

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

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 ALS Vial : 20 Sample Multiplier: 1

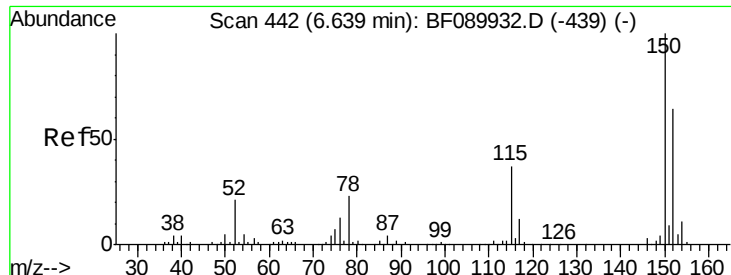
Instrument :
 BNA_F
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Quant Time: Aug 31 19:28:54 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	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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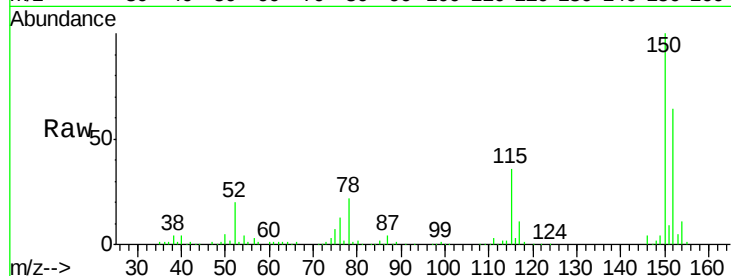


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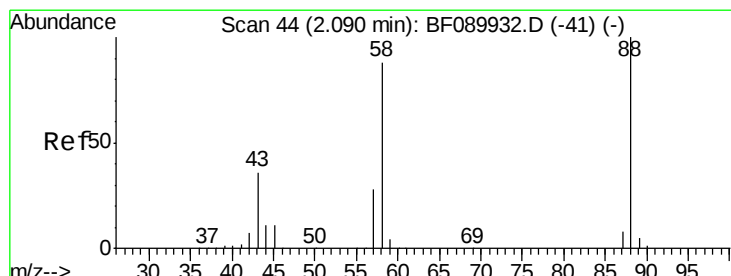
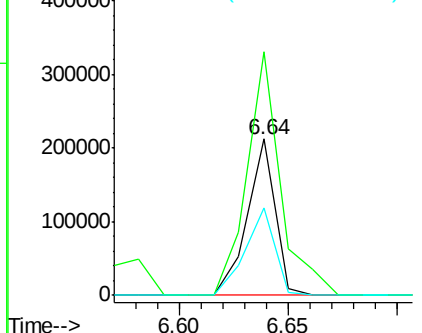
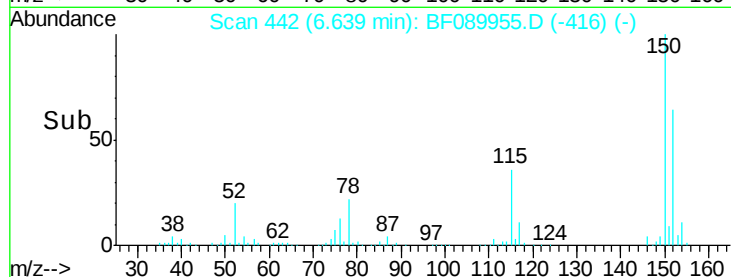
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampled :

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



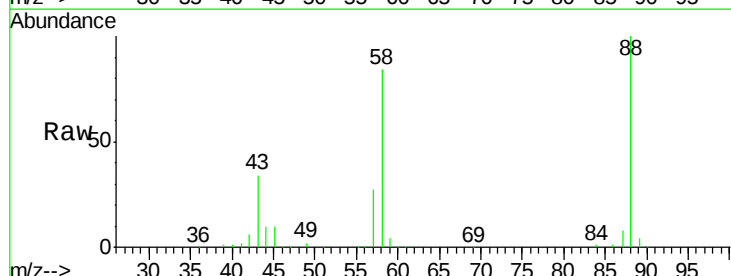
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



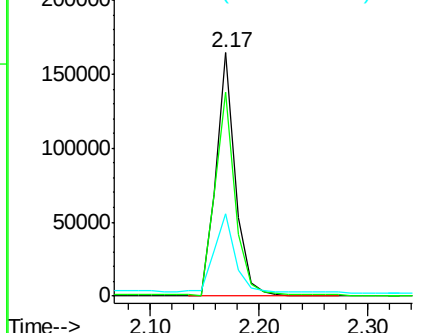
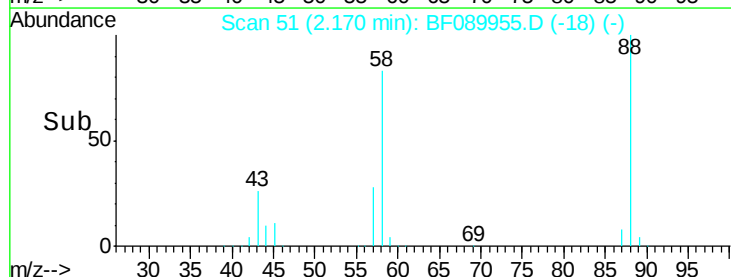
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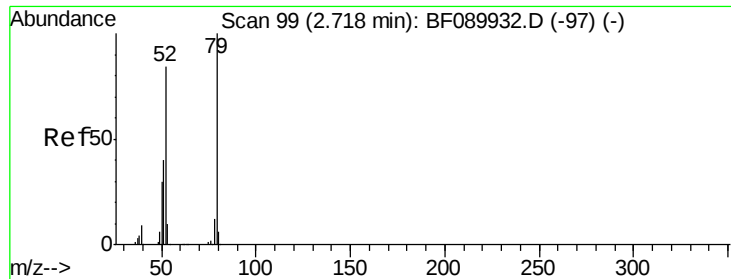
1,4-Dioxane
Concen: 37.18 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

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

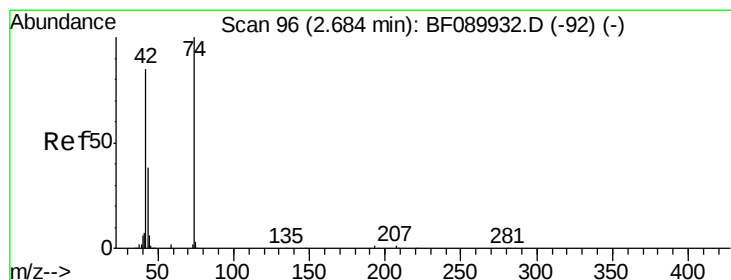
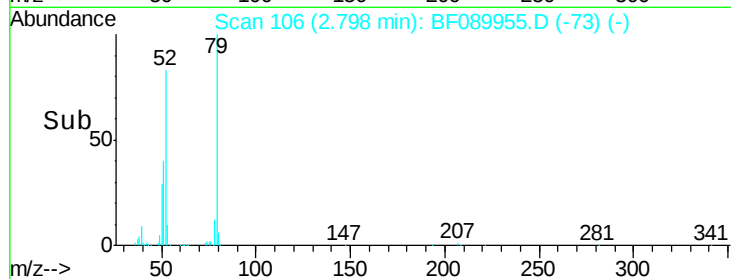
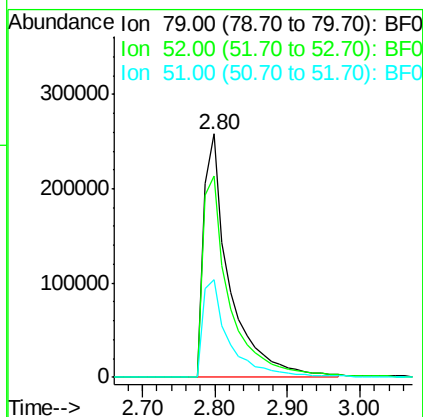
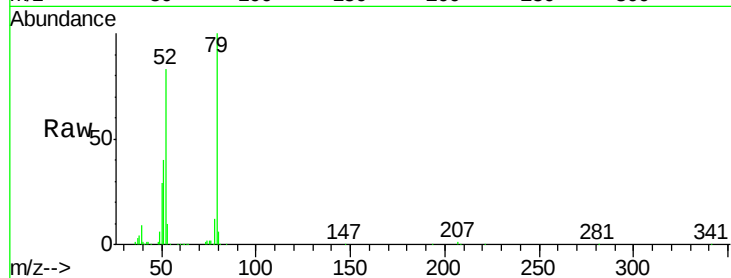




#3
 Pvridine
 Concen: 43.06 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

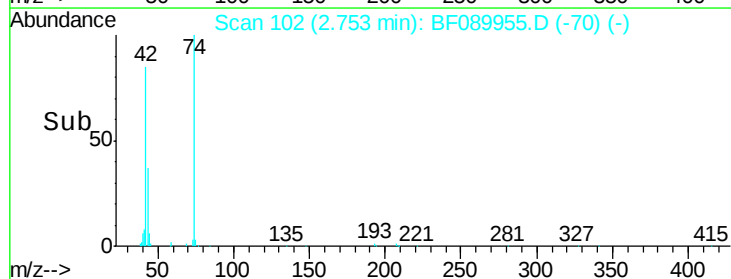
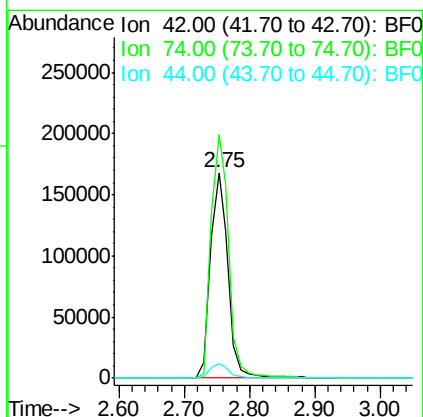
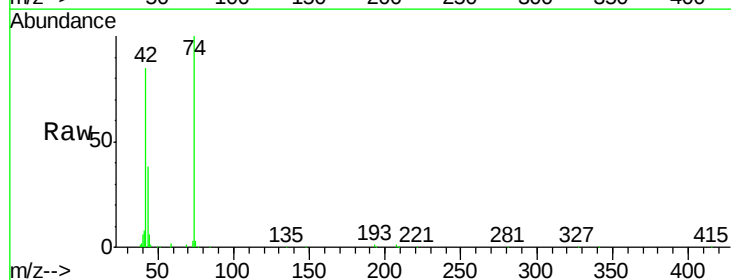
Instrument :
 BNA_F
 ClientSampleId :

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



#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





#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 :

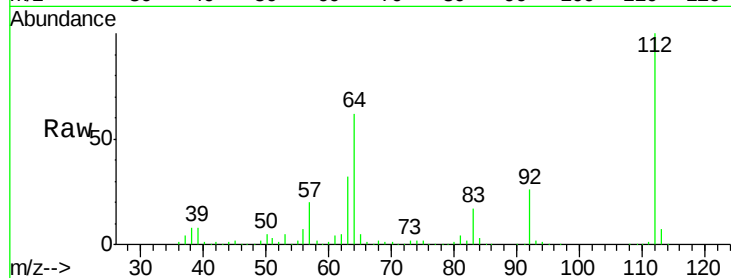
Tot Ion:112 Resp: 1361626

Ion Ratio Lower Upper

112 100

64 62.2 41.1 61.7#

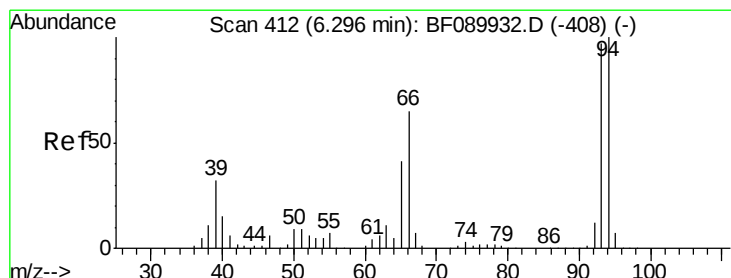
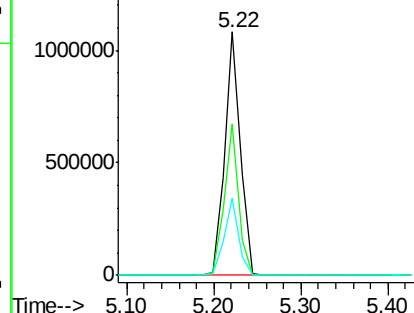
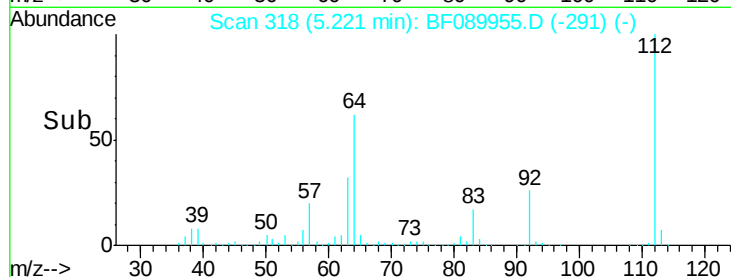
63 31.9 21.2 31.8#



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

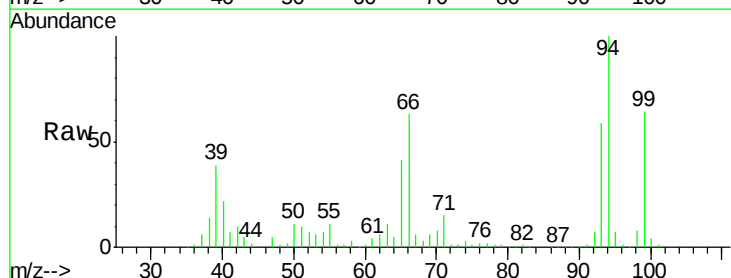
Tgt Ion: 93 Resp: 534248

Ion Ratio Lower Upper

93 100

66 105.9 52.9 79.3#

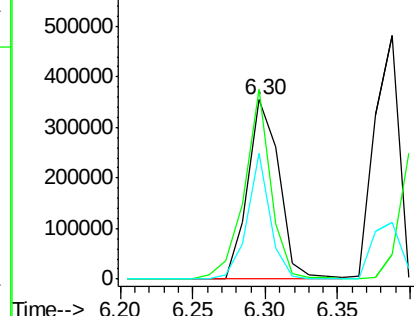
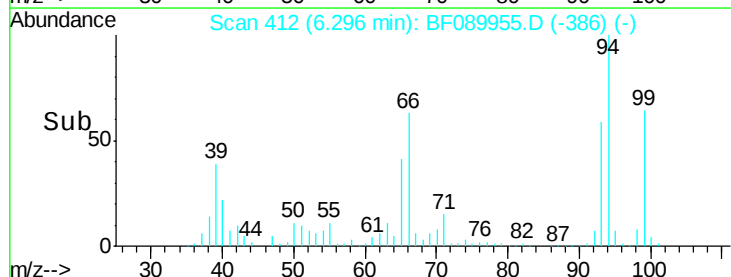
65 70.0 33.0 49.6#

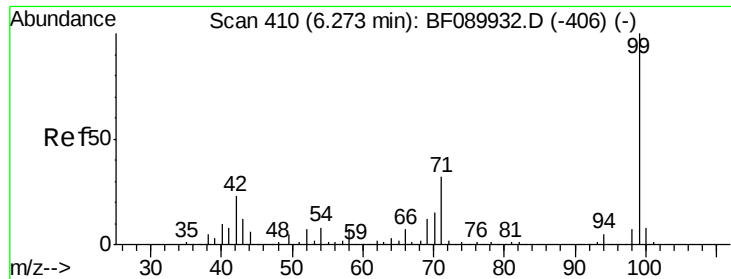


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

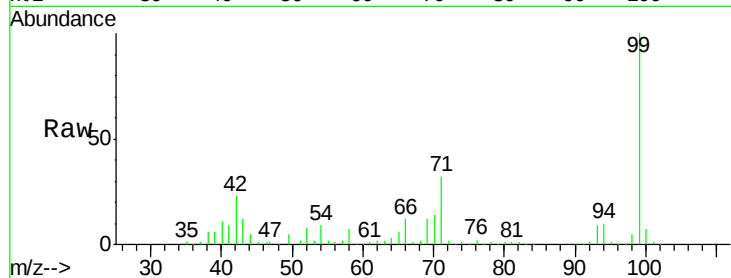
Tot Ion: 99 Resp: 1693930

Ion Ratio Lower Upper

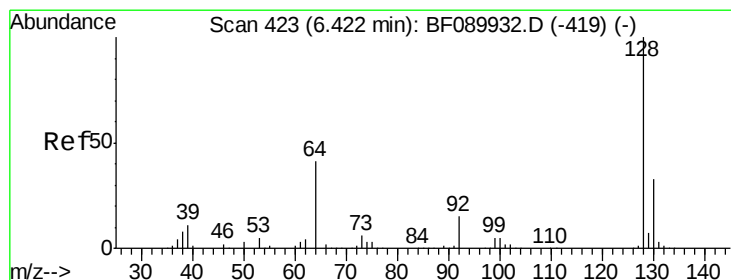
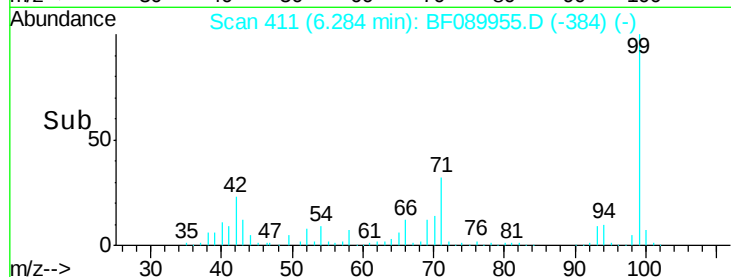
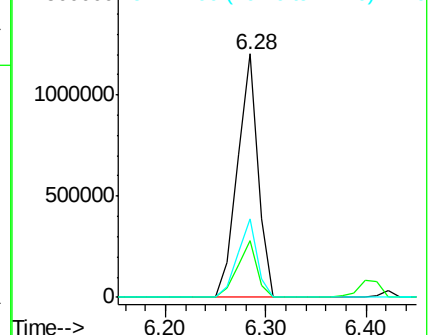
99 100

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

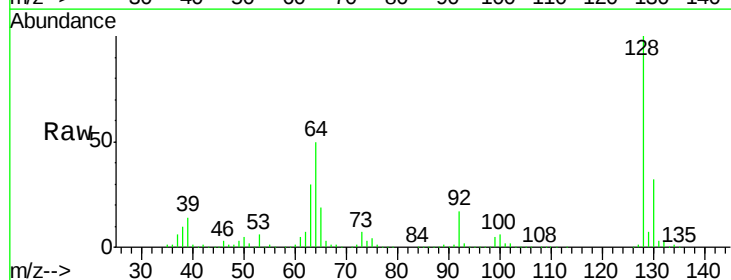
Tgt Ion:128 Resp: 562838

Ion Ratio Lower Upper

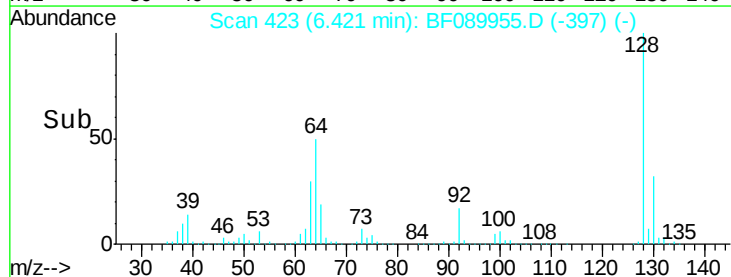
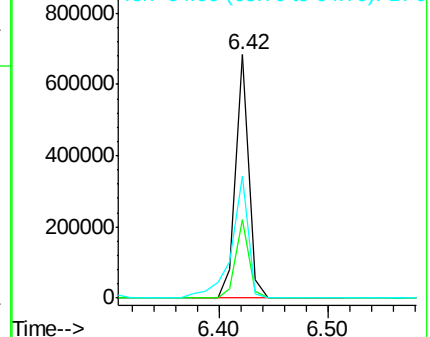
128 100

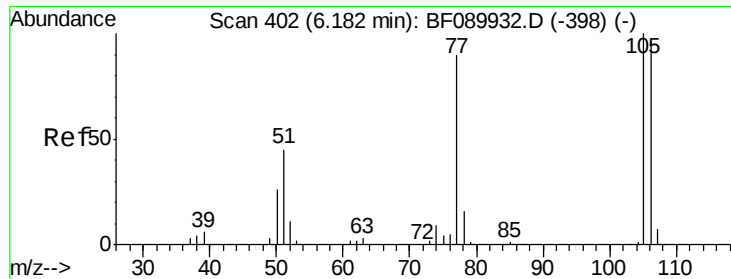
130 32.1 12.8 52.8

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

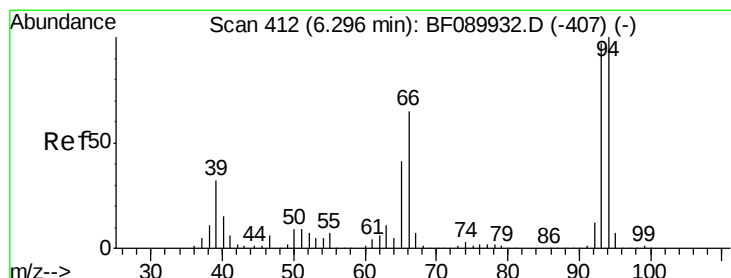
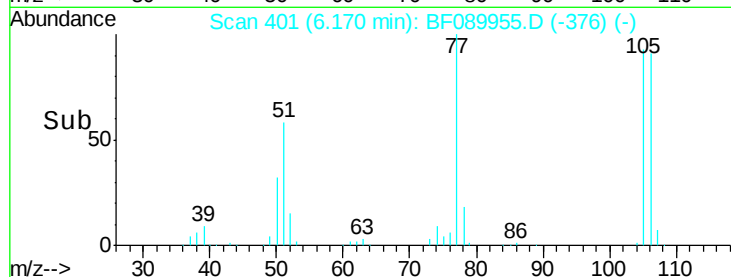
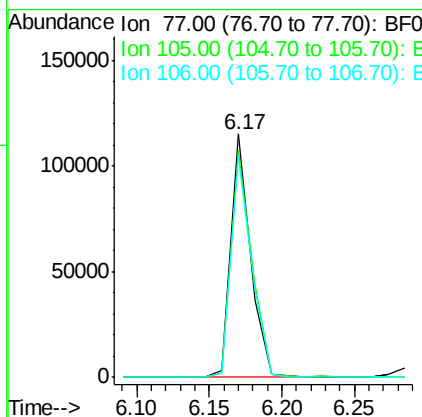
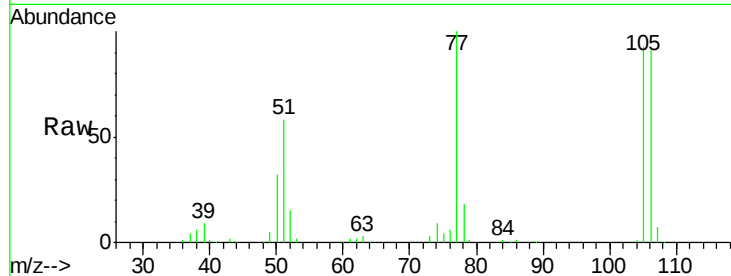




#9
Benzaldehyde
Concen: 11.72 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

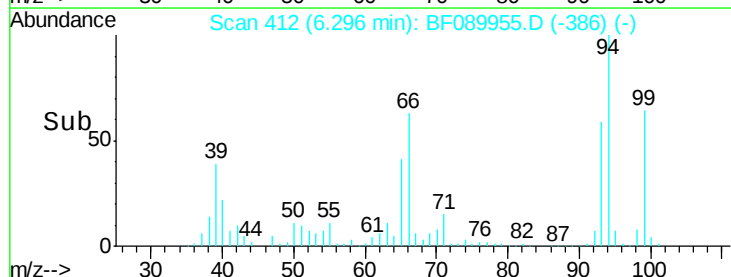
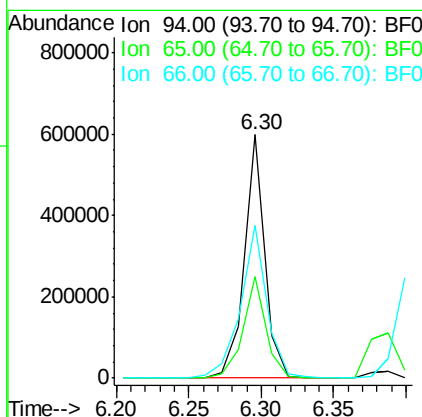
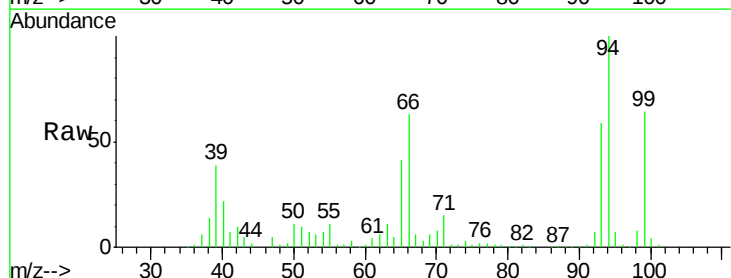
Instrument :
BNA_F
ClientSampleId :

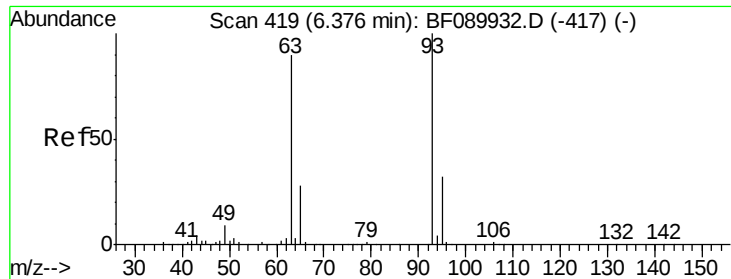
Tot Ion: 77 Resp: 107658
Ion Ratio Lower Upper
77 100
105 93.4 85.4 125.4
106 90.6 83.4 123.4



#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





#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 :

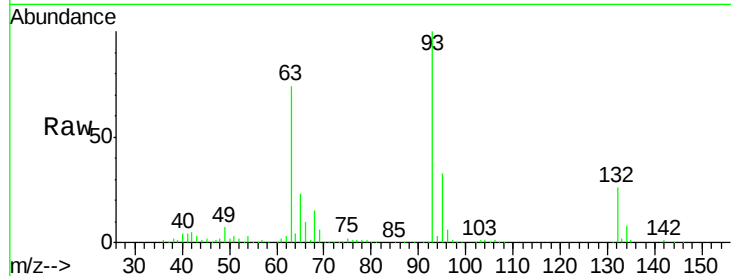
Tot Ion: 93 Resp: 563058

Ion Ratio Lower Upper

93 100

63 73.9 71.1 111.1

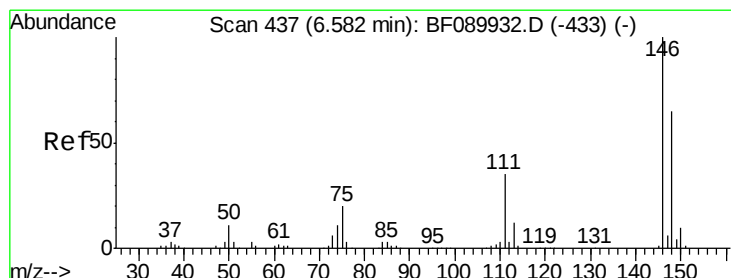
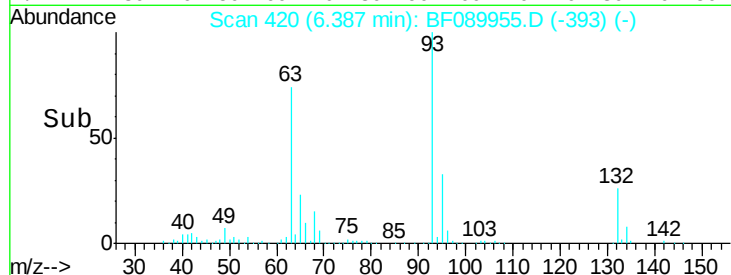
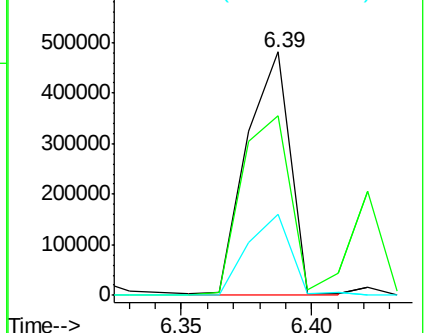
95 33.5 12.4 52.4



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

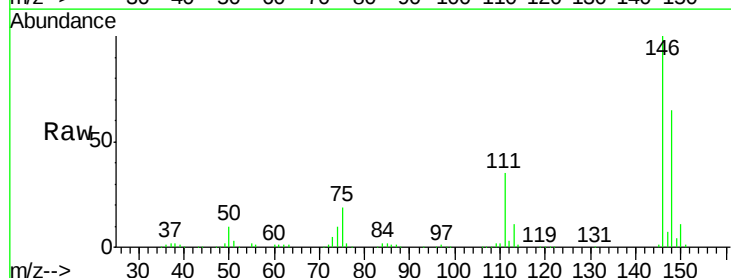
Tgt Ion: 146 Resp: 604278

Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

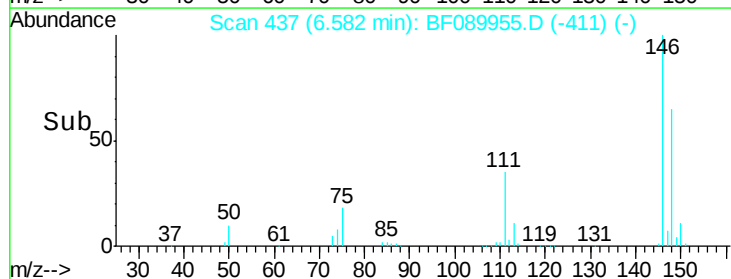
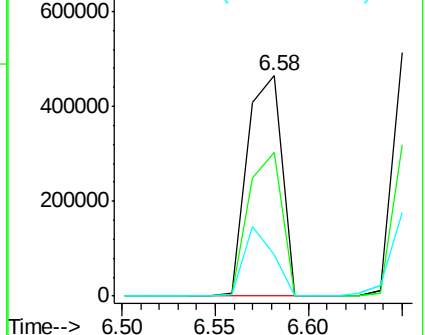
75 18.6 16.6 24.8

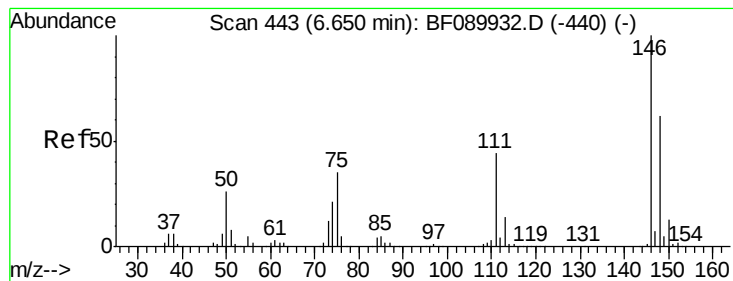


Abundance Ion 146.00 (145.70 to 146.70): E

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 :

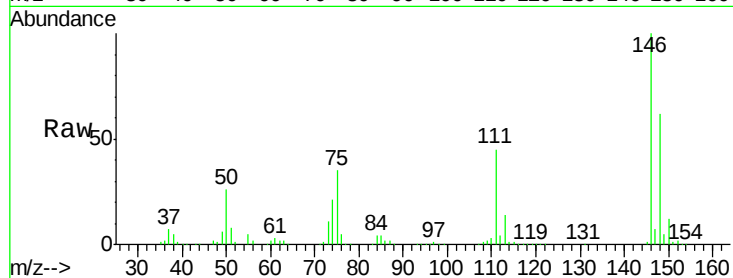
Tot Ion:146 Resp: 594128

Ion Ratio Lower Upper

146 100

148 62.4 50.1 75.1

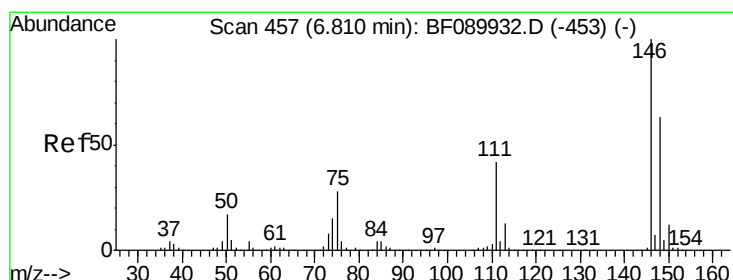
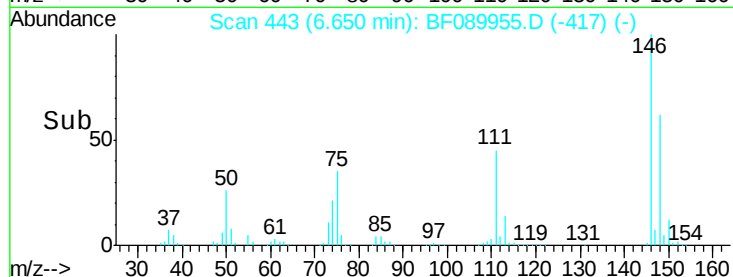
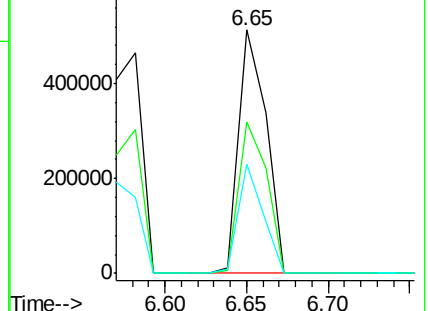
111 44.8 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

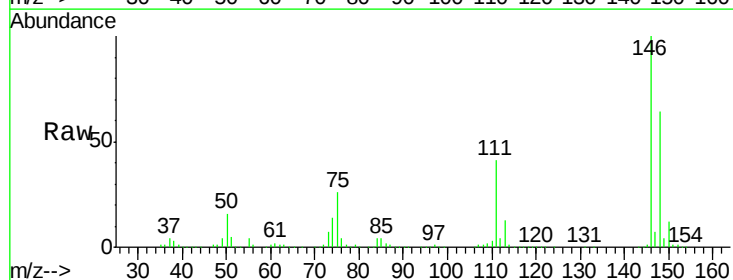
Tgt Ion:146 Resp: 605178

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

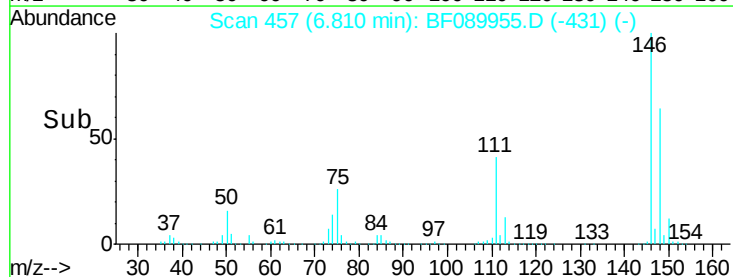
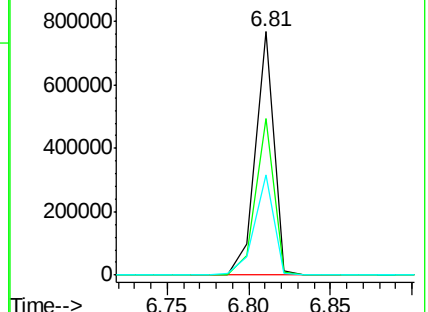
111 41.2 34.6 51.8

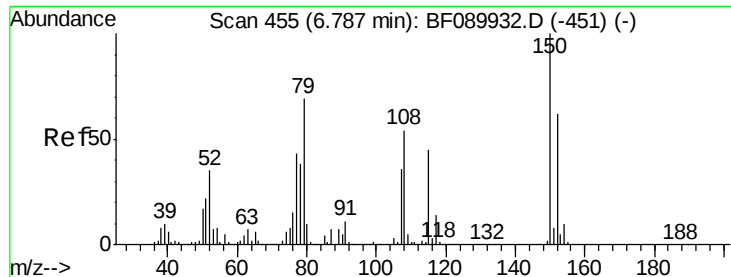


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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 :

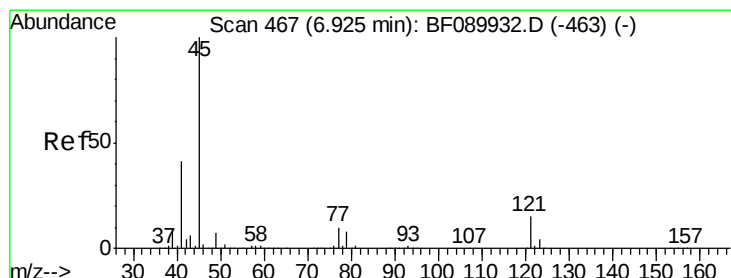
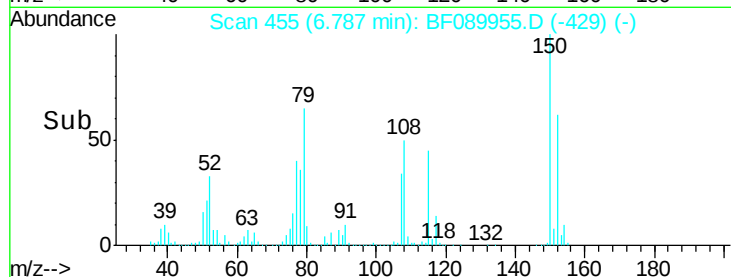
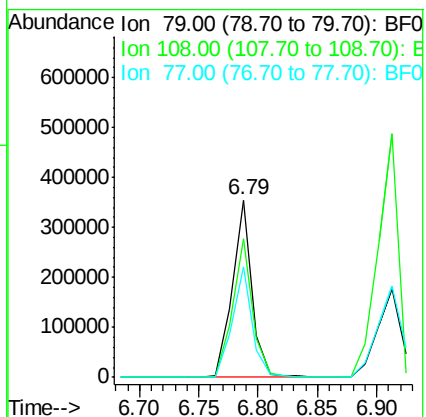
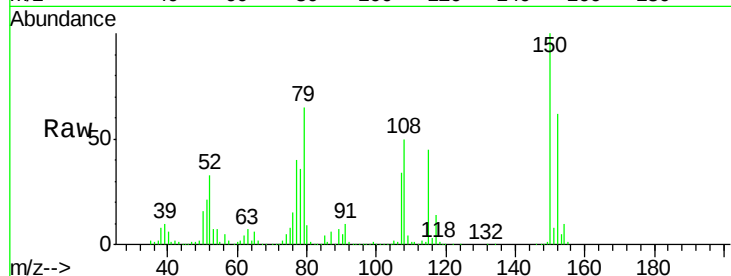
Tot Ion: 79 Resp: 406544

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

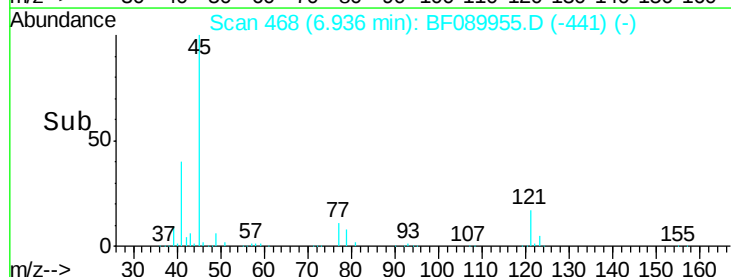
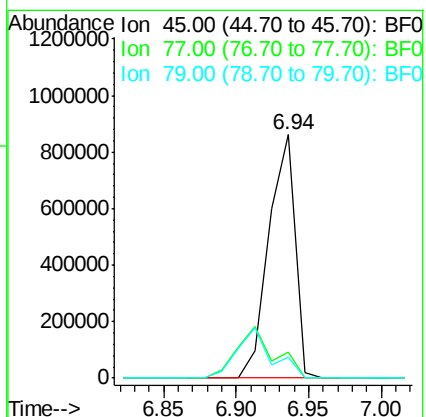
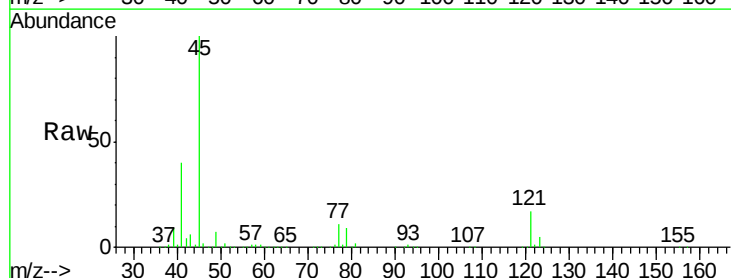
Tgt Ion: 45 Resp: 1085230

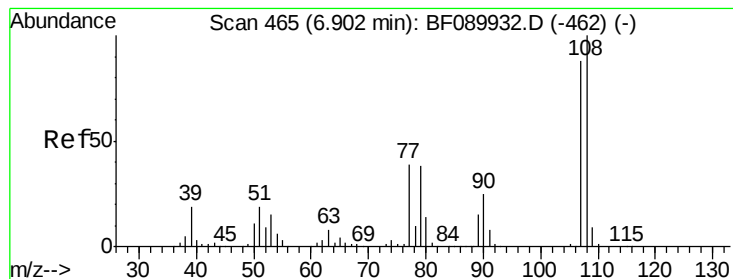
Ion Ratio Lower Upper

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 :

Tot Ion:107 Resp: 508318

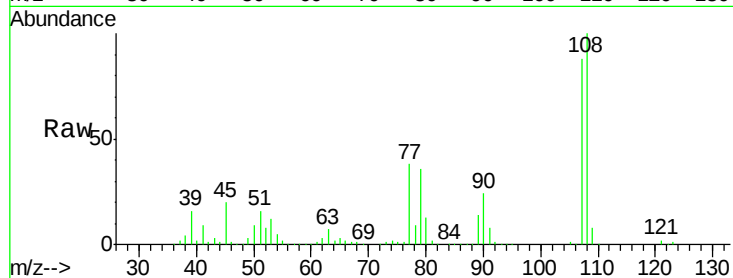
Ion Ratio Lower Upper

107 100

108 113.5 91.8 137.6

77 42.7 36.0 54.0

79 41.1 35.9 53.9

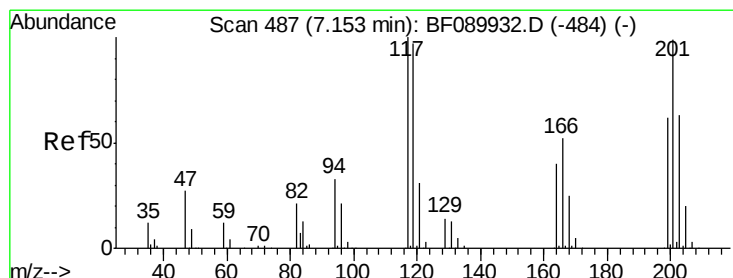
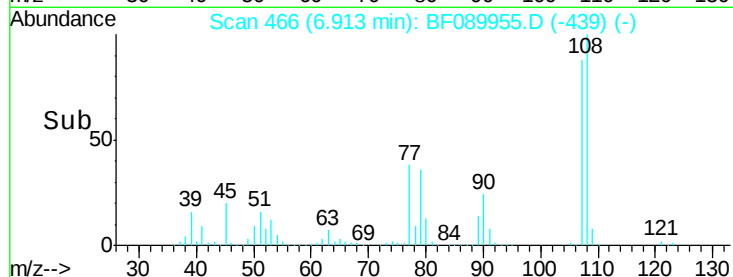
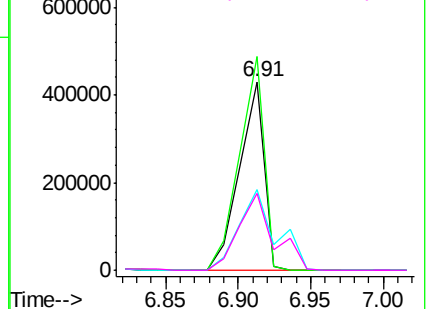


Abundance Ion 107.00 (106.70 to 107.70): E

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

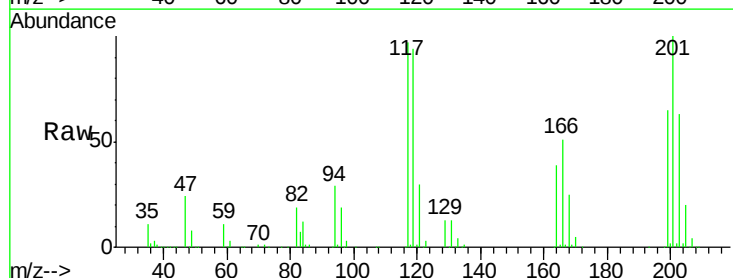
Tgt Ion:117 Resp: 222751

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.2

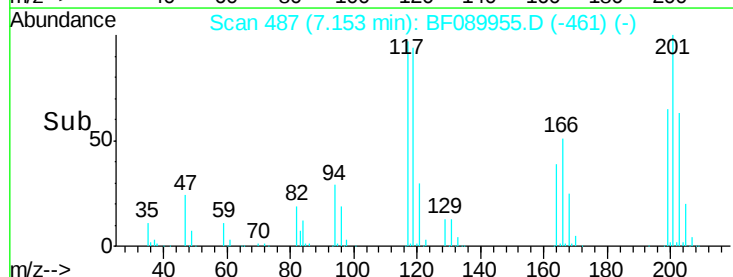
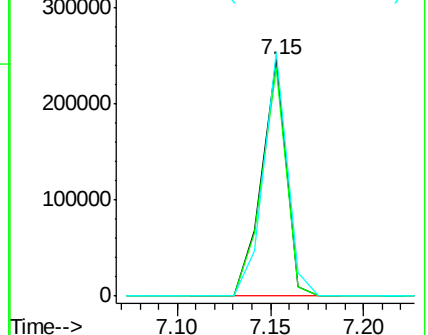
201 102.9 80.2 120.2

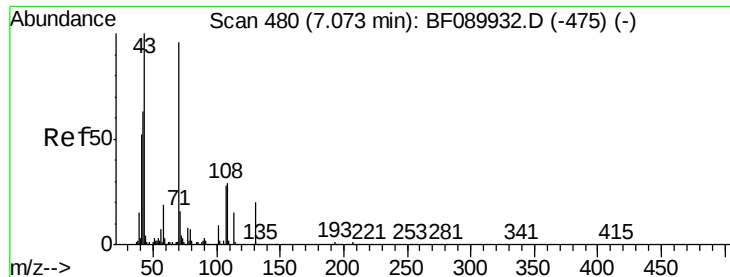


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

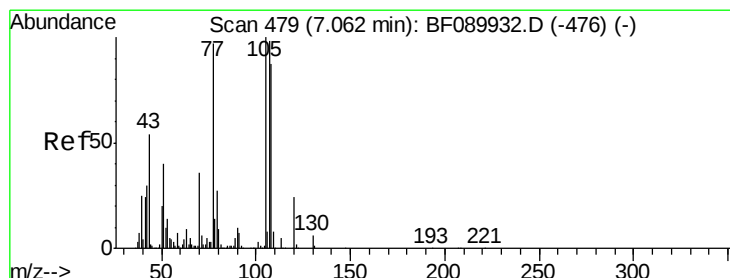
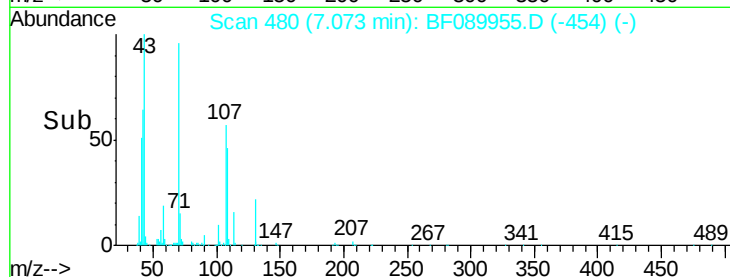
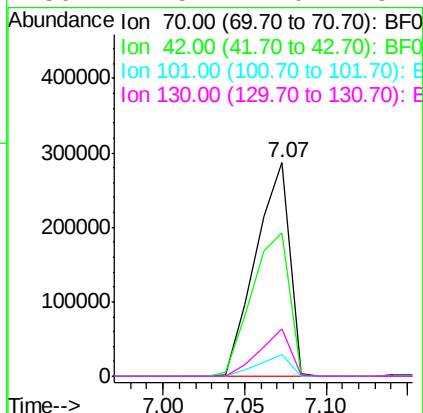
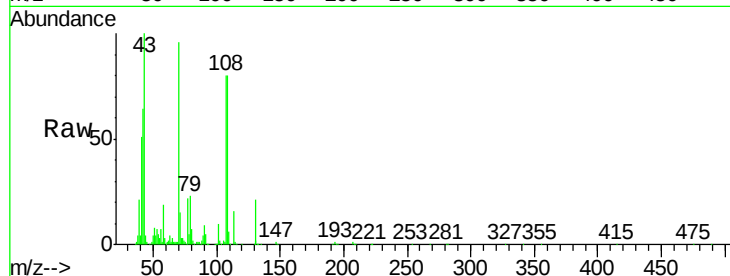




#19
 n-Nitroso-di-n-propylamine
 Concen: 44.71 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

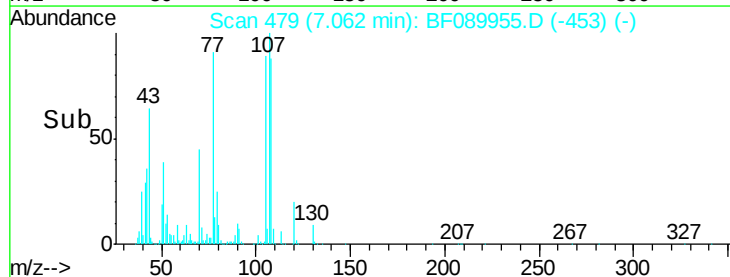
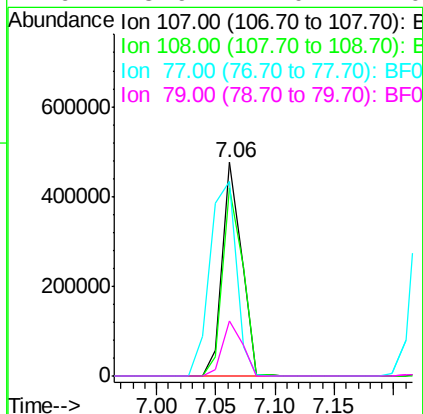
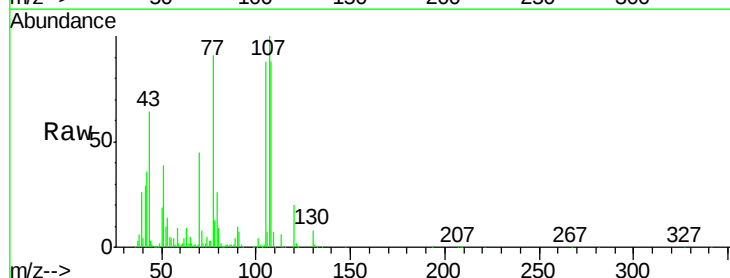
Instrument :
 BNA_F
 ClientSampleId :

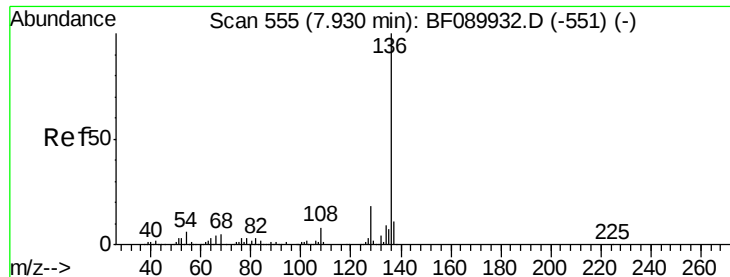
Tot Ion:	70	Resp:	414714
Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.1	78.1
101	10.2	7.4	11.2
130	22.5	17.0	25.4



#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

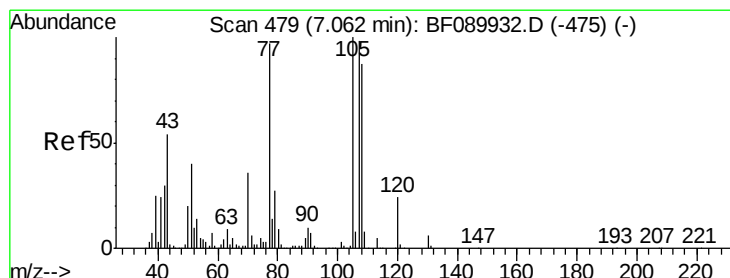
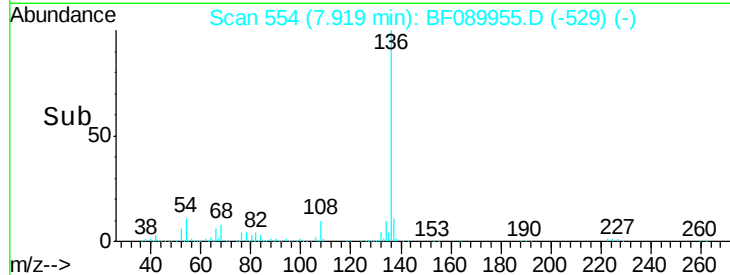
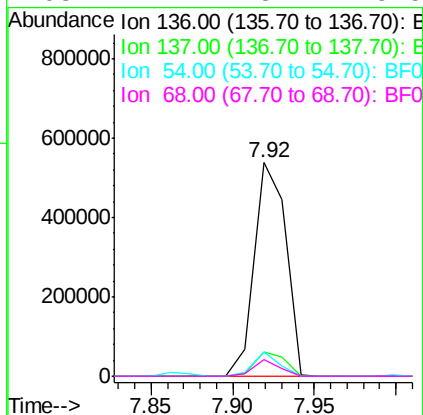
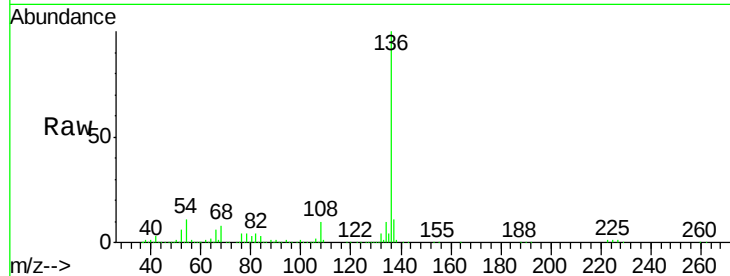




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

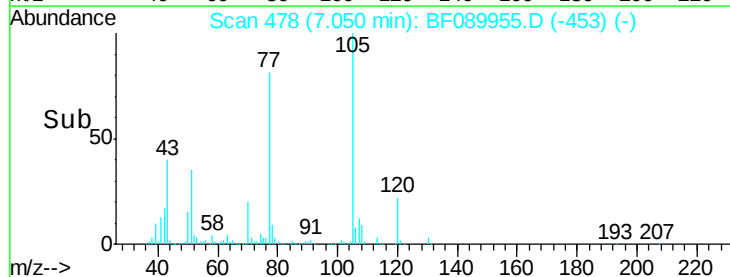
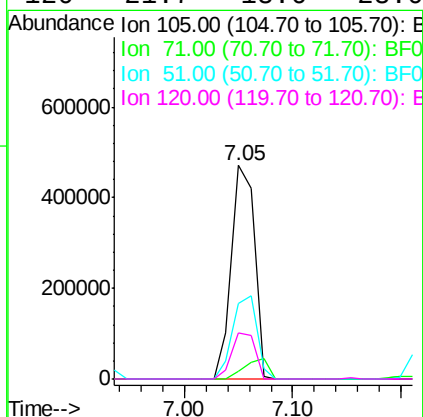
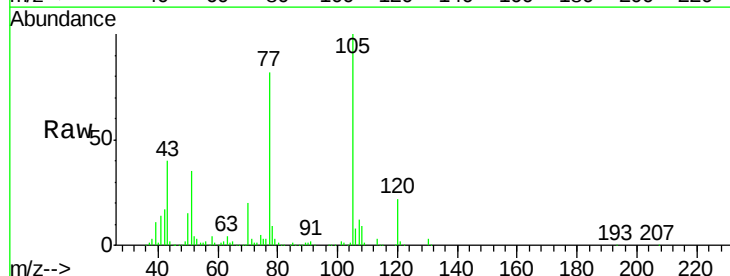
Instrument :
BNA_F
ClientSampleId :

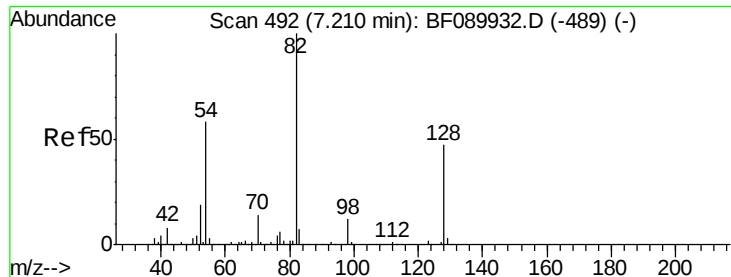
Tot Ion:136	Resp: 723997
Ion Ratio	Lower Upper
136 100	
137 11.2	8.3 12.5
54 11.3	4.8 7.2#
68 7.7	3.7 5.5#



#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

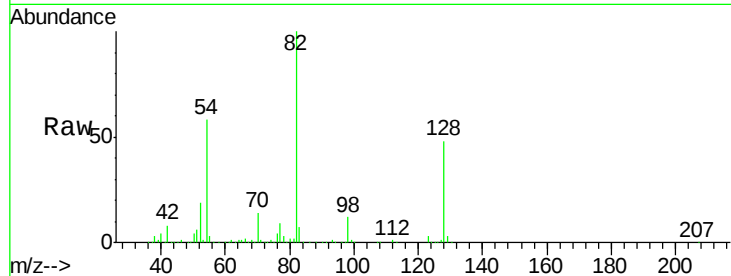




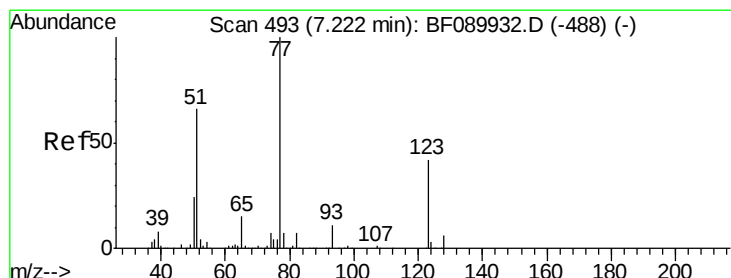
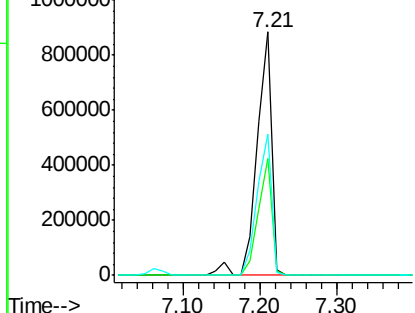
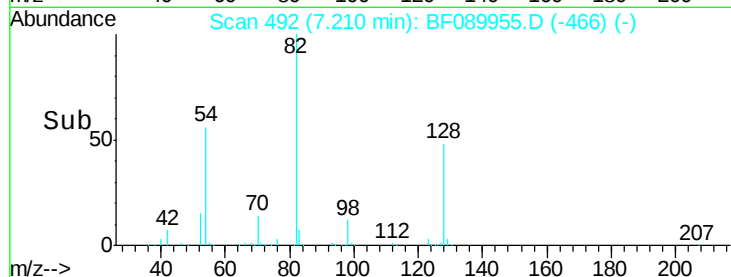
#23
 Nitrobenzene-d5
 Concen: 92.08 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampled :

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

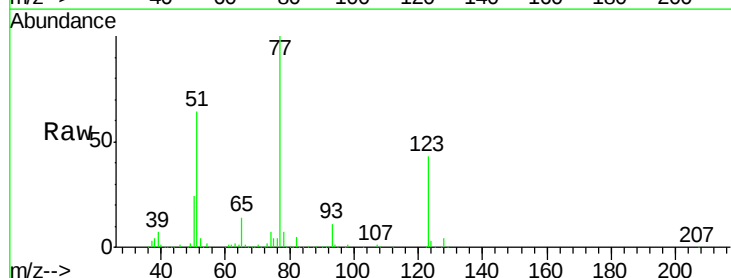


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

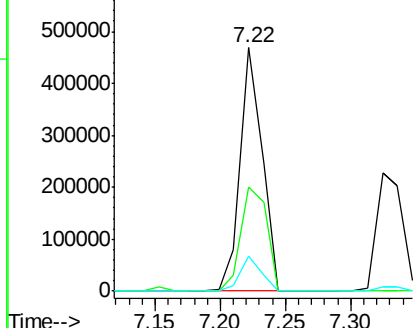
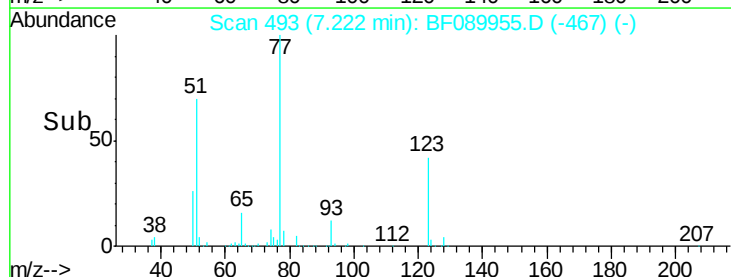


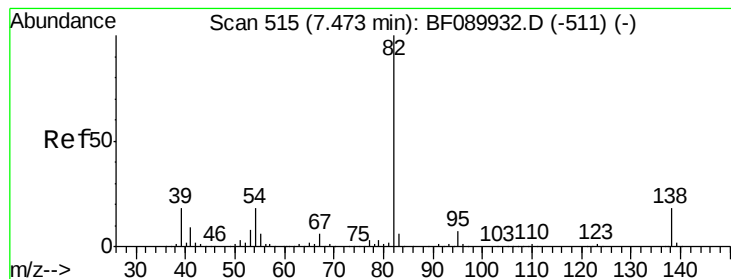
#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

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 :

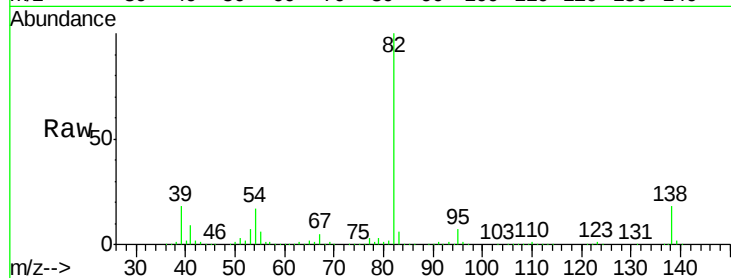
Tot Ion: 82 Resp: 1131901

Ion Ratio Lower Upper

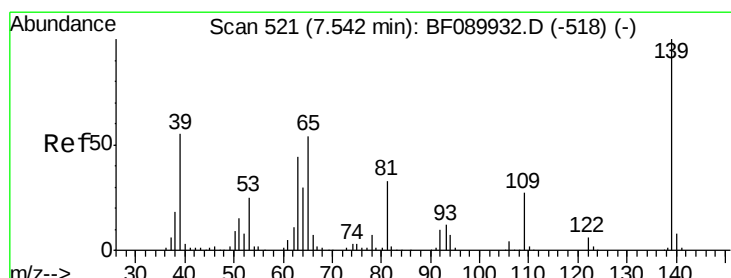
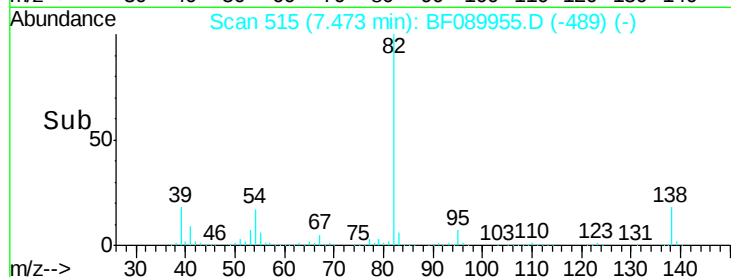
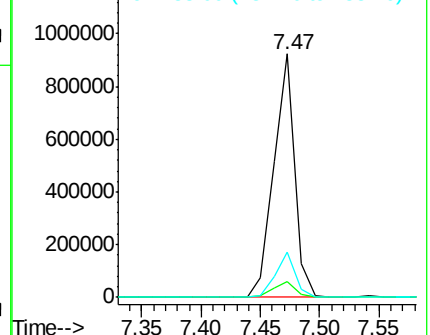
82 100

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

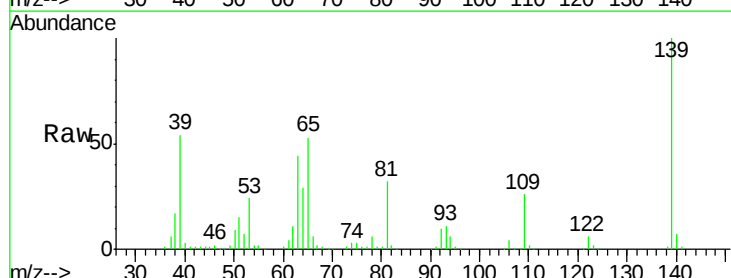
Tgt Ion: 139 Resp: 295542

Ion Ratio Lower Upper

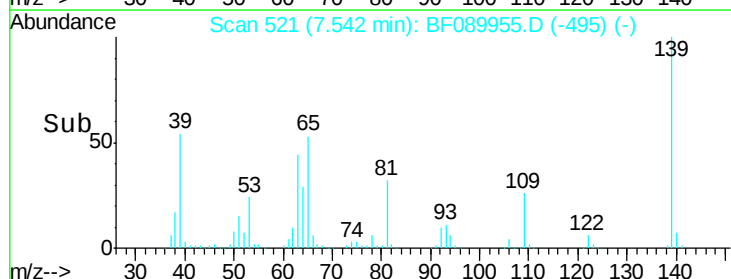
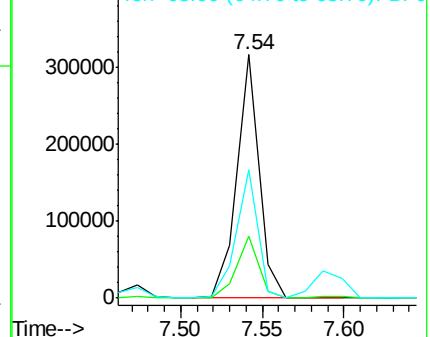
139 100

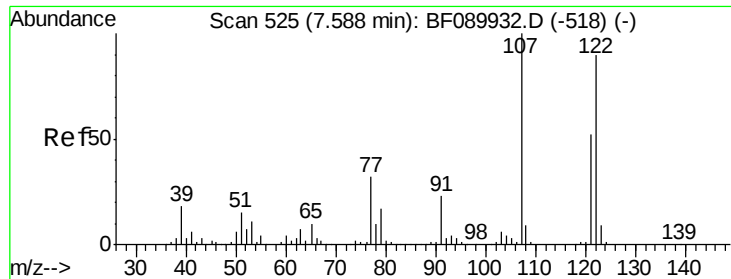
109 25.7 21.0 31.4

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 :

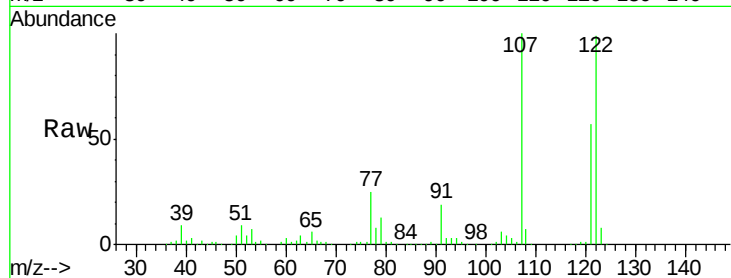
Tot Ion:122 Resp: 556996

Ion Ratio Lower Upper

122 100

107 100.5 88.5 132.7

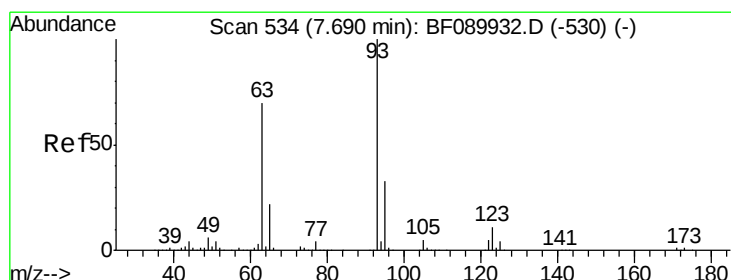
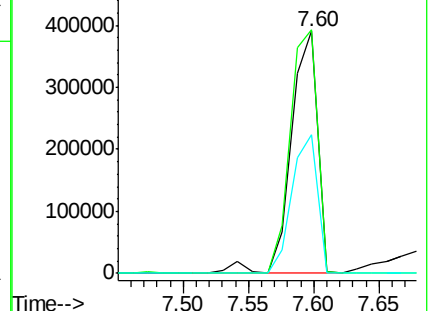
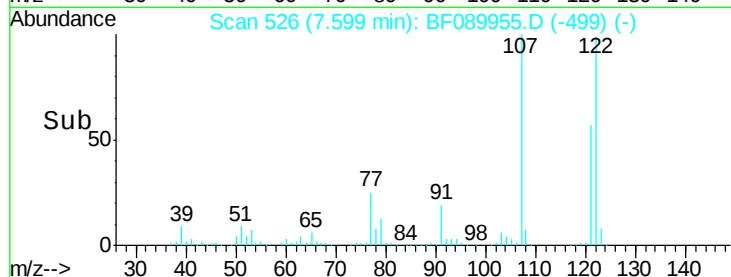
121 57.2 46.0 69.0



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

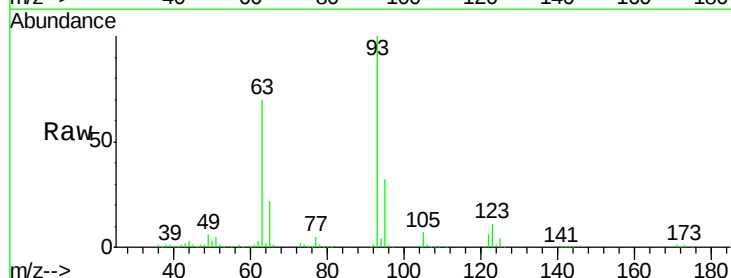
Tgt Ion: 93 Resp: 748486

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

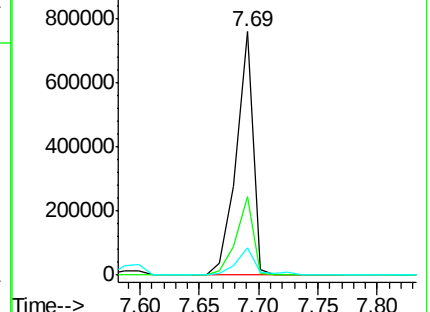
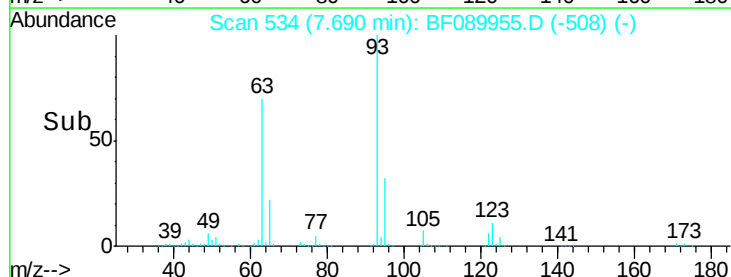
123 11.4 9.1 13.7

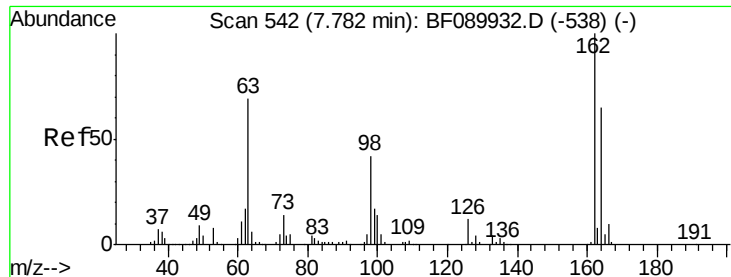


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

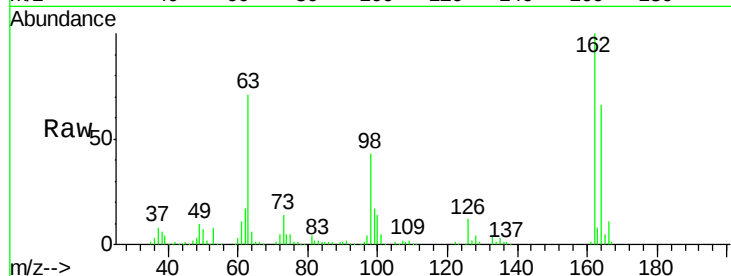




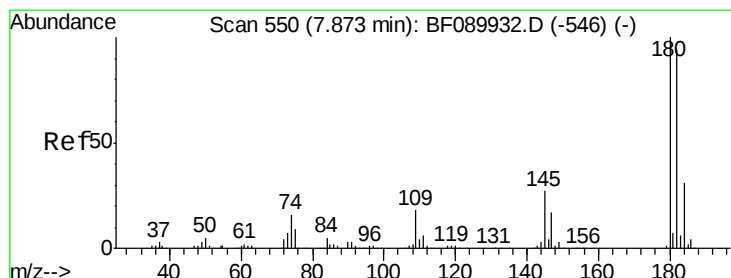
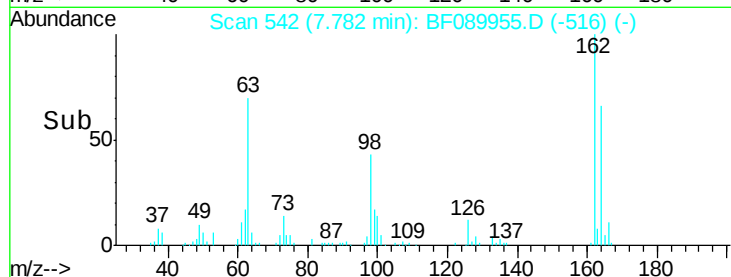
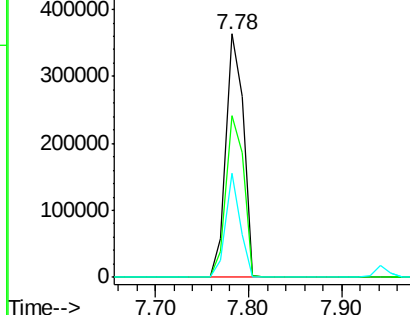
#29
2,4-Dichlorophenol
Concen: 45.57 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.6	86.6
98	42.7	22.0	62.0

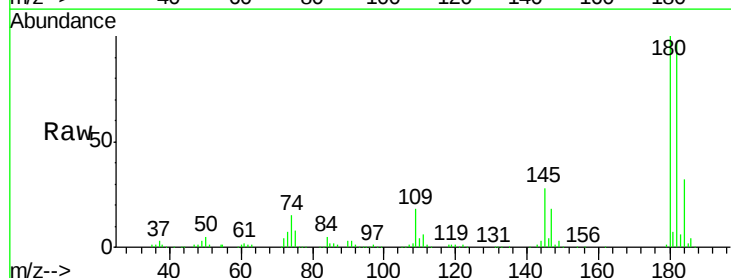


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

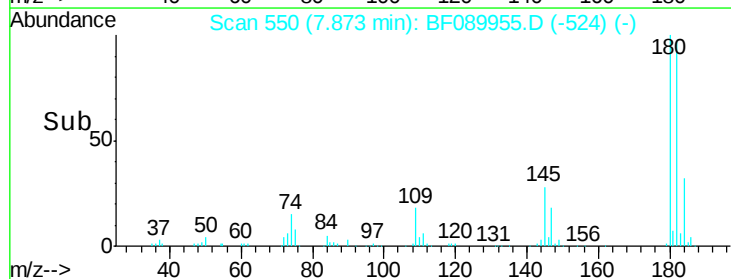
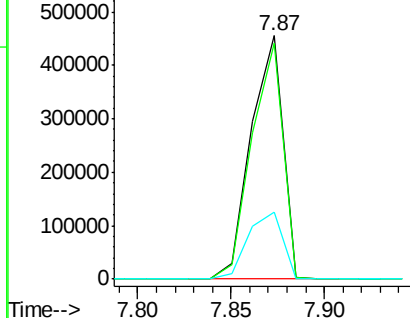


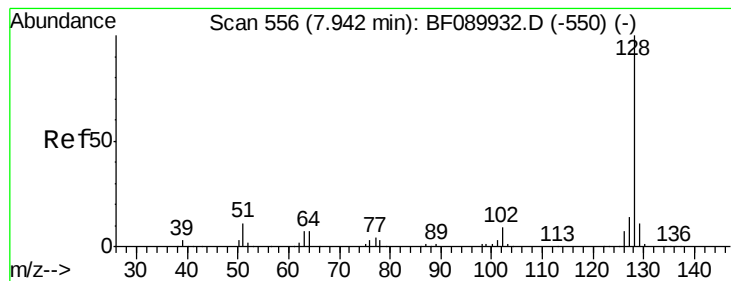
#30
1,2,4-Trichlorobenzene
Concen: 46.72 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	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 :

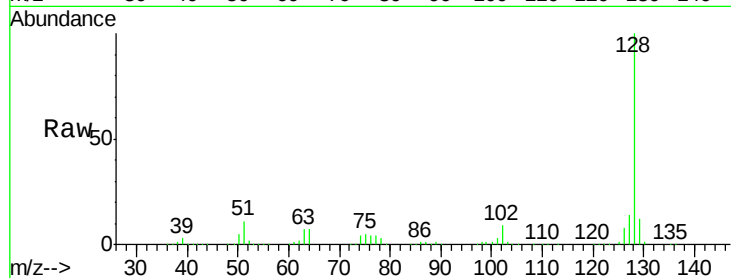
Tot Ion:128 Resp: 1498660

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

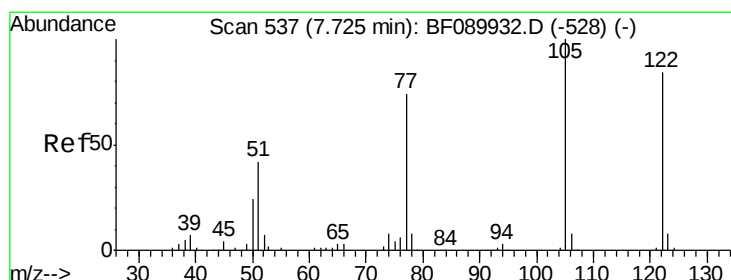
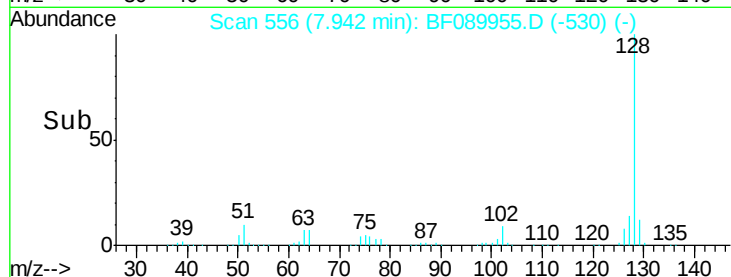
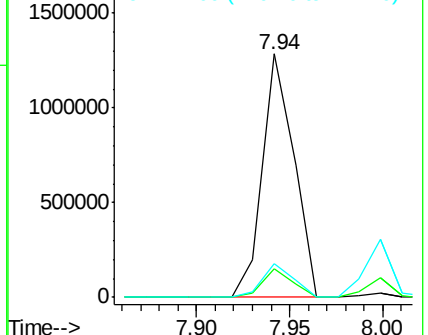
127 13.6 10.7 16.1



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

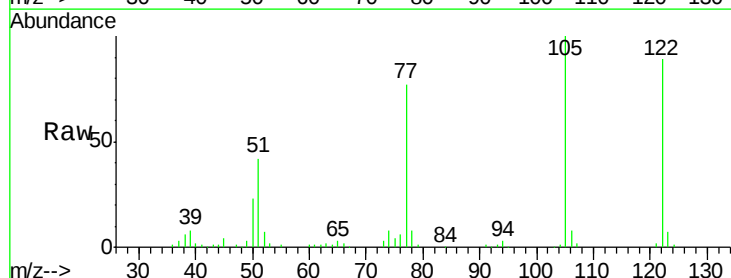
Tgt Ion:122 Resp: 285203

Ion Ratio Lower Upper

122 100

105 112.7 102.2 142.2

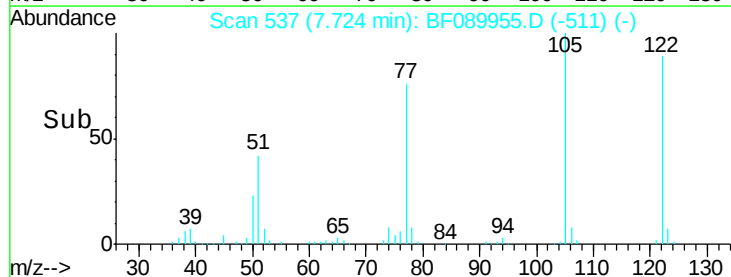
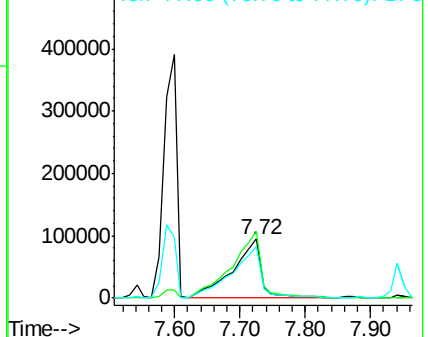
77 86.5 74.1 114.1



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

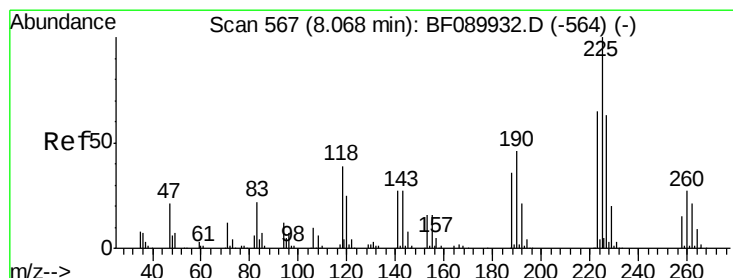
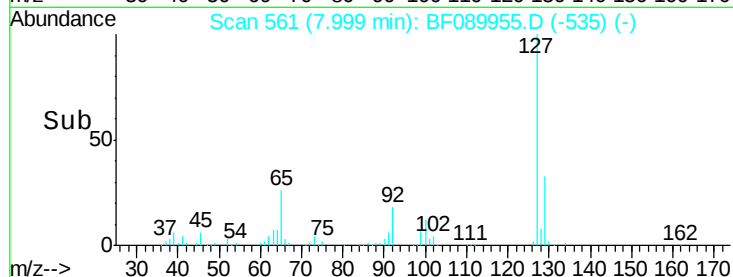
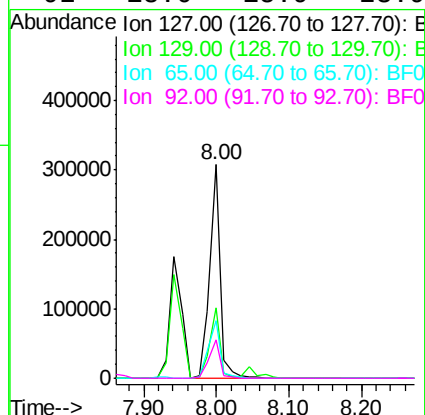
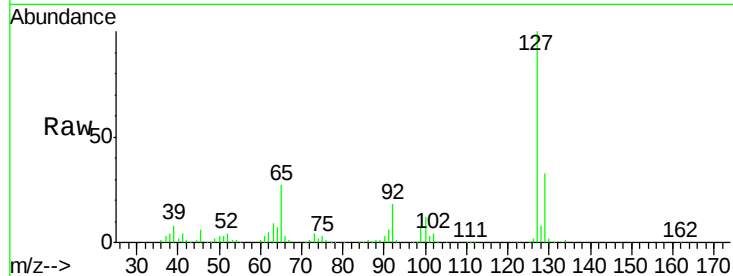




#33
4-Chloroaniline
Concen: 21.45 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

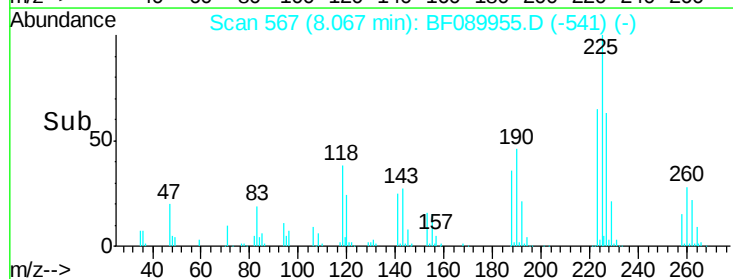
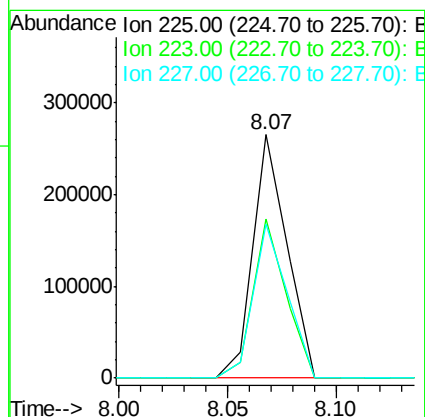
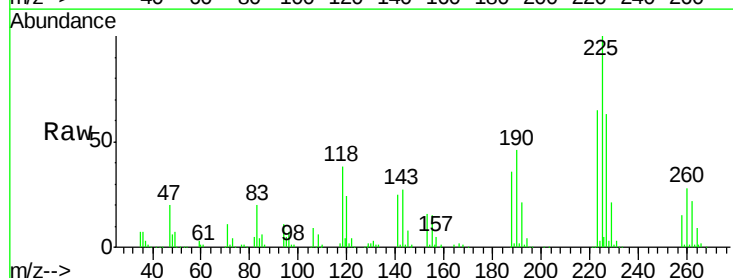
Instrument :
BNA_F
ClientSampled :

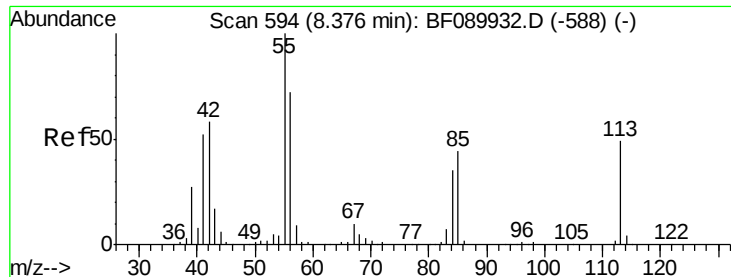
Tot Ion:	127	Resp:	312082
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	27.2	26.0	39.0
92	18.0	15.9	23.9



#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

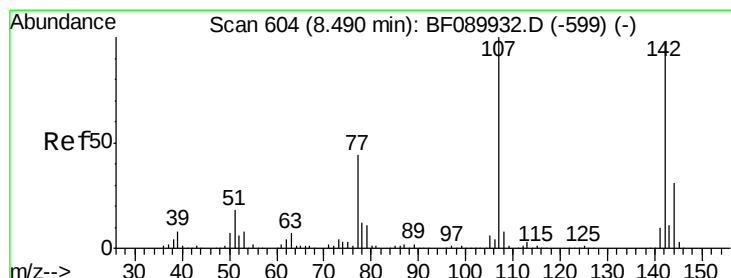
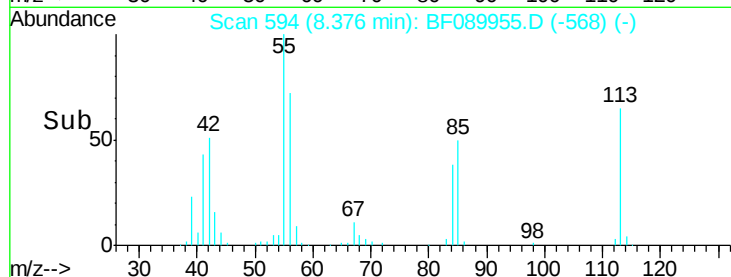
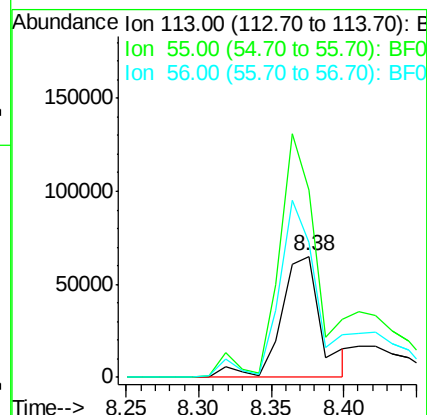
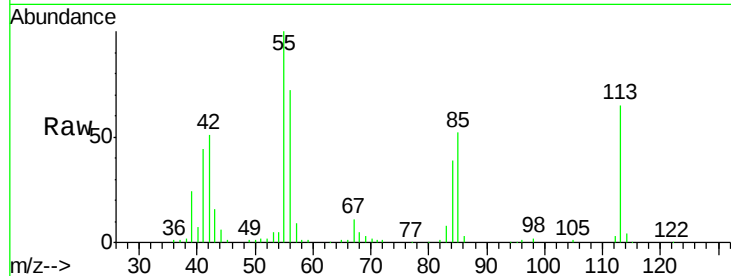




#35
Caprolactam
Concen: 37.26 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

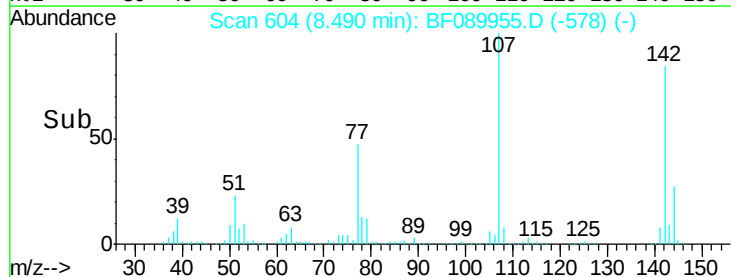
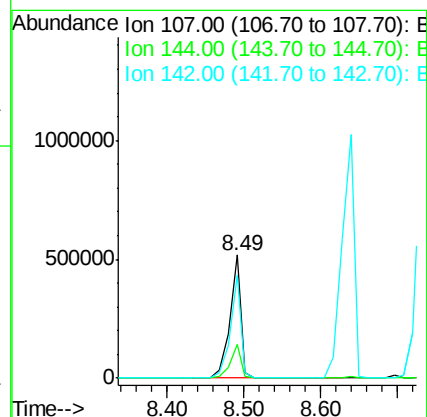
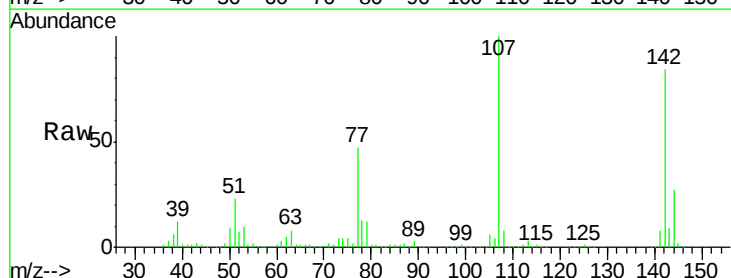
Instrument :
BNA_F
ClientSampled :

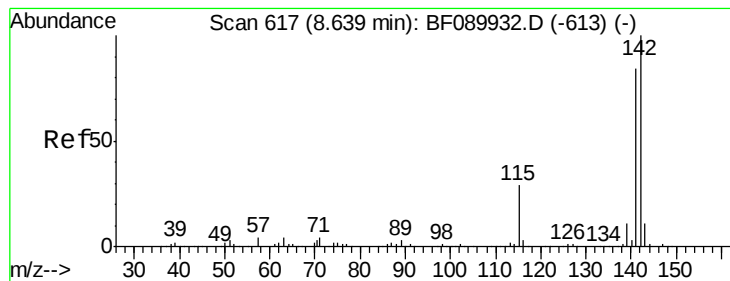
Tot Ion:113 Resp: 123744
Ion Ratio Lower Upper
113 100
55 154.4 178.5 218.5#
56 111.1 122.7 162.7#



#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





#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 :

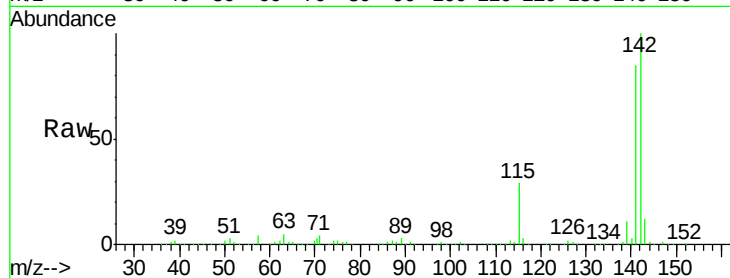
Tot Ion:142 Resp: 1168758

Ion Ratio Lower Upper

142 100

141 85.1 68.3 102.5

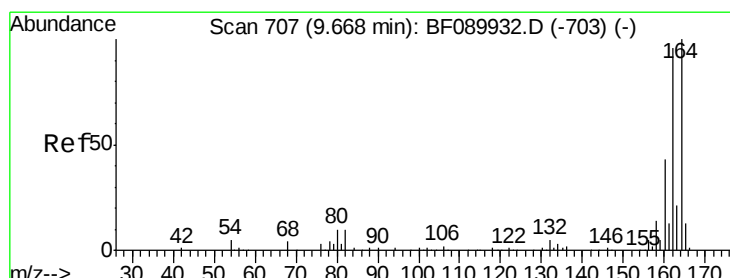
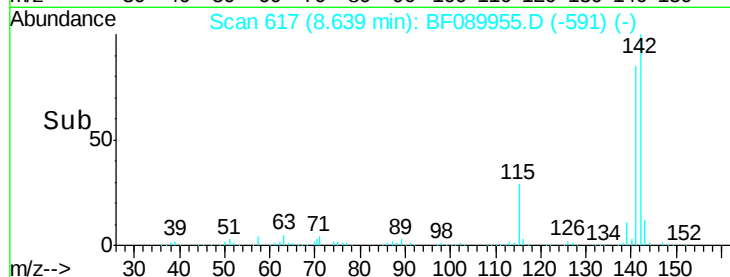
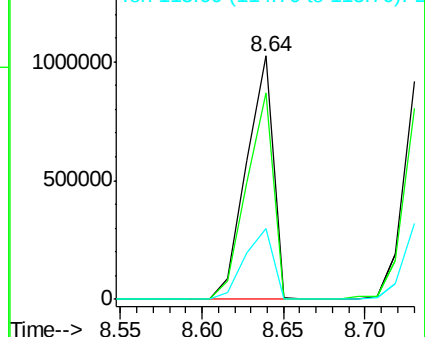
115 29.1 23.8 35.8



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

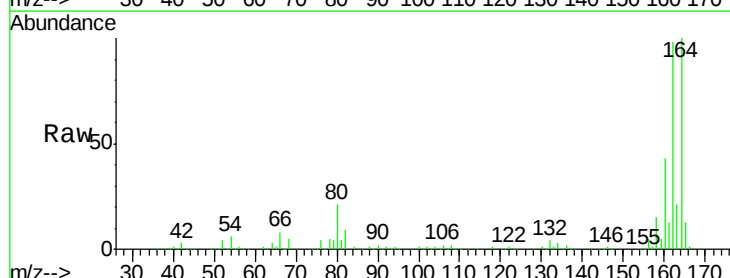
Tgt Ion:164 Resp: 364090

Ion Ratio Lower Upper

164 100

162 98.5 77.1 115.7

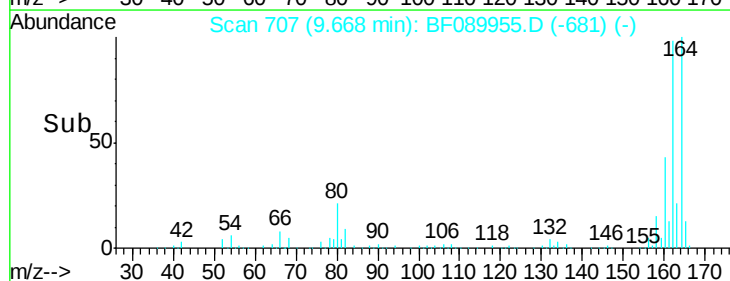
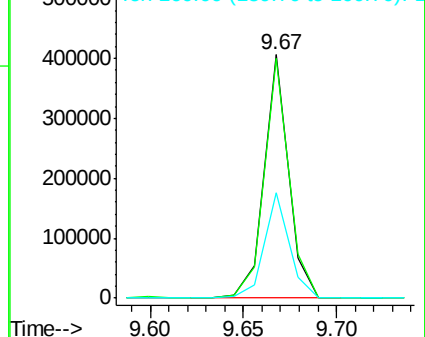
160 43.3 35.3 52.9

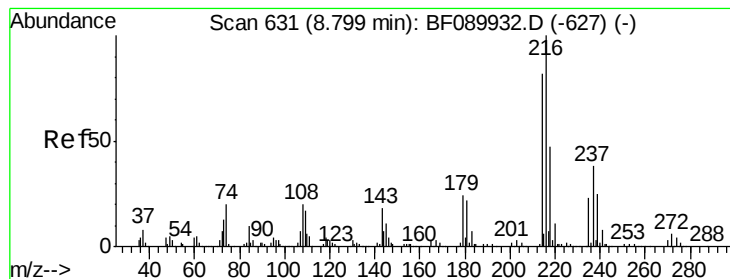


Abundance Ion 164.00 (163.70 to 164.70): E

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 :

Tot Ion:216 Resp: 395008

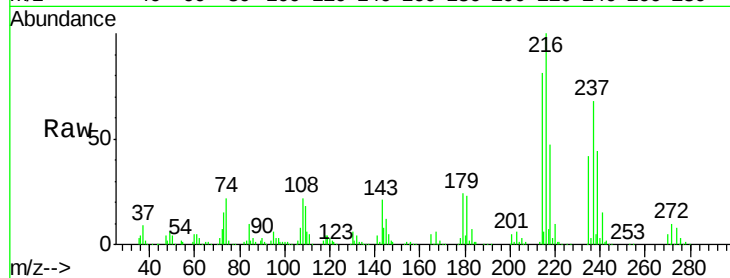
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 21.1 17.3 25.9

108 19.9 15.5 23.3

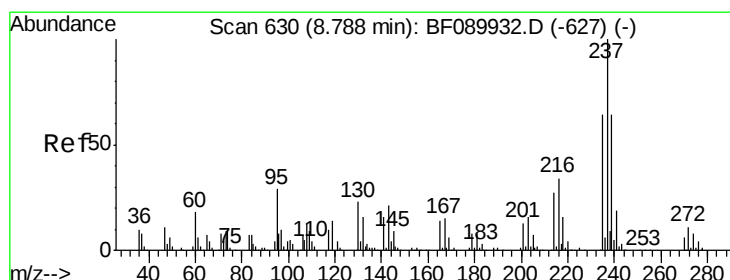
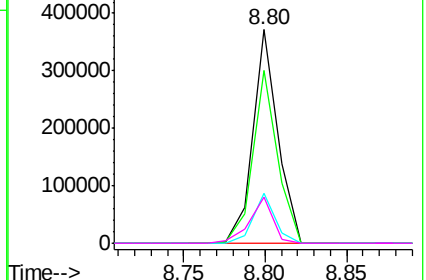
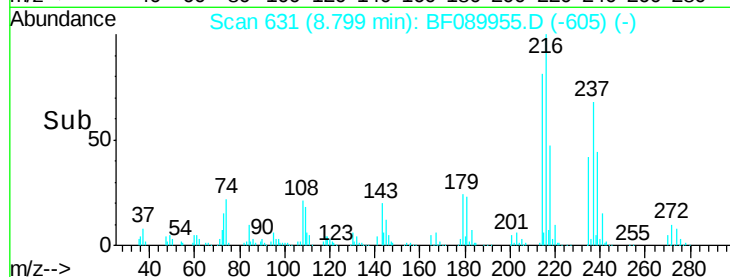


Abundance Ion 216.00 (215.70 to 216.70): E

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

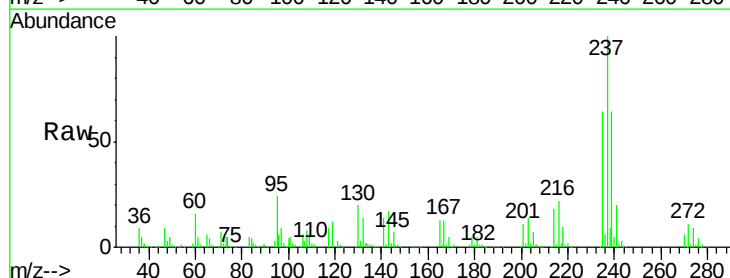
Tgt Ion:237 Resp: 400995

Ion Ratio Lower Upper

237 100

235 64.2 39.6 79.6

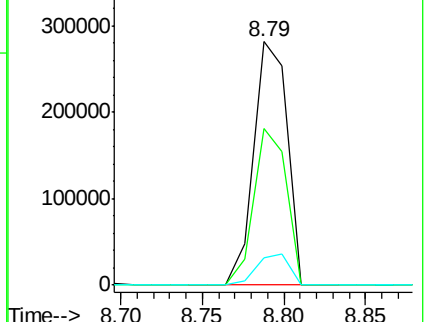
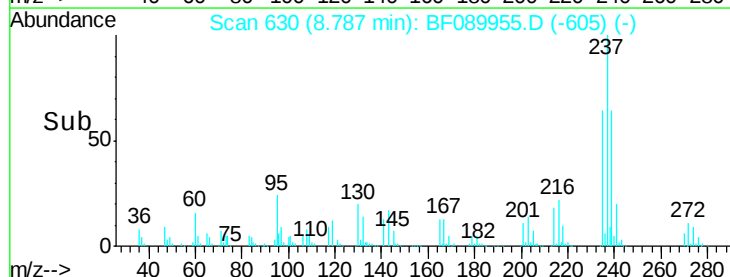
272 11.4 0.0 34.6

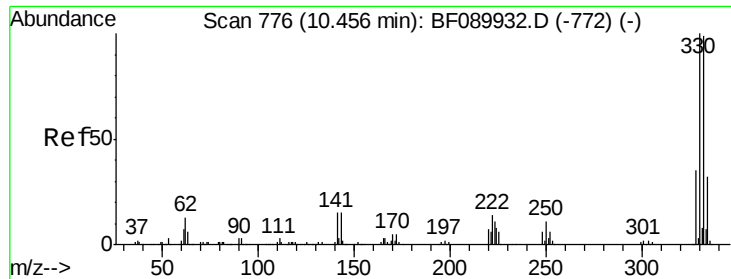


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

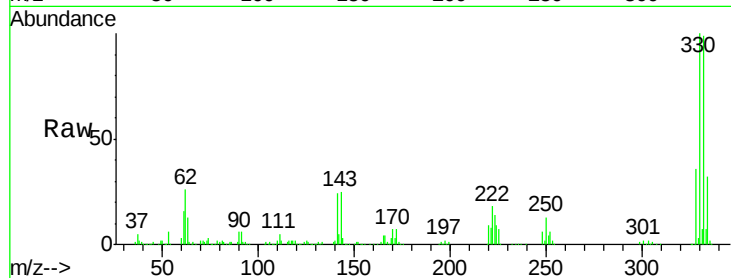




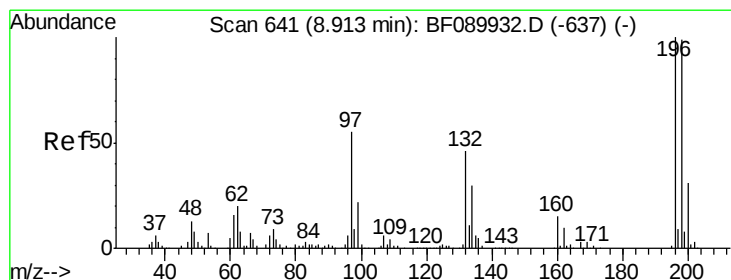
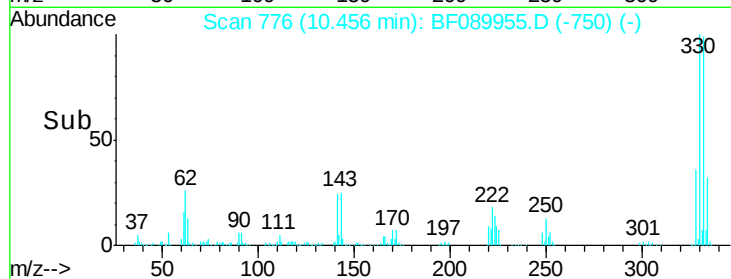
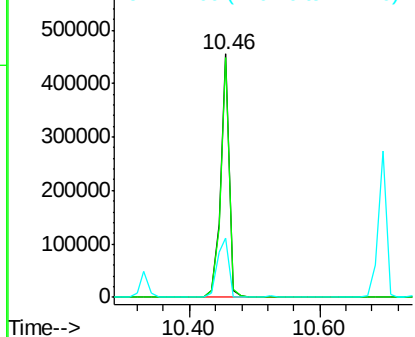
#41
 2,4,6-Tribromophenol
 Concen: 120.15 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 431596
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 33.2 23.3 34.9

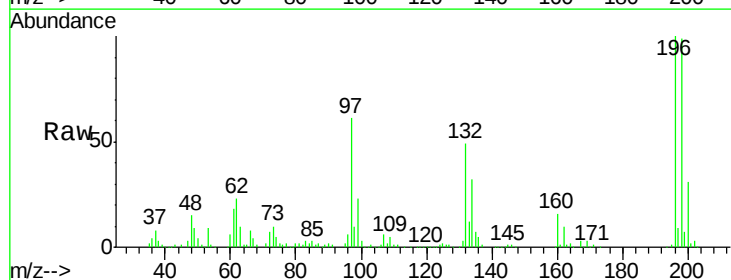


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

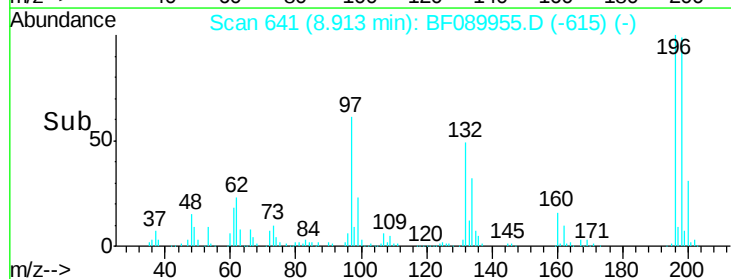
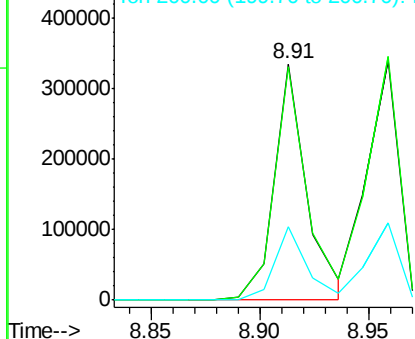


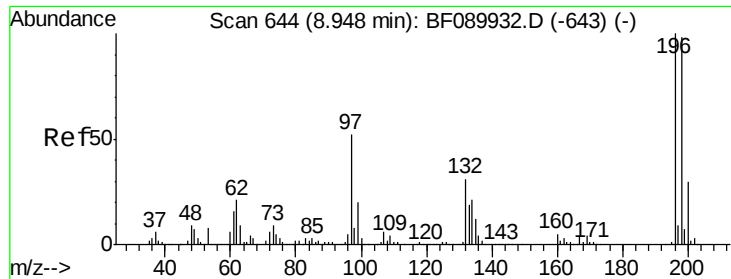
#42
 2,4,6-Trichlorophenol
 Concen: 47.61 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:196 Resp: 351890
 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

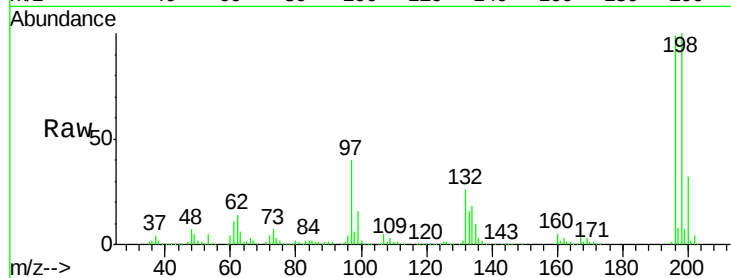




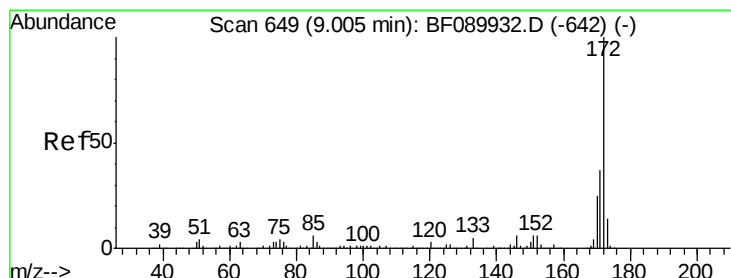
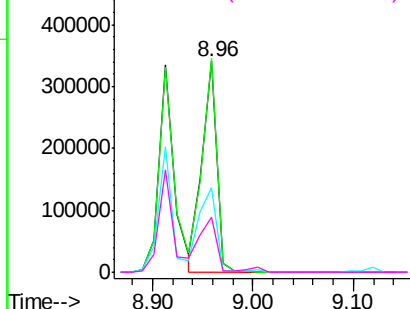
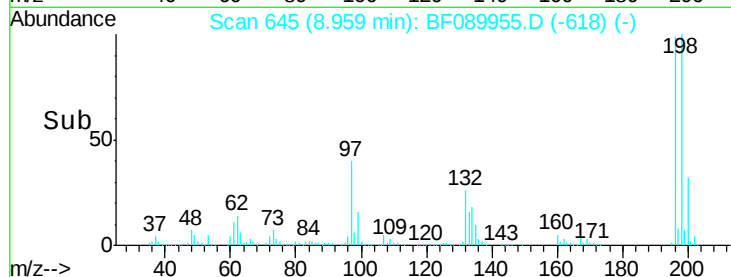
#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :

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

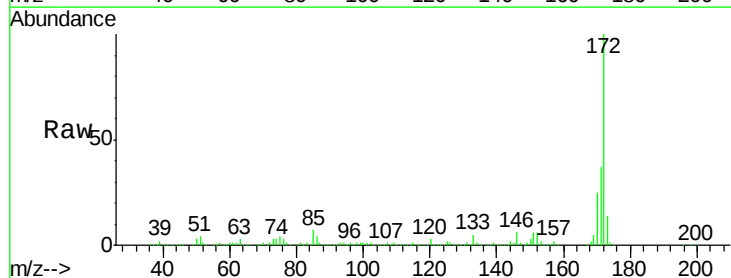


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

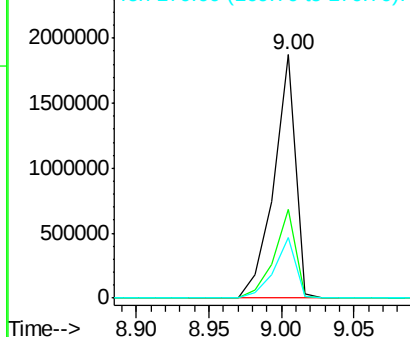
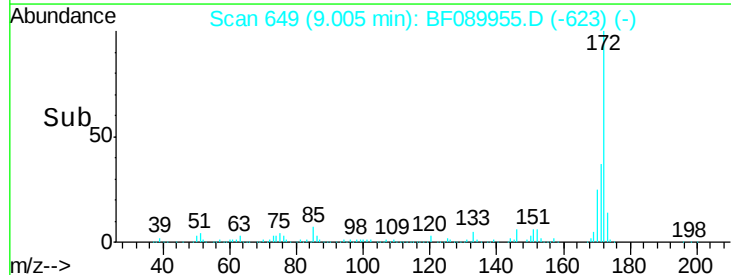


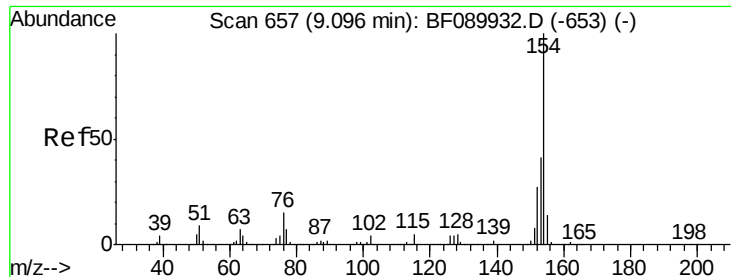
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

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

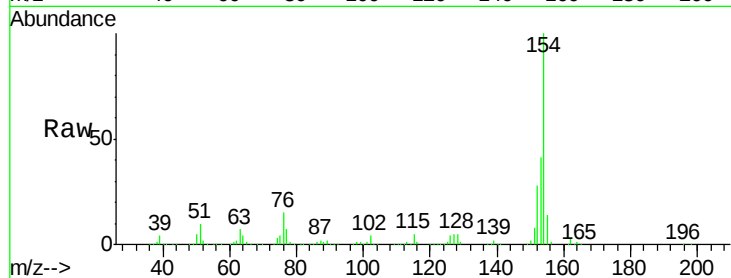




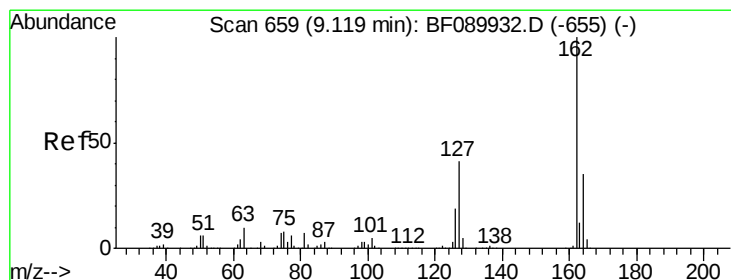
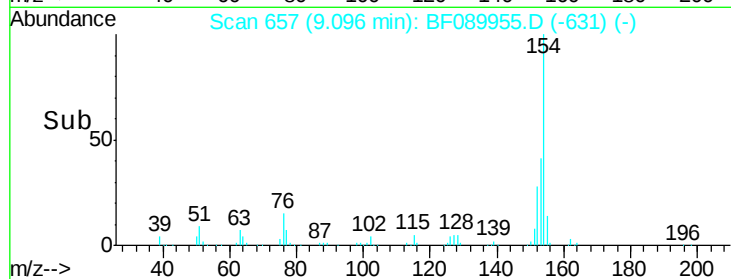
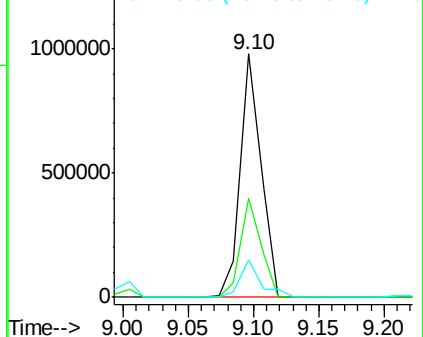
#45
 1,1'-Biphenyl
 Concen: 36.78 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleID :

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

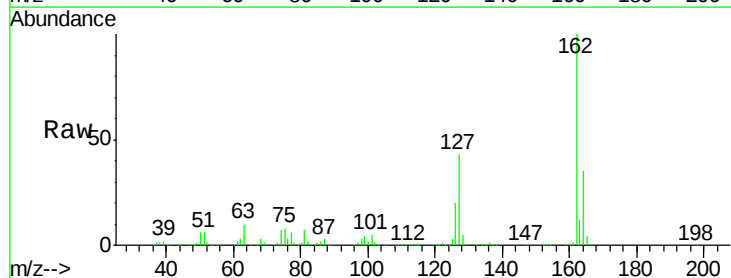


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

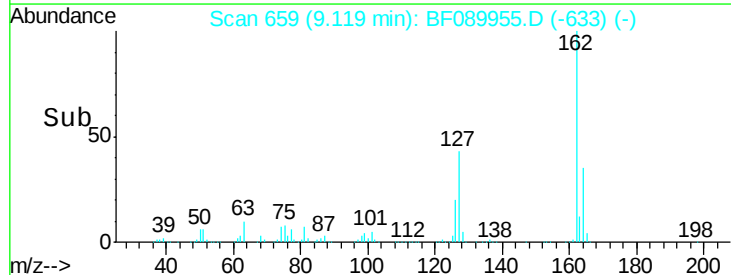
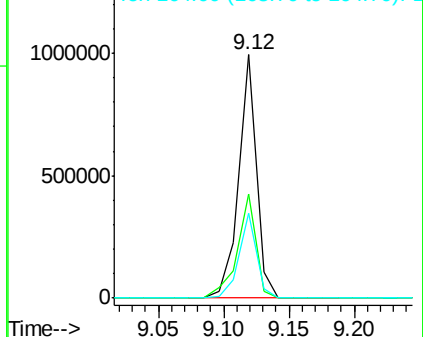


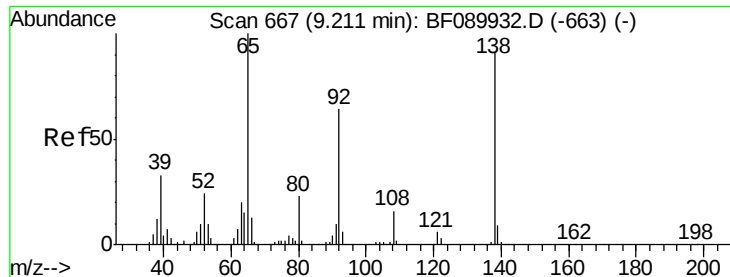
#46
 2-Chloronaphthalene
 Concen: 44.82 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

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 :

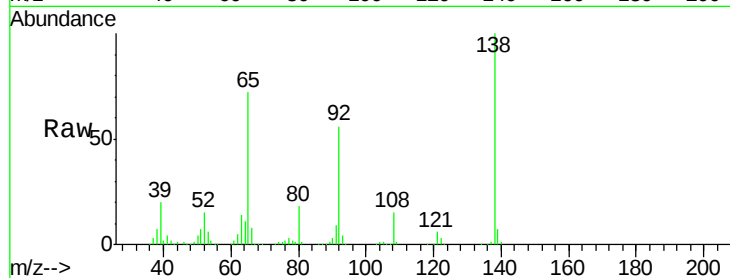
Tot Ion: 65 Resp: 353501

Ion Ratio Lower Upper

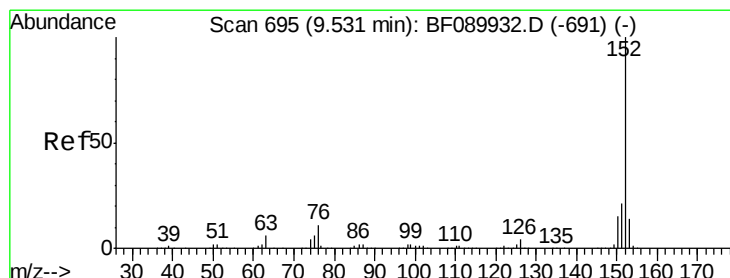
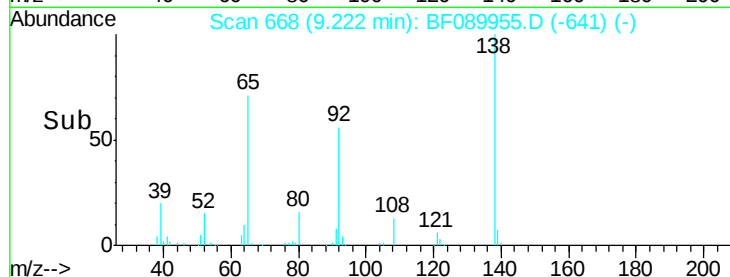
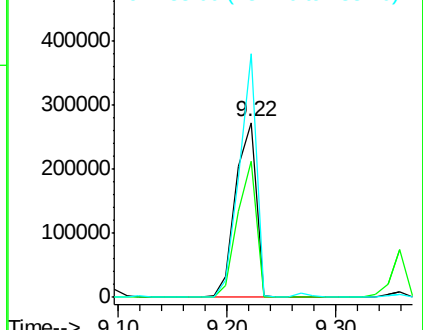
65 100

92 77.6 52.0 78.0

138 139.2 72.1 108.1#



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



#48

Acenaphthylene

Concen: 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

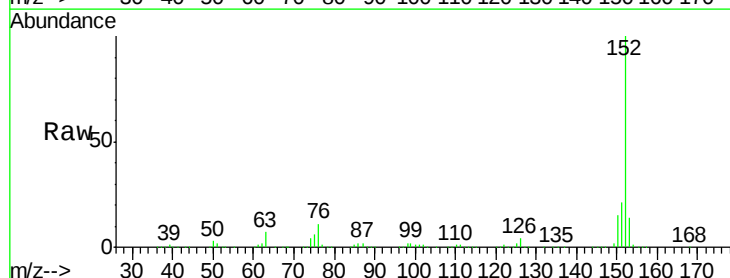
Tgt Ion:152 Resp: 1480925

Ion Ratio Lower Upper

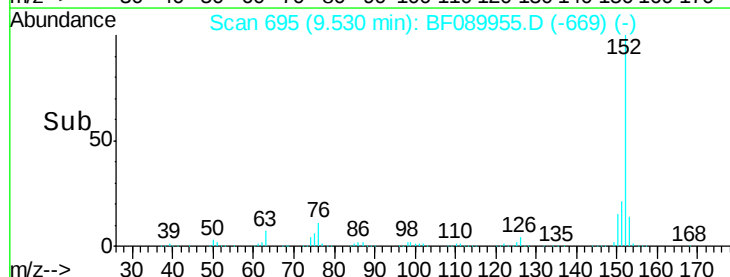
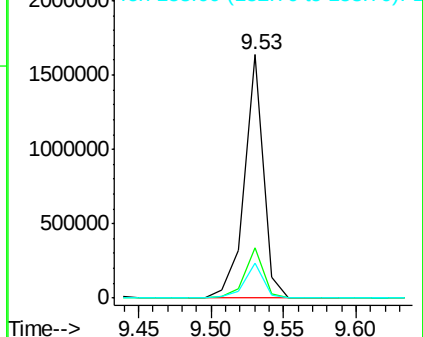
152 100

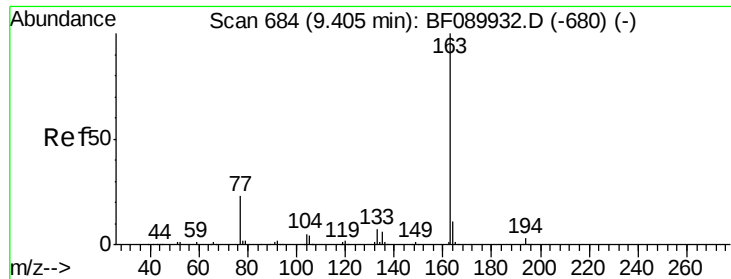
151 20.8 16.7 25.1

153 14.5 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

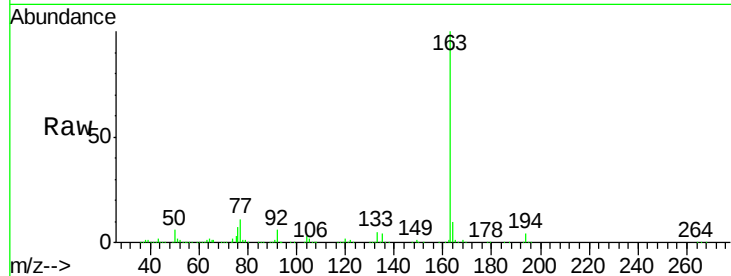




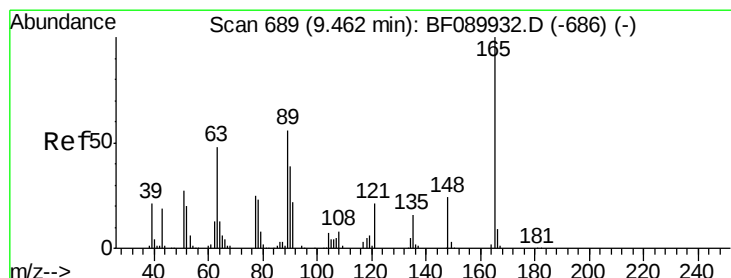
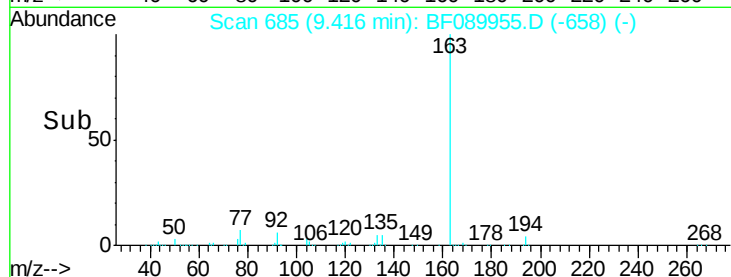
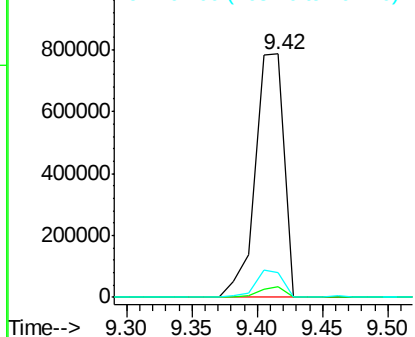
#49
Dimethylphthalate
Concen: 45.94 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampled :

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

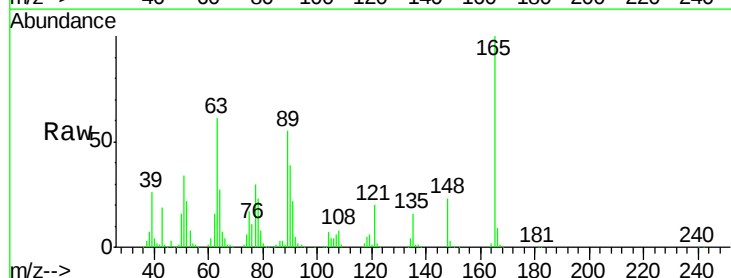


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

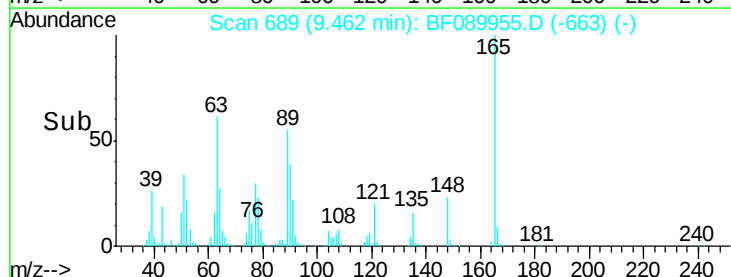
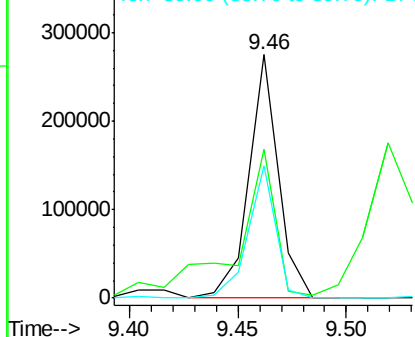


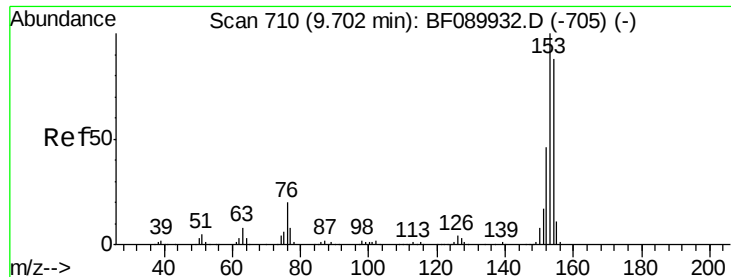
#50
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

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 :

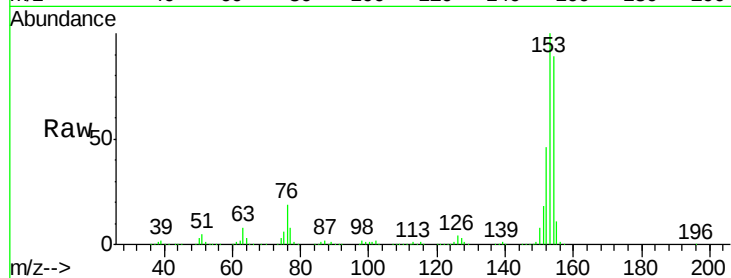
Tot Ion:154 Resp: 1018218

Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

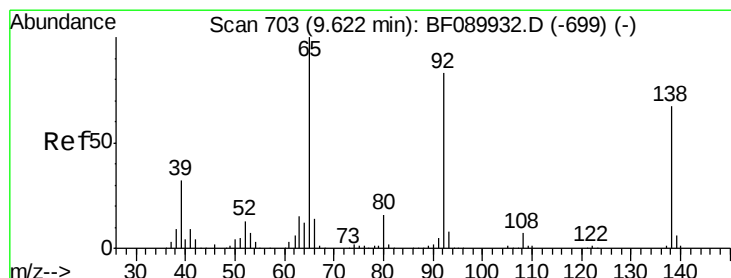
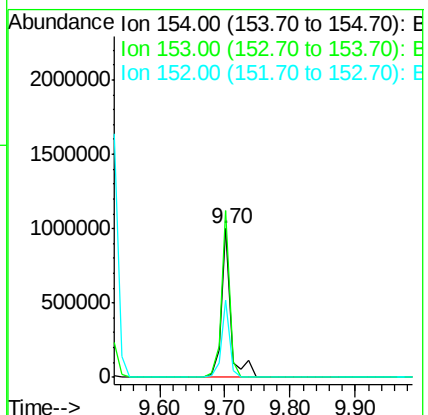
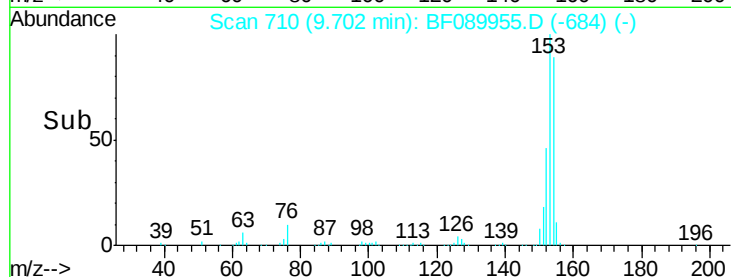
152 52.2 42.4 63.6



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

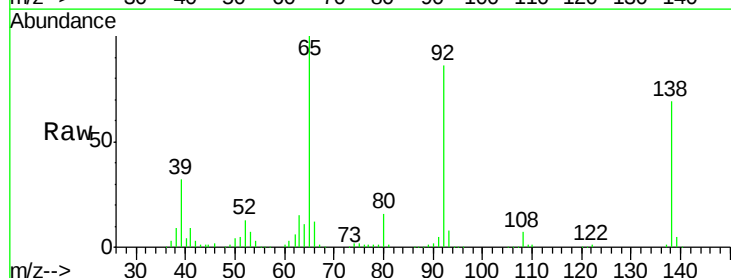
Tgt Ion:138 Resp: 177787

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

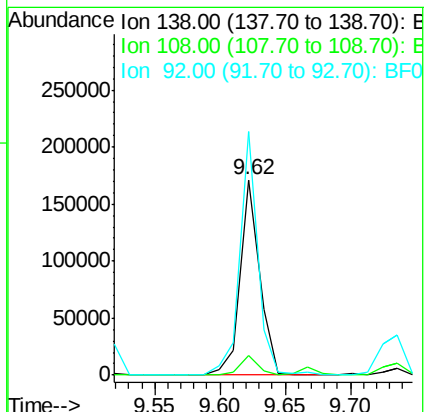
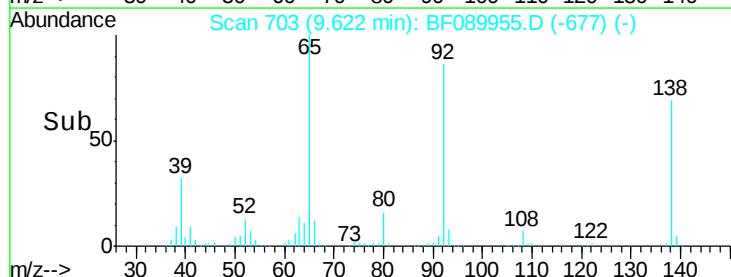
92 124.7 99.1 148.7

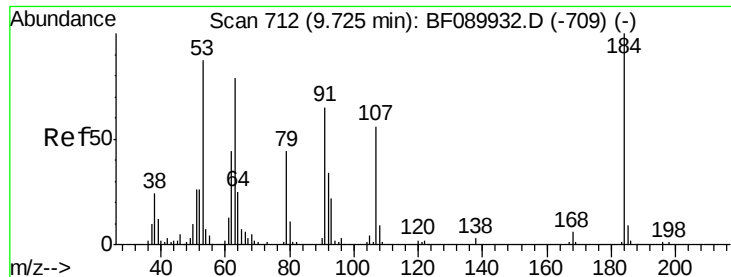


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

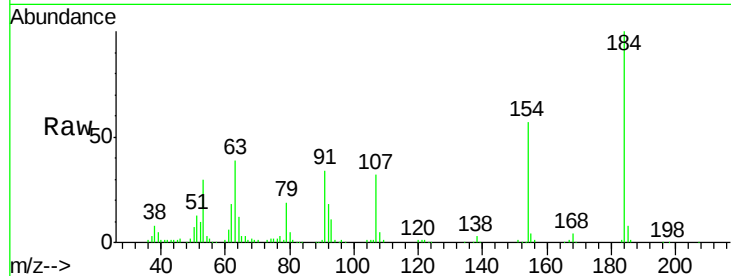




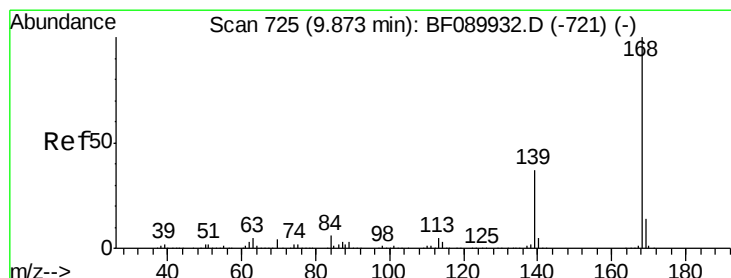
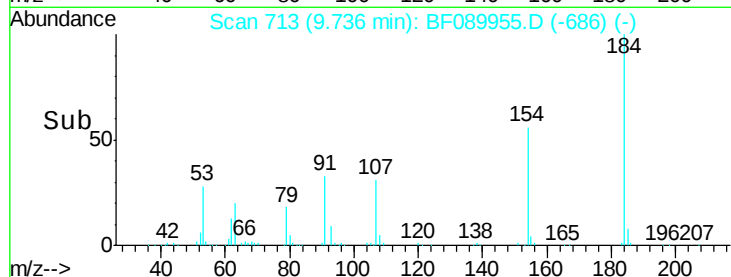
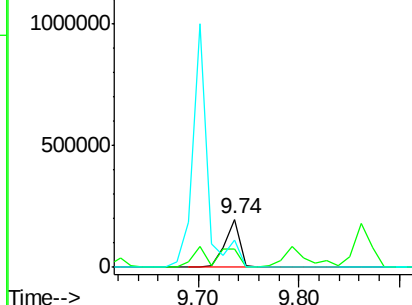
#53
2,4-Dinitrophenol
Concen: 58.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleID :

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

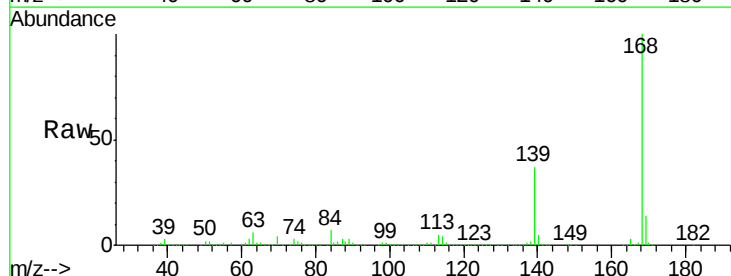


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

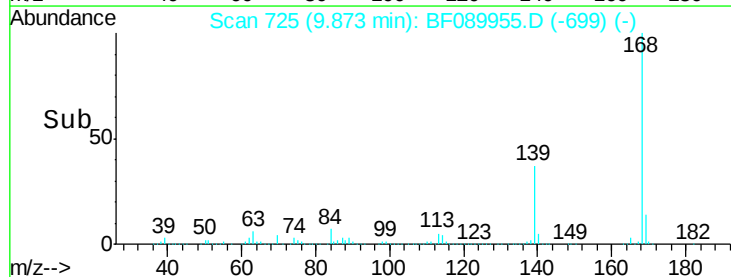
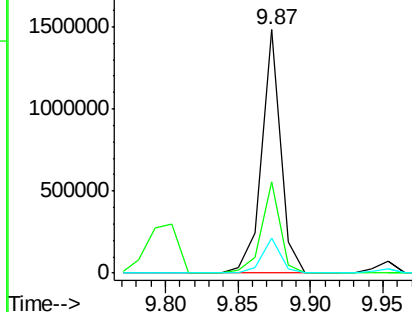


#54
Dibenzofuran
Concen: 46.14 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

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

ClientSampled :

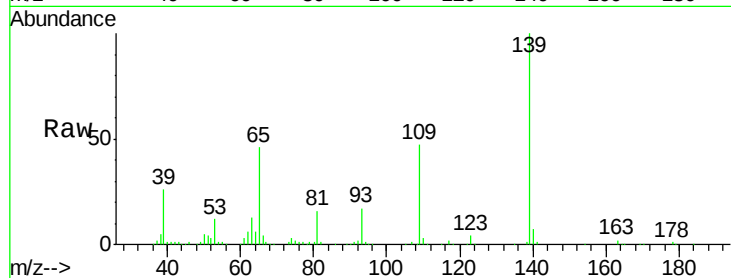
Tot Ion:139 Resp: 465188

Ion Ratio Lower Upper

139 100

109 47.0 31.3 71.3

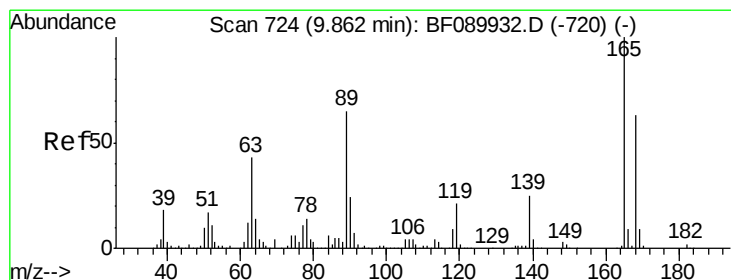
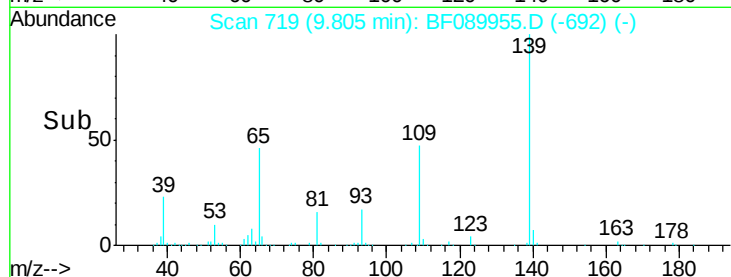
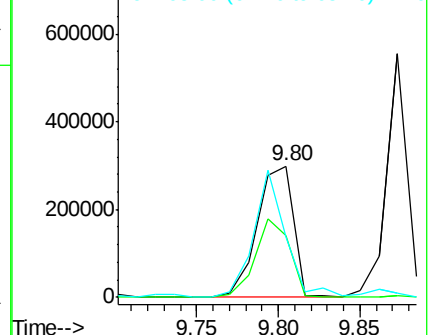
65 46.5 38.5 78.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 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:165 Resp: 321426

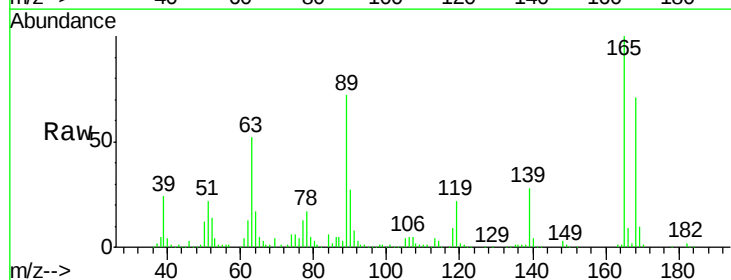
Ion Ratio Lower Upper

165 100

63 51.5 32.5 48.7#

89 71.8 48.3 72.5

182 2.3 1.7 2.5

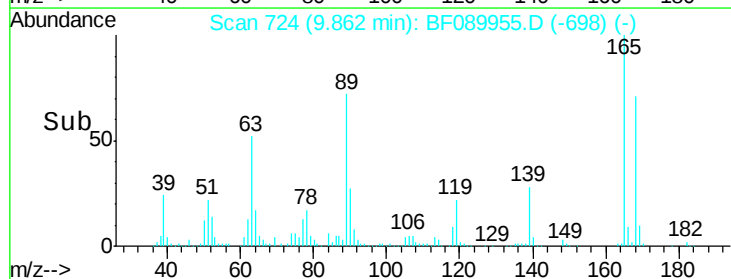
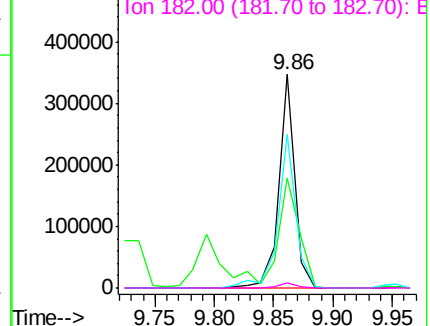


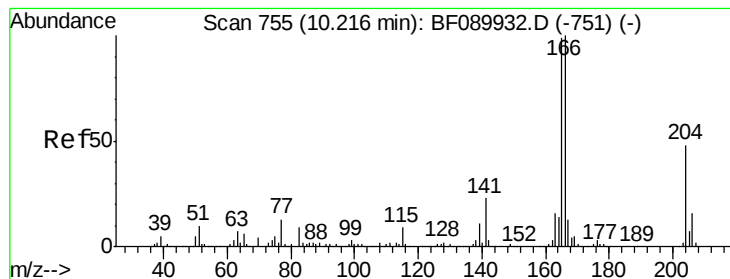
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 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 :

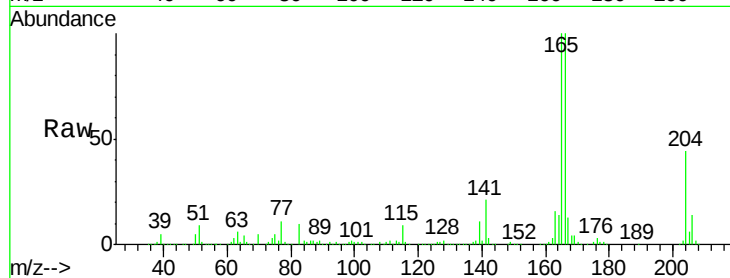
Tot Ion:166 Resp: 1030394

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

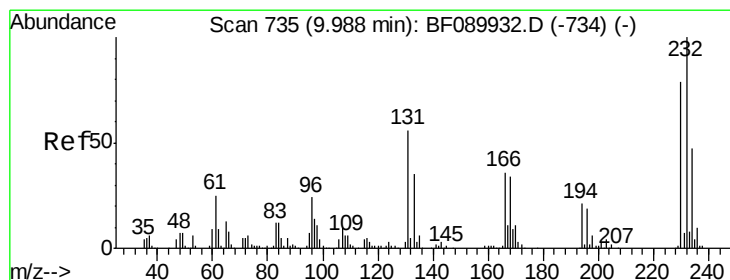
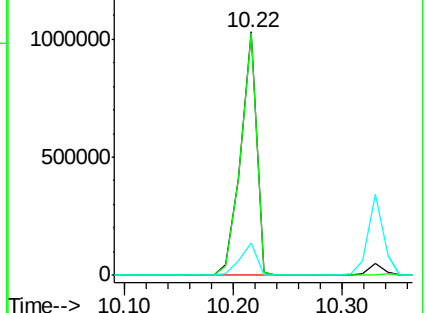
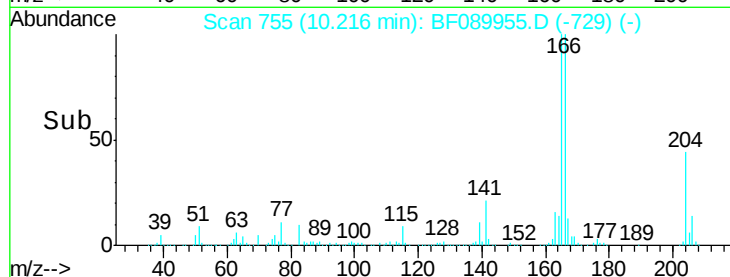
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.37 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

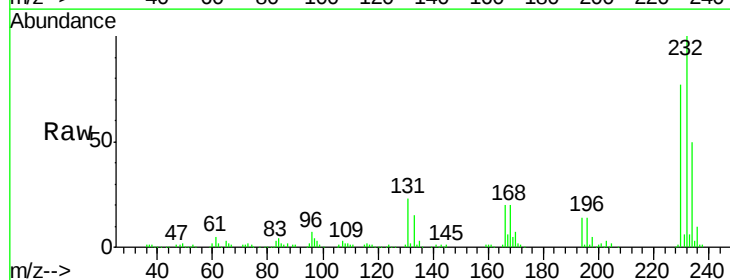
Ion Ratio Lower Upper

232 100

131 42.1 36.3 54.5

130 1.9 1.7 2.5

166 29.2 24.4 36.6

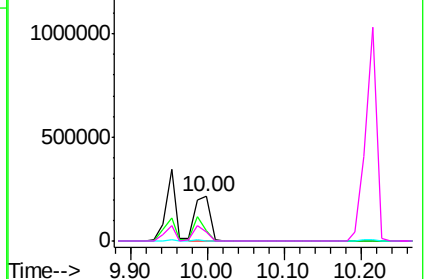
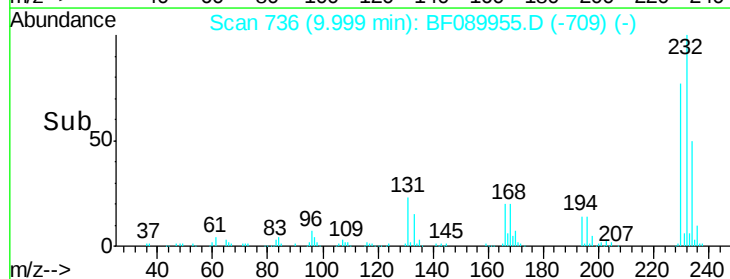


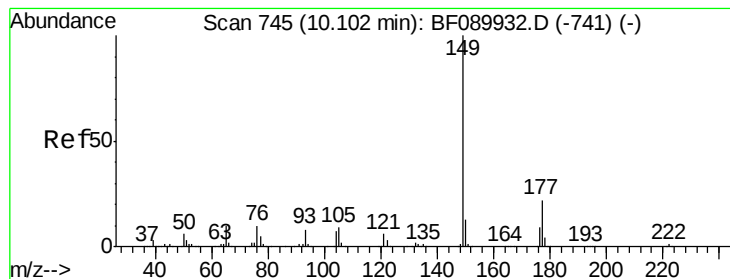
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.79 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 :

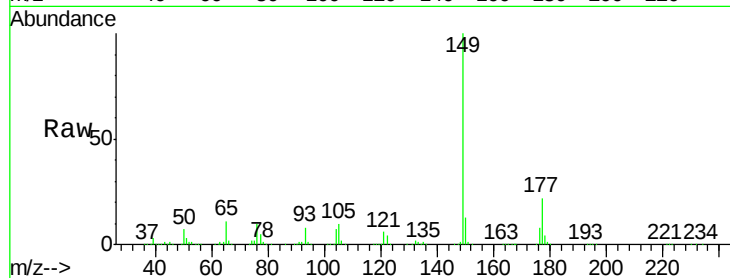
Tot Ion:149 Resp: 1158370

Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

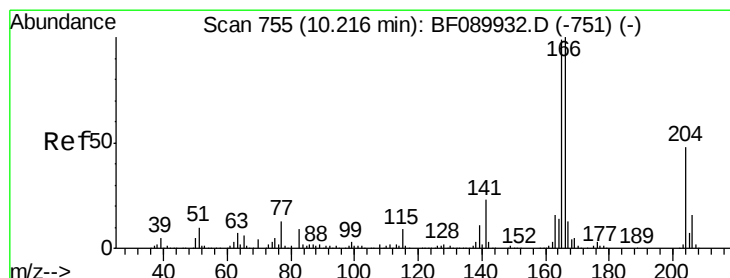
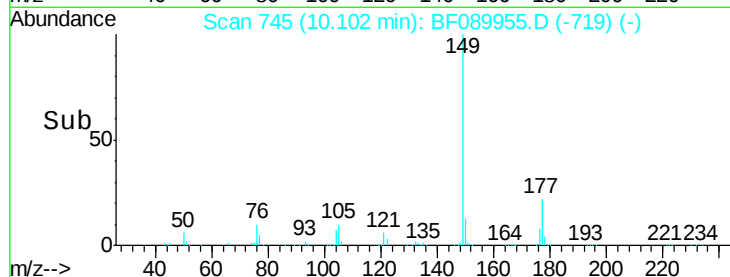
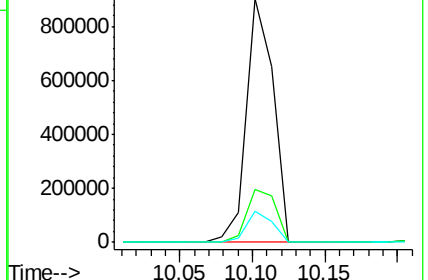
150 12.9 10.2 15.2



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

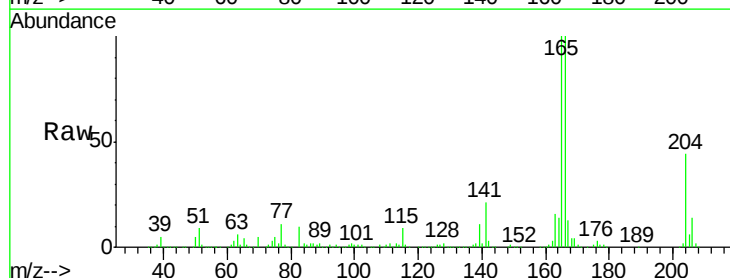
Tgt Ion:204 Resp: 475306

Ion Ratio Lower Upper

204 100

206 32.5 26.6 40.0

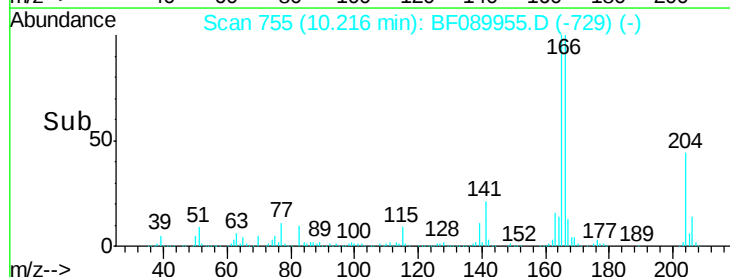
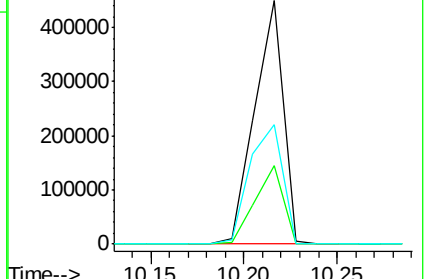
141 48.9 36.5 54.7



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 :

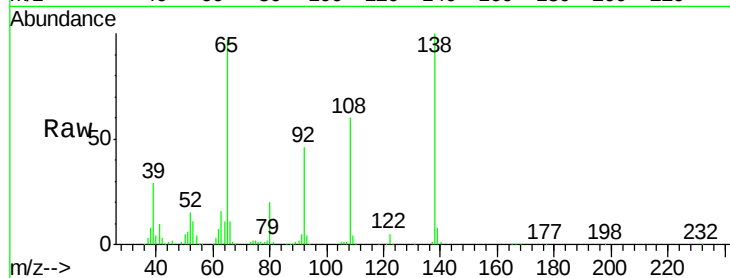
Tot Ion:138 Resp: 288842

Ion Ratio Lower Upper

138 100

92 45.8 21.2 61.2

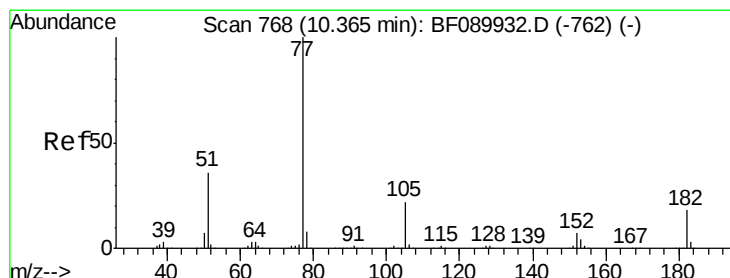
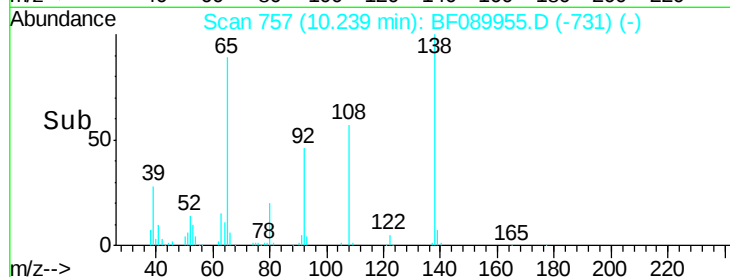
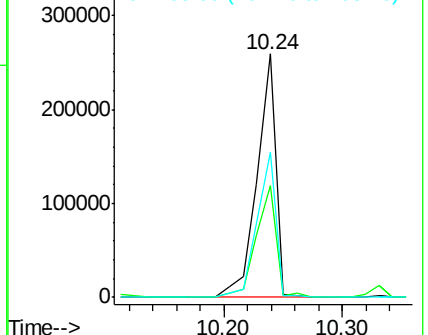
108 59.6 37.7 77.7



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

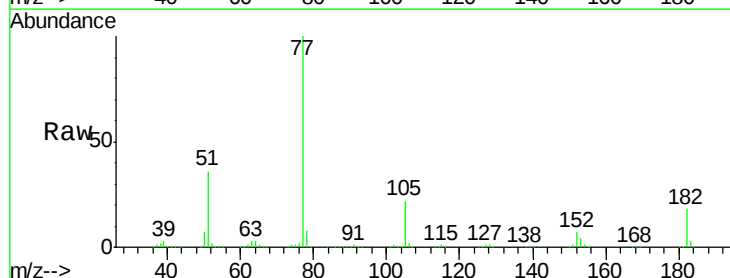
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.6

105 22.2 2.3 42.3

51 35.7 15.1 55.1

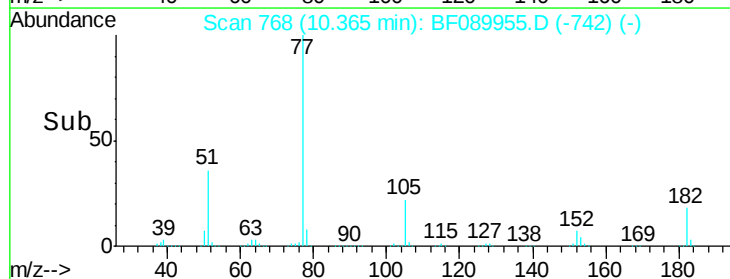
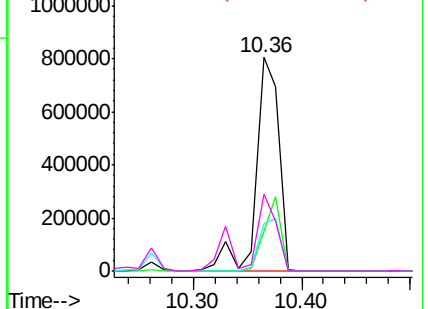


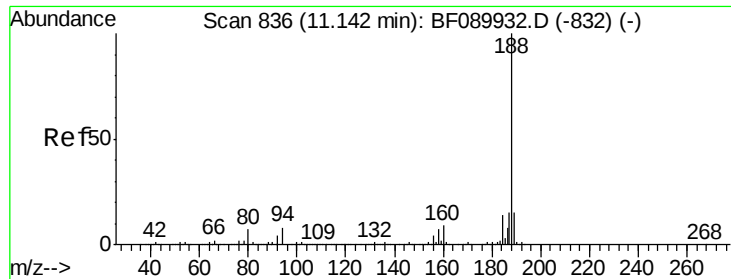
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

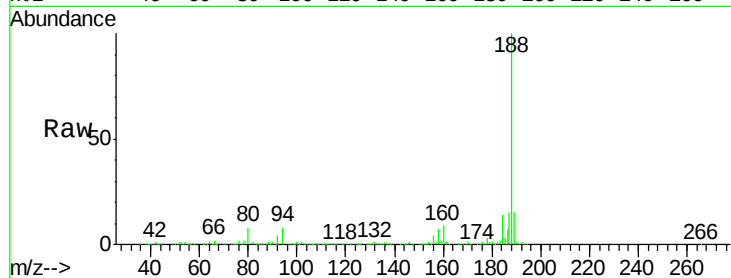




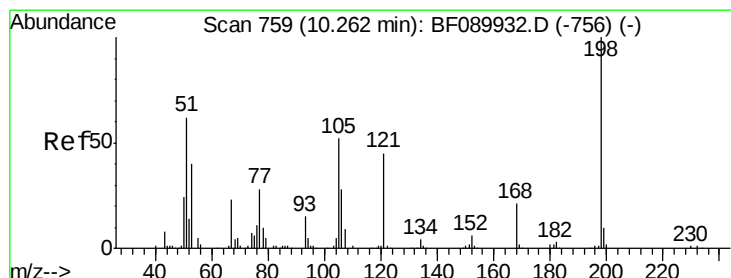
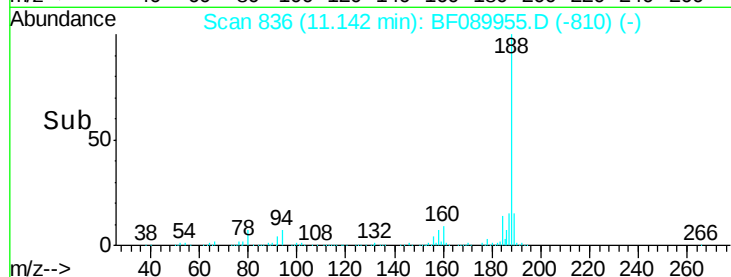
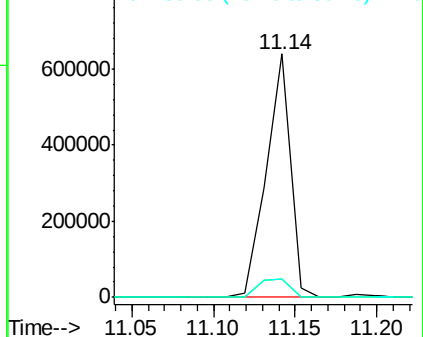
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :

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

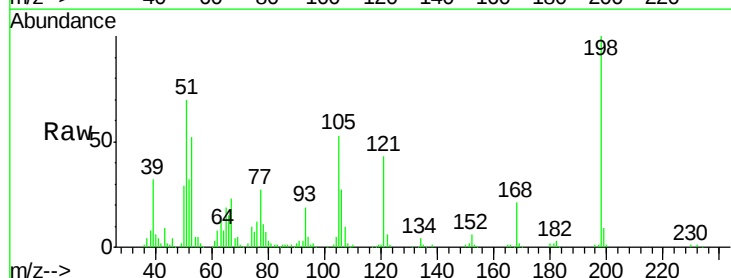


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

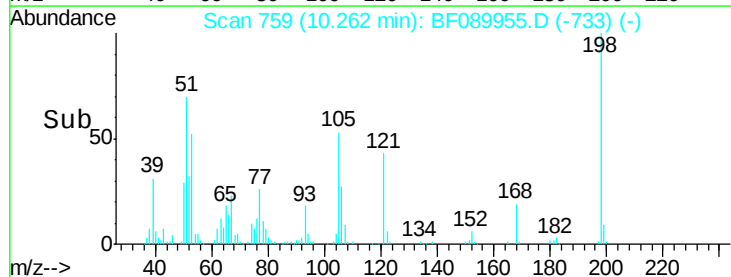
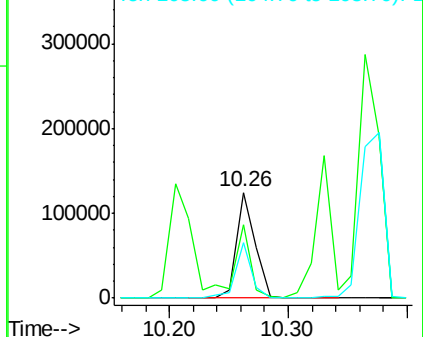


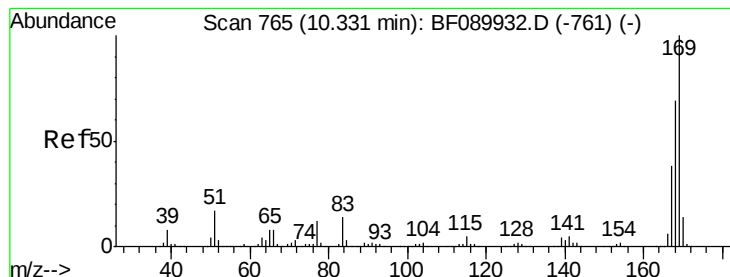
#64
4,6-Dinitro-2-methylphenol
Concen: 32.19 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

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

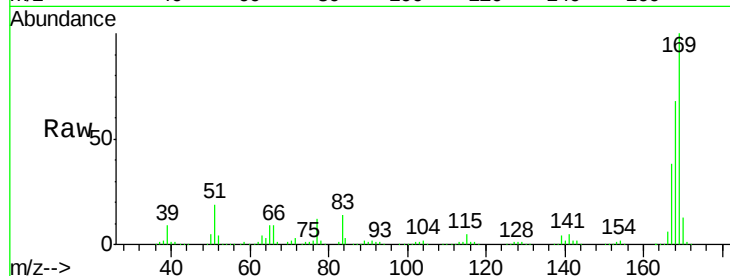




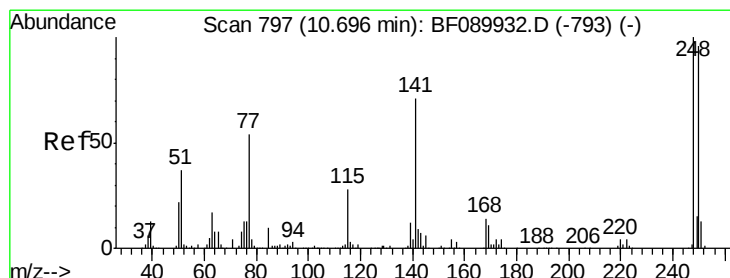
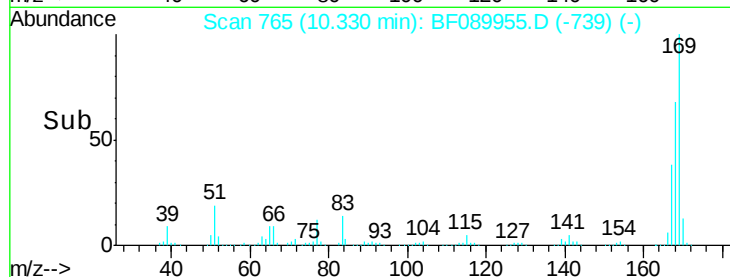
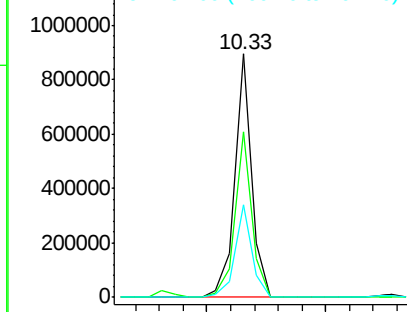
#65
 n-Nitrosodiphenylamine
 Concen: 44.29 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampled :

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

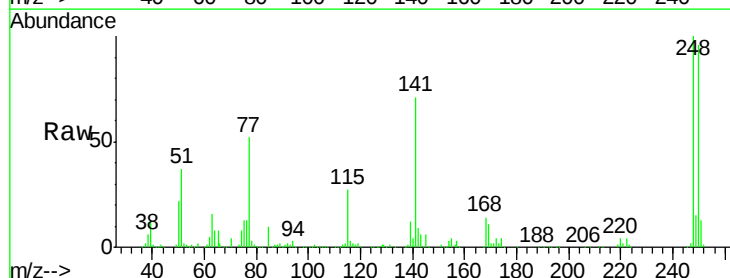


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

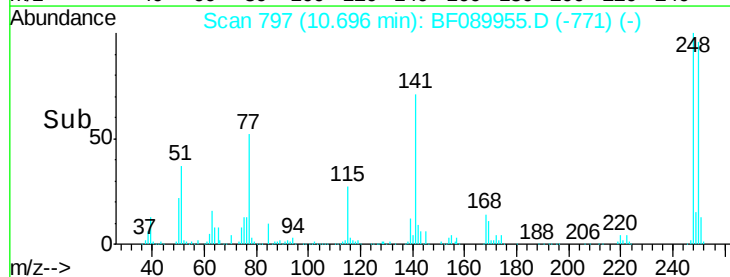
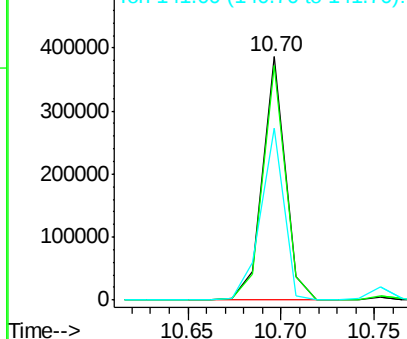


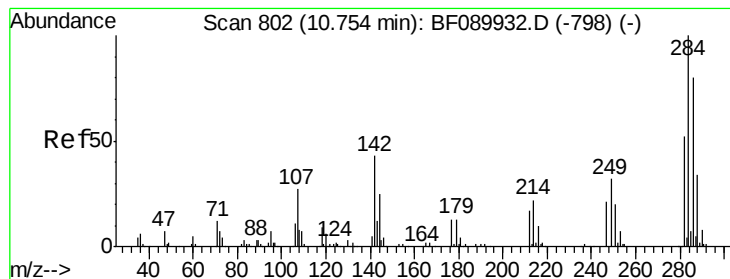
#66
 4-Bromophenyl-phenylether
 Concen: 48.62 ng
 RT: 10.70 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	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 :

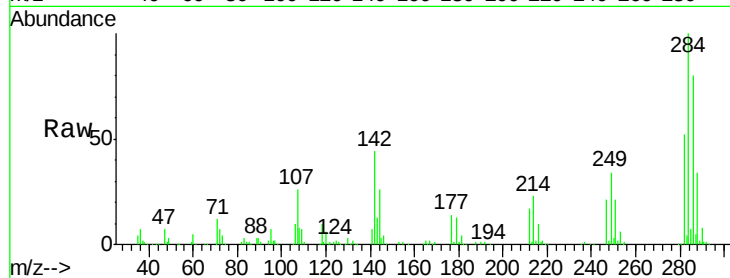
Tot Ion:284 Resp: 324544

Ion Ratio Lower Upper

284 100

142 43.6 32.7 49.1

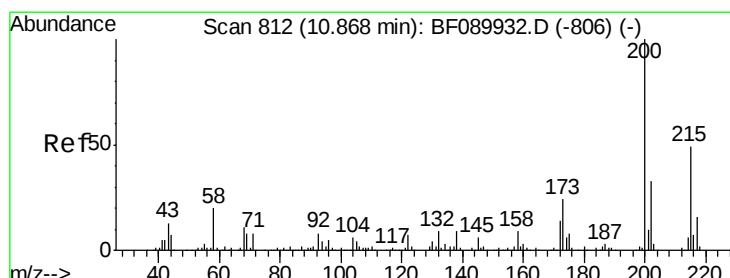
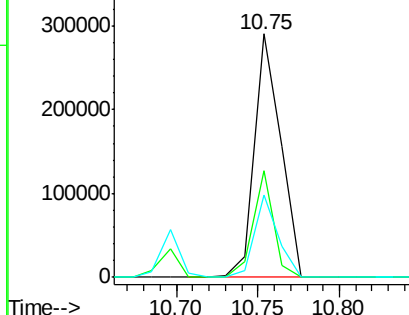
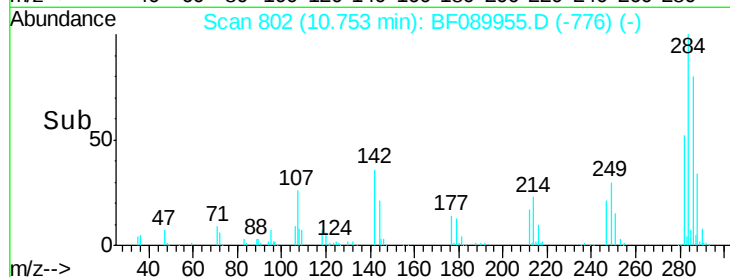
249 33.9 26.9 40.3



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

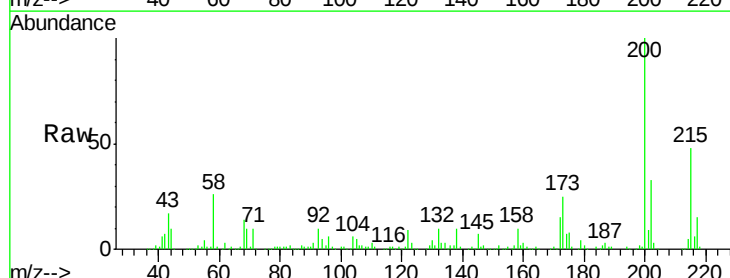
Tgt Ion:200 Resp: 352702

Ion Ratio Lower Upper

200 100

173 24.8 9.4 49.4

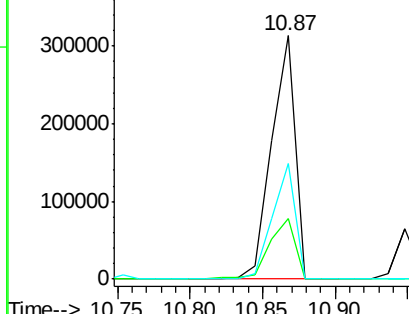
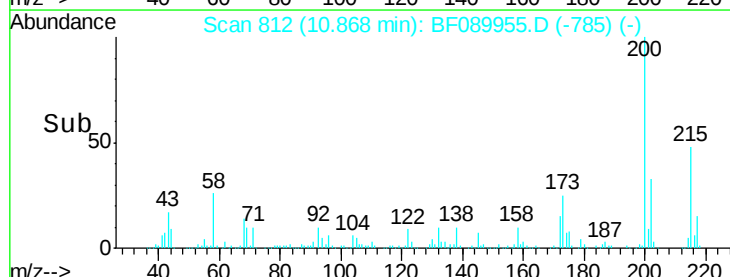
215 47.7 24.5 64.5



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 :

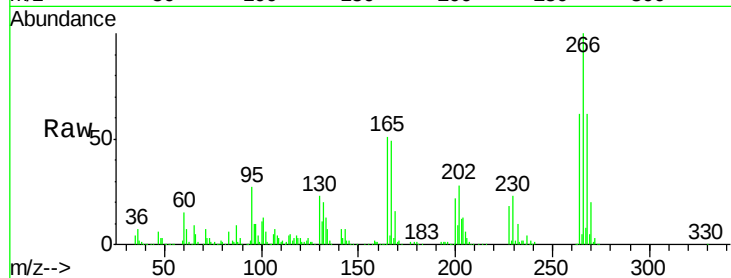
Tot Ion:266 Resp: 332124

Ion Ratio Lower Upper

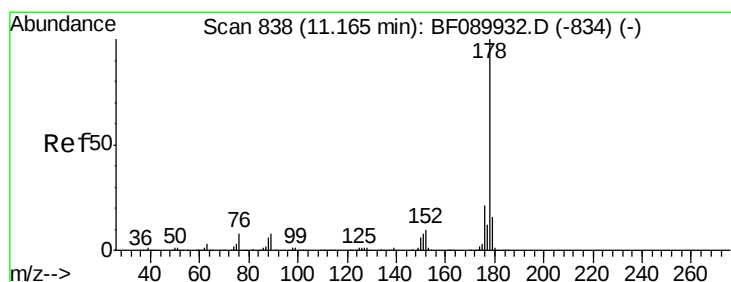
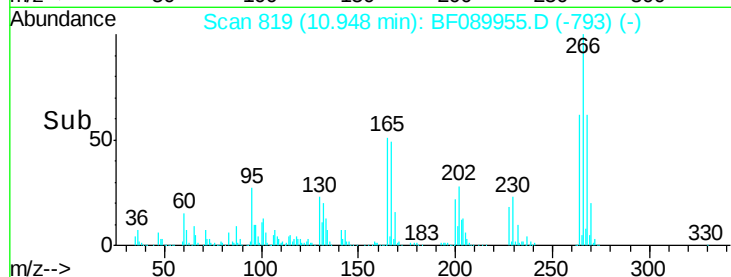
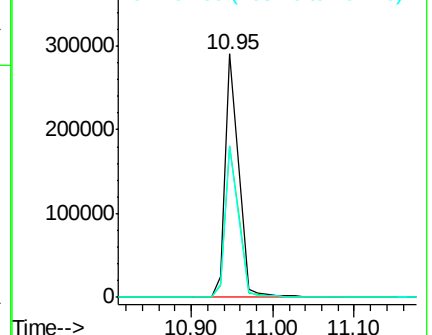
266 100

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

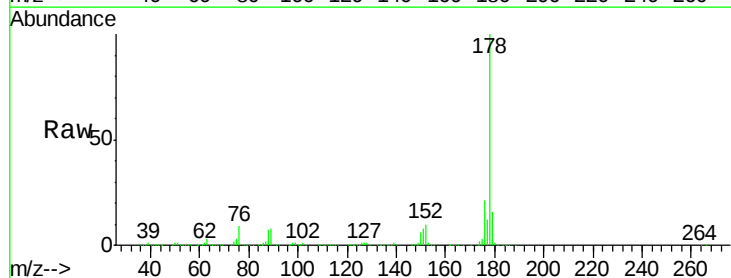
Tgt Ion:178 Resp: 1505568

Ion Ratio Lower Upper

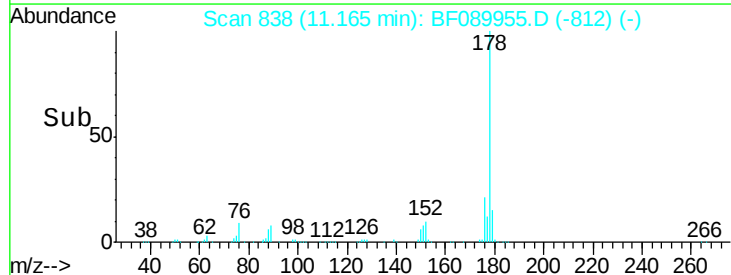
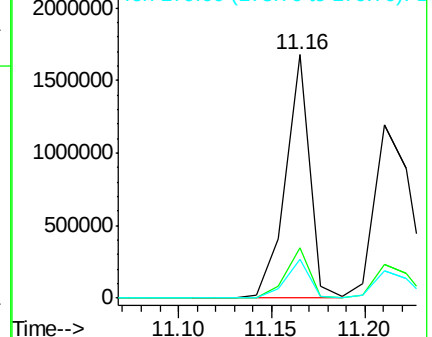
178 100

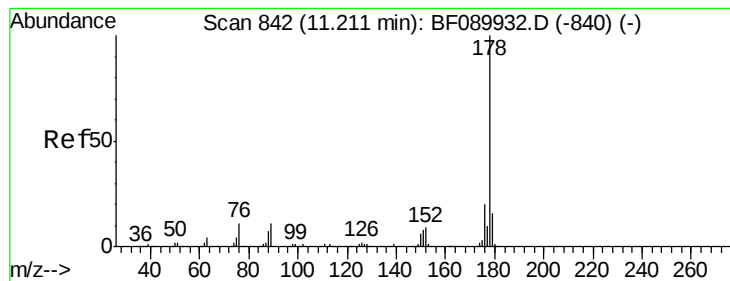
176 20.6 16.5 24.7

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

ClientSampled :

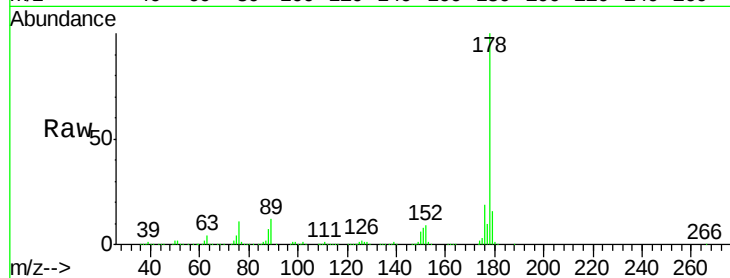
Tot Ion:178 Resp: 1516125

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

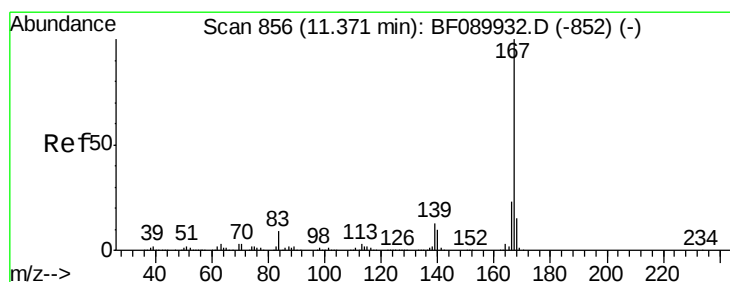
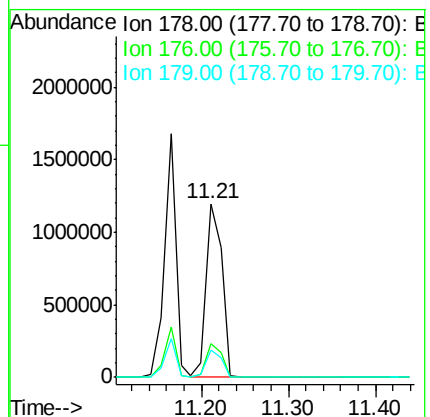
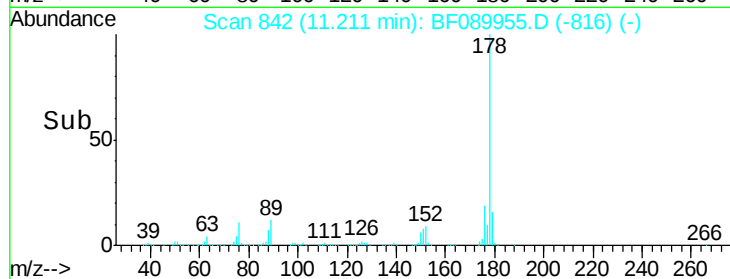
179 16.1 13.0 19.4



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

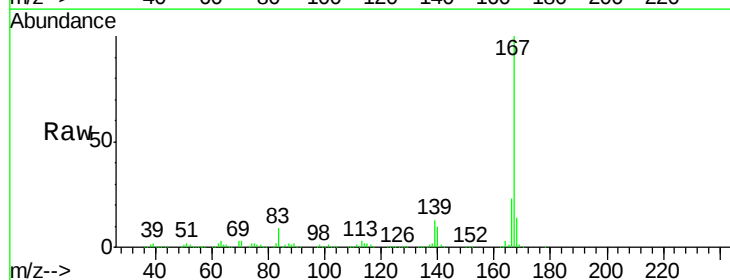
Tgt Ion:167 Resp: 1326736

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

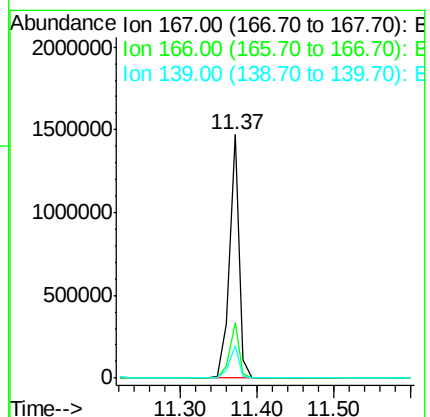
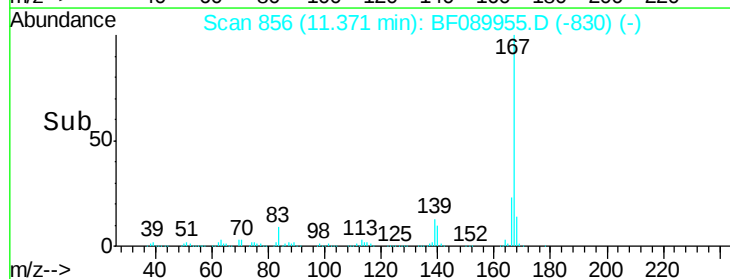
139 13.4 10.4 15.6

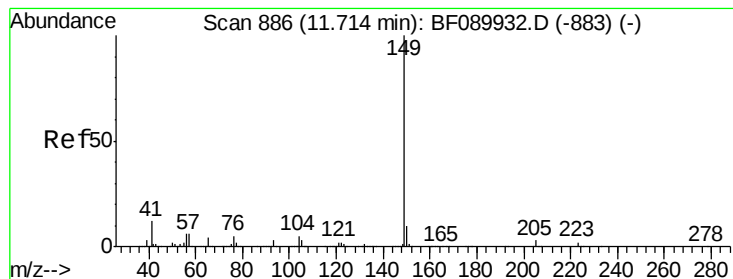


Abundance Ion 167.00 (166.70 to 167.70): E

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 :

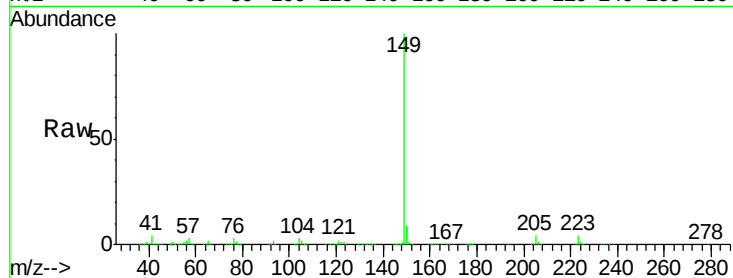
Tot Ion:149 Resp: 1787883

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

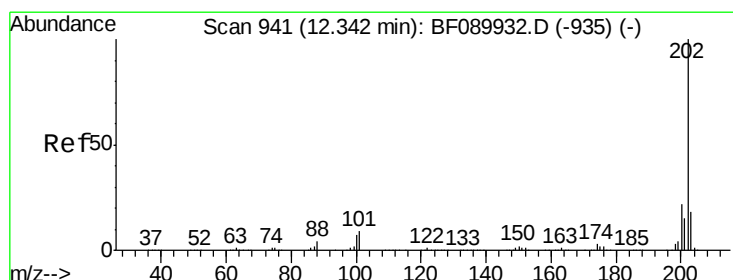
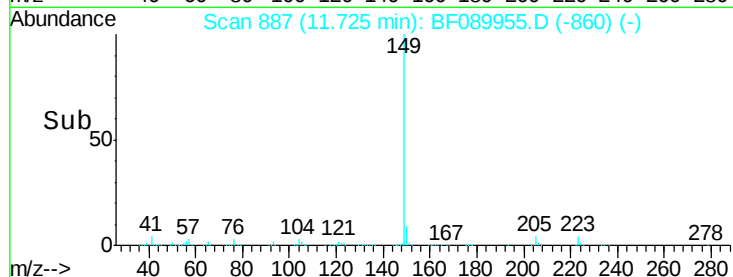
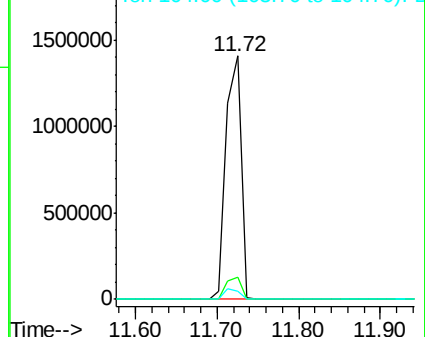
104 3.4 3.9 5.9#



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

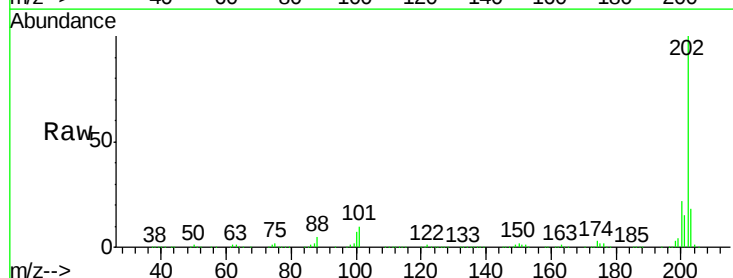
Tgt Ion:202 Resp: 1526564

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.5

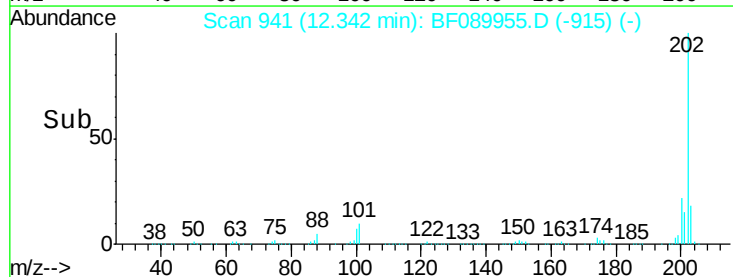
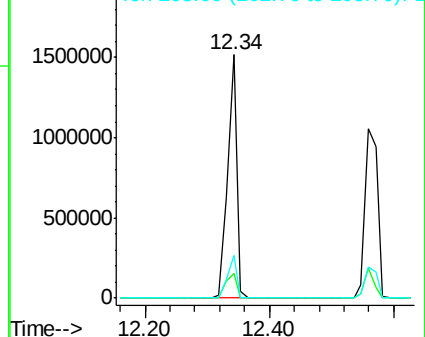
203 17.6 0.0 38.0

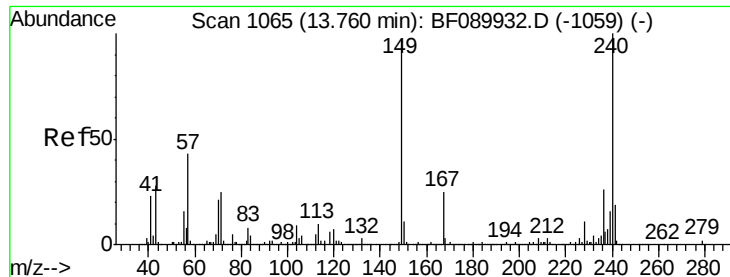


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

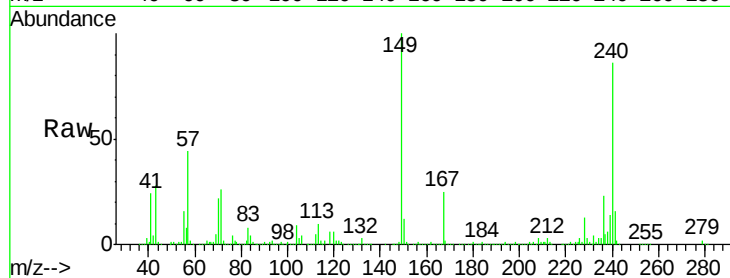
Tot Ion:240 Resp: 438876

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

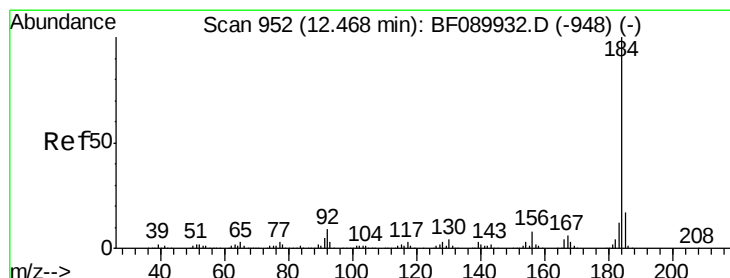
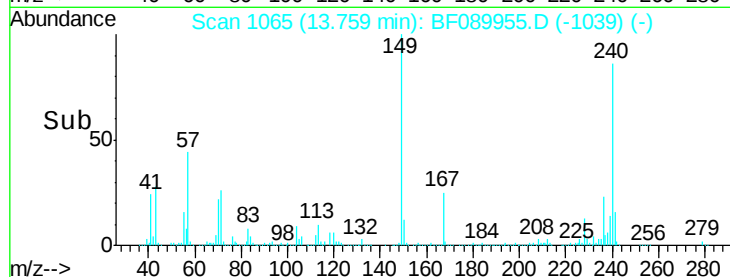
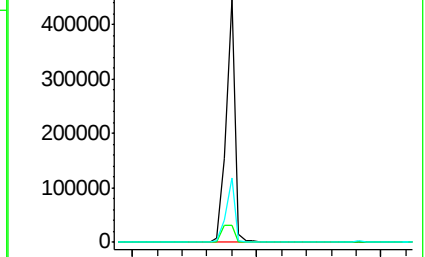
236 26.4 21.3 31.9



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

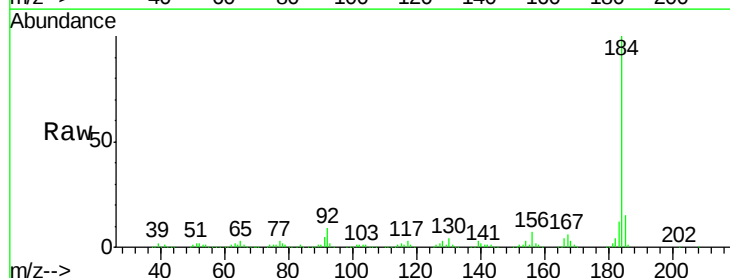
Tgt Ion:184 Resp: 656240

Ion Ratio Lower Upper

184 100

185 15.1 13.8 20.8

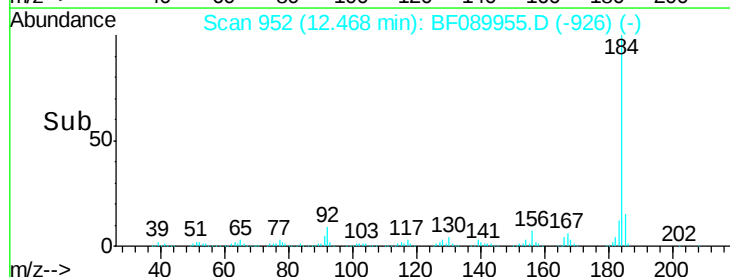
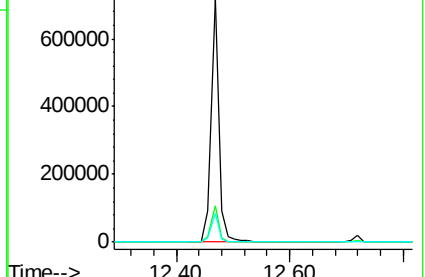
183 11.6 9.6 14.4

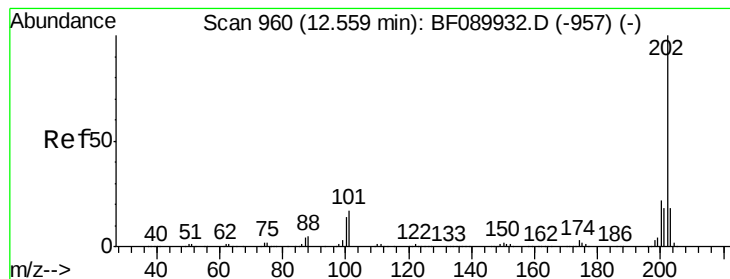


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

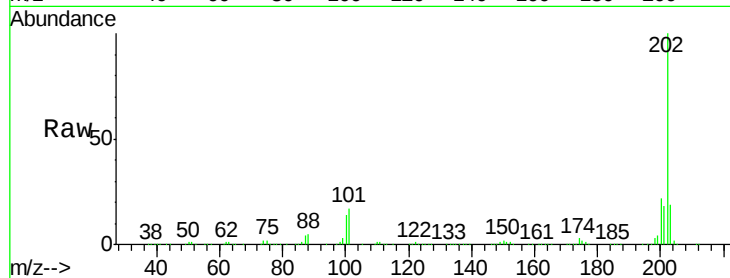
Tot Ion:202 Resp: 1449797

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

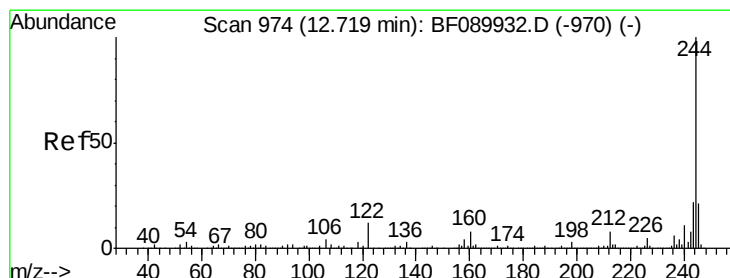
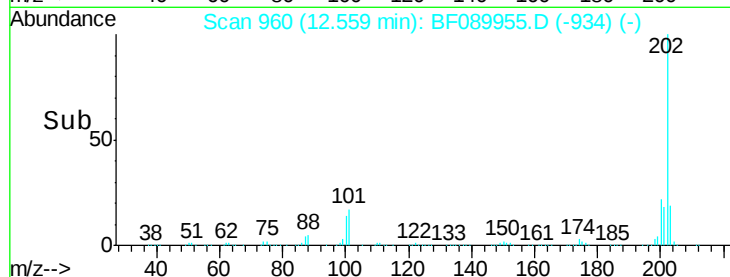
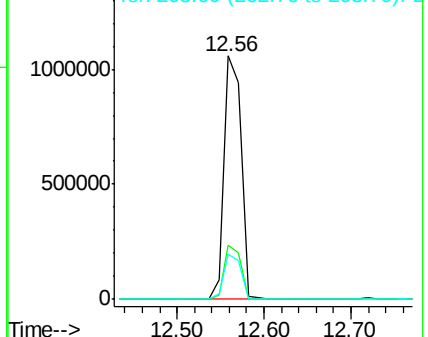
203 18.6 14.6 21.8



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

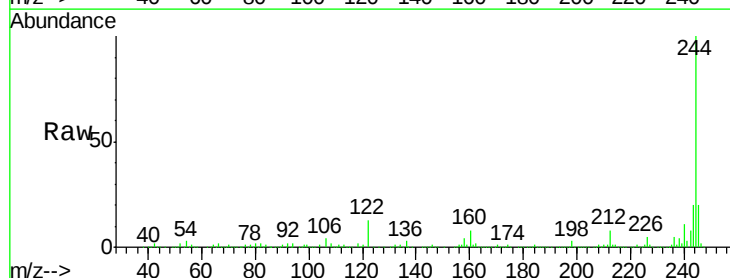
Tgt Ion:244 Resp: 1511457

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

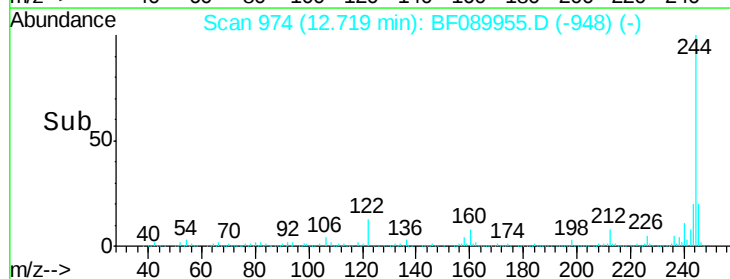
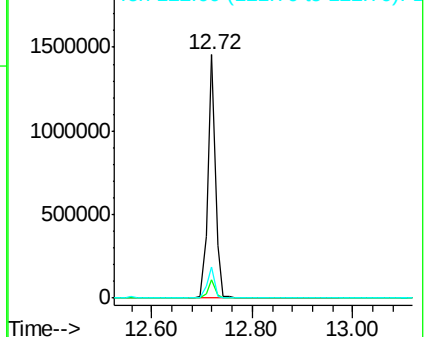
122 12.6 9.6 14.4



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

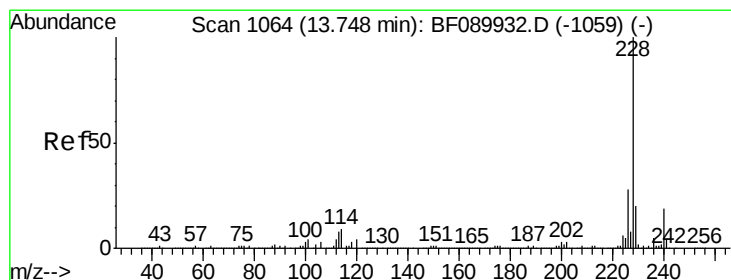
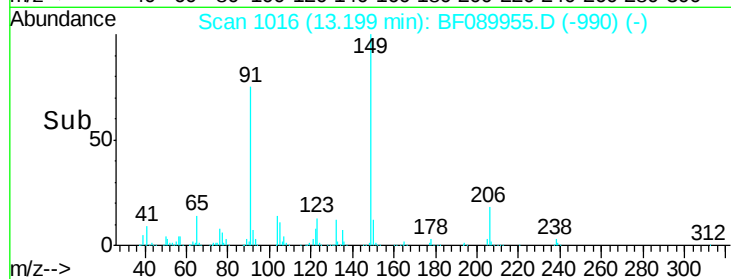
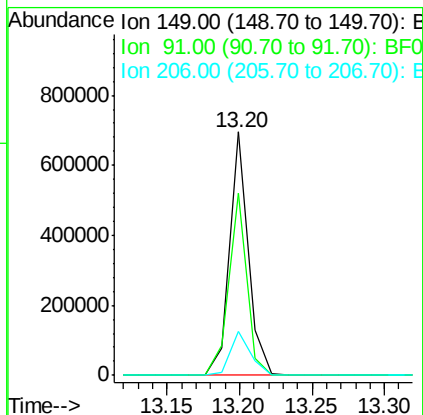
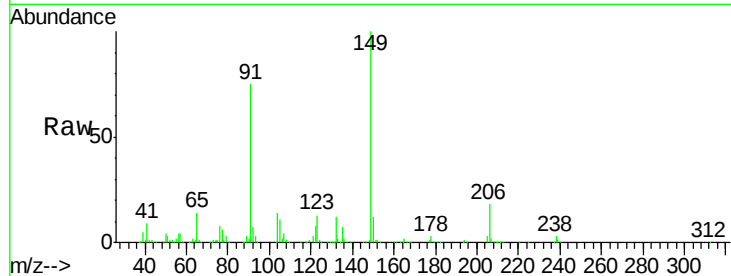




#79
Butylbenzylphthalate
Concen: 50.27 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

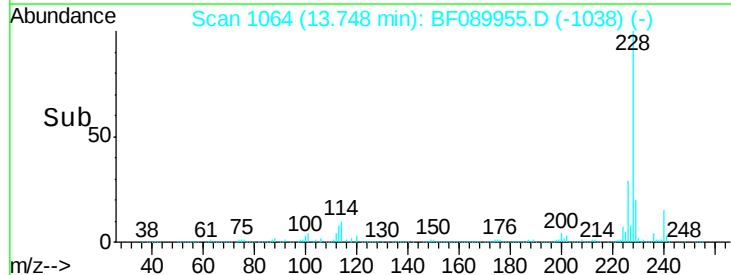
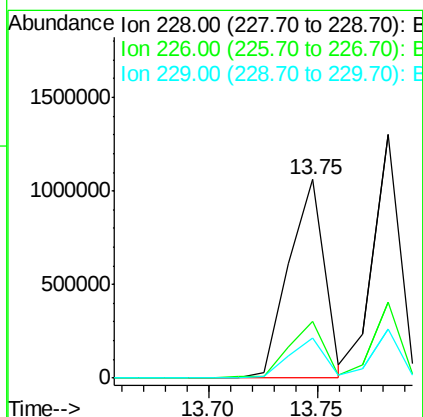
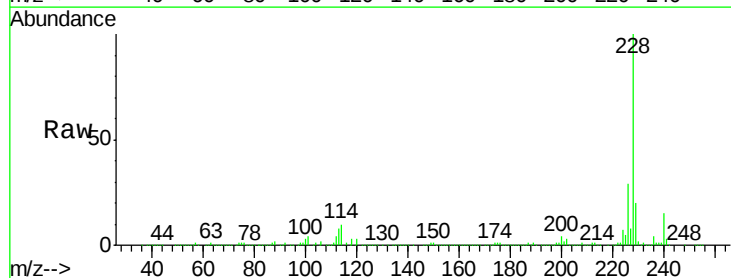
Instrument :
BNA_F
ClientSampleId :

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

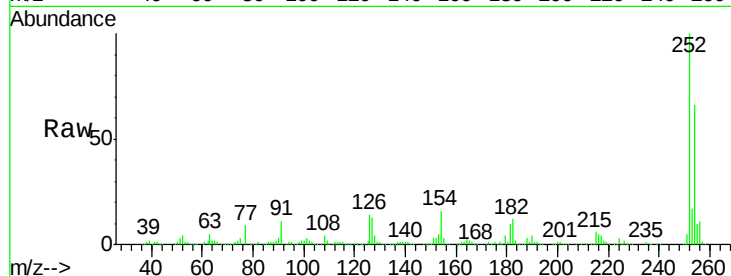




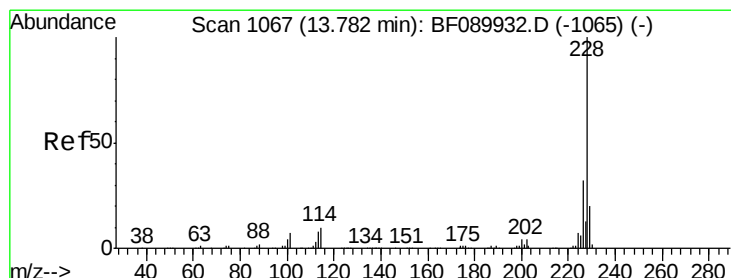
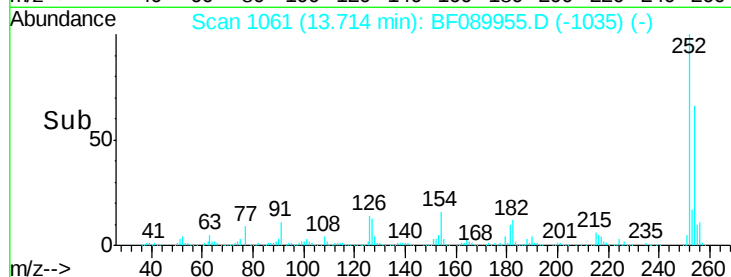
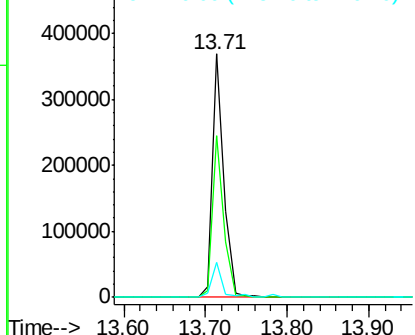
#81
 3,3'-Dichlorobenzidine
 Concen: 37.67 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampled :

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

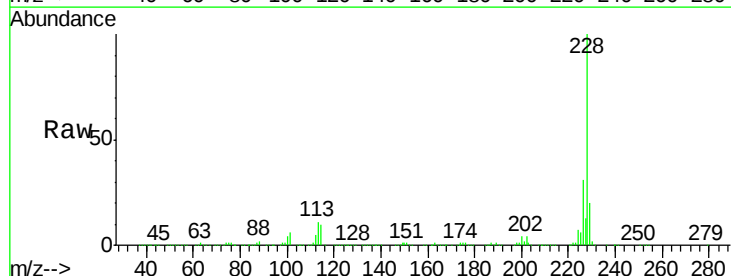


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

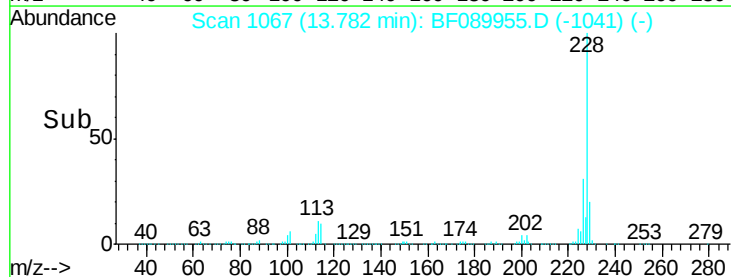
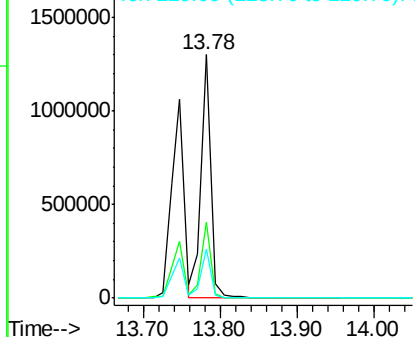


#82
 Chrysene
 Concen: 45.28 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

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

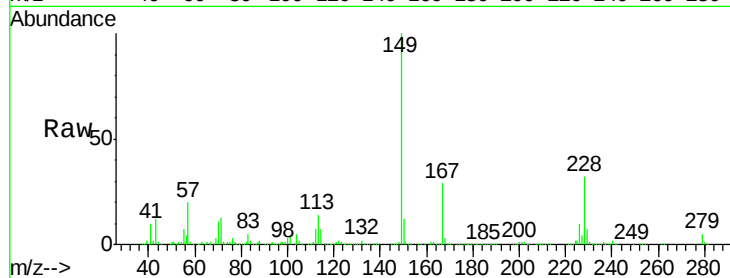




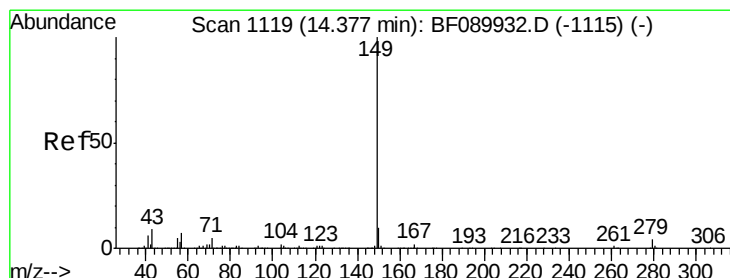
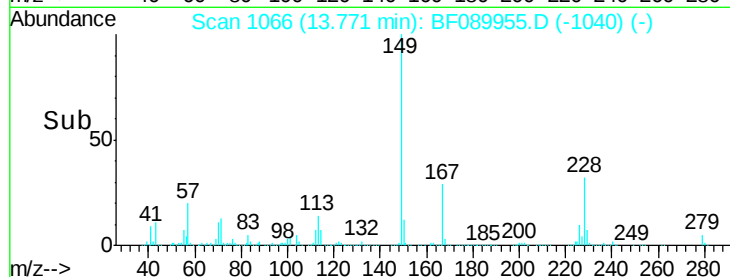
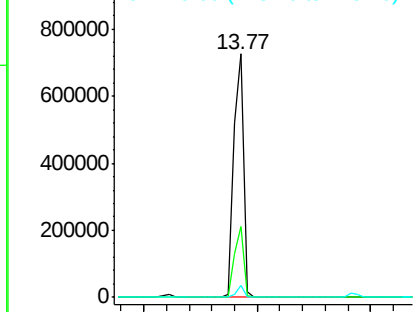
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.81 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampled :

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

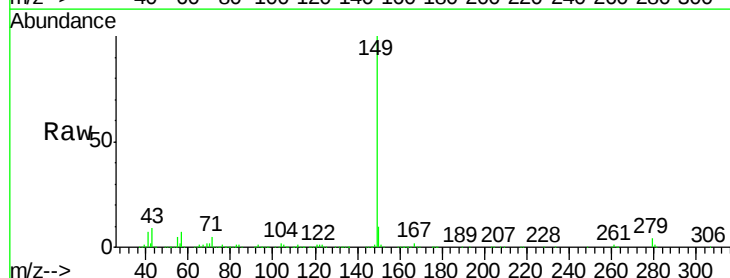


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

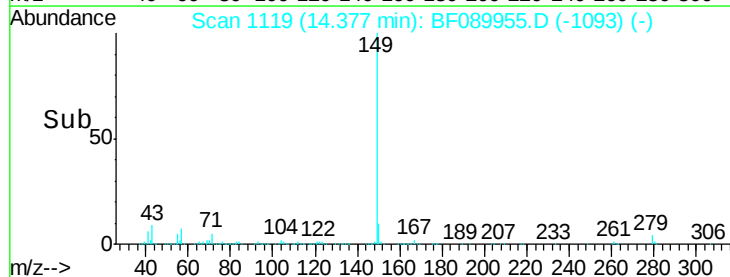
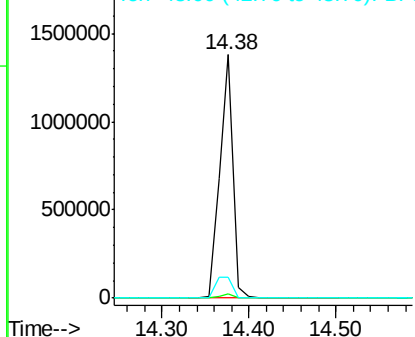


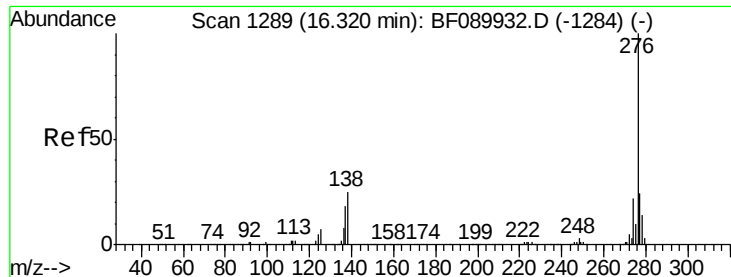
#84
 Di-n-octyl phthalate
 Concen: 53.00 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

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

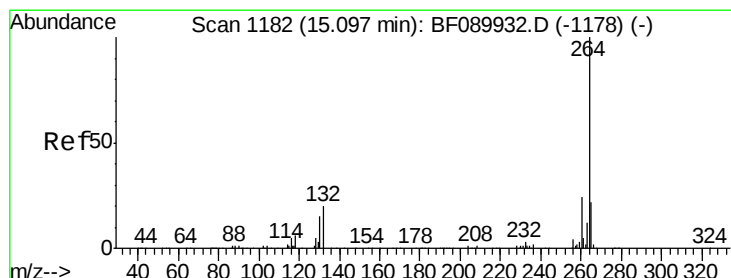
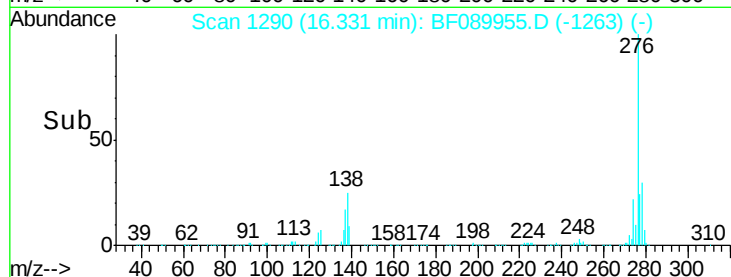
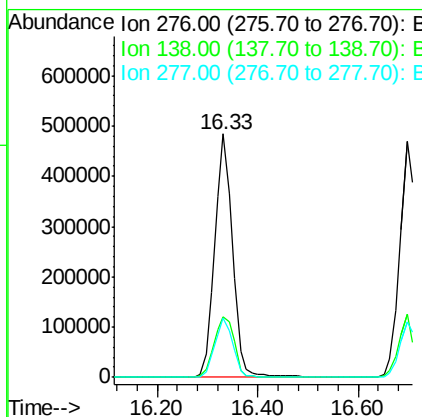
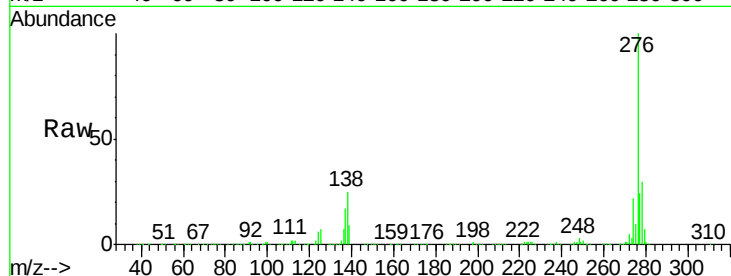




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.39 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

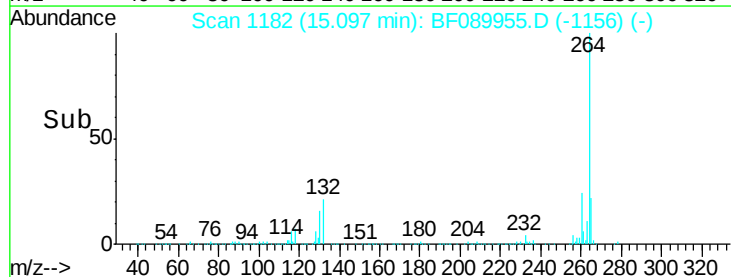
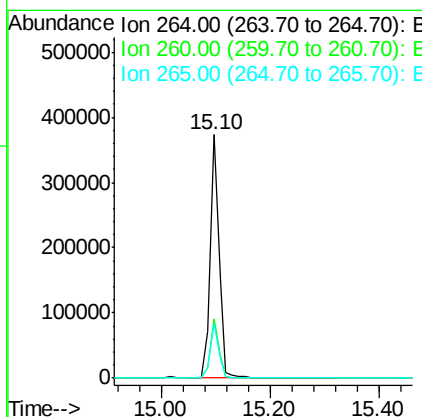
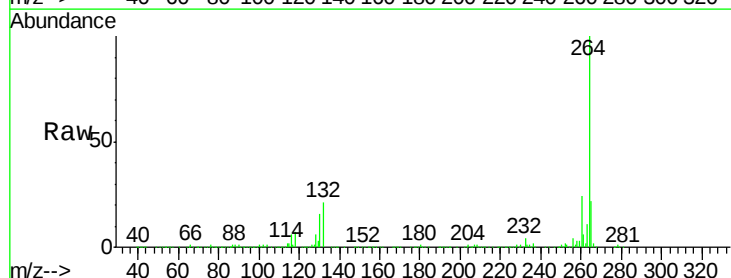
Instrument :
 BNA_F
 ClientSampleId :

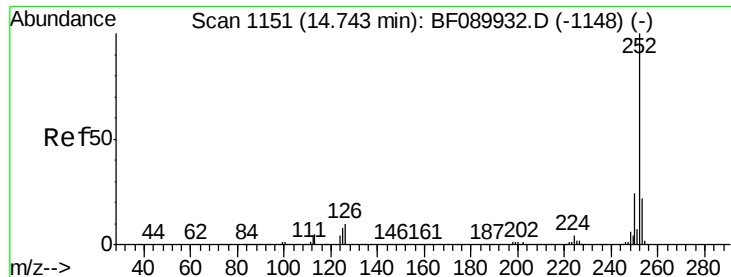
Tot Ion:276 Resp: 1195260
 Ion Ratio Lower Upper
 276 100
 138 28.7 22.6 34.0
 277 25.0 20.1 30.1



#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 :

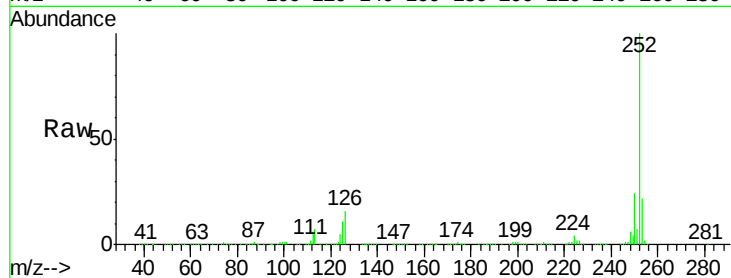
Tot Ion:252 Resp: 2216340

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

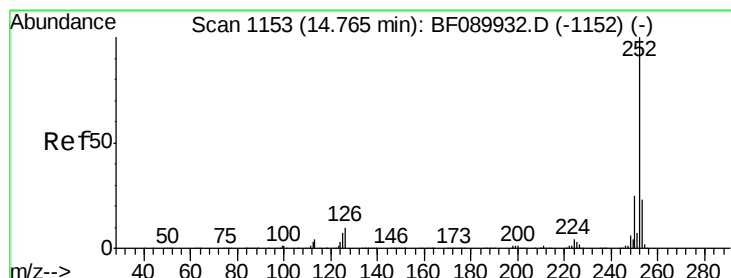
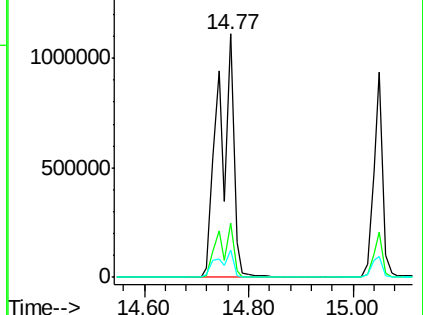
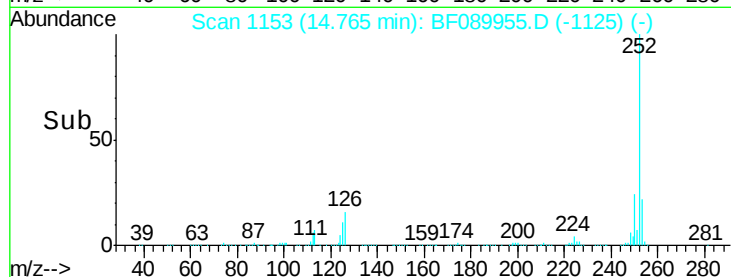
125 11.1 5.7 8.5#



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

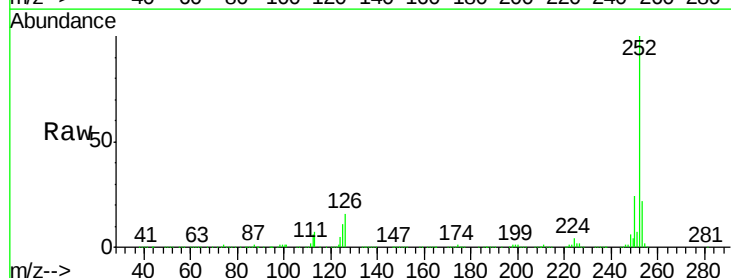
Tgt Ion:252 Resp: 2216340

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

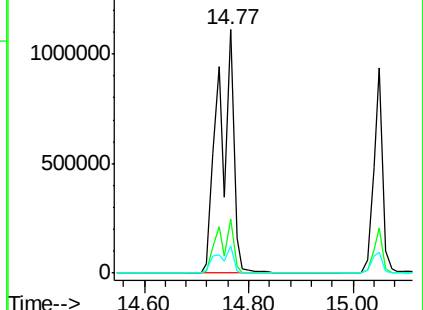
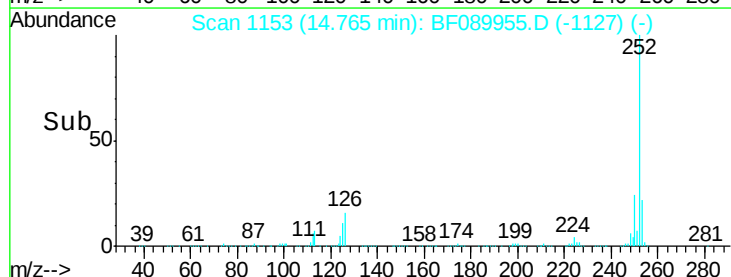
125 11.1 7.3 10.9#

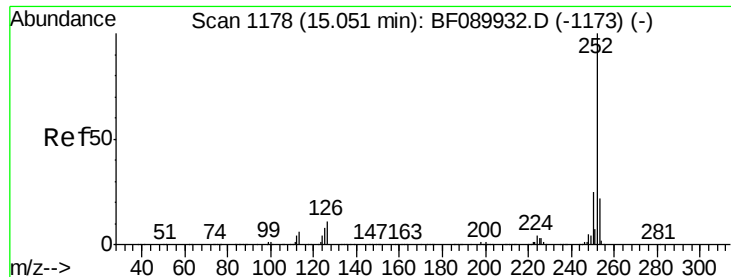


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

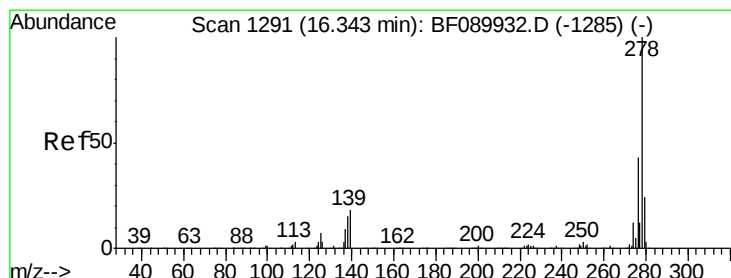
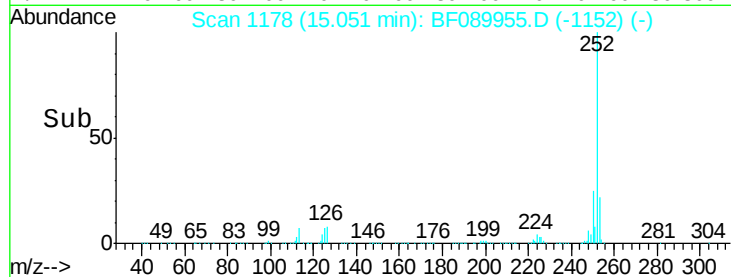
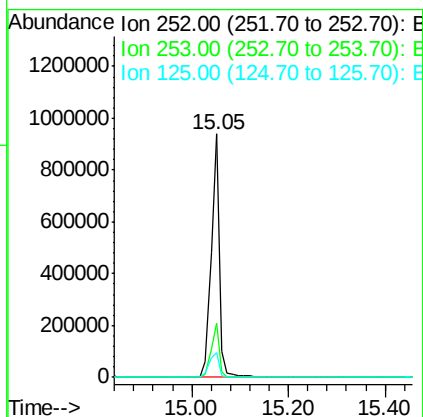
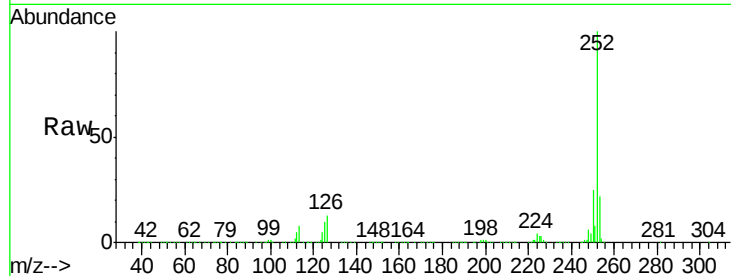




#89
Benzo(a)pyrene
Concen: 48.84 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

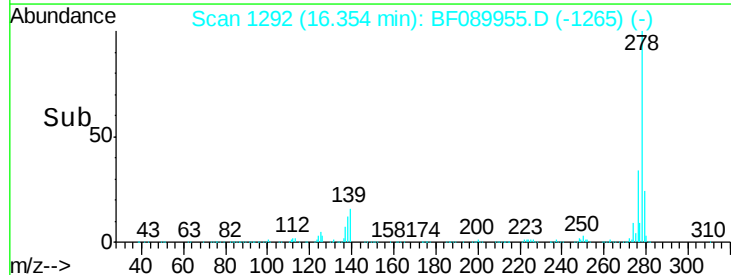
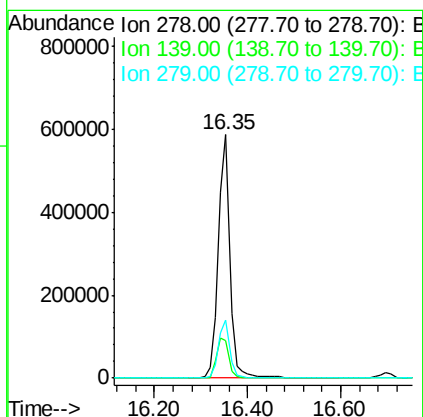
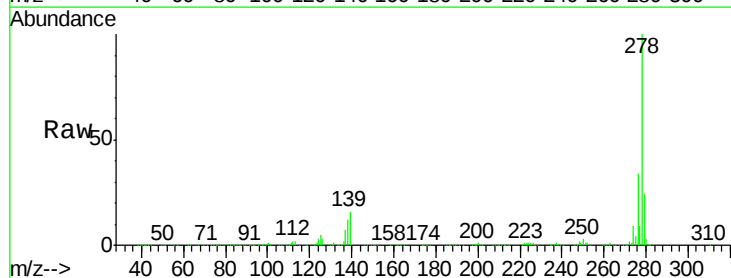
Instrument :
BNA_F
ClientSampleId :

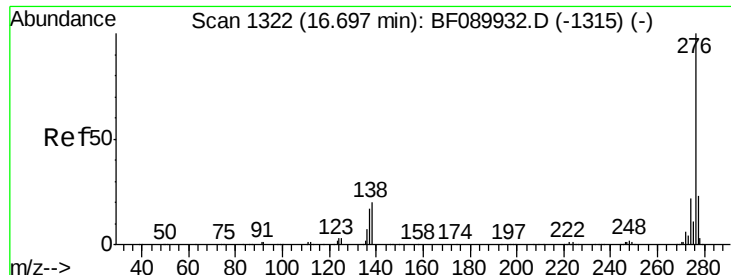
Tot Ion:252 Resp: 1119440
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 6.3 9.5#



#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





#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 :

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

