

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
 Data File : BF089994.D
 Acq On : 6 Sep 2016 18:01
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 19:02:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	205896	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	843625	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	434977	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	813051	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	641649	20.00	ng	-0.02
86) Perylene-d12	15.07	264	527231	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1013567	78.79	ng	-0.02
7) Phenol-d6	6.27	99	1206546	77.19	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1050262	72.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	328461	76.54	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1933616	72.97	ng	-0.02
78) Terphenyl-d14	12.71	244	2018976	77.73	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	226478	37.16	ng	96
3) Pyridine	2.68	79	620533	38.16	ng	98
4) n-Nitrosodimethylamine	2.65	42	301118	37.55	ng	95
6) Aniline	6.28	93	774008	36.29	ng	# 85
8) 2-Chlorophenol	6.40	128	542922	38.90	ng	89
9) Benzaldehyde	6.16	77	384330	38.11	ng	98
10) Phenol	6.28	94	713469	39.25	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	563329	40.96	ng	93
12) 1,3-Dichlorobenzene	6.56	146	633340	40.63	ng	97
13) 1,4-Dichlorobenzene	6.64	146	645802	40.50	ng	94
14) 1,2-Dichlorobenzene	6.79	146	568654	39.78	ng	100
15) Benzyl Alcohol	6.78	79	393180	40.16	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	992379	37.84	ng	90
17) 2-Methylphenol	6.90	107	435616	39.09	ng	# 93
18) Hexachloroethane	7.13	117	214952	39.35	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	383017	37.60	ng	92
20) 3+4-Methylphenols	7.05	107	553947	41.00	ng	# 80
22) Acetophenone	7.04	105	725910	38.36	ng	# 91
24) Nitrobenzene	7.21	77	606331	39.21	ng	# 89
25) Isophorone	7.45	82	1085905	36.71	ng	97
26) 2-Nitrophenol	7.53	139	313238	42.37	ng	# 78
27) 2,4-Dimethylphenol	7.58	122	491620	35.95	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	657459	36.85	ng	98
29) 2,4-Dichlorophenol	7.77	162	497112	40.55	ng	96
30) 1,2,4-Trichlorobenzene	7.85	180	515060	38.43	ng	98
31) Naphthalene	7.93	128	1633417	38.87	ng	99
32) Benzoic acid	7.72	122	444202	48.22	ng	97
33) 4-Chloroaniline	7.99	127	696320	41.06	ng	95
34) Hexachlorobutadiene	8.06	225	317121	40.38	ng	97
35) Caprolactam	8.36	113	144660	37.39	ng	93
36) 4-Chloro-3-methylphenol	8.48	107	537575	41.41	ng	89
37) 2-Methylnaphthalene	8.62	142	1029000	37.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	531835	41.74	ng	98
40) Hexachlorocyclopentadiene	8.78	237	293767	44.96	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	382143	43.27	nq	97
43) 2,4,5-Trichlorophenol	8.94	196	347219	40.89	nq	99
45) 1,1'-Biphenyl	9.08	154	1382402	39.47	nq	97
46) 2-Chloronaphthalene	9.11	162	1023125	41.30	nq	94
47) 2-Nitroaniline	9.20	65	312484	38.58	nq	99
48) Acenaphthylene	9.51	152	1522777	37.17	nq	99
49) Dimethylphthalate	9.39	163	1149428	36.56	nq	99
50) 2,6-Dinitrotoluene	9.45	165	297287	42.52	nq	91
51) Acenaphthene	9.69	154	1060970	40.88	nq	99
52) 3-Nitroaniline	9.62	138	321931	40.37	nq	# 68
53) 2,4-Dinitrophenol	9.71	184	152593	42.88	nq	99
54) Dibenzofuran	9.86	168	1294400	37.22	nq	91
55) 4-Nitrophenol	9.79	139	271295	45.10	nq	87
56) 2,4-Dinitrotoluene	9.85	165	377822	42.61	nq	95
57) Fluorene	10.19	166	895986	35.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	289242	39.78	nq	99
59) Diethylphthalate	10.09	149	1203766	40.70	nq	97
60) 4-Chlorophenyl-phenylether	10.19	204	431044	36.04	nq	# 82
61) 4-Nitroaniline	10.23	138	292971	37.39	nq	90
62) Azobenzene	10.35	77	1163476	39.38	nq	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	211966	40.72	nq	96
65) n-Nitrosodiphenylamine	10.32	169	1018279	41.66	nq	100
66) 4-Bromophenyl-phenylether	10.69	248	335050	40.93	nq	# 82
67) Hexachlorobenzene	10.74	284	394273	42.17	nq	# 81
68) Atrazine	10.85	200	304353	37.30	nq	99
69) Pentachlorophenol	10.94	266	244935	48.69	nq	99
70) Phenanthrene	11.14	178	1502941	37.12	nq	99
71) Anthracene	11.20	178	1666046	40.57	nq	99
72) Carbazole	11.36	167	1615735	41.96	nq	99
73) Di-n-butylphthalate	11.70	149	1806054	40.24	nq	99
74) Fluoranthene	12.32	202	1522140	35.87	nq	96
76) Benzidine	12.46	184	1002652	41.25	nq	97
77) Pyrene	12.55	202	1738893	38.44	nq	99
79) Butylbenzylphthalate	13.18	149	714764	39.18	nq	93
80) Benzo(a)anthracene	13.73	228	1450217	36.90	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	597489	42.12	nq	# 97
82) Chrysene	13.76	228	1245600	33.93	nq	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	987637	39.14	nq	98
84) Di-n-octyl phthalate	14.35	149	1662369	40.81	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1031242	38.00	nq	99
87) Benzo(b)fluoranthene	14.74	252	2399494	72.65	nq	# 97
88) Benzo(k)fluoranthene	14.74	252	2399494	85.61	nq	# 98
89) Benzo(a)pyrene	15.03	252	1168588	41.30	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	842662	40.64	nq	96
91) Benzo(g,h,i)perylene	16.66	276	837155	40.11	nq	98

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

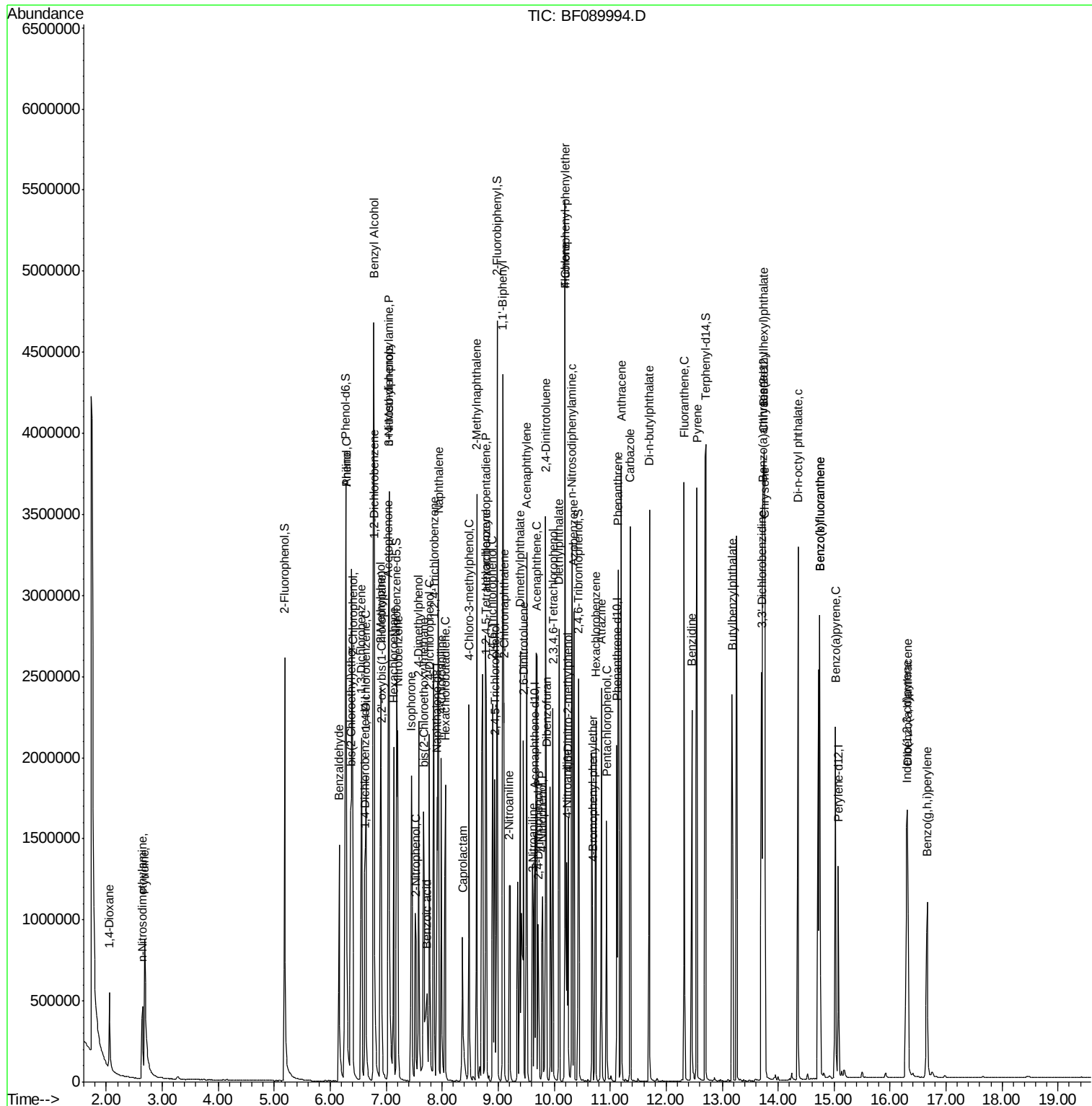
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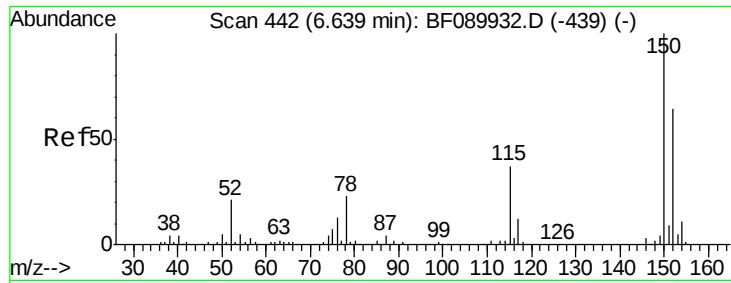
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
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Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1

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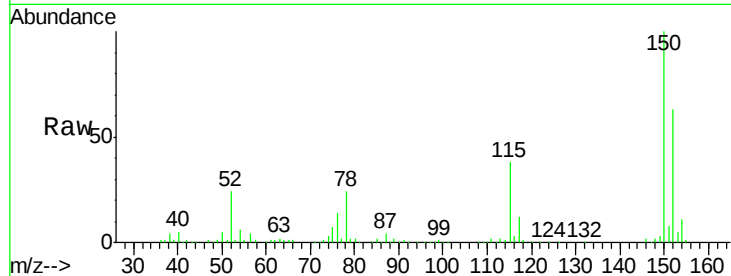


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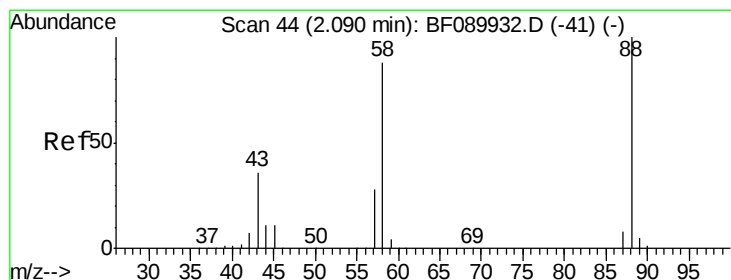
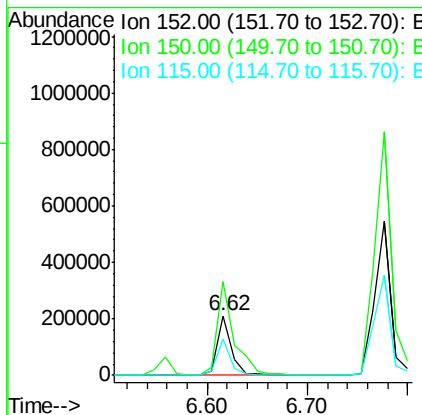
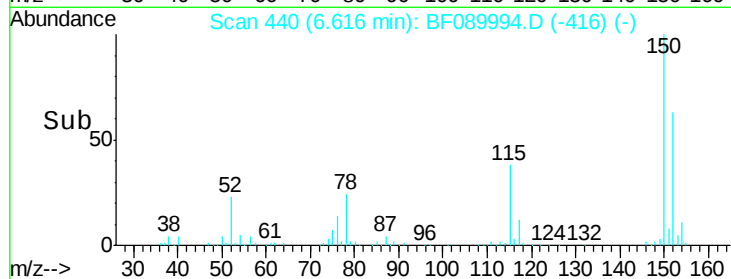
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.2
115	60.6	46.3	69.5



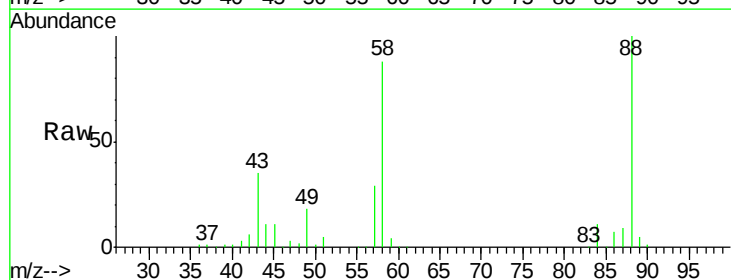
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



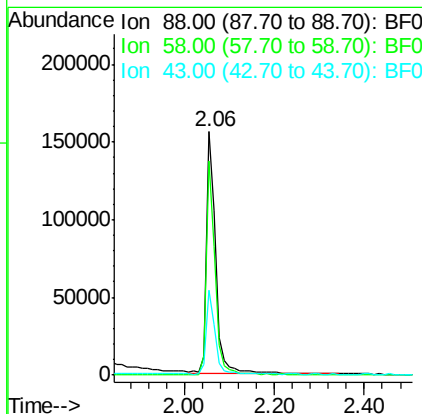
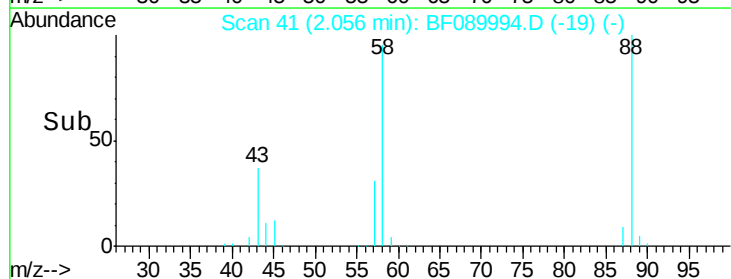
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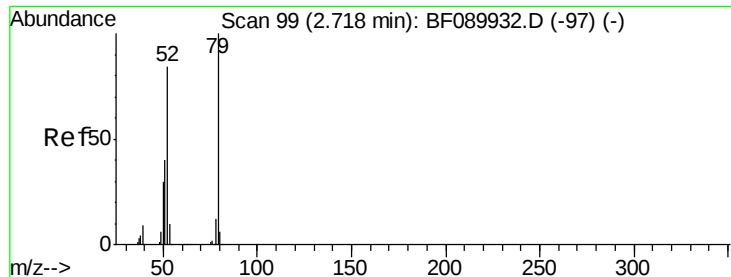
1,4-Dioxane
Concen: 37.16 ng
RT: 2.06 min Scan# 41
Delta R.T. -0.05 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	68.8	103.2
43	32.7	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: 38.16 ng

RT: 2.68 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

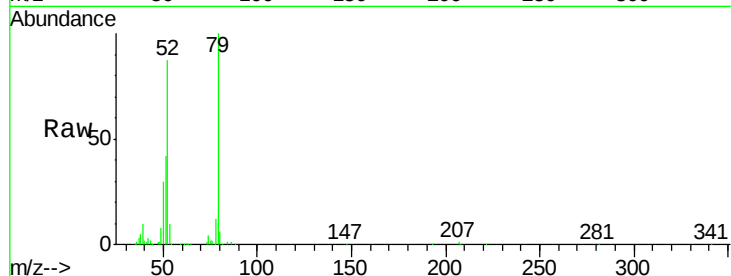
Tot Ion: 79 Resp: 620533

Ion Ratio Lower Upper

79 100

52 86.7 67.8 101.6

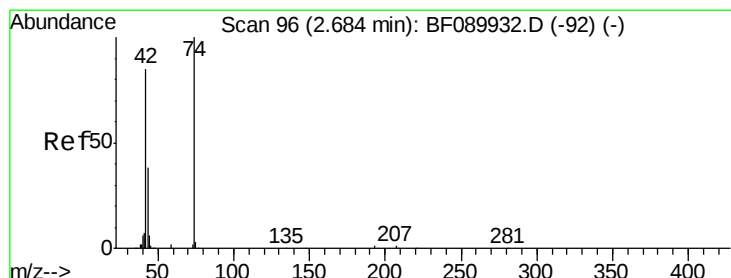
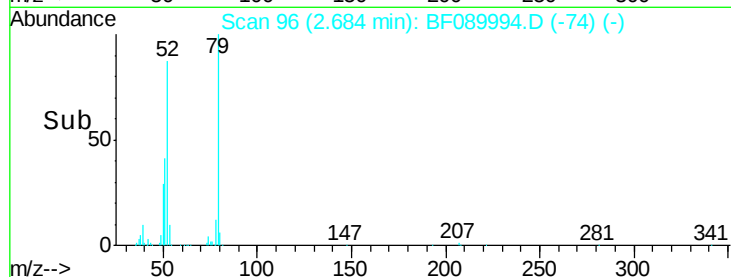
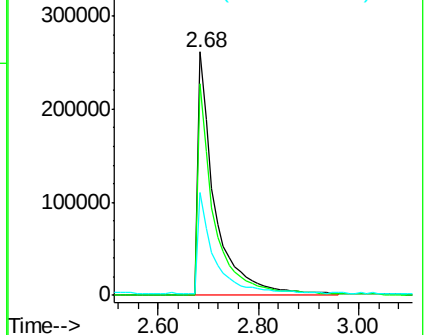
51 42.3 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.55 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.05 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

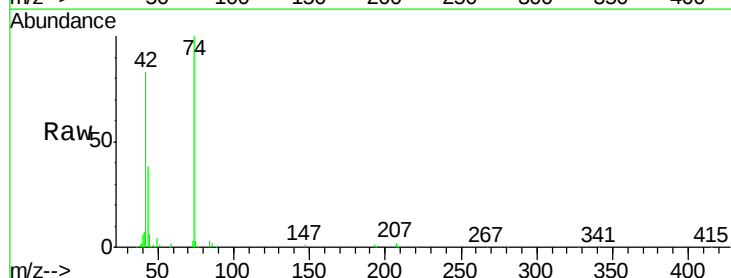
Tgt Ion: 42 Resp: 301118

Ion Ratio Lower Upper

42 100

74 120.8 92.0 138.0

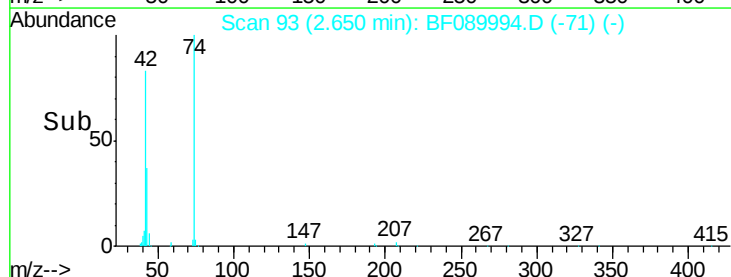
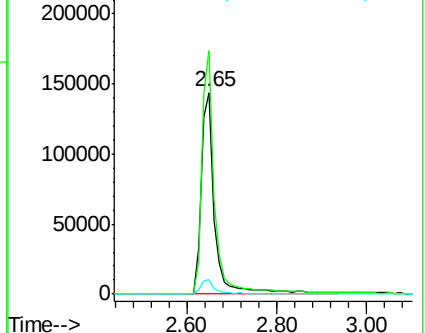
44 7.3 5.8 8.8

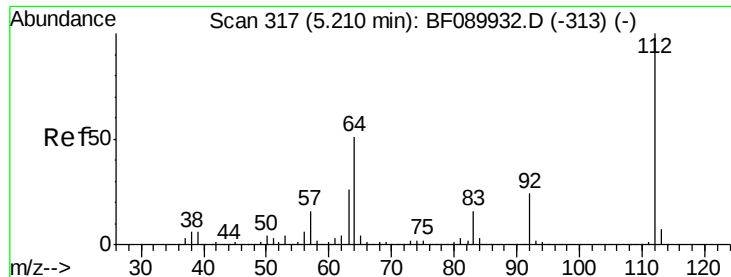


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.79 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

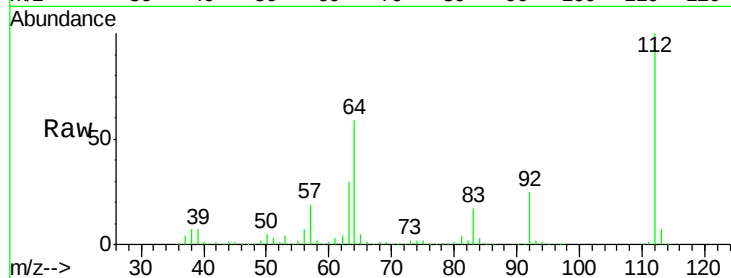
Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 1013567

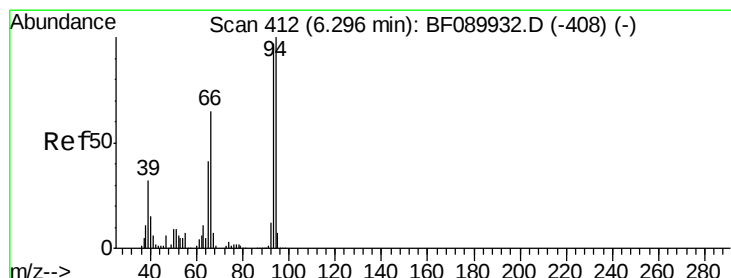
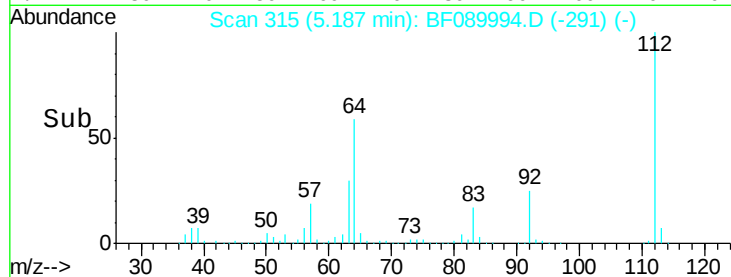
Ion	Ratio	Lower	Upper
112	100		
64	59.3	41.1	61.7
63	30.2	21.2	31.8



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: 36.29 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

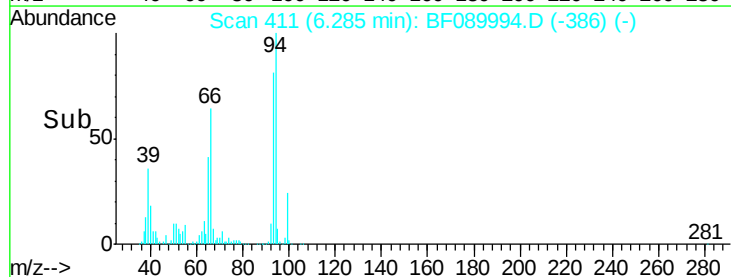
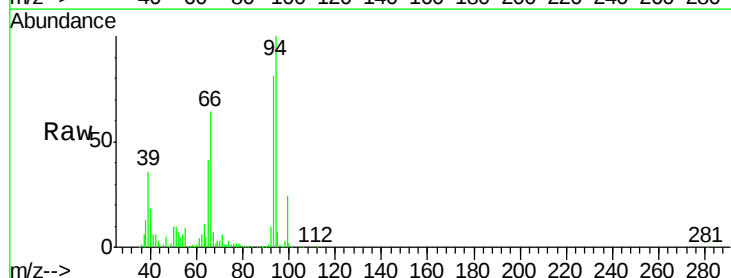
Tgt Ion: 93 Resp: 774008

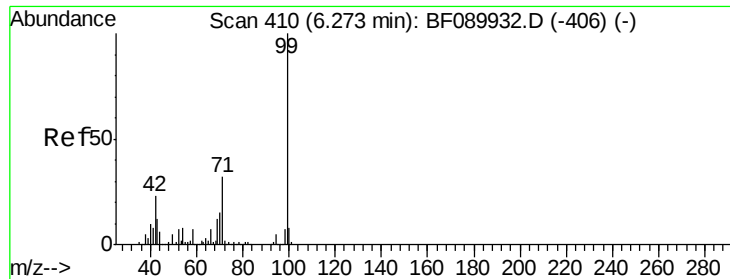
Ion	Ratio	Lower	Upper
93	100		
66	78.3	52.9	79.3
65	50.9	33.0	49.6

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: 77.19 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

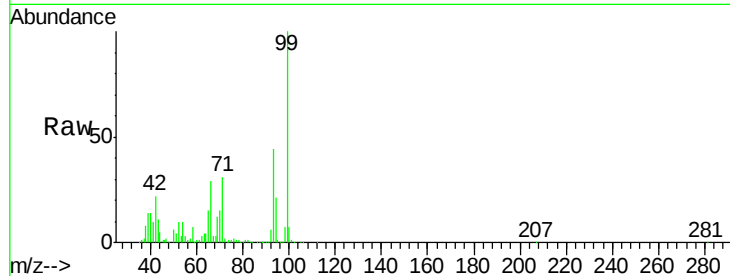
Tot Ion: 99 Resp: 1206546

Ion Ratio Lower Upper

99 100

42 22.2 18.6 27.8

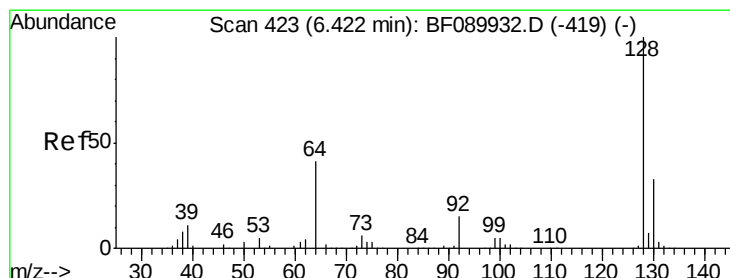
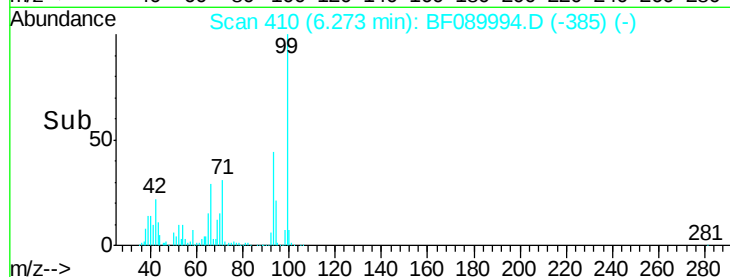
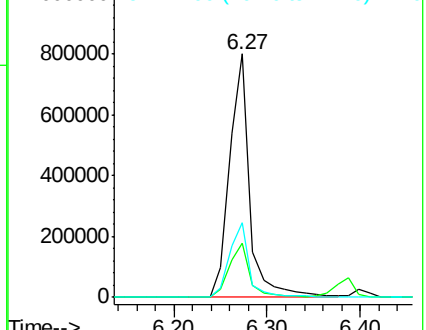
71 30.8 25.8 38.6



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: 38.90 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

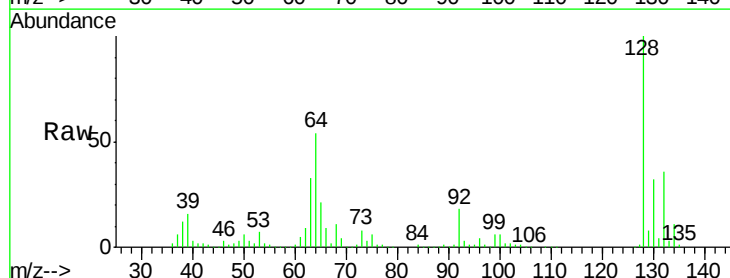
Tgt Ion: 128 Resp: 542922

Ion Ratio Lower Upper

128 100

130 31.7 12.8 52.8

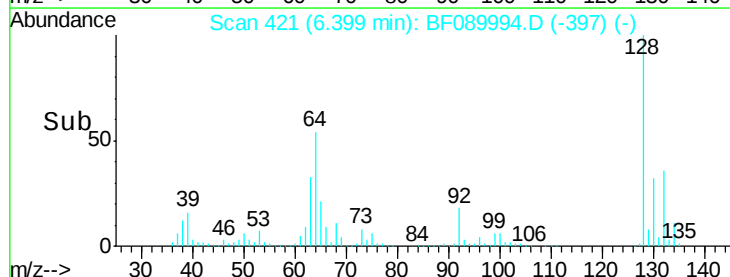
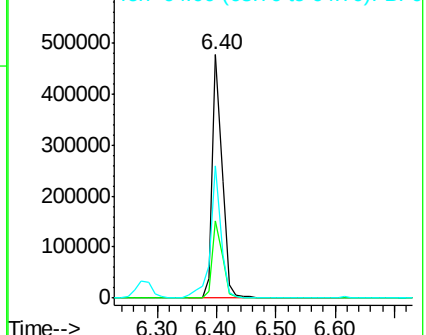
64 54.5 23.2 63.2

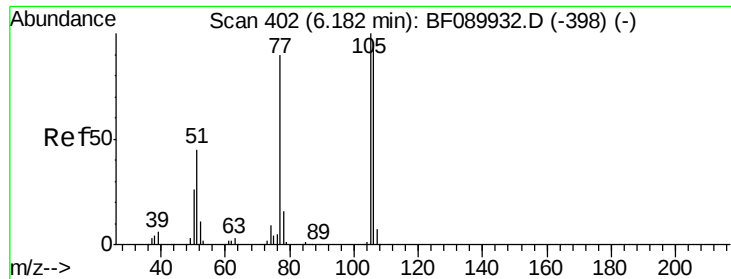


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.11 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

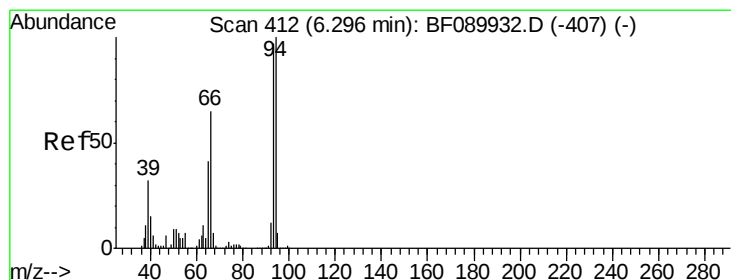
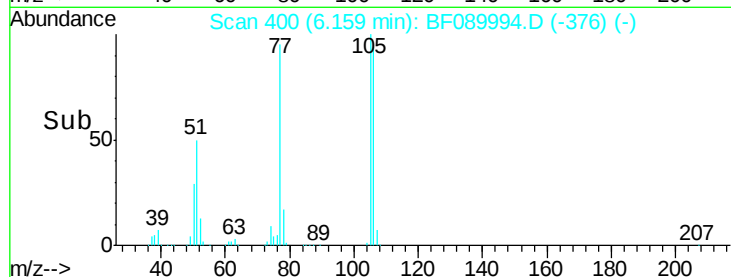
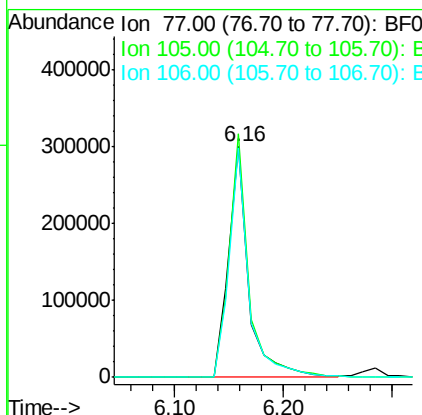
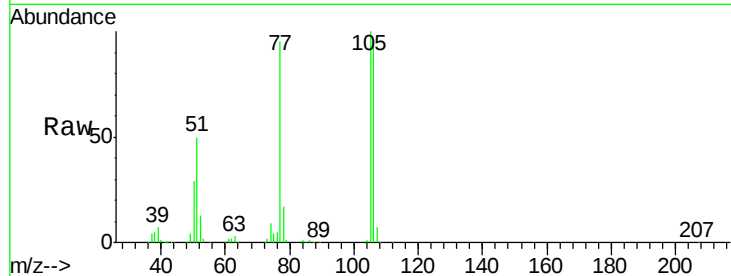
Tot Ion: 77 Resp: 384330

Ion Ratio Lower Upper

77 100

105 105.5 85.4 125.4

106 99.4 83.4 123.4



#10

Phenol

Concen: 39.25 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

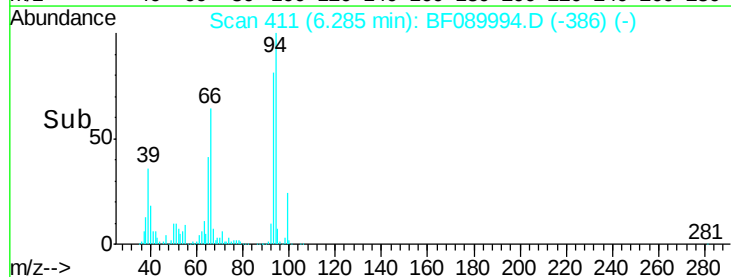
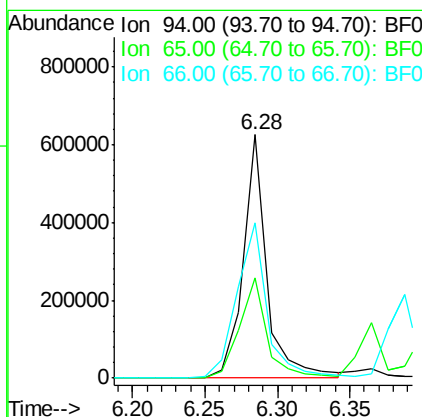
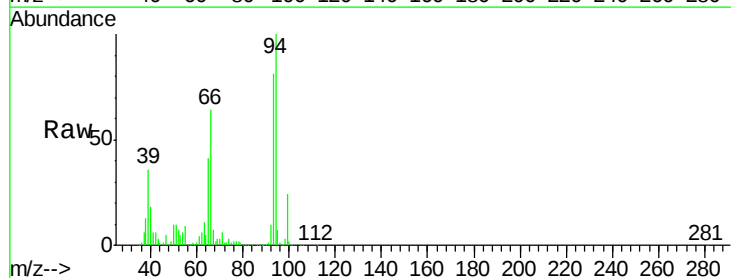
Tgt Ion: 94 Resp: 713469

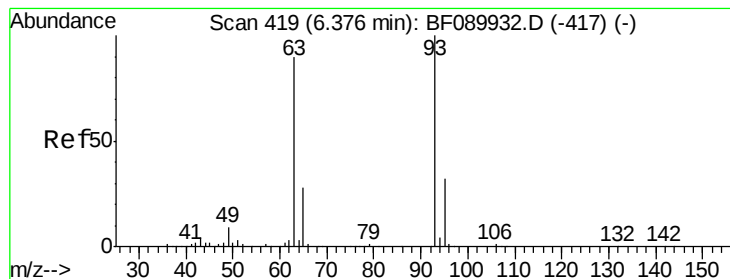
Ion Ratio Lower Upper

94 100

65 41.4 23.2 63.2

66 63.7 49.2 89.2





#11

bis(2-Chloroethyl)ether

Concen: 40.96 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

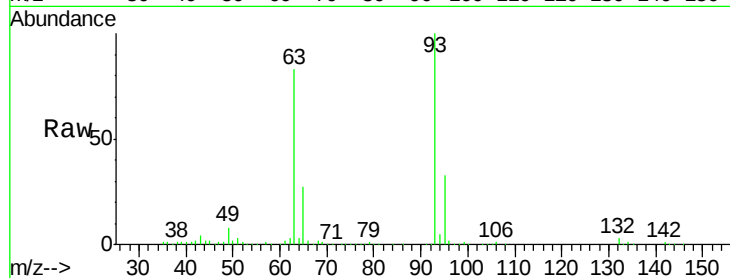
Tot Ion: 93 Resp: 563329

Ion Ratio Lower Upper

93 100

63 83.0 71.1 111.1

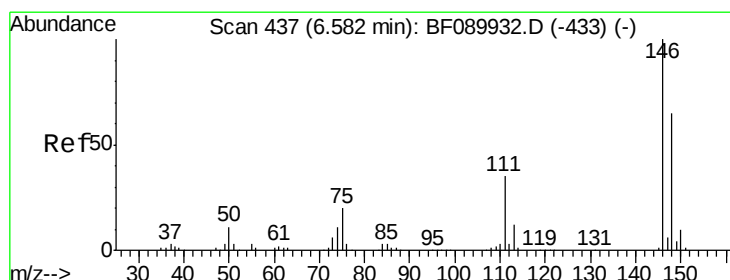
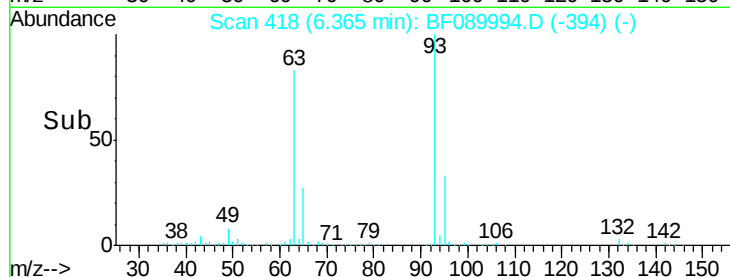
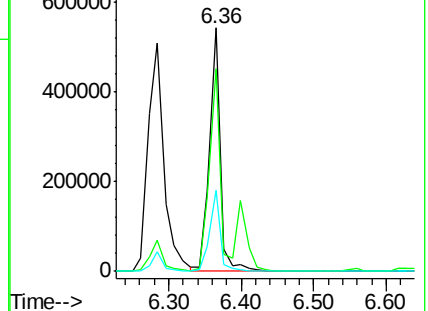
95 33.2 12.4 52.4



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: 40.63 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

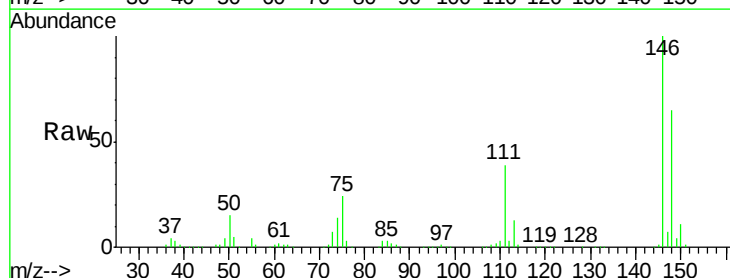
Tgt Ion: 146 Resp: 633340

Ion Ratio Lower Upper

146 100

148 64.5 52.5 78.7

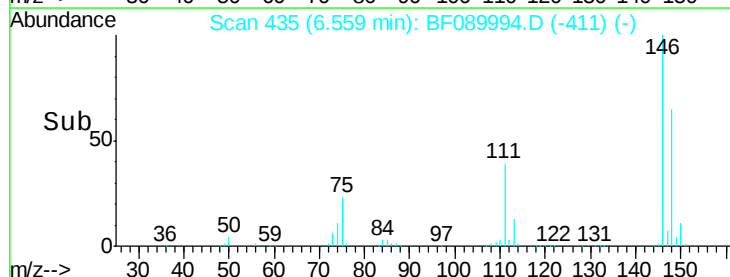
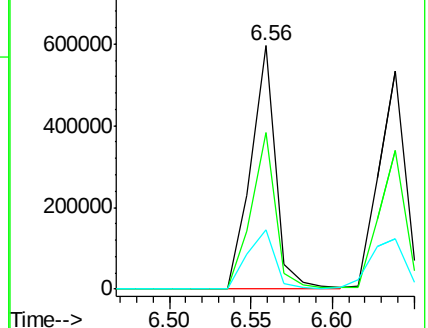
75 24.4 16.6 24.8

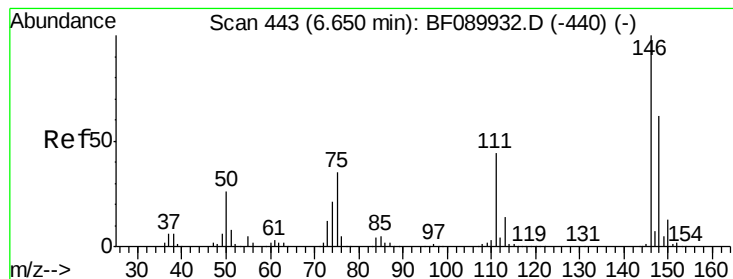


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.50 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

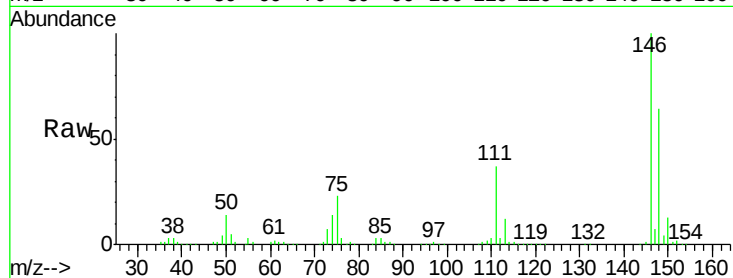
Tot Ion:146 Resp: 645802

Ion Ratio Lower Upper

146 100

148 63.7 50.1 75.1

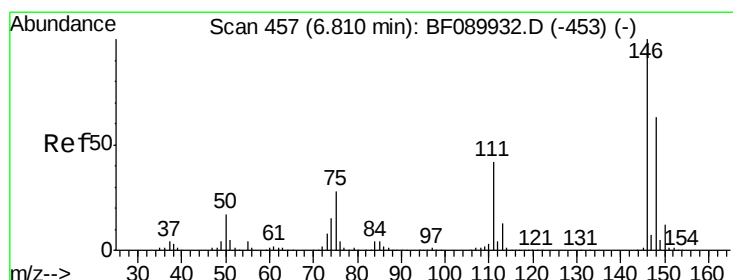
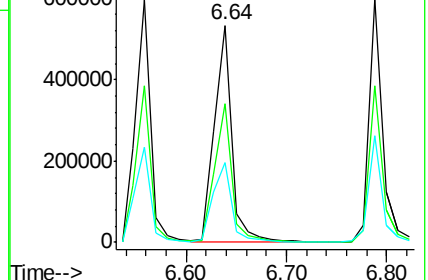
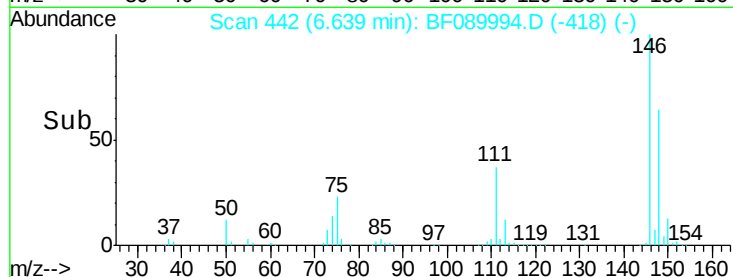
111 36.5 35.8 53.6



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: 39.78 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

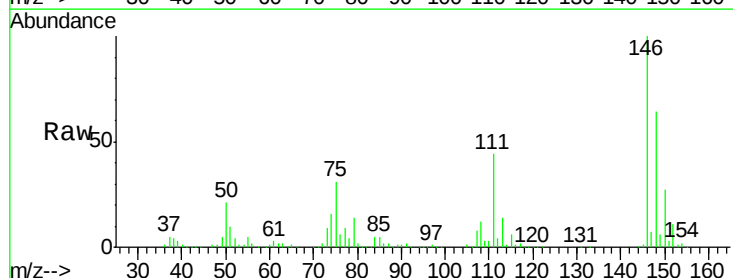
Tgt Ion:146 Resp: 568654

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

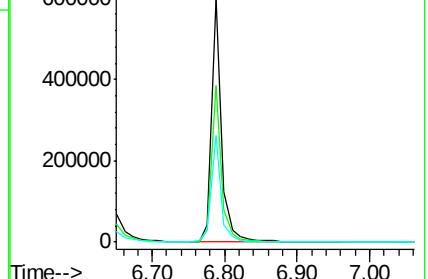
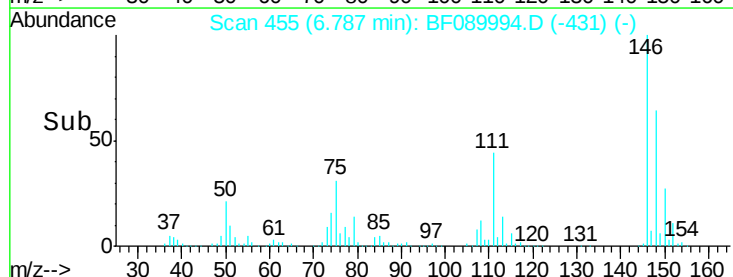
111 43.7 34.6 51.8



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: 40.16 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

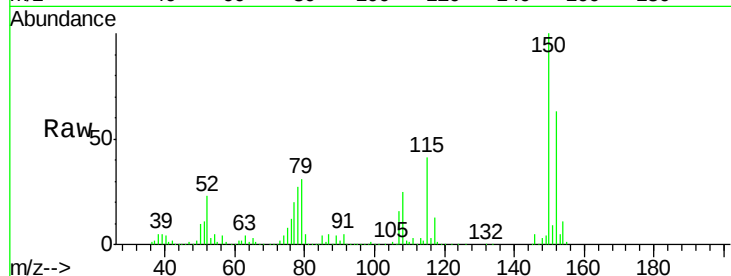
Tot Ion: 79 Resp: 393180

Ion Ratio Lower Upper

79 100

108 79.4 62.1 93.1

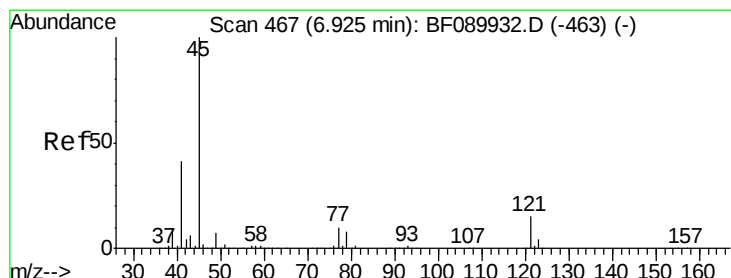
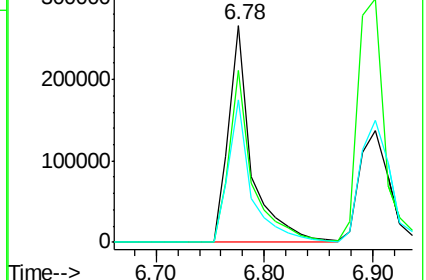
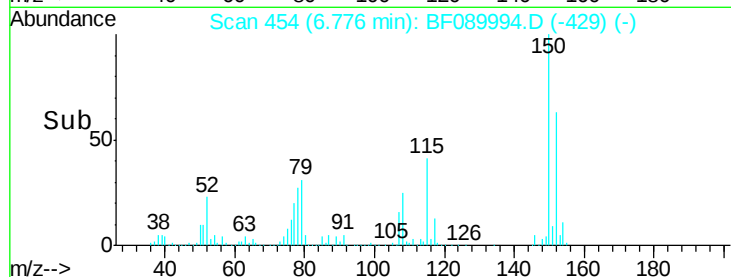
77 65.5 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.84 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

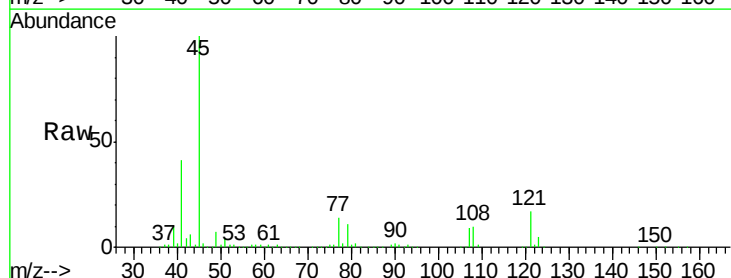
Tgt Ion: 45 Resp: 992379

Ion Ratio Lower Upper

45 100

77 13.8 0.0 30.3

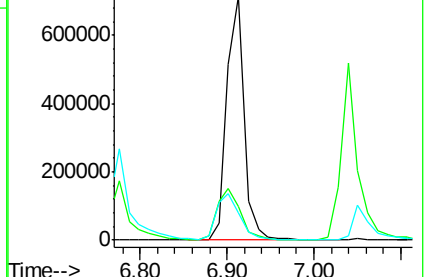
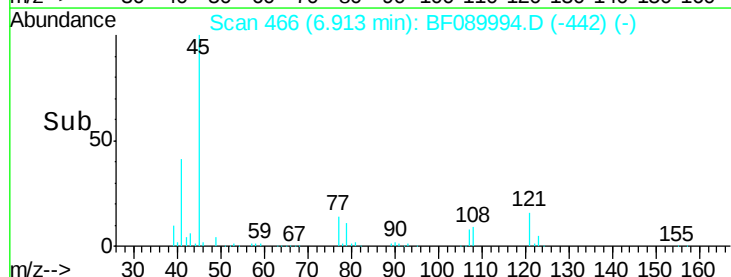
79 11.3 0.0 27.5

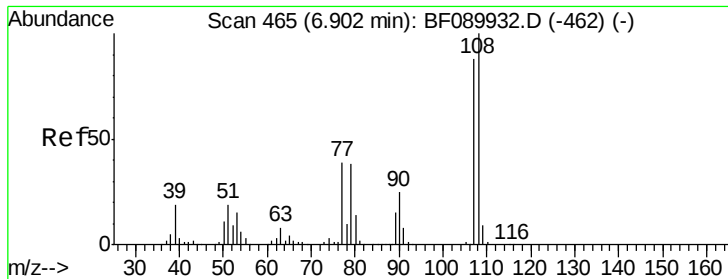


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.09 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF089994.D

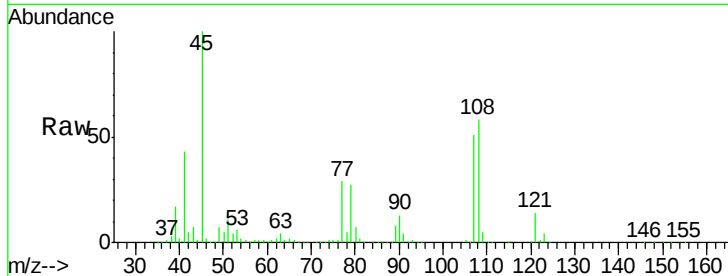
Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	435616
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	57.5	36.0	54.0#
79	52.2	35.9	53.9

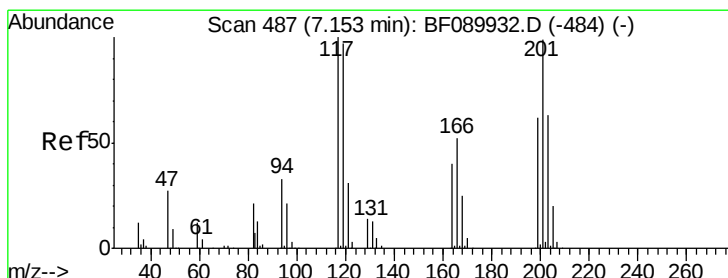
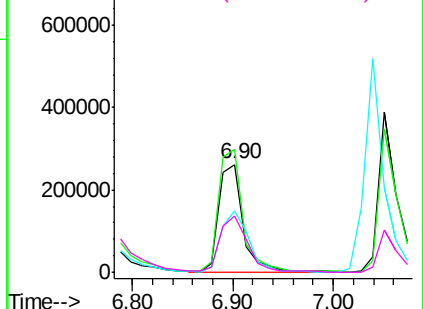
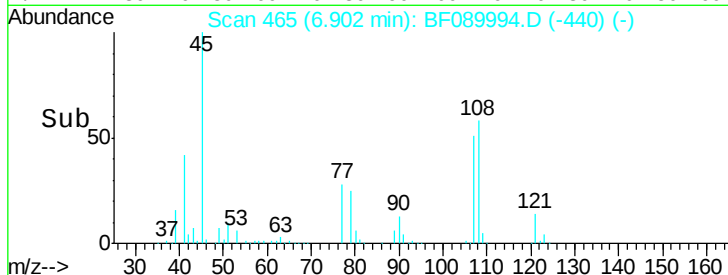


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.35 ng

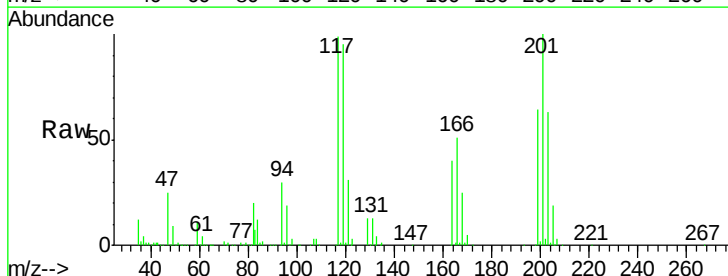
RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

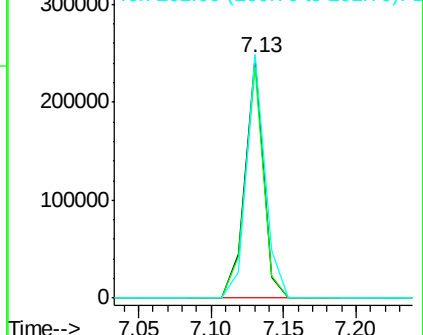
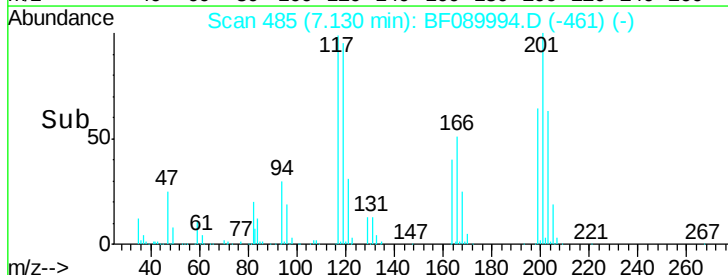
Tgt Ion:	117	Resp:	214952
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.2
201	101.2	80.2	120.2



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

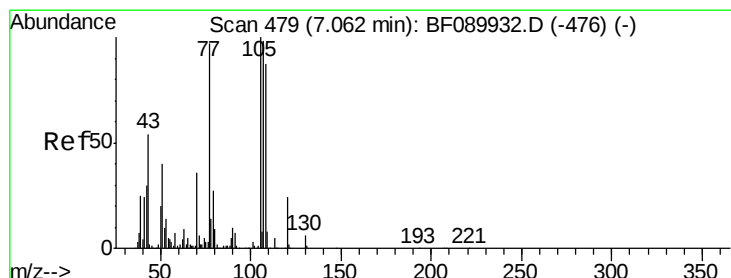
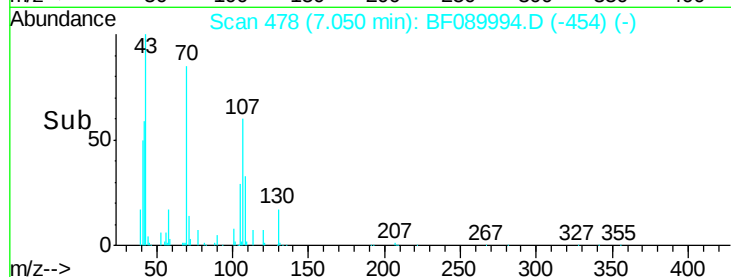
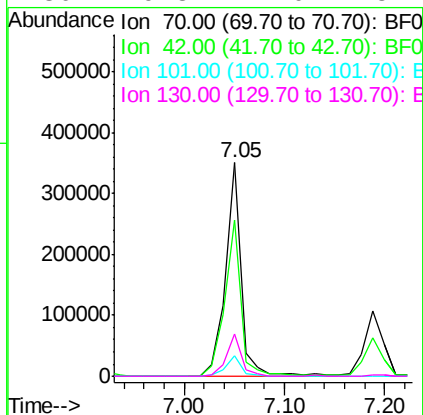
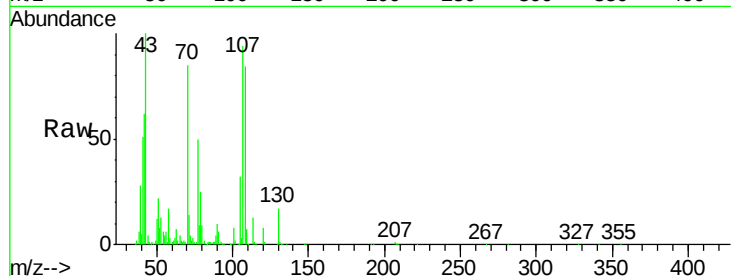




#19
n-Nitroso-di-n-propylamine
Concen: 37.60 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

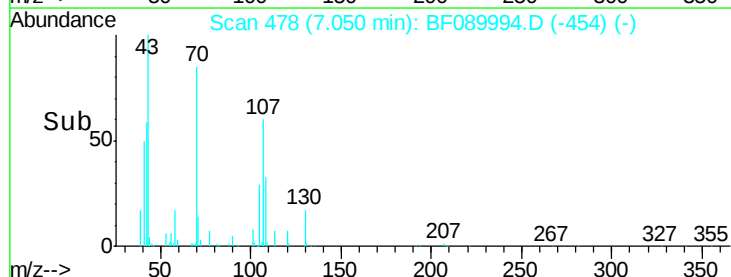
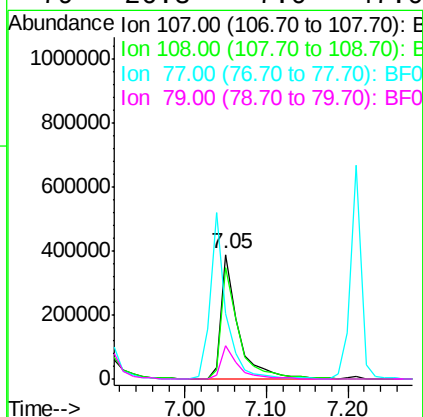
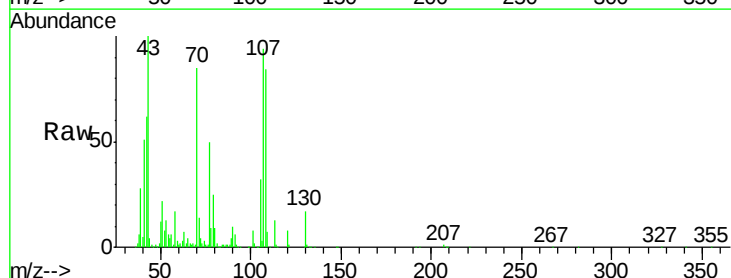
Instrument :
BNA_F
ClientSampleId :

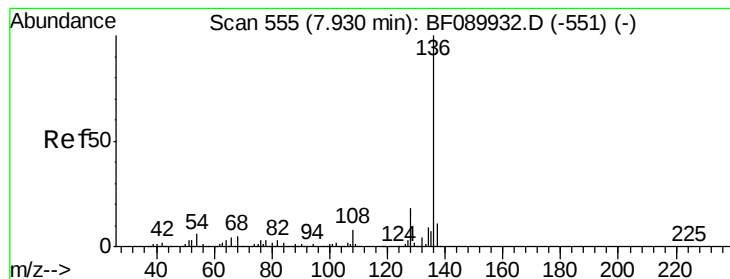
Tot Ion: 70 Resp: 383017
Ion Ratio Lower Upper
70 100
42 73.1 52.1 78.1
101 9.5 7.4 11.2
130 19.8 17.0 25.4



#20
3+4-Methylphenols
Concen: 41.00 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion: 107 Resp: 553947
Ion Ratio Lower Upper
107 100
108 89.8 70.2 110.2
77 52.9 75.7 115.7#
79 26.3 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 843625

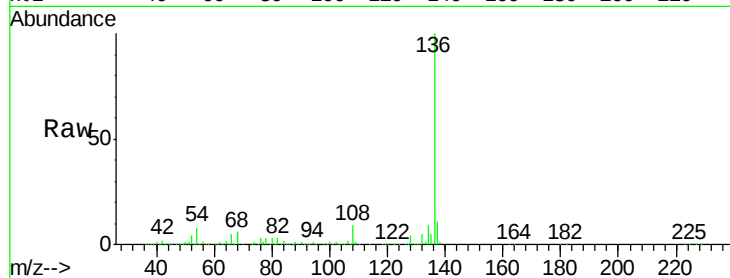
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 8.3 4.8 7.2#

68 5.8 3.7 5.5#

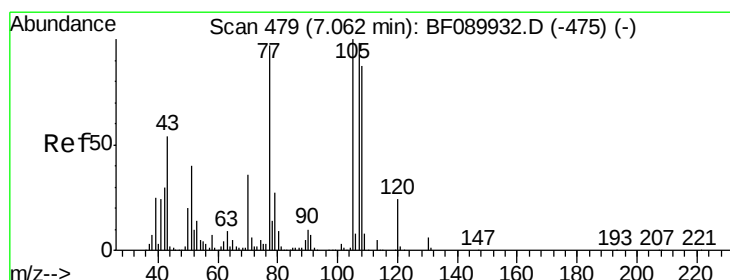
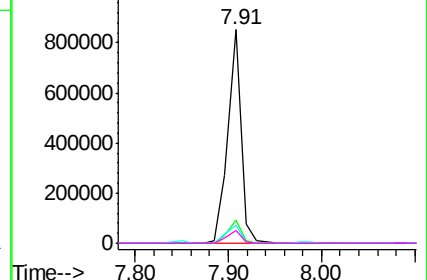
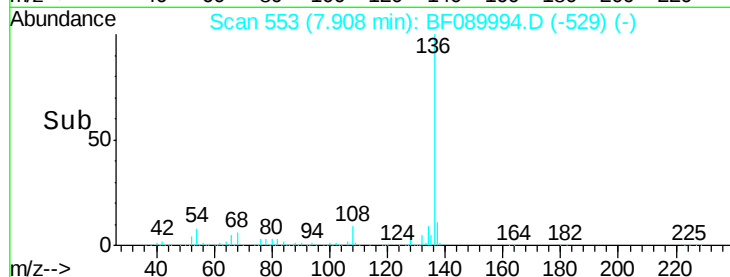


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.36 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Tgt Ion:105 Resp: 725910

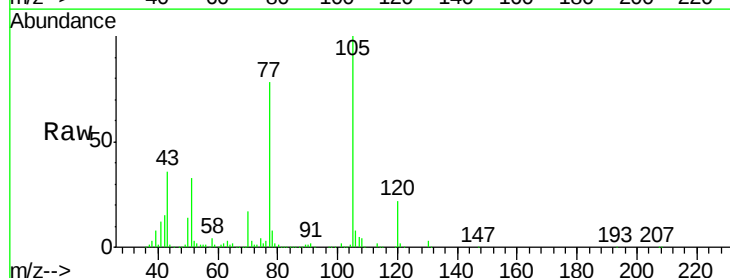
Ion Ratio Lower Upper

105 100

71 2.8 5.3 7.9#

51 33.2 32.6 48.8

120 22.1 18.6 28.0

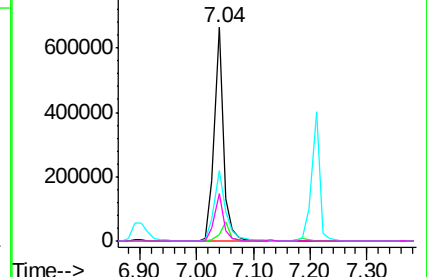
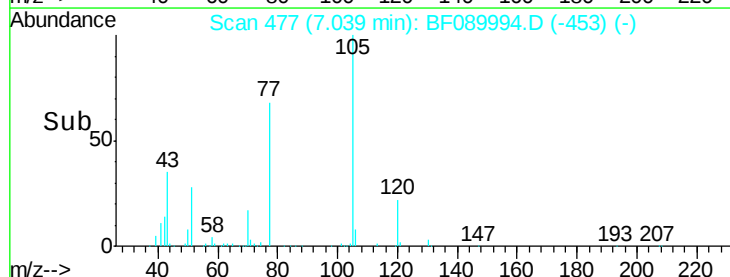


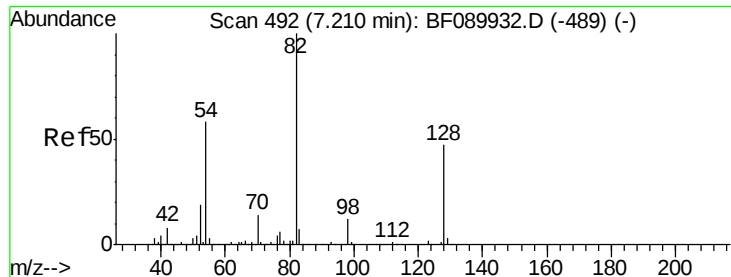
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

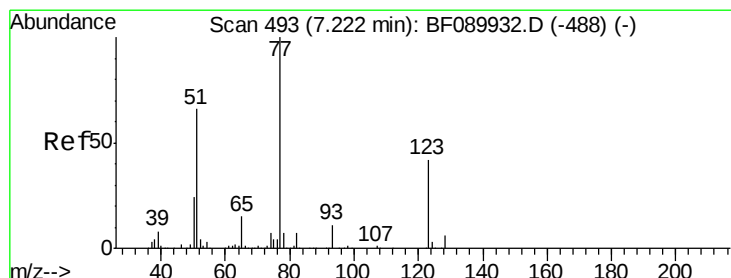
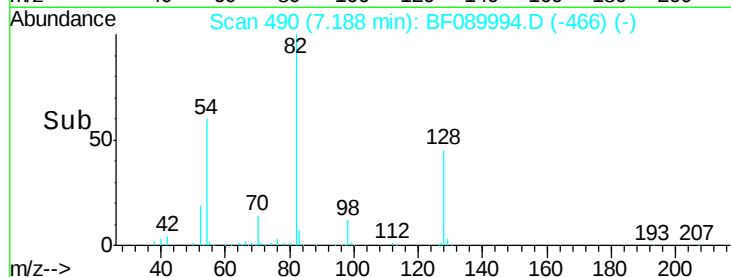
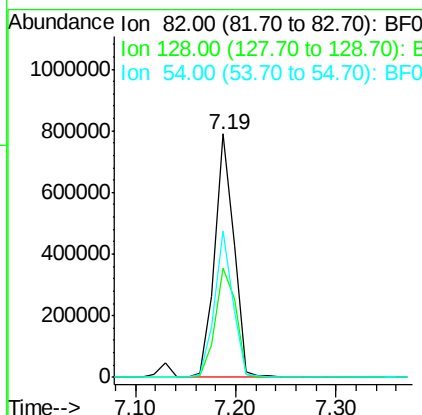
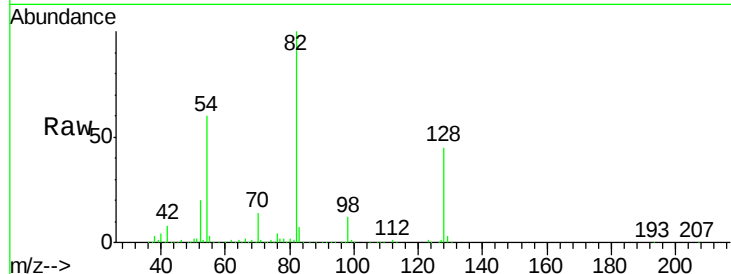




#23
 Nitrobenzene-d5
 Concen: 72.20 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

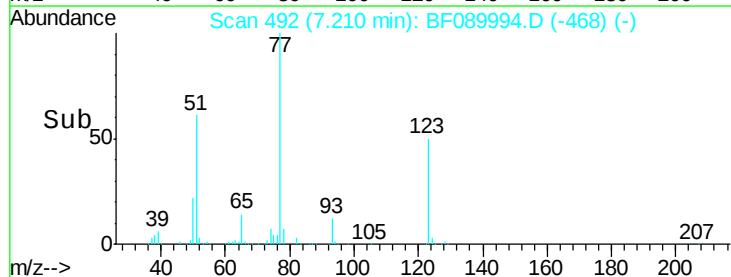
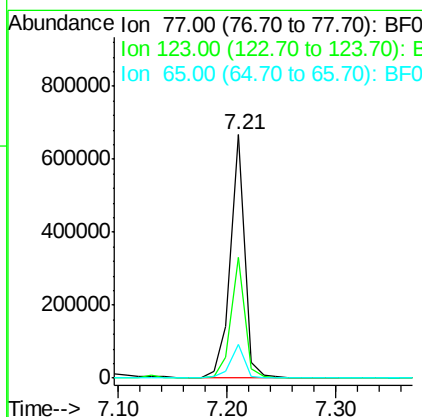
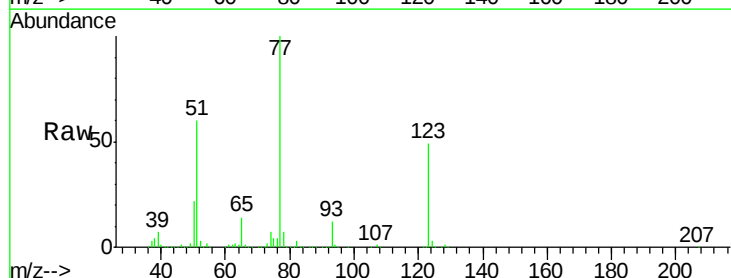
Instrument :
 BNA_F
 ClientSampleId :

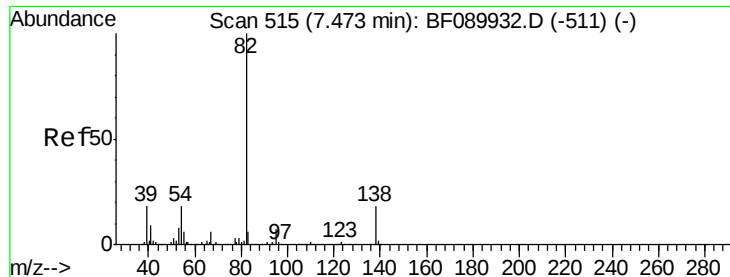
Tot Ion: 82 Resp: 1050262
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.8 56.8
 54 60.1 46.9 70.3



#24
 Nitrobenzene
 Concen: 39.21 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion: 77 Resp: 606331
 Ion Ratio Lower Upper
 77 100
 123 49.4 32.0 48.0#
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 36.71 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

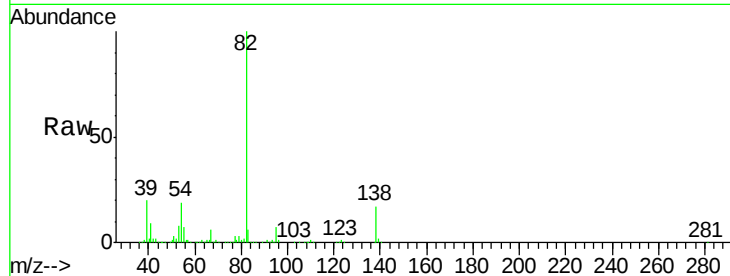
Tot Ion: 82 Resp: 1085905

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

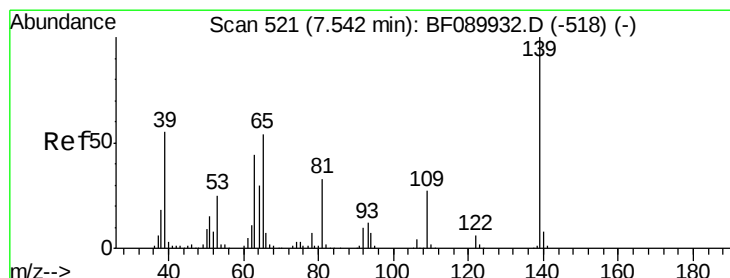
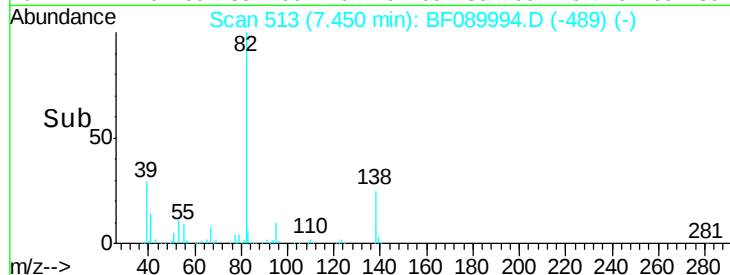
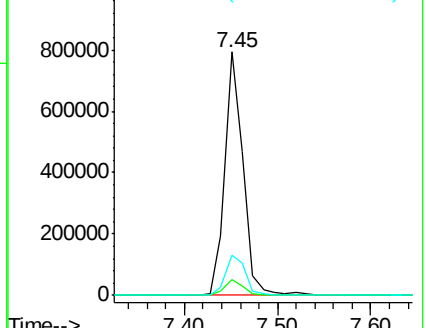
138 16.6 14.4 21.6



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: 42.37 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

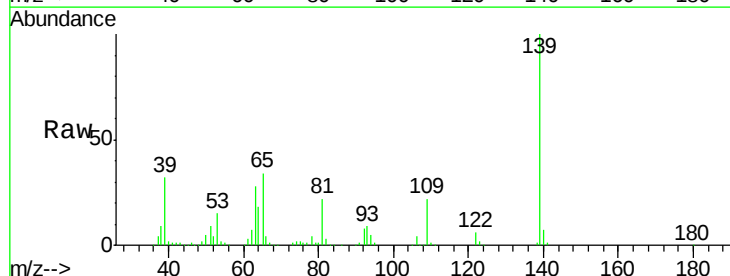
Tgt Ion: 139 Resp: 313238

Ion Ratio Lower Upper

139 100

109 21.6 21.0 31.4

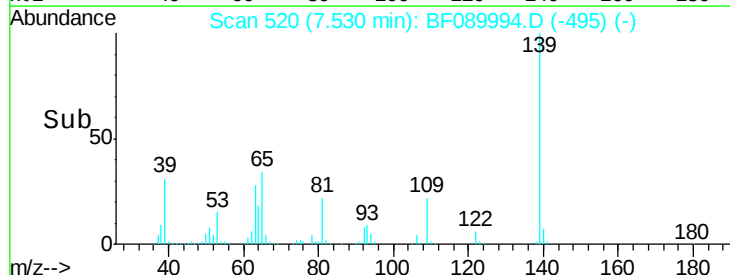
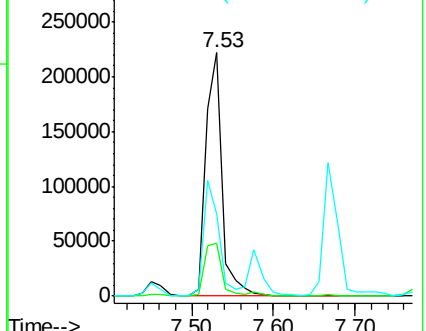
65 34.1 43.4 65.0#

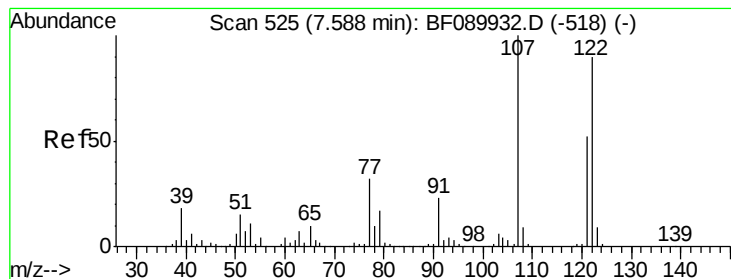


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.95 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

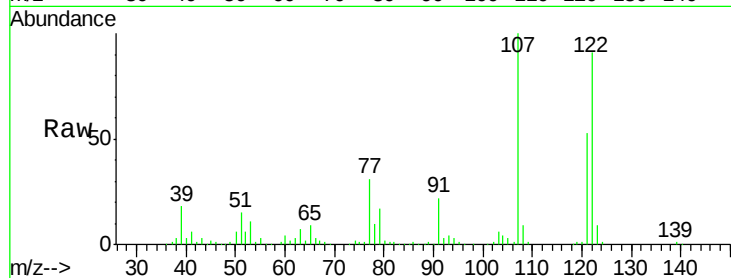
Tot Ion:122 Resp: 491620

Ion Ratio Lower Upper

122 100

107 110.4 88.5 132.7

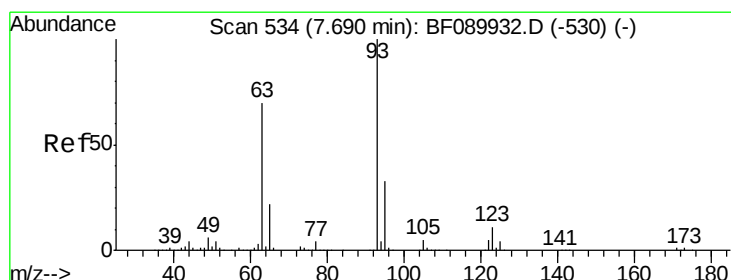
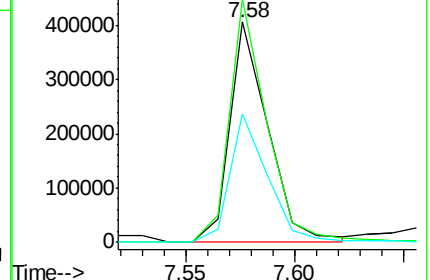
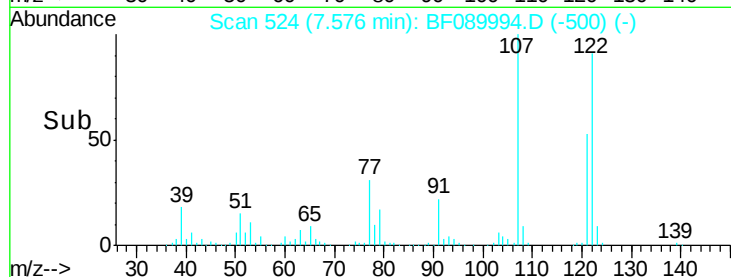
121 58.4 46.0 69.0



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: 36.85 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

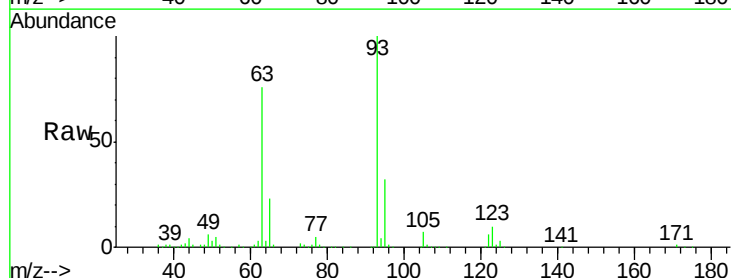
Tgt Ion: 93 Resp: 657459

Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

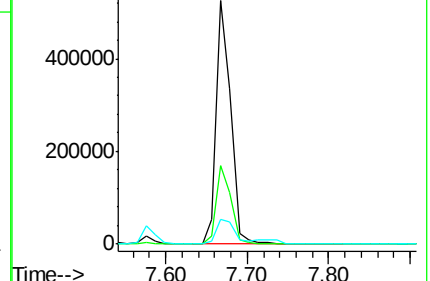
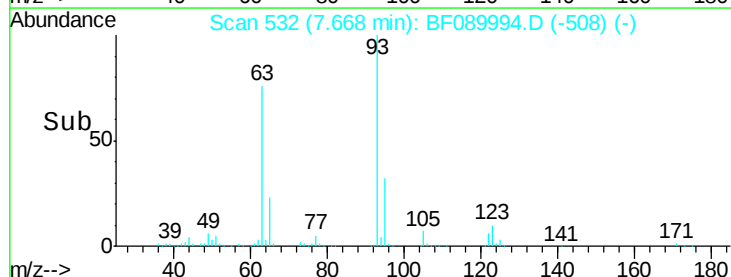
123 10.2 9.1 13.7

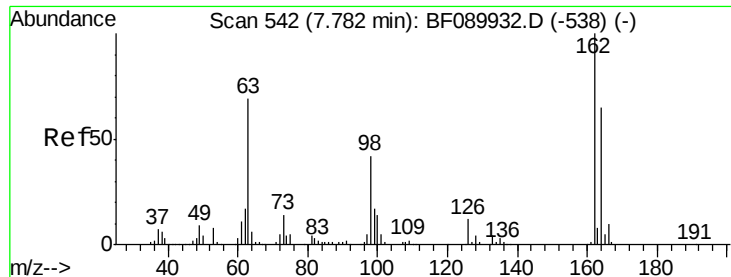


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

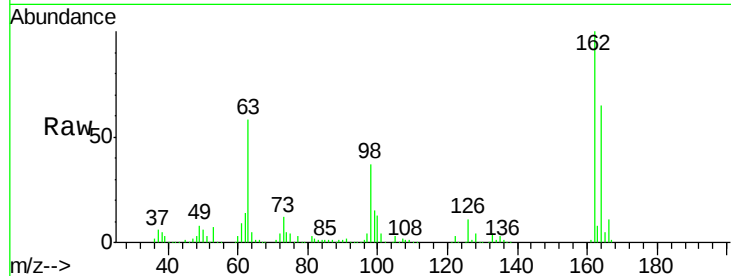




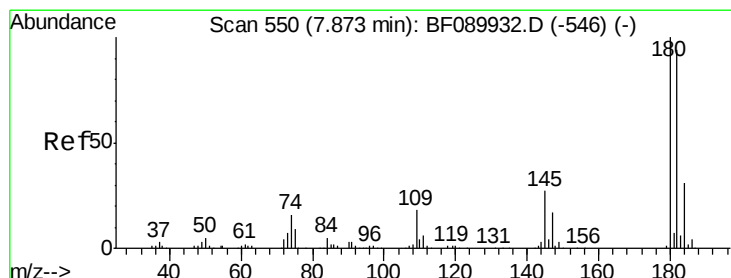
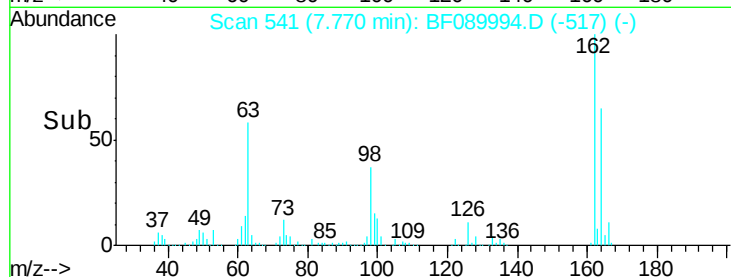
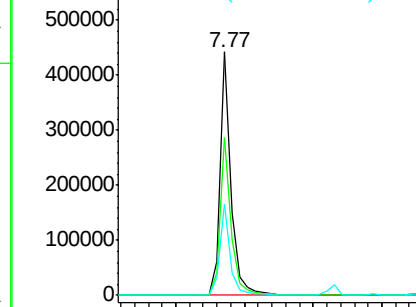
#29
 2,4-Dichlorophenol
 Concen: 40.55 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.6	86.6
98	37.5	22.0	62.0

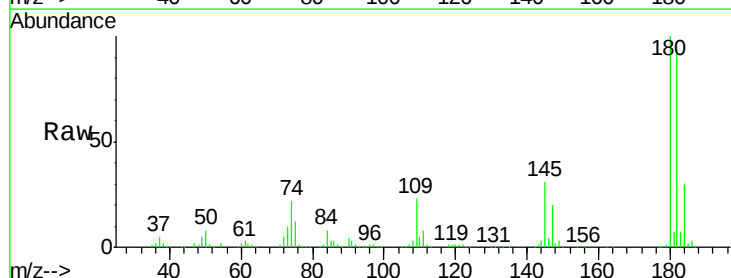


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

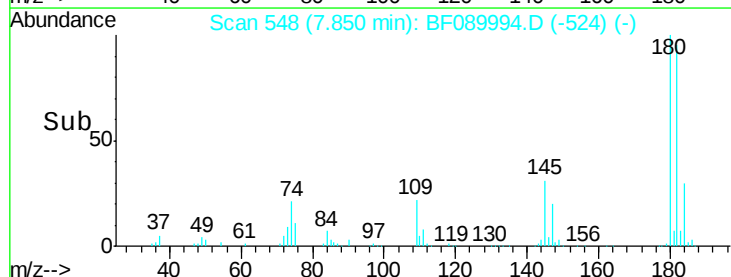
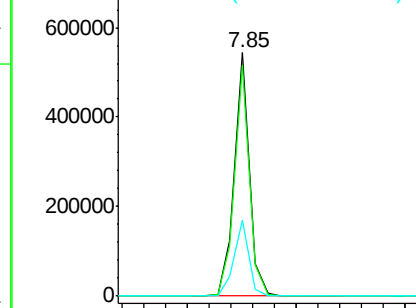


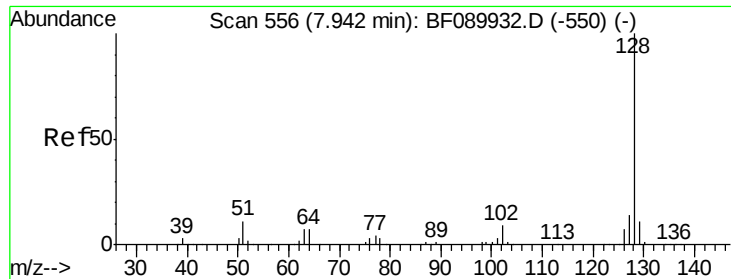
#30
 1,2,4-Trichlorobenzene
 Concen: 38.43 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	31.0	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: 38.87 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

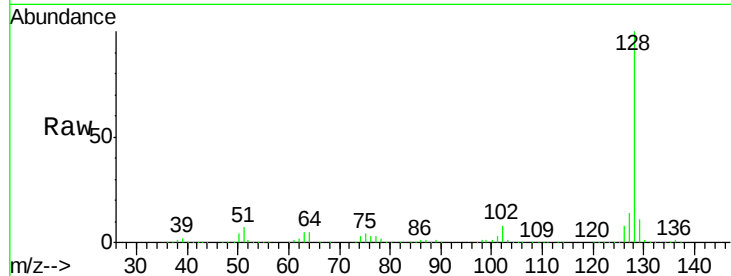
Tot Ion:128 Resp: 1633417

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

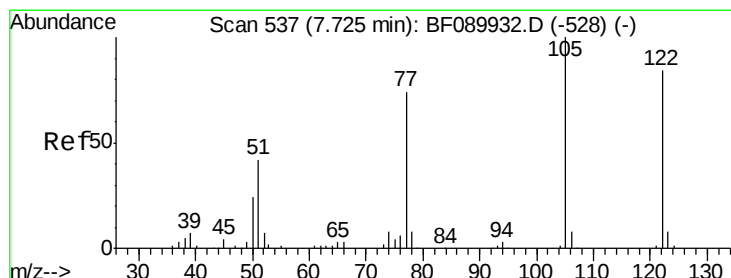
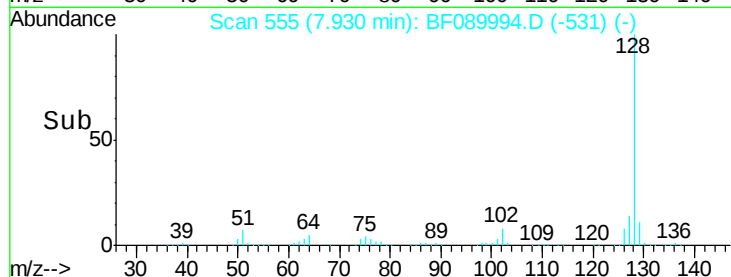
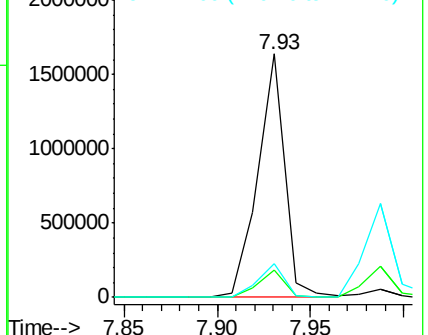
127 13.7 10.7 16.1



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: 48.22 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

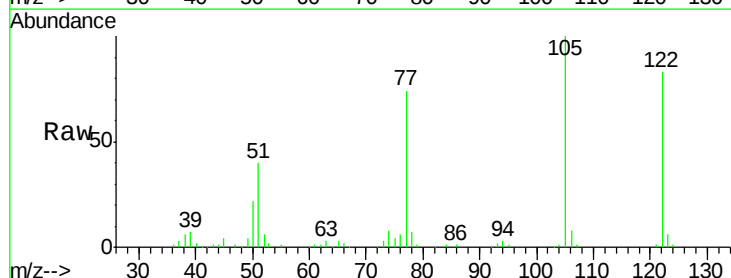
Tgt Ion:122 Resp: 444202

Ion Ratio Lower Upper

122 100

105 120.6 102.2 142.2

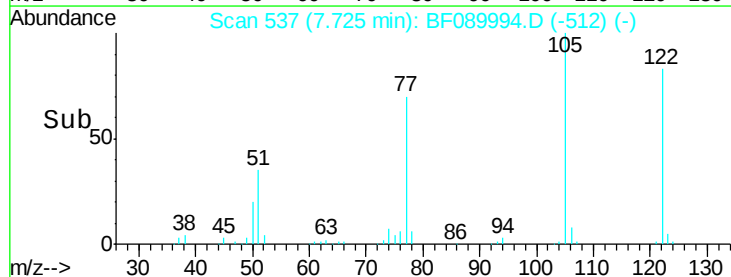
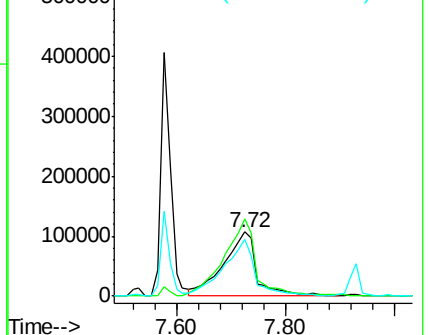
77 89.2 74.1 114.1

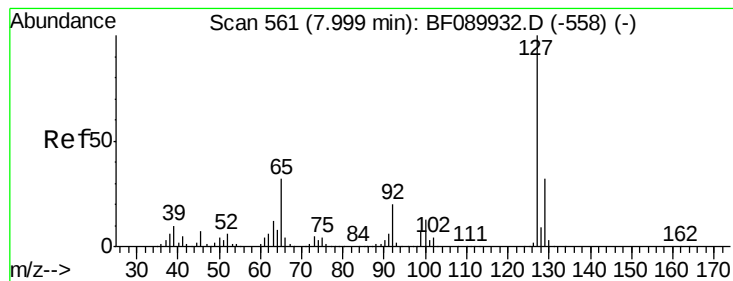


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.06 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 696320

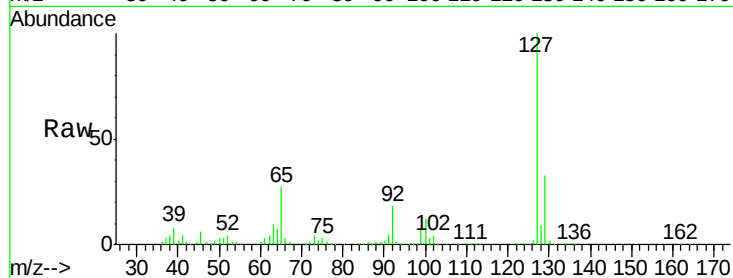
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 26.5 26.0 39.0

92 17.7 15.9 23.9

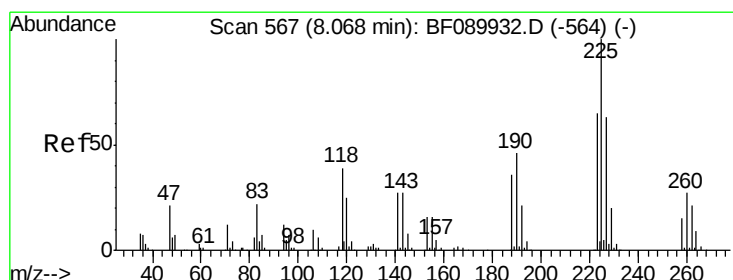
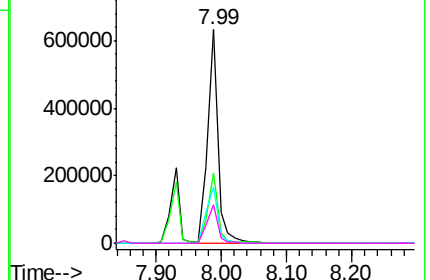
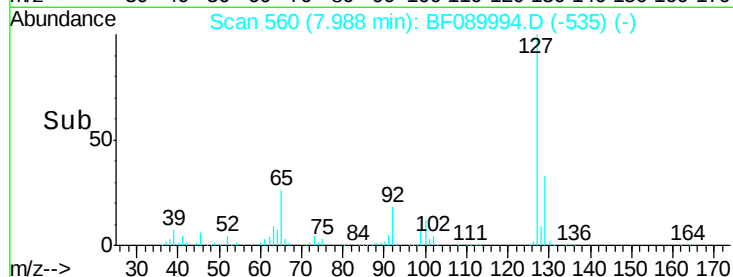


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.38 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

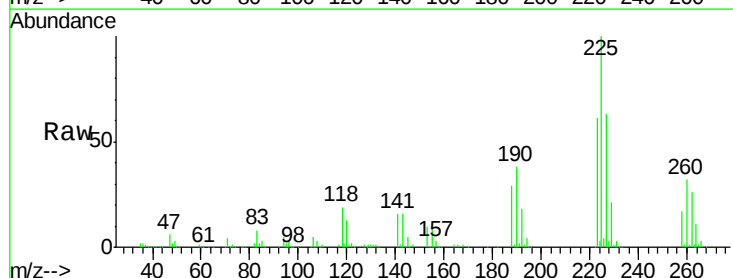
Tgt Ion:225 Resp: 317121

Ion Ratio Lower Upper

225 100

223 61.1 52.6 78.8

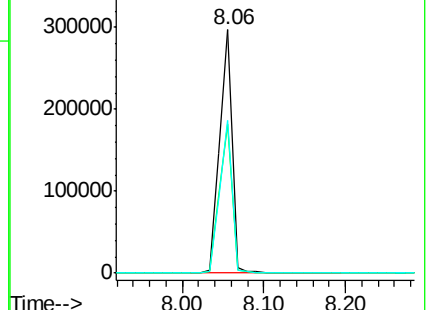
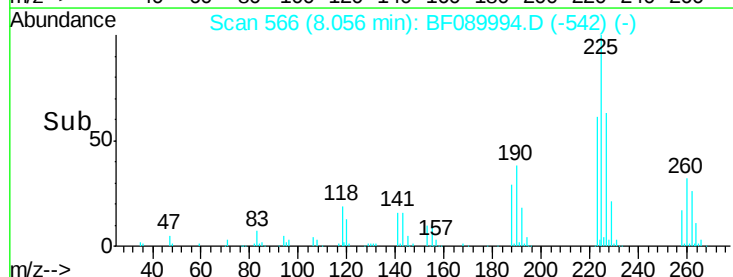
227 63.0 50.8 76.2

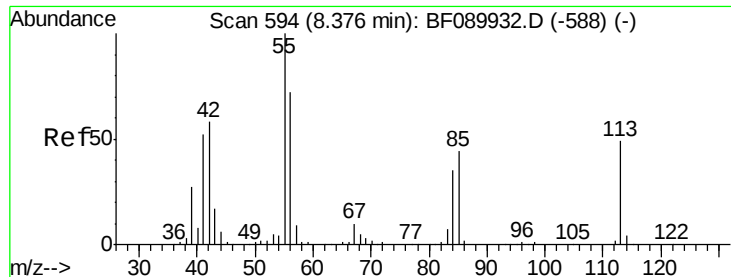


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.39 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

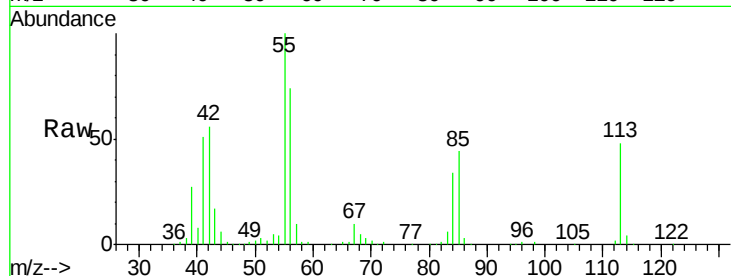
Tot Ion:113 Resp: 144660

Ion Ratio Lower Upper

113 100

55 207.2 178.5 218.5

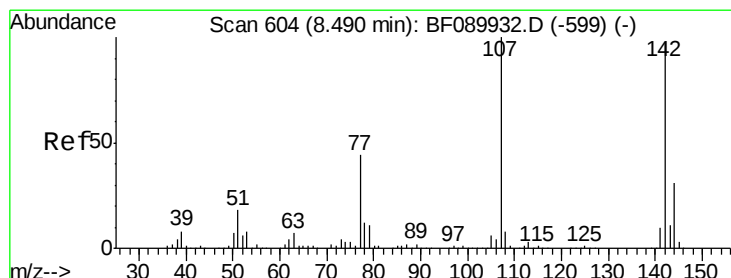
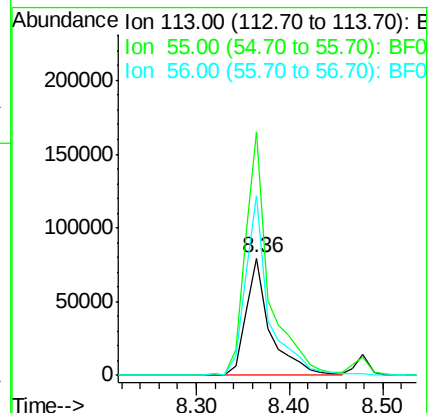
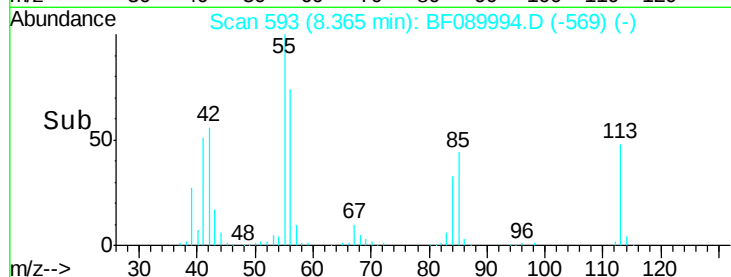
56 152.6 122.7 162.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.41 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

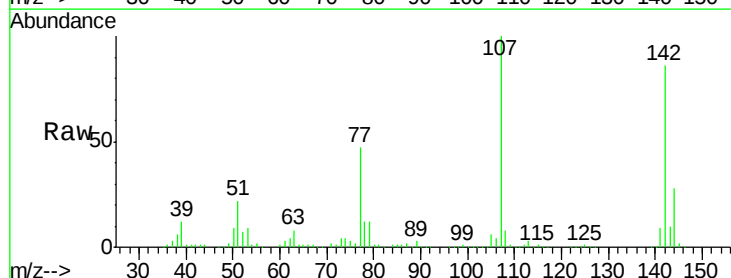
Tgt Ion:107 Resp: 537575

Ion Ratio Lower Upper

107 100

144 28.0 25.8 38.8

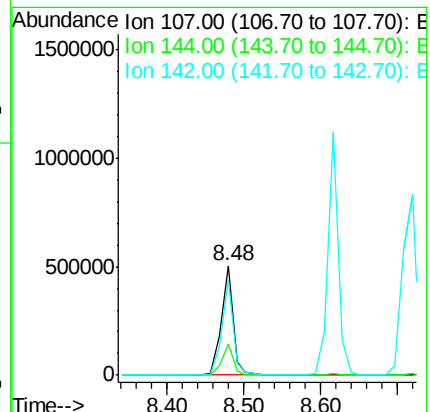
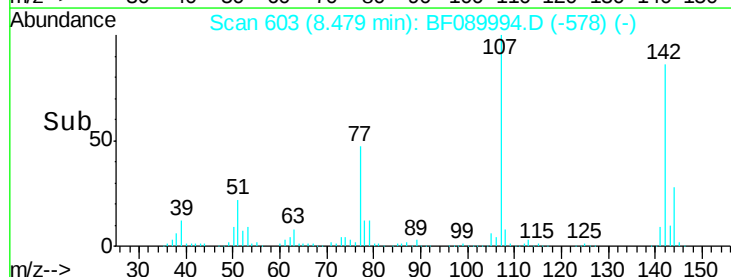
142 86.4 79.2 118.8

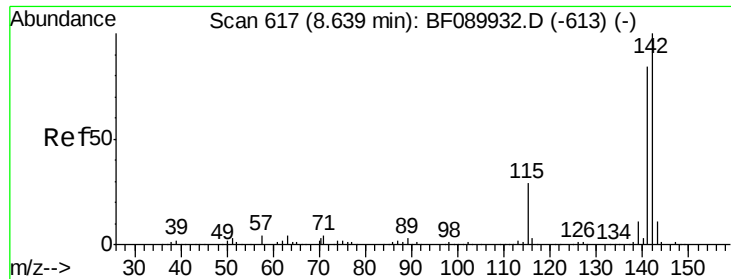


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

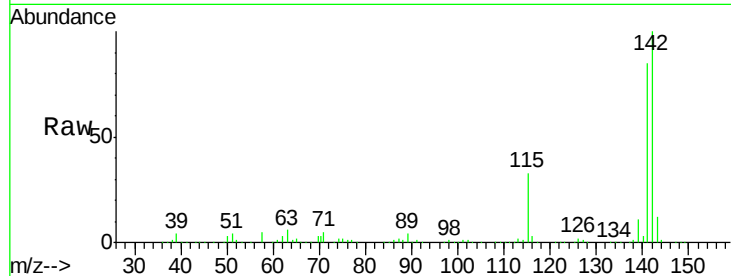




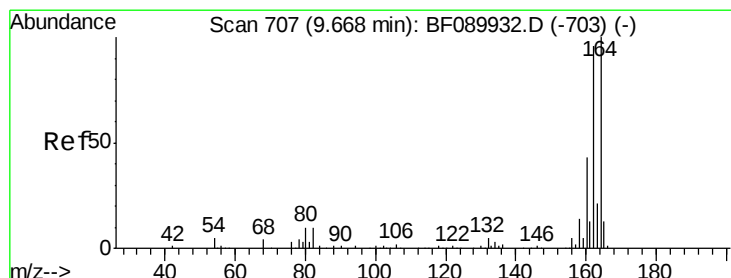
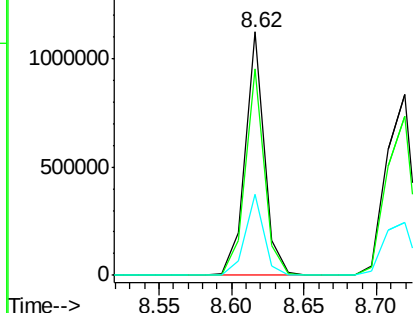
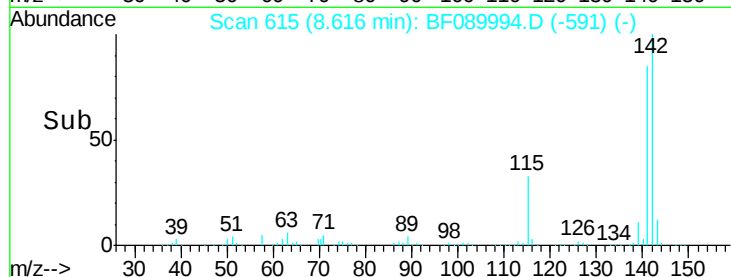
#37
2-Methylnaphthalene
Concen: 37.05 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1029000
Ion Ratio Lower Upper
142 100
141 85.0 68.3 102.5
115 33.1 23.8 35.8

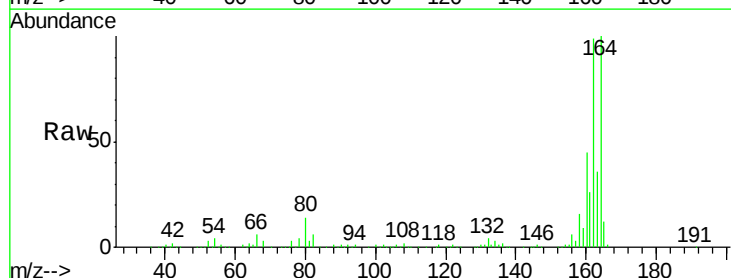


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

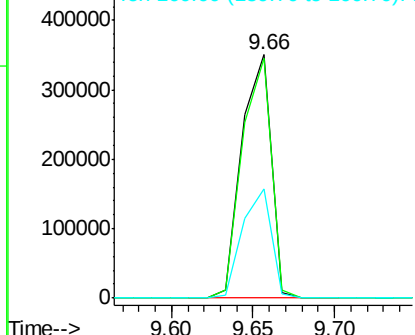
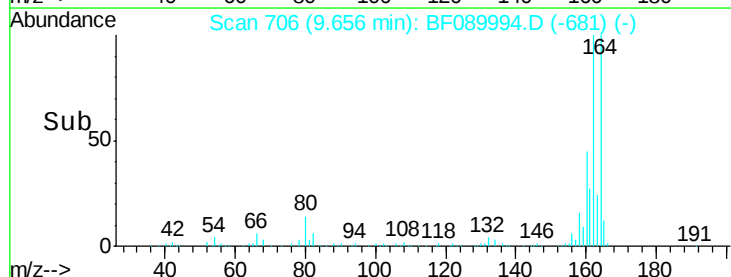


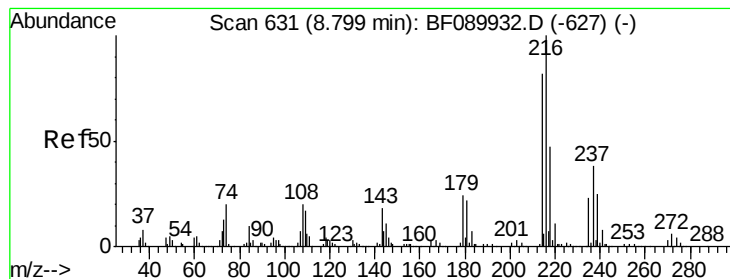
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:164 Resp: 434977
Ion Ratio Lower Upper
164 100
162 98.5 77.1 115.7
160 44.8 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: 41.74 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 531835

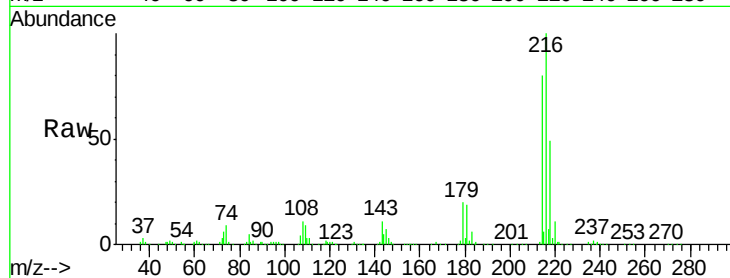
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 20.7 17.3 25.9

108 16.0 15.5 23.3

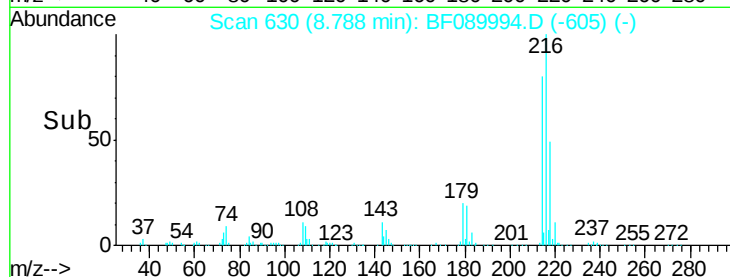


Abundance Ion 216.00 (215.70 to 216.70): E

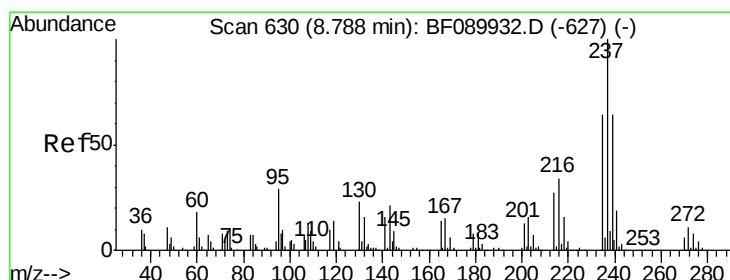
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.70 8.75 8.80 8.85 8.90



#40

Hexachlorocyclopentadiene

Concen: 44.96 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

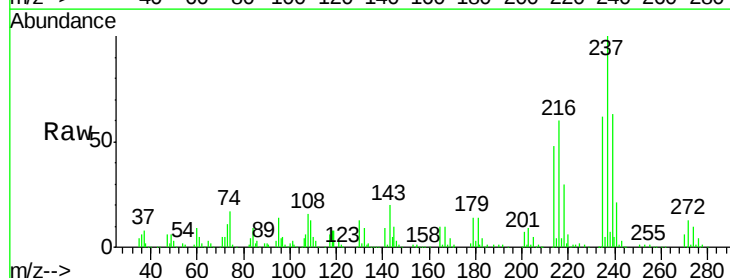
Tgt Ion:237 Resp: 293767

Ion Ratio Lower Upper

237 100

235 61.7 39.6 79.6

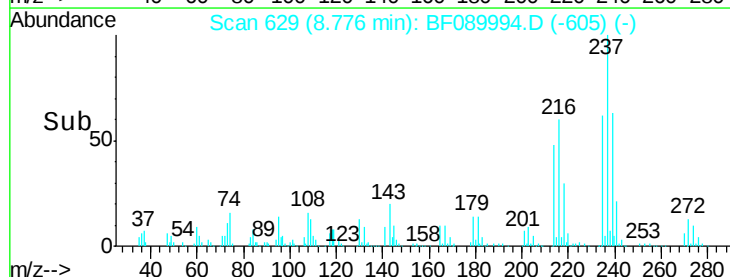
272 13.0 0.0 34.6



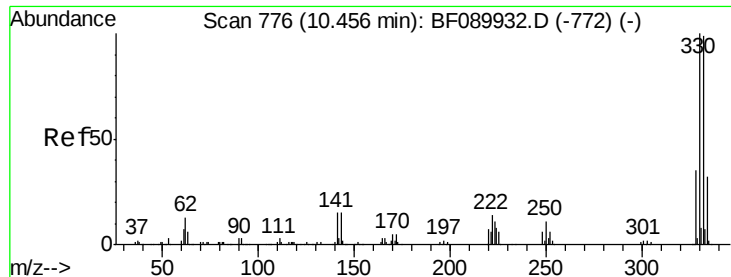
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



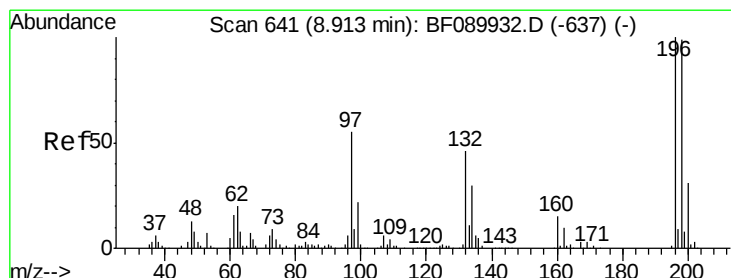
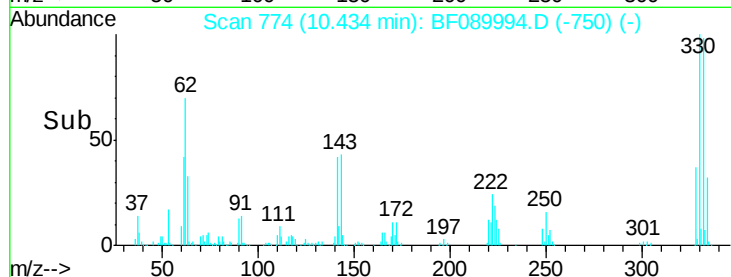
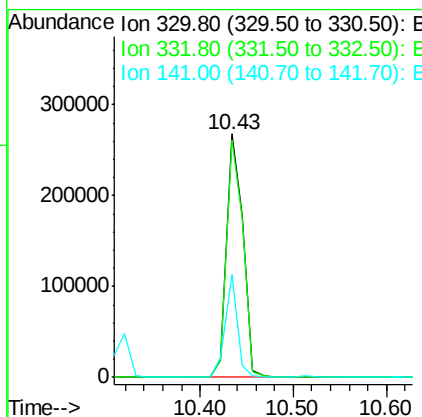
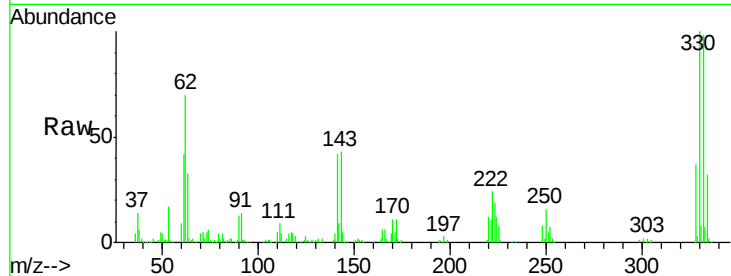
Time--> 8.70 8.75 8.80 8.85 8.90



#41
 2,4,6-Tribromophenol
 Concen: 76.54 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

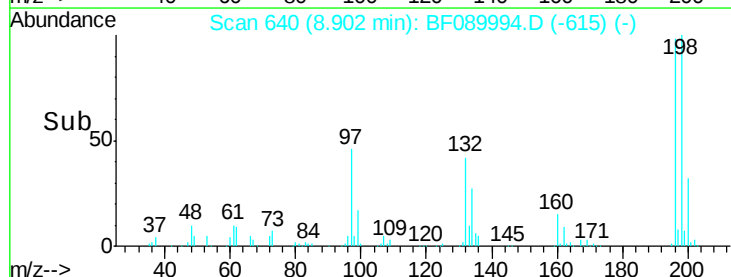
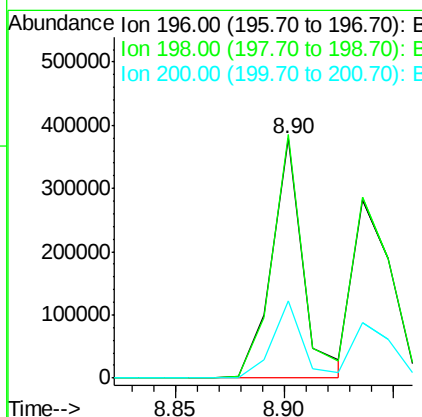
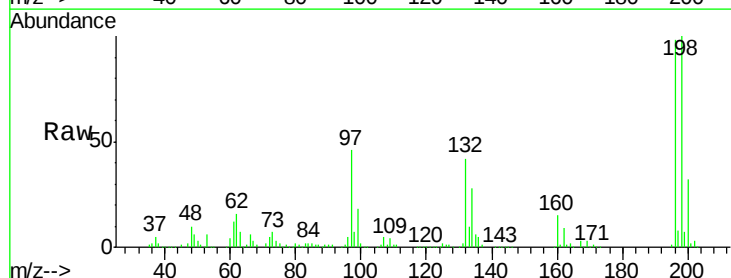
Instrument :
 BNA_F
 ClientSampleId :

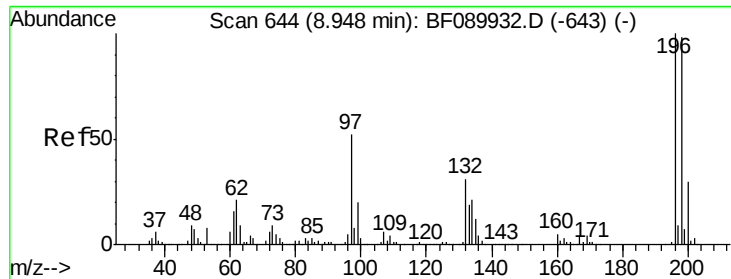
Tot Ion:330 Resp: 328461
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.6 117.8
 141 31.6 23.3 34.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.27 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:196 Resp: 382143
 Ion Ratio Lower Upper
 196 100
 198 101.6 78.3 117.5
 200 32.4 24.8 37.2

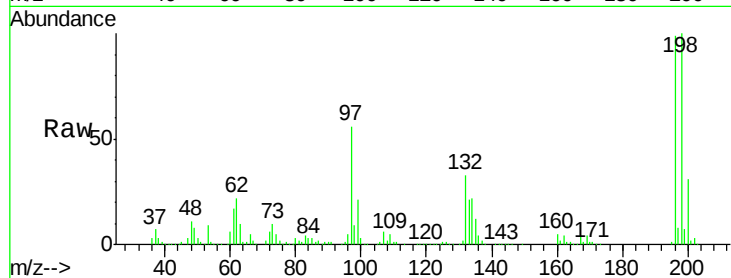




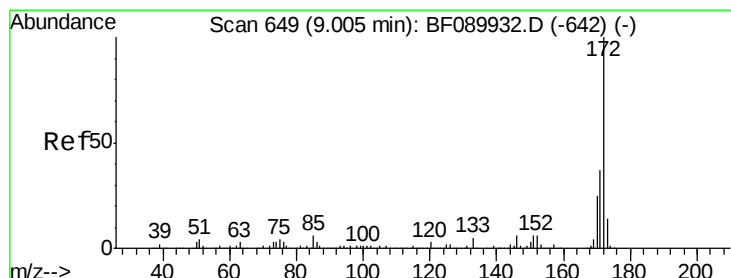
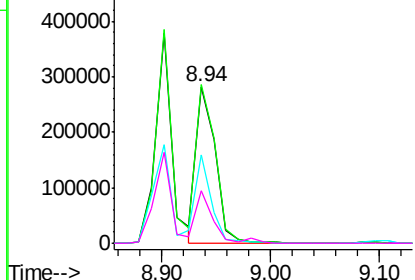
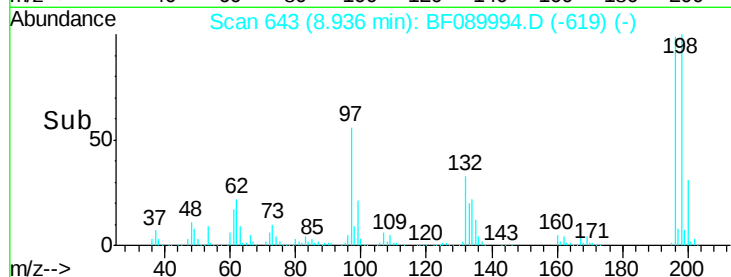
#43
 2,4,5-Trichlorophenol
 Concen: 40.89 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 347219
 Ion Ratio Lower Upper
 196 100
 198 101.2 80.8 121.2
 97 56.8 44.2 66.4
 132 33.3 25.8 38.6

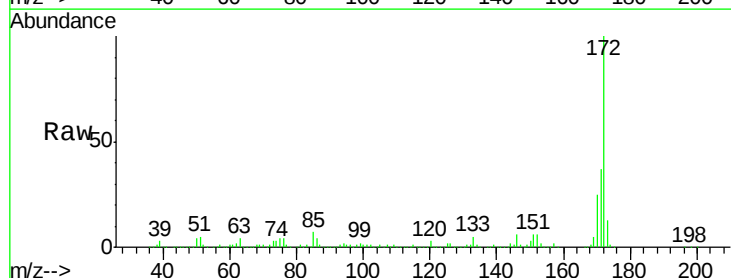


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

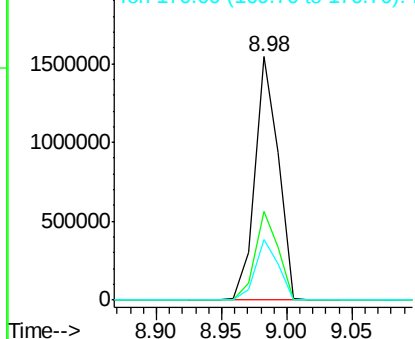
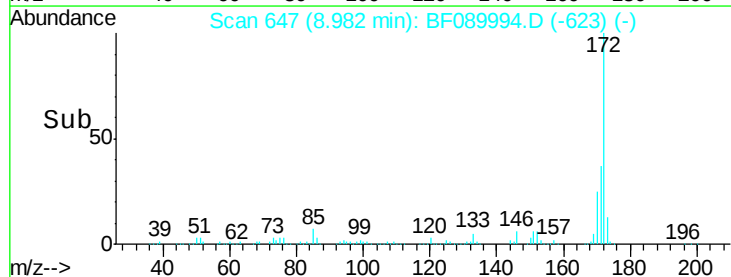


#44
 2-Fluorobiphenyl
 Concen: 72.97 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:172 Resp: 1933616
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.9 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

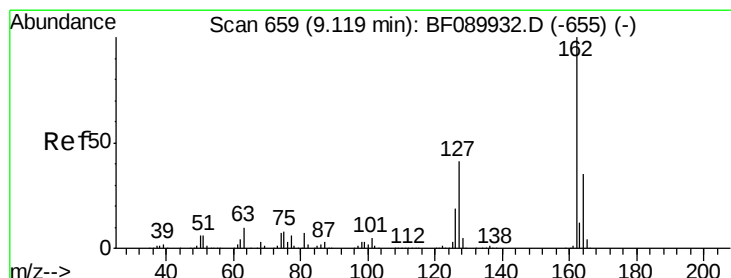
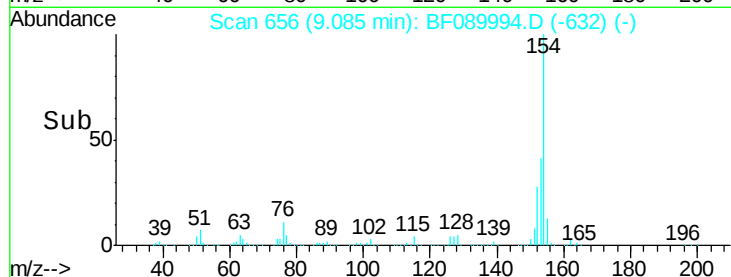
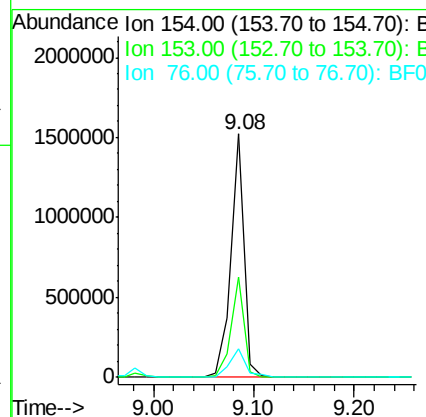
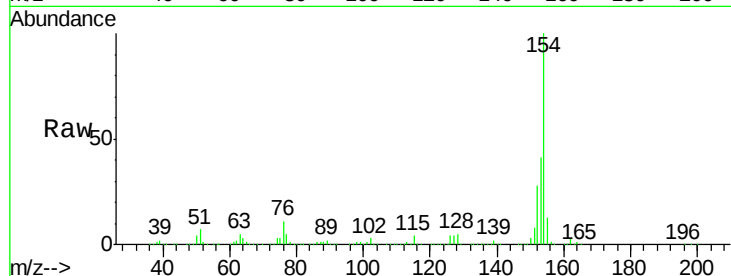




#45
 1,1'-Biphenyl
 Concen: 39.47 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

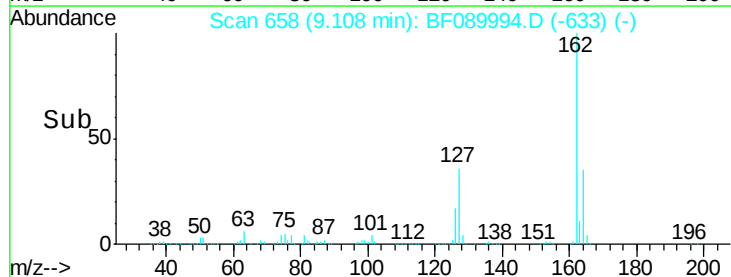
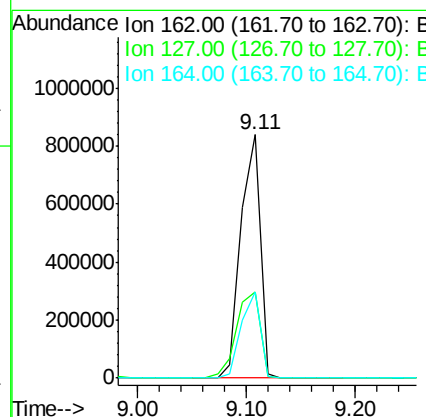
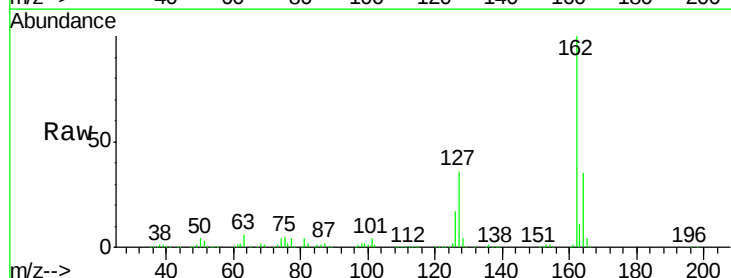
Instrument :
 BNA_F
 ClientSampleId :

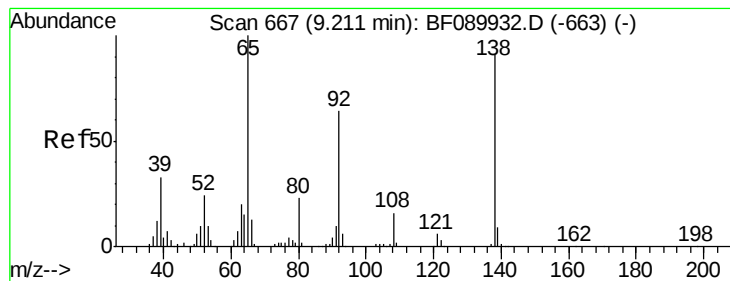
Tot Ion:154 Resp: 1382402
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 11.5 0.0 34.9



#46
 2-Chloronaphthalene
 Concen: 41.30 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:162 Resp: 1023125
 Ion Ratio Lower Upper
 162 100
 127 35.5 33.5 50.3
 164 35.4 28.2 42.4





#47

2-Nitroaniline

Concen: 38.58 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

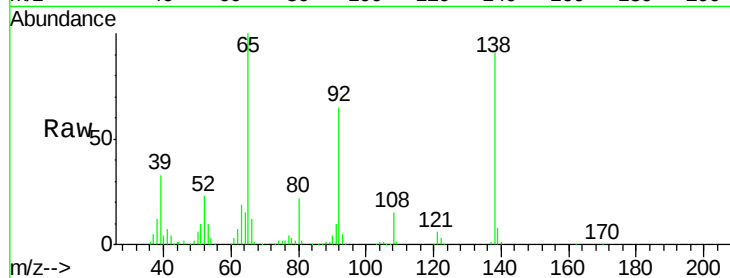
Tot Ion: 65 Resp: 312484

Ion Ratio Lower Upper

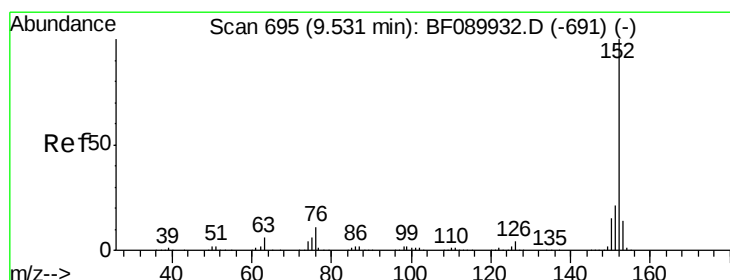
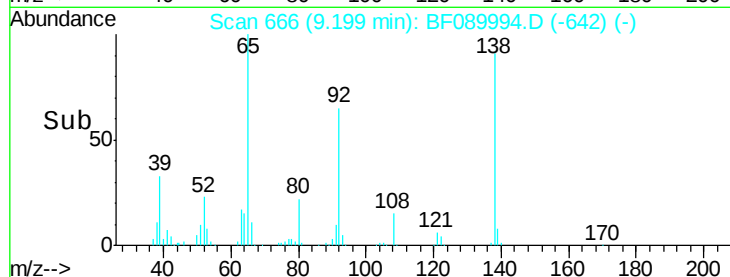
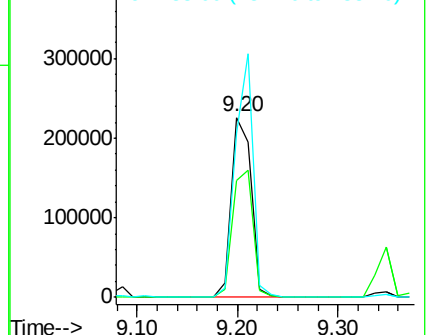
65 100

92 65.1 52.0 78.0

138 91.0 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: 37.17 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

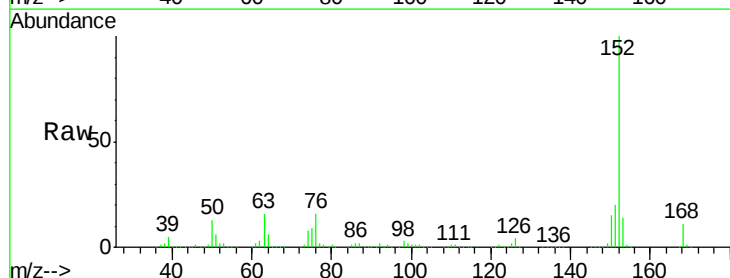
Tgt Ion: 152 Resp: 1522777

Ion Ratio Lower Upper

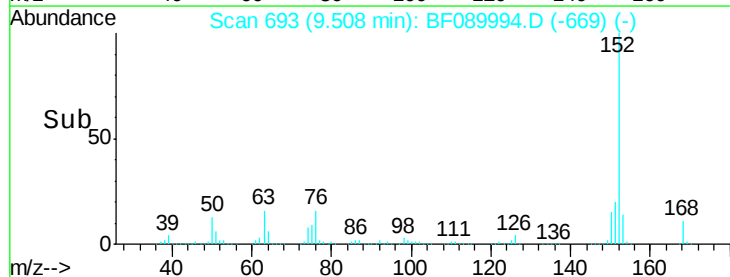
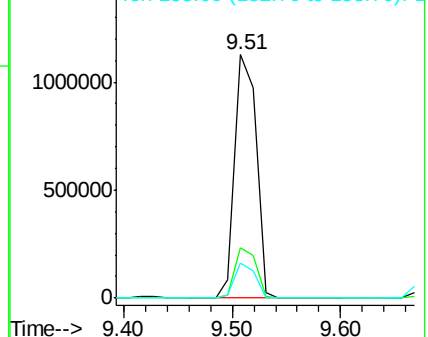
152 100

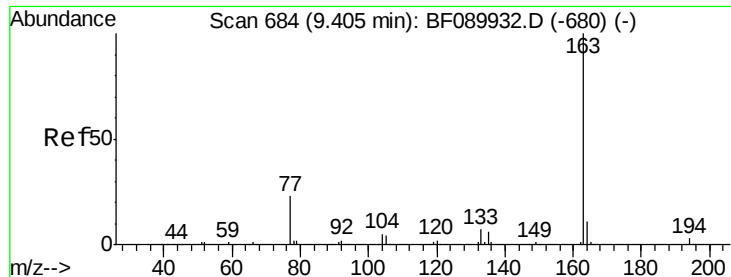
151 20.5 16.7 25.1

153 14.2 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

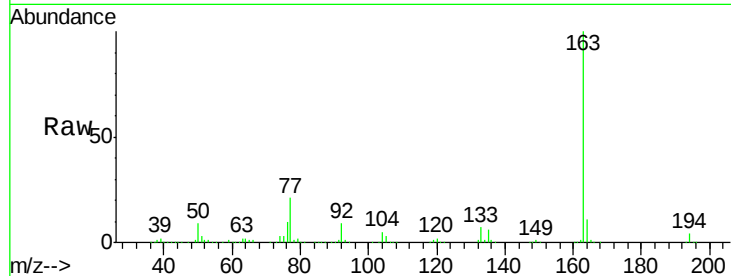




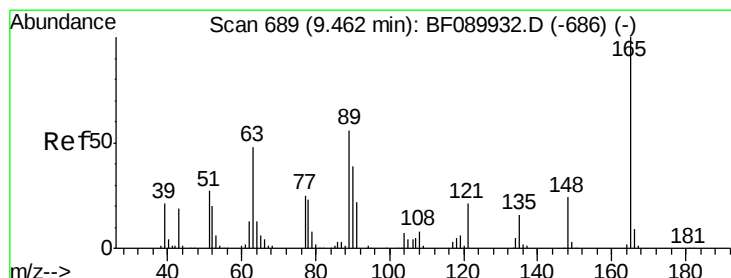
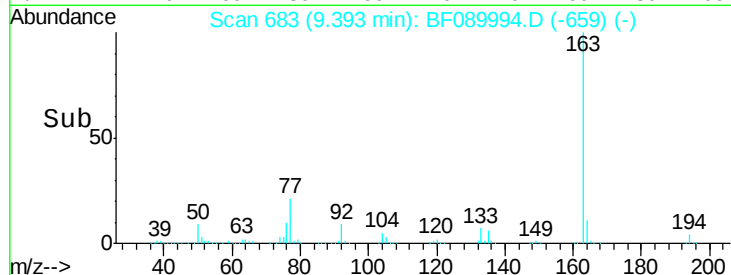
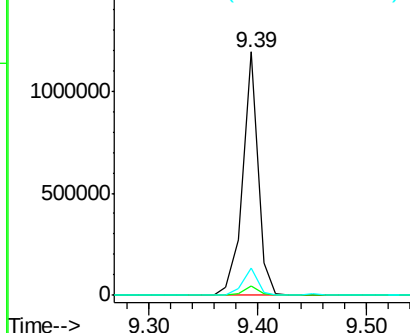
#49
Dimethylphthalate
Concen: 36.56 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1149428
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.0 9.0 13.4

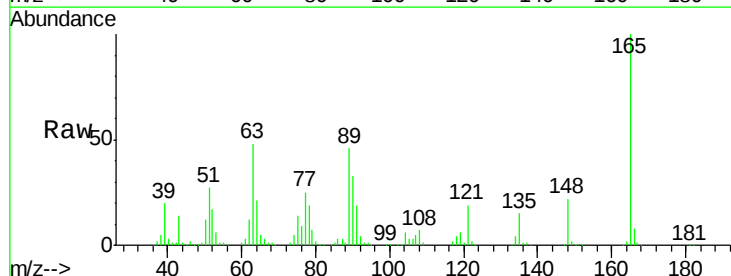


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

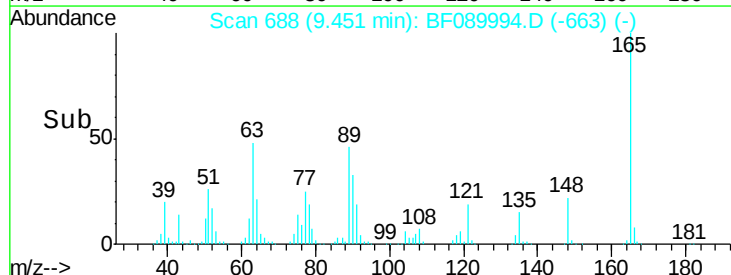
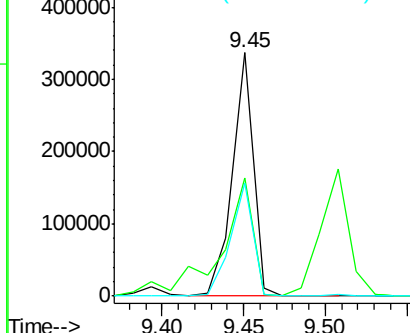


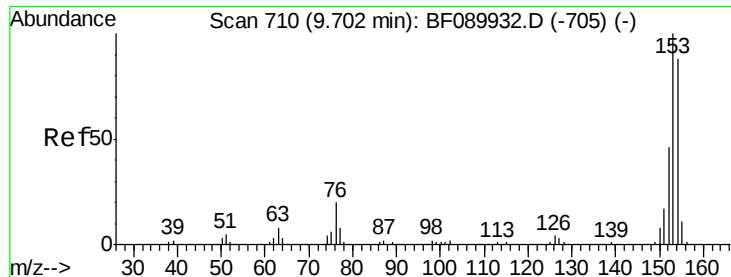
#50
2,6-Dinitrotoluene
Concen: 42.52 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:165 Resp: 297287
Ion Ratio Lower Upper
165 100
63 48.3 45.0 67.4
89 46.3 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

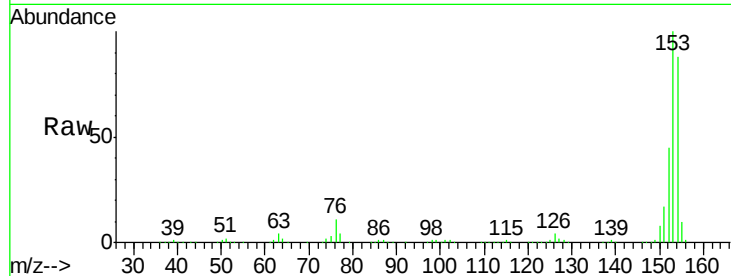




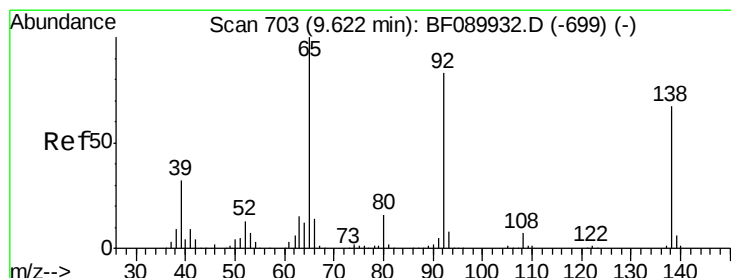
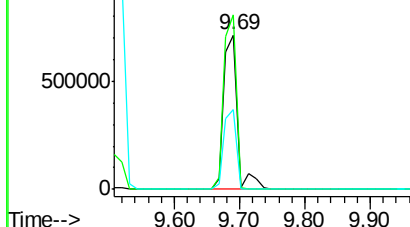
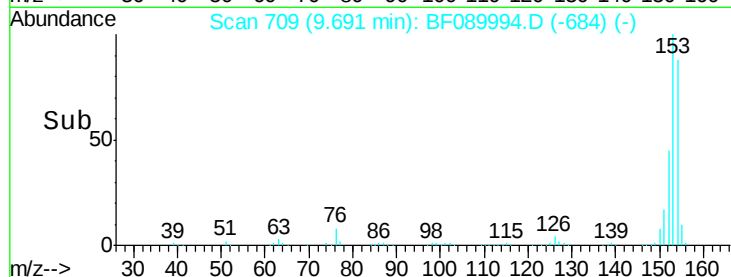
#51
Acenaphthene
Concen: 40.88 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1060970
Ion Ratio Lower Upper
154 100
153 113.6 90.6 135.8
152 51.5 42.4 63.6

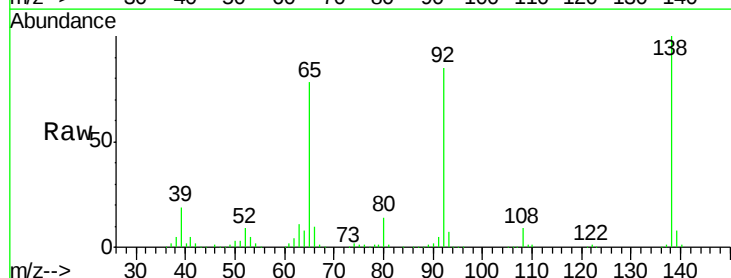


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

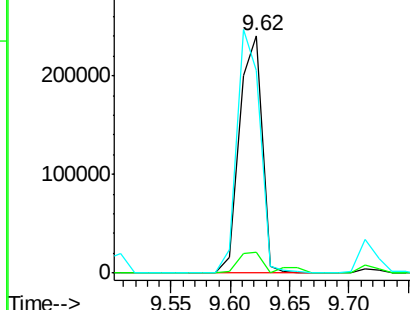
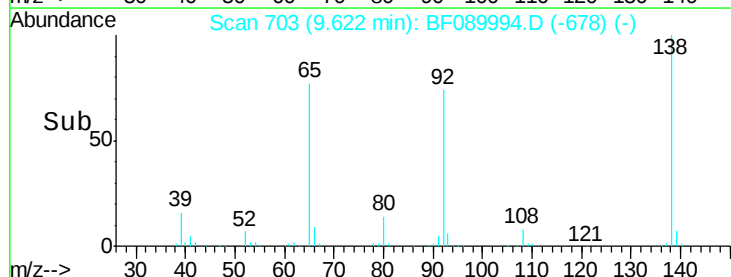


#52
3-Nitroaniline
Concen: 40.37 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:138 Resp: 321931
Ion Ratio Lower Upper
138 100
108 8.5 8.3 12.5
92 85.1 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

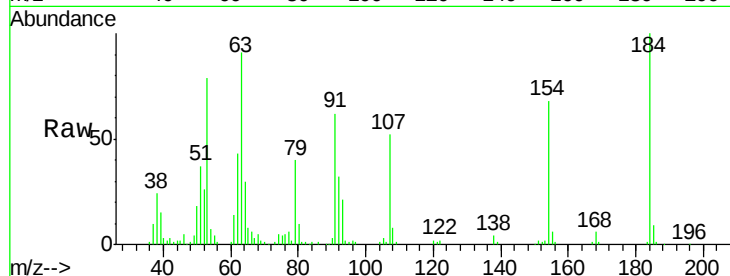




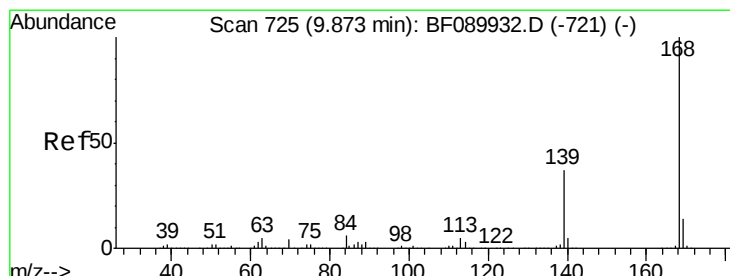
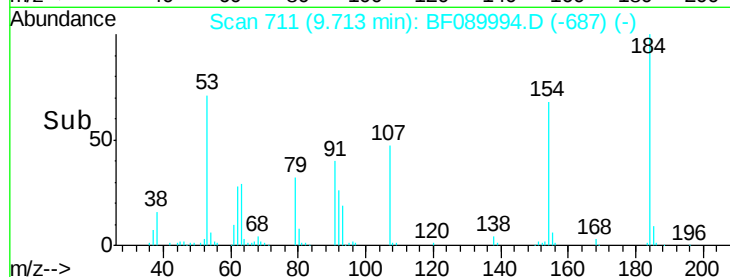
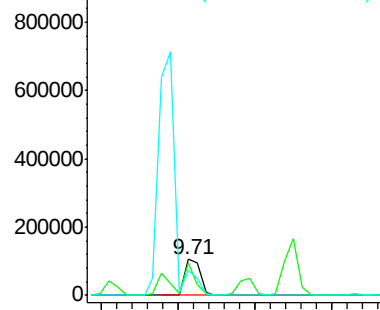
#53
2,4-Dinitrophenol
Concen: 42.88 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 152593
Ion Ratio Lower Upper
184 100
63 90.6 73.9 110.9
154 67.5 53.5 80.3

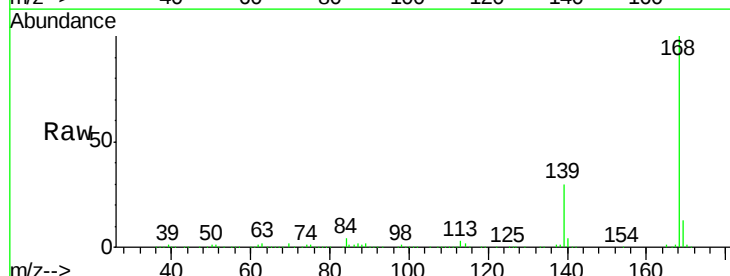


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

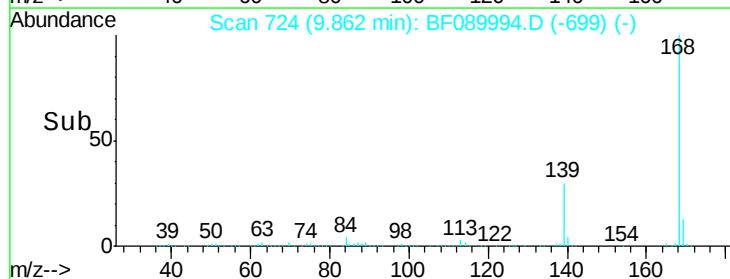
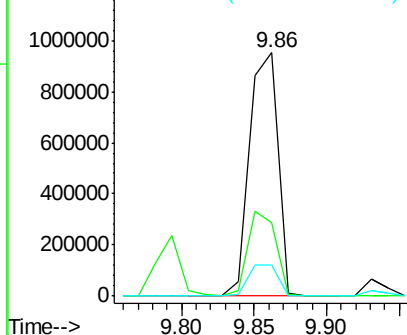


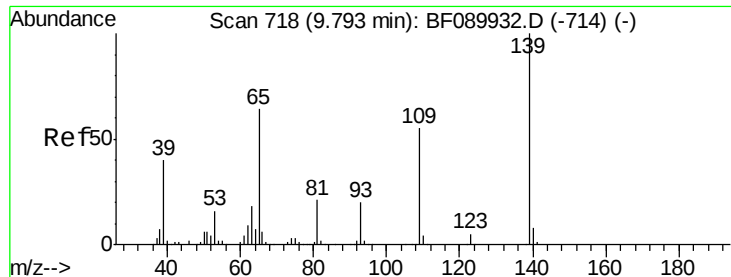
#54
Dibenzofuran
Concen: 37.22 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:168 Resp: 1294400
Ion Ratio Lower Upper
168 100
139 30.4 29.5 44.3
169 12.7 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

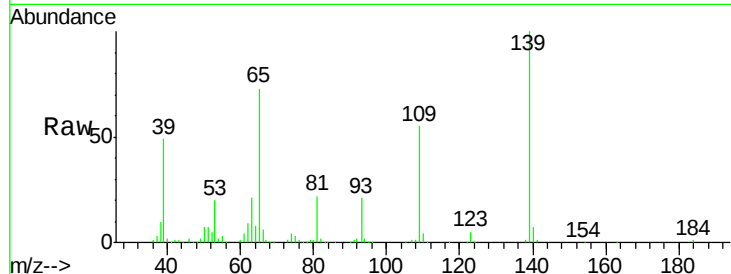




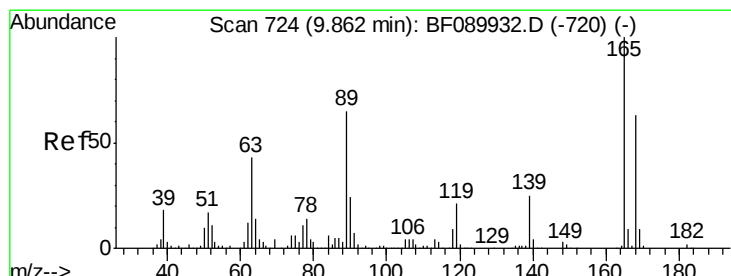
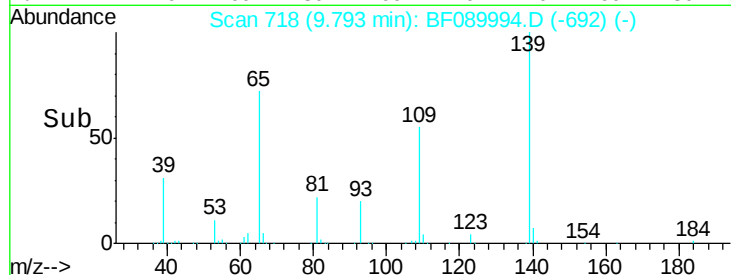
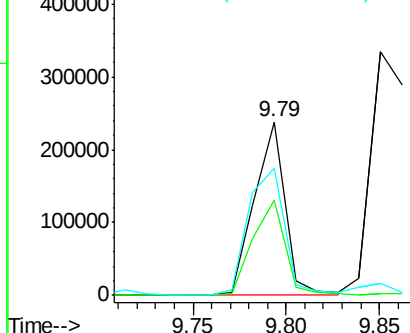
#55
4-Nitrophenol
Concen: 45.10 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 271295
Ion Ratio Lower Upper
139 100
109 55.0 31.3 71.3
65 73.4 38.5 78.5

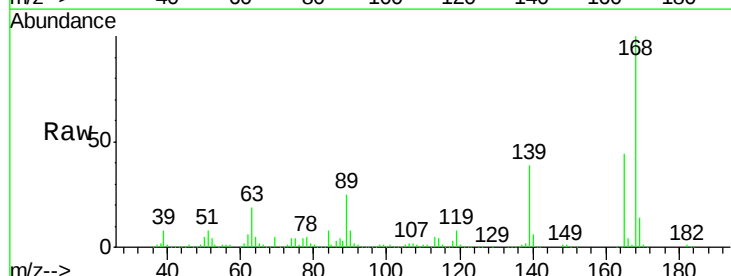


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

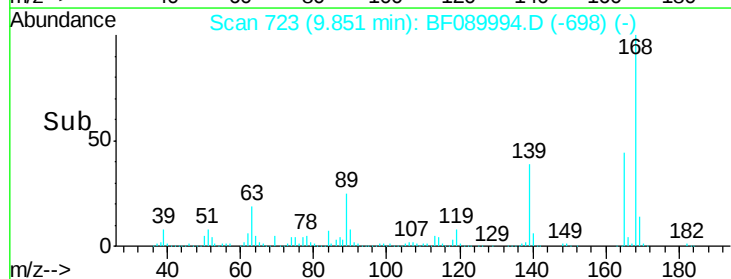
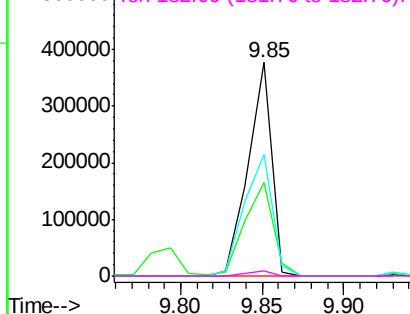


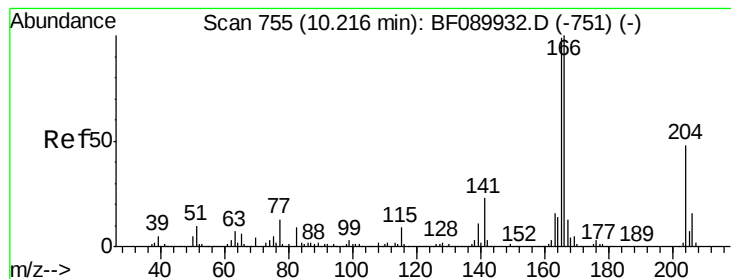
#56
2,4-Dinitrotoluene
Concen: 42.61 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:165 Resp: 377822
Ion Ratio Lower Upper
165 100
63 43.7 32.5 48.7
89 56.9 48.3 72.5
182 2.4 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: 35.25 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

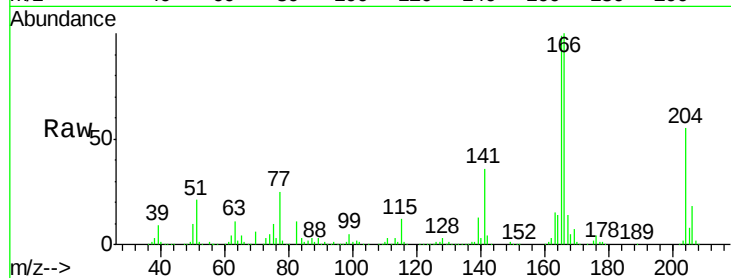
Tot Ion:166 Resp: 895986

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

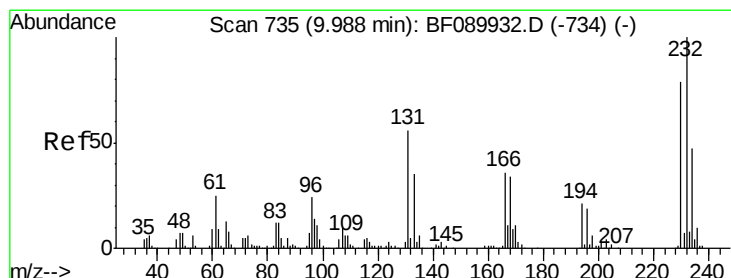
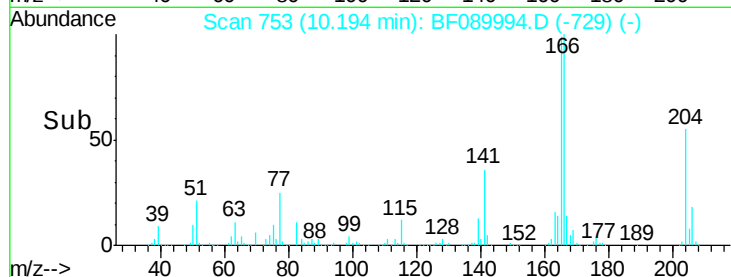
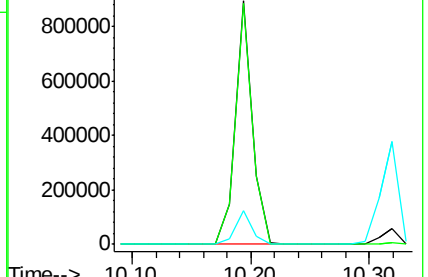
167 14.1 10.6 15.8



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: 39.78 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Tgt Ion:232 Resp: 289242

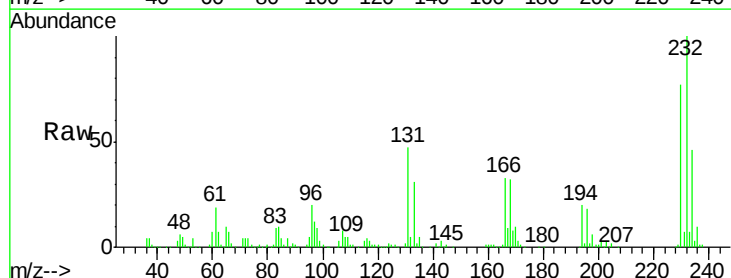
Ion Ratio Lower Upper

232 100

131 44.5 36.3 54.5

130 2.1 1.7 2.5

166 31.2 24.4 36.6

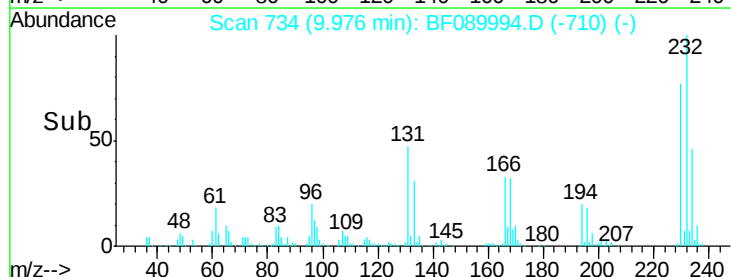
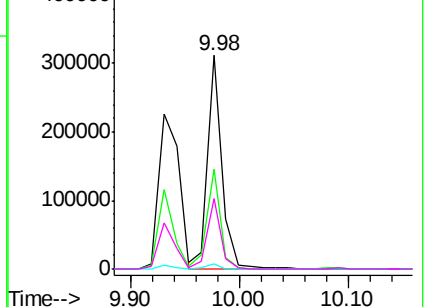


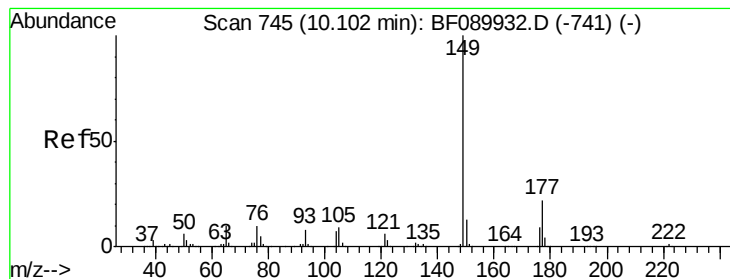
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.70 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

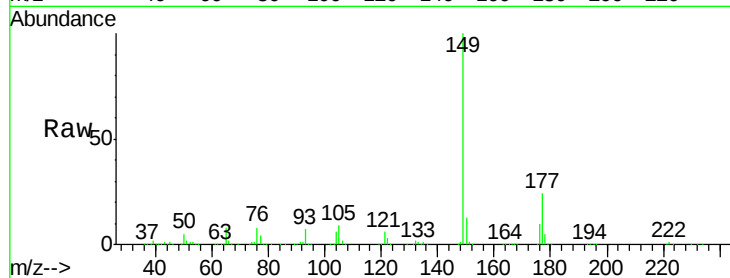
Tot Ion:149 Resp: 1203766

Ion Ratio Lower Upper

149 100

177 24.0 17.7 26.5

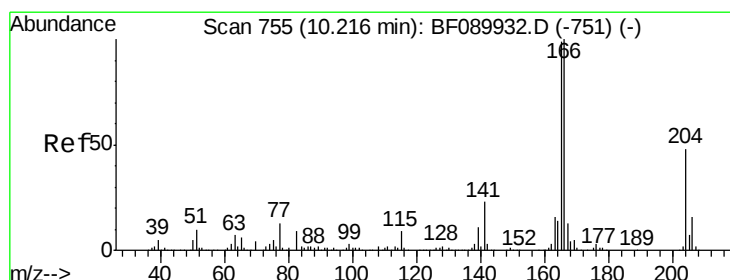
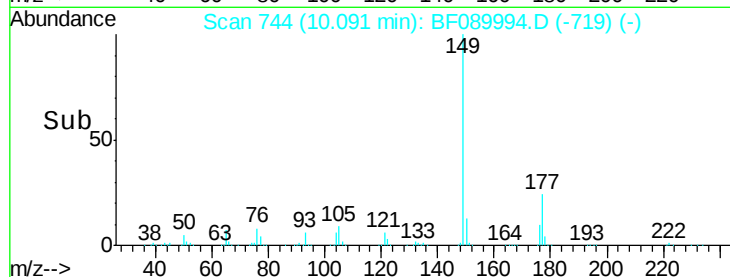
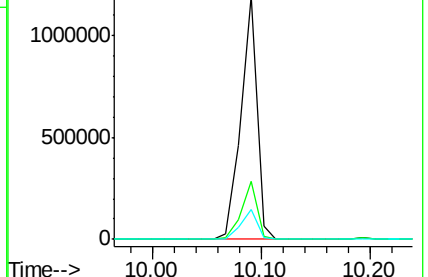
150 12.5 10.2 15.2



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: 36.04 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

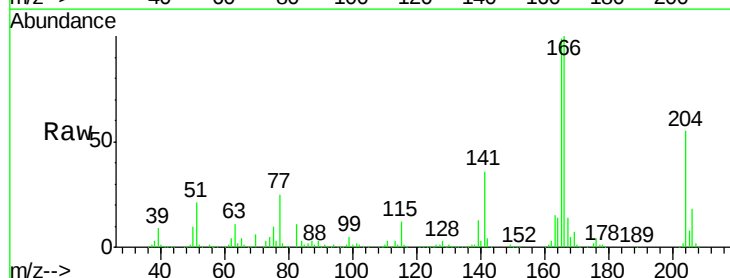
Tgt Ion:204 Resp: 431044

Ion Ratio Lower Upper

204 100

206 32.3 26.6 40.0

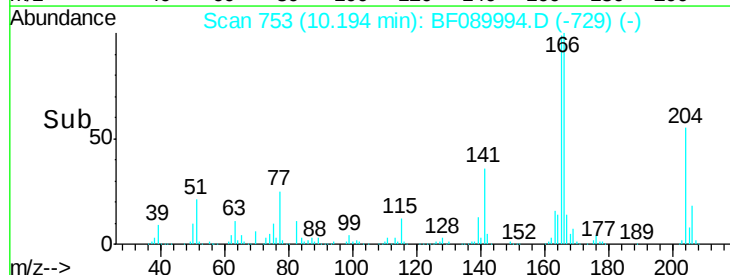
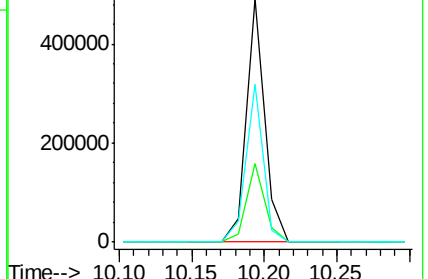
141 64.9 36.5 54.7#

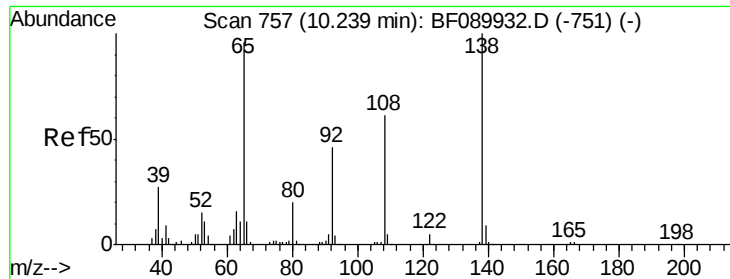


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

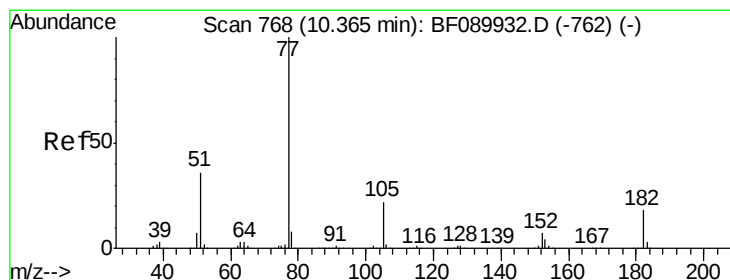
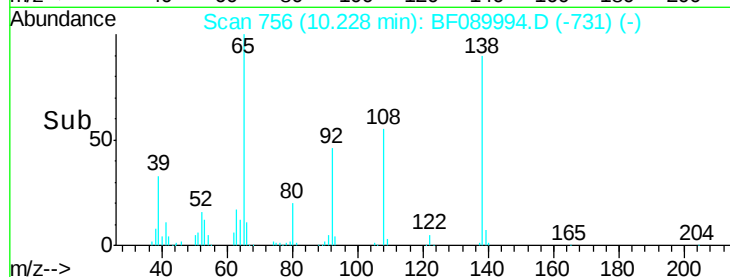
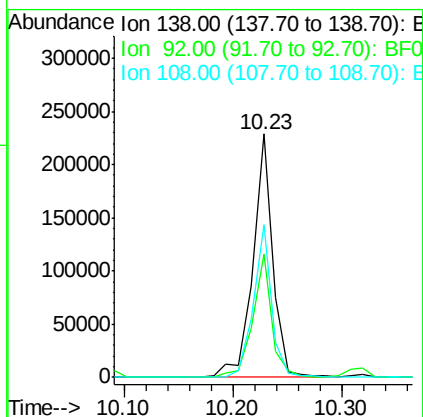
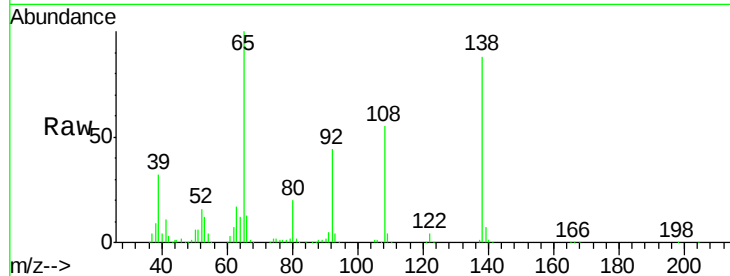




#61
4-Nitroaniline
Concen: 37.39 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

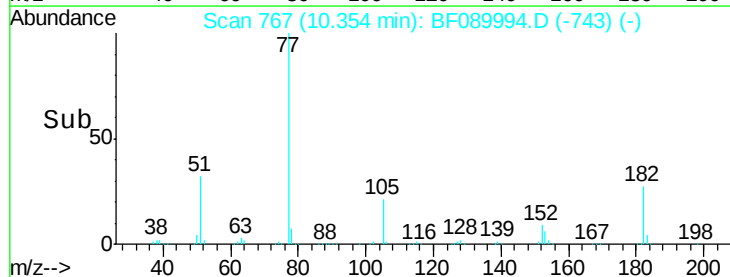
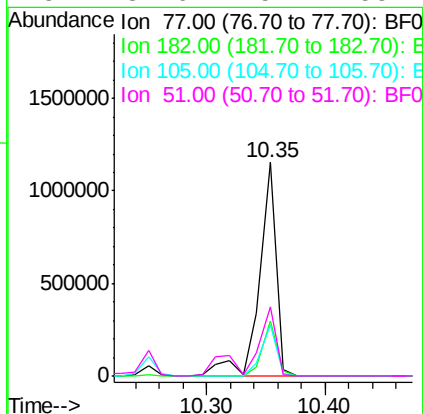
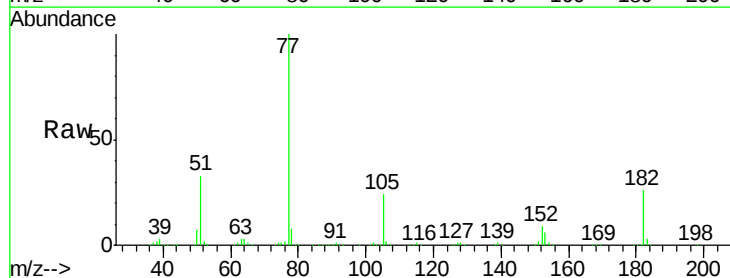
Instrument :
BNA_F
ClientSampleId :

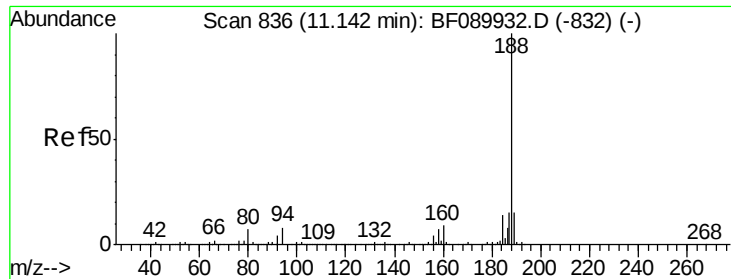
Tot Ion:138 Resp: 292971
Ion Ratio Lower Upper
138 100
92 50.5 21.2 61.2
108 62.7 37.7 77.7



#62
Azobenzene
Concen: 39.38 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion: 77 Resp: 1163476
Ion Ratio Lower Upper
77 100
182 26.0 0.0 38.6
105 24.3 2.3 42.3
51 32.6 15.1 55.1

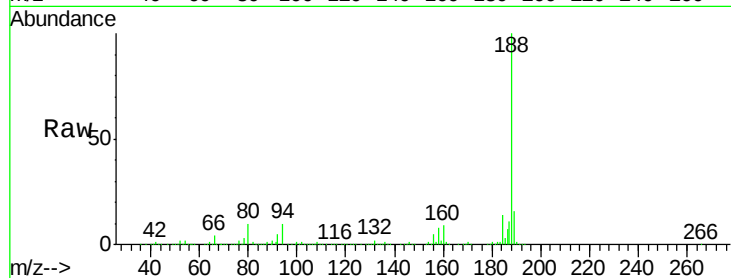




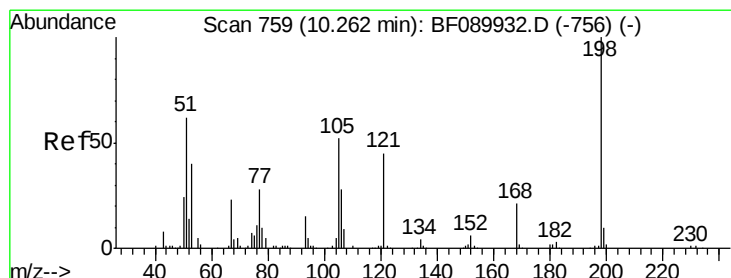
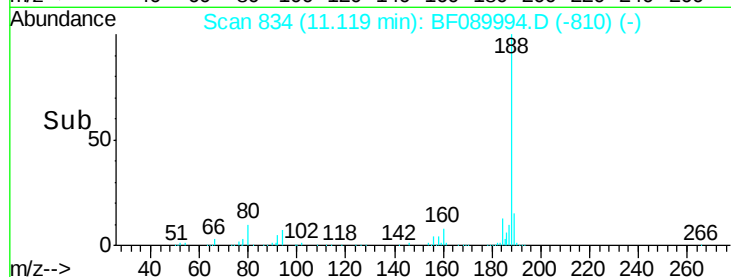
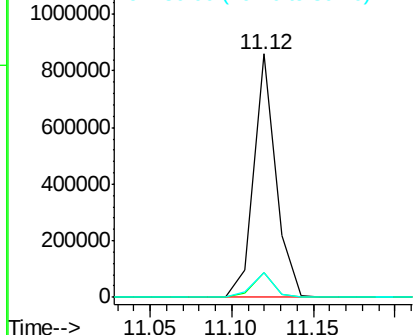
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 813051
Ion Ratio Lower Upper
188 100
94 10.0 5.9 8.9#
80 10.3 5.8 8.8#

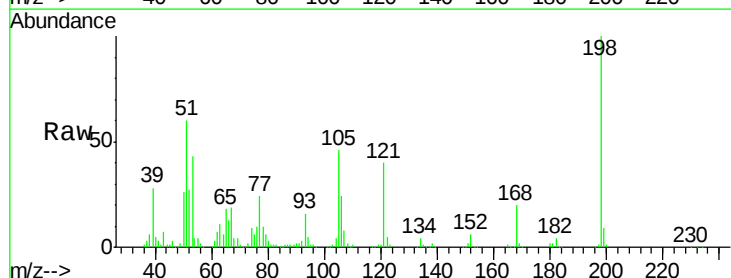


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

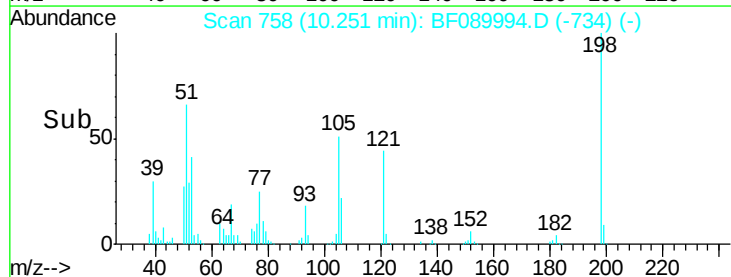
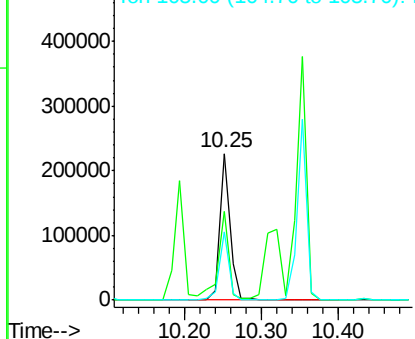


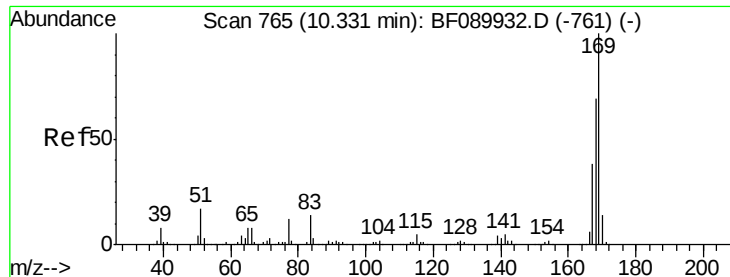
#64
4,6-Dinitro-2-methylphenol
Concen: 40.72 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:198 Resp: 211966
Ion Ratio Lower Upper
198 100
51 60.4 43.0 83.0
105 46.3 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: 41.66 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

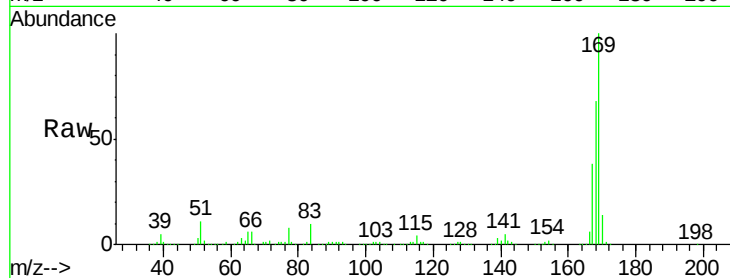
Tot Ion:169 Resp: 1018279

Ion Ratio Lower Upper

169 100

168 68.2 55.0 82.4

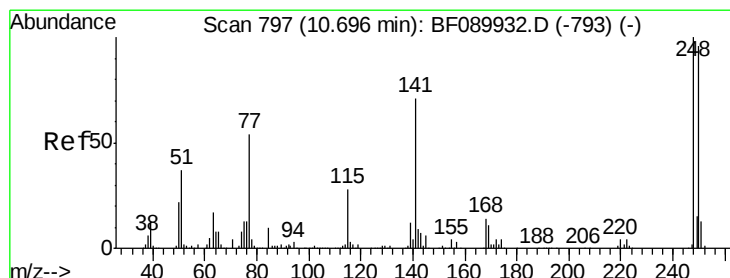
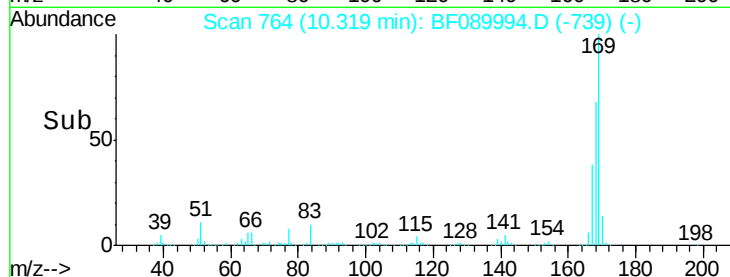
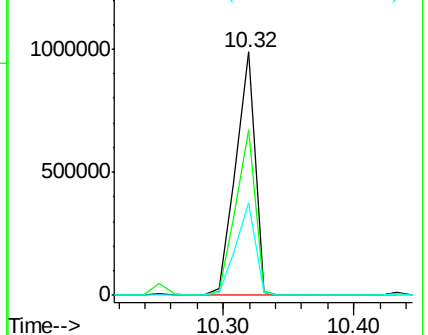
167 38.2 30.5 45.7



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: 40.93 ng

RT: 10.69 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

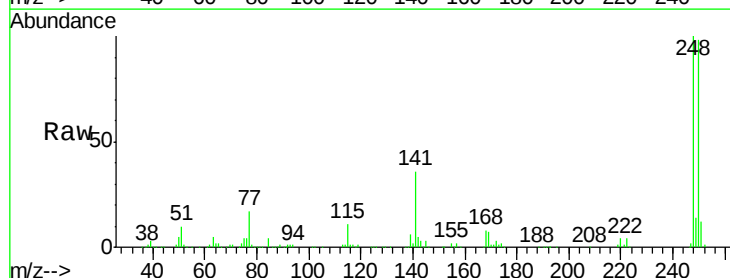
Tgt Ion:248 Resp: 335050

Ion Ratio Lower Upper

248 100

250 98.3 77.3 115.9

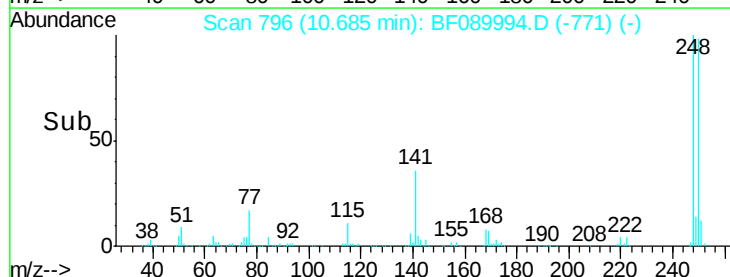
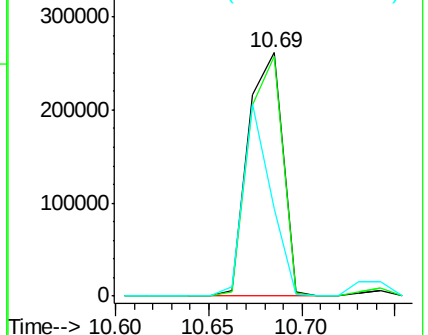
141 35.9 55.8 83.8#

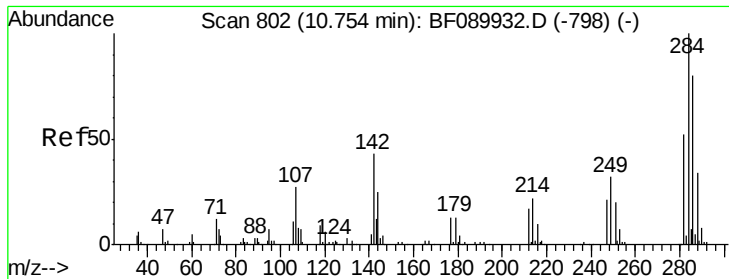


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

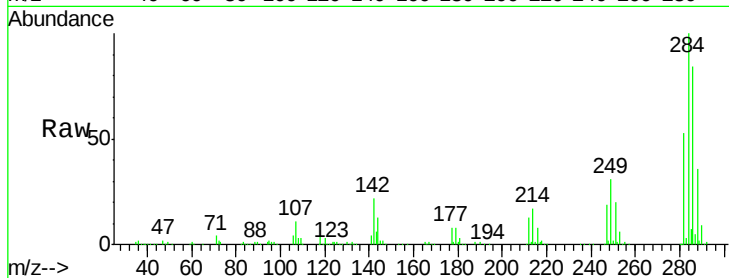




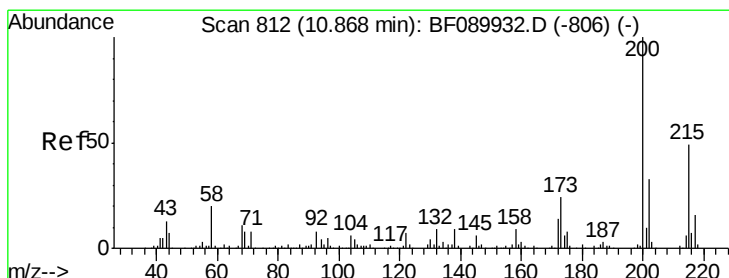
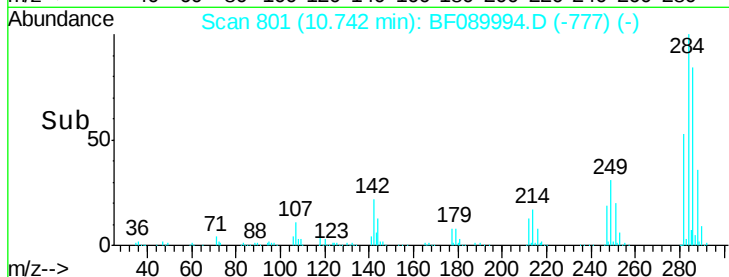
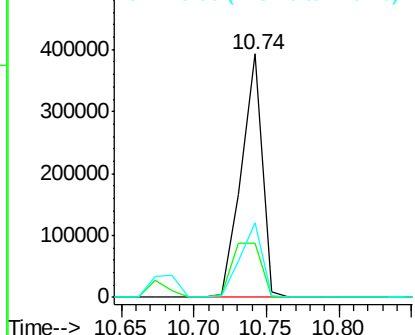
#67
Hexachlorobenzene
Concen: 42.17 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 394273
Ion Ratio Lower Upper
284 100
142 22.3 32.7 49.1#
249 30.5 26.9 40.3

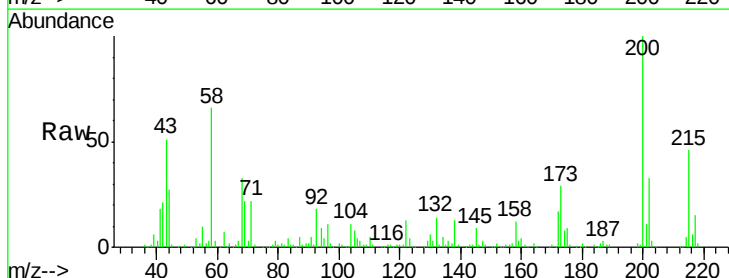


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

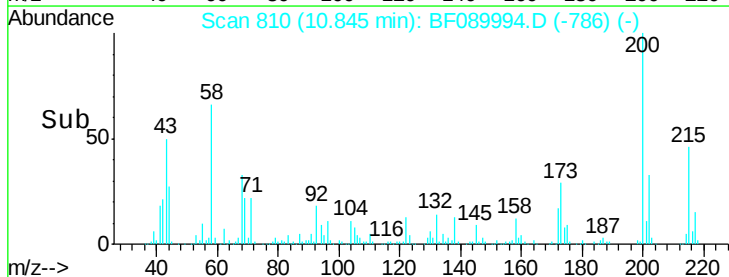
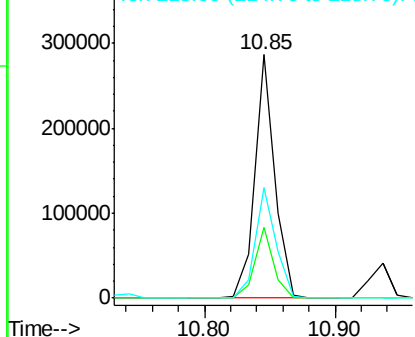


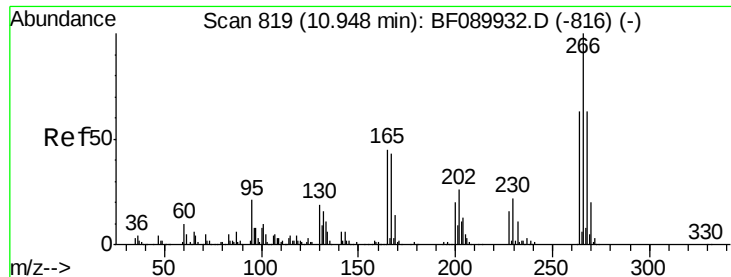
#68
Atrazine
Concen: 37.30 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:200 Resp: 304353
Ion Ratio Lower Upper
200 100
173 28.9 9.4 49.4
215 45.6 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

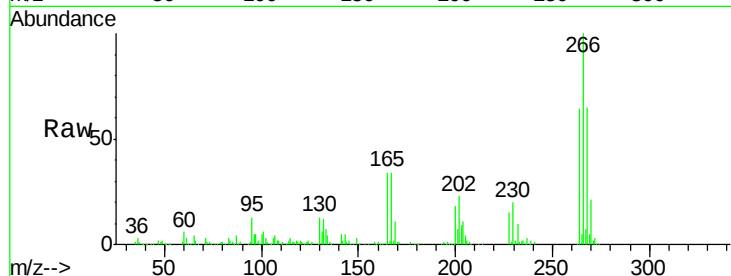




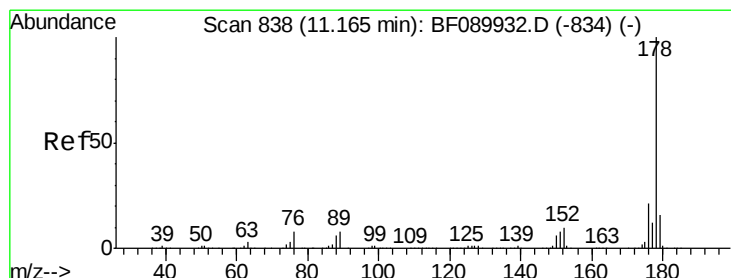
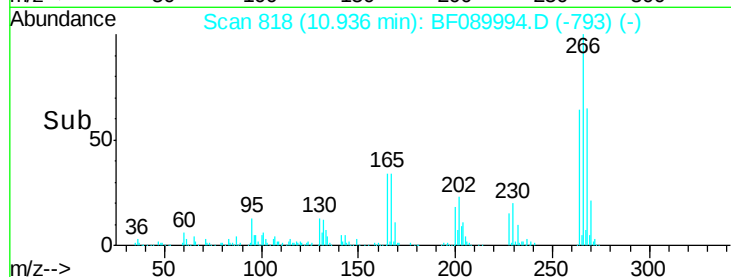
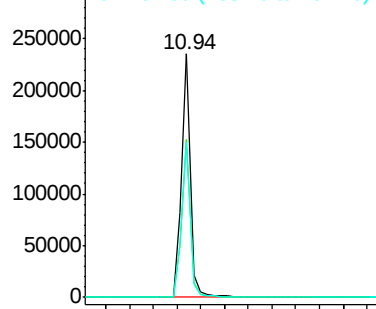
#69
 Pentachlorophenol
 Concen: 48.69 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 244935
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.0 76.6
 264 63.6 50.6 75.8

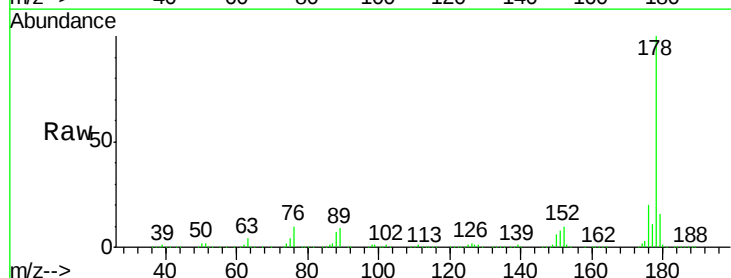


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

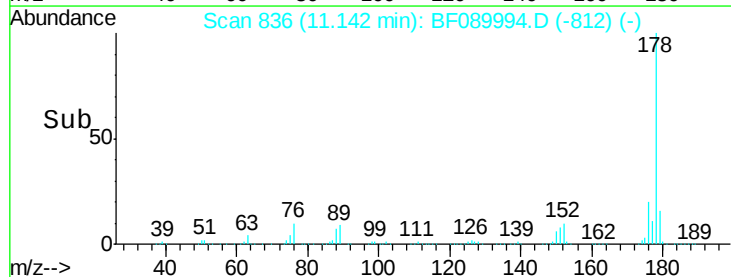
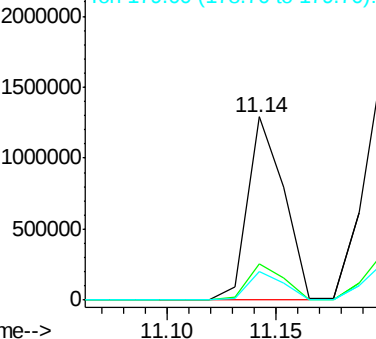


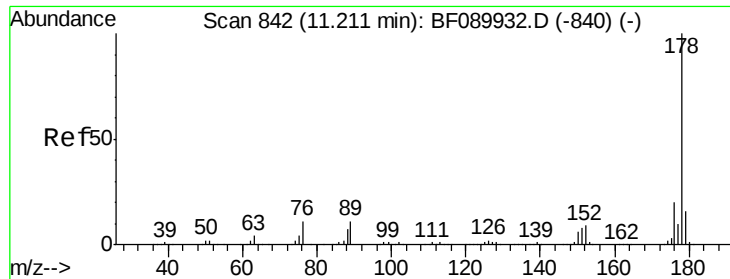
#70
 Phenanthrene
 Concen: 37.12 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:178 Resp: 1502941
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.5 24.7
 179 15.9 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

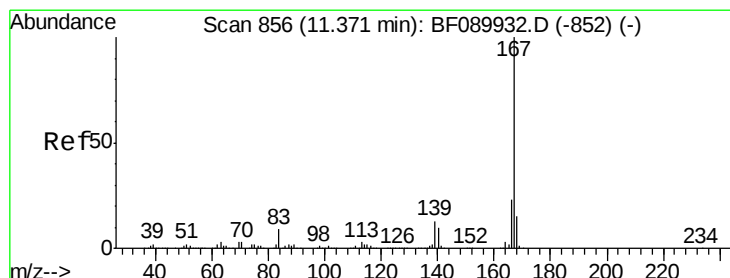
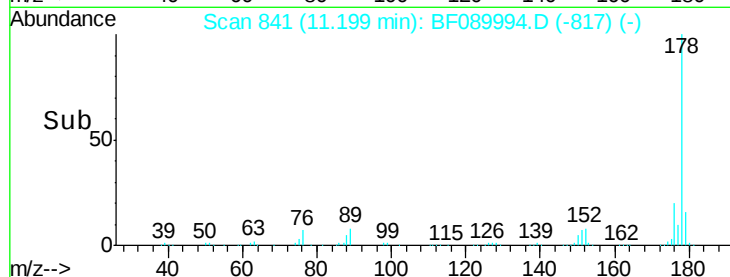
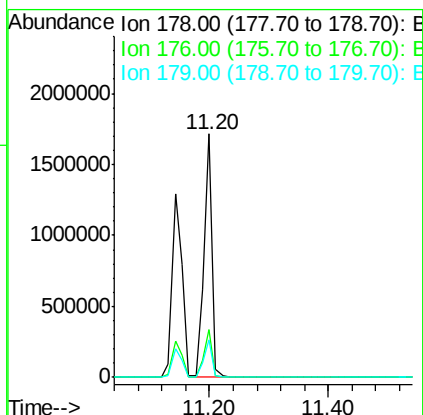
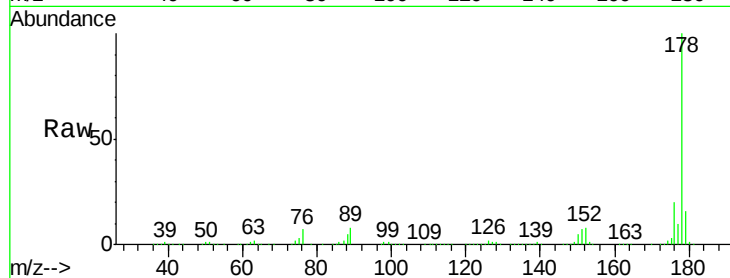




#71
 Anthracene
 Concen: 40.57 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

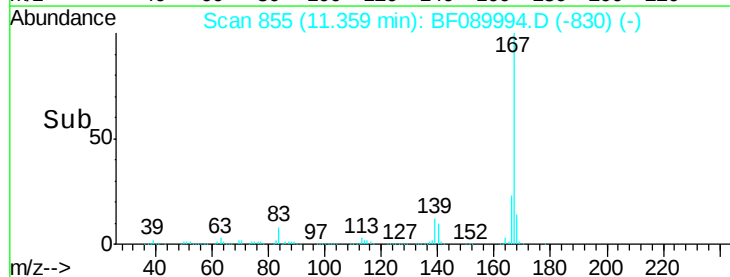
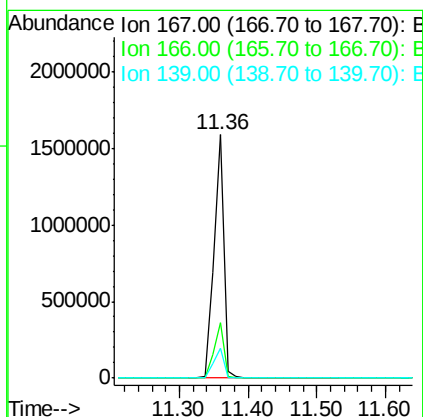
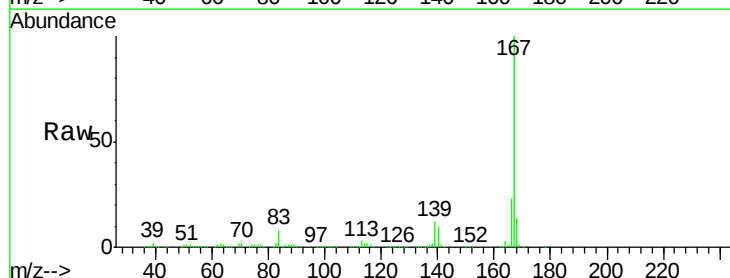
Instrument :
 BNA_F
 ClientSampleId :

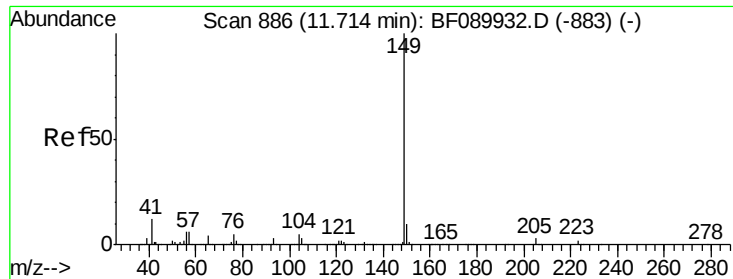
Tot Ion:178 Resp: 1666046
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 13.0 19.4



#72
 Carbazole
 Concen: 41.96 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:167 Resp: 1615735
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 12.5 10.4 15.6





#73

Di-n-butylphthalate

Concen: 40.24 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

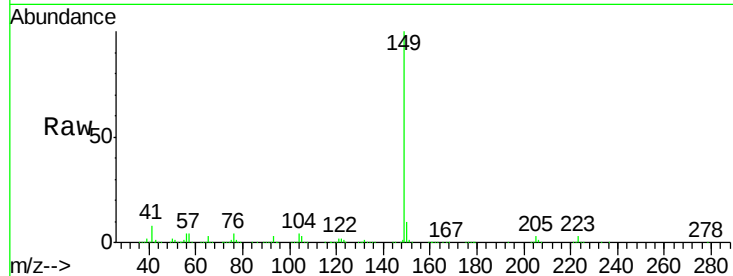
Tot Ion:149 Resp: 1806054

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

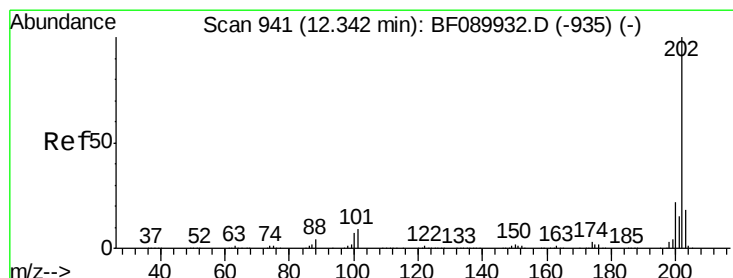
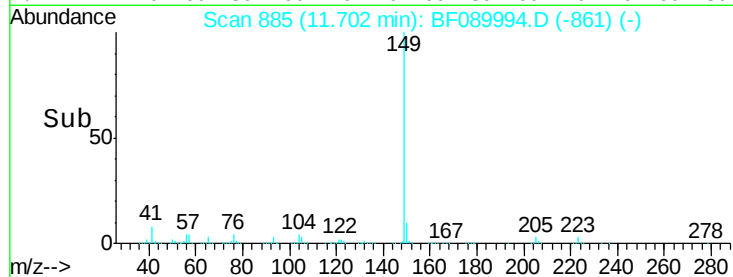
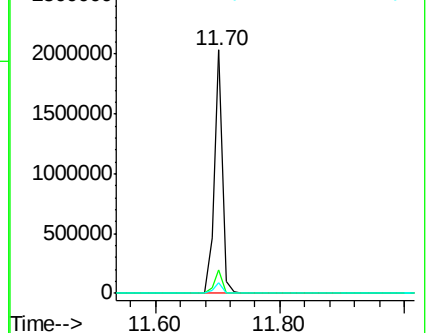
104 4.4 3.9 5.9



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: 35.87 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

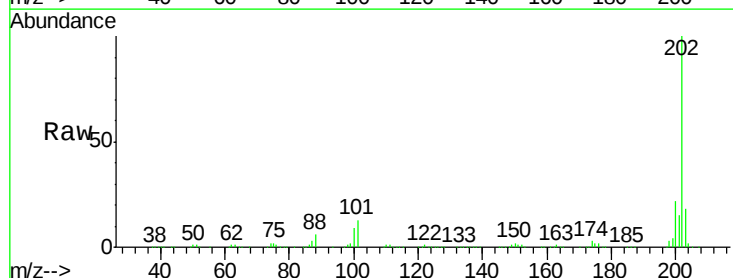
Tgt Ion:202 Resp: 1522140

Ion Ratio Lower Upper

202 100

101 12.7 0.0 28.5

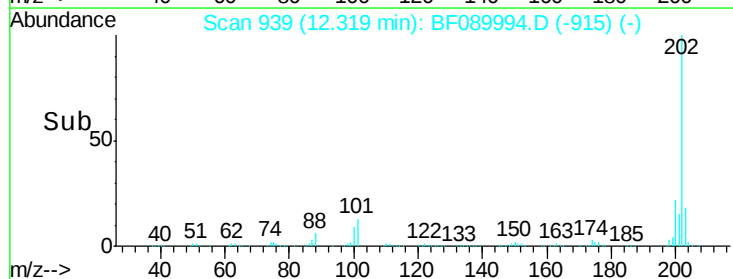
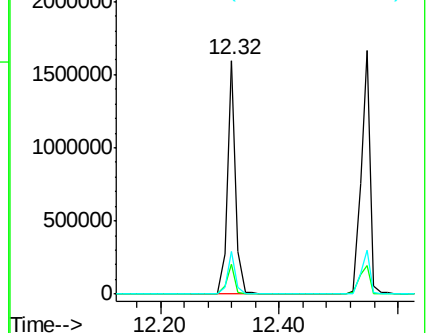
203 18.0 0.0 38.0

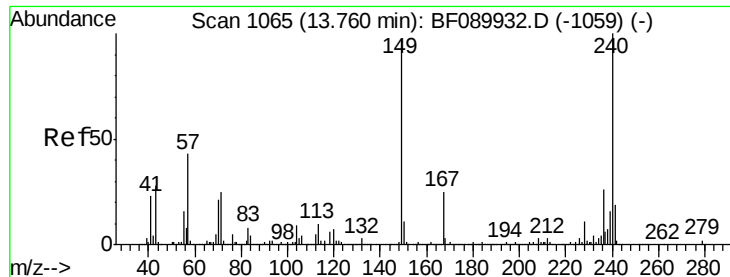


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampleId :

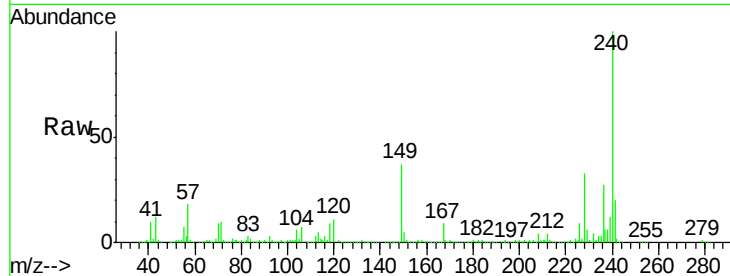
Tot Ion:240 Resp: 641649

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

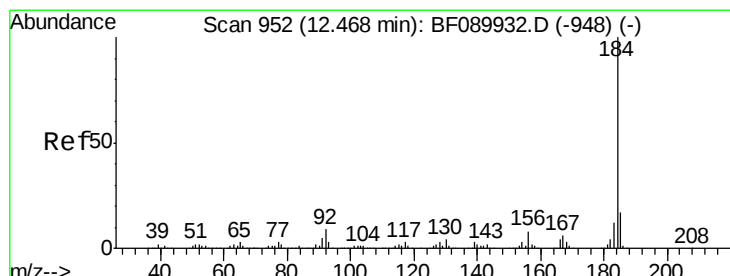
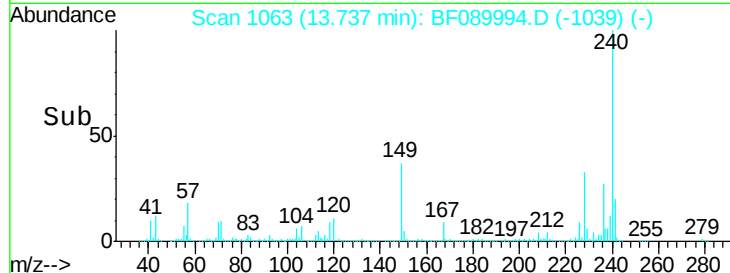
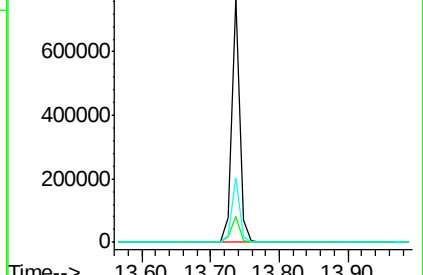
236 26.7 21.3 31.9



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: 41.25 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

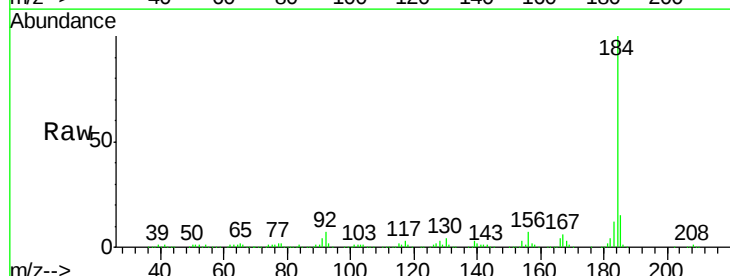
Tgt Ion:184 Resp: 1002652

Ion Ratio Lower Upper

184 100

185 15.5 13.8 20.8

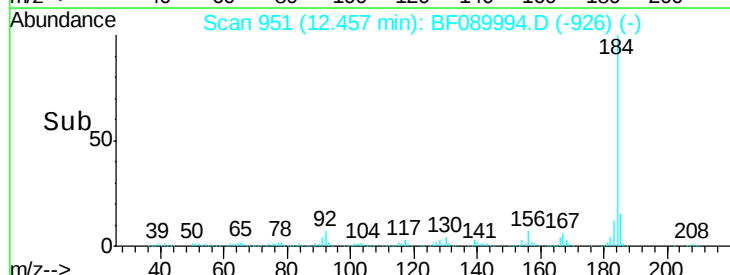
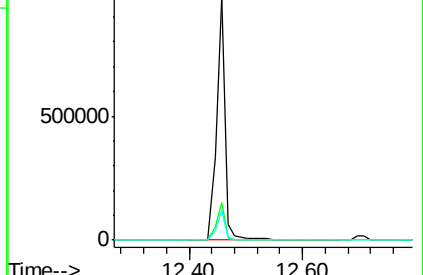
183 12.1 9.6 14.4

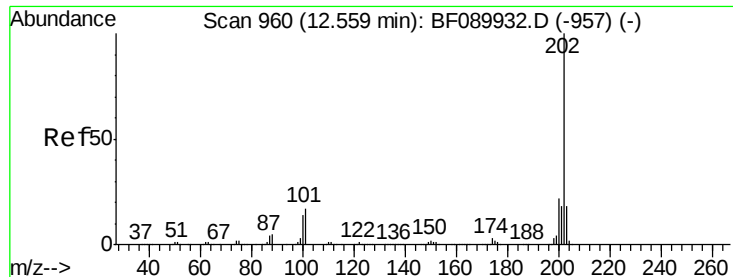


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

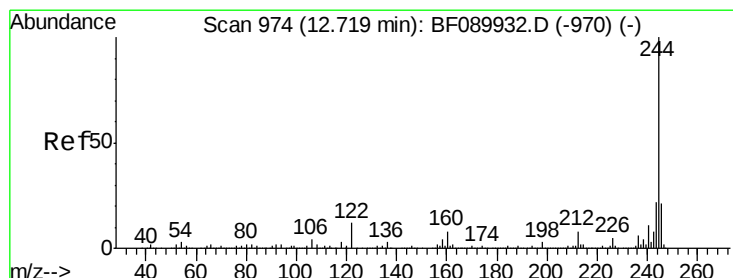
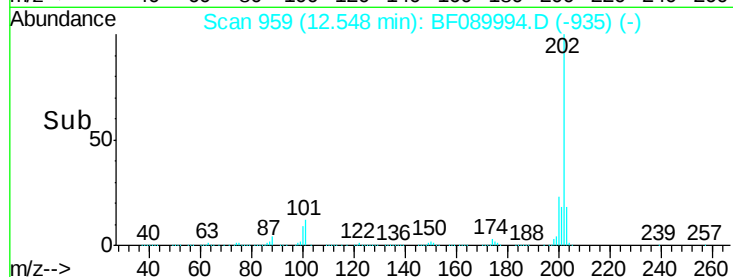
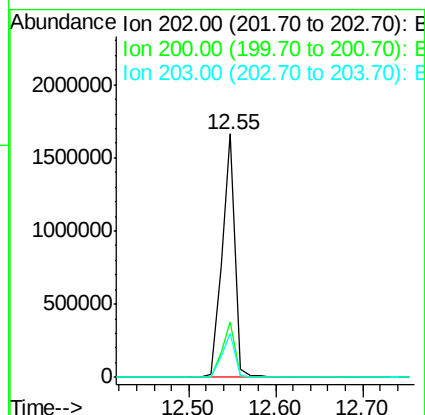
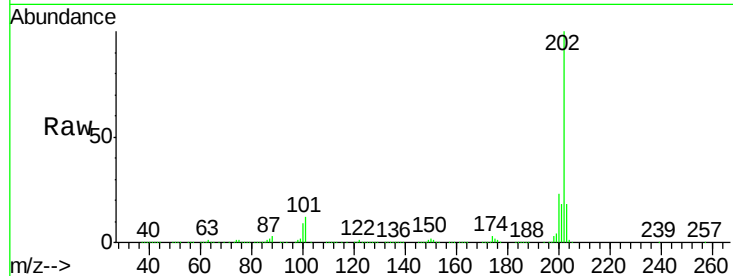




#77
Pvrene
Concen: 38.44 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

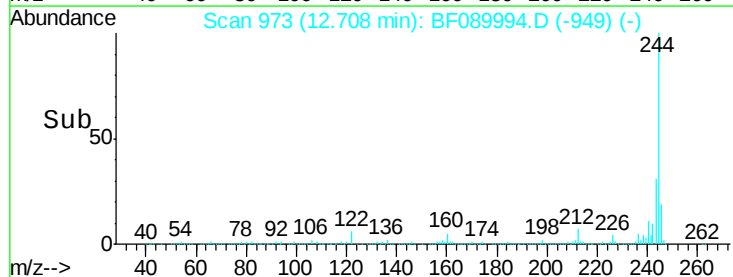
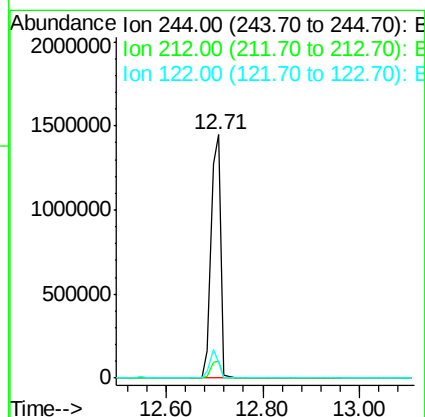
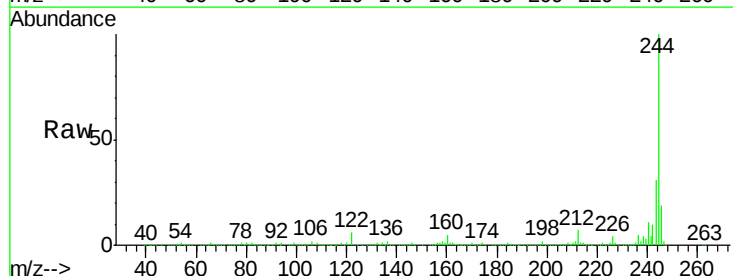
Instrument :
BNA_F
ClientSampleId :

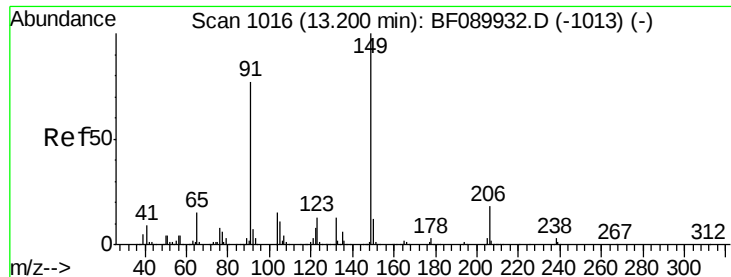
Tot Ion:202 Resp: 1738893
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 17.9 14.6 21.8



#78
Terphenyl-d14
Concen: 77.73 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:244 Resp: 2018976
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 6.4 9.6 14.4#

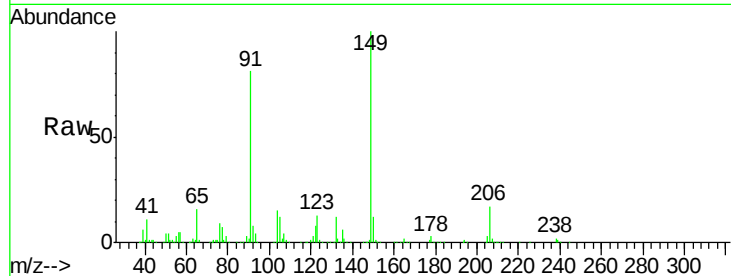




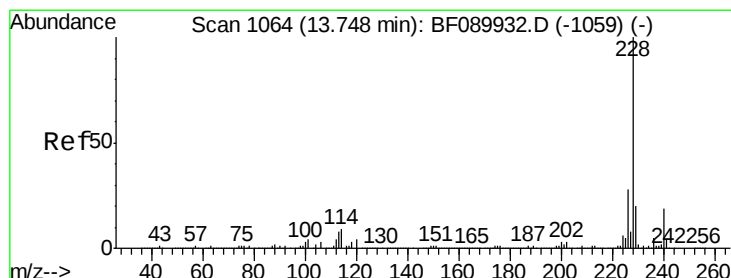
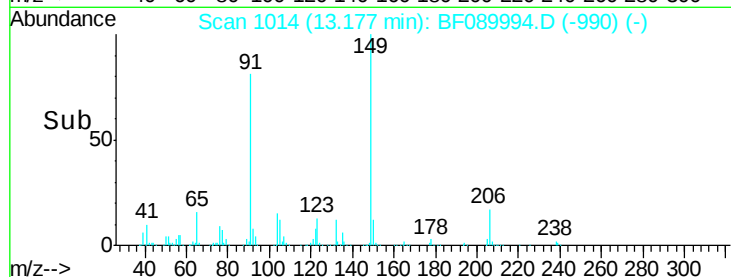
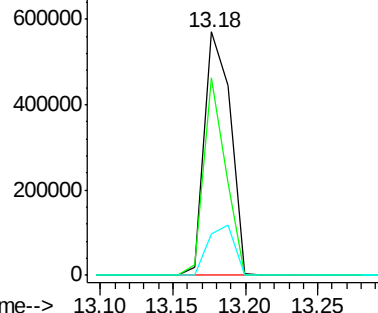
#79
Butylbenzylphthalate
Concen: 39.18 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 714764
Ion Ratio Lower Upper
149 100
91 81.1 60.0 90.0
206 16.8 15.1 22.7

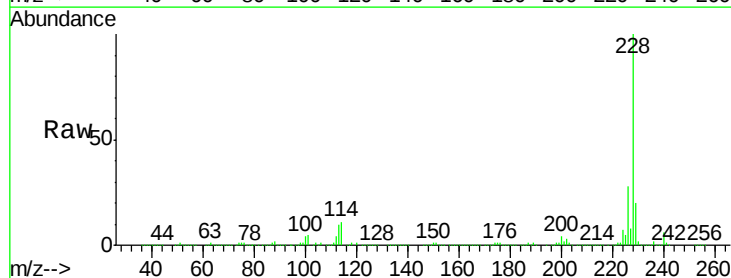


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

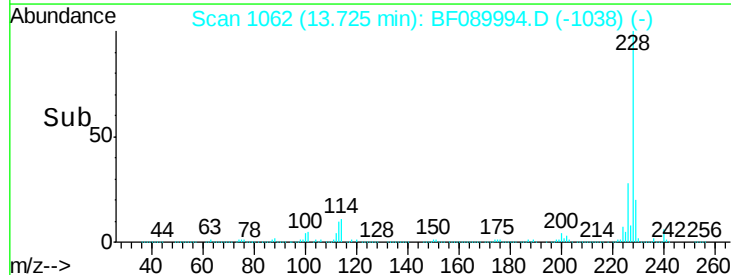
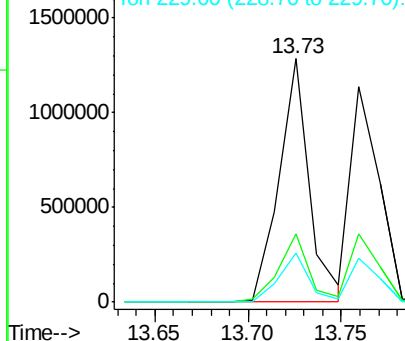


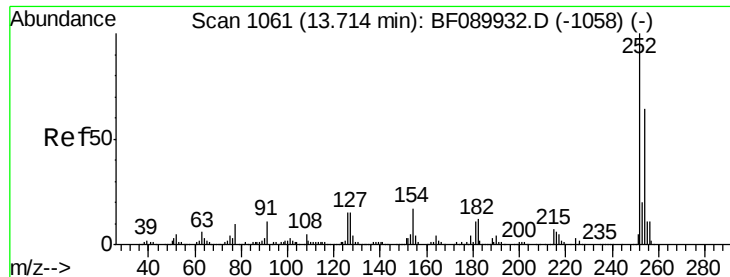
#80
Benzo(a)anthracene
Concen: 36.90 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:228 Resp: 1450217
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.2 15.8 23.6



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

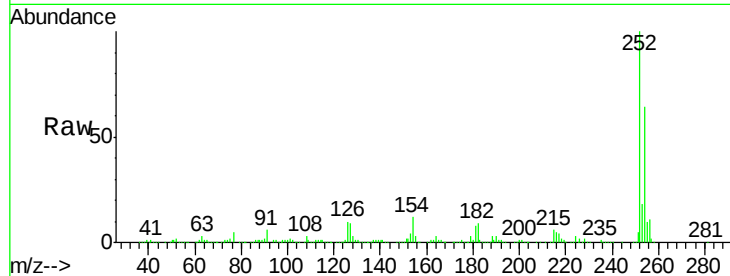




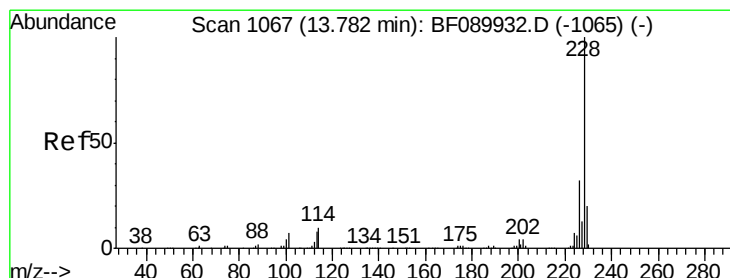
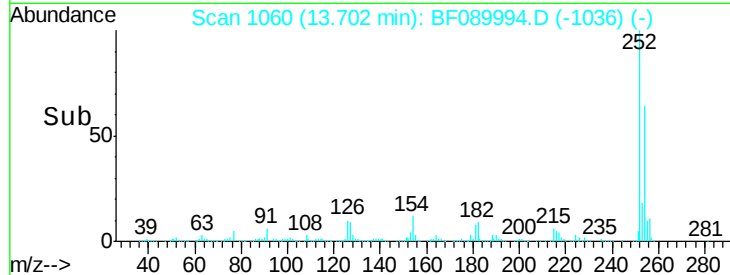
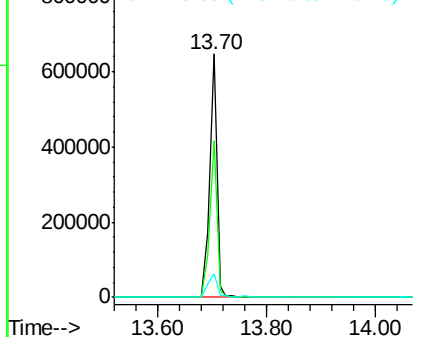
#81
 3,3'-Dichlorobenzidine
 Concen: 42.12 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 597489
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 9.7 12.3 18.5#

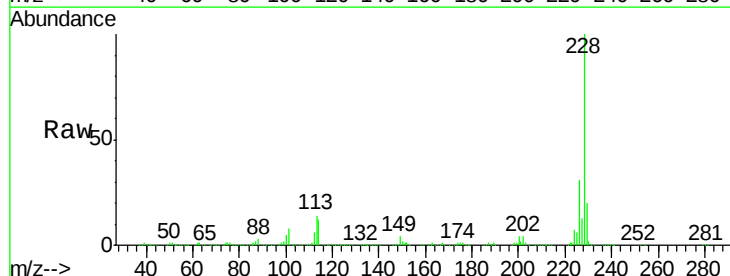


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

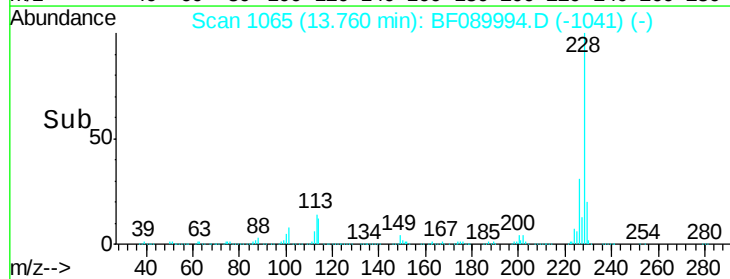
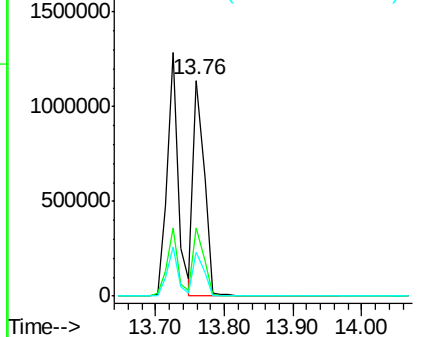


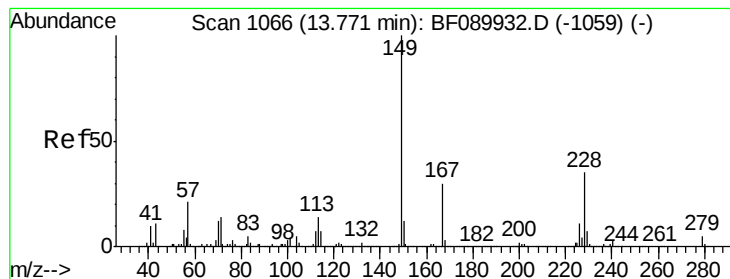
#82
 Chrysene
 Concen: 33.93 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Tgt Ion:228 Resp: 1245600
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.2 37.8
 229 20.4 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: 39.14 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

Instrument :

BNA_F

ClientSampled :

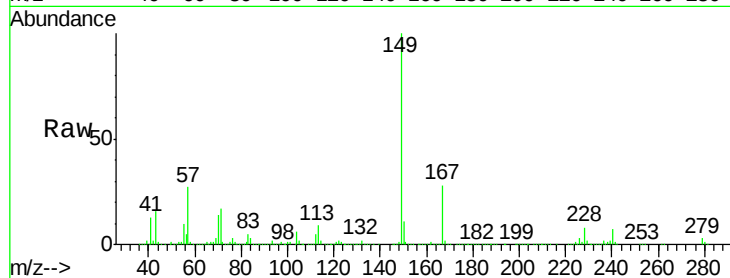
Tot Ion:149 Resp: 987637

Ion Ratio Lower Upper

149 100

167 28.3 23.6 35.4

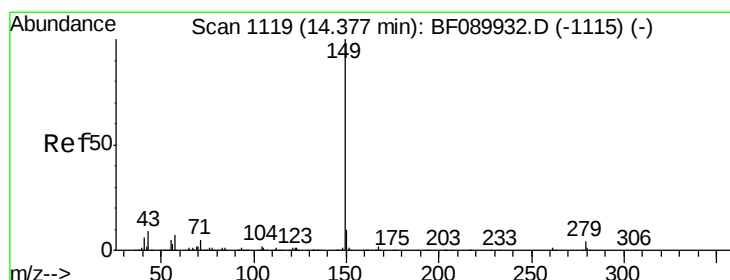
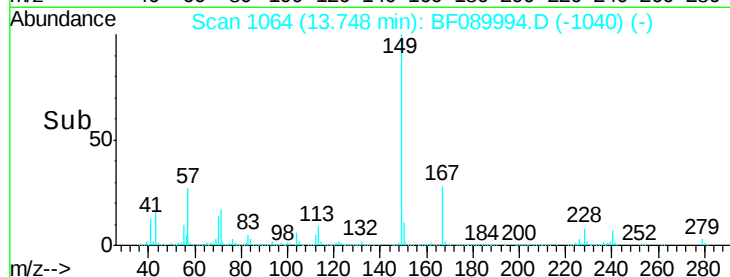
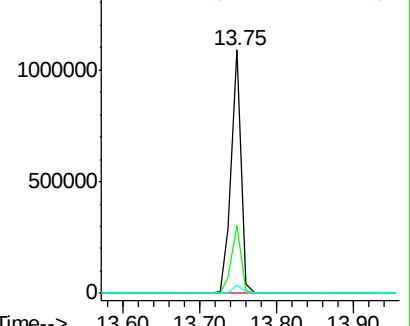
279 3.5 3.4 5.2



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: 40.81 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF089994.D

Acq: 6 Sep 2016 18:01

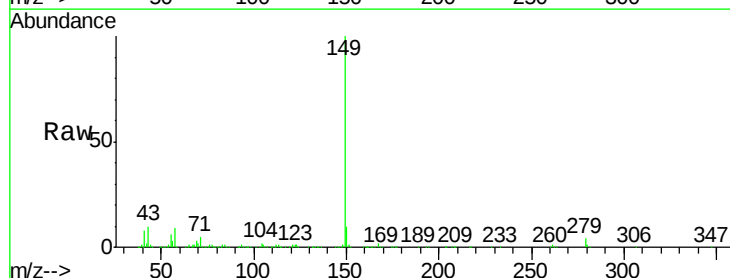
Tgt Ion:149 Resp: 1662369

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

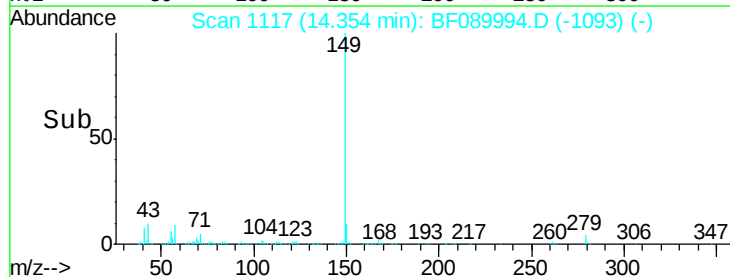
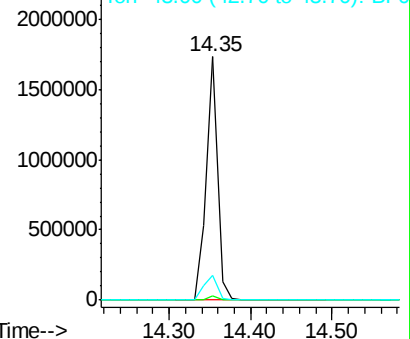
43 12.0 9.3 13.9

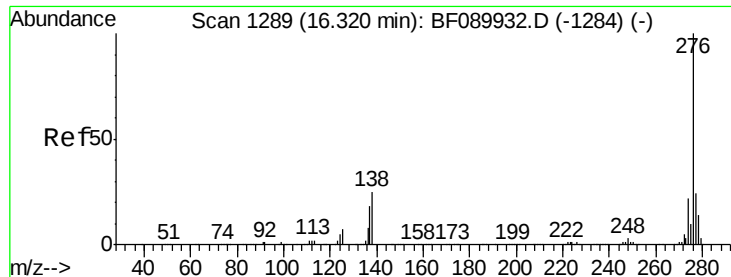


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

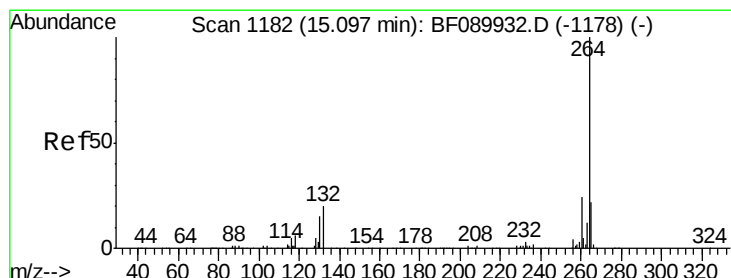
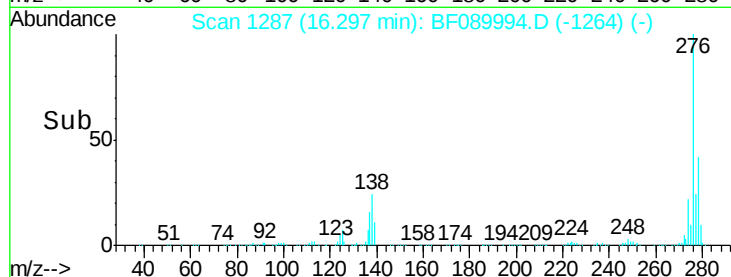
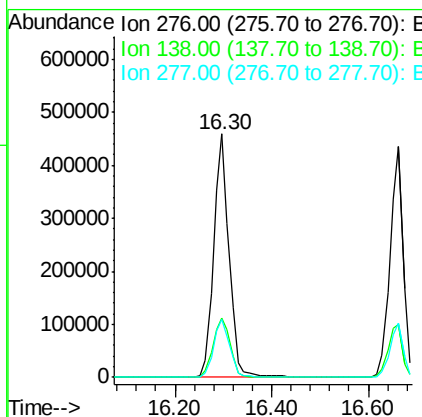
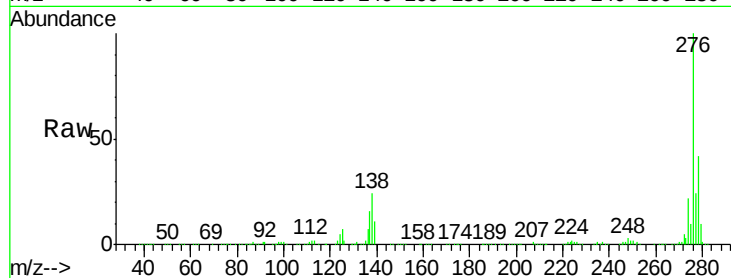




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.00 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

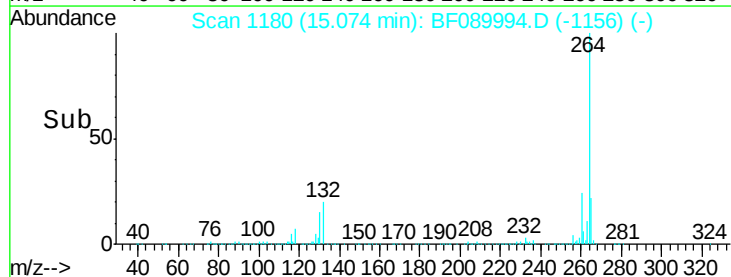
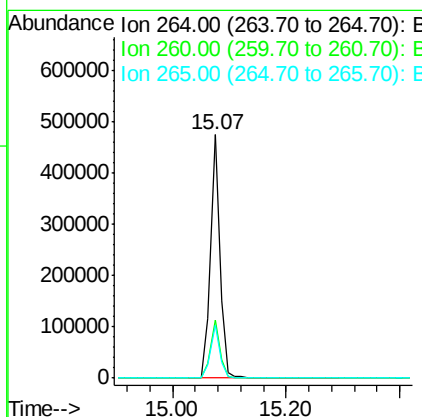
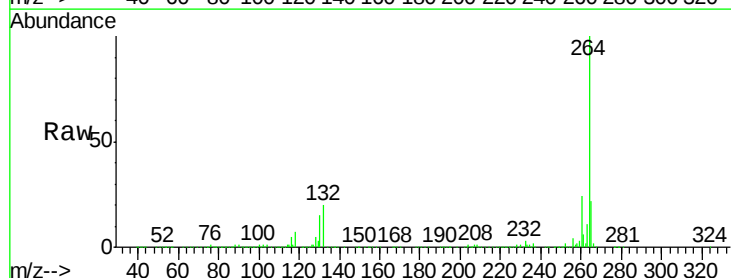
Instrument :
BNA_F
ClientSampleId :

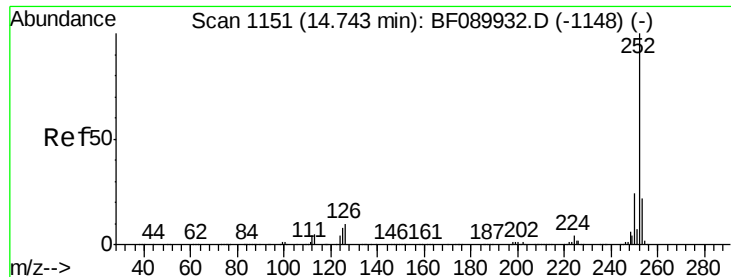
Tot Ion:276 Resp: 1031242
Ion Ratio Lower Upper
276 100
138 27.7 22.6 34.0
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:264 Resp: 527231
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.9 17.4 26.2

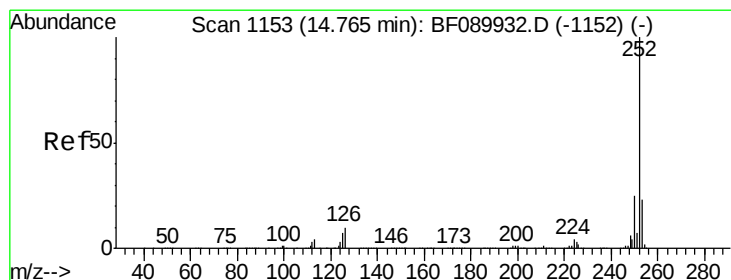
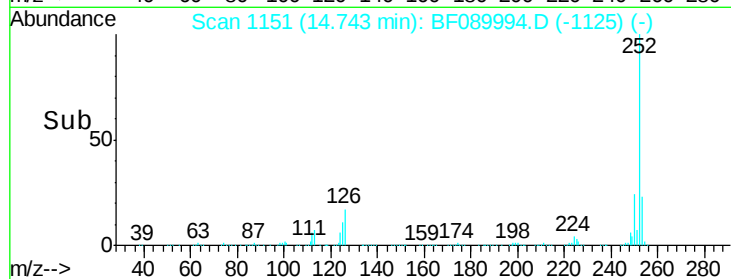
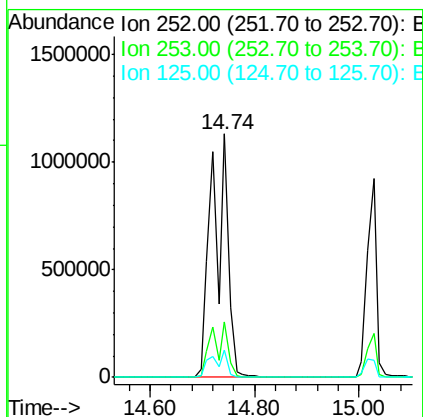
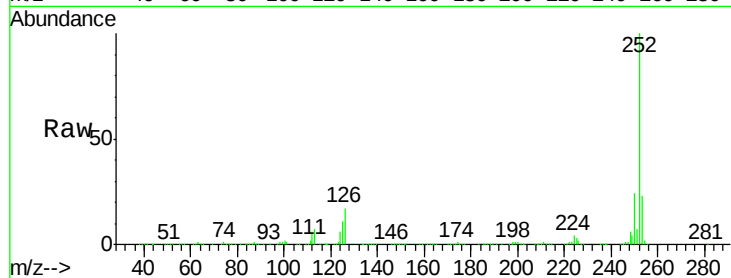




#87
Benzo(b)fluoranthene
Concen: 72.65 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

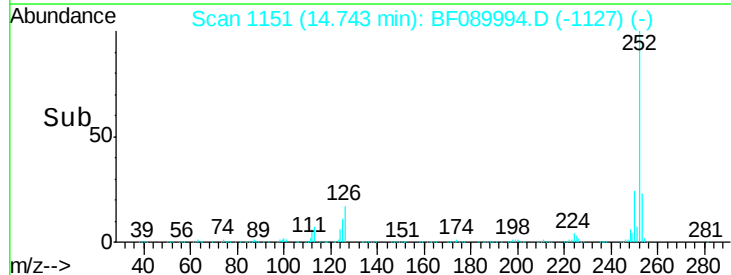
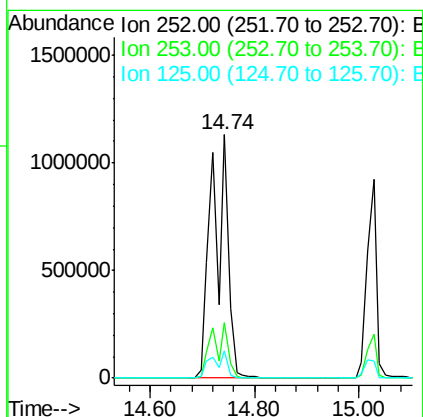
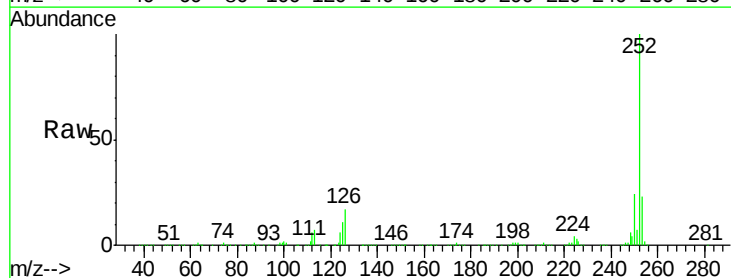
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2399494
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.4 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 85.61 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:252 Resp: 2399494
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.4 7.3 10.9#

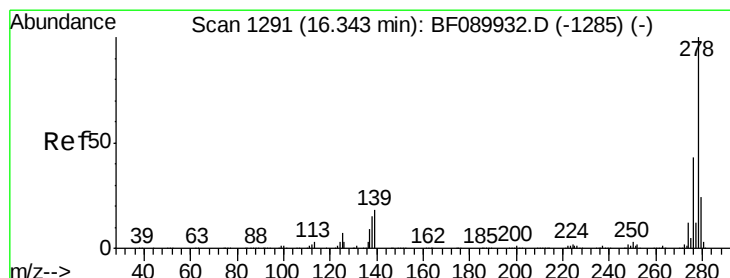
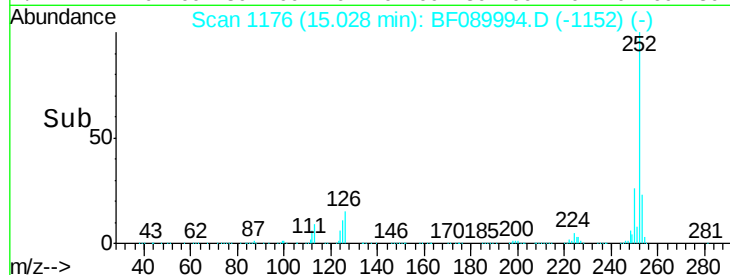
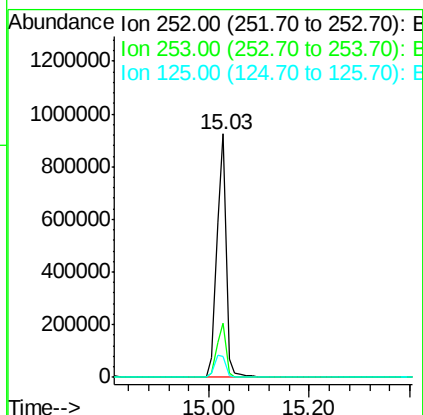
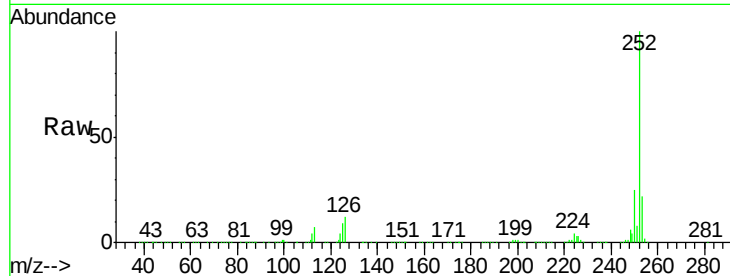




#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

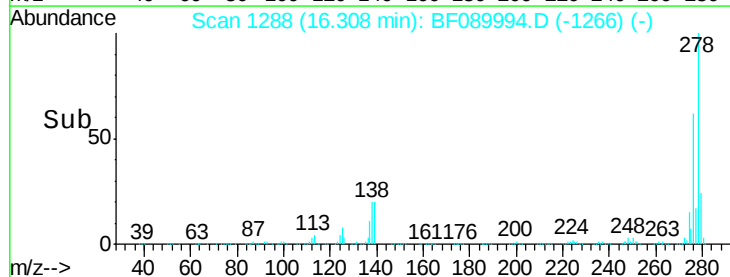
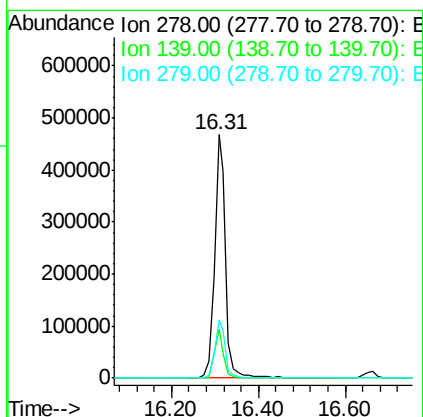
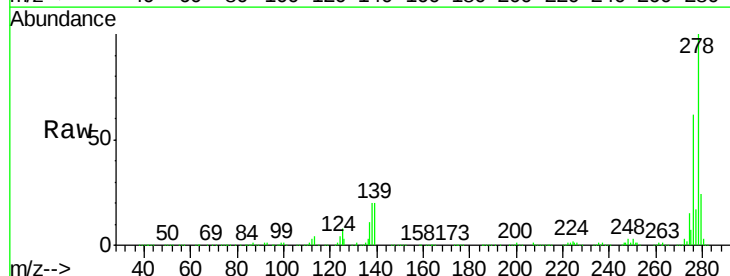
Instrument :
BNA_F
ClientSampleId :

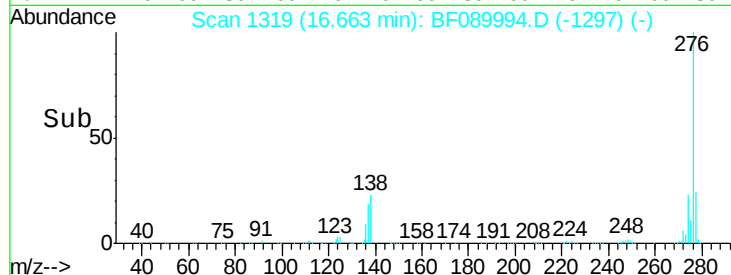
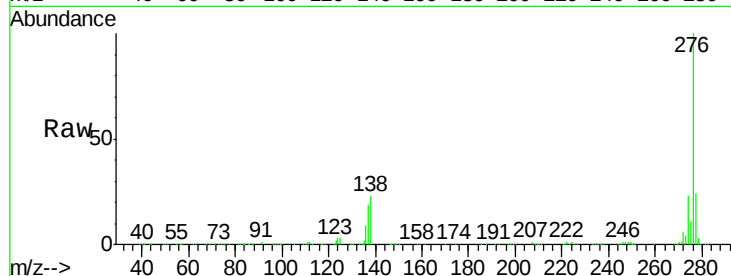
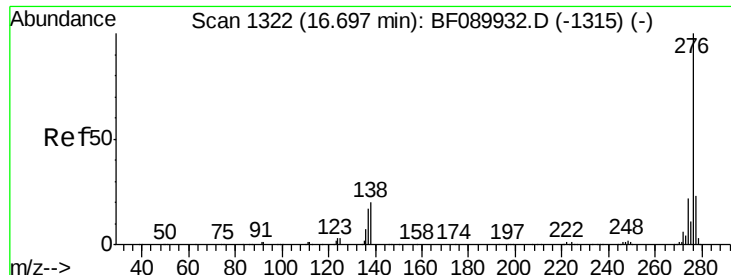
Tot Ion:252 Resp: 1168588
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.8 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 40.64 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF089994.D
Acq: 6 Sep 2016 18:01

Tgt Ion:278 Resp: 842662
Ion Ratio Lower Upper
278 100
139 20.0 13.4 20.2
279 23.8 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.11 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF089994.D
 Acq: 6 Sep 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	837155
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.9	16.4	24.6

