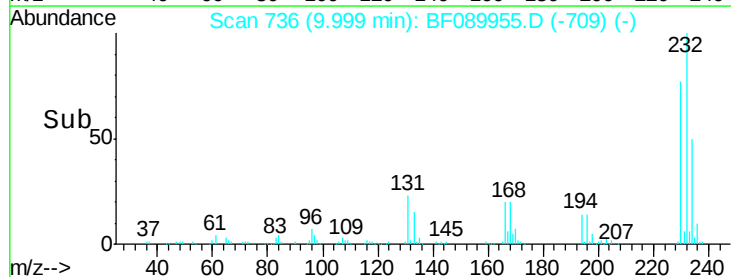
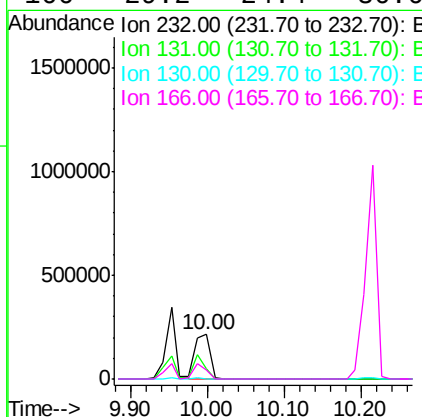
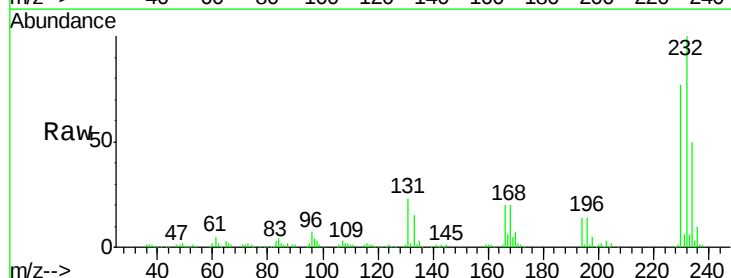
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

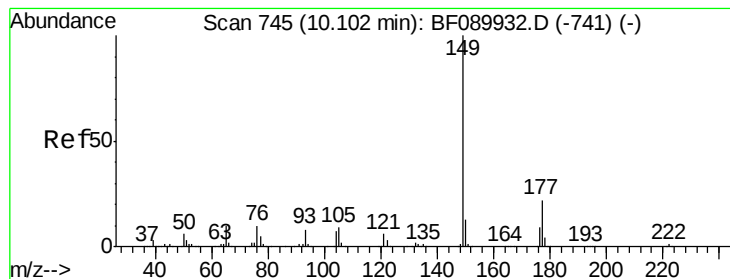
Tot Ion:166 Resp: 1030394
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 118.0
 167 13.4 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.37 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:232 Resp: 294365
 Ion Ratio Lower Upper
 232 100
 131 42.1 36.3 54.5
 130 1.9 1.7 2.5
 166 29.2 24.4 36.6





#59

Diethylphthalate

Concen: 46.79 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleID :

PB93146BS

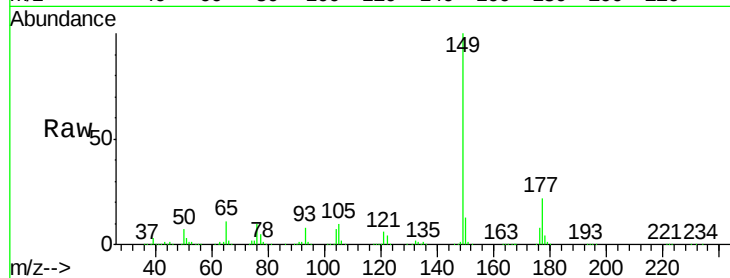
Tot Ion:149 Resp: 1158370

Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

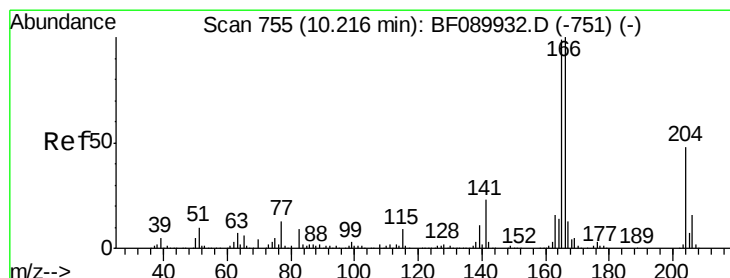
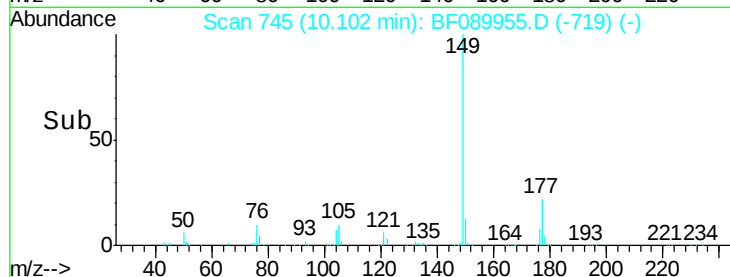
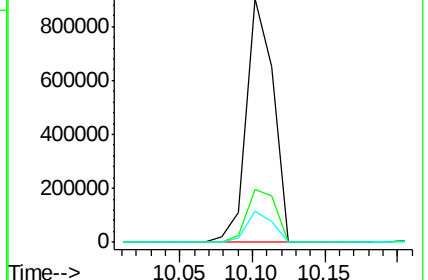
150 12.9 10.2 15.2



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: 47.48 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

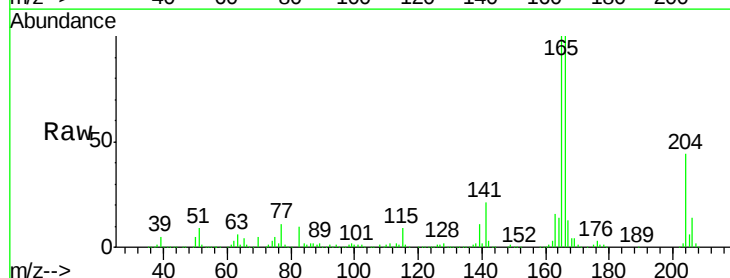
Tgt Ion:204 Resp: 475306

Ion Ratio Lower Upper

204 100

206 32.5 26.6 40.0

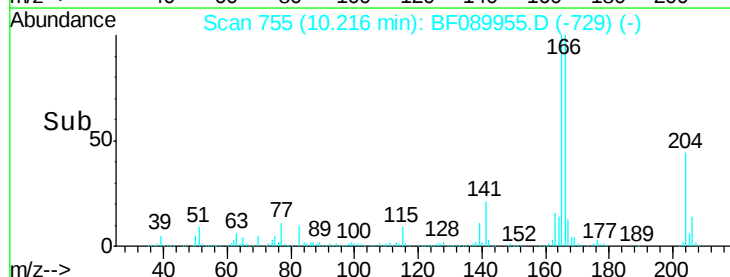
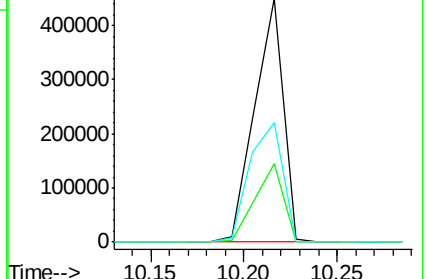
141 48.9 36.5 54.7



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: 44.04 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

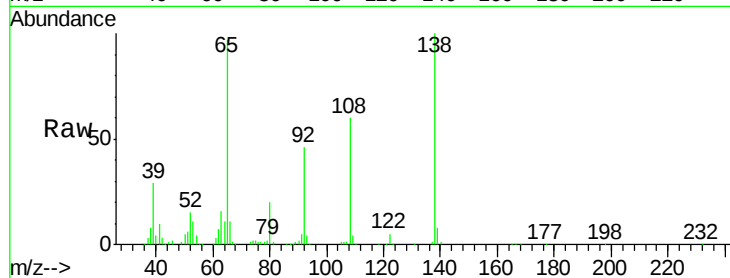
Tot Ion:138 Resp: 288842

Ion Ratio Lower Upper

138 100

92 45.8 21.2 61.2

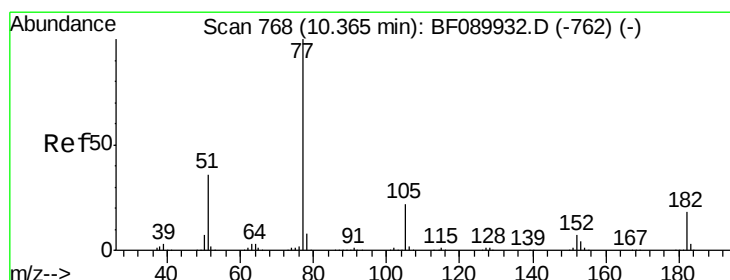
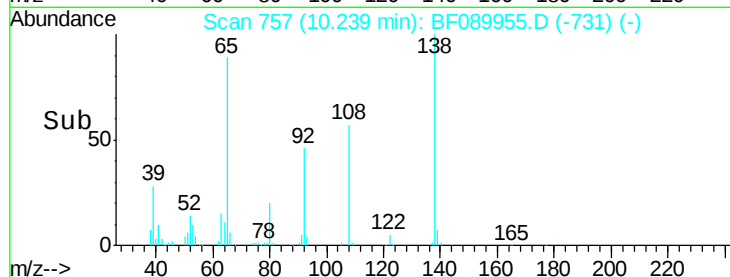
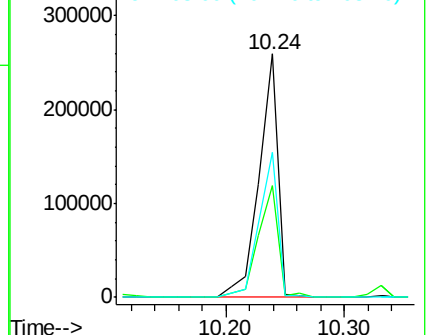
108 59.6 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.85 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion: 77 Resp: 1183204

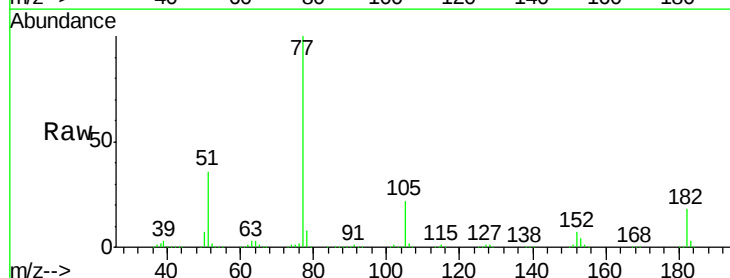
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.6

105 22.2 2.3 42.3

51 35.7 15.1 55.1

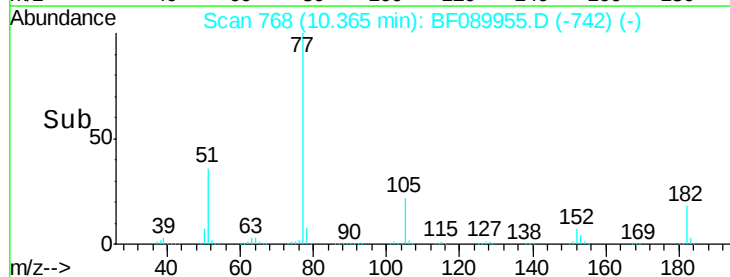
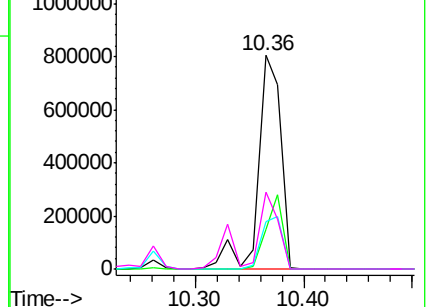


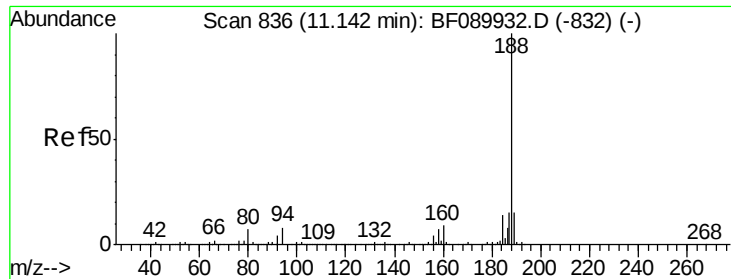
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

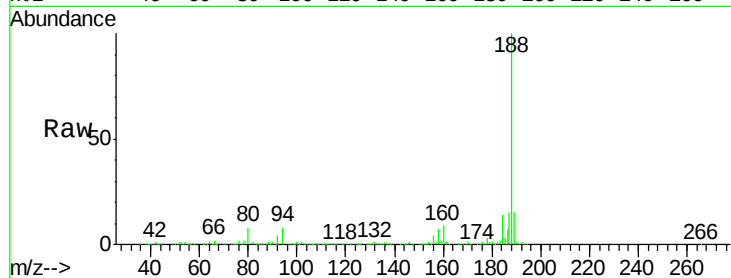




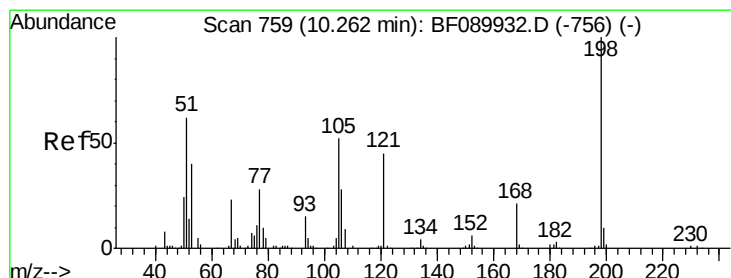
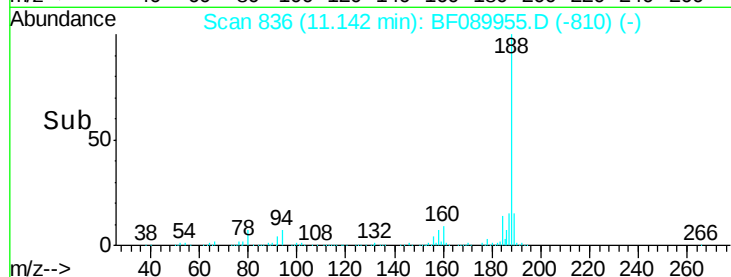
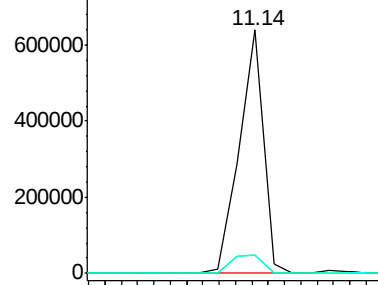
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:188 Resp: 661847
Ion Ratio Lower Upper
188 100
94 7.6 5.9 8.9
80 7.6 5.8 8.8

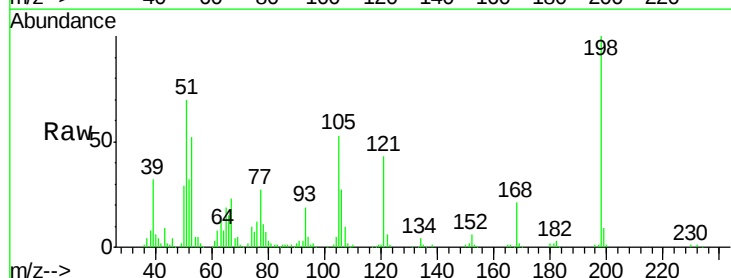


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

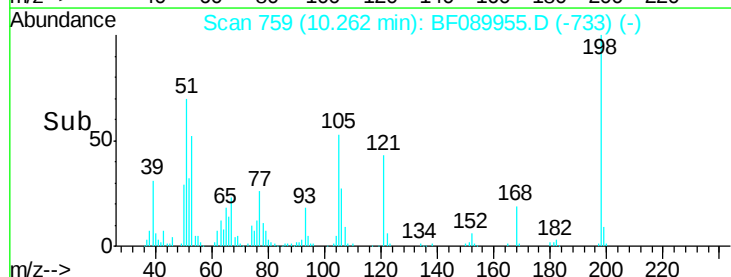
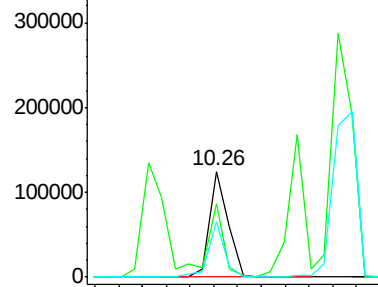


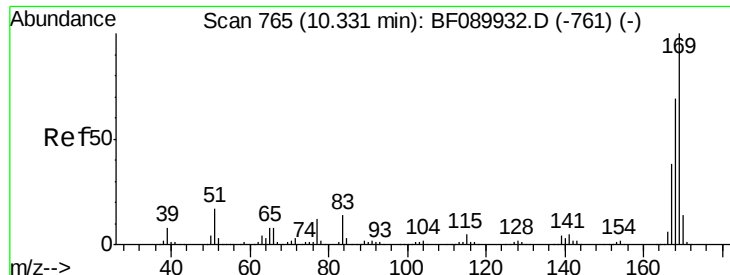
#64
4,6-Dinitro-2-methylphenol
Concen: 32.19 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:198 Resp: 136398
Ion Ratio Lower Upper
198 100
51 69.7 43.0 83.0
105 52.5 30.3 70.3



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

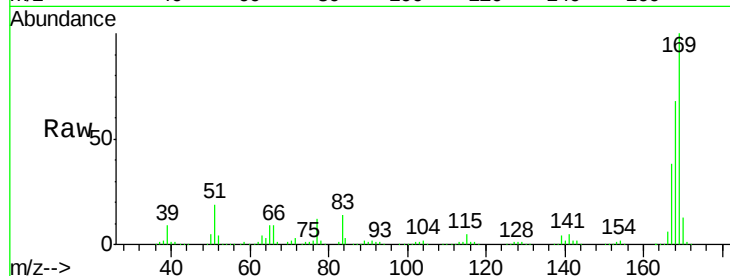




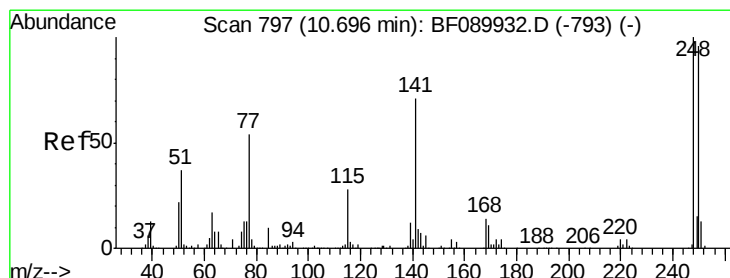
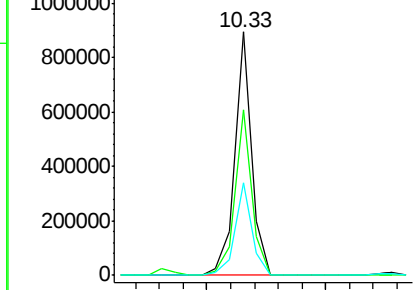
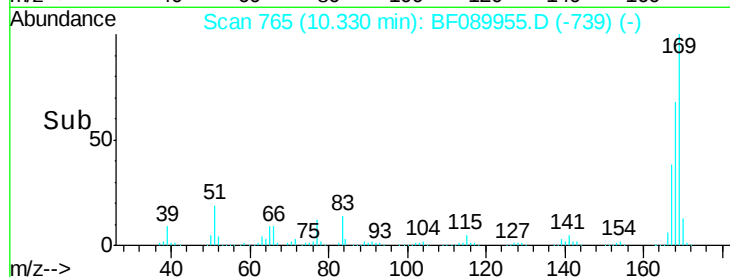
#65
n-Nitrosodiphenylamine
Concen: 44.29 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:169 Resp: 881210
Ion Ratio Lower Upper
169 100
168 67.9 55.0 82.4
167 38.0 30.5 45.7

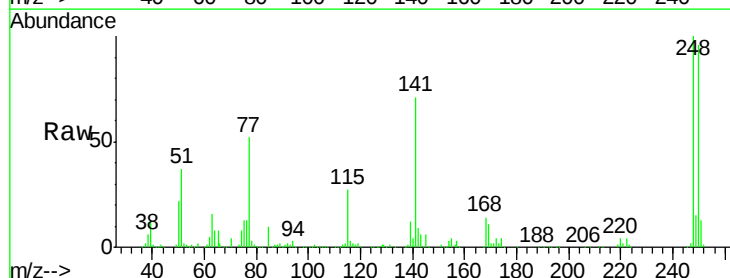


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

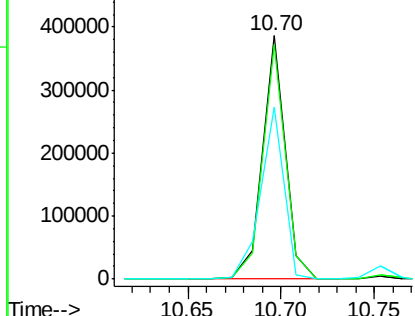
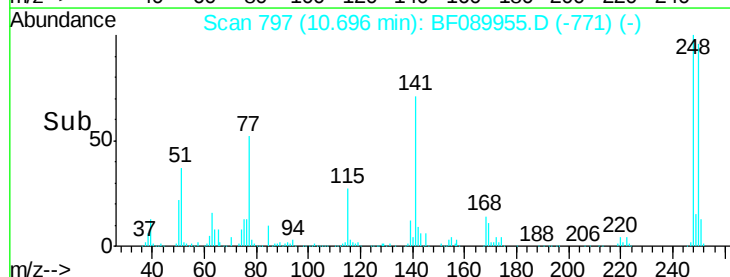


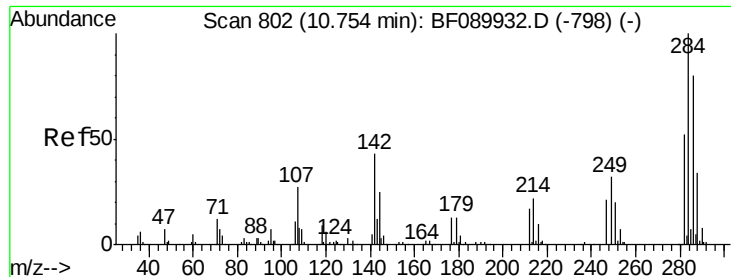
#66
4-Bromophenyl-phenylether
Concen: 48.62 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:248 Resp: 323969
Ion Ratio Lower Upper
248 100
250 96.5 77.3 115.9
141 70.8 55.8 83.8



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

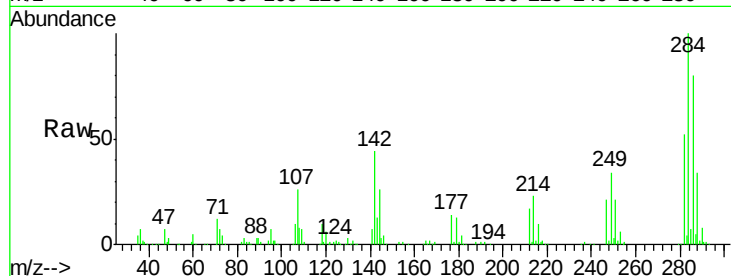




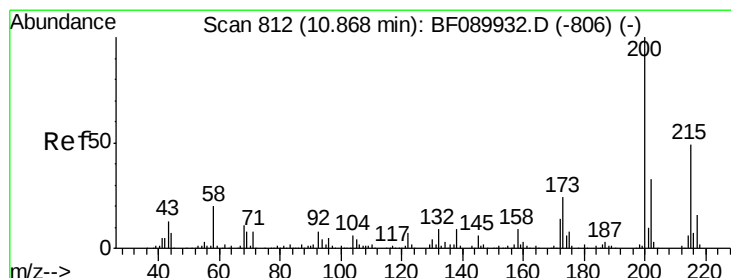
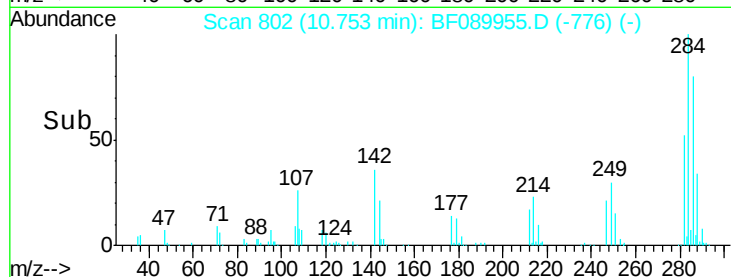
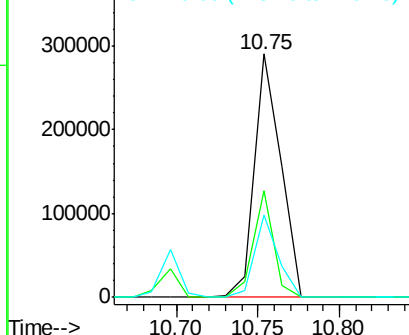
#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:284 Resp: 324544
Ion Ratio Lower Upper
284 100
142 43.6 32.7 49.1
249 33.9 26.9 40.3

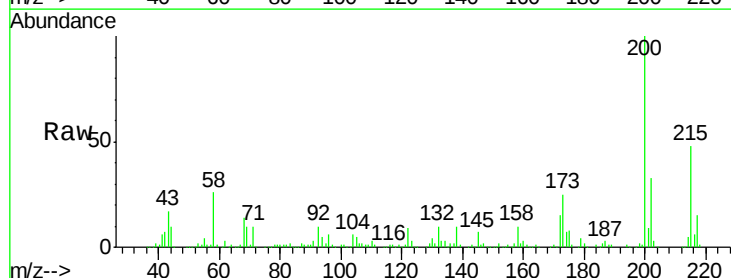


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

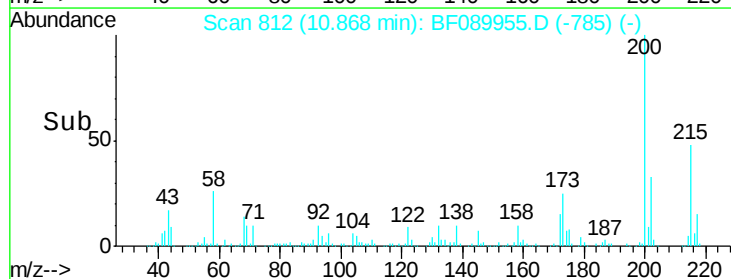
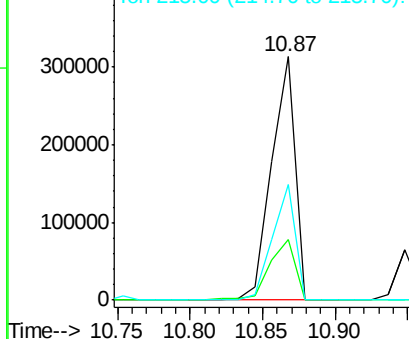


#68
Atrazine
Concen: 53.10 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:200 Resp: 352702
Ion Ratio Lower Upper
200 100
173 24.8 9.4 49.4
215 47.7 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 81.11 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

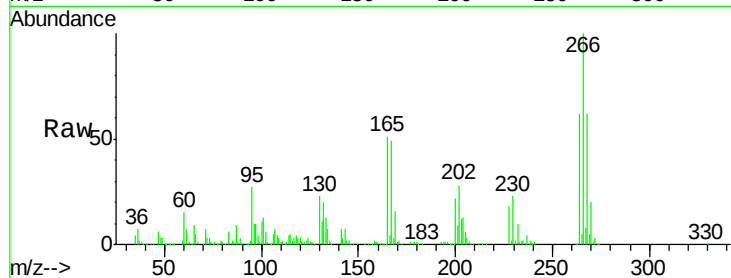
Tot Ion:266 Resp: 332124

Ion Ratio Lower Upper

266 100

268 62.4 51.0 76.6

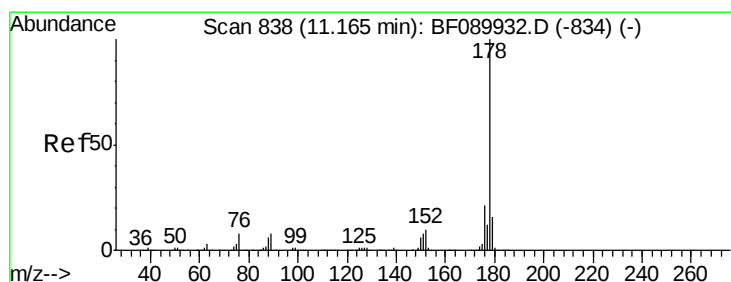
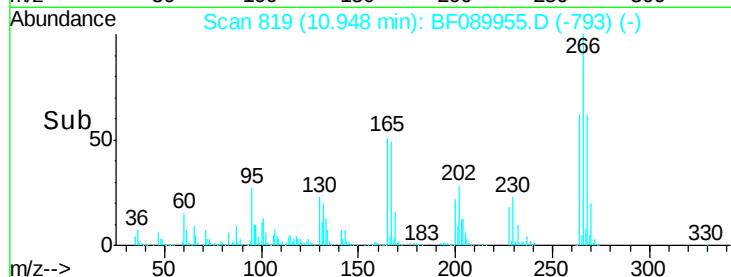
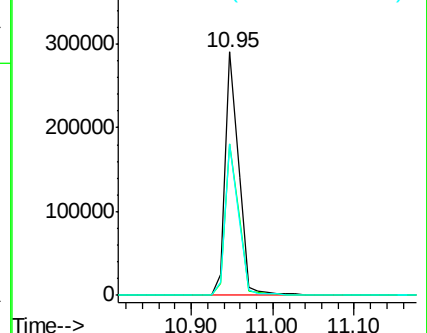
264 62.0 50.6 75.8



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: 45.68 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

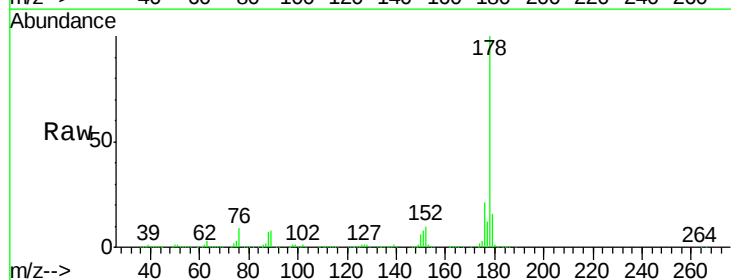
Tgt Ion:178 Resp: 1505568

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

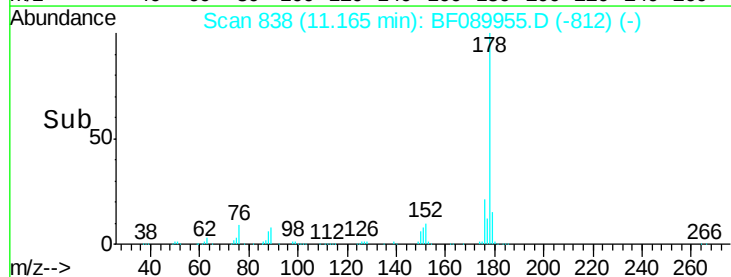
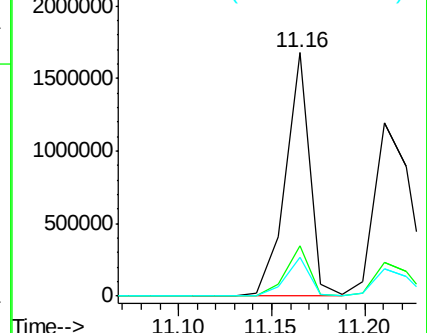
179 16.1 12.8 19.2

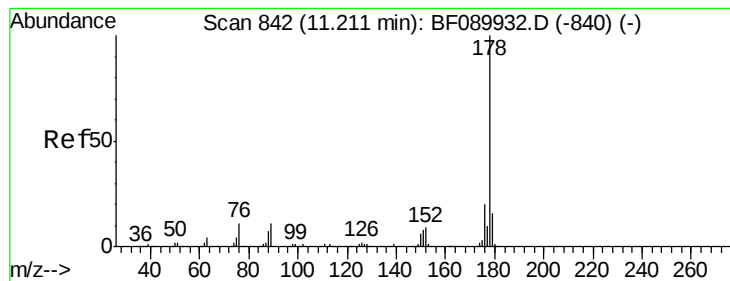


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.35 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

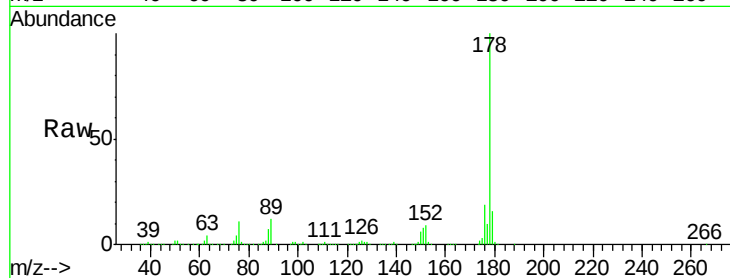
Tot Ion:178 Resp: 1516125

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

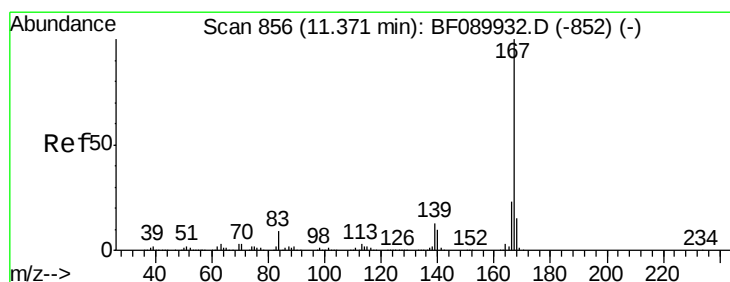
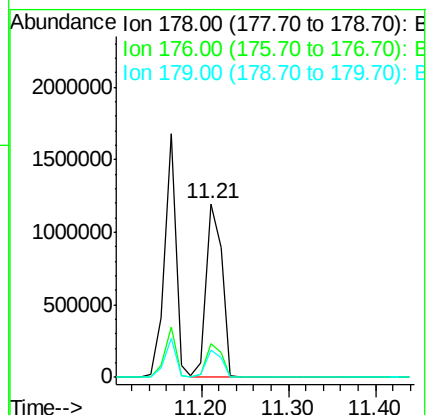
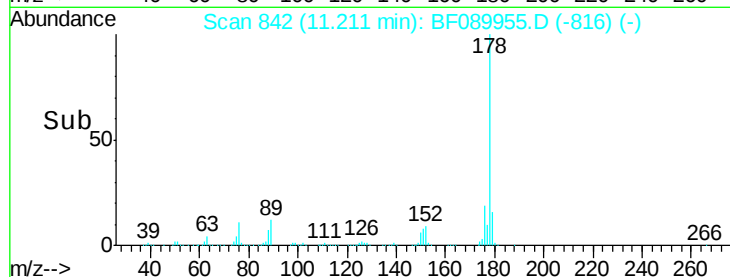
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.33 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

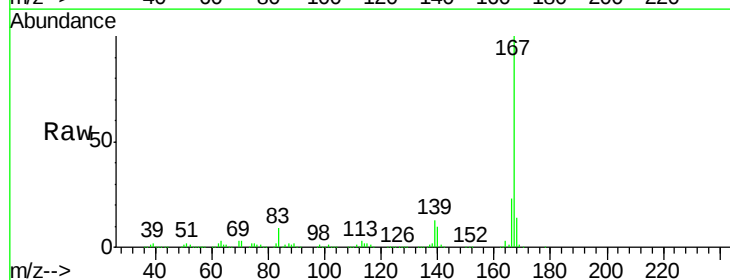
Tgt Ion:167 Resp: 1326736

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

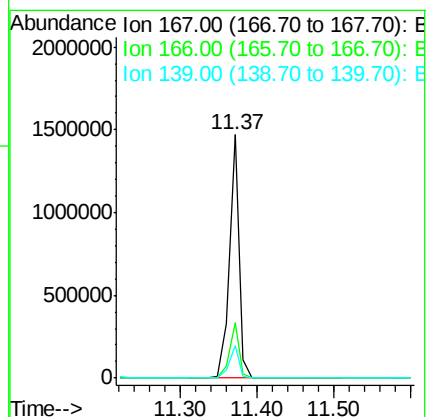
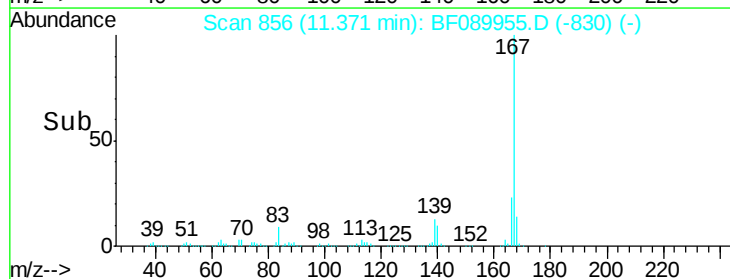
139 13.4 10.4 15.6

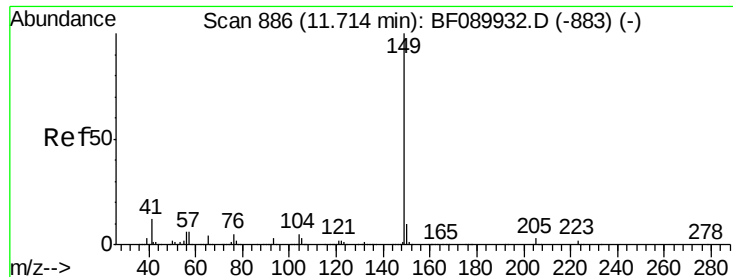


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.94 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

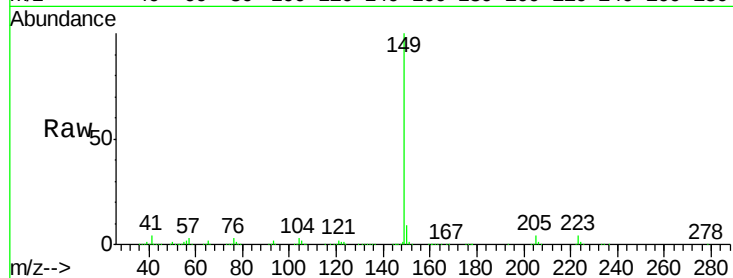
Tot Ion:149 Resp: 1787883

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

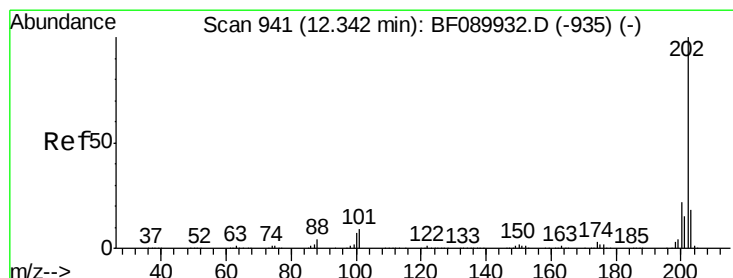
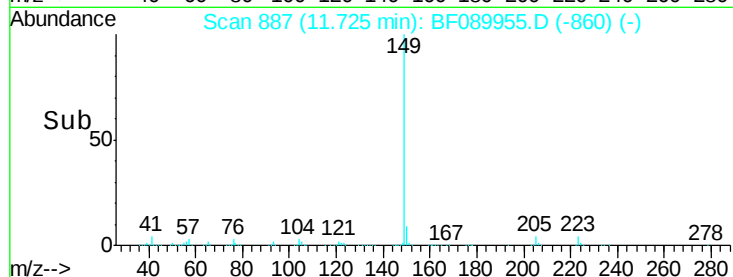
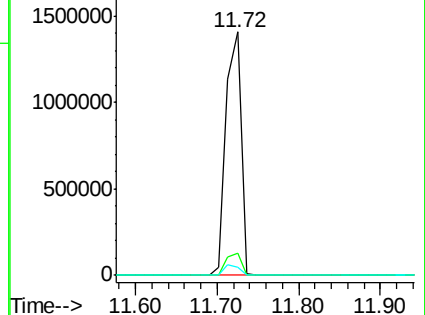
104 3.4 3.9 5.9#



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: 44.20 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

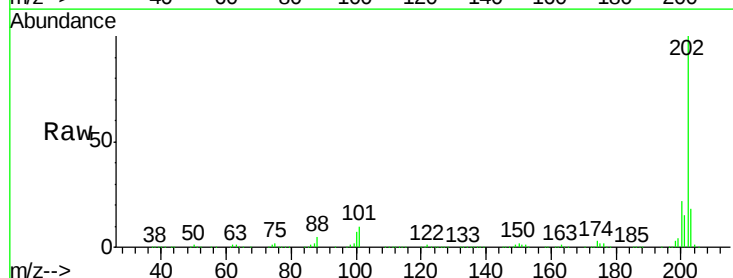
Tgt Ion:202 Resp: 1526564

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.5

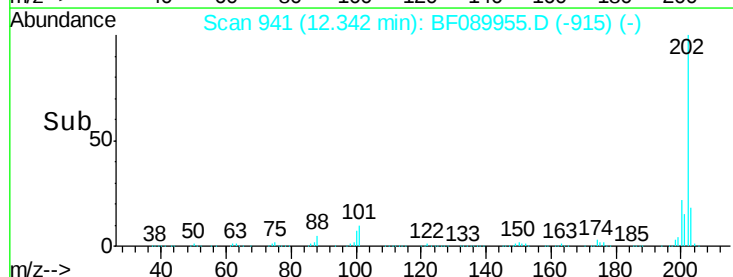
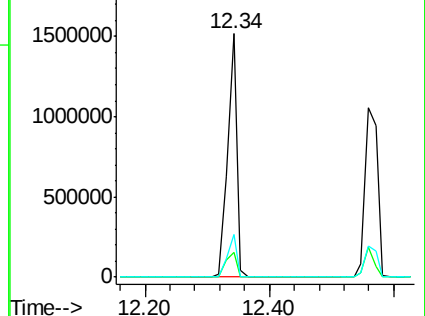
203 17.6 0.0 38.0

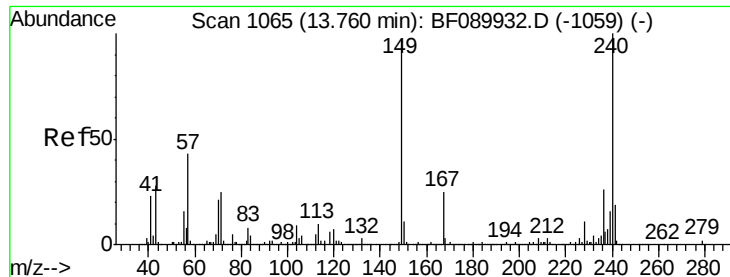


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

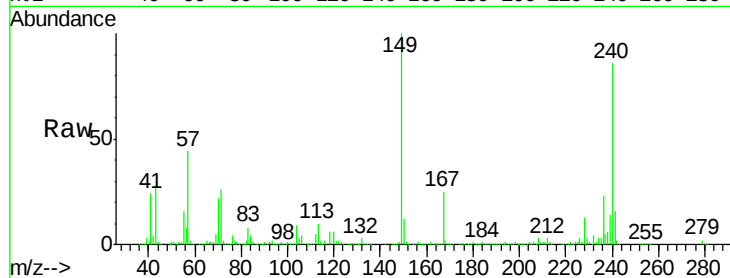
Tot Ion:240 Resp: 438876

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

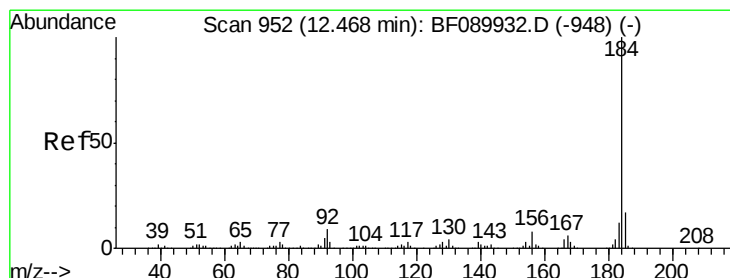
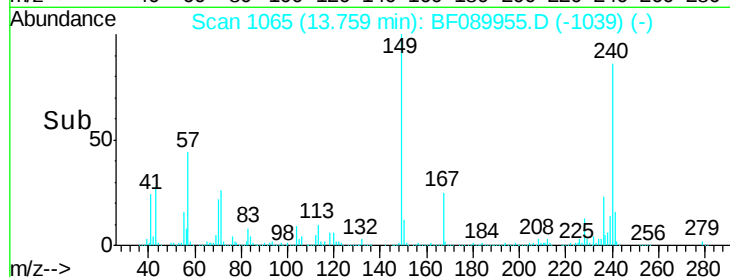
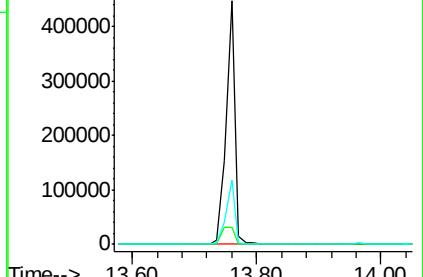
236 26.4 21.3 31.9



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: 39.47 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

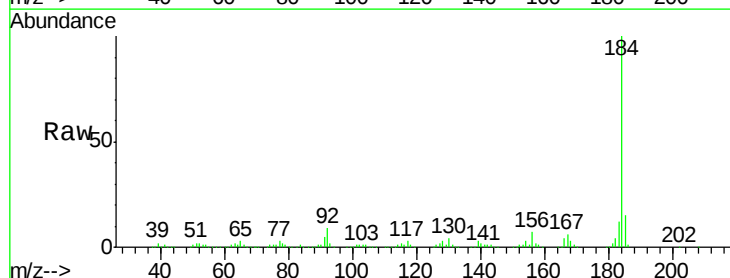
Tgt Ion:184 Resp: 656240

Ion Ratio Lower Upper

184 100

185 15.1 13.8 20.8

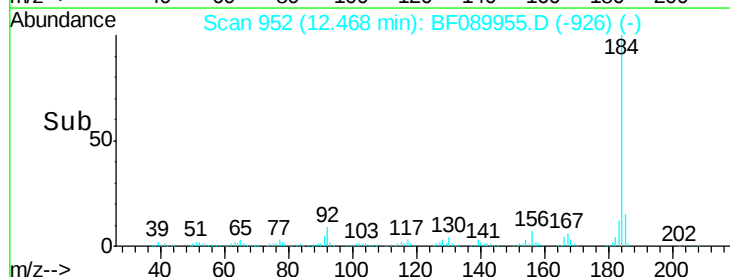
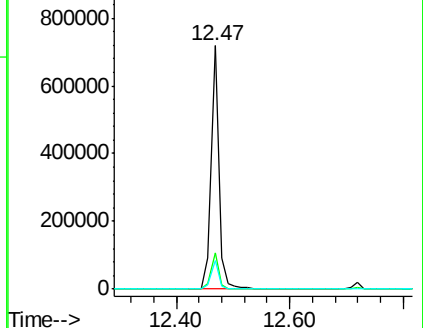
183 11.6 9.6 14.4

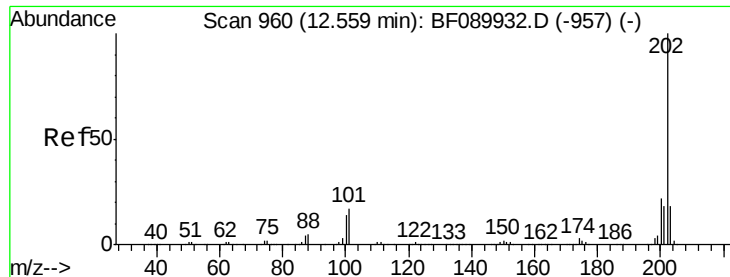


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

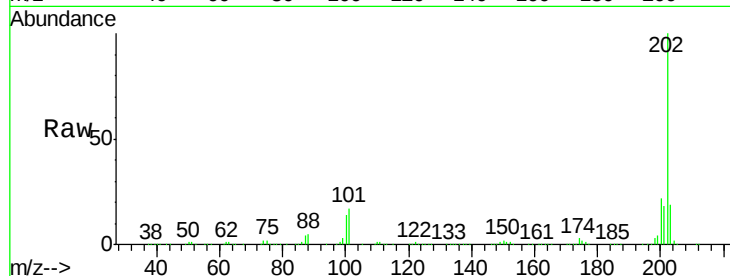




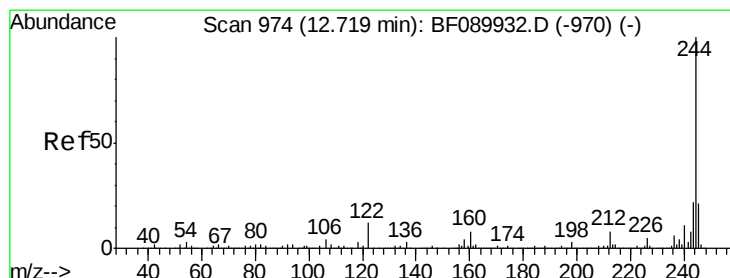
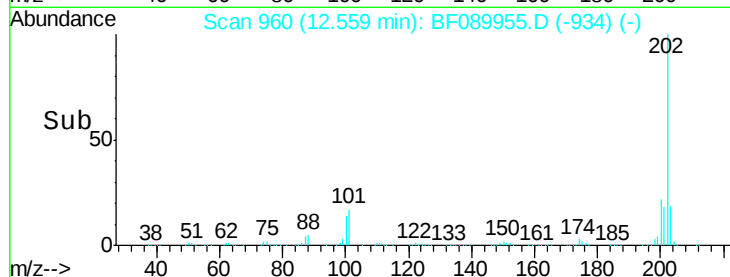
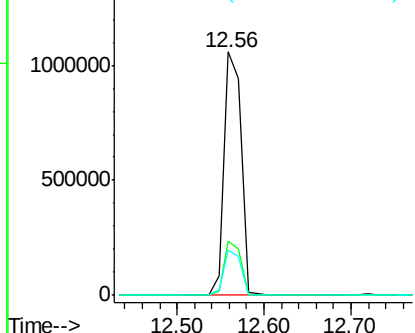
#77
Pvrene
Concen: 46.85 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:202 Resp: 1449797
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.6 14.6 21.8

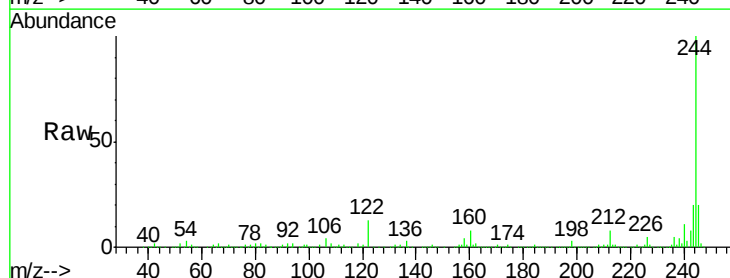


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

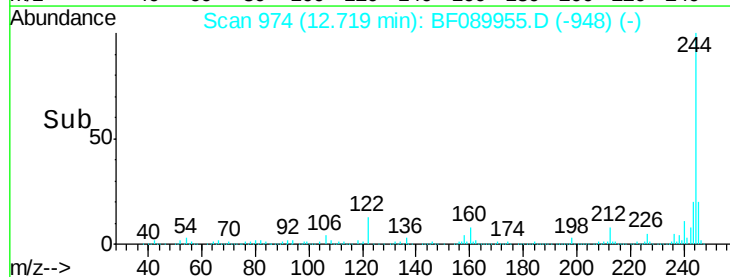
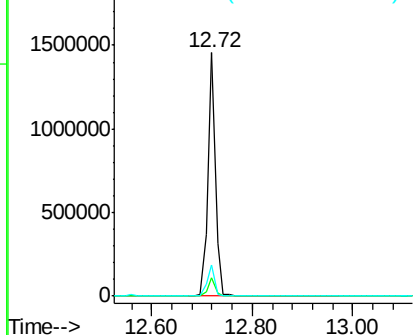


#78
Terphenyl-d14
Concen: 85.07 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:244 Resp: 1511457
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.6 9.6 14.4



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

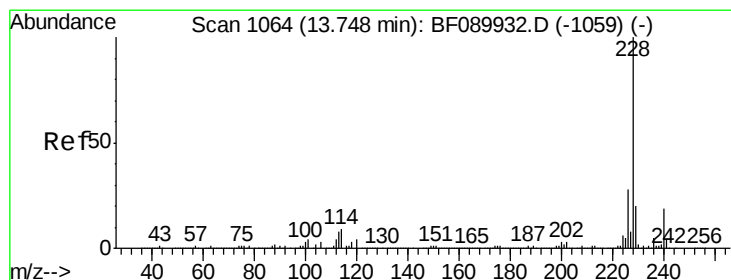
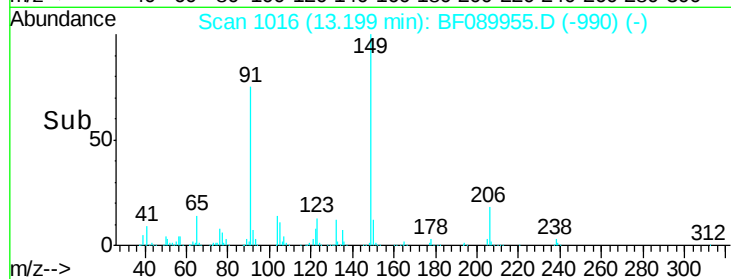
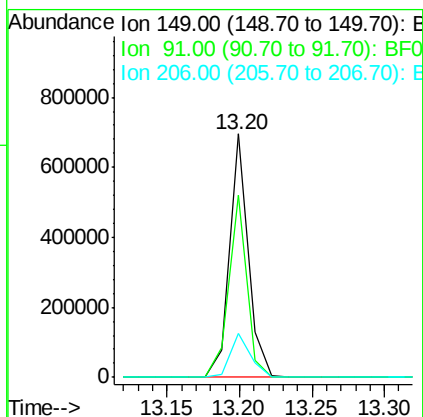
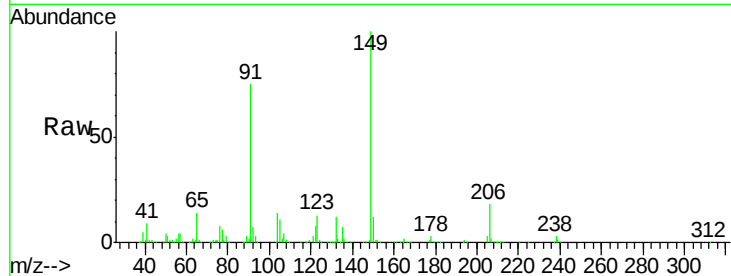




#79
Butylbenzylphthalate
Concen: 50.27 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

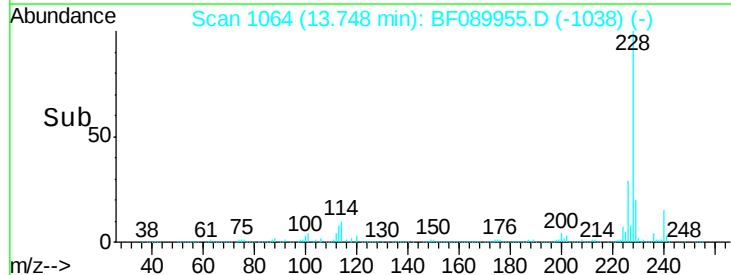
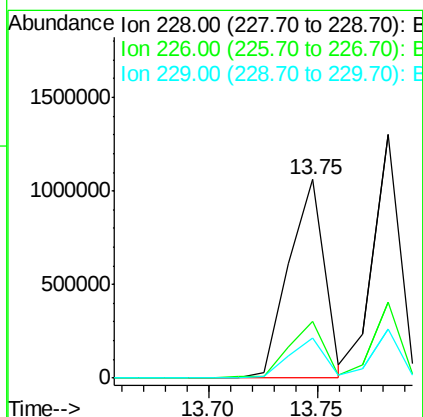
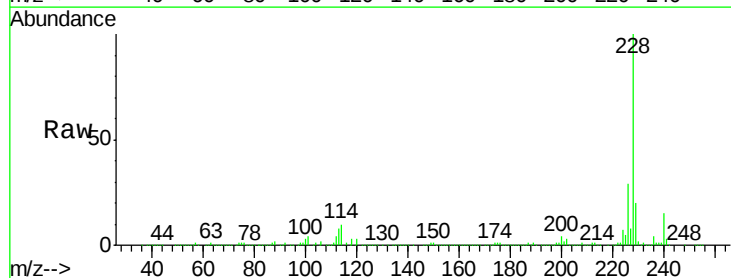
Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:149 Resp: 627293
Ion Ratio Lower Upper
149 100
91 74.7 60.0 90.0
206 18.3 15.1 22.7



#80
Benzo(a)anthracene
Concen: 45.20 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:228 Resp: 1215033
Ion Ratio Lower Upper
228 100
226 28.7 22.2 33.2
229 20.2 15.8 23.6

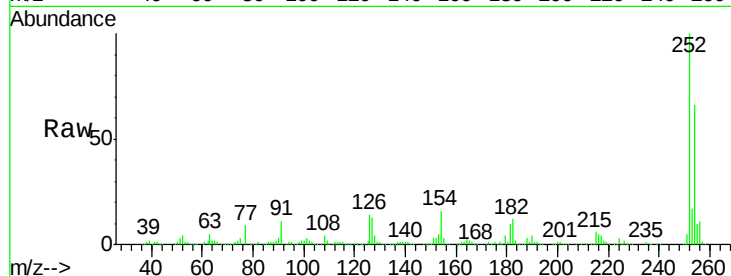




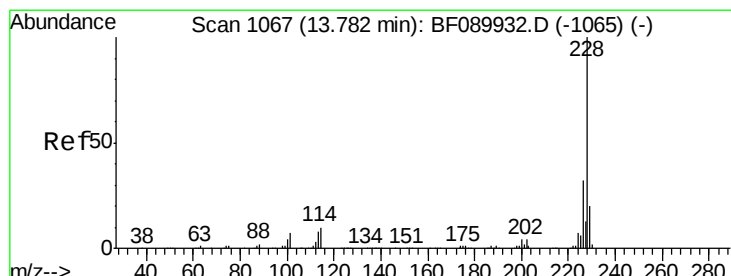
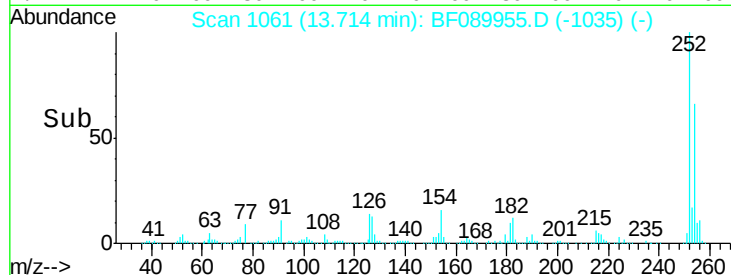
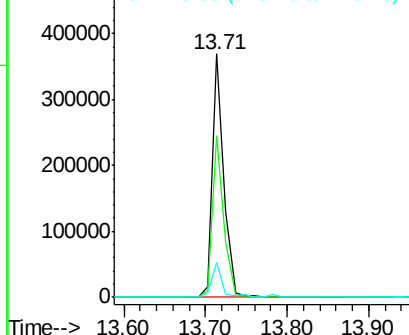
#81
 3,3'-Dichlorobenzidine
 Concen: 37.67 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion:252 Resp: 365461
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.3 76.9
 126 14.4 12.3 18.5

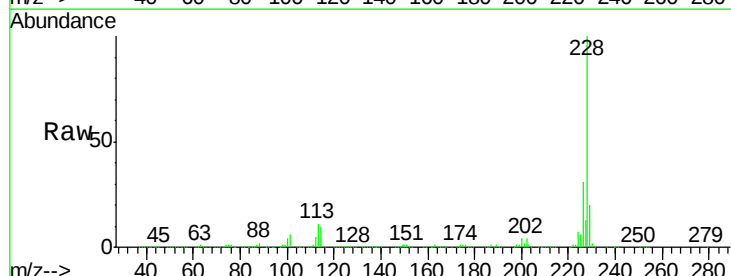


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

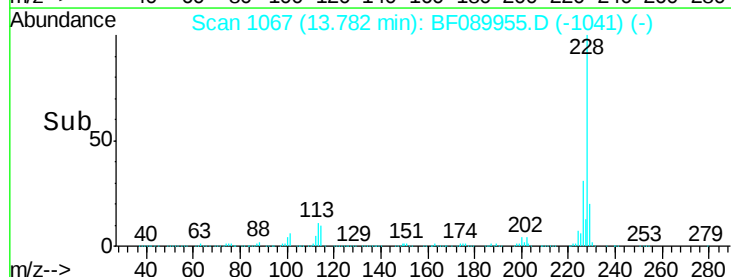
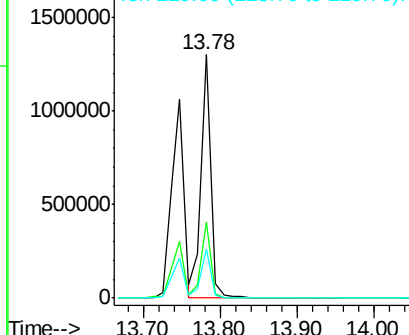


#82
 Chrysene
 Concen: 45.28 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:228 Resp: 1137004
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.2 37.8
 229 20.0 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

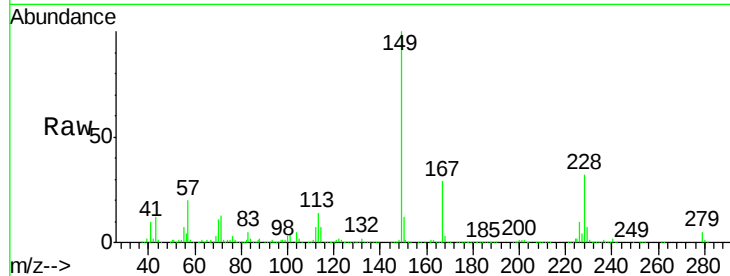




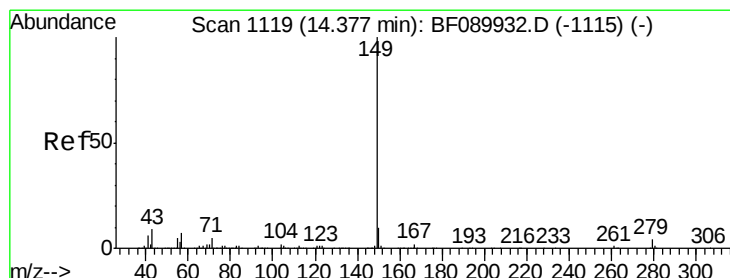
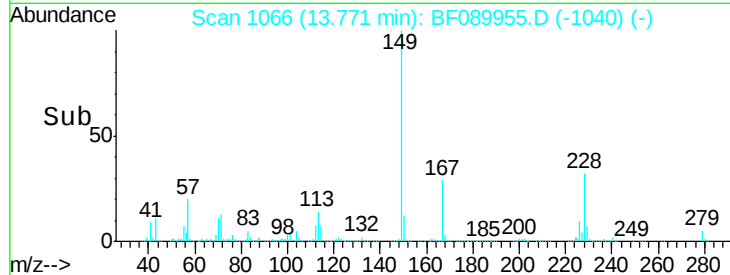
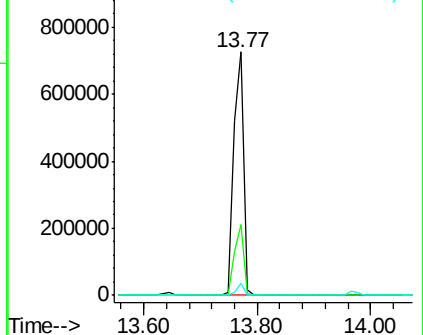
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.81 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.6	35.4
279	4.7	3.4	5.2

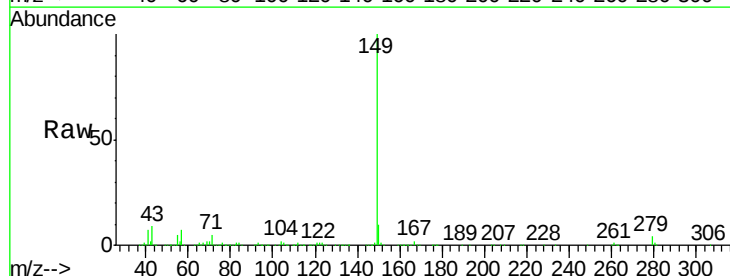


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

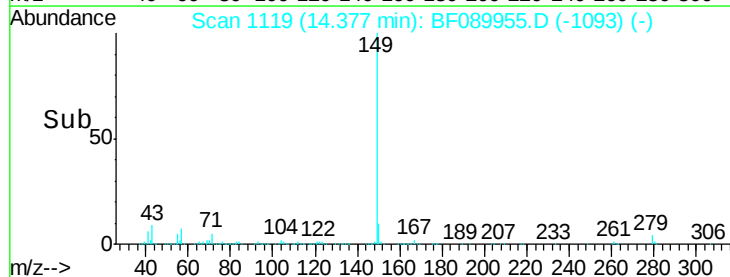
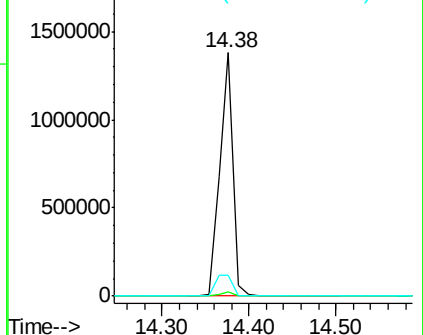


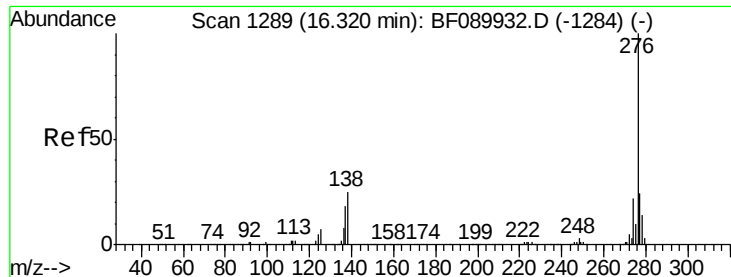
#84
 Di-n-octyl phthalate
 Concen: 53.00 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.4	9.3	13.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

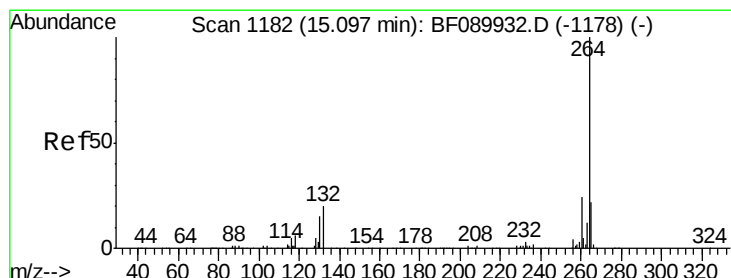
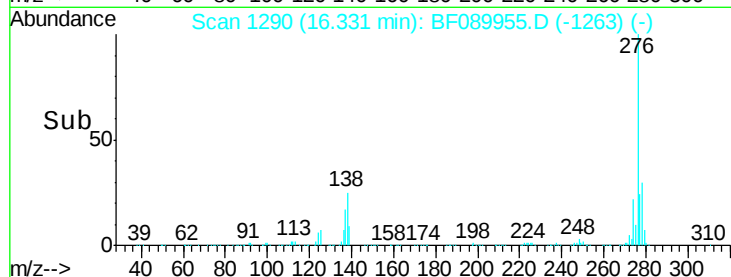
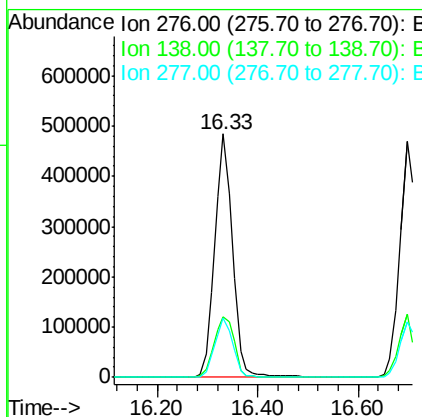
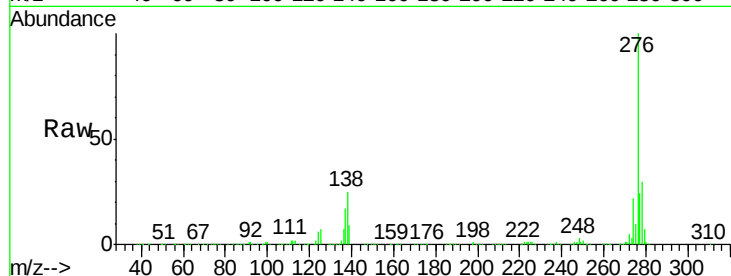




#85
Indeno(1,2,3-cd)pyrene
Concen: 64.39 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

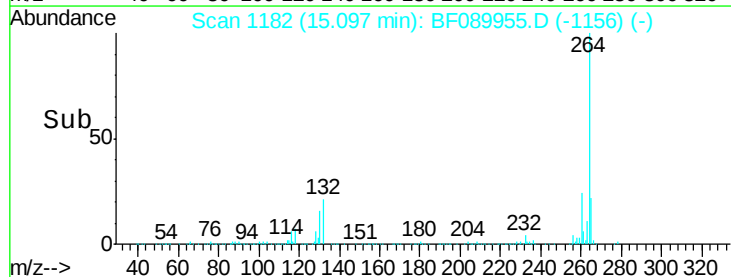
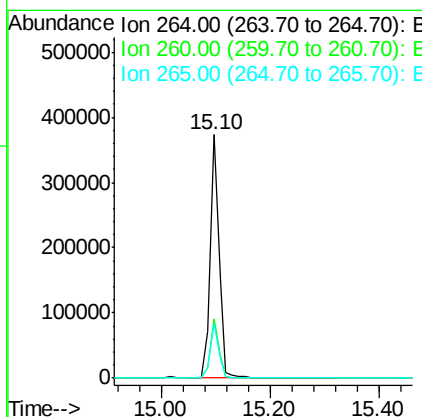
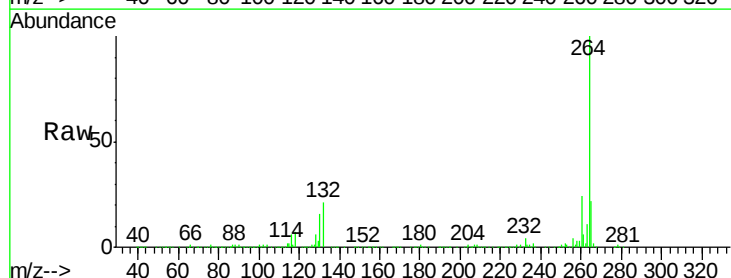
Instrument :
BNA_F
ClientSampleId :
PB93146BS

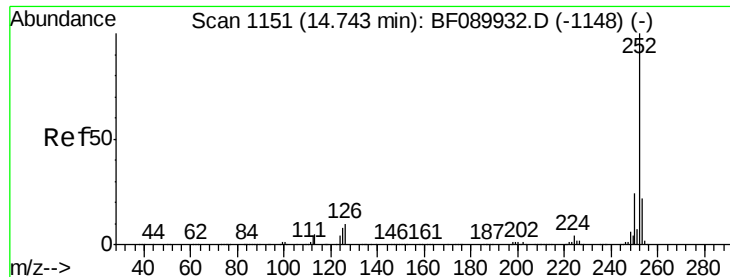
Tot Ion:276 Resp: 1195260
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:264 Resp: 427003
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 82.85 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampled :

PB93146BS

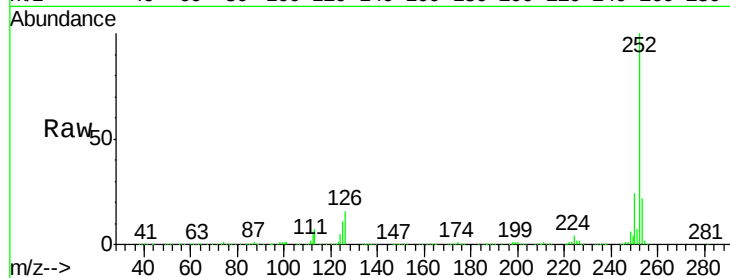
Tot Ion:252 Resp: 2216340

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

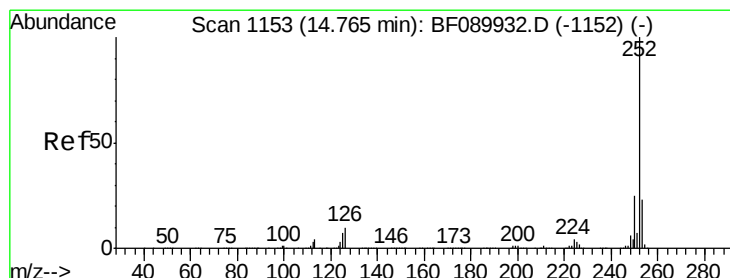
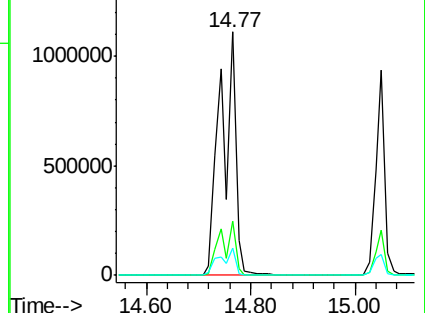
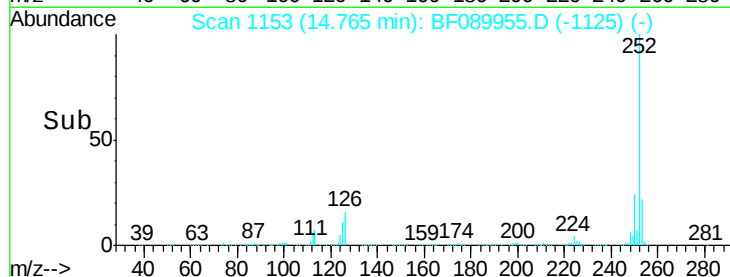
125 11.1 5.7 8.5#



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: 97.64 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

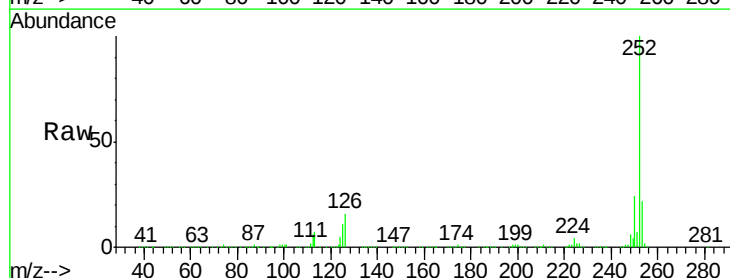
Tgt Ion:252 Resp: 2216340

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

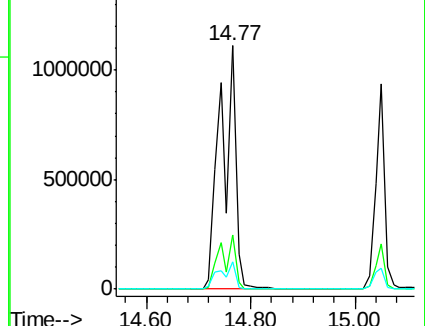
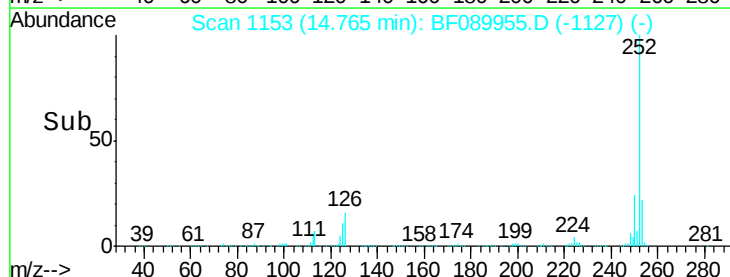
125 11.1 7.3 10.9#

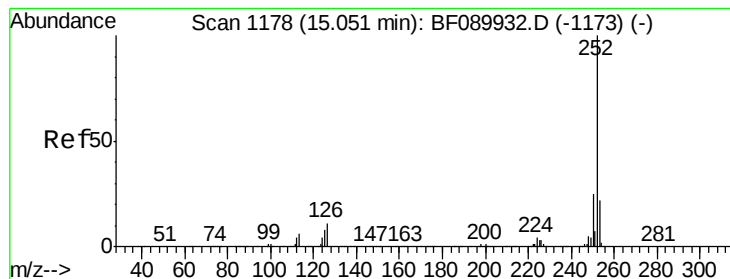


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.84 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

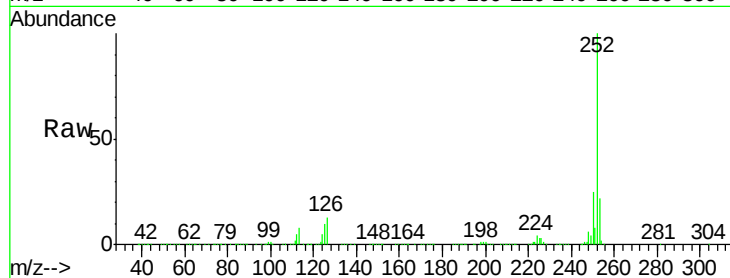
Tot Ion:252 Resp: 1119440

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

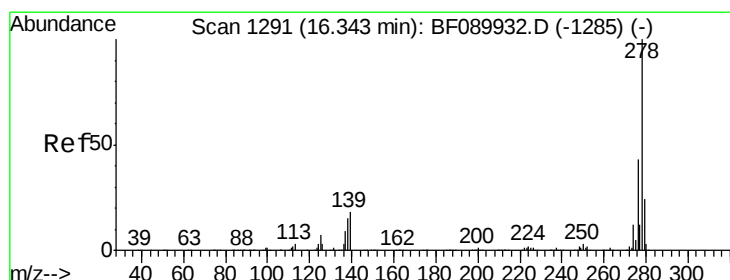
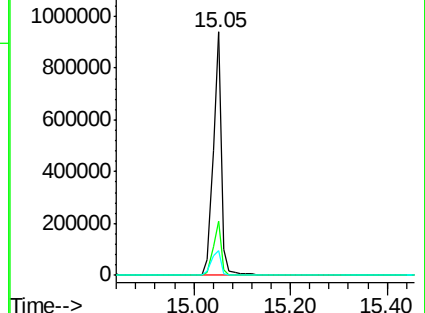
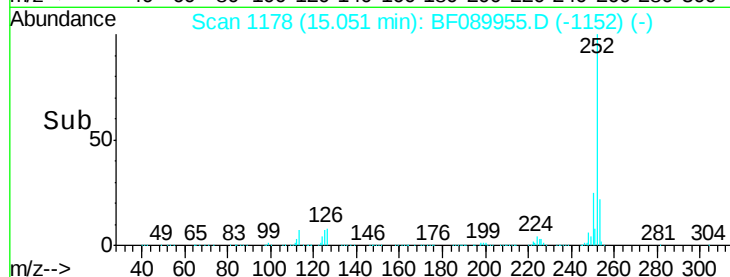
125 10.1 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 59.85 ng

RT: 16.35 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

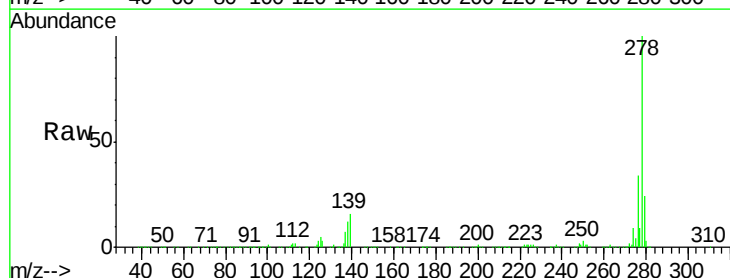
Tgt Ion:278 Resp: 1005072

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.2

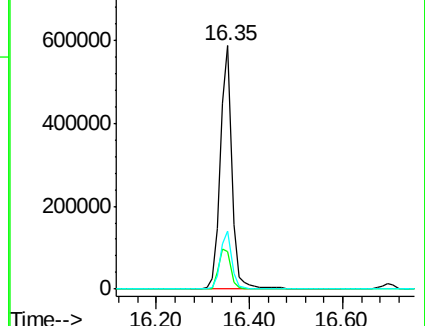
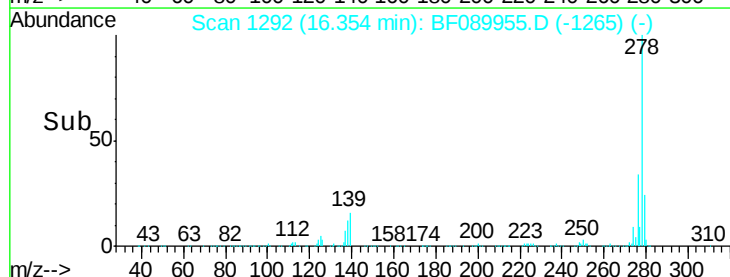
279 24.1 19.4 29.2

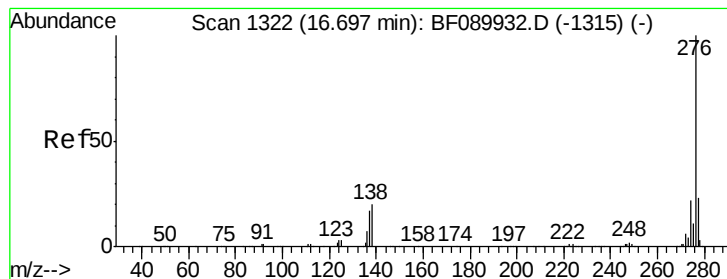


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 58.18 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	26.8	16.4	24.6

