

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088242.D
 Acq On : 22 Jun 2016 6:23
 Operator : UM/SJ
 Sample : H3597-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Quant Time: Jun 22 07:00:42 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	6.65	152	85452	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	337419	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157270	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	286296	20.00	ng	0.00
75) Chrysene-d12	13.79	240	200699	20.00	ng	0.00
86) Perylene-d12	15.17	264	174023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	453518	90.73	ng	0.00
7) Phenol-d6	6.31	99	558590	92.21	ng	0.00
23) Nitrobenzene-d5	7.22	82	343710	59.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	135093	81.35	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	686202	67.40	ng	0.00
78) Terphenyl-d14	12.74	244	587163	66.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	59237	24.39	ng	# 40
3) Pyridine	2.81	79	169598	29.57	ng	91
4) n-Nitrosodimethylamine	2.76	42	76002	31.29	ng	# 74
6) Aniline	6.32	93	190413	22.08	ng	# 23
8) 2-Chlorophenol	6.44	128	197802	33.43	ng	82
10) Phenol	6.32	94	221178	34.80	ng	# 56
11) bis(2-Chloroethyl)ether	6.40	93	198099	37.29	ng	85
12) 1,3-Dichlorobenzene	6.82	146	205051	32.30	ng	96
13) 1,4-Dichlorobenzene	6.67	146	207727	32.48	ng	96
14) 1,2-Dichlorobenzene	6.82	146	205365	35.31	ng	95
15) Benzyl Alcohol	6.81	79	143859	30.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	206740	28.81	ng	# 21
17) 2-Methylphenol	6.94	107	160331	33.42	ng	# 94
18) Hexachloroethane	7.15	117	73836	32.54	ng	# 80
19) n-Nitroso-di-n-propylamine	7.07	70	119106	30.73	ng	91
20) 3+4-Methylphenols	7.08	107	215663	38.52	ng	# 81
22) Acetophenone	7.07	105	261525	34.68	ng	97
24) Nitrobenzene	7.24	77	208042	37.17	ng	99
25) Isophorone	7.48	82	363417	33.95	ng	96
26) 2-Nitrophenol	7.56	139	102336	34.13	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	181354	32.85	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	248716	37.47	ng	98
29) 2,4-Dichlorophenol	7.80	162	169757	36.83	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	174579	34.78	ng	98
31) Naphthalene	7.95	128	560759	33.58	ng	99
32) Benzoic acid	7.61	122	181354	59.66	ng	# 13
33) 4-Chloroaniline	8.02	127	151530	20.32	ng	# 91
34) Hexachlorobutadiene	8.08	225	89883	33.96	ng	99
35) Caprolactam	8.39	113	53828	35.26	ng	# 82
36) 4-Chloro-3-methylphenol	8.51	107	167689	34.02	ng	95
37) 2-Methylnaphthalene	8.65	142	388329	35.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	156054	35.55	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	53492	21.09	ng	100
42) 2,4,6-Trichlorophenol	8.94	196	94200	29.95	ng	97

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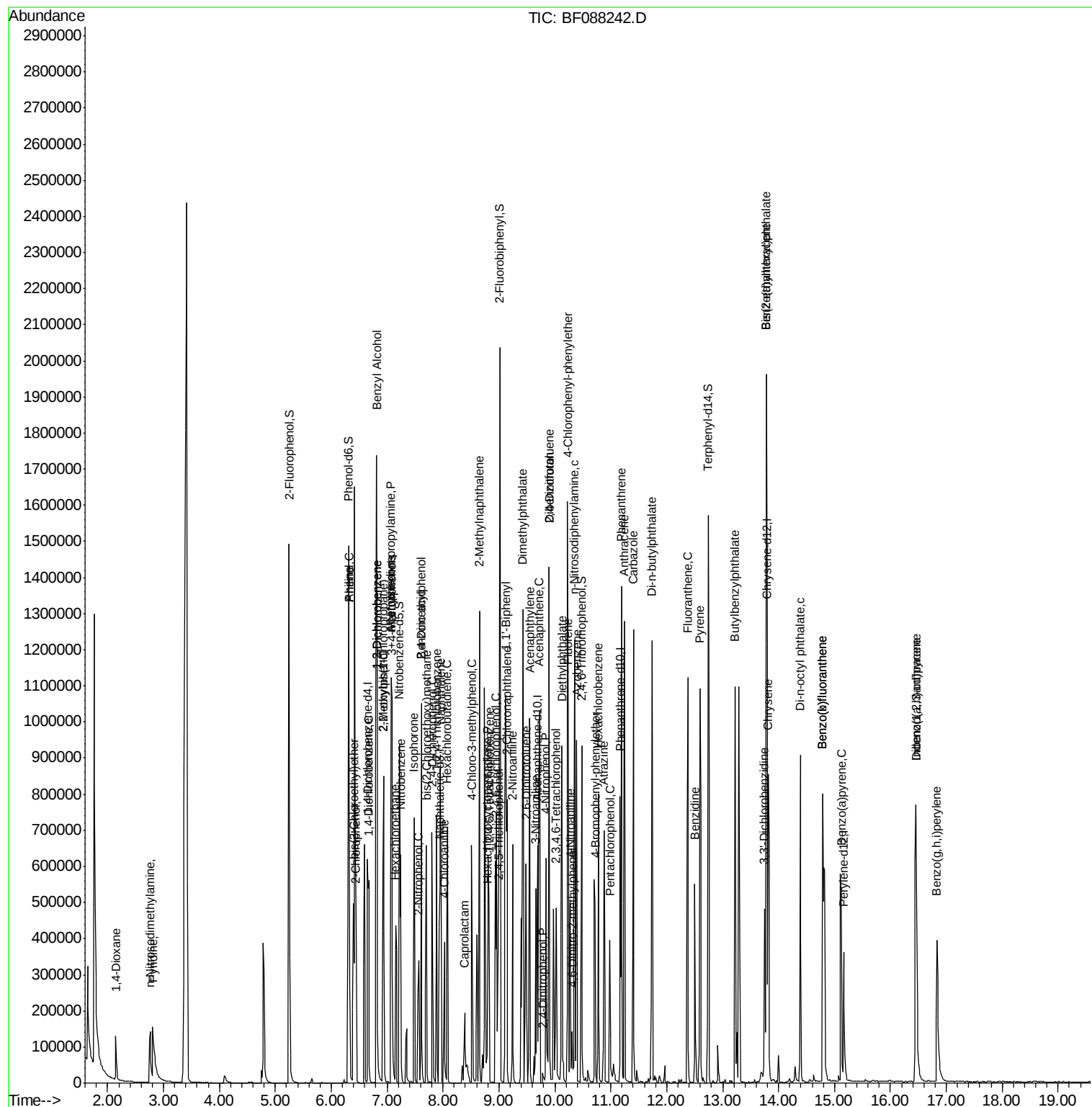
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	91820	28.06	ng	97
45) 1,1'-Biphenyl	9.12	154	462187	38.22	ng	96
46) 2-Chloronaphthalene	9.14	162	355952	34.98	ng	93
47) 2-Nitroaniline	9.24	65	102841	34.26	ng	# 81
48) Acenaphthylene	9.55	152	552597	34.14	ng	99
49) Dimethylphthalate	9.43	163	645638	56.67	ng	100
50) 2,6-Dinitrotoluene	9.48	165	89021	34.12	ng	# 58
51) Acenaphthene	9.72	154	331324	32.81	ng	99
52) 3-Nitroaniline	9.66	138	85228	28.31	ng	93
53) 2,4-Dinitrophenol	9.78	184	8388	10.09	ng	93
54) Dibenzofuran	9.90	168	475243	34.17	ng	94
55) 4-Nitrophenol	9.84	139	86191	36.89	ng	99
56) 2,4-Dinitrotoluene	9.90	165	114369	34.11	ng	# 80
57) Fluorene	10.24	166	373134	39.07	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	76171	29.62	ng	# 57
59) Diethylphthalate	10.12	149	419457	36.37	ng	98
60) 4-Chlorophenyl-phenylether	10.23	204	151717	32.80	ng	94
61) 4-Nitroaniline	10.27	138	107891	37.78	ng	95
62) Azobenzene	10.39	77	407089	35.70	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	29437	17.89	ng	# 66
65) n-Nitrosodiphenylamine	10.35	169	353532	37.21	ng	100
66) 4-Bromophenyl-phenylether	10.72	248	105345	34.30	ng	94
67) Hexachlorobenzene	10.78	284	105846	33.17	ng	97
68) Atrazine	10.88	200	92454	32.14	ng	90
69) Pentachlorophenol	10.98	266	63134	37.53	ng	97
70) Phenanthrene	11.19	178	538189	35.82	ng	99
71) Anthracene	11.24	178	566557	37.39	ng	98
72) Carbazole	11.40	167	540938	38.15	ng	98
73) Di-n-butylphthalate	11.74	149	628133	34.99	ng	99
74) Fluoranthene	12.38	202	589117	37.16	ng	96
76) Benzidine	12.50	184	235341	42.35	ng	98
77) Pyrene	12.59	202	580722	38.99	ng	99
79) Butylbenzylphthalate	13.22	149	257792	39.15	ng	89
80) Benzo(a)anthracene	13.78	228	406621	35.55	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	99549	32.37	ng	# 97
82) Chrysene	13.82	228	419173	38.96	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	318547	39.74	ng	100
84) Di-n-octyl phthalate	14.39	149	519727	39.90	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	379334	37.95	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	731587	60.32	ng	# 95
88) Benzo(k)fluoranthene	14.79	252	731587	79.96	ng	99
89) Benzo(a)pyrene	15.12	252	364954	37.19	ng	# 95
90) Dibenzo(a,h)anthracene	16.46	278	318100	34.90	ng	98
91) Benzo(g,h,i)perylene	16.83	276	335701	35.81	ng	99

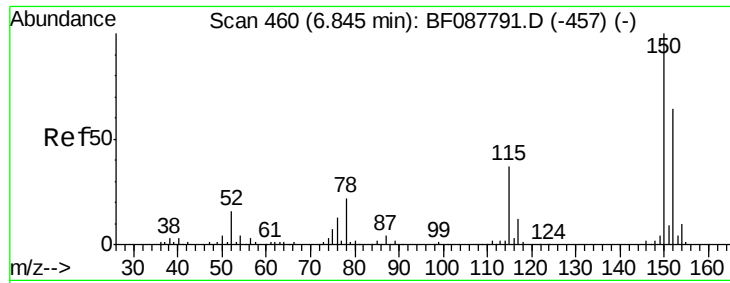
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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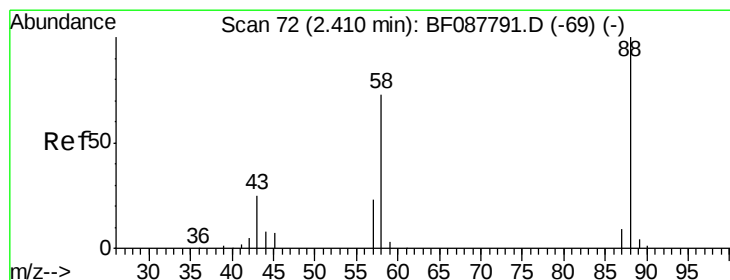
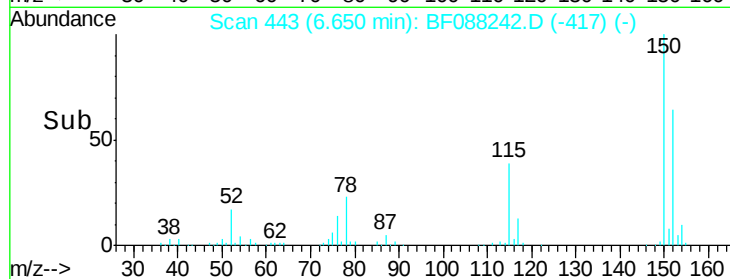
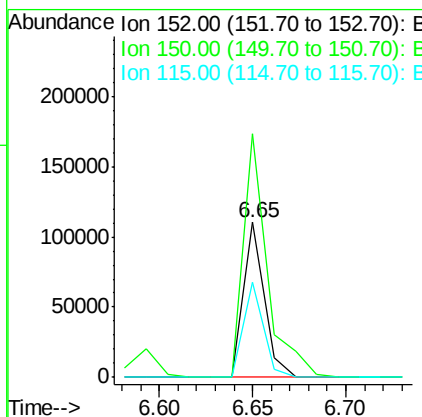
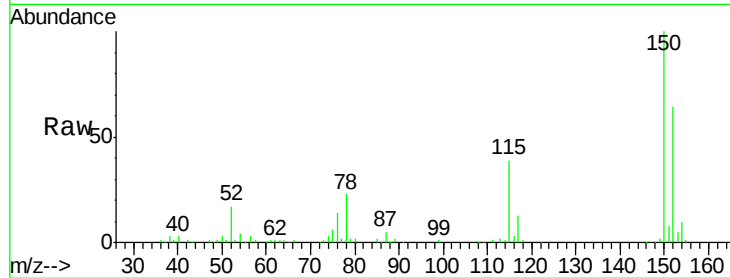




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

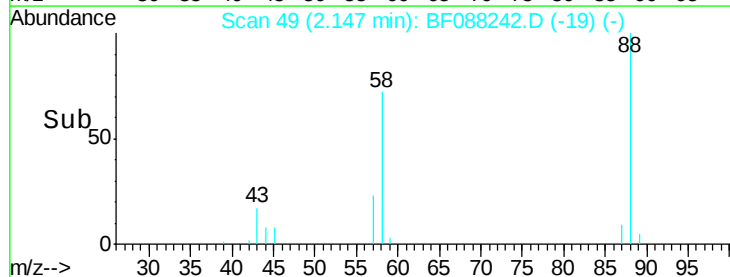
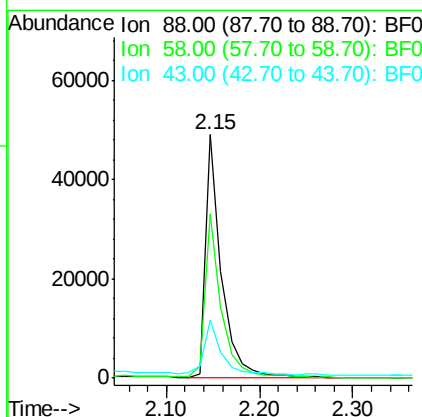
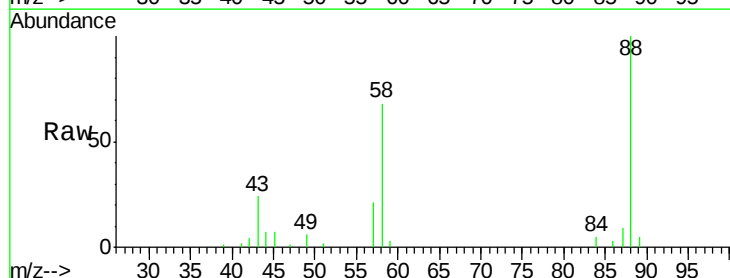
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:152 Resp: 85452
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.8 185.6
 115 61.1 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 24.39 ng
 RT: 2.15 min Scan# 49
 Delta R.T. 0.05 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion: 88 Resp: 59237
 Ion Ratio Lower Upper
 88 100
 58 71.0 0.0 0.0#
 43 24.0 3.4 5.2#





#3

Pyridine

Concen: 29.57 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.05 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

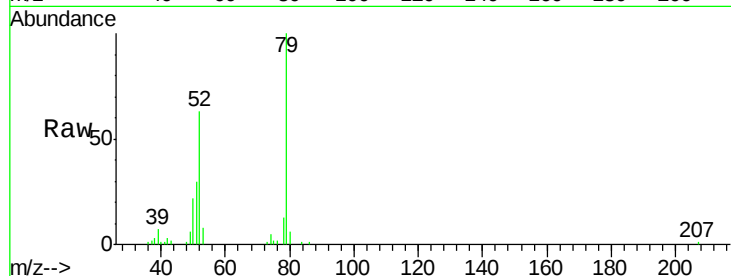
Tgt Ion: 79 Resp: 169598

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

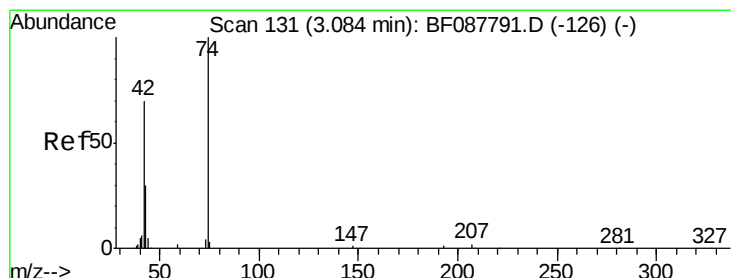
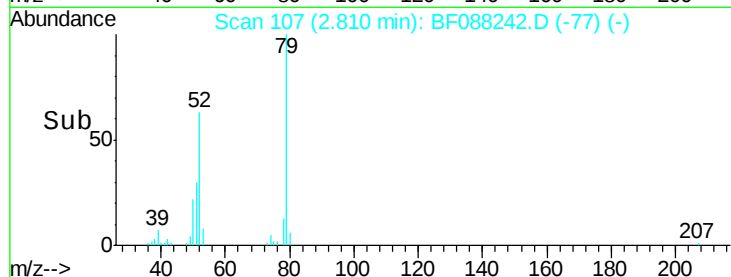
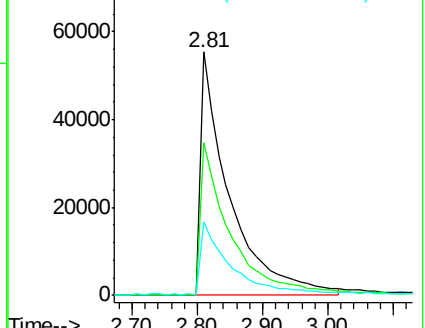
51 30.3 27.4 41.2



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: 31.29 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

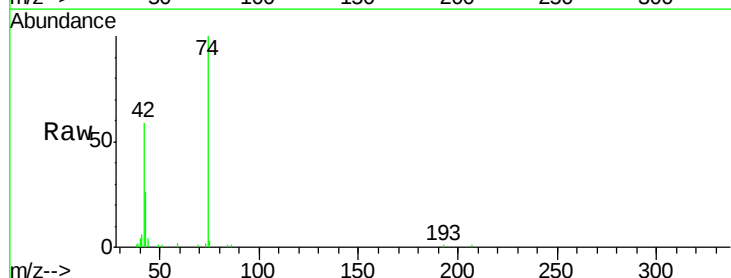
Tgt Ion: 42 Resp: 76002

Ion Ratio Lower Upper

42 100

74 168.3 108.6 163.0#

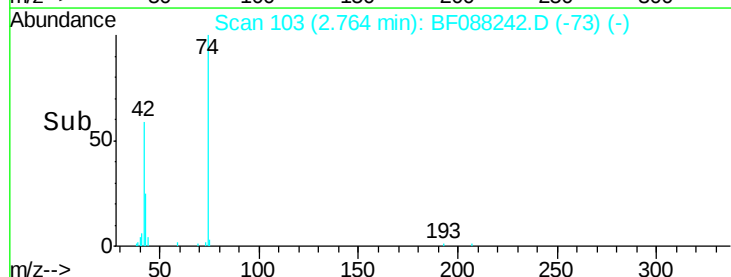
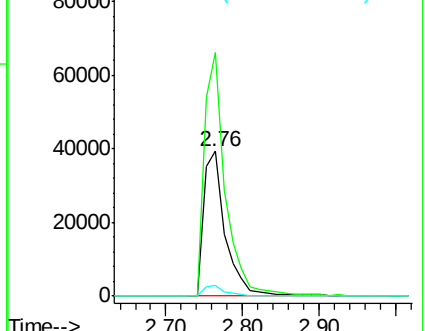
44 7.2 5.5 8.3



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: 90.73 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

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ClientSampleId :

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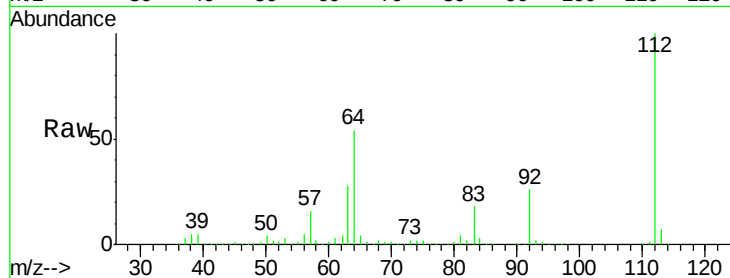
Tgt Ion: 112 Resp: 453518

Ion Ratio Lower Upper

112 100

64 54.2 42.2 63.2

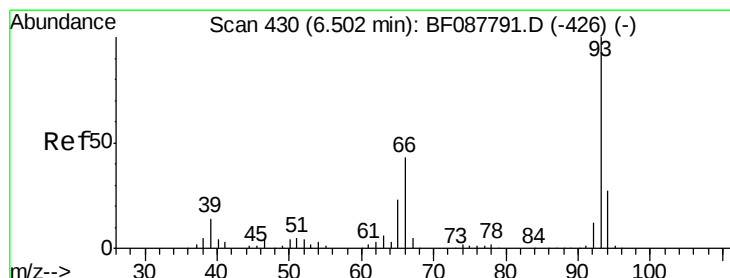
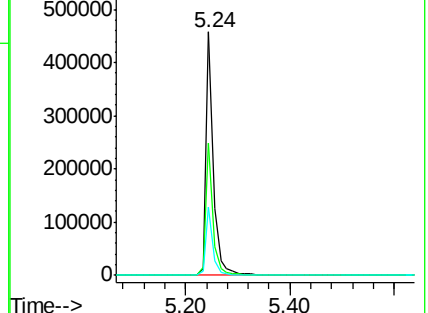
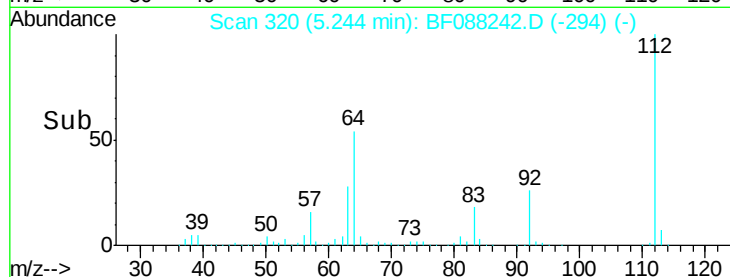
63 28.0 21.8 32.8



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: 22.08 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

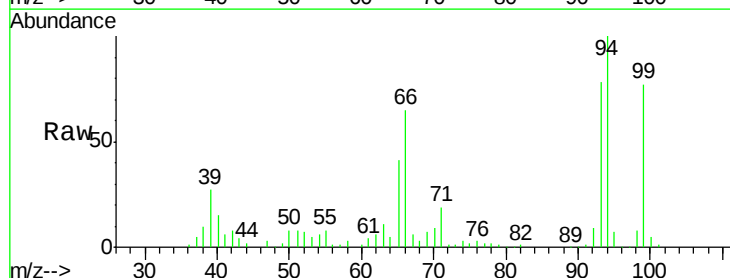
Tgt Ion: 93 Resp: 190413

Ion Ratio Lower Upper

93 100

66 83.8 29.8 44.8#

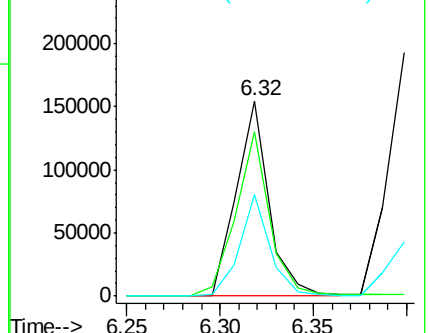
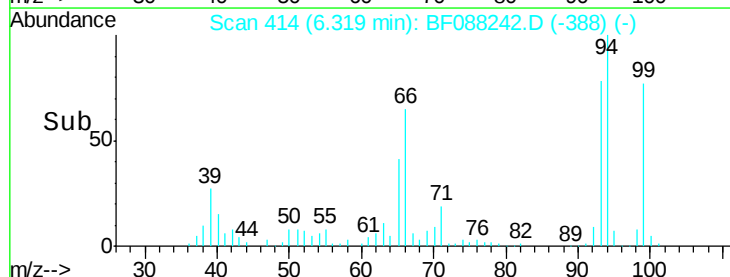
65 52.2 14.9 22.3#



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: 92.21 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

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Acq: 22 Jun 2016 6:23

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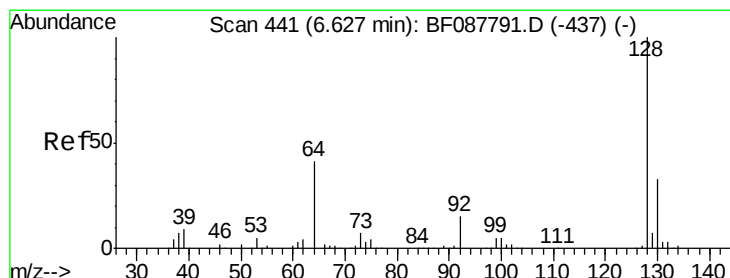
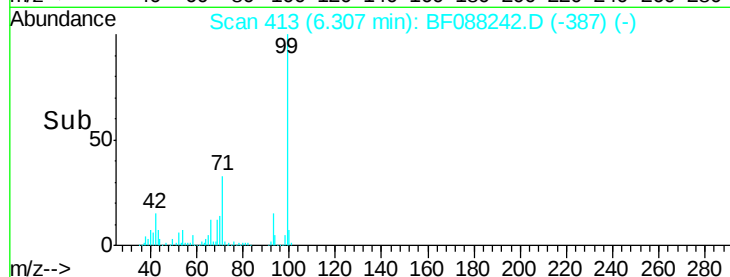
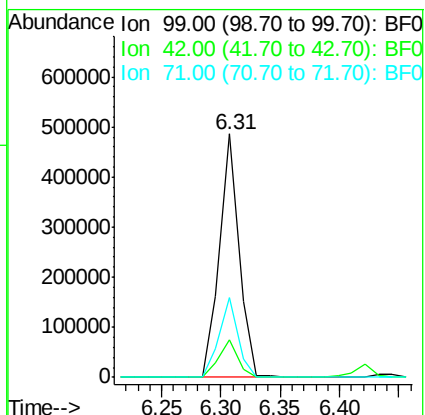
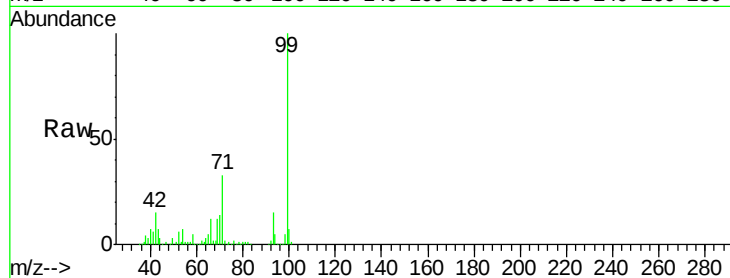
Tgt Ion: 99 Resp: 558590

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 32.9 23.4 35.0



#8

2-Chlorophenol

Concen: 33.43 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

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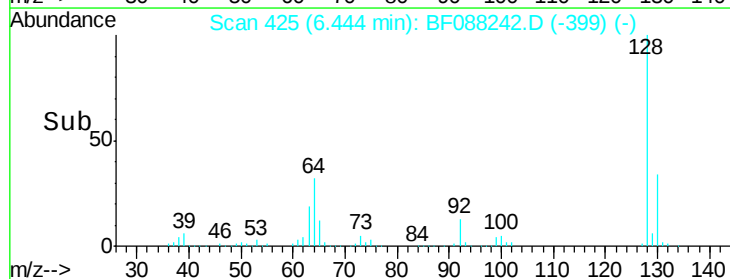
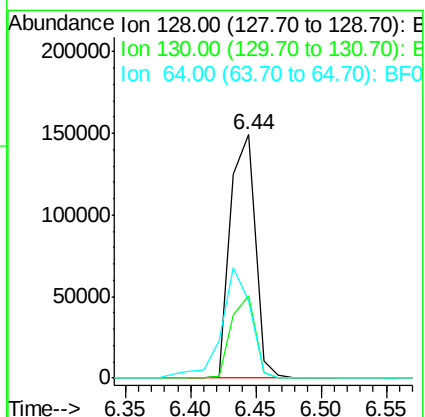
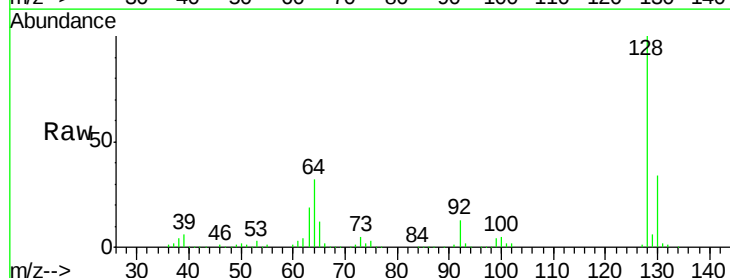
Tgt Ion: 128 Resp: 197802

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 31.9 30.8 70.8





#10

Phenol

Concen: 34.80 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

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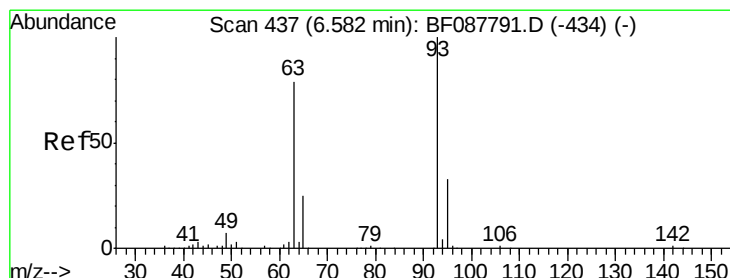
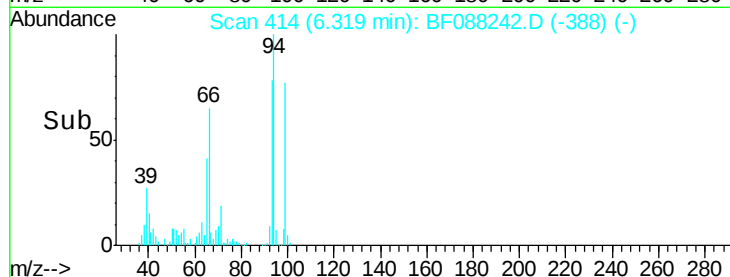
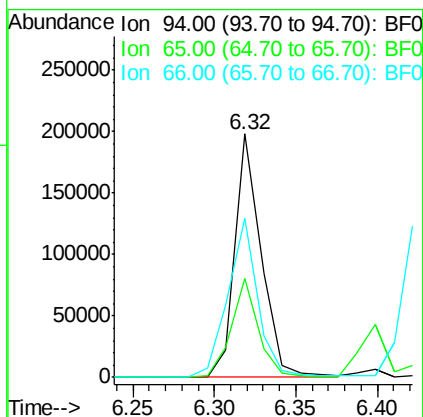
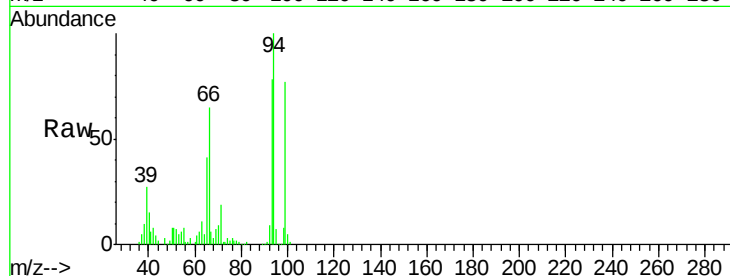
Tgt Ion: 94 Resp: 221178

Ion Ratio Lower Upper

94 100

65 40.8 5.9 45.9

66 65.4 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 37.29 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

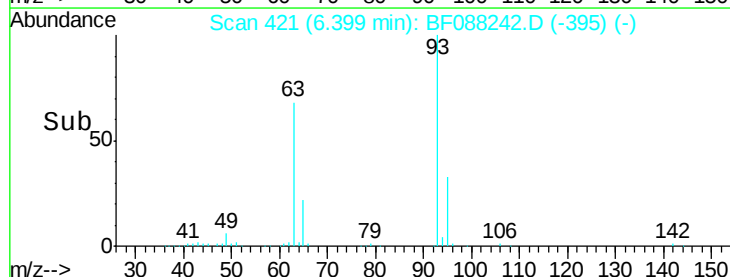
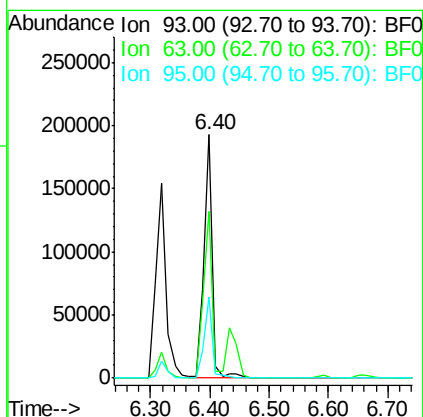
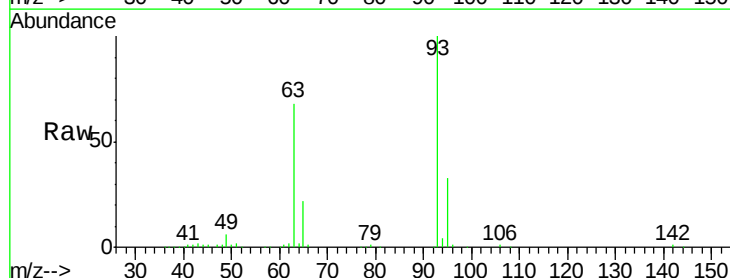
Tgt Ion: 93 Resp: 198099

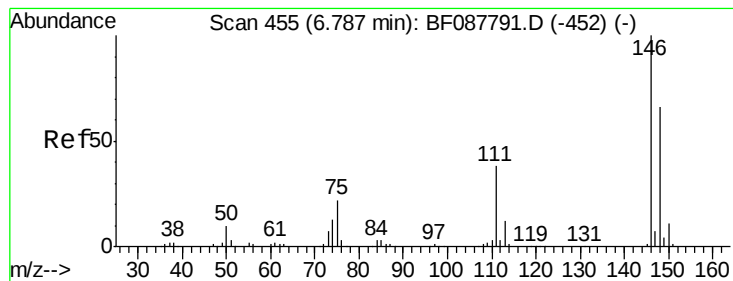
Ion Ratio Lower Upper

93 100

63 68.3 67.6 107.6

95 33.0 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 32.30 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.23 min

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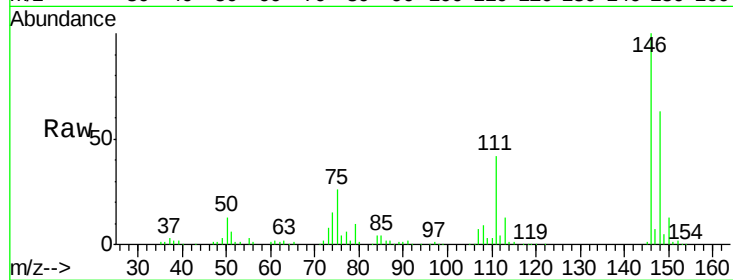
Tgt Ion:146 Resp: 205051

Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

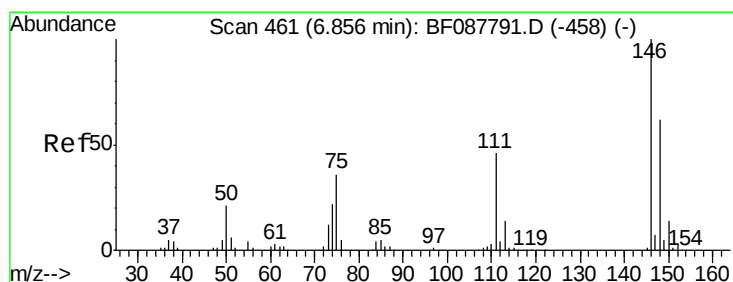
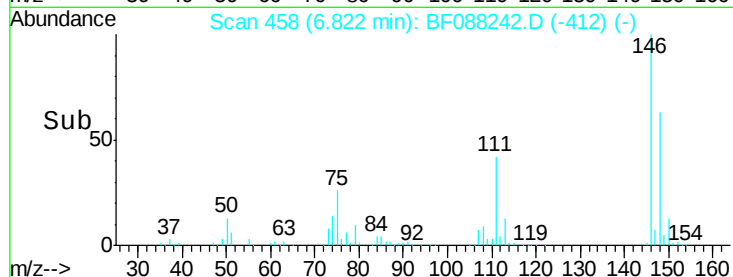
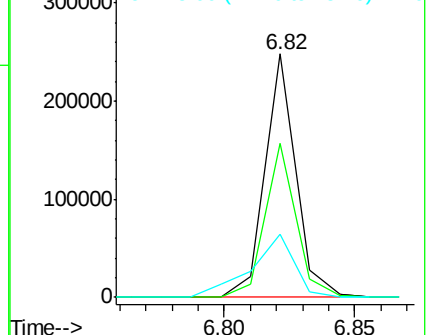
75 26.2 25.6 38.4



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: 32.48 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

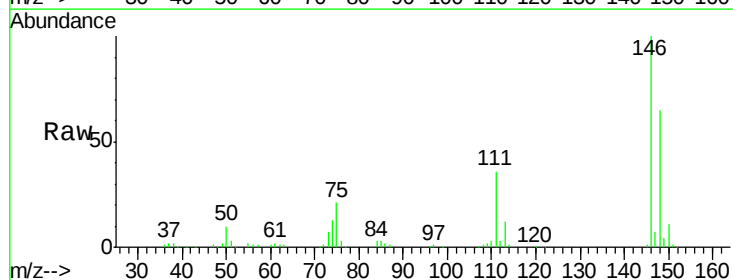
Tgt Ion:146 Resp: 207727

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

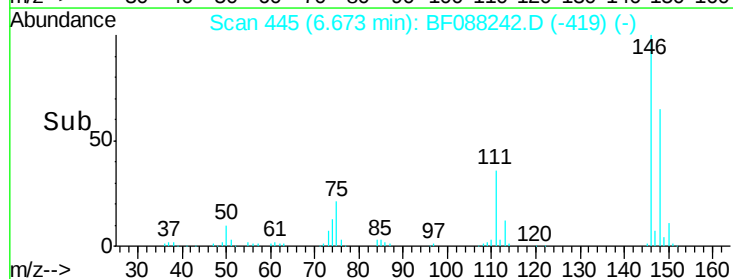
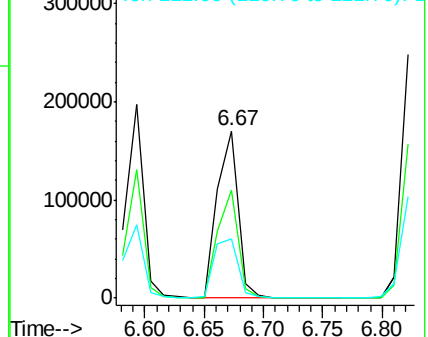
111 35.6 33.8 50.8



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: 35.31 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

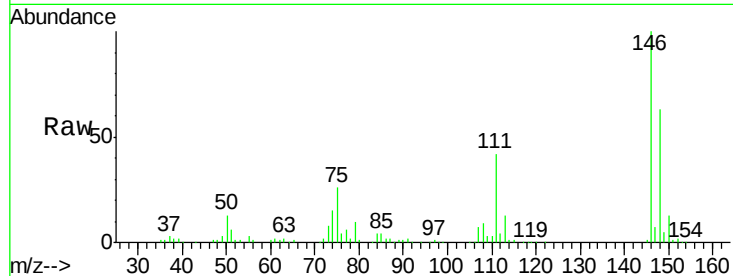
Tgt Ion:146 Resp: 205365

Ion Ratio Lower Upper

146 100

148 63.0 52.3 78.5

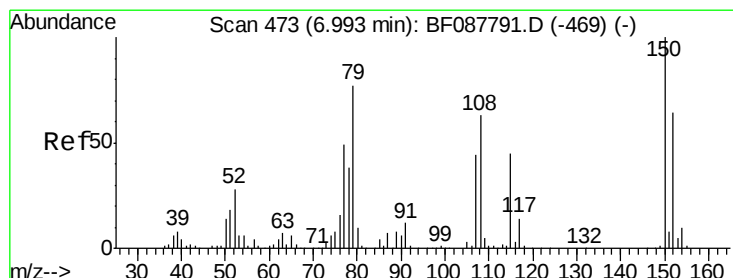
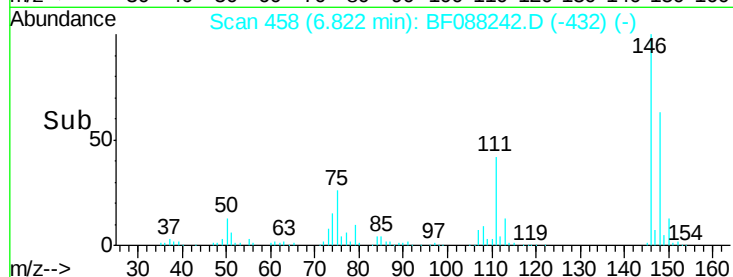
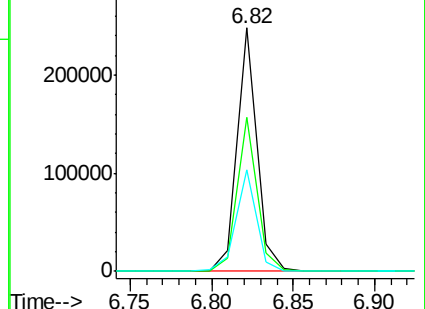
111 41.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 30.35 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

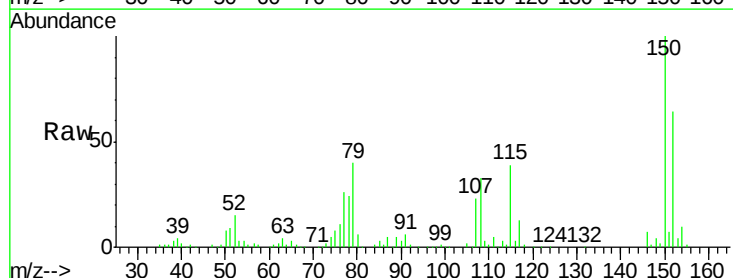
Tgt Ion: 79 Resp: 143859

Ion Ratio Lower Upper

79 100

108 82.0 65.0 97.6

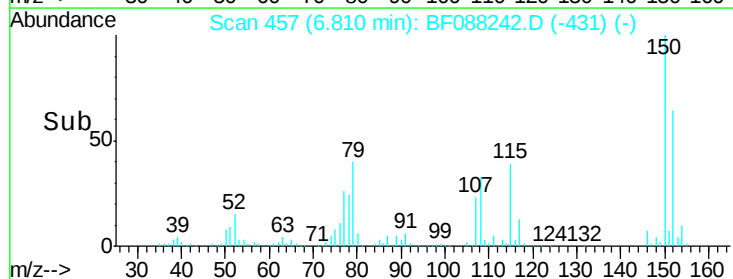
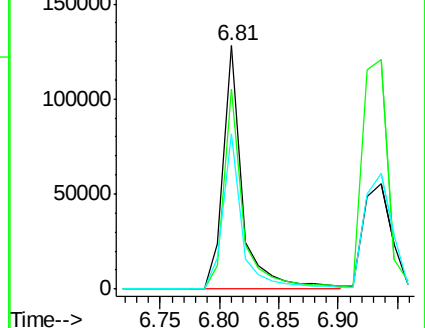
77 63.9 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

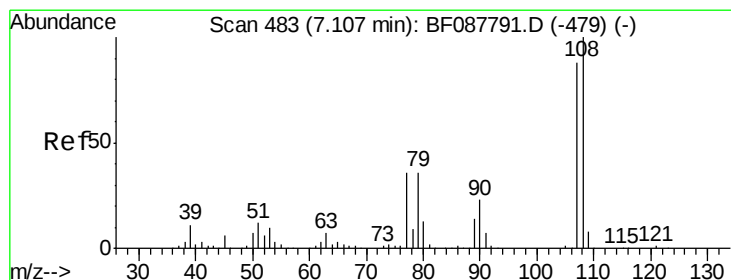
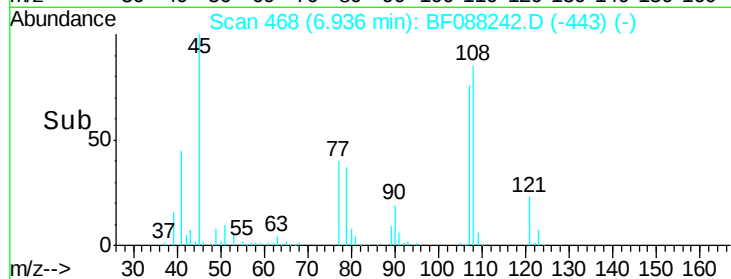
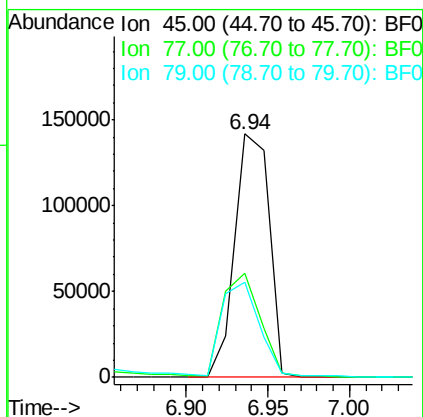
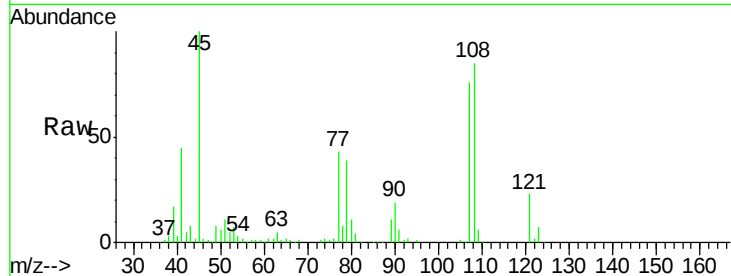




#16
2,2'-oxybis(1-chloropropane)
Concen: 28.81 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

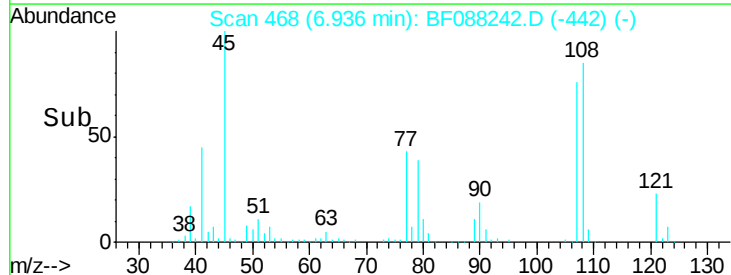
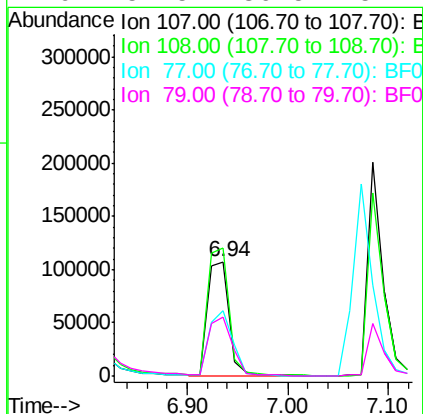
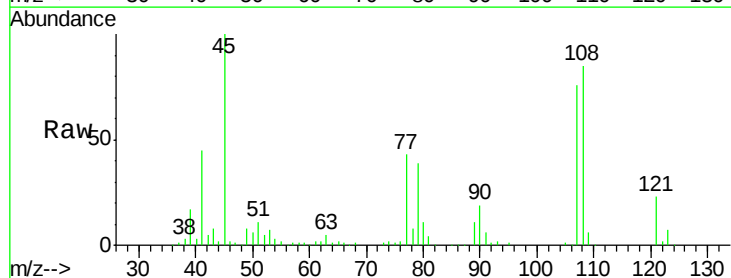
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

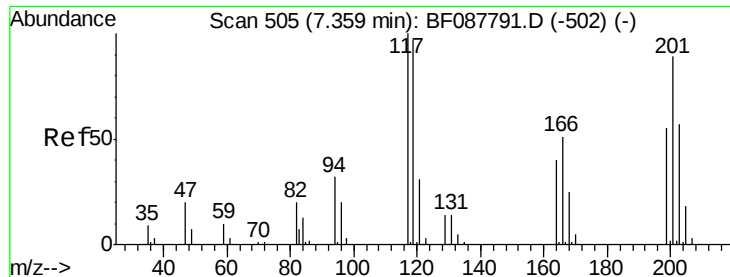
Tgt Ion: 45 Resp: 206740
Ion Ratio Lower Upper
45 100
77 43.0 0.0 32.5#
79 39.0 0.0 29.5#



#17
2-Methylphenol
Concen: 33.42 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion: 107 Resp: 160331
Ion Ratio Lower Upper
107 100
108 112.2 90.9 136.3
77 56.8 36.6 55.0#
79 51.5 36.5 54.7

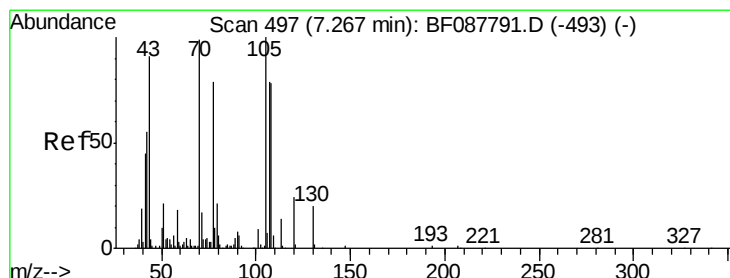
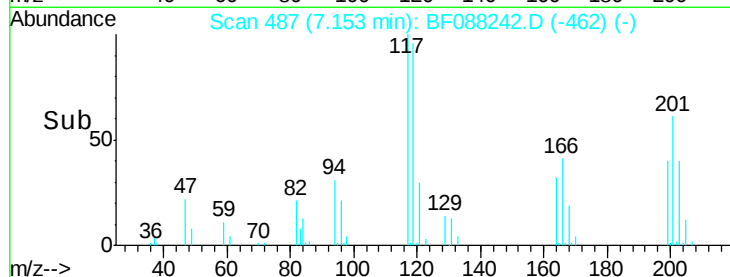
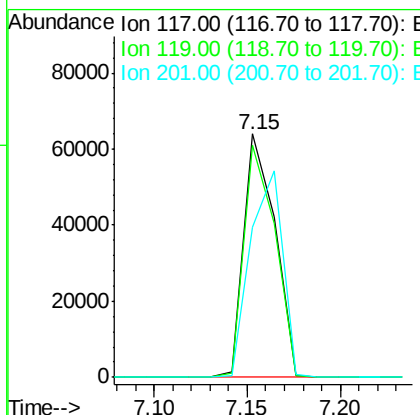
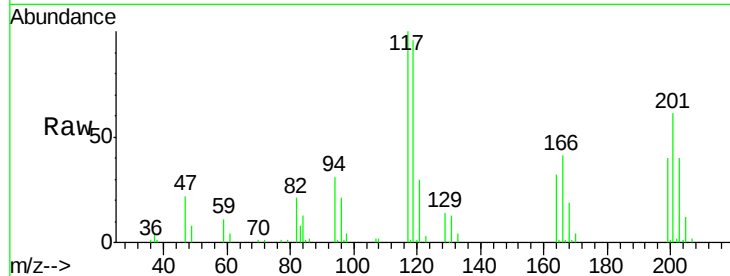




#18
Hexachloroethane
Concen: 32.54 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

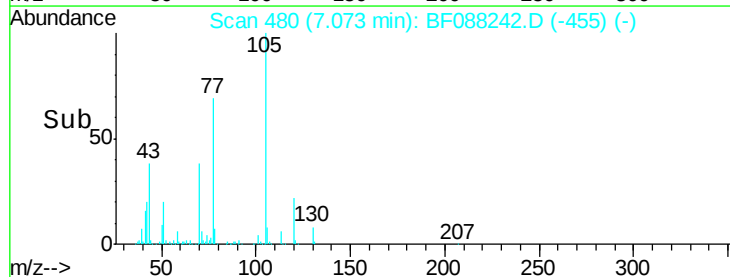
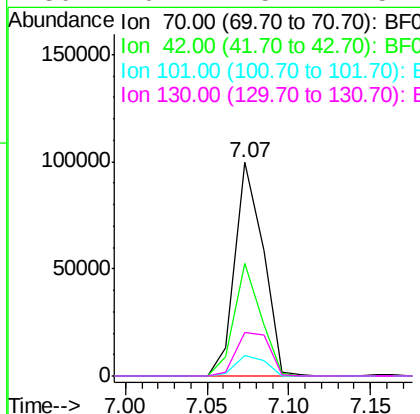
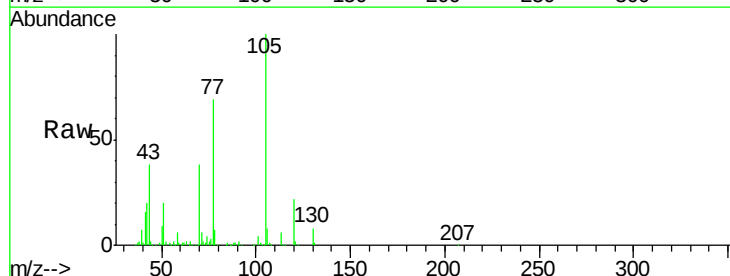
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

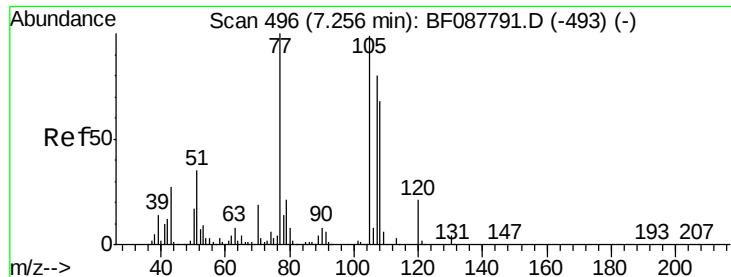
Tgt Ion: 117 Resp: 73836
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2
201 61.4 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 30.73 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion: 70 Resp: 119106
Ion Ratio Lower Upper
70 100
42 52.7 49.6 74.4
101 9.7 7.1 10.7
130 20.4 15.4 23.2





#20

3+4-Methylphenols

Concen: 38.52 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tgt Ion:107 Resp: 215663

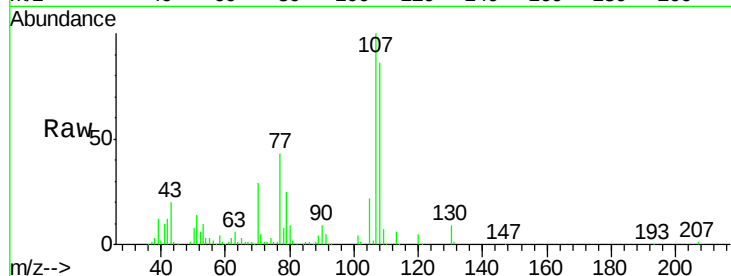
Ion Ratio Lower Upper

107 100

108 85.8 67.8 107.8

77 42.7 59.3 99.3#

79 24.7 7.0 47.0

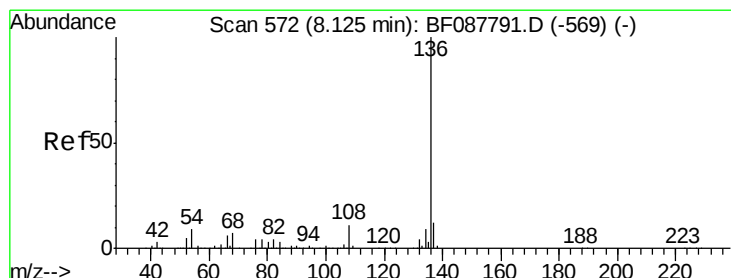
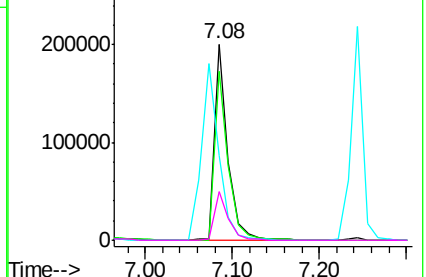
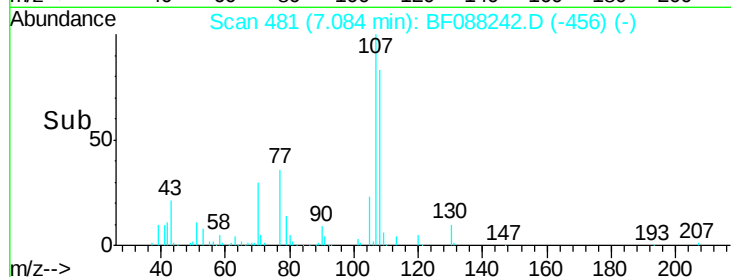


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:136 Resp: 337419

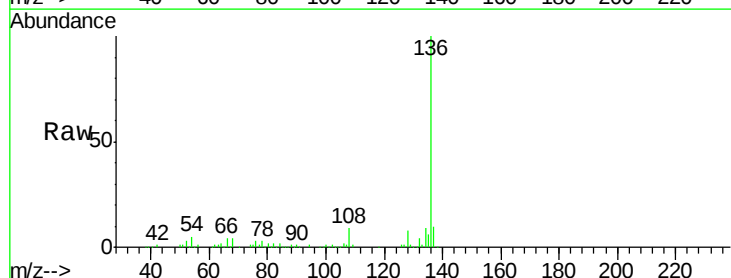
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 5.3 6.6 10.0#

68 4.5 5.1 7.7#

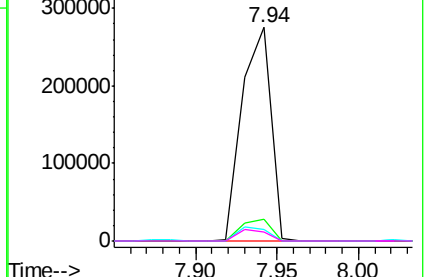
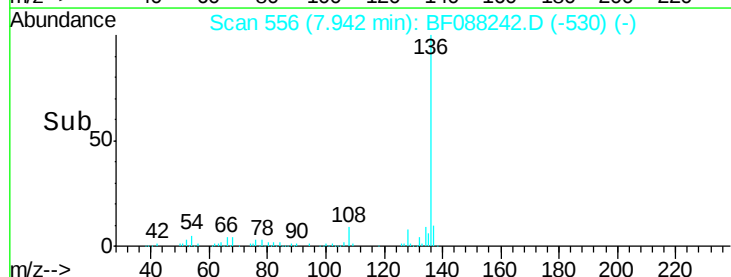


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.68 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tgt Ion: 105 Resp: 261525

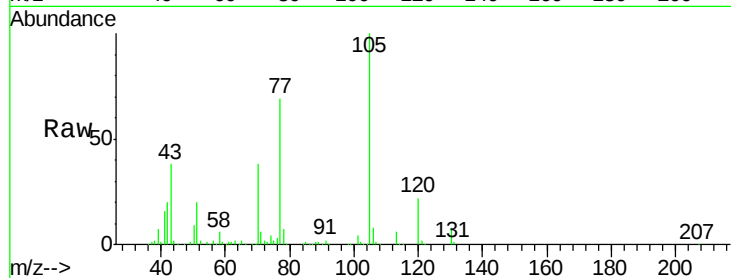
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 20.3 18.2 27.4

120 22.2 18.0 27.0

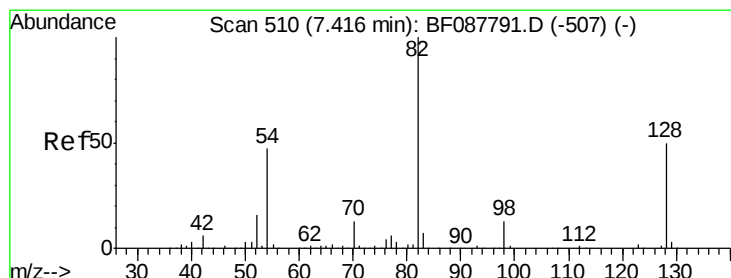
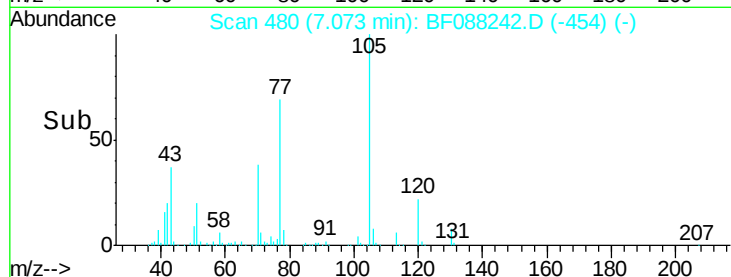
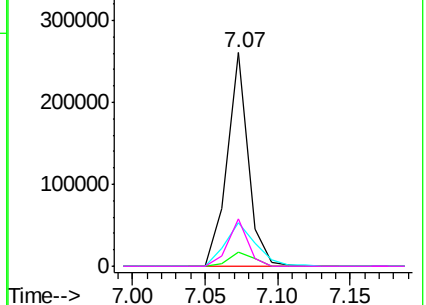


Abundance Ion 105.00 (104.70 to 105.70): E

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: 59.48 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

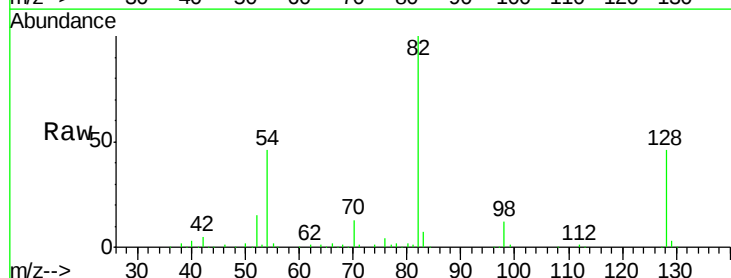
Tgt Ion: 82 Resp: 343710

Ion Ratio Lower Upper

82 100

128 46.2 35.9 53.9

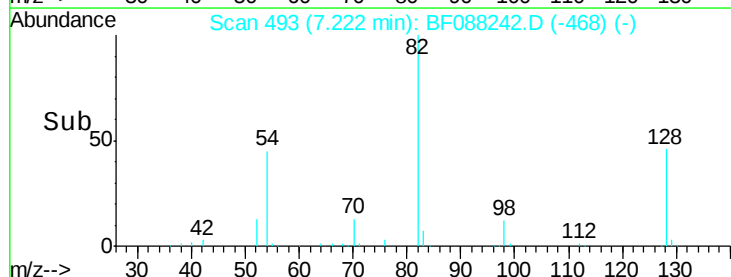
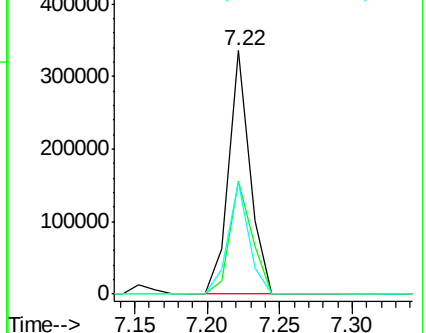
54 45.8 40.9 61.3

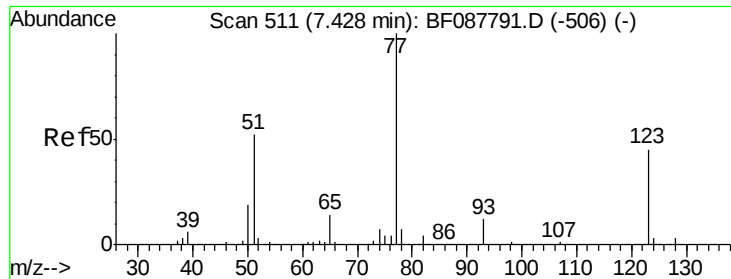


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

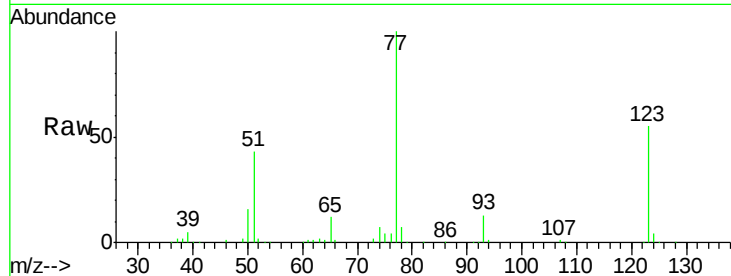




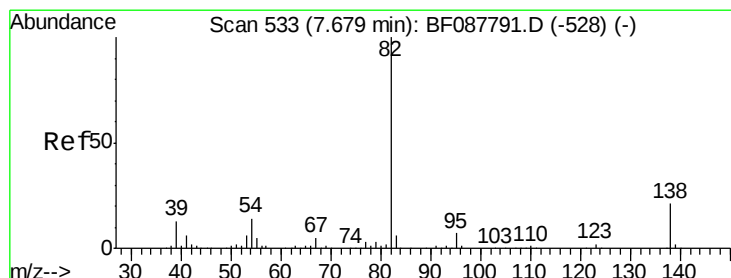
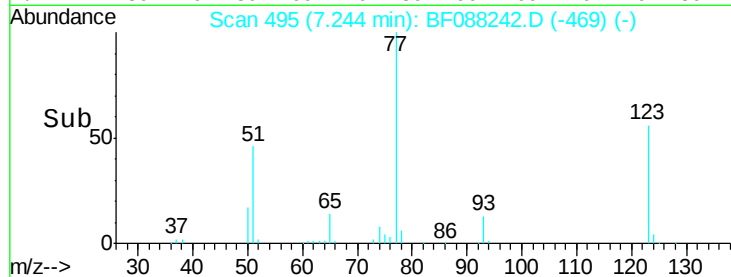
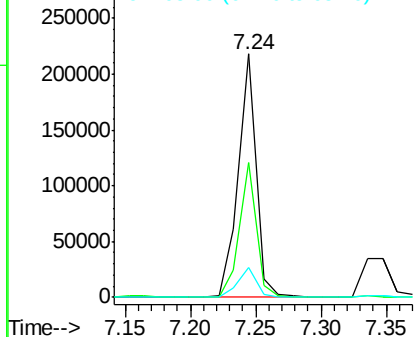
#24
 Nitrobenzene
 Concen: 37.17 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.2	45.0	67.4
65	12.5	10.2	15.2

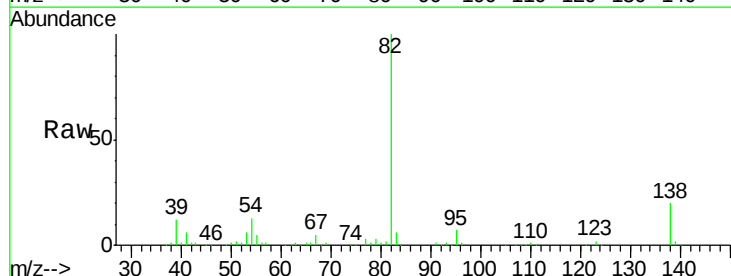


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

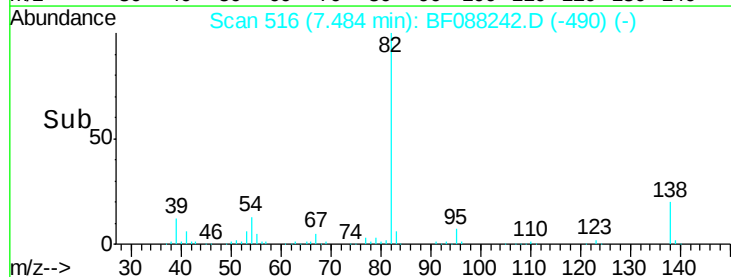
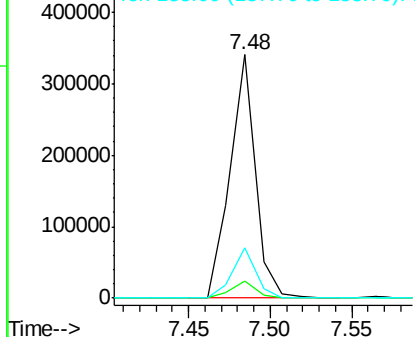


#25
 Isophorone
 Concen: 33.95 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	20.4	14.6	21.8



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

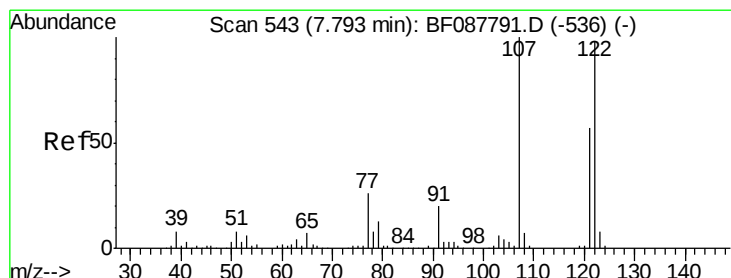
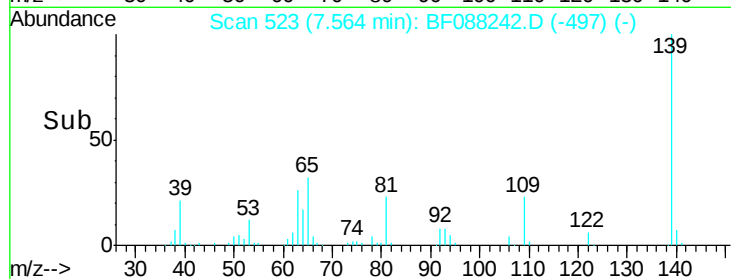
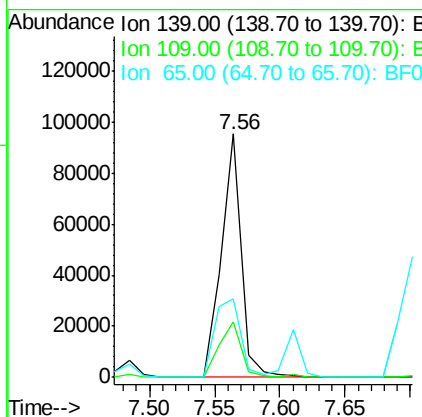
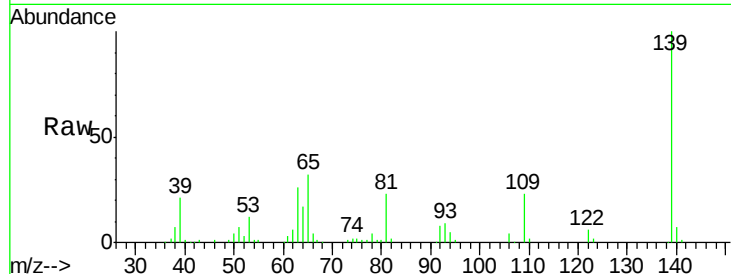




#26
2-Nitrophenol
Concen: 34.13 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

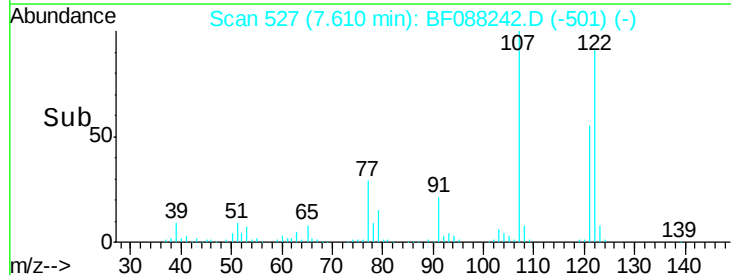
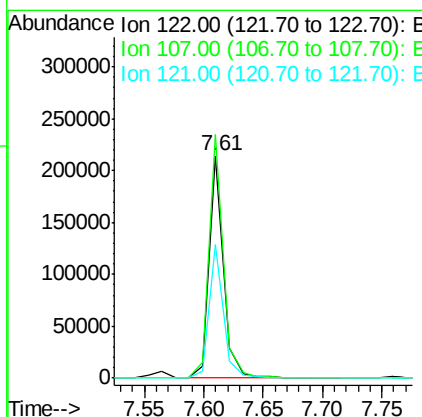
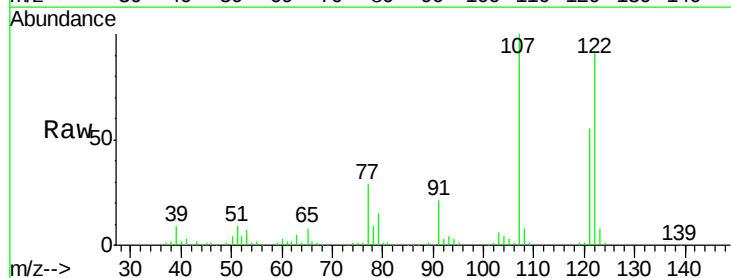
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion:139 Resp: 102336
Ion Ratio Lower Upper
139 100
109 23.0 23.0 34.4
65 32.2 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 32.85 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:122 Resp: 181354
Ion Ratio Lower Upper
122 100
107 109.5 82.4 123.6
121 59.8 46.3 69.5

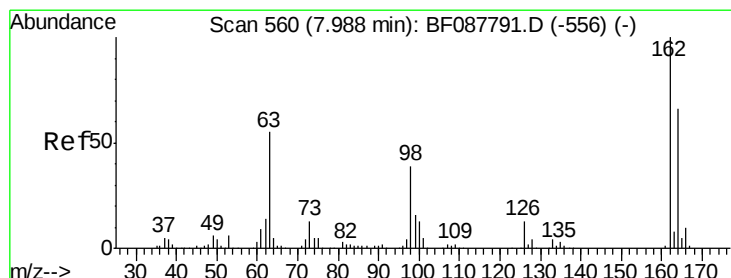
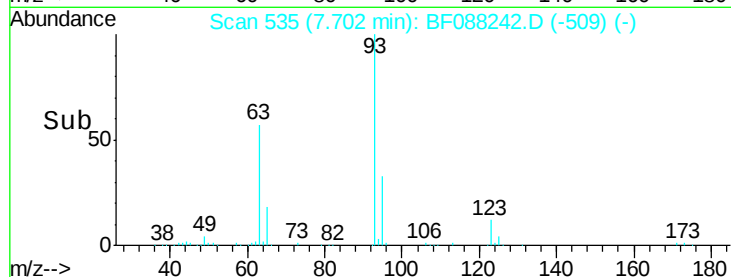
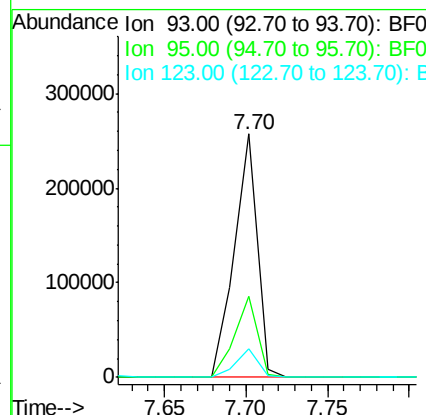
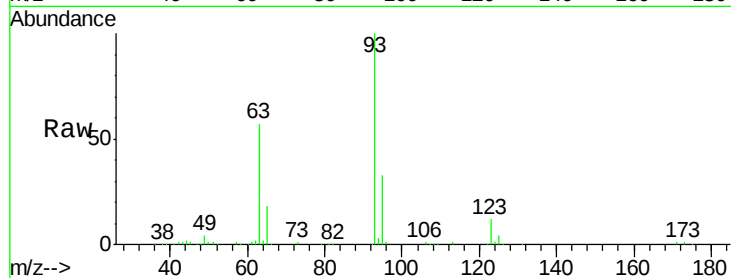




#28
bis(2-Chloroethoxy)methane
Concen: 37.47 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

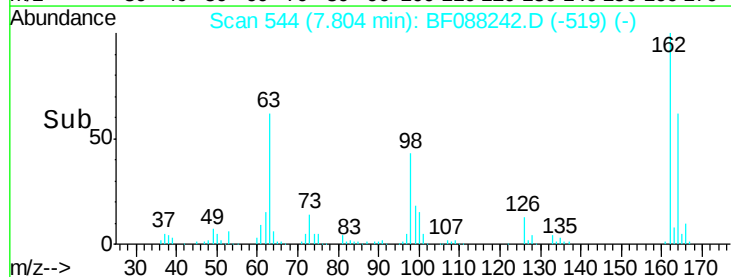
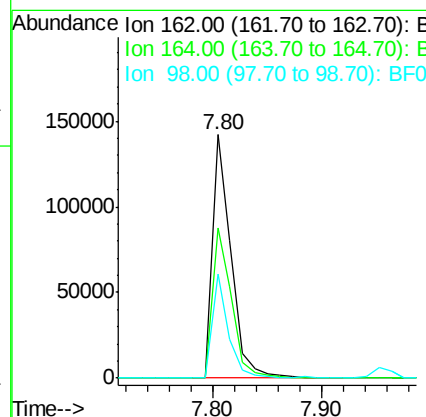
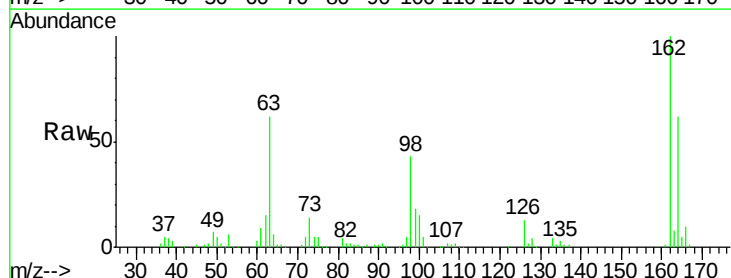
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

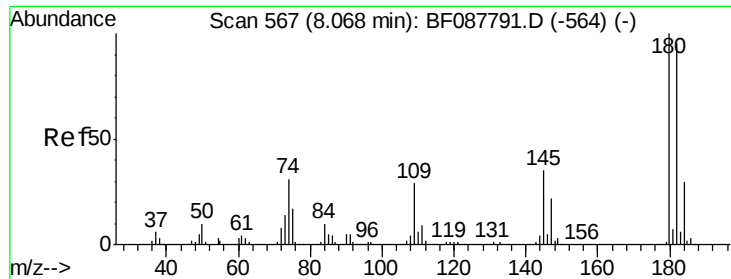
Tgt Ion: 93 Resp: 248716
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.9 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 36.83 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion: 162 Resp: 169757
Ion Ratio Lower Upper
162 100
164 61.8 43.8 83.8
98 43.0 21.3 61.3

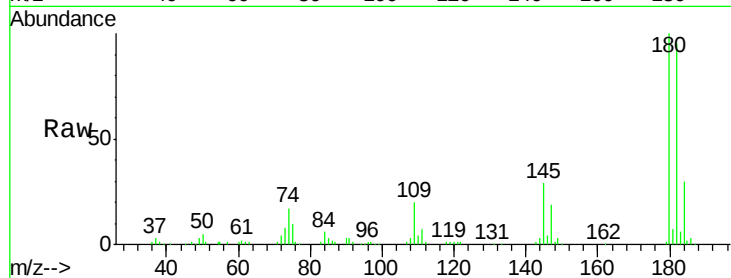




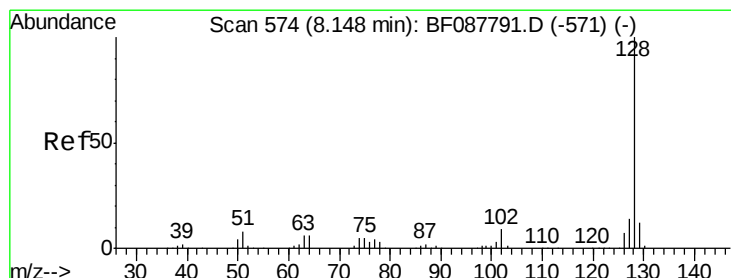
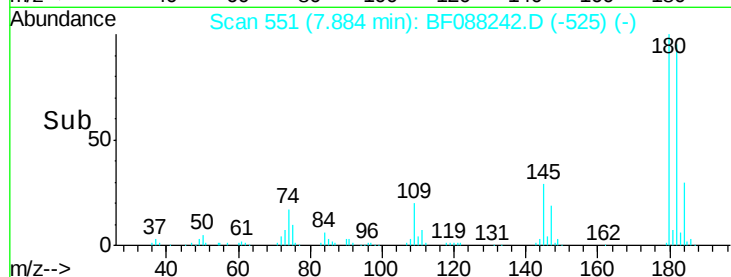
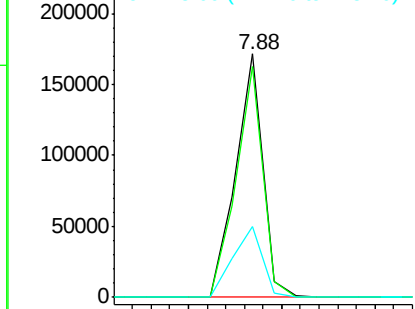
#30
 1,2,4-Trichlorobenzene
 Concen: 34.78 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:180 Resp: 174579
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 28.8 26.5 39.7

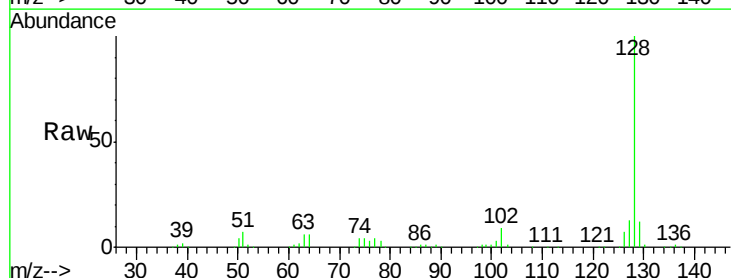


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

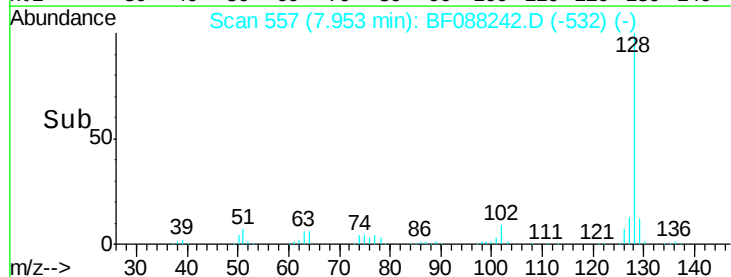
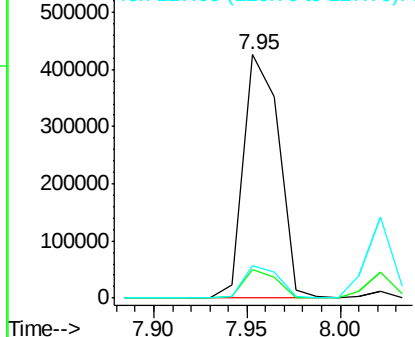


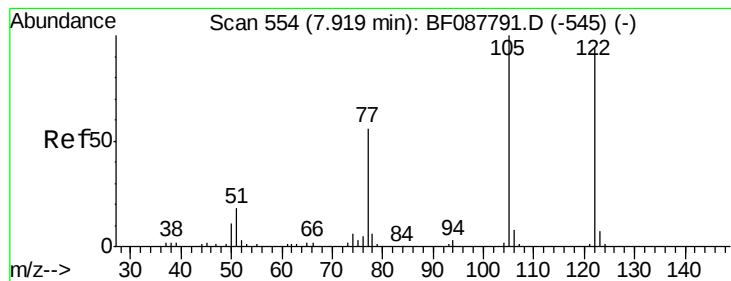
#31
 Naphthalene
 Concen: 33.58 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:128 Resp: 560759
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 59.66 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.15 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

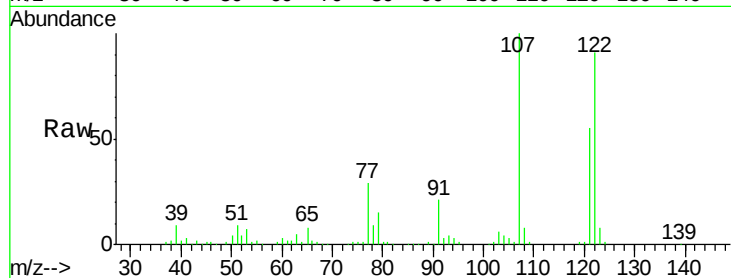
Tgt Ion:122 Resp: 181354

Ion Ratio Lower Upper

122 100

105 3.6 101.6 141.6#

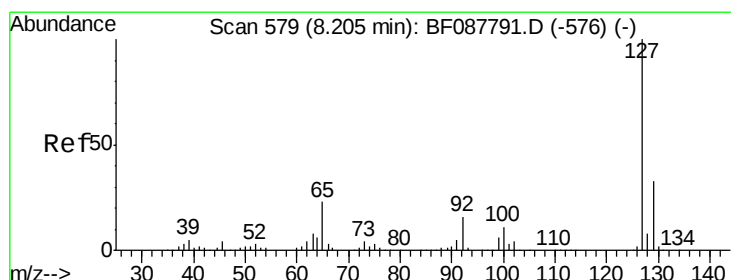
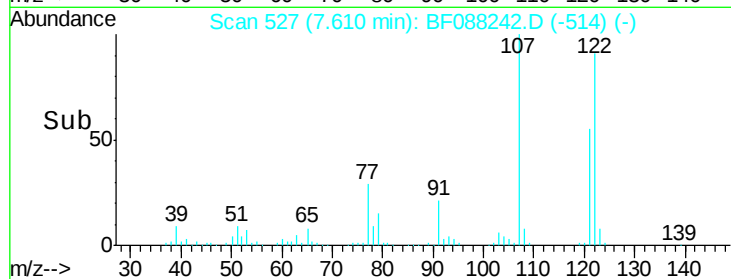
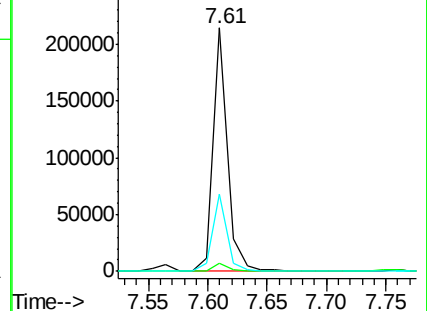
77 31.5 70.6 110.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 20.32 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:127 Resp: 151530

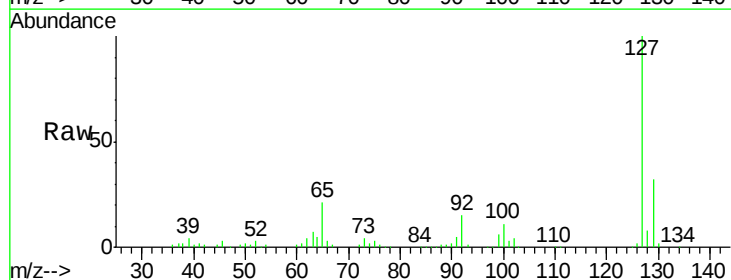
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 21.2 24.7 37.1#

92 15.3 15.4 23.0#

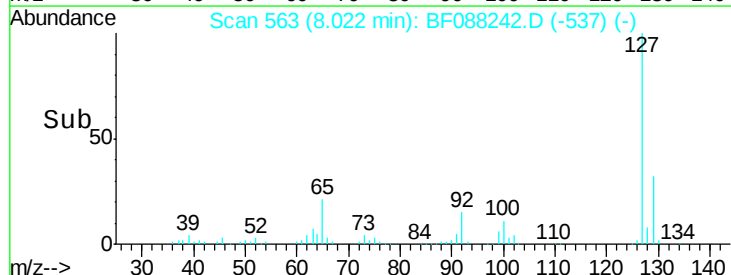
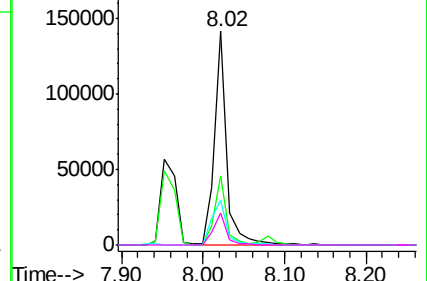


Abundance Ion 127.00 (126.70 to 127.70): E

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

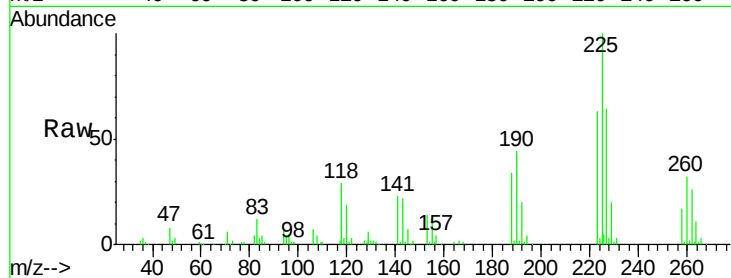




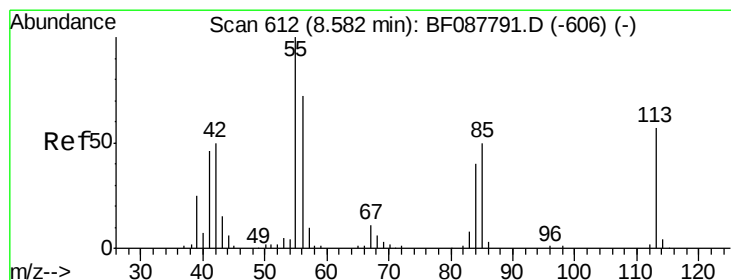
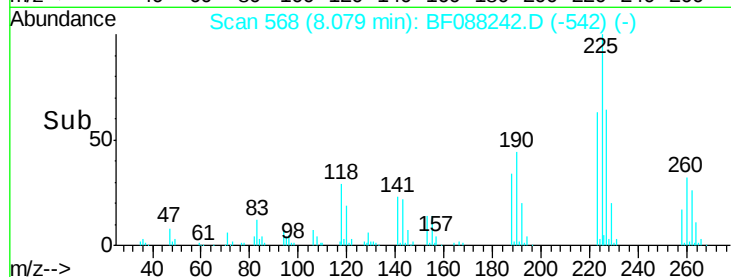
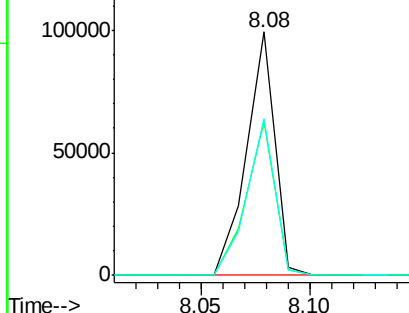
#34
Hexachlorobutadiene
Concen: 33.96 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion: 225 Resp: 89883
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 64.2 51.9 77.9

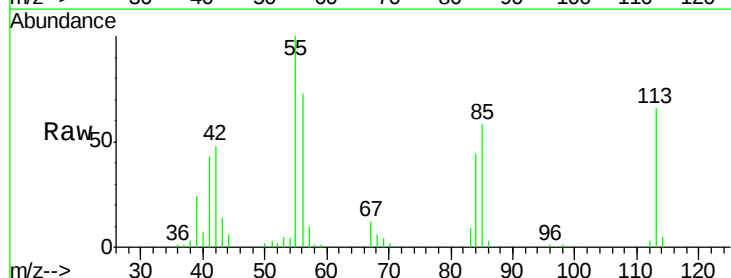


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

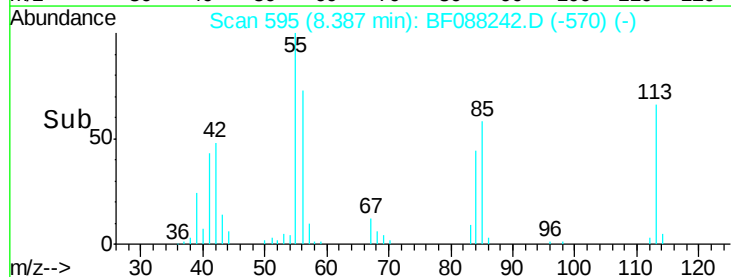
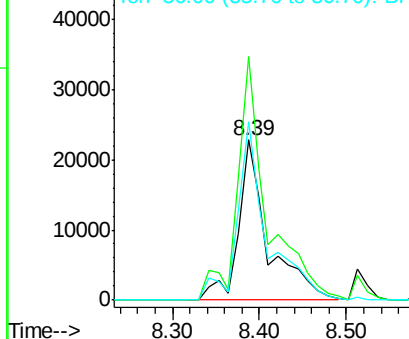


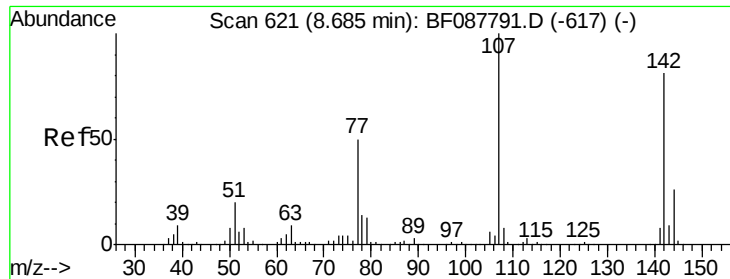
#35
Caprolactam
Concen: 35.26 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion: 113 Resp: 53828
Ion Ratio Lower Upper
113 100
55 152.1 158.6 198.6#
56 111.8 110.6 150.6



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

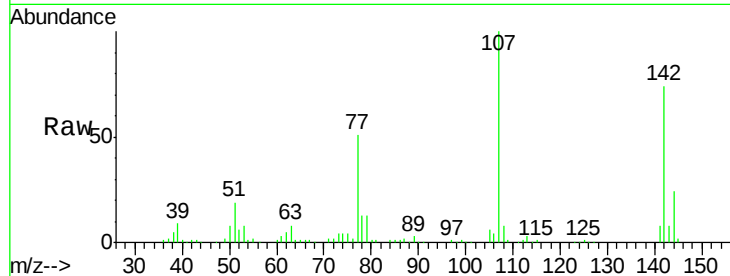




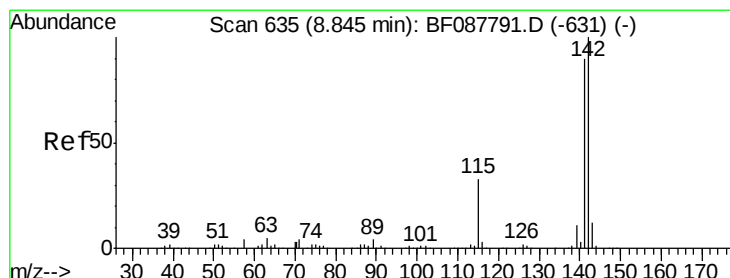
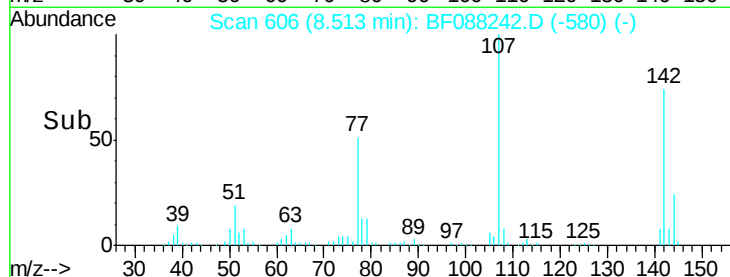
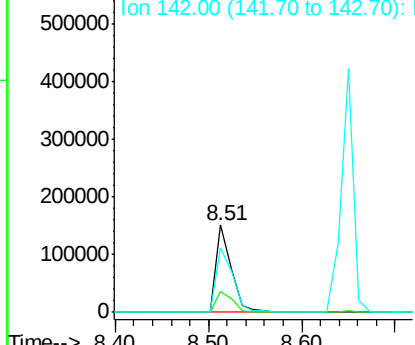
#36
 4-Chloro-3-methylphenol
 Concen: 34.02 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:107 Resp: 167689
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.8 31.2
 142 74.1 63.4 95.2

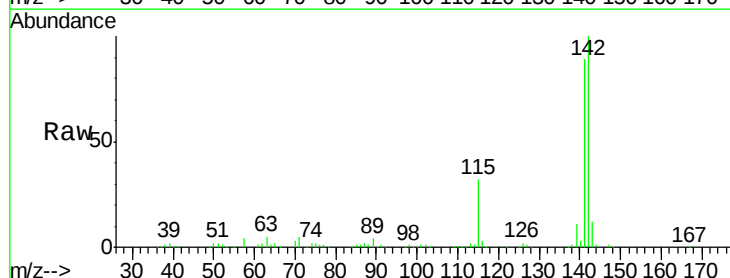


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

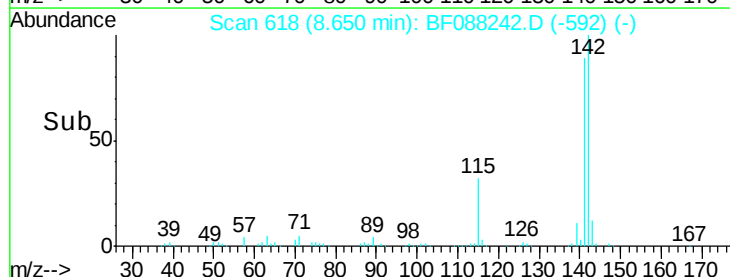
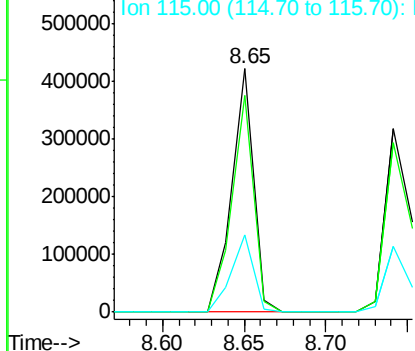


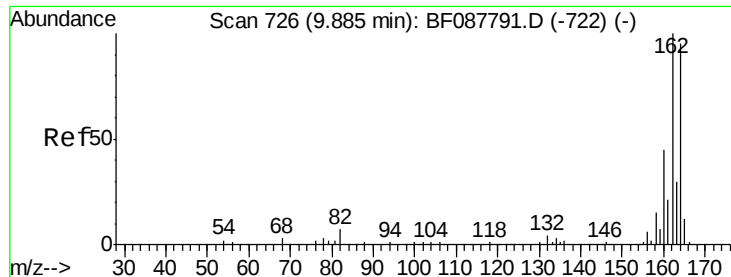
#37
 2-Methylnaphthalene
 Concen: 35.28 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:142 Resp: 388329
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 31.8 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

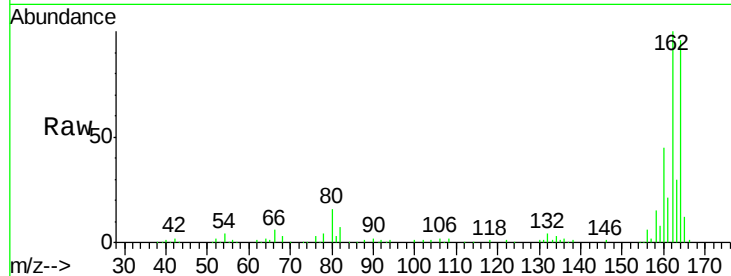




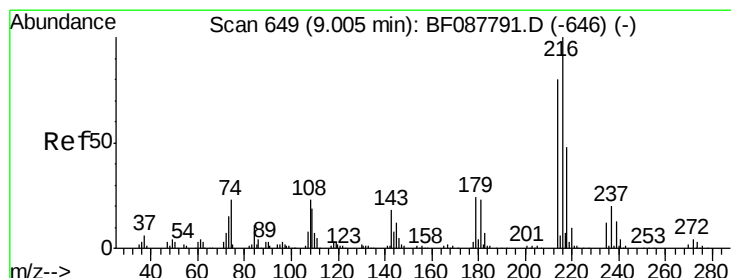
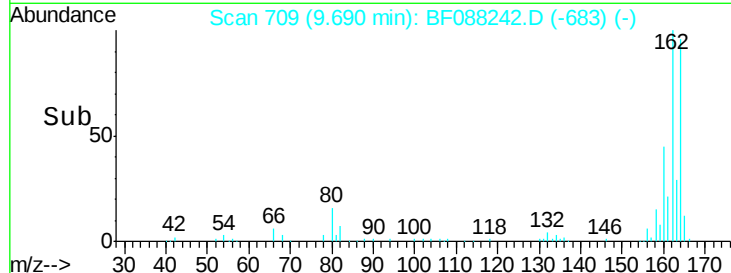
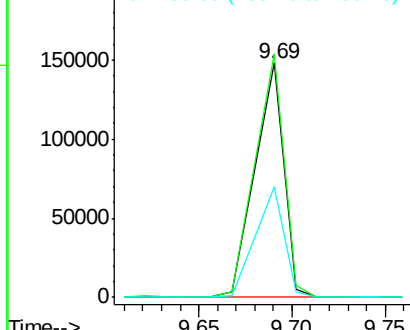
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:164 Resp: 157270
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 47.2 39.5 59.3

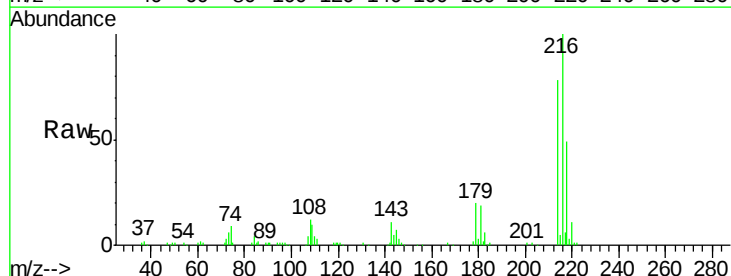


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

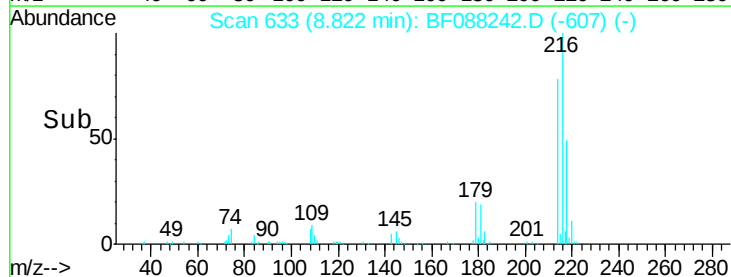
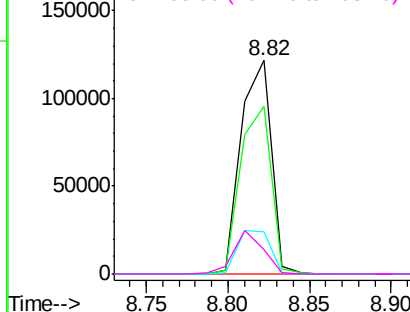


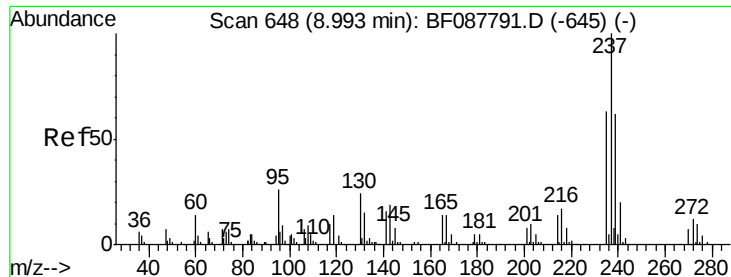
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.55 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:216 Resp: 156054
 Ion Ratio Lower Upper
 216 100
 214 79.3 2.9 4.3#
 179 22.3 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

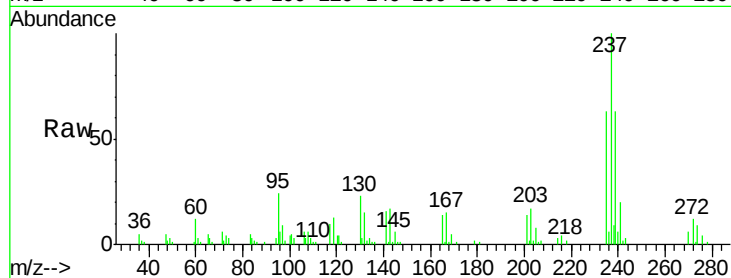




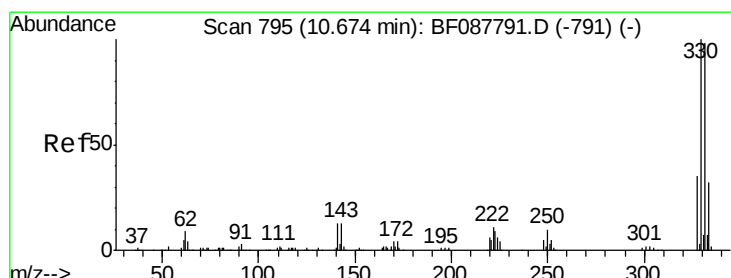
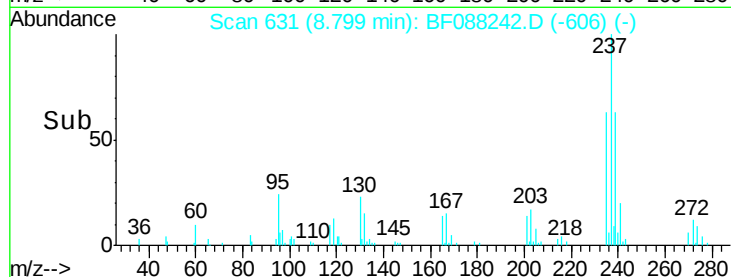
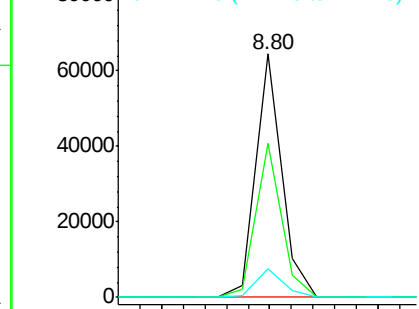
#40
Hexachlorocyclopentadiene
Concen: 21.09 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion: 237 Resp: 53492
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 11.8 0.0 32.3

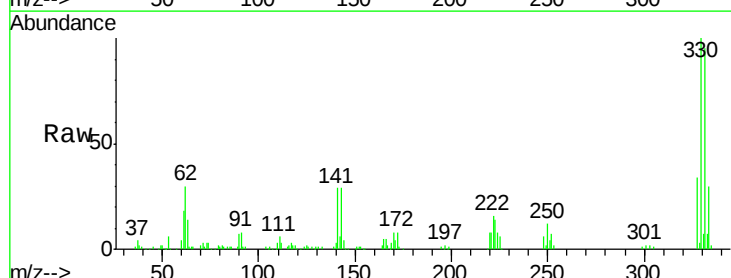


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

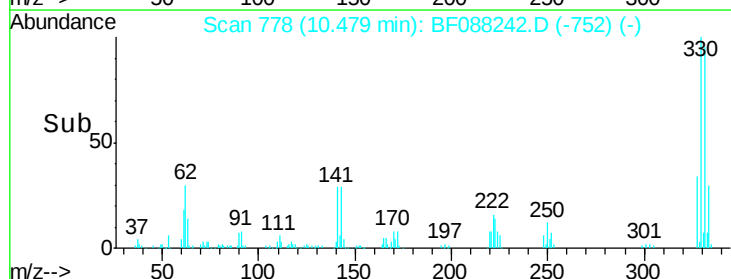
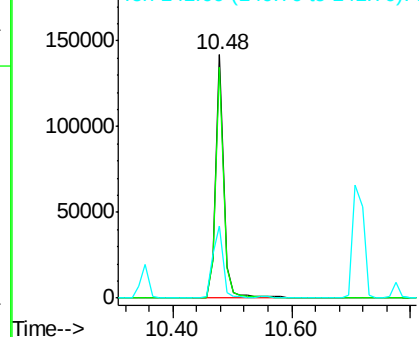


#41
2,4,6-Tribromophenol
Concen: 81.35 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion: 330 Resp: 135093
Ion Ratio Lower Upper
330 100
332 95.1 0.0 0.0#
141 37.5 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

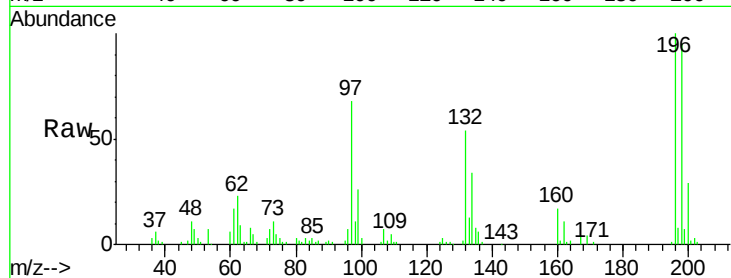




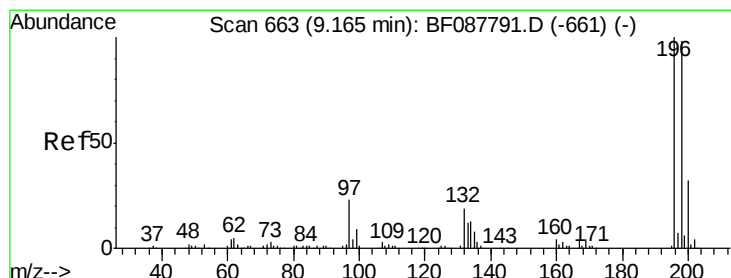
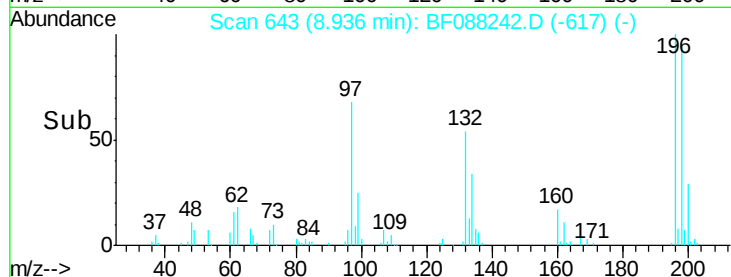
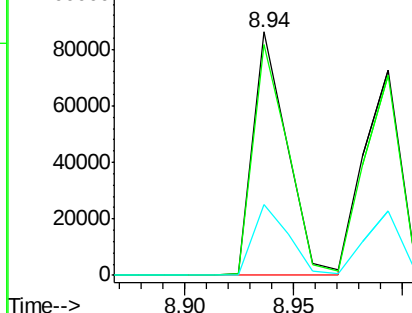
#42
 2,4,6-Trichlorophenol
 Concen: 29.95 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:196 Resp: 94200
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.0 117.0
 200 28.9 25.4 38.2



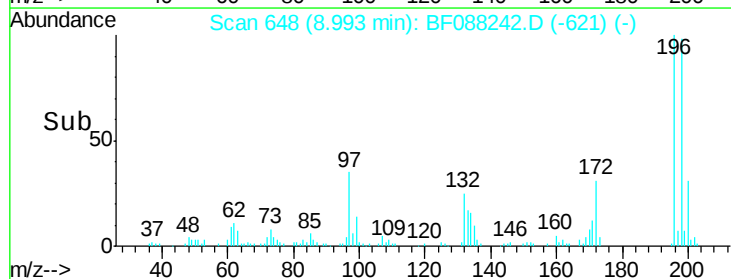
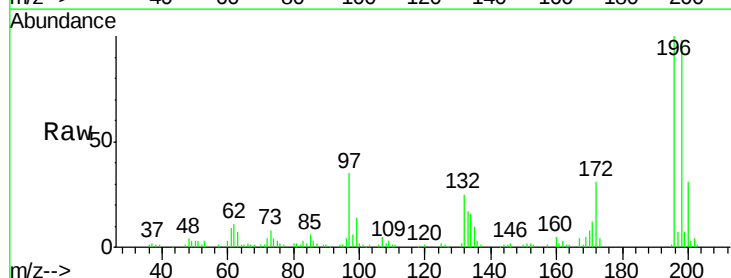
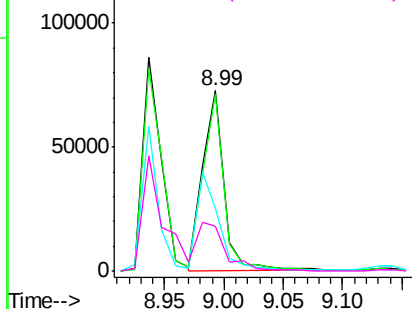
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

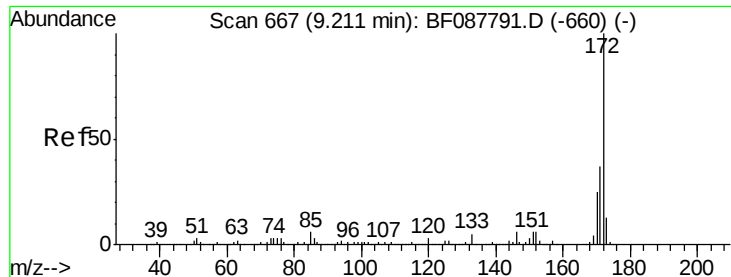


#43
 2,4,5-Trichlorophenol
 Concen: 28.06 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:196 Resp: 91820
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.5 116.3
 97 35.0 32.0 48.0
 132 24.7 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: 67.40 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

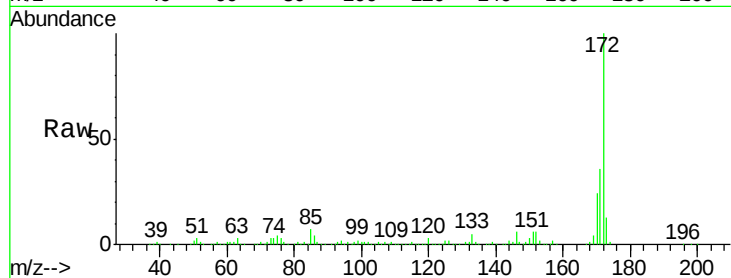
Tgt Ion:172 Resp: 686202

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

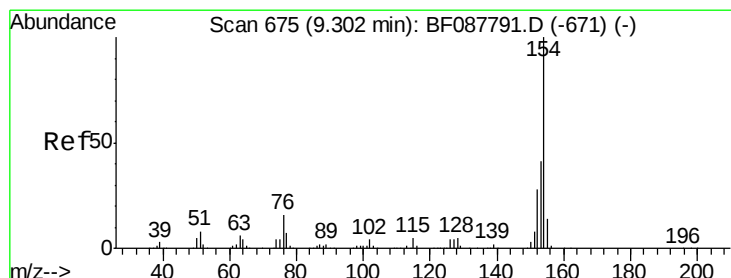
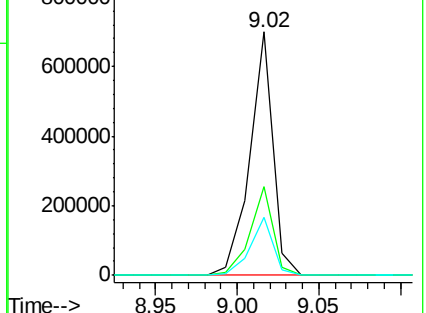
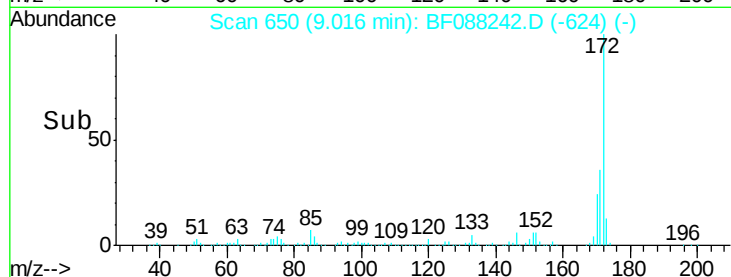
170 23.8 19.2 28.8



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: 38.22 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

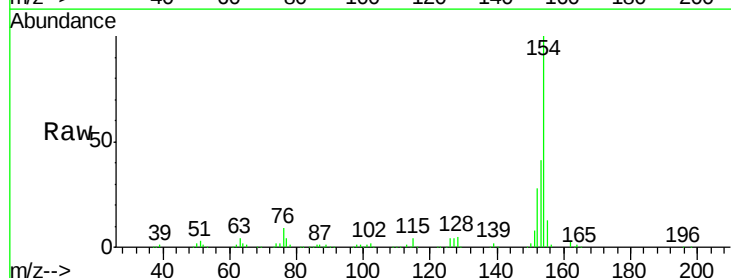
Tgt Ion:154 Resp: 462187

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

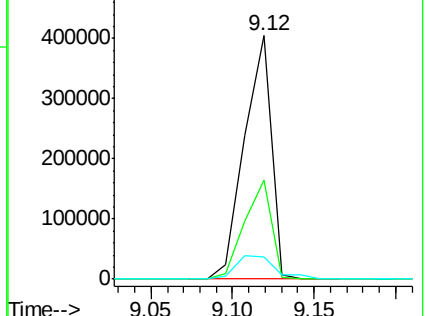
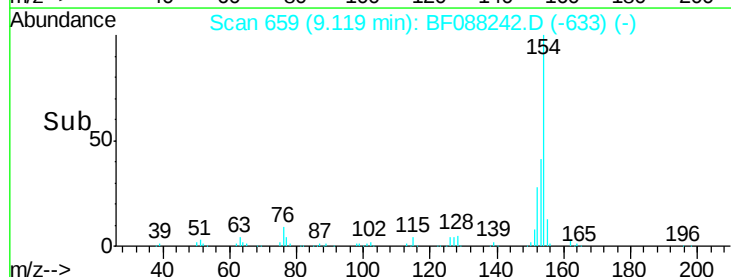
76 8.9 0.0 35.1

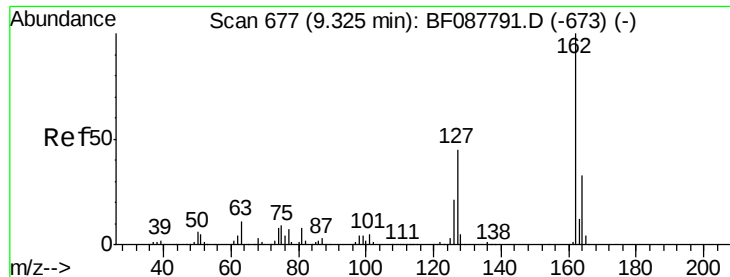


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

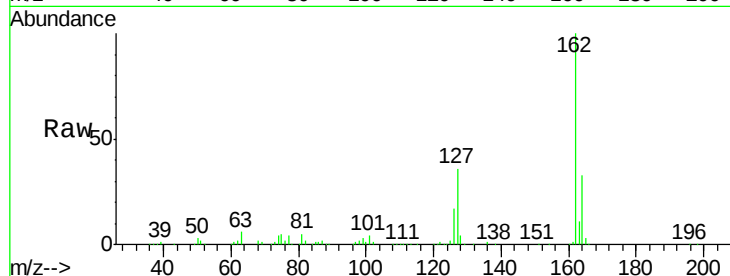




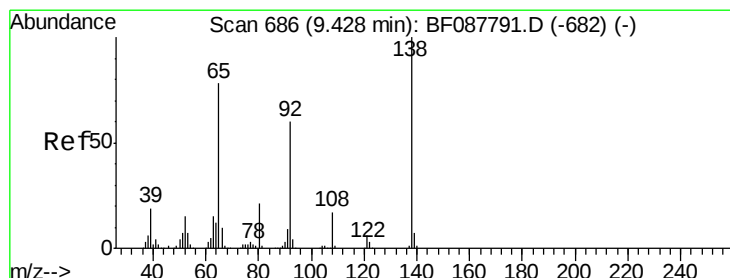
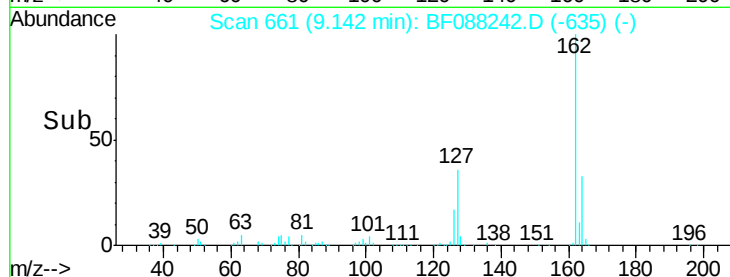
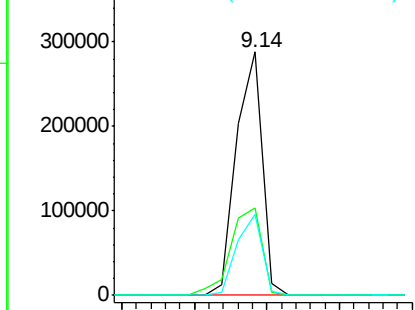
#46
 2-Chloronaphthalene
 Concen: 34.98 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion: 162 Resp: 355952
 Ion Ratio Lower Upper
 162 100
 127 36.2 35.2 52.8
 164 33.2 26.6 39.8

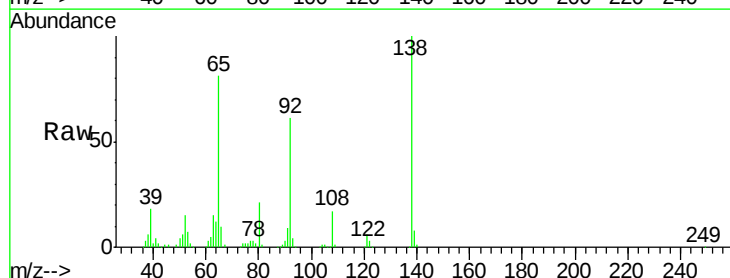


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

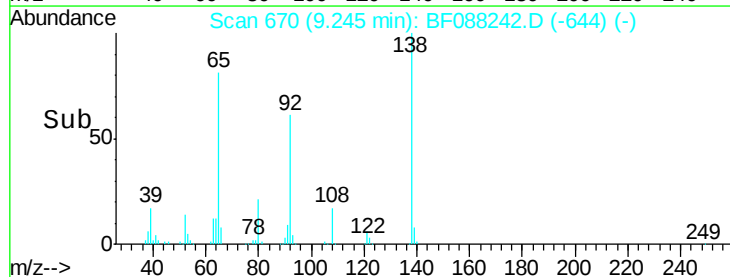
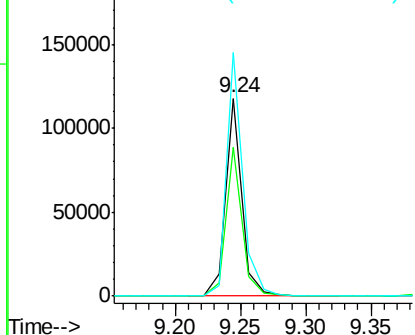


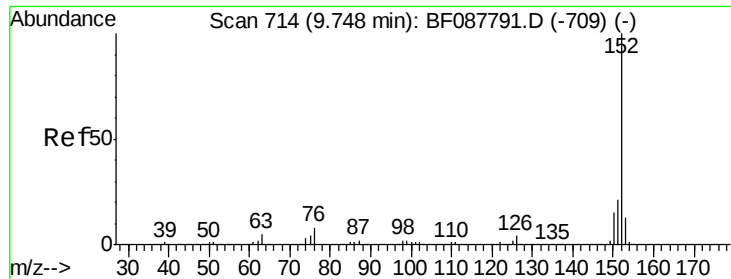
#47
 2-Nitroaniline
 Concen: 34.26 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion: 65 Resp: 102841
 Ion Ratio Lower Upper
 65 100
 92 75.1 54.6 82.0
 138 122.9 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): E





#48

Acenaphthylene

Concen: 34.14 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

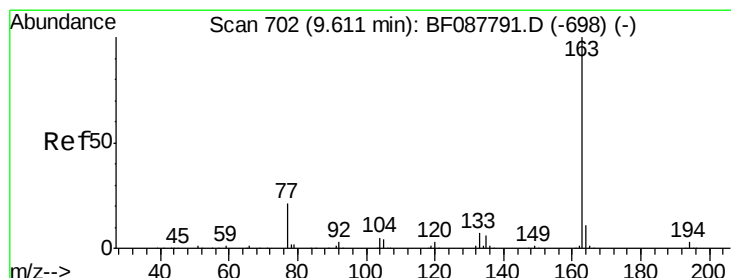
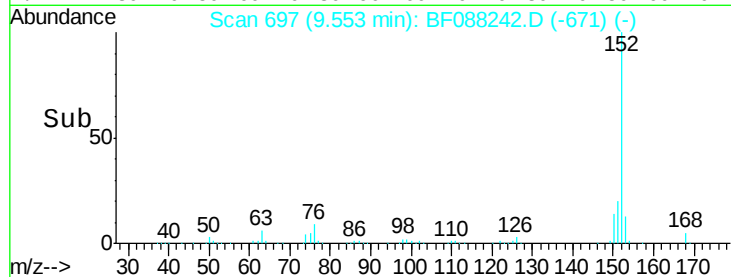
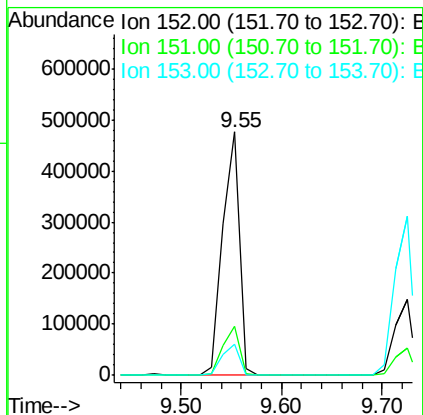
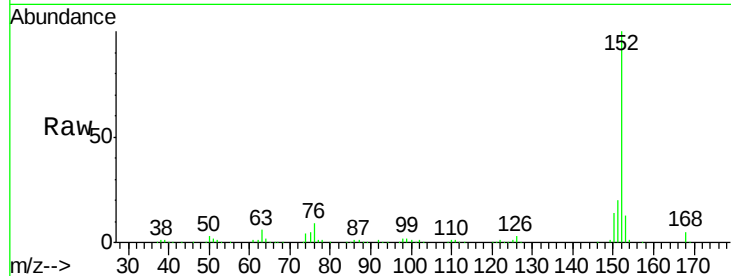
Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tgt Ion:	152	Resp:	552597
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	11.0	16.6



#49

Dimethylphthalate

Concen: 56.67 ng

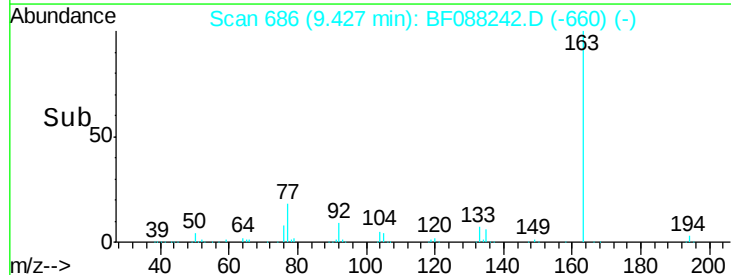
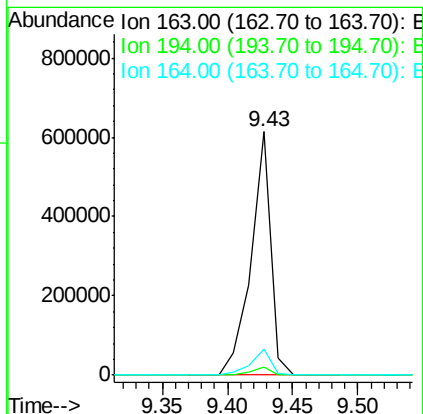
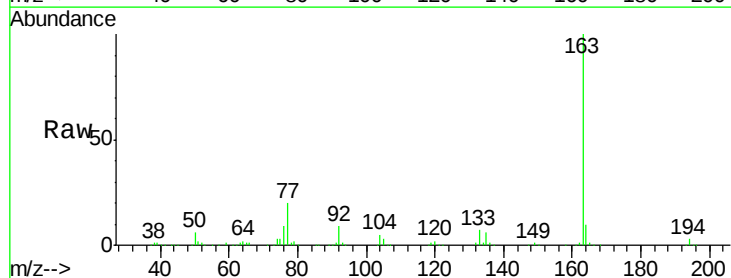
RT: 9.43 min Scan# 686

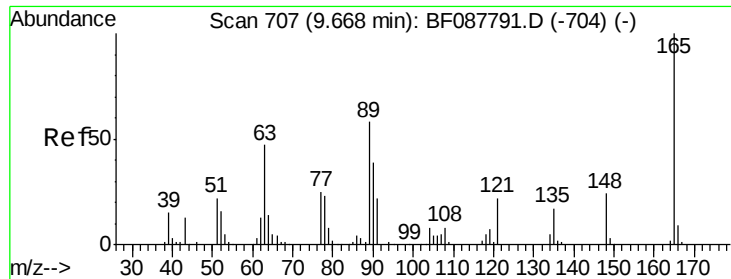
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	163	Resp:	645638
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.4	8.3	12.5

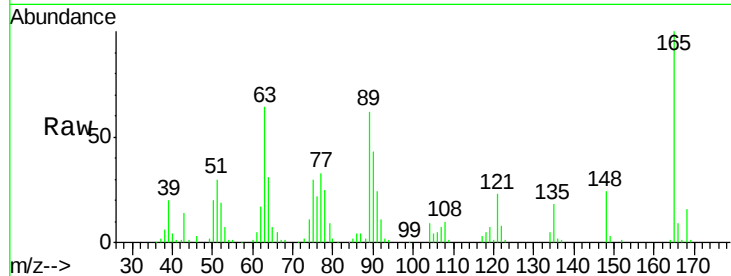




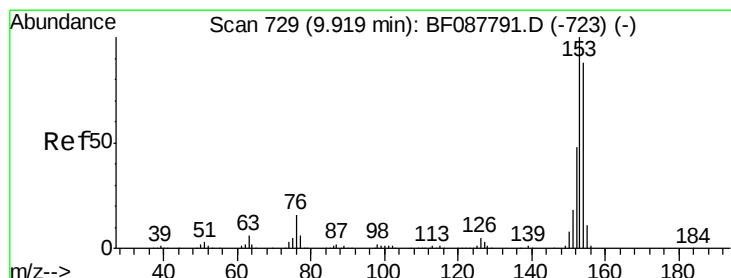
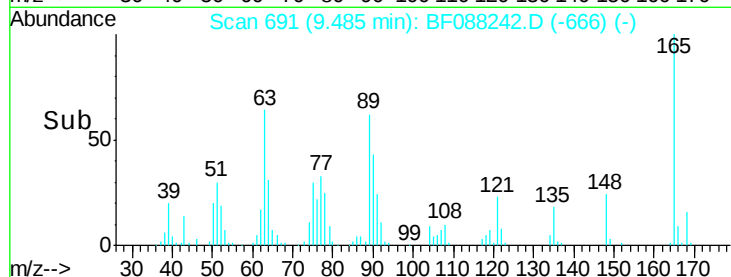
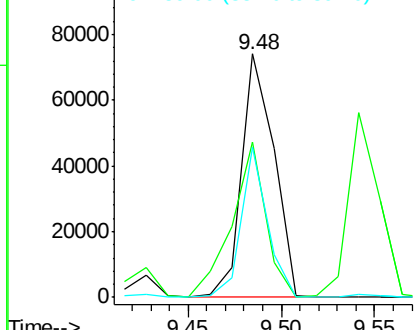
#50
2,6-Dinitrotoluene
Concen: 34.12 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion:165 Resp: 89021
Ion Ratio Lower Upper
165 100
63 64.0 28.1 42.1#
89 61.5 32.2 48.2#

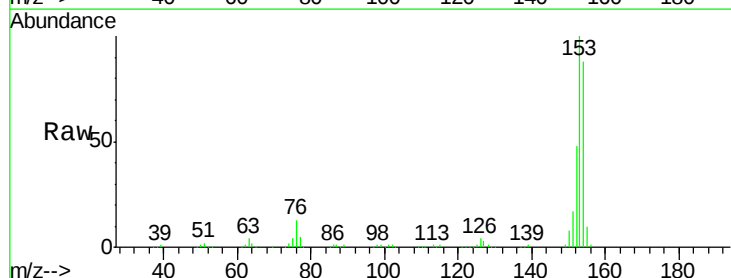


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

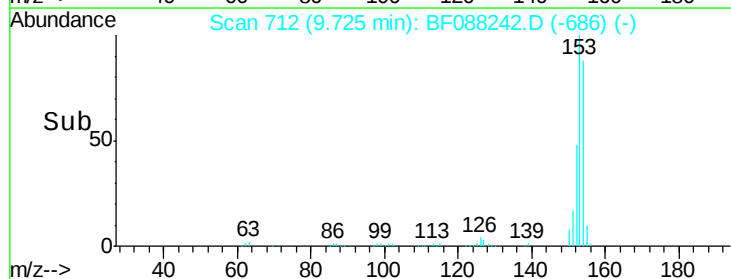
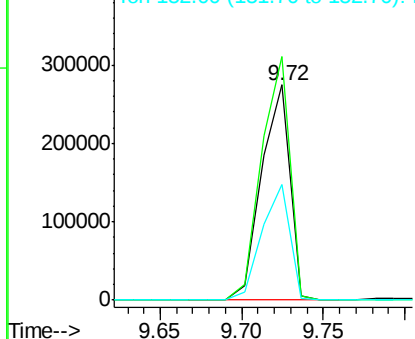


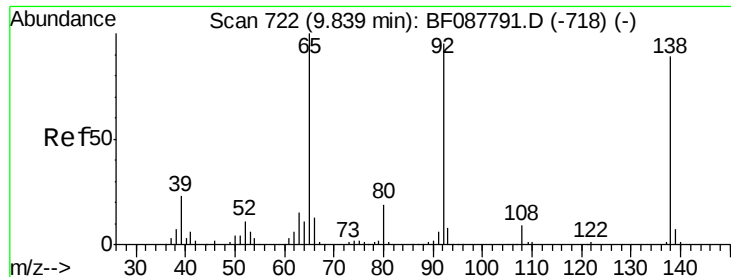
#51
Acenaphthene
Concen: 32.81 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:154 Resp: 331324
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 53.8 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

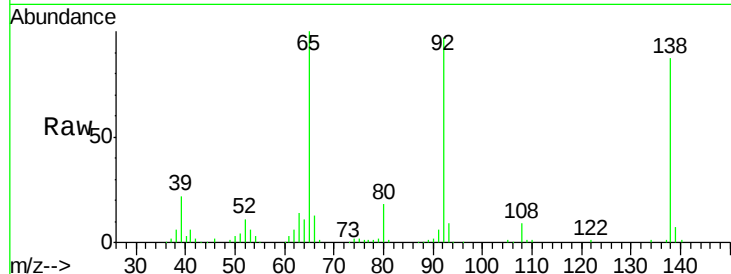




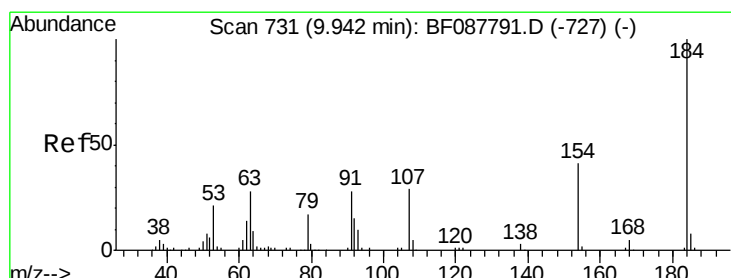
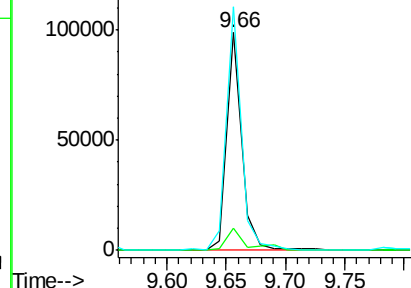
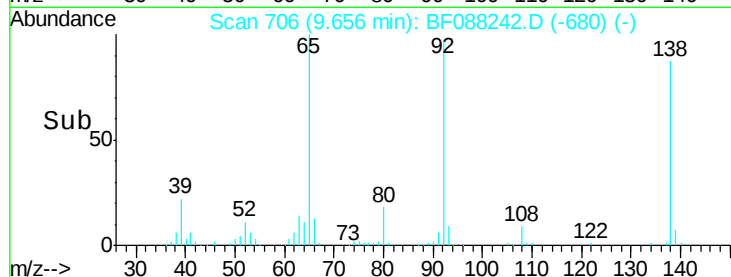
#52
 3-Nitroaniline
 Concen: 28.31 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:138 Resp: 85228
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.5 12.7
 92 111.7 95.7 143.5

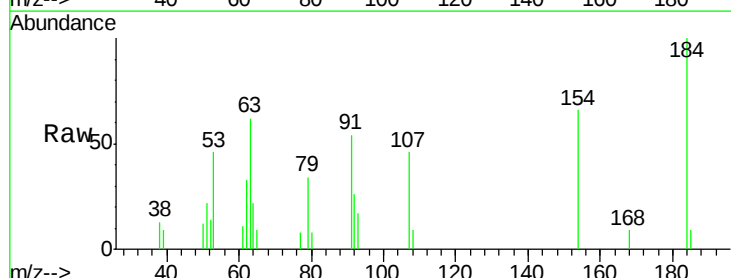


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

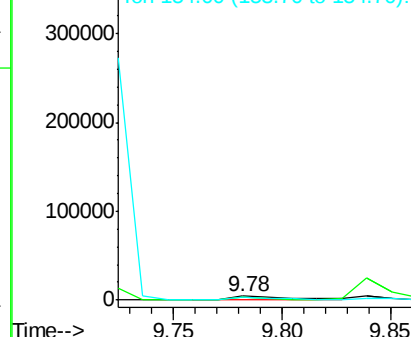
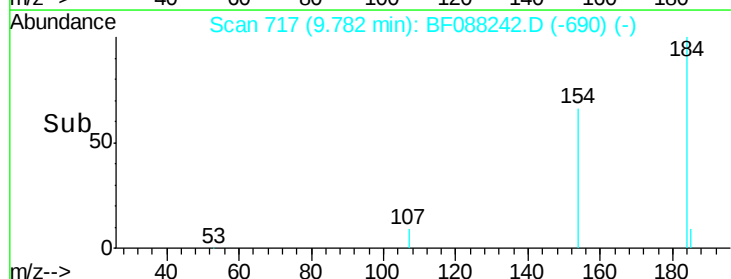


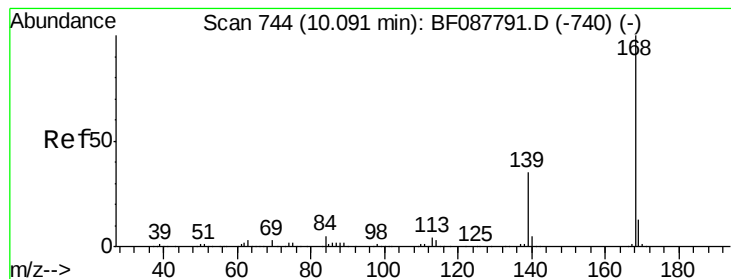
#53
 2,4-Dinitrophenol
 Concen: 10.09 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:184 Resp: 8388
 Ion Ratio Lower Upper
 184 100
 63 62.0 57.6 86.4
 154 66.0 53.5 80.3



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





#54

Dibenzofuran

Concen: 34.17 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

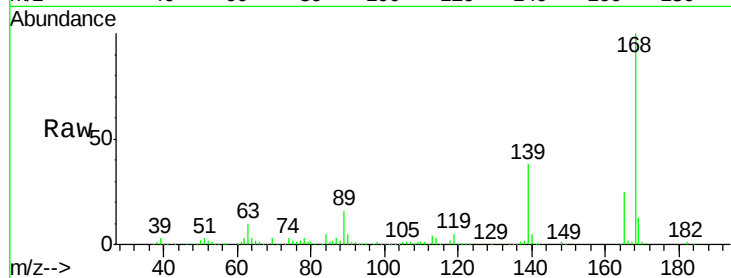
Tgt Ion:168 Resp: 475243

Ion Ratio Lower Upper

168 100

139 37.5 26.4 39.6

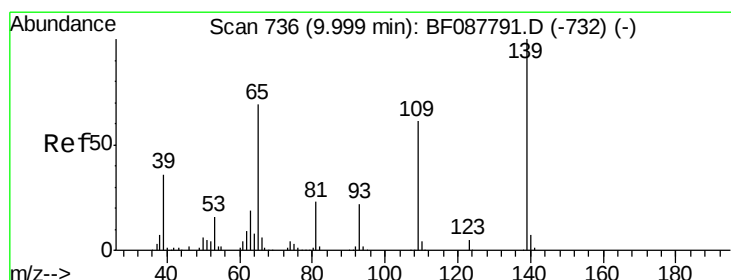
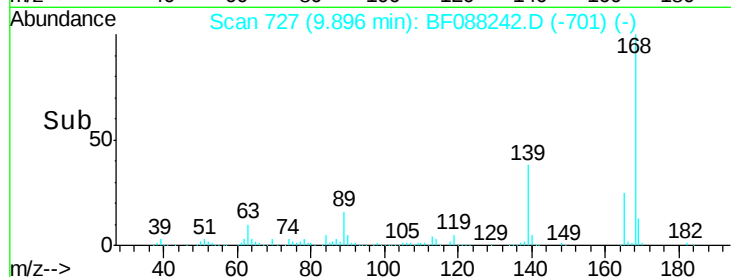
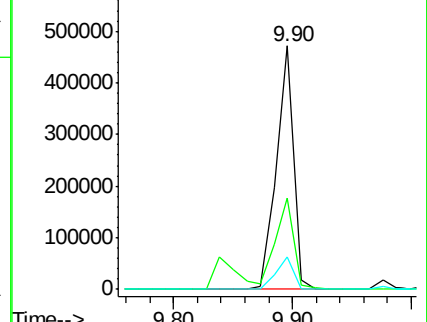
169 13.2 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.89 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

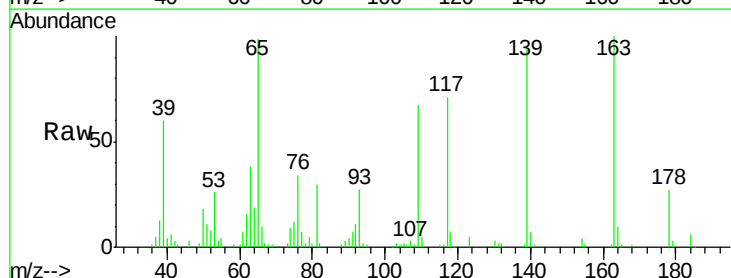
Tgt Ion:139 Resp: 86191

Ion Ratio Lower Upper

139 100

109 69.1 48.9 88.9

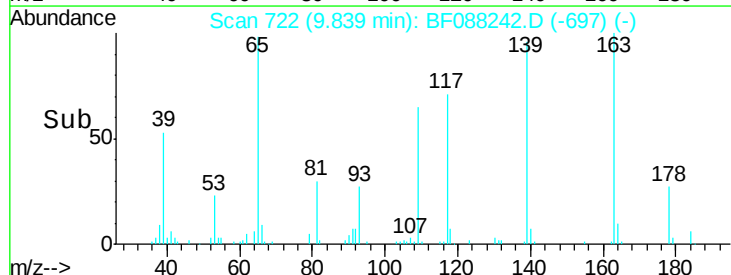
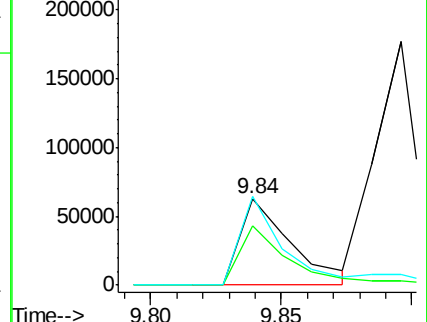
65 102.8 84.9 124.9

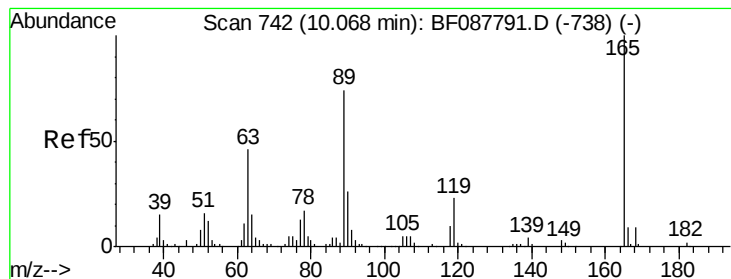


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 34.11 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tgt Ion:165 Resp: 114369

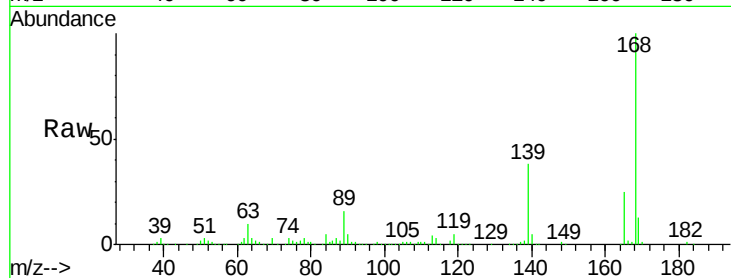
Ion Ratio Lower Upper

165 100

63 41.9 22.0 33.0#

89 63.3 41.1 61.7#

182 2.3 2.0 3.0

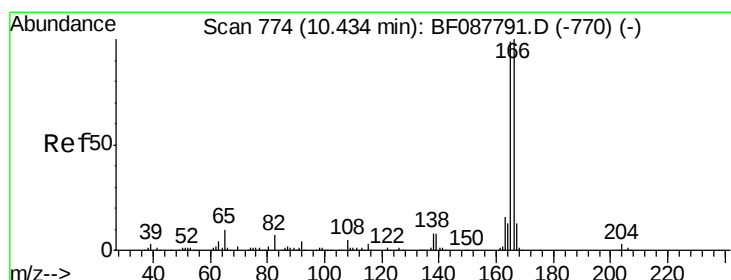
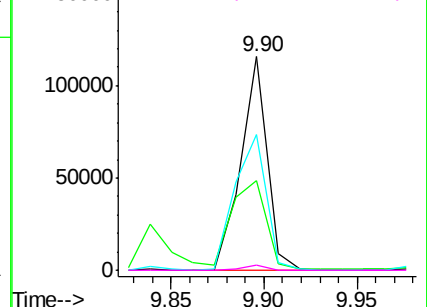
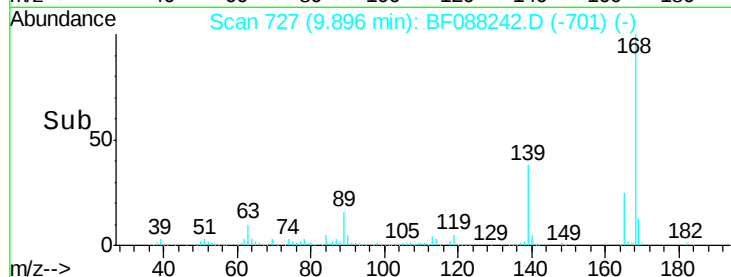


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.07 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

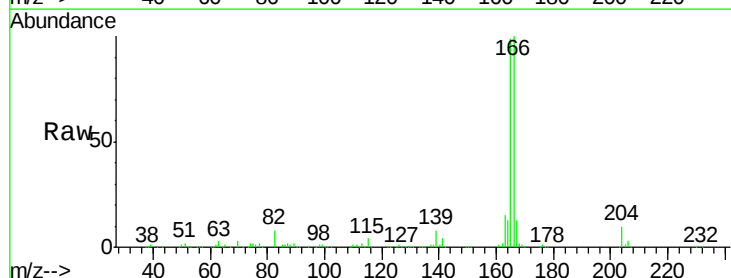
Tgt Ion:166 Resp: 373134

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

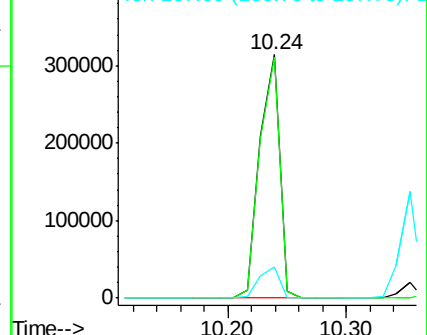
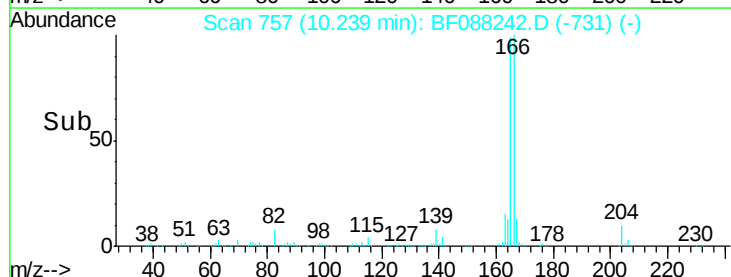
167 12.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

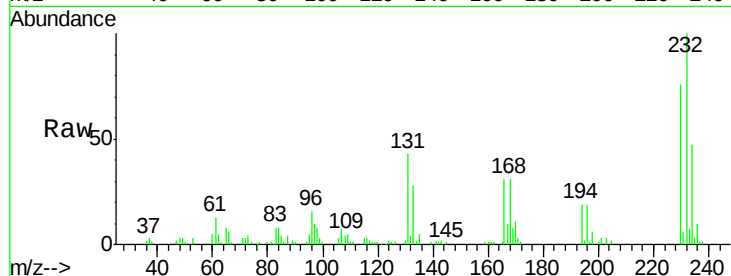




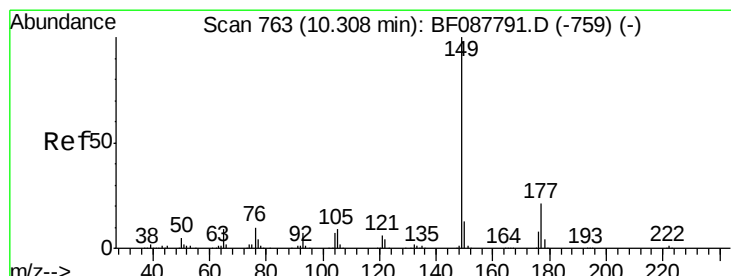
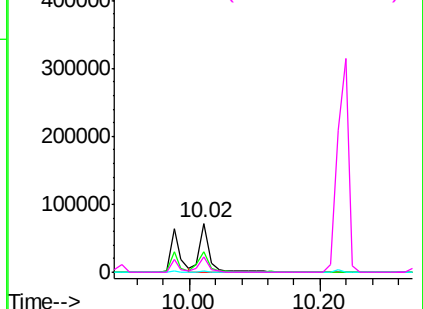
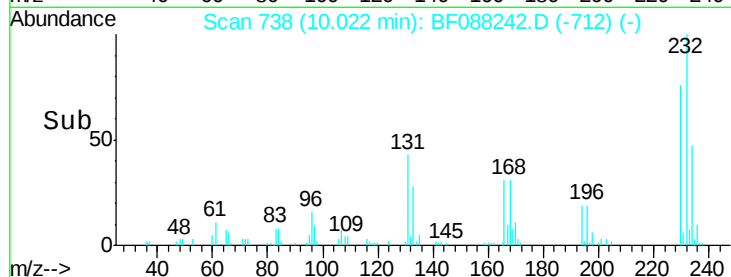
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.62 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion: 232 Resp: 76171
 Ion Ratio Lower Upper
 232 100
 131 48.0 0.9 1.3#
 130 2.2 1.5 2.3
 166 30.1 0.5 0.7#

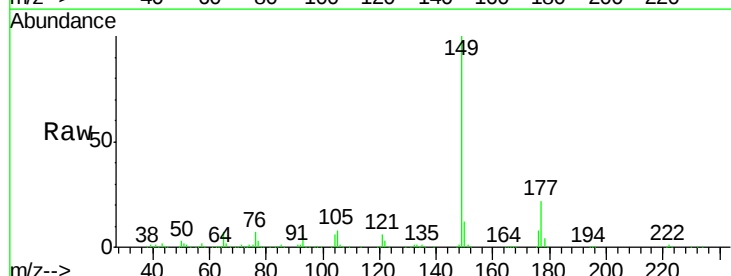


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

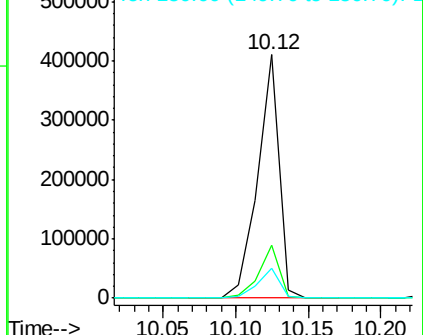
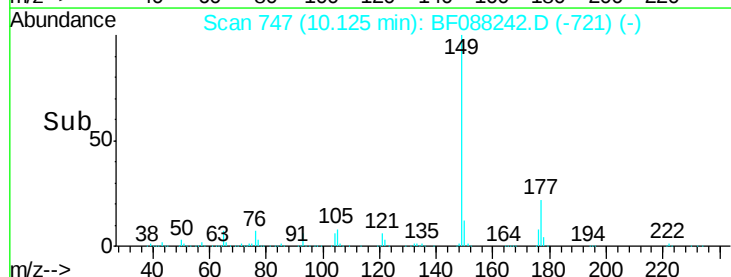


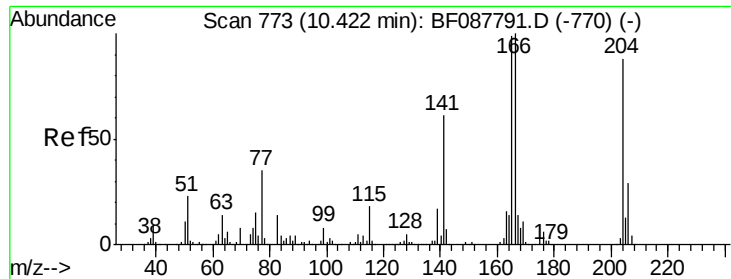
#59
 Diethylphthalate
 Concen: 36.37 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion: 149 Resp: 419457
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.9 25.3
 150 12.1 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

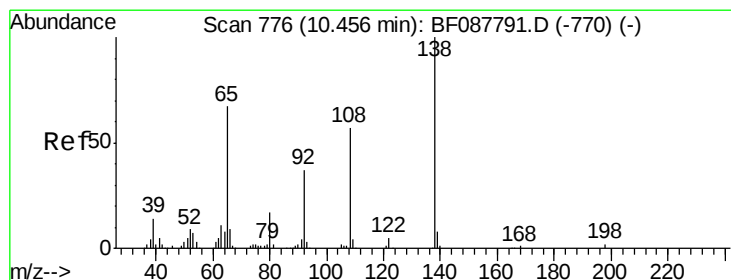
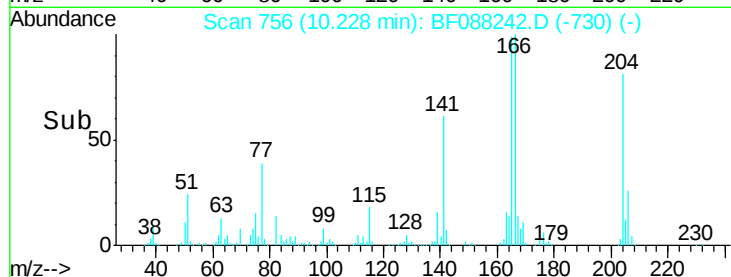
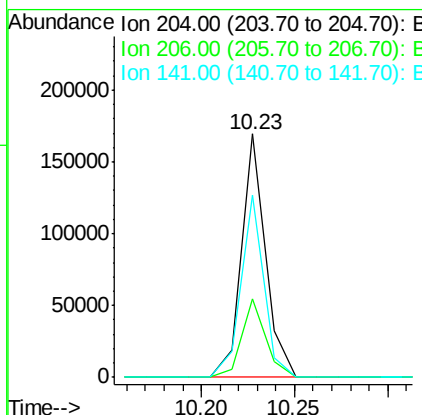
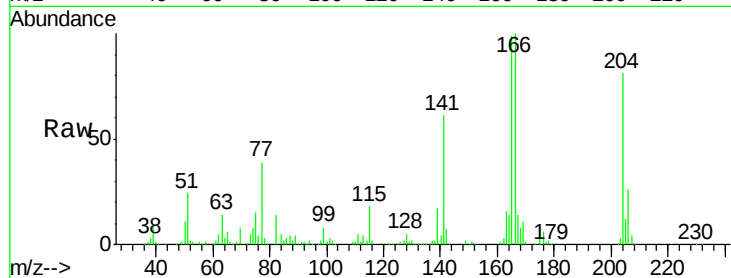




#60
4-Chlorophenyl-phenylether
Concen: 32.80 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

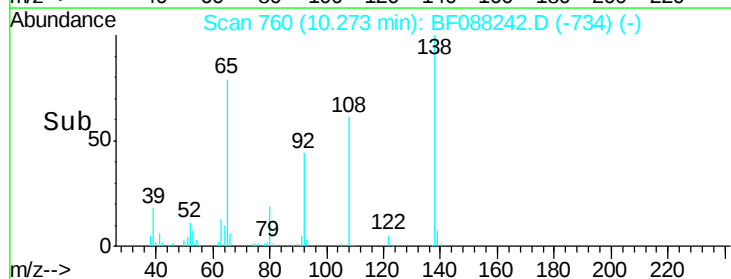
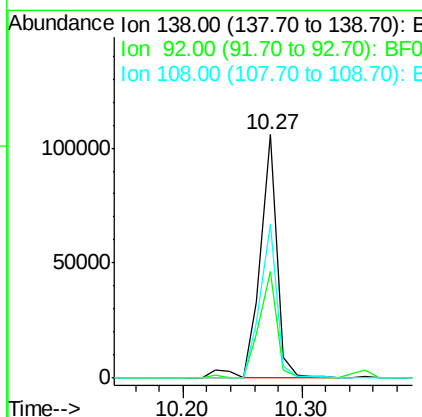
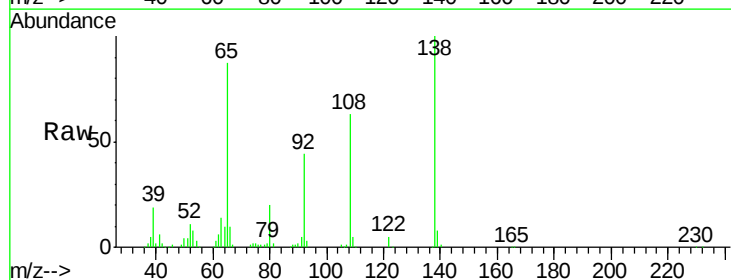
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

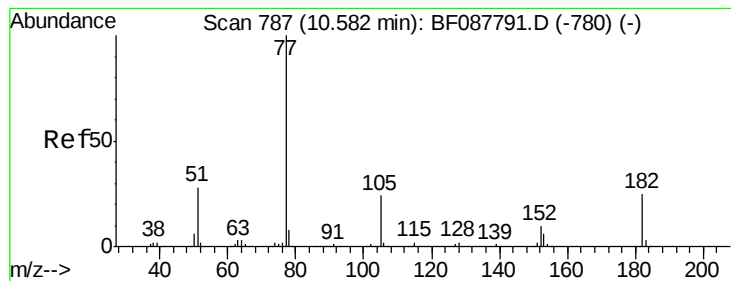
Tgt Ion:204 Resp: 151717
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 75.0 55.0 82.6



#61
4-Nitroaniline
Concen: 37.78 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:138 Resp: 107891
Ion Ratio Lower Upper
138 100
92 44.0 27.3 67.3
108 63.1 46.7 86.7





#62

Azobenzene

Concen: 35.70 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tgt Ion: 77 Resp: 407089

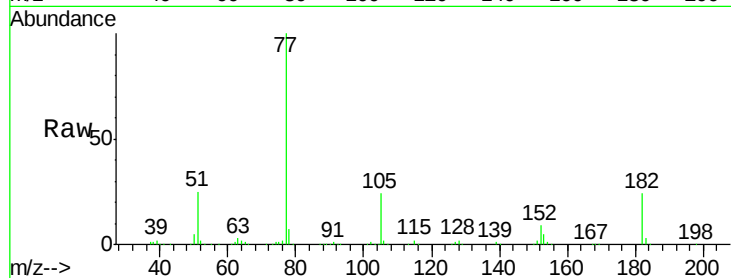
Ion Ratio Lower Upper

77 100

182 23.8 4.4 44.4

105 24.2 3.8 43.8

51 25.3 9.3 49.3

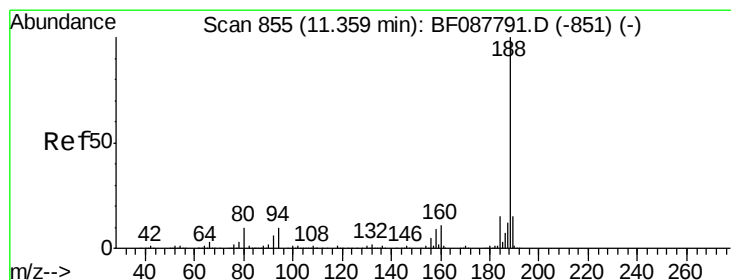
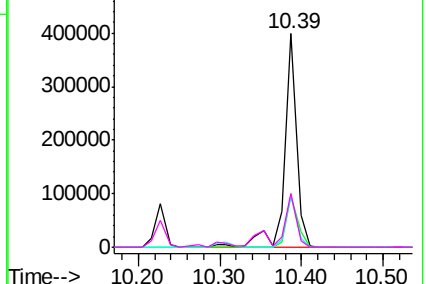
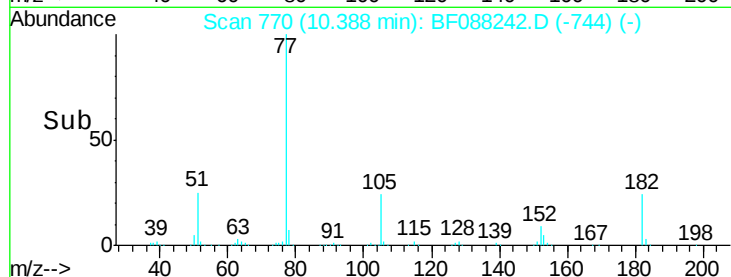


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088242.D

Acq: 22 Jun 2016 6:23

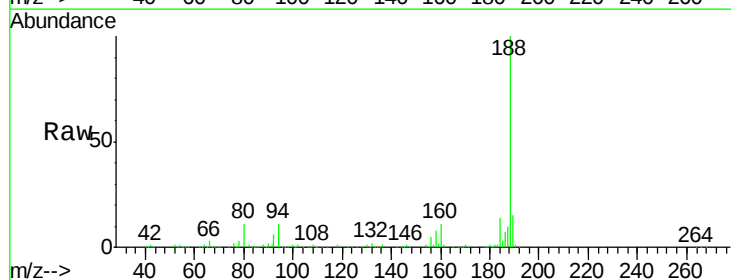
Tgt Ion: 188 Resp: 286296

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

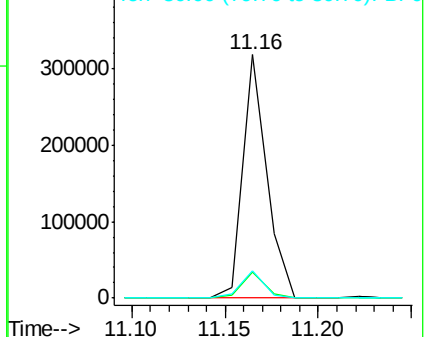
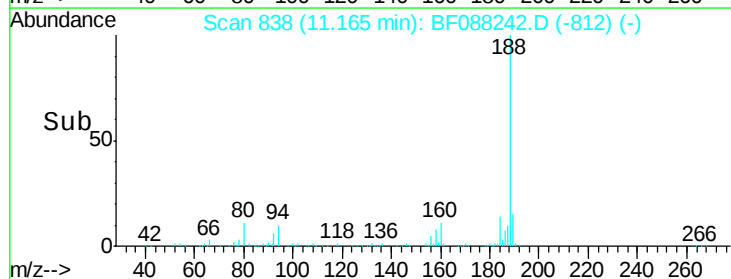
80 11.3 10.0 15.0

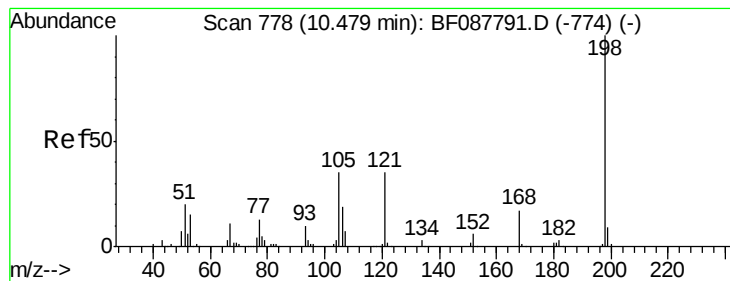


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 17.89 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

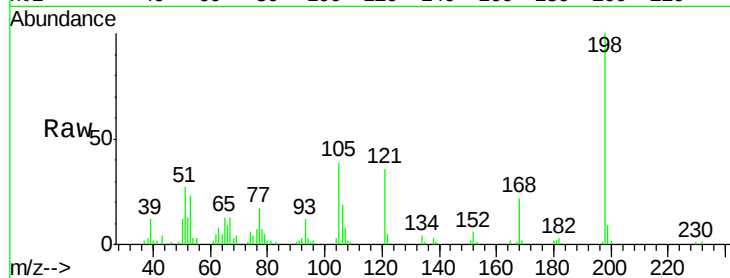
Tgt Ion:198 Resp: 29437

Ion Ratio Lower Upper

198 100

51 26.5 39.6 79.6#

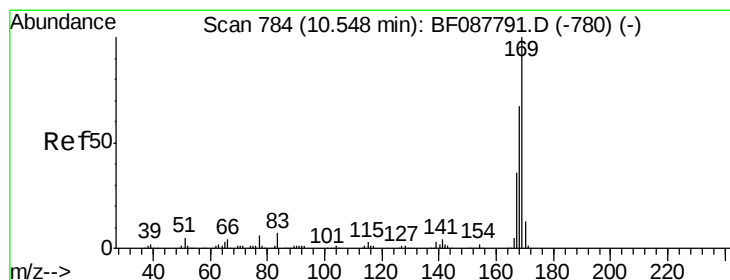
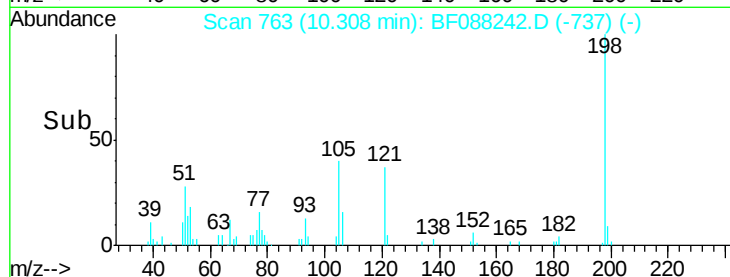
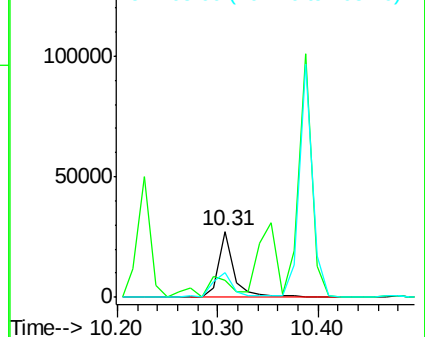
105 38.6 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.21 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

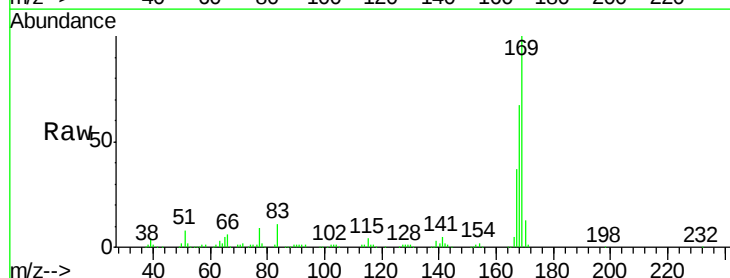
Tgt Ion:169 Resp: 353532

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

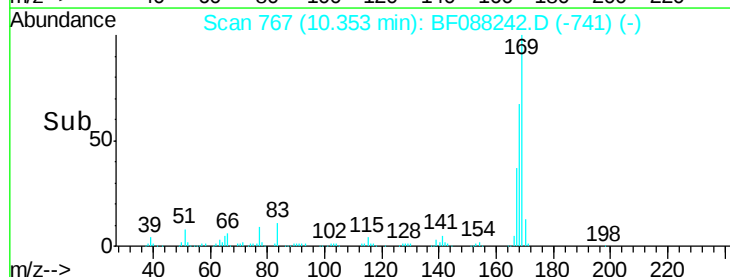
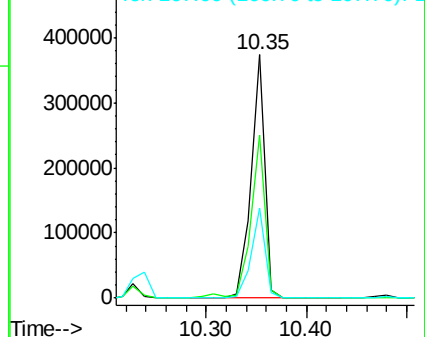
167 36.7 29.4 44.0

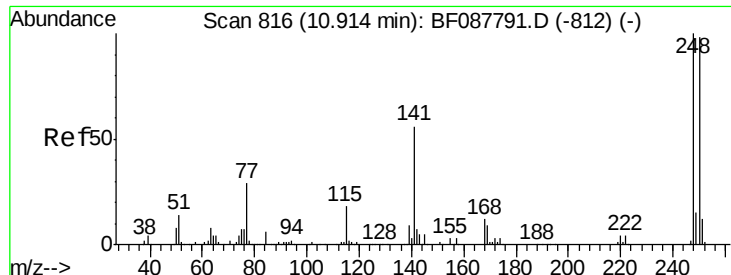


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

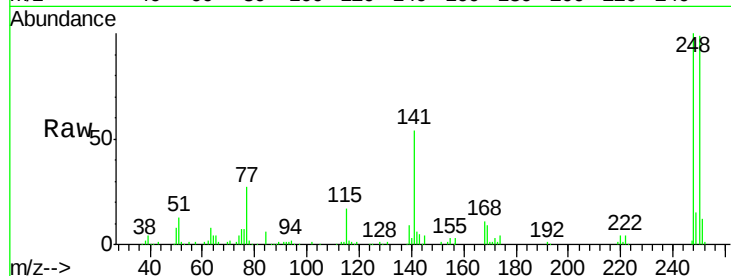




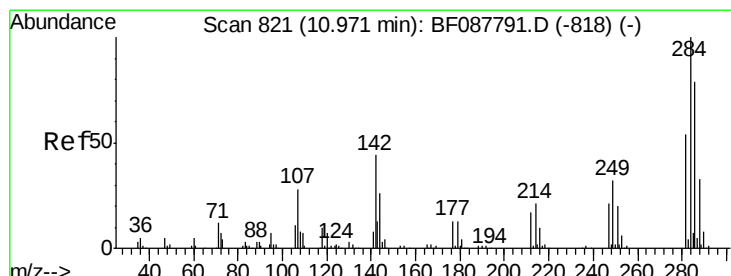
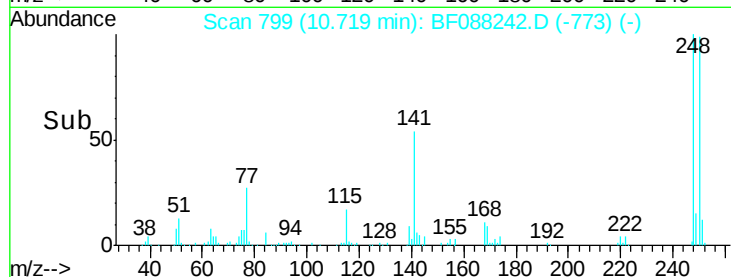
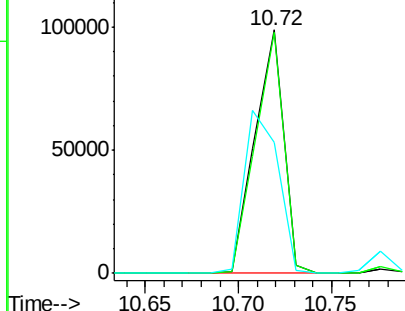
#66
 4-Bromophenyl-phenylether
 Concen: 34.30 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampled :
 EDD-3EMSD

Tgt Ion:248 Resp: 105345
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.1 115.7
 141 53.9 50.6 76.0

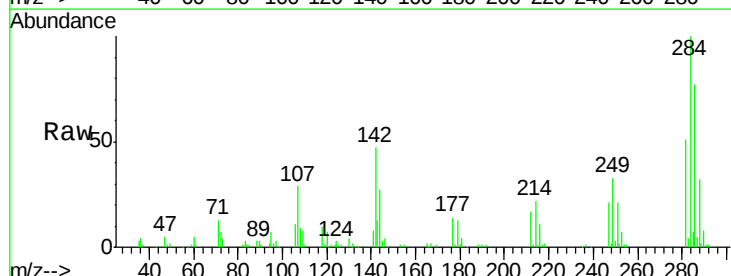


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

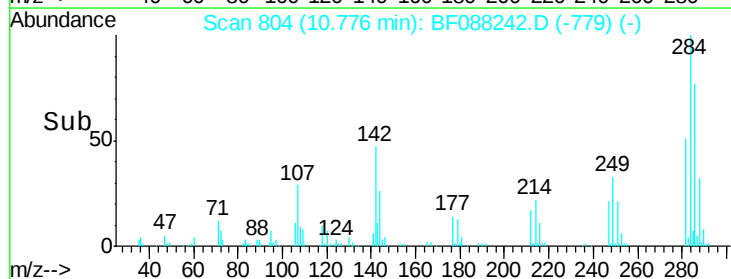
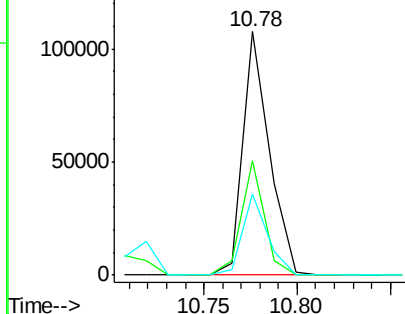


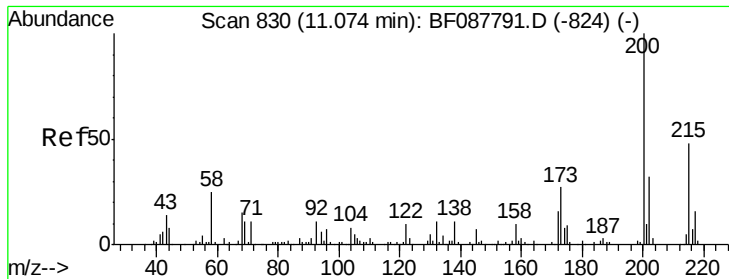
#67
 Hexachlorobenzene
 Concen: 33.17 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:284 Resp: 105846
 Ion Ratio Lower Upper
 284 100
 142 47.2 35.8 53.8
 249 33.2 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

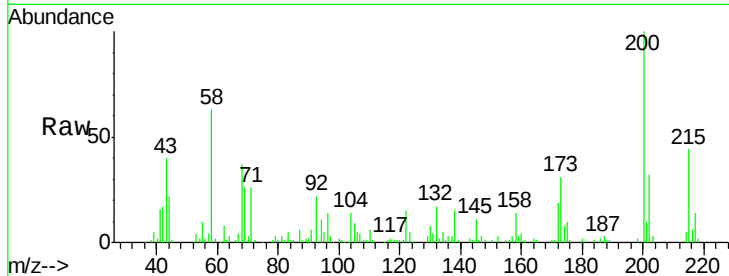




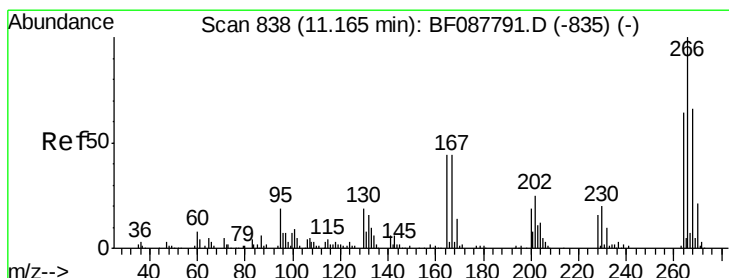
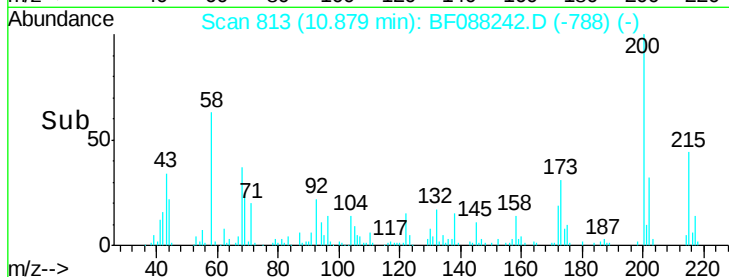
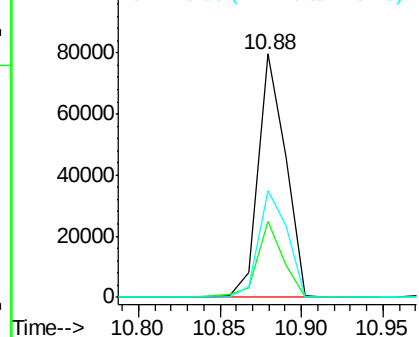
#68
Atrazine
Concen: 32.14 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion:200 Resp: 92454
Ion Ratio Lower Upper
200 100
173 31.0 4.0 44.0
215 43.8 29.3 69.3

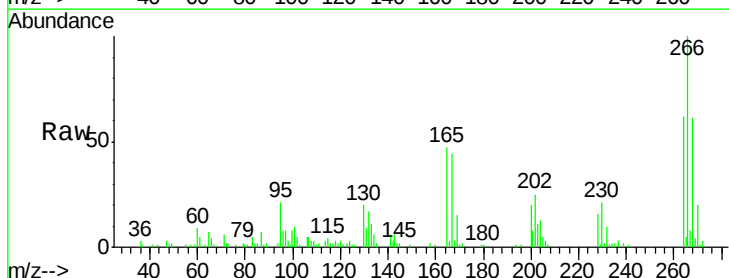


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

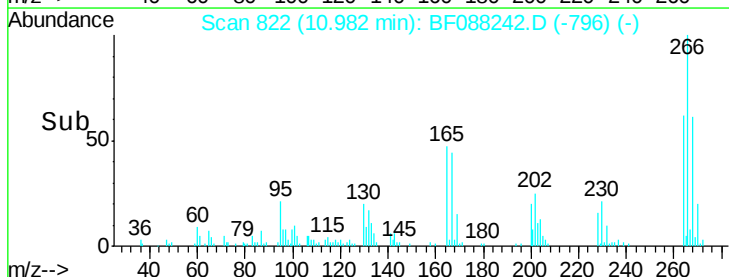
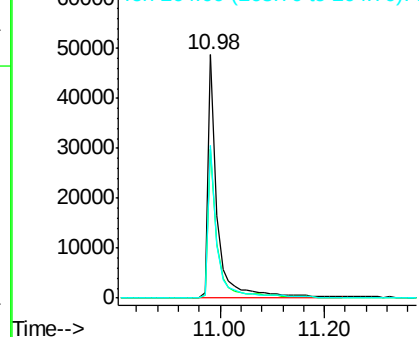


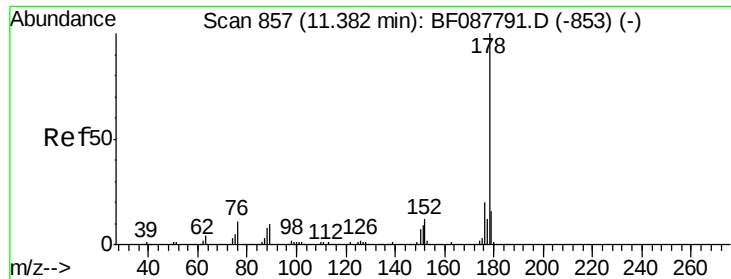
#69
Pentachlorophenol
Concen: 37.53 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:266 Resp: 63134
Ion Ratio Lower Upper
266 100
268 61.2 52.8 79.2
264 62.5 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

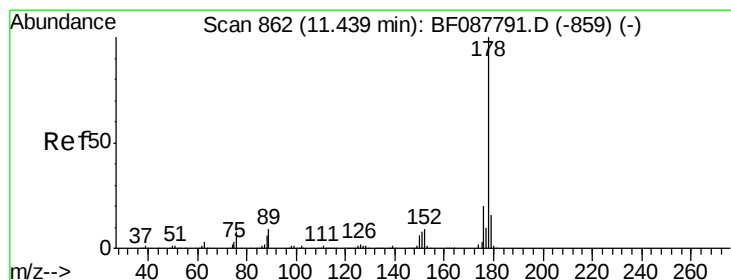
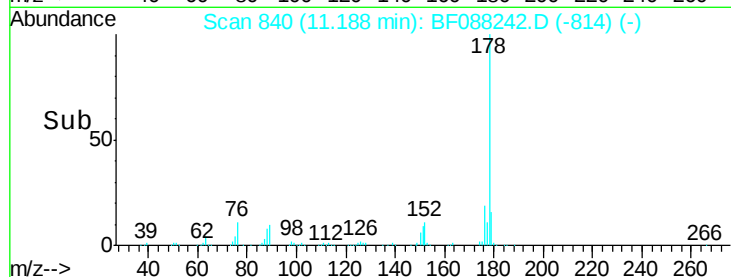
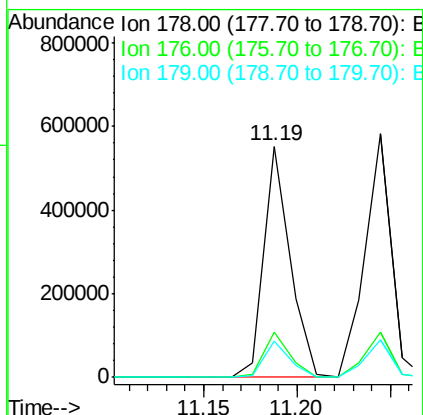
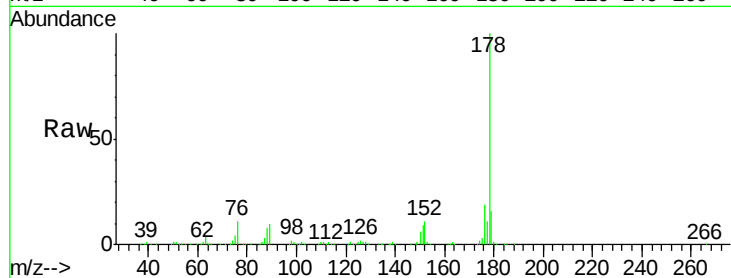




#70
Phenanthrene
Concen: 35.82 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

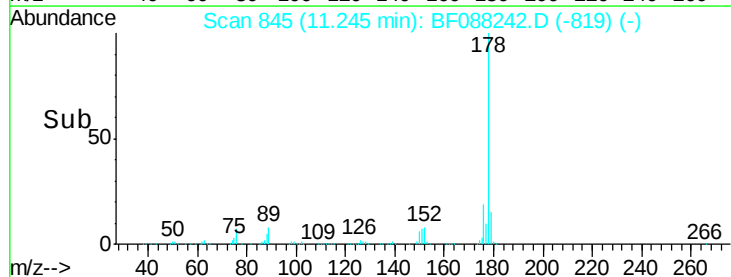
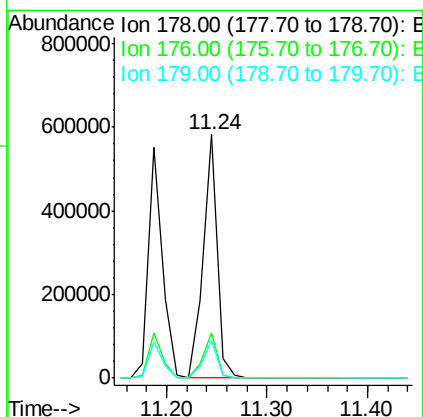
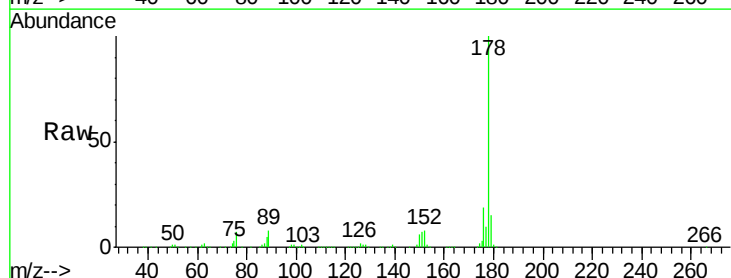
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

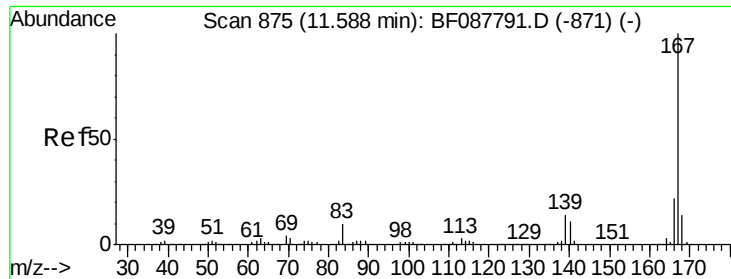
Tgt Ion:178 Resp: 538189
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 13.0 19.4



#71
Anthracene
Concen: 37.39 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:178 Resp: 566557
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.4 12.8 19.2

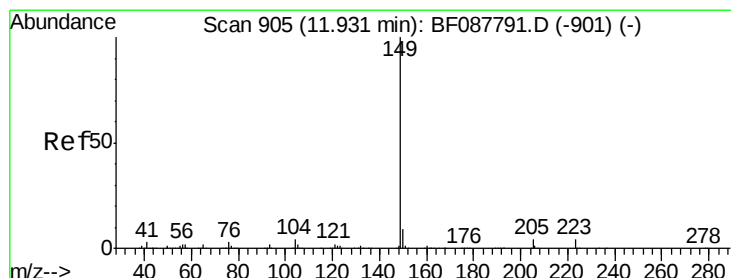
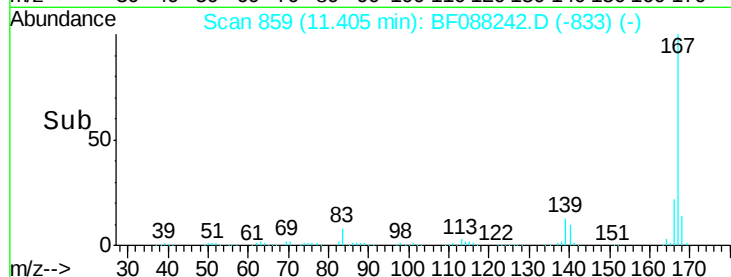
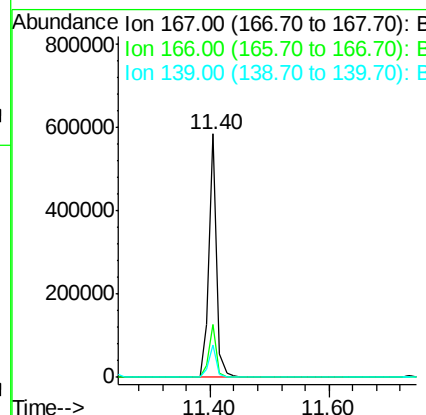
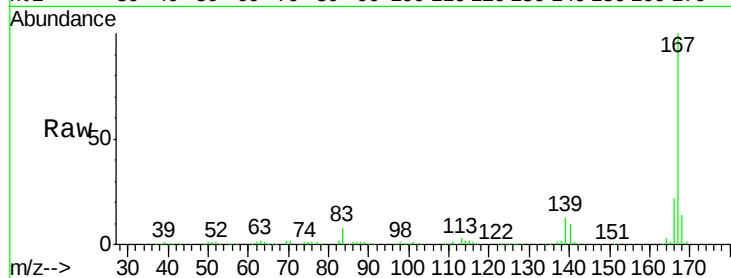




#72
 Carbazole
 Concen: 38.15 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

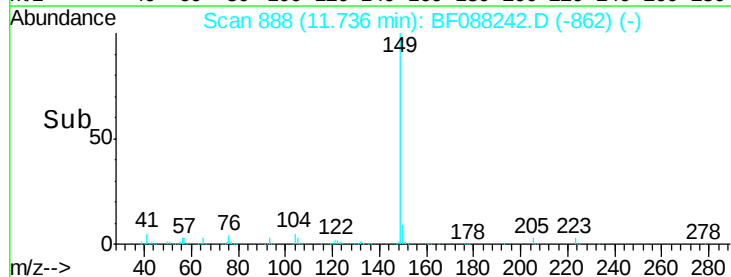
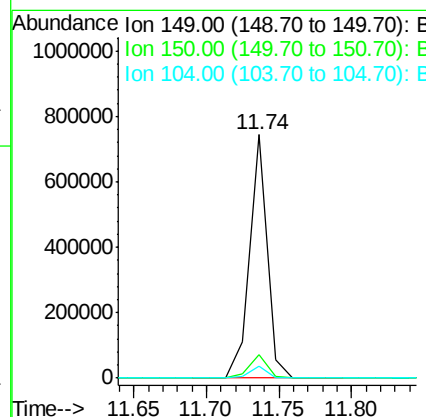
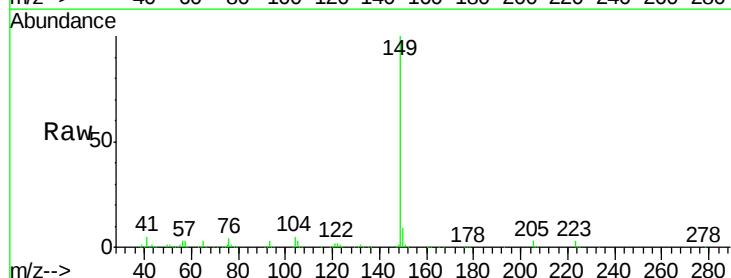
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

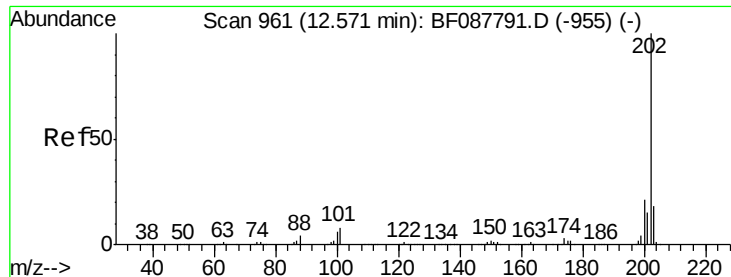
Tgt Ion:167 Resp: 540938
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.1 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 34.99 ng
 RT: 11.74 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:149 Resp: 628133
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.6 4.0 6.0

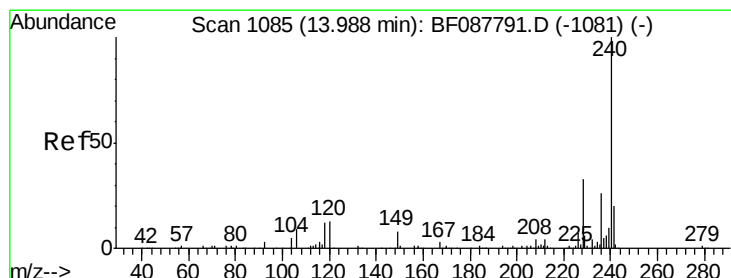
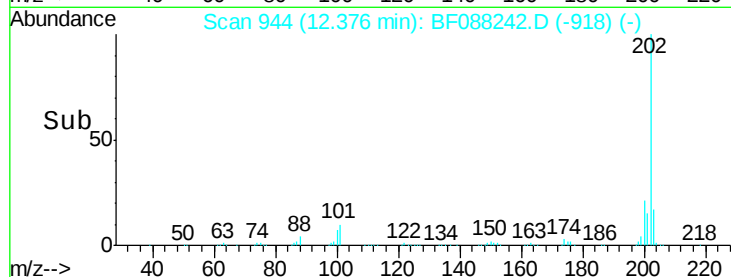
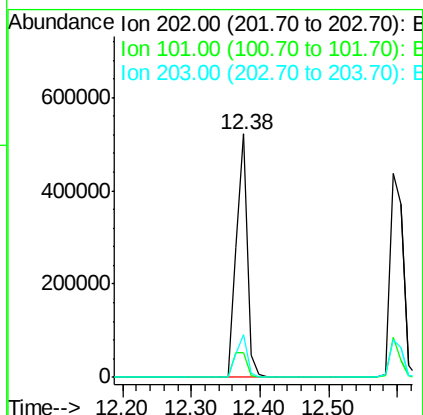
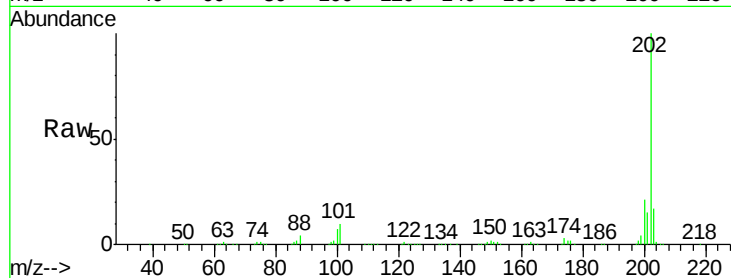




#74
Fluoranthene
Concen: 37.16 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

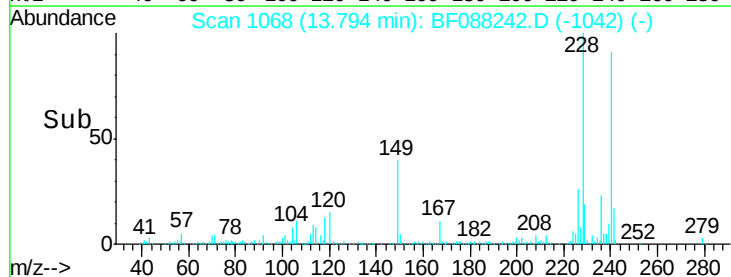
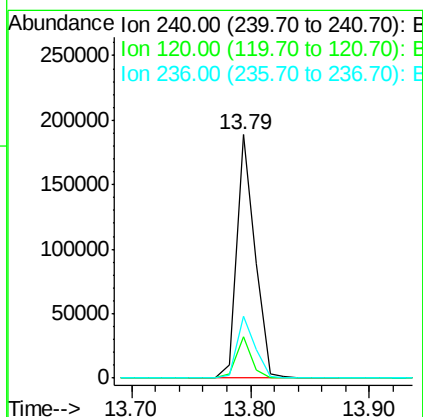
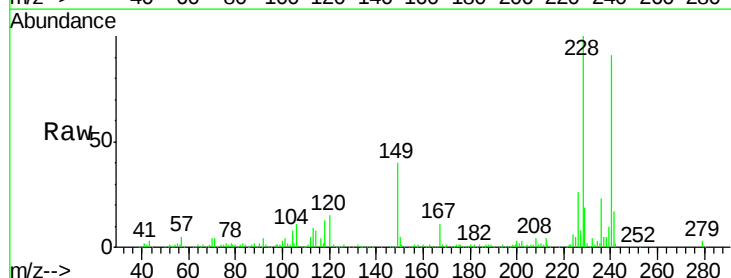
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

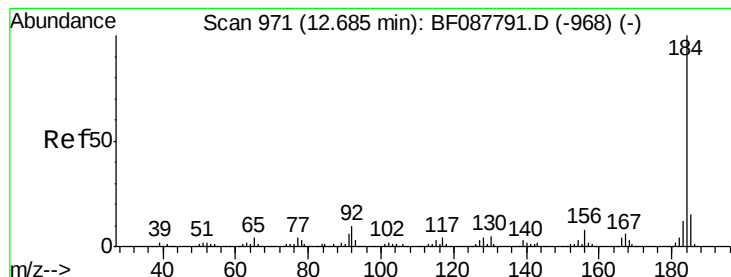
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.1
203	17.4	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.8	6.8	10.2#
236	25.5	20.2	30.2





#76

Benzidine

Concen: 42.35 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

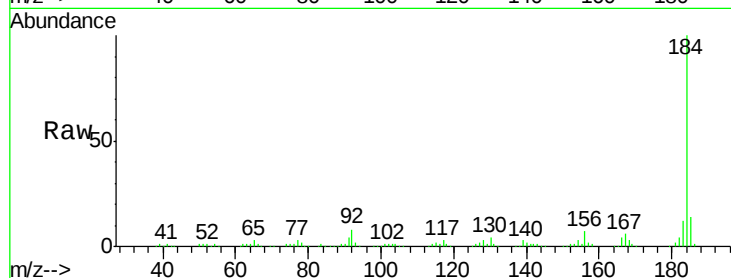
Tgt Ion:184 Resp: 235341

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

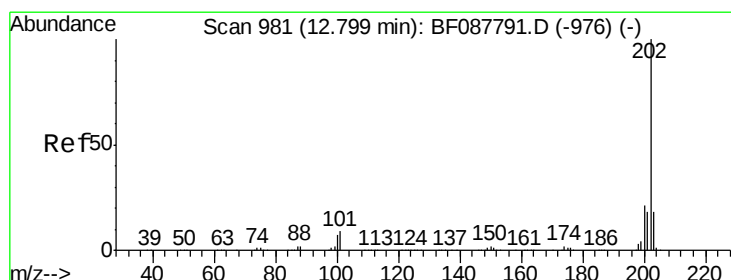
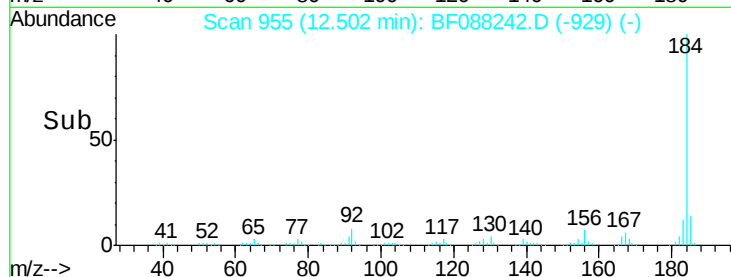
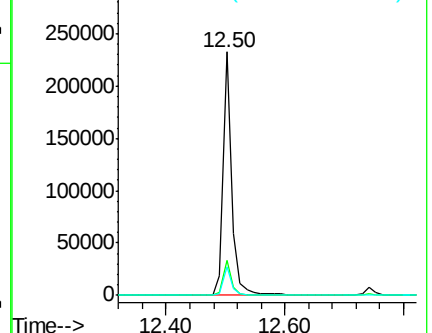
183 11.6 9.3 13.9



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: 38.99 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

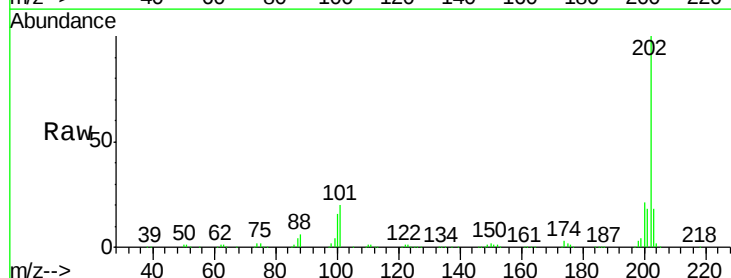
Tgt Ion:202 Resp: 580722

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

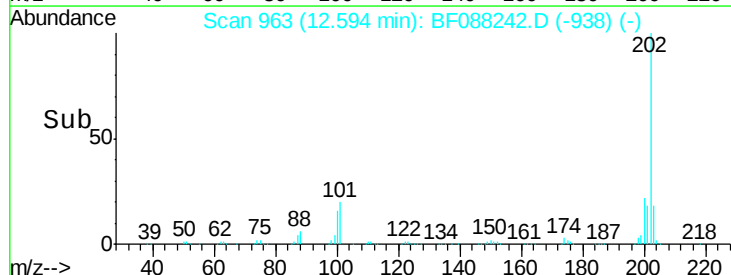
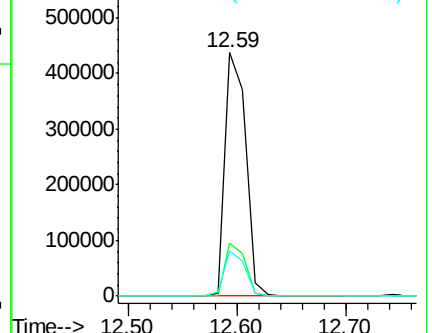
203 18.5 14.5 21.7

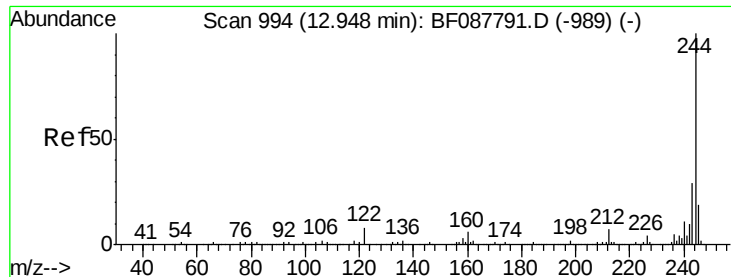


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

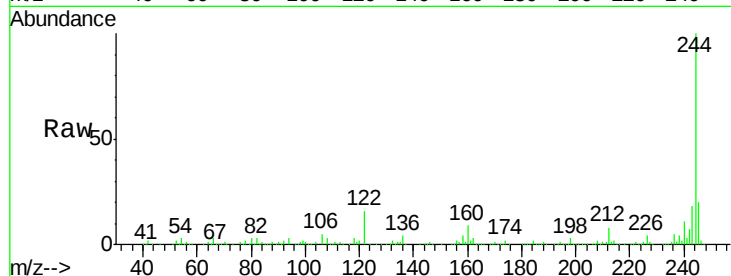




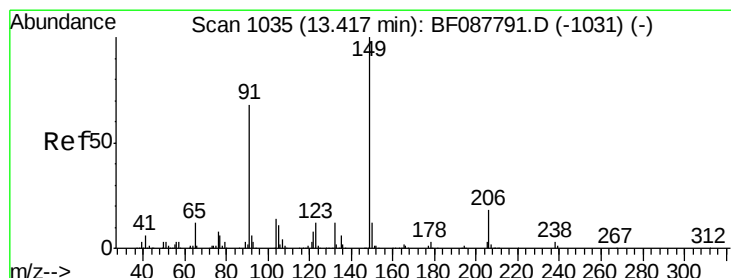
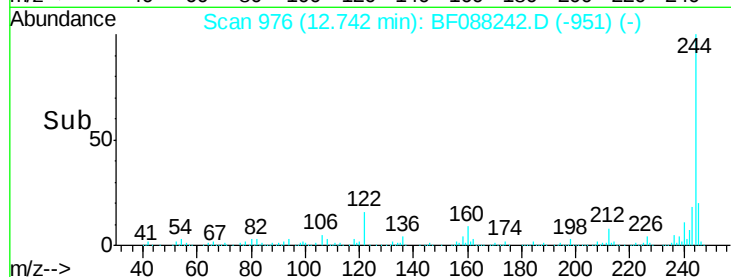
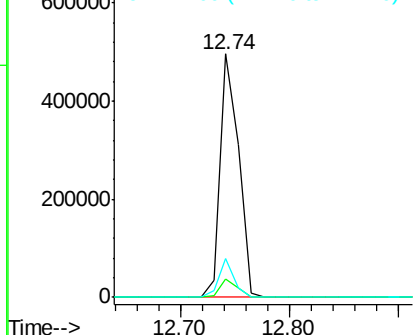
#78
 Terphenyl-d14
 Concen: 66.57 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion: 244 Resp: 587163
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 15.9 11.2 16.8

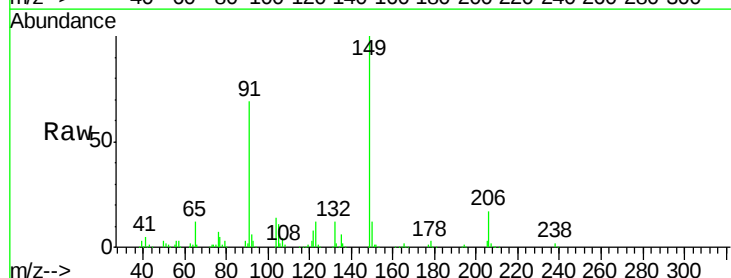


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

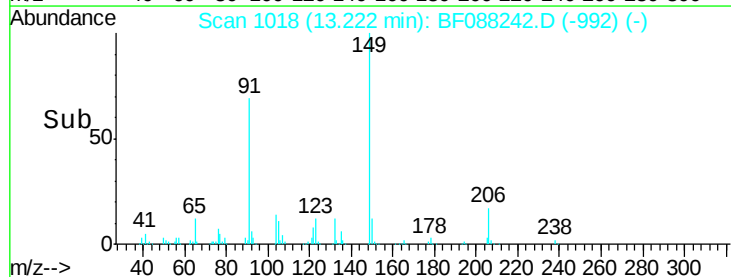
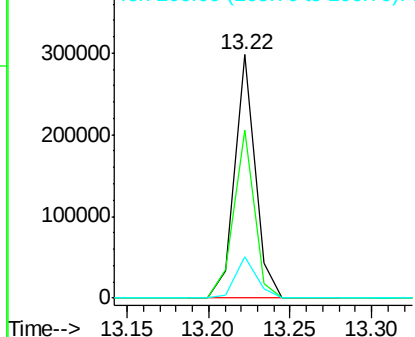


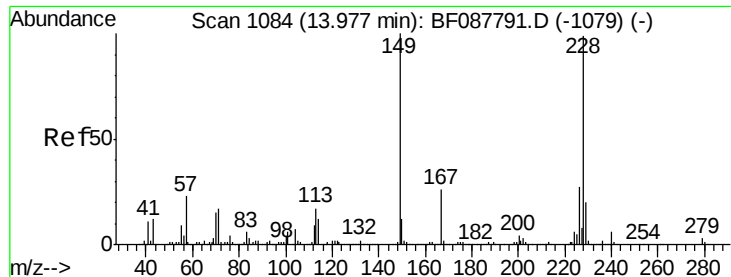
#79
 Butylbenzylphthalate
 Concen: 39.15 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion: 149 Resp: 257792
 Ion Ratio Lower Upper
 149 100
 91 69.1 48.0 72.0
 206 17.0 16.0 24.0



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





#80

Benzo(a)anthracene

Concen: 35.55 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

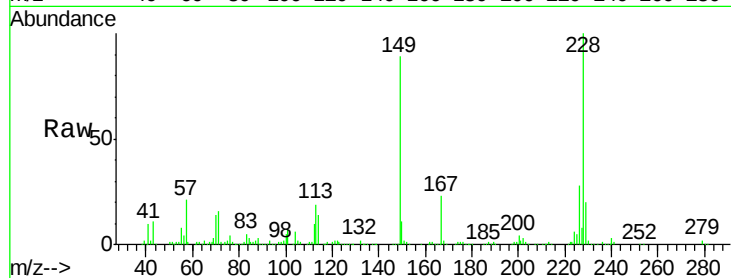
Tgt Ion:228 Resp: 406621

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

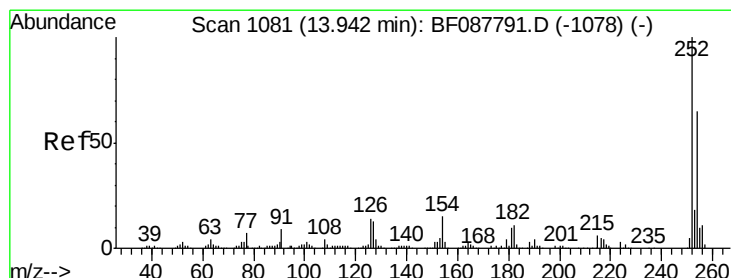
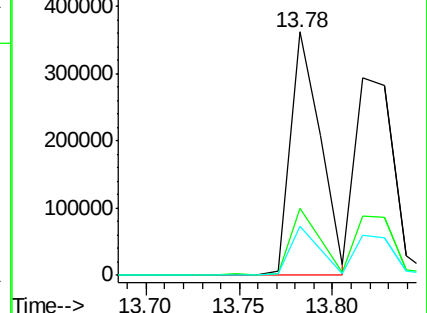
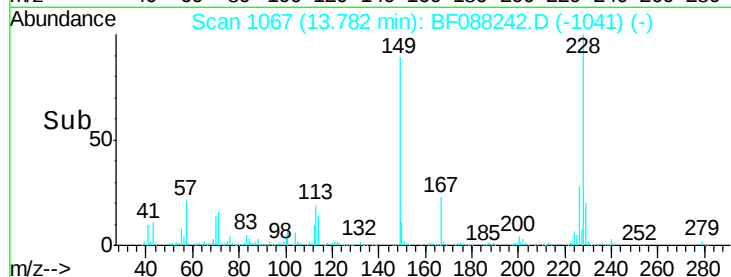
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 32.37 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

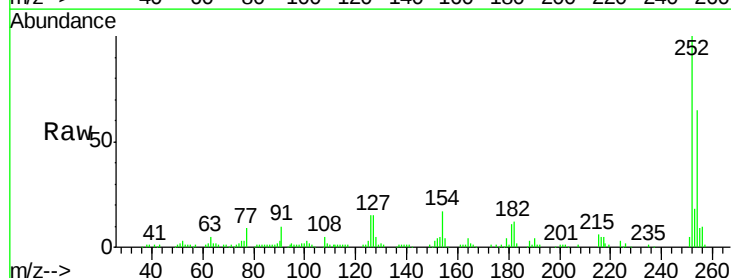
Tgt Ion:252 Resp: 99549

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

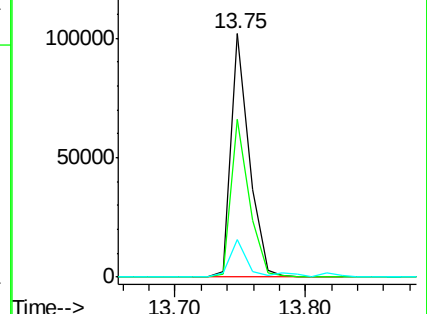
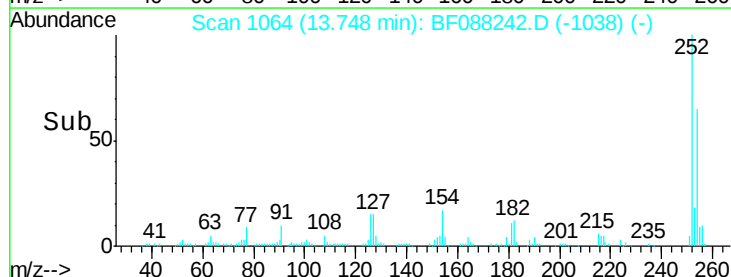
126 15.3 6.2 9.2#

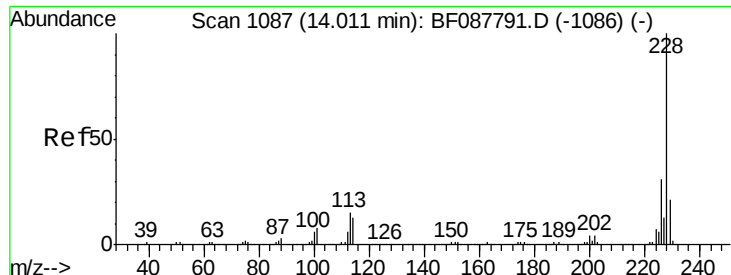


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

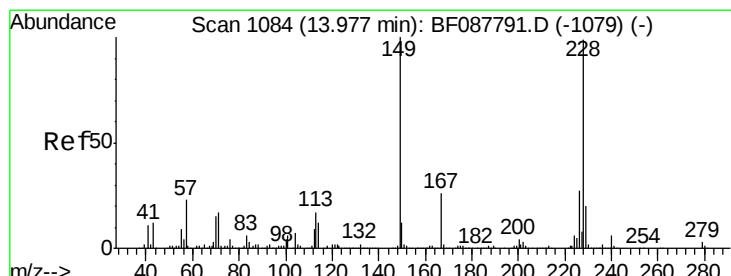
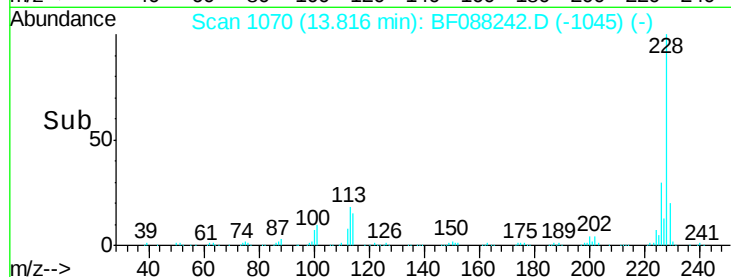
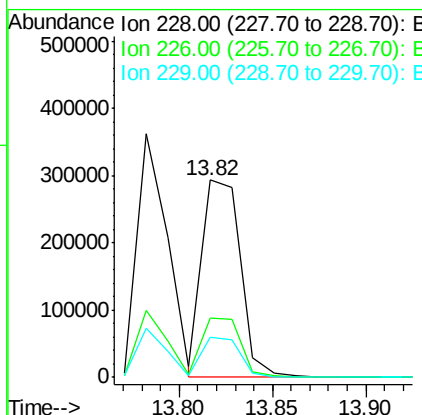
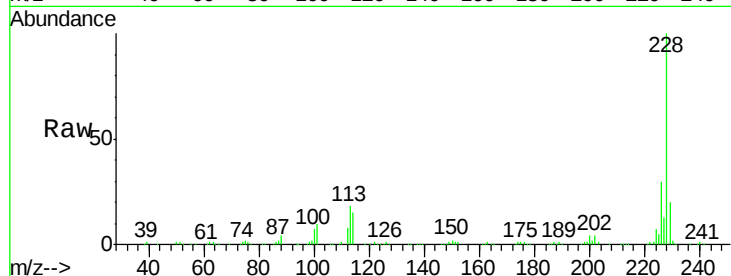




#82
Chrysene
 Concen: 38.96 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

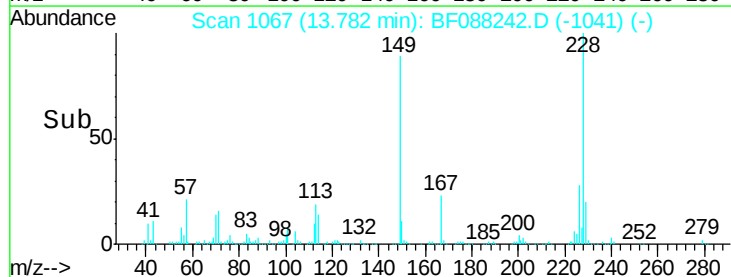
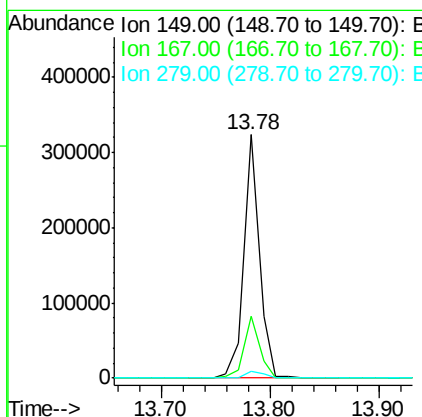
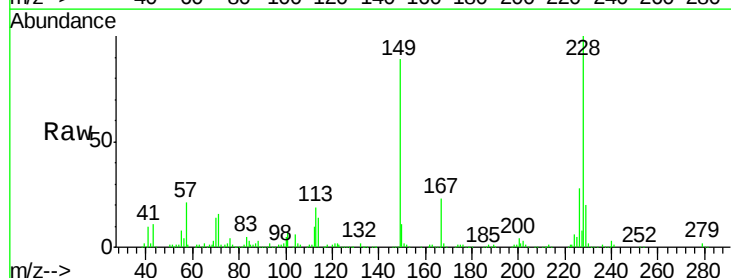
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion: 228 Resp: 419173
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 20.0 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
 Concen: 39.74 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion: 149 Resp: 318547
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.5 30.7
 279 2.6 2.0 3.0

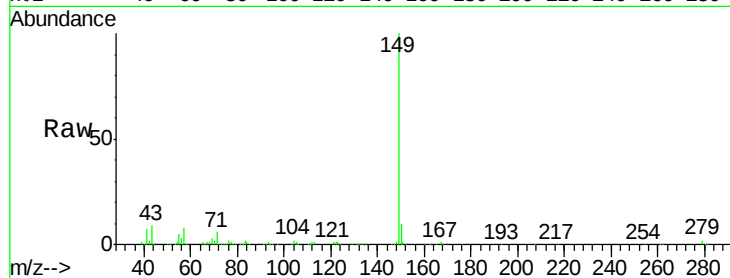




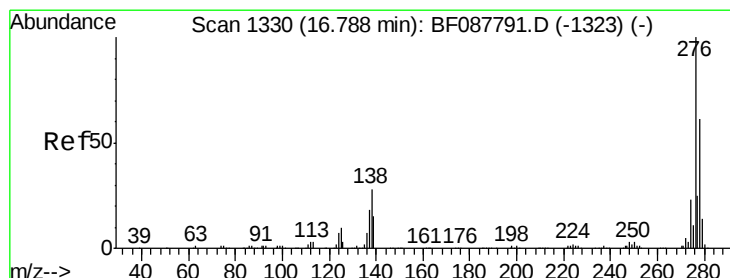
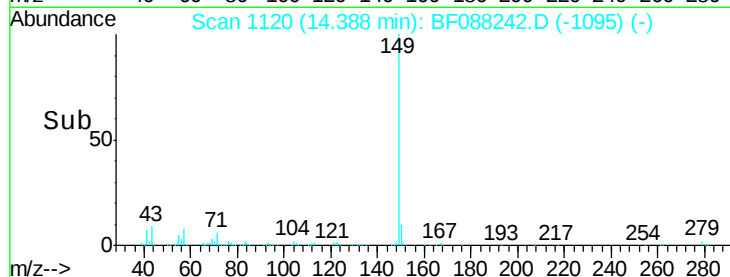
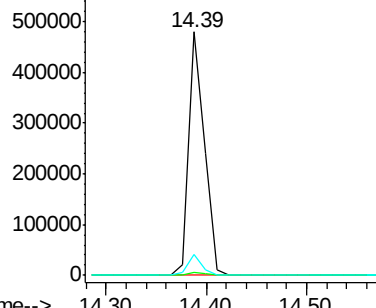
#84
 Di-n-octyl phthalate
 Concen: 39.90 ng
 RT: 14.39 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tgt Ion:149 Resp: 519727
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.8 0.0 0.0#

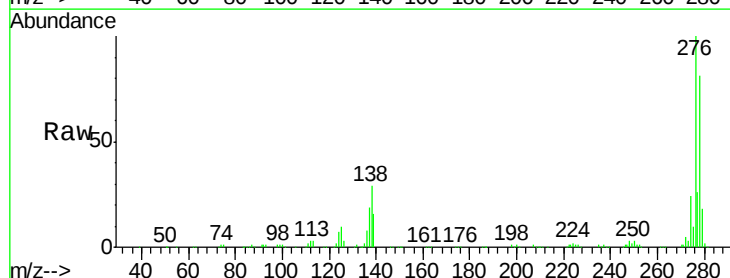


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

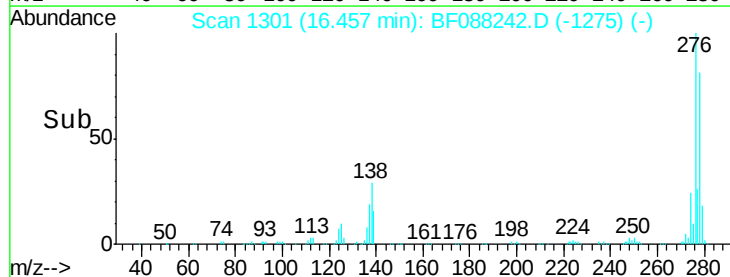
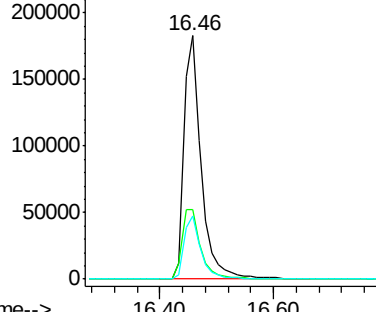


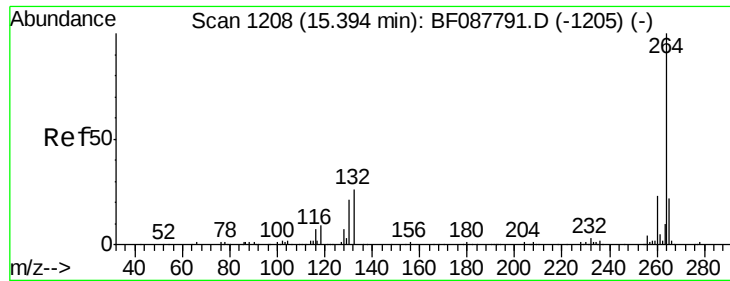
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.95 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion:276 Resp: 379334
 Ion Ratio Lower Upper
 276 100
 138 31.3 0.0 0.0#
 277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

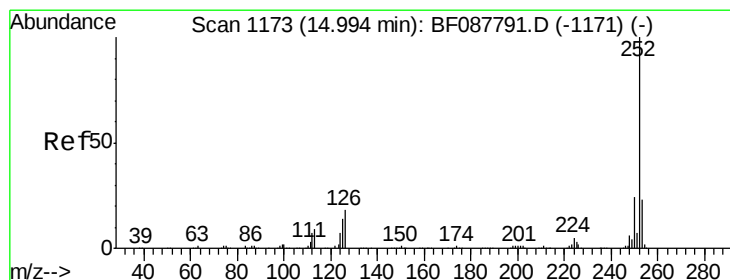
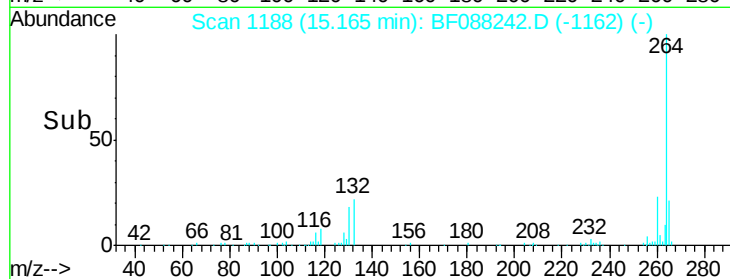
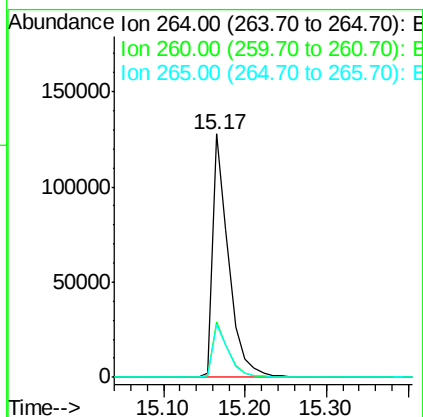
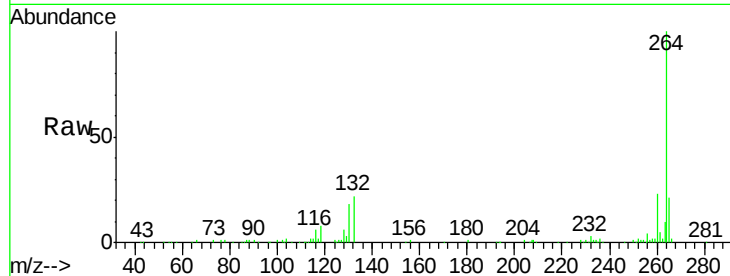




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

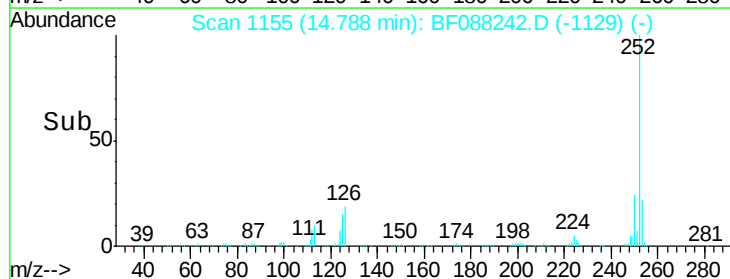
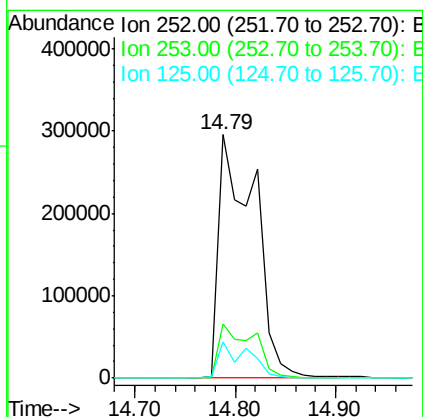
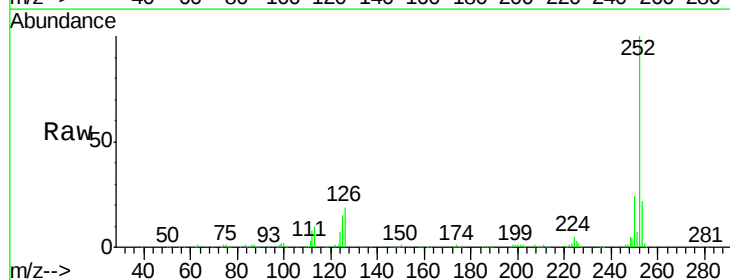
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

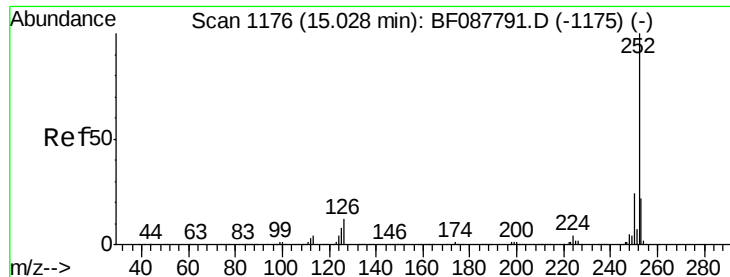
Tgt Ion:264 Resp: 174023
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.5 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 60.32 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:252 Resp: 731587
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 14.6 7.1 10.7#

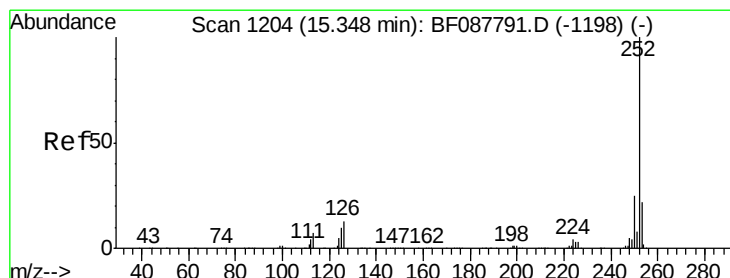
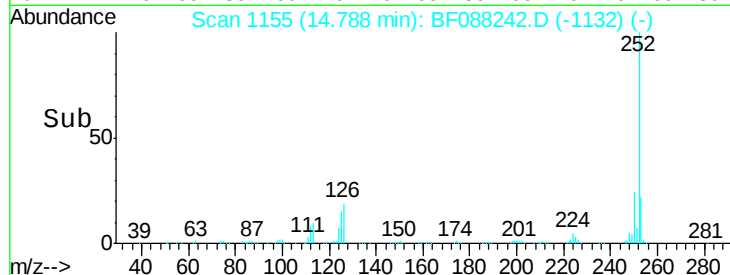
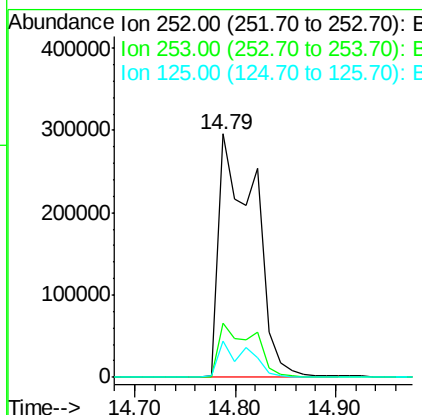
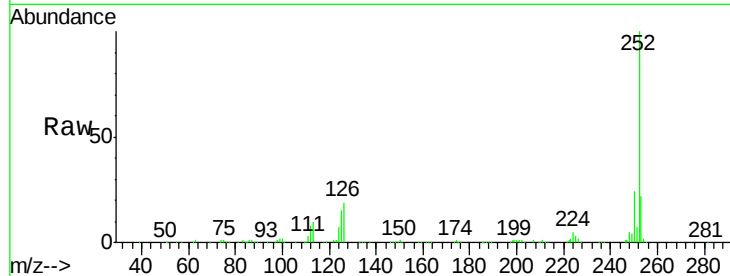




#88
Benzo(k)fluoranthene
Concen: 79.96 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

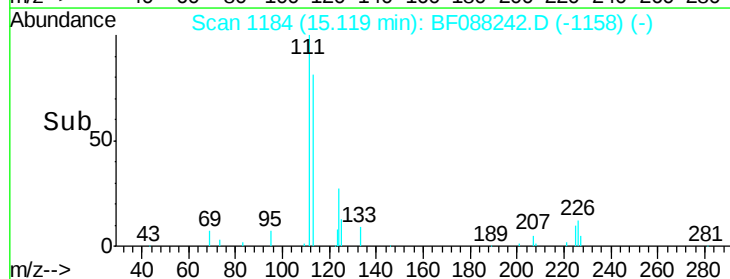
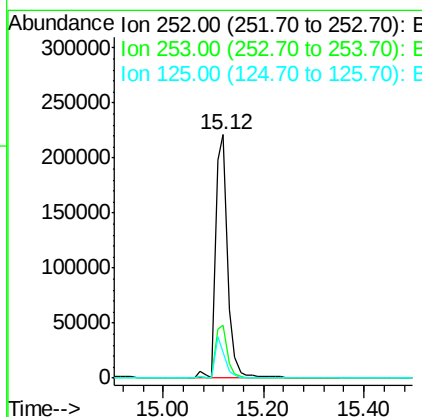
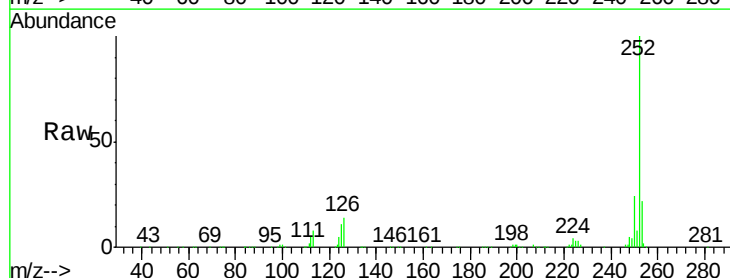
Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.6	11.2	16.8



#89
Benzo(a)pyrene
Concen: 37.19 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.8	12.5	18.7

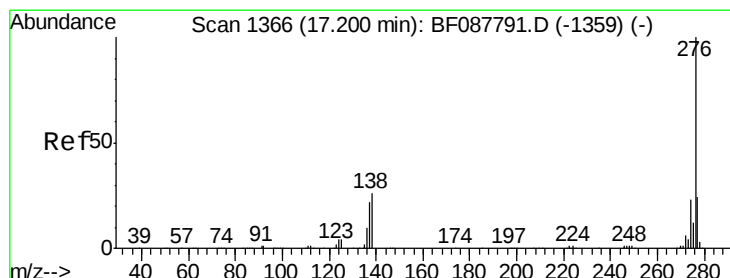
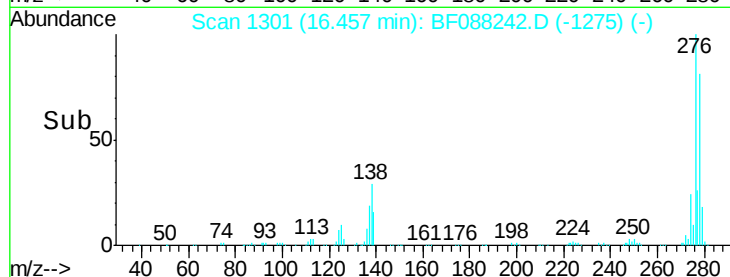
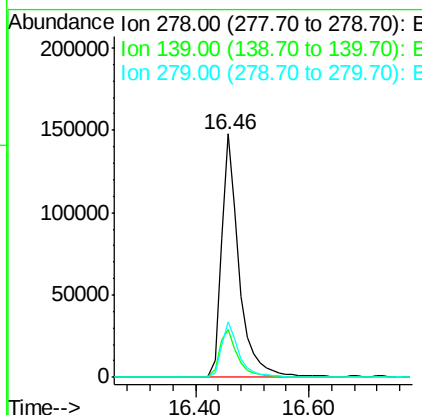
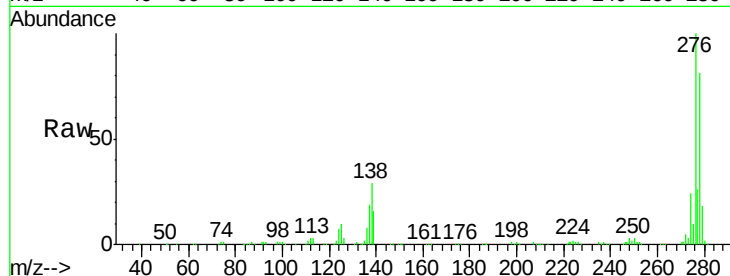




#90
Dibenzo(a,h)anthracene
Concen: 34.90 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	22.8	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 35.81 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	27.1	21.4	32.2

