

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088414.D
 Acq On : 26 Jun 2016 13:10
 Operator : UM/SJ
 Sample : H3597-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Quant Time: Jun 27 03:51:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	227205	20.00	ng	0.10
21) Naphthalene-d8	7.84	136	350613	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	157333	20.00	ng	-0.07
63) Phenanthrene-d10	11.06	188	298767	20.00	ng	-0.06
75) Chrysene-d12	13.68	240	223959	20.00	ng	-0.07
86) Perylene-d12	15.03	264	205130	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	453588	34.13	ng	-0.03
7) Phenol-d6	6.23	99	567462	35.23	ng	-0.03
23) Nitrobenzene-d5	7.13	82	353106	58.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	137727	82.90	ng	-0.06
44) 2-Fluorobiphenyl	8.91	172	651632	63.67	ng	-0.06
78) Terphenyl-d14	12.64	244	638131	64.84	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.03	88	55232	8.55	ng	# 34
3) Pyridine	2.66	79	143689	9.42	ng	91
4) n-Nitrosodimethylamine	2.63	42	66495	10.30	ng	78
6) Aniline	6.30	93	201629	8.79	ng	# 57
8) 2-Chlorophenol	6.34	128	196539	12.49	ng	85
10) Phenol	6.24	94	240958	12.70	ng	97
11) bis(2-Chloroethyl)ether	6.30	93	201746	14.28	ng	88
12) 1,3-Dichlorobenzene	6.72	146	193908	11.49	ng	97
13) 1,4-Dichlorobenzene	6.72	146	201691	11.86	ng	99
14) 1,2-Dichlorobenzene	6.72	146	201913	13.06	ng	95
15) Benzyl Alcohol	6.72	79	142227	11.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	190981	10.01	ng	# 5
17) 2-Methylphenol	7.00	107	187234	14.68	ng	# 78
18) Hexachloroethane	7.05	117	73827	12.24	ng	# 86
19) n-Nitroso-di-n-propylamine	6.98	70	122094	11.85	ng	88
20) 3+4-Methylphenols	7.00	107	187234	12.58	ng	# 77
22) Acetophenone	6.97	105	264882	33.81	ng	# 97
24) Nitrobenzene	7.14	77	171853	29.55	ng	90
25) Isophorone	7.38	82	341790	30.73	ng	98
26) 2-Nitrophenol	7.46	139	98055	31.47	ng	# 87
27) 2,4-Dimethylphenol	7.52	122	173458	30.24	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	216217	31.35	ng	98
29) 2,4-Dichlorophenol	7.71	162	169832	35.46	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	170364	32.67	ng	99
31) Naphthalene	7.86	128	576933	33.25	ng	98
32) Benzoic acid	7.52	122	173458	54.91	ng	# 14
33) 4-Chloroaniline	7.93	127	127668	16.48	ng	# 94
34) Hexachlorobutadiene	7.98	225	90640	32.96	ng	97
35) Caprolactam	8.30	113	51206	32.28	ng	# 85
36) 4-Chloro-3-methylphenol	8.43	107	168136	32.83	ng	91
37) 2-Methylnaphthalene	8.65	142	346262	30.28	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	160016	36.76	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	38291	15.09	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	82811	26.32	ng	98

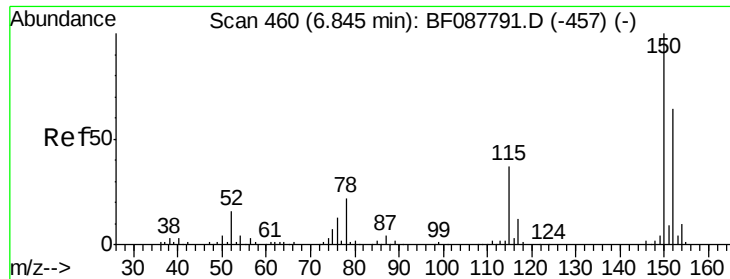
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	97223	29.70	nq	# 90
45) 1,1'-Biphenyl	9.02	154	458141	37.80	nq	96
46) 2-Chloronaphthalene	9.04	162	356471	35.01	nq	94
47) 2-Nitroaniline	9.15	65	96607	32.17	nq	# 58
48) Acenaphthylene	9.44	152	520934	32.17	nq	100
49) Dimethylphthalate	9.32	163	620479	54.44	nq	100
50) 2,6-Dinitrotoluene	9.39	165	95762	36.69	nq	# 88
51) Acenaphthene	9.61	154	307041	30.39	nq	99
52) 3-Nitroaniline	9.56	138	71769	23.83	nq	81
53) 2,4-Dinitrophenol	9.71	184	3042	5.68	nq	# 73
54) Dibenzofuran	9.78	168	462836	33.27	nq	# 85
55) 4-Nitrophenol	9.78	139	246628	105.51	nq	# 12
56) 2,4-Dinitrotoluene	9.79	165	116466	34.72	nq	# 55
57) Fluorene	10.12	166	351015	36.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	66710	25.93	nq	# 57
59) Diethylphthalate	10.02	149	432061	37.45	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	161433	34.89	nq	99
61) 4-Nitroaniline	10.18	138	97194	34.02	nq	96
62) Azobenzene	10.28	77	387086	33.93	nq	91
64) 4,6-Dinitro-2-methylphenol	10.20	198	23299	14.09	nq	88
65) n-Nitrosodiphenylamine	10.25	169	345838	34.88	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	103588	32.32	nq	# 81
67) Hexachlorobenzene	10.67	284	109645	32.92	nq	# 84
68) Atrazine	10.78	200	96689	32.21	nq	91
69) Pentachlorophenol	10.88	266	47396	27.00	nq	98
70) Phenanthrene	11.08	178	524801	33.47	nq	99
71) Anthracene	11.13	178	556053	35.16	nq	99
72) Carbazole	11.30	167	560542	37.88	nq	97
73) Di-n-butylphthalate	11.63	149	654209	34.92	nq	# 98
74) Fluoranthene	12.26	202	588260	35.56	nq	97
76) Benzidine	12.40	184	170836	27.55	nq	97
77) Pyrene	12.48	202	565841	34.05	nq	99
79) Butylbenzylphthalate	13.11	149	254701	34.66	nq	# 83
80) Benzo(a)anthracene	13.67	228	414961	32.51	nq	100
81) 3,3'-Dichlorobenzidine	13.65	252	112185	32.69	nq	99
82) Chrysene	13.71	228	473043	39.40	nq	97
83) Bis(2-ethylhexyl)phthalate	13.67	149	333048	37.24	nq	99
84) Di-n-octyl phthalate	14.29	149	637472	43.86	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	383143	34.35	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	843142	58.97	nq	# 97
88) Benzo(k)fluoranthene	14.70	252	843142	78.18	nq	98
89) Benzo(a)pyrene	14.98	252	396765	34.30	nq	# 95
90) Dibenzo(a,h)anthracene	16.25	278	313391	29.17	nq	97
91) Benzo(g,h,i)perylene	16.62	276	319874	28.94	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.10 min

Lab File: BF088414.D

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EDD-3EMS

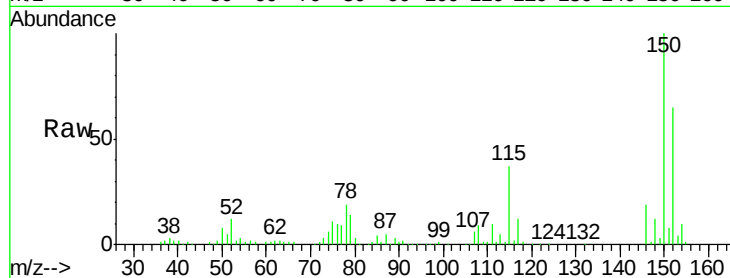
Tot Ion:152 Resp: 227205

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

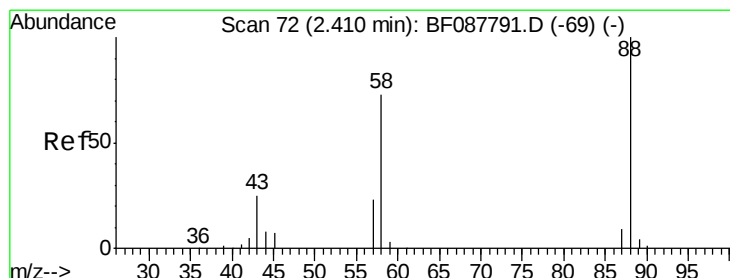
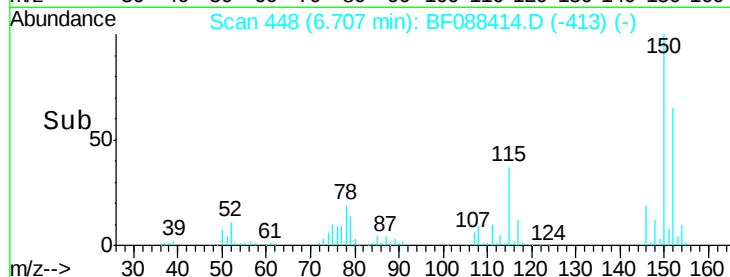
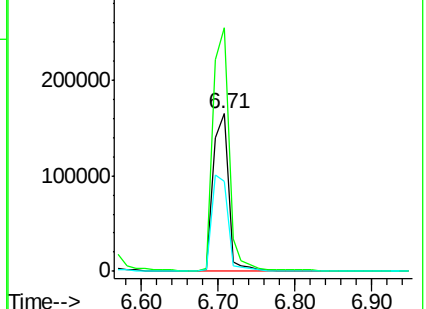
115 57.4 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.55 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

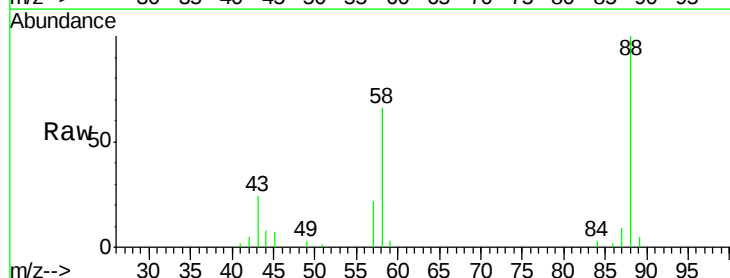
Tgt Ion: 88 Resp: 55232

Ion Ratio Lower Upper

88 100

58 70.9 0.0 0.0#

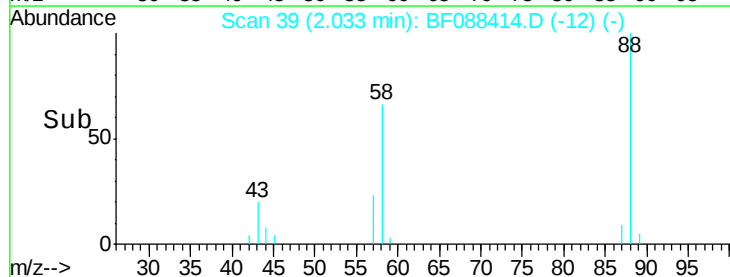
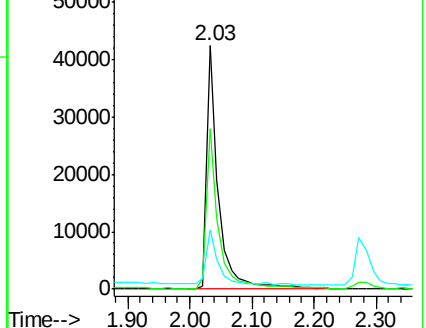
43 26.1 3.4 5.2#

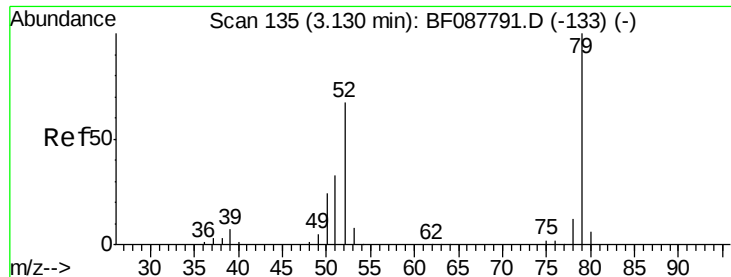


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 9.42 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

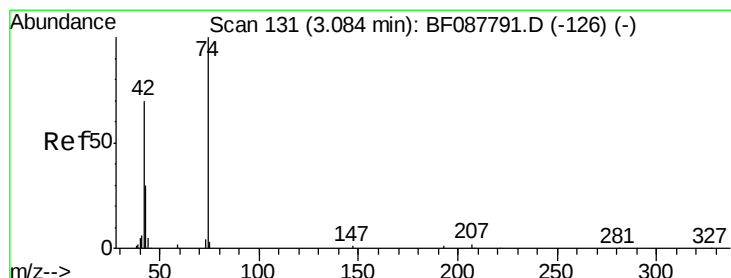
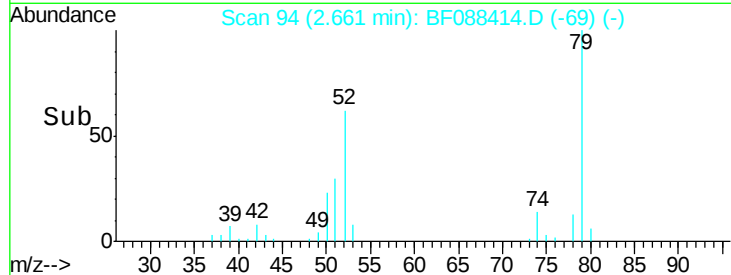
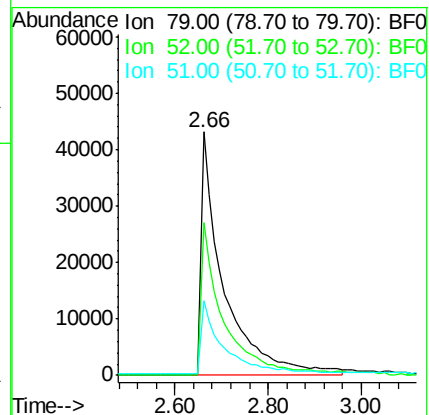
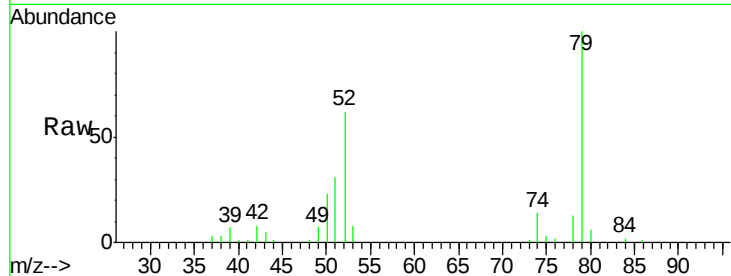
Tot Ion: 79 Resp: 143689

Ion Ratio Lower Upper

79 100

52 62.5 56.3 84.5

51 30.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 10.30 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

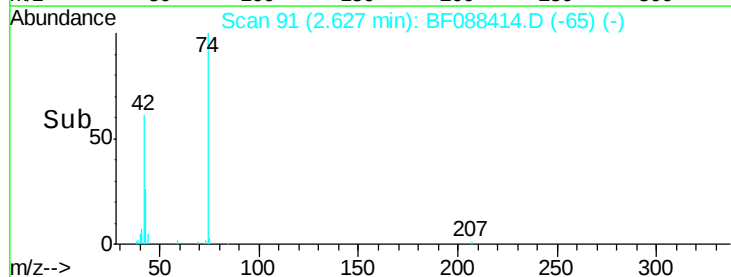
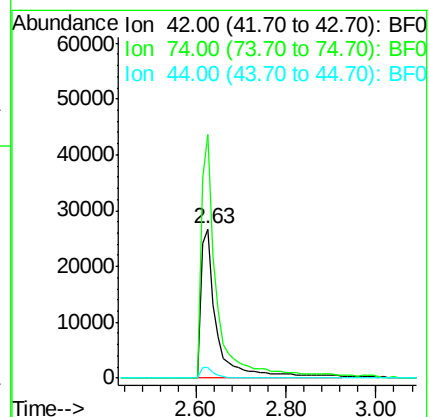
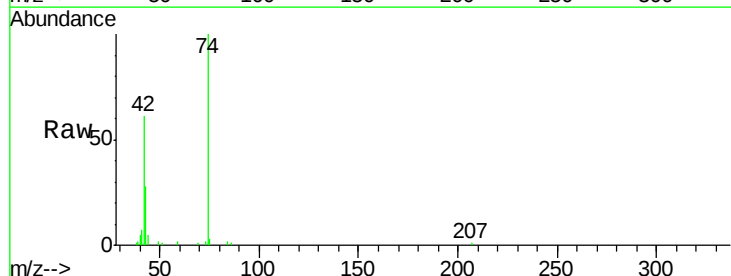
Tgt Ion: 42 Resp: 66495

Ion Ratio Lower Upper

42 100

74 162.9 108.6 163.0

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 34.13 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

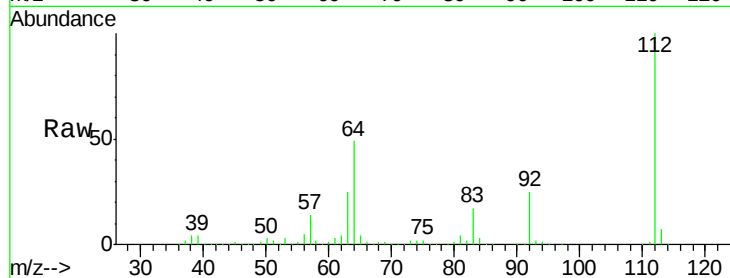
Tot Ion:112 Resp: 453588

Ion Ratio Lower Upper

112 100

64 49.0 42.2 63.2

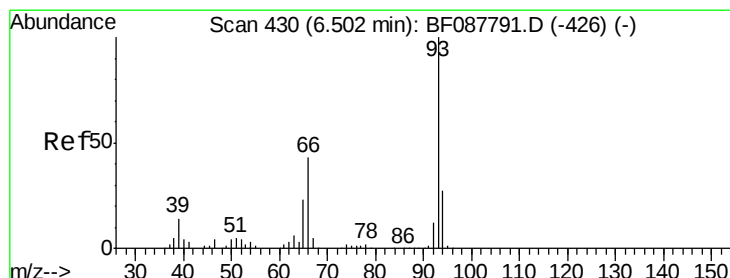
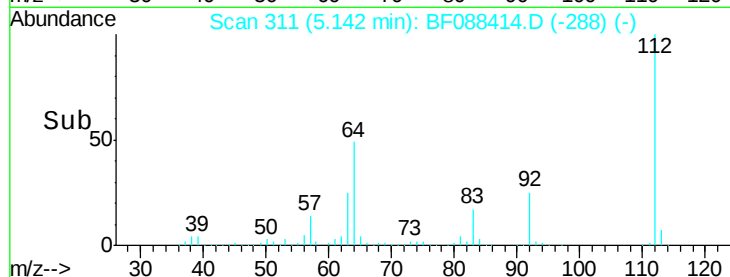
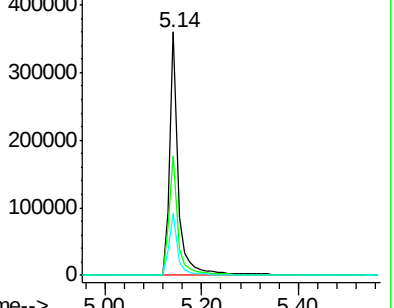
63 25.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.79 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

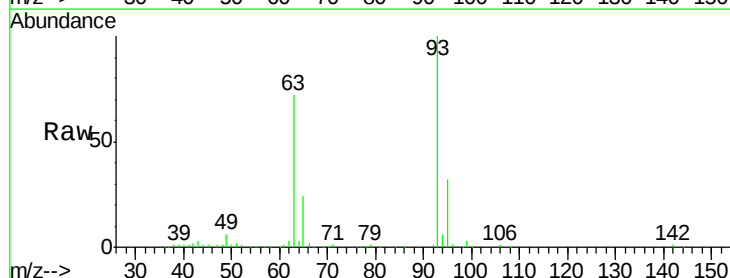
Tgt Ion: 93 Resp: 201629

Ion Ratio Lower Upper

93 100

66 2.2 29.8 44.8#

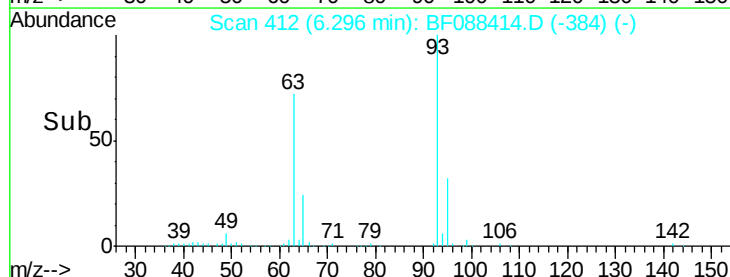
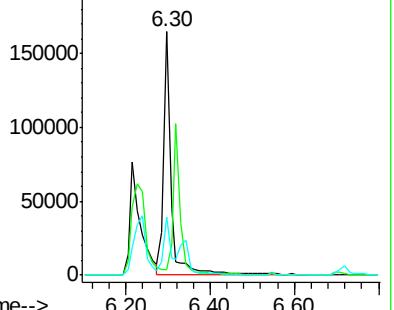
65 23.9 14.9 22.3#



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: 35.23 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

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ClientSampleId :

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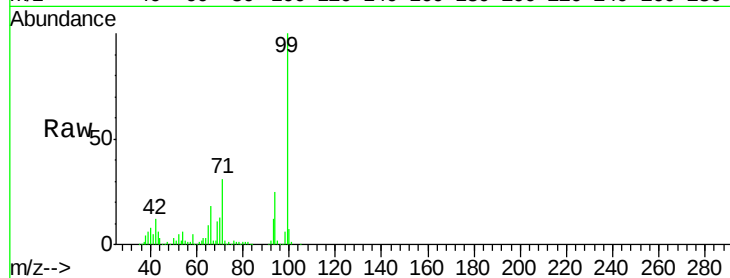
Tot Ion: 99 Resp: 567462

Ion Ratio Lower Upper

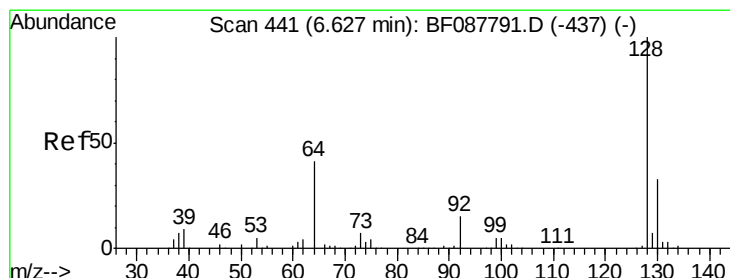
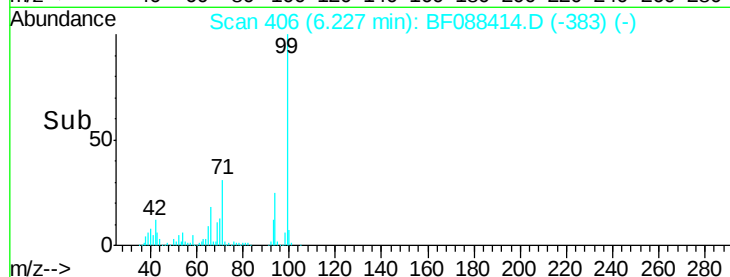
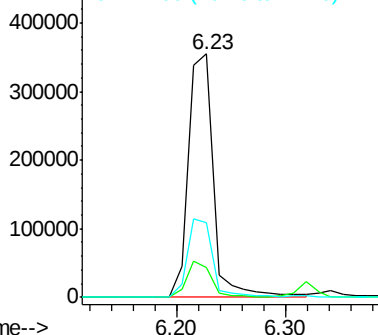
99 100

42 12.5 12.2 18.2

71 30.5 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 12.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

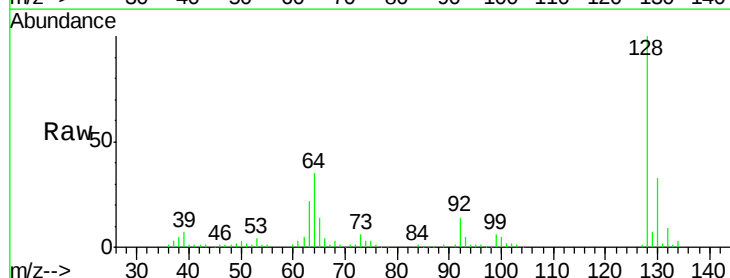
Tgt Ion: 128 Resp: 196539

Ion Ratio Lower Upper

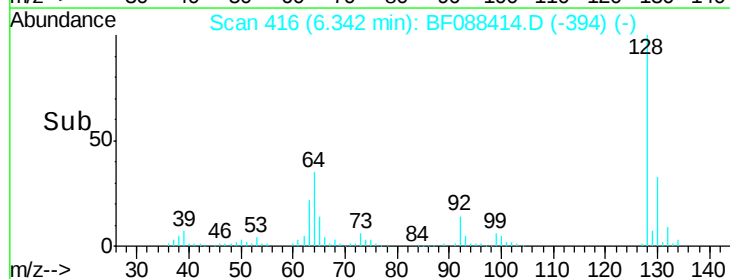
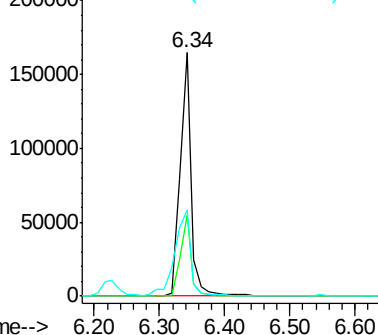
128 100

130 33.1 12.0 52.0

64 35.2 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 12.70 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

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Acq: 26 Jun 2016 13:10

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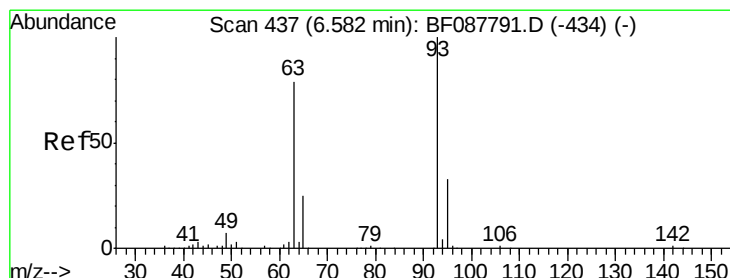
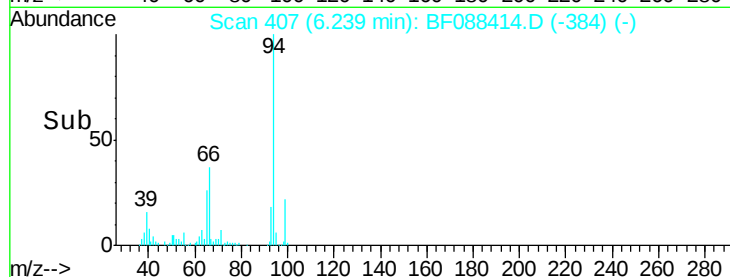
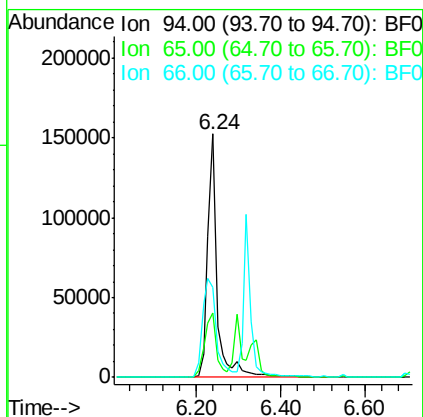
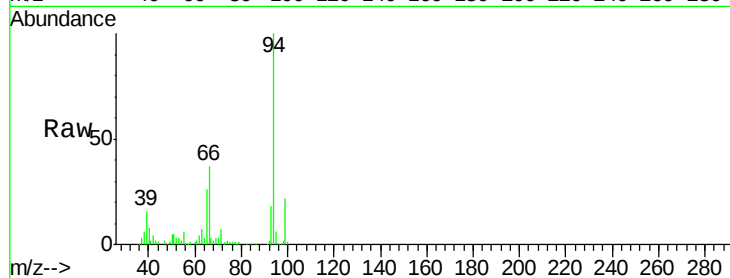
Tot Ion: 94 Resp: 240958

Ion Ratio Lower Upper

94 100

65 26.3 5.9 45.9

66 37.1 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 14.28 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

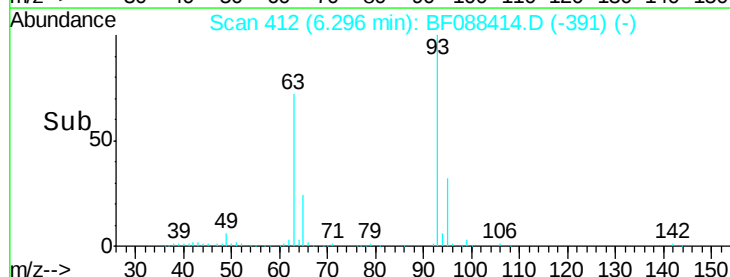
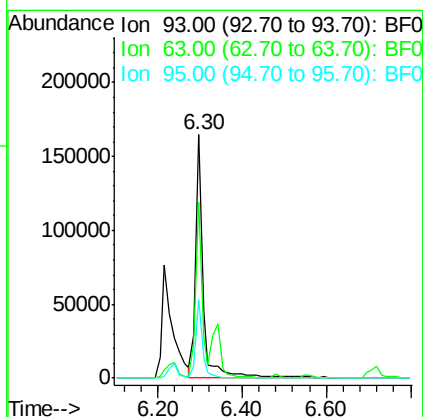
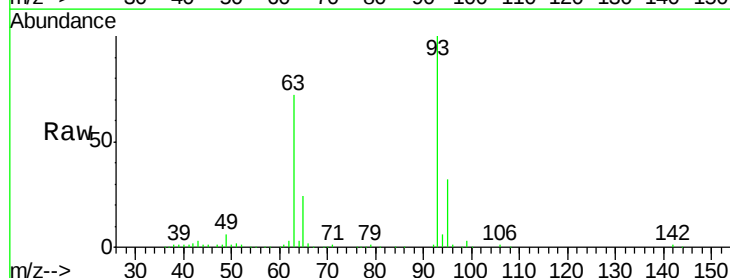
Tgt Ion: 93 Resp: 201746

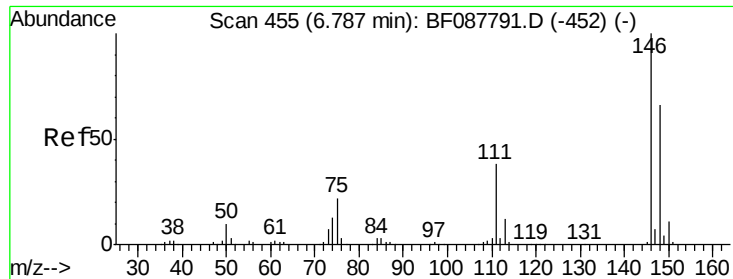
Ion Ratio Lower Upper

93 100

63 72.3 67.6 107.6

95 32.1 12.5 52.5

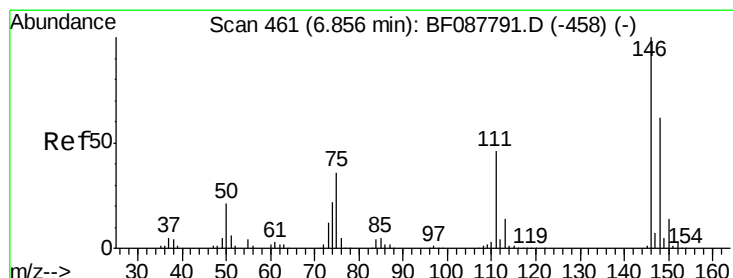
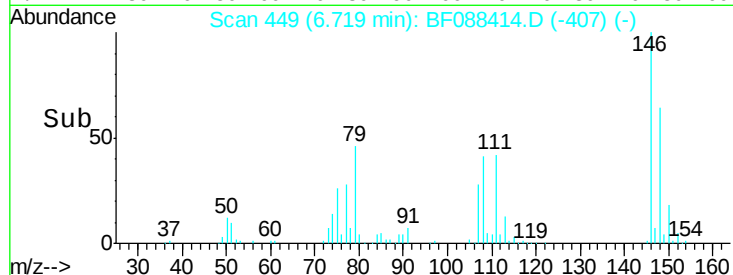
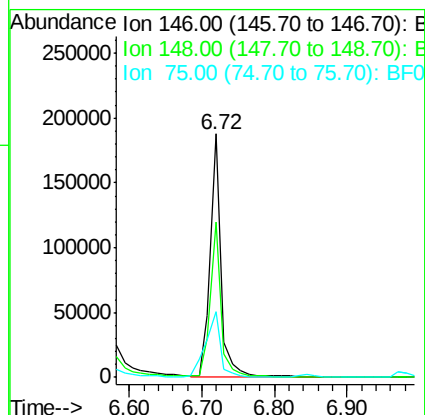
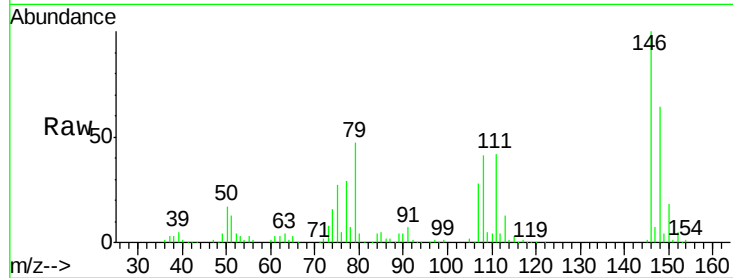




#12
 1,3-Dichlorobenzene
 Concen: 11.49 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.18 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

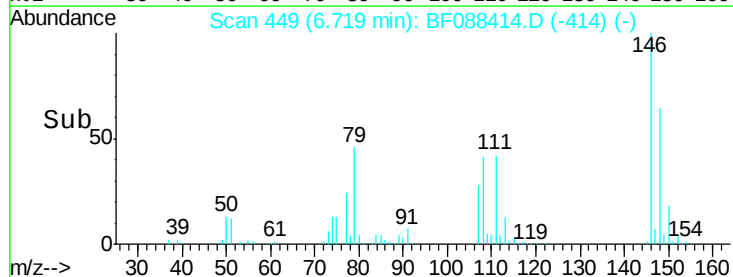
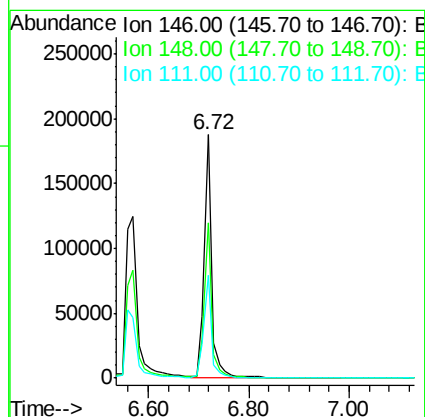
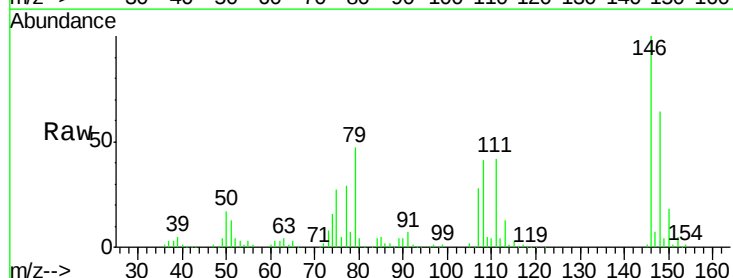
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:146 Resp: 193908
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.9 76.3
 75 26.8 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 11.86 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.10 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:146 Resp: 201691
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 42.0 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 13.06 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

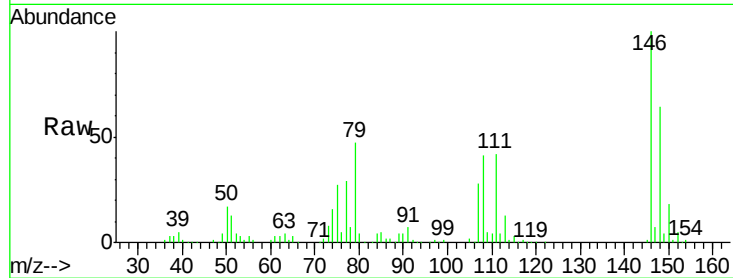
Tot Ion:146 Resp: 201913

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

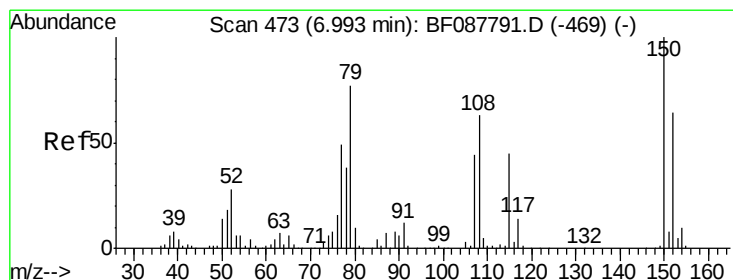
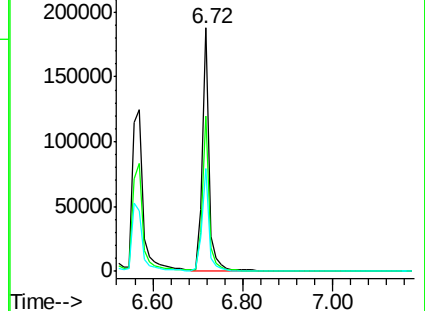
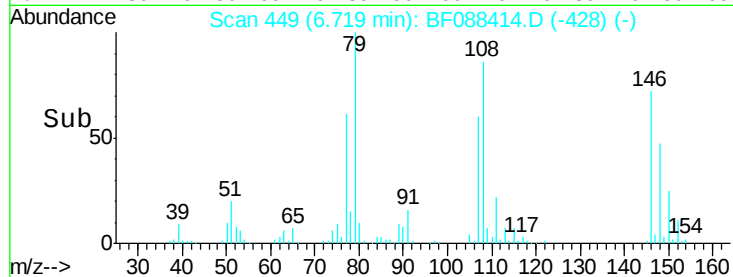
111 42.0 28.7 43.1



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: 11.29 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

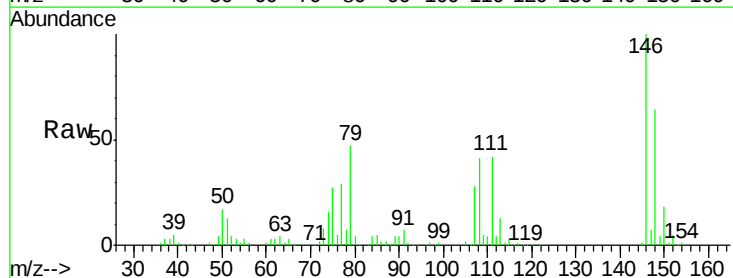
Tgt Ion: 79 Resp: 142227

Ion Ratio Lower Upper

79 100

108 86.8 65.0 97.6

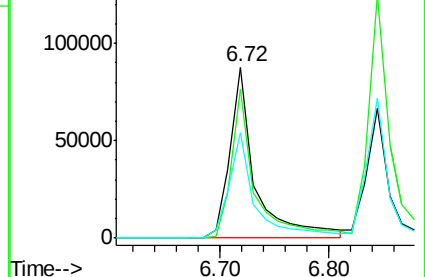
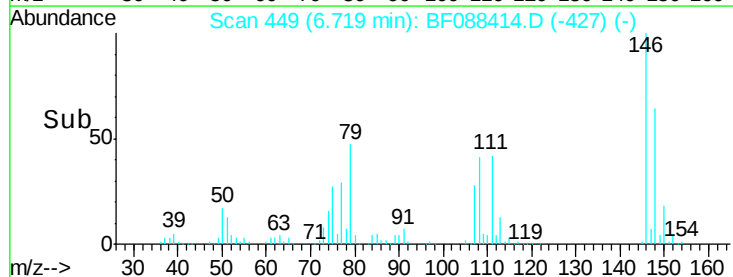
77 61.8 50.3 75.5



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

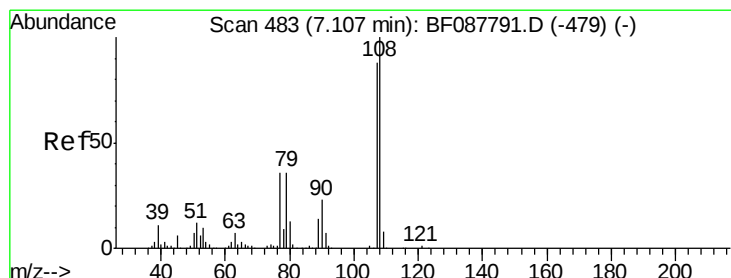
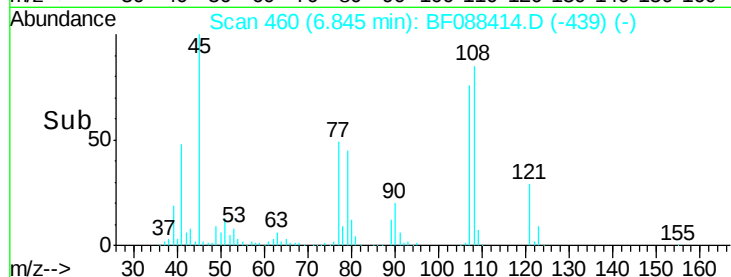
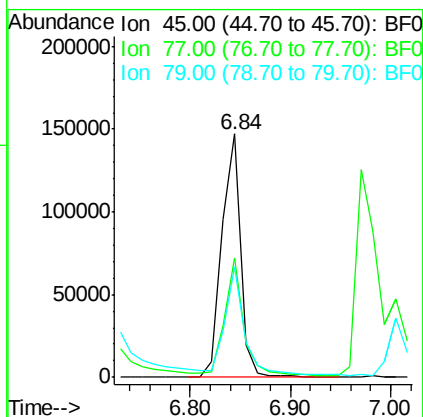
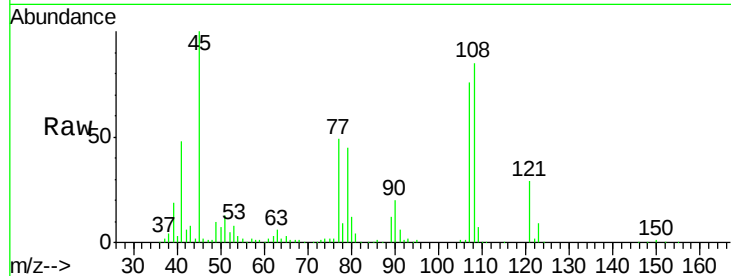




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 10.01 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

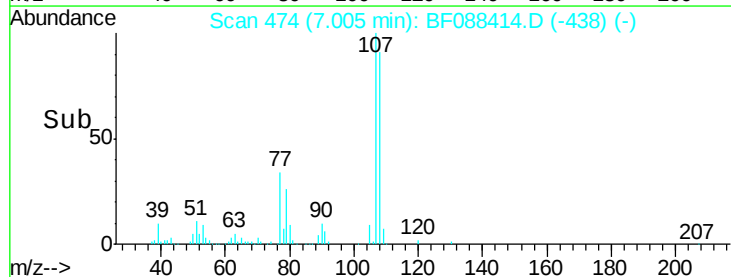
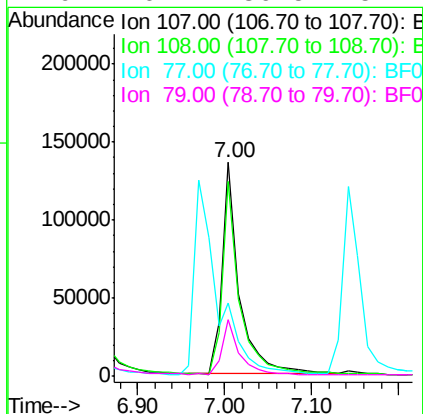
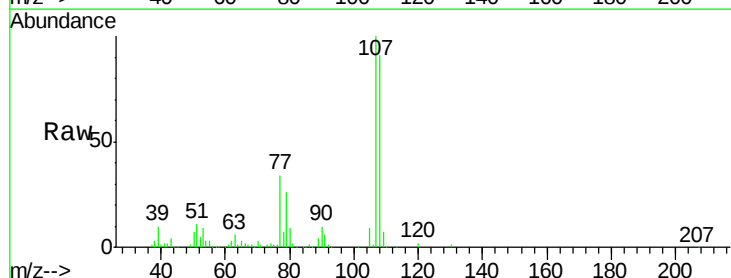
Instrument :
BNA_F
ClientSampled :
EDD-3EMS

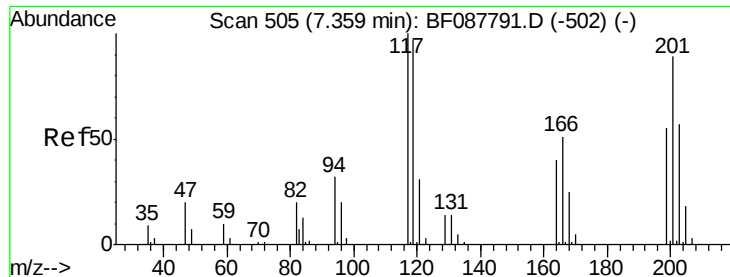
Tot Ion: 45 Resp: 190981
Ion Ratio Lower Upper
45 100
77 48.8 0.0 32.5#
79 45.3 0.0 29.5#



#17
2-Methylphenol
Concen: 14.68 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion: 107 Resp: 187234
Ion Ratio Lower Upper
107 100
108 91.0 90.9 136.3
77 34.5 36.6 55.0#
79 26.4 36.5 54.7#

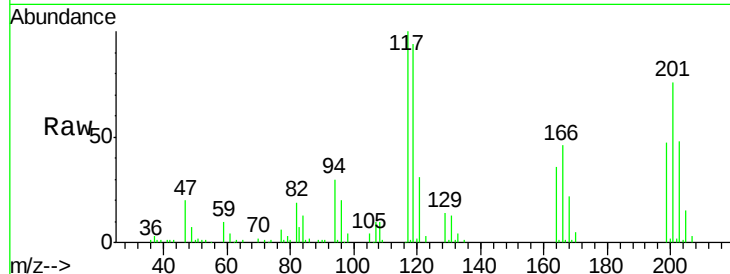




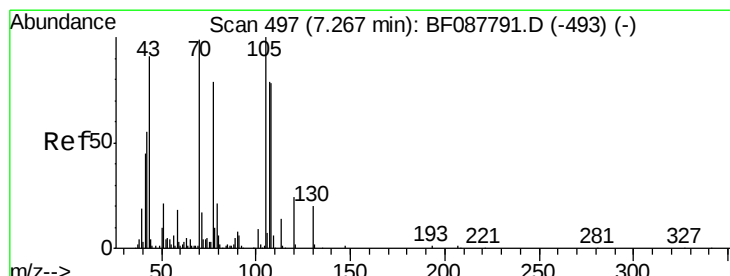
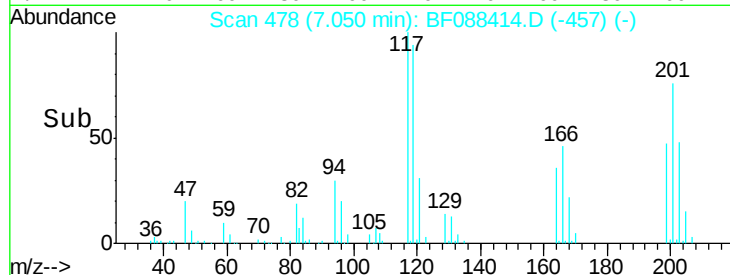
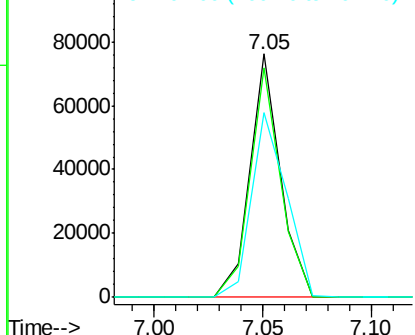
#18
Hexachloroethane
Concen: 12.24 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:117 Resp: 73827
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2
201 76.1 80.4 120.6#

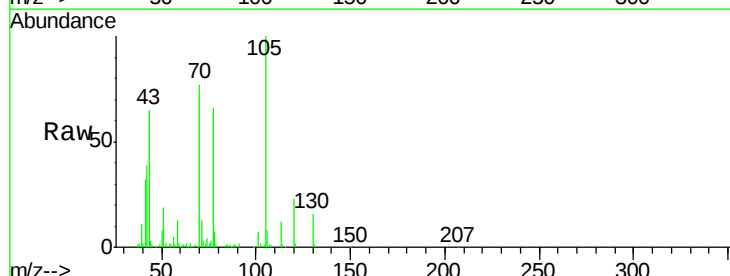


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

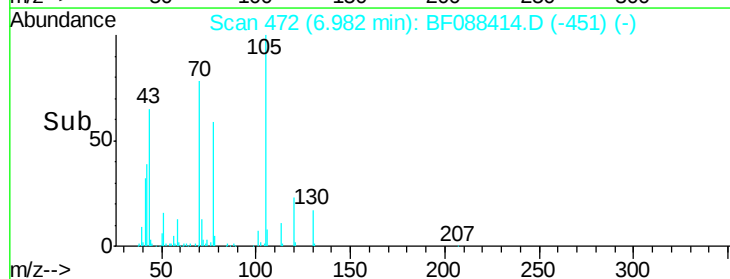
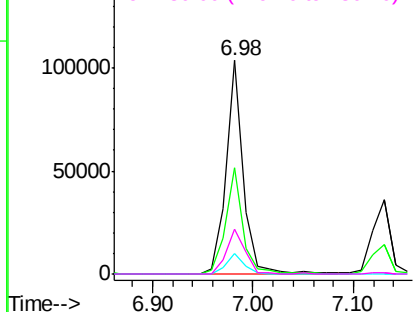


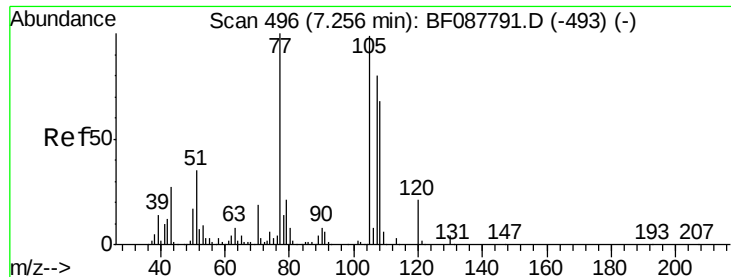
#19
n-Nitroso-di-n-propylamine
Concen: 11.85 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion: 70 Resp: 122094
Ion Ratio Lower Upper
70 100
42 50.0 49.6 74.4
101 9.5 7.1 10.7
130 21.3 15.4 23.2



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 12.58 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tot Ion:107 Resp: 187234

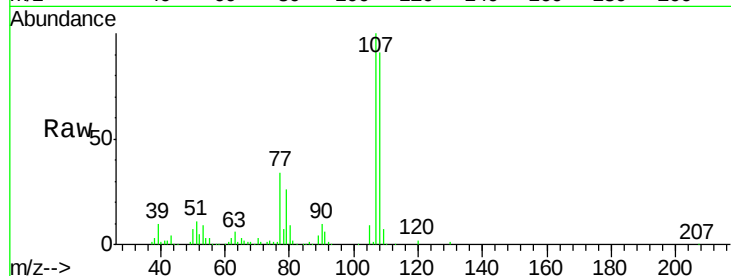
Ion Ratio Lower Upper

107 100

108 91.0 67.8 107.8

77 34.5 59.3 99.3#

79 26.4 7.0 47.0

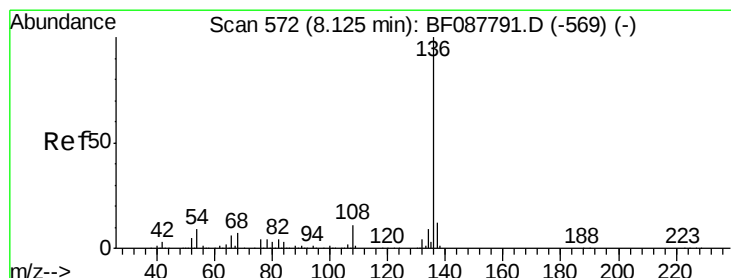
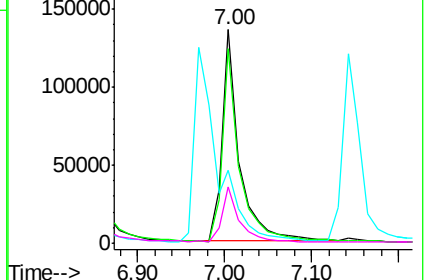
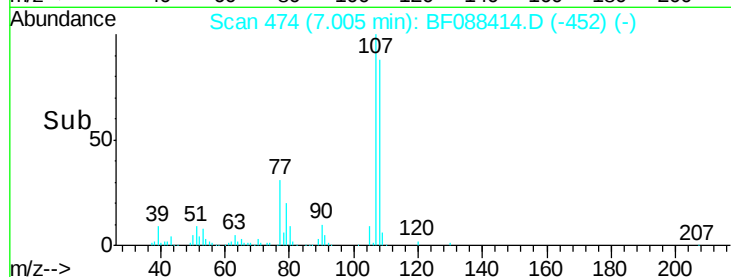


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:136 Resp: 350613

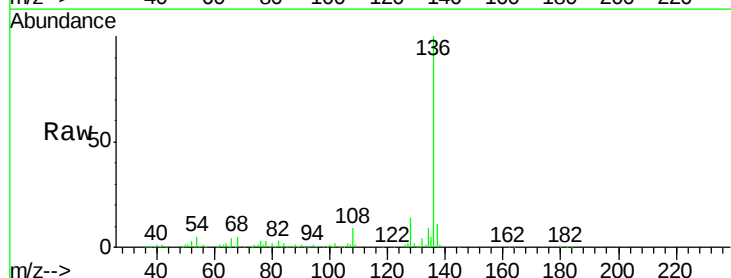
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.4 6.6 10.0#

68 4.8 5.1 7.7#

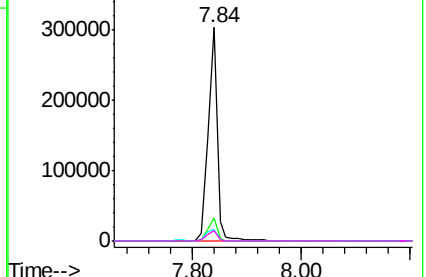
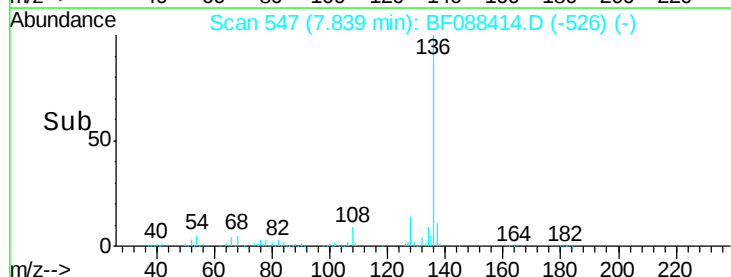


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.81 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tot Ion:105 Resp: 264882

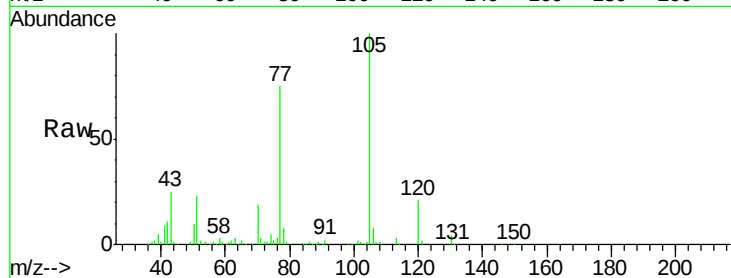
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 23.4 18.2 27.4

120 21.0 18.0 27.0



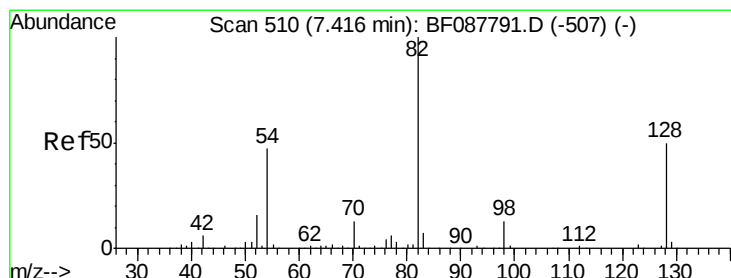
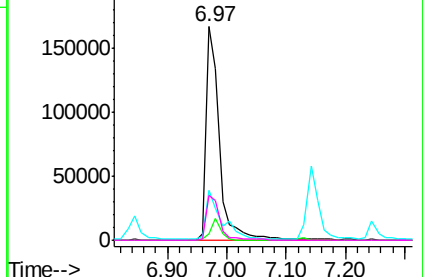
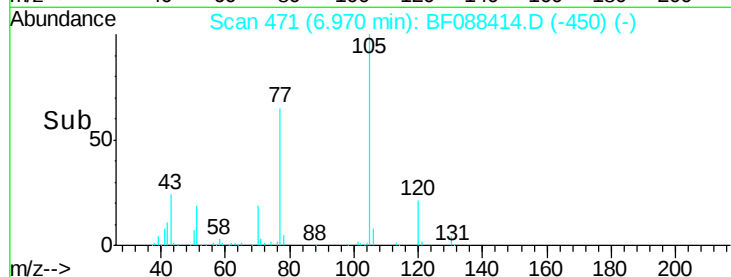
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 58.81 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

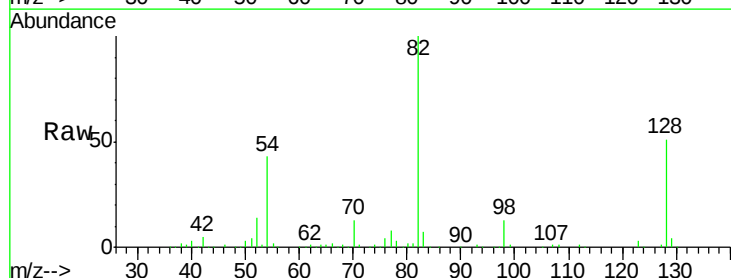
Tgt Ion: 82 Resp: 353106

Ion Ratio Lower Upper

82 100

128 50.6 35.9 53.9

54 42.6 40.9 61.3

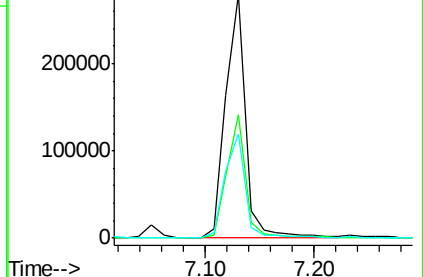
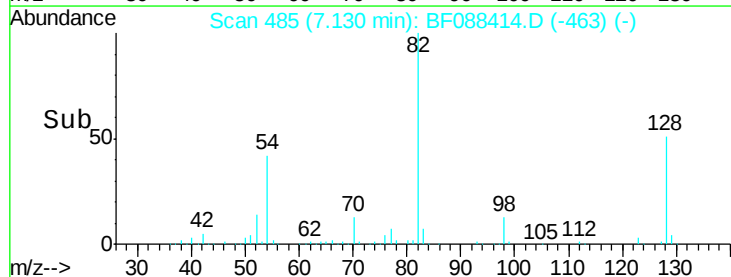


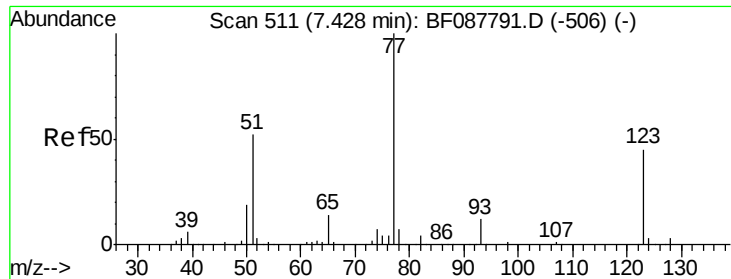
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

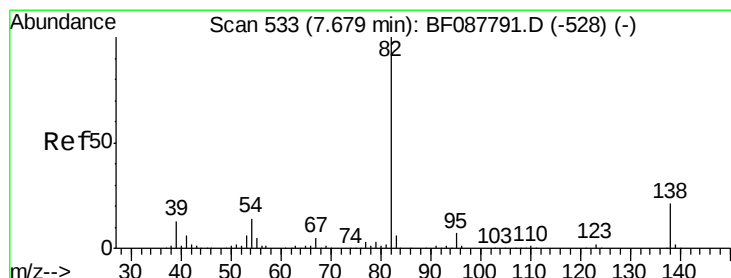
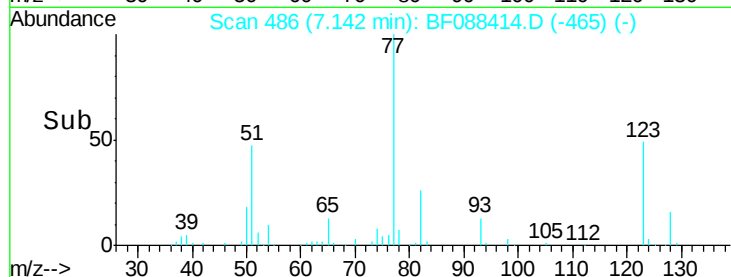
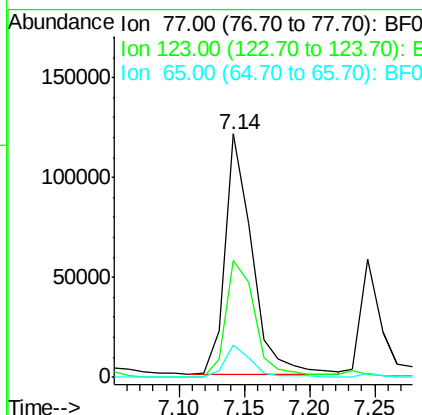
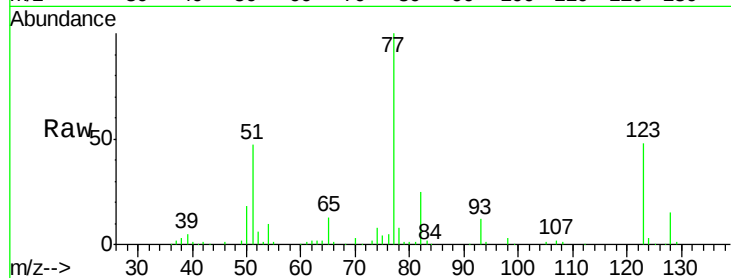




#24
Nitrobenzene
Concen: 29.55 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

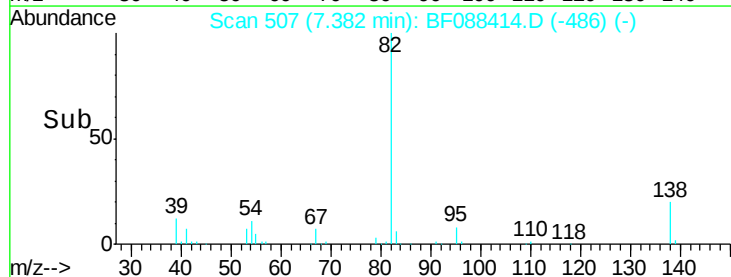
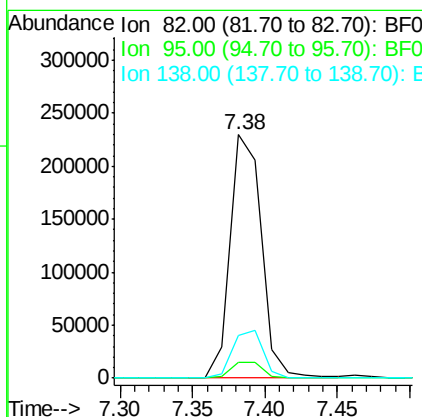
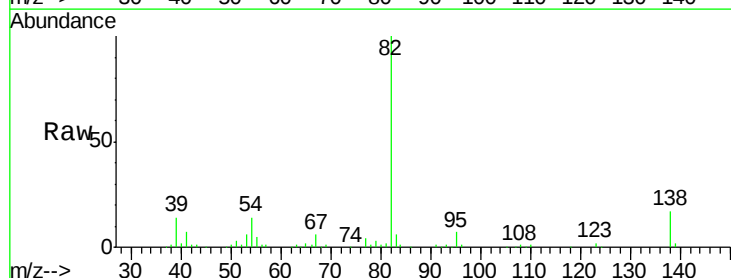
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion: 77 Resp: 171853
Ion Ratio Lower Upper
77 100
123 47.8 45.0 67.4
65 13.1 10.2 15.2



#25
Isophorone
Concen: 30.73 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion: 82 Resp: 341790
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.3 14.6 21.8

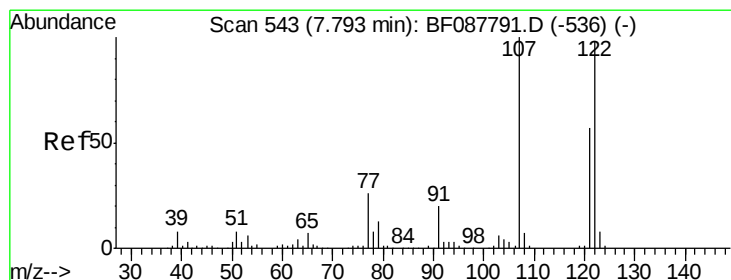
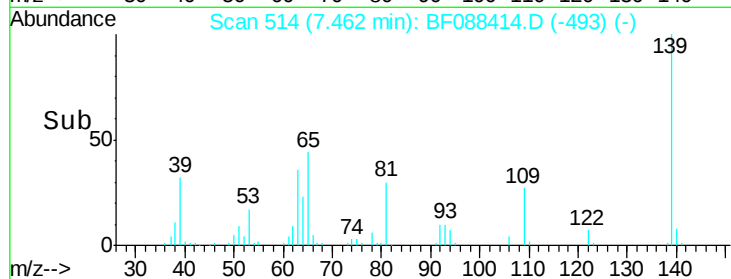
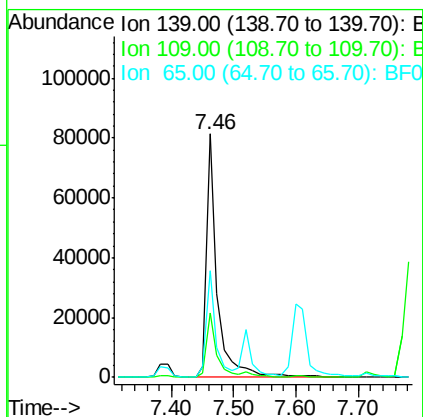
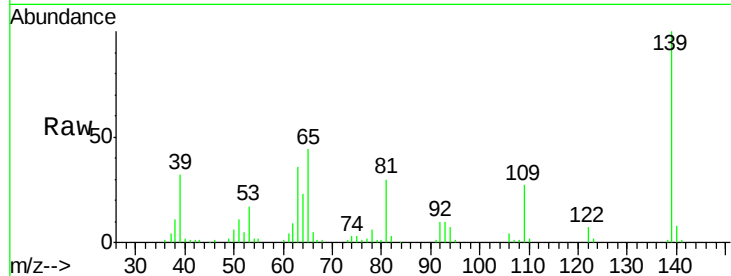




#26
2-Nitrophenol
Concen: 31.47 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

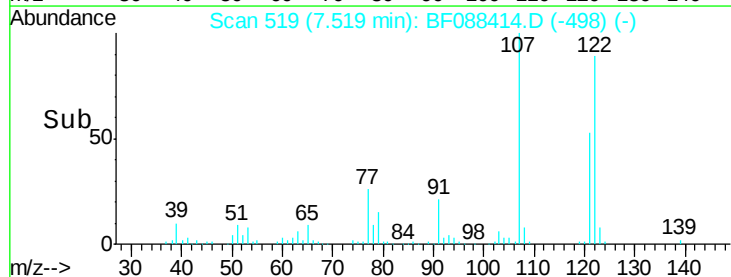
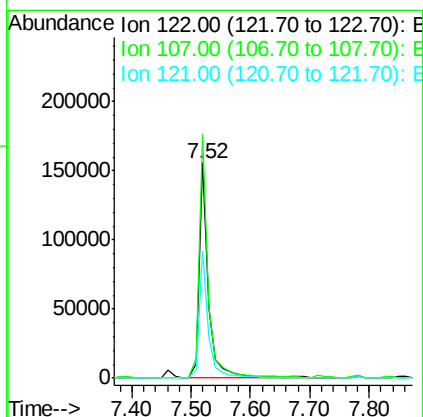
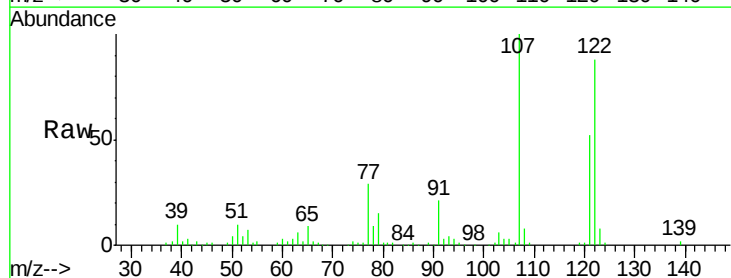
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:139 Resp: 98055
Ion Ratio Lower Upper
139 100
109 26.7 23.0 34.4
65 44.1 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 30.24 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:122 Resp: 173458
Ion Ratio Lower Upper
122 100
107 113.1 82.4 123.6
121 59.3 46.3 69.5

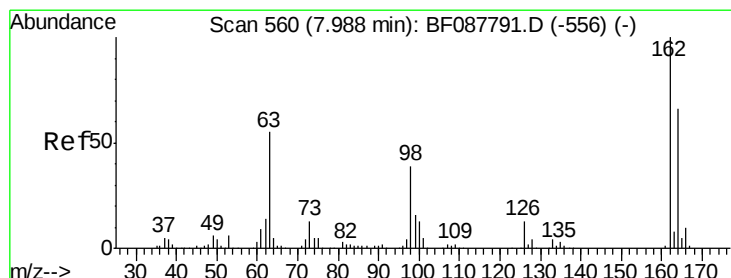
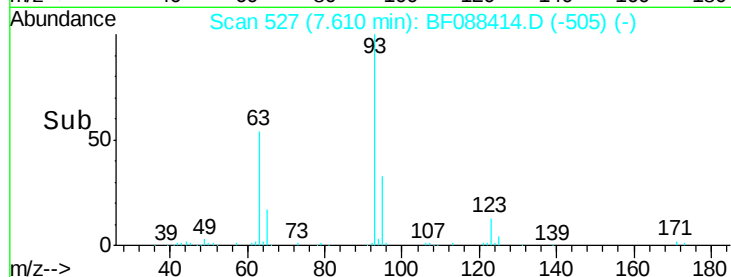
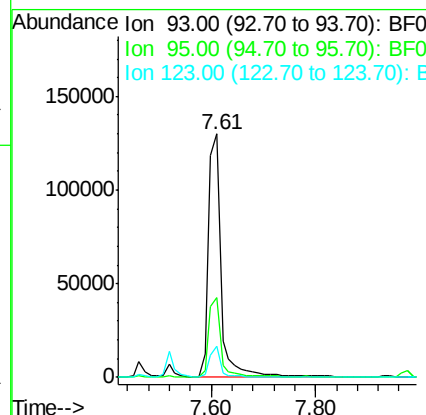
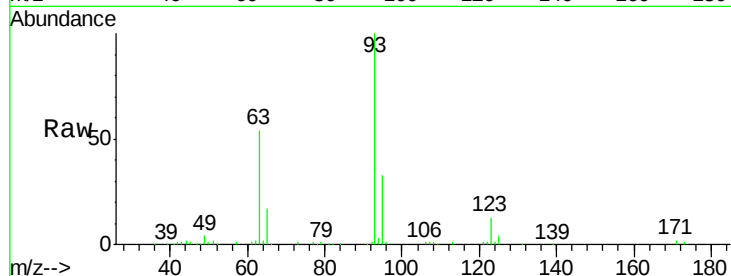




#28
bis(2-Chloroethoxy)methane
Concen: 31.35 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

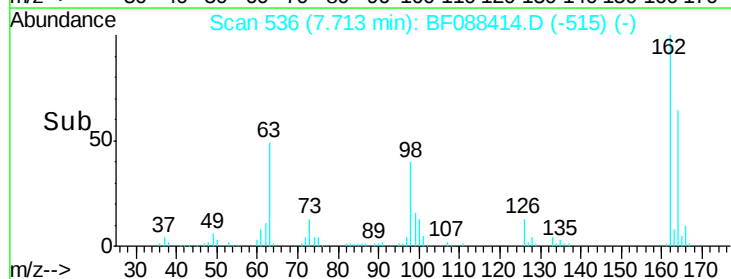
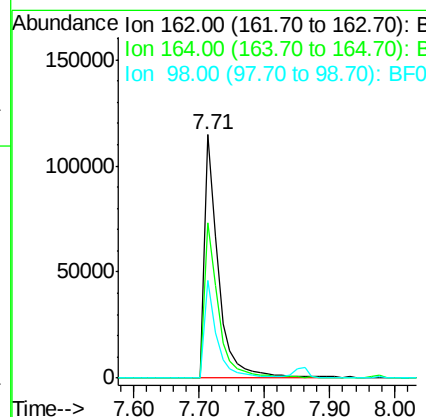
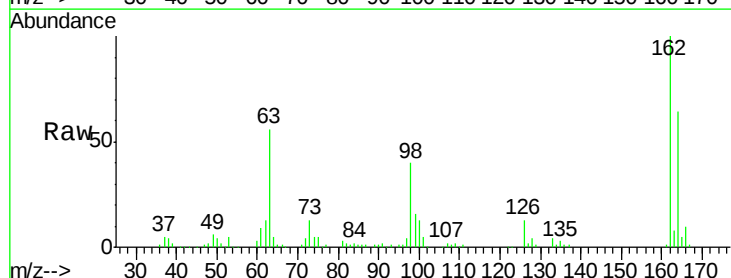
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

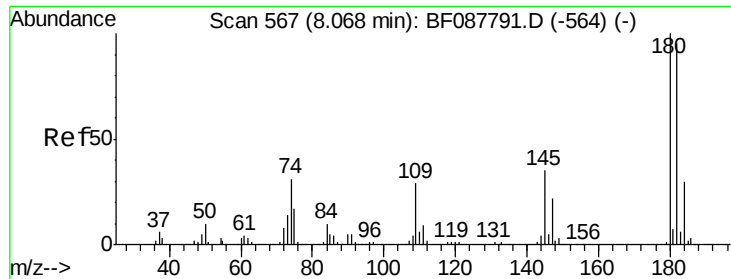
Tot Ion: 93 Resp: 216217
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 13.0 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 35.46 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion: 162 Resp: 169832
Ion Ratio Lower Upper
162 100
164 63.6 43.8 83.8
98 40.4 21.3 61.3

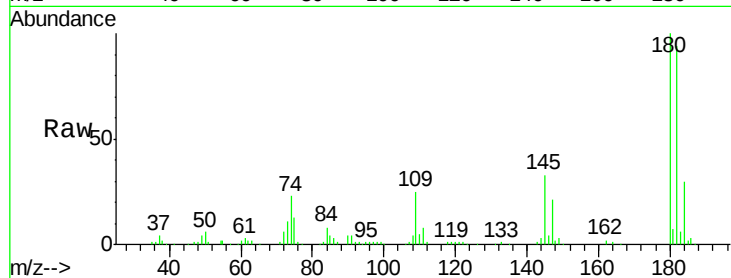




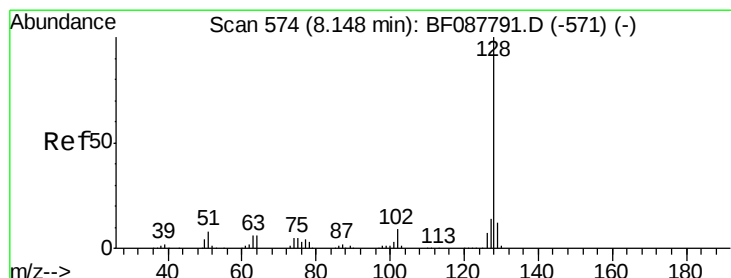
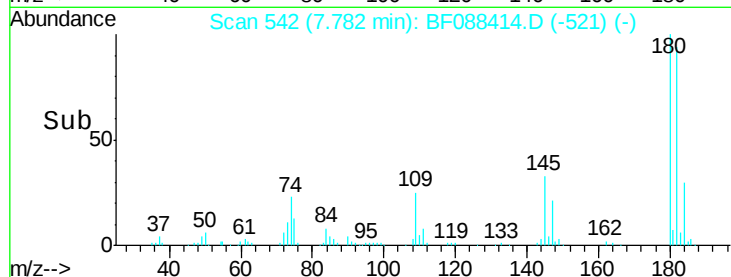
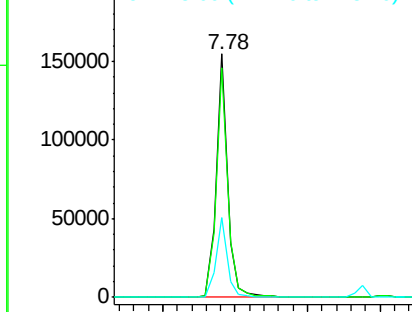
#30
1,2,4-Trichlorobenzene
Concen: 32.67 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:180 Resp: 170364
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 32.7 26.5 39.7

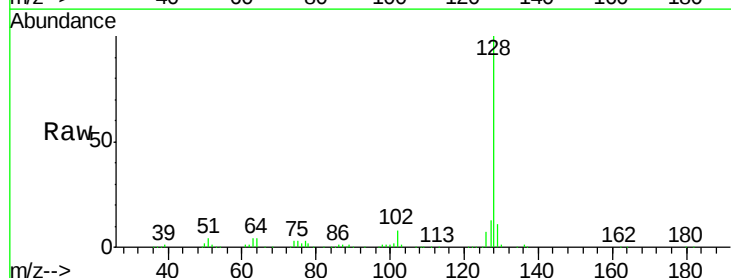


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

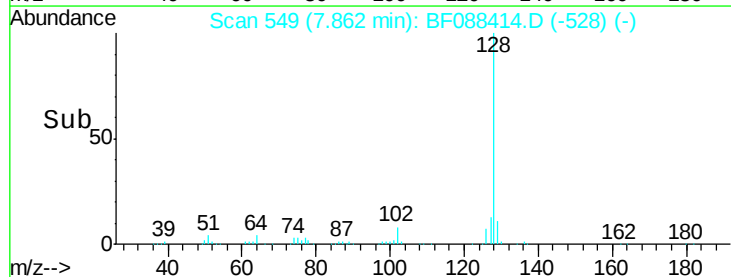
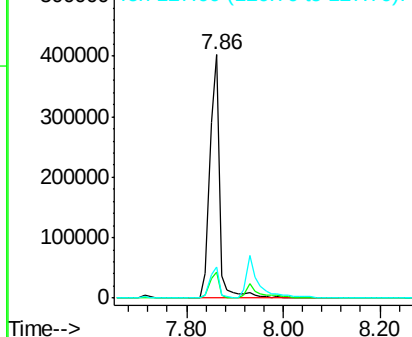


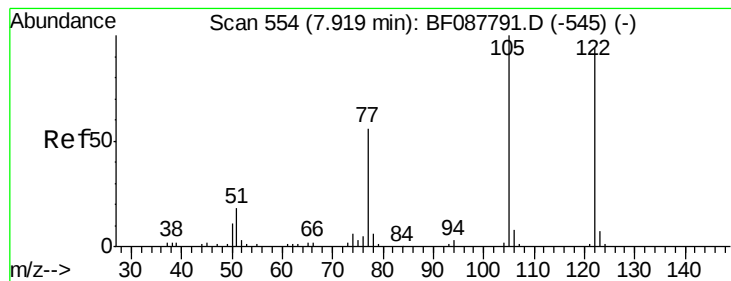
#31
Naphthalene
Concen: 33.25 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:128 Resp: 576933
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 12.9 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: 54.91 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.21 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

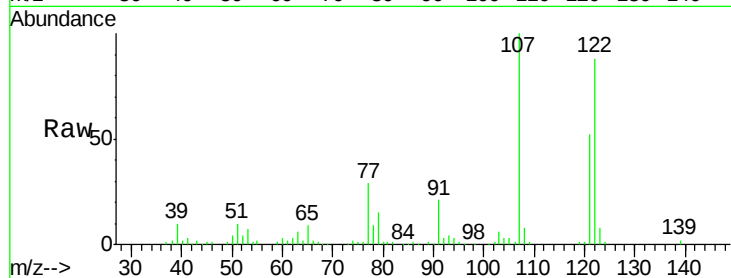
Tot Ion:122 Resp: 173458

Ion Ratio Lower Upper

122 100

105 3.7 101.6 141.6#

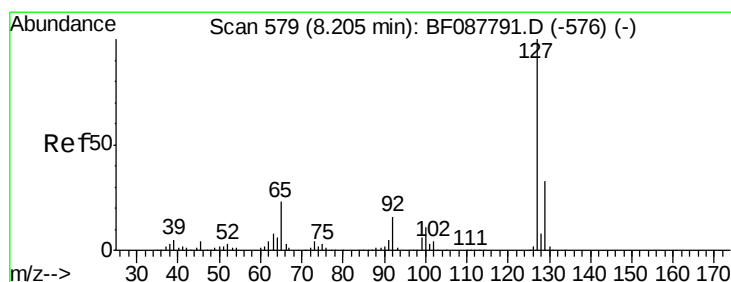
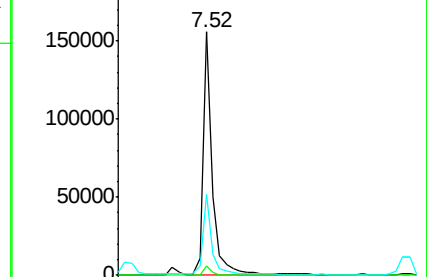
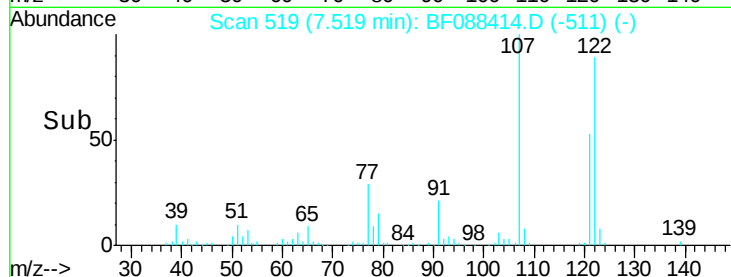
77 33.4 70.6 110.6#



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: 16.48 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:127 Resp: 127668

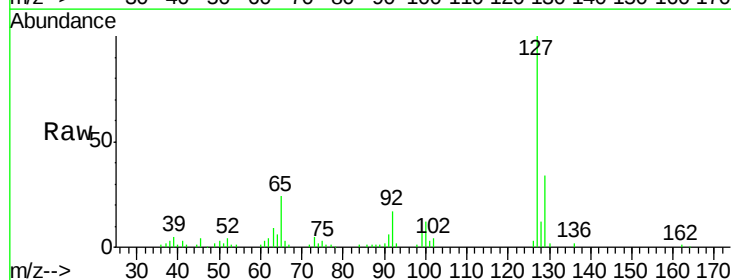
Ion Ratio Lower Upper

127 100

129 33.5 26.3 39.5

65 24.5 24.7 37.1#

92 16.7 15.4 23.0

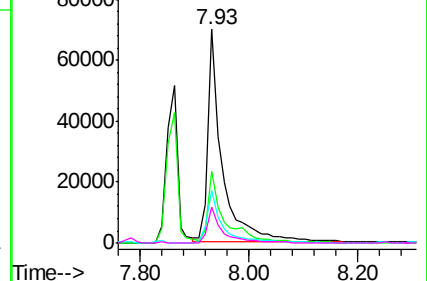
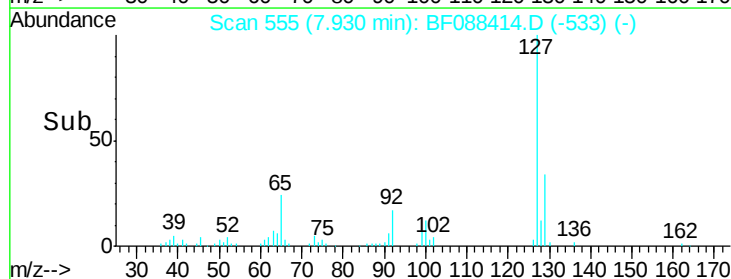


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

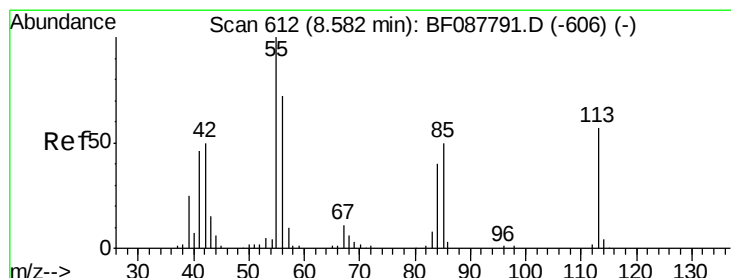
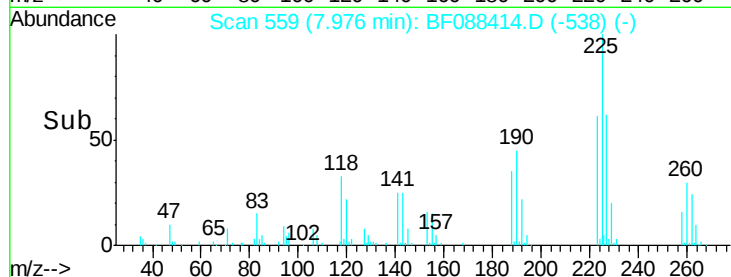
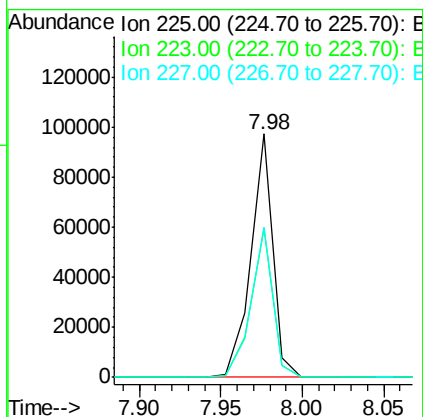
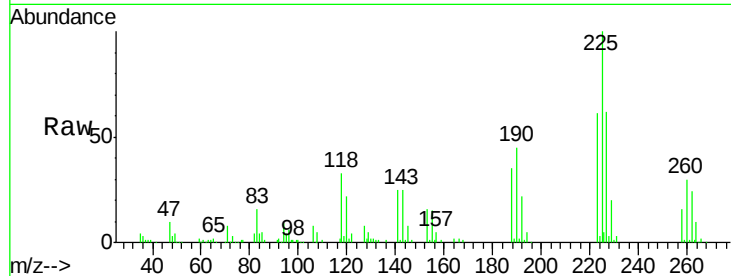




#34
Hexachlorobutadiene
Concen: 32.96 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

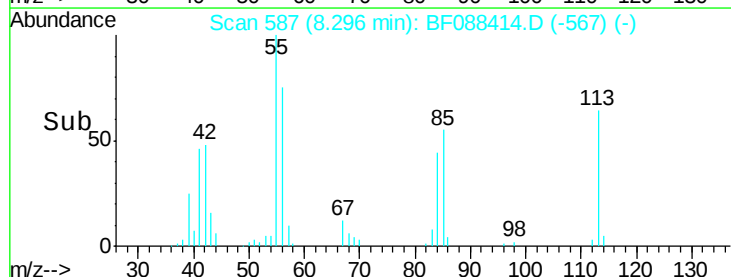
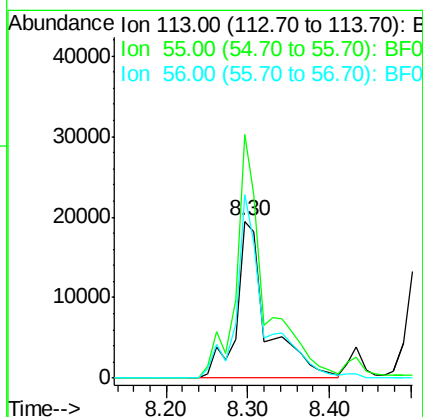
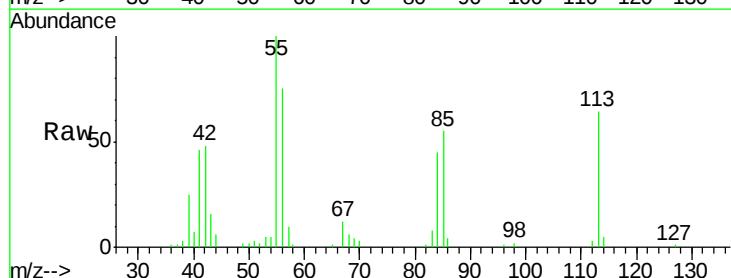
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

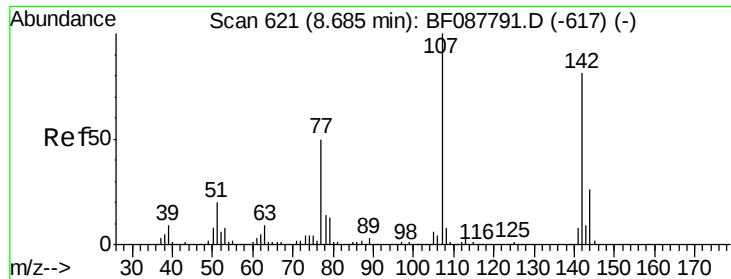
Tot Ion:225 Resp: 90640
Ion Ratio Lower Upper
225 100
223 61.4 50.9 76.3
227 61.8 51.9 77.9



#35
Caprolactam
Concen: 32.28 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.07 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:113 Resp: 51206
Ion Ratio Lower Upper
113 100
55 155.2 158.6 198.6#
56 116.7 110.6 150.6

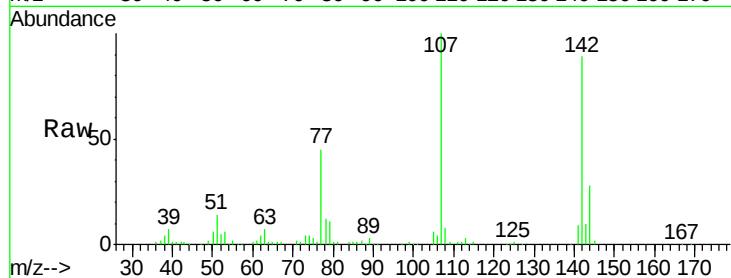




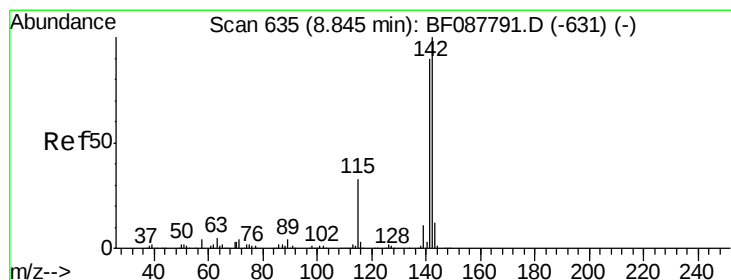
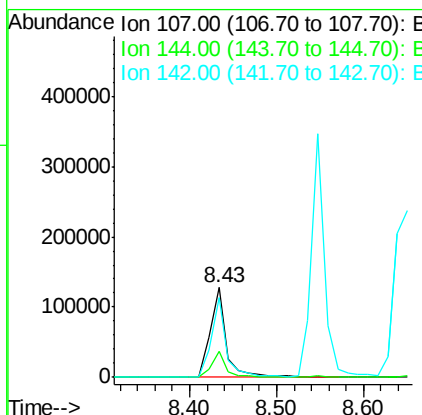
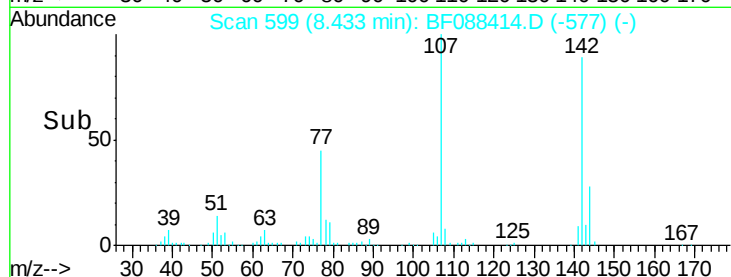
#36
 4-Chloro-3-methylphenol
 Concen: 32.83 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:107 Resp: 168136
 Ion Ratio Lower Upper
 107 100
 144 28.4 20.8 31.2
 142 88.5 63.4 95.2

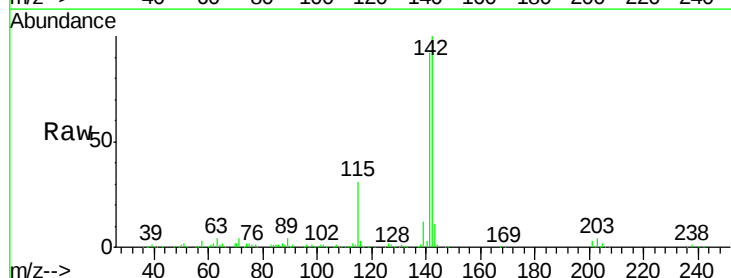


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

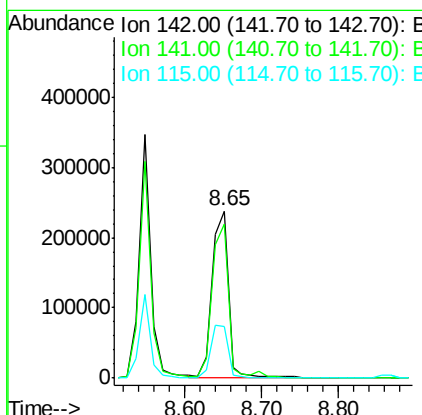
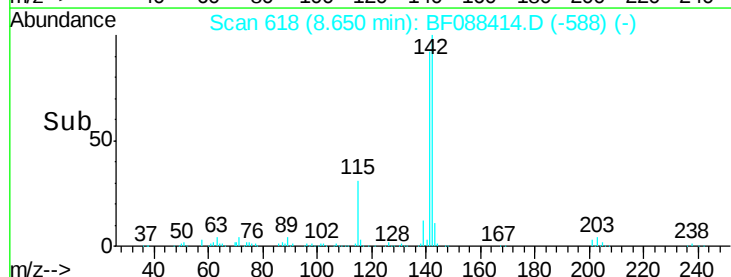


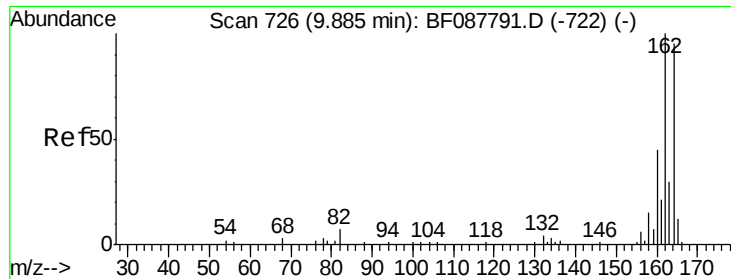
#37
 2-Methylnaphthalene
 Concen: 30.28 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.05 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:142 Resp: 346262
 Ion Ratio Lower Upper
 142 100
 141 92.3 71.0 106.6
 115 30.6 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

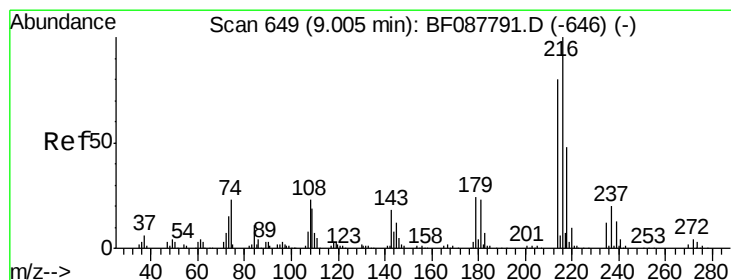
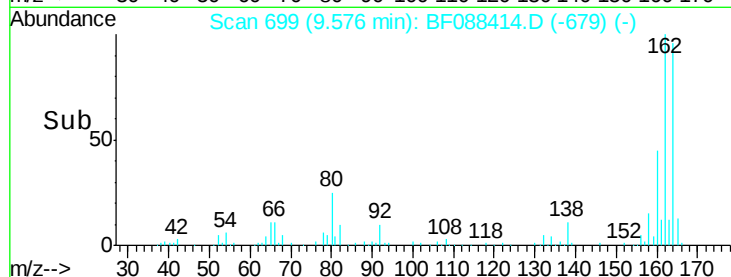
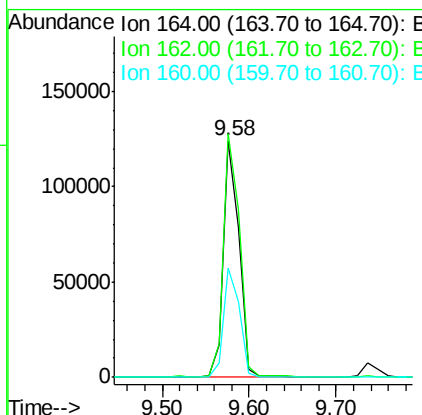
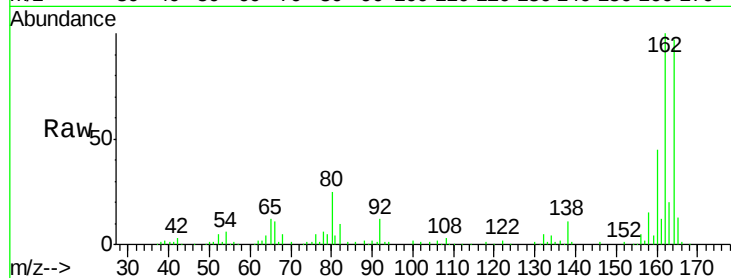




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

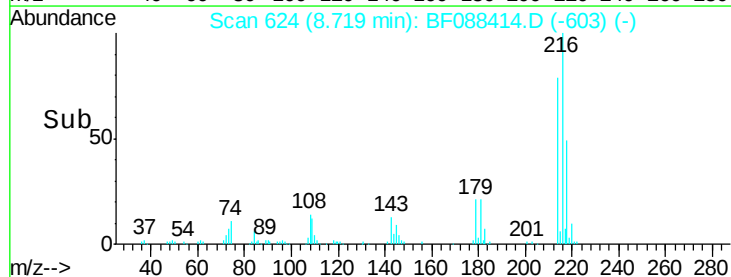
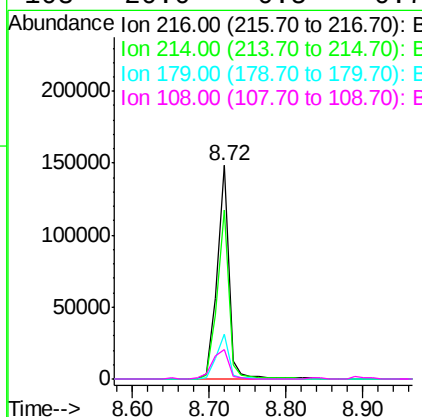
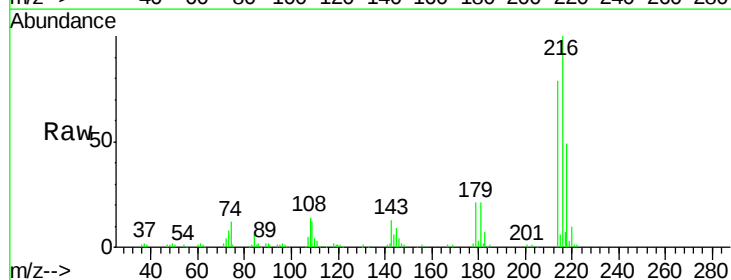
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

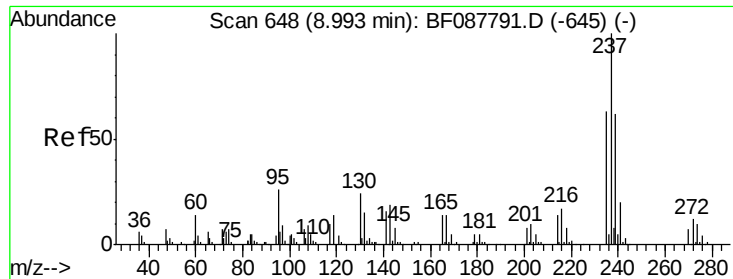
Tot Ion:164 Resp: 157333
Ion Ratio Lower Upper
164 100
162 103.1 85.4 128.2
160 46.1 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.76 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:216 Resp: 160016
Ion Ratio Lower Upper
216 100
214 79.0 2.9 4.3#
179 21.7 0.0 0.0#
108 20.0 0.5 0.7#

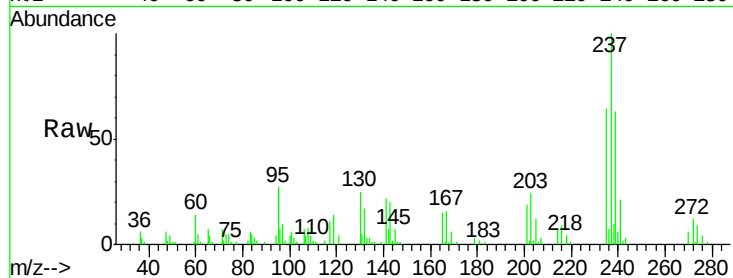




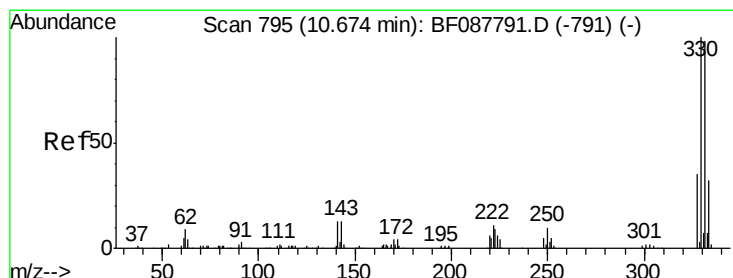
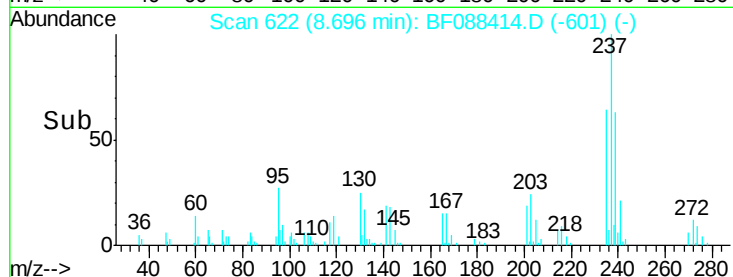
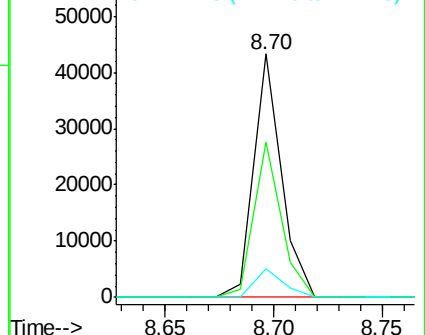
#40
Hexachlorocyclopentadiene
Concen: 15.09 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:237 Resp: 38291
Ion Ratio Lower Upper
237 100
235 63.9 43.4 83.4
272 11.7 0.0 32.3

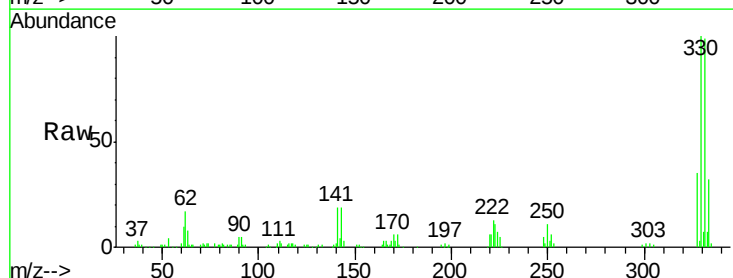


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

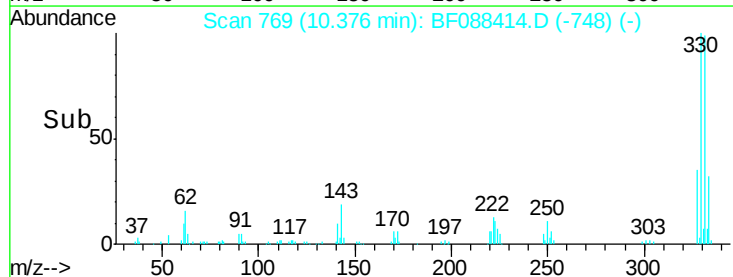
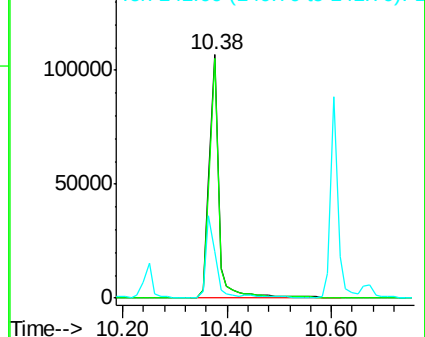


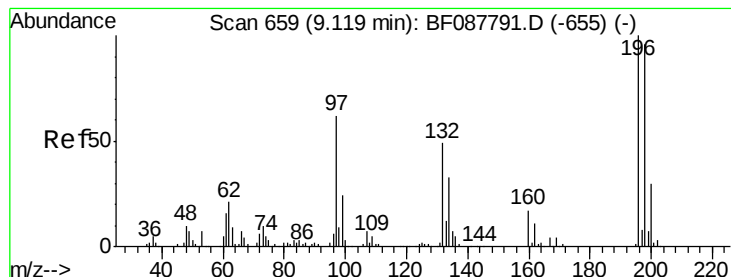
#41
2,4,6-Tribromophenol
Concen: 82.90 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:330 Resp: 137727
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 36.3 0.0 0.0#



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

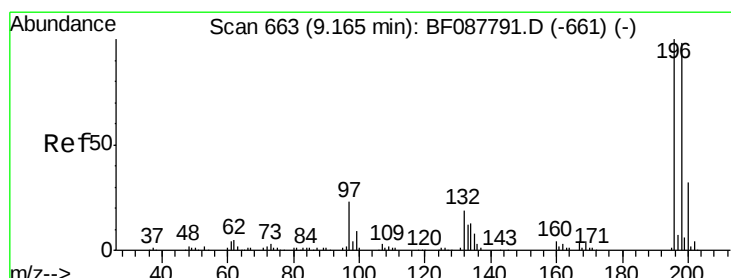
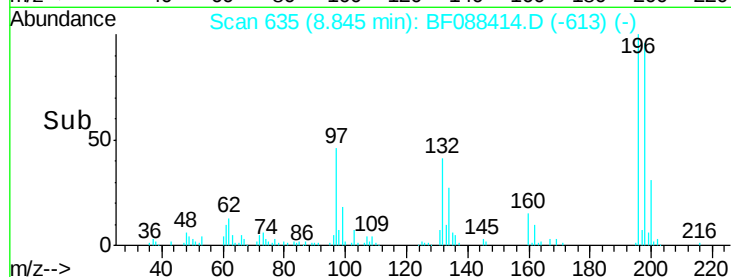
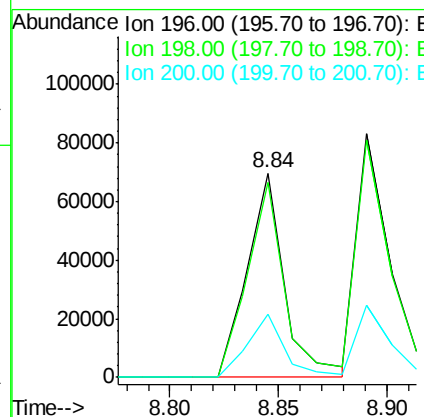
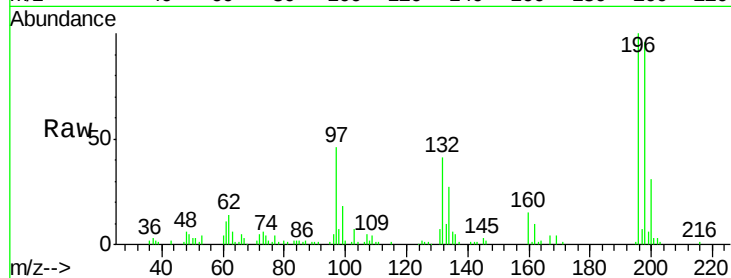




#42
 2,4,6-Trichlorophenol
 Concen: 26.32 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

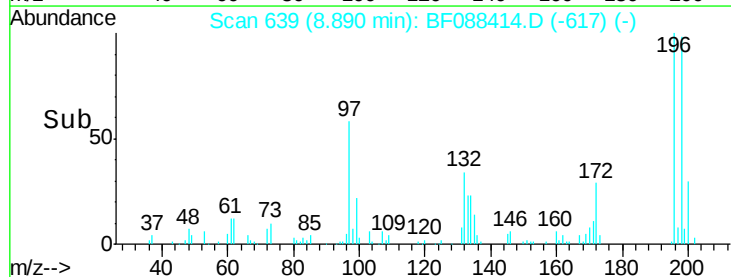
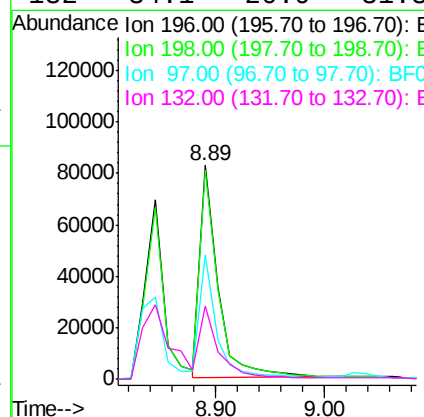
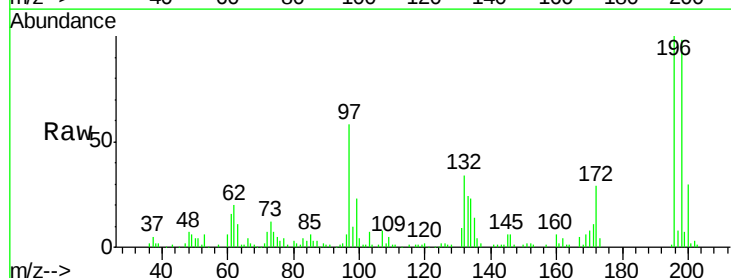
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

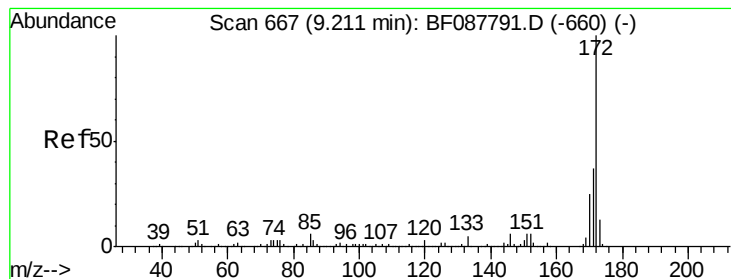
Tot Ion:196 Resp: 82811
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.0 117.0
 200 31.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 29.70 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:196 Resp: 97223
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.5 116.3
 97 58.4 32.0 48.0#
 132 34.1 20.9 31.3#

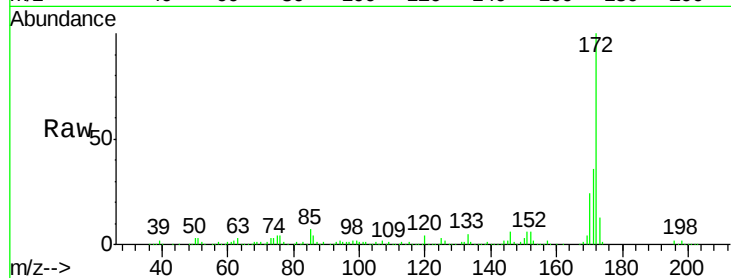




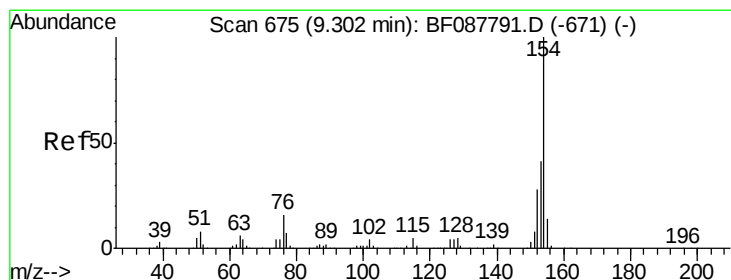
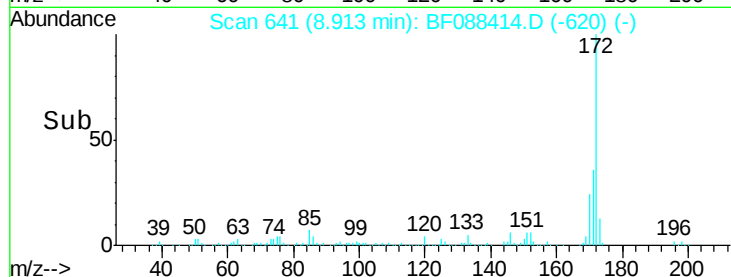
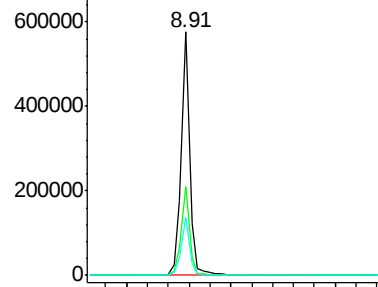
#44
2-Fluorobiphenyl
Concen: 63.67 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:172 Resp: 651632
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.7 19.2 28.8

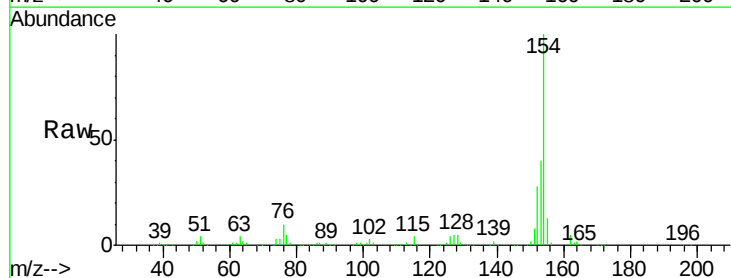


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

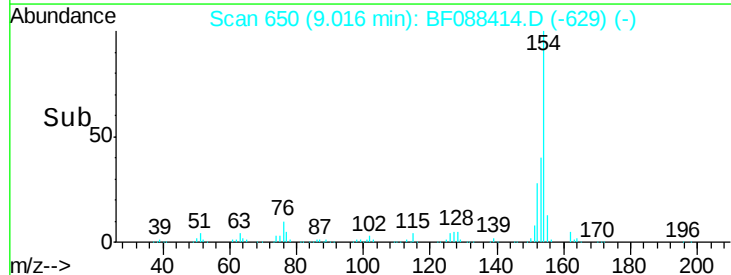
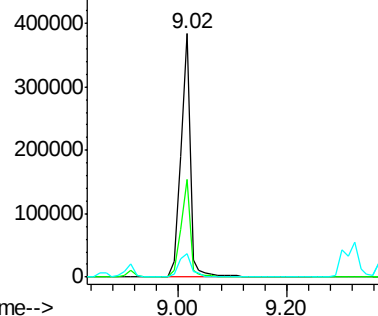


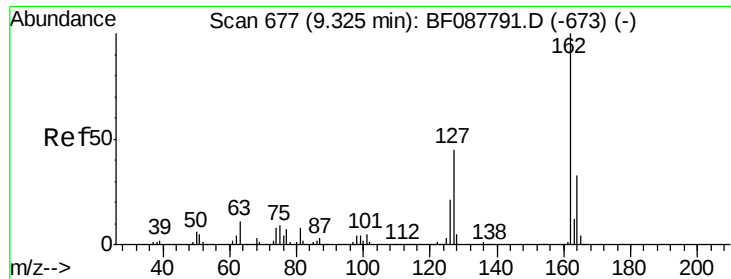
#45
1,1'-Biphenyl
Concen: 37.80 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:154 Resp: 458141
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 9.5 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

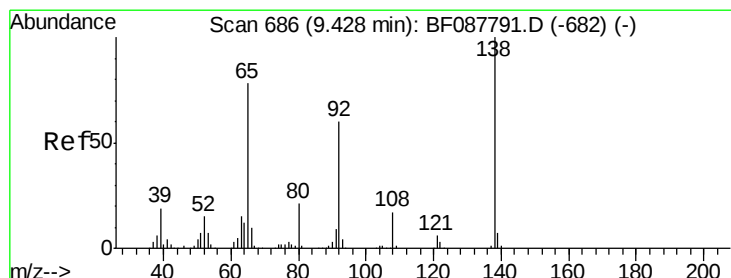
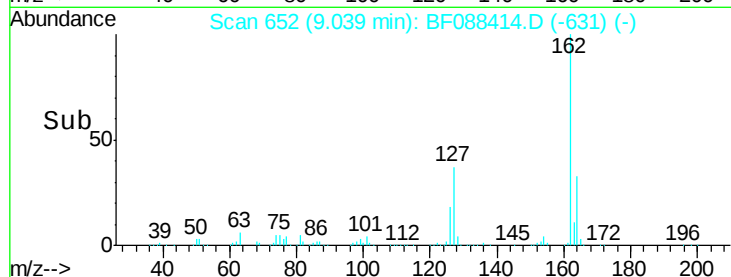
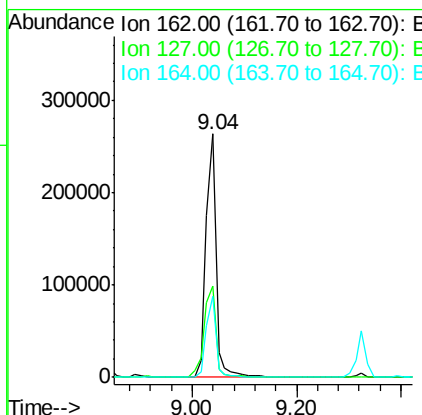
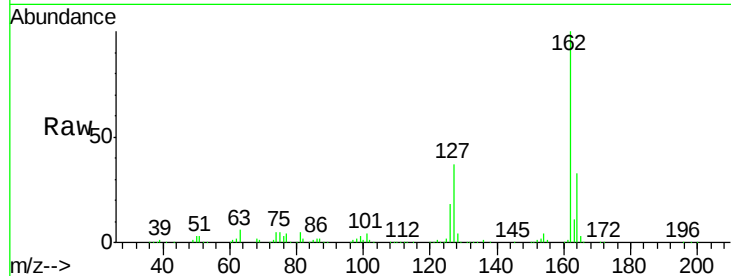




#46
 2-Chloronaphthalene
 Concen: 35.01 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.06 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

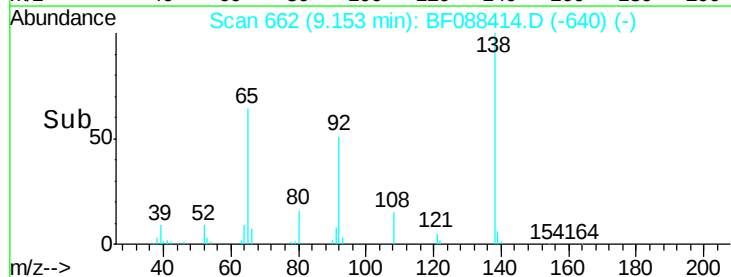
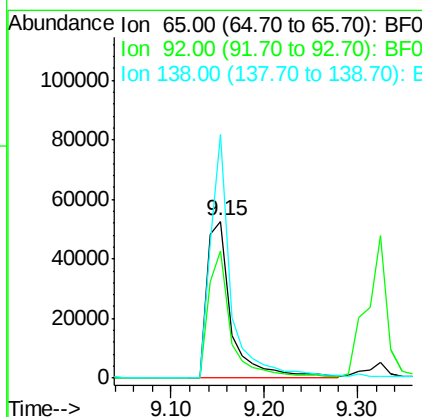
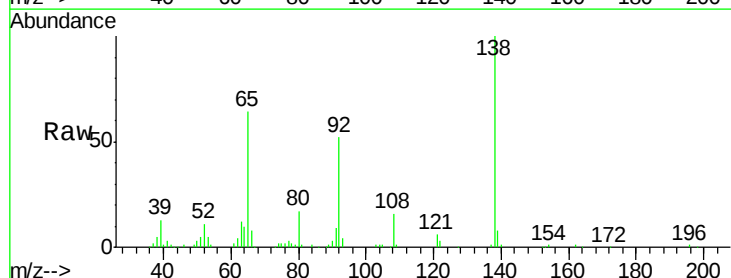
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

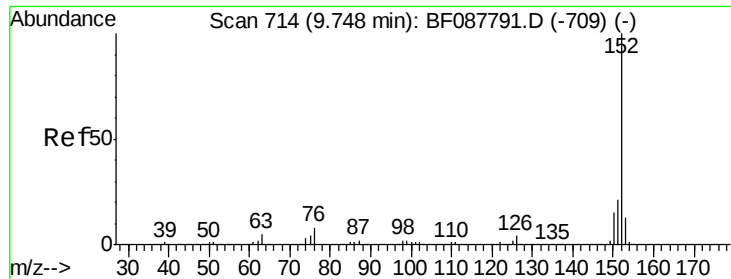
Tot Ion:162 Resp: 356471
 Ion Ratio Lower Upper
 162 100
 127 37.4 35.2 52.8
 164 33.1 26.6 39.8



#47
 2-Nitroaniline
 Concen: 32.17 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.05 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion: 65 Resp: 96607
 Ion Ratio Lower Upper
 65 100
 92 81.0 54.6 82.0
 138 155.4 77.0 115.4#





#48

Acenaphthylene

Concen: 32.17 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

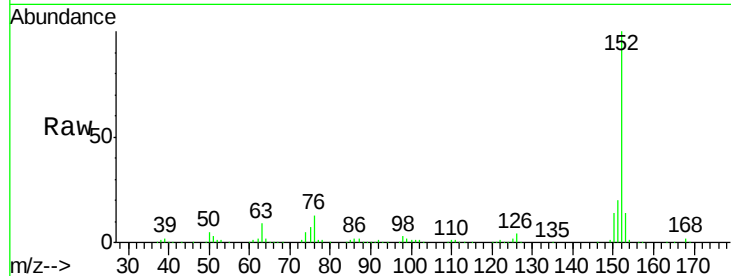
Tot Ion:152 Resp: 520934

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

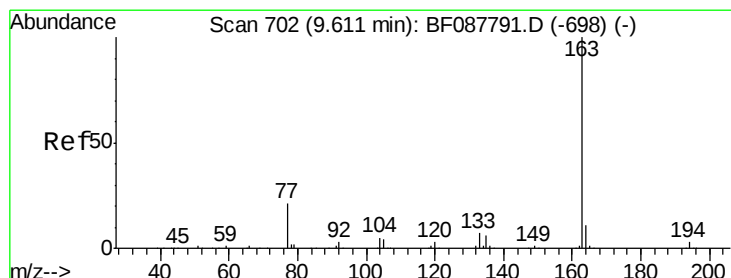
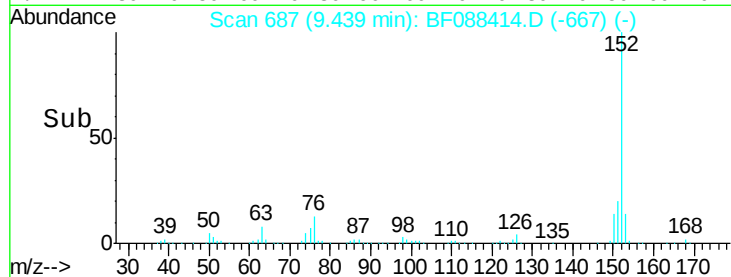
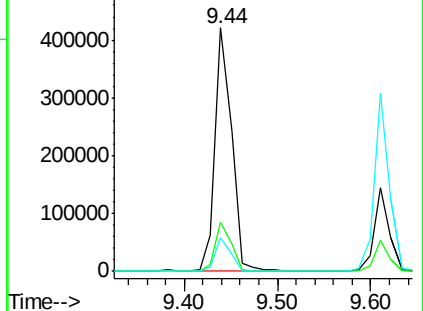
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 54.44 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

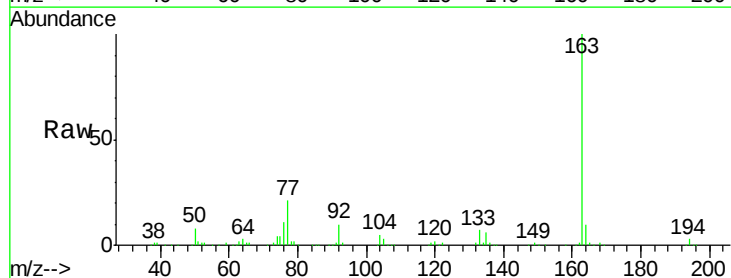
Tgt Ion:163 Resp: 620479

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

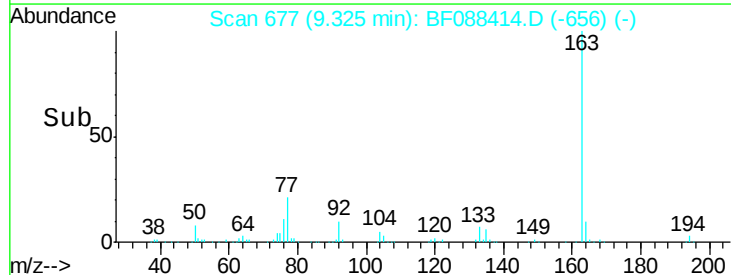
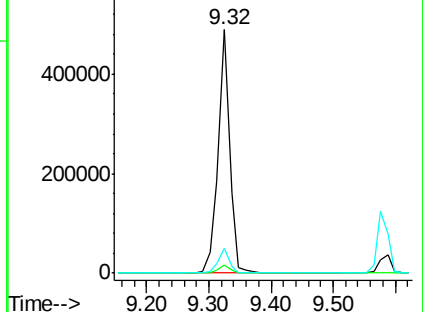
164 10.4 8.3 12.5

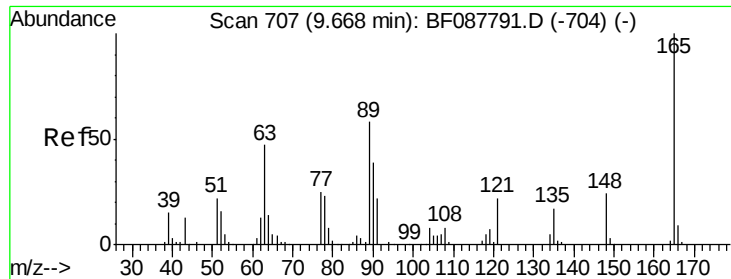


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

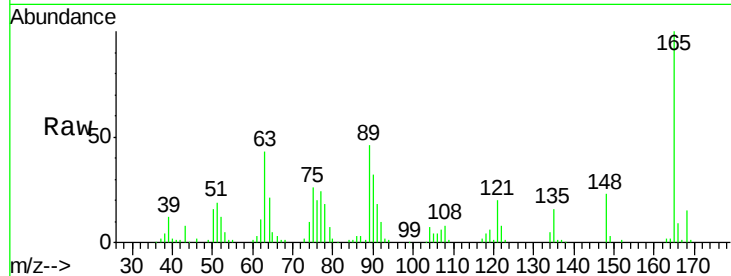




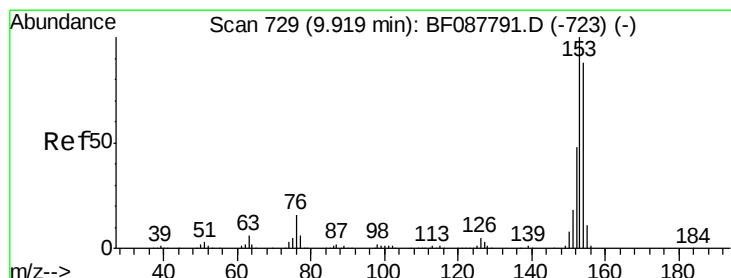
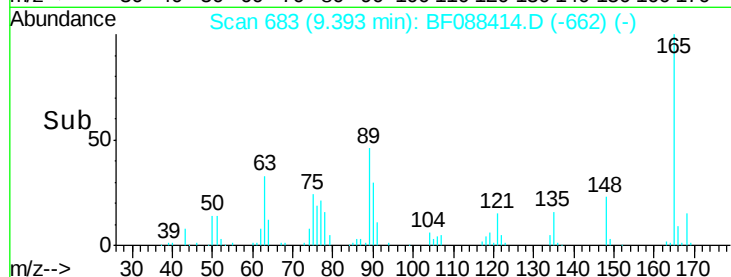
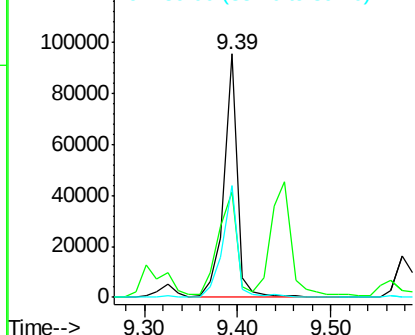
#50
 2,6-Dinitrotoluene
 Concen: 36.69 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:165 Resp: 95762
 Ion Ratio Lower Upper
 165 100
 63 43.1 28.1 42.1#
 89 46.1 32.2 48.2

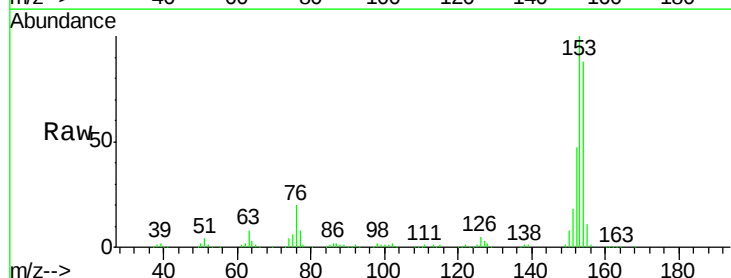


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

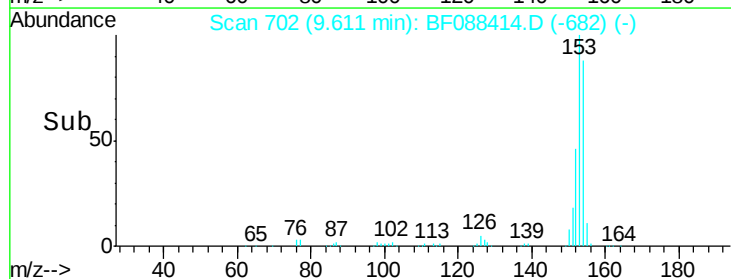
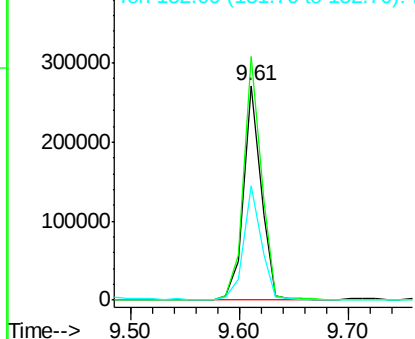


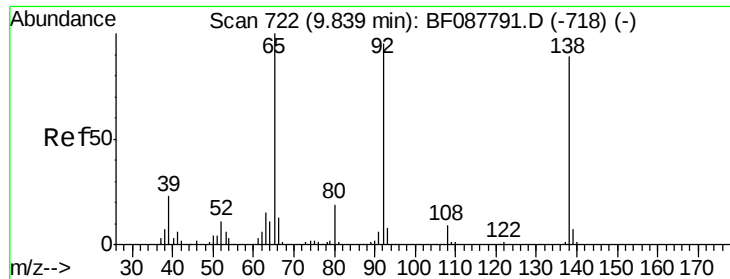
#51
 Acenaphthene
 Concen: 30.39 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.07 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:154 Resp: 307041
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.5 134.3
 152 53.2 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

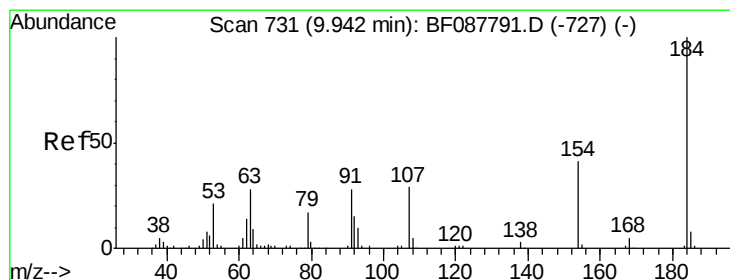
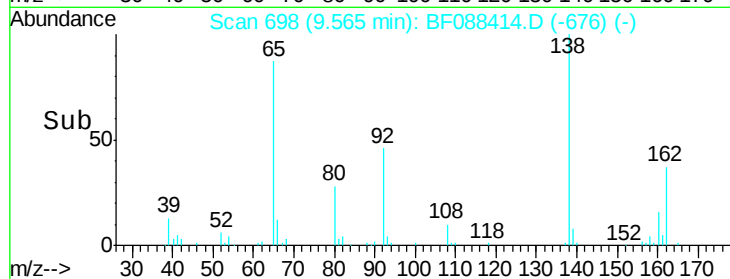
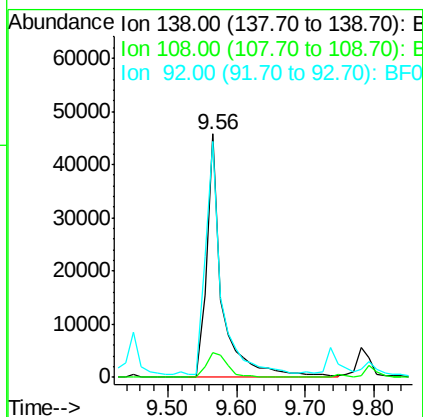
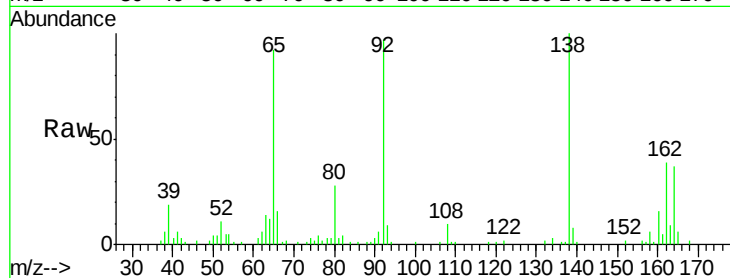




#52
3-Nitroaniline
Concen: 23.83 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

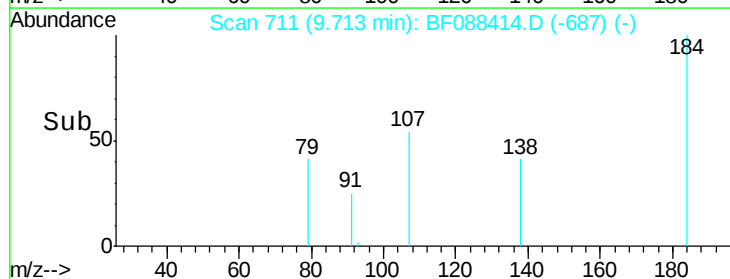
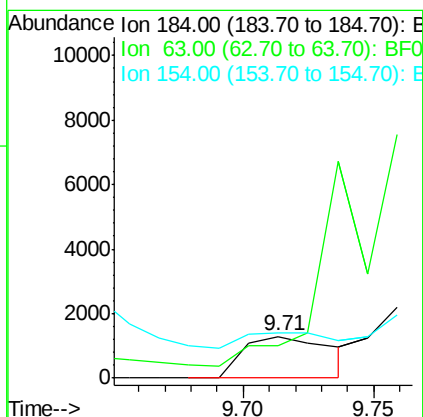
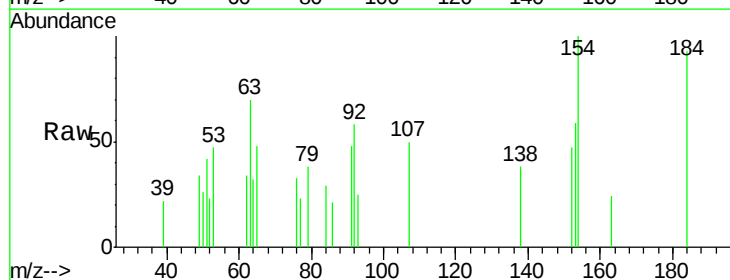
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

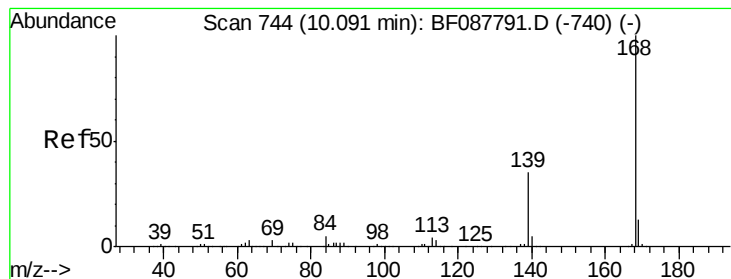
Tot Ion:138 Resp: 71769
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 97.0 95.7 143.5



#53
2,4-Dinitrophenol
Concen: 5.68 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:184 Resp: 3042
Ion Ratio Lower Upper
184 100
63 75.9 57.6 86.4
154 108.0 53.5 80.3#





#54

Dibenzofuran

Concen: 33.27 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

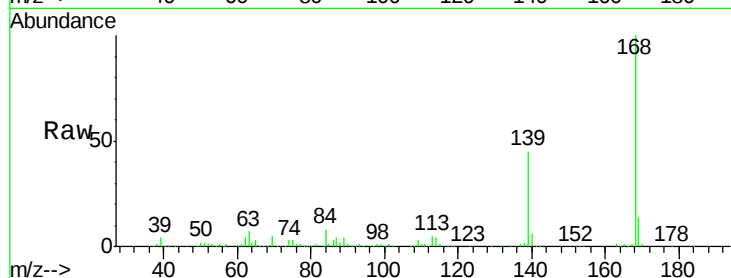
Tot Ion:168 Resp: 462836

Ion Ratio Lower Upper

168 100

139 44.8 26.4 39.6#

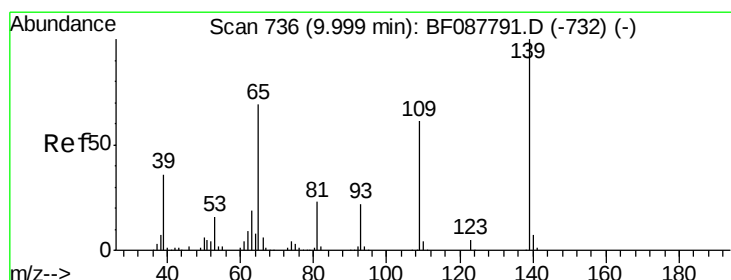
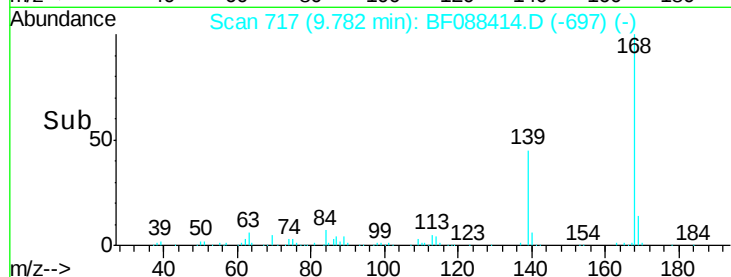
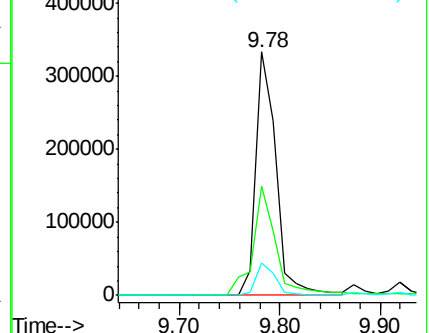
169 13.5 10.4 15.6



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: 105.51 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

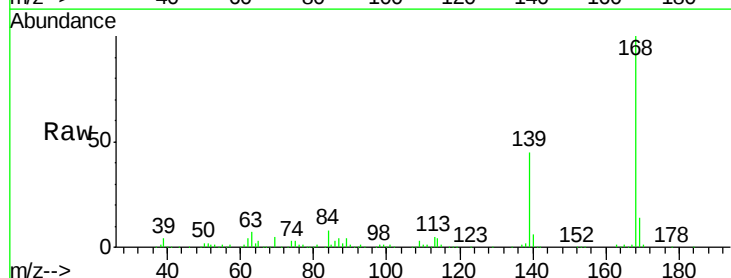
Tgt Ion:139 Resp: 246628

Ion Ratio Lower Upper

139 100

109 5.8 48.9 88.9#

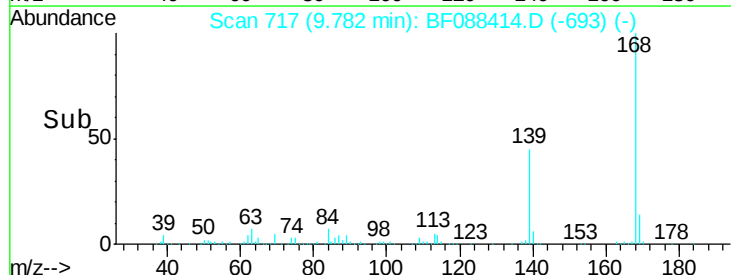
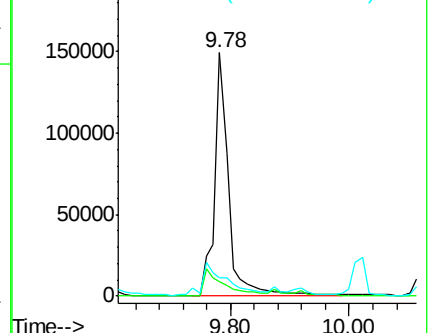
65 7.5 84.9 124.9#

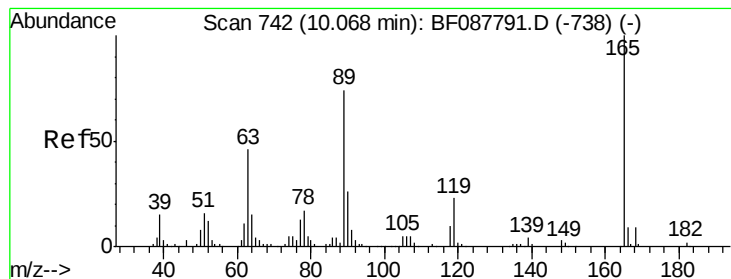


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 34.72 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tot Ion:165 Resp: 116466

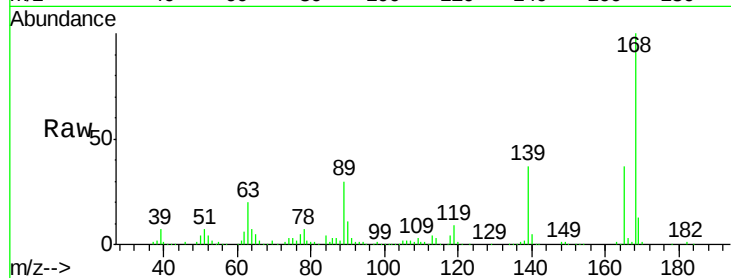
Ion Ratio Lower Upper

165 100

63 54.3 22.0 33.0#

89 81.5 41.1 61.7#

182 2.4 2.0 3.0

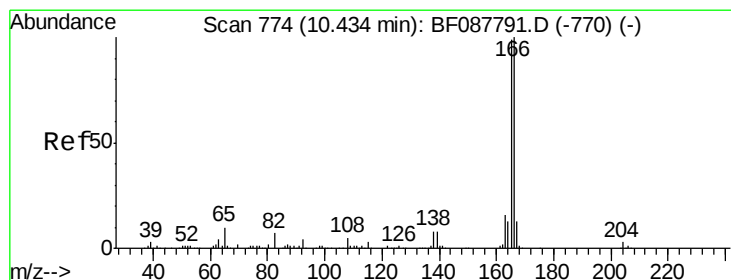
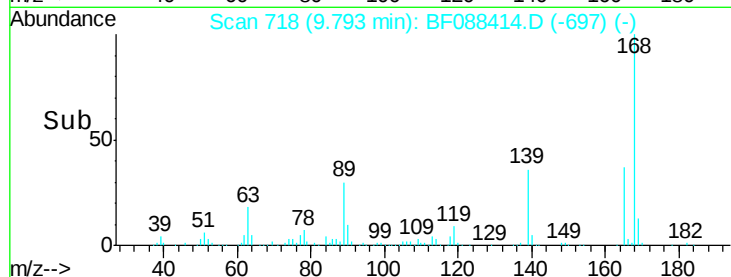
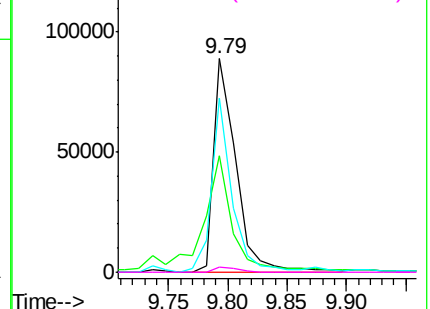


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.41 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

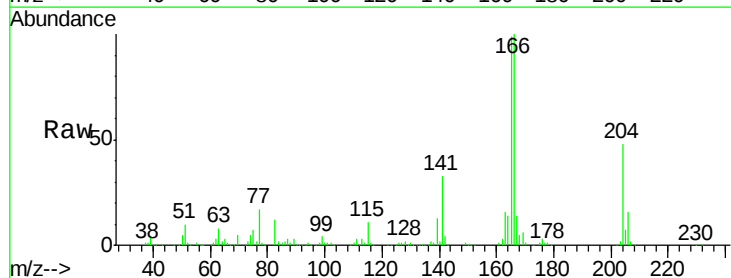
Tgt Ion:166 Resp: 351015

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

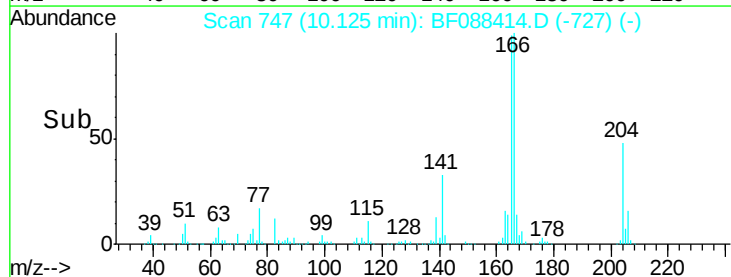
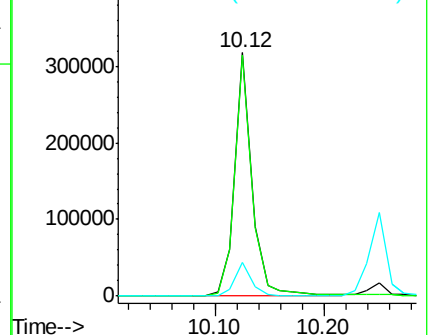
167 13.8 11.2 16.8

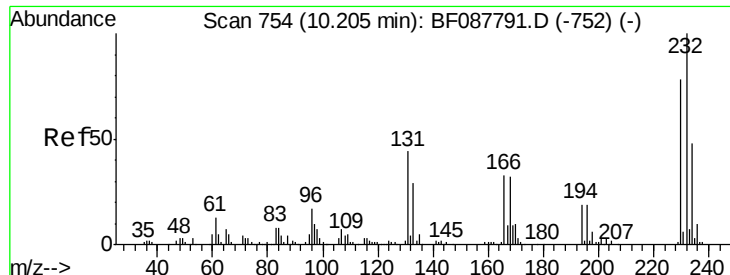


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

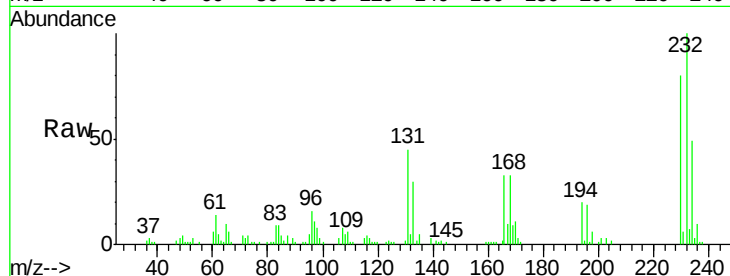




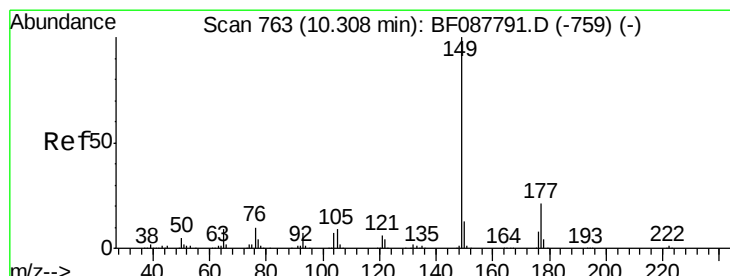
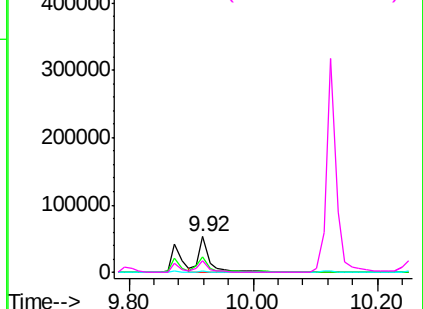
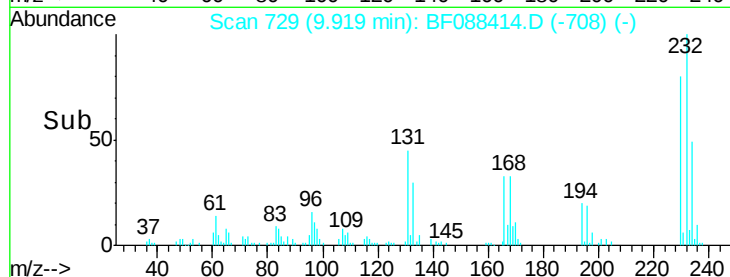
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.93 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.06 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:232 Resp: 66710
 Ion Ratio Lower Upper
 232 100
 131 48.5 0.9 1.3#
 130 2.2 1.5 2.3
 166 29.9 0.5 0.7#

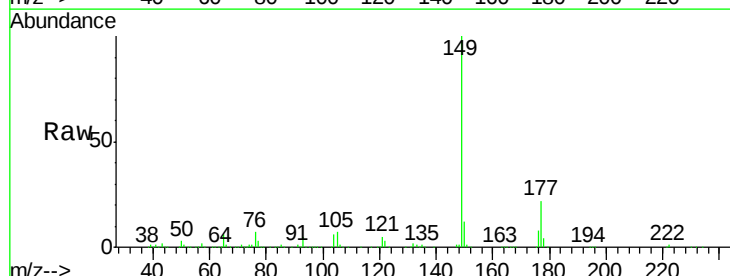


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

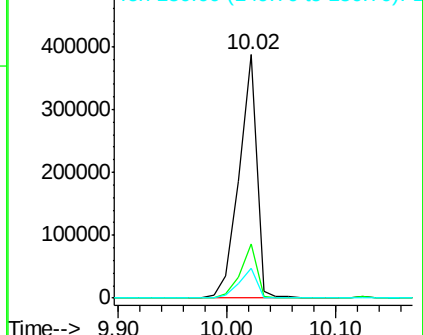
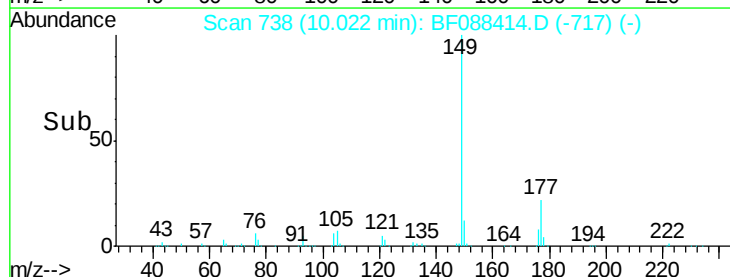


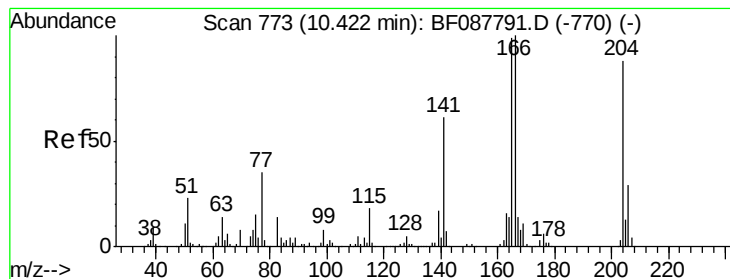
#59
 Diethylphthalate
 Concen: 37.45 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.06 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:149 Resp: 432061
 Ion Ratio Lower Upper
 149 100
 177 22.1 16.9 25.3
 150 12.3 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: 34.89 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

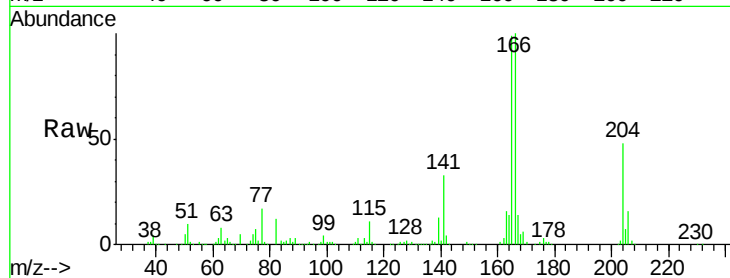
Tot Ion:204 Resp: 161433

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

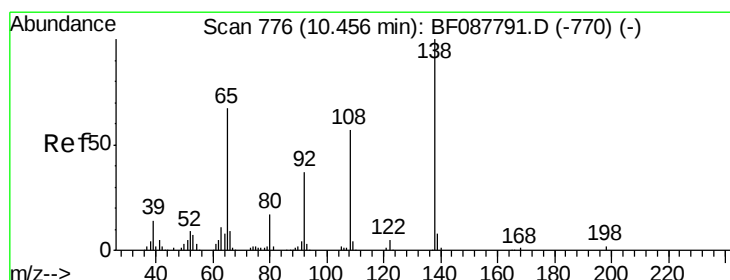
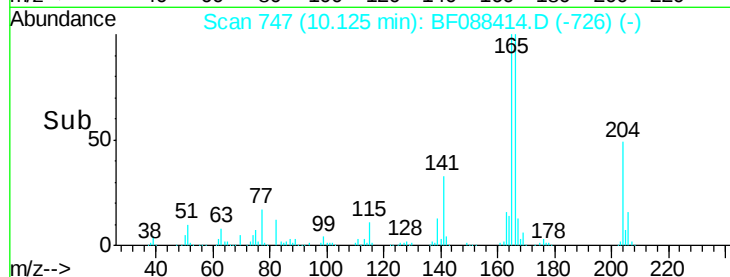
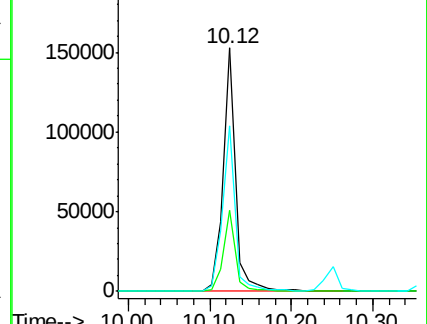
141 67.7 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 34.02 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

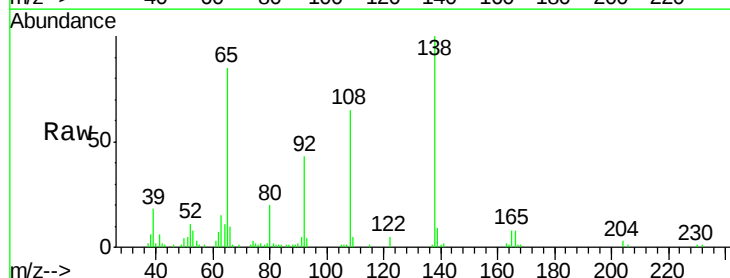
Tgt Ion:138 Resp: 97194

Ion Ratio Lower Upper

138 100

92 43.4 27.3 67.3

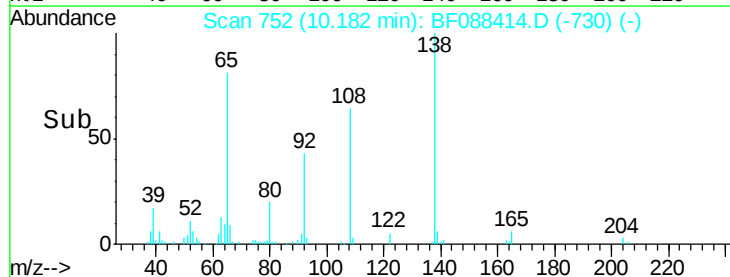
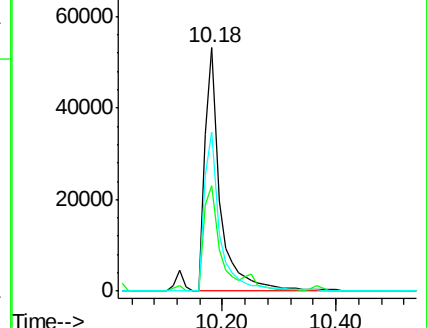
108 65.2 46.7 86.7

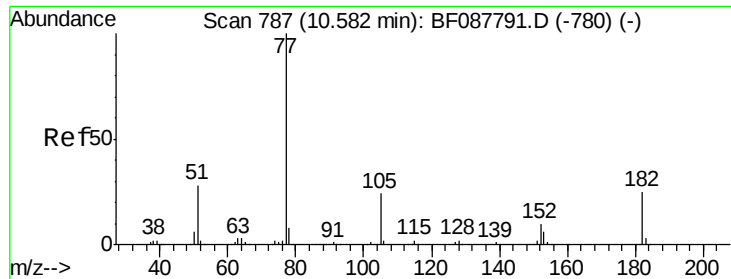


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 33.93 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

Tot Ion: 77 Resp: 387086

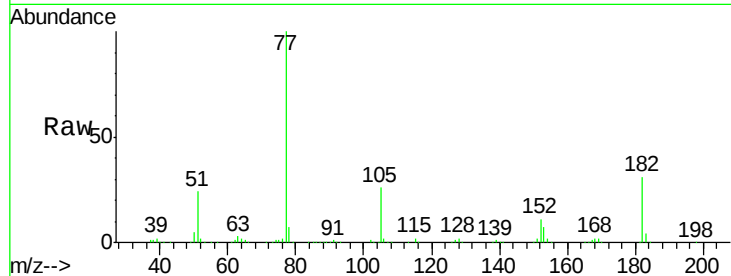
Ion Ratio Lower Upper

77 100

182 31.4 4.4 44.4

105 25.7 3.8 43.8

51 23.8 9.3 49.3

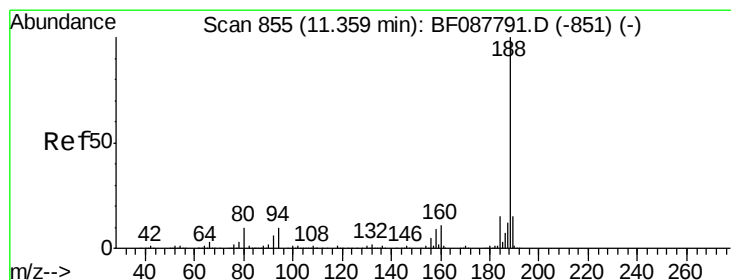
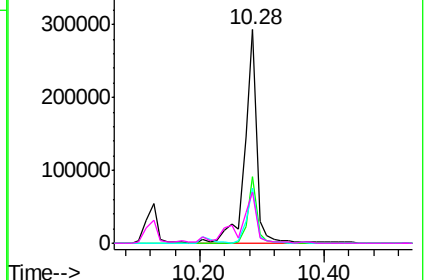
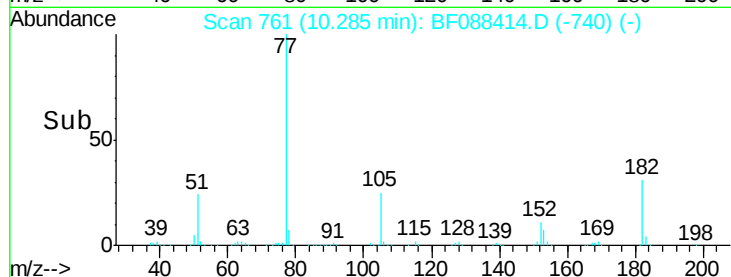


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

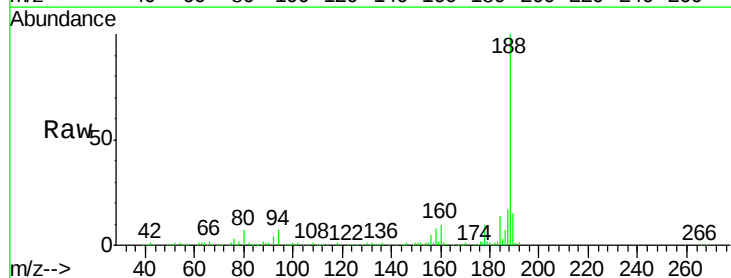
Tgt Ion: 188 Resp: 298767

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.6#

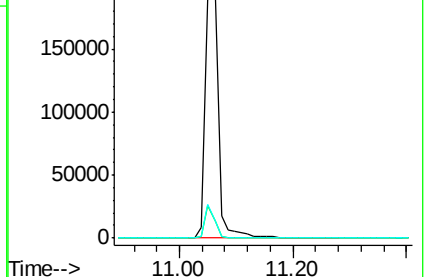
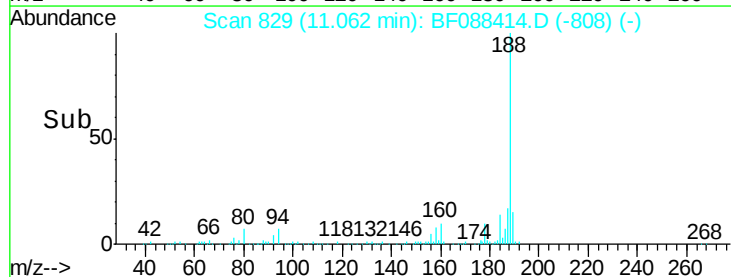
80 7.0 10.0 15.0#

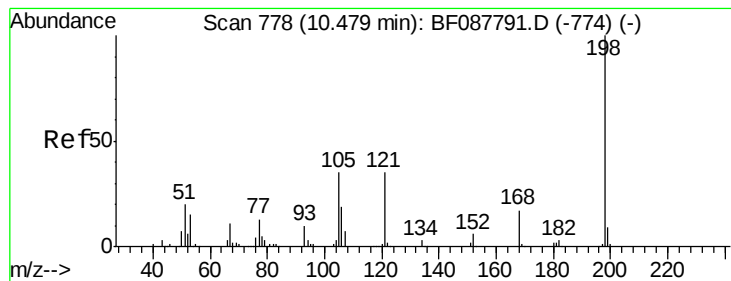


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

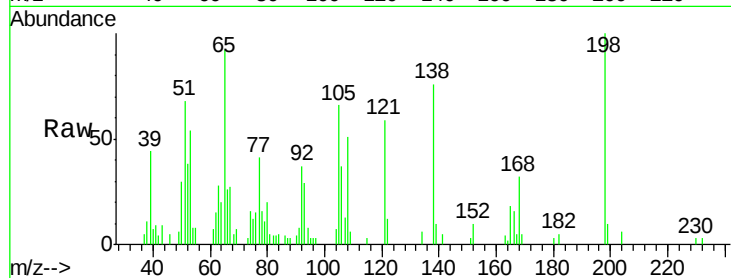
Tot Ion:198 Resp: 23299

Ion Ratio Lower Upper

198 100

51 68.2 39.6 79.6

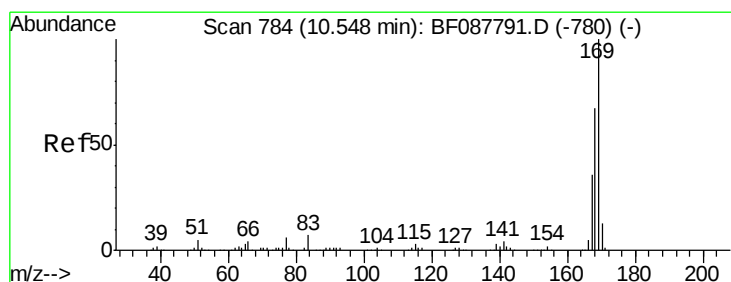
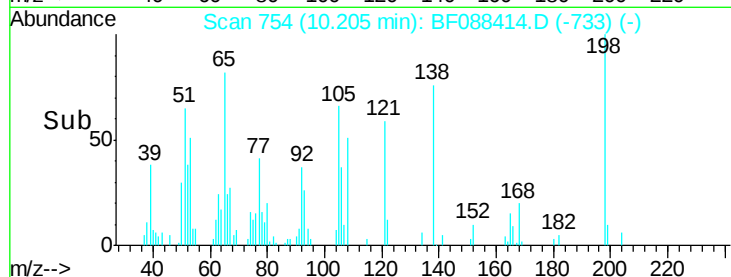
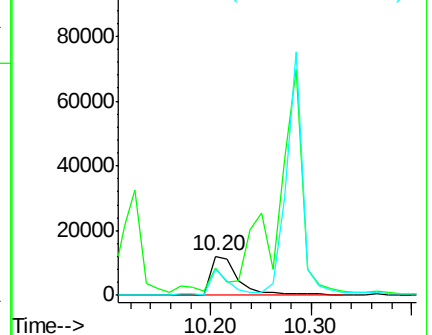
105 65.6 36.6 76.6



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: 34.88 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

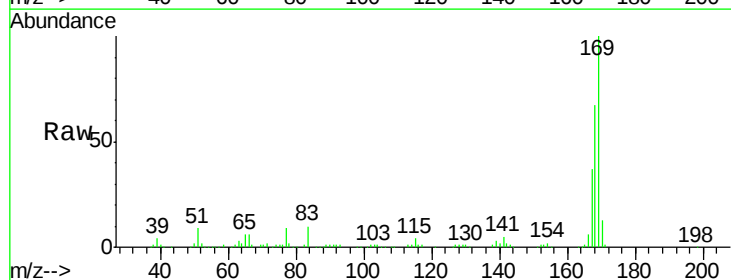
Tgt Ion:169 Resp: 345838

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

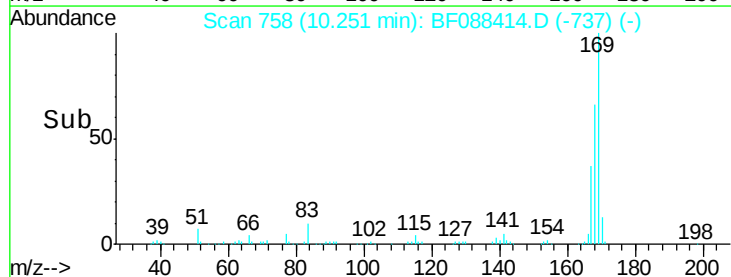
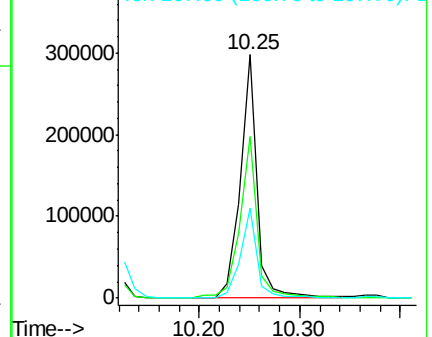
167 36.7 29.4 44.0

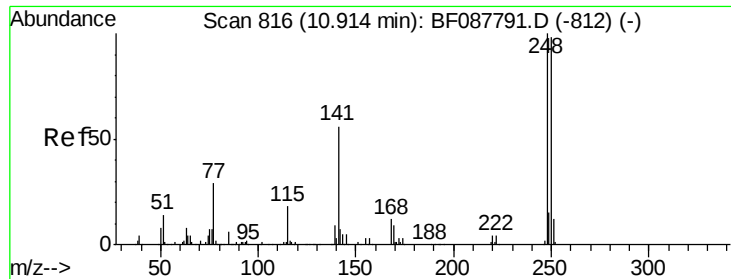


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

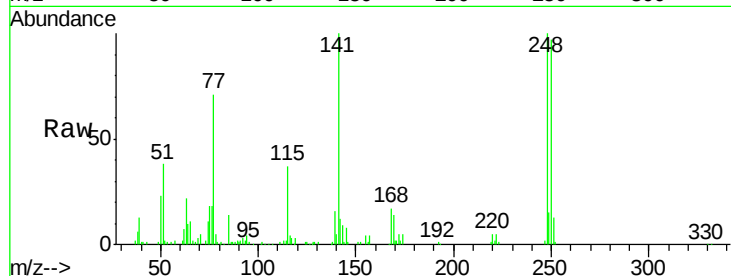




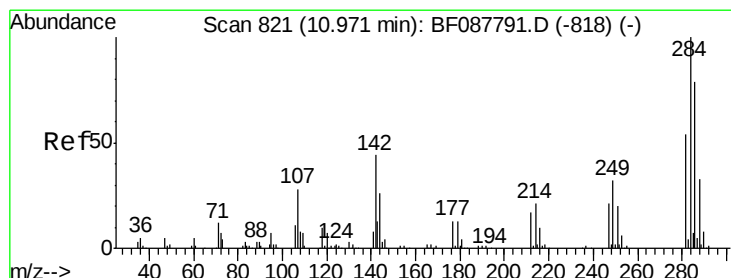
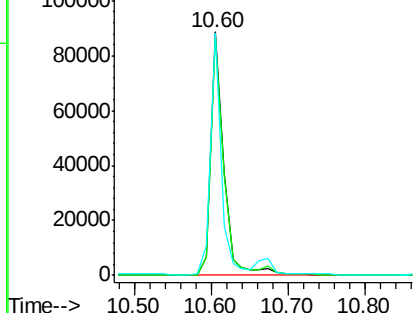
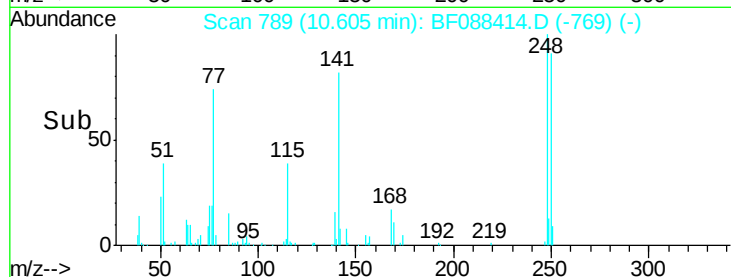
#66
4-Bromophenyl-phenylether
Concen: 32.32 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:248 Resp: 103588
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 99.6 50.6 76.0#

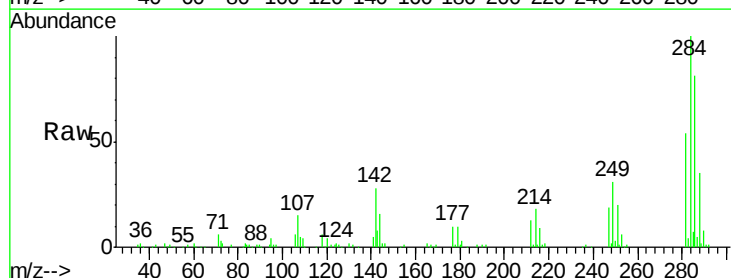


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

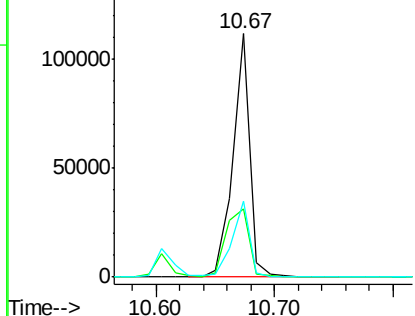
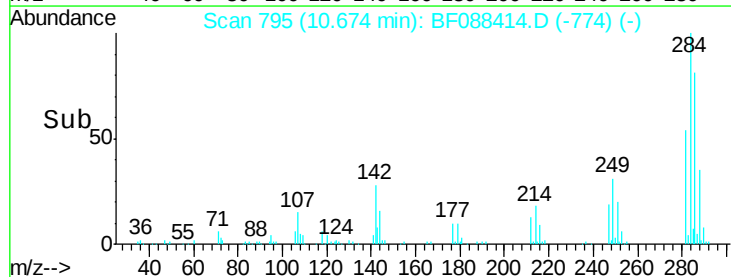


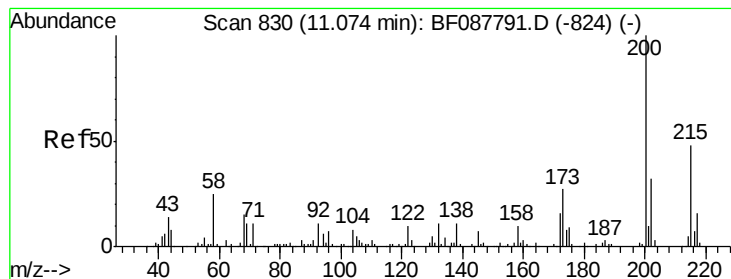
#67
Hexachlorobenzene
Concen: 32.92 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:284 Resp: 109645
Ion Ratio Lower Upper
284 100
142 27.9 35.8 53.8#
249 31.2 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: 32.21 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

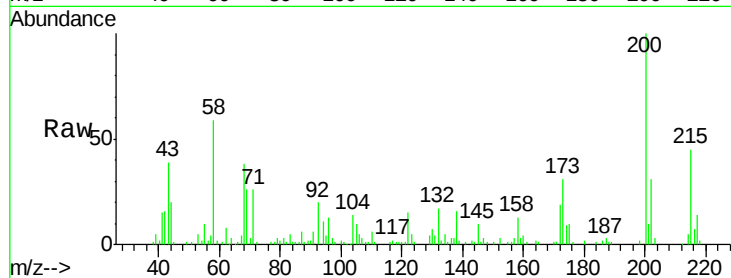
Tot Ion:200 Resp: 96689

Ion Ratio Lower Upper

200 100

173 30.8 4.0 44.0

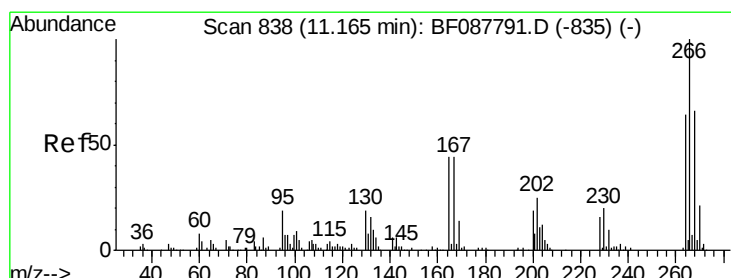
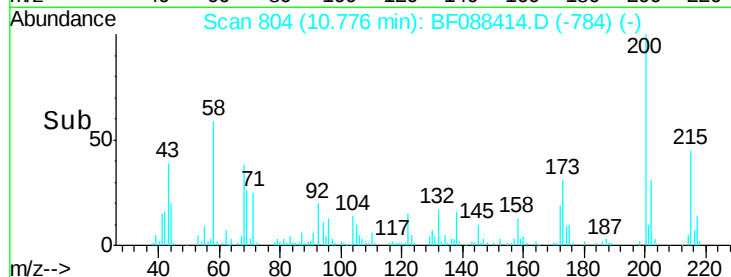
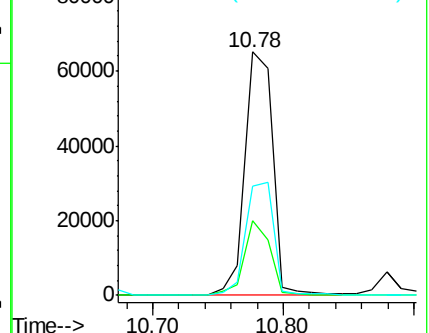
215 44.6 29.3 69.3



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: 27.00 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

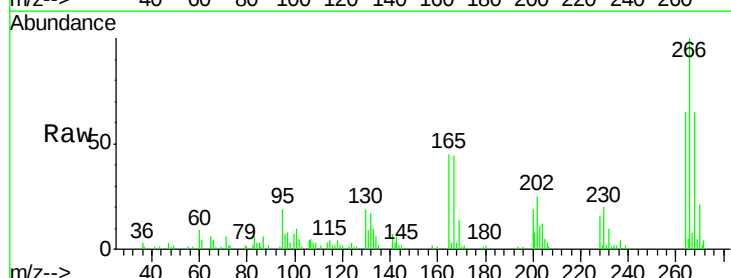
Tgt Ion:266 Resp: 47396

Ion Ratio Lower Upper

266 100

268 65.2 52.8 79.2

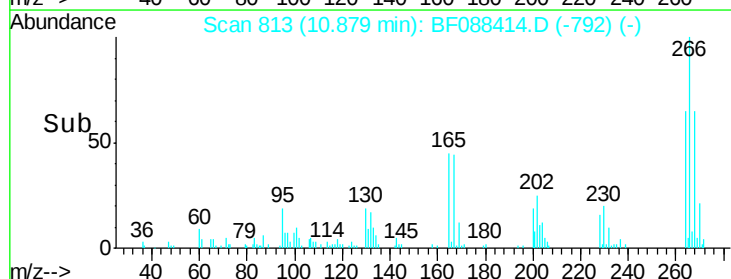
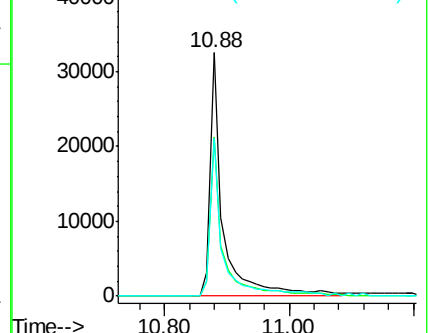
264 65.1 49.6 74.4

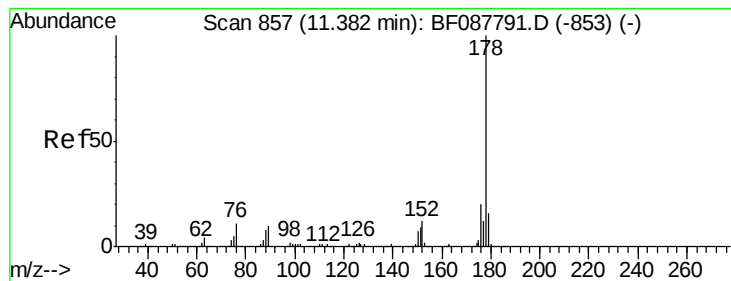


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 33.47 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

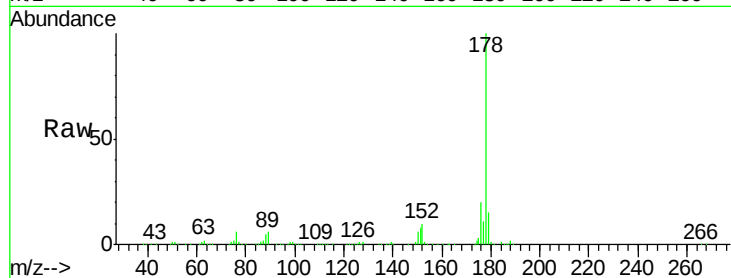
Tot Ion:178 Resp: 524801

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

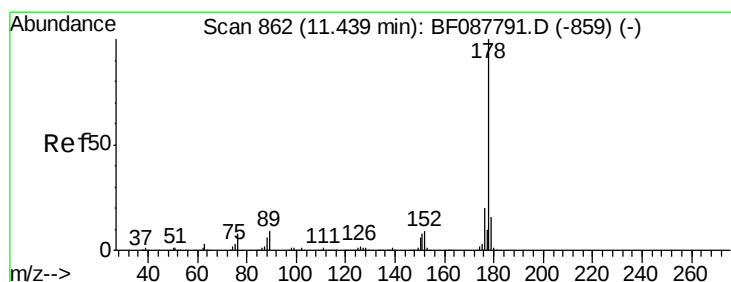
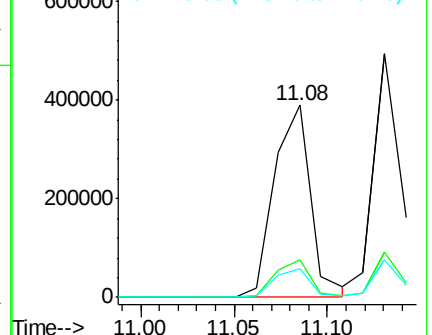
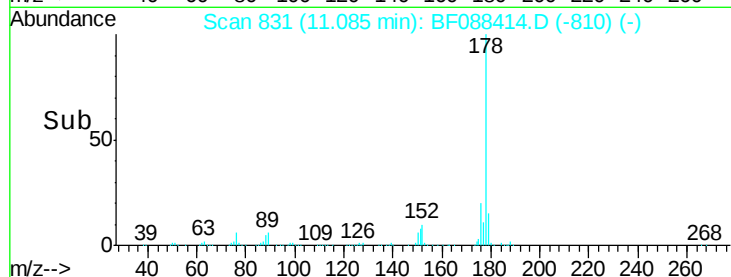
179 15.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.16 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

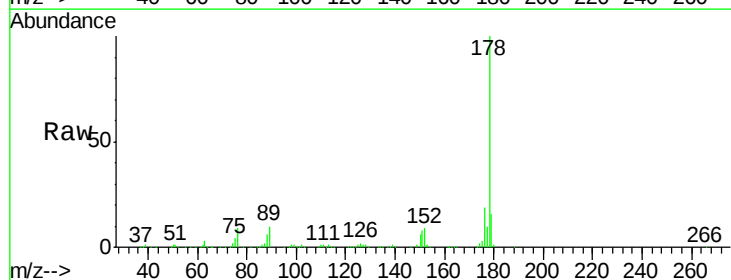
Tgt Ion:178 Resp: 556053

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

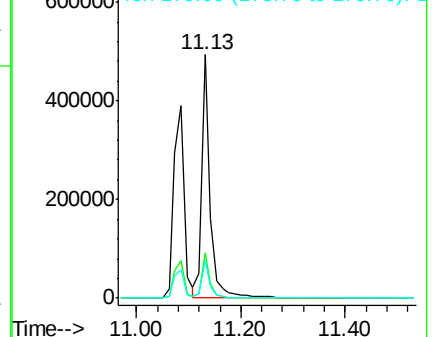
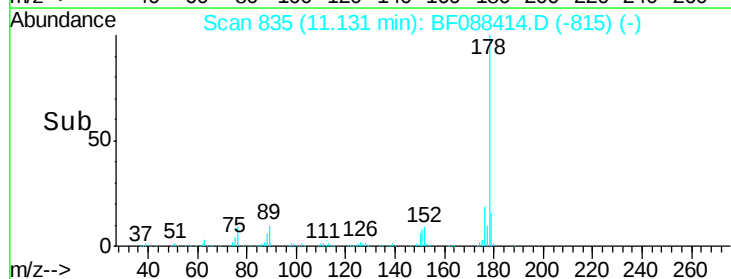
179 15.6 12.8 19.2

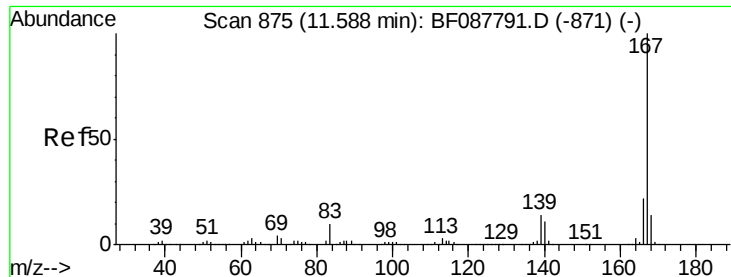


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.88 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

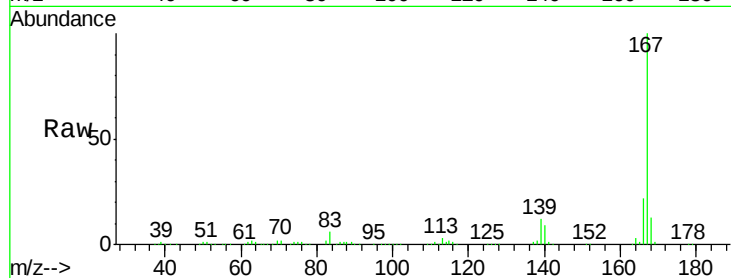
Tot Ion:167 Resp: 560542

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

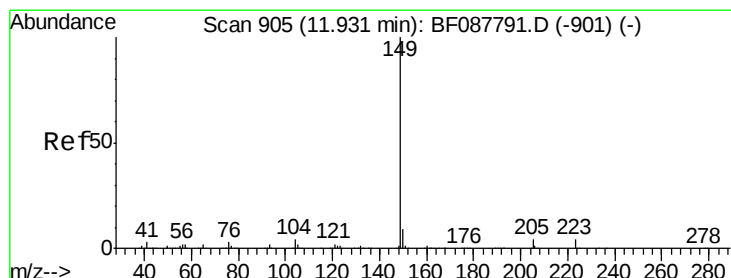
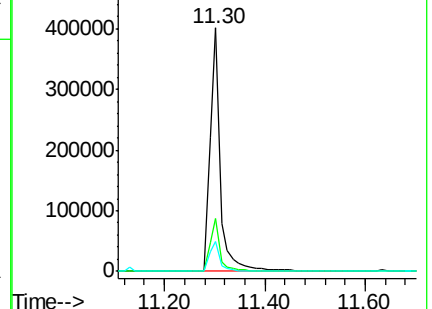
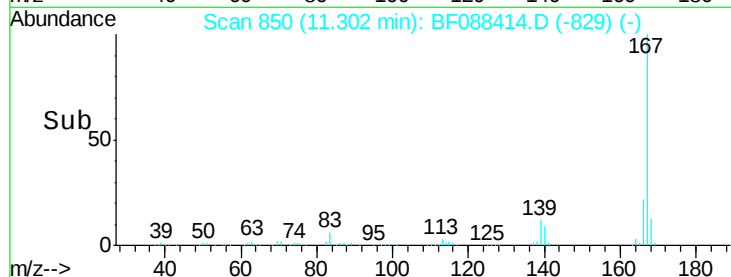
139 12.1 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 34.92 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

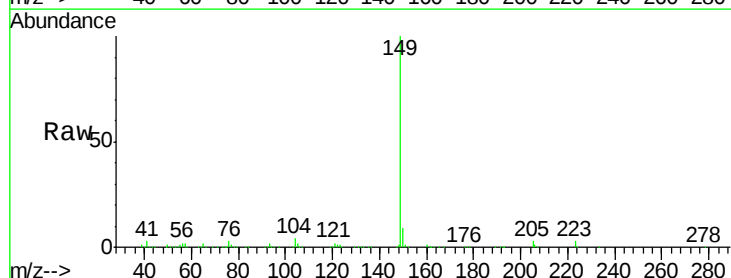
Tgt Ion:149 Resp: 654209

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

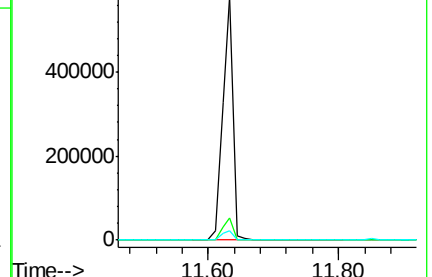
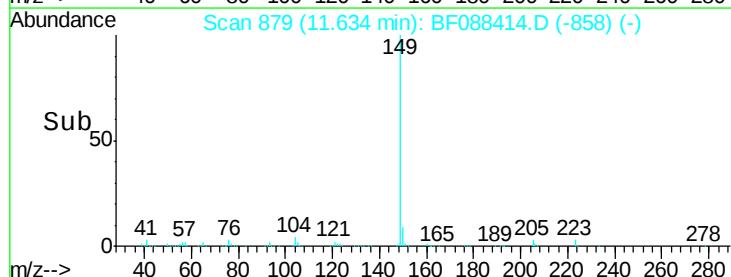
104 3.9 4.0 6.0#

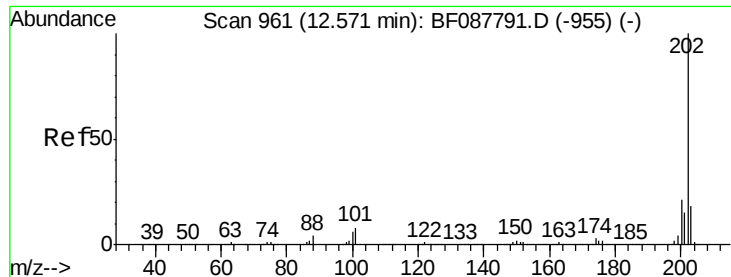


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.56 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

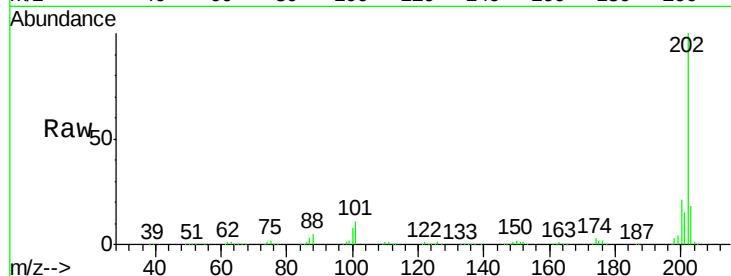
Tot Ion:202 Resp: 588260

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.1

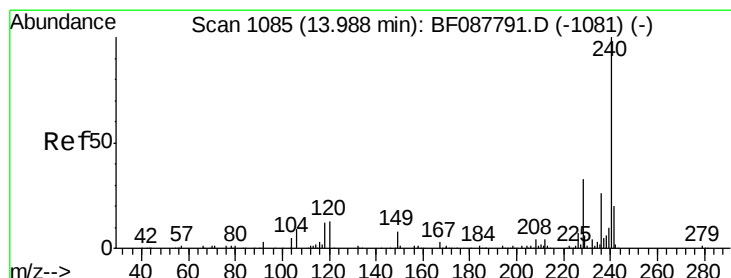
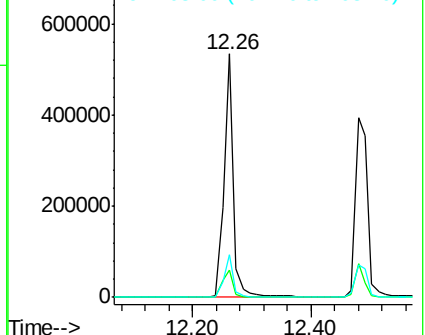
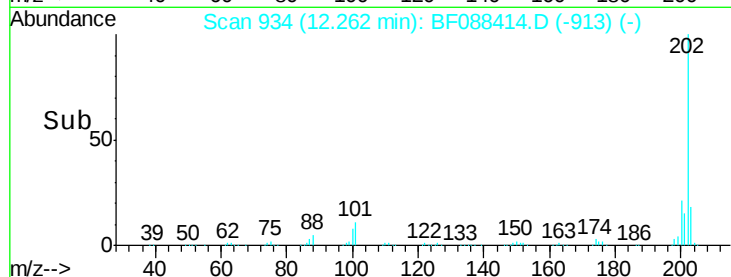
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

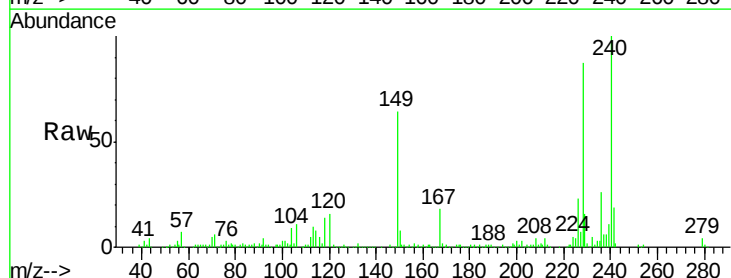
Tgt Ion:240 Resp: 223959

Ion Ratio Lower Upper

240 100

120 15.8 6.8 10.2#

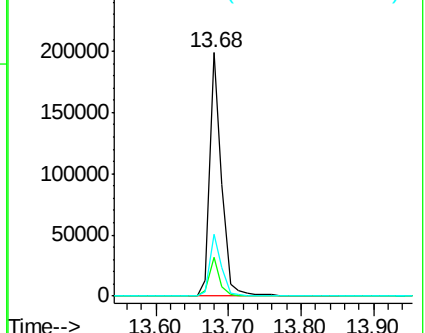
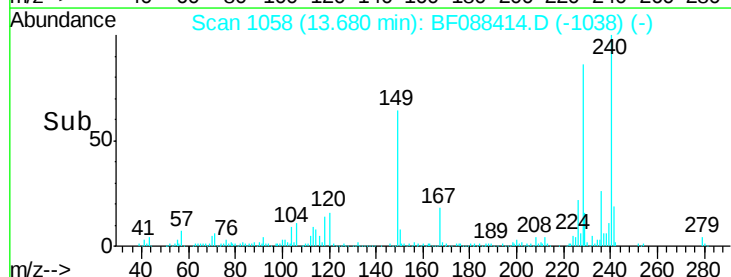
236 25.6 20.2 30.2

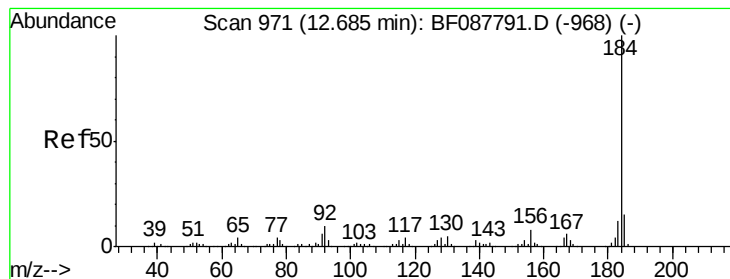


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 27.55 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

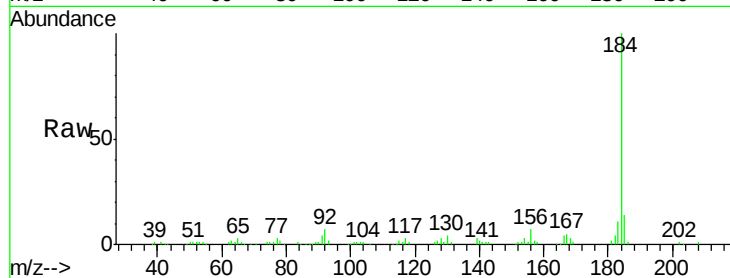
Tot Ion:184 Resp: 170836

Ion Ratio Lower Upper

184 100

185 13.9 12.5 18.7

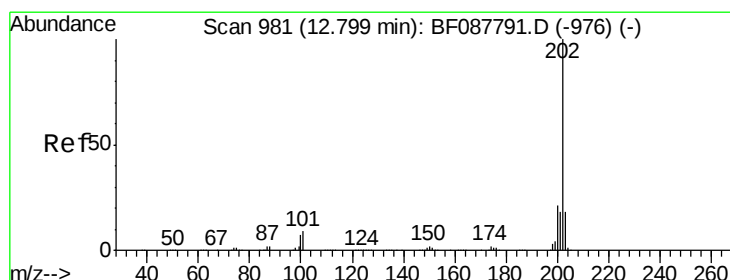
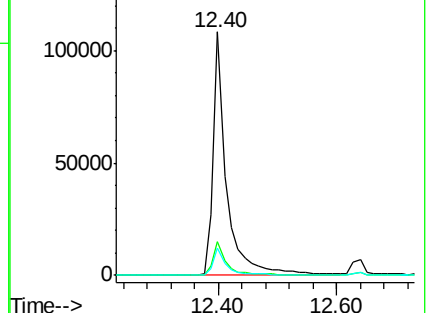
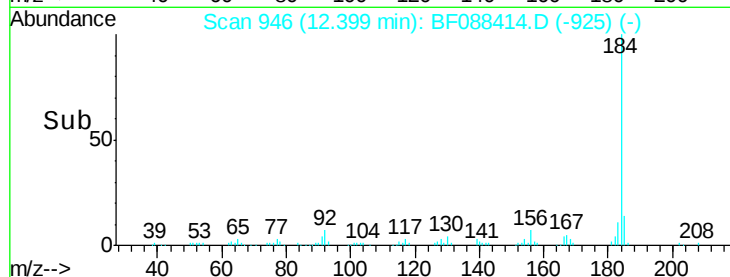
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 34.05 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

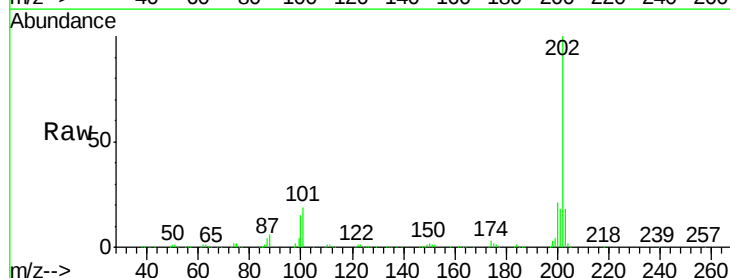
Tgt Ion:202 Resp: 565841

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

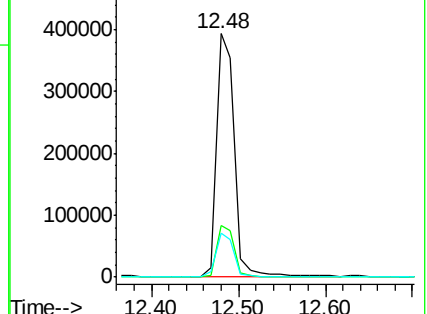
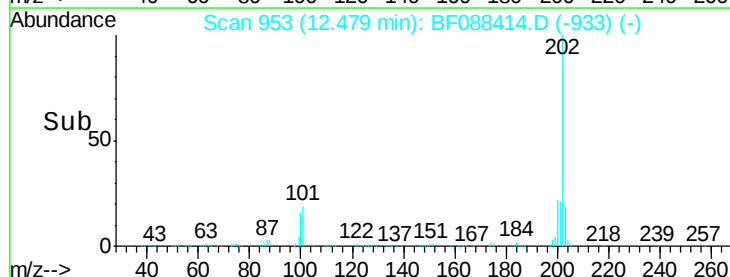
203 18.3 14.5 21.7

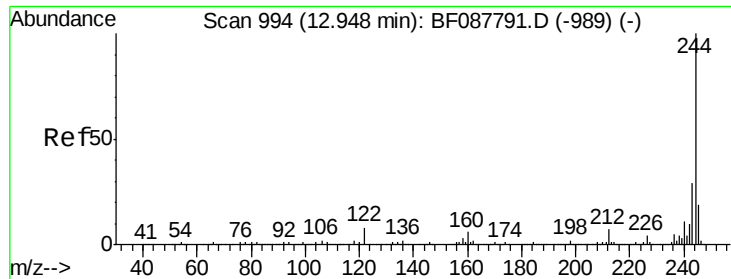


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

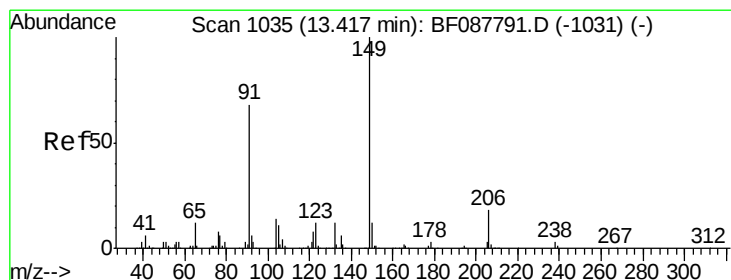
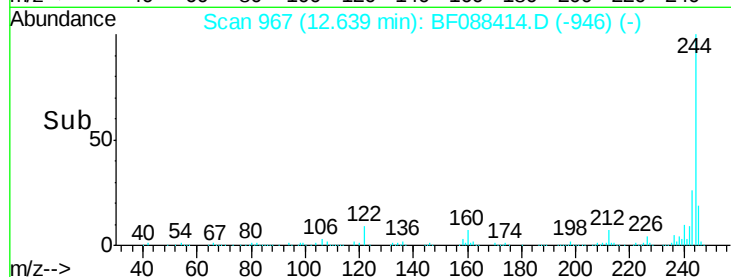
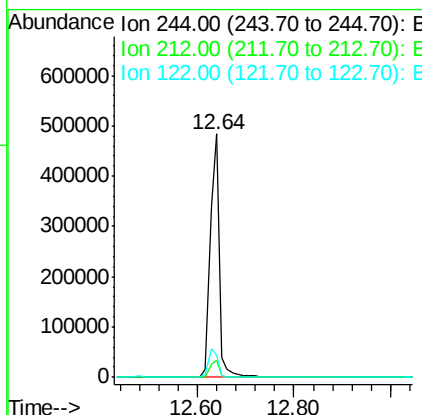
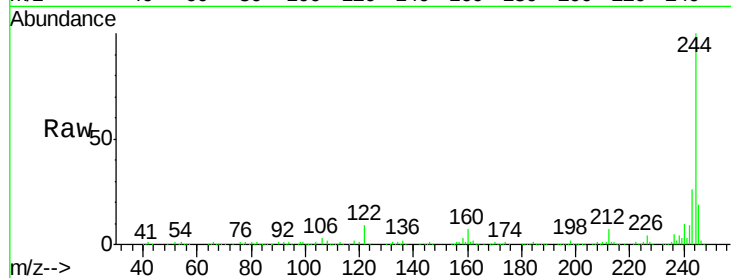




#78
 Terphenyl-d14
 Concen: 64.84 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

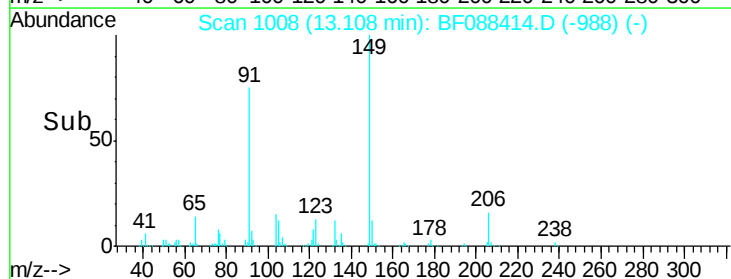
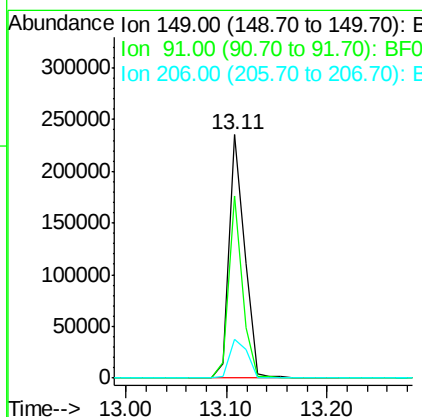
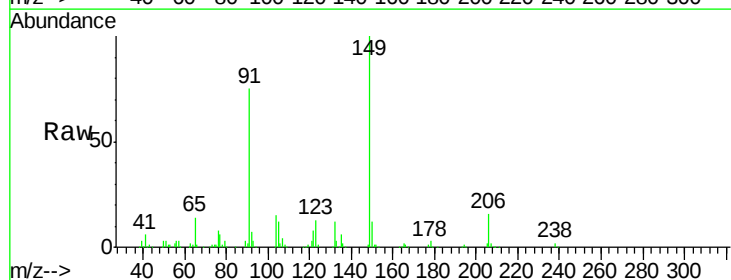
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

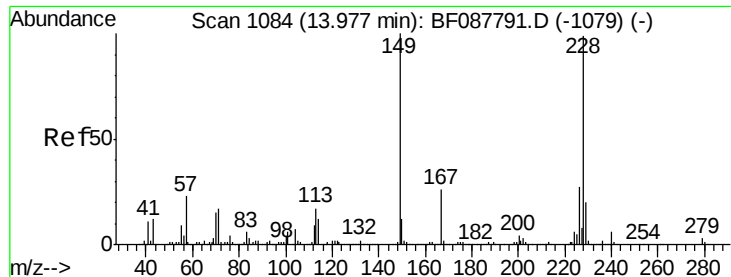
Tot Ion:244 Resp: 638131
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 34.66 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.07 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:149 Resp: 254701
 Ion Ratio Lower Upper
 149 100
 91 74.8 48.0 72.0#
 206 15.8 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 32.51 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

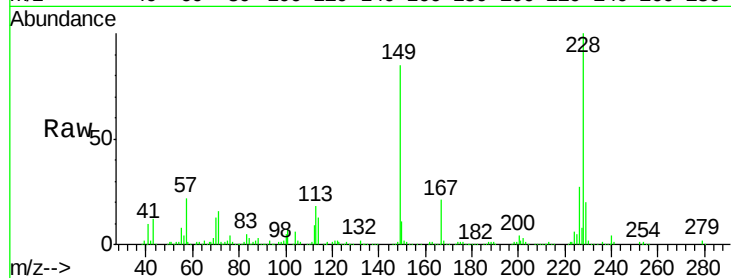
Tot Ion:228 Resp: 414961

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

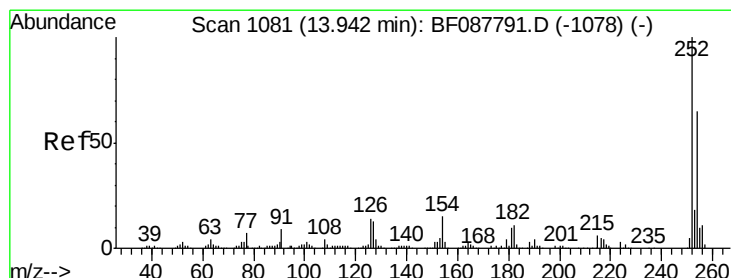
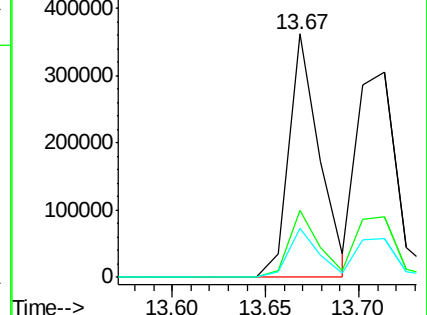
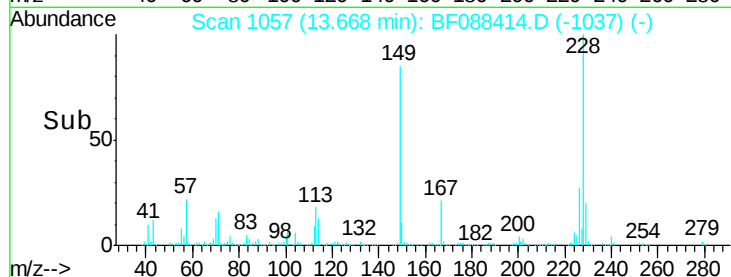
229 20.0 16.0 24.0



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: 32.69 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

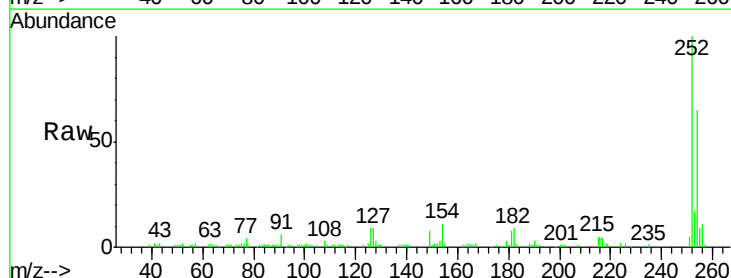
Tgt Ion:252 Resp: 112185

Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

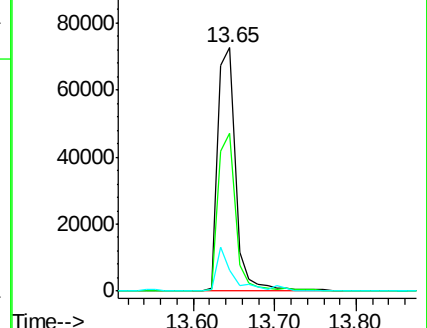
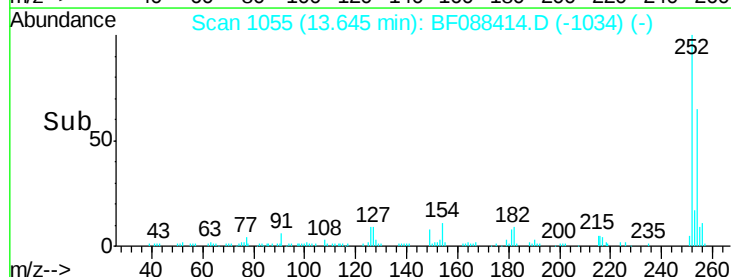
126 8.6 6.2 9.2

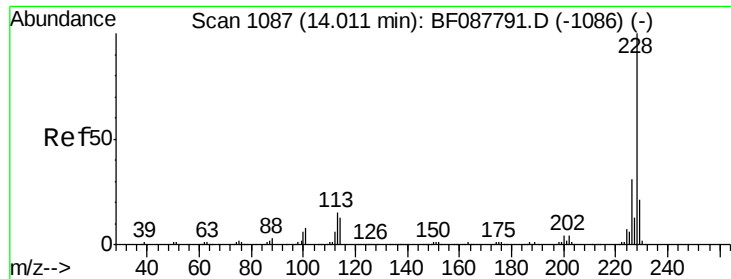


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.40 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.06 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

EDD-3EMS

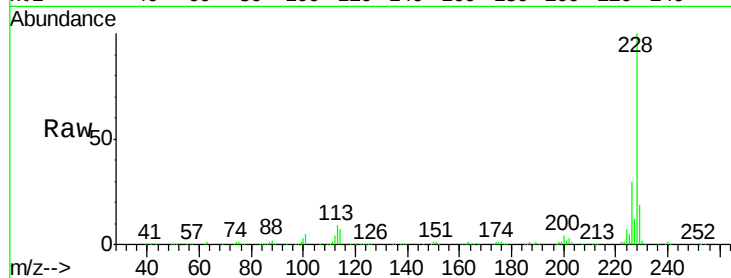
Tot Ion:228 Resp: 473043

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

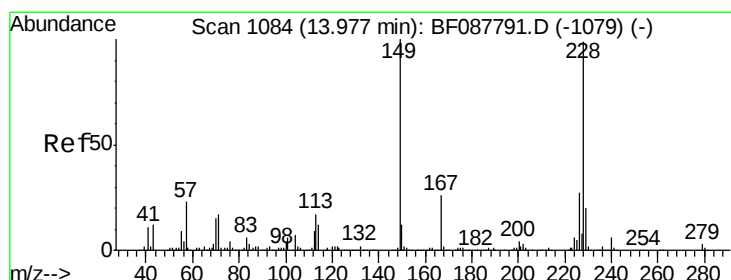
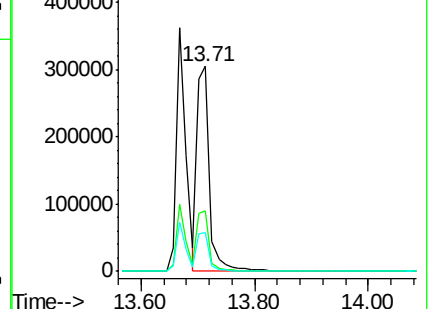
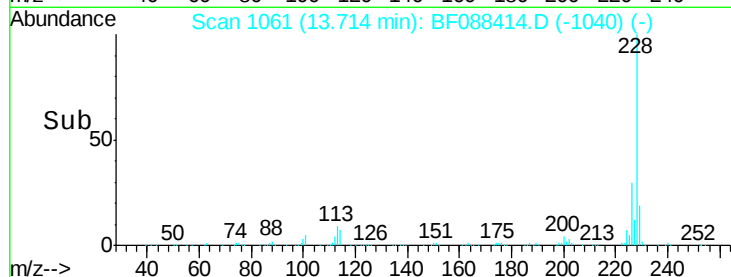
229 19.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.24 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

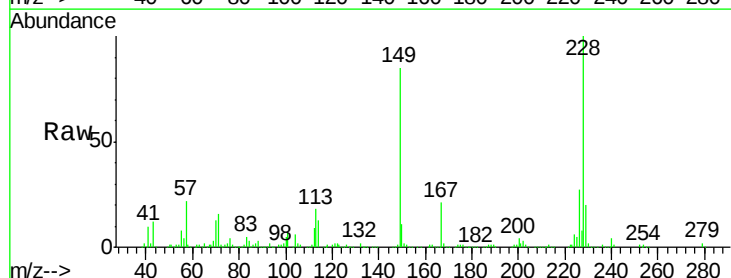
Tgt Ion:149 Resp: 333048

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

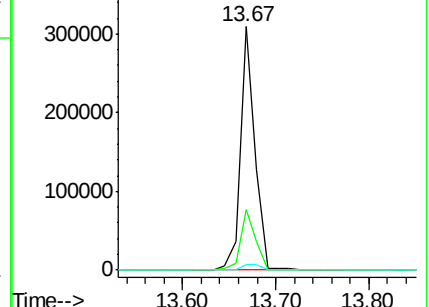
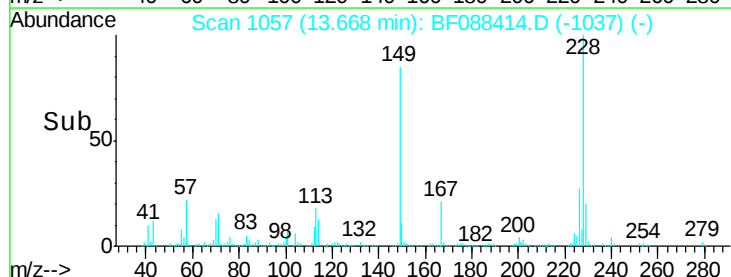
279 2.3 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

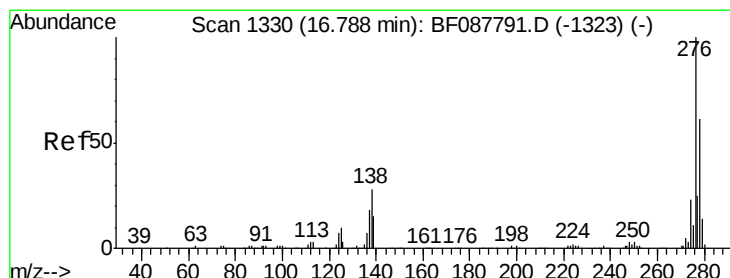
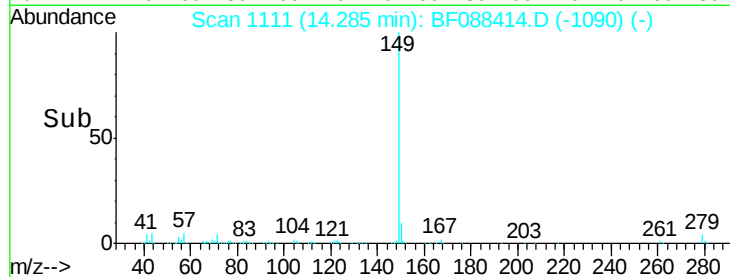
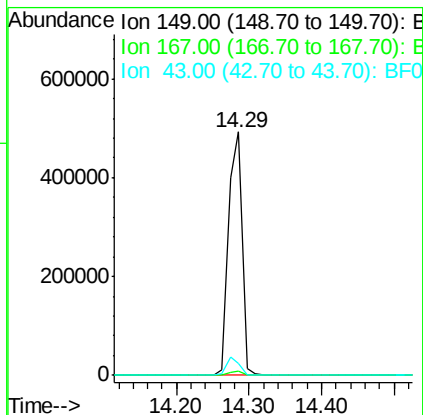
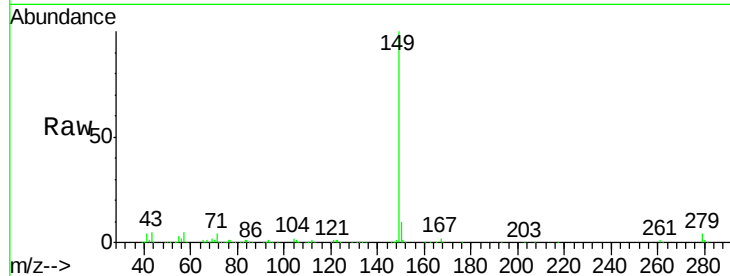




#84
Di-n-octyl phthalate
Concen: 43.86 ng
RT: 14.29 min Scan# 1111
Delta R.T. -0.06 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

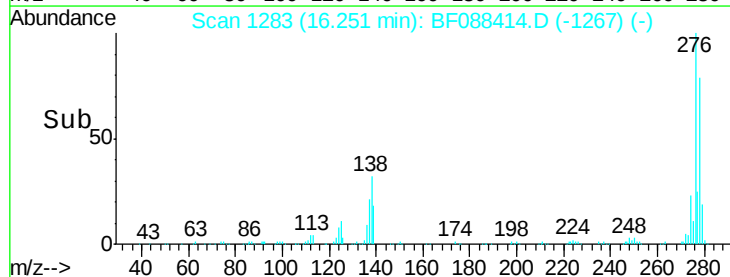
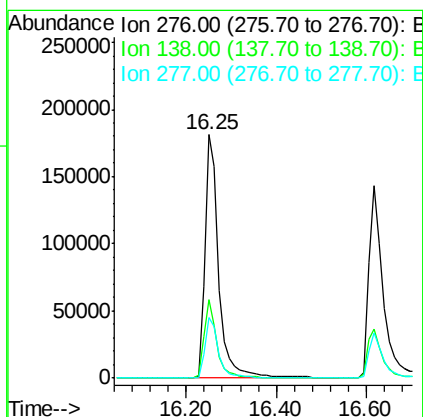
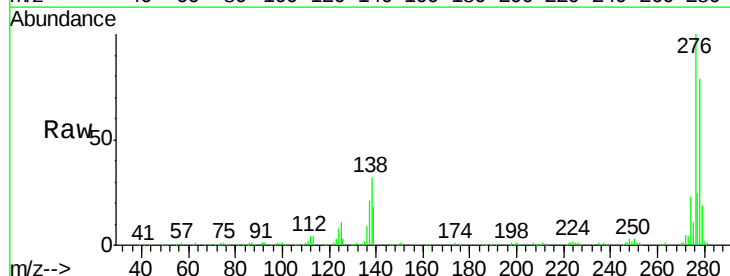
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

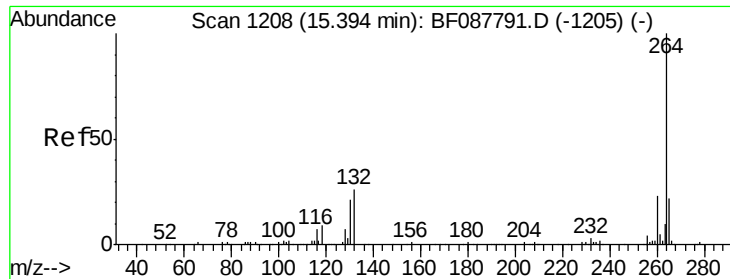
Tot Ion:149 Resp: 637472
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 6.9 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.35 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:276 Resp: 383143
Ion Ratio Lower Upper
276 100
138 30.4 0.0 0.0#
277 24.7 0.0 0.0#

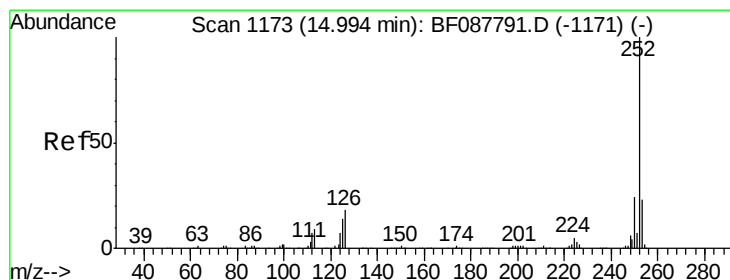
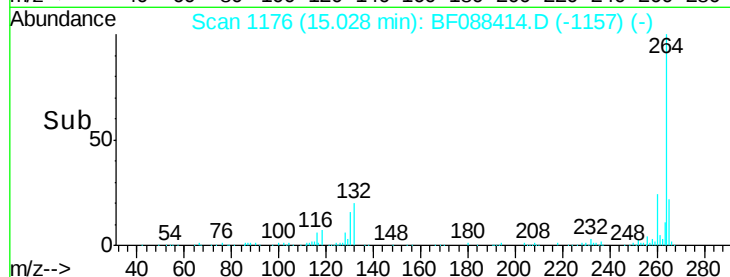
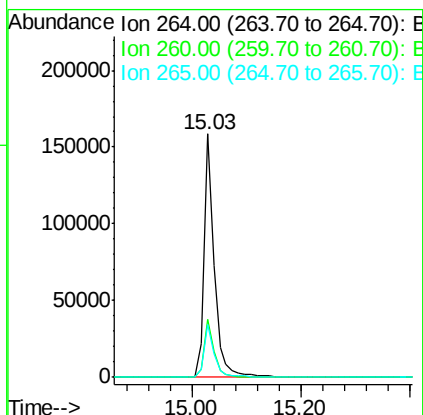
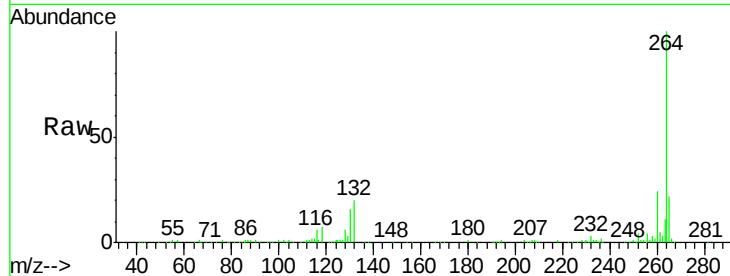




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

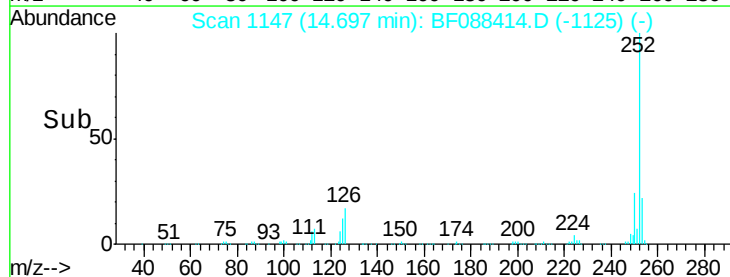
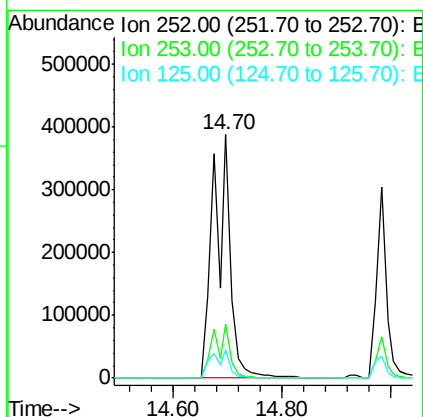
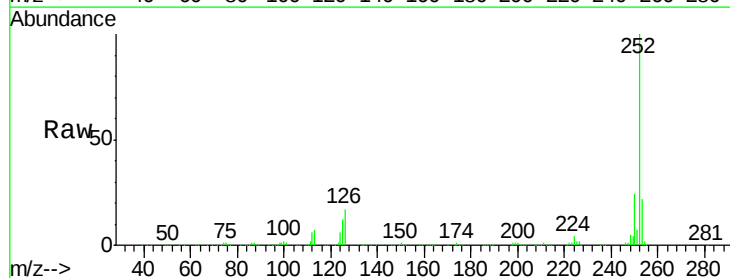
Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

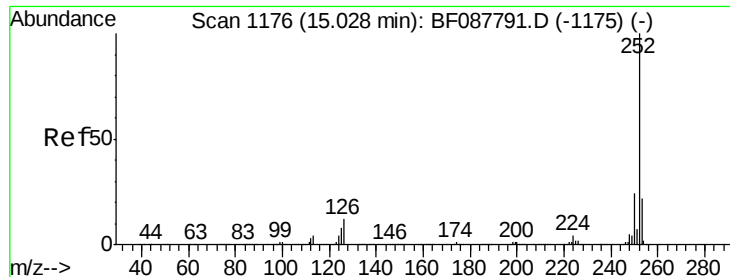
Tot Ion:264 Resp: 205130
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 58.97 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:252 Resp: 843142
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.6 7.1 10.7#

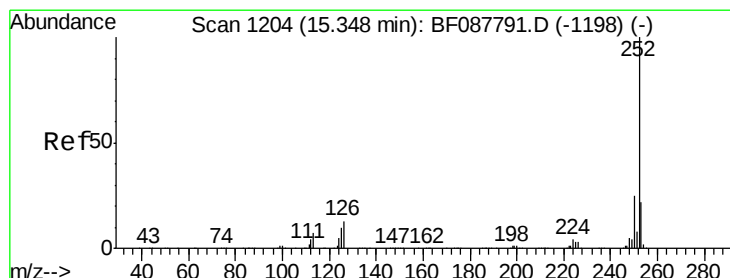
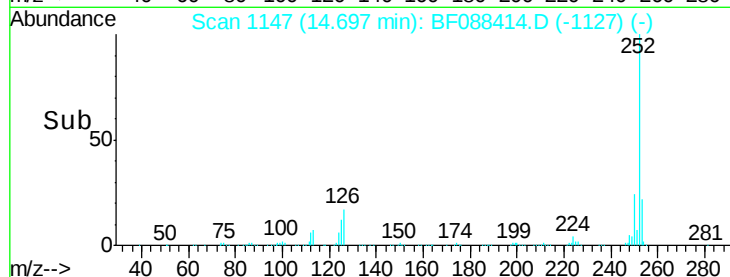
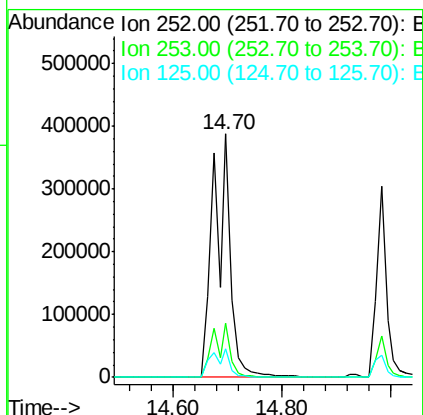
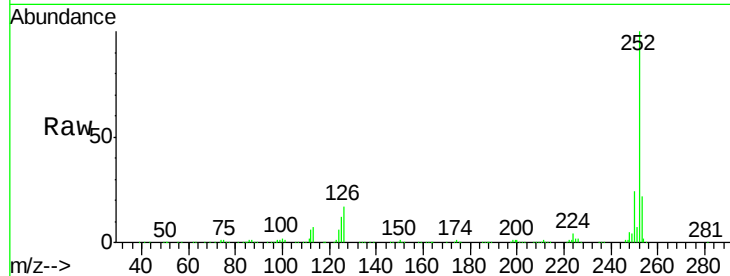




#88
Benzo(k)fluoranthene
Concen: 78.18 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

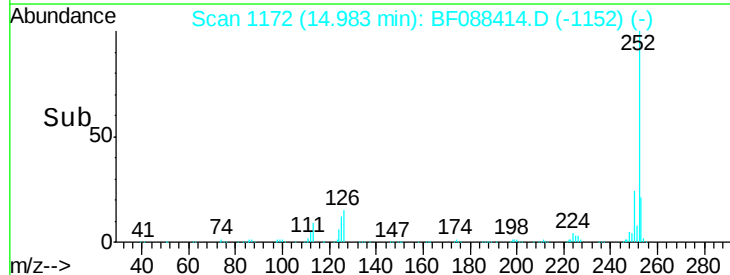
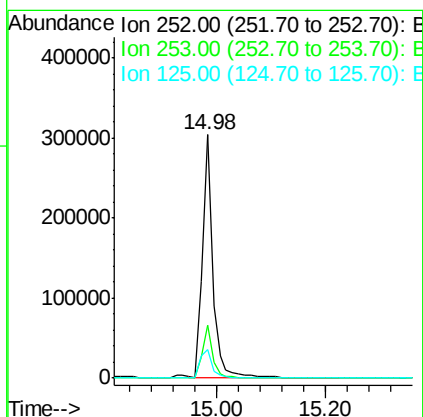
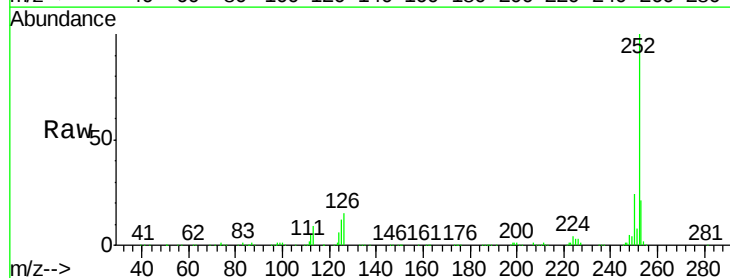
Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion:252 Resp: 843142
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 34.30 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:252 Resp: 396765
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.8 12.5 18.7#



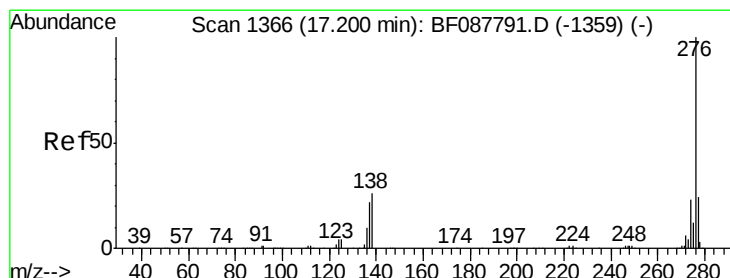
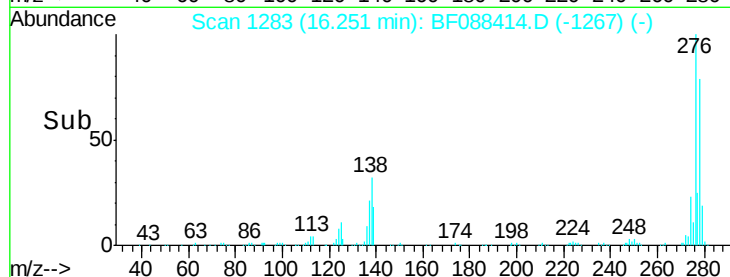
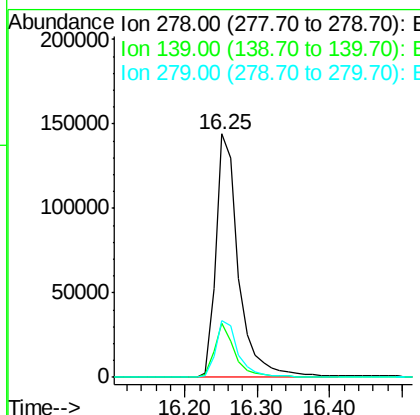
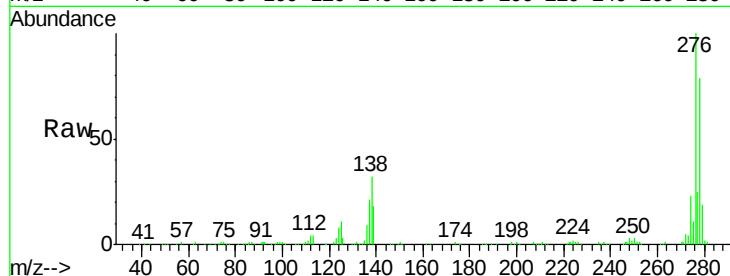


#90
Dibenzo(a,h)anthracene
Concen: 29.17 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion:278 Resp: 313391

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	23.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 28.94 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.13 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:276 Resp: 319874

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	25.8	21.4	32.2

