

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086228.D
 Acq On : 15 Apr 2016 20:44
 Operator : UM/SJ
 Sample : H2402-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Quant Time: Apr 16 00:27:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	278587	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1126964	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	512567	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	883701	20.00	ng	0.00
75) Chrysene-d12	14.05	240	472139	20.00	ng	0.00
86) Perylene-d12	15.48	264	454294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1196115	70.35	ng	0.01
7) Phenol-d6	6.51	99	930285	43.74	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1898615	97.17	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	484976	117.83	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2590176	93.25	ng	0.00
78) Terphenyl-d14	13.00	244	1786659	95.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	167365	17.85	ng	96
3) Pyridine	3.31	79	357483	14.62	ng	94
4) n-Nitrosodimethylamine	3.22	42	190411	21.55	ng	# 68
6) Aniline	6.56	93	644273	21.02	ng	97
8) 2-Chlorophenol	6.68	128	745984	38.78	ng	# 77
9) Benzaldehyde	6.44	77	250350	16.59	ng	93
10) Phenol	6.52	94	394175	15.56	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	868014	45.56	ng	# 82
12) 1,3-Dichlorobenzene	6.83	146	909355	44.55	ng	99
13) 1,4-Dichlorobenzene	6.91	146	871006	44.80	ng	98
14) 1,2-Dichlorobenzene	7.07	146	822152	47.64	ng	97
15) Benzyl Alcohol	7.04	79	579205	38.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1487967	50.12	ng	99
17) 2-Methylphenol	7.15	107	601185	37.51	ng	95
18) Hexachloroethane	7.41	117	344048	46.91	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	640964	47.09	ng	# 83
20) 3+4-Methylphenols	7.30	107	498136	27.75	ng	# 82
22) Acetophenone	7.31	105	1183596	60.62	ng	# 98
24) Nitrobenzene	7.48	77	1100135	51.49	ng	100
25) Isophorone	7.72	82	1941592	50.08	ng	100
26) 2-Nitrophenol	7.80	139	502197	53.92	ng	# 67
27) 2,4-Dimethylphenol	7.84	122	852764	45.34	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	1261232	55.33	ng	98
29) 2,4-Dichlorophenol	8.03	162	703103	49.16	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	706827	47.23	ng	98
31) Naphthalene	8.20	128	2339516	46.49	ng	100
32) Benzoic acid	7.90	122	199052	16.55	ng	98
33) 4-Chloroaniline	8.25	127	407751	18.13	ng	97
34) Hexachlorobutadiene	8.33	225	356242	47.51	ng	99
35) Caprolactam	8.64	113	19564	3.78	ng	# 81
36) 4-Chloro-3-methylphenol	8.73	107	793377	47.87	ng	97
37) 2-Methylnaphthalene	8.90	142	1676594	51.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	511844	47.79	ng	98
40) Hexachlorocyclopentadiene	9.06	237	565245	93.55	ng	99

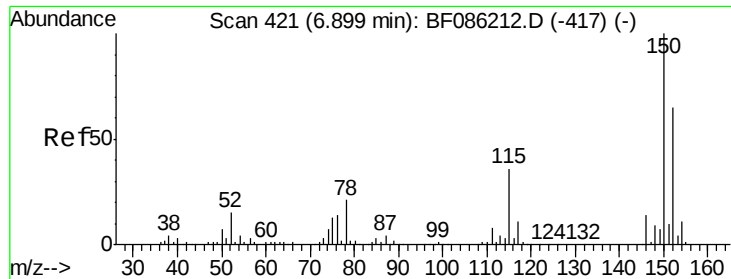
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086228.D
 Acq On : 15 Apr 2016 20:44
 Operator : UM/SJ
 Sample : H2402-04MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	498998	49.42	ng	100
43) 2,4,5-Trichlorophenol	9.21	196	468933	48.08	ng #	92
45) 1,1'-Biphenyl	9.37	154	1878223	50.90	ng	95
46) 2-Chloronaphthalene	9.39	162	1559037	51.75	ng	93
47) 2-Nitroaniline	9.48	65	573144	58.73	ng #	61
48) Acenaphthylene	9.80	152	2336701	48.75	ng	99
49) Dimethylphthalate	9.66	163	1720478	46.16	ng	99
50) 2,6-Dinitrotoluene	9.72	165	408875	49.58	ng #	75
51) Acenaphthene	9.97	154	1601208	55.92	ng	99
52) 3-Nitroaniline	9.88	138	195143	19.47	ng	98
53) 2,4-Dinitrophenol	10.00	184	426297	136.42	ng #	74
54) Dibenzofuran	10.14	168	1917475	50.70	ng	93
55) 4-Nitrophenol	10.04	139	319953	40.81	ng #	64
56) 2,4-Dinitrotoluene	10.12	165	527543	49.97	ng #	72
57) Fluorene	10.49	166	1371845	53.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	377107	53.23	ng	97
59) Diethylphthalate	10.36	149	1810334	47.06	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	543812	52.35	ng	92
61) 4-Nitroaniline	10.50	138	366374	42.30	ng	90
62) Azobenzene	10.64	77	1974981	52.47	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	285906	67.98	ng #	47
65) n-Nitrosodiphenylamine	10.60	169	1442536	53.30	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	388771	47.20	ng #	85
67) Hexachlorobenzene	11.04	284	467639	54.18	ng #	74
68) Atrazine	11.13	200	380501	45.88	ng	98
69) Pentachlorophenol	11.22	266	478231	91.38	ng	98
70) Phenanthrene	11.45	178	2167684	51.36	ng	99
71) Anthracene	11.49	178	2125957	68.27	ng	100
72) Carbazole	11.65	167	2232609	55.62	ng	98
73) Di-n-butylphthalate	11.98	149	2431701	44.80	ng	99
74) Fluoranthene	12.62	202	2051866	58.12	ng	97
77) Pyrene	12.85	202	2039647	56.31	ng	100
79) Butylbenzylphthalate	13.48	149	1029433	61.52	ng	87
80) Benzo(a)anthracene	14.04	228	1304252	50.32	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	196607	13.09	ng #	97
82) Chrysene	14.08	228	1301494	47.09	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	967933	53.57	ng #	98
84) Di-n-octyl phthalate	14.66	149	2086354	59.91	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1646437	72.48	ng	96
87) Benzo(b)fluoranthene	15.11	252	2613134	93.23	ng	100
88) Benzo(k)fluoranthene	15.11	252	2614148	102.29	ng #	97
89) Benzo(a)pyrene	15.43	252	1306792	53.83	ng	97
90) Dibenzo(a,h)anthracene	16.92	278	1345588	62.72	ng #	96
91) Benzo(g,h,i)perylene	17.33	276	1474026	64.61	ng #	94

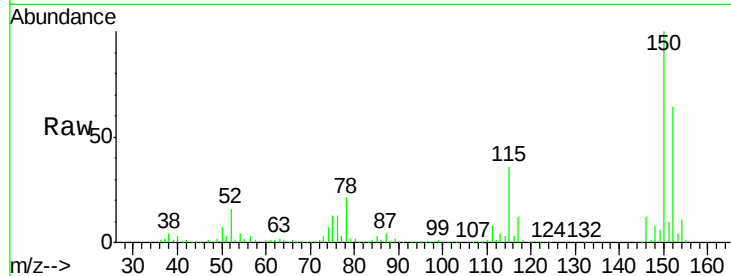
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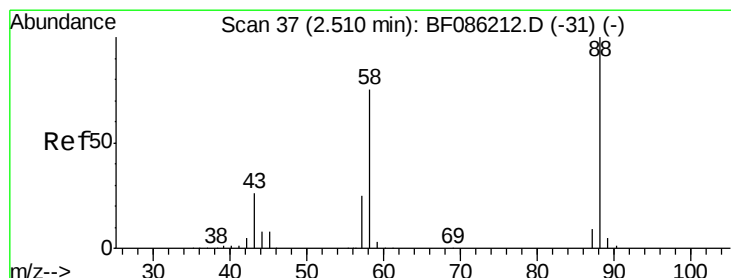
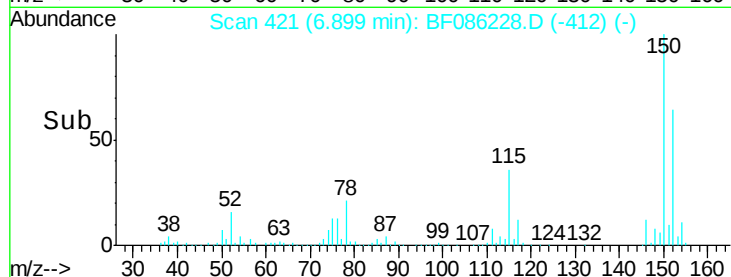
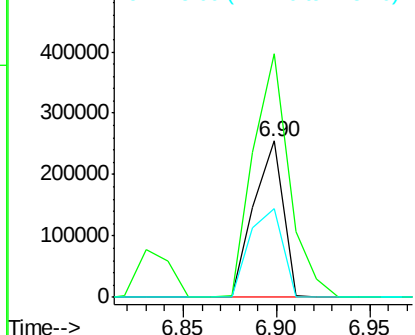
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tgt Ion: 152 Resp: 278587
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.1 186.1
 115 56.7 43.9 65.9

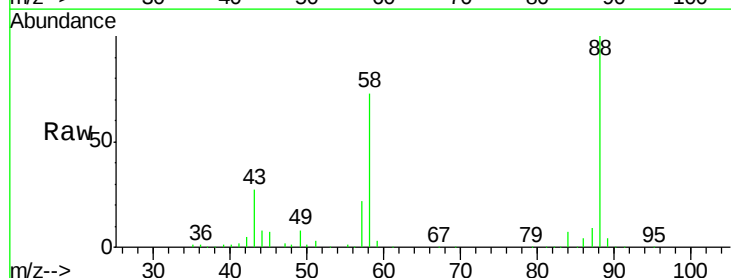


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

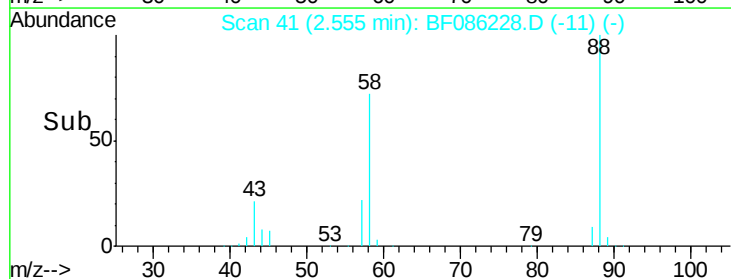
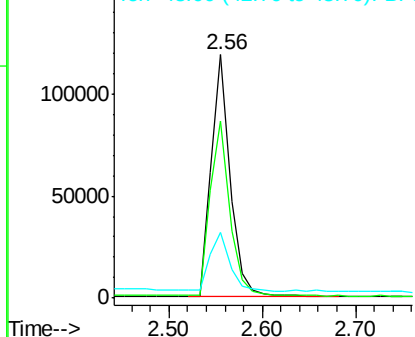


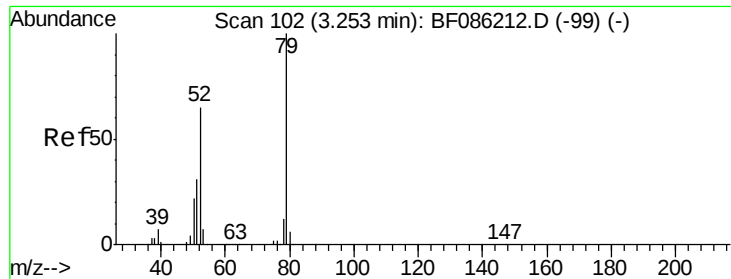
#2
 1,4-Dioxane
 Concen: 17.85 ng
 RT: 2.56 min Scan# 41
 Delta R.T. 0.05 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion: 88 Resp: 167365
 Ion Ratio Lower Upper
 88 100
 58 75.5 58.4 87.6
 43 25.5 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

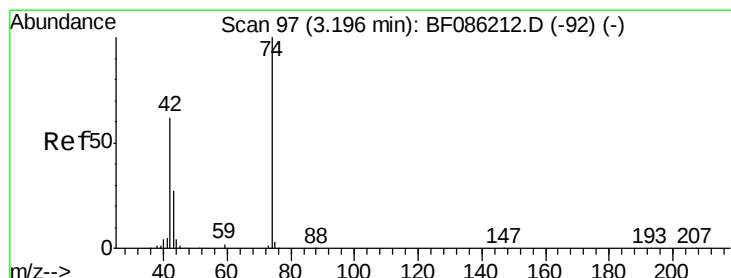
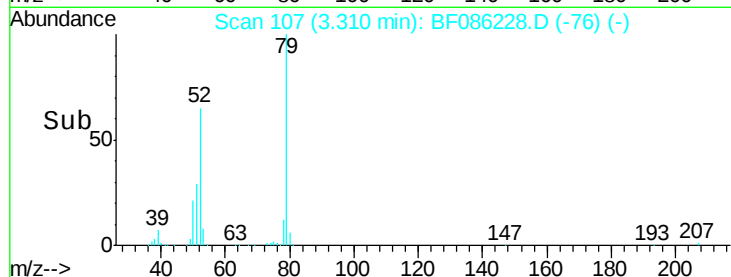
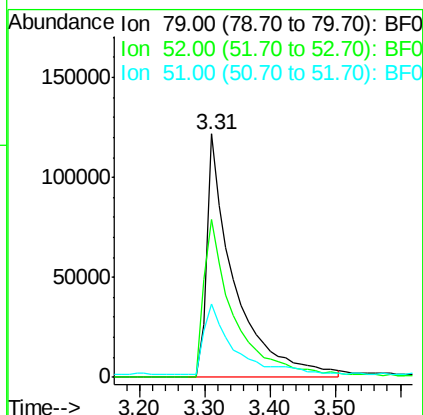
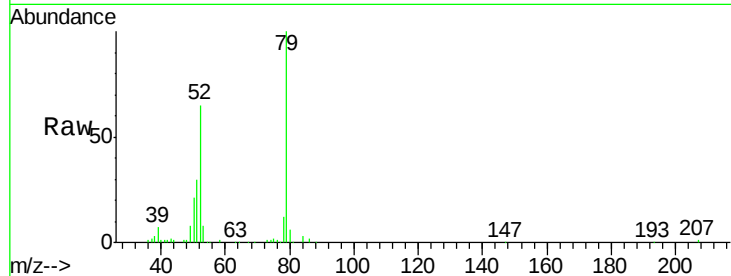




#3
 Pyridine
 Concen: 14.62 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

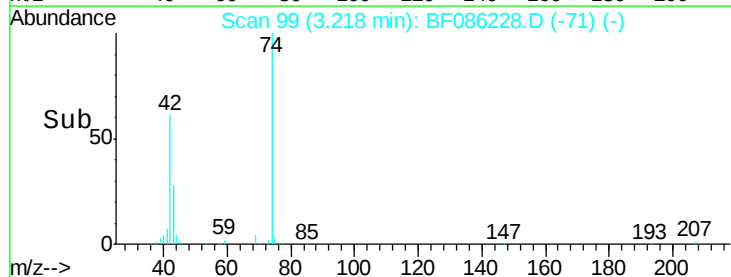
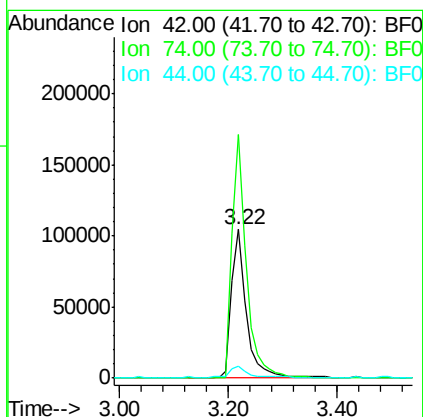
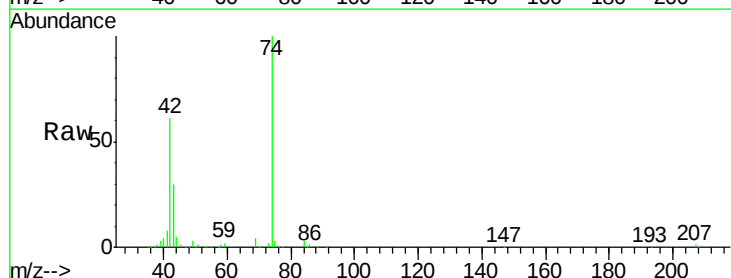
Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

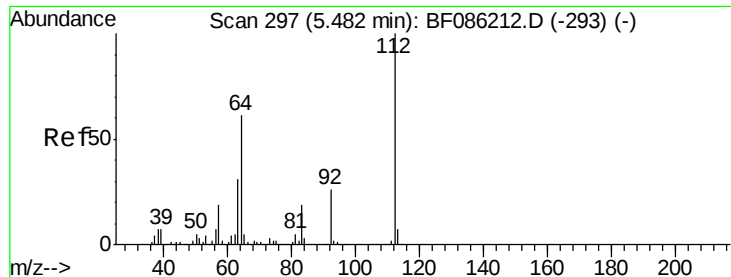
Tgt Ion: 79 Resp: 357483
 Ion Ratio Lower Upper
 79 100
 52 64.8 55.4 83.2
 51 30.3 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 21.55 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion: 42 Resp: 190411
 Ion Ratio Lower Upper
 42 100
 74 163.6 100.5 150.7#
 44 7.9 5.4 8.0





#5

2-Fluorophenol

Concen: 70.35 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

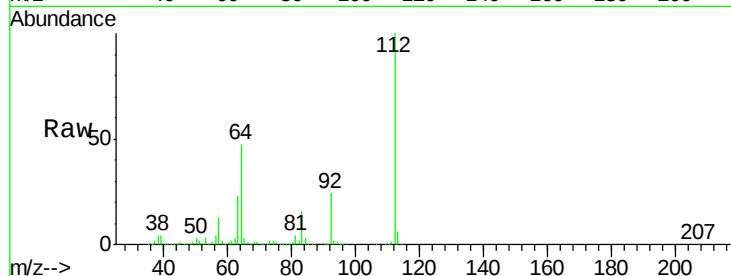
Tgt Ion:112 Resp: 1196115

Ion Ratio Lower Upper

112 100

64 47.0 48.1 72.1#

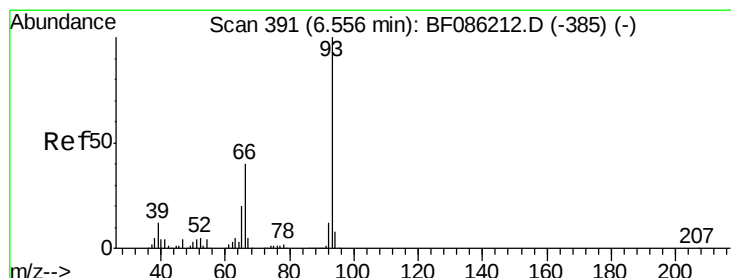
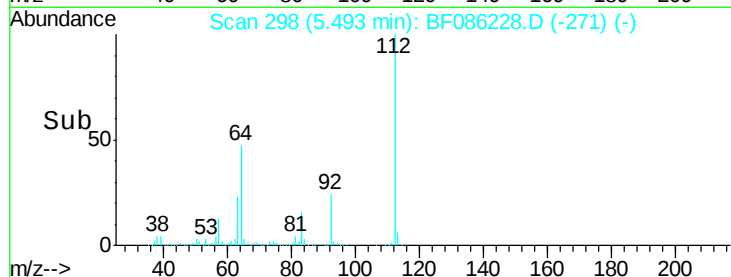
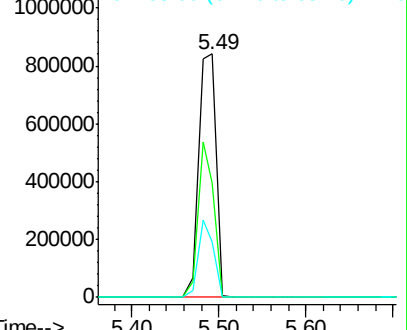
63 22.6 25.5 38.3#



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: 21.02 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

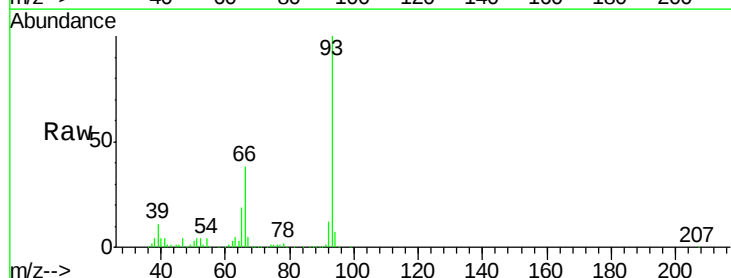
Tgt Ion: 93 Resp: 644273

Ion Ratio Lower Upper

93 100

66 38.2 32.2 48.2

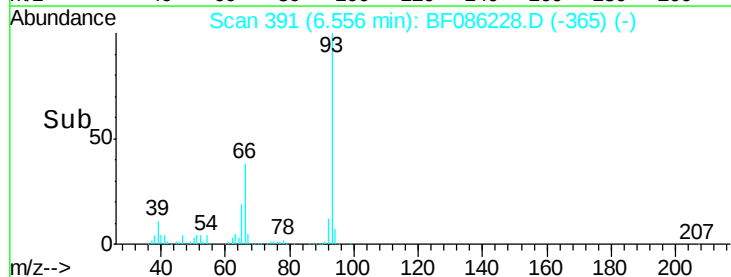
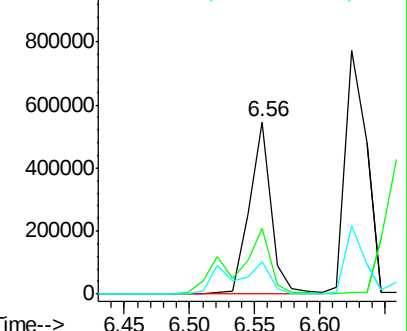
65 18.8 16.4 24.6

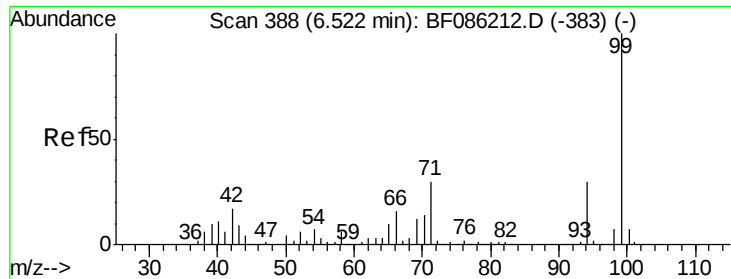


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.74 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

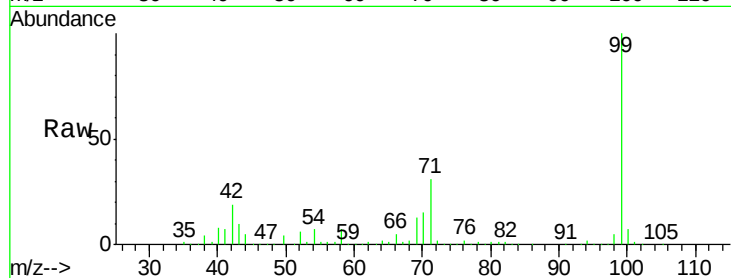
Tgt Ion: 99 Resp: 930285

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.2

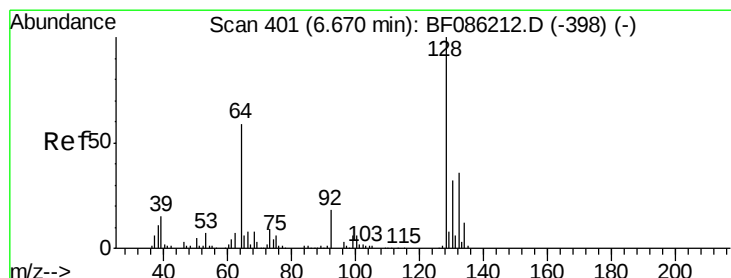
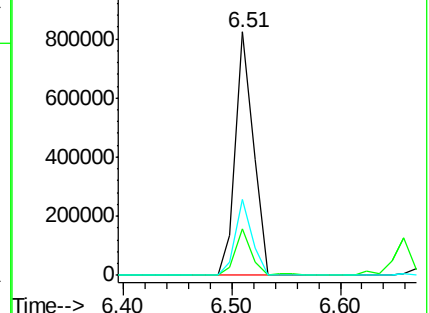
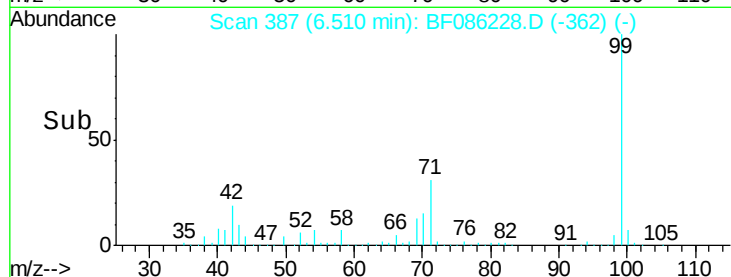
71 31.1 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.78 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

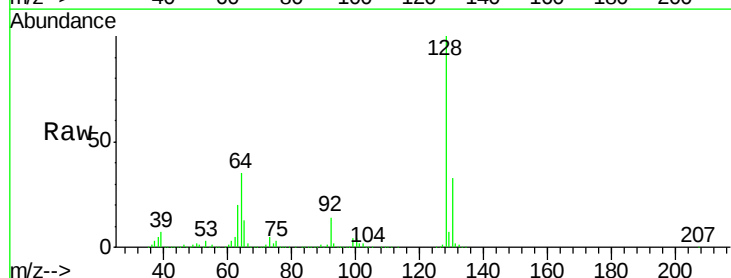
Tgt Ion: 128 Resp: 745984

Ion Ratio Lower Upper

128 100

130 33.4 11.8 51.8

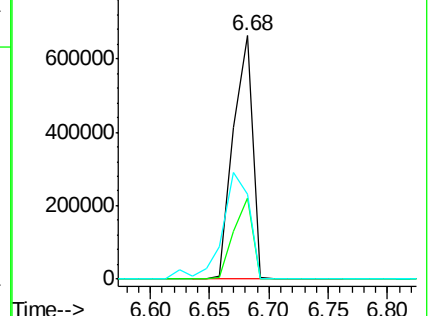
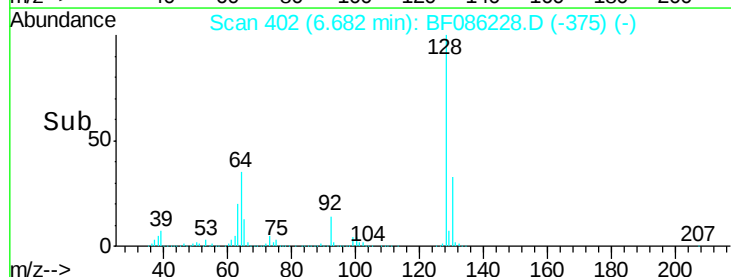
64 34.6 39.5 79.5#

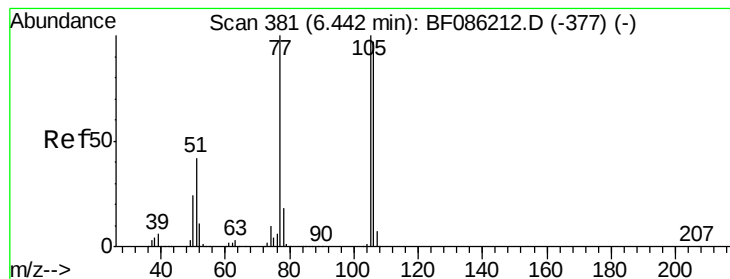


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

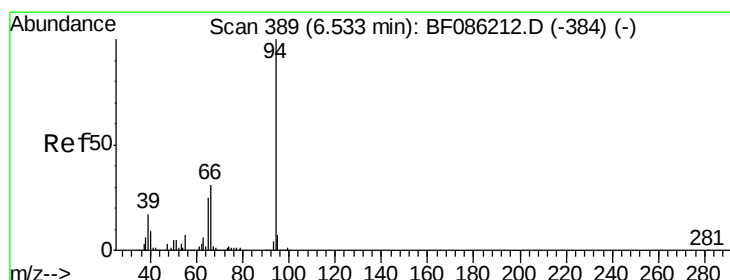
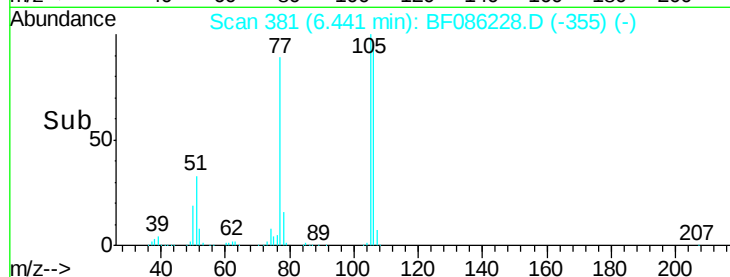
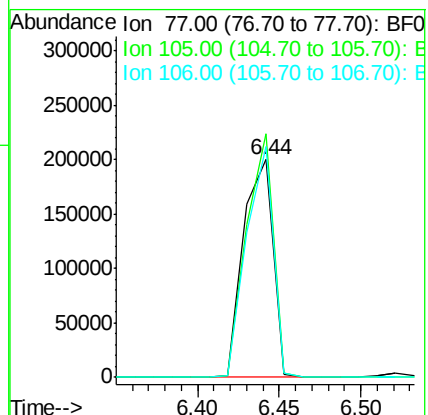
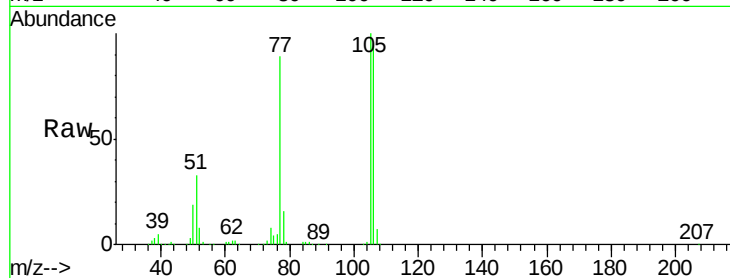
Tgt Ion: 77 Resp: 250350

Ion Ratio Lower Upper

77 100

105 111.9 84.6 124.6

106 106.0 78.6 118.6



#10

Phenol

Concen: 15.56 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

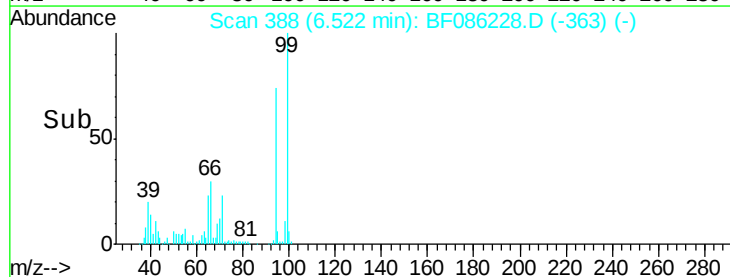
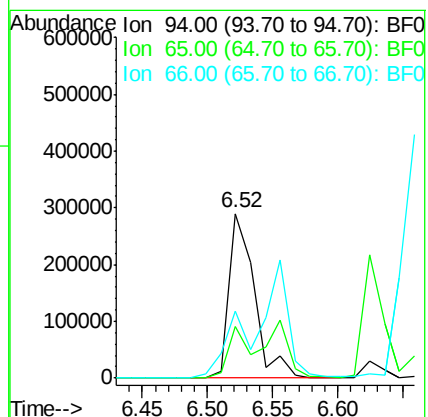
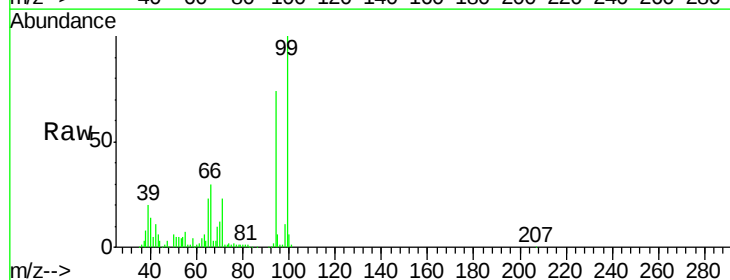
Tgt Ion: 94 Resp: 394175

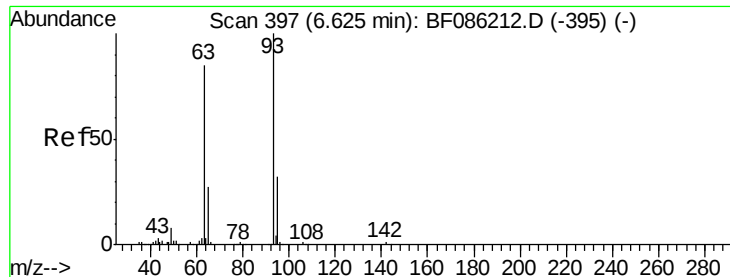
Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

66 40.4 16.5 56.5

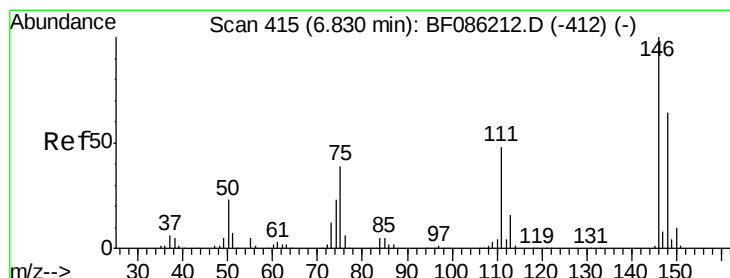
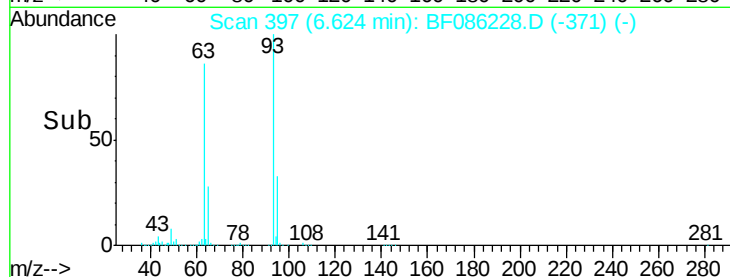
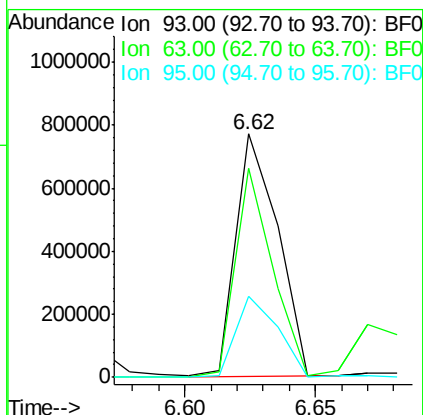
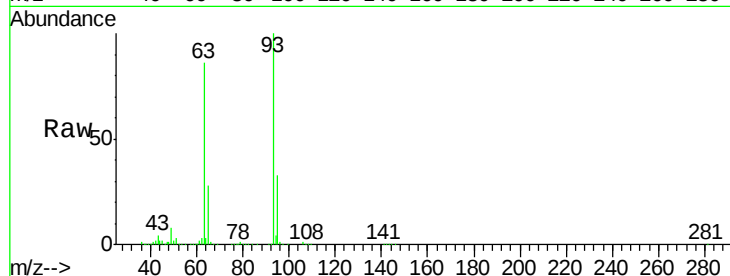




#11
bis(2-Chloroethyl)ether
Concen: 45.56 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

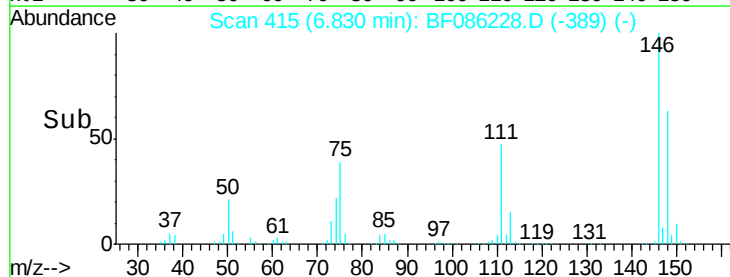
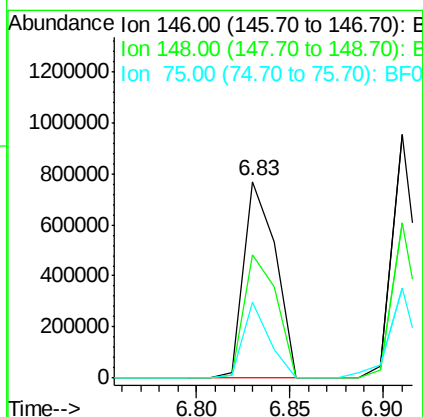
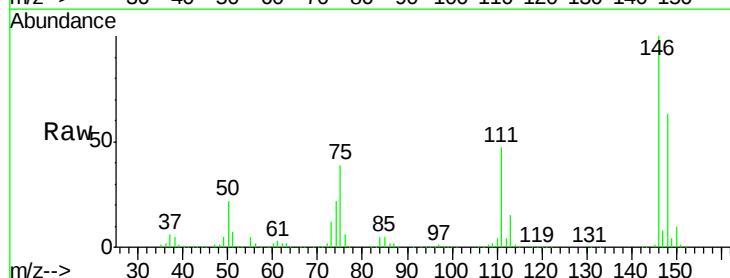
Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

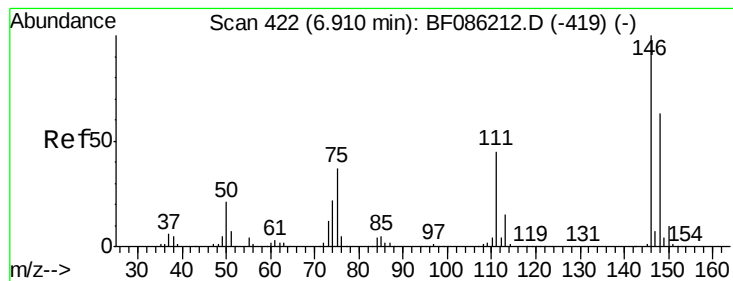
Tgt Ion: 93 Resp: 868014
Ion Ratio Lower Upper
93 100
63 85.7 44.4 84.4#
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 44.55 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion: 146 Resp: 909355
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
75 38.8 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 44.80 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

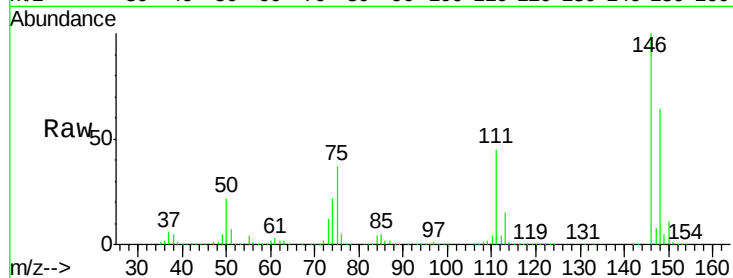
Tgt Ion:146 Resp: 871006

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

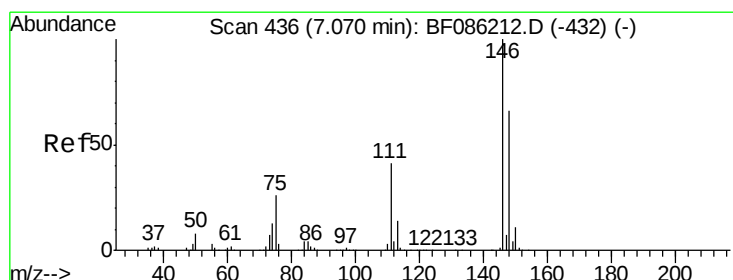
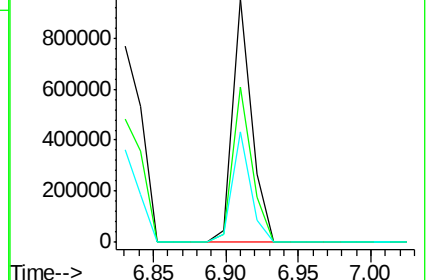
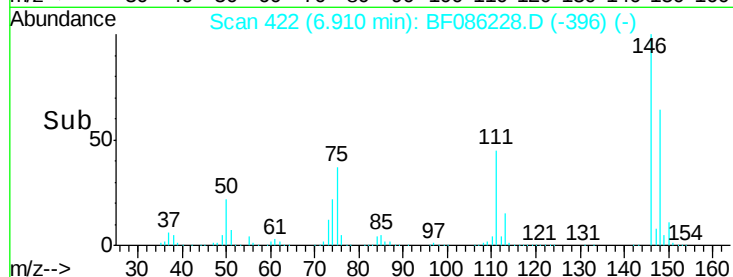
111 45.2 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.64 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

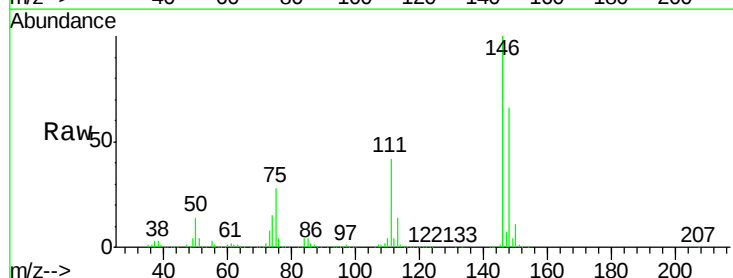
Tgt Ion:146 Resp: 822152

Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.2

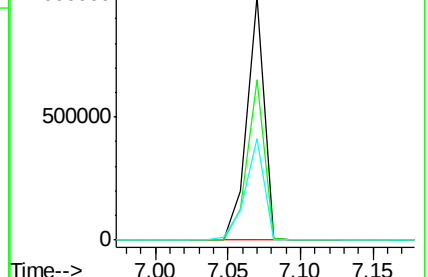
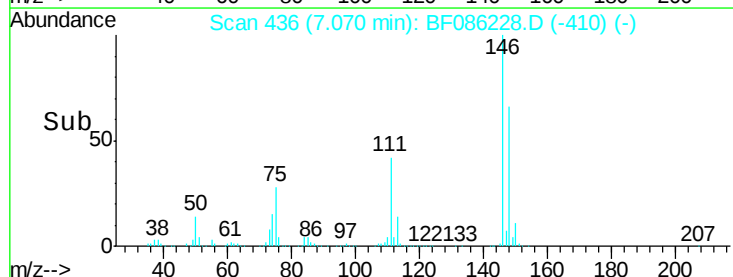
111 41.9 31.0 46.4

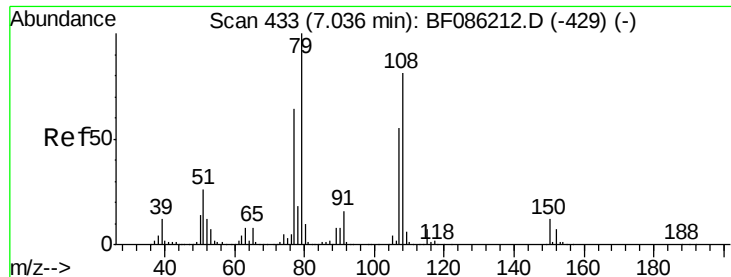


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.39 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

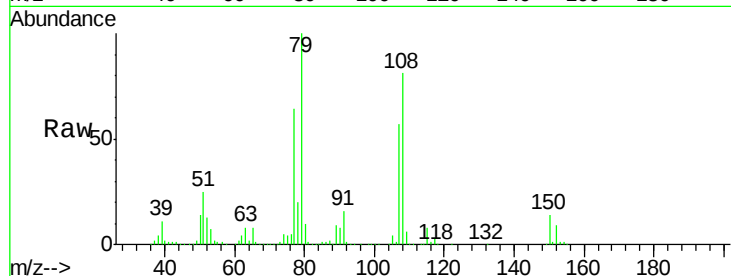
Tgt Ion: 79 Resp: 579205

Ion Ratio Lower Upper

79 100

108 81.3 64.8 97.2

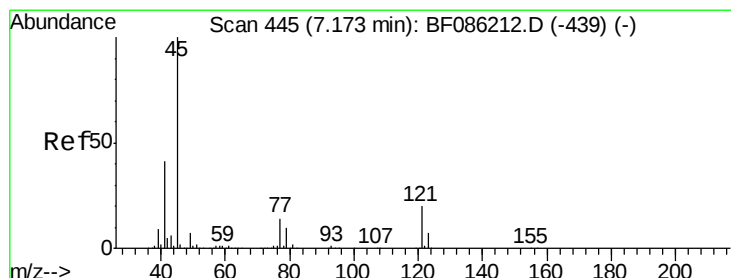
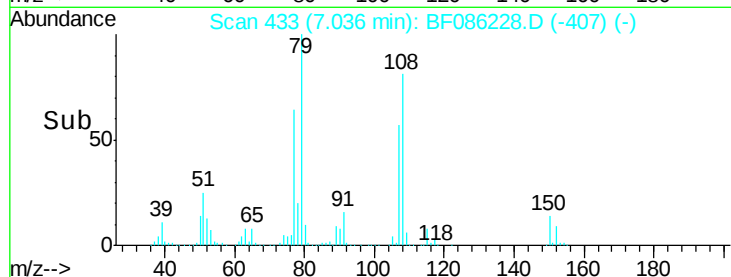
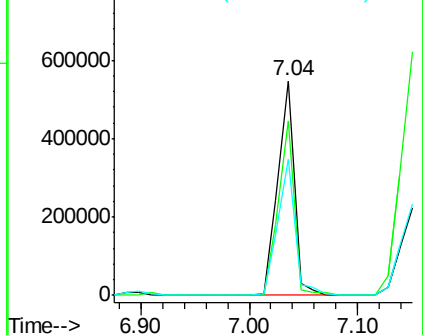
77 63.7 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.12 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

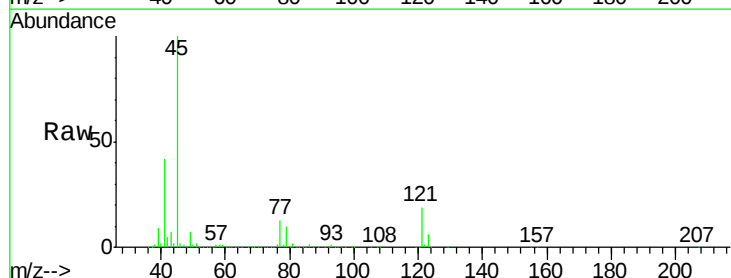
Tgt Ion: 45 Resp: 1487967

Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.7

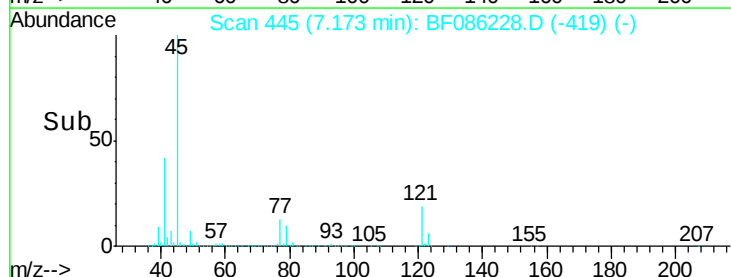
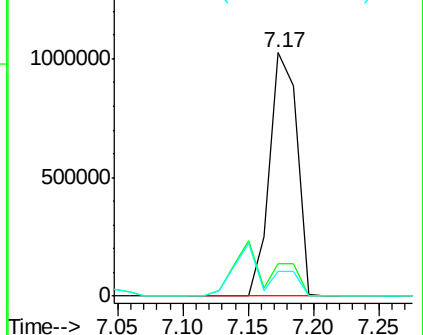
79 10.1 0.0 30.1

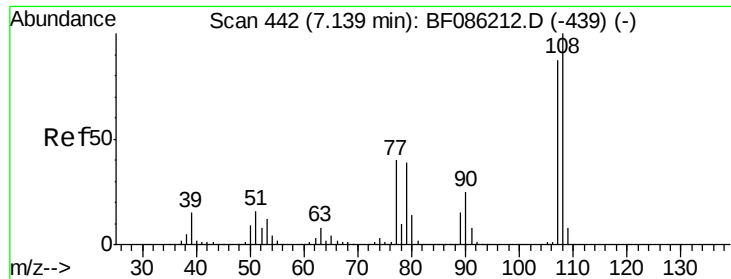


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

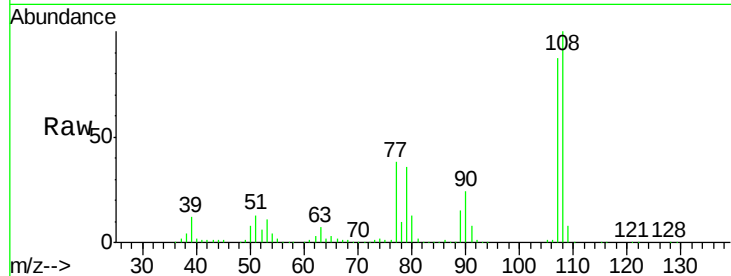




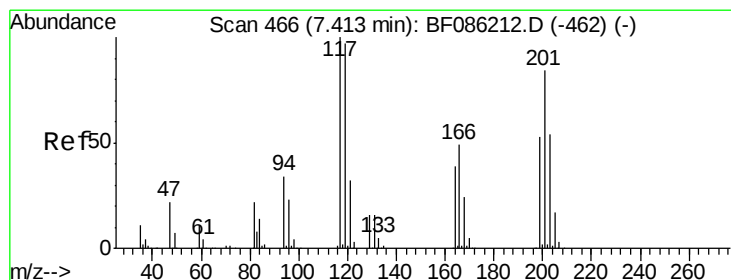
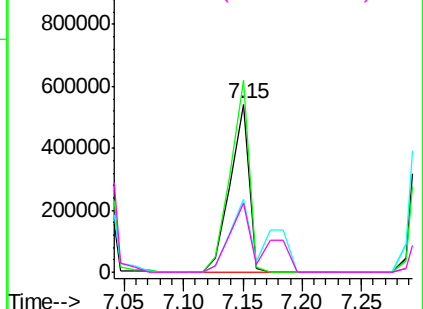
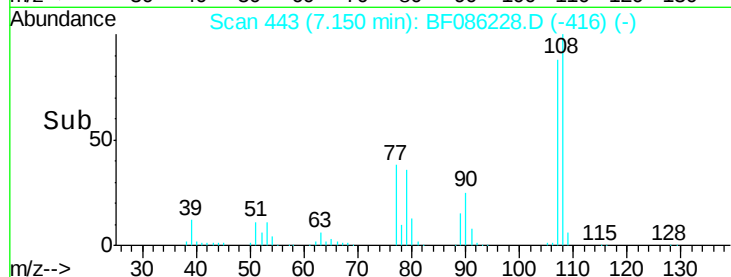
#17
2-Methylphenol
Concen: 37.51 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tgt Ion:107 Resp: 601185
Ion Ratio Lower Upper
107 100
108 114.4 92.7 139.1
77 43.1 39.6 59.4
79 41.1 37.4 56.2

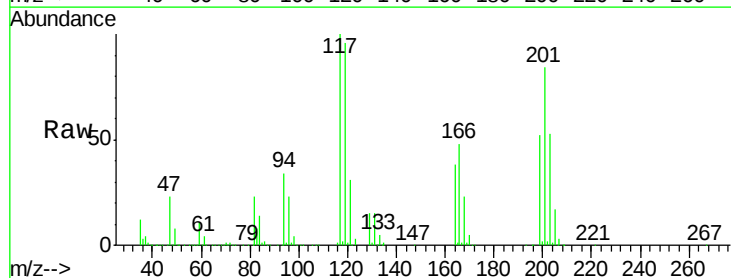


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

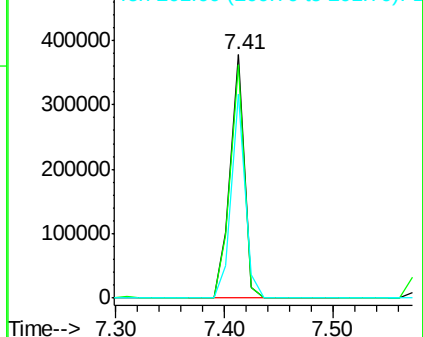
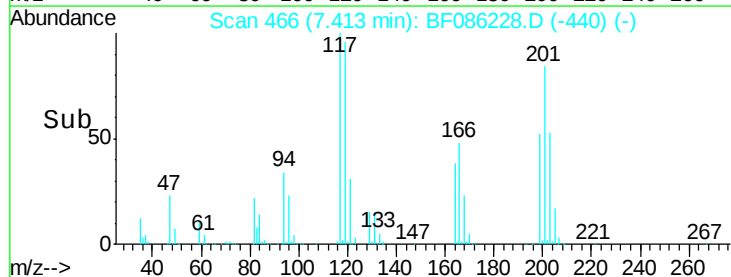


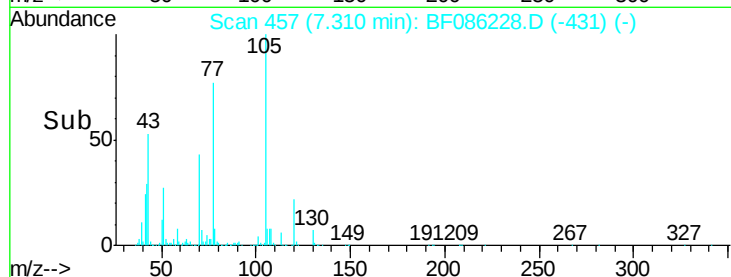
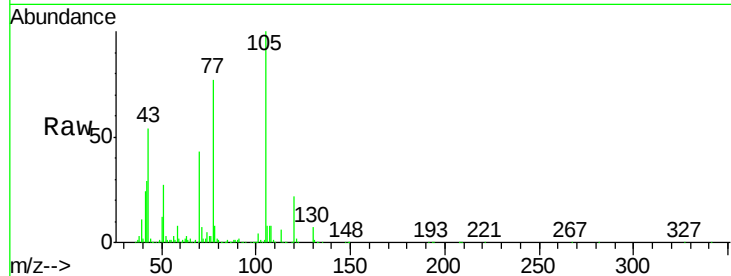
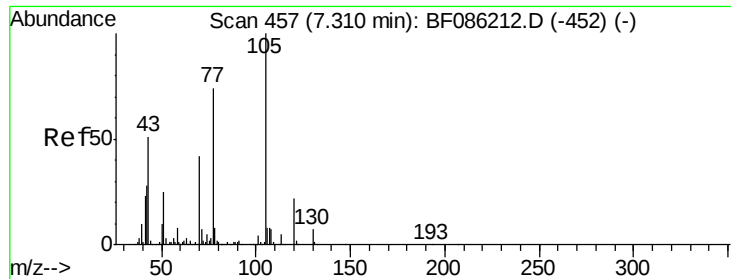
#18
Hexachloroethane
Concen: 46.91 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:117 Resp: 344048
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4
201 83.7 75.7 113.5



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

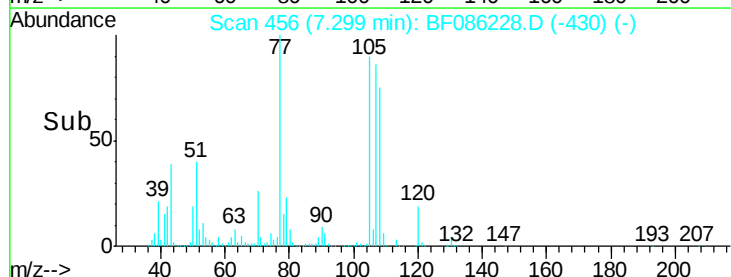
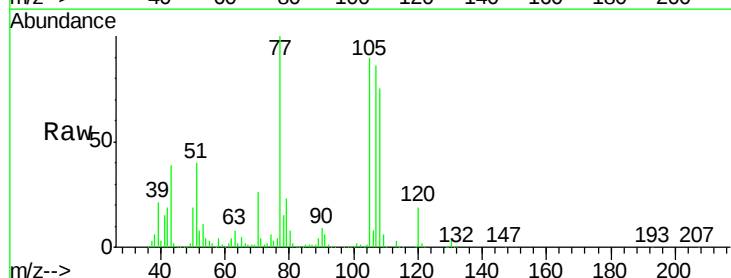
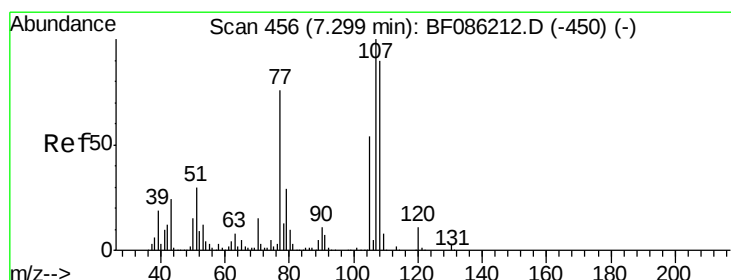
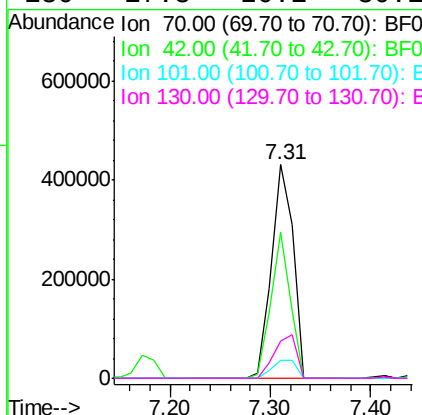




#19
n-Nitroso-di-n-propylamine
Concen: 47.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

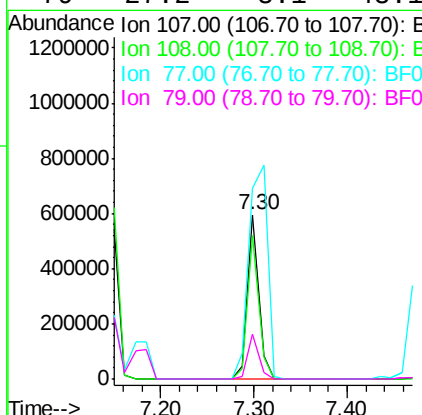
Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

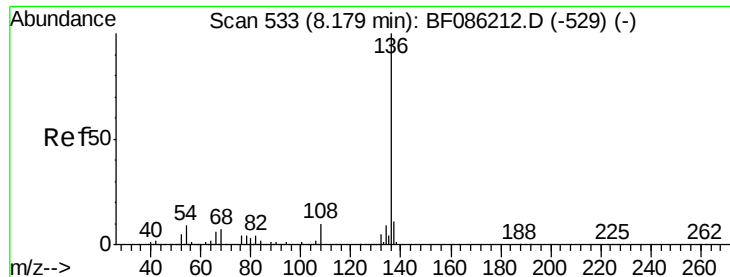
Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.2	43.0	64.4#
101	8.6	8.1	12.1
130	17.3	20.1	30.1#



#20
3+4-Methylphenols
Concen: 27.75 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.7	109.7
77	115.8	60.5	100.5#
79	27.2	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tgt Ion:136 Resp: 1126964

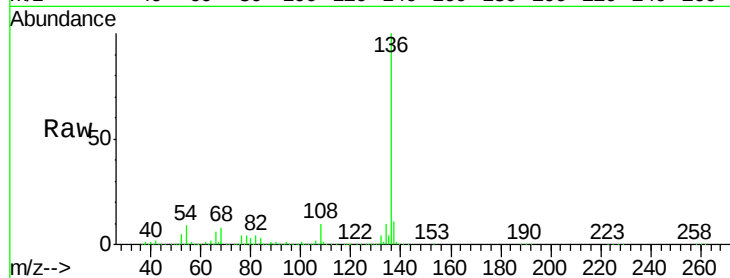
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.1 7.3 10.9

68 7.7 5.7 8.5

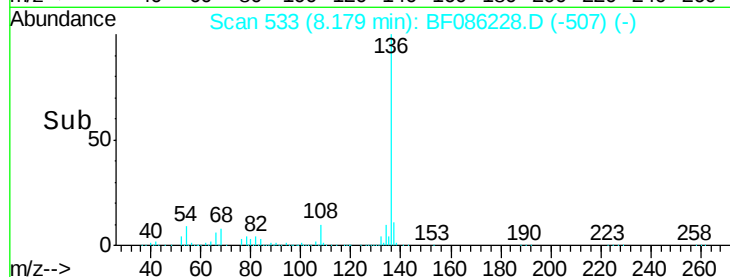


Abundance Ion 136.00 (135.70 to 136.70): E

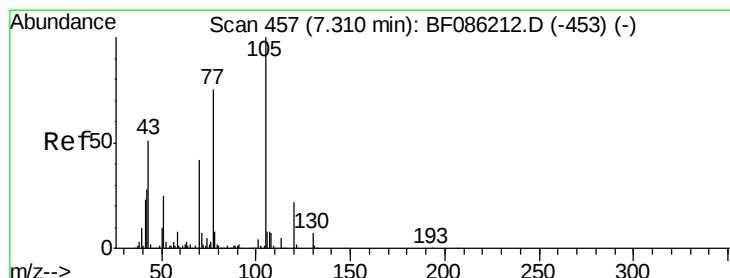
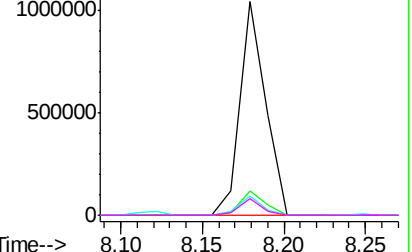
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 60.62 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:105 Resp: 1183596

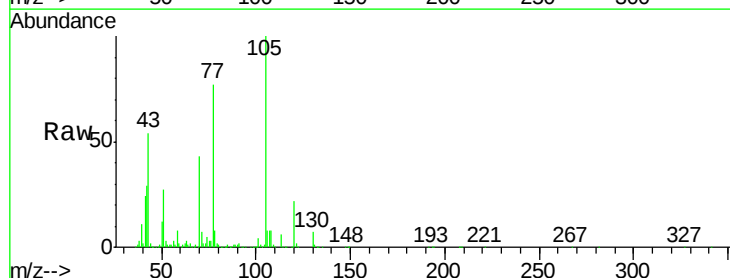
Ion Ratio Lower Upper

105 100

71 7.3 4.0 6.0#

51 26.7 22.0 33.0

120 22.1 17.5 26.3

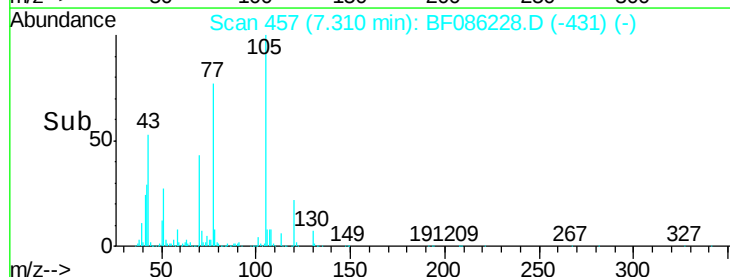


Abundance Ion 105.00 (104.70 to 105.70): E

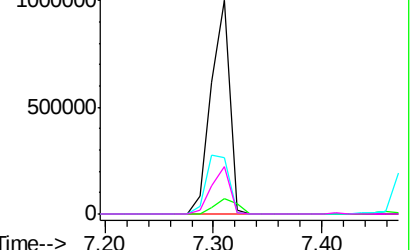
Ion 71.00 (70.70 to 71.70): BF0

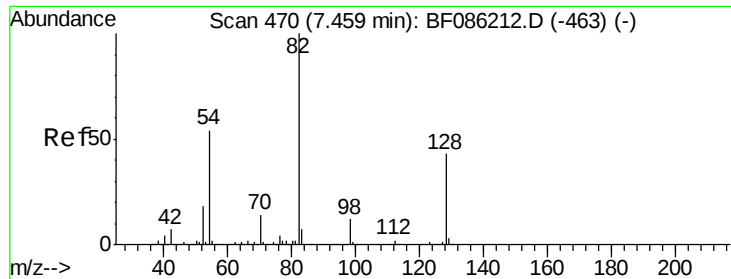
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

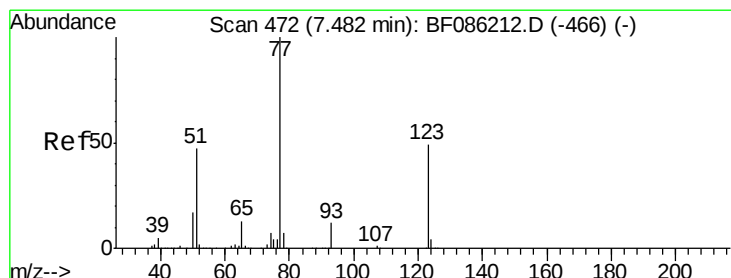
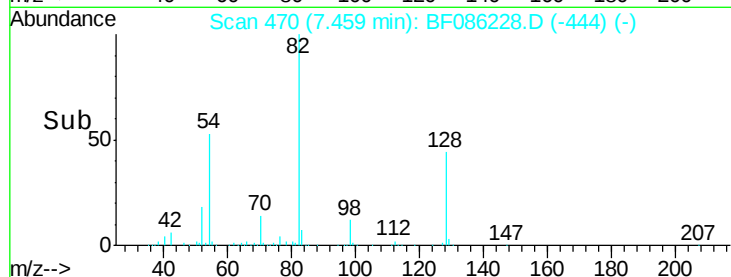
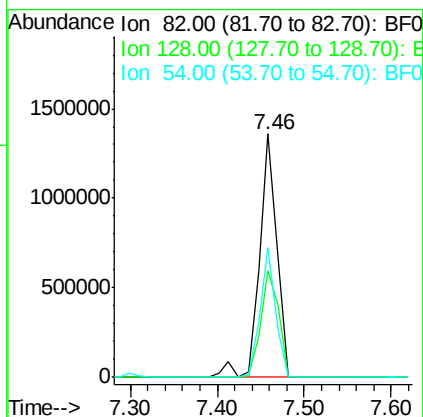
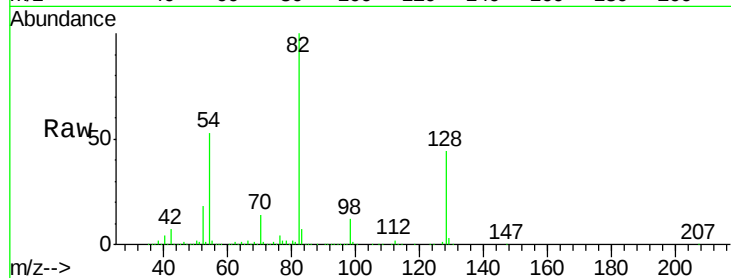




#23
 Nitrobenzene-d5
 Concen: 97.17 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

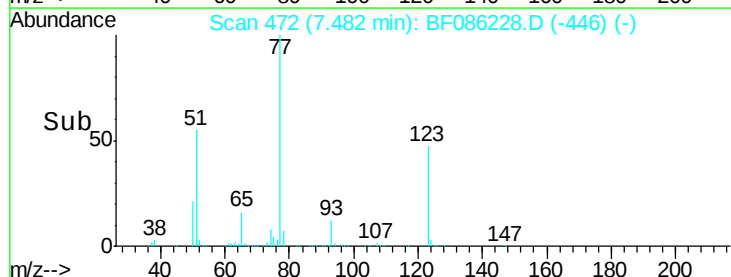
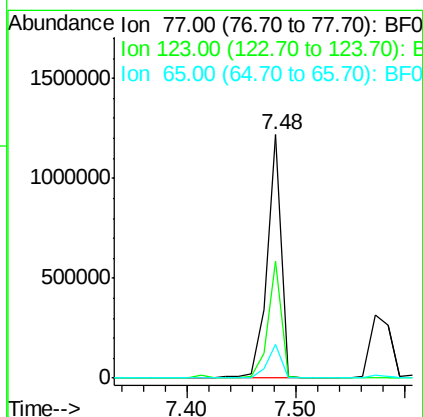
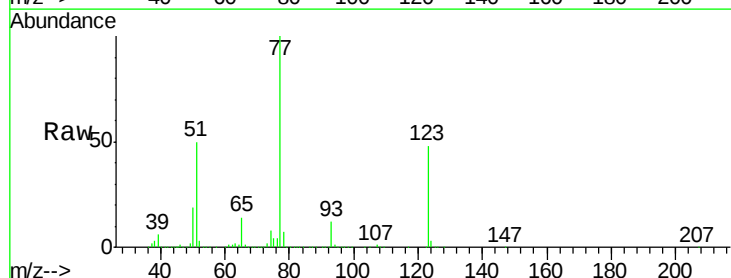
Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

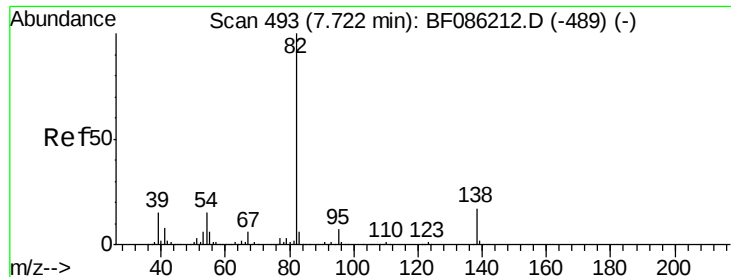
Tgt Ion: 82 Resp: 1898615
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.4 53.2
 54 53.4 43.4 65.0



#24
 Nitrobenzene
 Concen: 51.49 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion: 77 Resp: 1100135
 Ion Ratio Lower Upper
 77 100
 123 47.9 38.3 57.5
 65 13.8 11.3 16.9





#25

Isophorone

Concen: 50.08 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

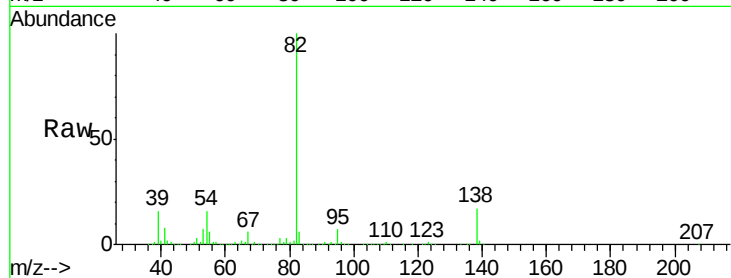
Tgt Ion: 82 Resp: 1941592

Ion Ratio Lower Upper

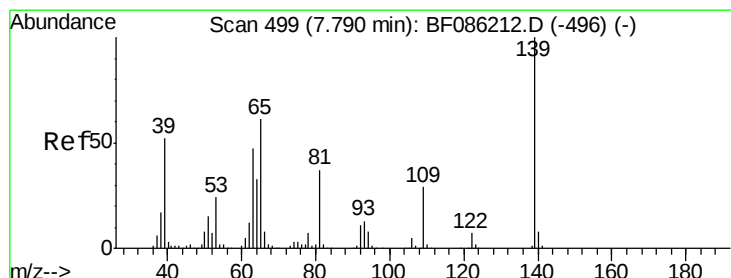
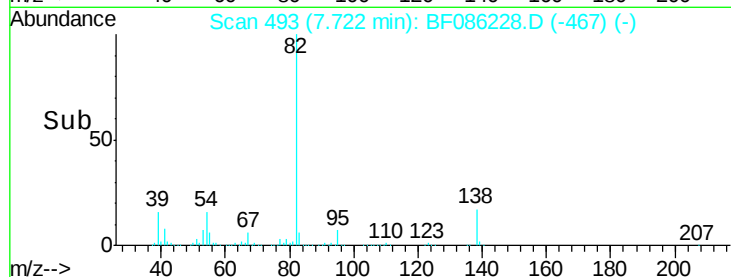
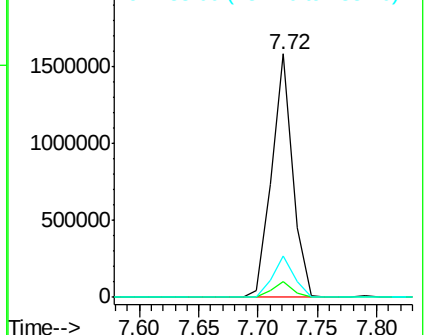
82 100

95 6.7 5.4 8.2

138 17.0 13.4 20.2



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



#26

2-Nitrophenol

Concen: 53.92 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

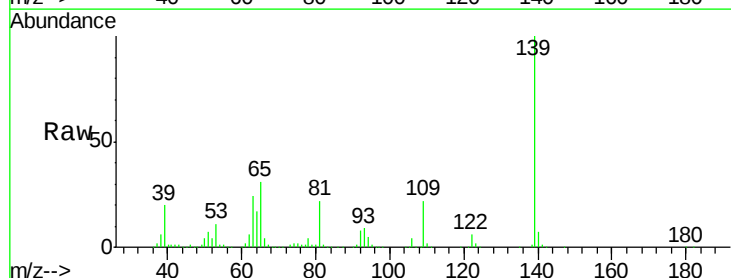
Tgt Ion: 139 Resp: 502197

Ion Ratio Lower Upper

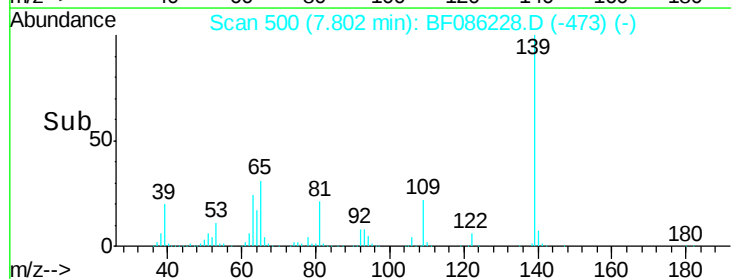
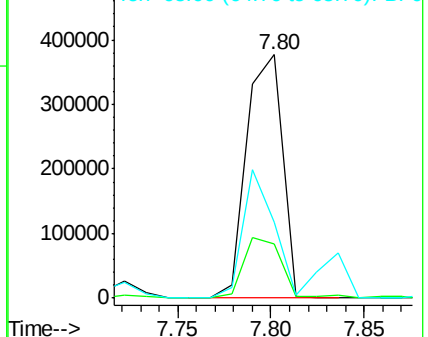
139 100

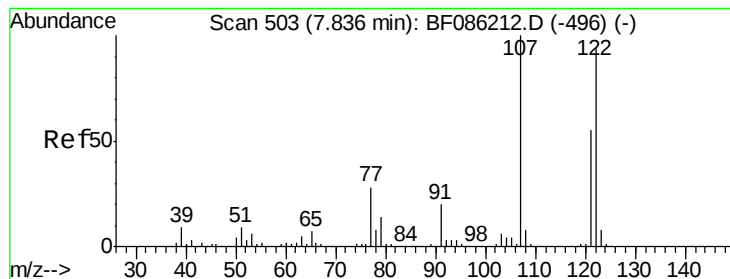
109 22.1 25.8 38.8#

65 31.0 50.2 75.2#



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





#27

2,4-Dimethylphenol

Concen: 45.34 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

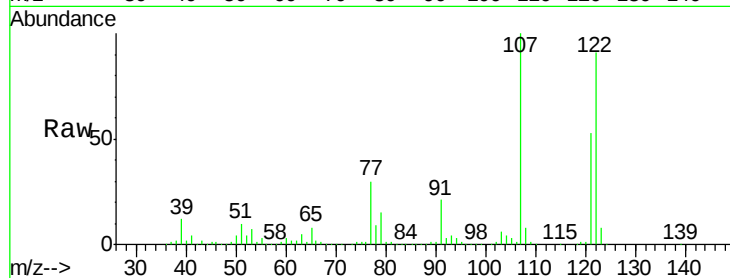
Tgt Ion:122 Resp: 852764

Ion Ratio Lower Upper

122 100

107 110.2 85.8 128.6

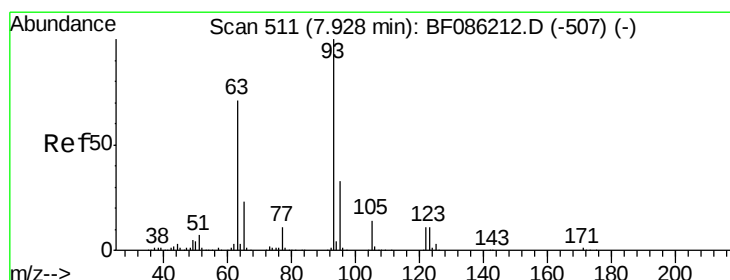
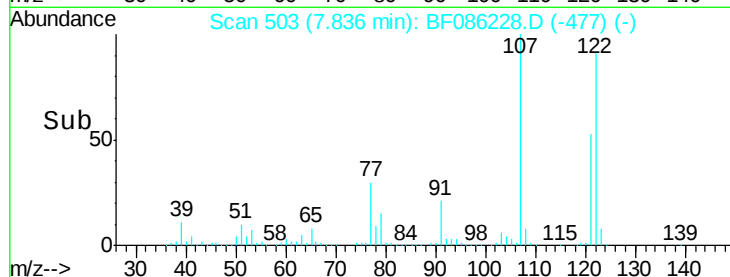
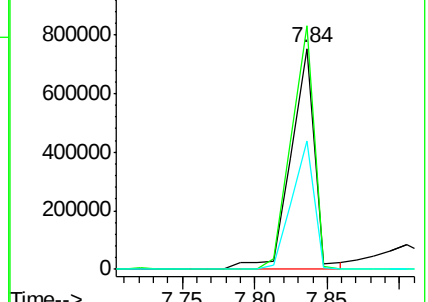
121 58.2 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.33 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

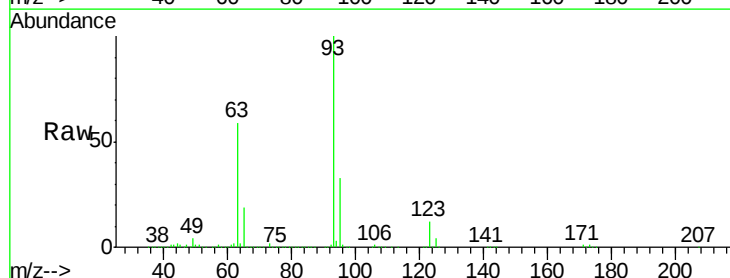
Tgt Ion: 93 Resp: 1261232

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

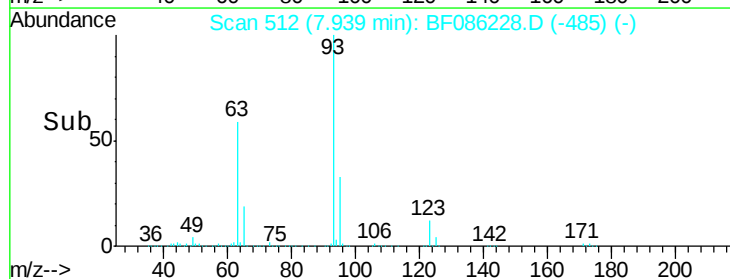
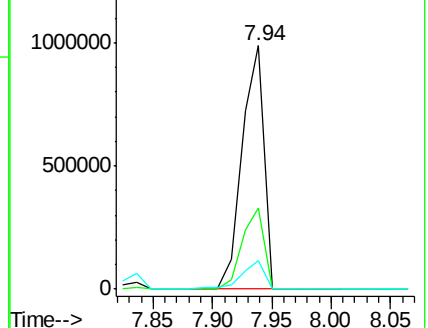
123 11.8 8.9 13.3

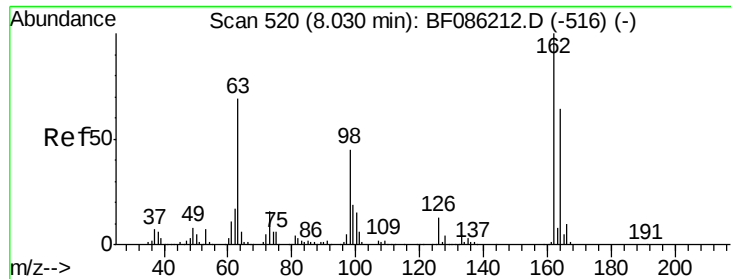


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

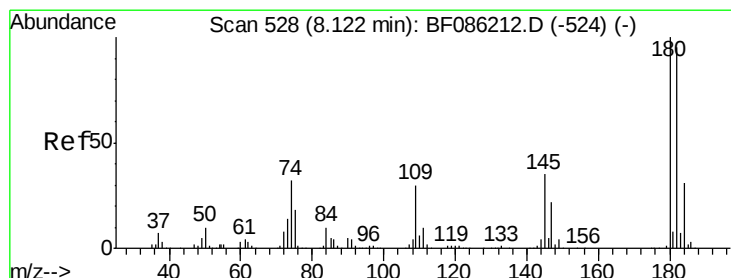
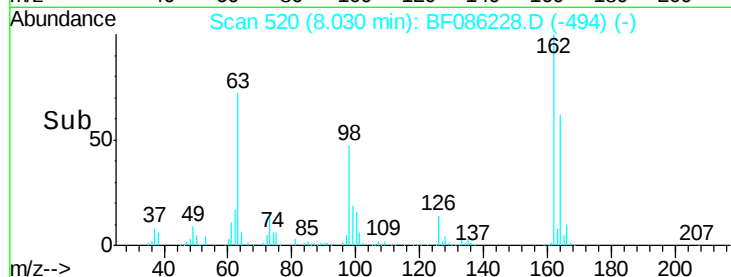
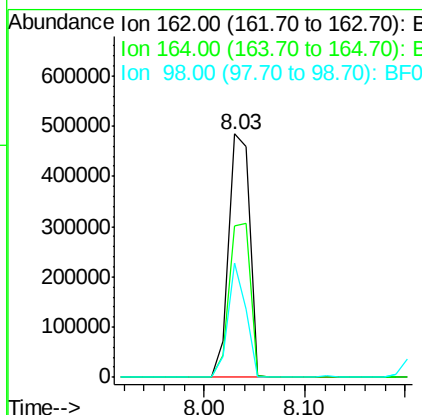
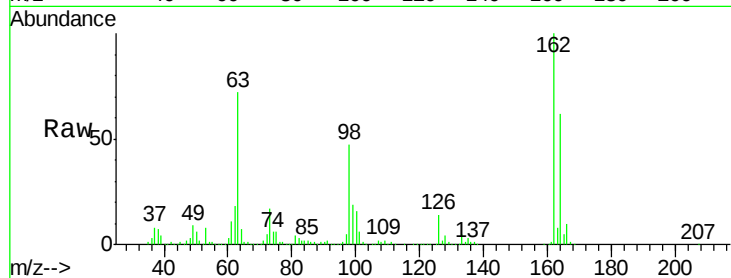




#29
 2,4-Dichlorophenol
 Concen: 49.16 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

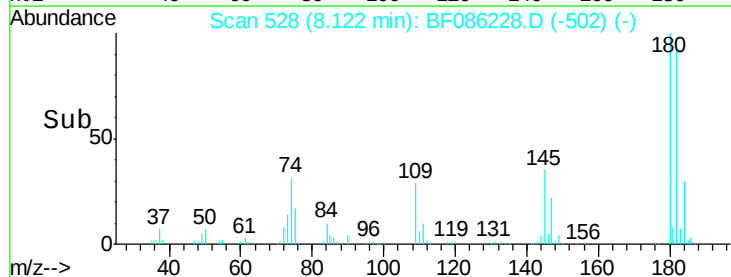
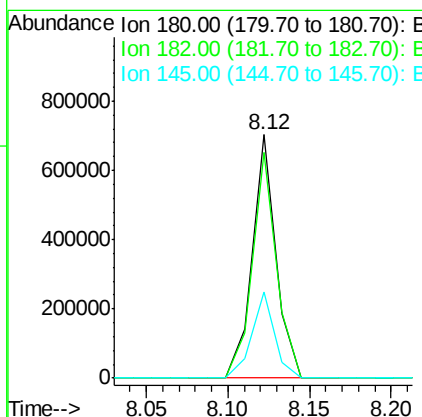
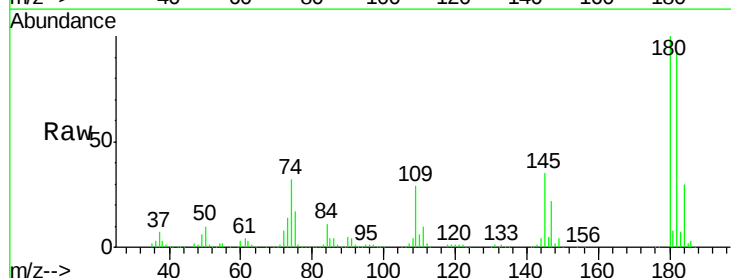
Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

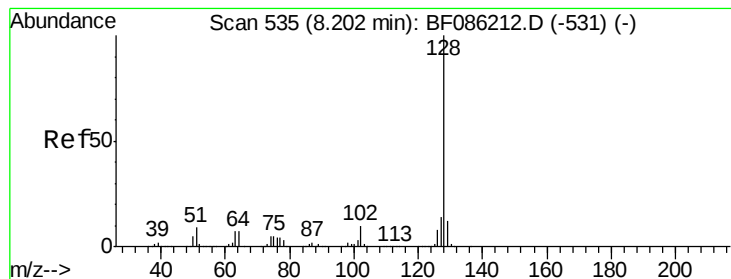
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.3	83.3
98	47.0	22.9	62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 47.23 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.3	114.5
145	35.3	27.4	41.2





#31

Naphthalene

Concen: 46.49 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

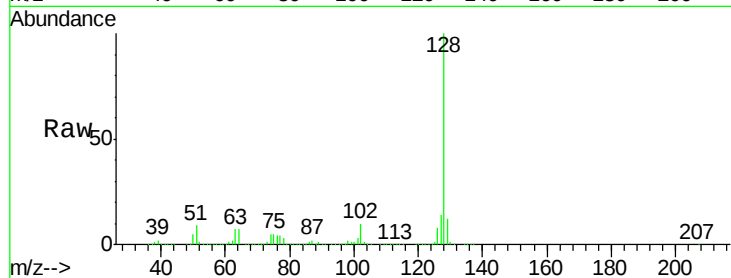
Tgt Ion:128 Resp: 2339516

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

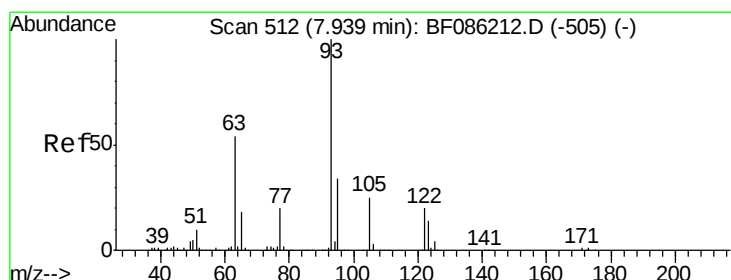
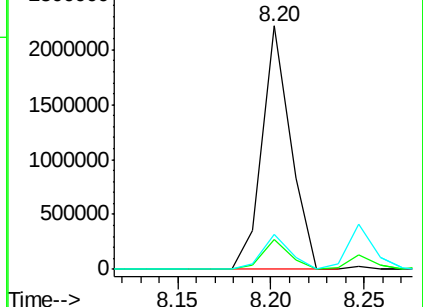
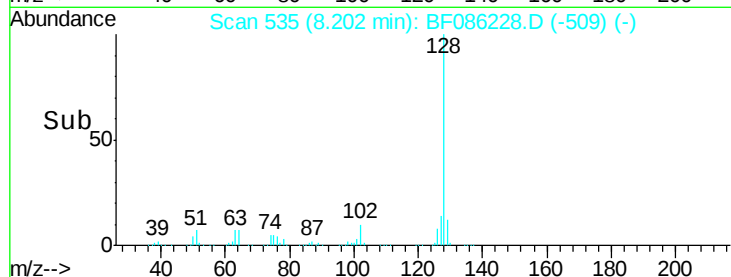
127 14.3 11.4 17.2



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: 16.55 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

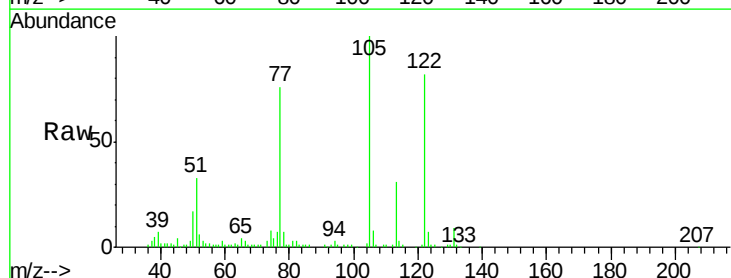
Tgt Ion:122 Resp: 199052

Ion Ratio Lower Upper

122 100

105 122.2 103.7 143.7

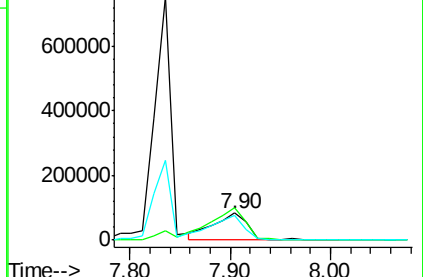
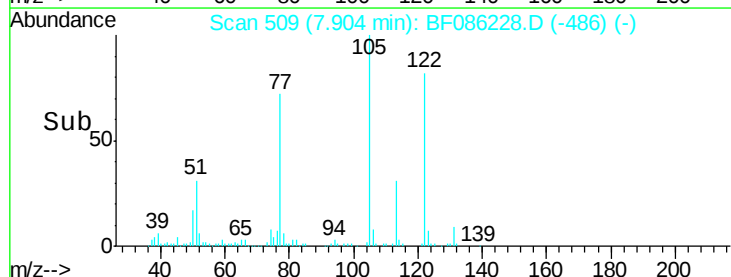
77 93.1 74.9 114.9

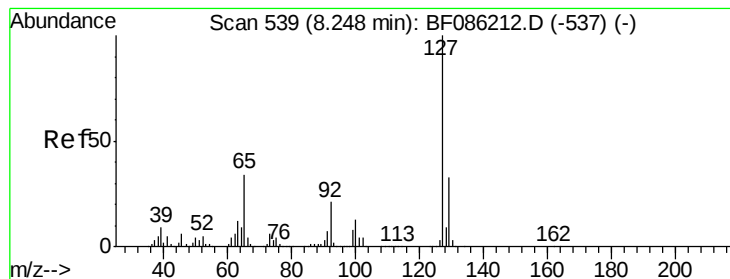


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.13 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tgt Ion:127 Resp: 407751

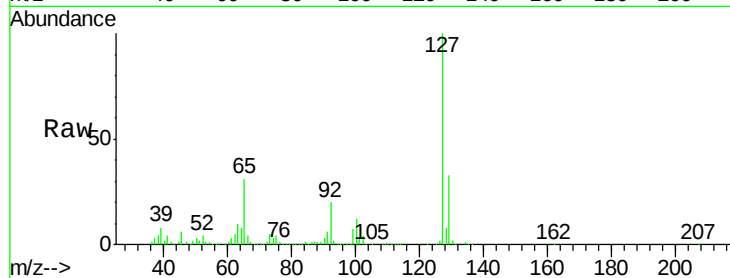
Ion Ratio Lower Upper

127 100

129 32.7 26.8 40.2

65 30.6 27.1 40.7

92 19.6 16.2 24.2

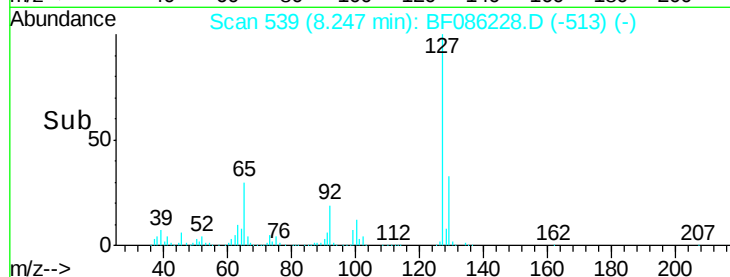


Abundance Ion 127.00 (126.70 to 127.70): E

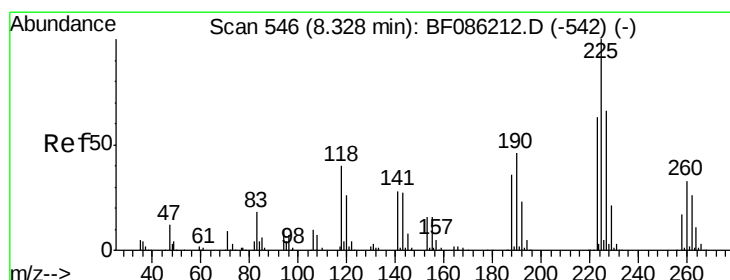
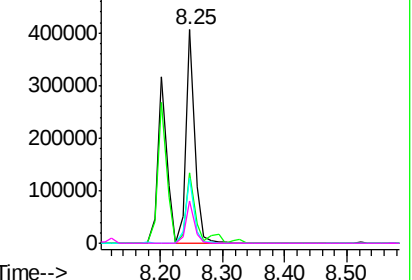
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 47.51 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

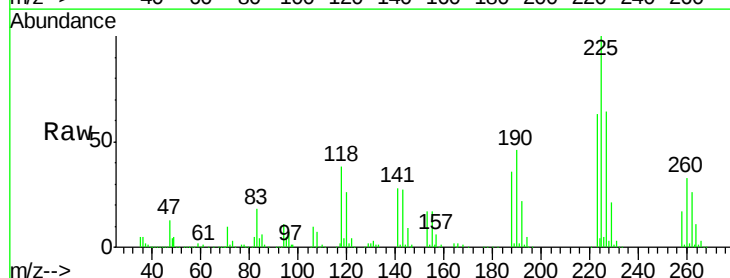
Tgt Ion:225 Resp: 356242

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.0

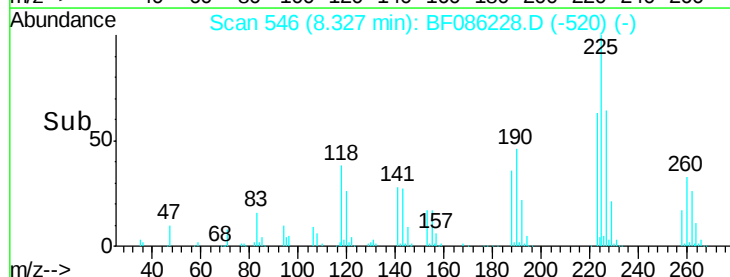
227 63.6 51.1 76.7



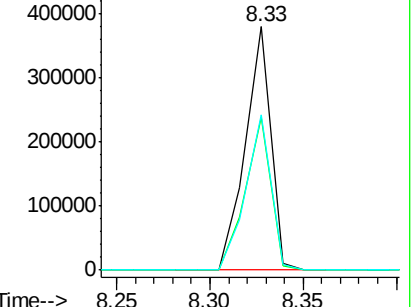
Abundance Ion 225.00 (224.70 to 225.70): E

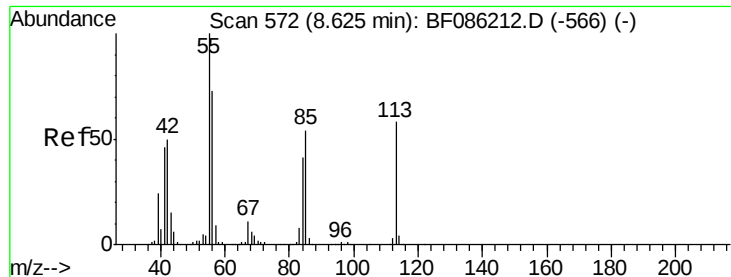
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 3.78 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

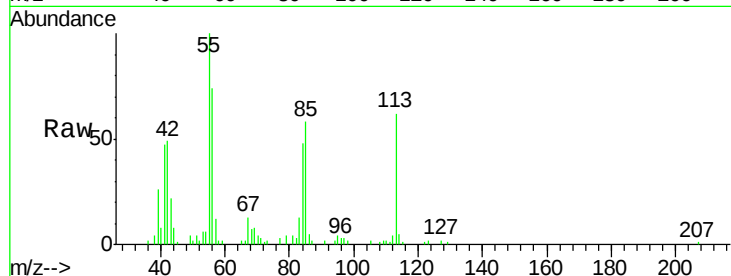
Tgt Ion:113 Resp: 19564

Ion Ratio Lower Upper

113 100

55 162.2 117.5 157.5#

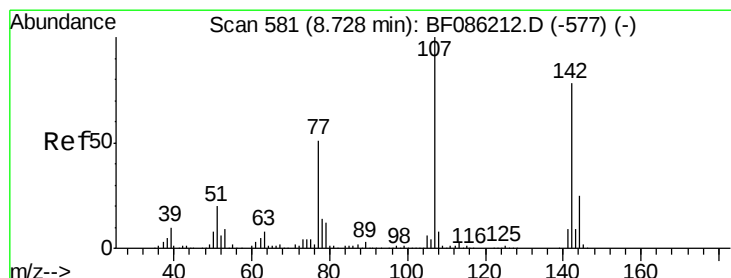
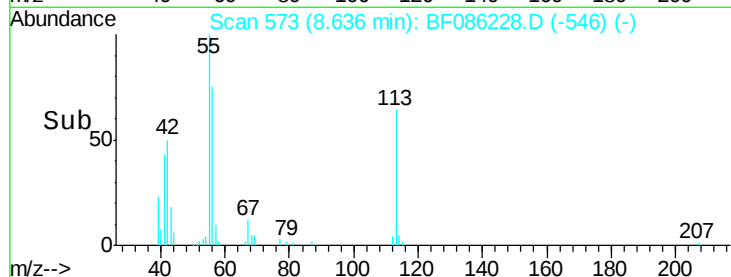
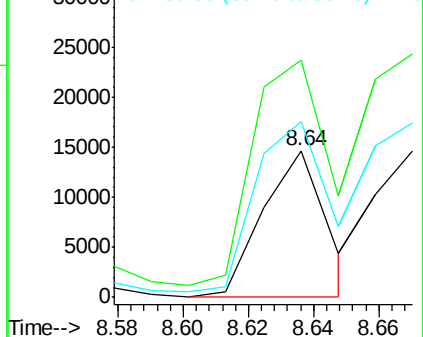
56 119.8 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.87 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

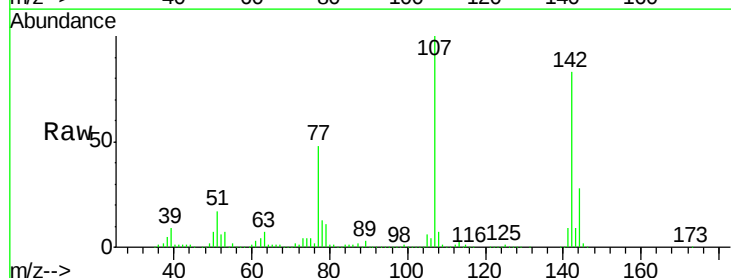
Tgt Ion:107 Resp: 793377

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

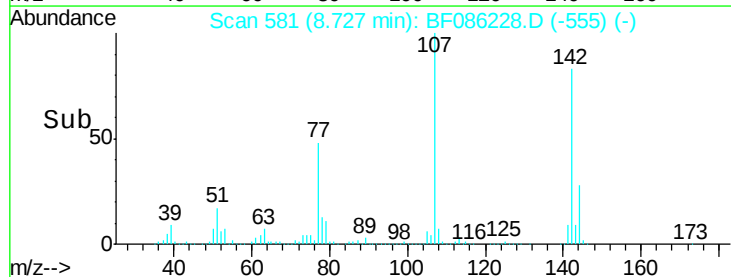
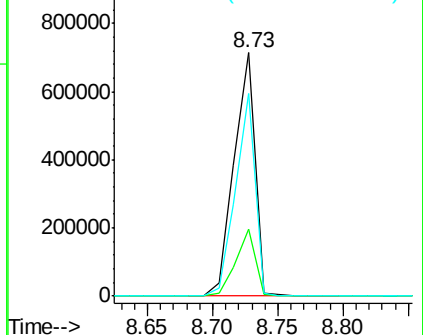
142 83.1 64.5 96.7

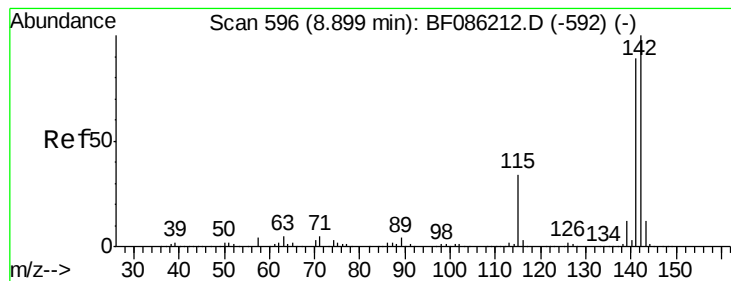


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.52 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

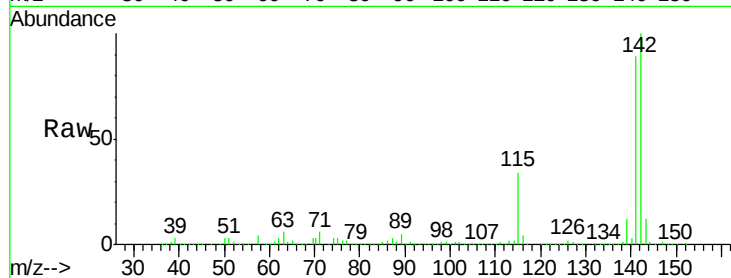
Tgt Ion:142 Resp: 1676594

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7

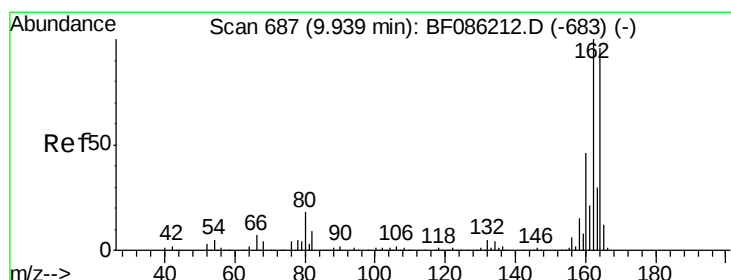
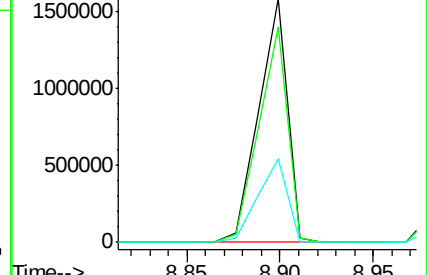
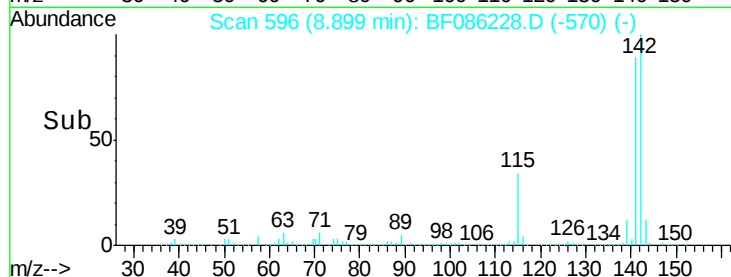
115 34.4 25.1 37.7



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: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

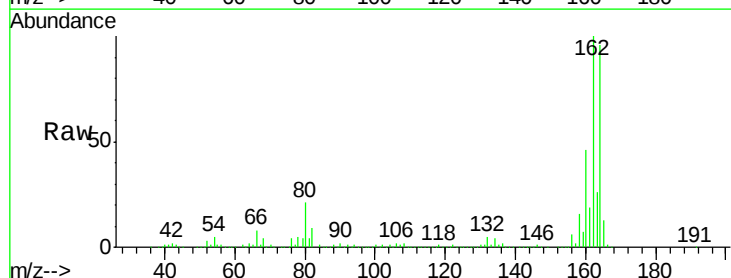
Tgt Ion:164 Resp: 512567

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

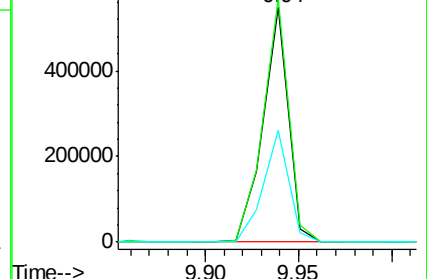
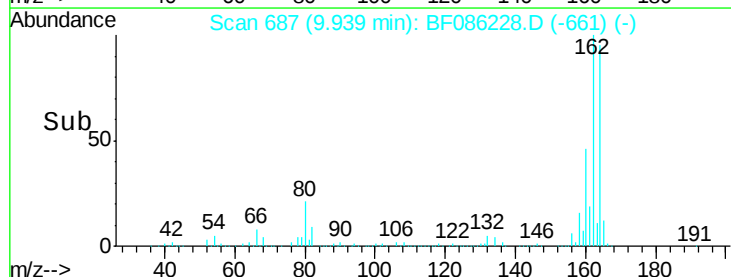
160 47.5 38.9 58.3

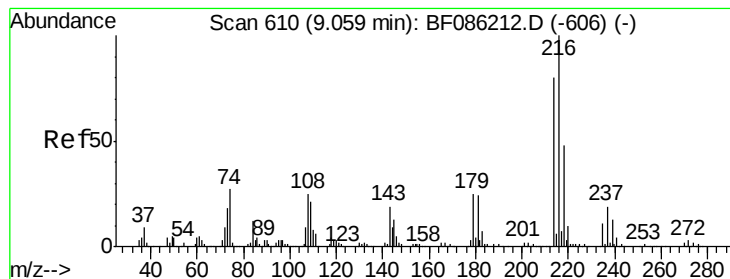


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.79 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tgt Ion:216 Resp: 511844

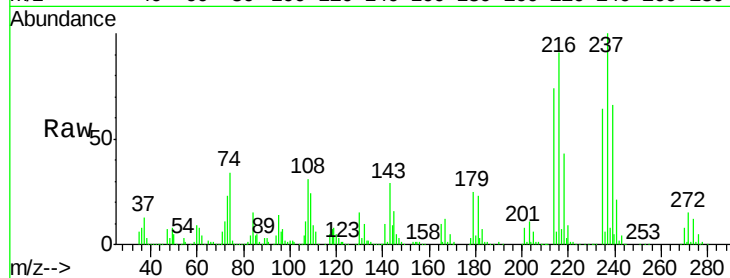
Ion Ratio Lower Upper

216 100

214 79.4 64.9 97.3

179 22.9 19.8 29.6

108 26.3 21.0 31.4

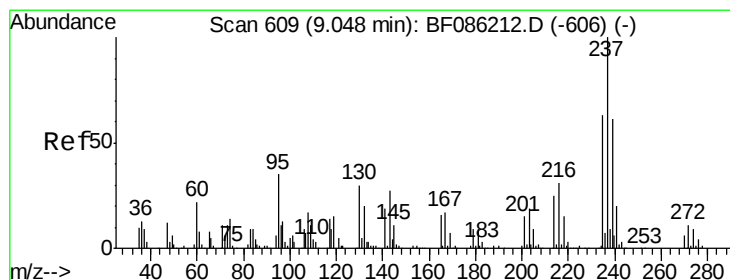
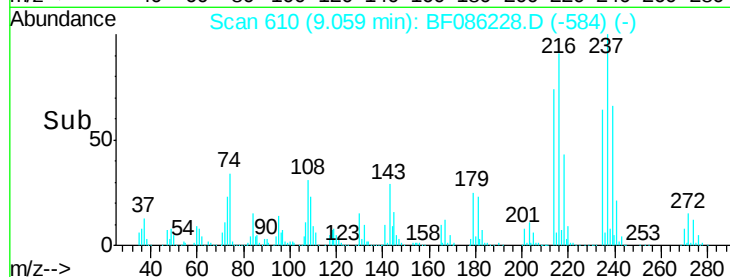
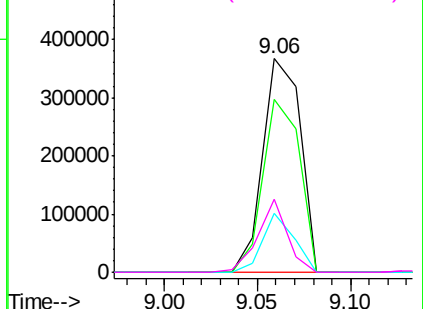


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 93.55 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

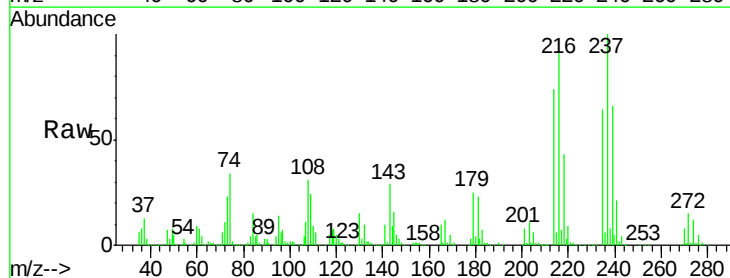
Tgt Ion:237 Resp: 565245

Ion Ratio Lower Upper

237 100

235 63.8 44.0 84.0

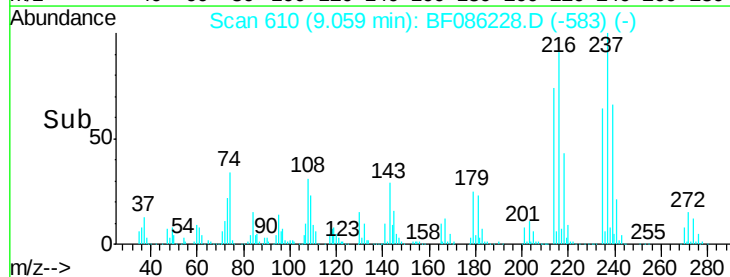
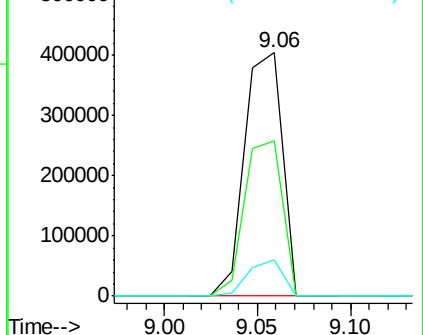
272 15.1 0.0 32.4

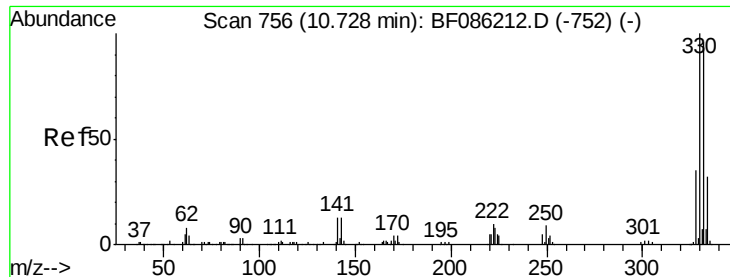


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

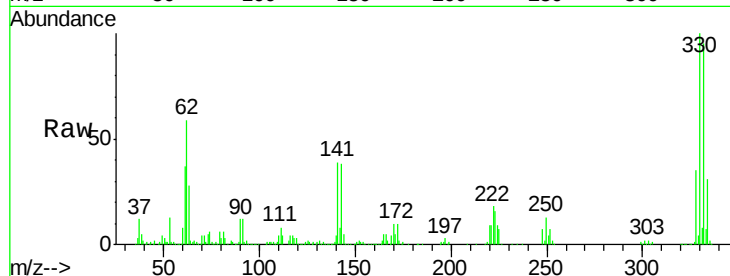




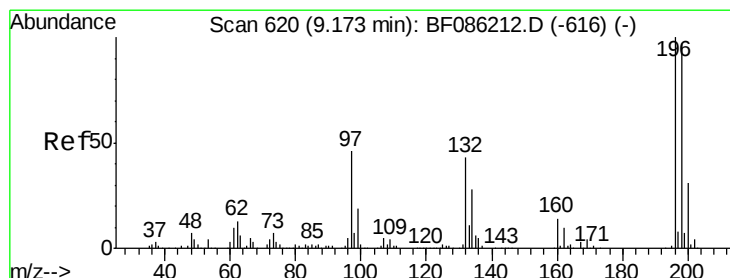
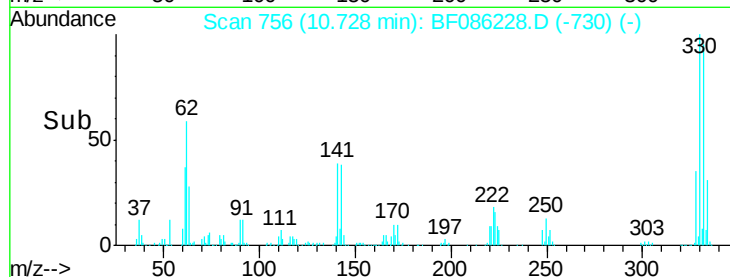
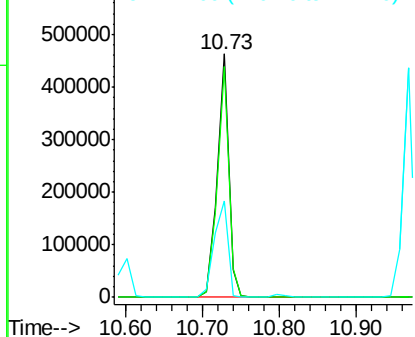
#41
 2,4,6-Tribromophenol
 Concen: 117.83 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tgt Ion:330 Resp: 484976
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.7 118.1
 141 45.9 28.6 42.8#

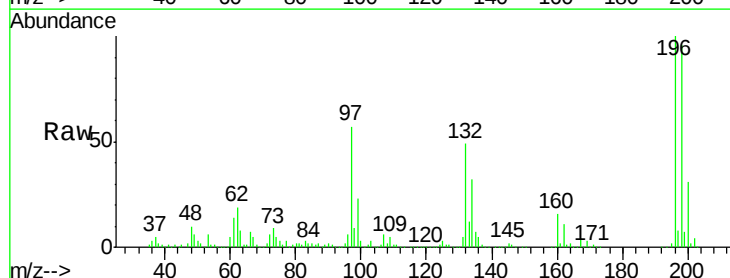


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

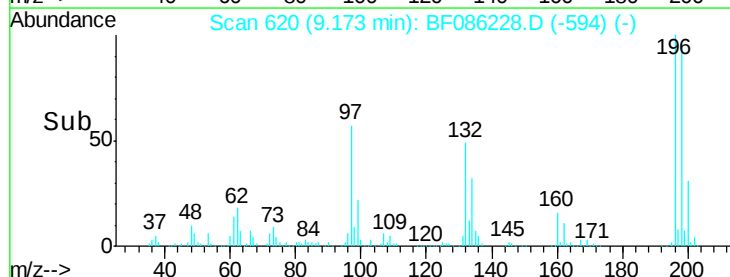
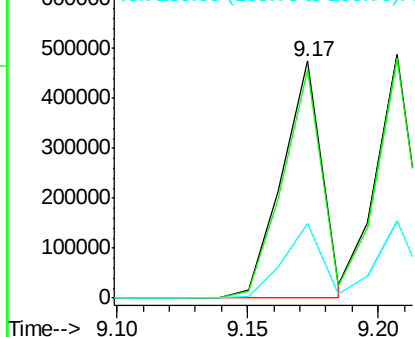


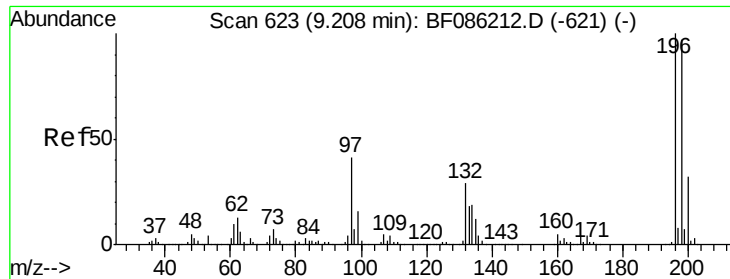
#42
 2,4,6-Trichlorophenol
 Concen: 49.42 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion:196 Resp: 498998
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 31.4 25.3 37.9



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

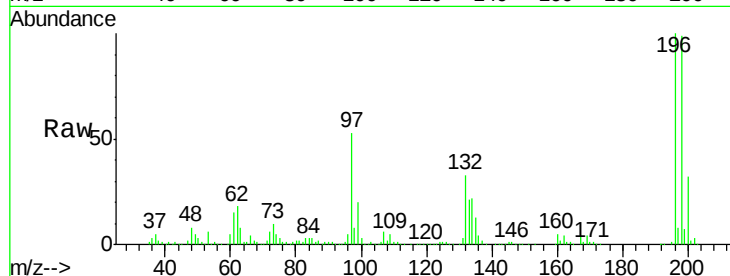




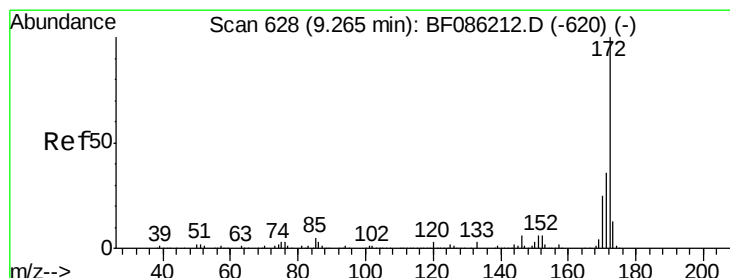
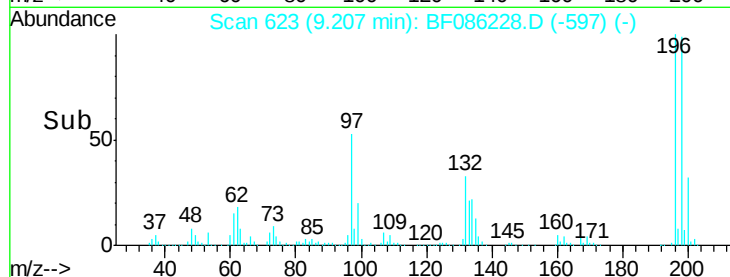
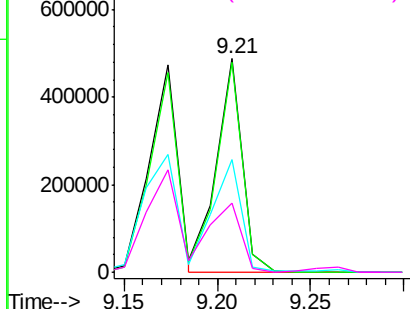
#43
 2,4,5-Trichlorophenol
 Concen: 48.08 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tgt Ion:196 Resp: 468933
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.7 116.5
 97 52.9 32.6 48.8#
 132 32.5 21.4 32.0#

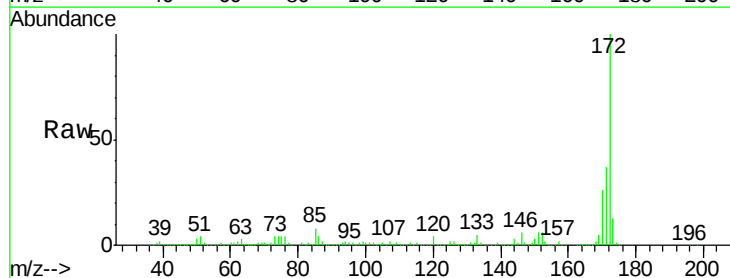


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

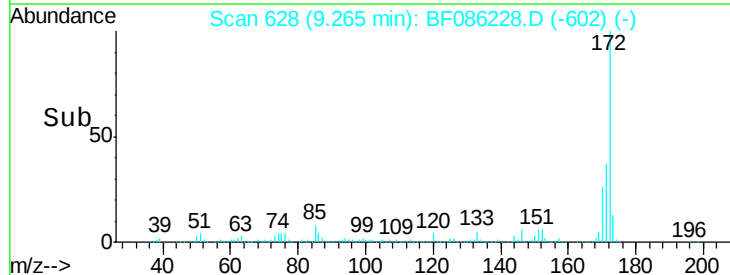
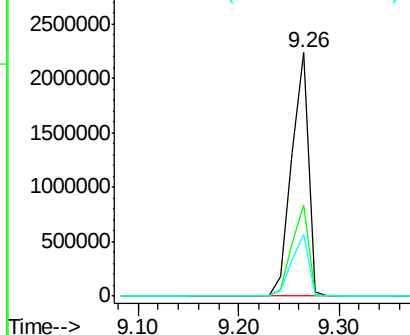


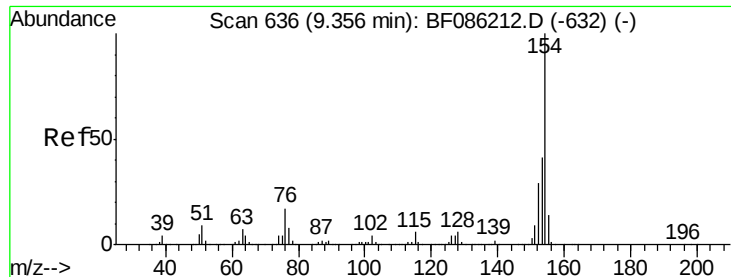
#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion:172 Resp: 2590176
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.1 43.7
 170 25.6 19.9 29.9



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

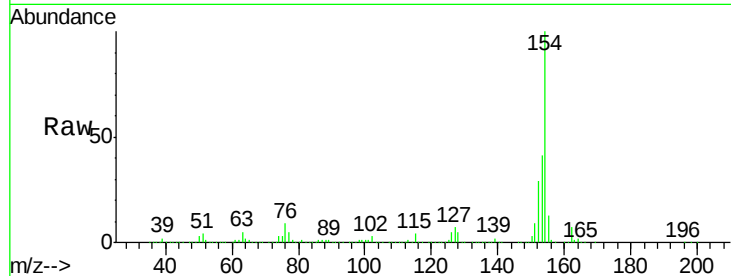




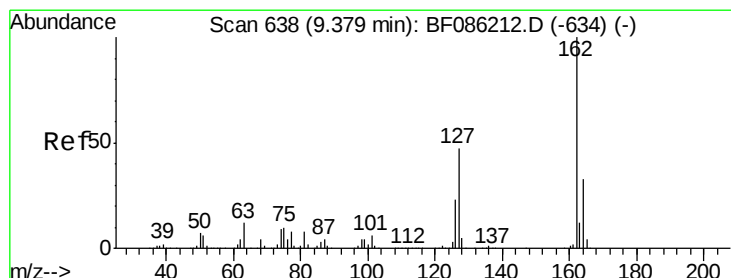
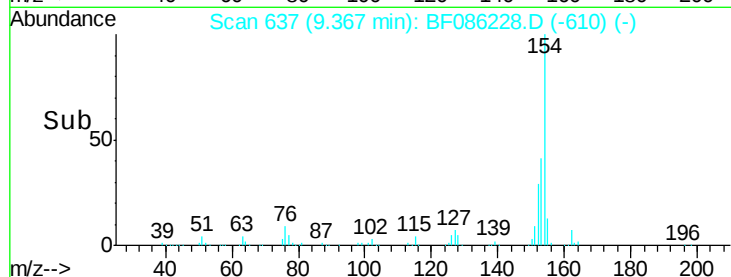
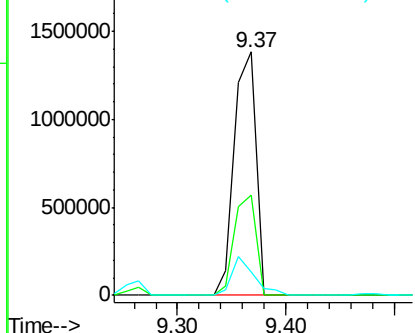
#45
 1,1'-Biphenyl
 Concen: 50.90 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tgt Ion:154 Resp: 1878223
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 9.4 0.0 36.4

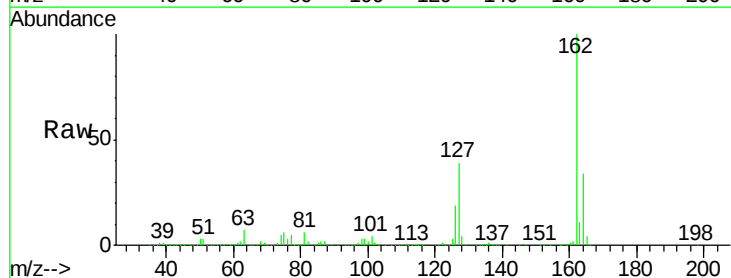


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

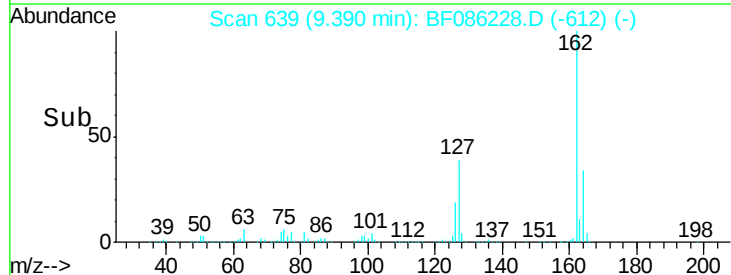
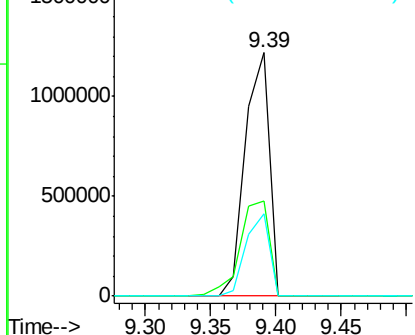


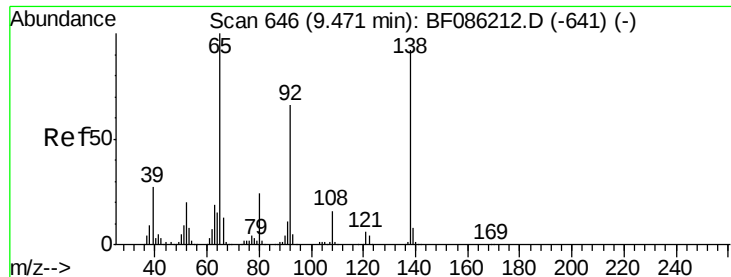
#46
 2-Chloronaphthalene
 Concen: 51.75 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion:162 Resp: 1559037
 Ion Ratio Lower Upper
 162 100
 127 39.1 36.7 55.1
 164 33.8 26.4 39.6



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

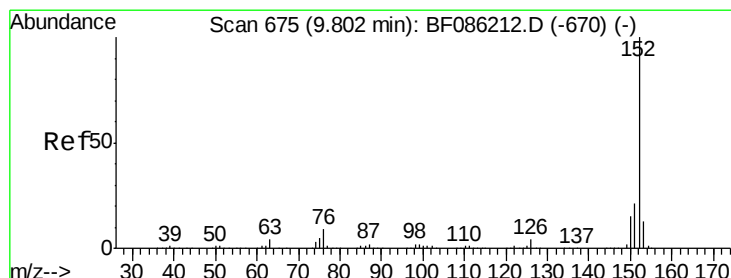
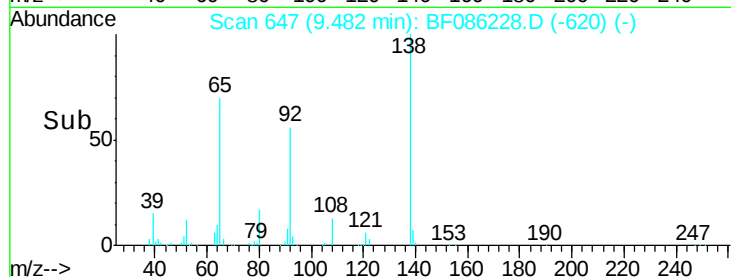
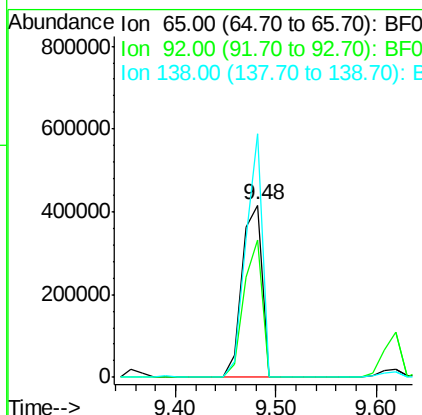
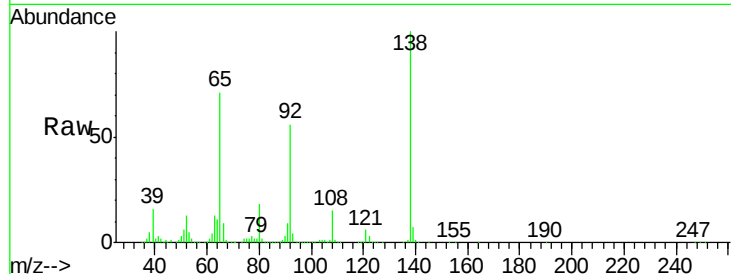




#47
2-Nitroaniline
Concen: 58.73 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

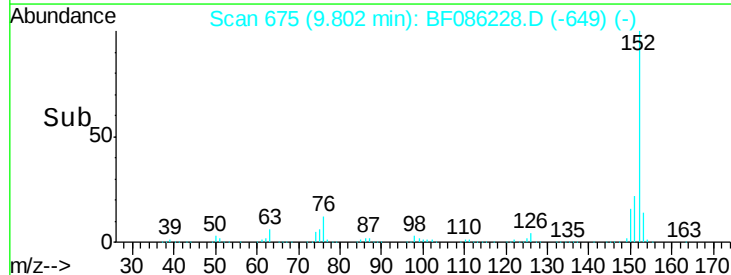
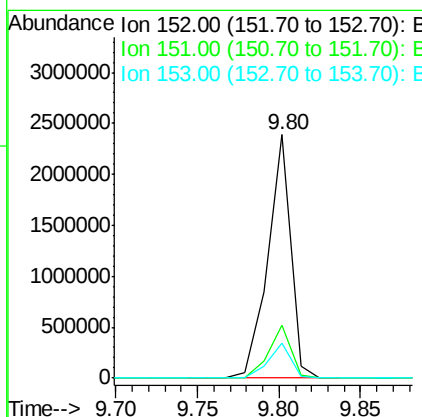
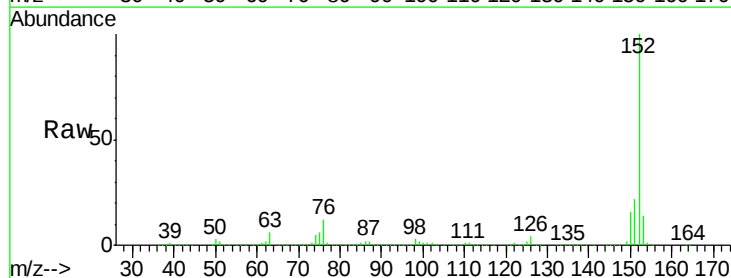
Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

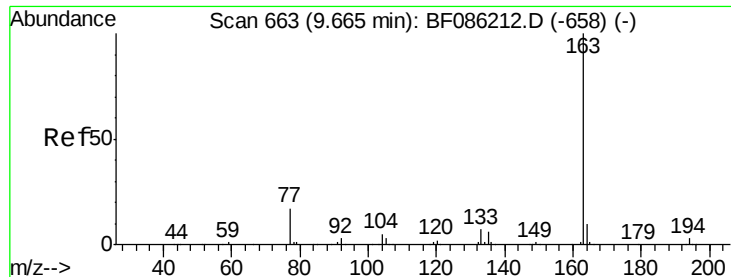
Tgt Ion: 65 Resp: 573144
Ion Ratio Lower Upper
65 100
92 79.9 51.9 77.9#
138 141.6 72.6 108.8#



#48
Acenaphthylene
Concen: 48.75 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion: 152 Resp: 2336701
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 14.2 10.7 16.1

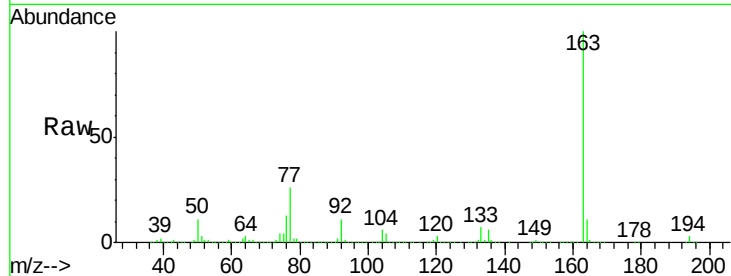




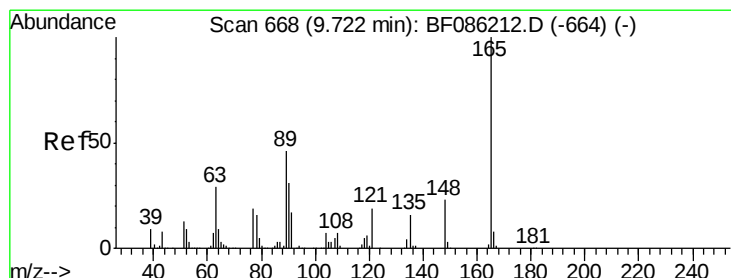
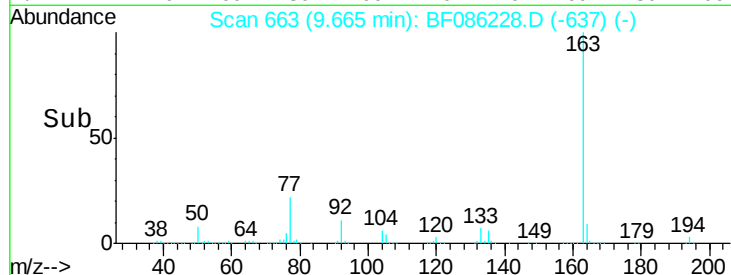
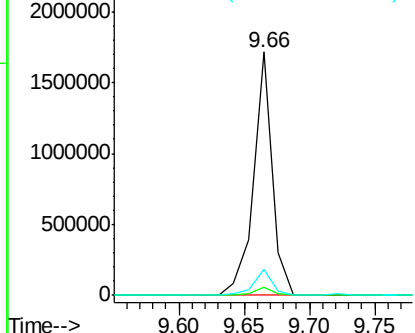
#49
Dimethylphthalate
Concen: 46.16 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tgt Ion:163 Resp: 1720478
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.9 8.4 12.6

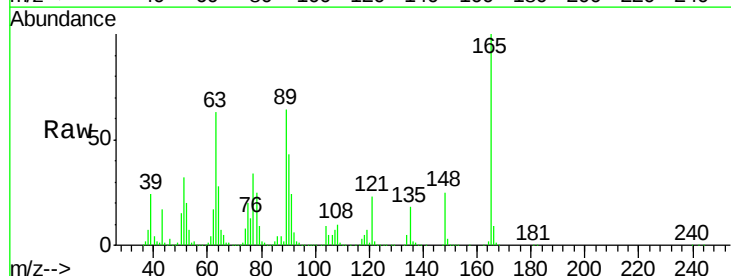


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

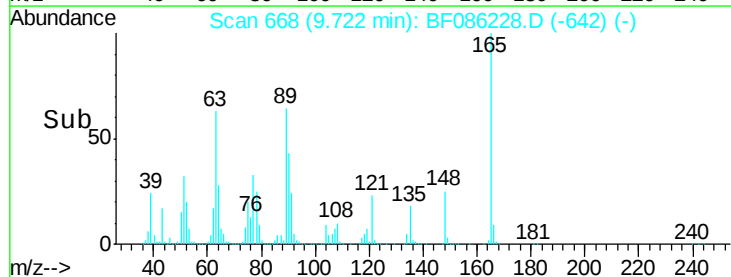
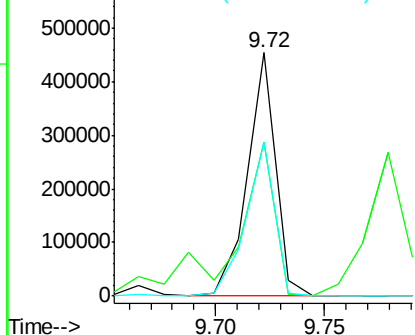


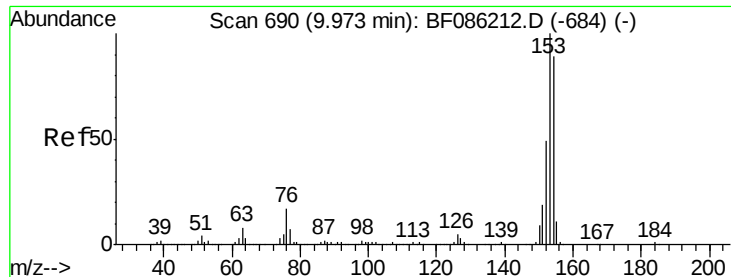
#50
2,6-Dinitrotoluene
Concen: 49.58 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:165 Resp: 408875
Ion Ratio Lower Upper
165 100
63 63.3 35.1 52.7#
89 63.5 39.8 59.6#



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: 55.92 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

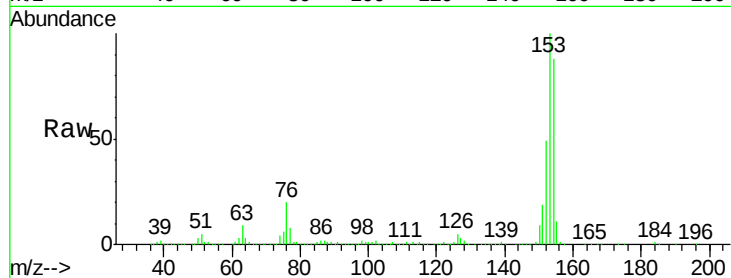
Tgt Ion:154 Resp: 1601208

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

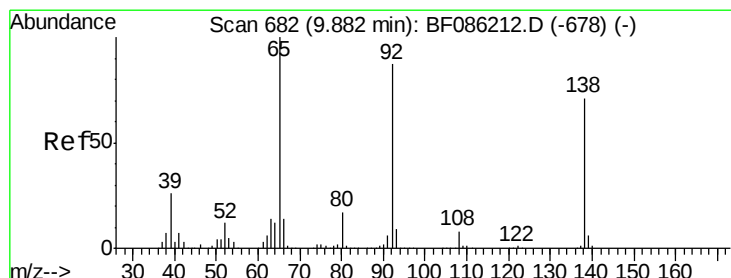
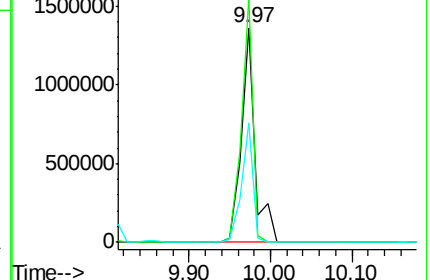
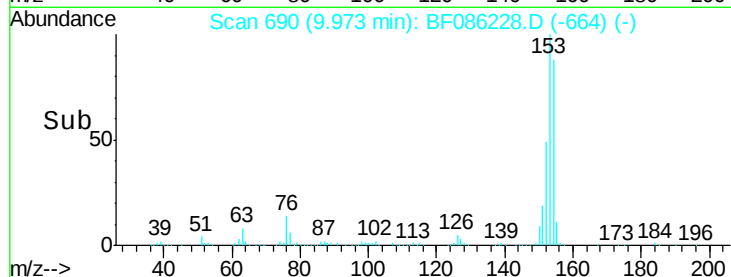
152 55.7 44.3 66.5



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: 19.47 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

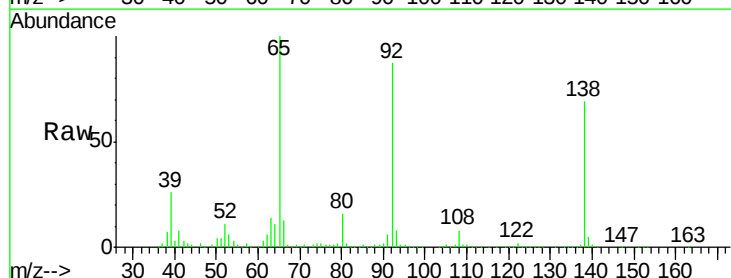
Tgt Ion:138 Resp: 195143

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

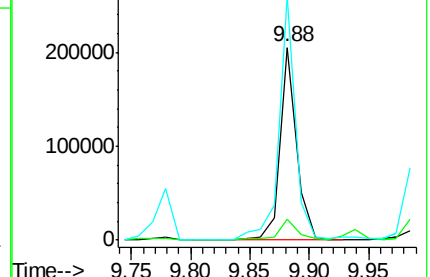
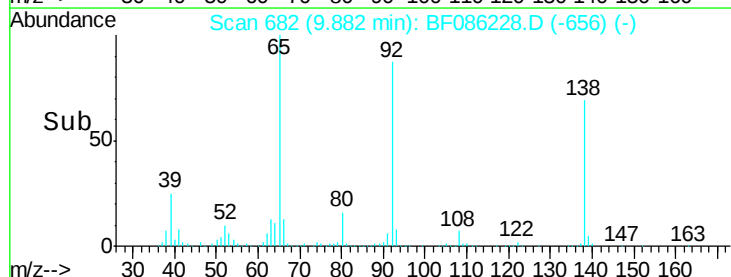
92 126.3 99.3 148.9

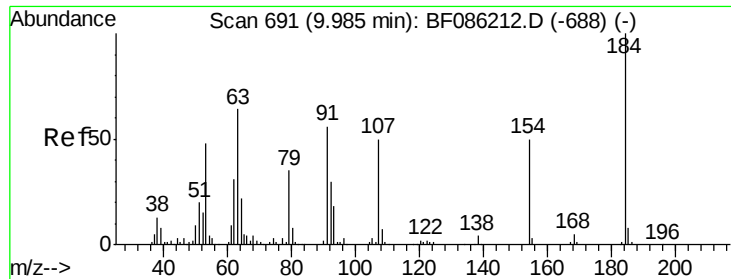


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

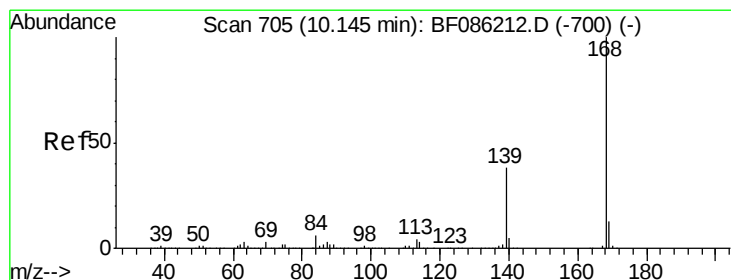
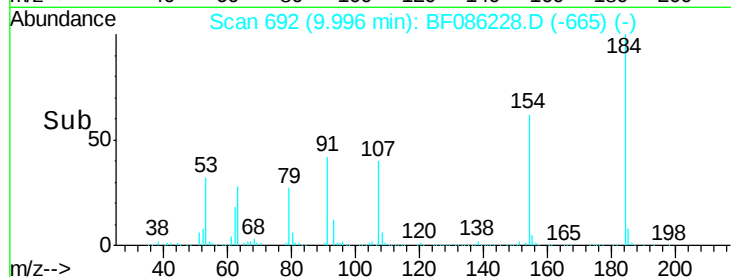
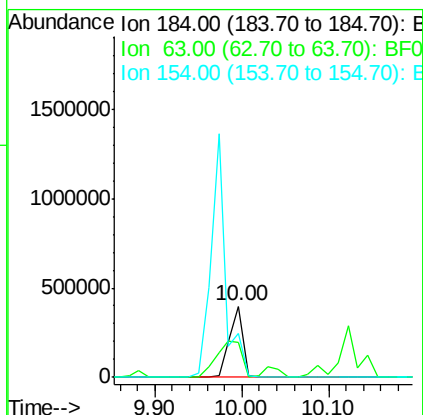
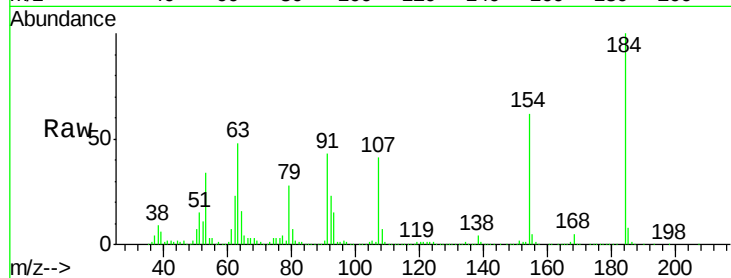




#53
2,4-Dinitrophenol
Concen: 136.42 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

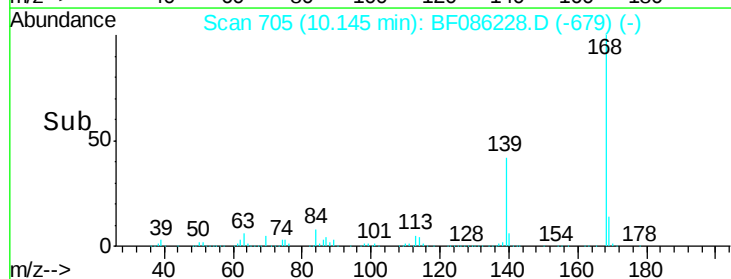
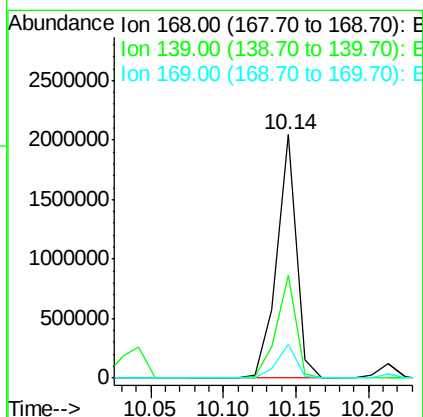
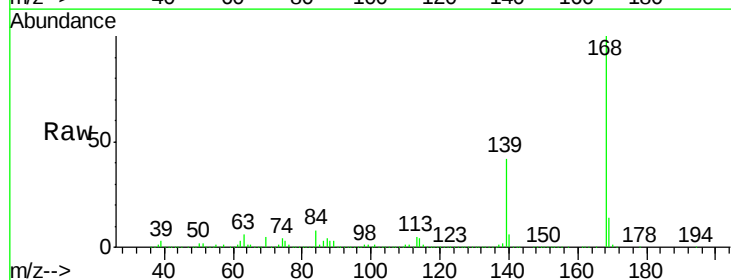
Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

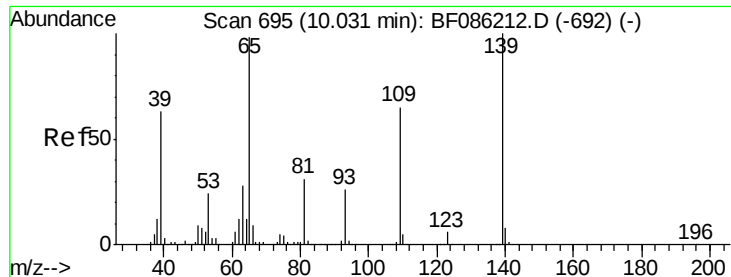
Tgt Ion:184 Resp: 426297
Ion Ratio Lower Upper
184 100
63 48.3 64.7 97.1#
154 62.4 59.4 89.2



#54
Dibenzofuran
Concen: 50.70 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:168 Resp: 1917475
Ion Ratio Lower Upper
168 100
139 42.4 29.5 44.3
169 14.1 10.6 16.0

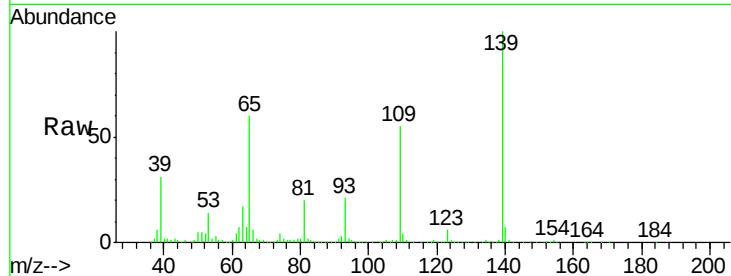




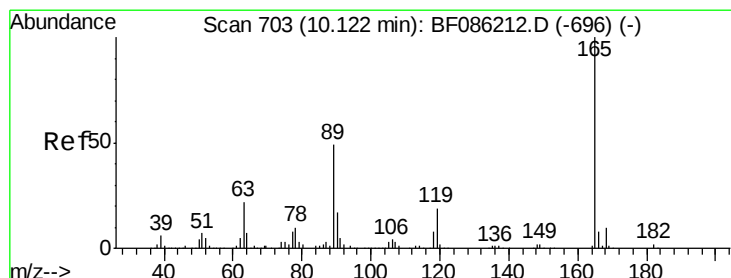
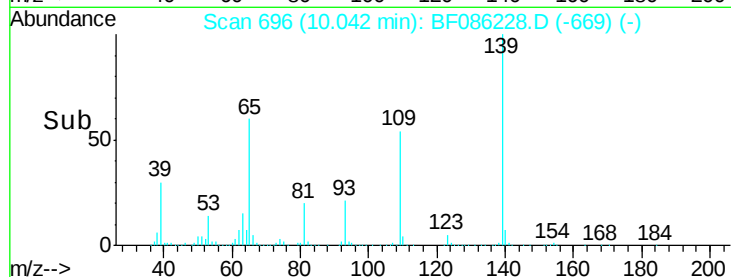
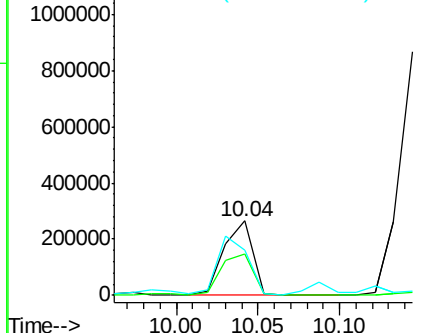
#55
4-Nitrophenol
Concen: 40.81 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tgt Ion:139 Resp: 319953
Ion Ratio Lower Upper
139 100
109 54.8 55.0 95.0#
65 60.2 87.3 127.3#

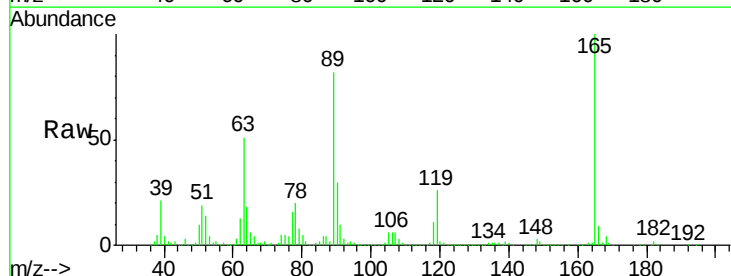


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

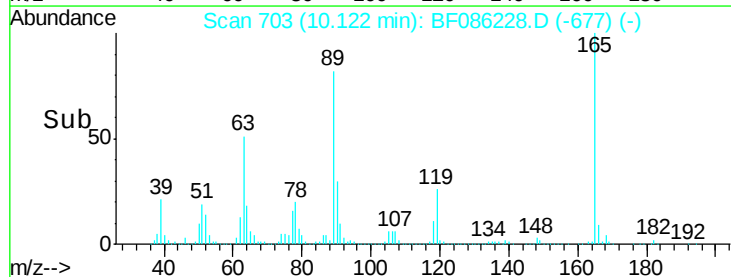
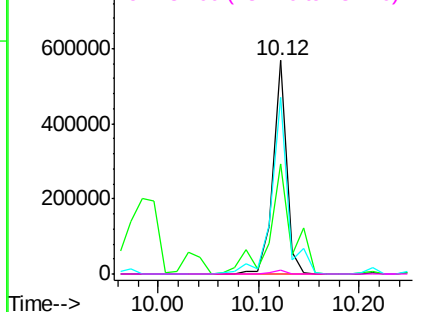


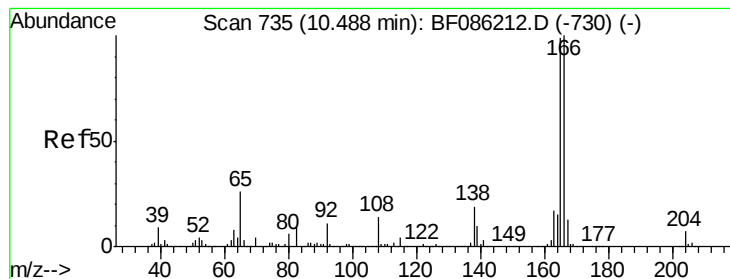
#56
2,4-Dinitrotoluene
Concen: 49.97 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:165 Resp: 527543
Ion Ratio Lower Upper
165 100
63 51.4 26.6 40.0#
89 82.5 49.5 74.3#
182 1.9 1.9 2.9



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: 53.81 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

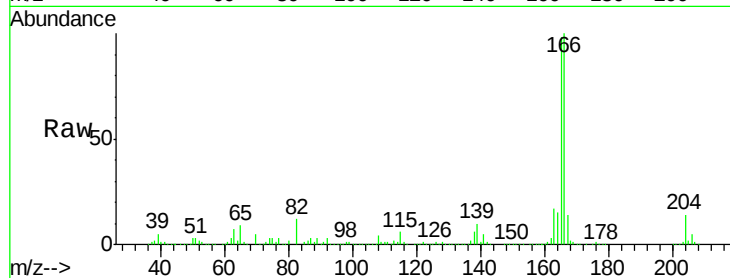
Tgt Ion:166 Resp: 1371845

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

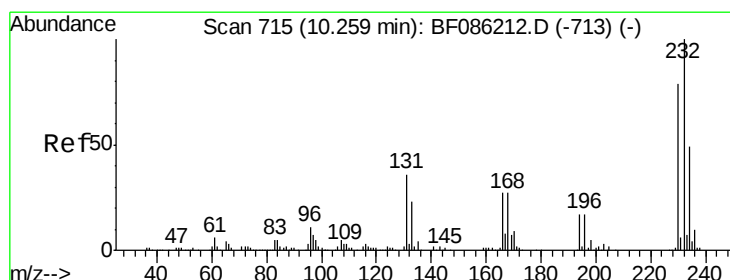
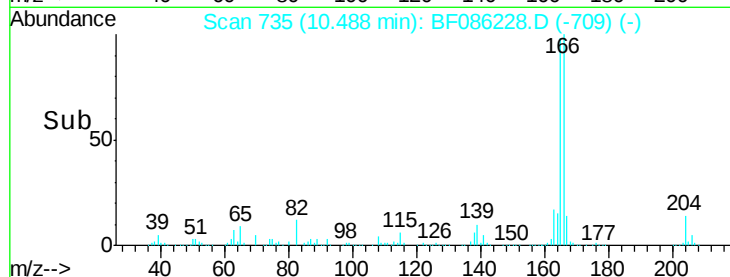
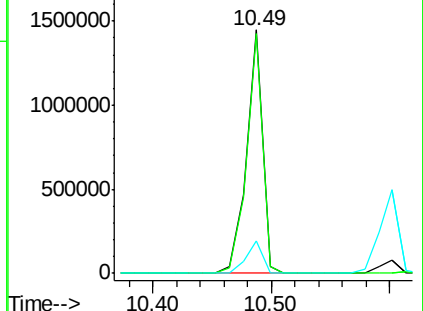
167 13.6 10.4 15.6



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: 53.23 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:232 Resp: 377107

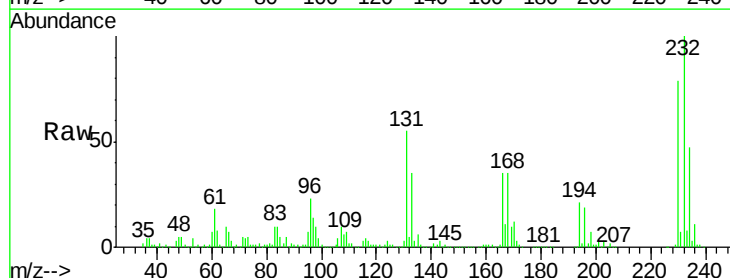
Ion Ratio Lower Upper

232 100

131 60.6 46.6 70.0

130 3.3 2.5 3.7

166 37.3 28.3 42.5

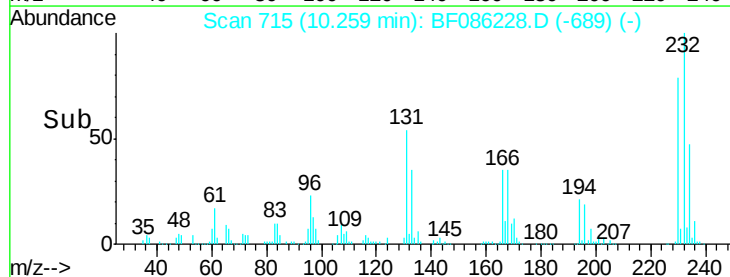
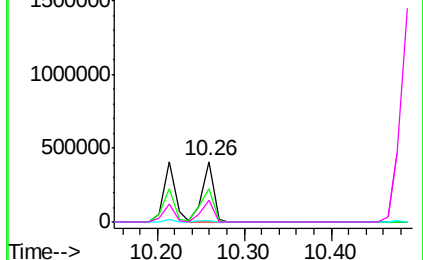


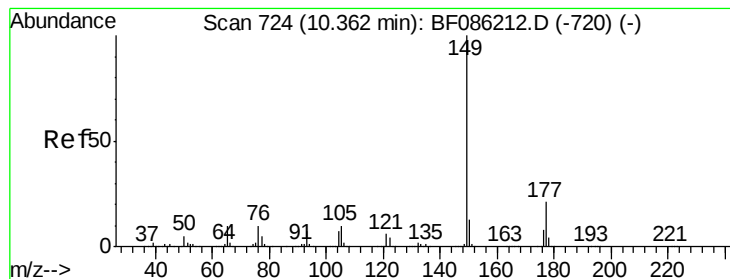
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.06 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

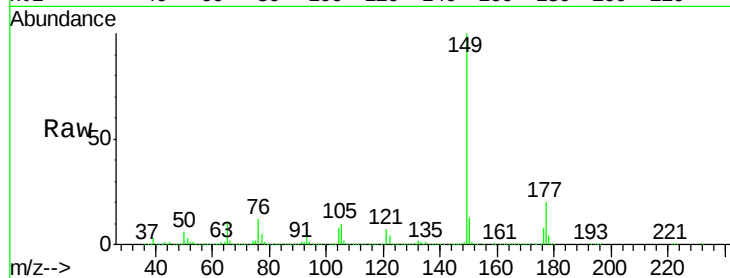
Tgt Ion:149 Resp: 1810334

Ion Ratio Lower Upper

149 100

177 20.0 17.0 25.6

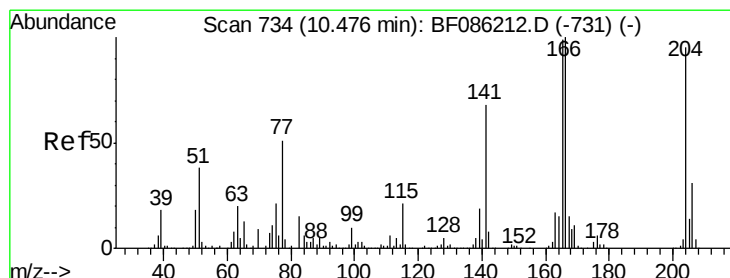
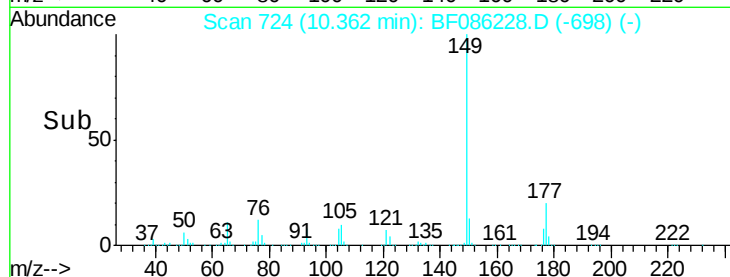
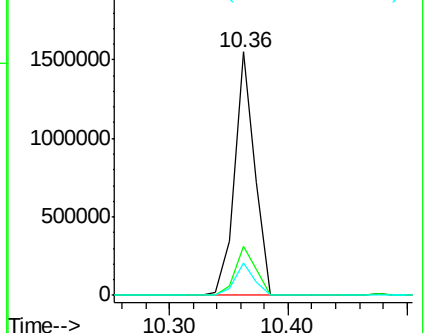
150 13.1 10.2 15.4



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: 52.35 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

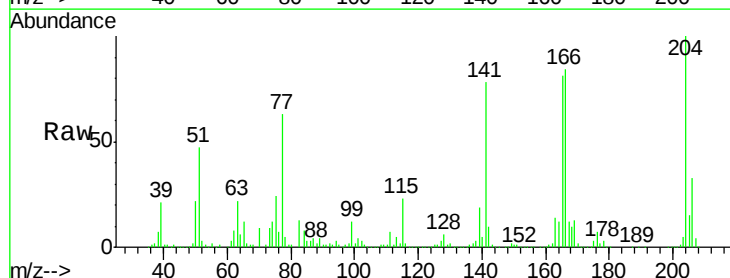
Tgt Ion:204 Resp: 543812

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

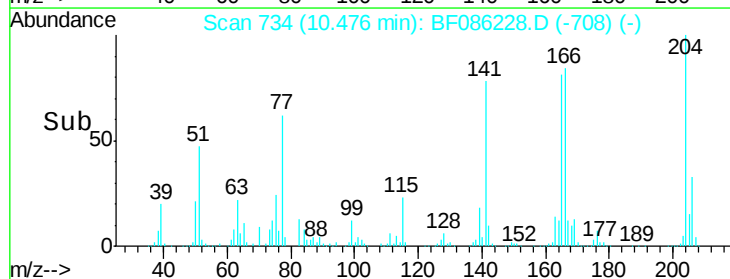
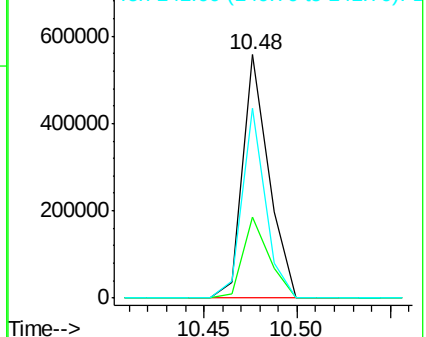
141 78.1 55.4 83.0

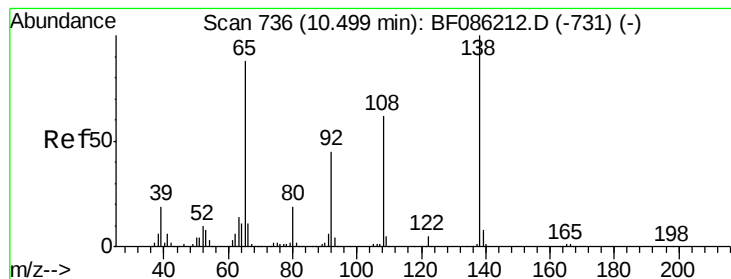


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.30 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

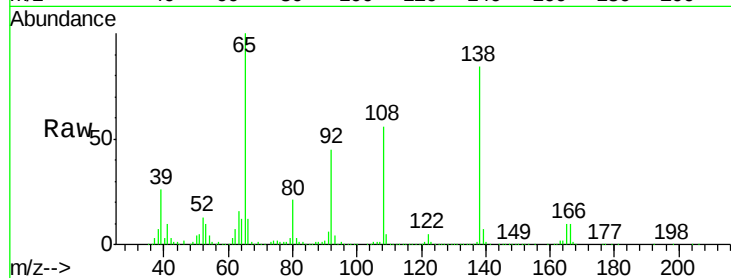
Tgt Ion:138 Resp: 366374

Ion Ratio Lower Upper

138 100

92 53.4 31.9 71.9

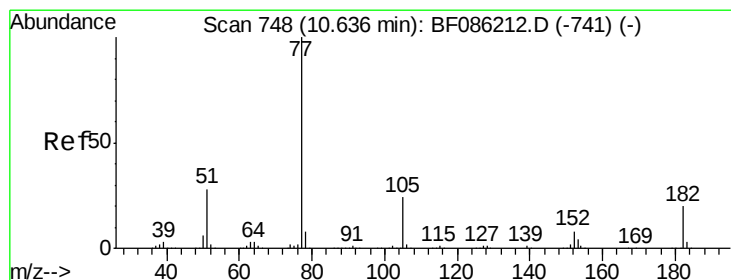
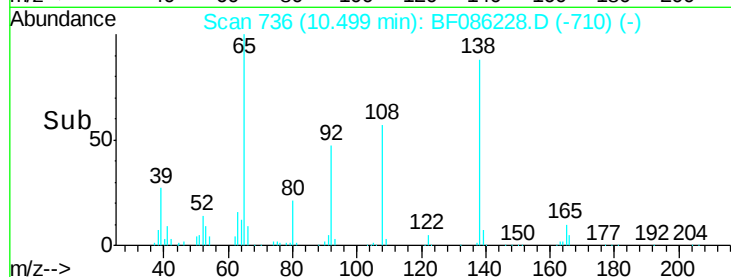
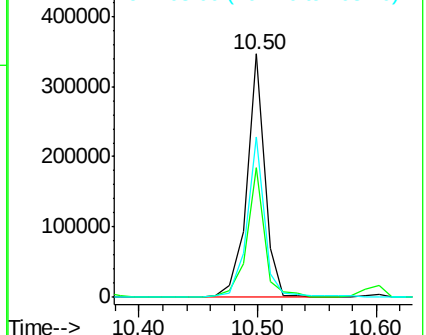
108 66.1 58.7 98.7



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: 52.47 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion: 77 Resp: 1974981

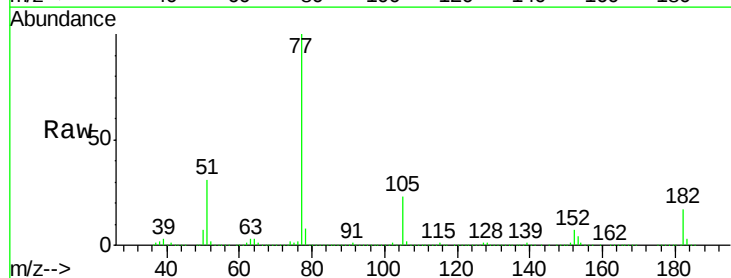
Ion Ratio Lower Upper

77 100

182 17.5 2.3 42.3

105 23.4 3.4 43.4

51 31.2 11.7 51.7

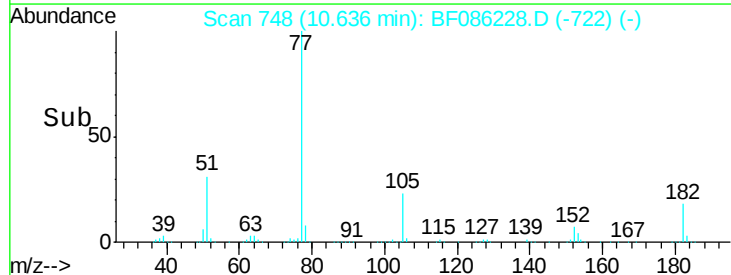
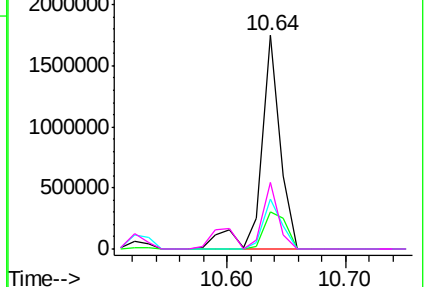


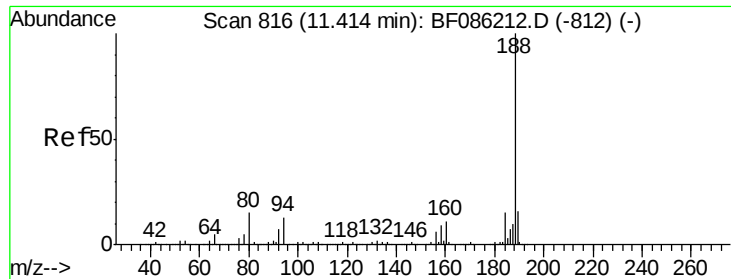
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

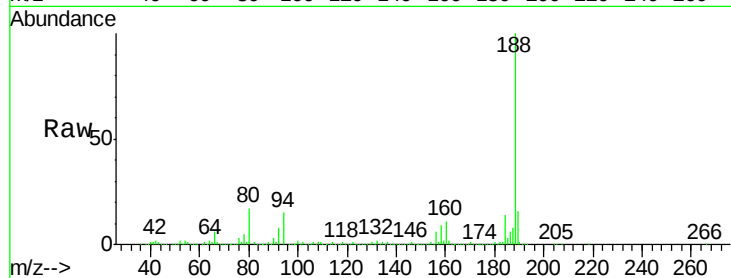
Tgt Ion:188 Resp: 883701

Ion Ratio Lower Upper

188 100

94 15.2 9.8 14.8#

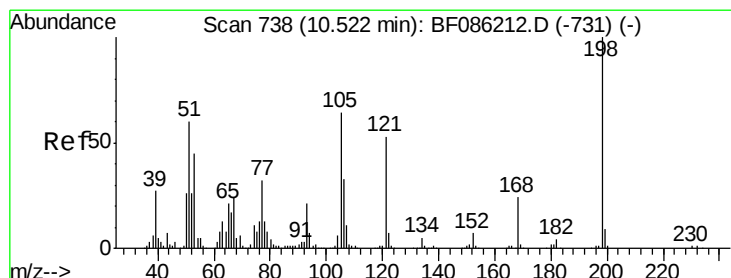
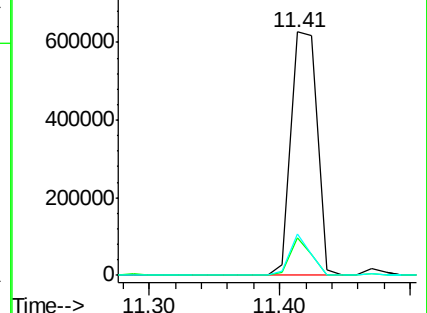
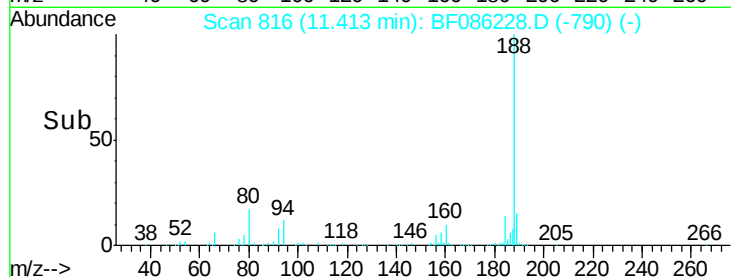
80 17.1 10.5 15.7#



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: 67.98 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

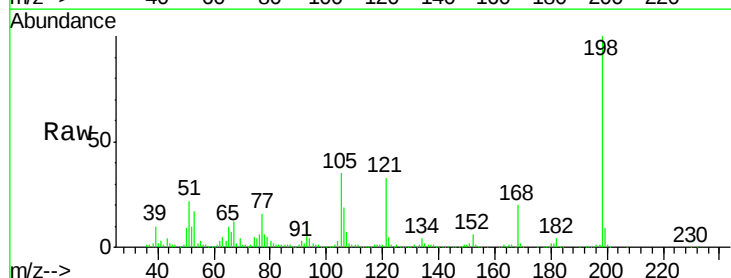
Tgt Ion:198 Resp: 285906

Ion Ratio Lower Upper

198 100

51 21.8 56.5 96.5#

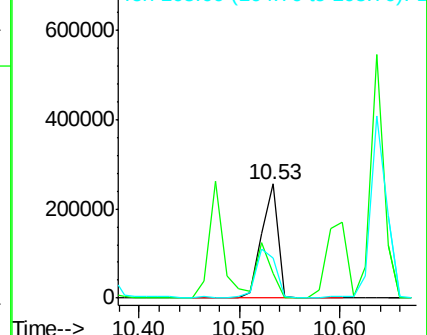
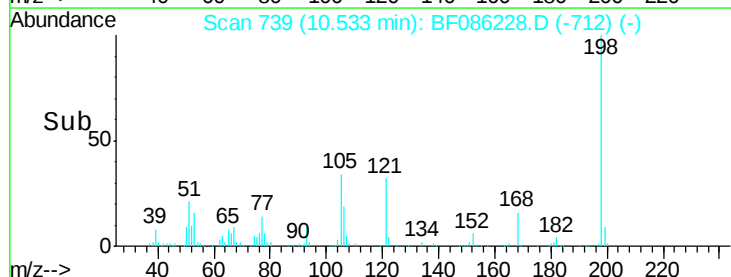
105 35.1 48.0 88.0#

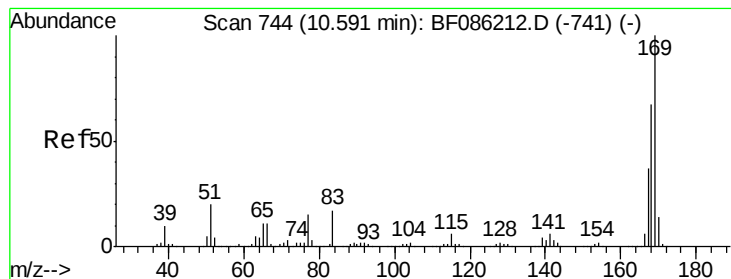


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.30 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

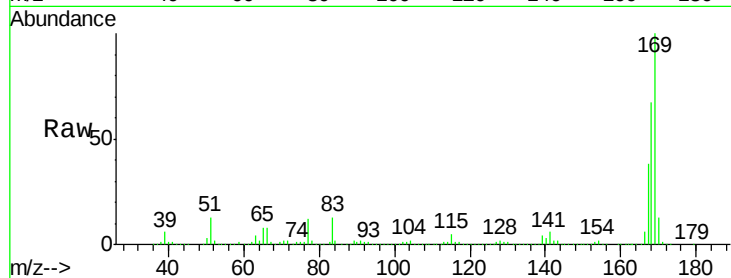
Tgt Ion:169 Resp: 1442536

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

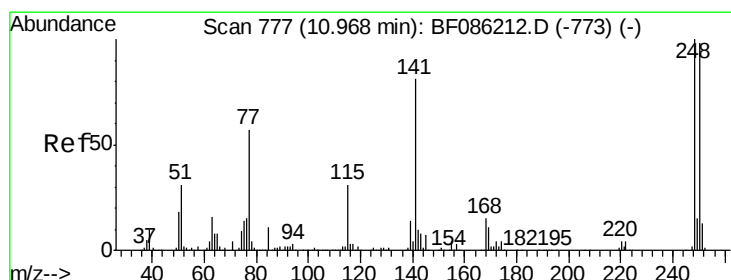
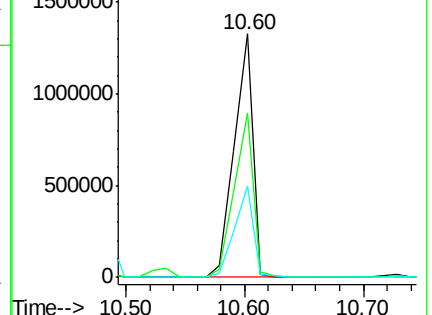
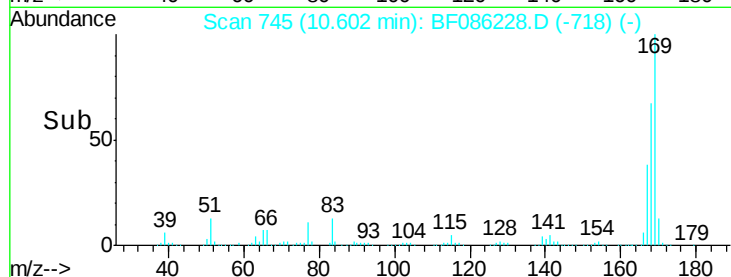
167 37.6 30.2 45.2



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: 47.20 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

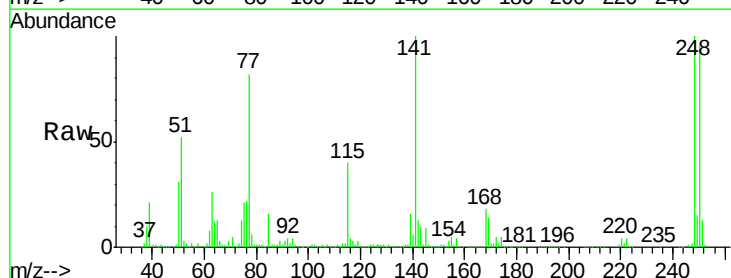
Tgt Ion:248 Resp: 388771

Ion Ratio Lower Upper

248 100

250 96.7 78.6 118.0

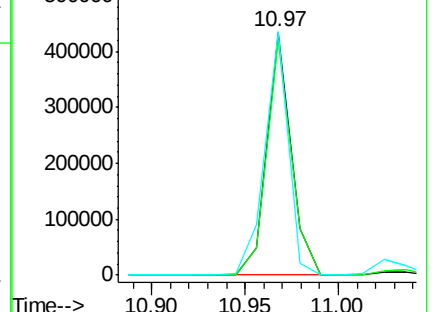
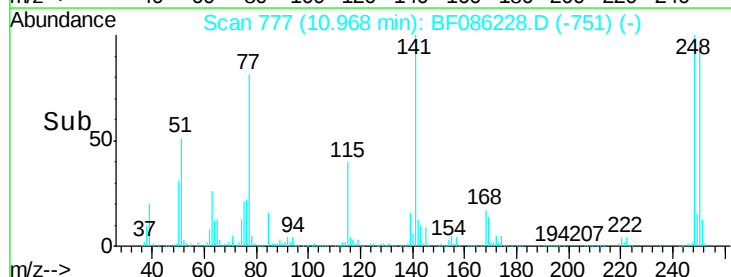
141 100.5 57.9 86.9#

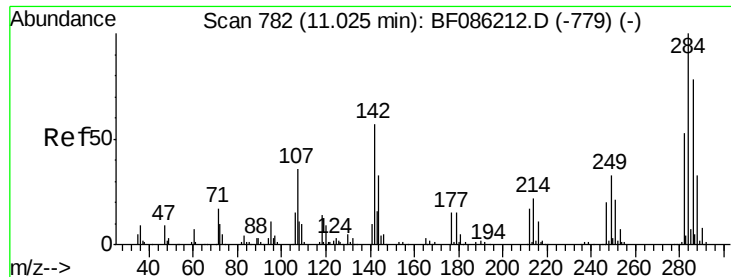


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

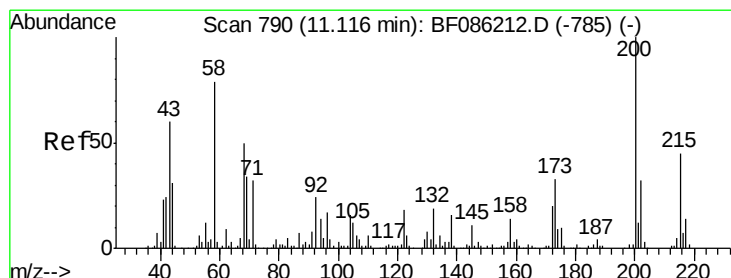
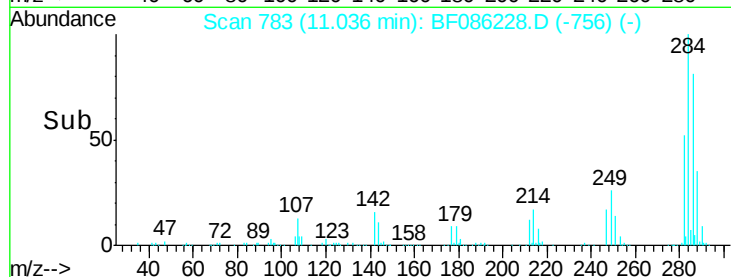
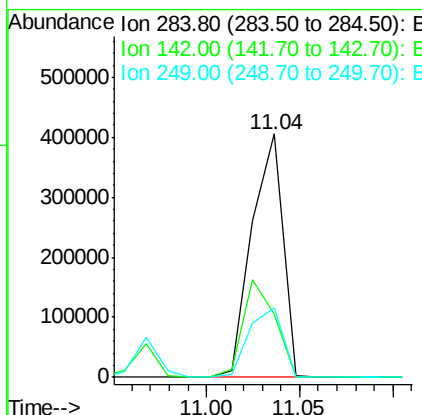
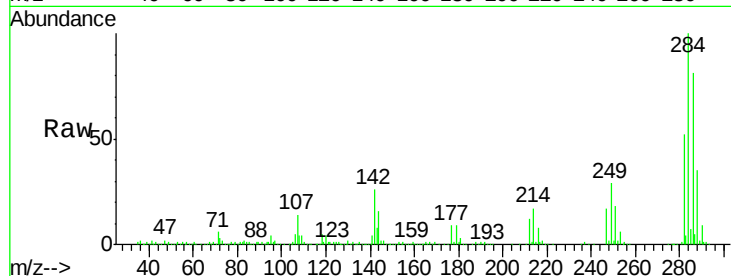




#67
Hexachlorobenzene
Concen: 54.18 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

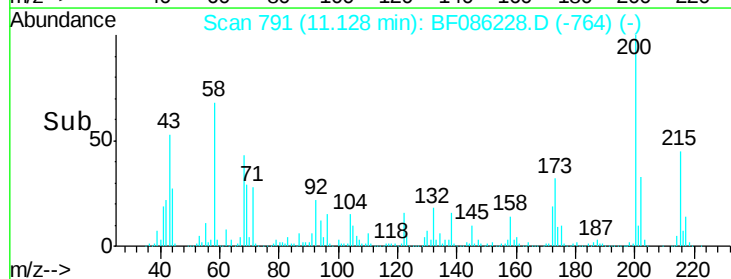
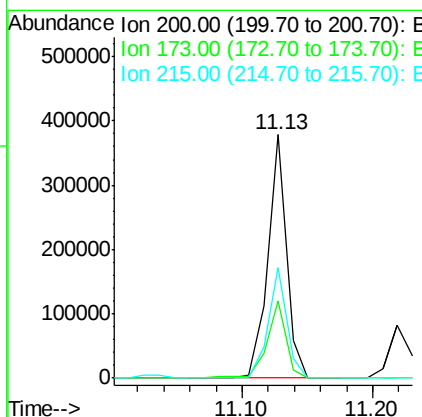
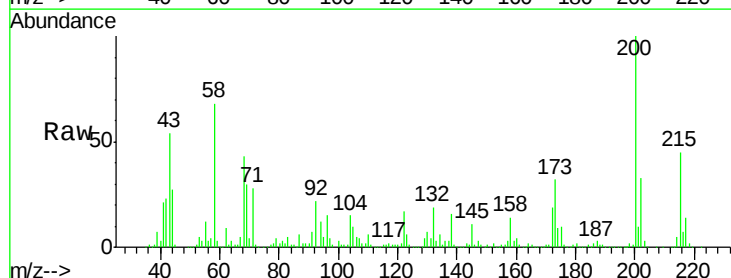
Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

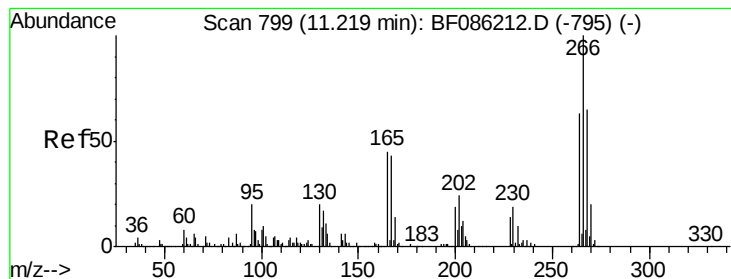
Tgt Ion:284 Resp: 467639
Ion Ratio Lower Upper
284 100
142 26.0 42.6 64.0#
249 28.6 25.9 38.9



#68
Atrazine
Concen: 45.88 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:200 Resp: 380501
Ion Ratio Lower Upper
200 100
173 31.6 11.2 51.2
215 45.4 24.0 64.0





#69

Pentachlorophenol

Concen: 91.38 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

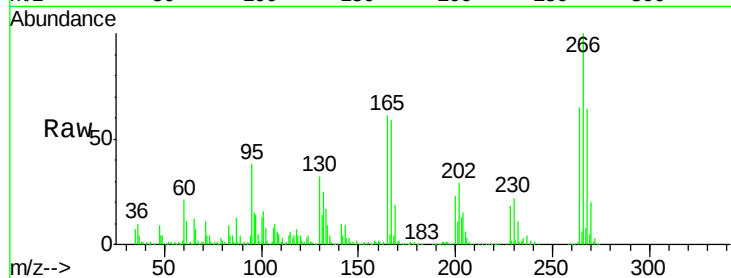
Tgt Ion:266 Resp: 478231

Ion Ratio Lower Upper

266 100

268 63.9 53.0 79.4

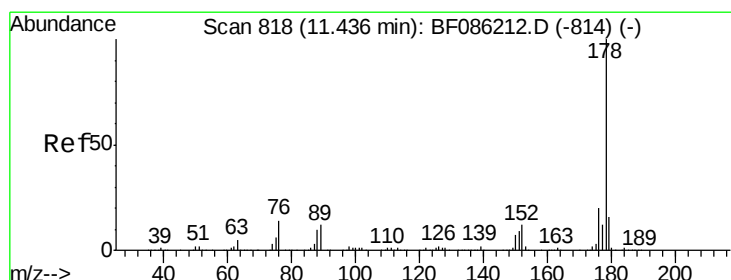
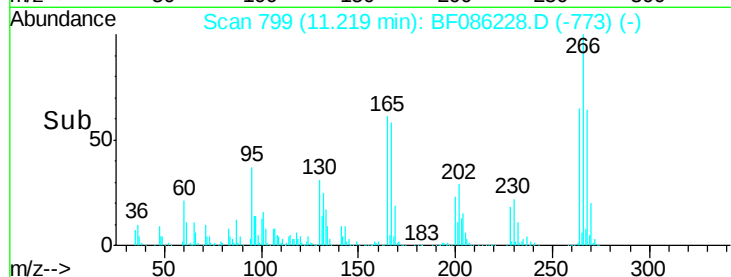
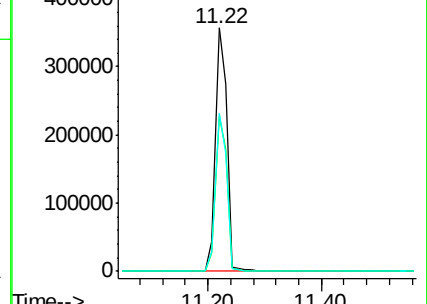
264 64.7 51.3 76.9



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: 51.36 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

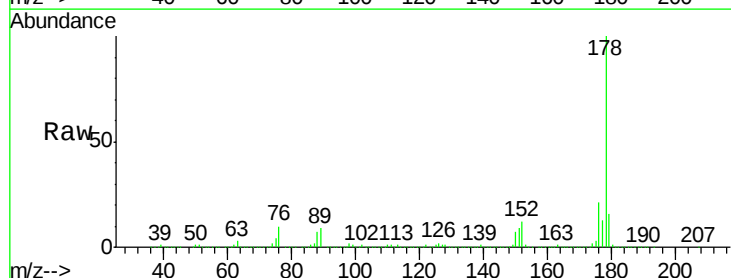
Tgt Ion:178 Resp: 2167684

Ion Ratio Lower Upper

178 100

176 21.0 16.3 24.5

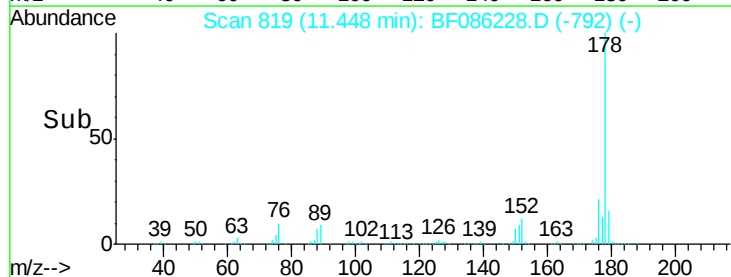
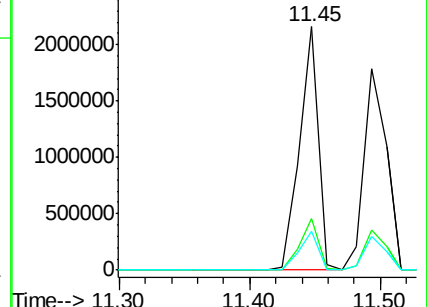
179 16.2 13.0 19.6

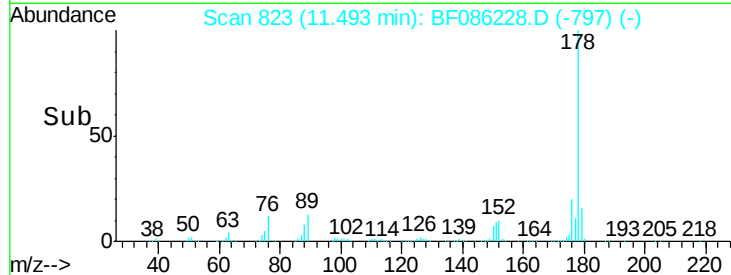


Abundance Ion 178.00 (177.70 to 178.70): E

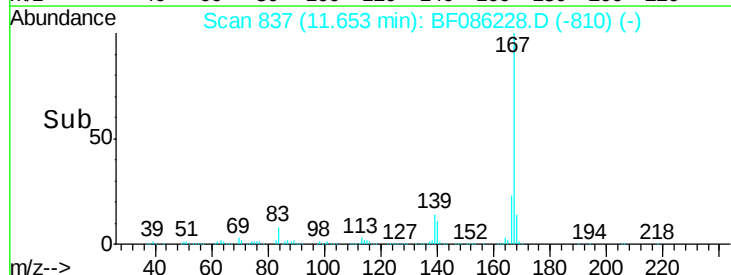
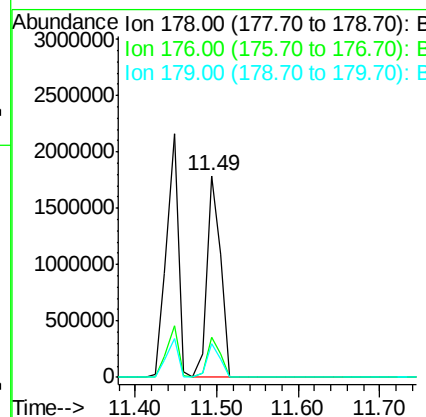
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

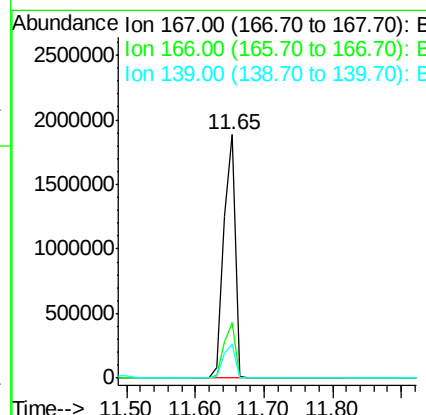


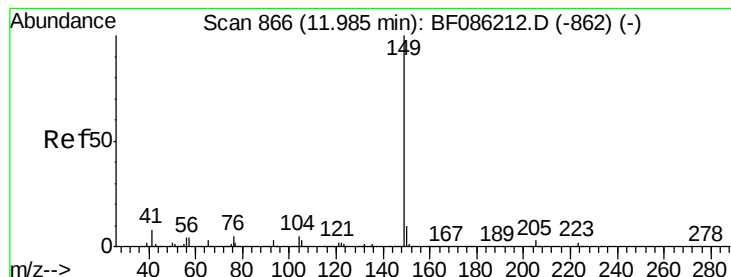


Tgt	Ion:178	Resp:	2125957
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.5	13.2	19.8



Tgt	Ion:167	Resp: 2232609	
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.7	12.3	18.5





#73

Di-n-butylphthalate

Concen: 44.80 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

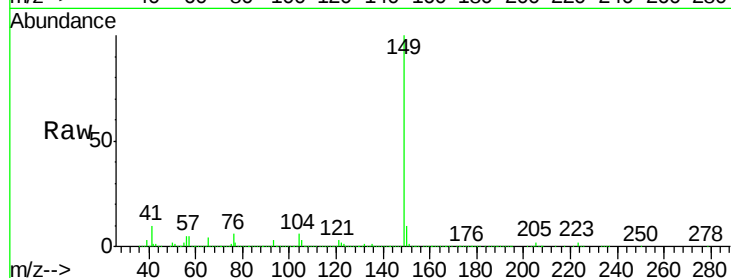
Tgt Ion:149 Resp: 2431701

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.8

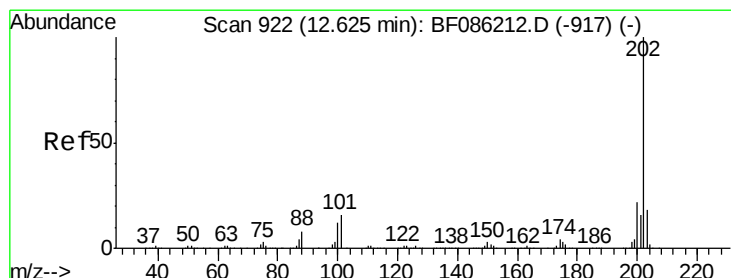
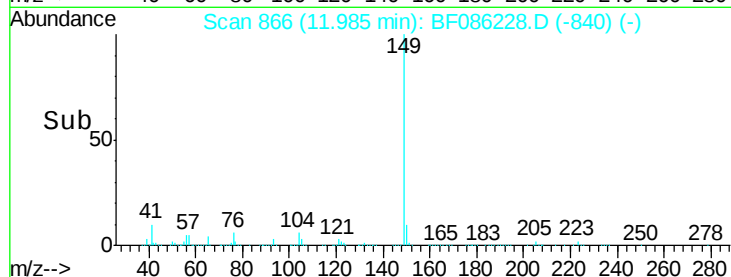
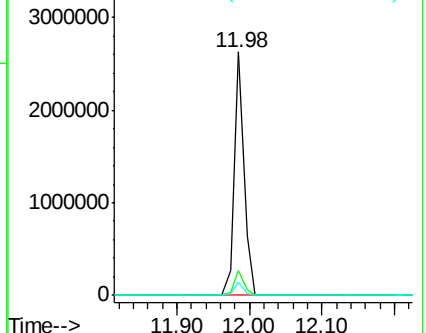
104 5.6 4.1 6.1



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: 58.12 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

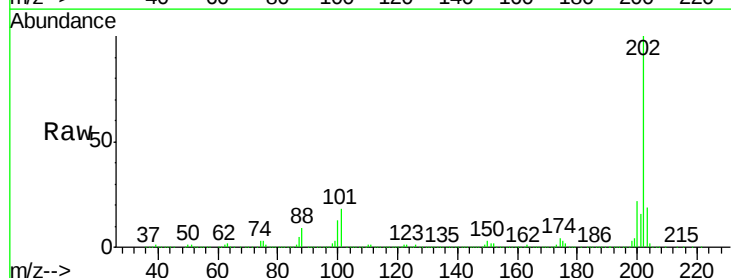
Tgt Ion:202 Resp: 2051866

Ion Ratio Lower Upper

202 100

101 17.8 0.0 35.2

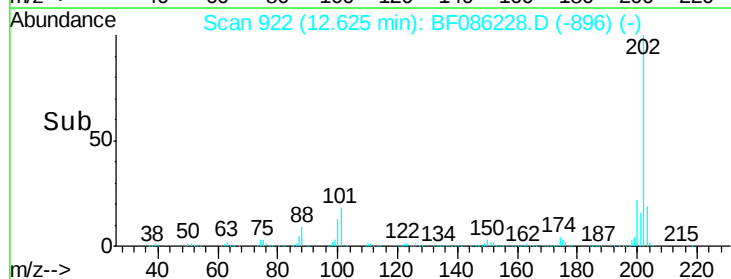
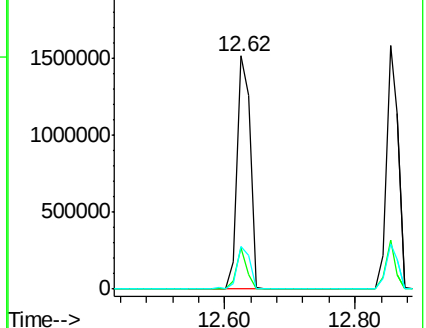
203 18.6 0.0 38.2

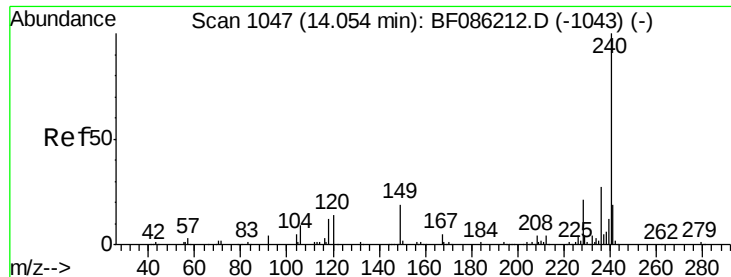


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

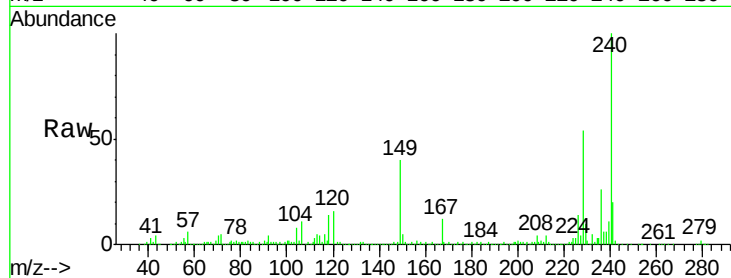
Tgt Ion:240 Resp: 472139

Ion Ratio Lower Upper

240 100

120 16.0 9.3 13.9#

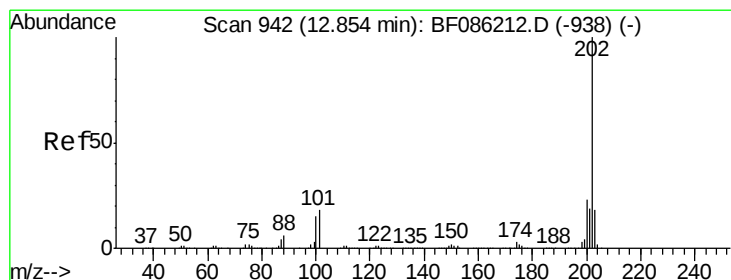
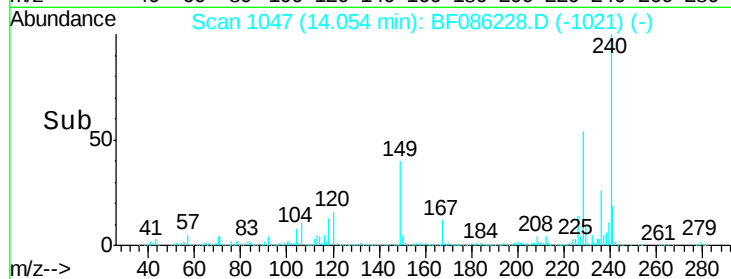
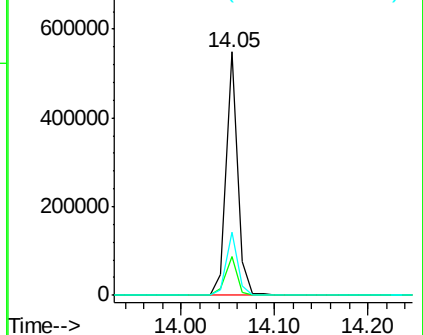
236 26.0 21.1 31.7



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



#77

Pyrene

Concen: 56.31 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

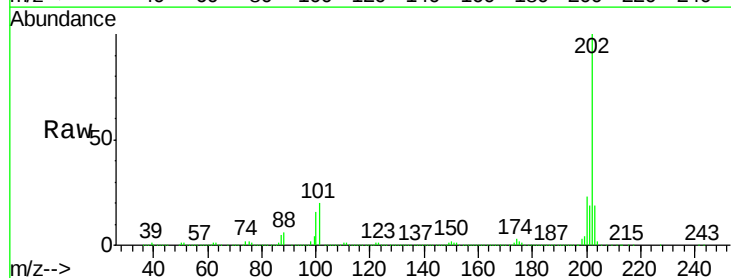
Tgt Ion:202 Resp: 2039647

Ion Ratio Lower Upper

202 100

200 22.6 18.3 27.5

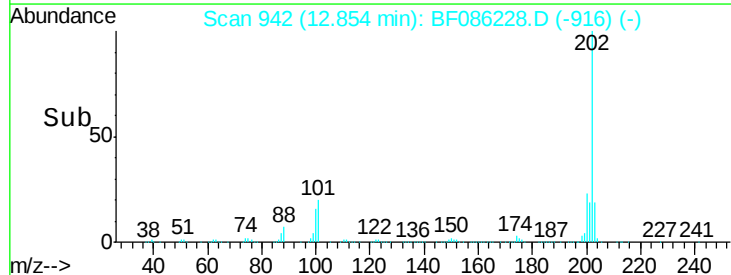
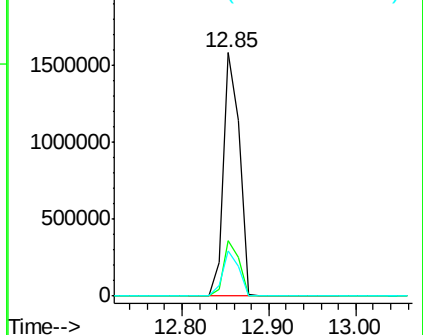
203 18.6 14.9 22.3

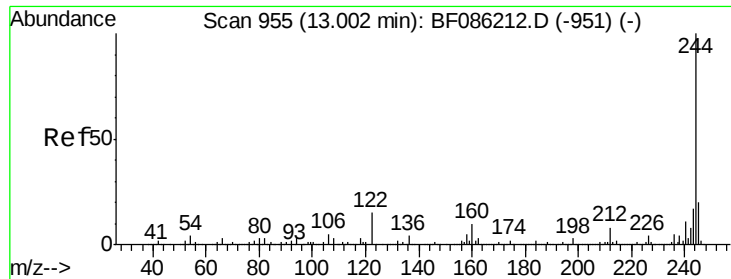


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

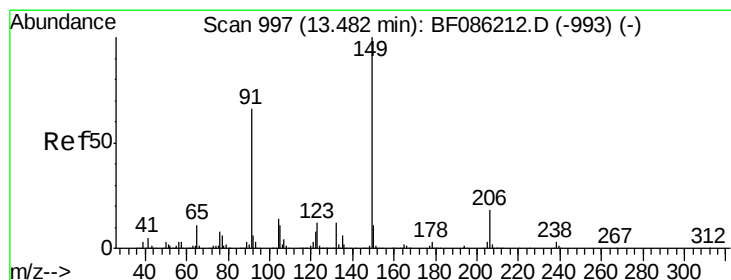
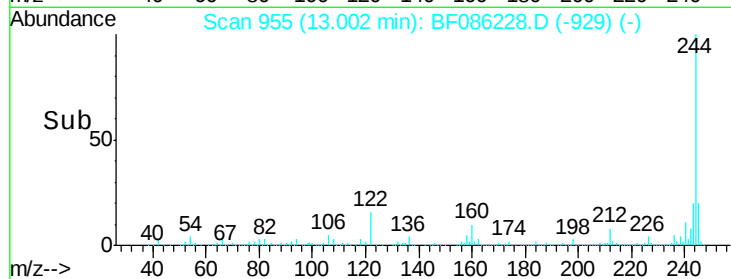
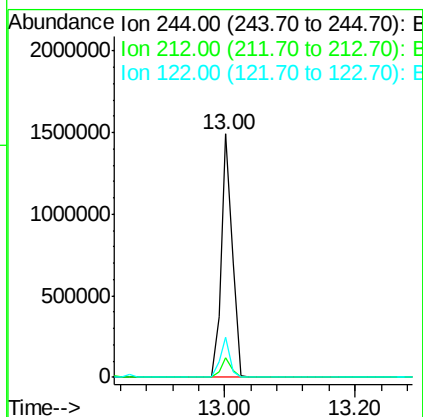
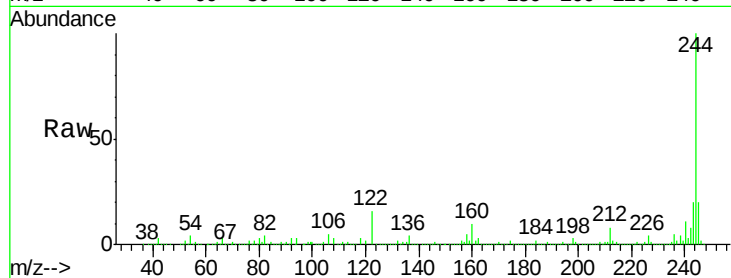




#78
 Terphenyl-d14
 Concen: 95.16 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

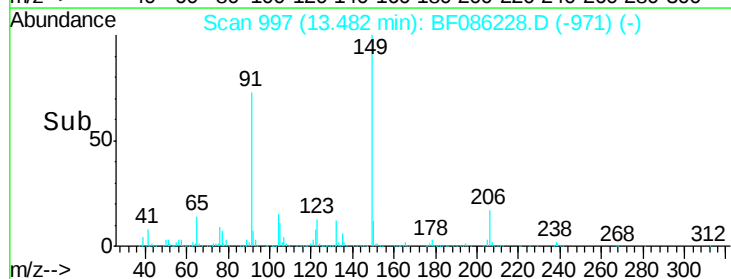
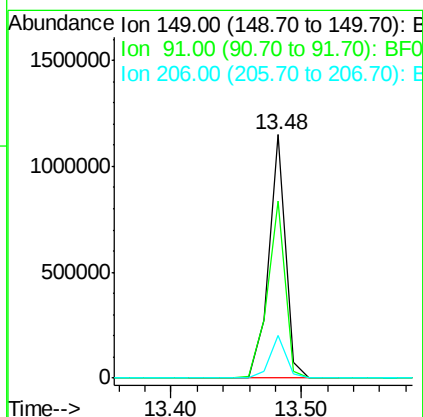
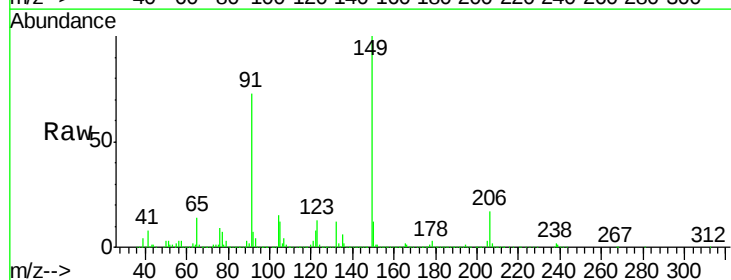
Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

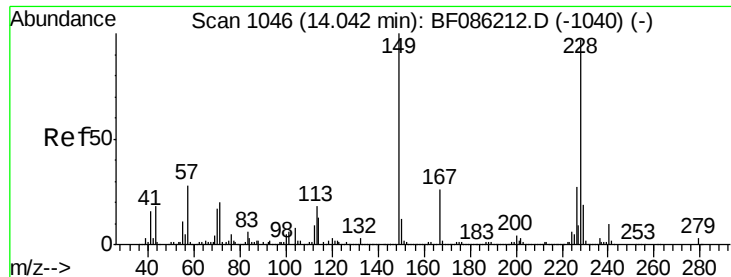
Tgt Ion:244 Resp: 1786659
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.3 11.7 17.5



#79
 Butylbenzylphthalate
 Concen: 61.52 ng
 RT: 13.48 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion:149 Resp: 1029433
 Ion Ratio Lower Upper
 149 100
 91 72.9 48.7 73.1
 206 17.4 15.7 23.5





#80

Benzo(a)anthracene

Concen: 50.32 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

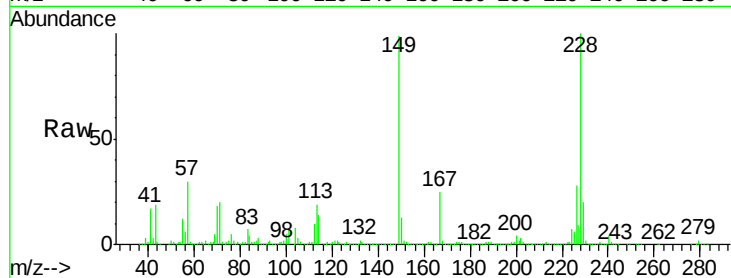
Tgt Ion:228 Resp: 1304252

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

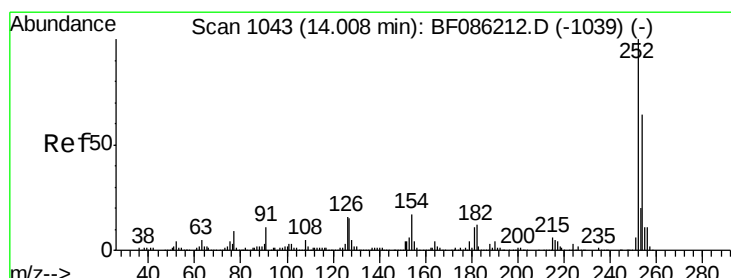
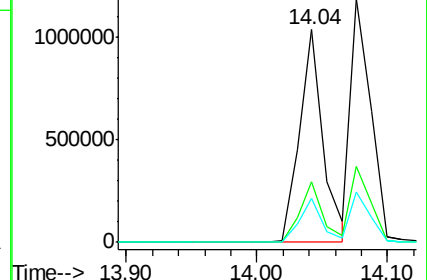
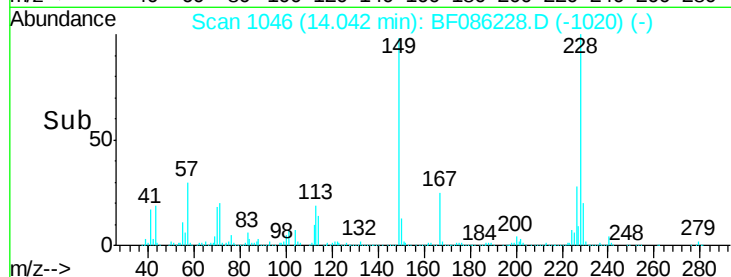
229 20.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 13.09 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

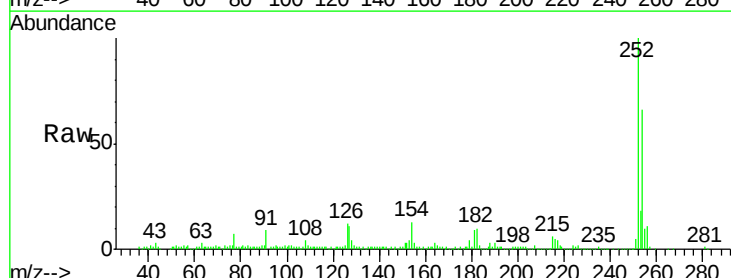
Tgt Ion:252 Resp: 196607

Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

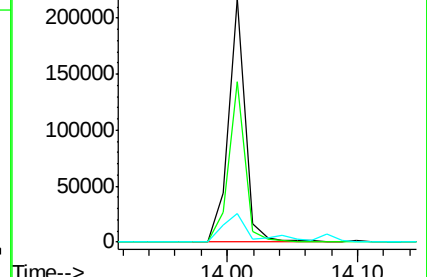
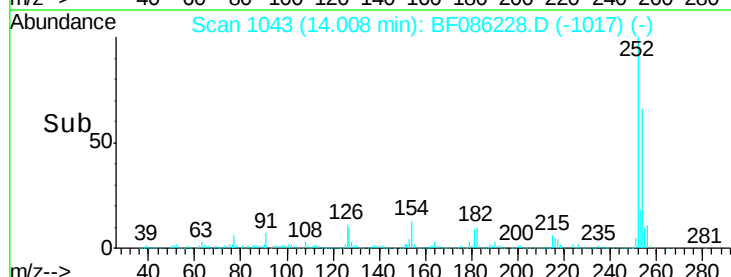
126 11.5 13.2 19.8#

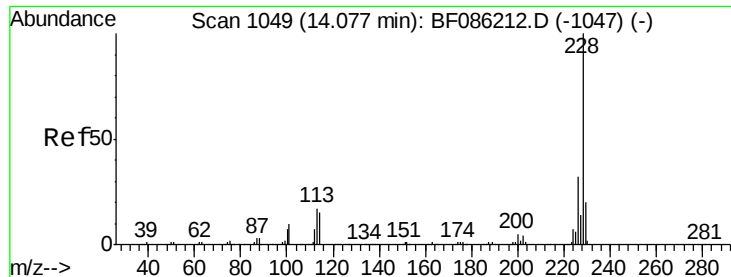


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 47.09 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

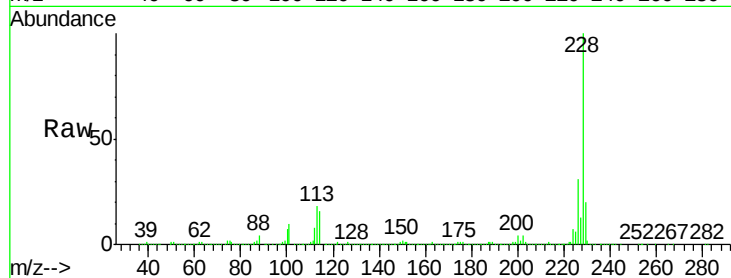
Tgt Ion:228 Resp: 1301494

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.2

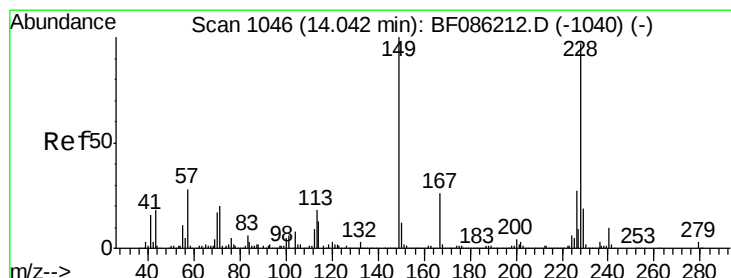
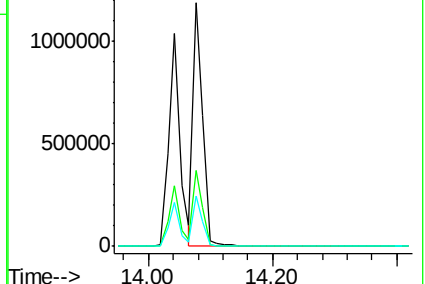
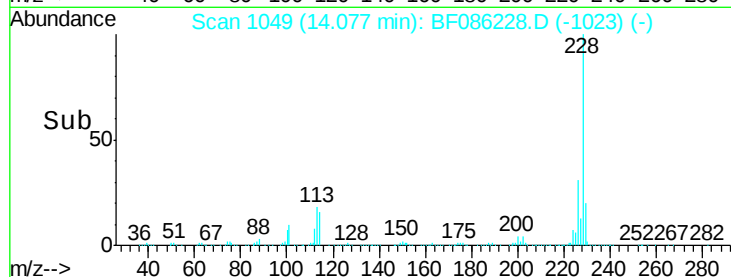
229 20.5 16.5 24.7



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: 53.57 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

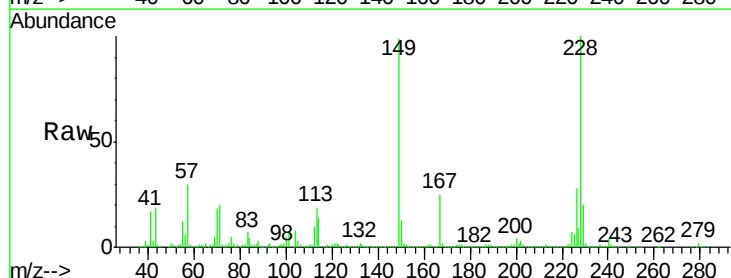
Tgt Ion:149 Resp: 967933

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

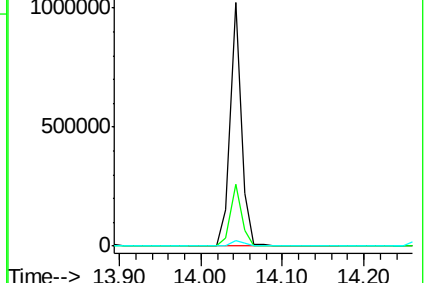
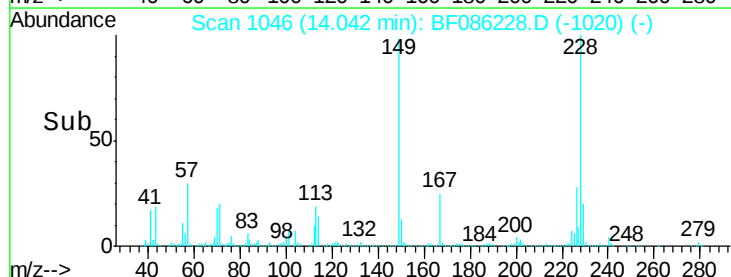
279 2.4 2.4 3.6#

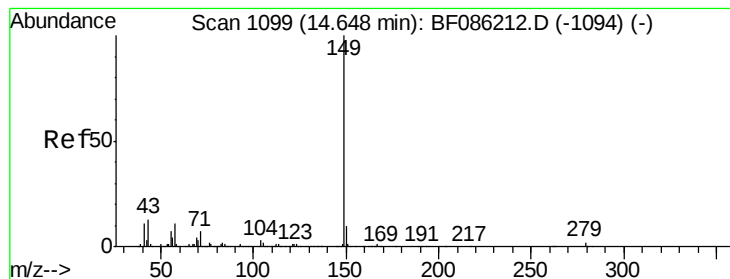


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 59.91 ng

RT: 14.66 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

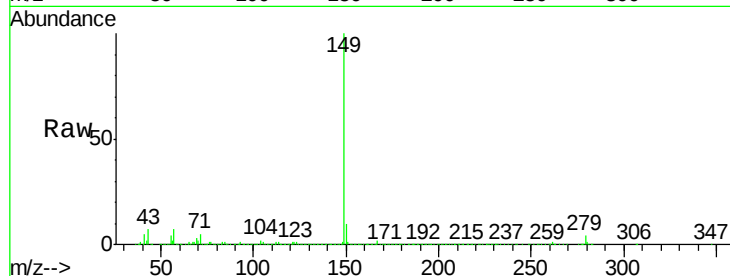
Tgt Ion:149 Resp: 2086354

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

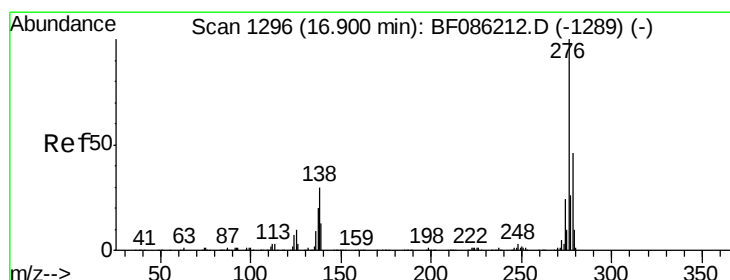
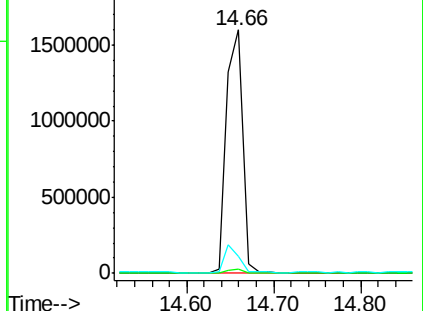
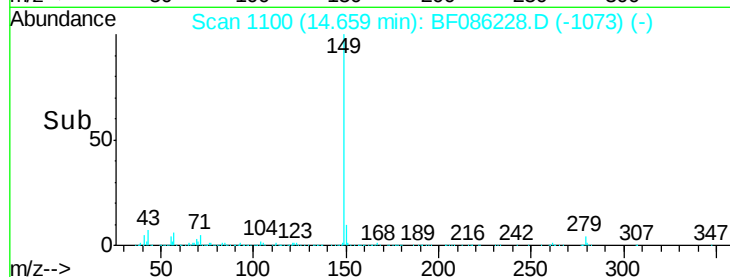
43 10.0 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 72.48 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

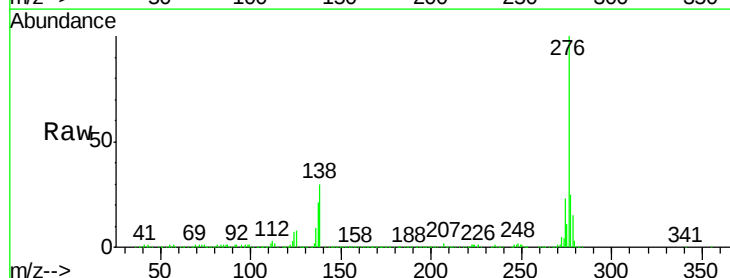
Tgt Ion:276 Resp: 1646437

Ion Ratio Lower Upper

276 100

138 33.6 23.8 35.6

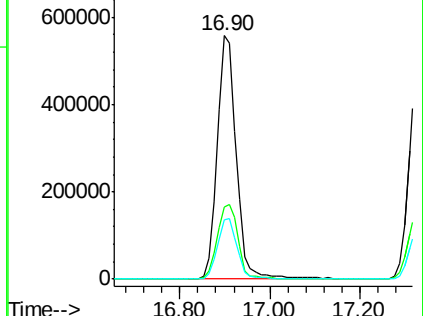
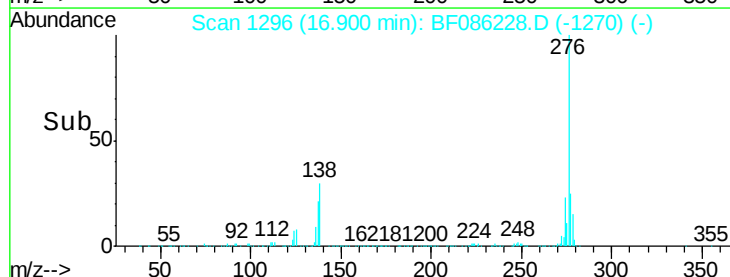
277 25.7 20.2 30.2

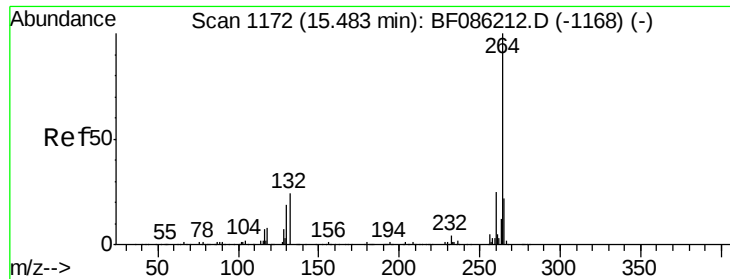


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



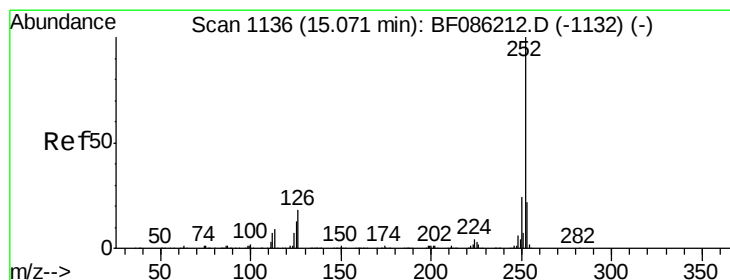
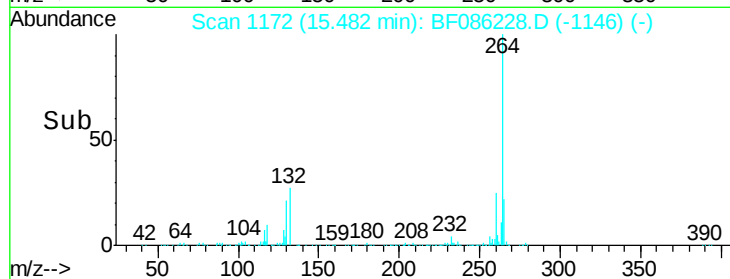
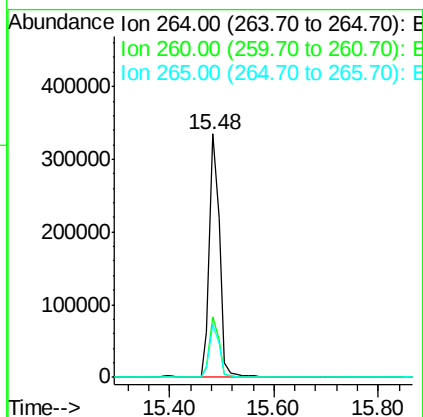
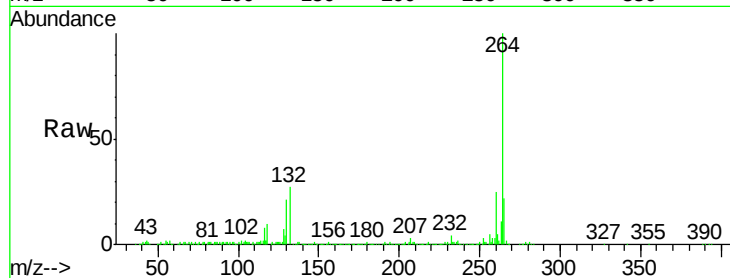


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tgt Ion: 264 Resp: 454294

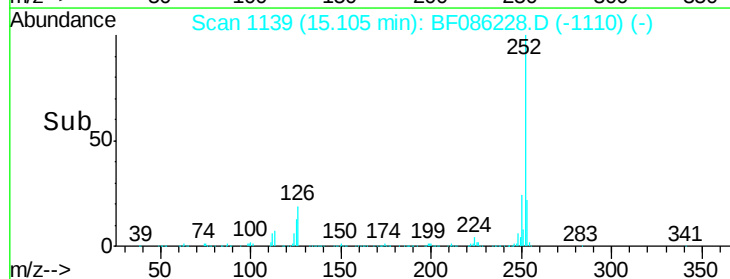
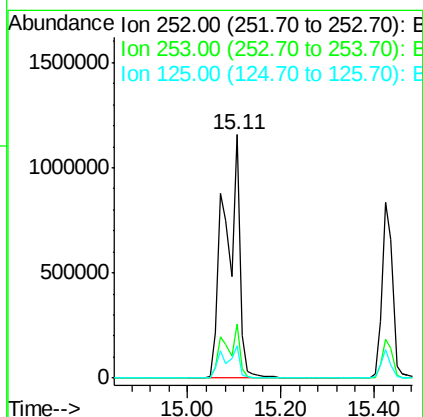
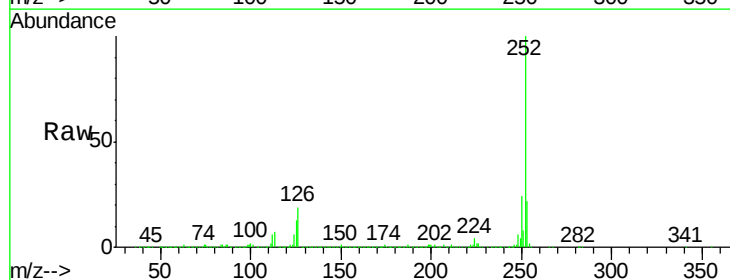
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.9	17.4	26.0

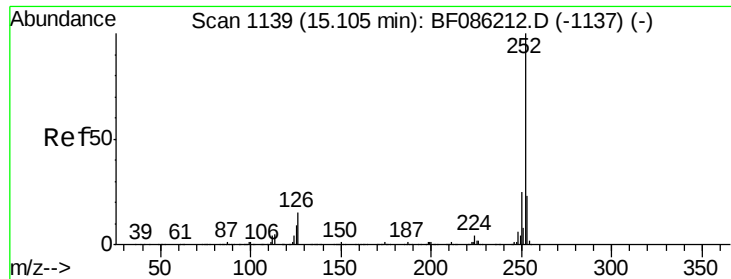


#87
Benzo(b)fluoranthene
Concen: 93.23 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.03 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion: 252 Resp: 2613134

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.1	10.3	15.5

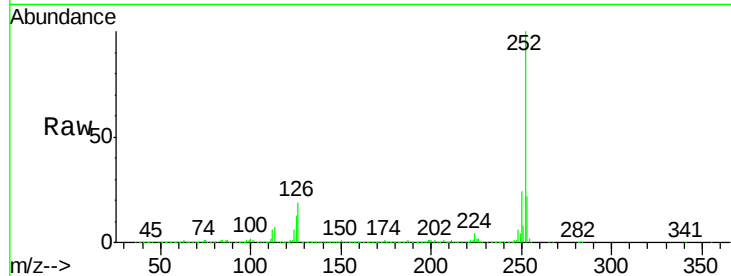




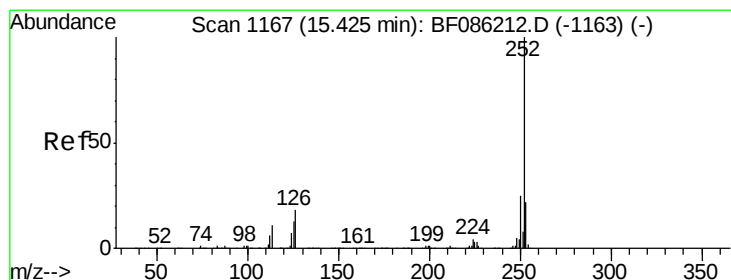
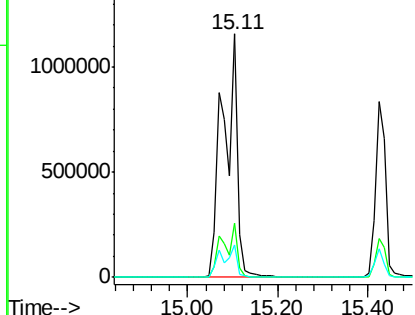
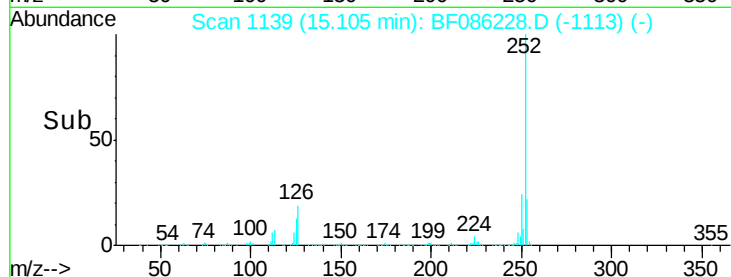
#88
Benzo(k)fluoranthene
Concen: 102.29 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tgt Ion:252 Resp: 2614148
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.1 7.8 11.6#

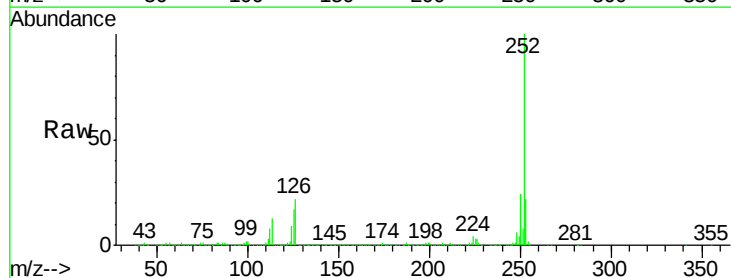


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

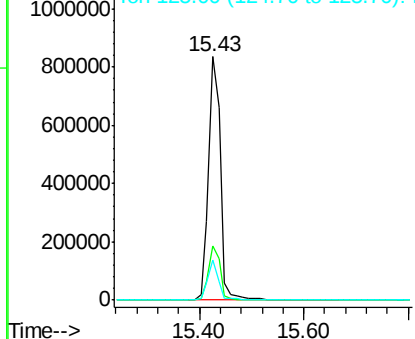
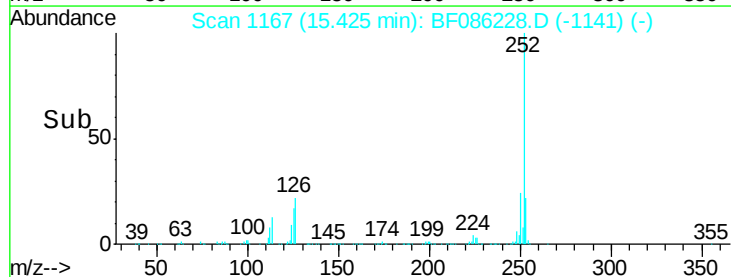


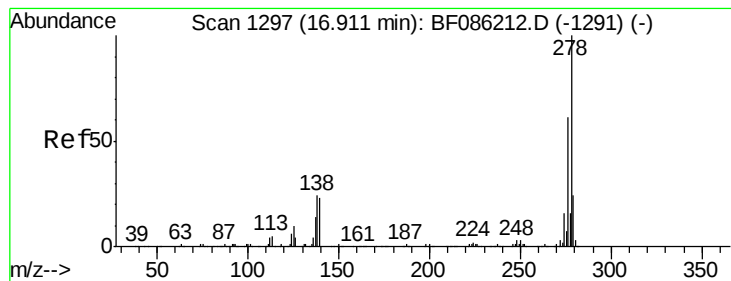
#89
Benzo(a)pyrene
Concen: 53.83 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:252 Resp: 1306792
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 16.6 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 62.72 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

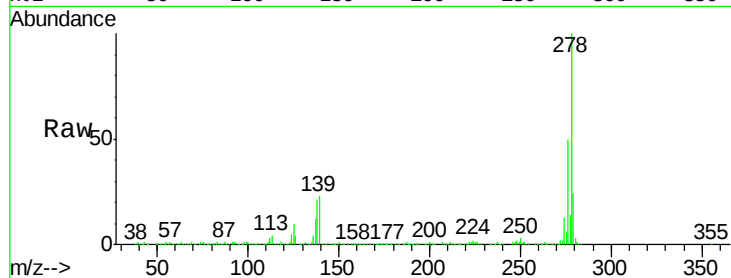
Tgt Ion:278 Resp: 1345588

Ion Ratio Lower Upper

278 100

139 23.2 15.3 22.9#

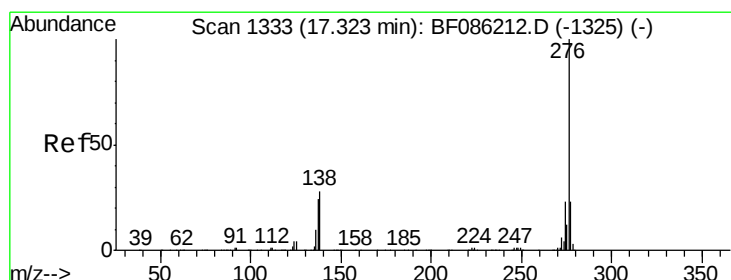
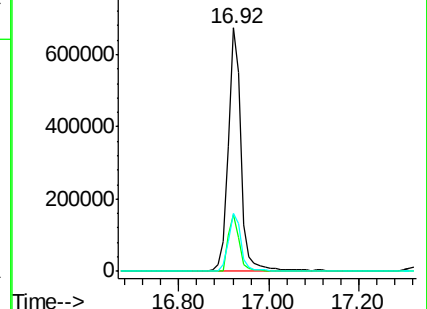
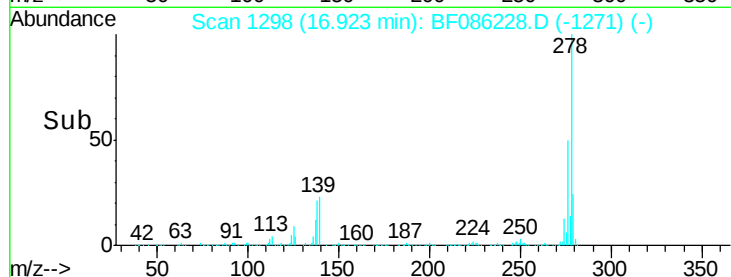
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 64.61 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

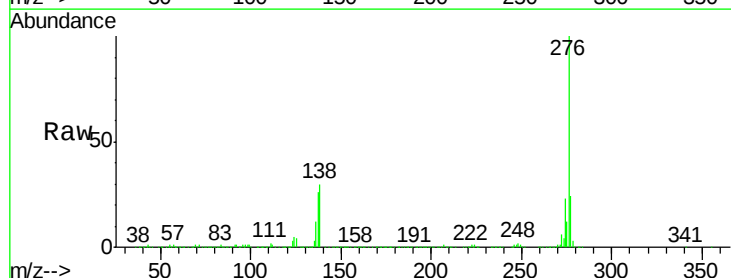
Tgt Ion:276 Resp: 1474026

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 29.8 19.6 29.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

