

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088410.D
 Acq On : 26 Jun 2016 9:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 27 04:11:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	95220	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	368680	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	161099	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	259718	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	186802	20.00	ng	-0.05
86) Perylene-d12	15.05	264	161438	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	442551	79.45	ng	-0.03
7) Phenol-d6	6.24	99	482324	71.45	ng	-0.02
23) Nitrobenzene-d5	7.14	82	492460	78.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	107520	63.21	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	912312	89.24	ng	-0.03
78) Terphenyl-d14	12.65	244	626866	76.36	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	106115	39.21	ng	# 46
3) Pyridine	2.57	79	247667	38.76	ng	93
4) n-Nitrosodimethylamine	2.55	42	90967	33.61	ng	83
6) Aniline	6.23	93	310258	32.29	ng	96
8) 2-Chlorophenol	6.35	128	260373	39.49	ng	92
9) Benzaldehyde	6.11	77	162387	38.31	ng	100
10) Phenol	6.25	94	316962	45.51	ng	86
11) bis(2-Chloroethyl)ether	6.31	93	258080	43.60	ng	90
12) 1,3-Dichlorobenzene	6.50	146	274523	38.81	ng	95
13) 1,4-Dichlorobenzene	6.58	146	288240	40.45	ng	98
14) 1,2-Dichlorobenzene	6.58	146	291610	45.00	ng	97
15) Benzyl Alcohol	6.73	79	180793	34.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	231798	28.99	ng	# 1
17) 2-Methylphenol	6.86	107	181914	34.03	ng	# 87
18) Hexachloroethane	7.07	117	90514	35.80	ng	96
19) n-Nitroso-di-n-propylamine	7.00	70	166643	38.59	ng	# 86
20) 3+4-Methylphenols	7.02	107	245352	39.33	ng	# 80
22) Acetophenone	6.99	105	350332	42.52	ng	# 97
24) Nitrobenzene	7.16	77	252061	41.21	ng	91
25) Isophorone	7.40	82	450156	38.49	ng	99
26) 2-Nitrophenol	7.48	139	128573	39.25	ng	# 72
27) 2,4-Dimethylphenol	7.54	122	215288	35.69	ng	97
28) bis(2-Chloroethoxy)methane	7.62	93	292420	40.31	ng	# 97
29) 2,4-Dichlorophenol	7.74	162	196512	39.02	ng	93
30) 1,2,4-Trichlorobenzene	7.79	180	213920	39.01	ng	96
31) Naphthalene	7.87	128	674120	36.95	ng	99
32) Benzoic acid	7.71	122	97792	29.44	ng	96
33) 4-Chloroaniline	7.94	127	293170	35.98	ng	96
34) Hexachlorobutadiene	7.99	225	108577	37.54	ng	98
35) Caprolactam	8.33	113	60268	36.13	ng	# 85
36) 4-Chloro-3-methylphenol	8.44	107	207010	38.43	ng	98
37) 2-Methylnaphthalene	8.56	142	431017	35.84	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	186462	44.20	ng	# 1
40) Hexachlorocyclopentadiene	8.72	237	7817	3.01	ng	96

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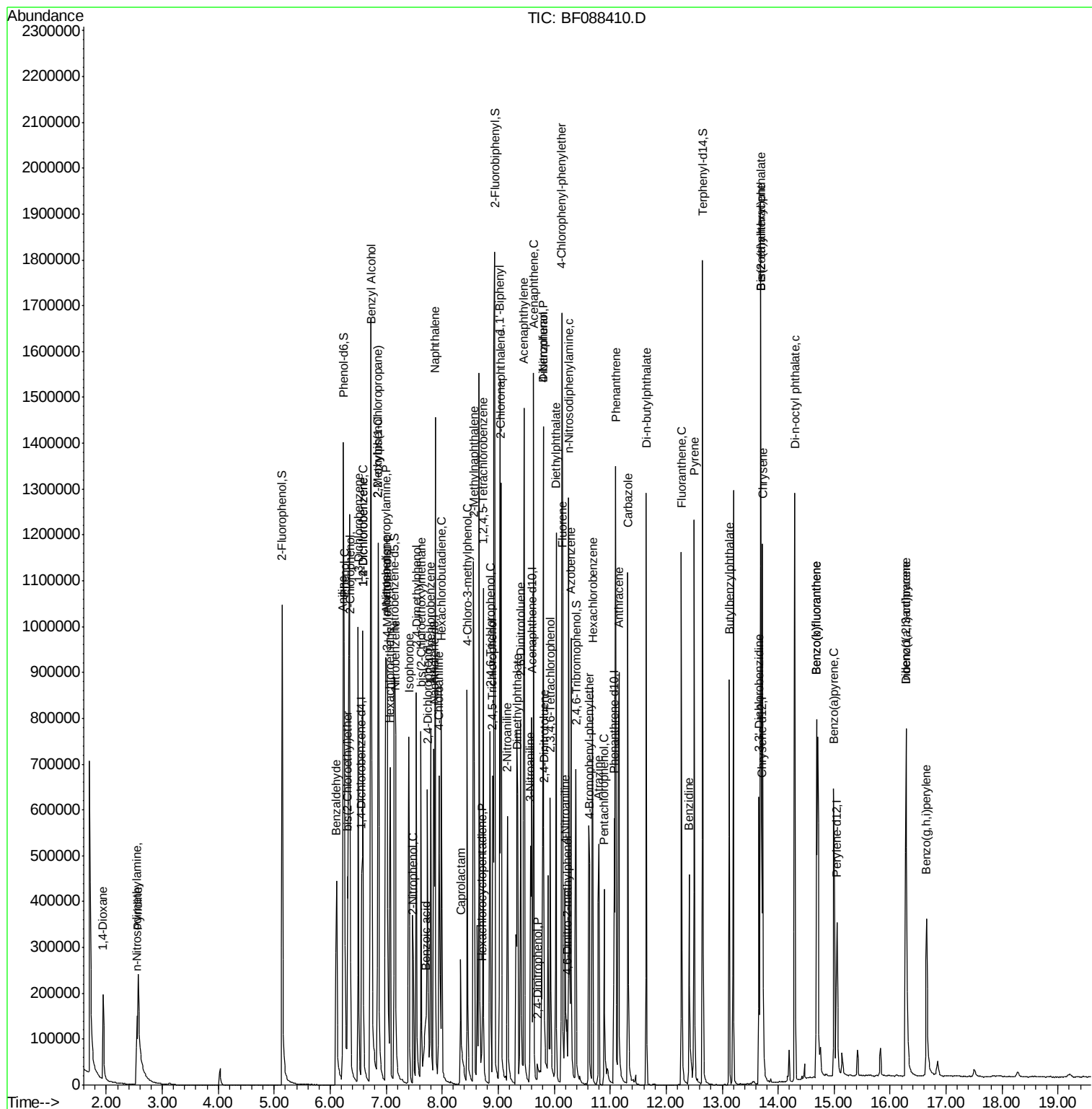
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	121945	37.85	ng	98
43) 2,4,5-Trichlorophenol	8.90	196	127494	38.04	ng	# 89
45) 1,1'-Biphenyl	9.03	154	523832	43.05	ng	98
46) 2-Chloronaphthalene	9.05	162	408611	39.20	ng	100
47) 2-Nitroaniline	9.16	65	121915	39.64	ng	# 74
48) Acenaphthylene	9.46	152	641172	38.67	ng	99
49) Dimethylphthalate	9.35	163	510817	43.77	ng	98
50) 2,6-Dinitrotoluene	9.40	165	94759	35.46	ng	# 60
51) Acenaphthene	9.63	154	377089	36.45	ng	98
52) 3-Nitroaniline	9.58	138	120936	39.22	ng	96
53) 2,4-Dinitrophenol	9.70	184	14260	14.52	ng	90
54) Dibenzofuran	9.80	168	549492	38.57	ng	# 91
55) 4-Nitrophenol	9.80	139	325099	135.82	ng	# 11
56) 2,4-Dinitrotoluene	9.82	165	127584	37.15	ng	99
57) Fluorene	10.15	166	400608	41.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	95162	36.13	ng	# 54
59) Diethylphthalate	10.03	149	465097	39.37	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	175946	37.14	ng	93
61) 4-Nitroaniline	10.19	138	116293	39.76	ng	99
62) Azobenzene	10.30	77	431422	36.93	ng	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	19615	13.71	ng	# 74
65) n-Nitrosodiphenylamine	10.26	169	371564	43.11	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	118472	42.52	ng	96
67) Hexachlorobenzene	10.68	284	107817	37.24	ng	97
68) Atrazine	10.80	200	97141	37.22	ng	96
69) Pentachlorophenol	10.89	266	74071	48.54	ng	97
70) Phenanthrene	11.10	178	540328	39.65	ng	99
71) Anthracene	11.15	178	586574	42.67	ng	97
72) Carbazole	11.31	167	552786	42.97	ng	99
73) Di-n-butylphthalate	11.64	149	668679	41.06	ng	99
74) Fluoranthene	12.27	202	516235	35.89	ng	98
76) Benzidine	12.41	184	267490	51.72	ng	98
77) Pyrene	12.50	202	544642	39.29	ng	99
79) Butylbenzylphthalate	13.13	149	284698	46.45	ng	95
80) Benzo(a)anthracene	13.69	228	399326	37.51	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	150910	52.72	ng	# 97
82) Chrysene	13.73	228	474138	47.34	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	347940	46.64	ng	# 98
84) Di-n-octyl phthalate	14.30	149	651883	53.77	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.29	276	337797	36.30	ng	# 100
87) Benzo(b)fluoranthene	14.69	252	779956	69.32	ng	# 96
88) Benzo(k)fluoranthene	14.69	252	781067	92.02	ng	99
89) Benzo(a)pyrene	14.99	252	357774	39.30	ng	100
90) Dibenzo(a,h)anthracene	16.29	278	291174	34.44	ng	99
91) Benzo(g,h,i)perylene	16.65	276	283252	32.57	ng	98

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

```
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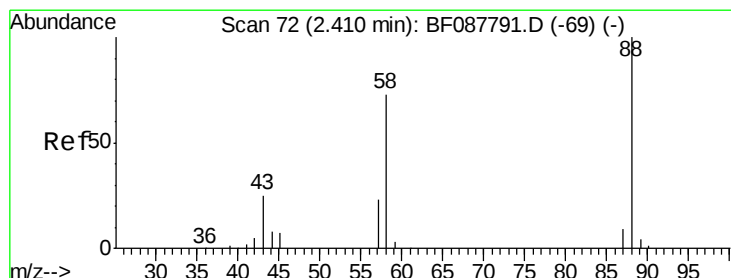
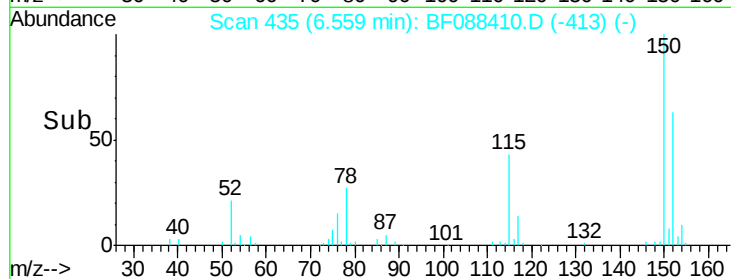
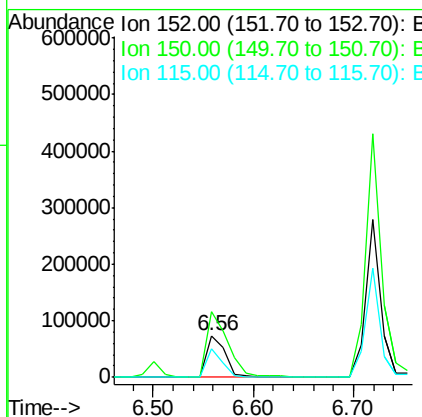
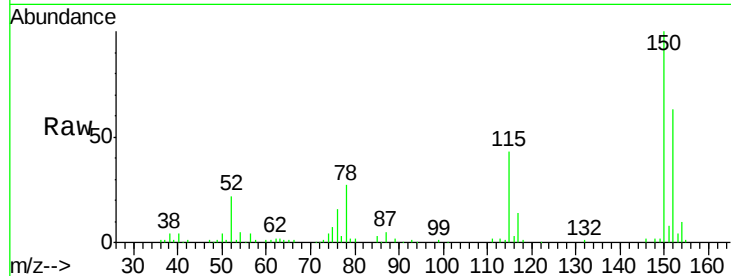




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

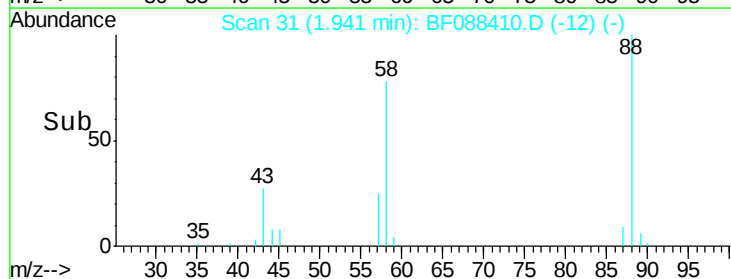
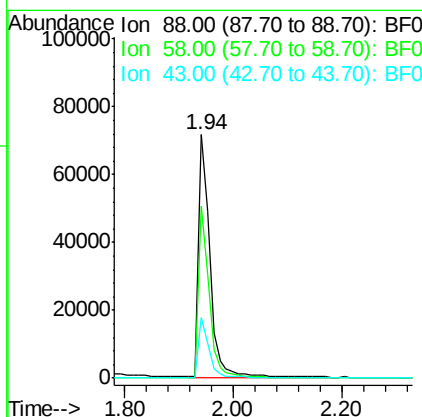
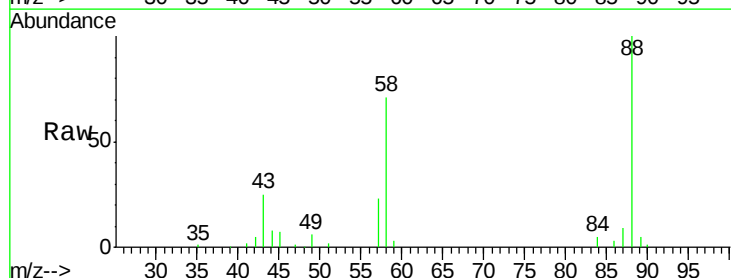
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

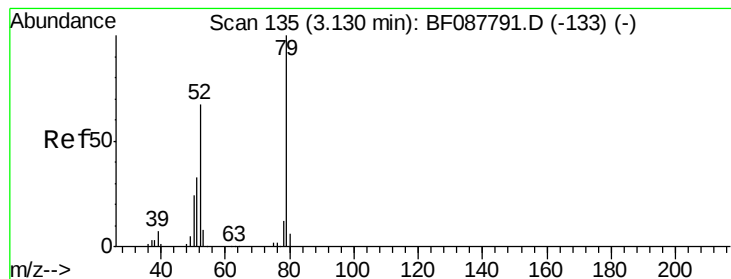
Tgt Ion:152 Resp: 95220
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.8 185.6
 115 67.6 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 39.21 ng
 RT: 1.94 min Scan# 31
 Delta R.T. -0.08 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion: 88 Resp: 106115
 Ion Ratio Lower Upper
 88 100
 58 63.9 0.0 0.0#
 43 22.2 3.4 5.2#





#3

Pyridine

Concen: 38.76 ng

RT: 2.57 min Scan# 86

Delta R.T. -0.10 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

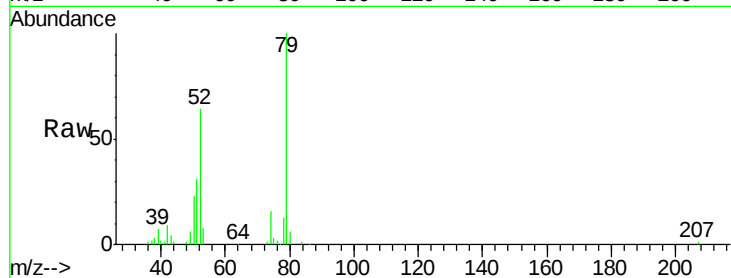
Tgt Ion: 79 Resp: 247667

Ion Ratio Lower Upper

79 100

52 63.8 56.3 84.5

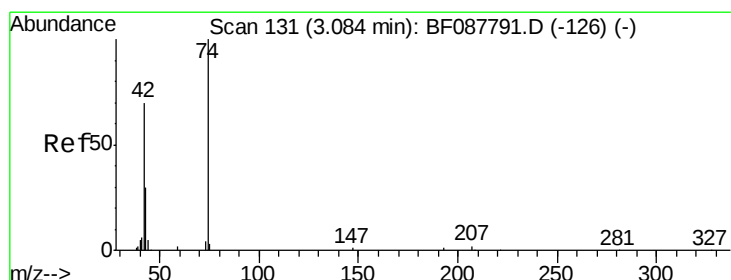
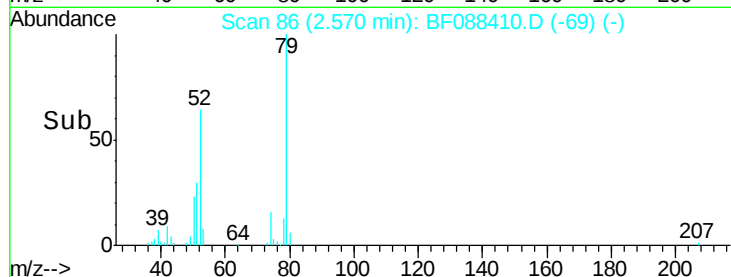
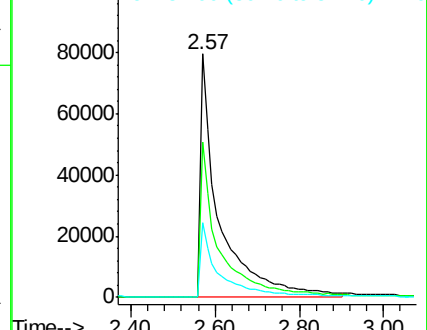
51 30.7 27.4 41.2



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: 33.61 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.08 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

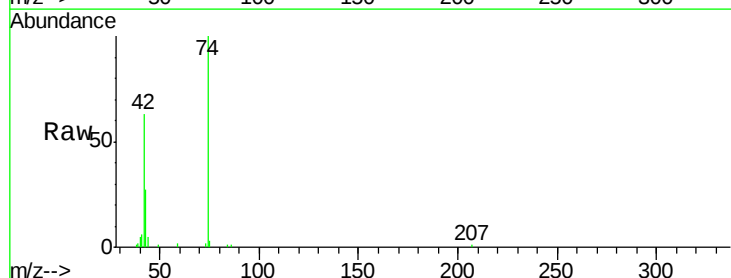
Tgt Ion: 42 Resp: 90967

Ion Ratio Lower Upper

42 100

74 157.7 108.6 163.0

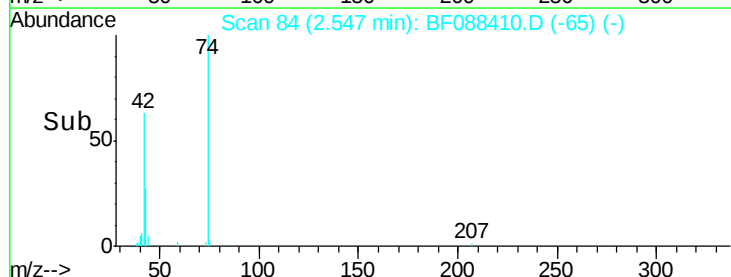
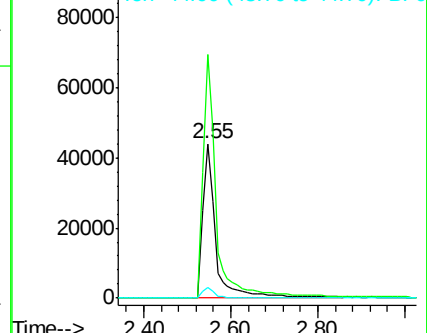
44 7.1 5.5 8.3

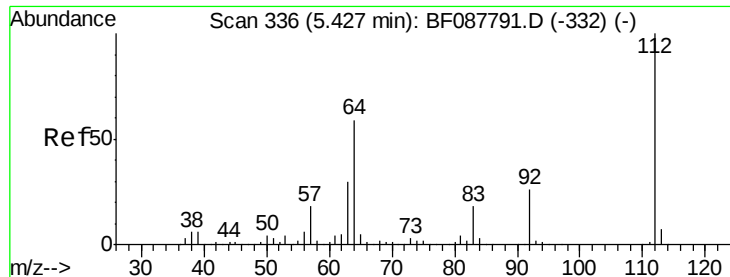


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.45 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

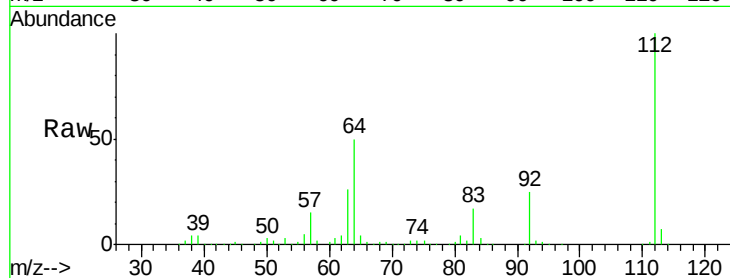
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

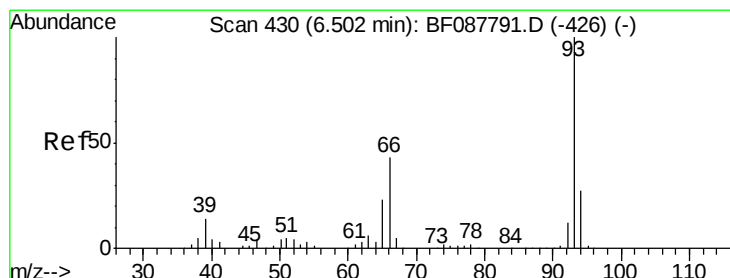
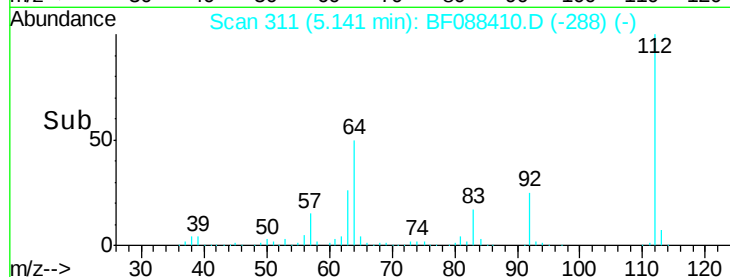
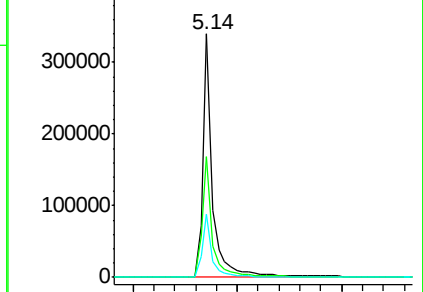
Tgt Ion:	112	Resp:	442551
Ion	Ratio	Lower	Upper
112	100		
64	49.5	42.2	63.2
63	25.8	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.29 ng

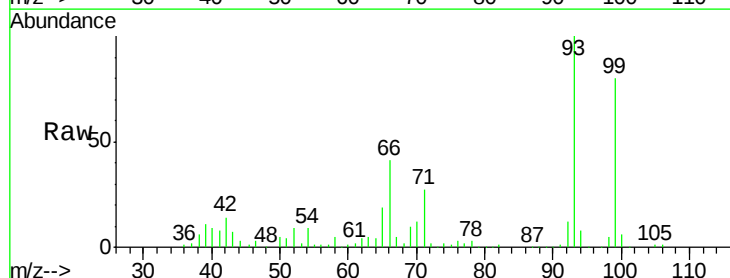
RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

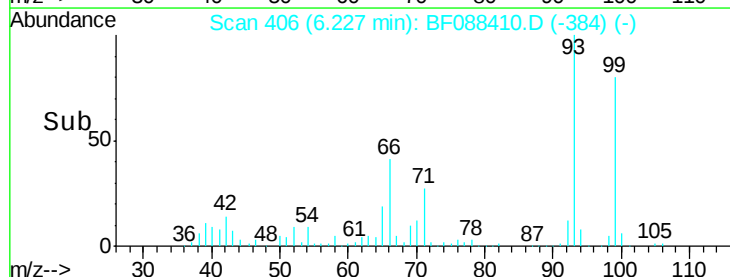
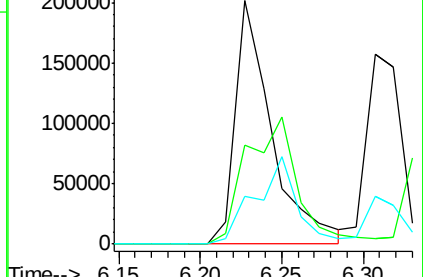
Tgt Ion:	93	Resp:	310258
Ion	Ratio	Lower	Upper
93	100		
66	40.8	29.8	44.8
65	19.4	14.9	22.3

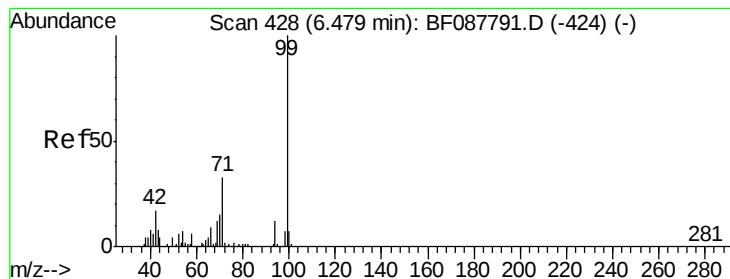


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.45 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

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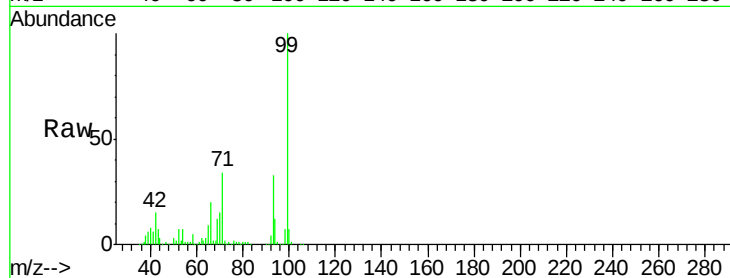
Tgt Ion: 99 Resp: 482324

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

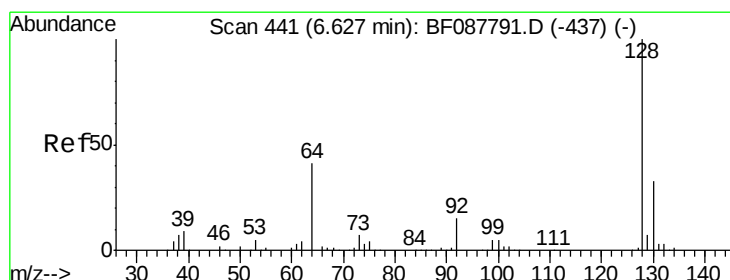
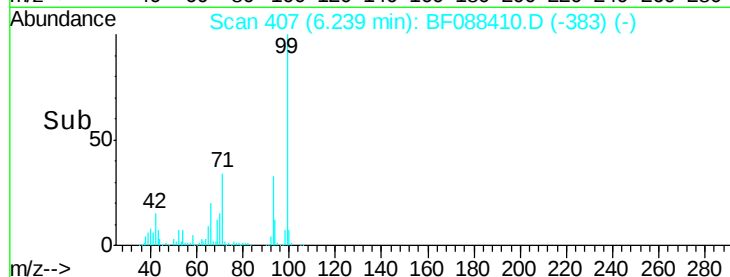
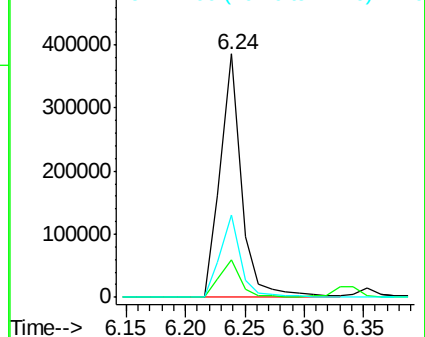
71 33.7 23.4 35.0



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: 39.49 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

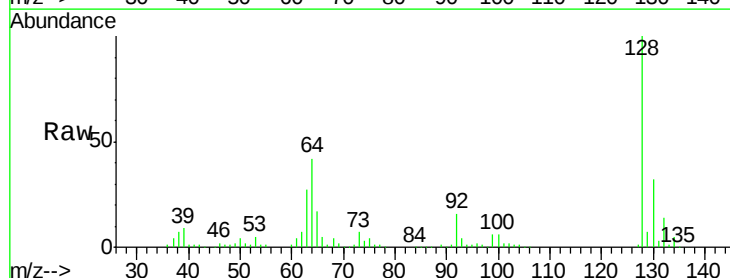
Tgt Ion: 128 Resp: 260373

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

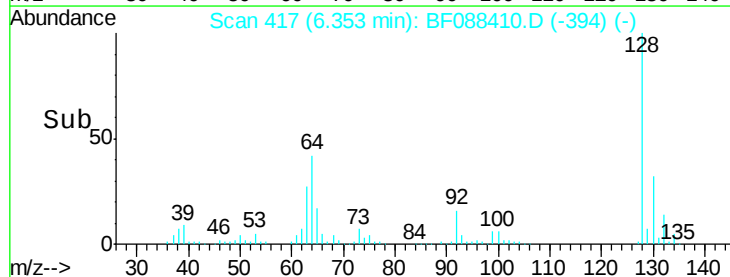
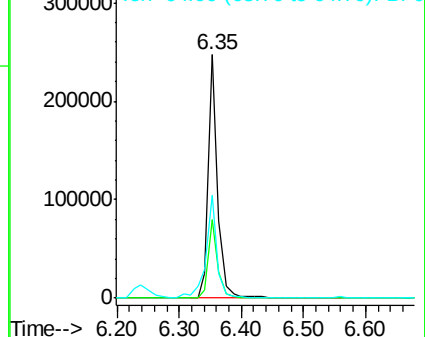
64 42.3 30.8 70.8

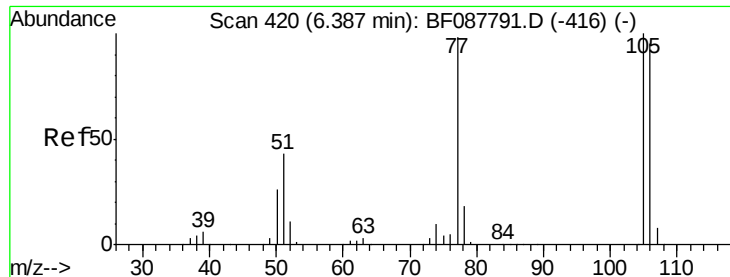


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.31 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

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BNA_F

ClientSampleId :

SSTDCCC040EC

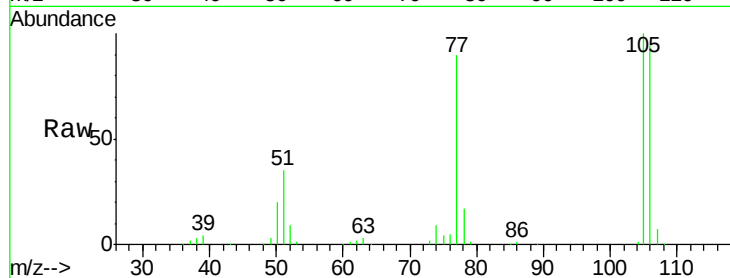
Tgt Ion: 77 Resp: 162387

Ion Ratio Lower Upper

77 100

105 111.4 90.6 130.6

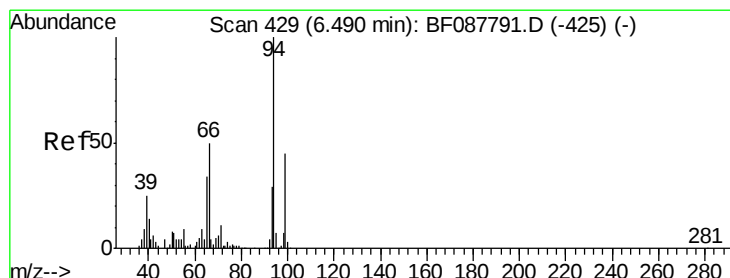
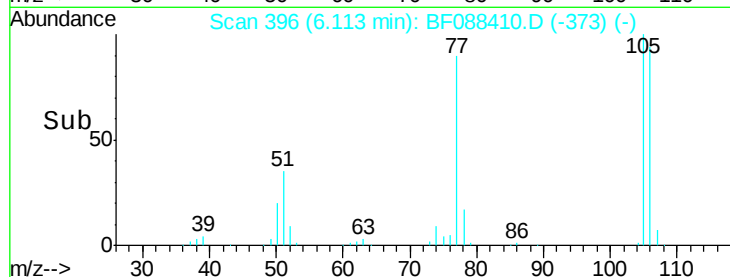
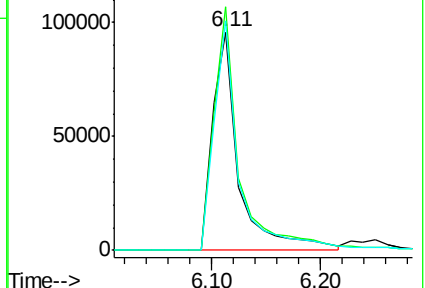
106 105.1 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.51 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

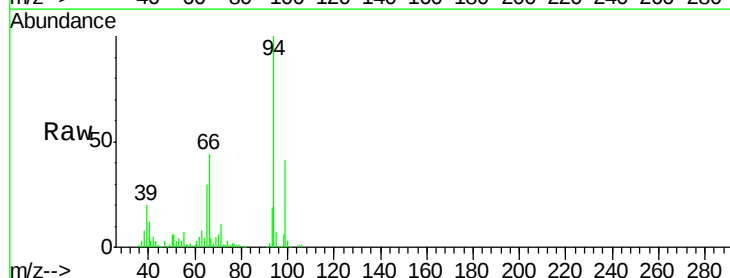
Tgt Ion: 94 Resp: 316962

Ion Ratio Lower Upper

94 100

65 30.4 5.9 45.9

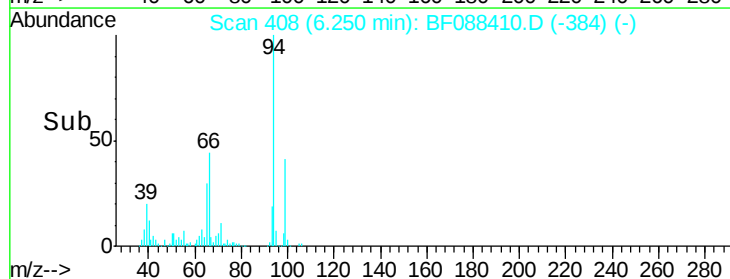
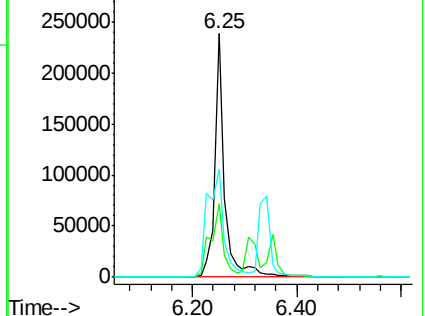
66 44.2 14.0 54.0

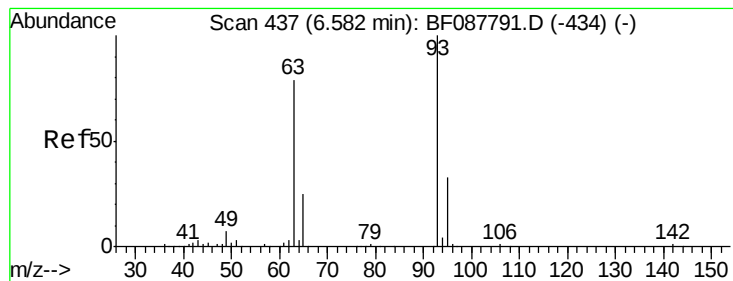


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.60 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

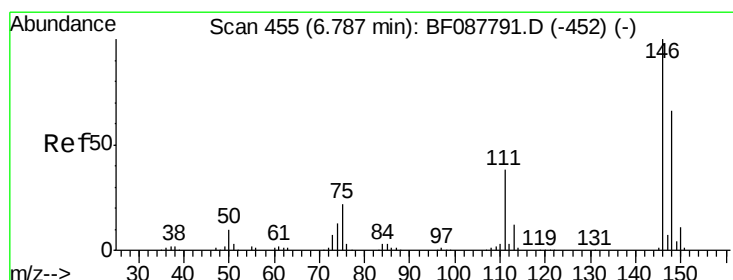
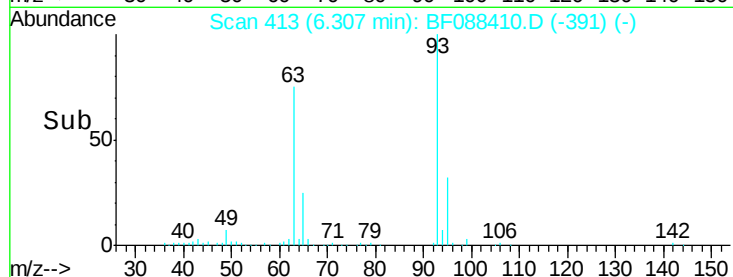
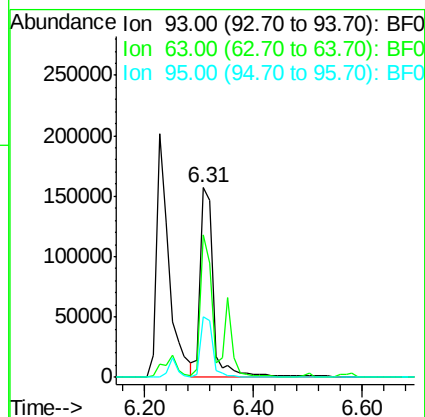
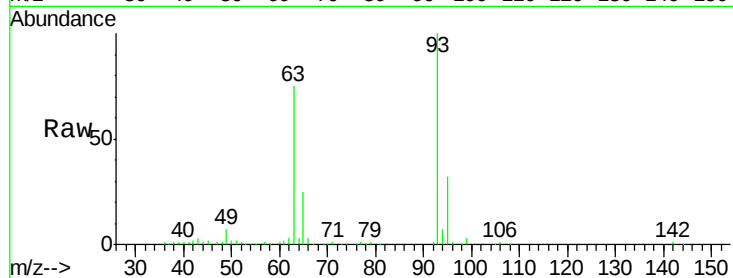
Tgt Ion: 93 Resp: 258080

Ion Ratio Lower Upper

93 100

63 75.3 67.6 107.6

95 31.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.81 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

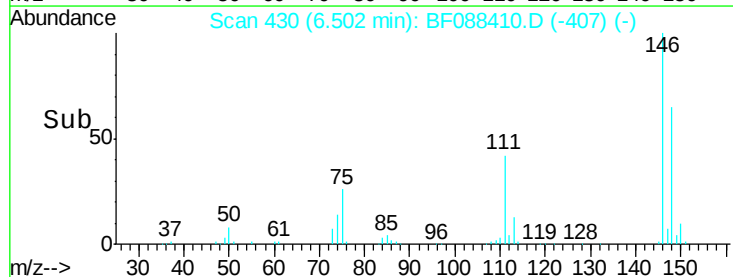
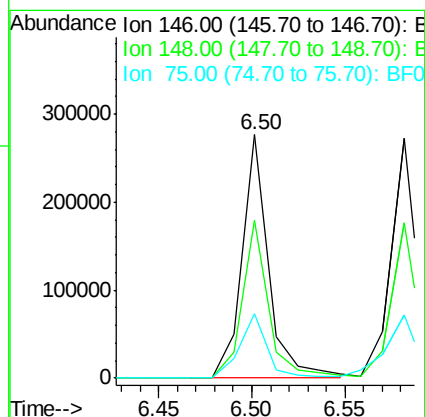
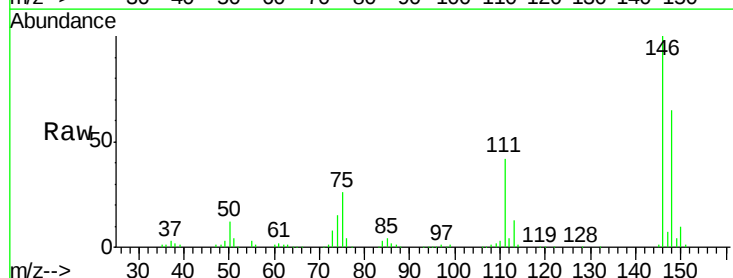
Tgt Ion: 146 Resp: 274523

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

75 26.3 25.6 38.4

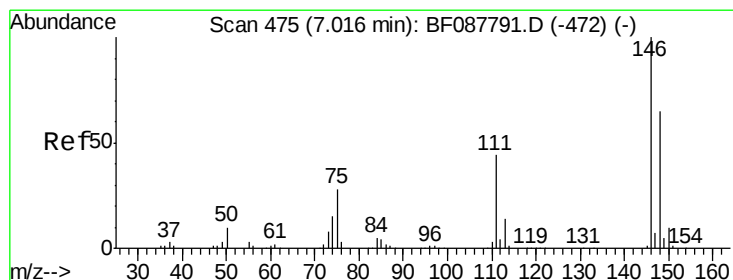
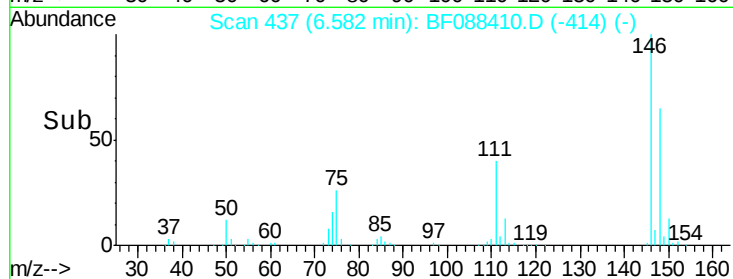
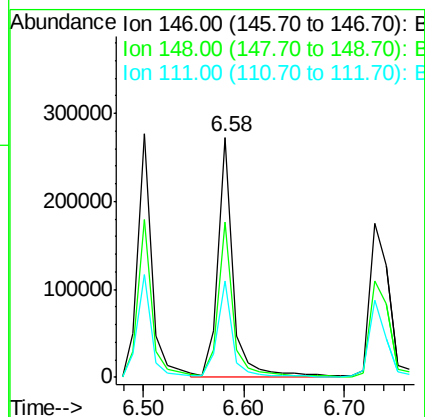
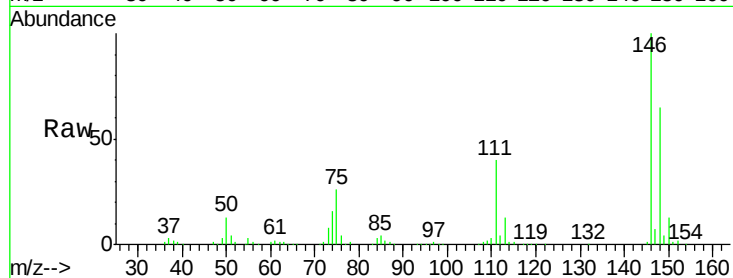




#13
 1,4-Dichlorobenzene
 Concen: 40.45 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

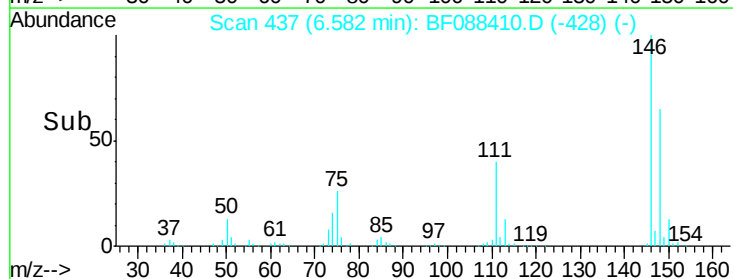
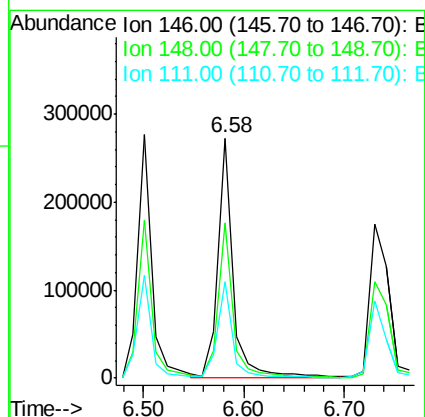
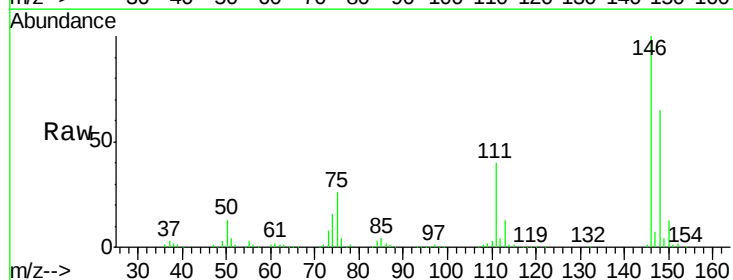
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

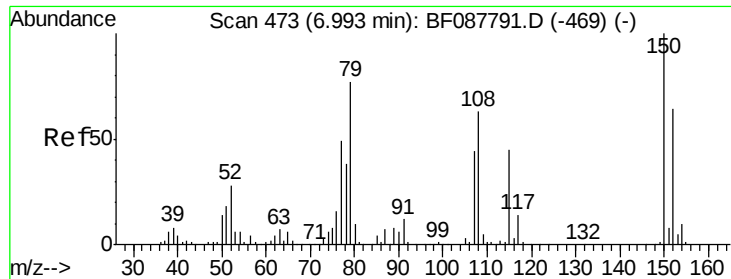
Tgt Ion:146 Resp: 288240
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.19 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:146 Resp: 291610
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 40.0 28.7 43.1

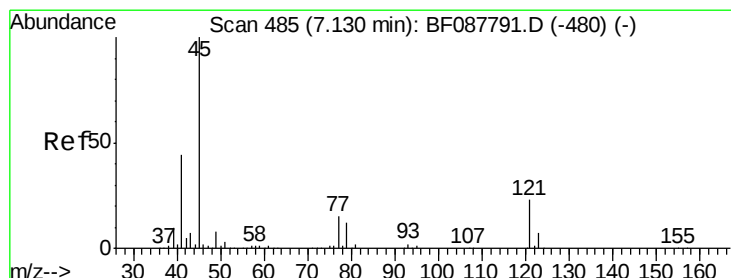
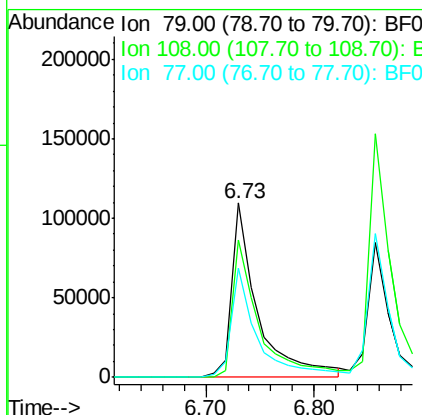
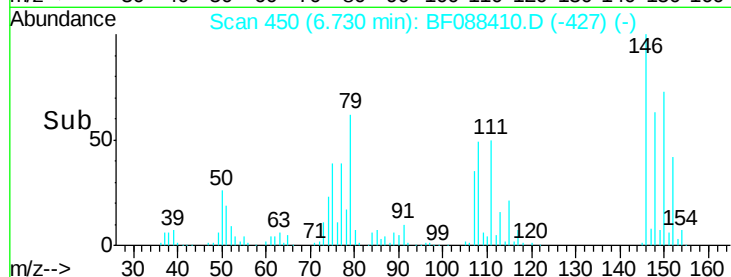
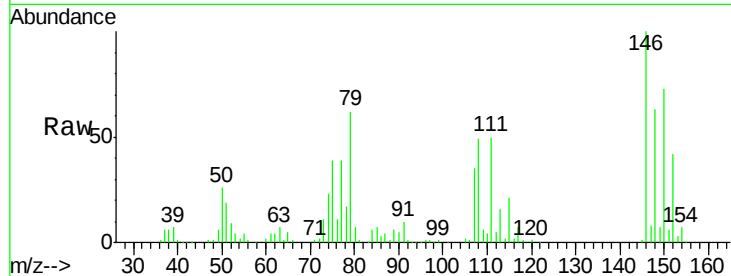




#15
Benzyl Alcohol
Concen: 34.23 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

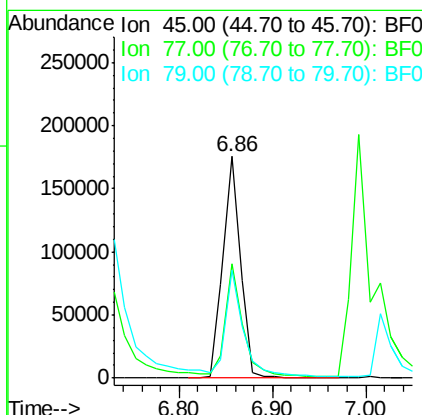
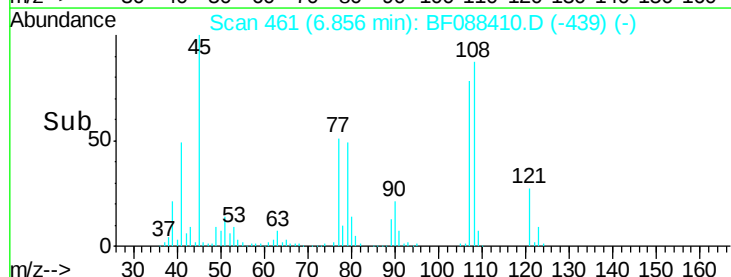
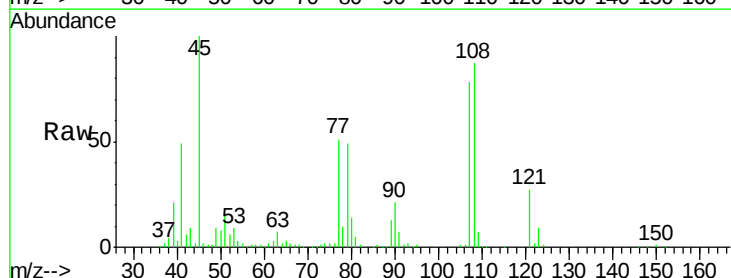
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

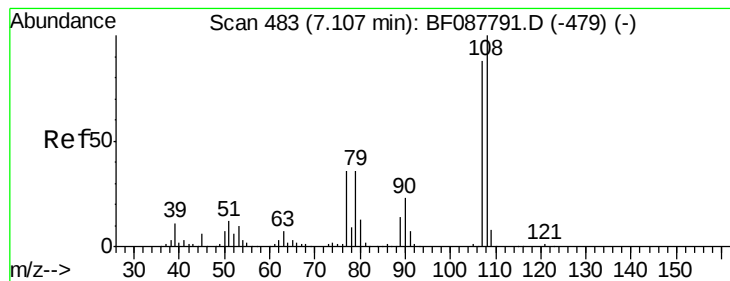
Tgt Ion: 79 Resp: 180793
Ion Ratio Lower Upper
79 100
108 79.2 65.0 97.6
77 62.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.99 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion: 45 Resp: 231798
Ion Ratio Lower Upper
45 100
77 51.4 0.0 32.5#
79 48.5 0.0 29.5#





#17

2-Methylphenol

Concen: 34.03 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 181914

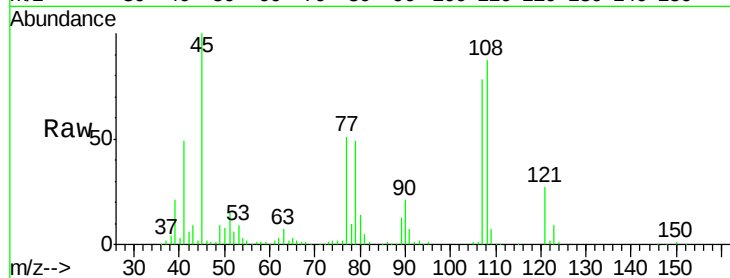
Ion Ratio Lower Upper

107 100

108 112.5 90.9 136.3

77 66.3 36.6 55.0#

79 62.5 36.5 54.7#

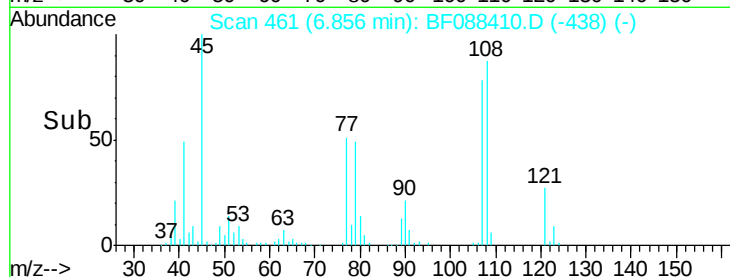


Abundance Ion 107.00 (106.70 to 107.70): E

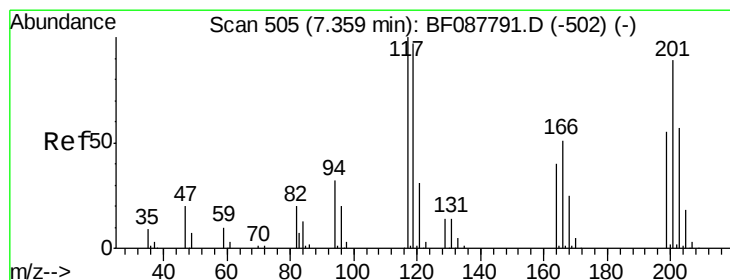
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 35.80 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

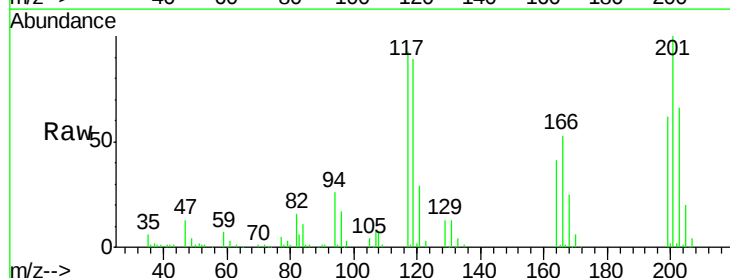
Tgt Ion:117 Resp: 90514

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.2

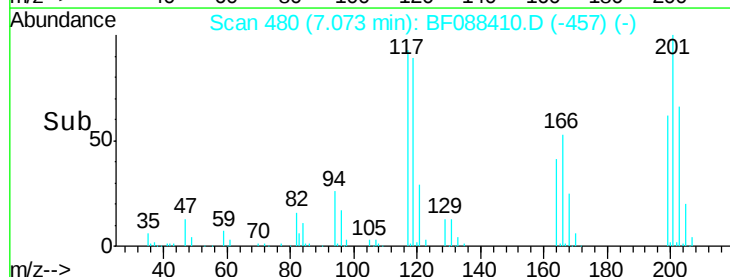
201 107.8 80.4 120.6



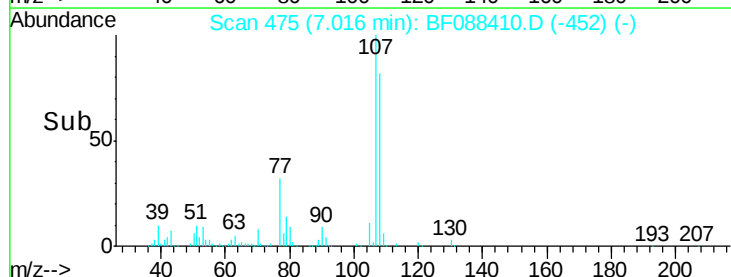
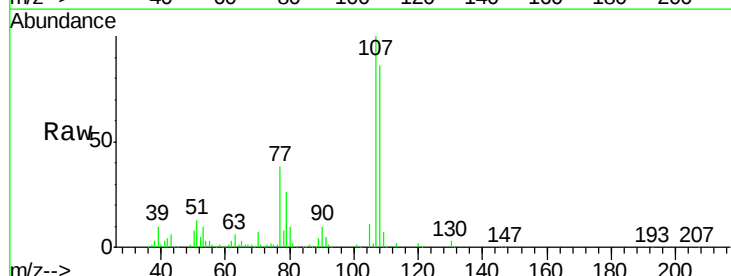
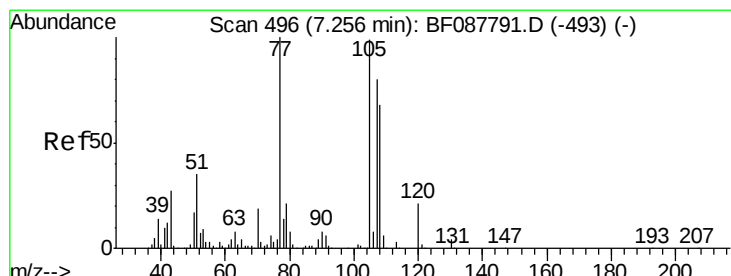
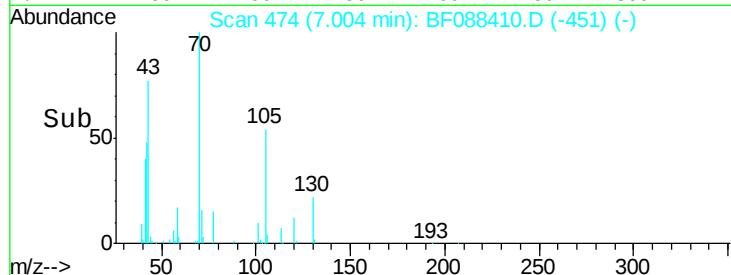
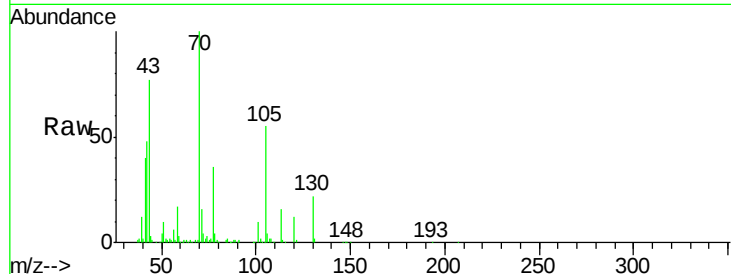
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



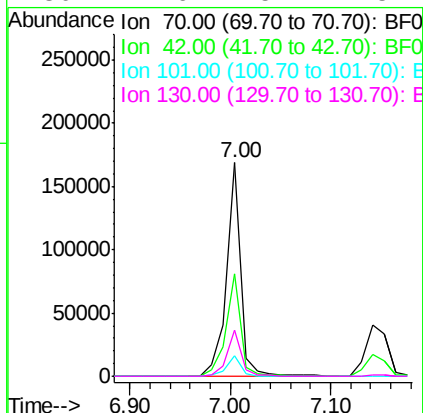
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.59 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

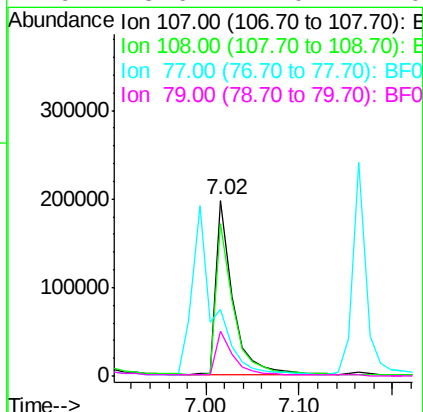
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

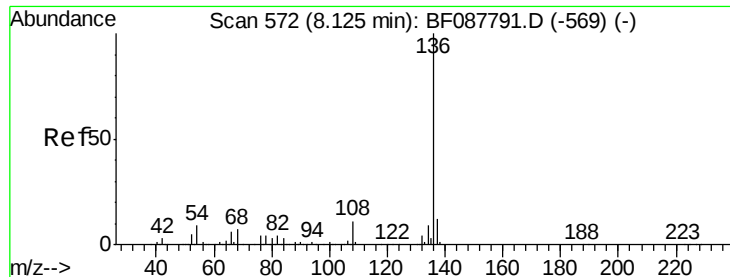
Tgt Ion: 70 Resp: 166643
Ion Ratio Lower Upper
70 100
42 47.9 49.6 74.4#
101 9.8 7.1 10.7
130 21.6 15.4 23.2



#20
3+4-Methylphenols
Concen: 39.33 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion: 107 Resp: 245352
Ion Ratio Lower Upper
107 100
108 86.3 67.8 107.8
77 37.7 59.3 99.3#
79 25.6 7.0 47.0

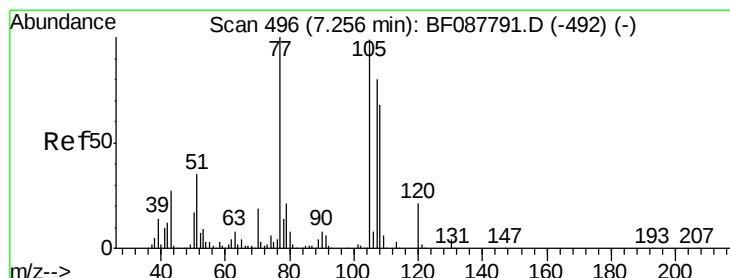
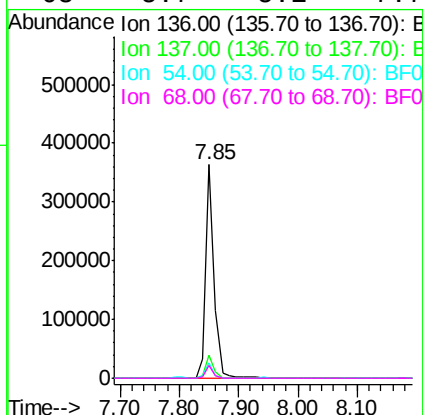
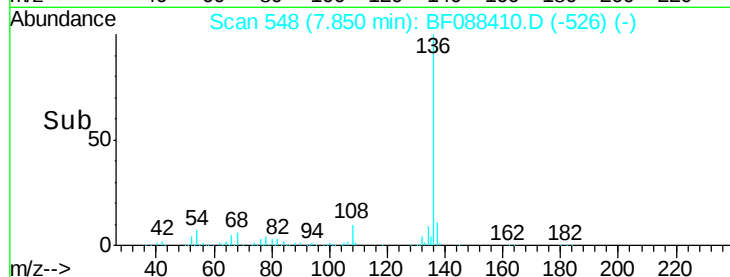
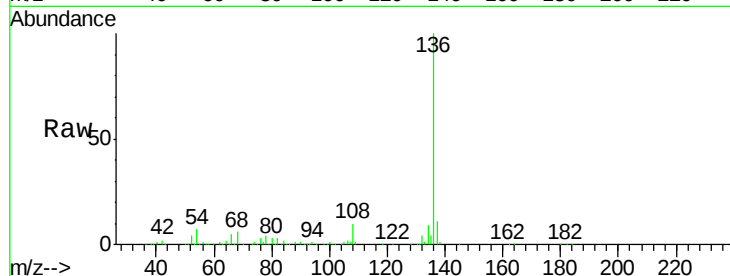




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

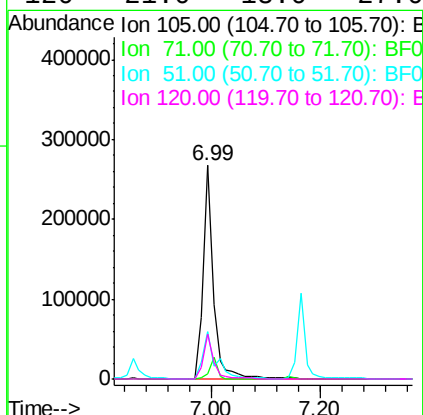
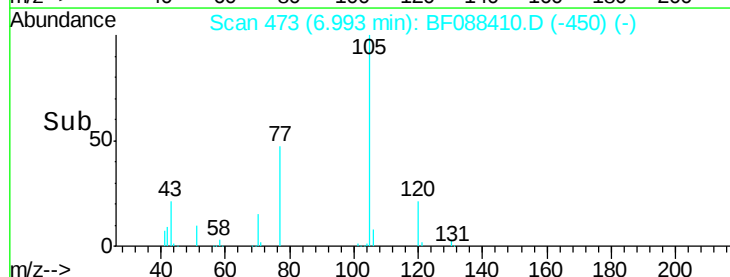
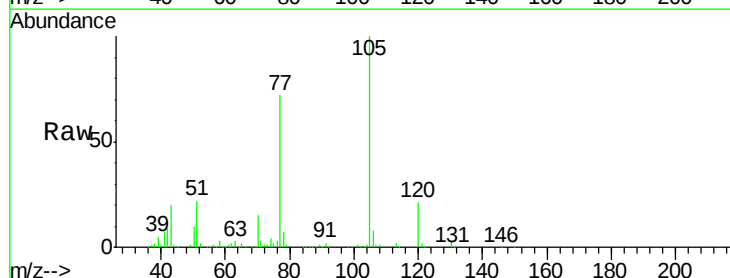
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

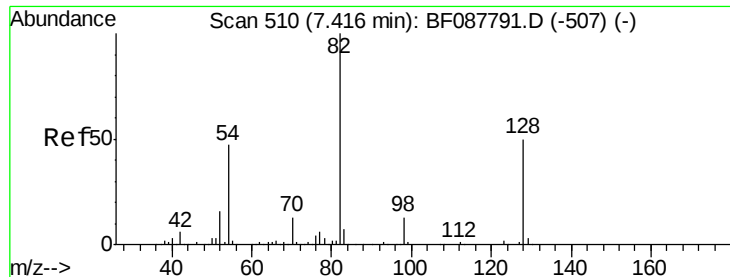
Tgt Ion:	136	Resp:	368680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	6.6	10.0
68	5.7	5.1	7.7



#22
Acetophenone
Concen: 42.52 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion:	105	Resp:	350332
Ion	Ratio	Lower	Upper
105	100		
71	2.6	5.3	7.9#
51	22.1	18.2	27.4
120	21.0	18.0	27.0

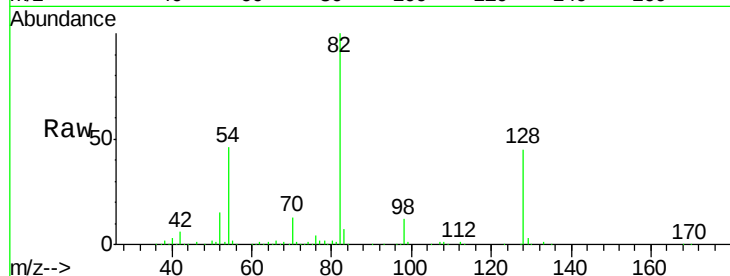




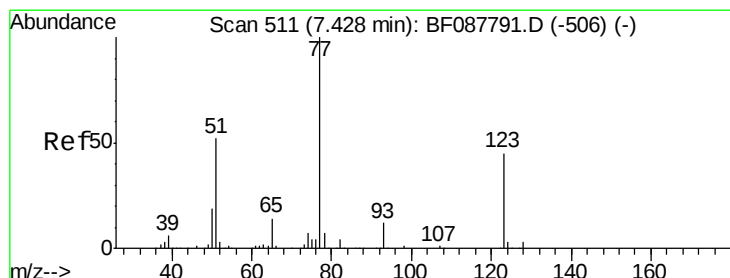
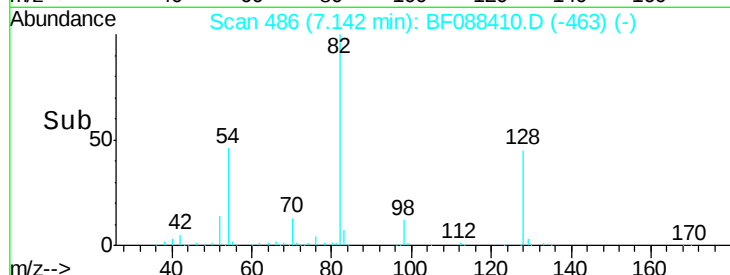
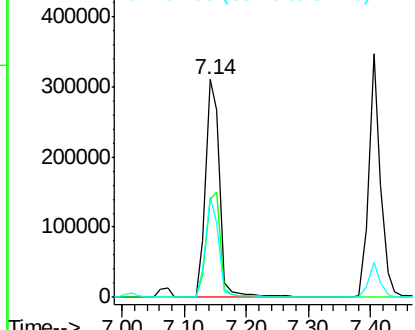
#23
 Nitrobenzene-d5
 Concen: 78.00 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 492460
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.9 53.9
 54 46.0 40.9 61.3

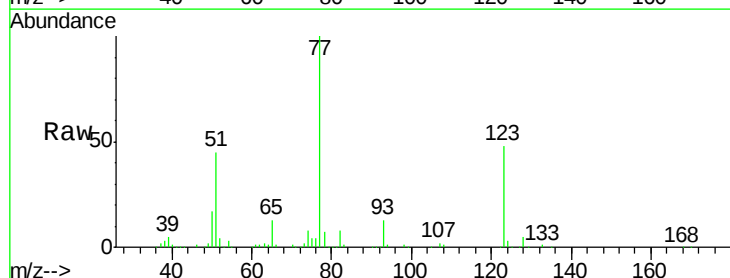


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

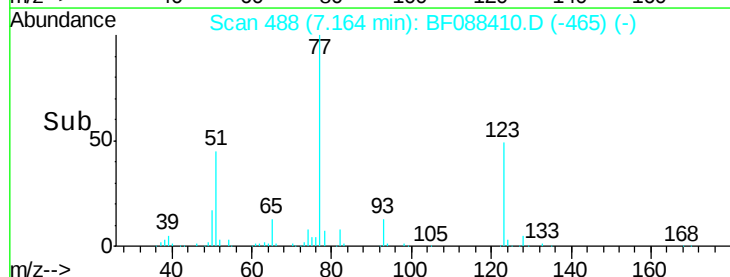
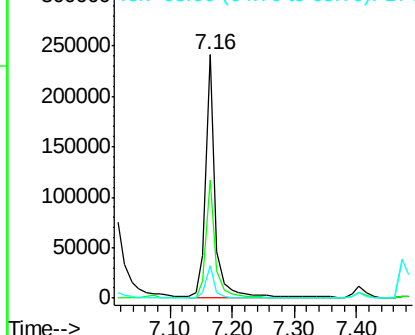


#24
 Nitrobenzene
 Concen: 41.21 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion: 77 Resp: 252061
 Ion Ratio Lower Upper
 77 100
 123 48.4 45.0 67.4
 65 13.2 10.2 15.2



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





#25

Isophorone

Concen: 38.49 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

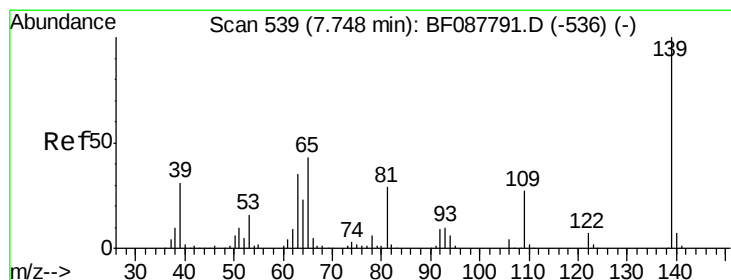
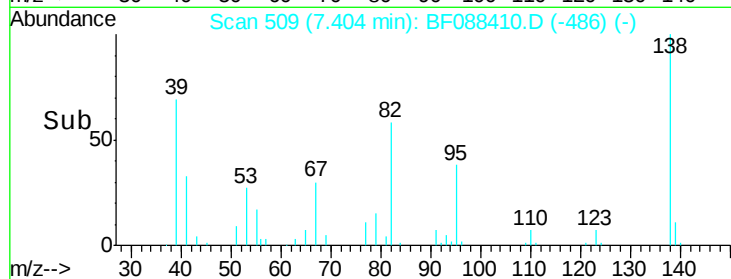
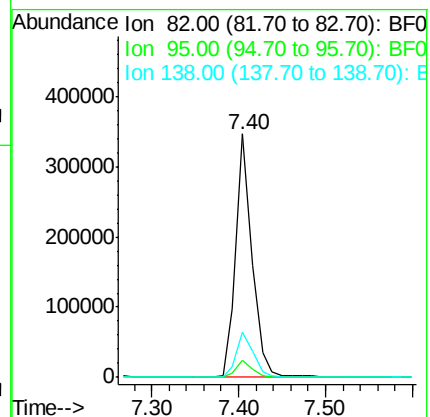
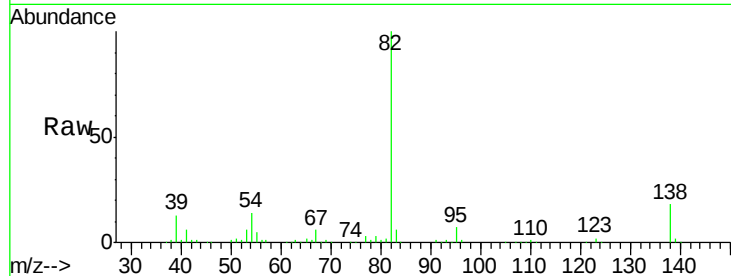
Tgt Ion: 82 Resp: 450156

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.4 14.6 21.8



#26

2-Nitrophenol

Concen: 39.25 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

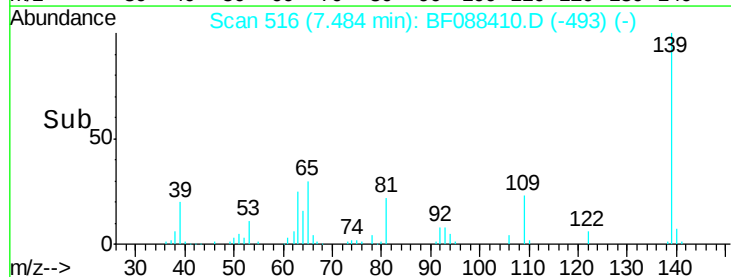
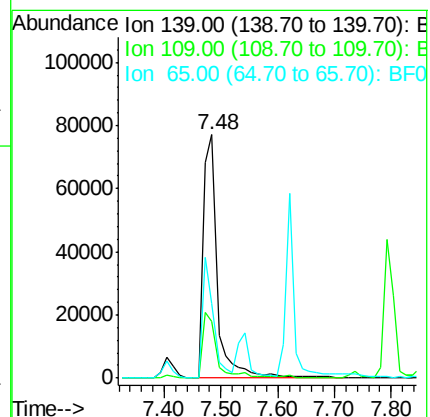
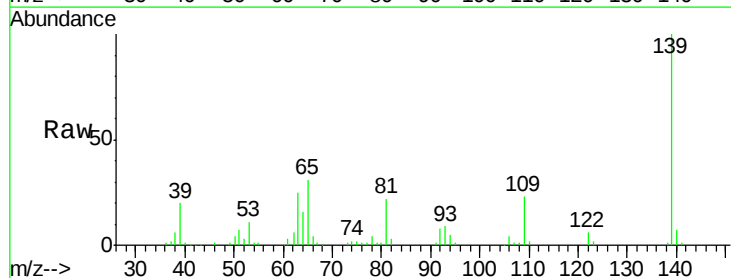
Tgt Ion: 139 Resp: 128573

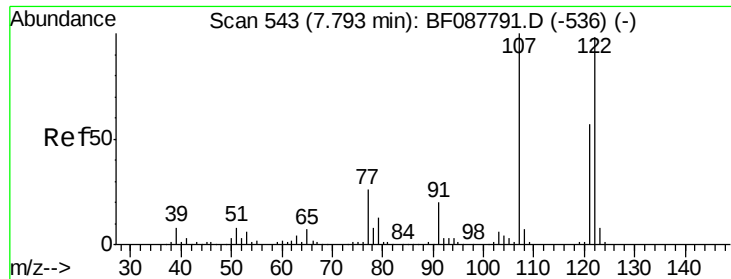
Ion Ratio Lower Upper

139 100

109 23.1 23.0 34.4

65 30.6 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 35.69 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

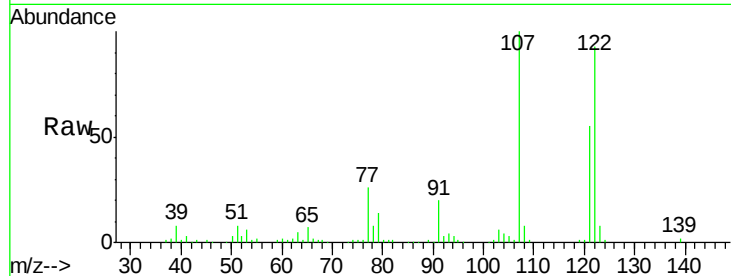
Tgt Ion:122 Resp: 215288

Ion Ratio Lower Upper

122 100

107 107.0 82.4 123.6

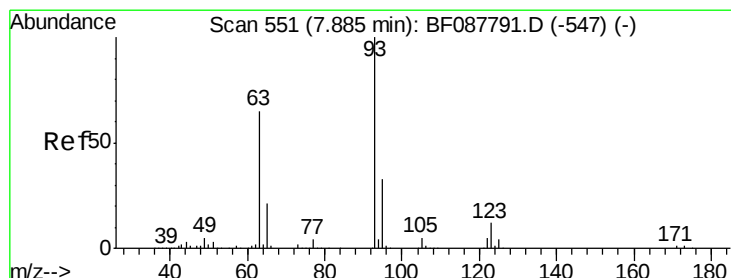
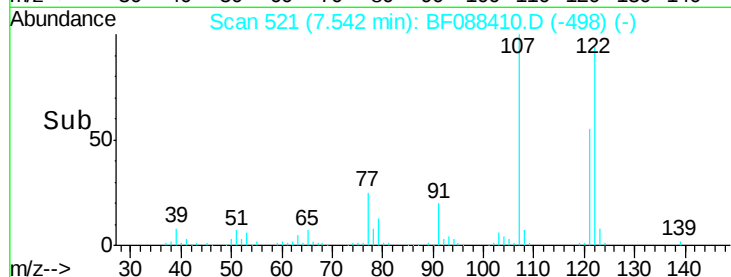
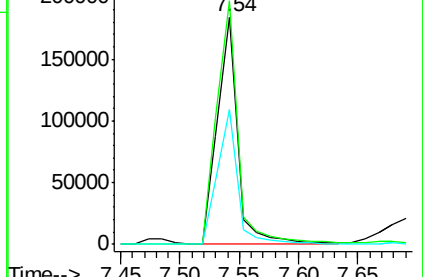
121 59.1 46.3 69.5



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: 40.31 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

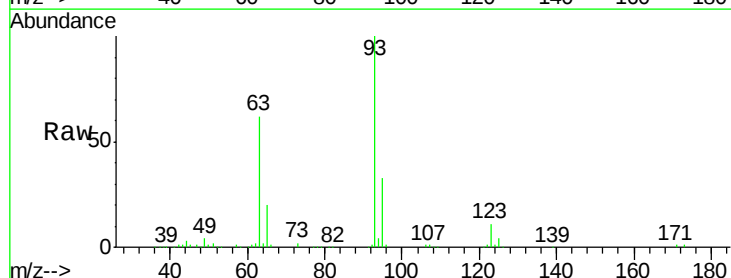
Tgt Ion: 93 Resp: 292420

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

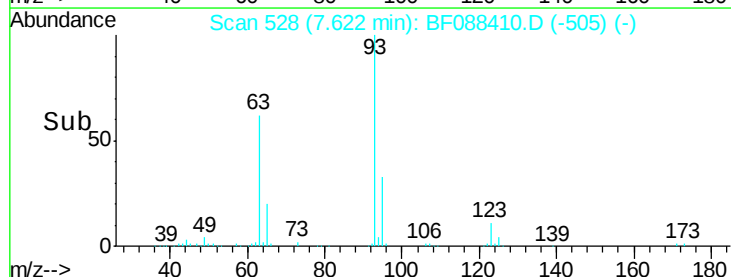
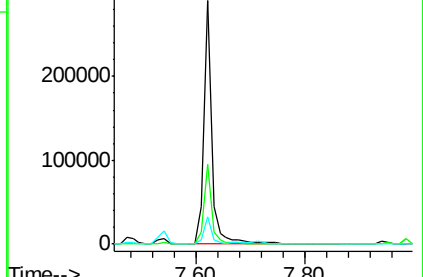
123 11.0 11.6 17.4#

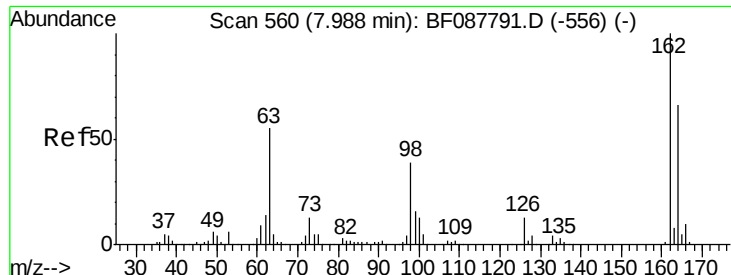


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

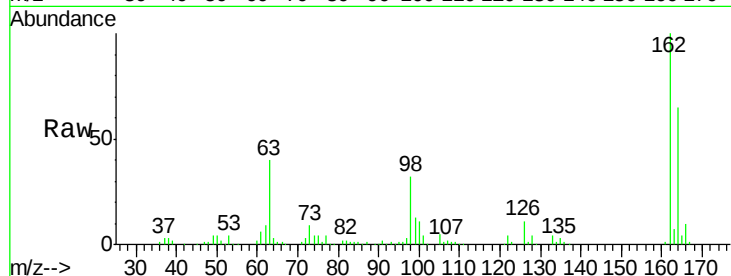




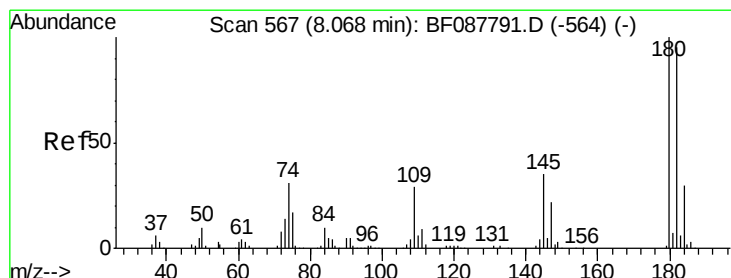
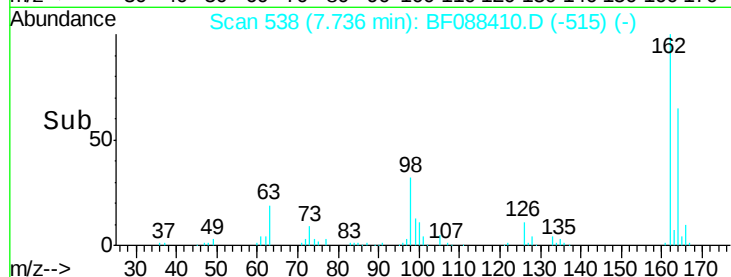
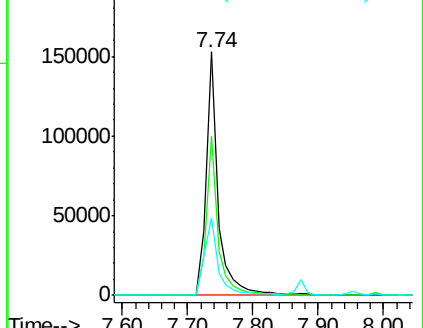
#29
2,4-Dichlorophenol
Concen: 39.02 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 196512
Ion Ratio Lower Upper
162 100
164 65.3 43.8 83.8
98 31.9 21.3 61.3

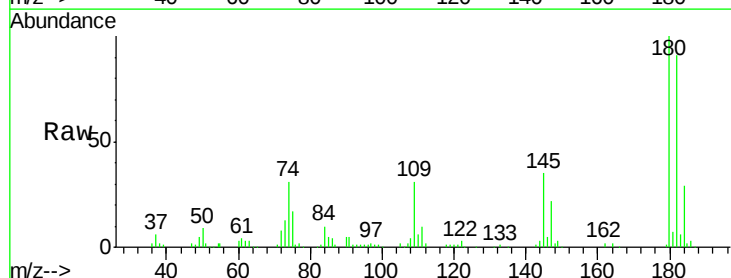


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

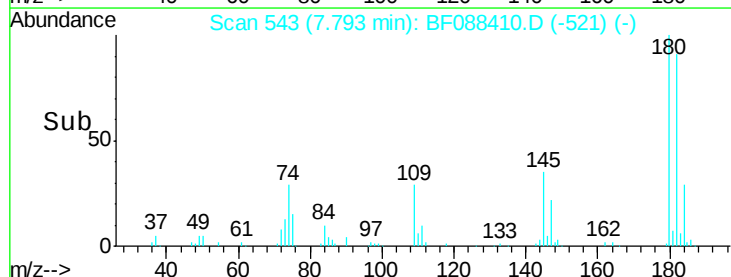
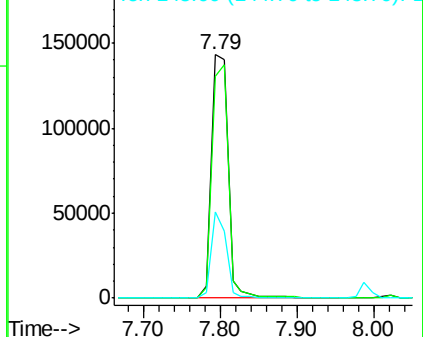


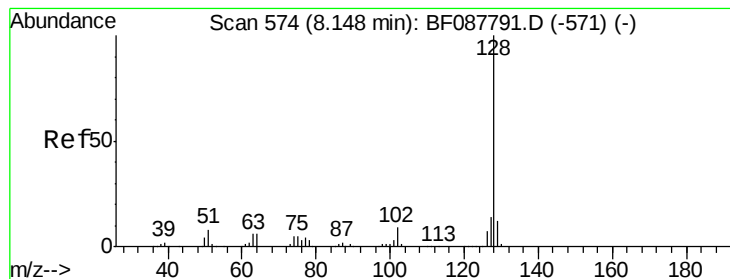
#30
1,2,4-Trichlorobenzene
Concen: 39.01 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion:180 Resp: 213920
Ion Ratio Lower Upper
180 100
182 91.4 76.0 114.0
145 35.4 26.5 39.7



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: 36.95 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

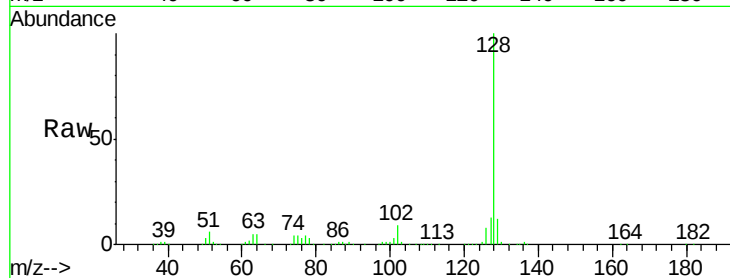
Tgt Ion:128 Resp: 674120

Ion Ratio Lower Upper

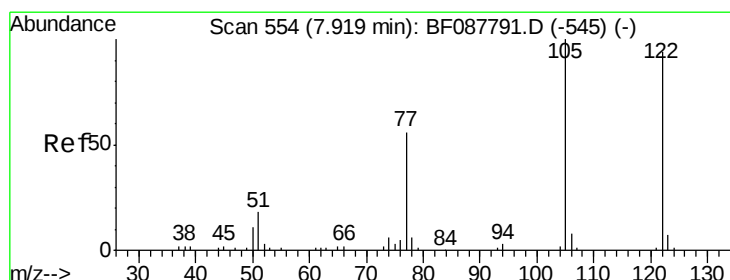
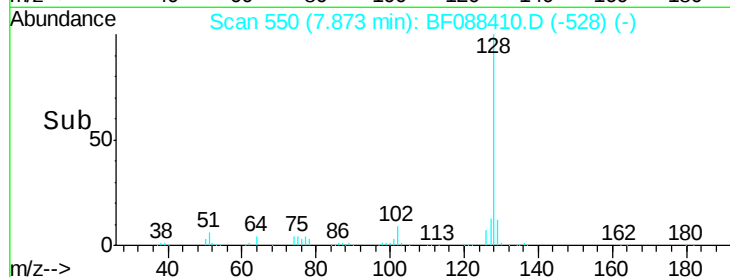
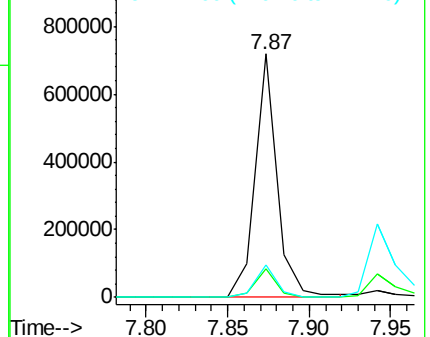
128 100

129 11.6 9.4 14.2

127 13.4 10.9 16.3



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: 29.44 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

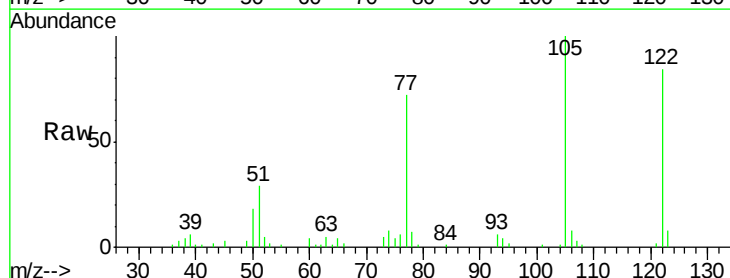
Tgt Ion:122 Resp: 97792

Ion Ratio Lower Upper

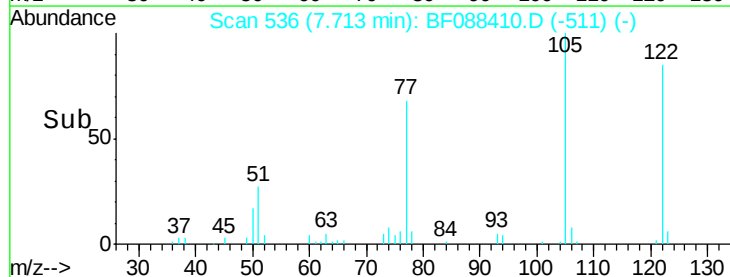
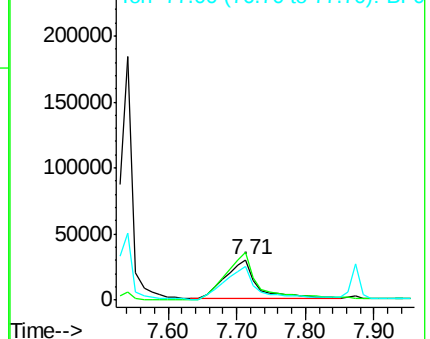
122 100

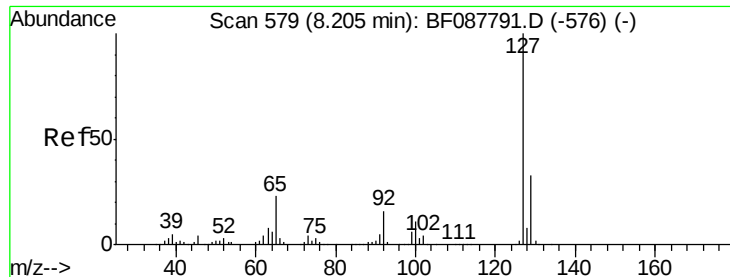
105 118.5 101.6 141.6

77 84.8 70.6 110.6



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

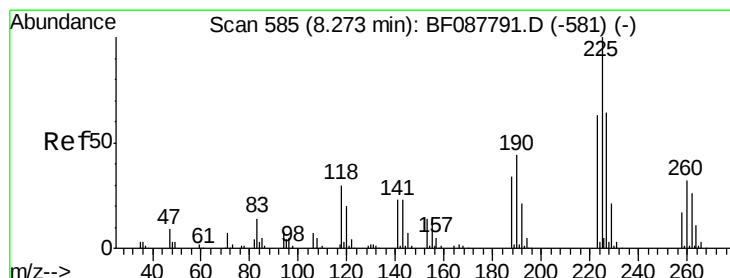
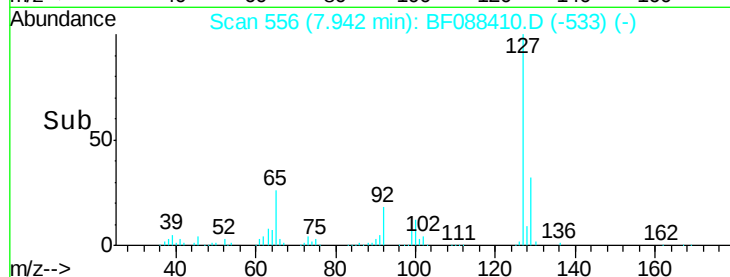
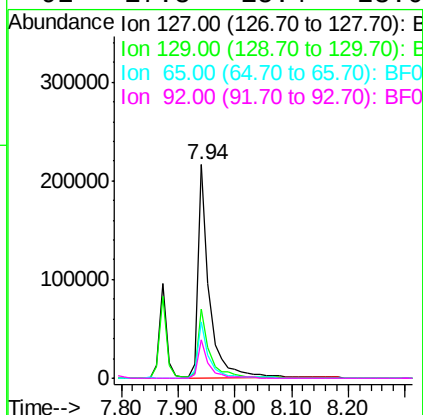
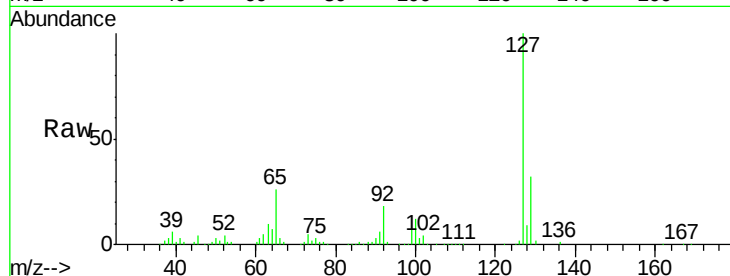




#33
4-Chloroaniline
Concen: 35.98 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

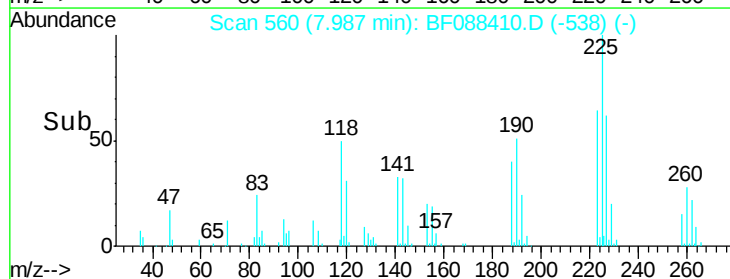
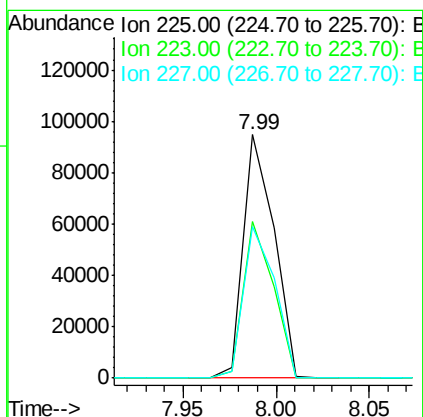
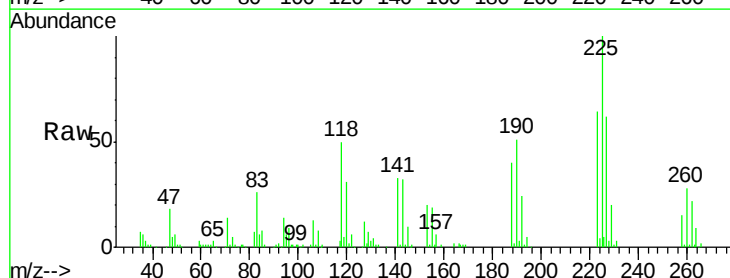
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

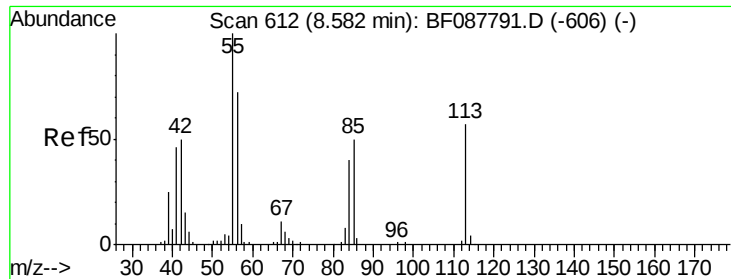
Tgt Ion:	127	Resp:	293170
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.3	24.7	37.1
92	17.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.54 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion:	225	Resp:	108577
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	62.1	51.9	77.9

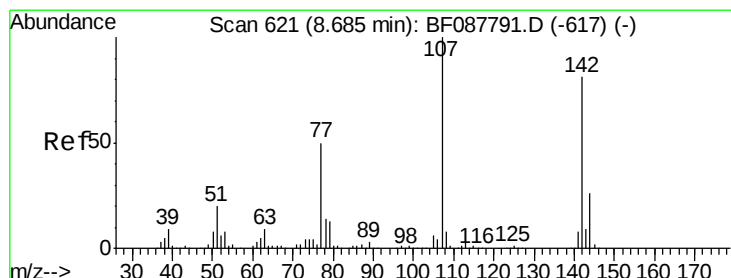
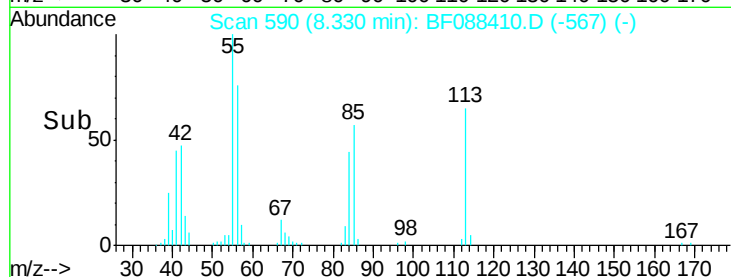
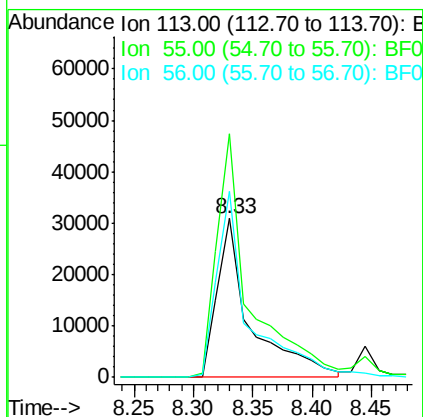
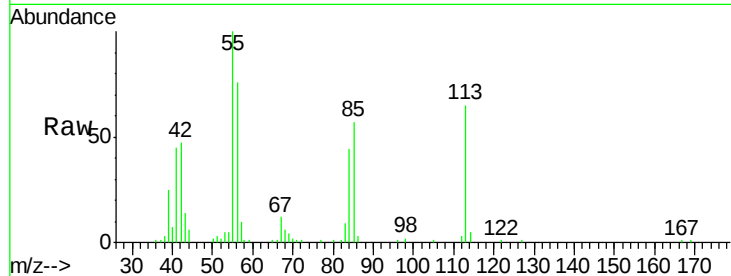




#35
 Caprolactam
 Concen: 36.13 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

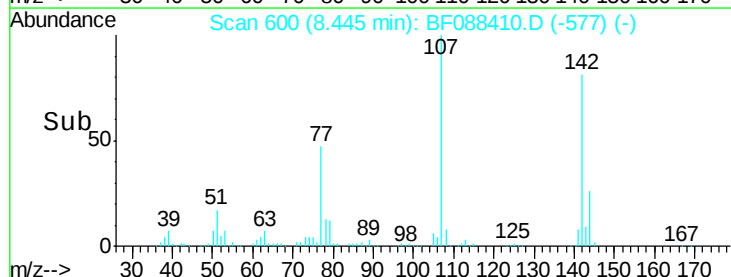
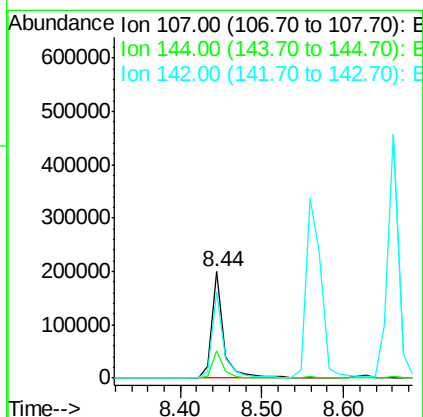
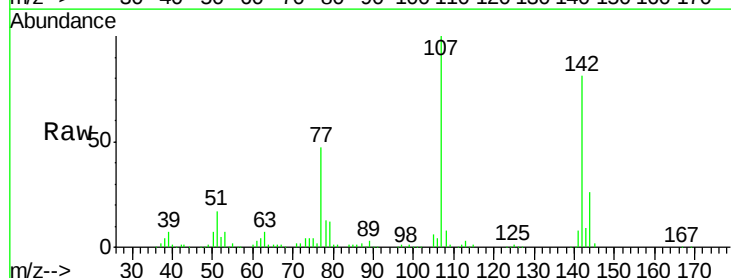
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

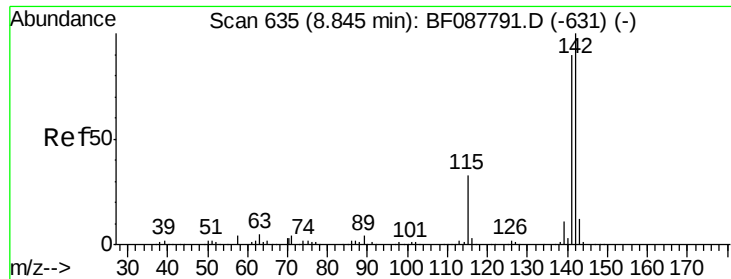
Tgt Ion:113 Resp: 60268
 Ion Ratio Lower Upper
 113 100
 55 153.4 158.6 198.6#
 56 117.0 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.43 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:107 Resp: 207010
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.8 31.2
 142 81.1 63.4 95.2

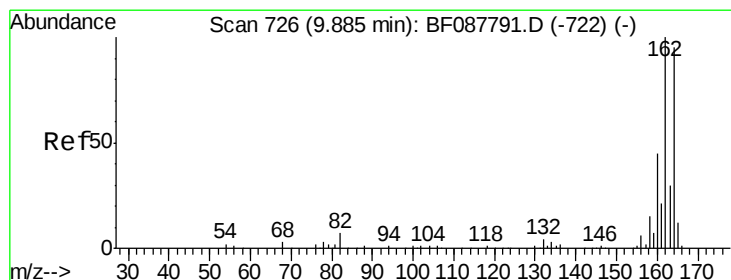
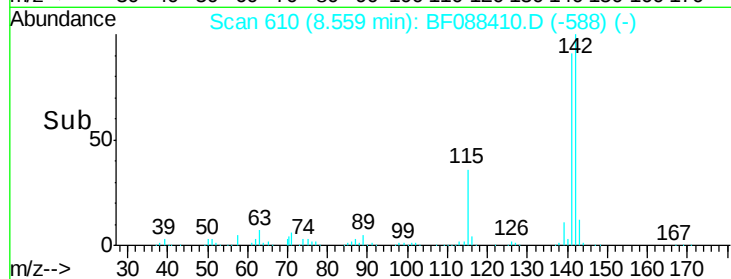
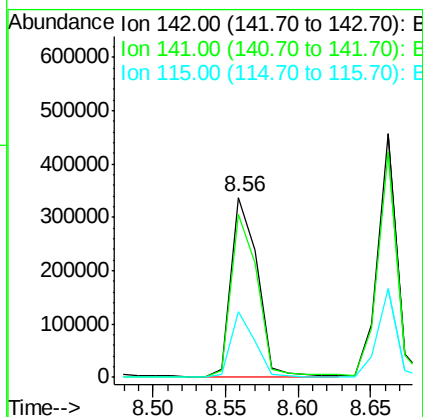
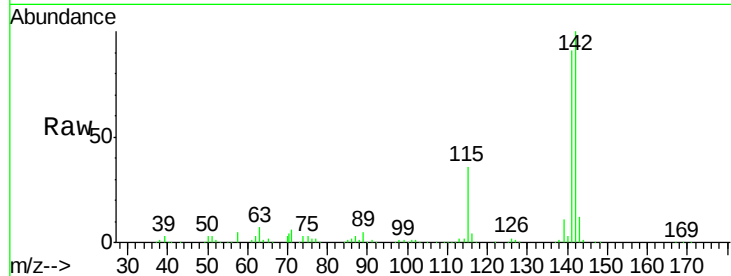




#37
 2-Methylnaphthalene
 Concen: 35.84 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

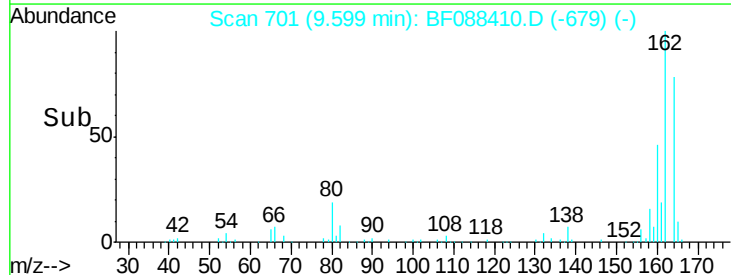
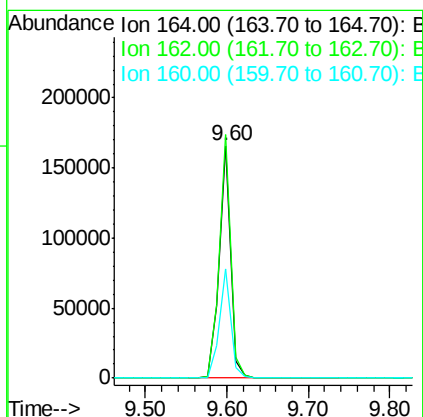
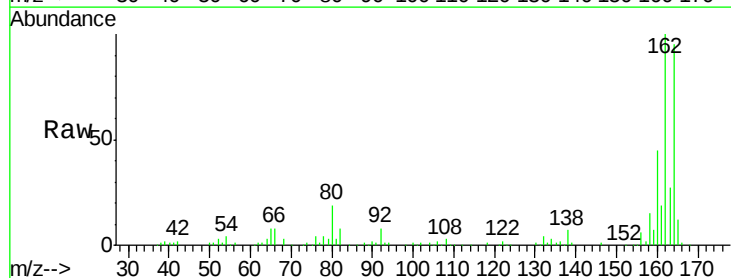
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

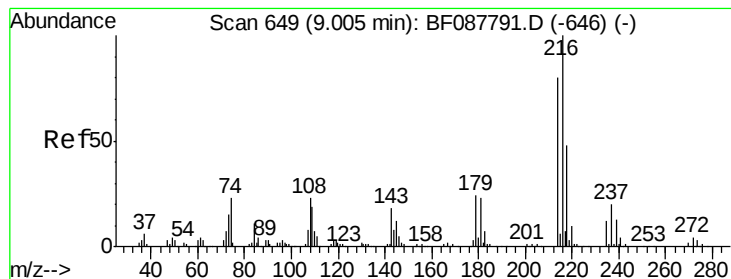
Tgt Ion:142 Resp: 431017
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 36.3 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:164 Resp: 161099
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.20 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 186462

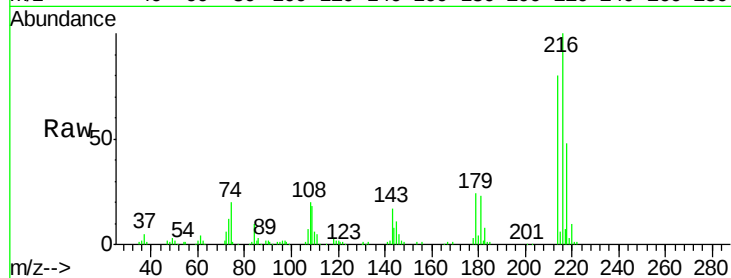
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 23.0 0.0 0.0#

108 19.8 0.5 0.7#

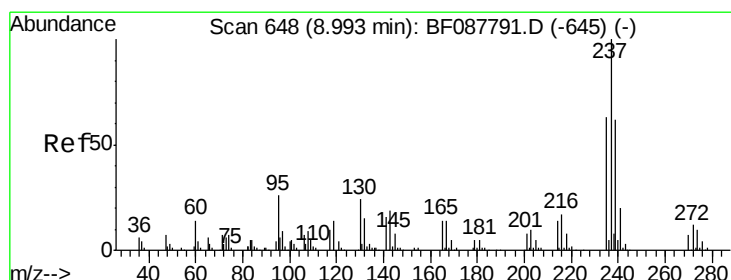
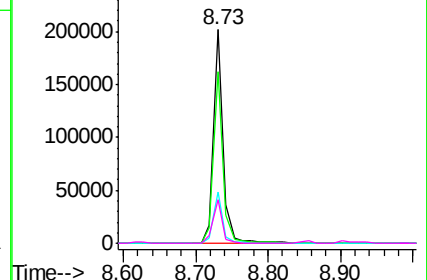
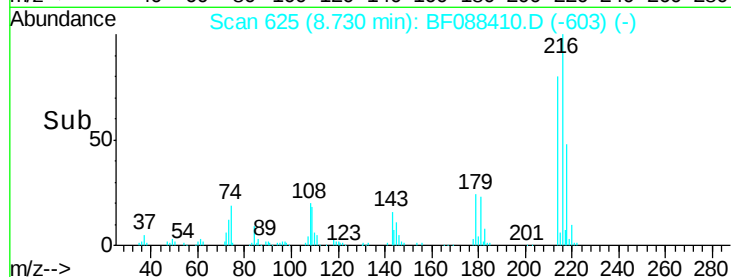


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.01 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

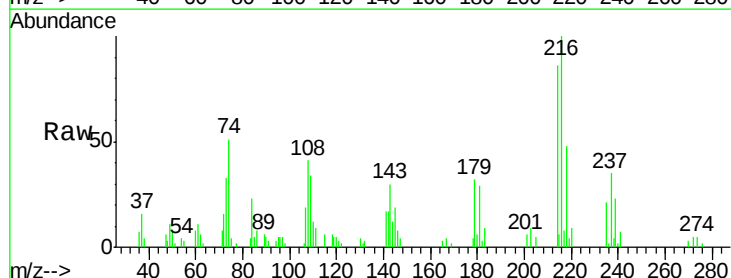
Tgt Ion:237 Resp: 7817

Ion Ratio Lower Upper

237 100

235 60.7 43.4 83.4

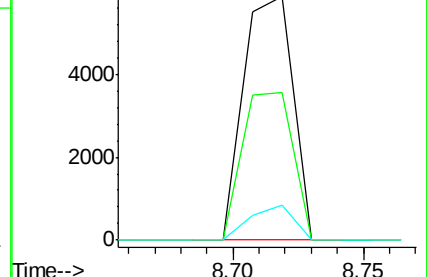
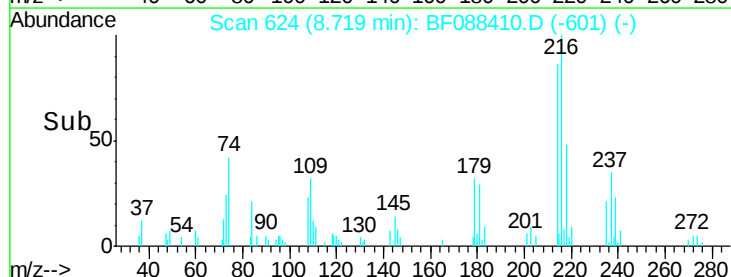
272 14.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

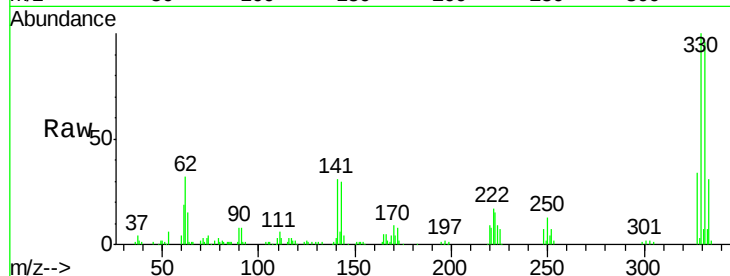




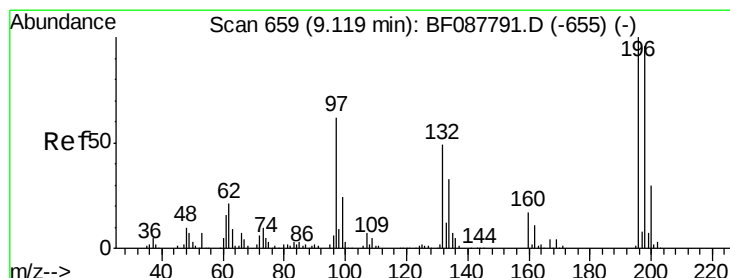
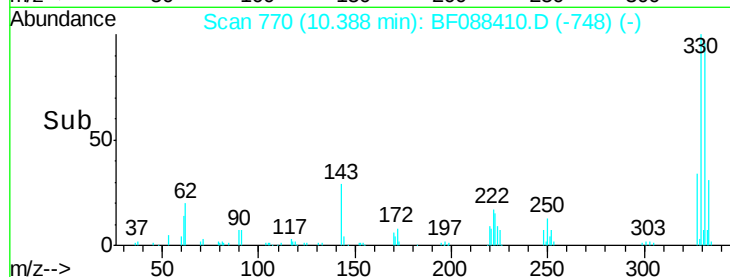
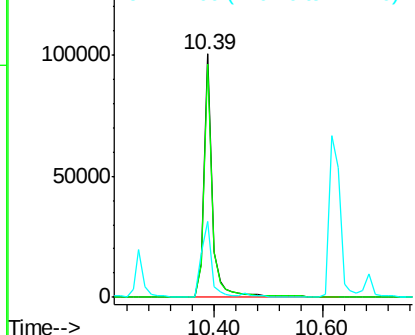
#41
 2,4,6-Tribromophenol
 Concen: 63.21 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 107520
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 37.9 0.0 0.0#

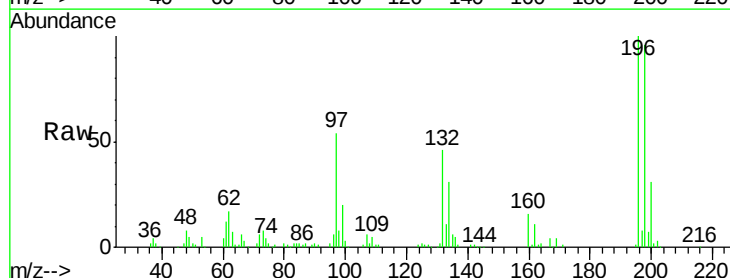


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

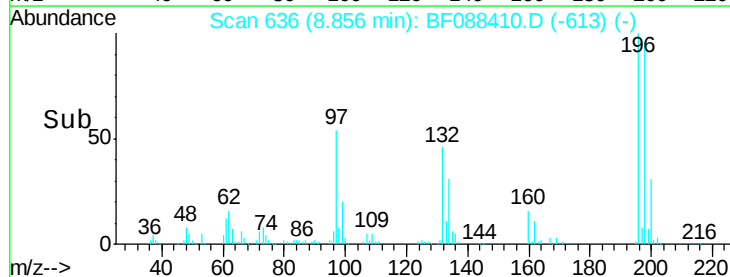
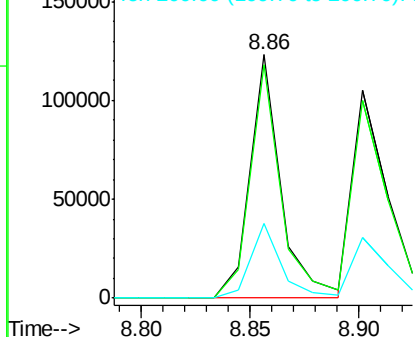


#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:196 Resp: 121945
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.0 117.0
 200 30.5 25.4 38.2



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

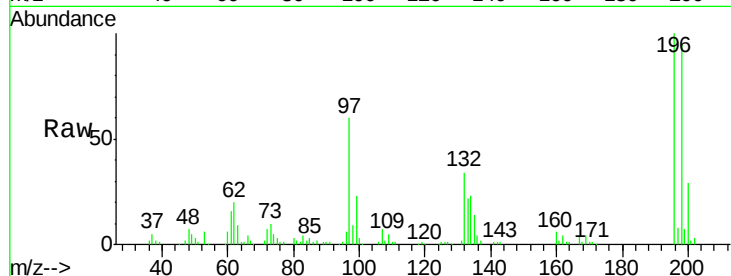




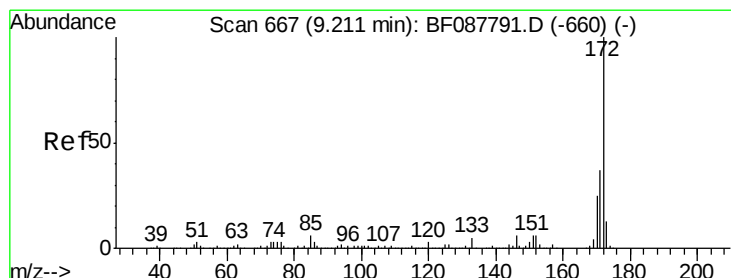
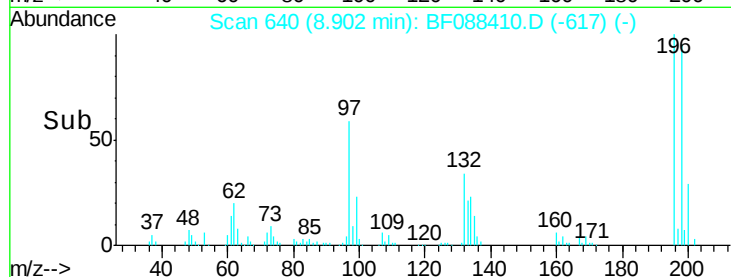
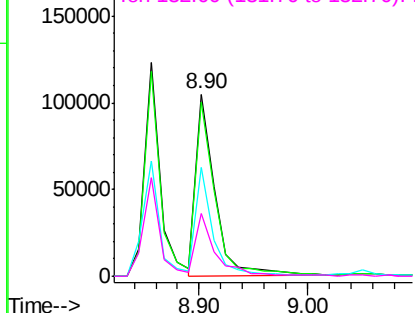
#43
 2,4,5-Trichlorophenol
 Concen: 38.04 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 127494
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.5 116.3
 97 59.6 32.0 48.0#
 132 34.1 20.9 31.3#

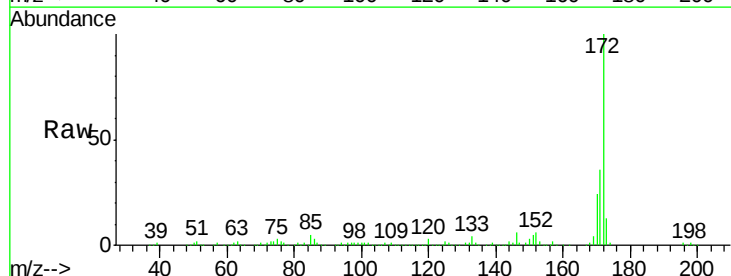


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

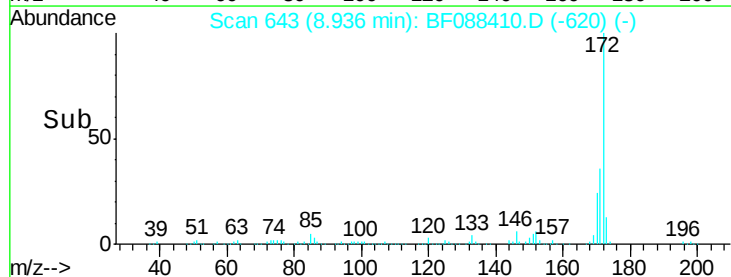
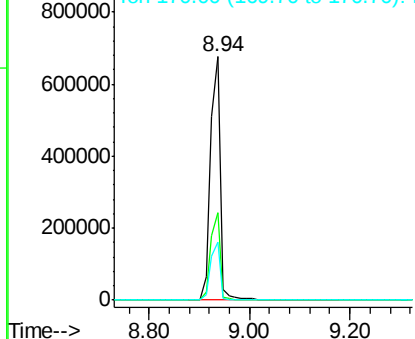


#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:172 Resp: 912312
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.7 19.2 28.8



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

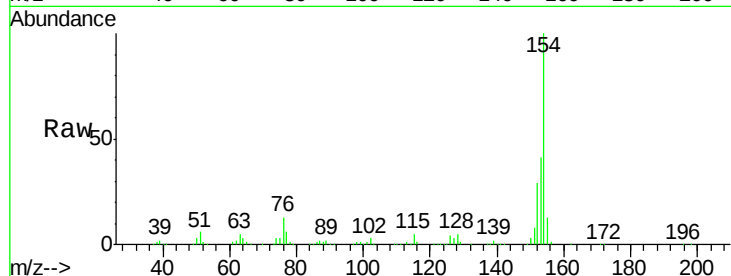




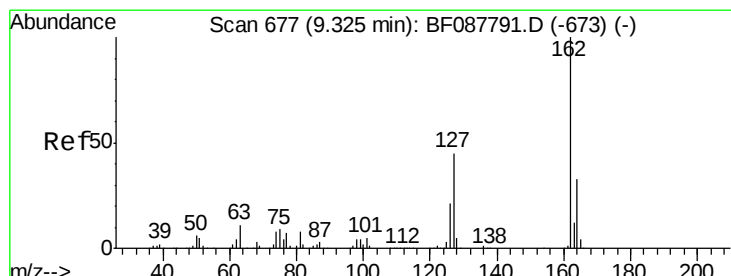
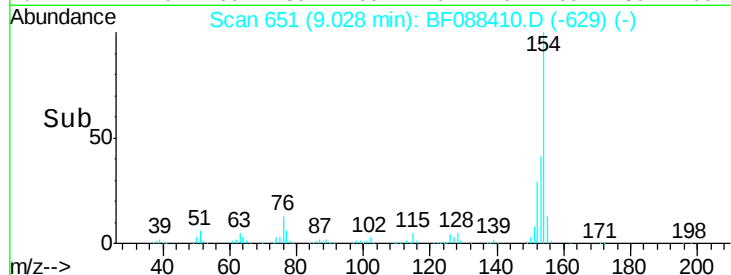
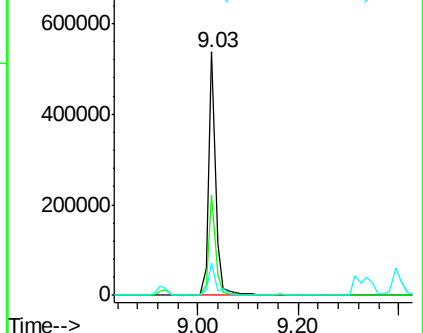
#45
 1,1'-Biphenyl
 Concen: 43.05 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 523832
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 13.1 0.0 35.1

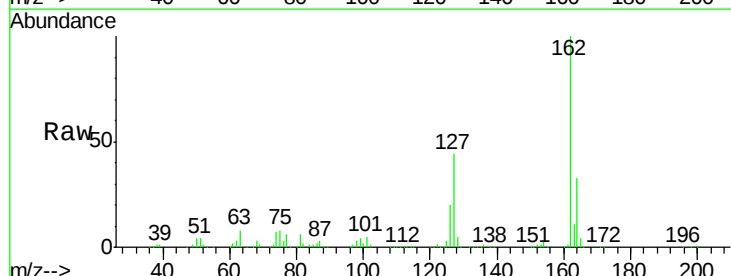


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

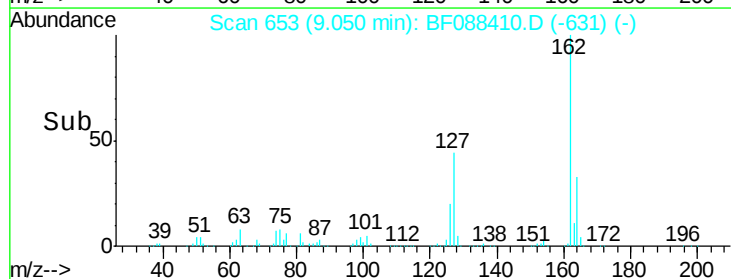
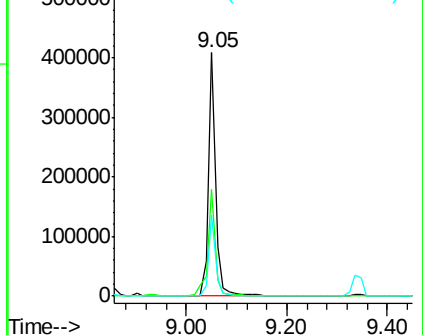


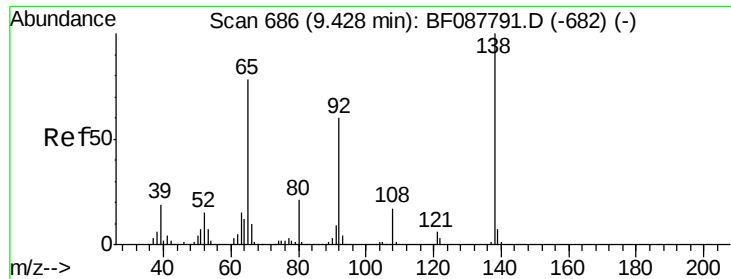
#46
 2-Chloronaphthalene
 Concen: 39.20 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:162 Resp: 408611
 Ion Ratio Lower Upper
 162 100
 127 43.6 35.2 52.8
 164 33.2 26.6 39.8



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

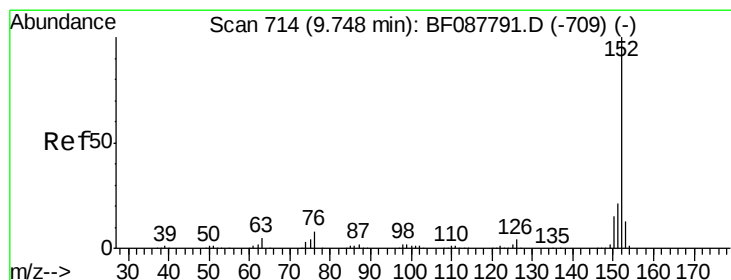
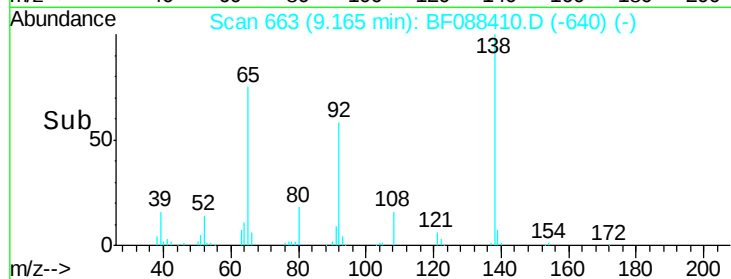
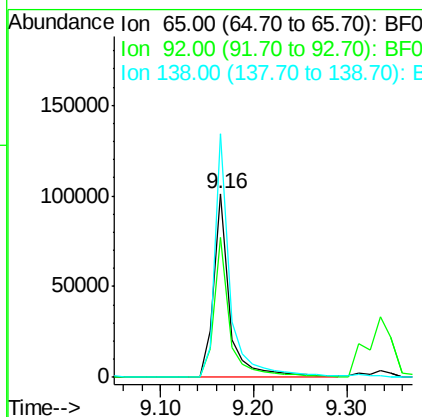
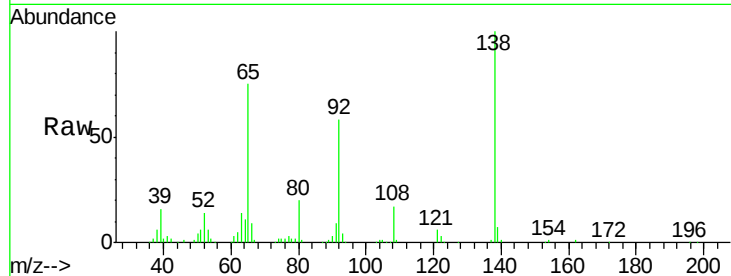




#47
 2-Nitroaniline
 Concen: 39.64 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

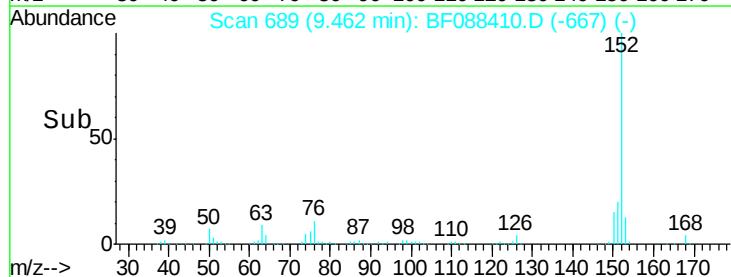
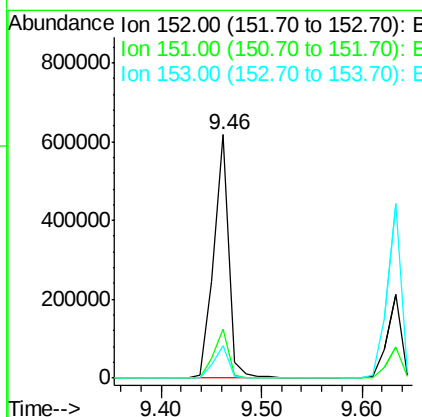
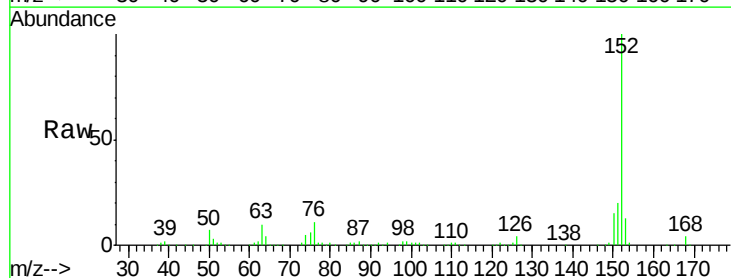
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

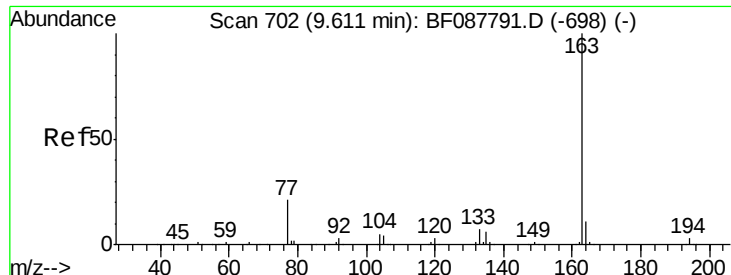
Tgt Ion: 65 Resp: 121915
 Ion Ratio Lower Upper
 65 100
 92 76.5 54.6 82.0
 138 132.7 77.0 115.4#



#48
 Acenaphthylene
 Concen: 38.67 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion: 152 Resp: 641172
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 43.77 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

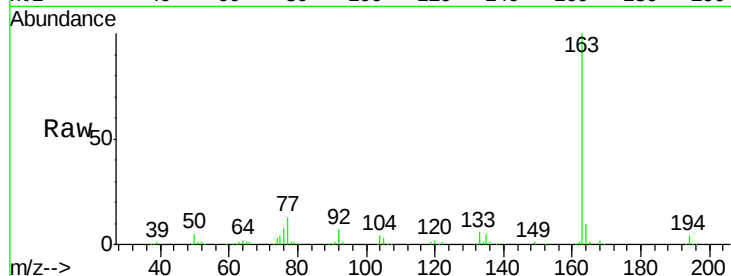
Tgt Ion:163 Resp: 510817

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

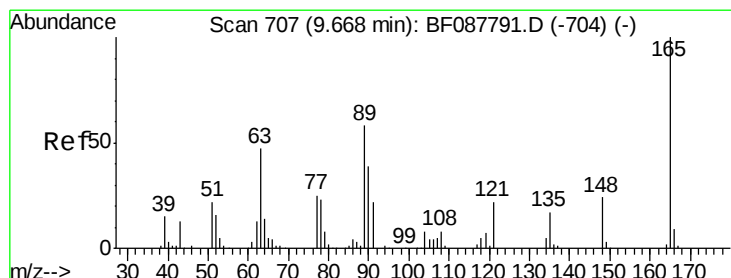
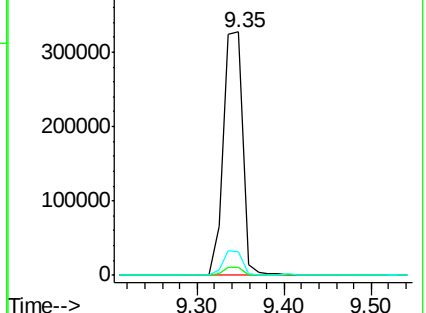
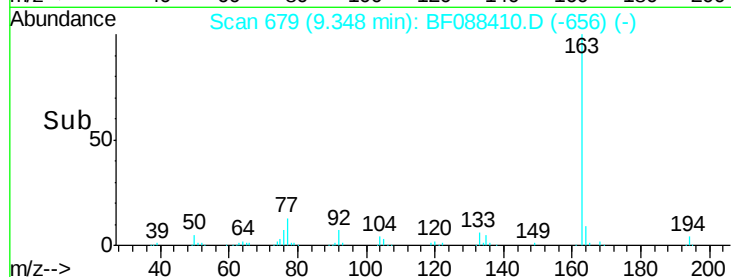
164 9.6 8.3 12.5



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: 35.46 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

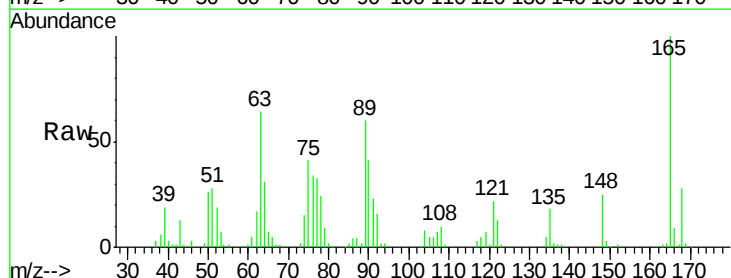
Tgt Ion:165 Resp: 94759

Ion Ratio Lower Upper

165 100

63 63.7 28.1 42.1#

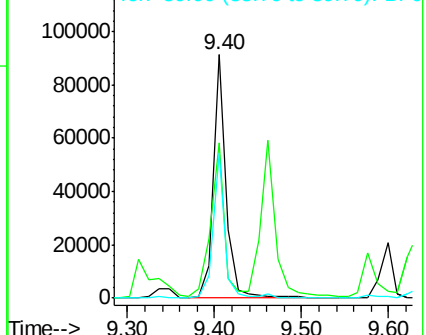
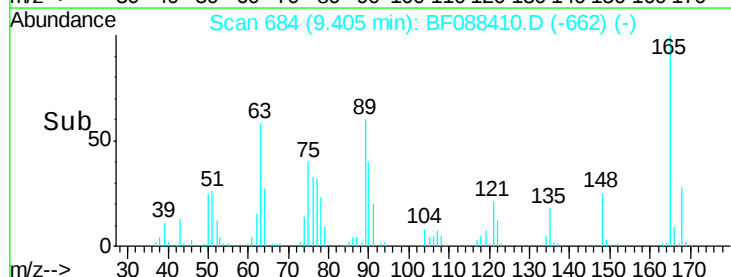
89 59.6 32.2 48.2#

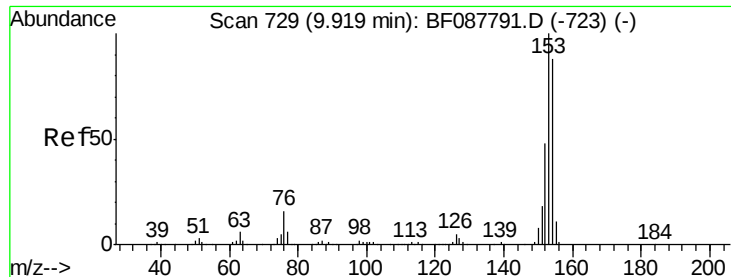


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.45 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

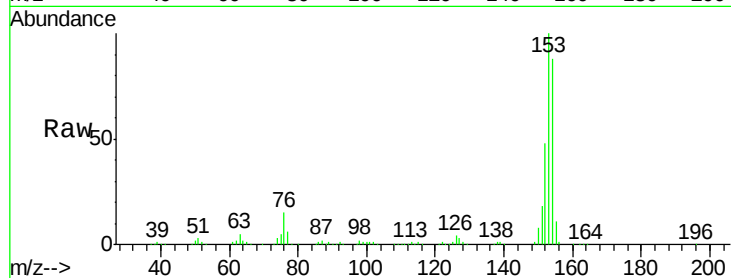
Tgt Ion:154 Resp: 377089

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

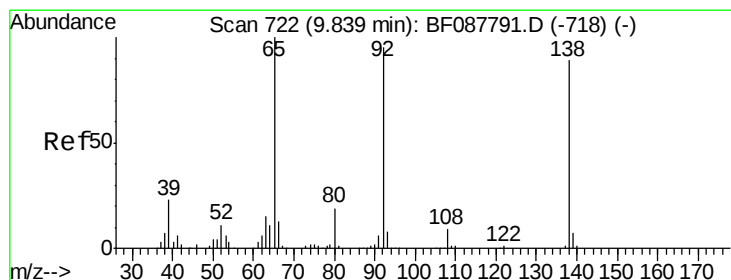
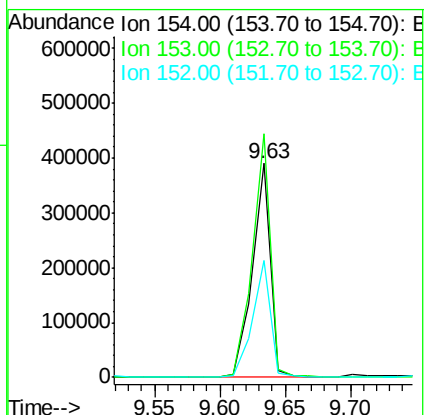
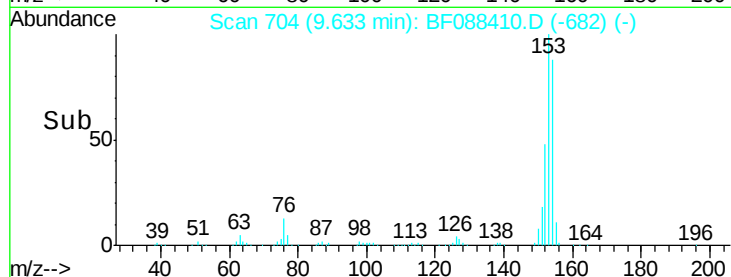
152 54.4 42.7 64.1



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: 39.22 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

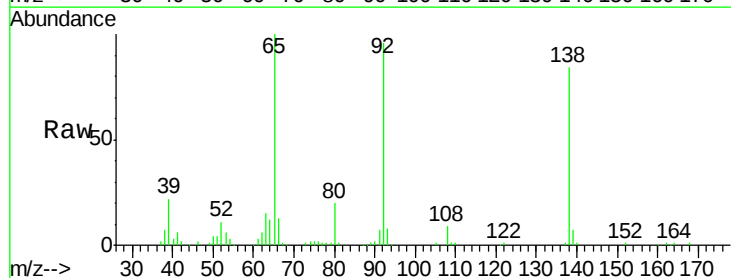
Tgt Ion:138 Resp: 120936

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

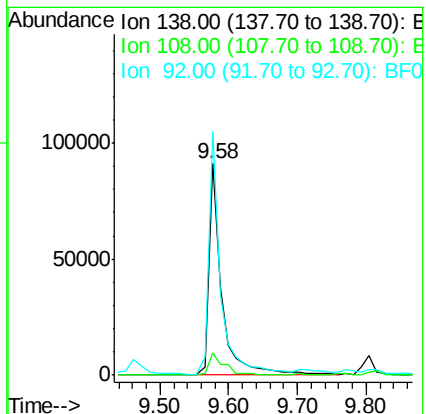
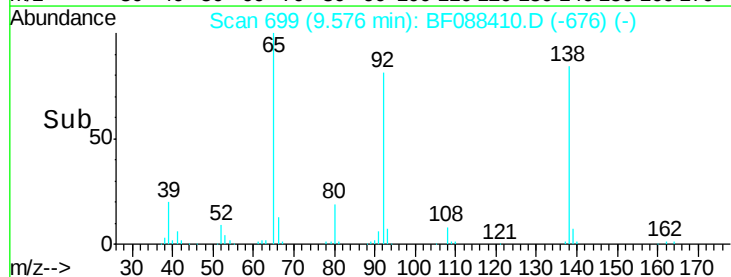
92 115.3 95.7 143.5



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

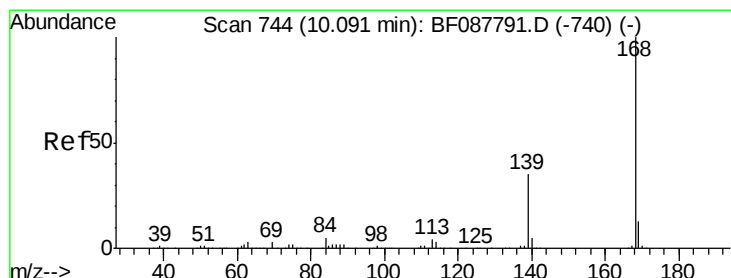
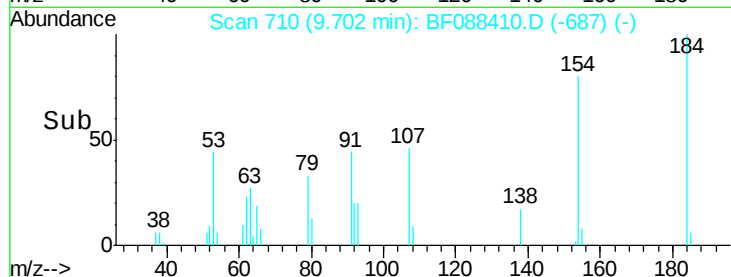
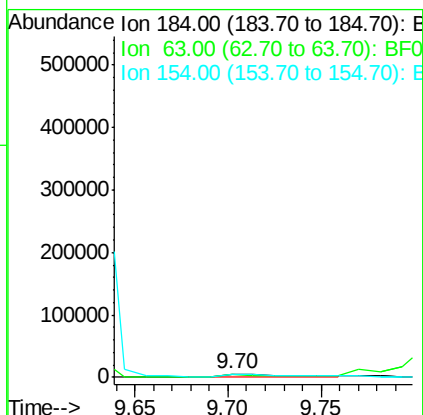
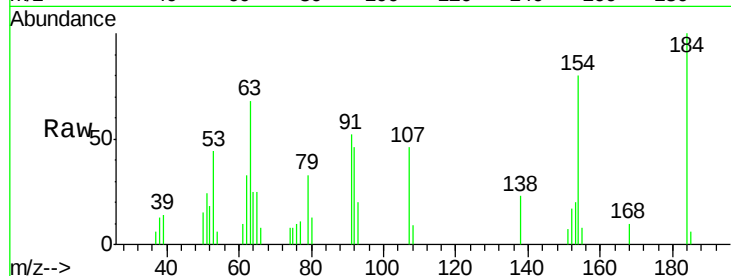




#53
2,4-Dinitrophenol
Concen: 14.52 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

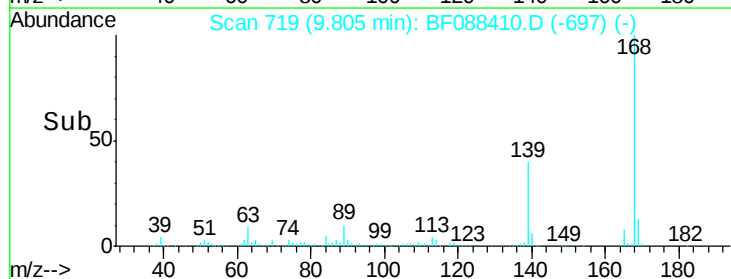
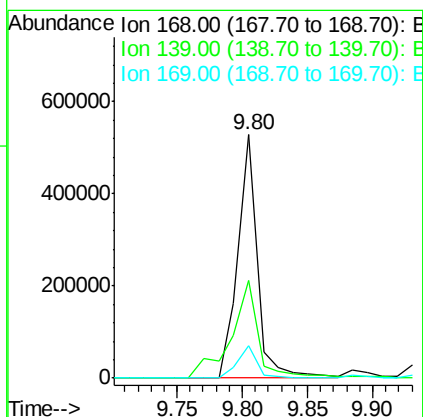
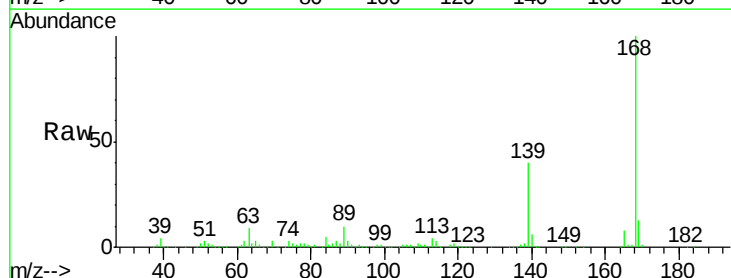
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

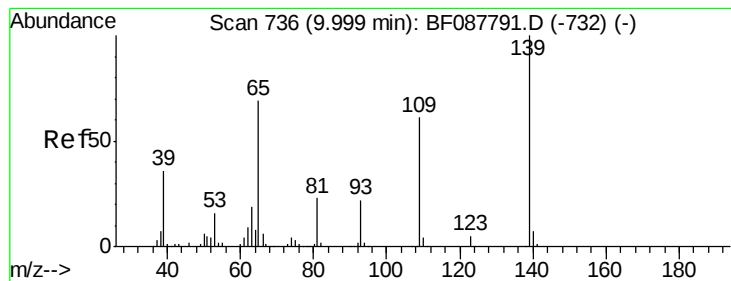
Tgt Ion:184 Resp: 14260
Ion Ratio Lower Upper
184 100
63 68.3 57.6 86.4
154 80.2 53.5 80.3



#54
Dibenzofuran
Concen: 38.57 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion:168 Resp: 549492
Ion Ratio Lower Upper
168 100
139 40.1 26.4 39.6#
169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 135.82 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

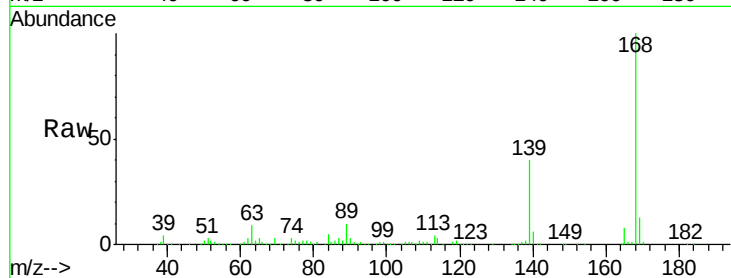
Tgt Ion:139 Resp: 325099

Ion Ratio Lower Upper

139 100

109 4.1 48.9 88.9#

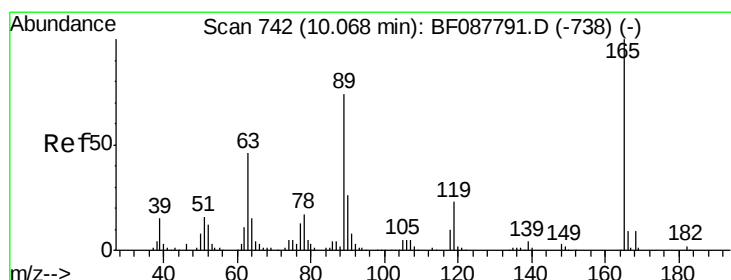
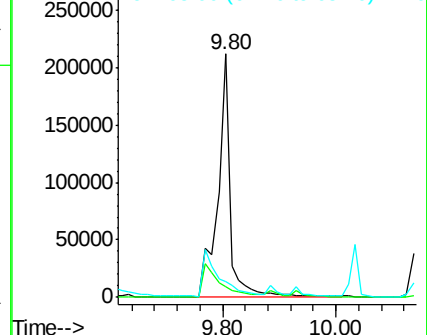
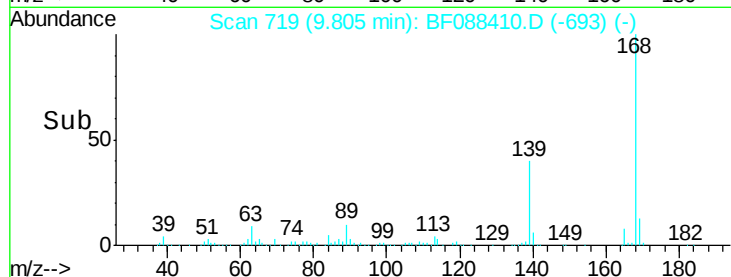
65 6.4 84.9 124.9#



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: 37.15 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Tgt Ion:165 Resp: 127584

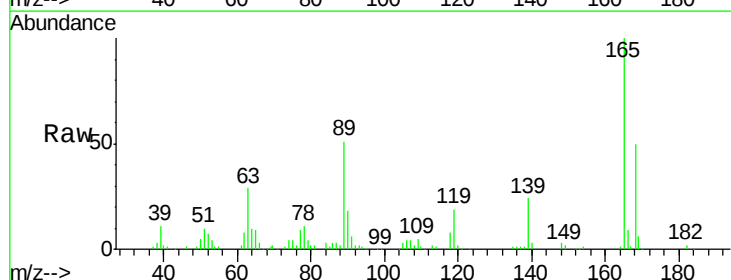
Ion Ratio Lower Upper

165 100

63 28.8 22.0 33.0

89 51.5 41.1 61.7

182 2.5 2.0 3.0

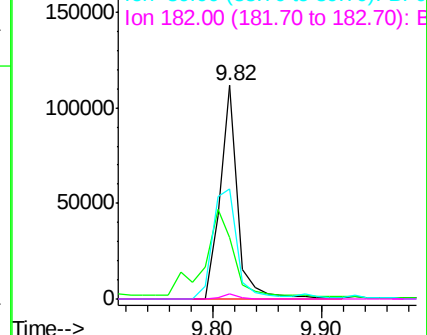
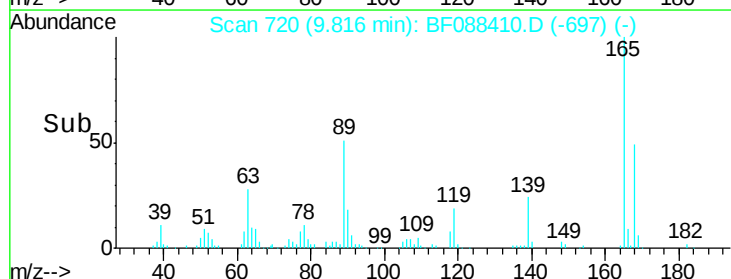


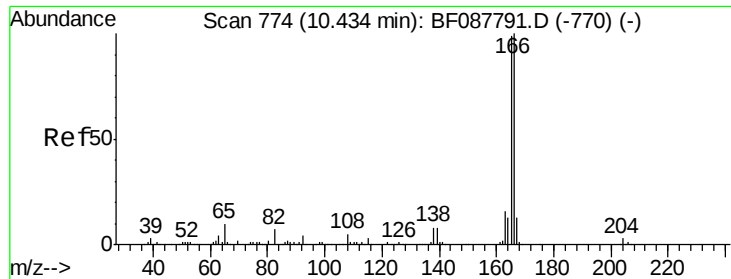
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.21 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

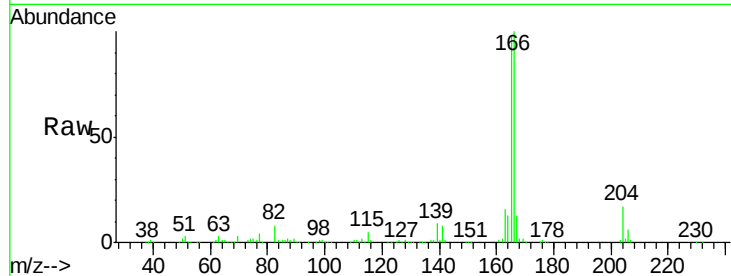
Tgt Ion:166 Resp: 400608

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

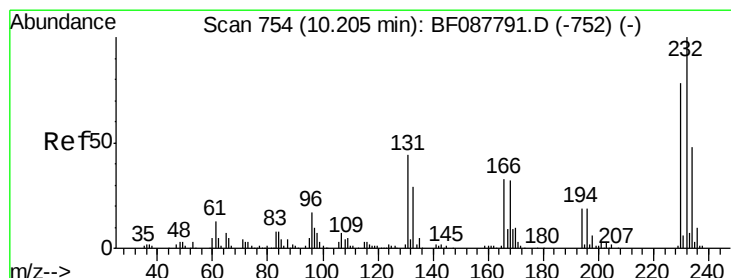
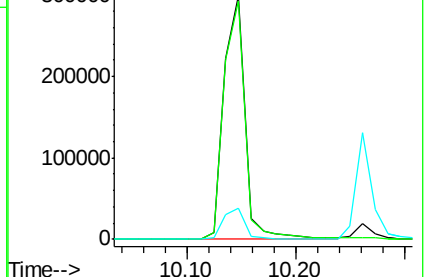
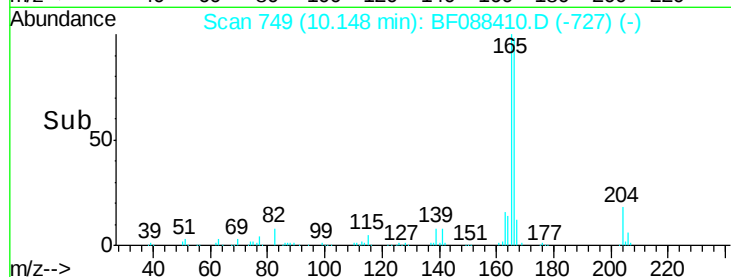
167 12.9 11.2 16.8



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: 36.13 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Tgt Ion:232 Resp: 95162

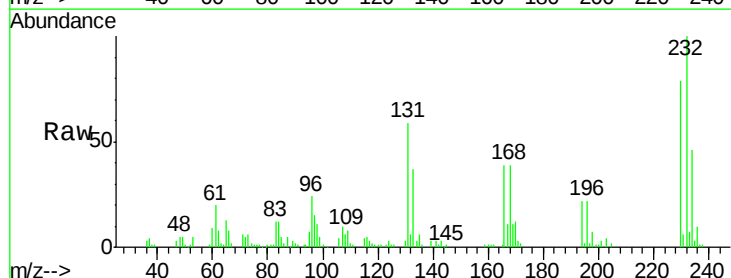
Ion Ratio Lower Upper

232 100

131 51.9 0.9 1.3#

130 2.0 1.5 2.3

166 32.2 0.5 0.7#

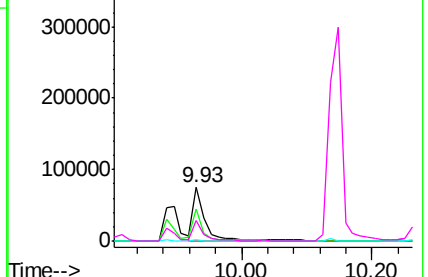
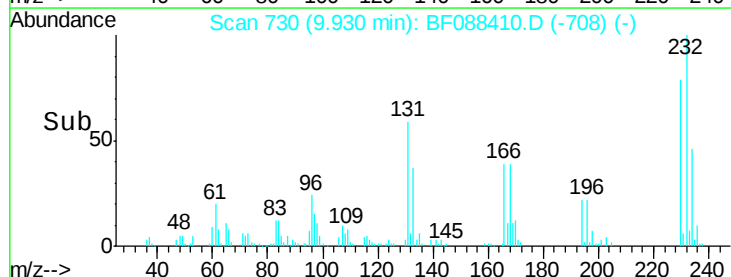


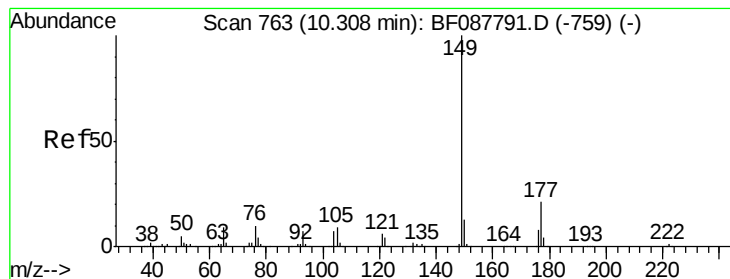
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.37 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

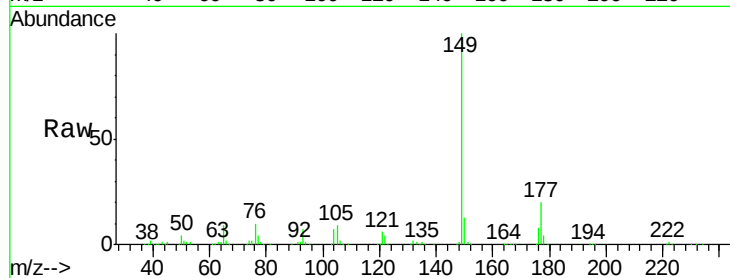
Tgt Ion:149 Resp: 465097

Ion Ratio Lower Upper

149 100

177 20.0 16.9 25.3

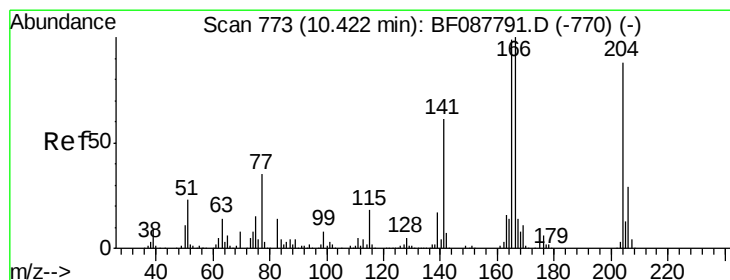
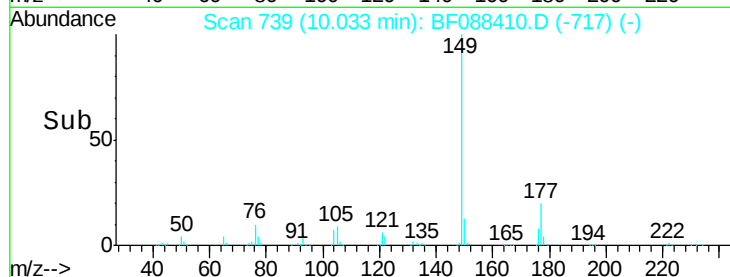
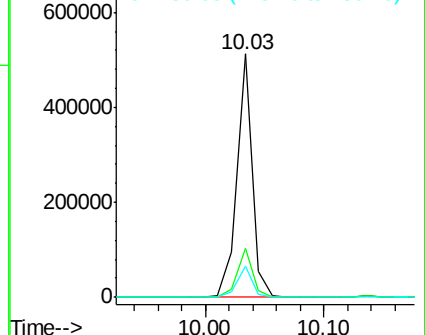
150 12.6 10.1 15.1



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: 37.14 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

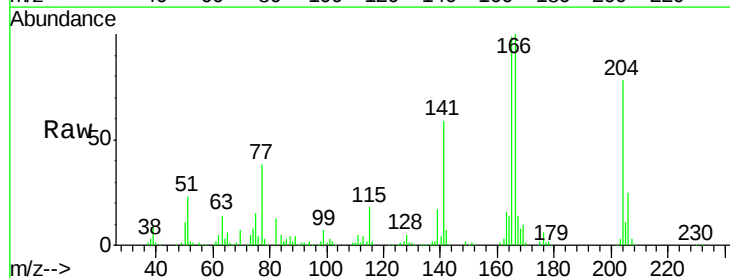
Tgt Ion:204 Resp: 175946

Ion Ratio Lower Upper

204 100

206 32.3 26.3 39.5

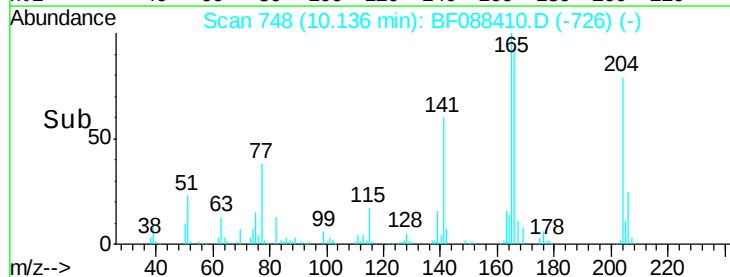
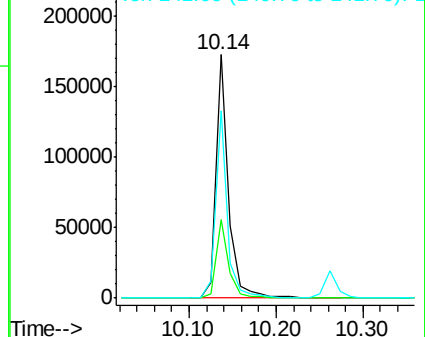
141 76.7 55.0 82.6

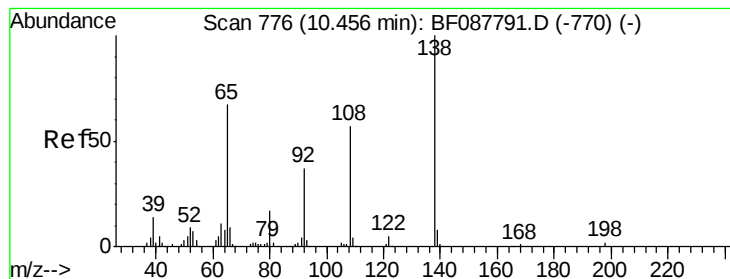


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.76 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

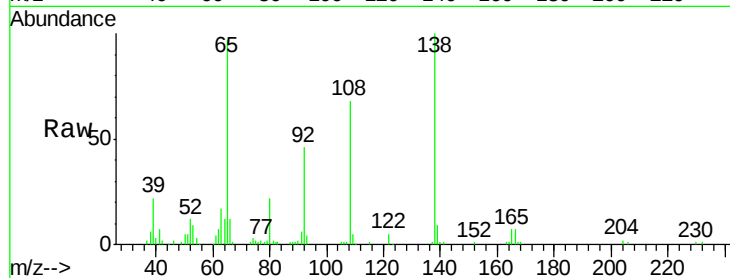
Tgt Ion:138 Resp: 116293

Ion Ratio Lower Upper

138 100

92 46.1 27.3 67.3

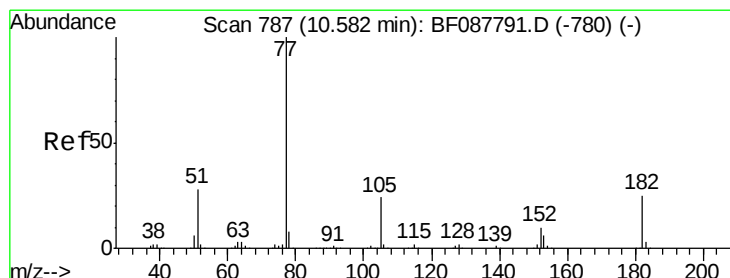
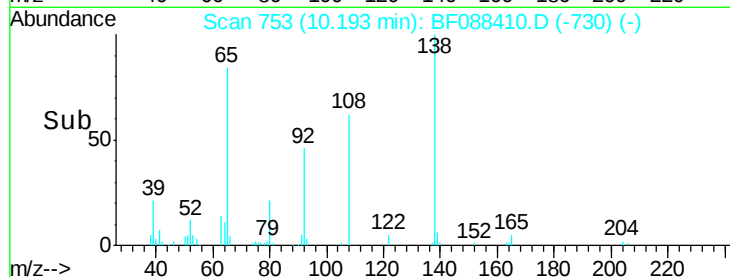
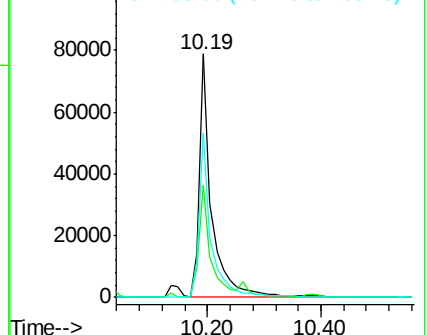
108 67.6 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.93 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Tgt Ion: 77 Resp: 431422

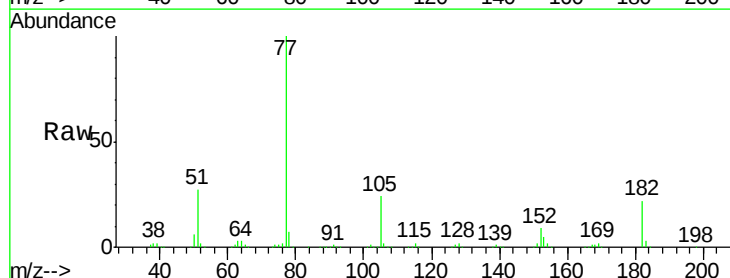
Ion Ratio Lower Upper

77 100

182 22.0 4.4 44.4

105 23.6 3.8 43.8

51 26.7 9.3 49.3

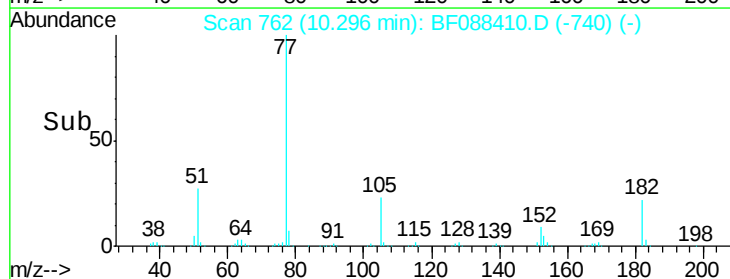
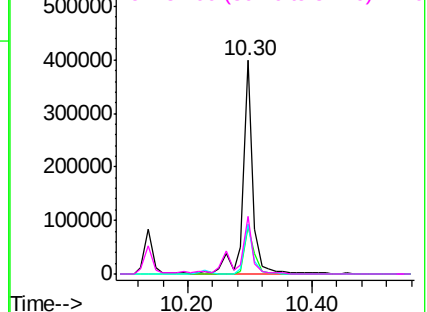


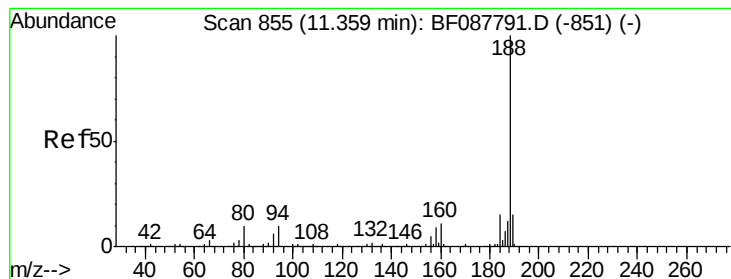
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

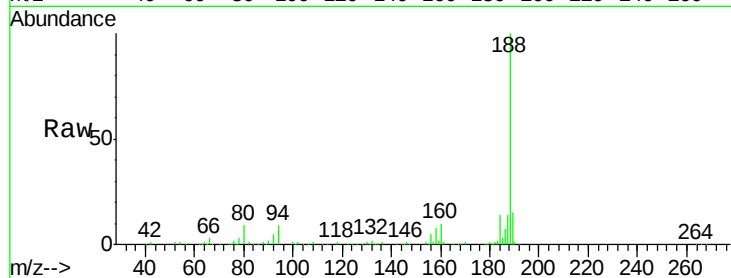
Tgt Ion:188 Resp: 259718

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.6#

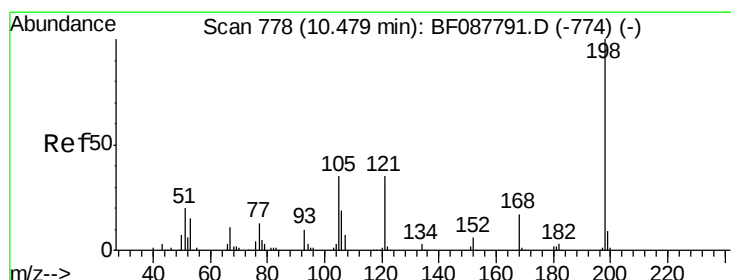
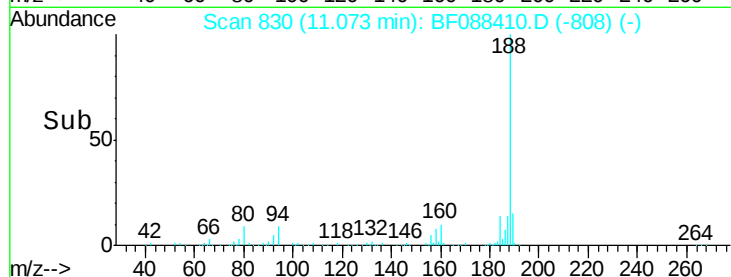
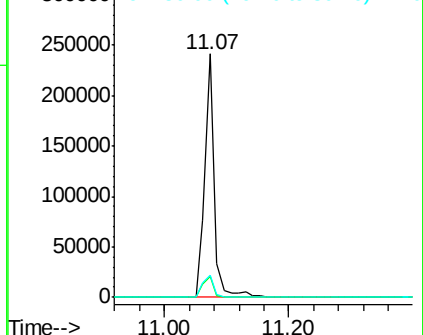
80 9.2 10.0 15.0#



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: 13.71 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

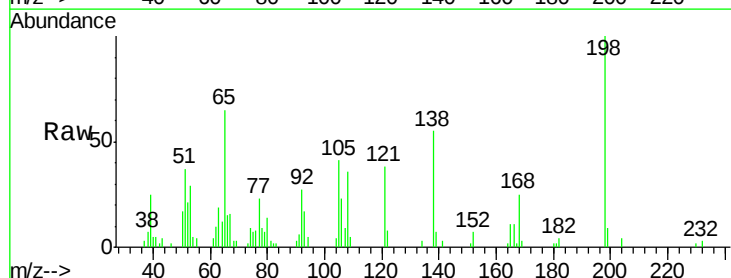
Tgt Ion:198 Resp: 19615

Ion Ratio Lower Upper

198 100

51 36.8 39.6 79.6#

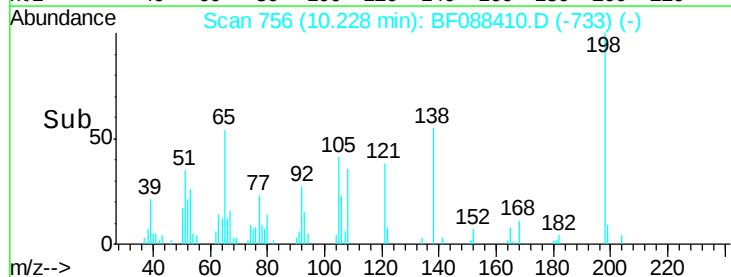
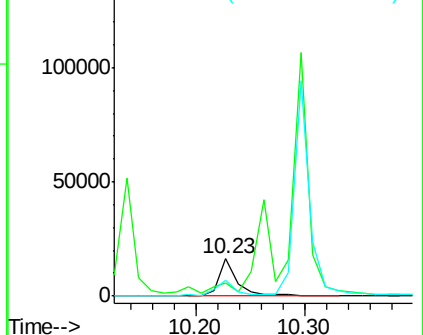
105 41.4 36.6 76.6

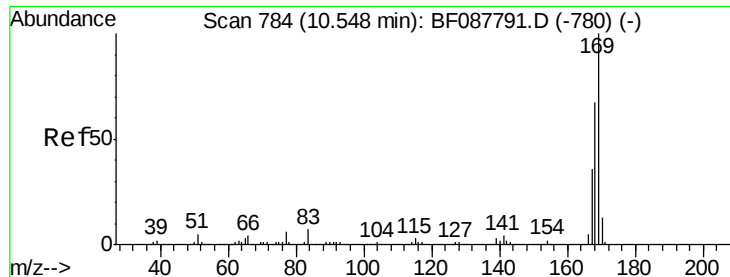


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.11 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

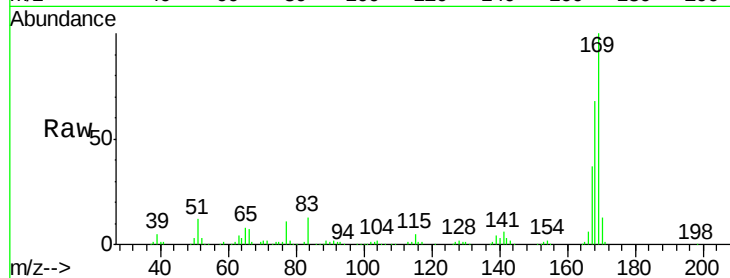
Tgt Ion:169 Resp: 371564

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

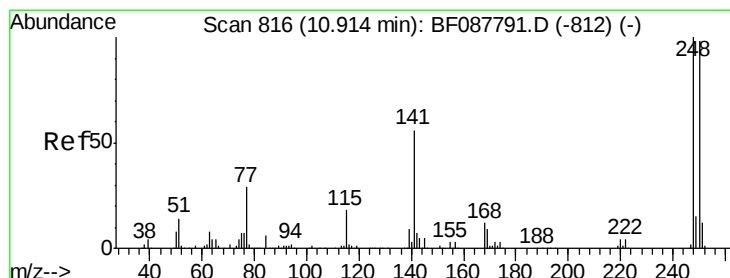
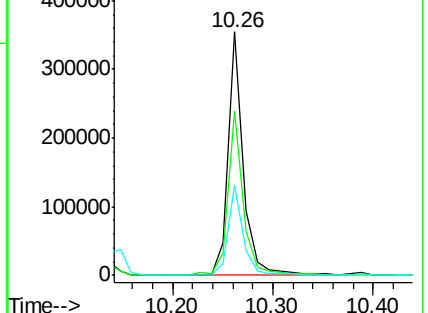
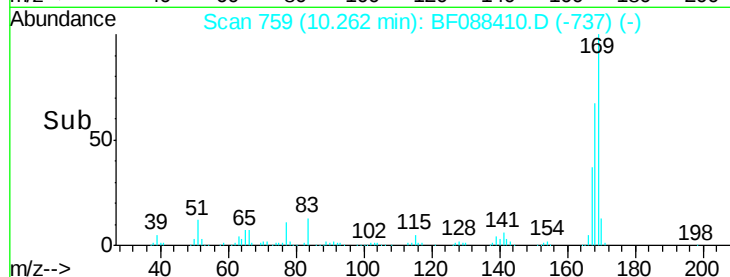
167 36.8 29.4 44.0



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: 42.52 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

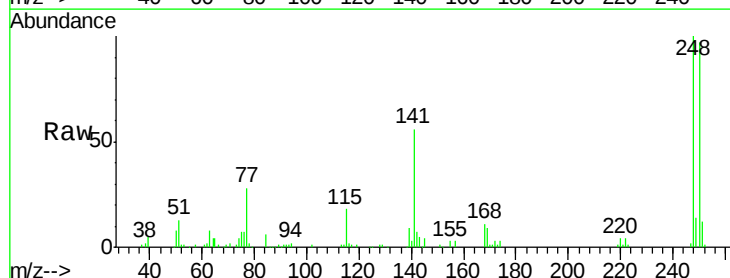
Tgt Ion:248 Resp: 118472

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

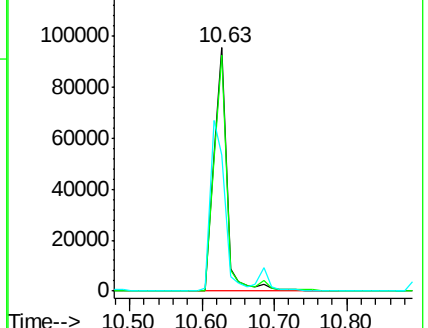
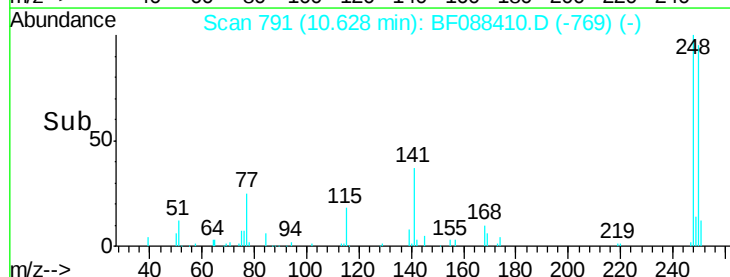
141 55.9 50.6 76.0



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

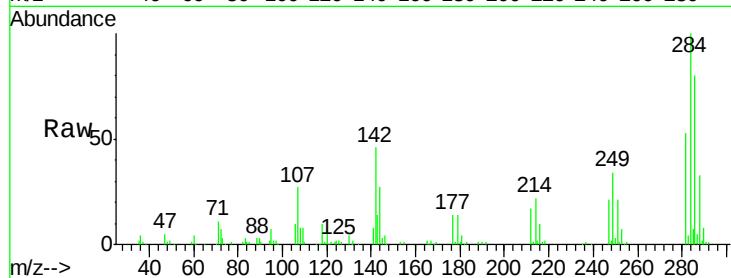




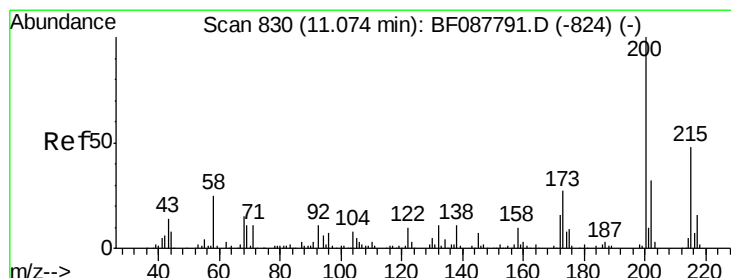
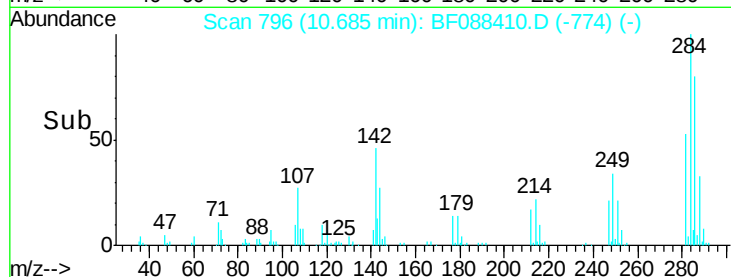
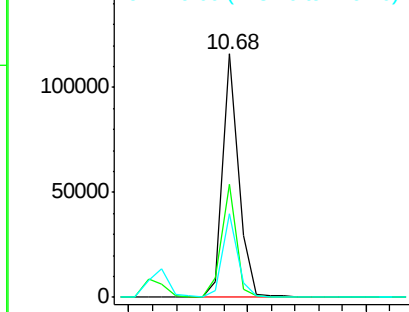
#67
Hexachlorobenzene
Concen: 37.24 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.4	35.8	53.8
249	34.4	25.8	38.6

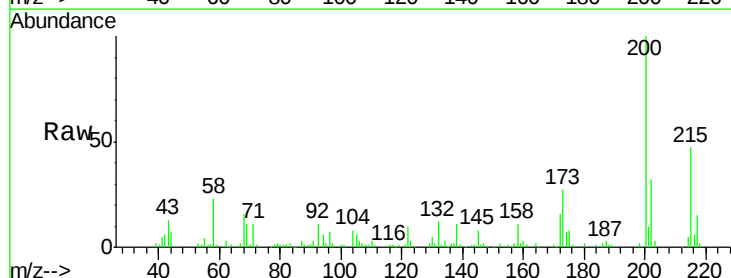


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

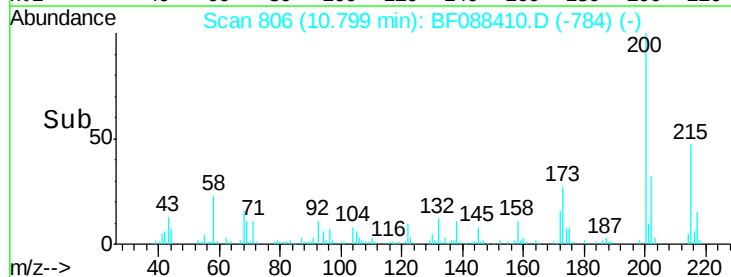
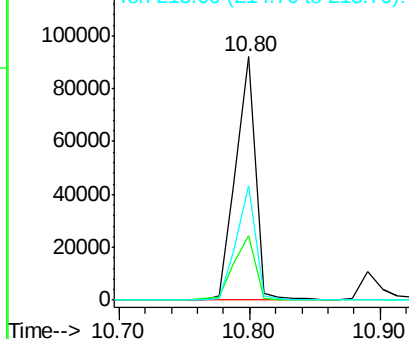


#68
Atrazine
Concen: 37.22 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	4.0	44.0
215	47.0	29.3	69.3



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

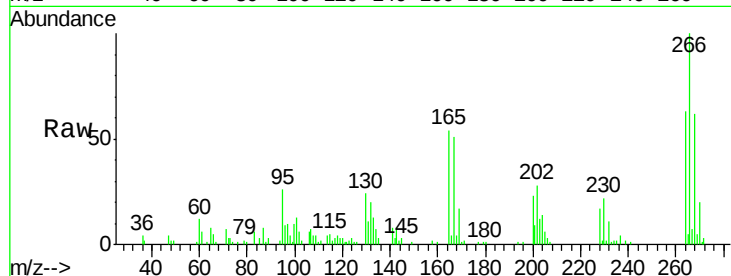




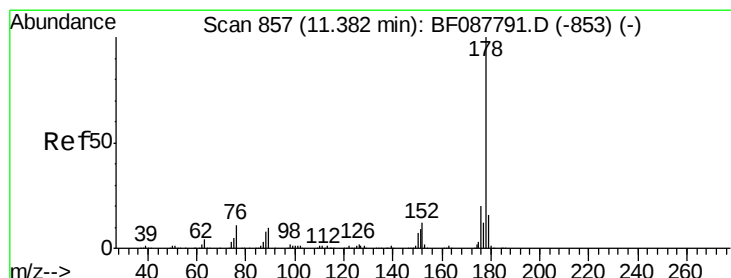
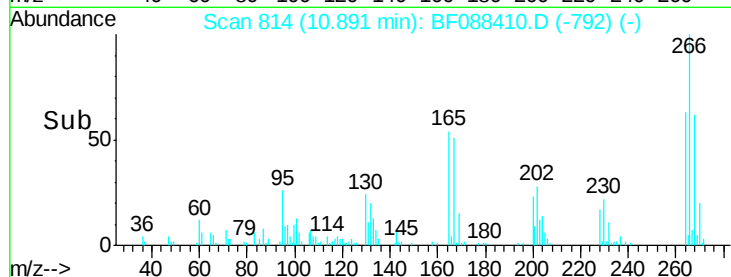
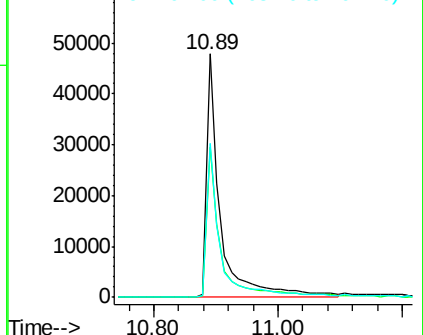
#69
 Pentachlorophenol
 Concen: 48.54 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 74071
 Ion Ratio Lower Upper
 266 100
 268 61.8 52.8 79.2
 264 63.0 49.6 74.4

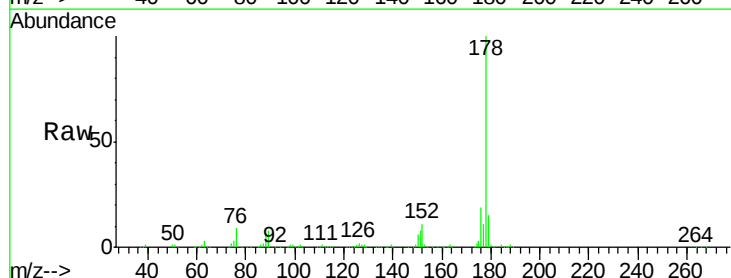


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

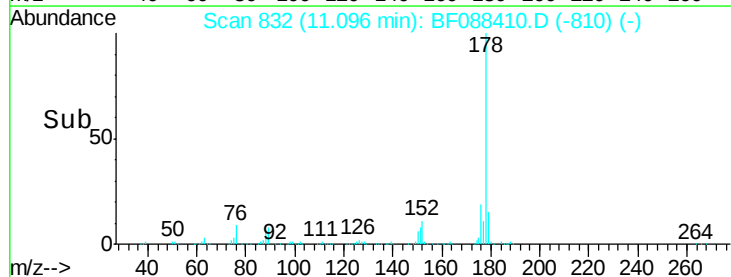
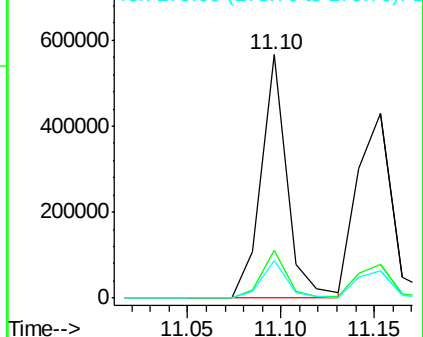


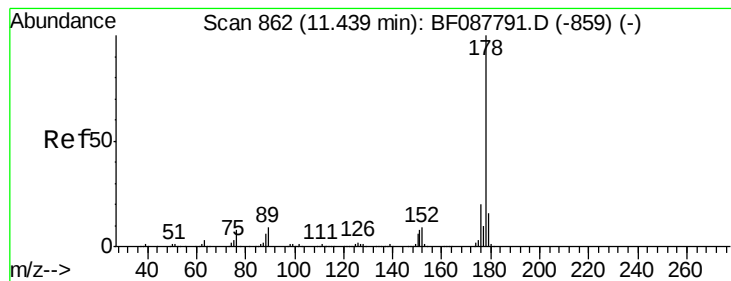
#70
 Phenanthrene
 Concen: 39.65 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion: 178 Resp: 540328
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.3 13.0 19.4



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





#71

Anthracene

Concen: 42.67 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

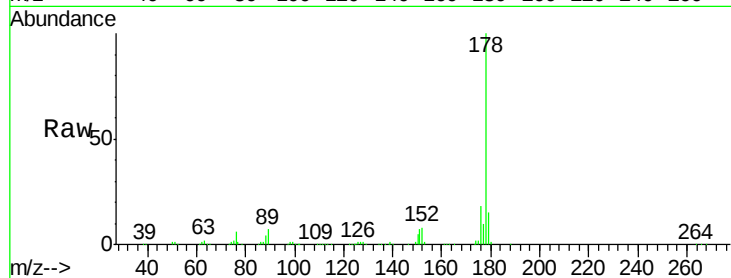
Tgt Ion:178 Resp: 586574

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

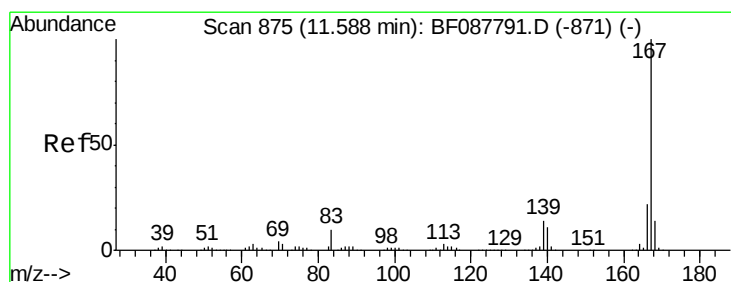
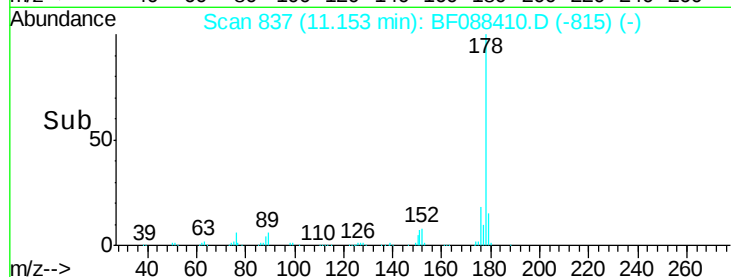
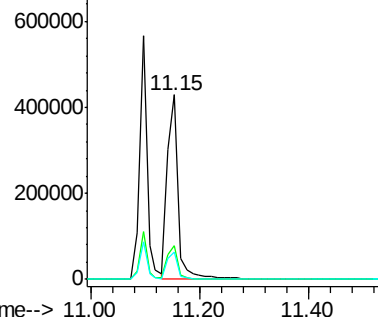
179 15.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.97 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

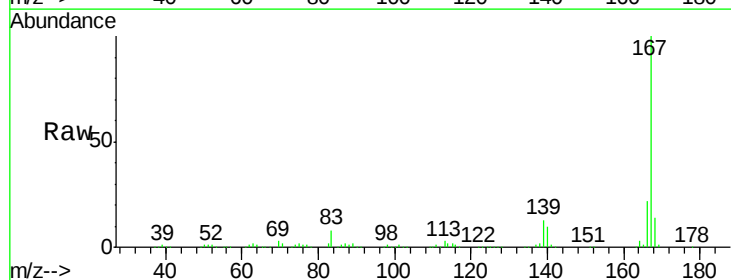
Tgt Ion:167 Resp: 552786

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

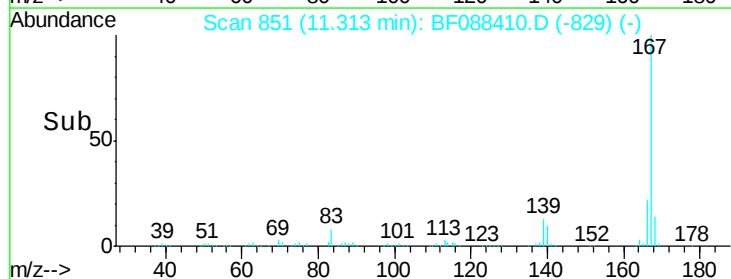
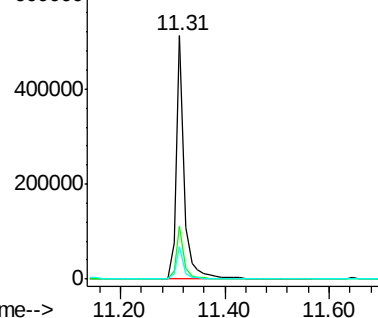
139 13.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.06 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

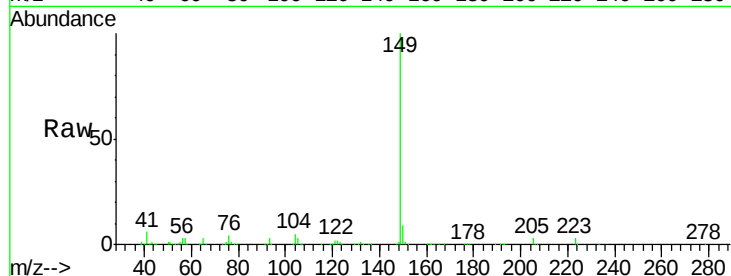
Tgt Ion:149 Resp: 668679

Ion Ratio Lower Upper

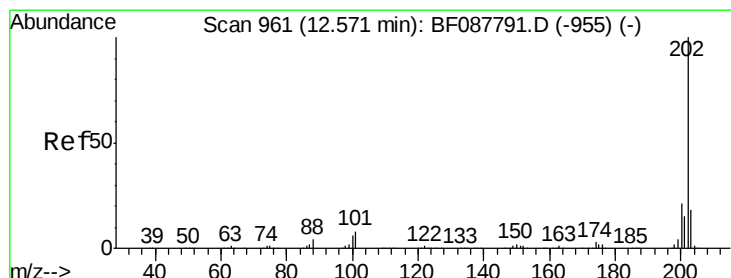
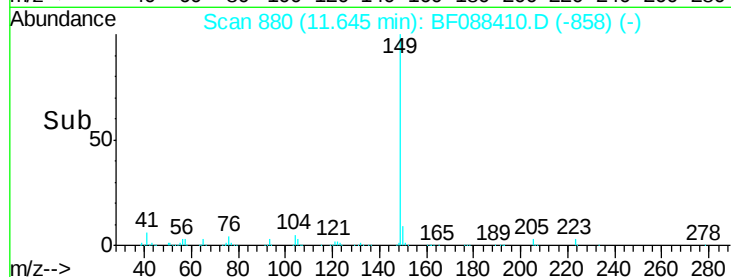
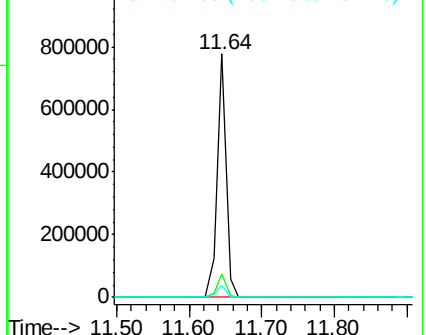
149 100

150 9.4 7.8 11.6

104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.89 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

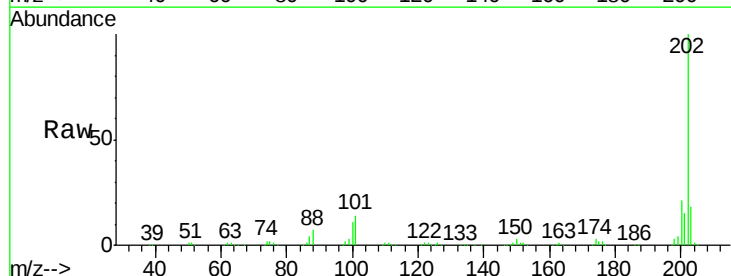
Tgt Ion:202 Resp: 516235

Ion Ratio Lower Upper

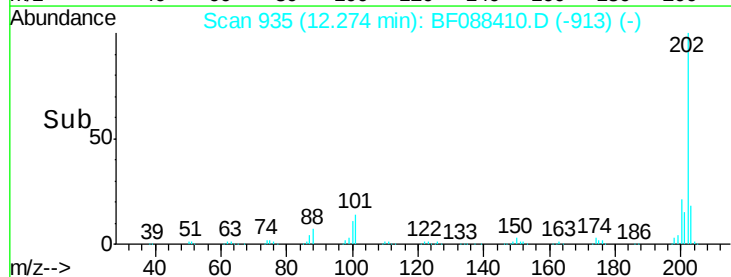
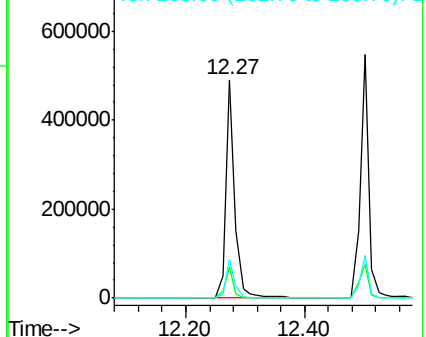
202 100

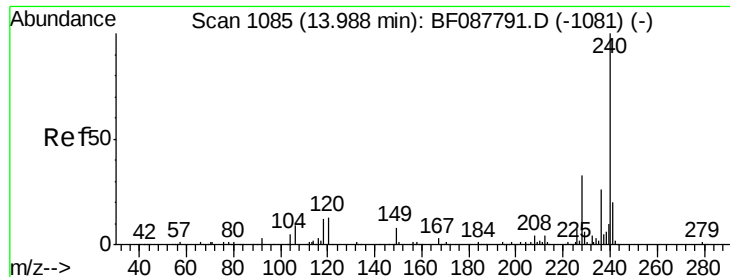
101 14.2 0.0 33.1

203 17.8 0.0 38.1



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: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

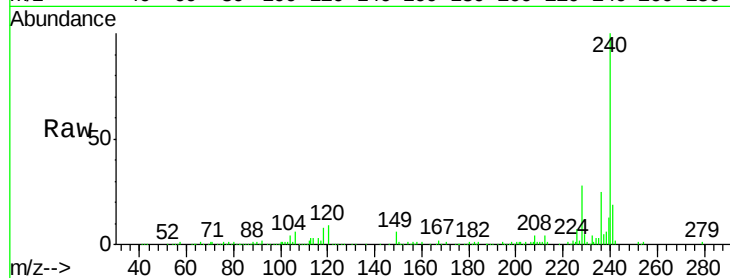
Tgt Ion:240 Resp: 186802

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

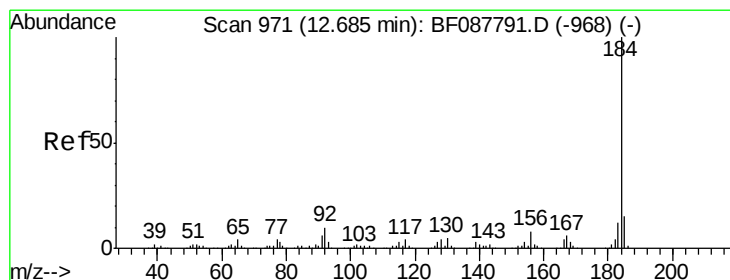
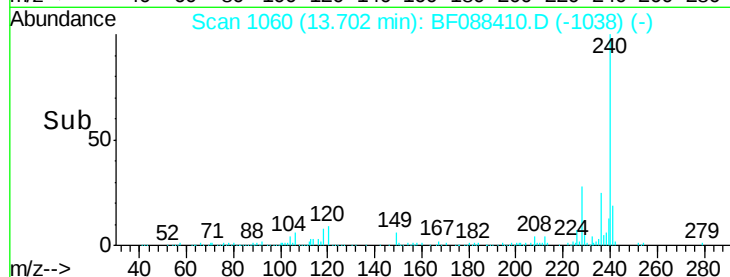
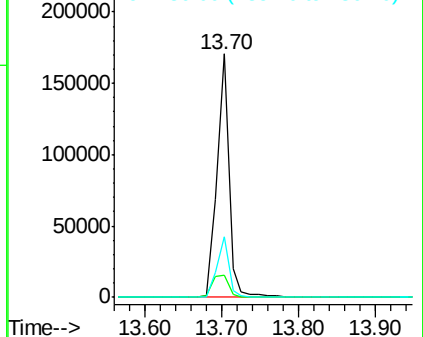
236 25.1 20.2 30.2



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: 51.72 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.05 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

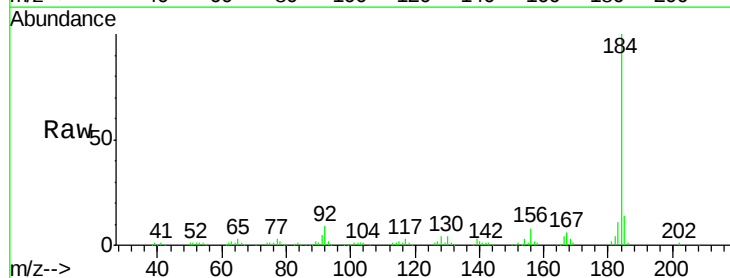
Tgt Ion:184 Resp: 267490

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

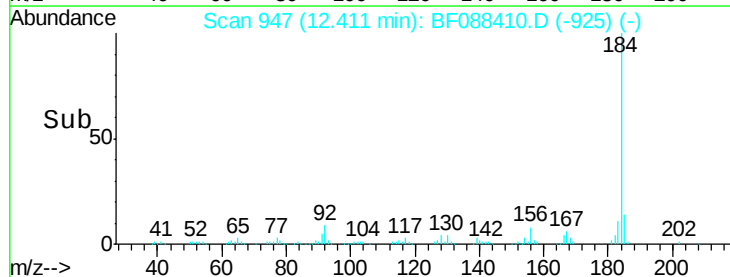
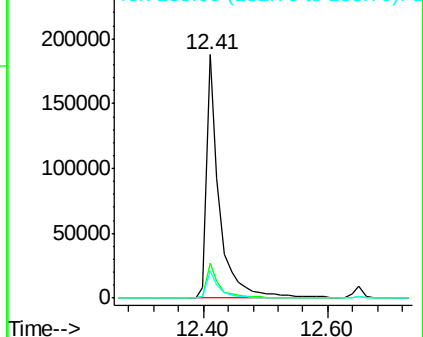
183 11.4 9.3 13.9

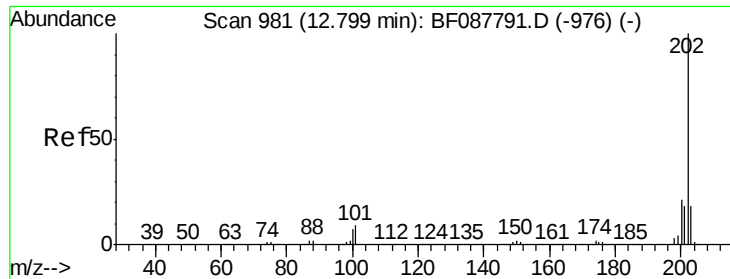


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

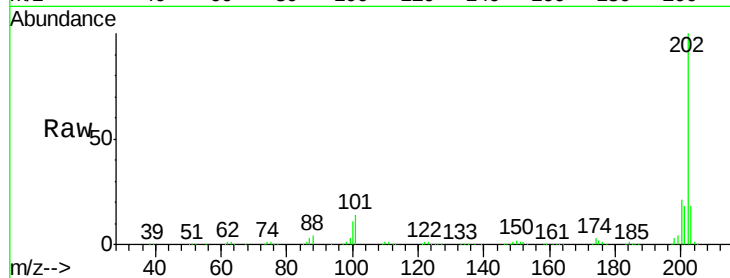




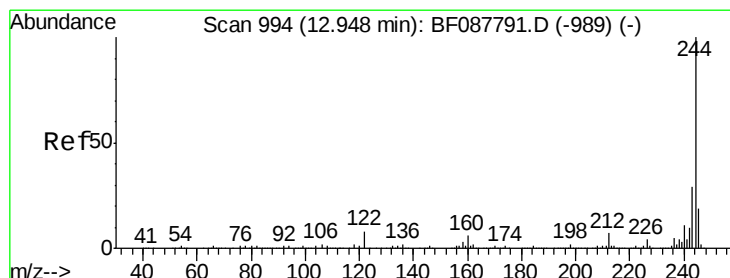
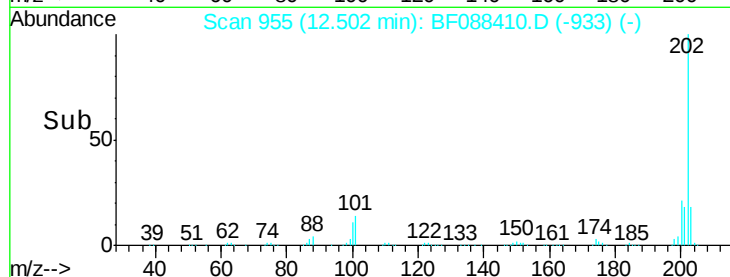
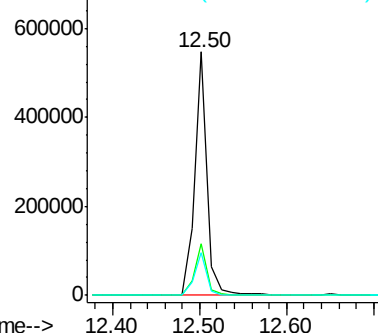
#77
Pyrene
 Concen: 39.29 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.5	14.5	21.7

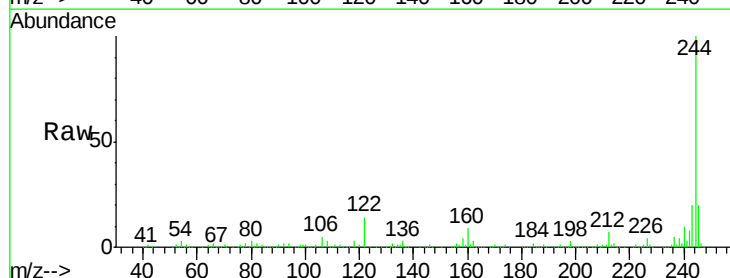


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

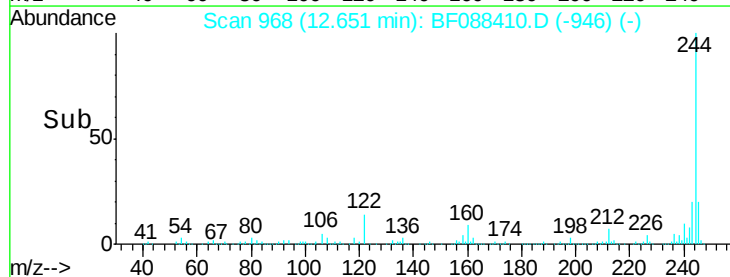
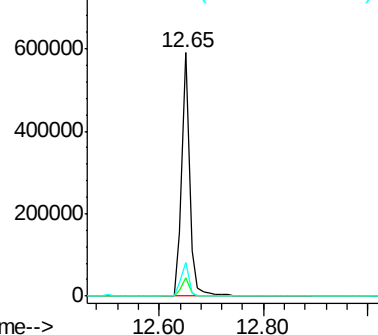


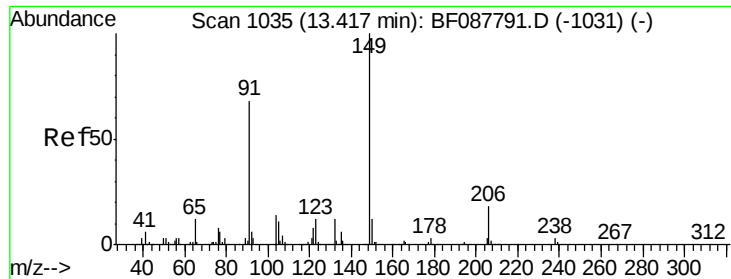
#78
Terphenyl-d14
 Concen: 76.36 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.6	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

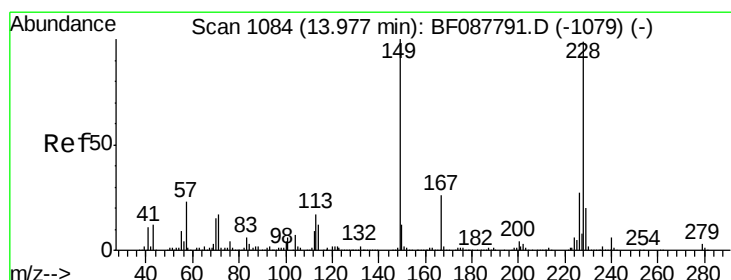
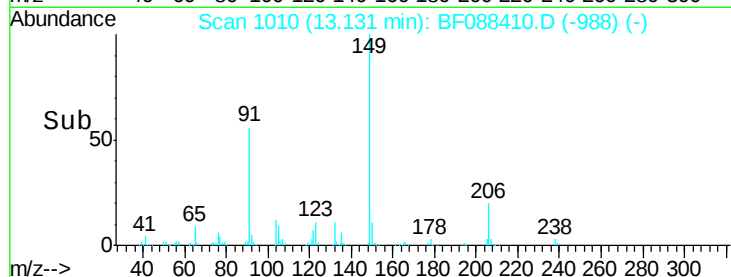
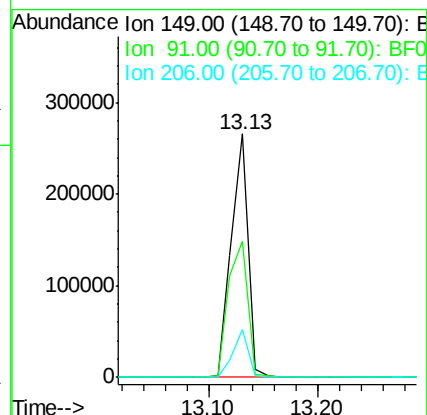
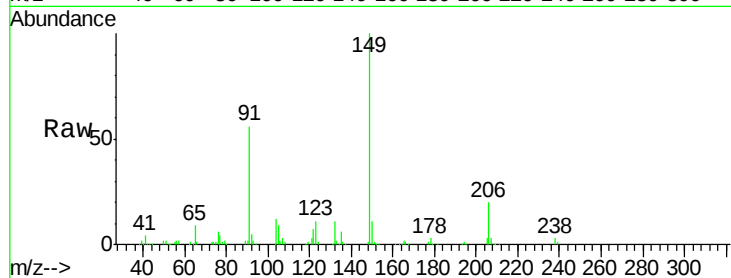




#79
Butylbenzylphthalate
Concen: 46.45 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

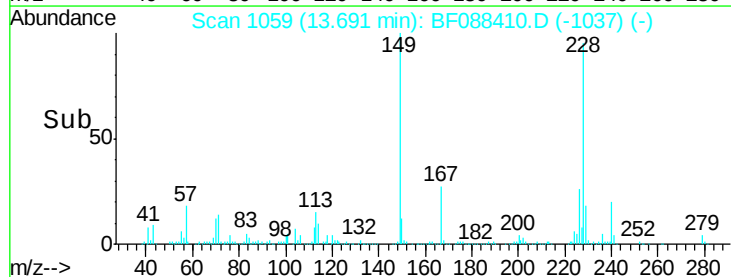
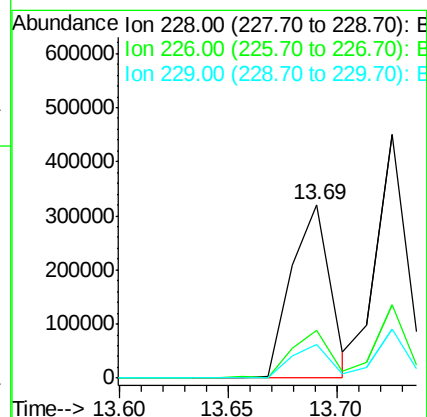
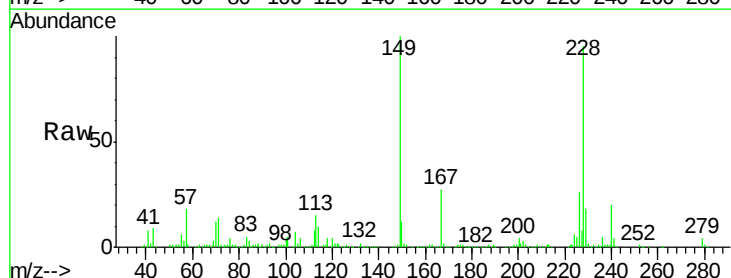
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

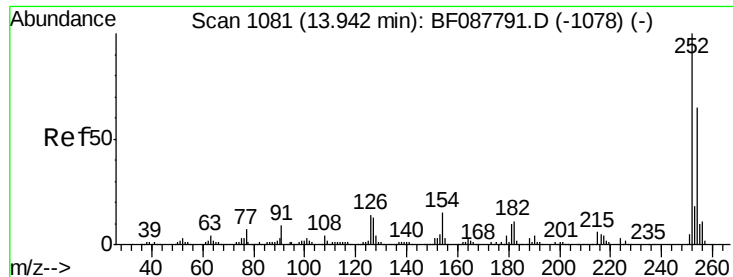
Tgt Ion	Ratio	Lower	Upper
149	100		
91	55.7	48.0	72.0
206	19.5	16.0	24.0



#80
Benzo(a)anthracene
Concen: 37.51 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF088410.D
Acq: 26 Jun 2016 9:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.5	16.0	24.0

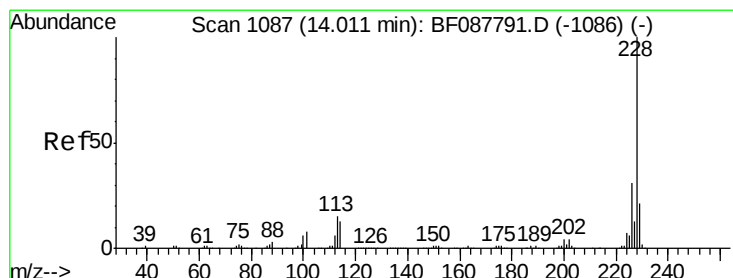
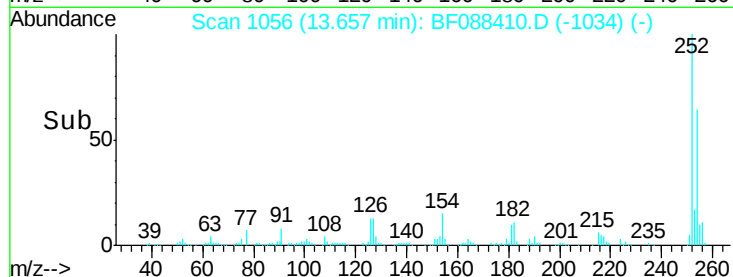
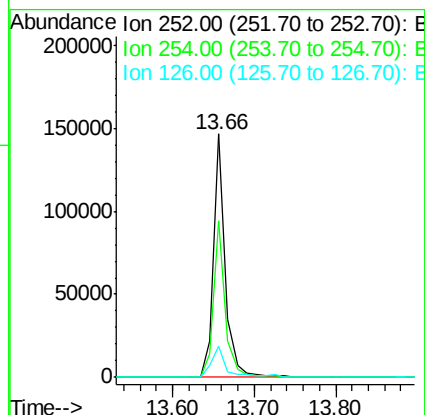
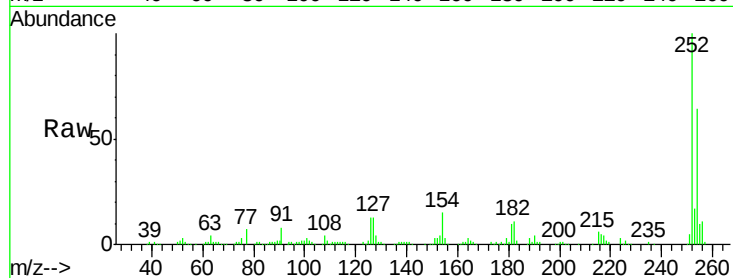




#81
 3,3'-Dichlorobenzidine
 Concen: 52.72 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

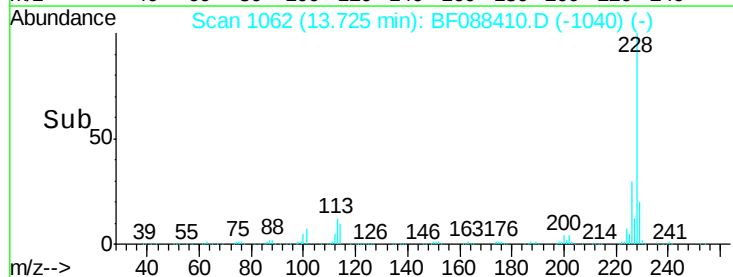
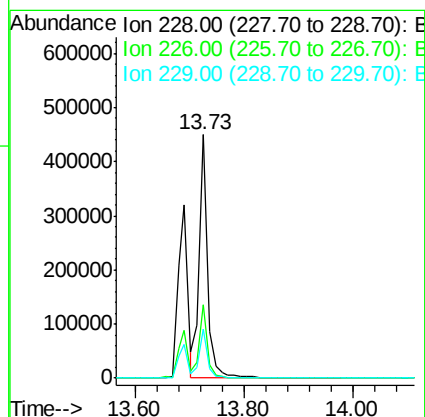
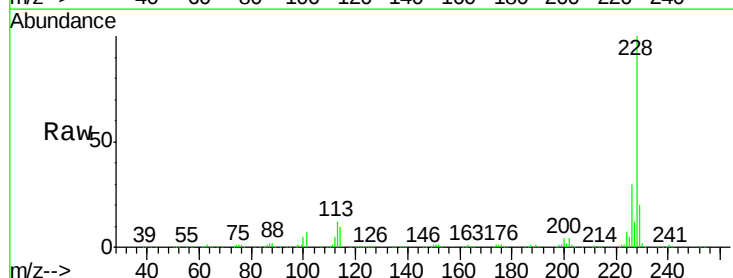
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	12.7	6.2	9.2#



#82
 Chrysene
 Concen: 47.34 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	20.0	16.3	24.5

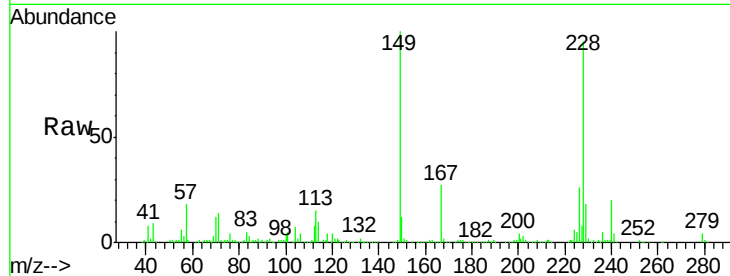




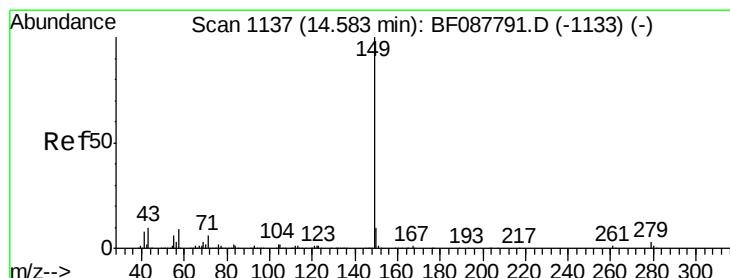
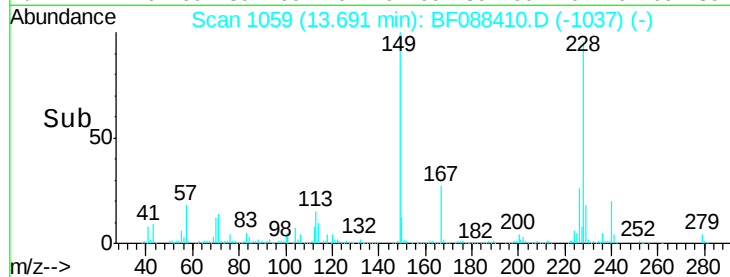
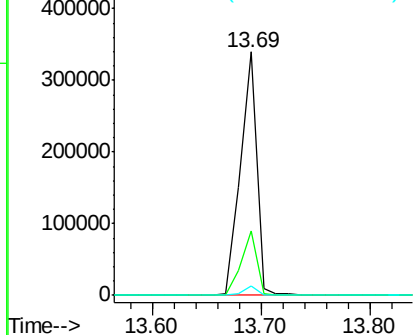
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.64 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 347940
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 3.6 2.0 3.0#

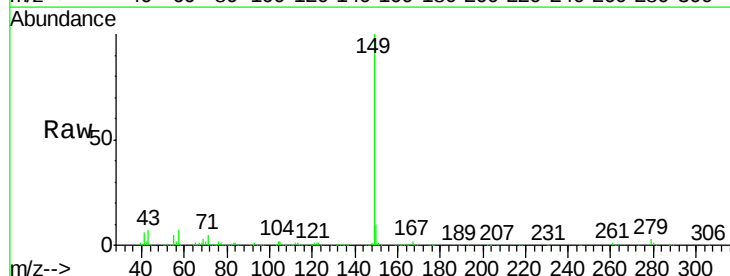


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

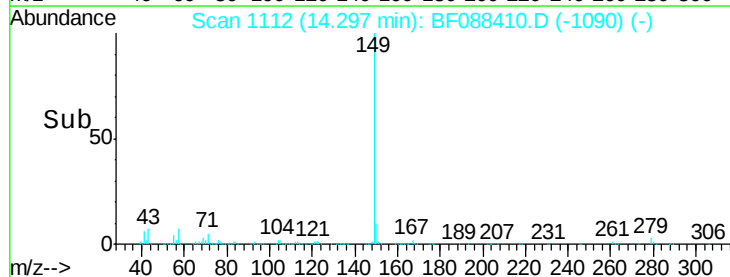
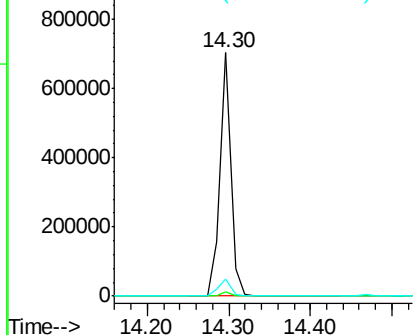


#84
 Di-n-octyl phthalate
 Concen: 53.77 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion:149 Resp: 651883
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.7 0.0 0.0#



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

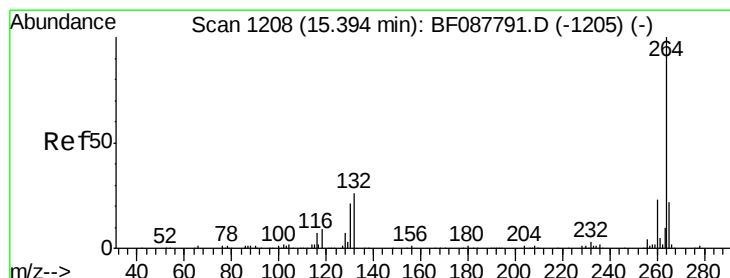
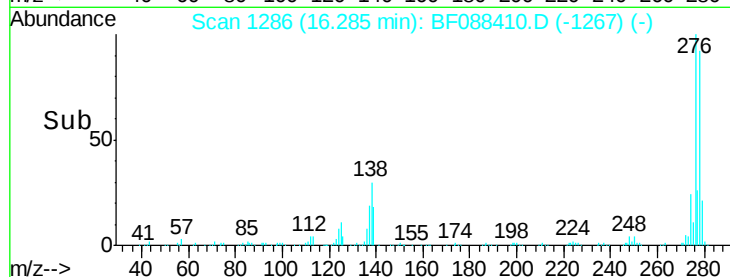
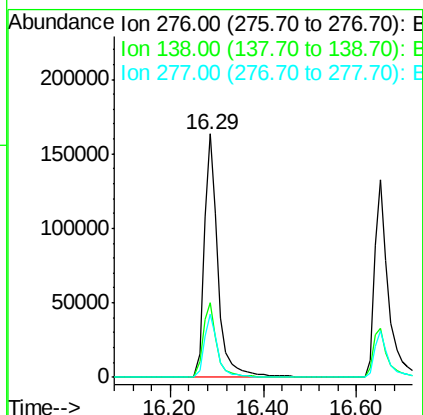
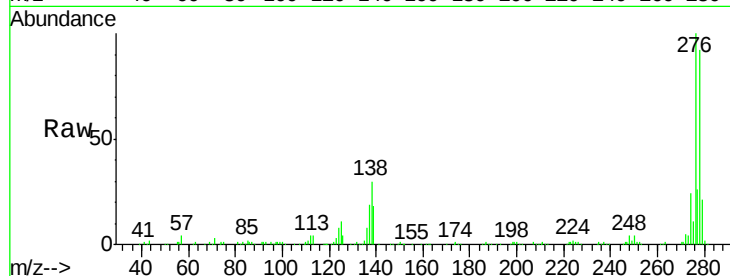




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.30 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.08 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

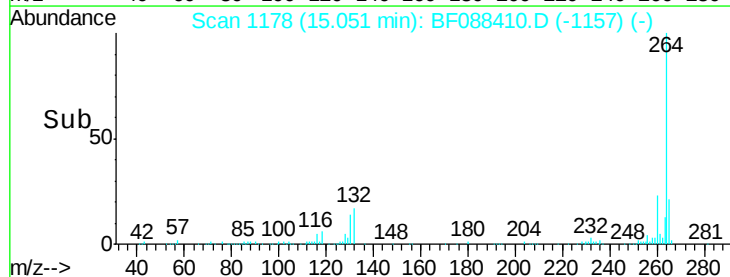
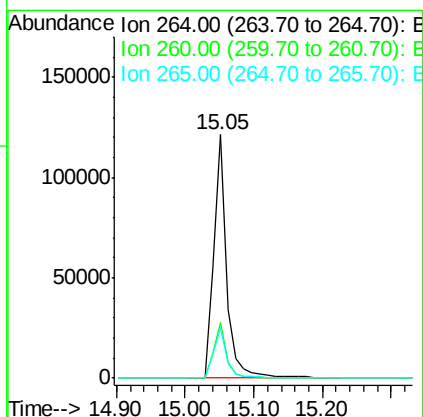
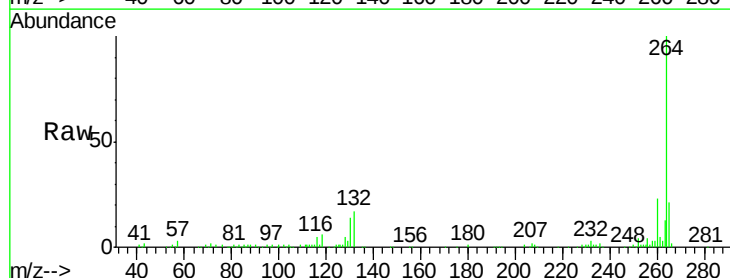
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

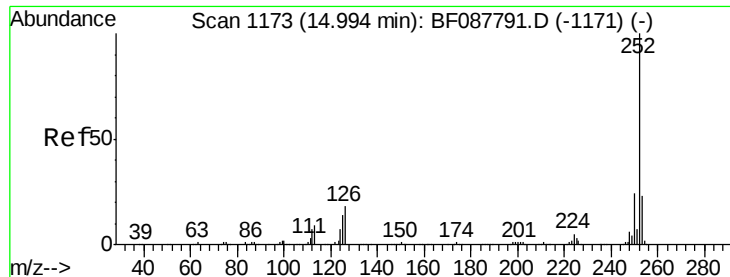
Tgt Ion: 276 Resp: 337797
 Ion Ratio Lower Upper
 276 100
 138 30.7 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088410.D
 Acq: 26 Jun 2016 9:25

Tgt Ion: 264 Resp: 161438
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.9 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 69.32 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

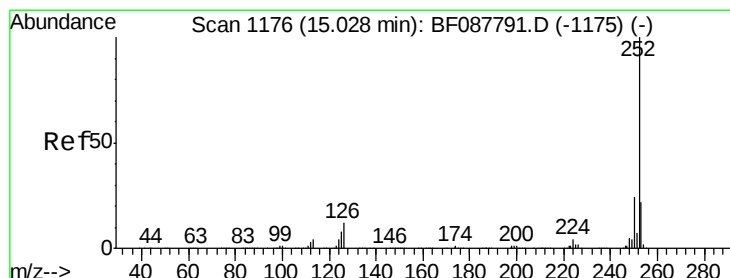
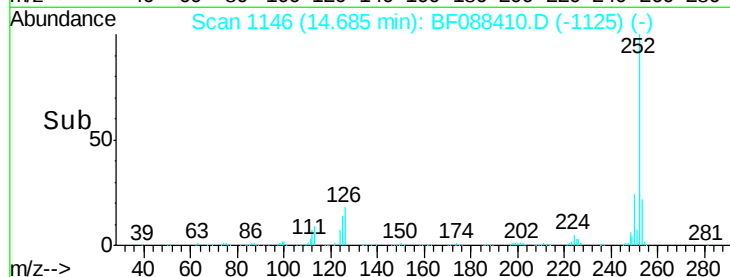
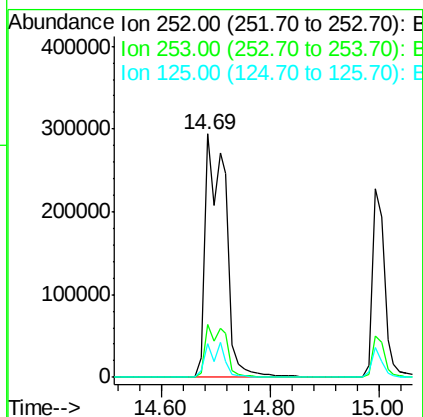
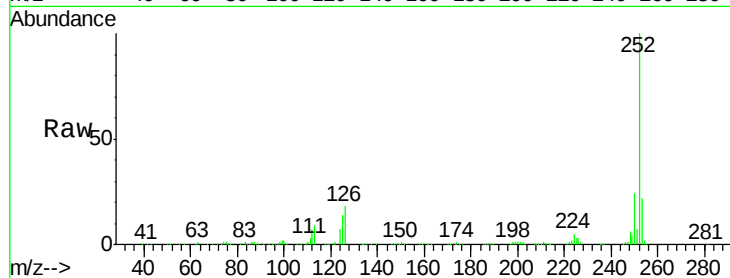
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	779956
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	13.8	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 92.02 ng

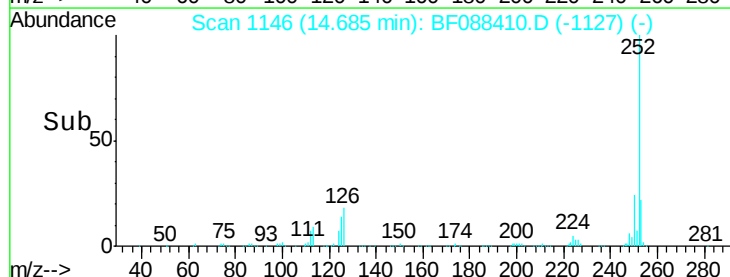
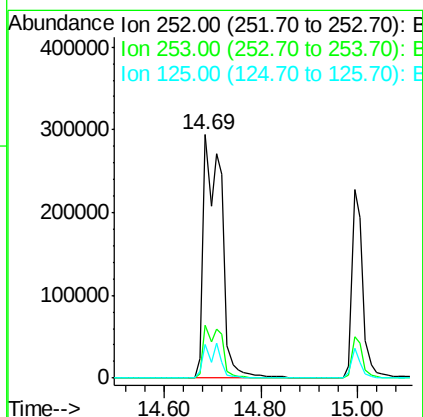
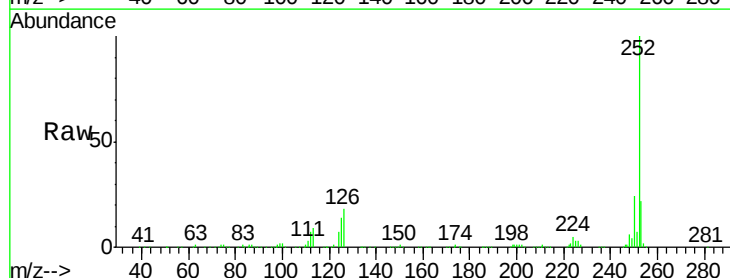
RT: 14.69 min Scan# 1146

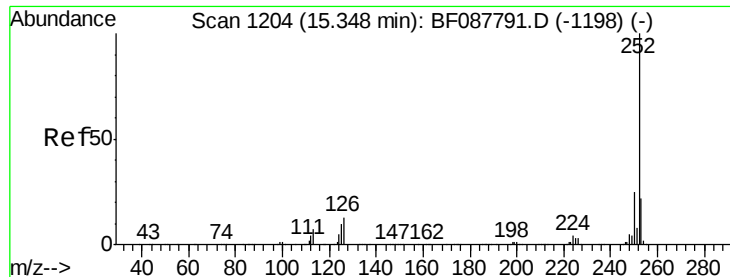
Delta R.T. -0.08 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Tgt Ion:	252	Resp:	781067
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	13.8	11.2	16.8





#89

Benzo(a)pyrene

Concen: 39.30 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

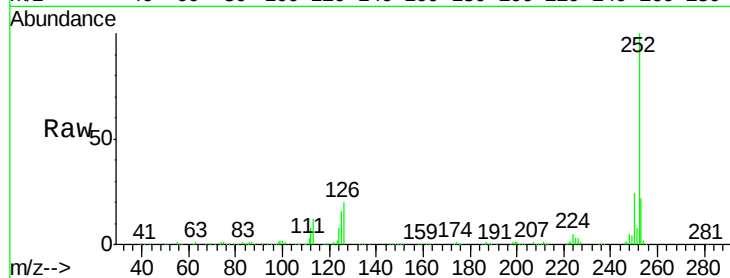
Tgt Ion:252 Resp: 357774

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

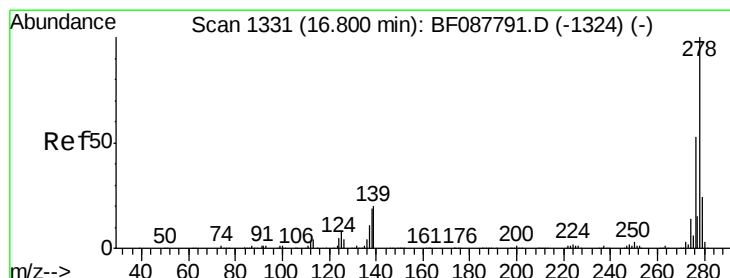
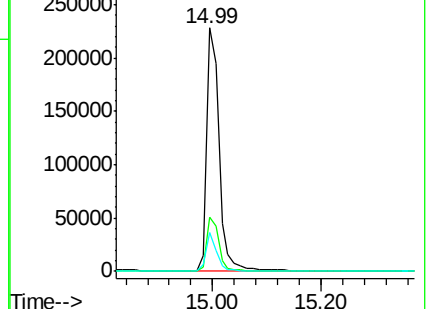
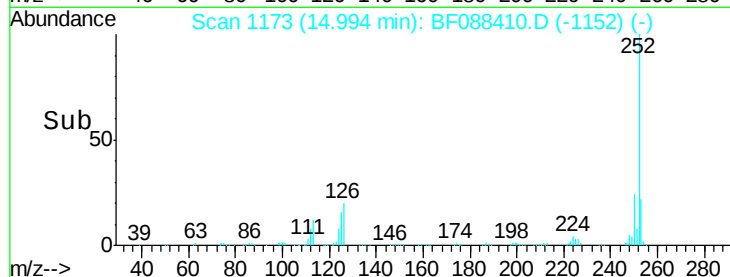
125 15.8 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.44 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088410.D

Acq: 26 Jun 2016 9:25

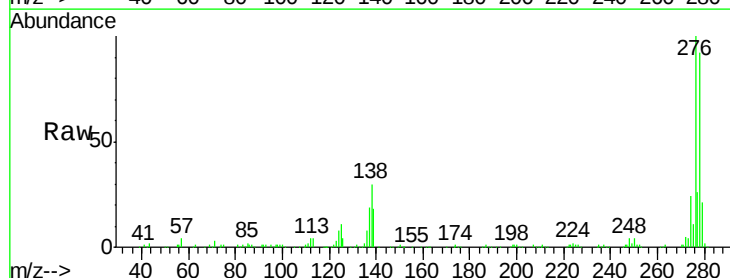
Tgt Ion:278 Resp: 291174

Ion Ratio Lower Upper

278 100

139 19.7 15.7 23.5

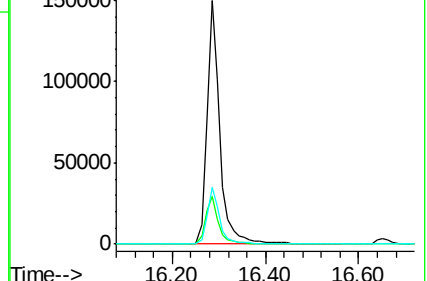
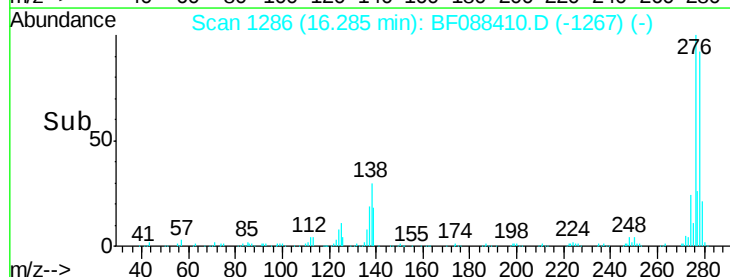
279 23.2 19.4 29.2

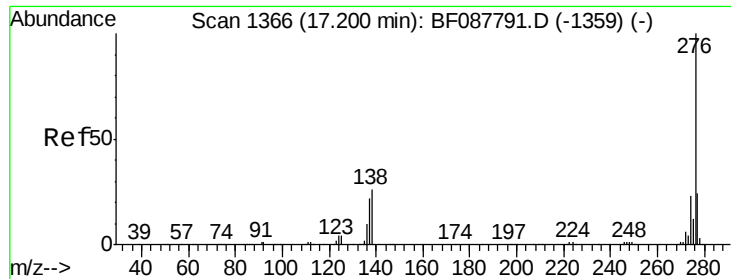


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.57 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088410.D

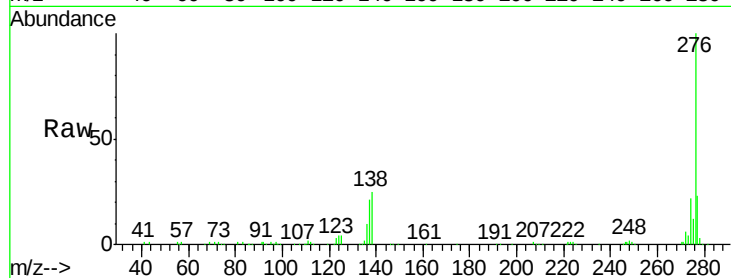
Acq: 26 Jun 2016 9:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:	276	Resp:	283252
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	25.0	21.4	32.2

