

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088241.D
 Acq On : 22 Jun 2016 5:54
 Operator : UM/SJ
 Sample : H3597-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Quant Time: Jun 22 06:46:51 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 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	219698	20.00	ng	0.16
21) Naphthalene-d8	7.94	136	342005	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	158188	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	295963	20.00	ng	0.00
75) Chrysene-d12	13.79	240	210325	20.00	ng	0.00
86) Perylene-d12	15.17	264	175689	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	438549	34.12	ng	0.00
7) Phenol-d6	6.31	99	543477	34.89	ng	0.00
23) Nitrobenzene-d5	7.22	82	332722	56.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	127199	76.15	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	672689	65.54	ng	0.00
78) Terphenyl-d14	12.74	244	551276	59.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	68274	10.93	ng	# 33
3) Pyridine	2.82	79	177838	12.06	ng	94
4) n-Nitrosodimethylamine	2.78	42	70099	11.23	ng	# 78
6) Aniline	6.40	93	188754	8.51	ng	# 57
8) 2-Chlorophenol	6.43	128	192357	12.65	ng	99
10) Phenol	6.32	94	227393	12.33	ng	73
11) bis(2-Chloroethyl)ether	6.40	93	188754	13.82	ng	# 83
12) 1,3-Dichlorobenzene	6.82	146	200855	12.31	ng	# 96
13) 1,4-Dichlorobenzene	6.82	146	200855	12.22	ng	98
14) 1,2-Dichlorobenzene	6.82	146	200855	13.43	ng	95
15) Benzyl Alcohol	6.81	79	129918	10.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	198517	10.76	ng	# 31
17) 2-Methylphenol	6.92	107	152002	12.32	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	116118	11.65	ng	89
20) 3+4-Methylphenols	7.08	107	211832	14.72	ng	# 82
22) Acetophenone	7.07	105	263852	34.52	ng	97
24) Nitrobenzene	7.24	77	201109	35.45	ng	100
25) Isophorone	7.48	82	353748	32.61	ng	96
26) 2-Nitrophenol	7.56	139	95676	31.48	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	179243	32.03	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	236438	35.14	ng	98
29) 2,4-Dichlorophenol	7.80	162	168480	36.06	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	168265	33.08	ng	97
31) Naphthalene	7.95	128	553582	32.71	ng	99
32) Benzoic acid	7.61	122	179243	58.17	ng	# 13
33) 4-Chloroaniline	8.02	127	105495	13.96	ng	# 93
34) Hexachlorobutadiene	8.08	225	86916	32.40	ng	99
35) Caprolactam	8.39	113	51672	33.39	ng	# 79
36) 4-Chloro-3-methylphenol	8.51	107	167679	33.56	ng	94
37) 2-Methylnaphthalene	8.65	142	370978	33.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	150921	33.74	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	51939	20.36	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	82740	26.16	ng	97
43) 2,4,5-Trichlorophenol	8.99	196	87218	26.50	ng	97

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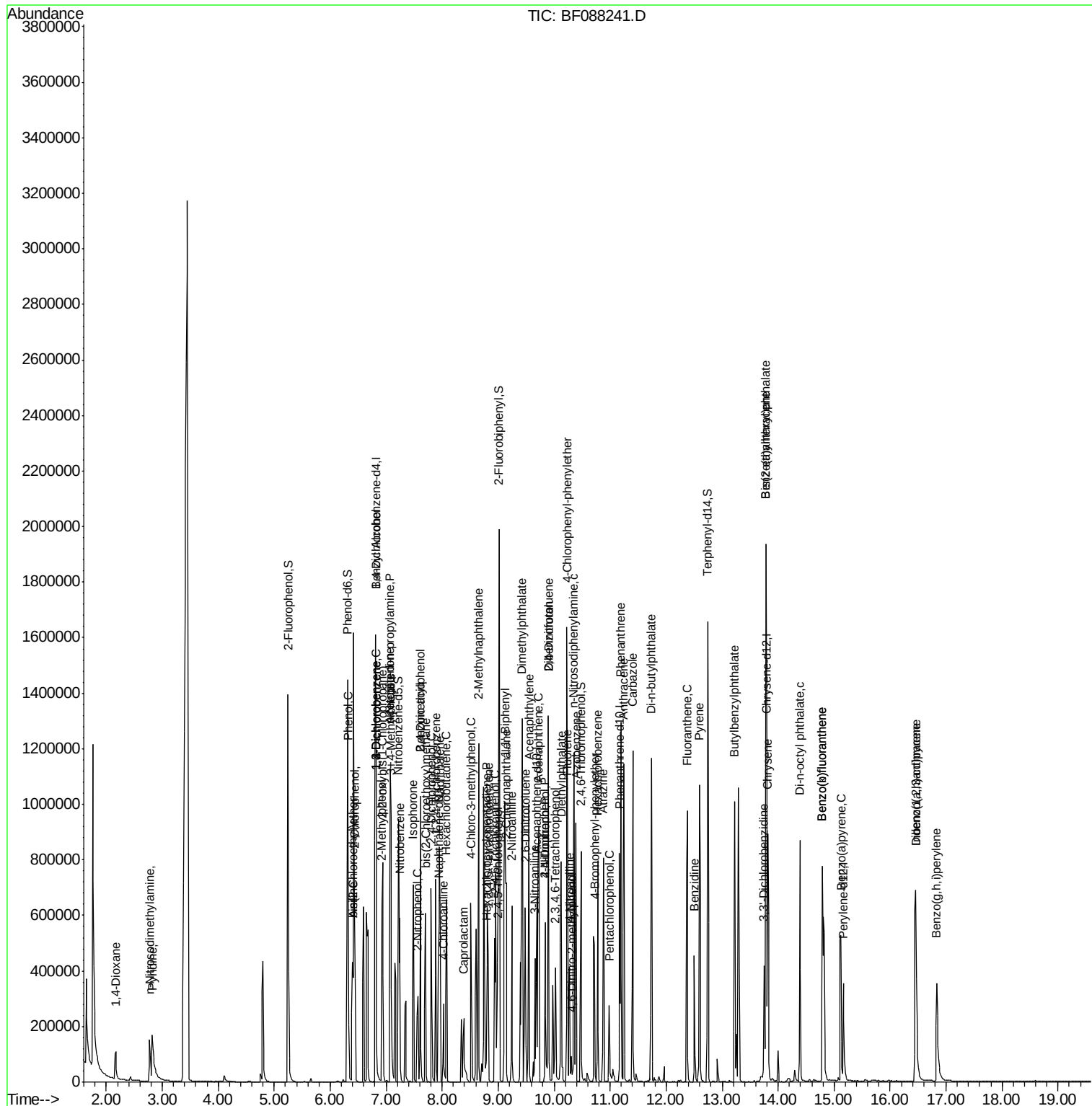
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.12	154	441440	35.93	ng	95
46) 2-Chloronaphthalene	9.14	162	347675	33.96	ng	93
47) 2-Nitroaniline	9.24	65	100600	33.31	ng #	80
48) Acenaphthylene	9.55	152	532933	32.73	ng	99
49) Dimethylphthalate	9.43	163	664592	58.00	ng	100
50) 2,6-Dinitrotoluene	9.48	165	86492	32.96	ng #	62
51) Acenaphthene	9.72	154	312708	30.79	ng	100
52) 3-Nitroaniline	9.66	138	72858	24.06	ng	91
53) 2,4-Dinitrophenol	9.84	184	3531	6.07	ng #	1
54) Dibenzofuran	9.90	168	456804	32.66	ng	95
55) 4-Nitrophenol	9.84	139	59093	25.14	ng	98
56) 2,4-Dinitrotoluene	9.90	165	108717	32.24	ng #	86
57) Fluorene	10.24	166	358835	37.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	64254	24.84	ng #	60
59) Diethylphthalate	10.12	149	405814	34.99	ng	98
60) 4-Chlorophenyl-phenylether	10.23	204	156955	33.74	ng	98
61) 4-Nitroaniline	10.27	138	105257	36.65	ng	91
62) Azobenzene	10.39	77	388612	33.88	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	18456	11.70	ng #	68
65) n-Nitrosodiphenylamine	10.35	169	342939	34.92	ng	100
66) 4-Bromophenyl-phenylether	10.72	248	102001	32.12	ng	95
67) Hexachlorobenzene	10.78	284	102033	30.93	ng	98
68) Atrazine	10.88	200	87658	29.48	ng	90
69) Pentachlorophenol	10.98	266	44748	25.73	ng	97
70) Phenanthrene	11.19	178	513866	33.09	ng	100
71) Anthracene	11.24	178	542439	34.63	ng	98
72) Carbazole	11.40	167	520179	35.48	ng	98
73) Di-n-butylphthalate	11.74	149	611330	32.94	ng	99
74) Fluoranthene	12.38	202	561199	34.24	ng	96
76) Benzidine	12.50	184	189733	32.58	ng	98
77) Pyrene	12.59	202	553654	35.47	ng	99
79) Butylbenzylphthalate	13.22	149	249487	36.16	ng	90
80) Benzo(a)anthracene	13.78	228	381869	31.86	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	86687	26.90	ng #	94
82) Chrysene	13.82	228	417382	37.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	326500	38.87	ng	99
84) Di-n-octyl phthalate	14.39	149	519643	38.07	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	353214	33.72	ng #	100
87) Benzo(b)fluoranthene	14.79	252	701856	57.32	ng #	95
88) Benzo(k)fluoranthene	14.79	252	702094	76.01	ng	99
89) Benzo(a)pyrene	15.12	252	346099	34.93	ng #	94
90) Dibenzo(a,h)anthracene	16.46	278	294474	32.00	ng	99
91) Benzo(g,h,i)perylene	16.83	276	312254	32.99	ng	99

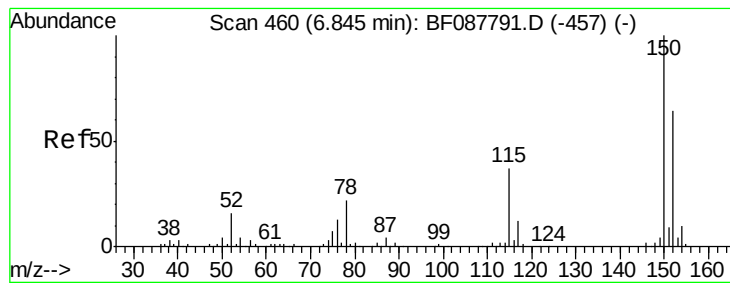
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.16 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

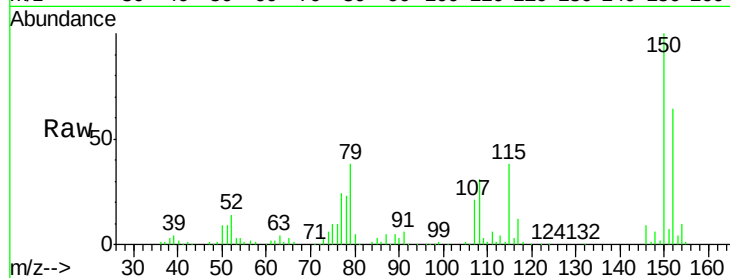
Tgt Ion:152 Resp: 219698

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

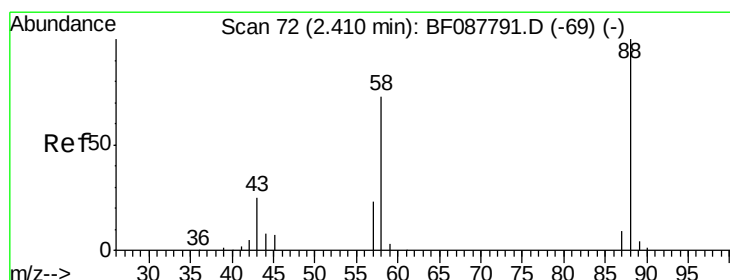
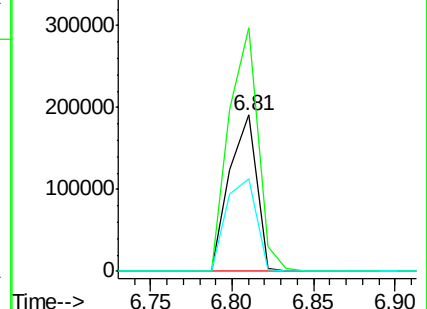
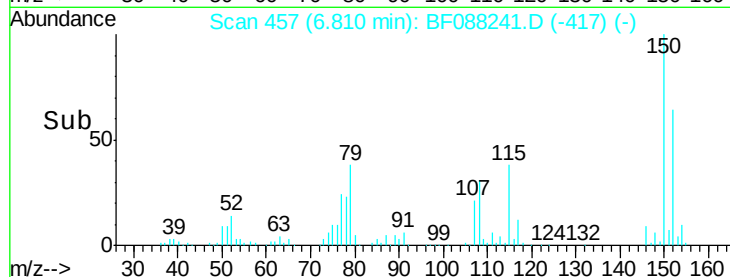
115 59.2 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.93 ng

RT: 2.17 min Scan# 51

Delta R.T. 0.07 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

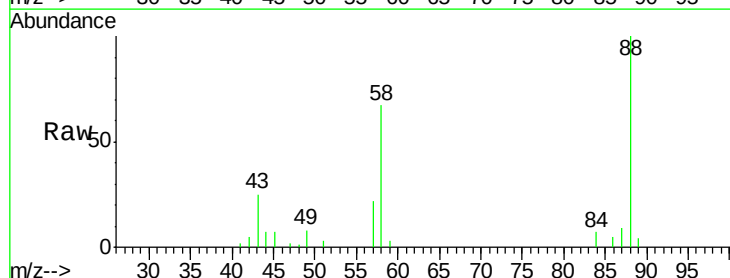
Tgt Ion: 88 Resp: 68274

Ion Ratio Lower Upper

88 100

58 69.0 0.0 0.0#

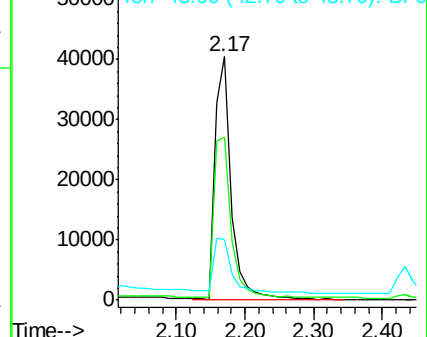
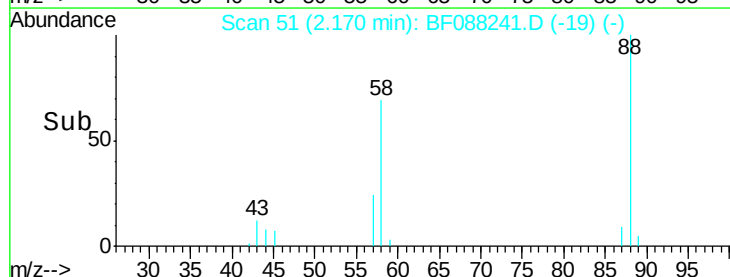
43 26.4 3.4 5.2#

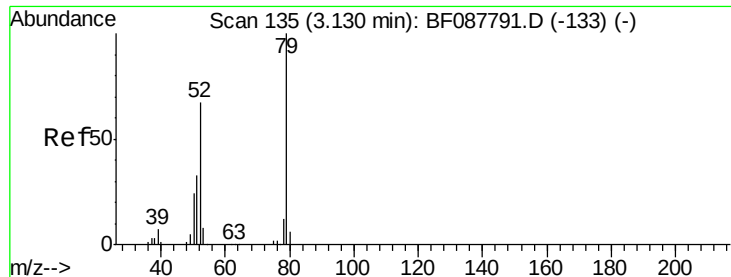


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.06 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.06 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

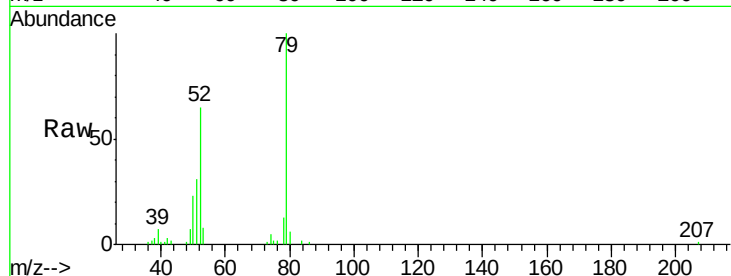
Tgt Ion: 79 Resp: 177838

Ion Ratio Lower Upper

79 100

52 64.8 56.3 84.5

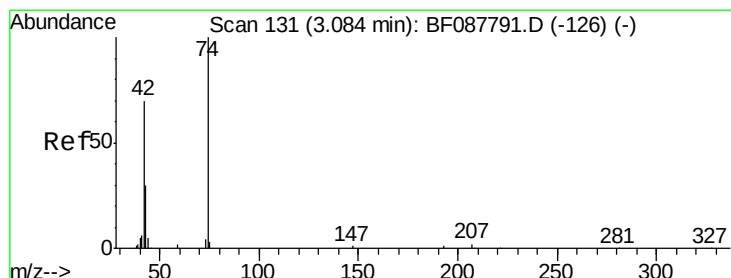
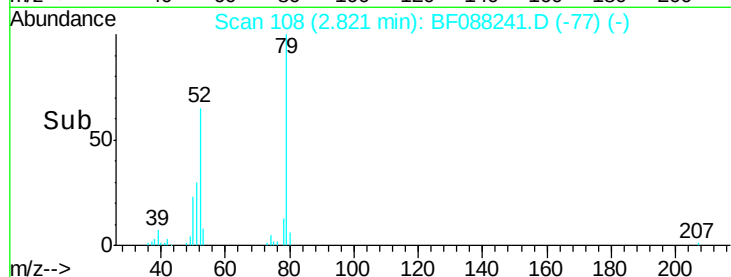
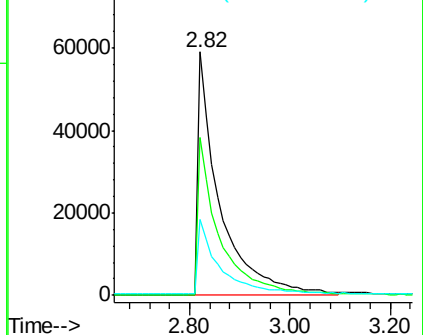
51 31.2 27.4 41.2



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: 11.23 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

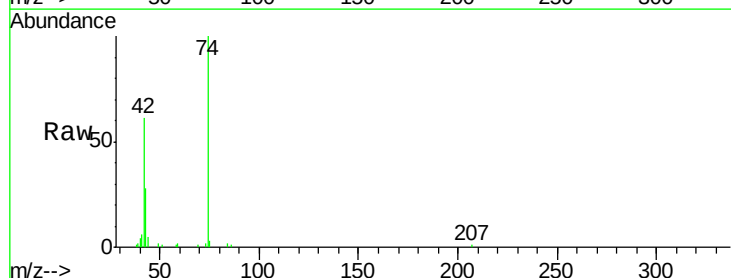
Tgt Ion: 42 Resp: 70099

Ion Ratio Lower Upper

42 100

74 163.7 108.6 163.0#

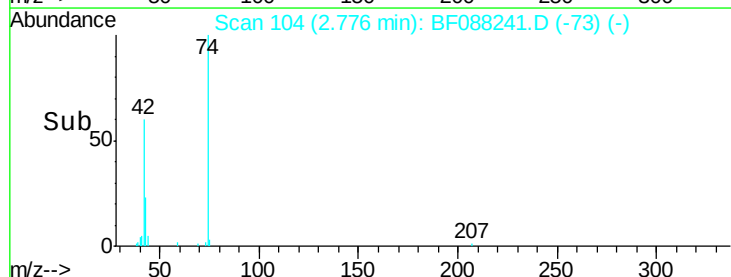
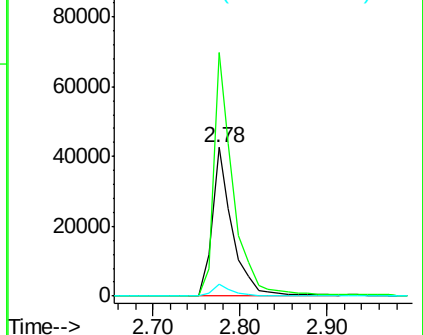
44 7.7 5.5 8.3

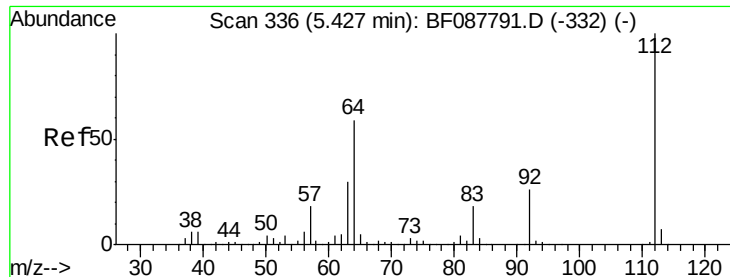


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 34.12 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

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ClientSampleId :

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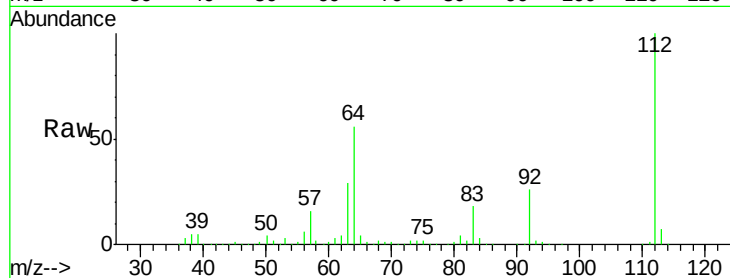
Tgt Ion: 112 Resp: 438549

Ion Ratio Lower Upper

112 100

64 55.6 42.2 63.2

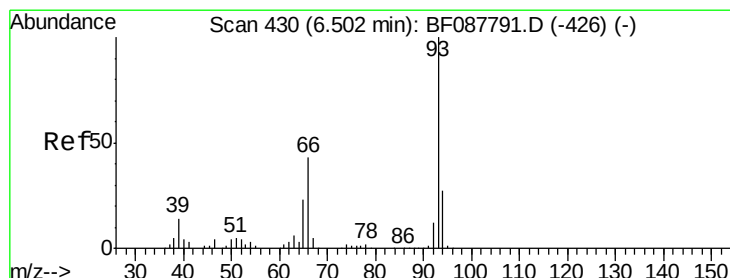
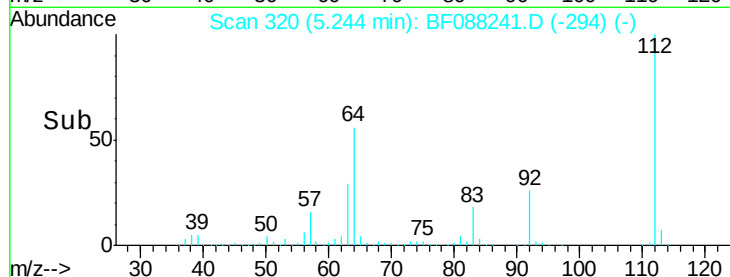
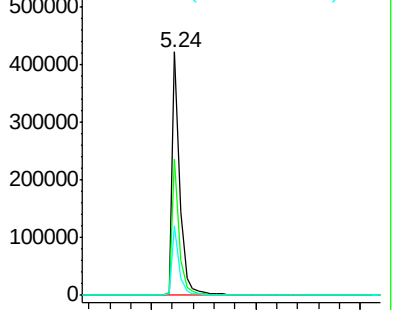
63 28.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.51 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.08 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

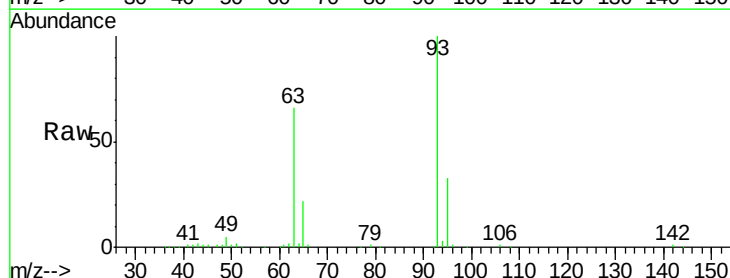
Tgt Ion: 93 Resp: 188754

Ion Ratio Lower Upper

93 100

66 0.7 29.8 44.8#

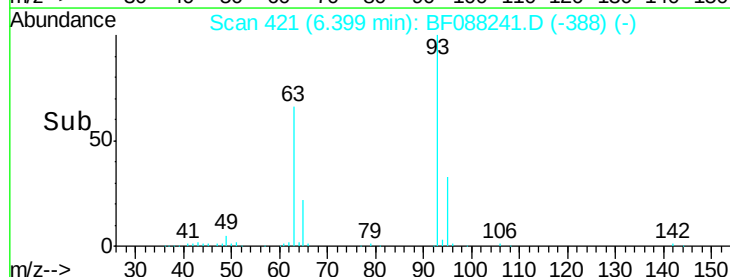
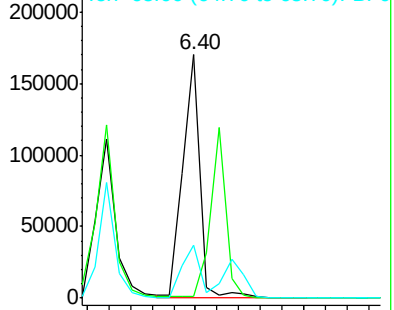
65 21.7 14.9 22.3

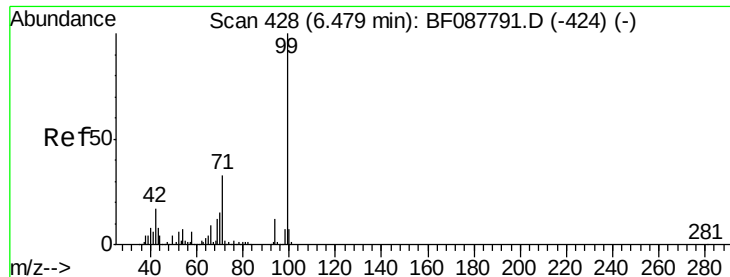


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.89 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088241.D

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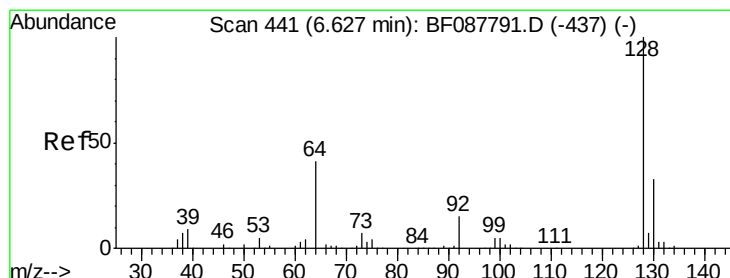
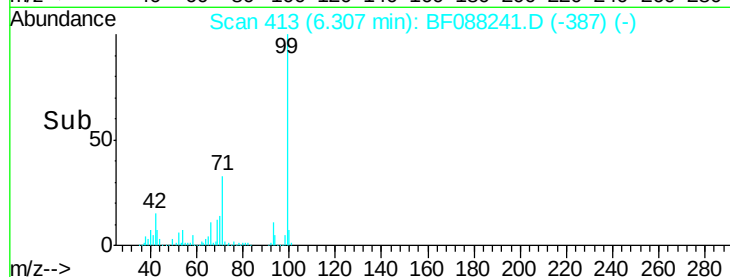
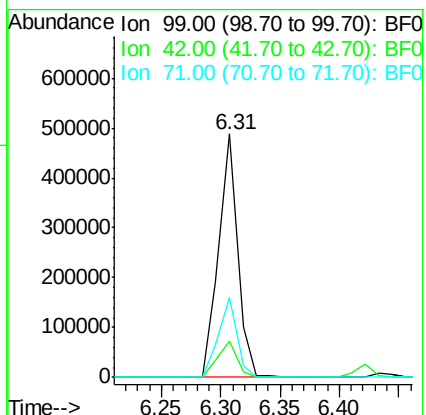
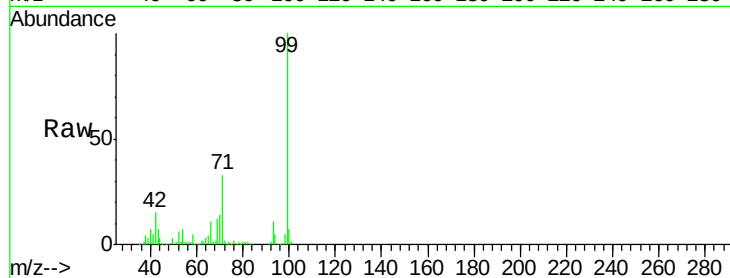
Tgt Ion: 99 Resp: 543477

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 32.8 23.4 35.0



#8

2-Chlorophenol

Concen: 12.65 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

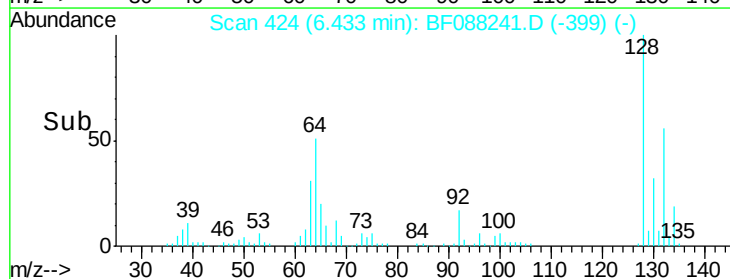
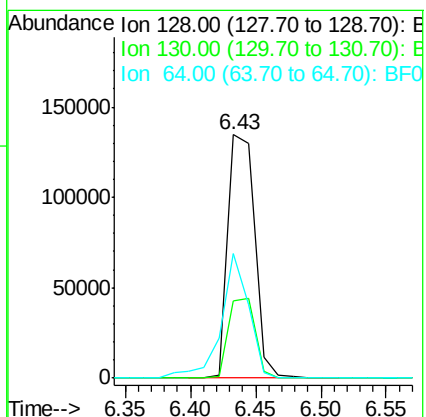
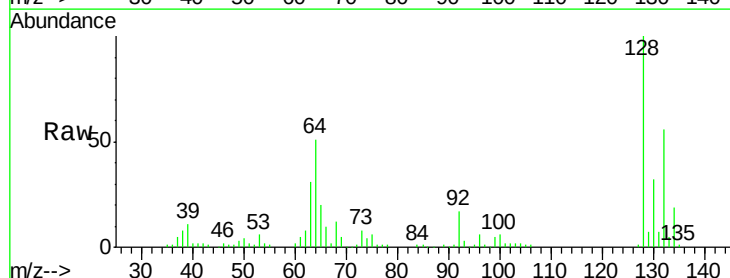
Tgt Ion: 128 Resp: 192357

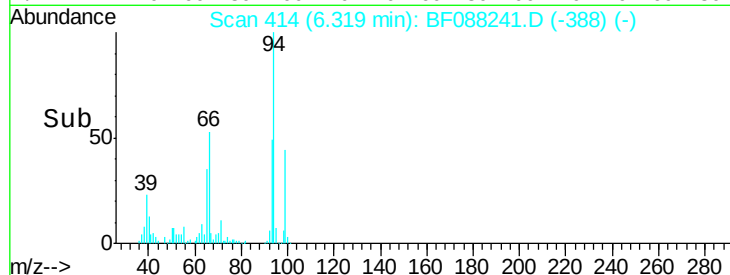
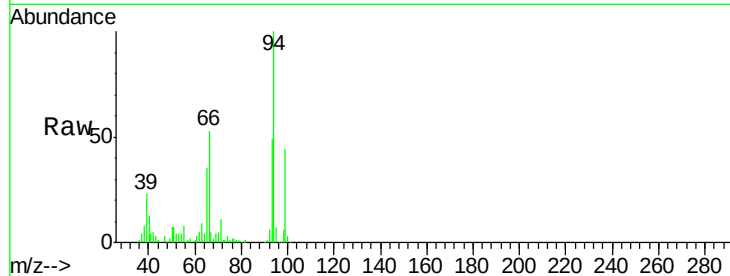
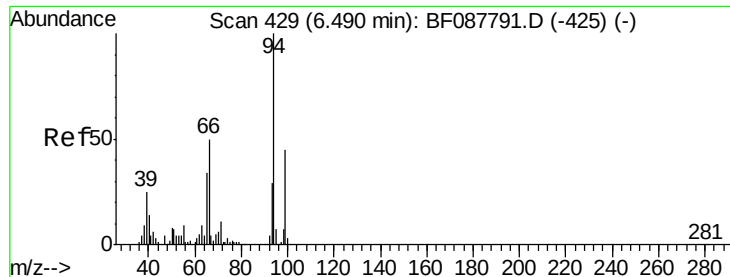
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 51.1 30.8 70.8





#10

Phenol

Concen: 12.33 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

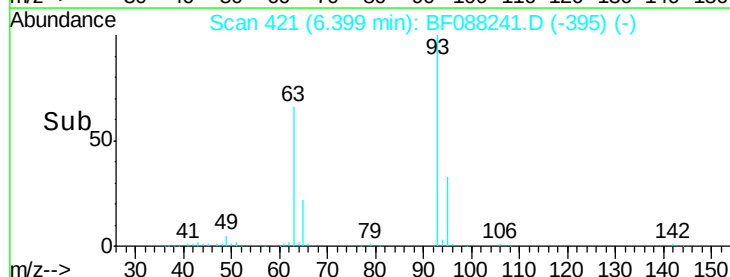
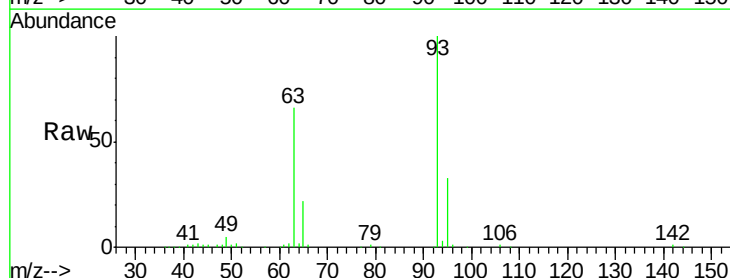
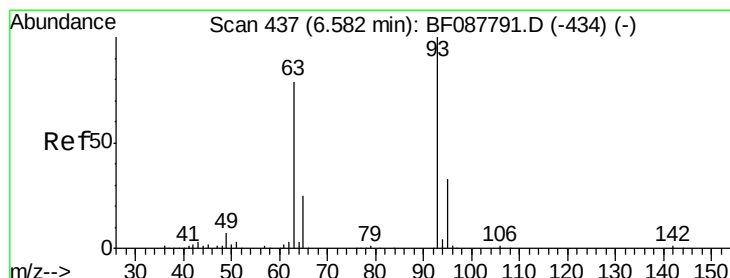
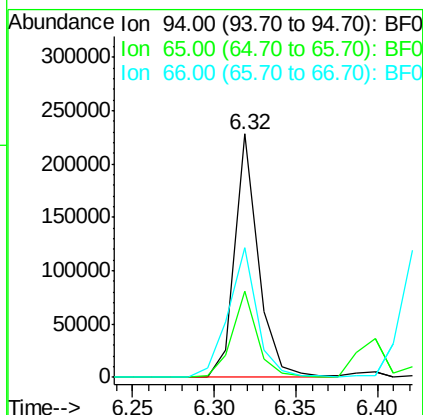
Tgt Ion: 94 Resp: 227393

Ion Ratio Lower Upper

94 100

65 35.3 5.9 45.9

66 53.1 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 13.82 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

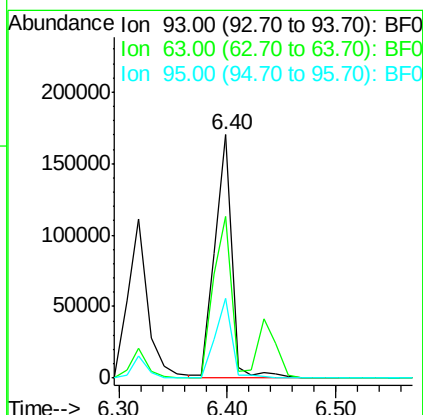
Tgt Ion: 93 Resp: 188754

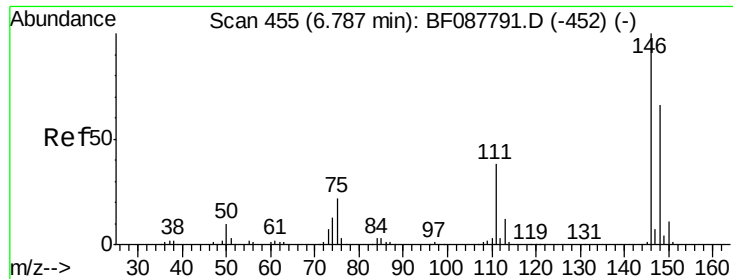
Ion Ratio Lower Upper

93 100

63 66.3 67.6 107.6#

95 32.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 12.31 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.23 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

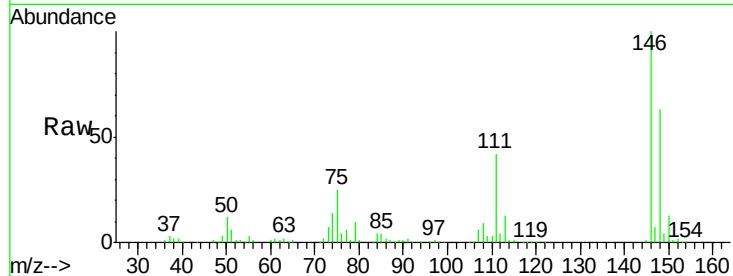
Tgt Ion:146 Resp: 200855

Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

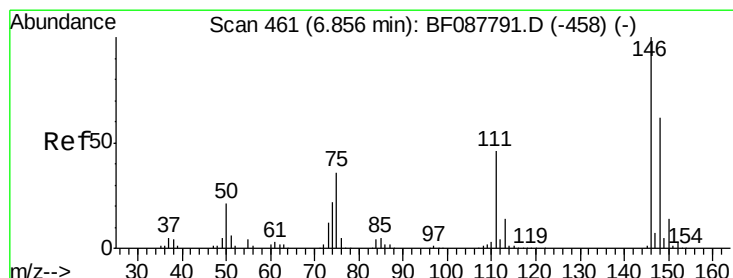
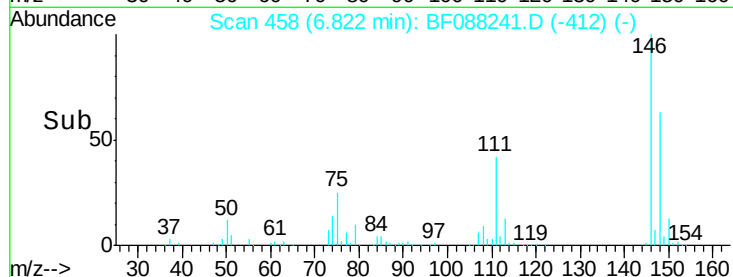
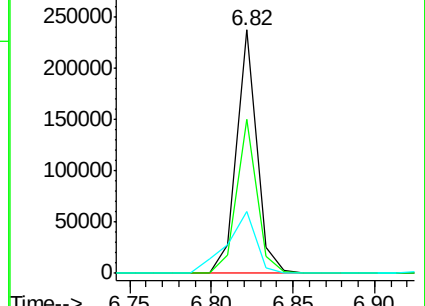
75 25.4 25.6 38.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.22 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.15 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

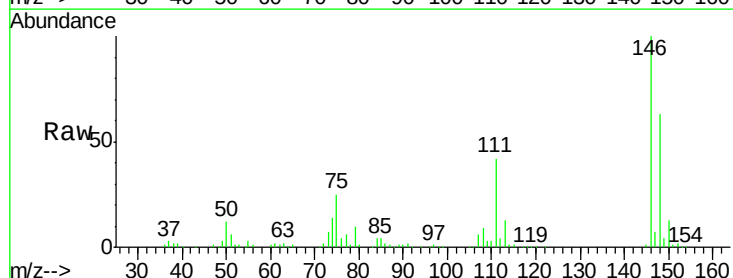
Tgt Ion:146 Resp: 200855

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

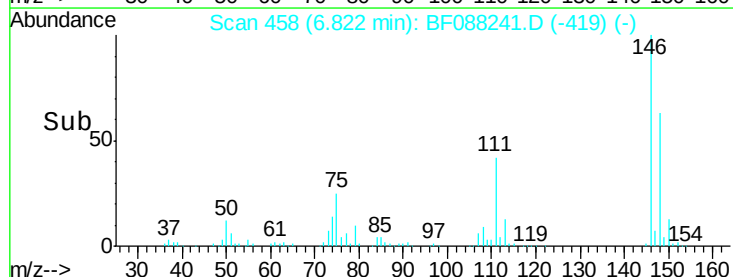
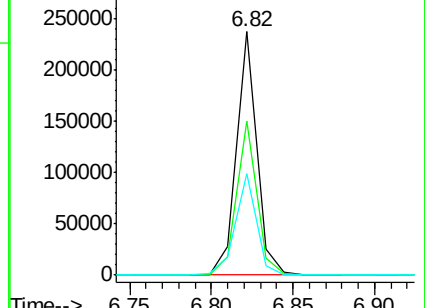
111 41.7 33.8 50.8

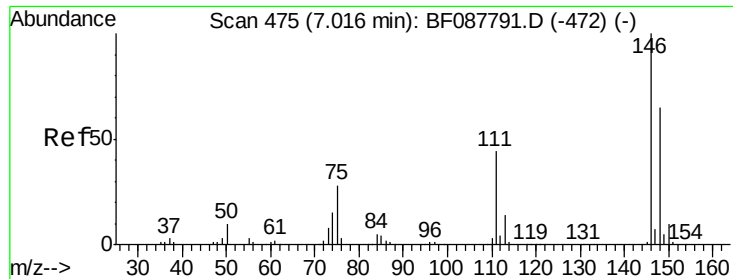


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

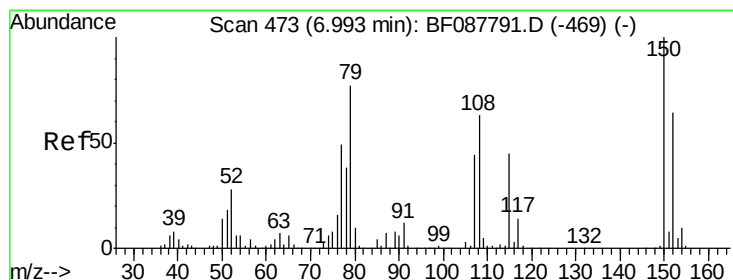
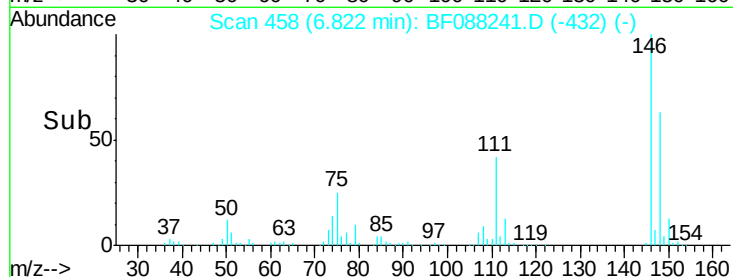
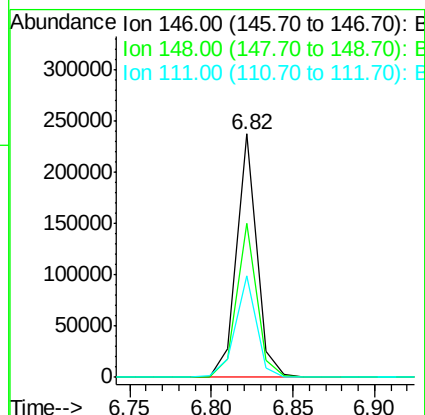
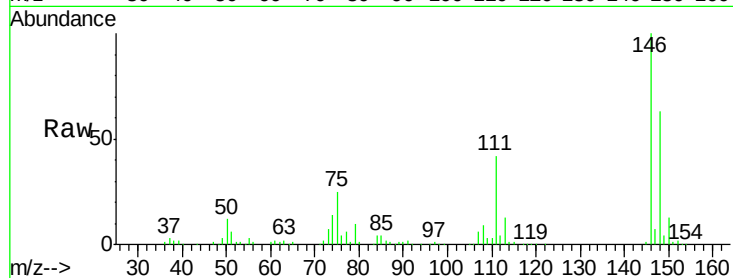




#14
 1,2-Dichlorobenzene
 Concen: 13.43 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

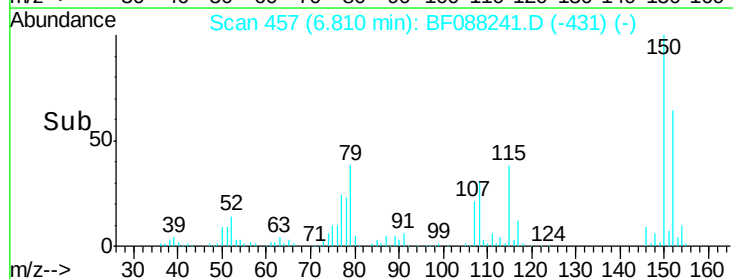
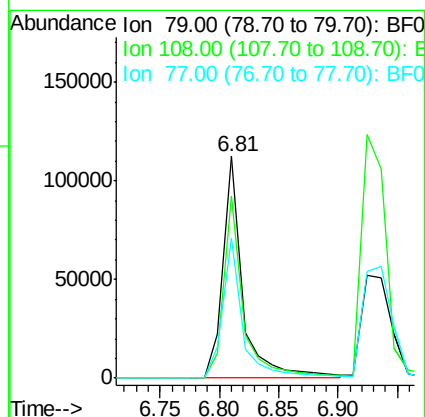
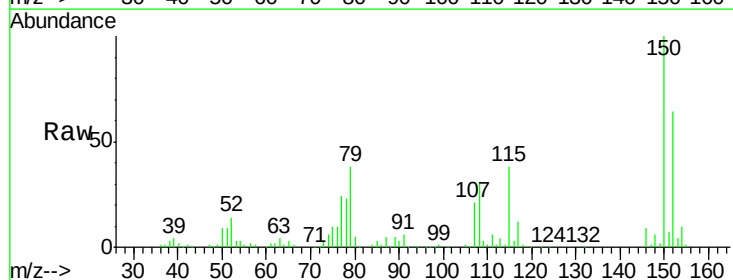
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

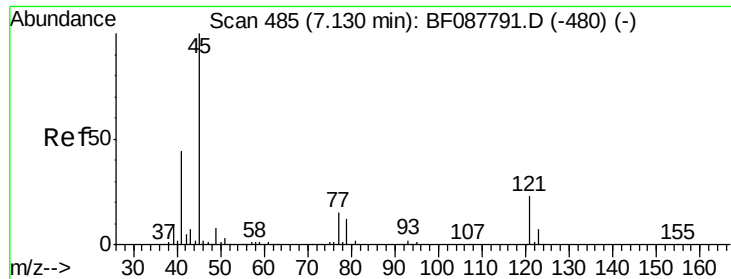
Tgt Ion: 146 Resp: 200855
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 41.7 28.7 43.1



#15
 Benzyl Alcohol
 Concen: 10.66 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion: 79 Resp: 129918
 Ion Ratio Lower Upper
 79 100
 108 82.3 65.0 97.6
 77 63.3 50.3 75.5

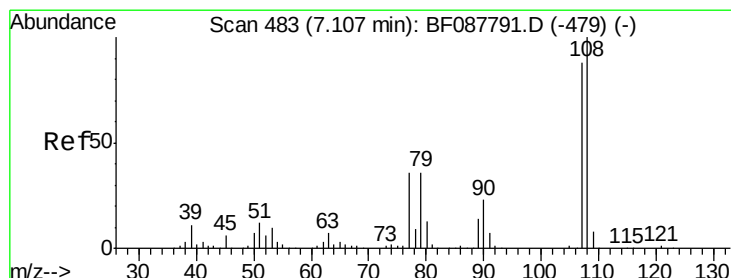
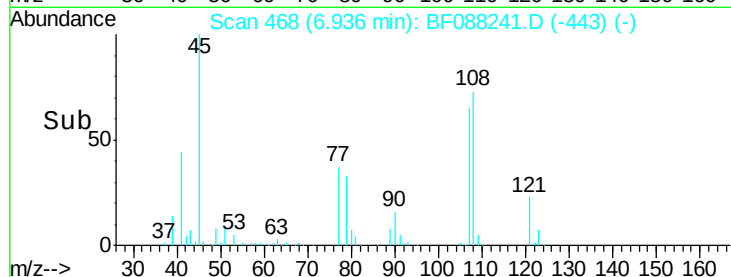
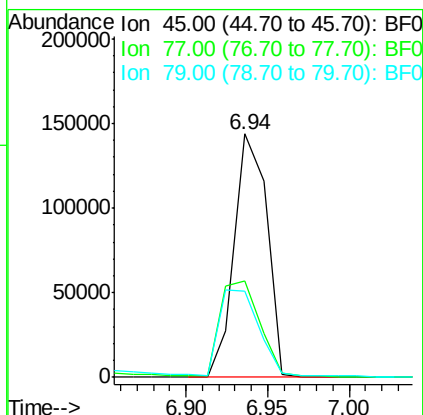
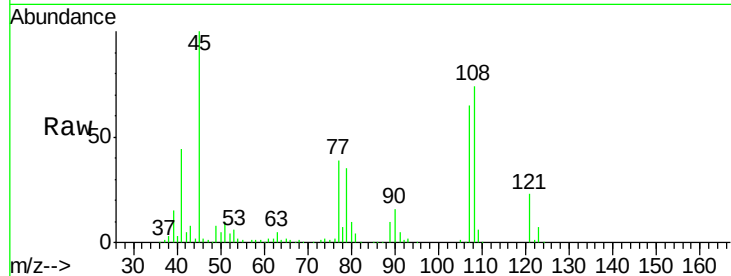




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.76 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

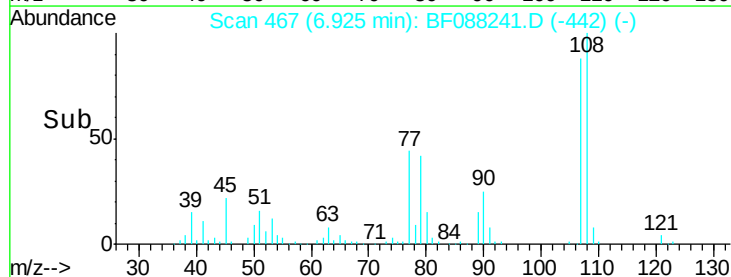
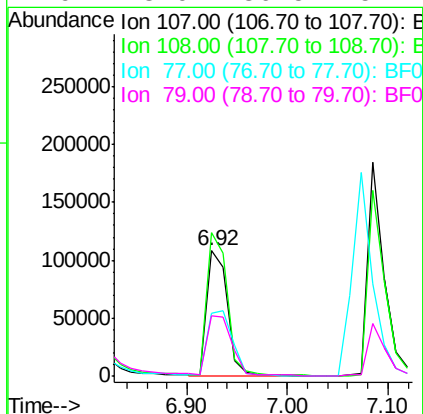
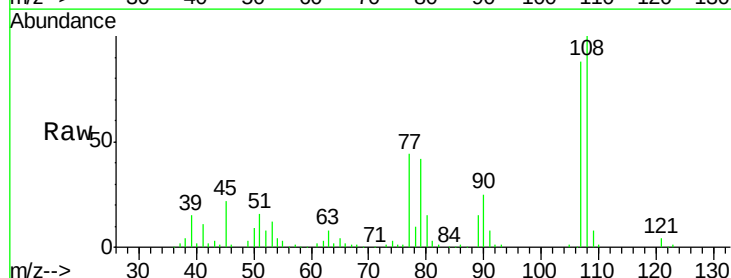
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

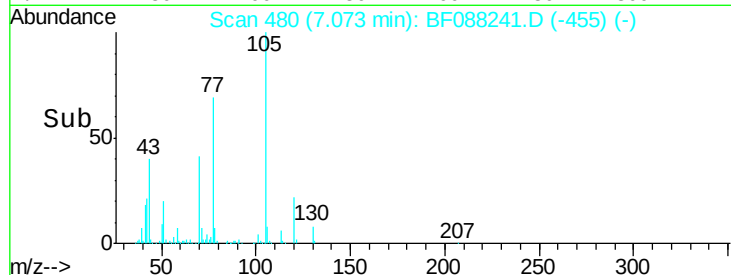
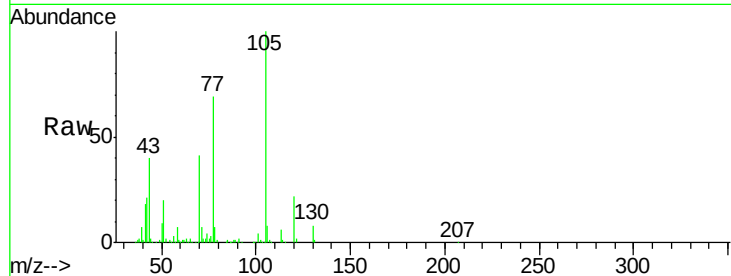
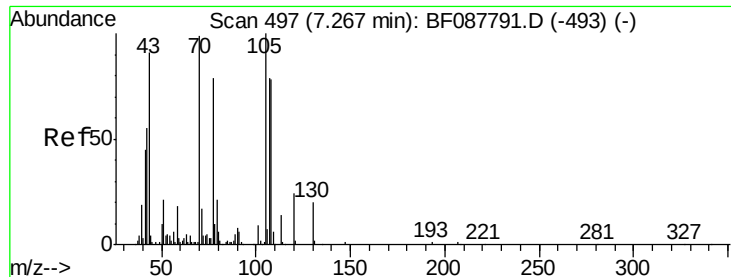
Tgt Ion: 45 Resp: 198517
Ion Ratio Lower Upper
45 100
77 39.5 0.0 32.5#
79 35.3 0.0 29.5#



#17
2-Methylphenol
Concen: 12.32 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion: 107 Resp: 152002
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 49.8 36.6 55.0
79 48.0 36.5 54.7

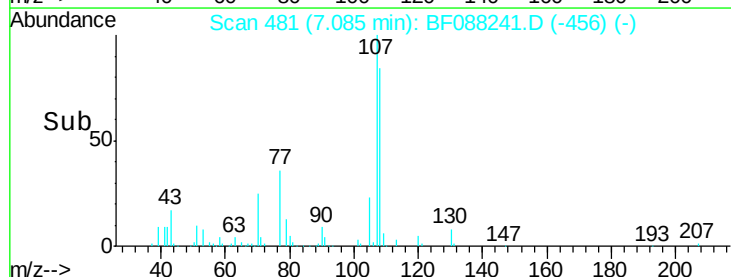
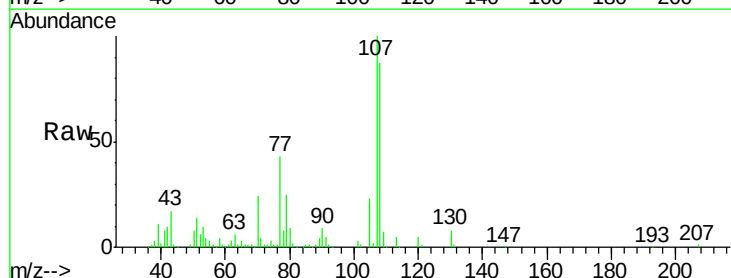
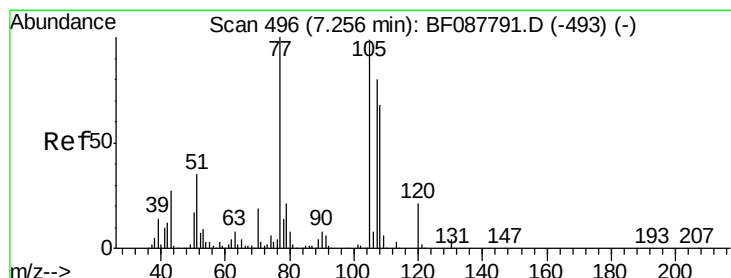
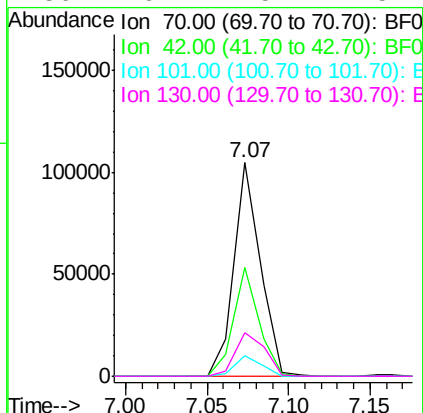




#19
n-Nitroso-di-n-propylamine
Concen: 11.65 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

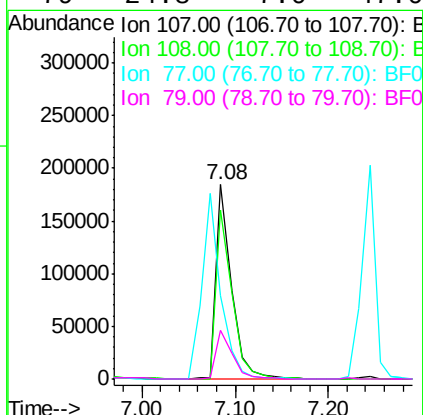
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

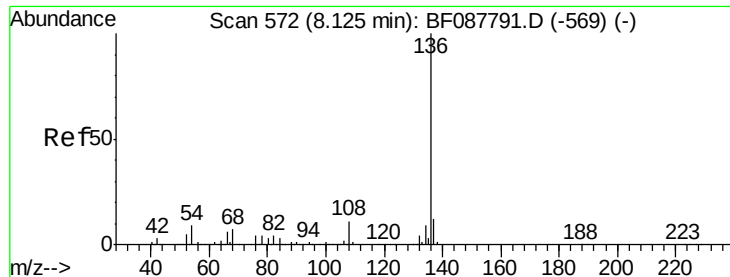
Tgt Ion:	70	Resp:	116118
Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.6	74.4
101	9.9	7.1	10.7
130	20.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 14.72 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:	107	Resp:	211832
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.8	107.8
77	43.1	59.3	99.3#
79	24.8	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tgt Ion:136 Resp: 342005

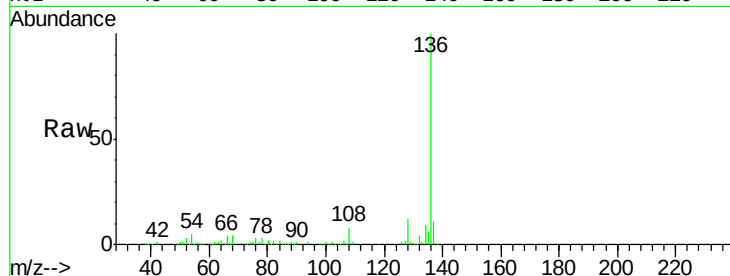
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.8 6.6 10.0#

68 4.3 5.1 7.7#

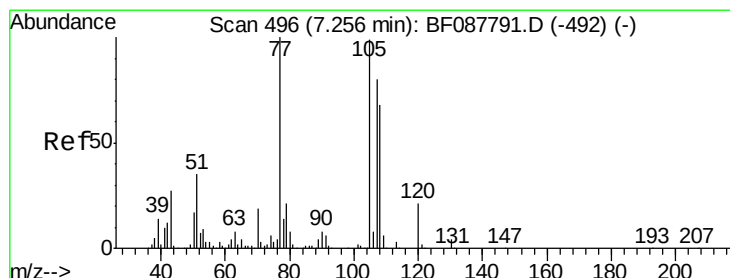
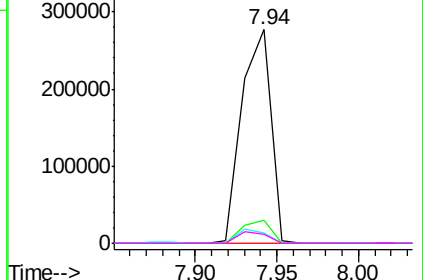
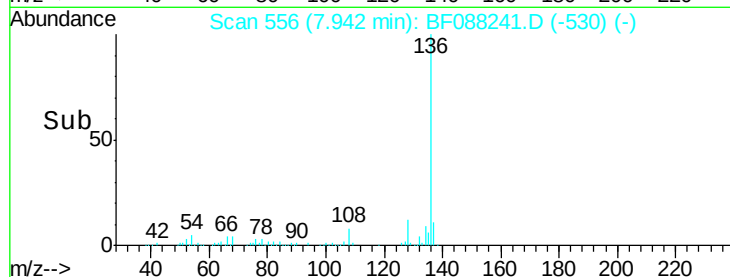


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.52 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Tgt Ion:105 Resp: 263852

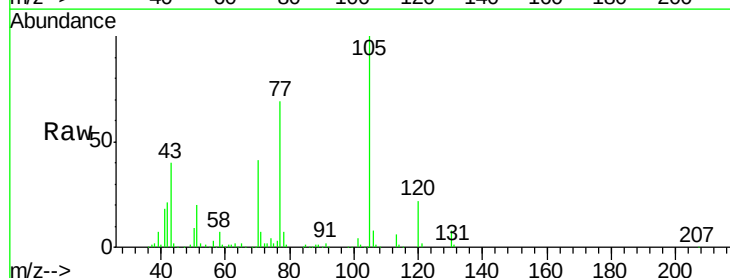
Ion Ratio Lower Upper

105 100

71 6.9 5.3 7.9

51 20.1 18.2 27.4

120 21.8 18.0 27.0

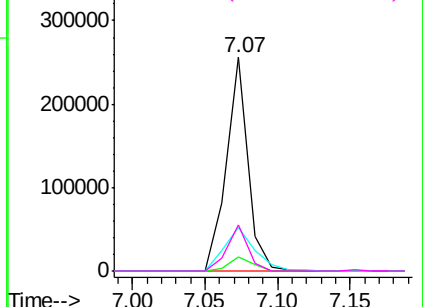
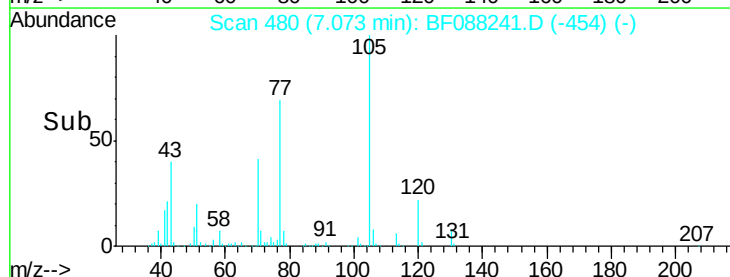


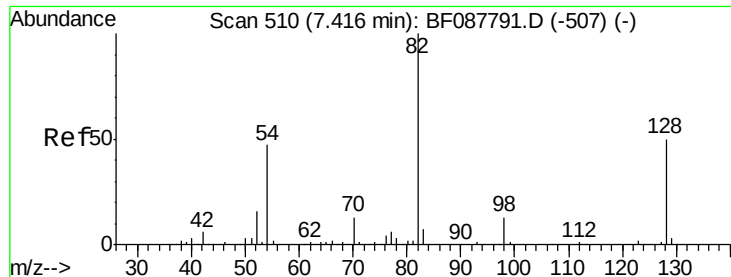
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

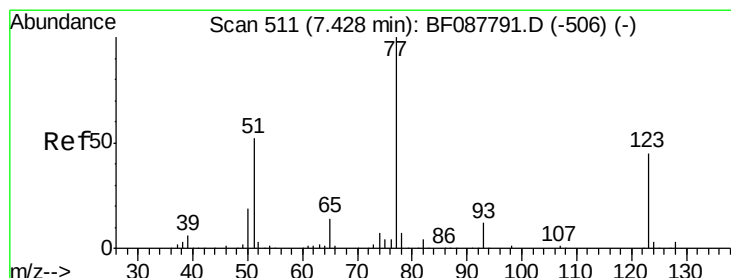
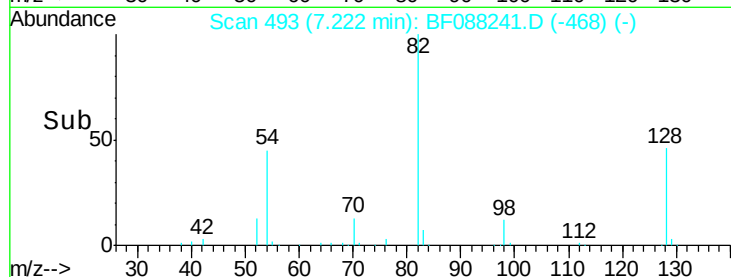
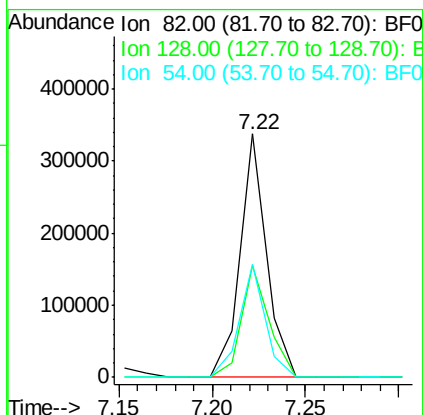
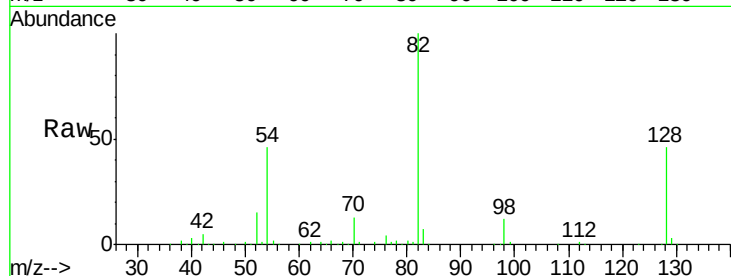




#23
Nitrobenzene-d5
Concen: 56.81 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

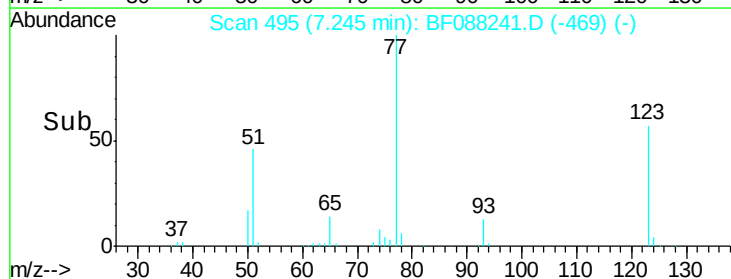
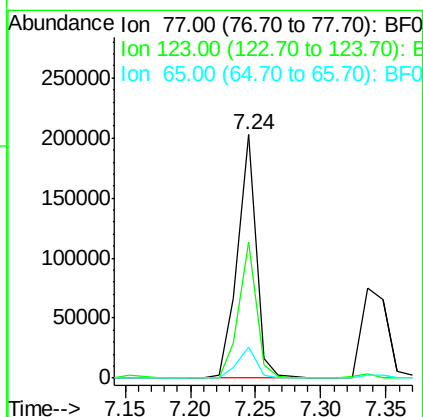
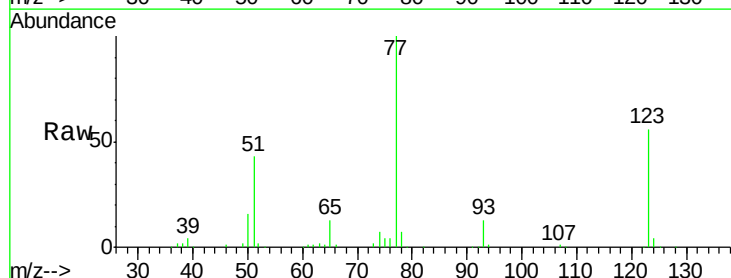
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

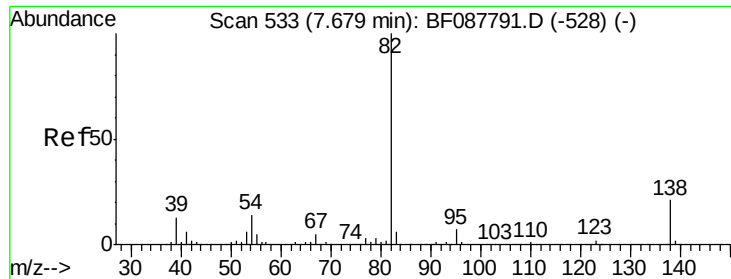
Tgt Ion: 82 Resp: 332722
Ion Ratio Lower Upper
82 100
128 46.0 35.9 53.9
54 46.2 40.9 61.3



#24
Nitrobenzene
Concen: 35.45 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion: 77 Resp: 201109
Ion Ratio Lower Upper
77 100
123 56.1 45.0 67.4
65 12.8 10.2 15.2





#25

Isophorone

Concen: 32.61 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

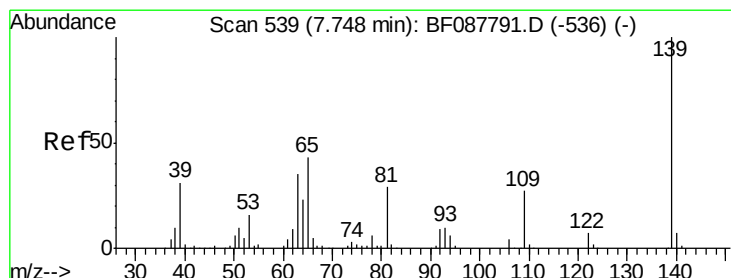
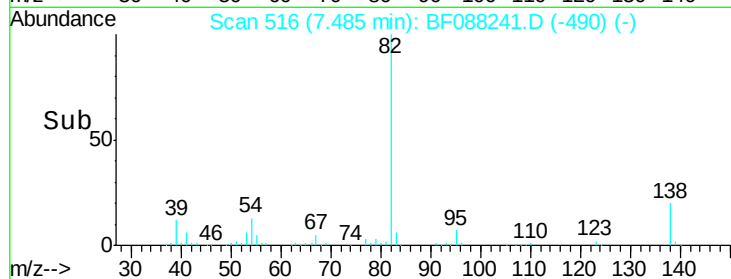
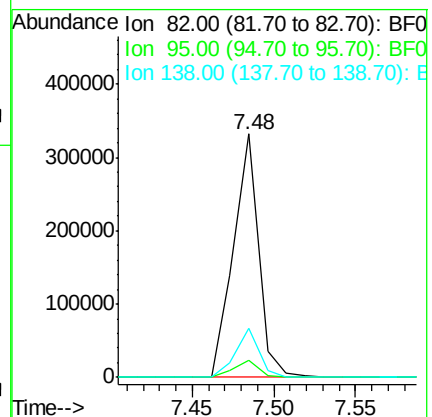
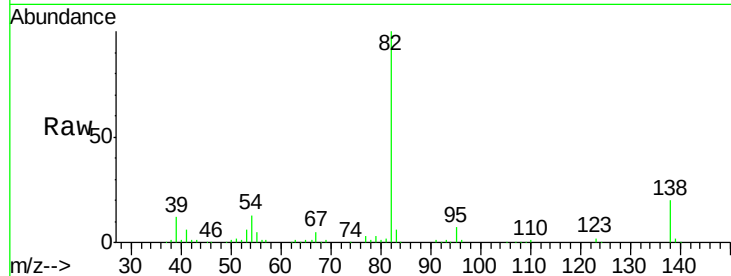
Tgt Ion: 82 Resp: 353748

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 20.4 14.6 21.8



#26

2-Nitrophenol

Concen: 31.48 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

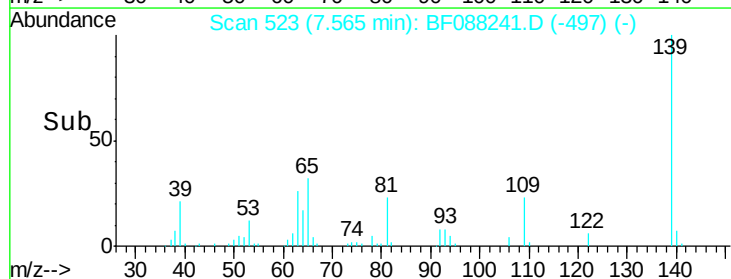
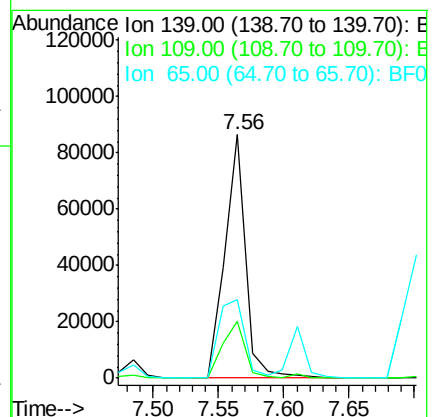
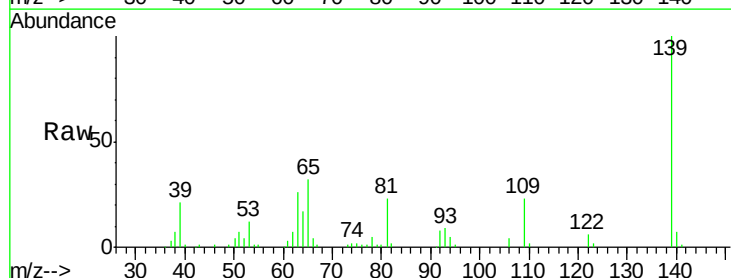
Tgt Ion: 139 Resp: 95676

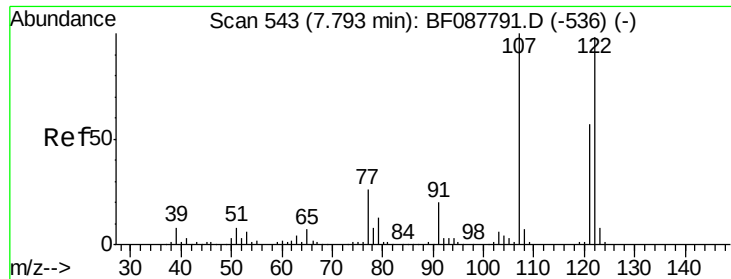
Ion Ratio Lower Upper

139 100

109 23.4 23.0 34.4

65 32.3 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 32.03 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

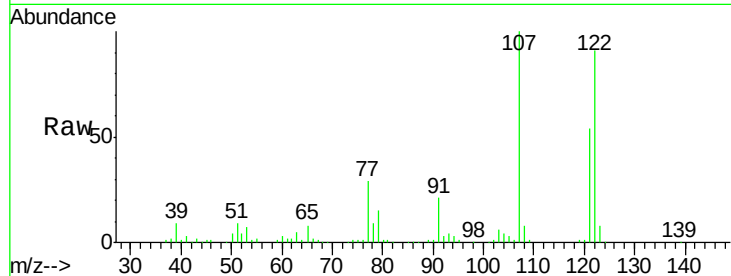
Tgt Ion:122 Resp: 179243

Ion Ratio Lower Upper

122 100

107 110.1 82.4 123.6

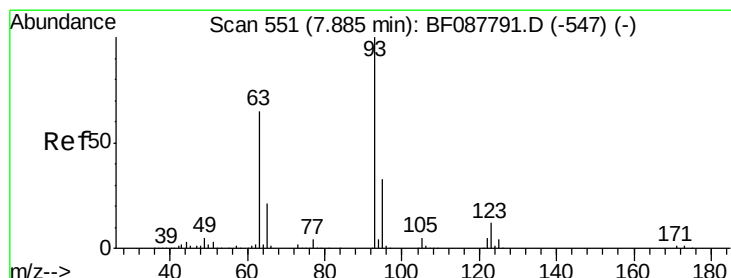
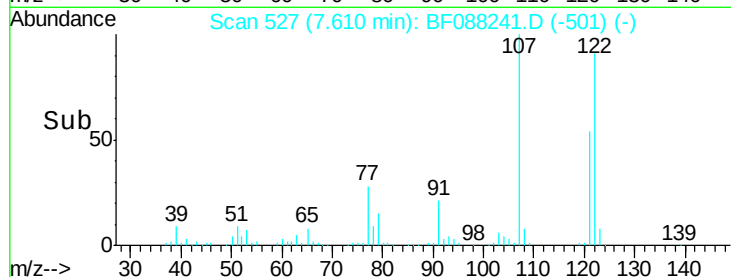
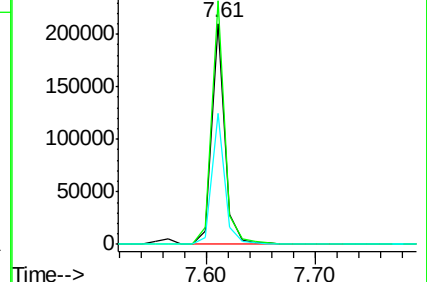
121 59.2 46.3 69.5



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: 35.14 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

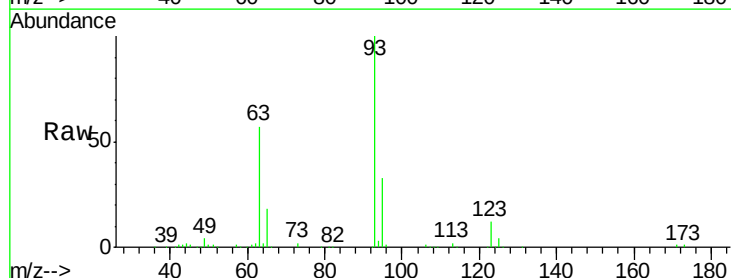
Tgt Ion: 93 Resp: 236438

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

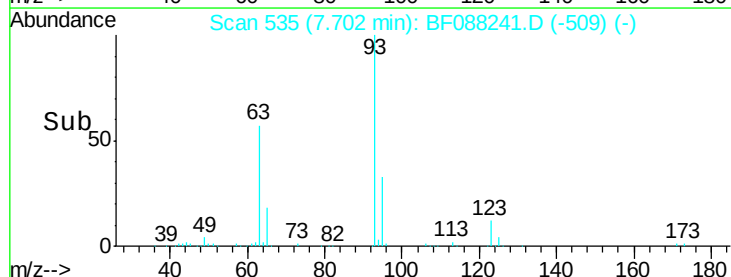
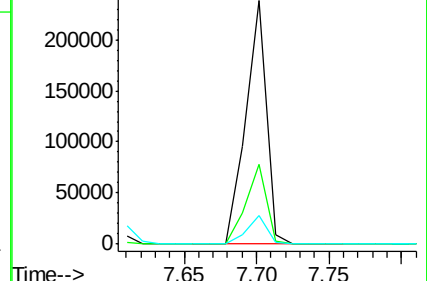
123 11.8 11.6 17.4

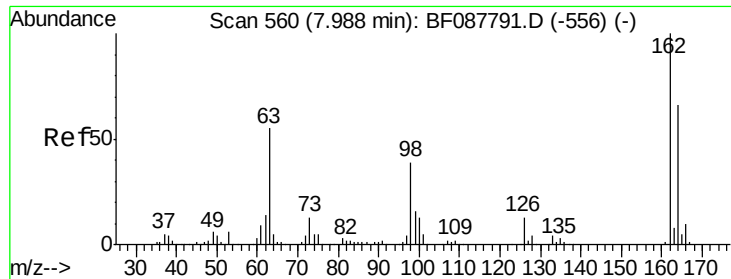


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

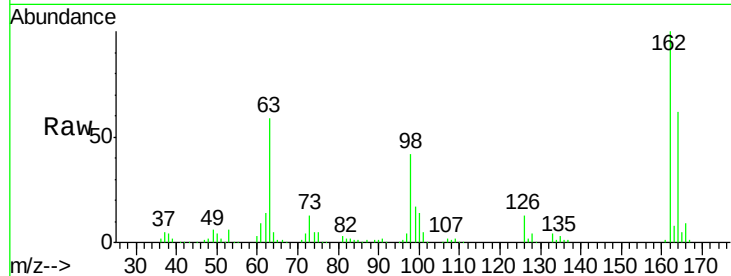




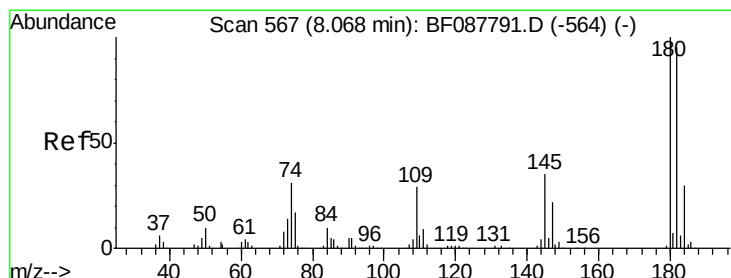
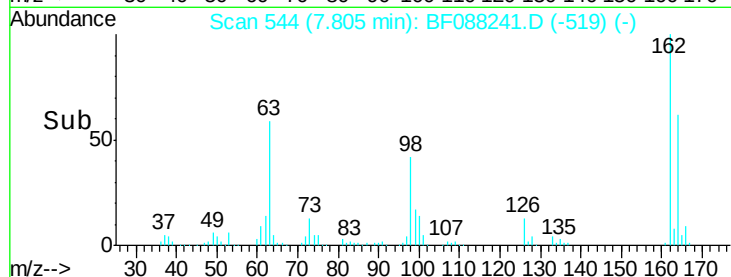
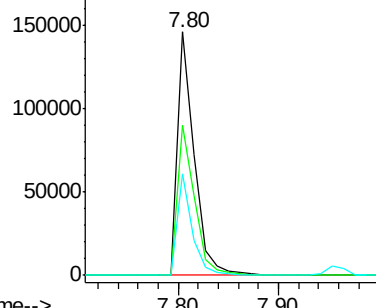
#29
 2,4-Dichlorophenol
 Concen: 36.06 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tgt Ion:162 Resp: 168480
 Ion Ratio Lower Upper
 162 100
 164 61.6 43.8 83.8
 98 41.8 21.3 61.3

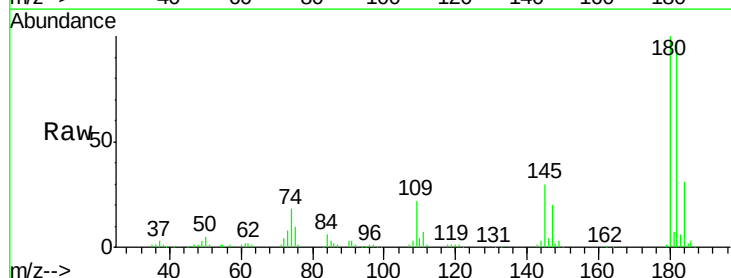


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

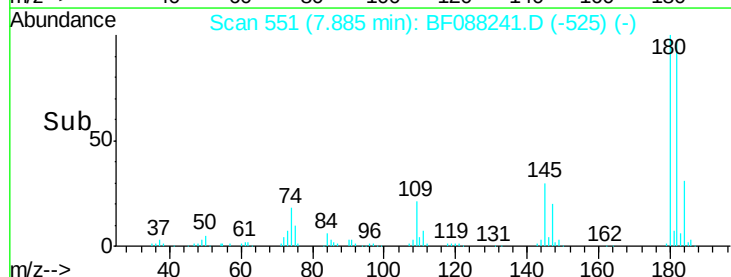
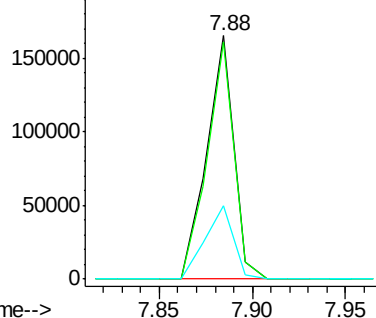


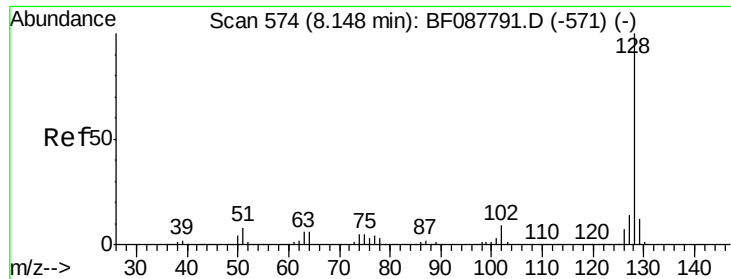
#30
 1,2,4-Trichlorobenzene
 Concen: 33.08 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:180 Resp: 168265
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.0 114.0
 145 30.1 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

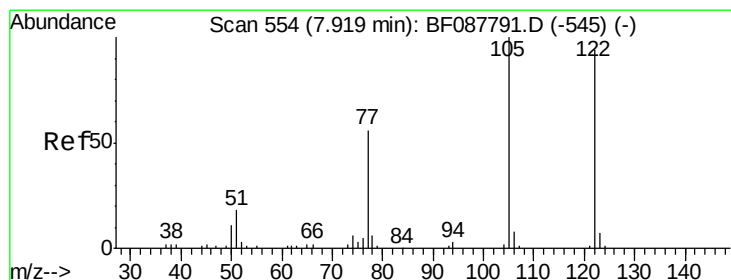
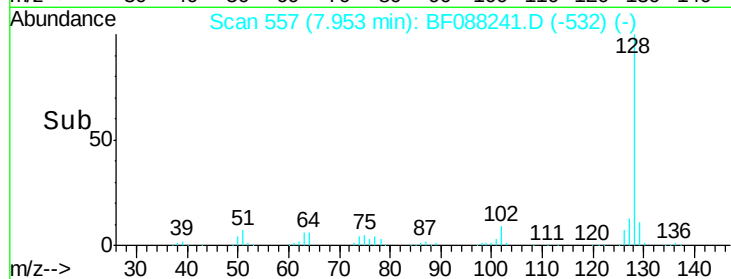
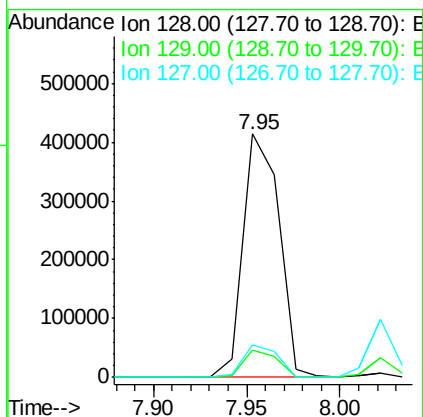
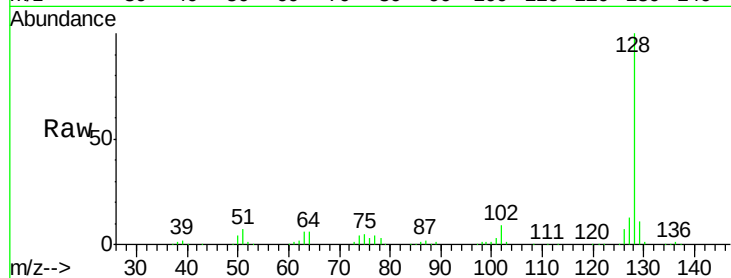




#31
Naphthalene
Concen: 32.71 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

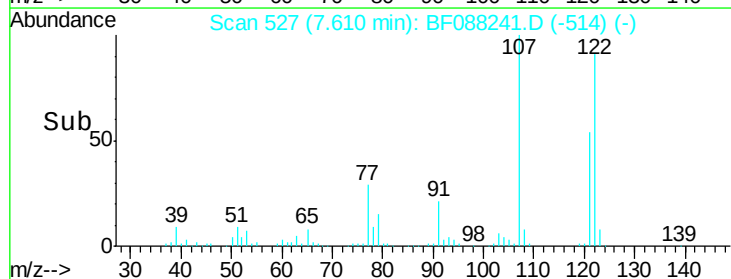
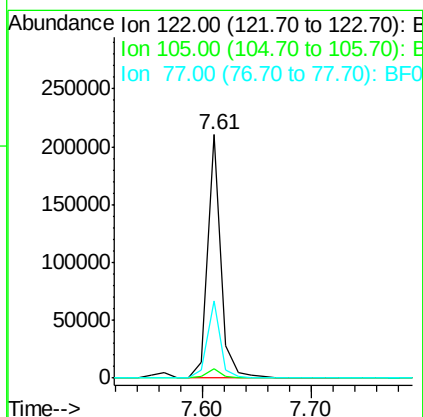
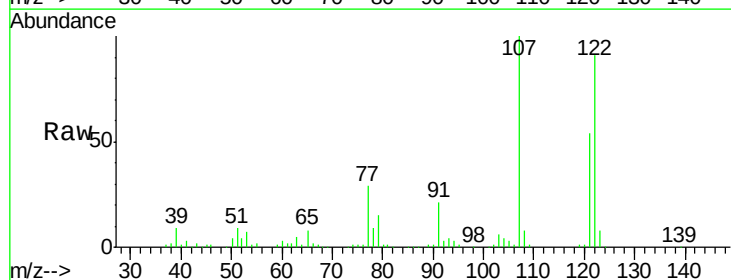
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

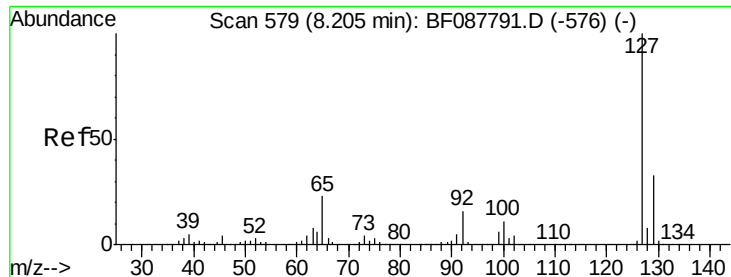
Tgt Ion:128 Resp: 553582
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 58.17 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.15 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:122 Resp: 179243
Ion Ratio Lower Upper
122 100
105 3.6 101.6 141.6#
77 31.5 70.6 110.6#

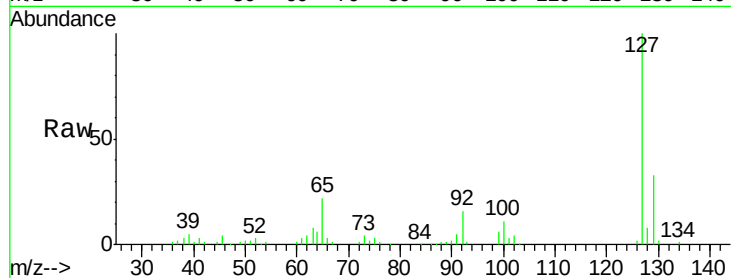




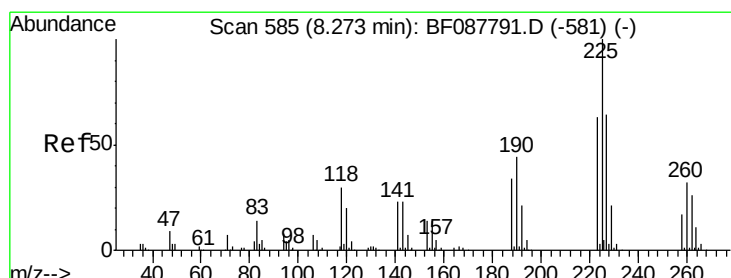
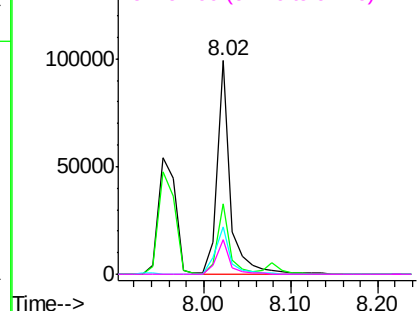
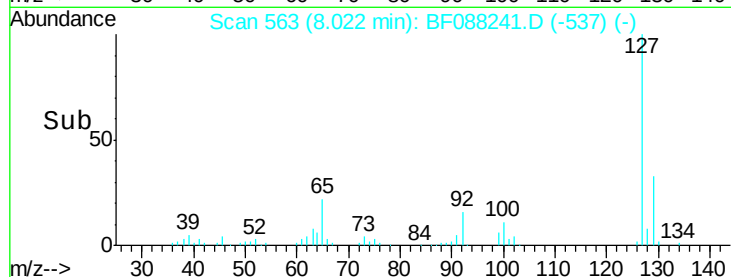
#33
4-Chloroaniline
Concen: 13.96 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tgt Ion:	127	Resp:	105495
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	22.3	24.7	37.1#
92	16.1	15.4	23.0

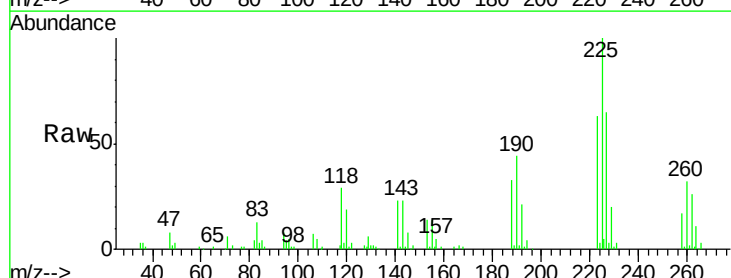


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

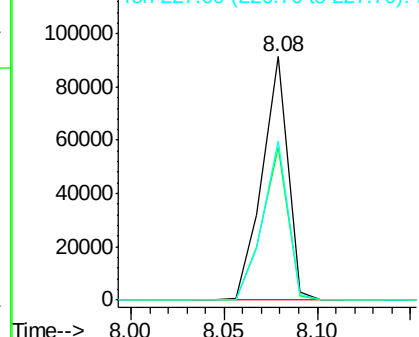
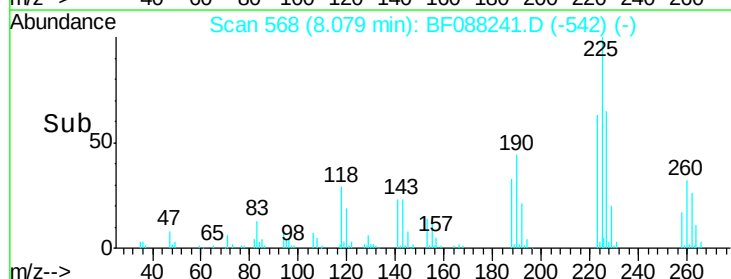


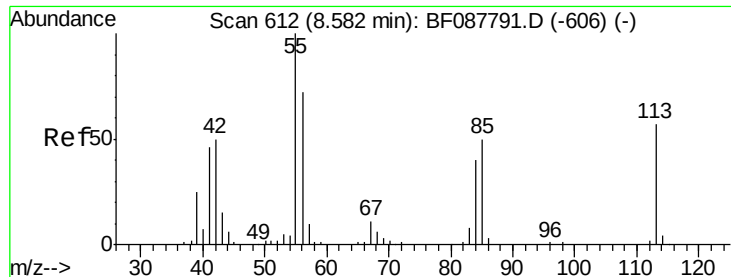
#34
Hexachlorobutadiene
Concen: 32.40 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:	225	Resp:	86916
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	65.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

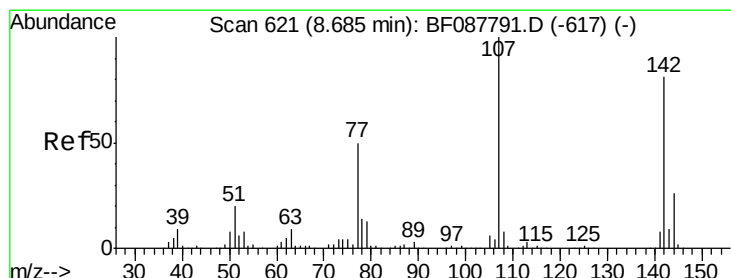
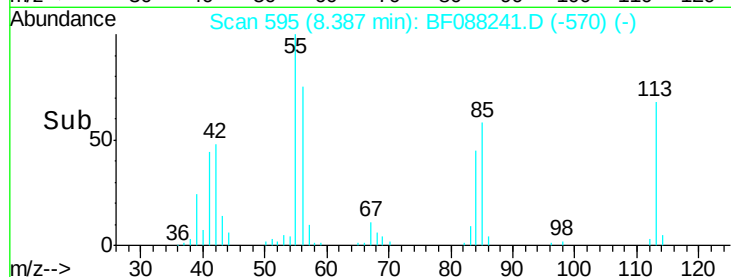
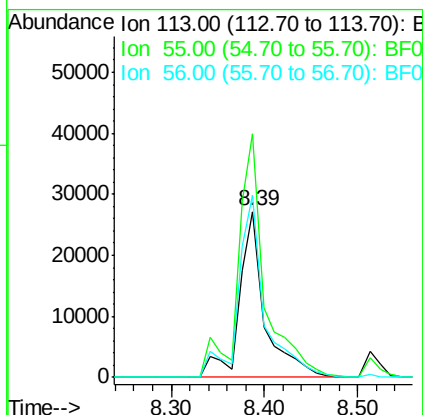
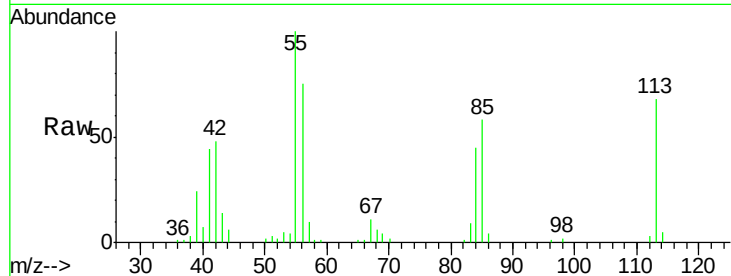




#35
 Caprolactam
 Concen: 33.39 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

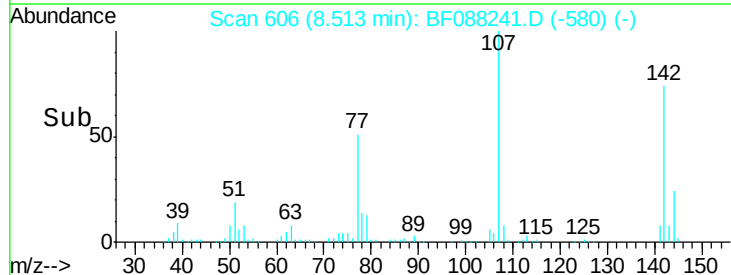
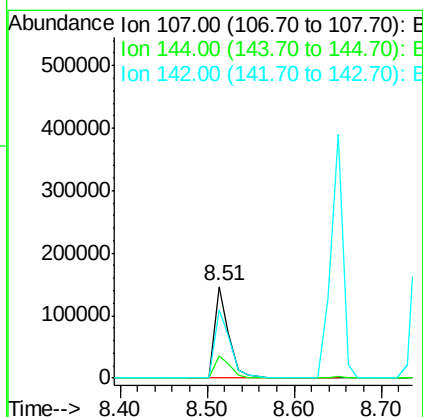
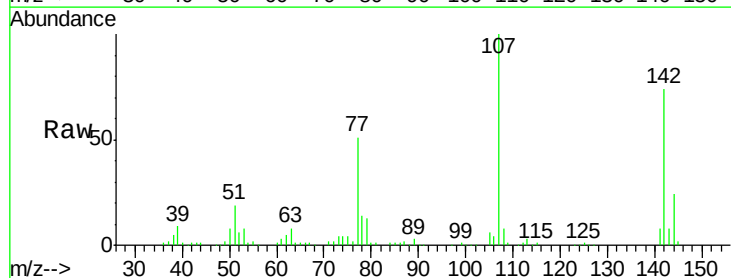
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

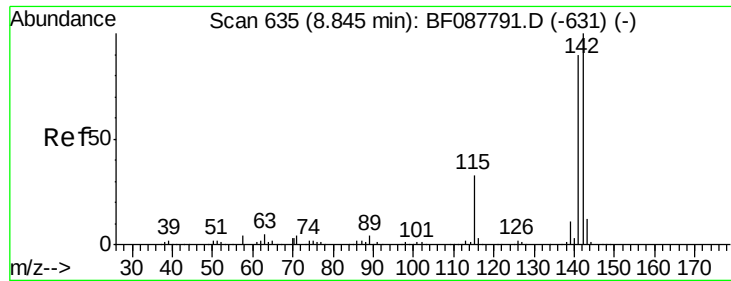
Tgt Ion:113 Resp: 51672
 Ion Ratio Lower Upper
 113 100
 55 147.0 158.6 198.6#
 56 109.7 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 33.56 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:107 Resp: 167679
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.8 31.2
 142 74.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 33.26 ng

RT: 8.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

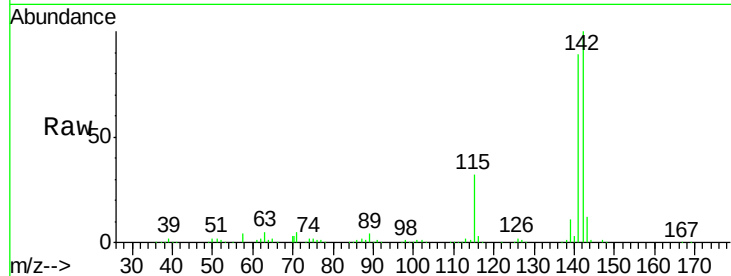
Tgt Ion:142 Resp: 370978

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

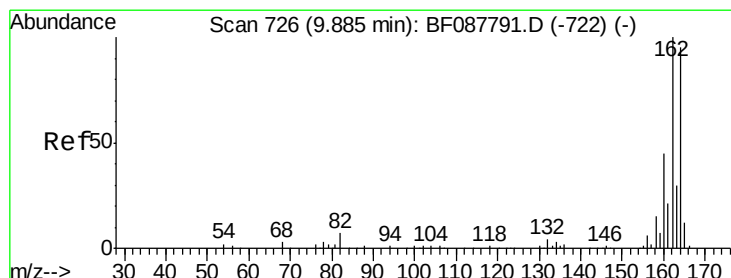
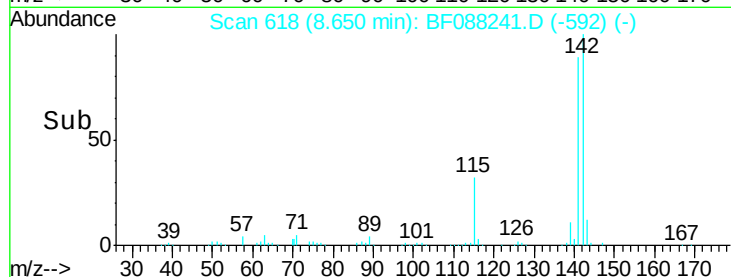
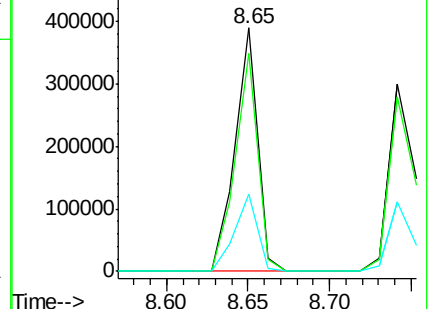
115 31.9 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

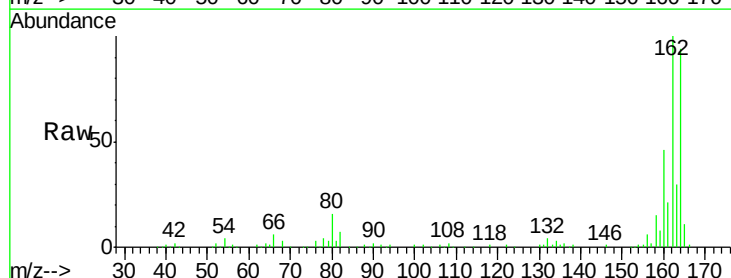
Tgt Ion:164 Resp: 158188

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

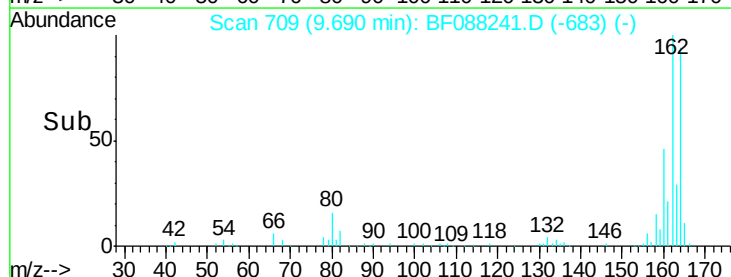
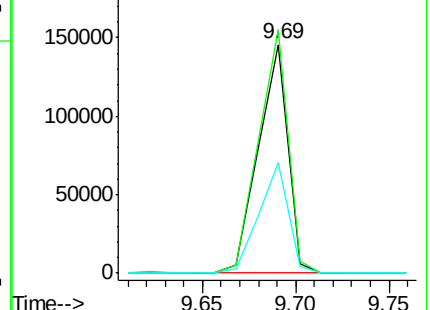
160 48.5 39.5 59.3

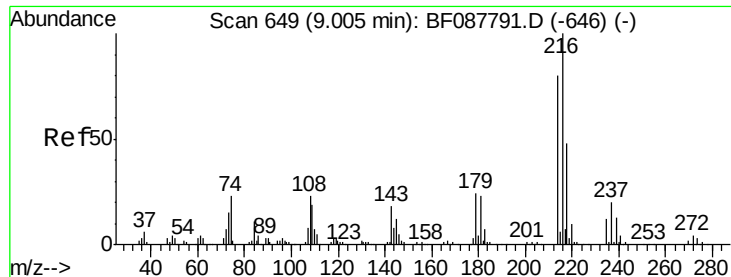


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.74 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tgt Ion:216 Resp: 150921

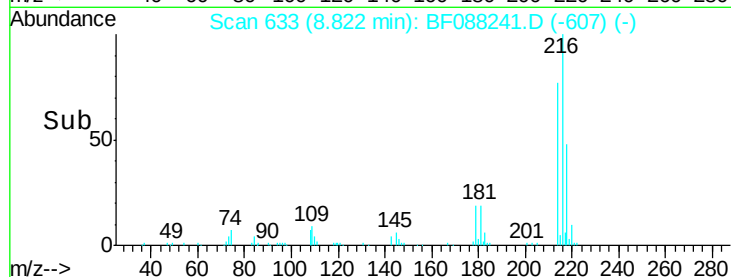
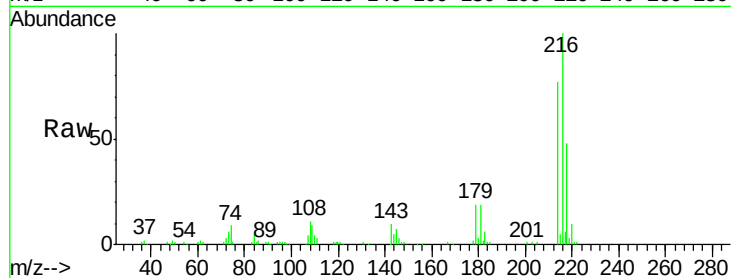
Ion Ratio Lower Upper

216 100

214 78.0 2.9 4.3#

179 21.6 0.0 0.0#

108 19.7 0.5 0.7#

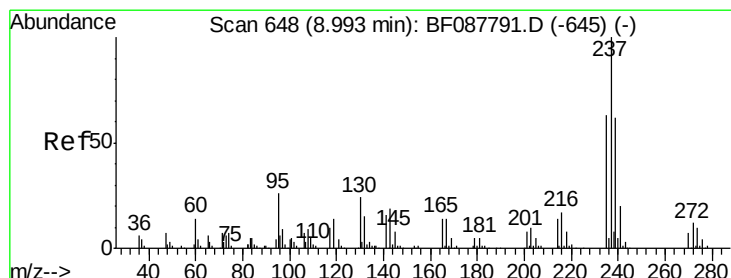
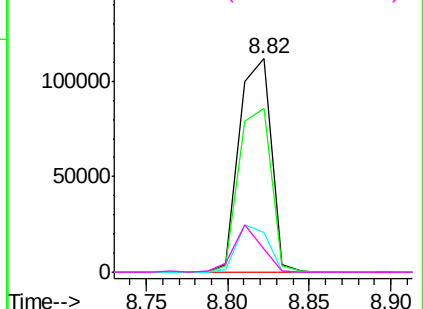


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.36 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

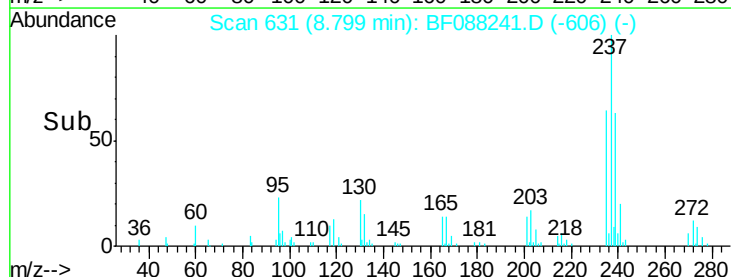
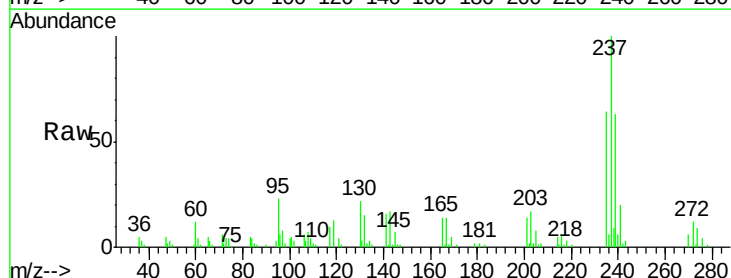
Tgt Ion:237 Resp: 51939

Ion Ratio Lower Upper

237 100

235 64.0 43.4 83.4

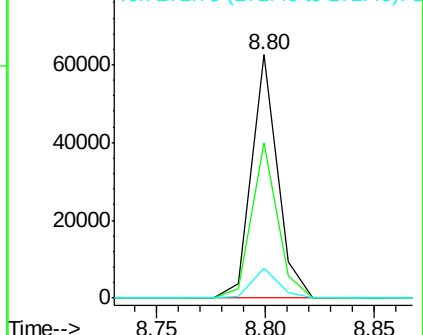
272 12.3 0.0 32.3

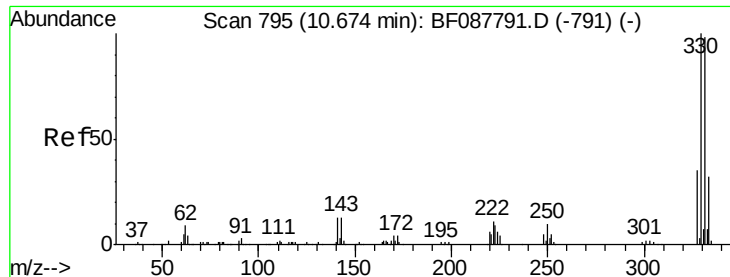


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

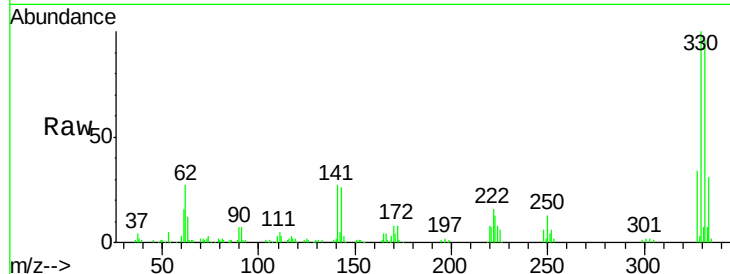




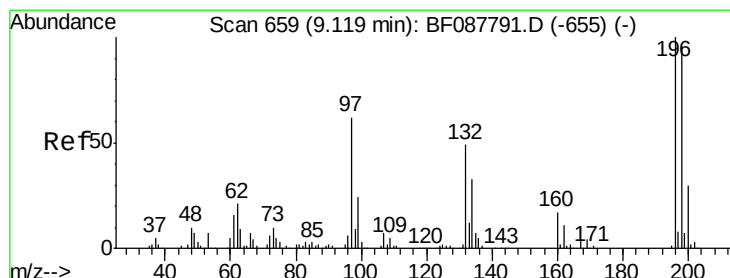
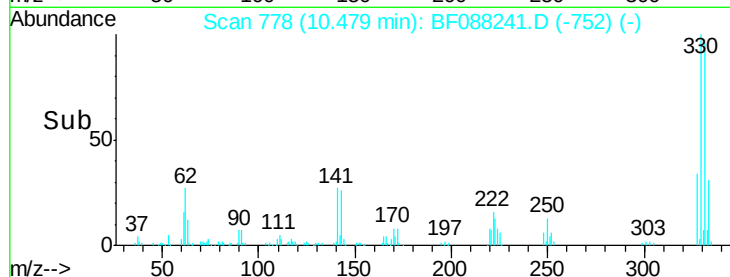
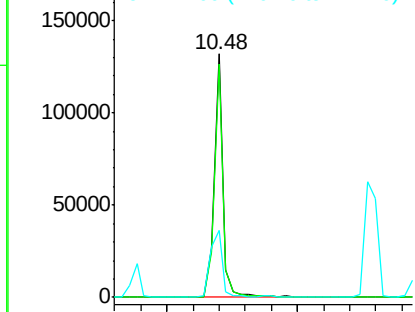
#41
 2,4,6-Tribromophenol
 Concen: 76.15 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tgt Ion:330 Resp: 127199
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 37.4 0.0 0.0#

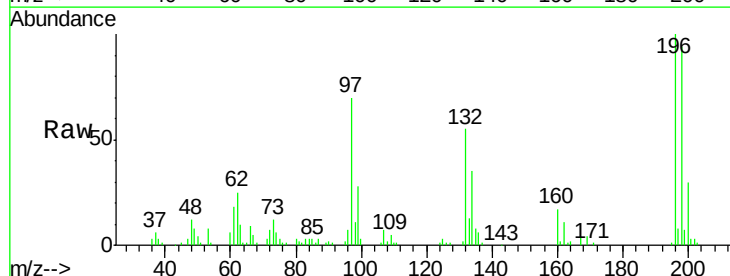


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

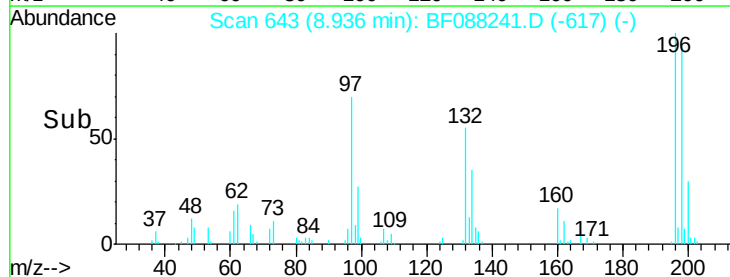
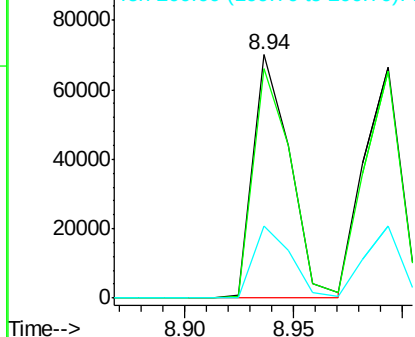


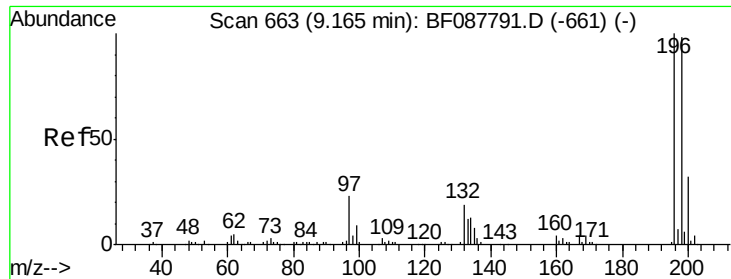
#42
 2,4,6-Trichlorophenol
 Concen: 26.16 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:196 Resp: 82740
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.0 117.0
 200 29.7 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

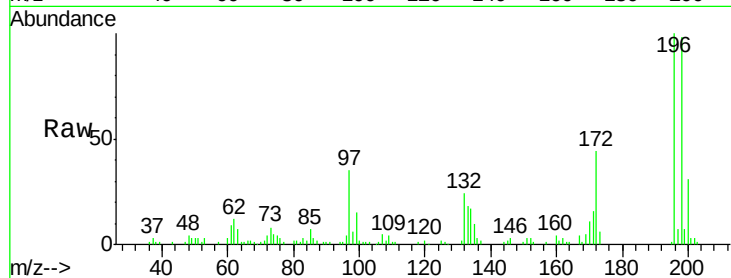




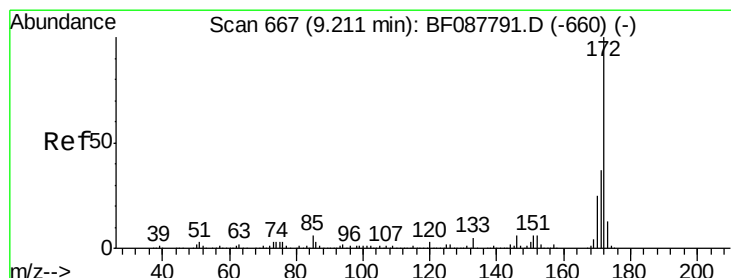
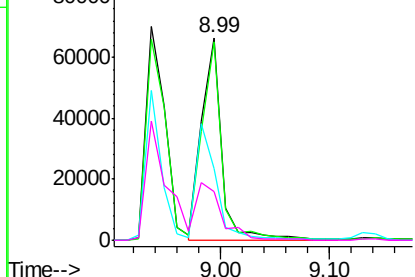
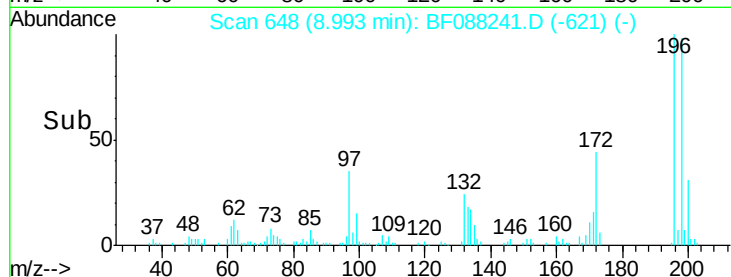
#43
 2,4,5-Trichlorophenol
 Concen: 26.50 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tgt Ion:196 Resp: 87218
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.5 116.3
 97 35.4 32.0 48.0
 132 24.3 20.9 31.3

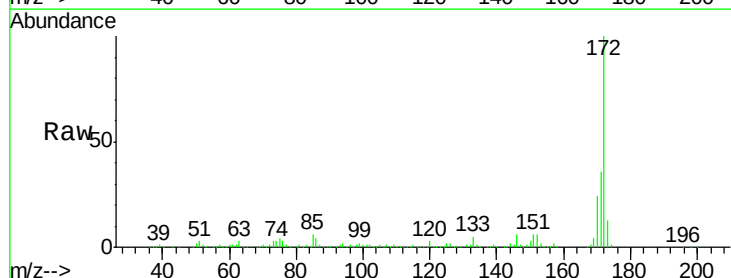


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

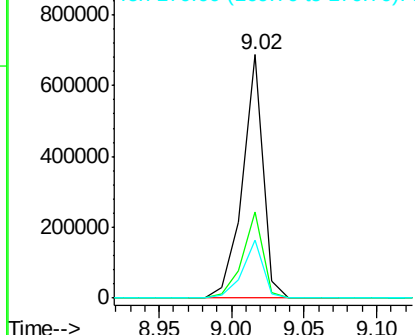
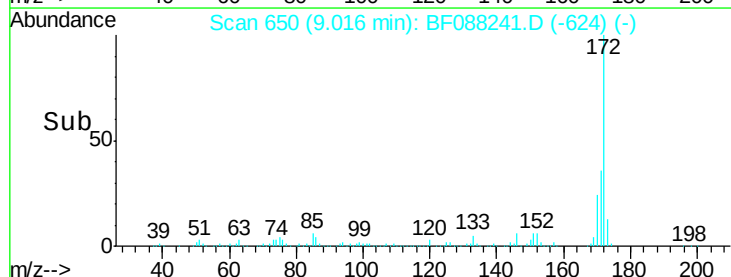


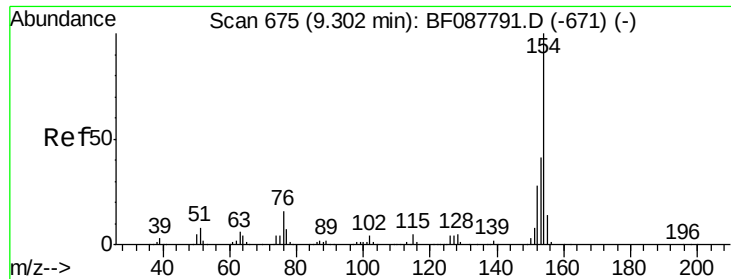
#44
 2-Fluorobiphenyl
 Concen: 65.54 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:172 Resp: 672689
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.8 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

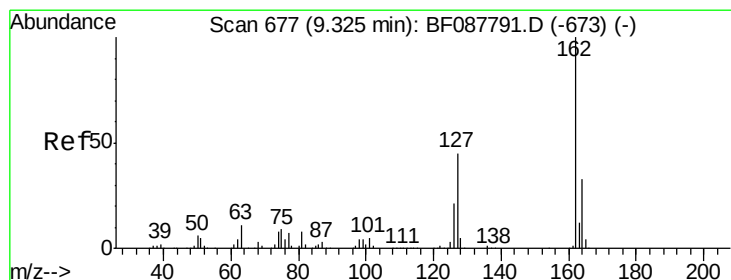
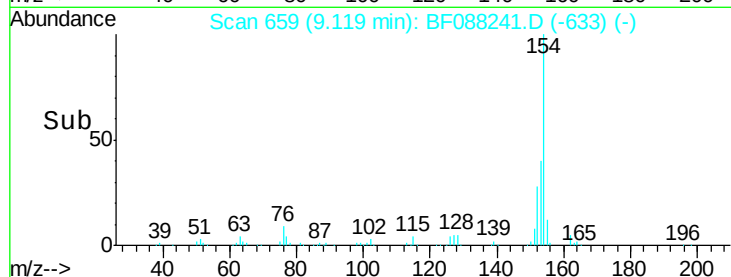
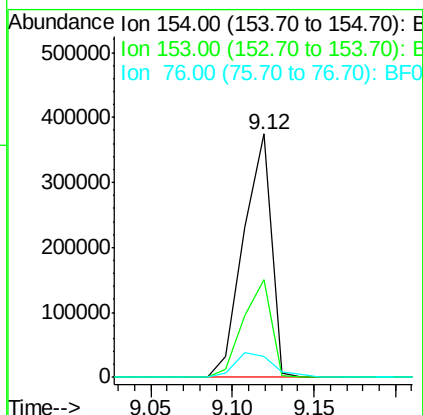
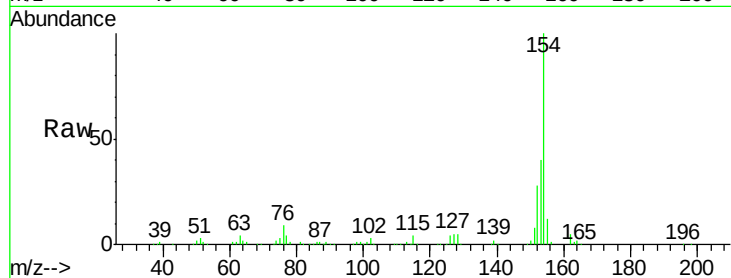




#45
 1,1'-Biphenyl
 Concen: 35.93 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

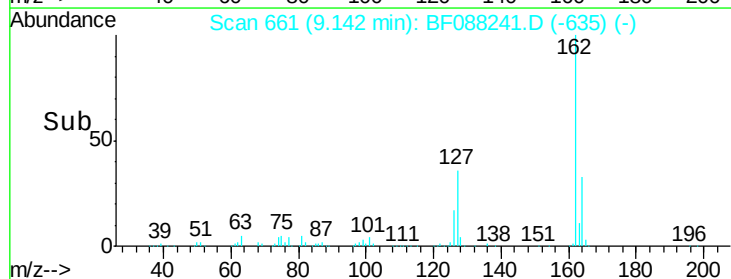
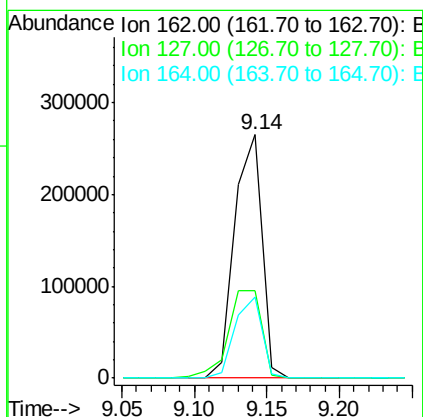
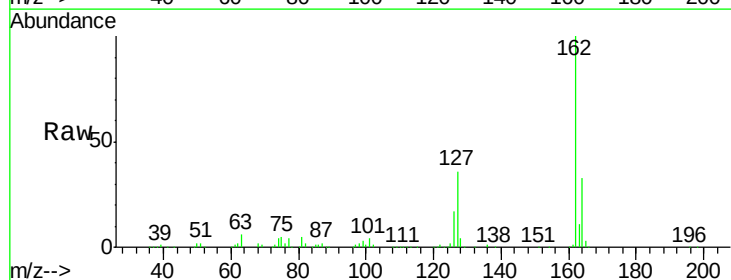
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

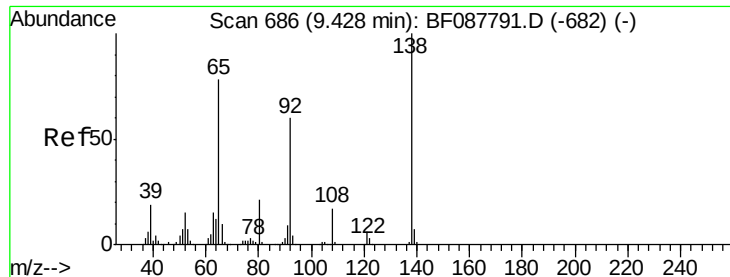
Tgt Ion:	154	Resp:	441440
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	8.8	0.0	35.1



#46
 2-Chloronaphthalene
 Concen: 33.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:	162	Resp:	347675
Ion	Ratio	Lower	Upper
162	100		
127	35.7	35.2	52.8
164	33.4	26.6	39.8





#47

2-Nitroaniline

Concen: 33.31 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

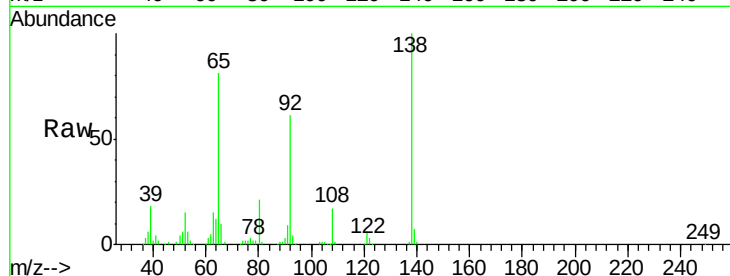
Tgt Ion: 65 Resp: 100600

Ion Ratio Lower Upper

65 100

92 75.4 54.6 82.0

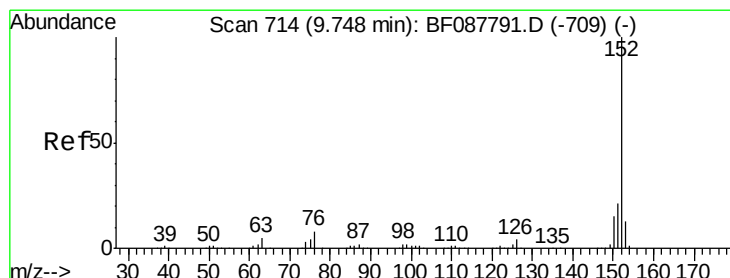
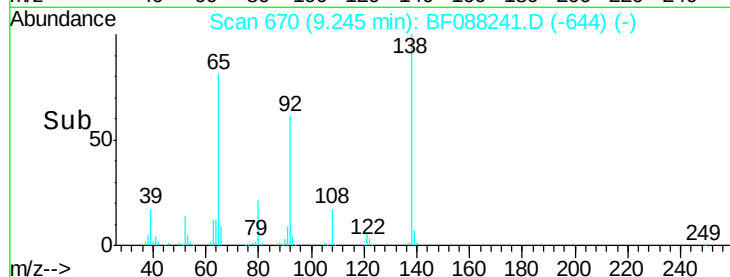
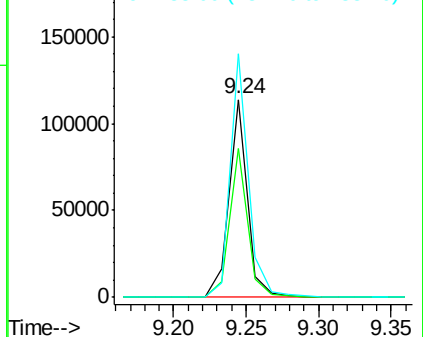
138 123.1 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 32.73 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

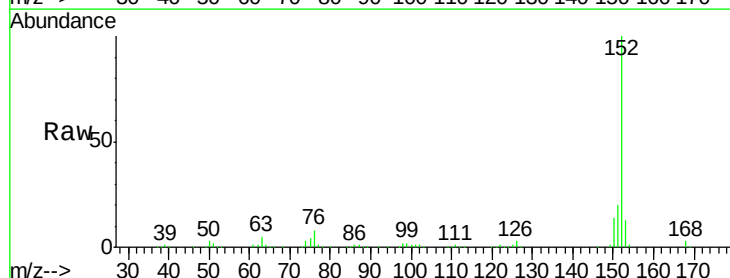
Tgt Ion: 152 Resp: 532933

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

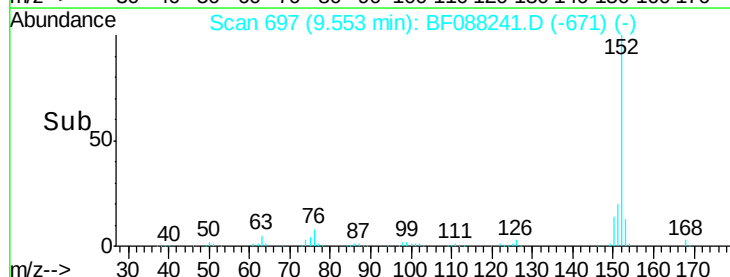
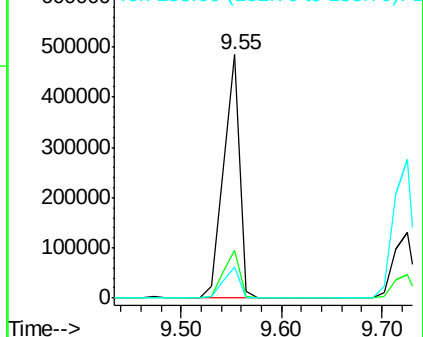
153 12.9 11.0 16.6

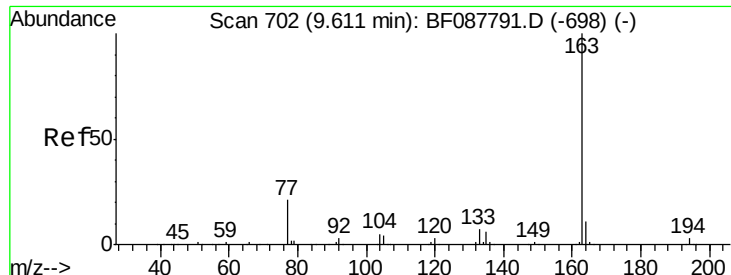


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 58.00 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

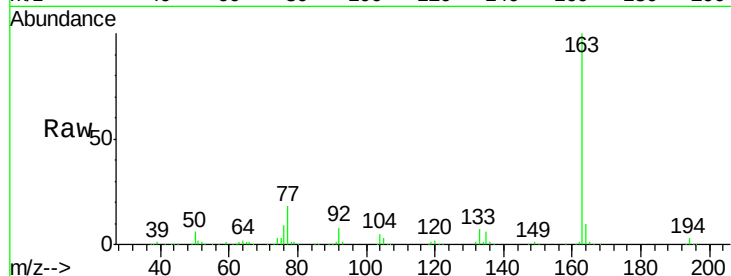
Tgt Ion:163 Resp: 664592

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

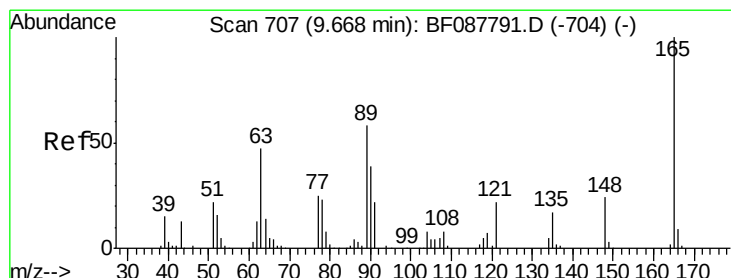
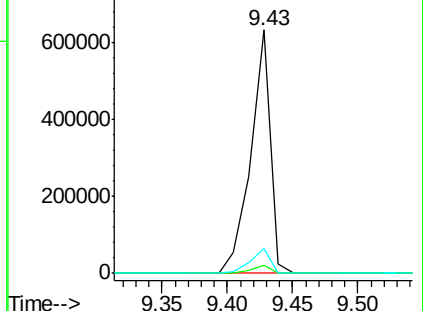
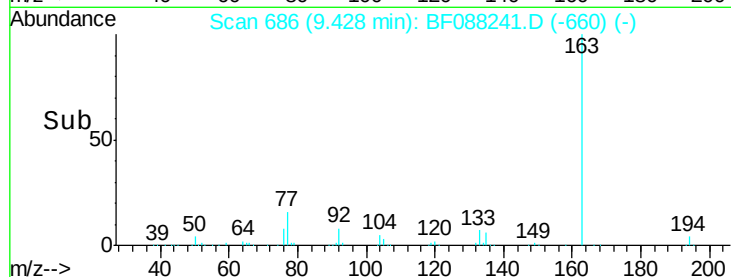
164 10.3 8.3 12.5



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: 32.96 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

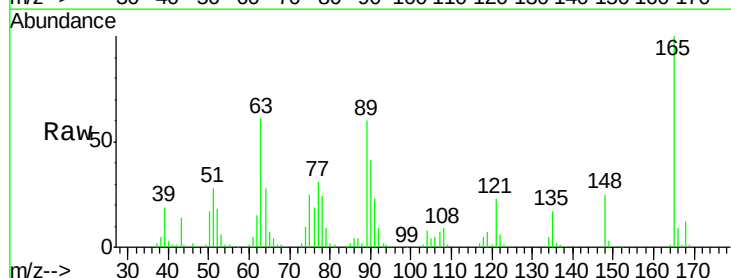
Tgt Ion:165 Resp: 86492

Ion Ratio Lower Upper

165 100

63 60.8 28.1 42.1#

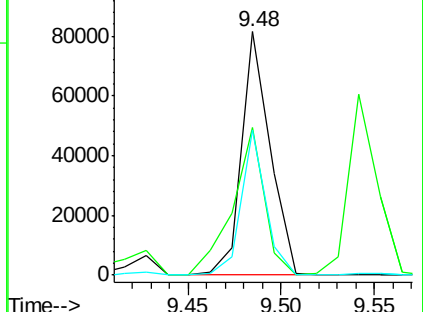
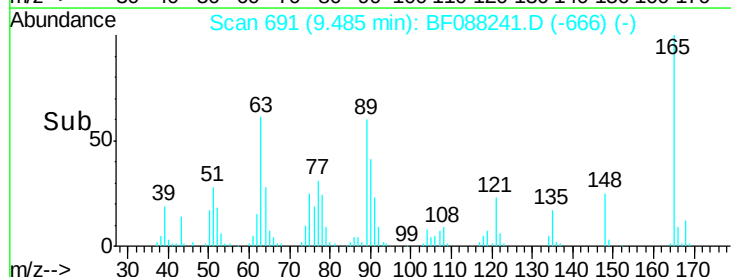
89 59.8 32.2 48.2#

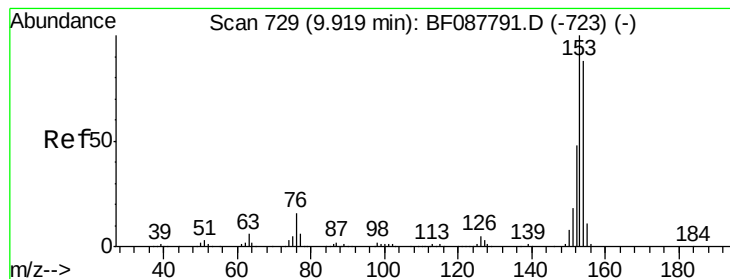


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.79 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

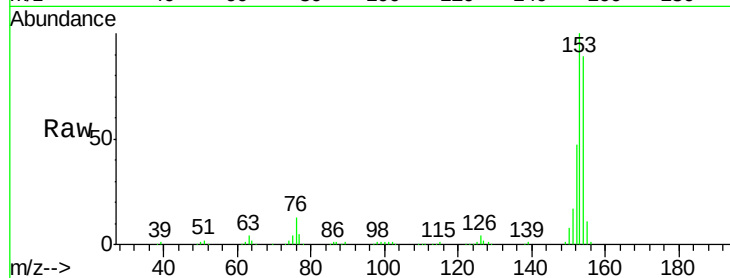
Tgt Ion:154 Resp: 312708

Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

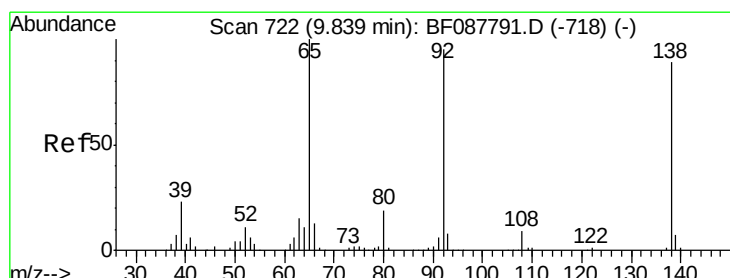
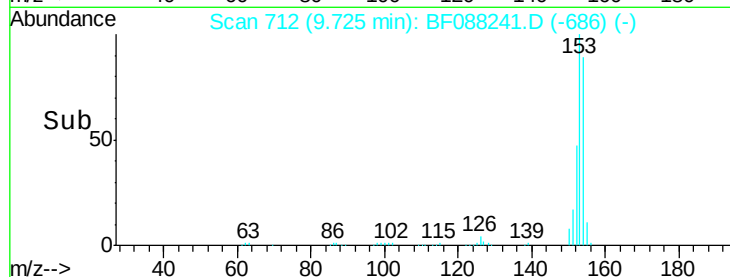
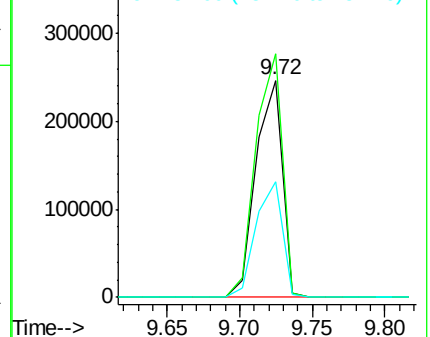
152 53.0 42.7 64.1



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: 24.06 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

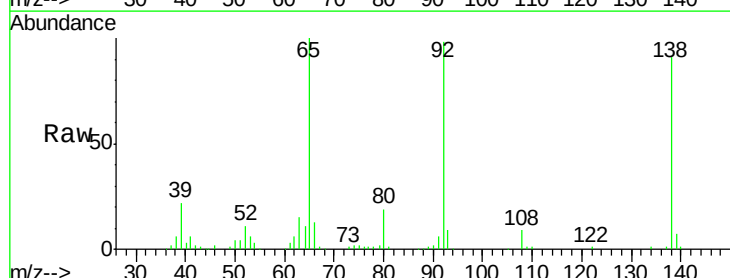
Tgt Ion:138 Resp: 72858

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

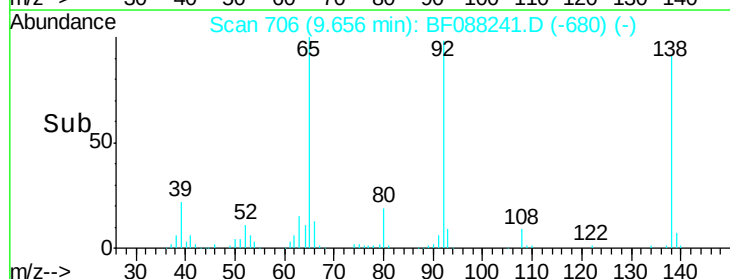
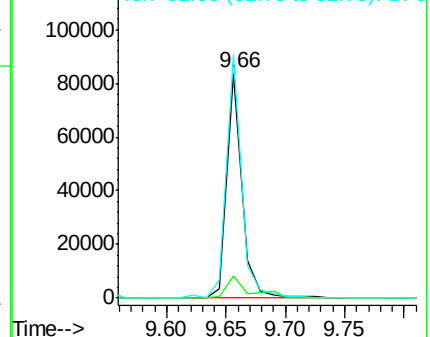
92 108.5 95.7 143.5

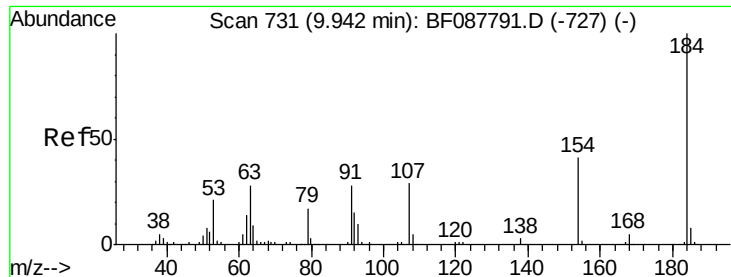


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

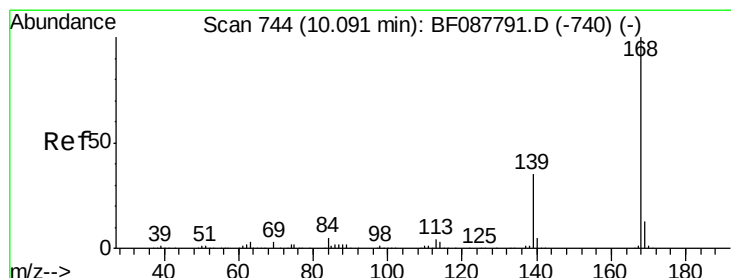
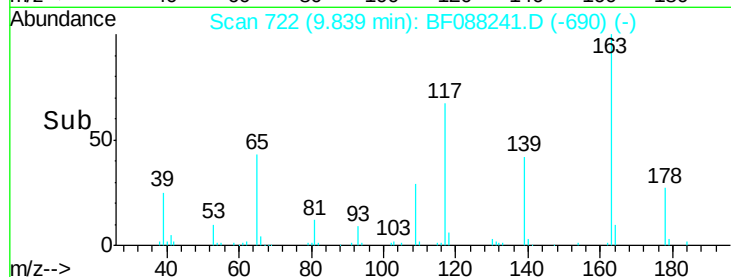
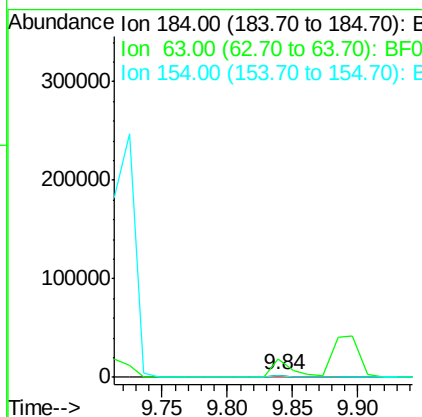
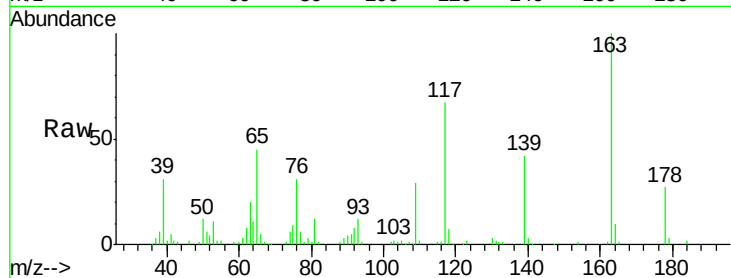




#53
 2,4-Dinitrophenol
 Concen: 6.07 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.07 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

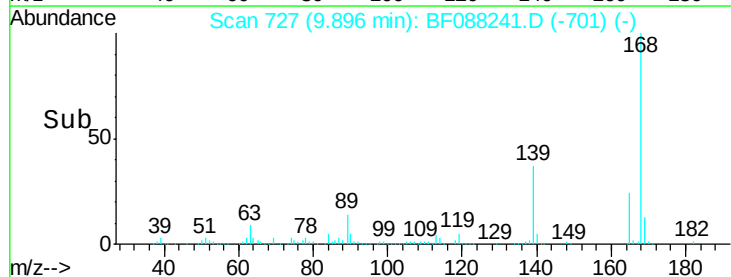
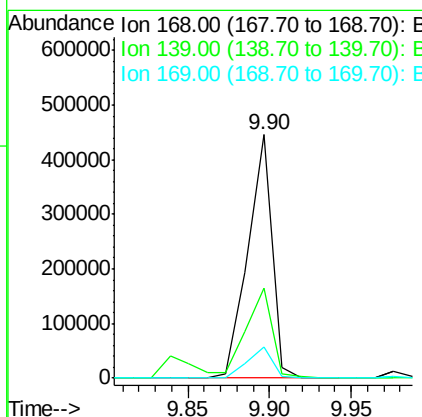
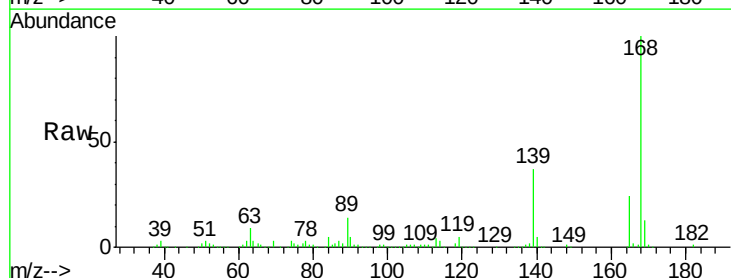
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

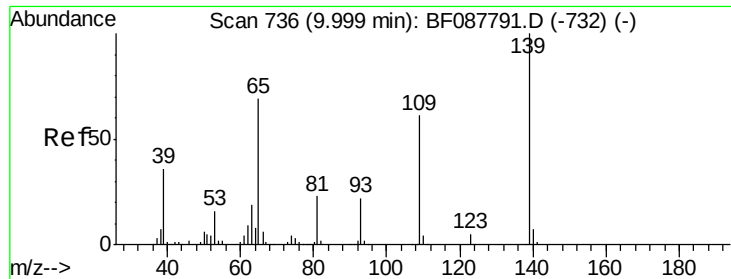
Tgt Ion:184 Resp: 3531
 Ion Ratio Lower Upper
 184 100
 63 1035.6 57.6 86.4#
 154 71.9 53.5 80.3



#54
 Dibenzofuran
 Concen: 32.66 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:168 Resp: 456804
 Ion Ratio Lower Upper
 168 100
 139 36.7 26.4 39.6
 169 13.0 10.4 15.6

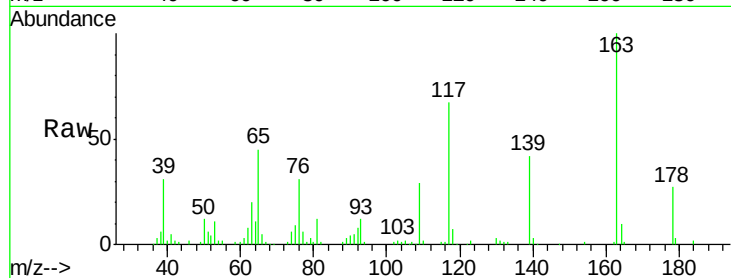




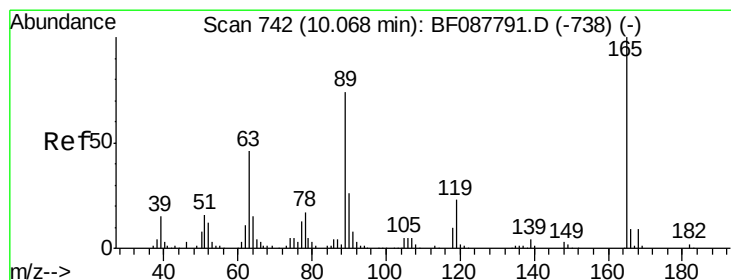
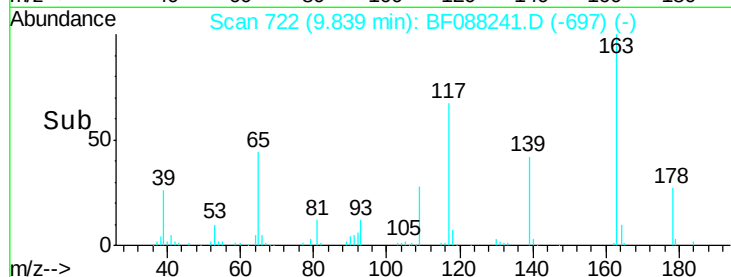
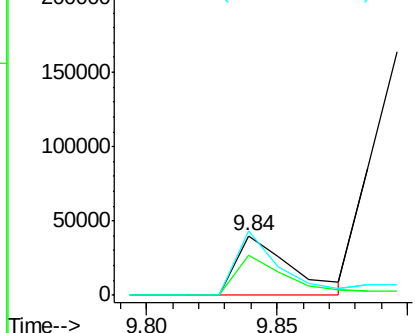
#55
4-Nitrophenol
Concen: 25.14 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tgt Ion:139 Resp: 59093
Ion Ratio Lower Upper
139 100
109 67.5 48.9 88.9
65 106.8 84.9 124.9



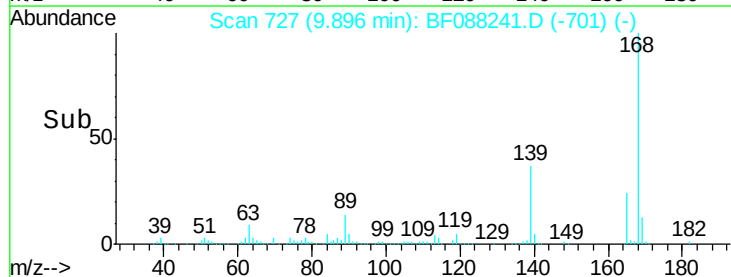
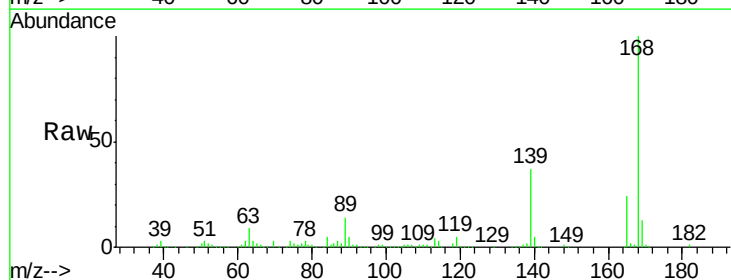
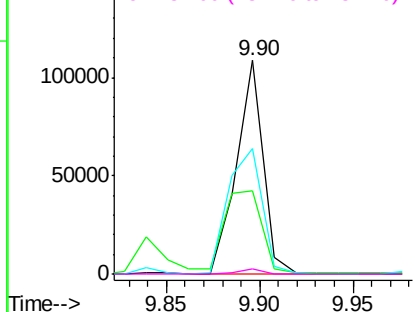
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

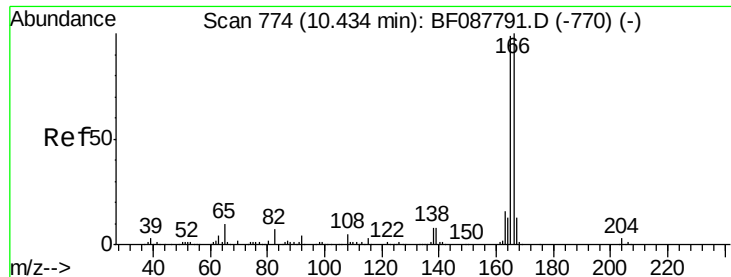


#56
2,4-Dinitrotoluene
Concen: 32.24 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:165 Resp: 108717
Ion Ratio Lower Upper
165 100
63 38.9 22.0 33.0#
89 59.0 41.1 61.7
182 2.4 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

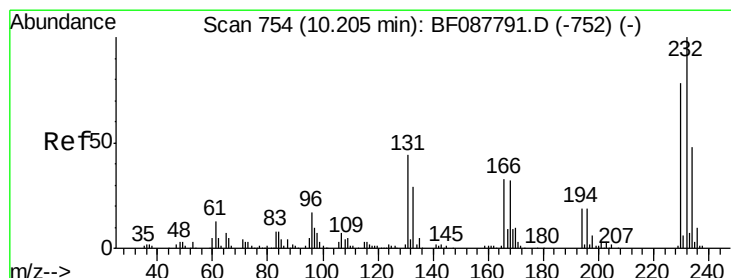
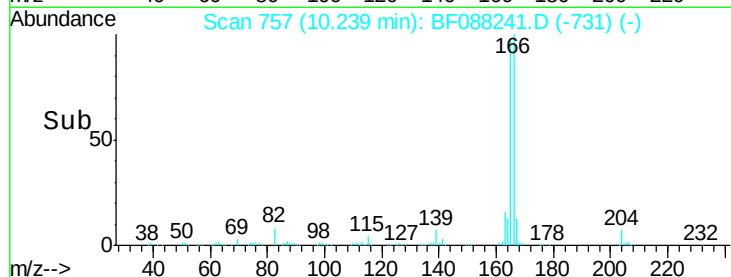
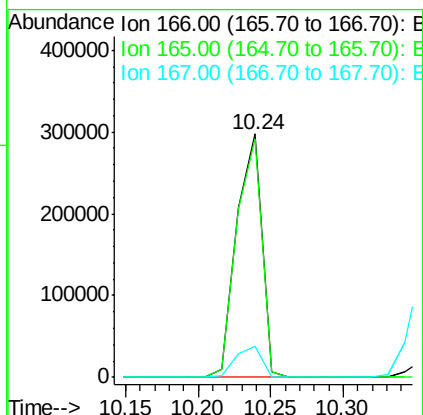
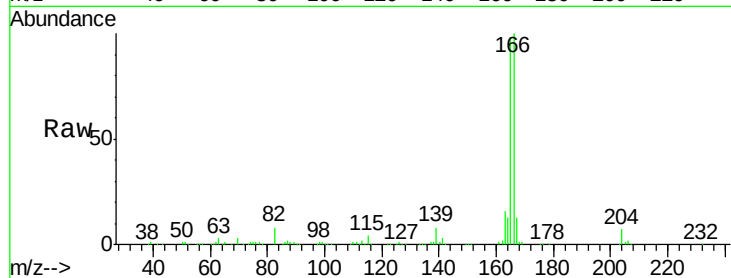




#57
 Fluorene
 Concen: 37.11 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

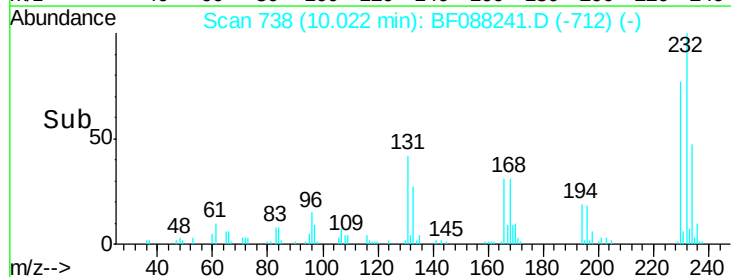
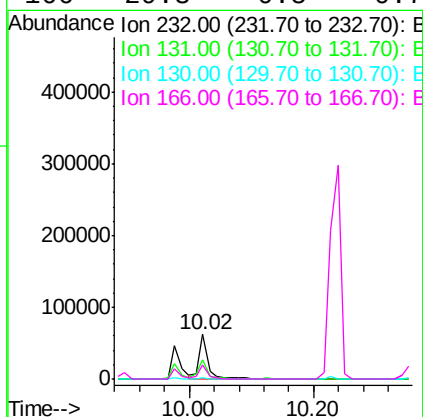
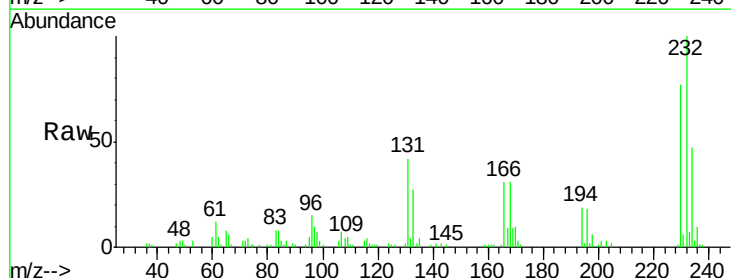
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

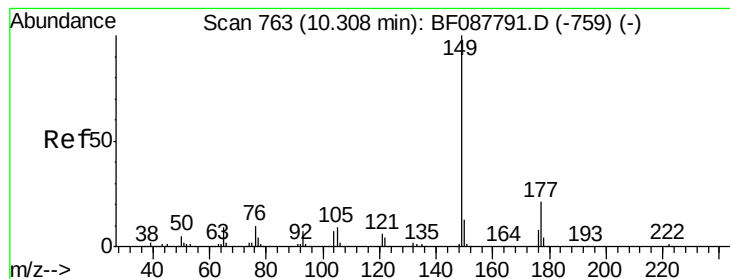
Tgt Ion:166 Resp: 358835
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.8 116.8
 167 13.0 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.84 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:232 Resp: 64254
 Ion Ratio Lower Upper
 232 100
 131 44.7 0.9 1.3#
 130 1.9 1.5 2.3
 166 29.3 0.5 0.7#





#59

Diethylphthalate

Concen: 34.99 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

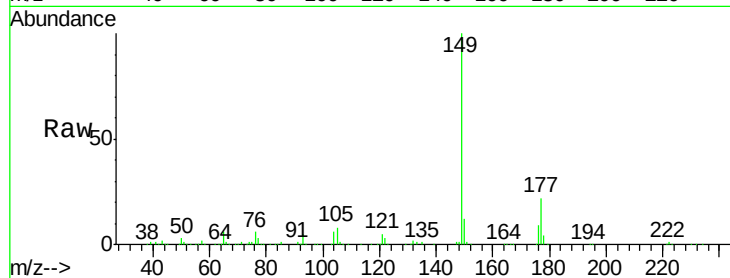
Tgt Ion:149 Resp: 405814

Ion Ratio Lower Upper

149 100

177 22.3 16.9 25.3

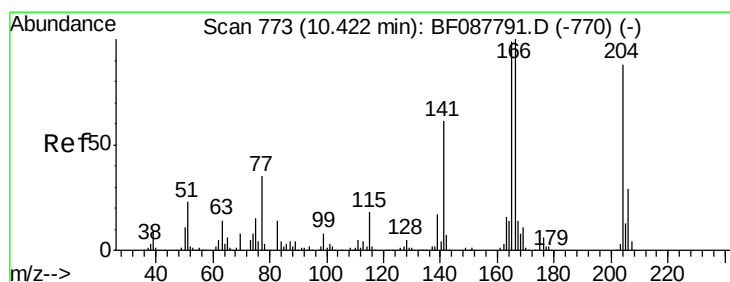
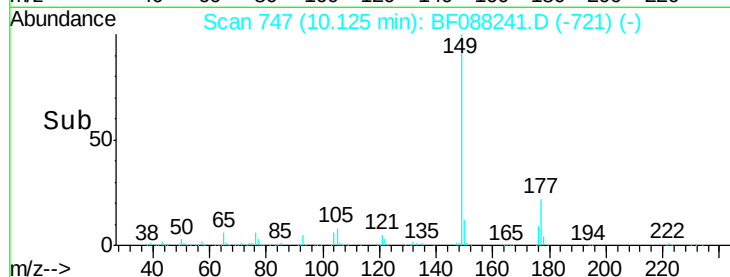
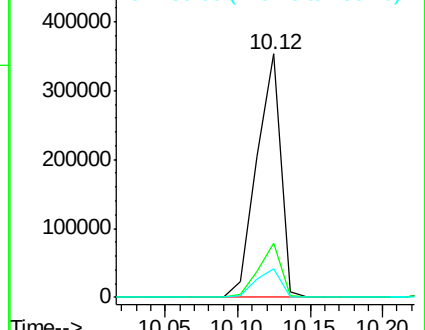
150 12.0 10.1 15.1



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: 33.74 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

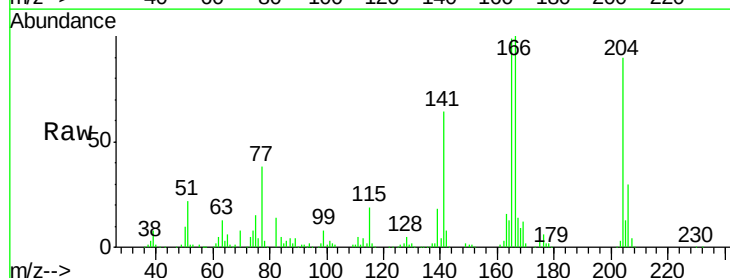
Tgt Ion:204 Resp: 156955

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

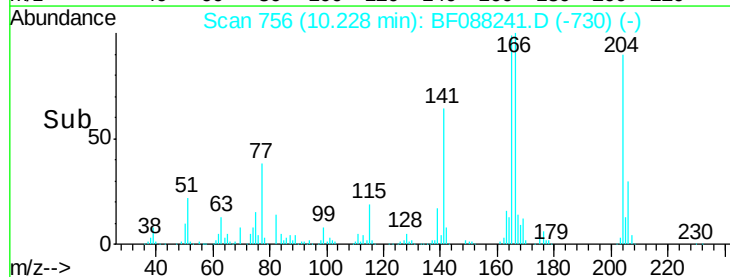
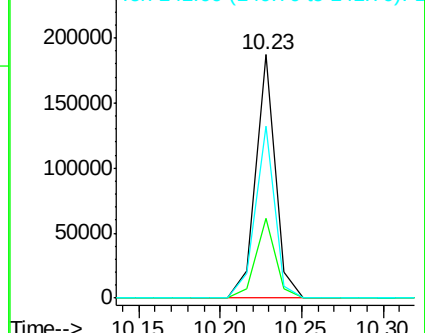
141 70.9 55.0 82.6

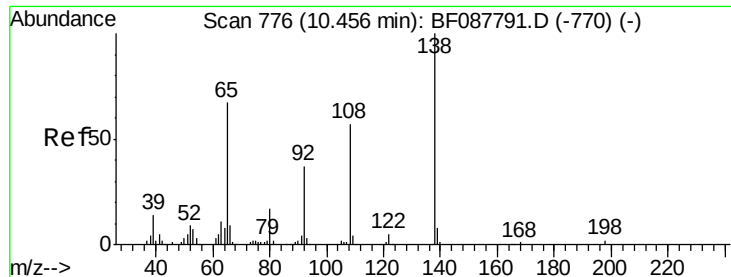


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

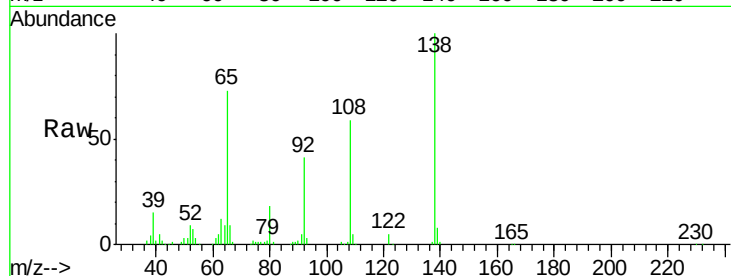




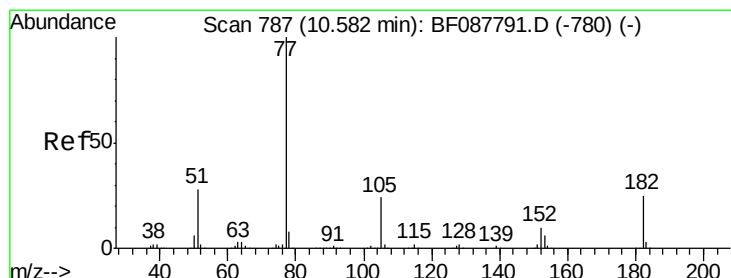
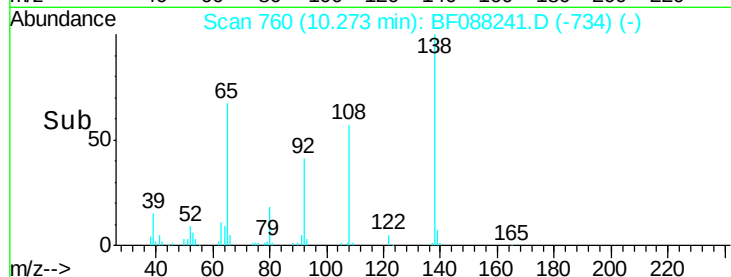
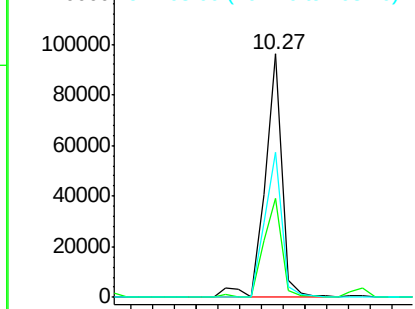
#61
4-Nitroaniline
Concen: 36.65 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tgt Ion: 138 Resp: 105257
Ion Ratio Lower Upper
138 100
92 40.6 27.3 67.3
108 59.5 46.7 86.7

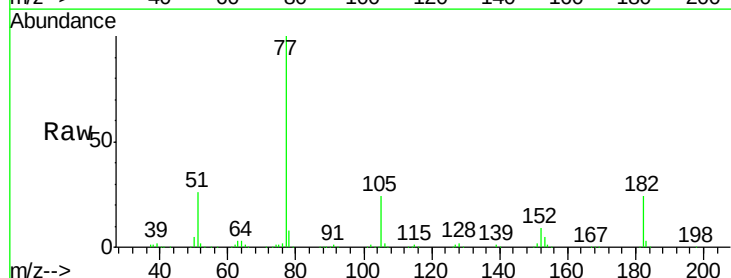


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

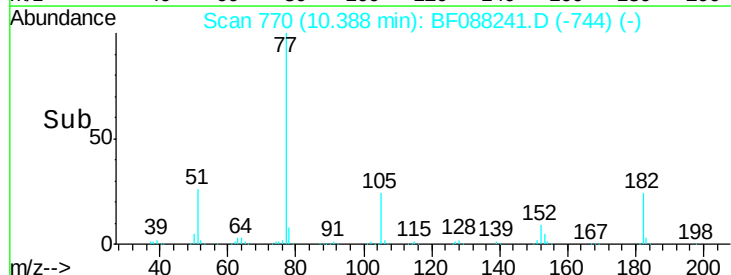
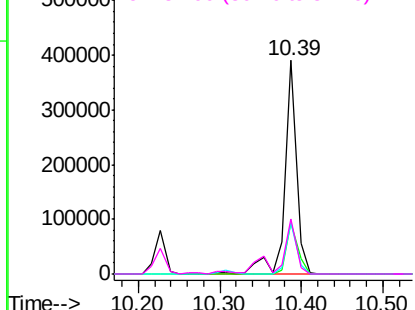


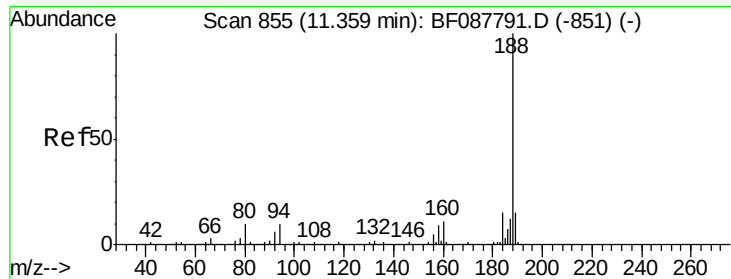
#62
Azobenzene
Concen: 33.88 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion: 77 Resp: 388612
Ion Ratio Lower Upper
77 100
182 24.0 4.4 44.4
105 24.0 3.8 43.8
51 25.9 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

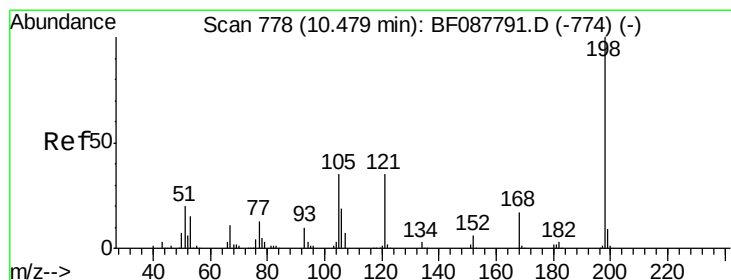
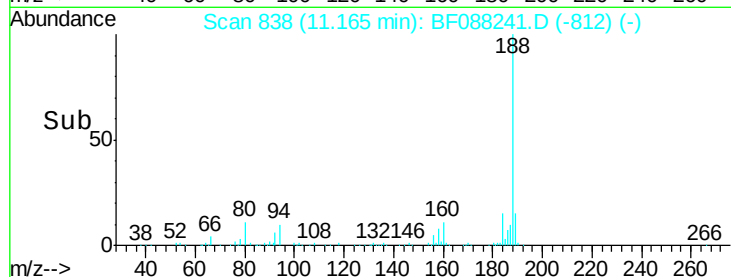
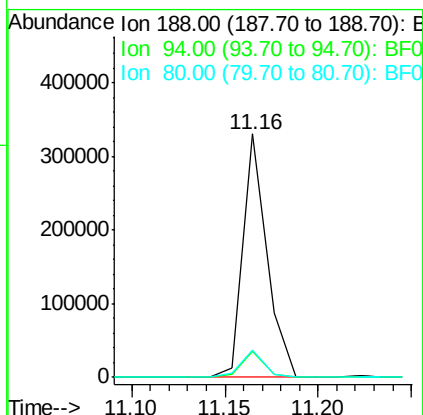
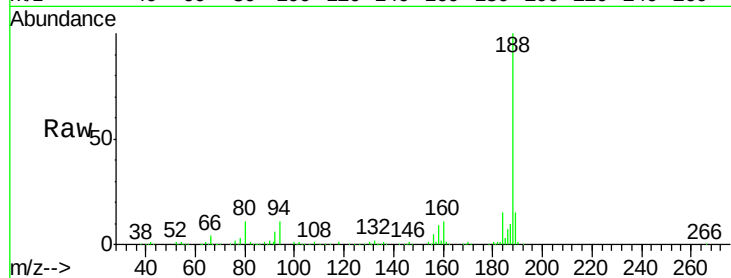




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

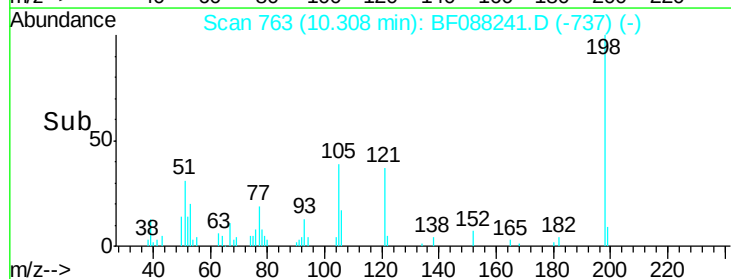
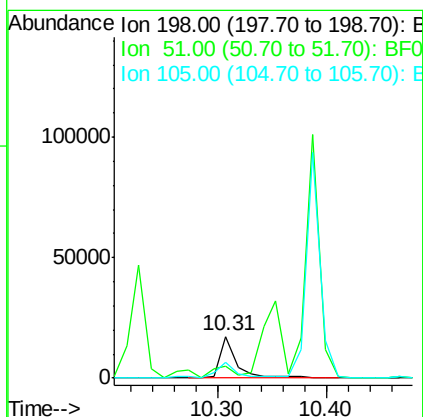
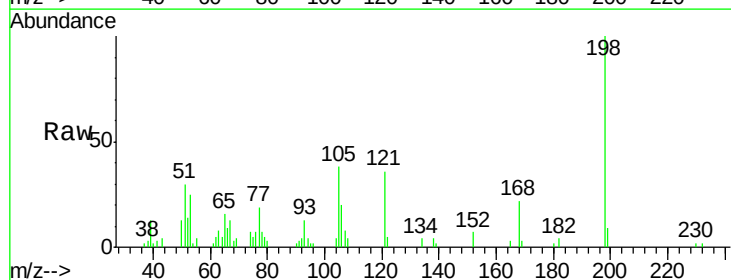
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

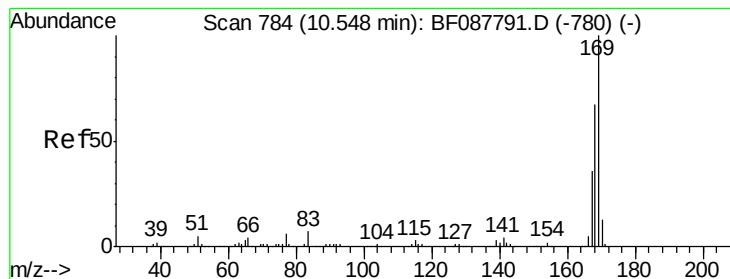
Tgt Ion:188 Resp: 295963
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.6
80 11.0 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 11.70 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:198 Resp: 18456
Ion Ratio Lower Upper
198 100
51 30.4 39.6 79.6#
105 38.0 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 34.92 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

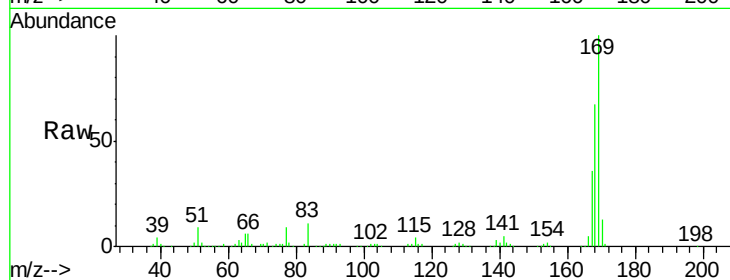
Tgt Ion:169 Resp: 342939

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

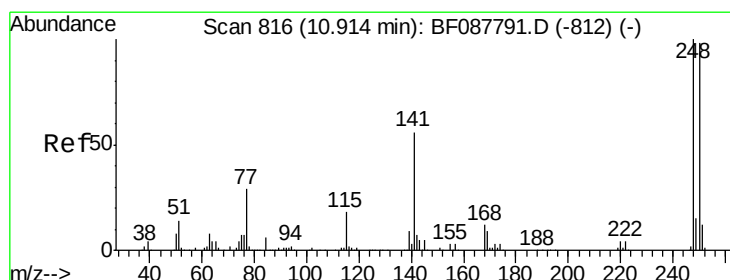
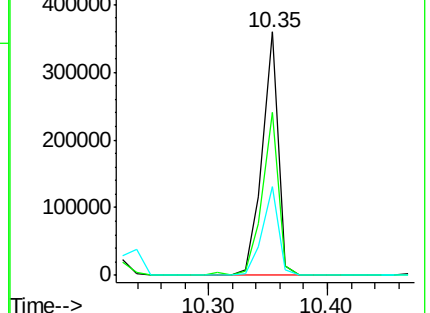
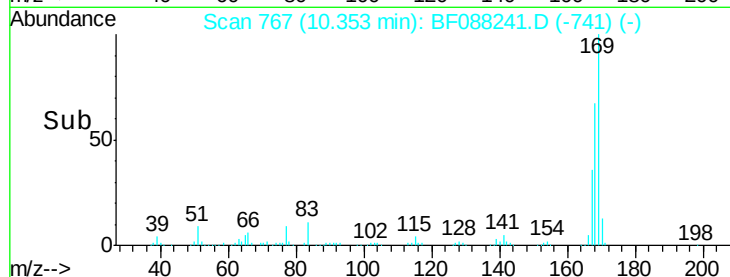
167 36.4 29.4 44.0



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: 32.12 ng

RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

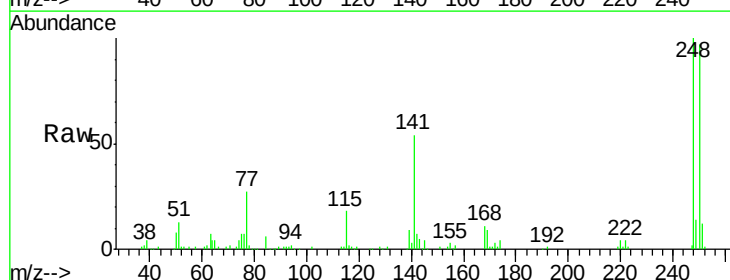
Tgt Ion:248 Resp: 102001

Ion Ratio Lower Upper

248 100

250 96.9 77.1 115.7

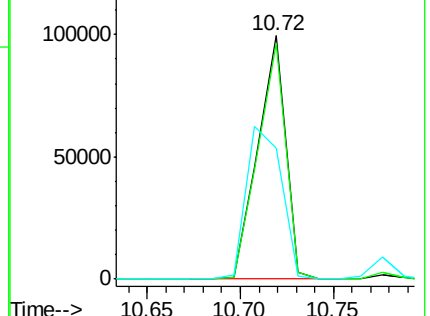
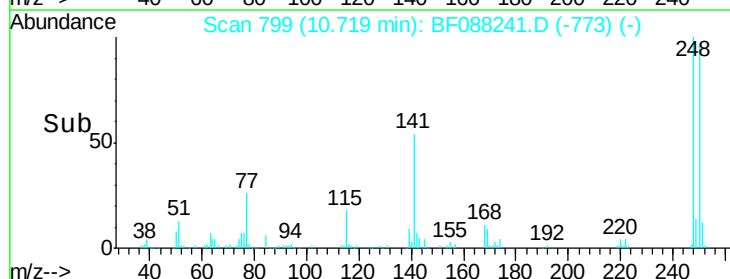
141 54.1 50.6 76.0

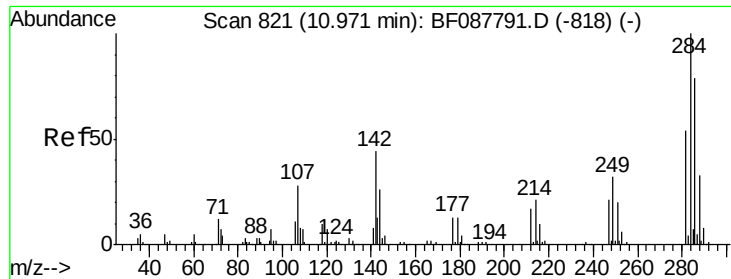


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 30.93 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

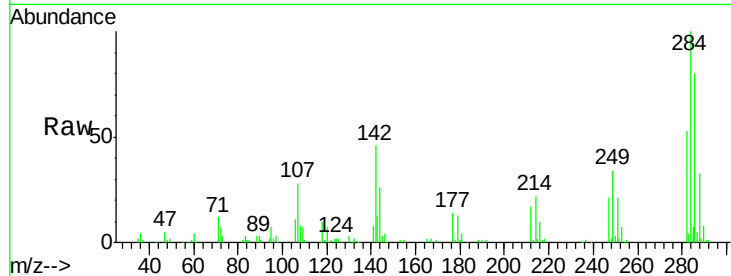
Tgt Ion:284 Resp: 102033

Ion Ratio Lower Upper

284 100

142 45.5 35.8 53.8

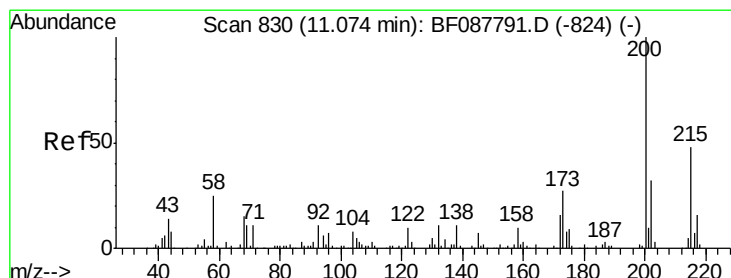
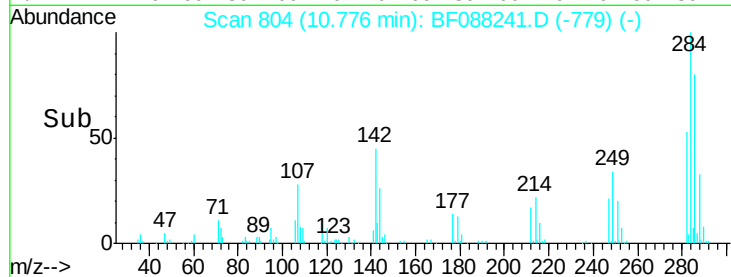
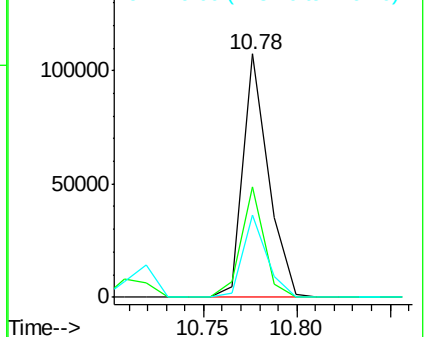
249 33.9 25.8 38.6



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: 29.48 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

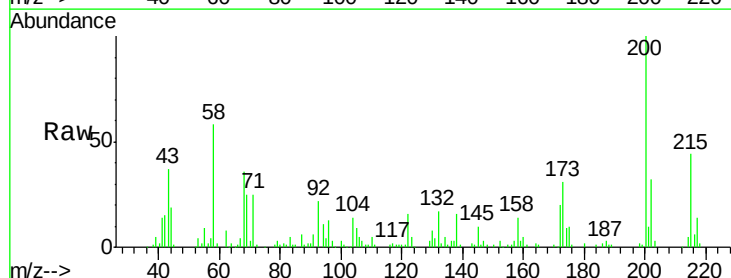
Tgt Ion:200 Resp: 87658

Ion Ratio Lower Upper

200 100

173 31.2 4.0 44.0

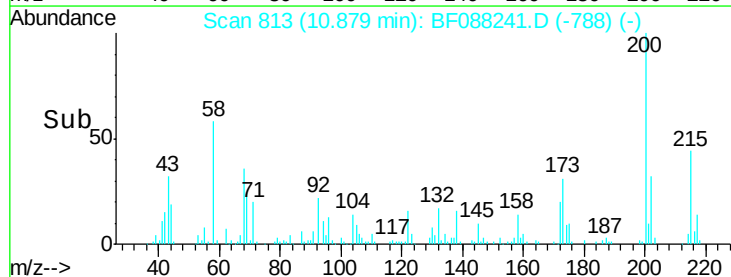
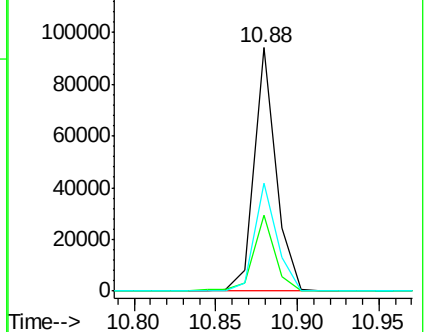
215 44.4 29.3 69.3

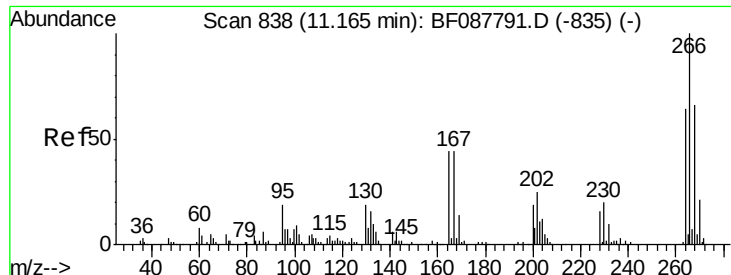


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

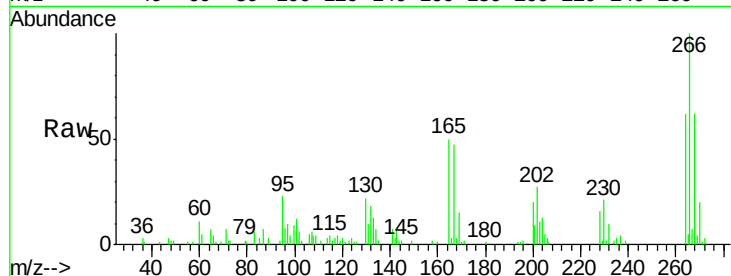




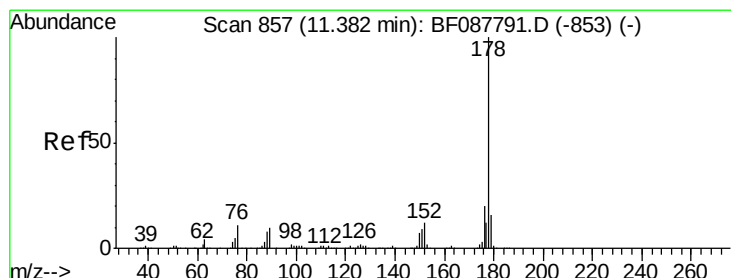
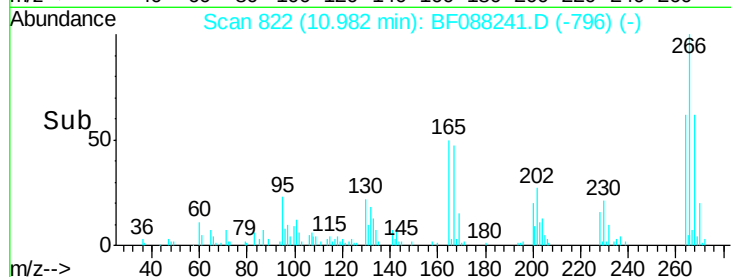
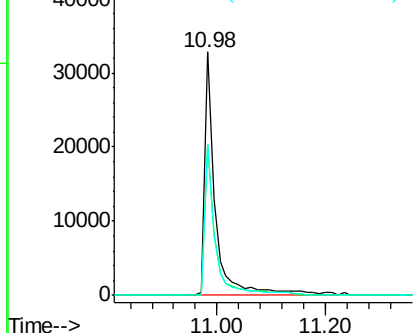
#69
 Pentachlorophenol
 Concen: 25.73 ng
 RT: 10.98 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tgt Ion: 266 Resp: 44748
 Ion Ratio Lower Upper
 266 100
 268 61.5 52.8 79.2
 264 62.3 49.6 74.4

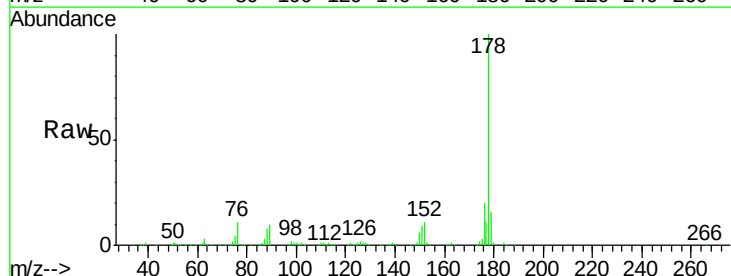


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

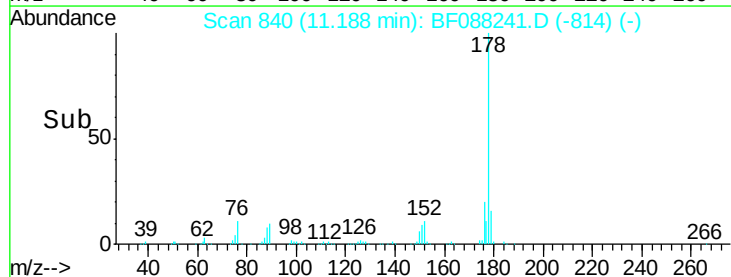
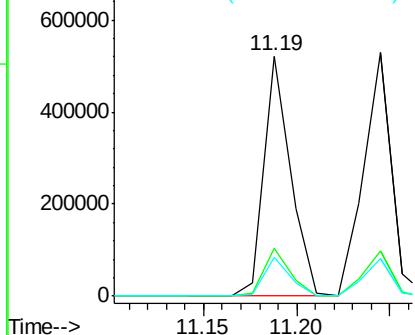


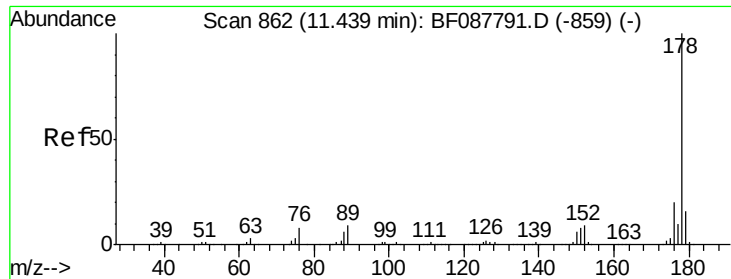
#70
 Phenanthrene
 Concen: 33.09 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion: 178 Resp: 513866
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.0 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

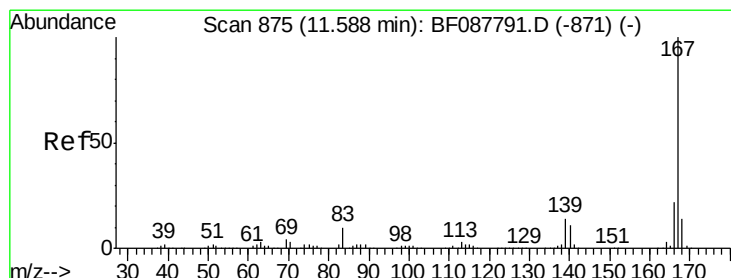
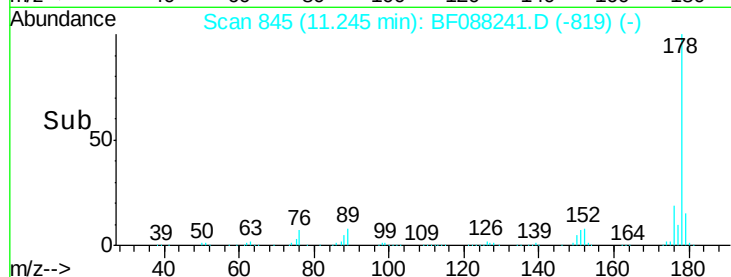
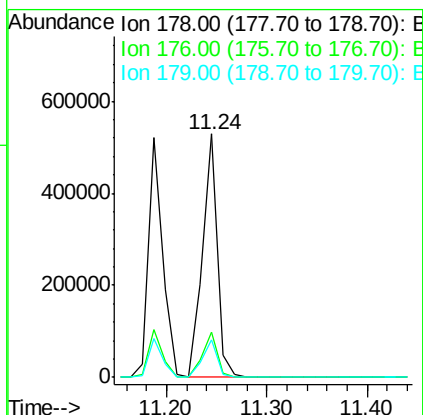
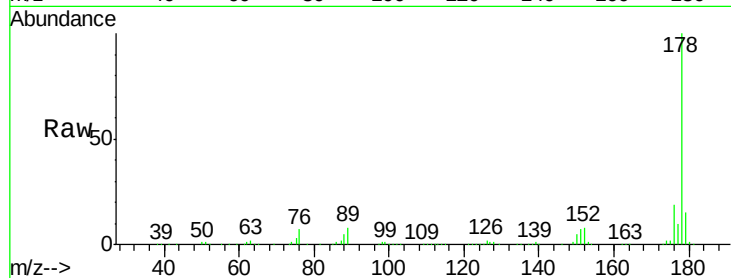




#71
 Anthracene
 Concen: 34.63 ng
 RT: 11.24 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

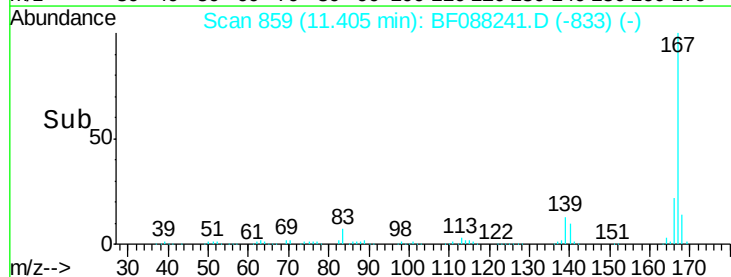
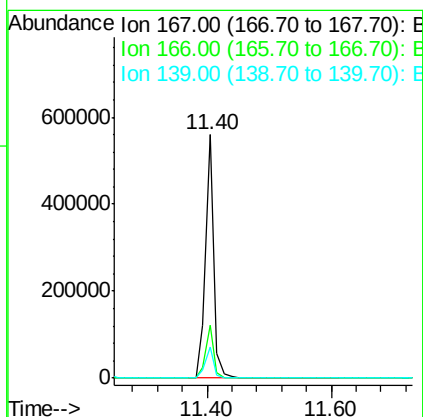
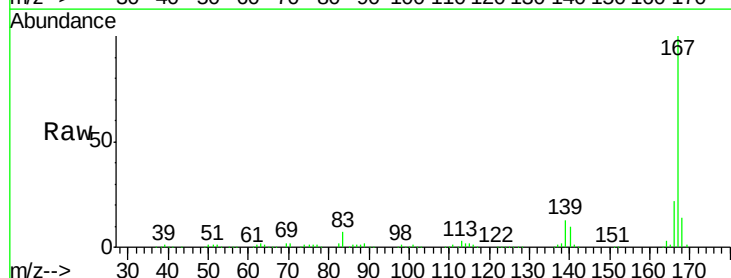
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

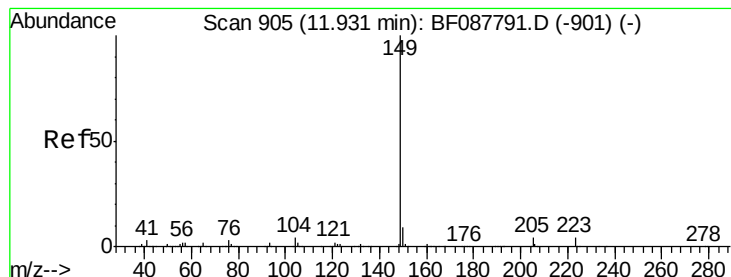
Tgt Ion:178 Resp: 542439
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.3 12.8 19.2



#72
 Carbazole
 Concen: 35.48 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:167 Resp: 520179
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 32.94 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

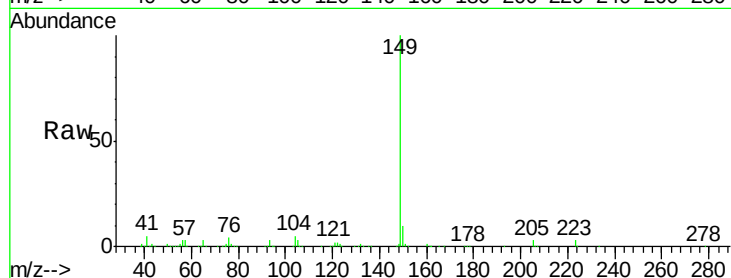
Tgt Ion:149 Resp: 611330

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

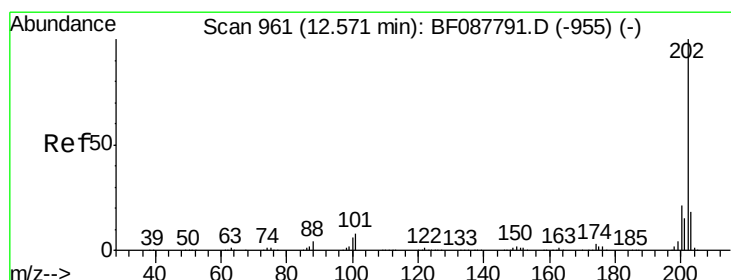
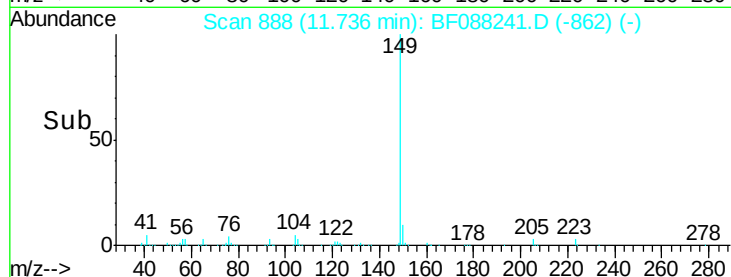
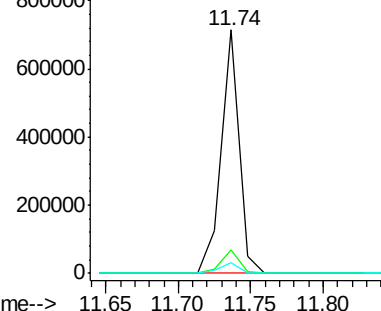
104 4.5 4.0 6.0



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: 34.24 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

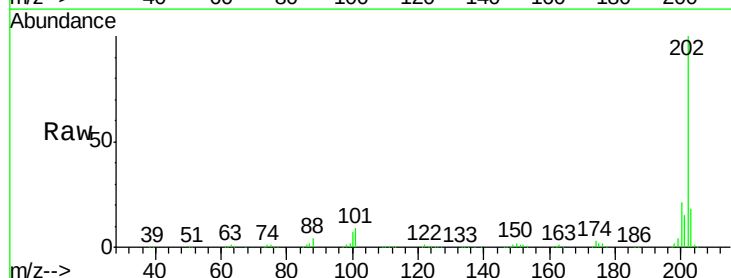
Tgt Ion:202 Resp: 561199

Ion Ratio Lower Upper

202 100

101 9.5 0.0 33.1

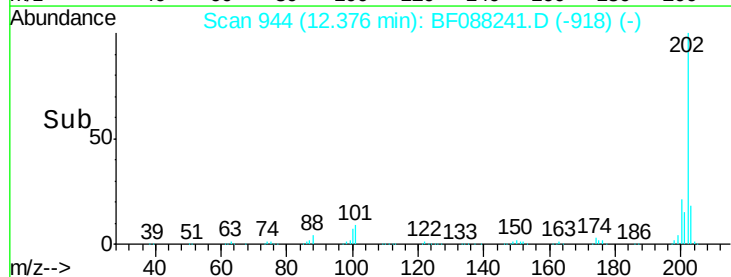
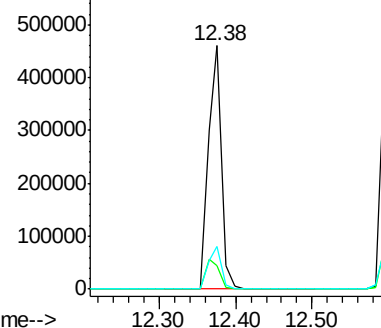
203 17.7 0.0 38.1

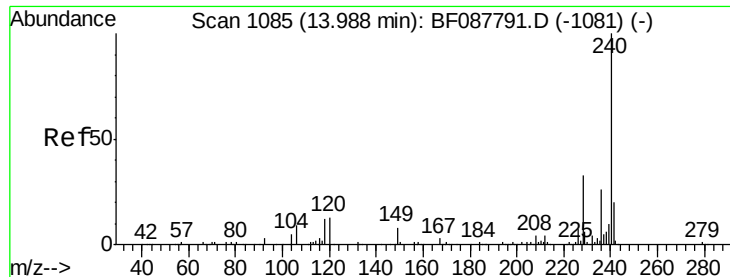


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

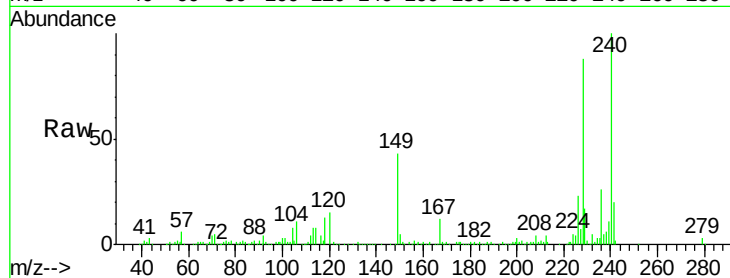
Tgt Ion:240 Resp: 210325

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

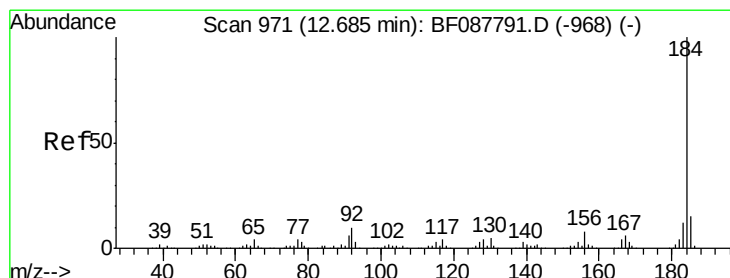
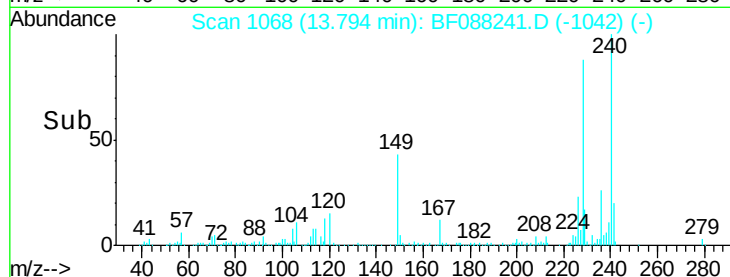
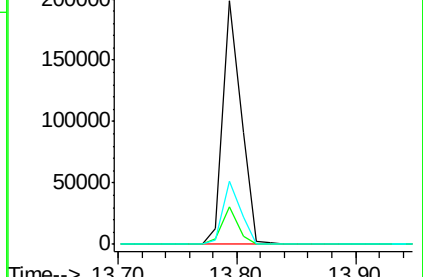
236 25.7 20.2 30.2



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: 32.58 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

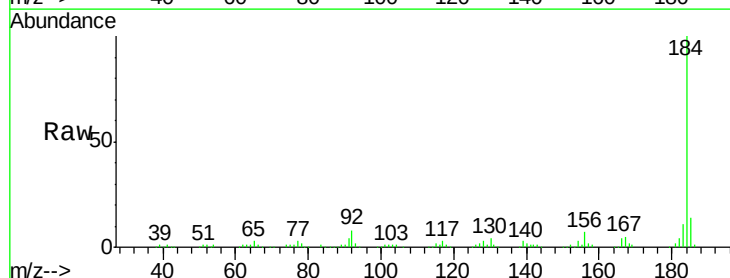
Tgt Ion:184 Resp: 189733

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

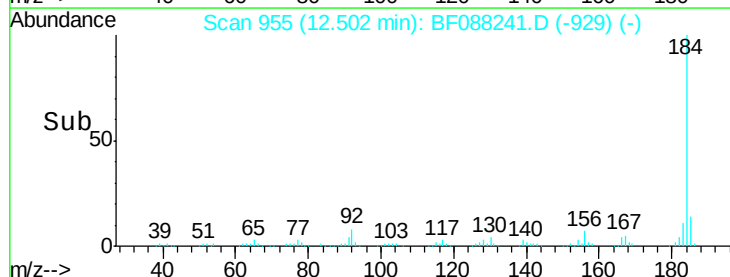
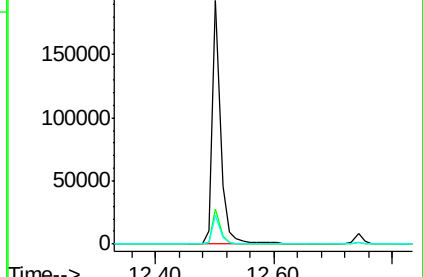
183 11.5 9.3 13.9

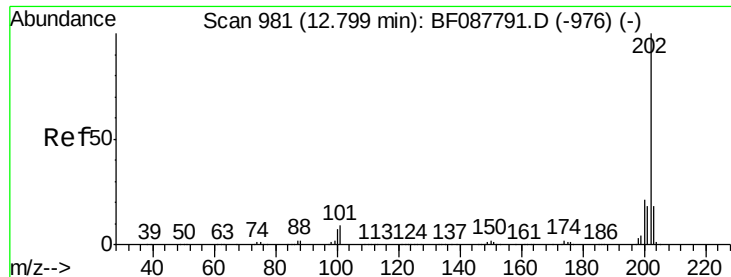


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.47 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

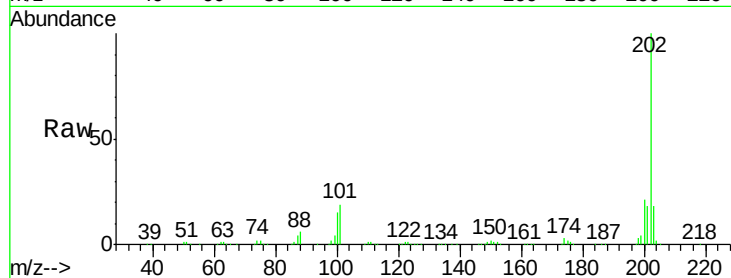
Tgt Ion: 202 Resp: 553654

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

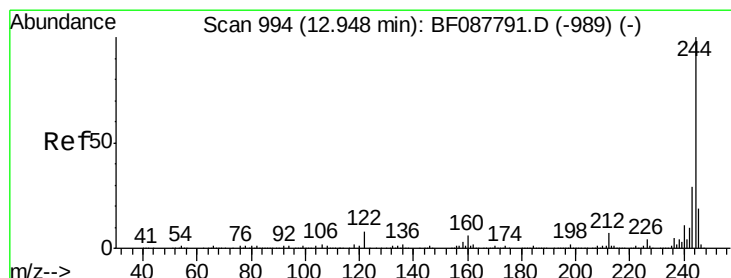
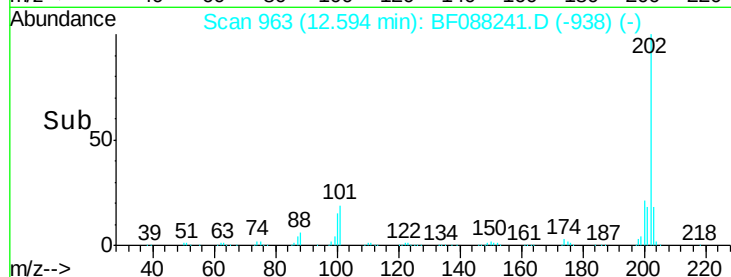
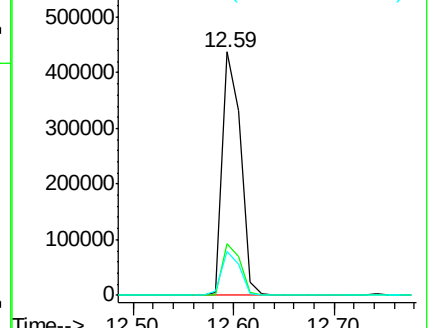
203 18.1 14.5 21.7



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: 59.64 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

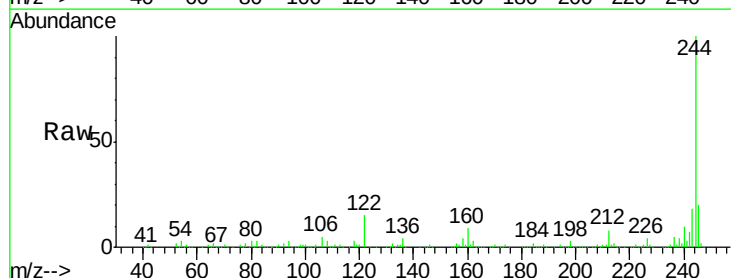
Tgt Ion: 244 Resp: 551276

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

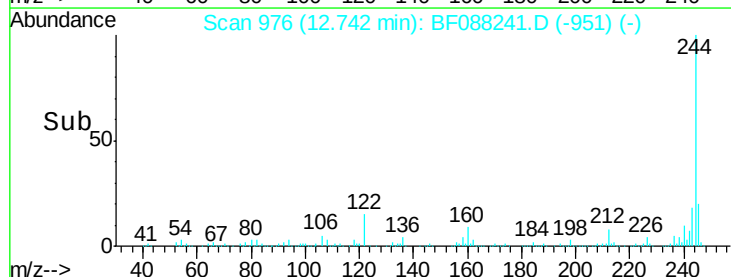
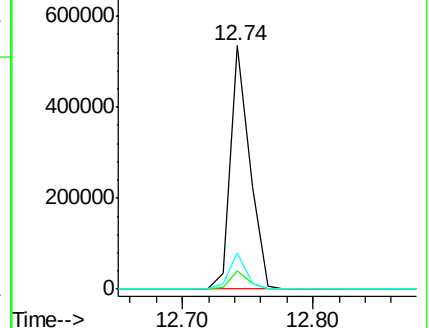
122 15.1 11.2 16.8

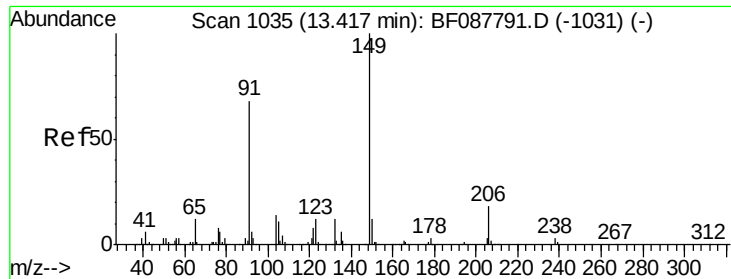


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

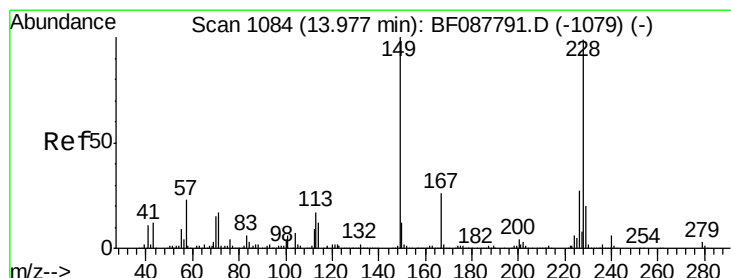
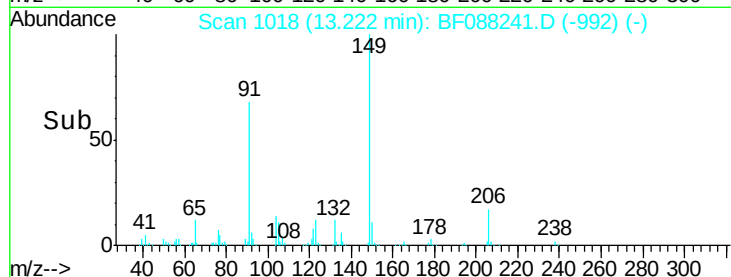
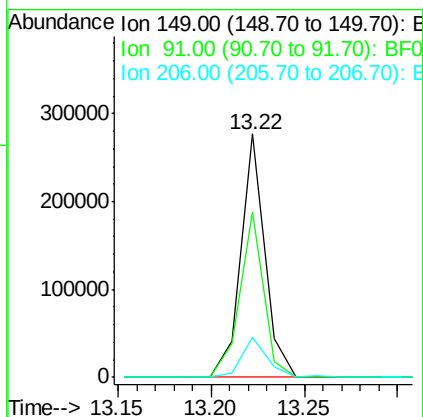
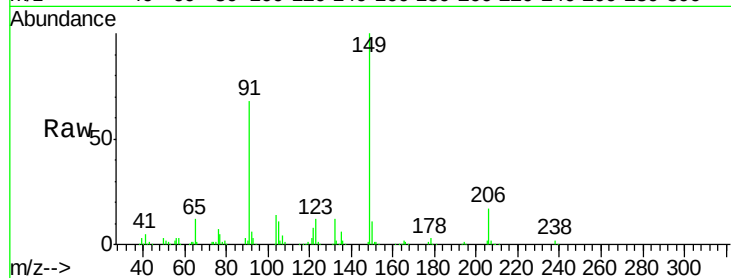




#79
Butylbenzylphthalate
Concen: 36.16 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

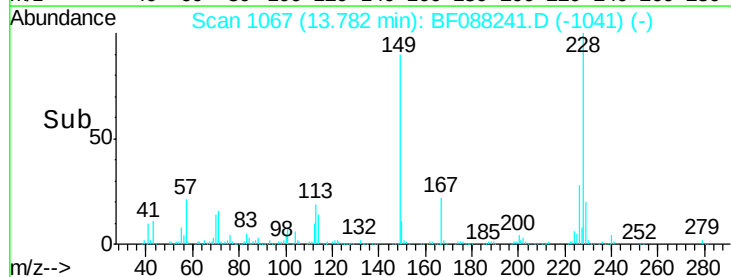
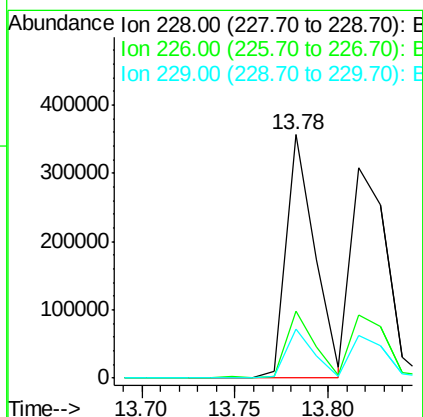
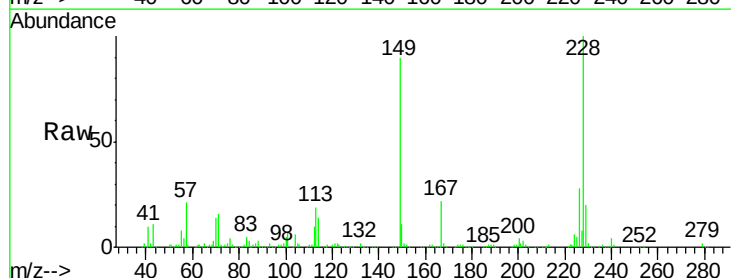
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

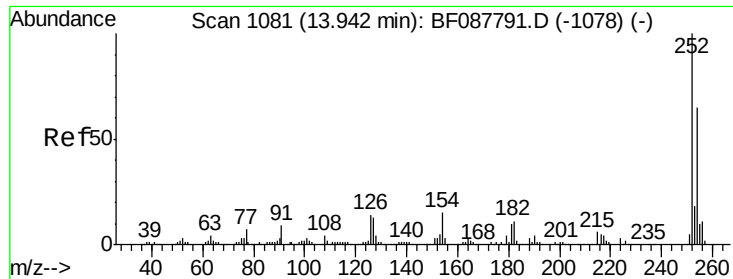
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	48.0	72.0
206	16.6	16.0	24.0



#80
Benzo(a)anthracene
Concen: 31.86 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	16.0	24.0

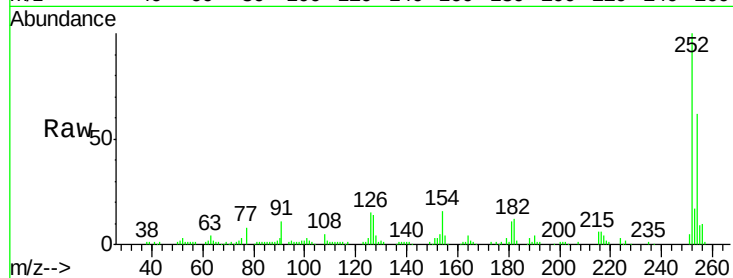




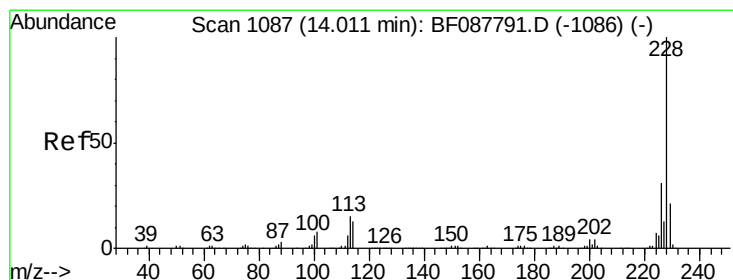
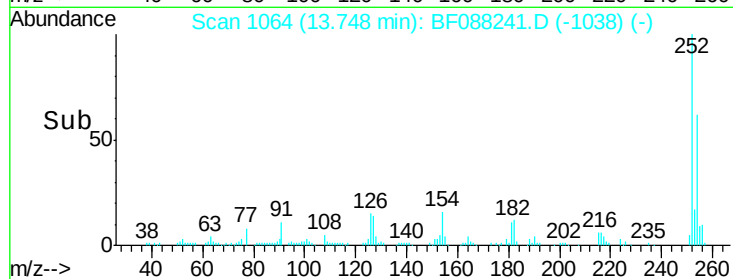
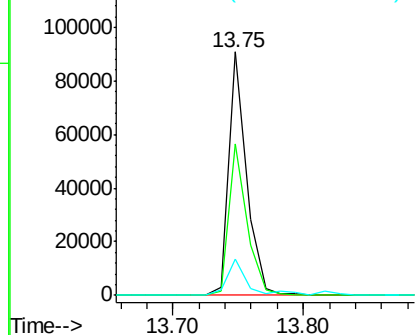
#81
 3,3'-Dichlorobenzidine
 Concen: 26.90 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tgt Ion:252 Resp: 86687
 Ion Ratio Lower Upper
 252 100
 254 62.0 52.6 78.8
 126 15.0 6.2 9.2#

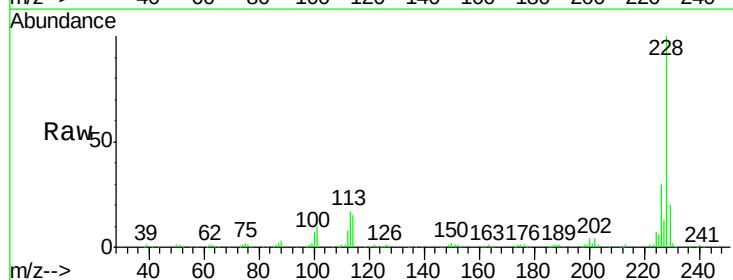


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

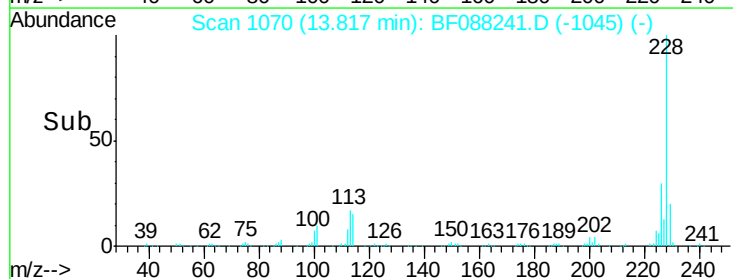
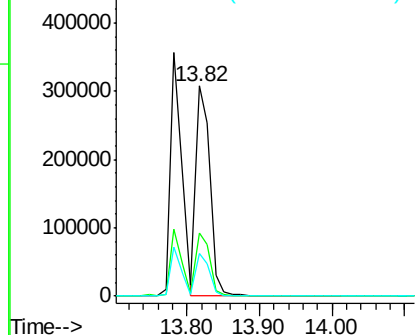


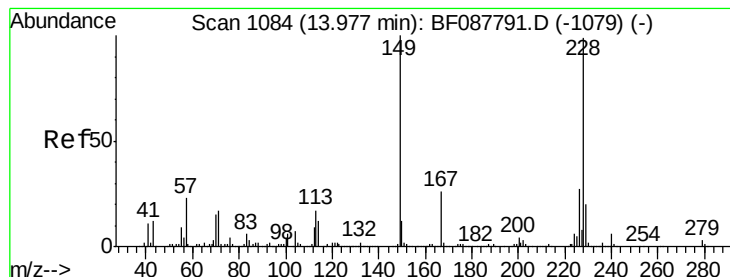
#82
 Chrysene
 Concen: 37.02 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion:228 Resp: 417382
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.87 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

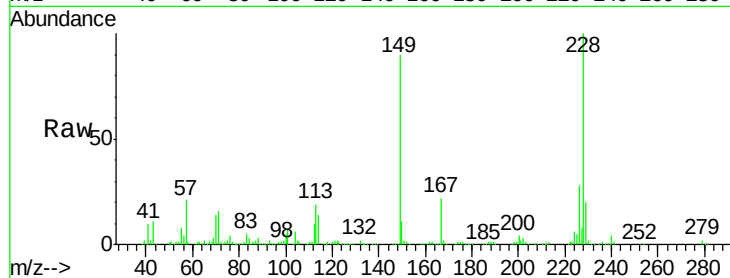
Tgt Ion:149 Resp: 326500

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

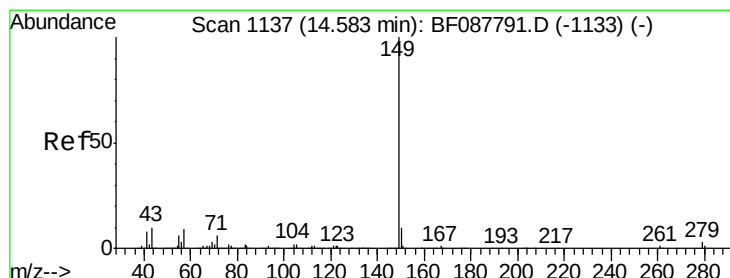
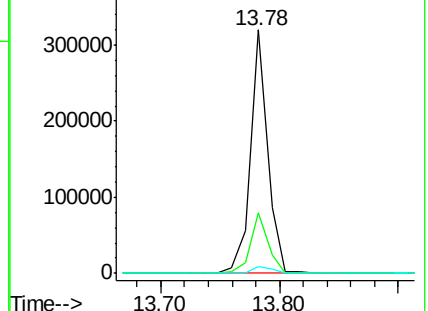
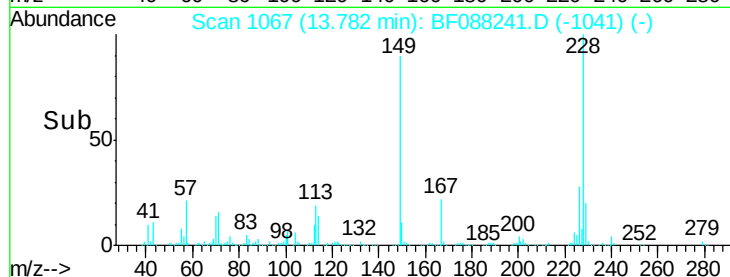
279 2.6 2.0 3.0



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: 38.07 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

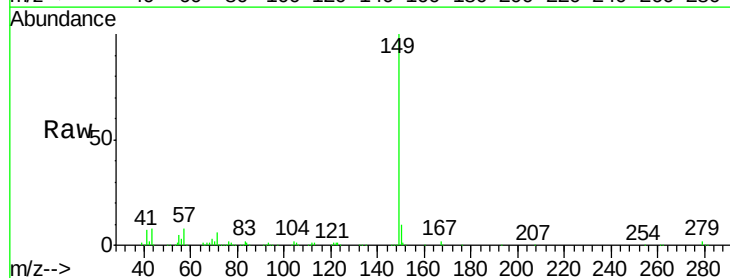
Tgt Ion:149 Resp: 519643

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

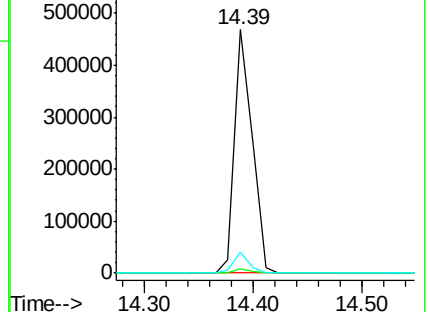
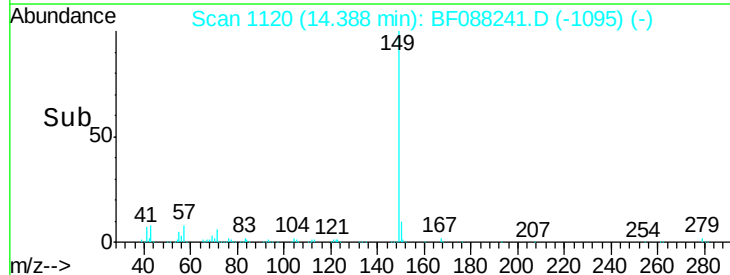
43 7.7 0.0 0.0#

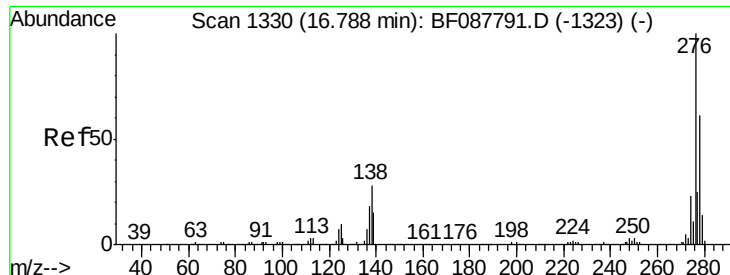


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

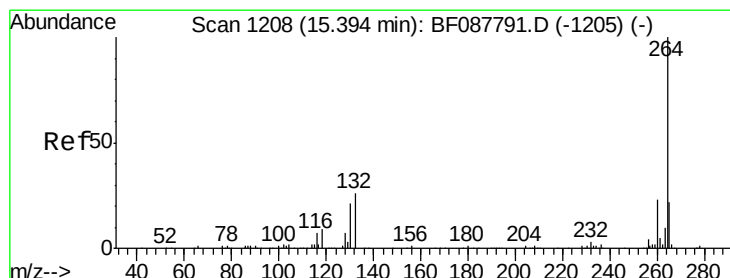
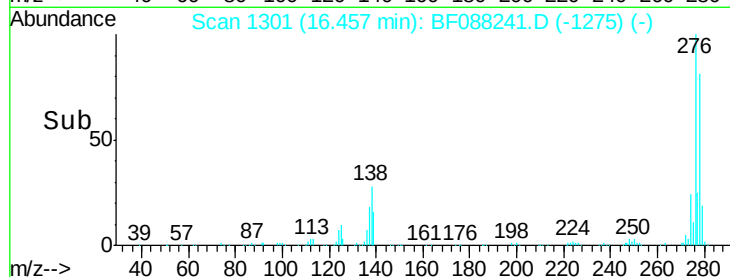
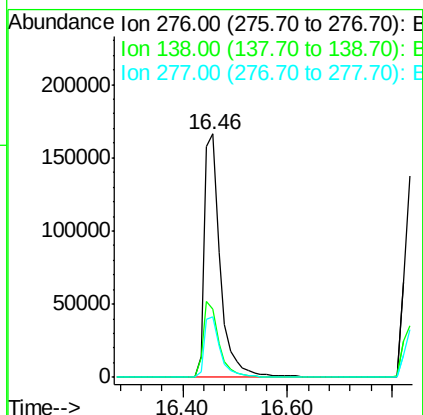
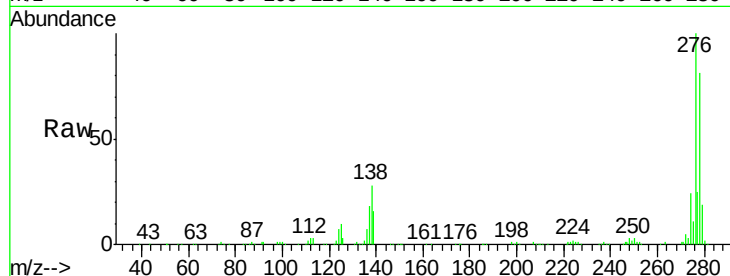




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.72 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

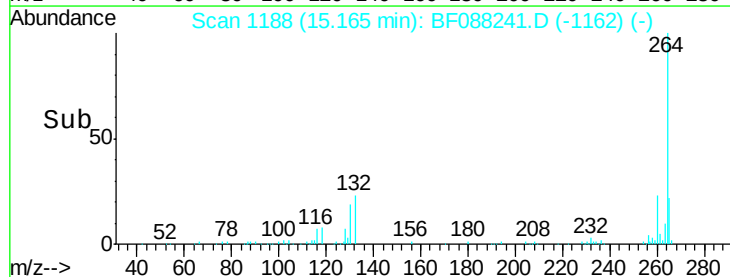
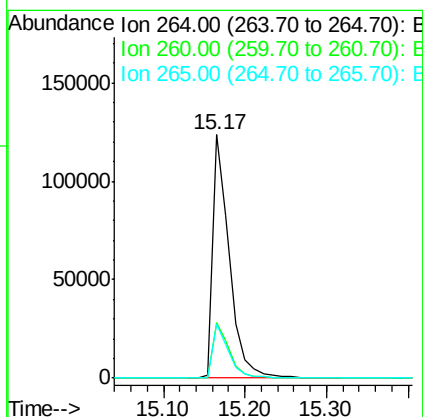
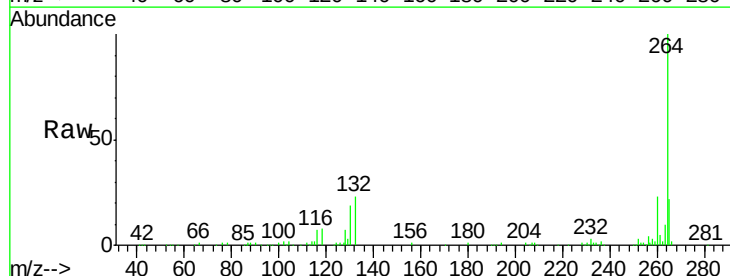
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

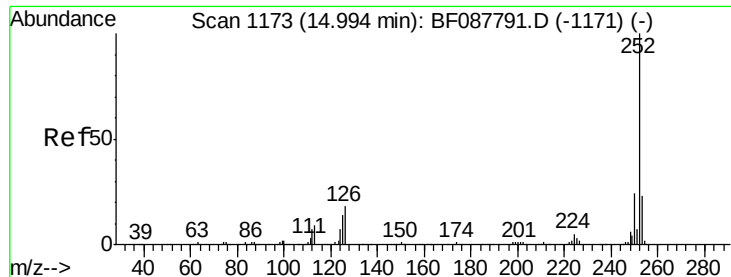
Tgt Ion: 276 Resp: 353214
 Ion Ratio Lower Upper
 276 100
 138 31.2 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF088241.D
 Acq: 22 Jun 2016 5:54

Tgt Ion: 264 Resp: 175689
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.2 16.9 25.3

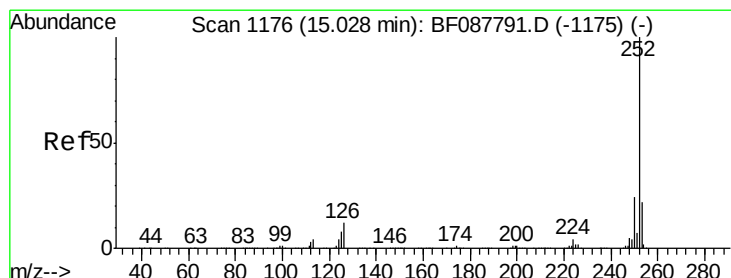
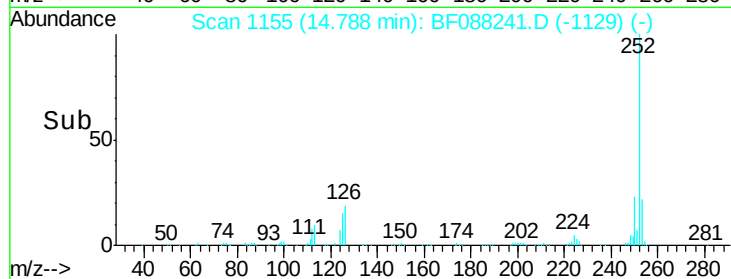
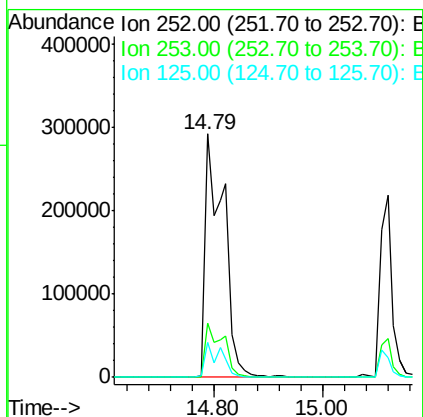
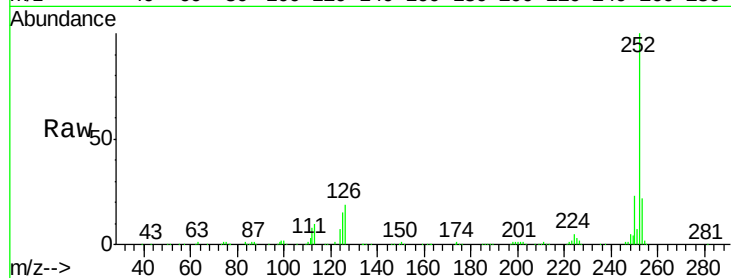




#87
Benzo(b)fluoranthene
Concen: 57.32 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

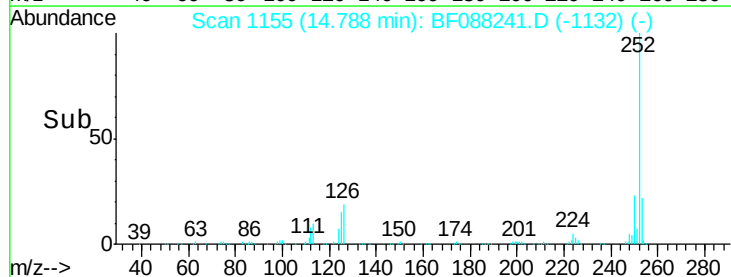
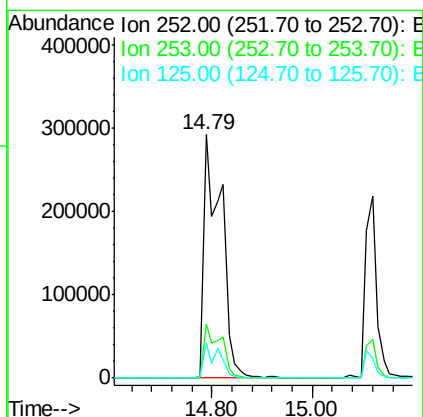
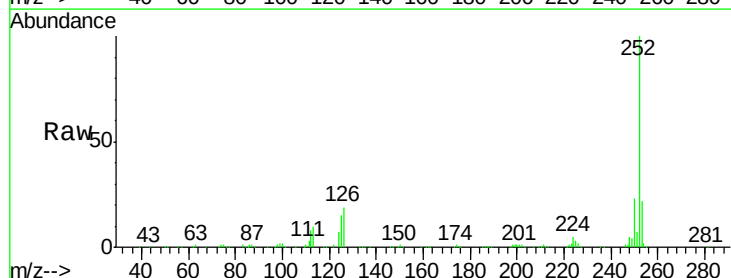
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

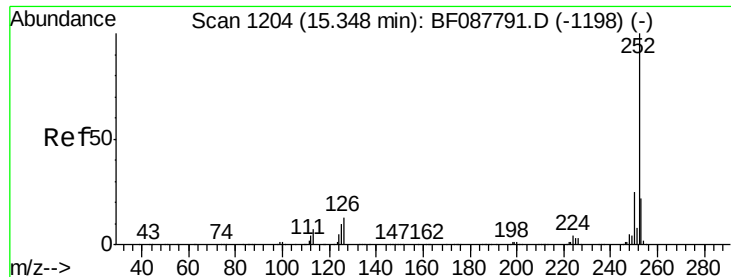
Tgt Ion:252 Resp: 701856
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 14.6 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 76.01 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF088241.D
Acq: 22 Jun 2016 5:54

Tgt Ion:252 Resp: 702094
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 14.6 11.2 16.8





#89

Benzo(a)pyrene

Concen: 34.93 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

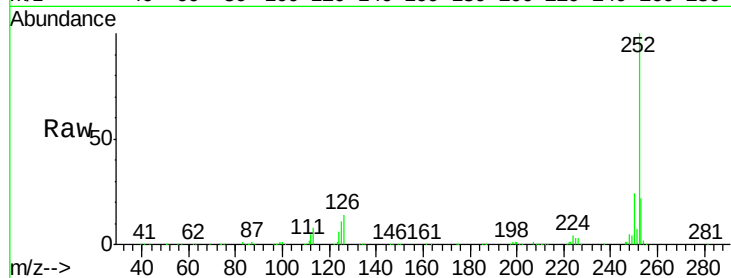
Tgt Ion:252 Resp: 346099

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

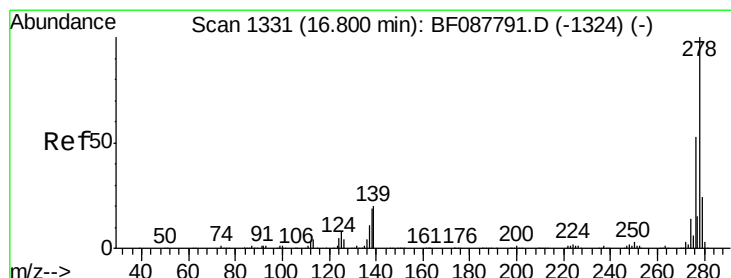
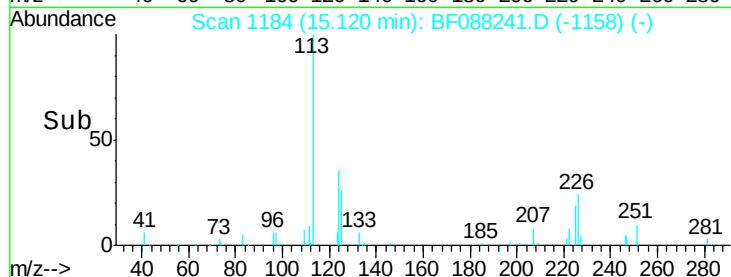
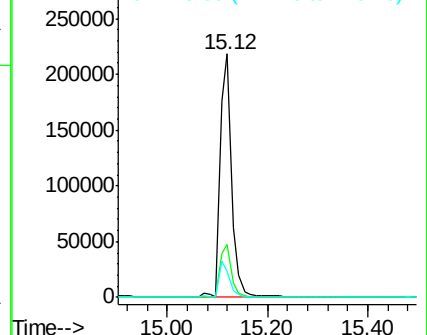
125 10.6 12.5 18.7#



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: 32.00 ng

RT: 16.46 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

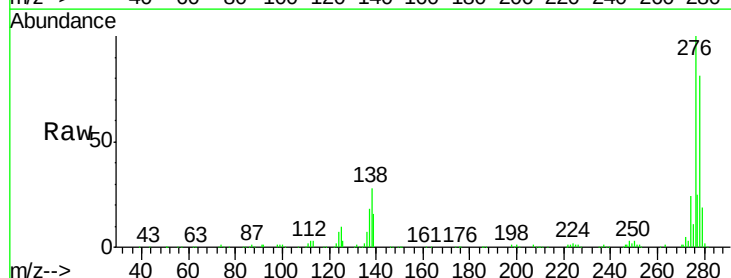
Tgt Ion:278 Resp: 294474

Ion Ratio Lower Upper

278 100

139 19.3 15.7 23.5

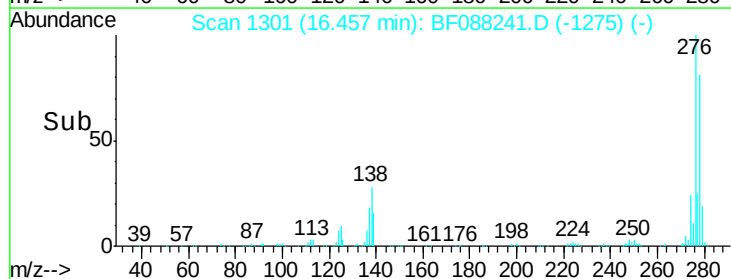
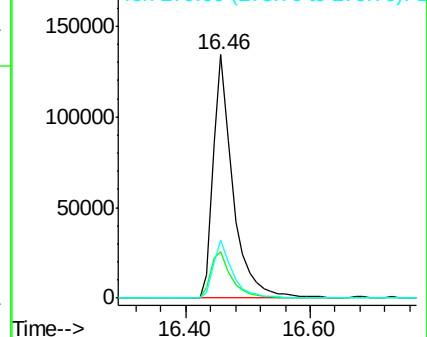
279 23.8 19.4 29.2

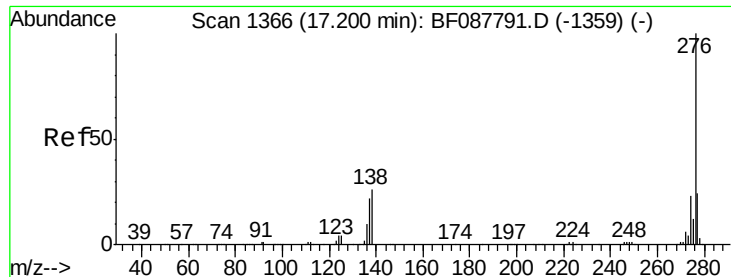


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.99 ng

RT: 16.83 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

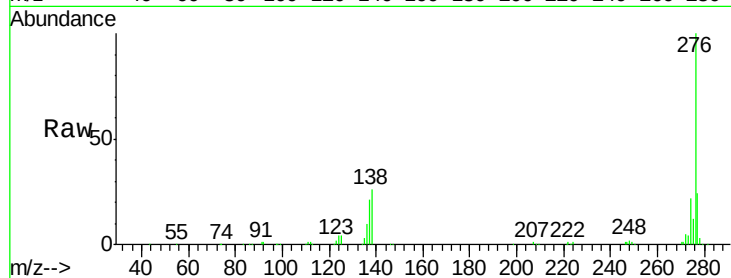
Tgt Ion: 276 Resp: 312254

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 25.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

