

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086217.D
 Acq On : 15 Apr 2016 15:20
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Quant Time: Apr 15 17:55:37 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	270463	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1101650	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	511464	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	887798	20.00	ng	0.00
75) Chrysene-d12	14.05	240	544709	20.00	ng	0.00
86) Perylene-d12	15.48	264	445212	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1206149	73.07	ng	0.00
7) Phenol-d6	6.52	99	1619836	78.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	1420248	74.36	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	310968	75.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2074278	74.84	ng	0.00
78) Terphenyl-d14	13.00	244	1589484	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	347898	38.22	ng	97
3) Pyridine	3.24	79	909790	38.32	ng	95
4) n-Nitrosodimethylamine	3.18	42	334222	38.97	ng	# 69
6) Aniline	6.56	93	1140392	38.32	ng	99
8) 2-Chlorophenol	6.67	128	701566	37.57	ng	99
9) Benzaldehyde	6.44	77	589286	40.23	ng	98
10) Phenol	6.53	94	997043	40.55	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	683317	36.94	ng	# 83
12) 1,3-Dichlorobenzene	6.83	146	737698	37.23	ng	99
13) 1,4-Dichlorobenzene	6.91	146	717251	38.00	ng	98
14) 1,2-Dichlorobenzene	7.07	146	673687	40.21	ng	98
15) Benzyl Alcohol	7.04	79	610165	41.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1130558	39.22	ng	99
17) 2-Methylphenol	7.14	107	602373	38.71	ng	98
18) Hexachloroethane	7.41	117	281334	39.51	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	453776	34.34	ng	# 85
20) 3+4-Methylphenols	7.30	107	636205	36.50	ng	98
22) Acetophenone	7.31	105	875706	41.96	ng	# 94
24) Nitrobenzene	7.48	77	873756	41.84	ng	96
25) Isophorone	7.72	82	1440338	38.00	ng	99
26) 2-Nitrophenol	7.79	139	361095	39.66	ng	94
27) 2,4-Dimethylphenol	7.84	122	716246	38.95	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	793605	35.62	ng	99
29) 2,4-Dichlorophenol	8.03	162	516791	36.97	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	546588	37.36	ng	99
31) Naphthalene	8.20	128	1829097	37.18	ng	99
32) Benzoic acid	7.94	122	497564	42.33	ng	100
33) 4-Chloroaniline	8.25	127	786468	35.77	ng	99
34) Hexachlorobutadiene	8.33	225	290423	39.62	ng	99
35) Caprolactam	8.62	113	208780	41.25	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	650411	40.15	ng	99
37) 2-Methylnaphthalene	8.90	142	1249522	39.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	442059	40.02	ng	99
40) Hexachlorocyclopentadiene	9.05	237	219786	36.45	ng	98

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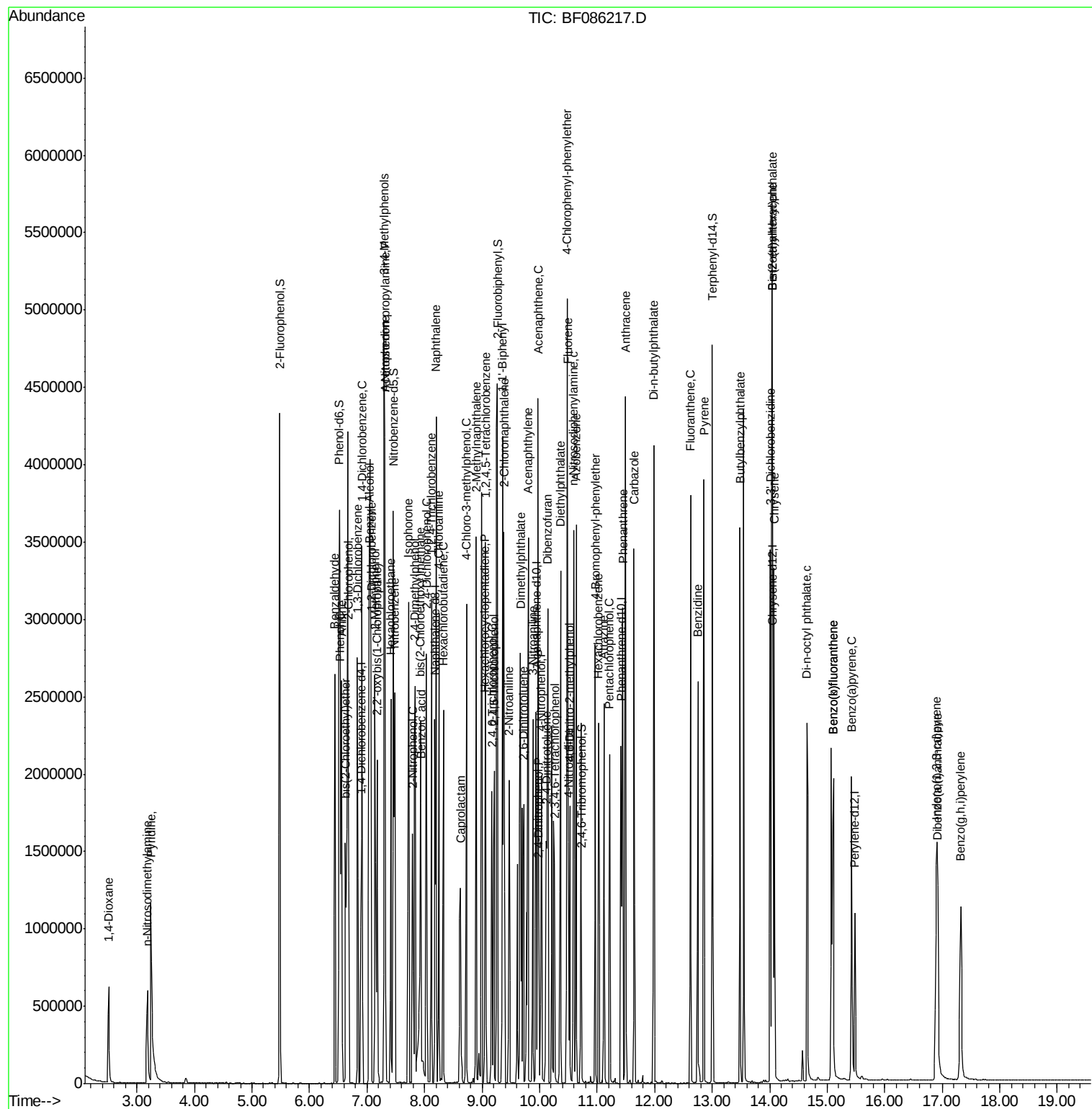
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	372332	36.95	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	385139	39.57	ng	98
45) 1,1'-Biphenyl	9.36	154	1299036	35.28	ng	100
46) 2-Chloronaphthalene	9.38	162	1115174	37.10	ng	99
47) 2-Nitroaniline	9.47	65	357296	36.69	ng	97
48) Acenaphthylene	9.80	152	1941655	40.59	ng	99
49) Dimethylphthalate	9.66	163	1420090	38.19	ng	99
50) 2,6-Dinitrotoluene	9.72	165	338283	41.11	ng	92
51) Acenaphthene	9.97	154	1148555	40.20	ng	100
52) 3-Nitroaniline	9.88	138	339320	33.93	ng	99
53) 2,4-Dinitrophenol	9.98	184	120950	41.88	ng	86
54) Dibenzofuran	10.14	168	1514235	40.13	ng	97
55) 4-Nitrophenol	10.03	139	300747	38.45	ng	90
56) 2,4-Dinitrotoluene	10.12	165	445302	42.27	ng	# 90
57) Fluorene	10.49	166	1054376	40.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	264043	37.35	ng	98
59) Diethylphthalate	10.36	149	1385041	36.08	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	438099	39.63	ng	96
61) 4-Nitroaniline	10.50	138	361926	41.88	ng	85
62) Azobenzene	10.64	77	1307216	34.81	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174930	41.40	ng	86
65) n-Nitrosodiphenylamine	10.59	169	992056	36.49	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	310833	37.57	ng	92
67) Hexachlorobenzene	11.02	284	335509	38.70	ng	94
68) Atrazine	11.12	200	323504	38.83	ng	99
69) Pentachlorophenol	11.22	266	217719	41.41	ng	98
70) Phenanthrene	11.45	178	1679379	39.60	ng	99
71) Anthracene	11.49	178	1553344	35.88	ng	99
72) Carbazole	11.64	167	1455121	36.08	ng	100
73) Di-n-butylphthalate	11.98	149	1925003	35.30	ng	99
74) Fluoranthene	12.62	202	1486612	40.12	ng	99
76) Benzidine	12.75	184	952937	45.10	ng	100
77) Pyrene	12.85	202	1547321	37.03	ng	99
79) Butylbenzylphthalate	13.48	149	833799	43.19	ng	90
80) Benzo(a)anthracene	14.04	228	1161484	38.84	ng	100
81) 3,3'-Dichlorobenzidine	14.01	252	662594	38.23	ng	99
82) Chrysene	14.08	228	1094898	34.34	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	822465	39.46	ng	# 98
84) Di-n-octyl phthalate	14.65	149	1565023	38.95	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1050033	40.07	ng	96
87) Benzo(b)fluoranthene	15.11	252	2044203	74.42	ng	97
88) Benzo(k)fluoranthene	15.11	252	2045291	81.67	ng	98
89) Benzo(a)pyrene	15.43	252	945768	39.75	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	884986	42.09	ng	99
91) Benzo(g,h,i)perylene	17.32	276	924543	41.35	ng	95

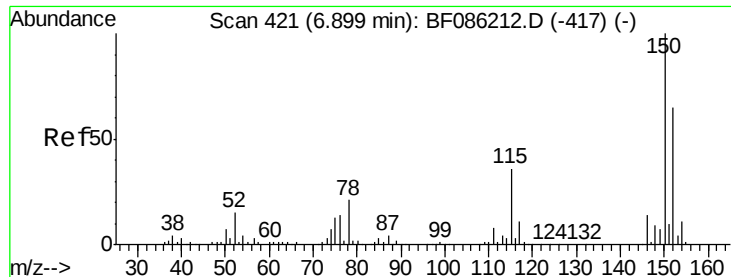
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

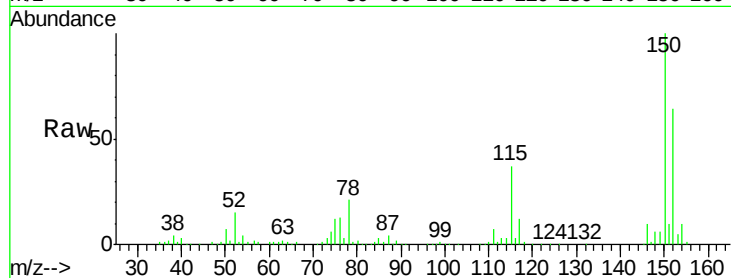
Tgt Ion:152 Resp: 270463

Ion Ratio Lower Upper

152 100

150 157.0 124.1 186.1

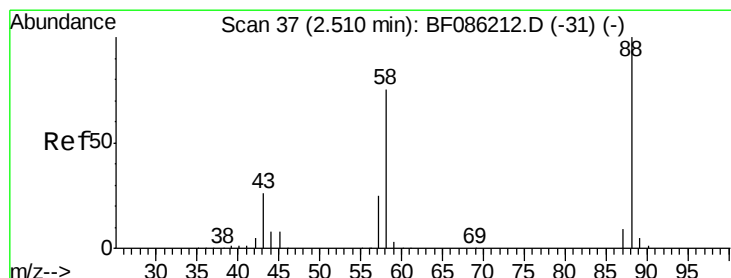
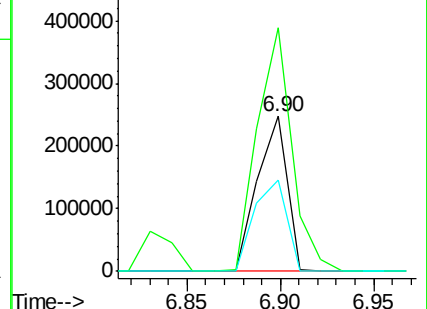
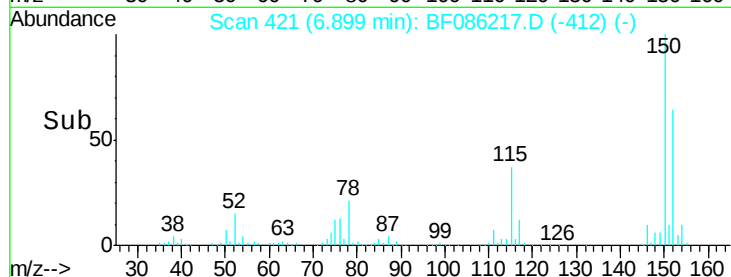
115 58.5 43.9 65.9



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: 38.22 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

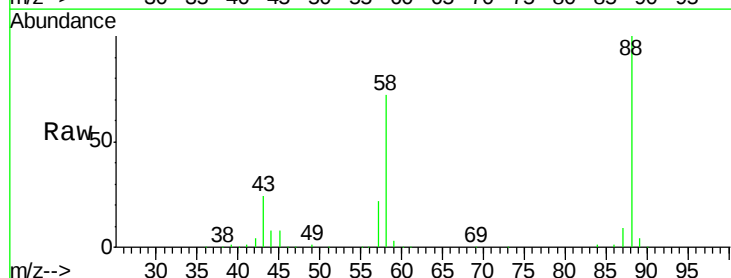
Tgt Ion: 88 Resp: 347898

Ion Ratio Lower Upper

88 100

58 73.4 58.4 87.6

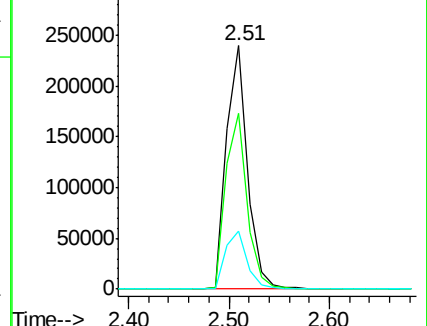
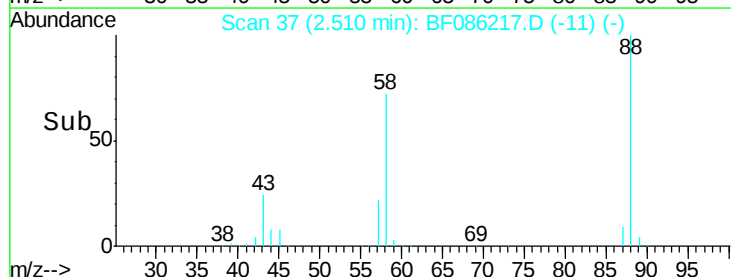
43 24.7 23.3 34.9

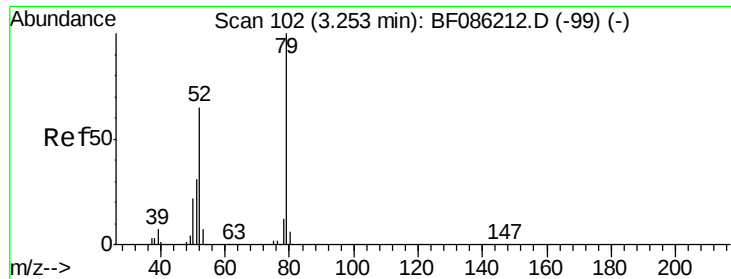


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

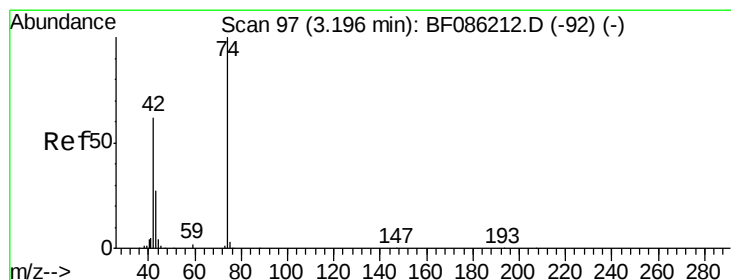
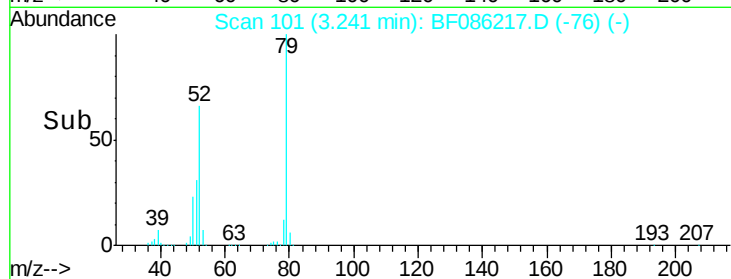
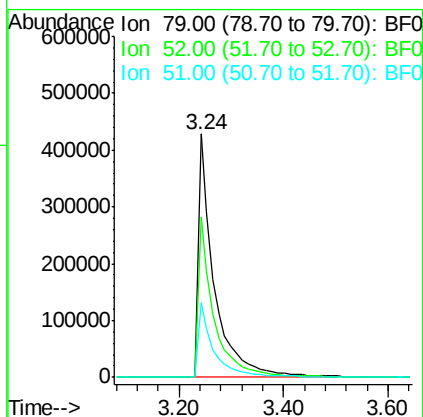
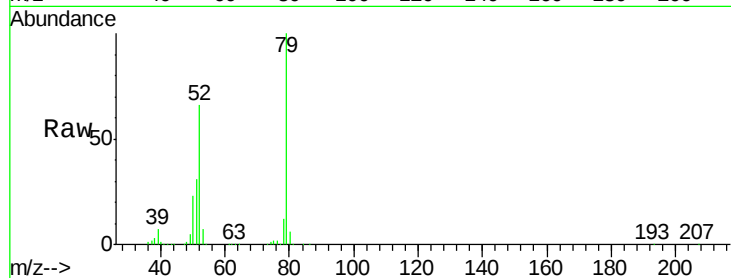




#3
 Pyridine
 Concen: 38.32 ng
 RT: 3.24 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

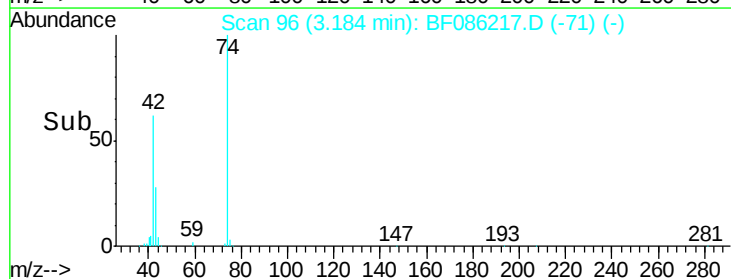
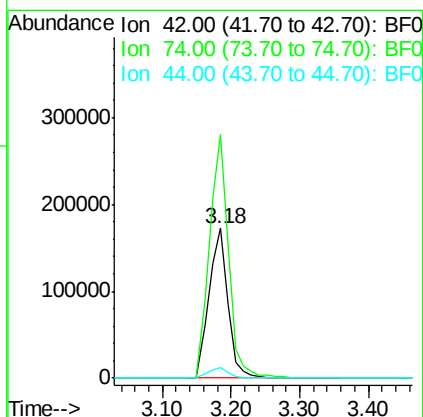
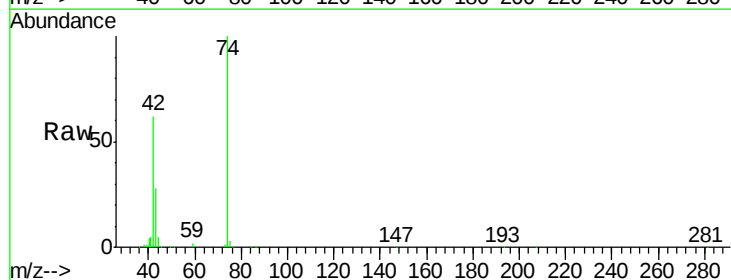
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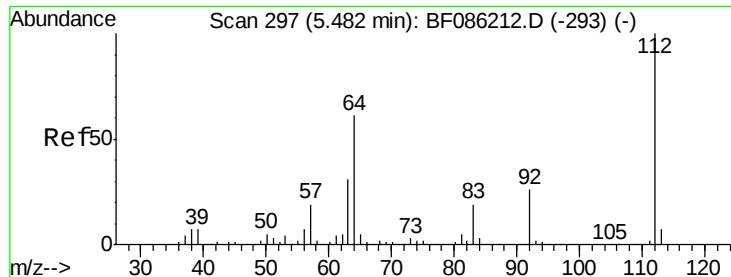
Tgt Ion: 79 Resp: 909790
 Ion Ratio Lower Upper
 79 100
 52 66.0 55.4 83.2
 51 30.8 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 38.97 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion: 42 Resp: 334222
 Ion Ratio Lower Upper
 42 100
 74 162.3 100.5 150.7#
 44 7.3 5.4 8.0





#5

2-Fluorophenol

Concen: 73.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

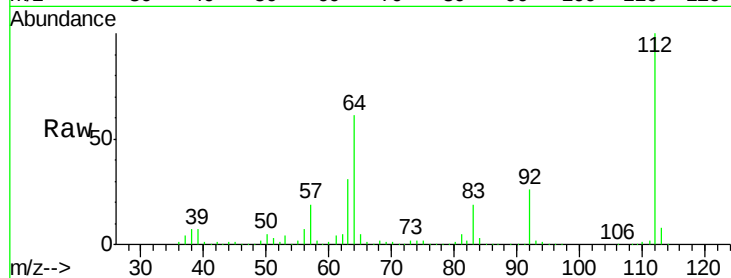
Tgt Ion: 112 Resp: 1206149

Ion Ratio Lower Upper

112 100

64 60.8 48.1 72.1

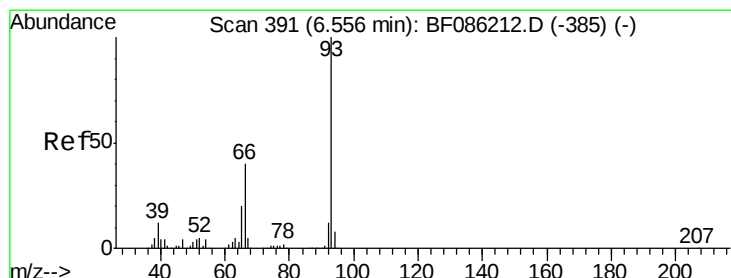
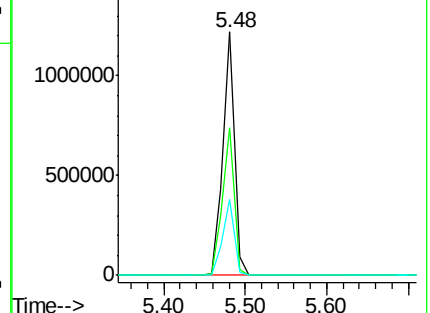
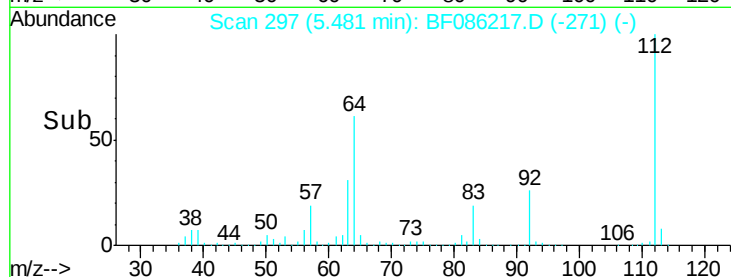
63 31.3 25.5 38.3



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: 38.32 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

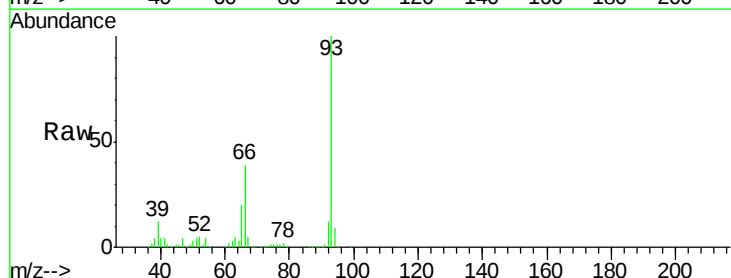
Tgt Ion: 93 Resp: 1140392

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

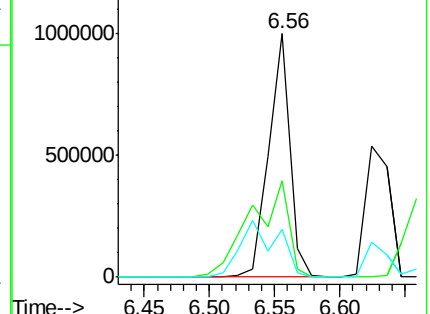
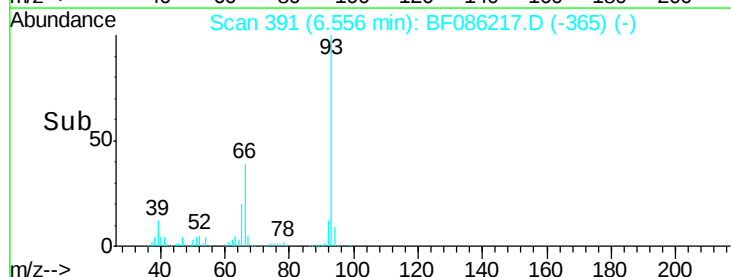
65 19.9 16.4 24.6

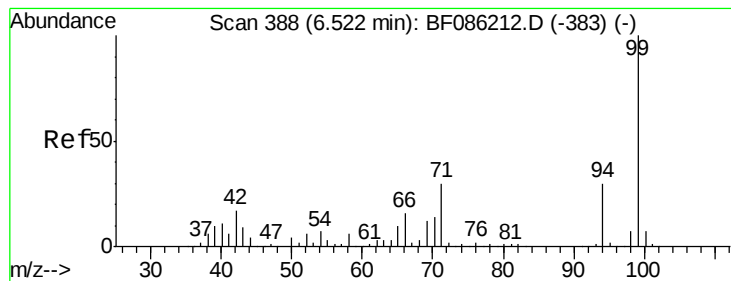


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.45 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

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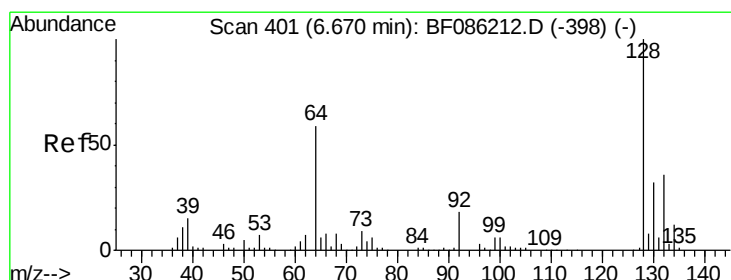
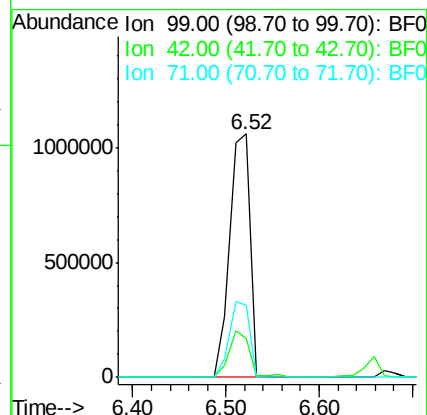
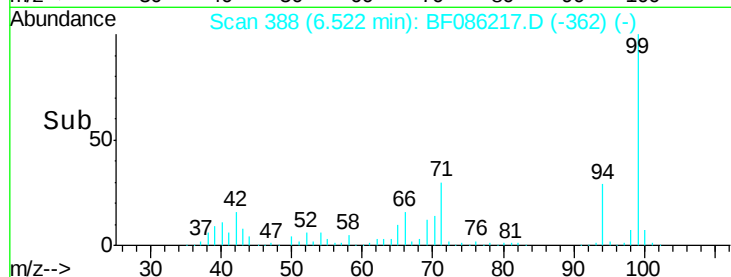
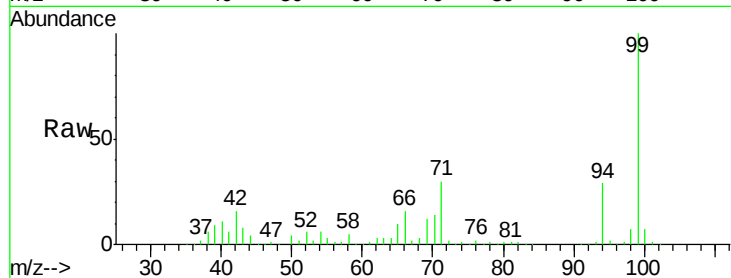
Tgt Ion: 99 Resp: 1619836

Ion Ratio Lower Upper

99 100

42 16.0 15.4 23.2

71 29.7 25.6 38.4



#8

2-Chlorophenol

Concen: 37.57 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

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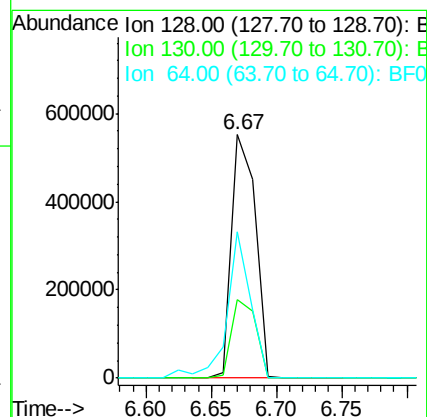
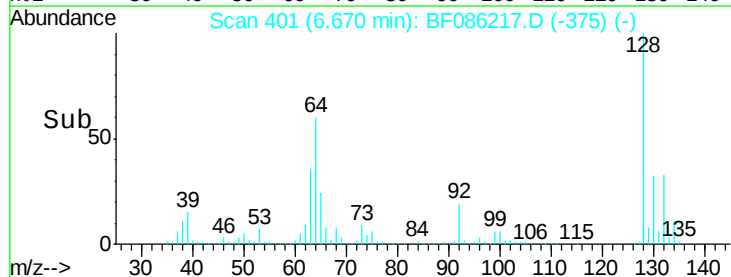
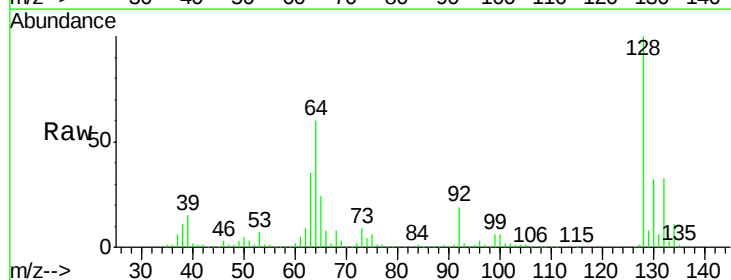
Tgt Ion: 128 Resp: 701566

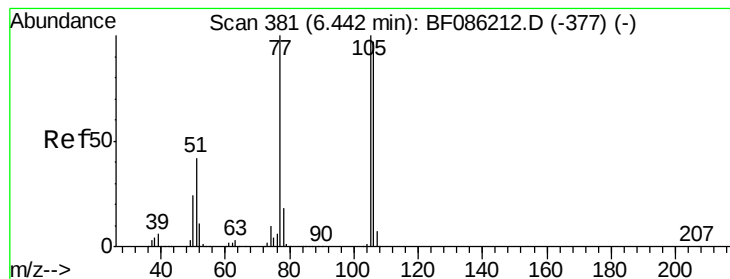
Ion Ratio Lower Upper

128 100

130 32.1 11.8 51.8

64 60.0 39.5 79.5





#9

Benzaldehyde

Concen: 40.23 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

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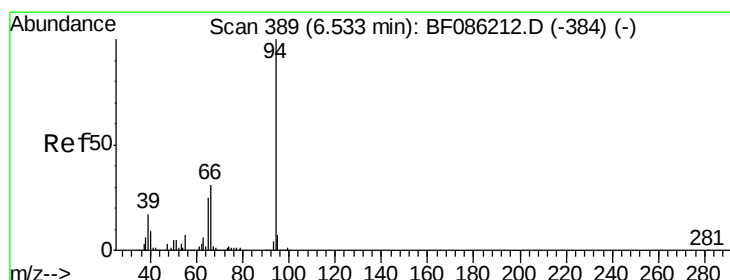
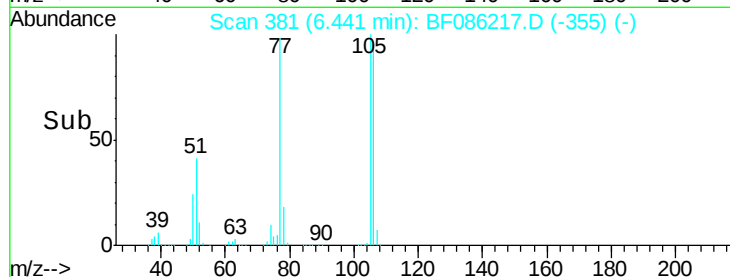
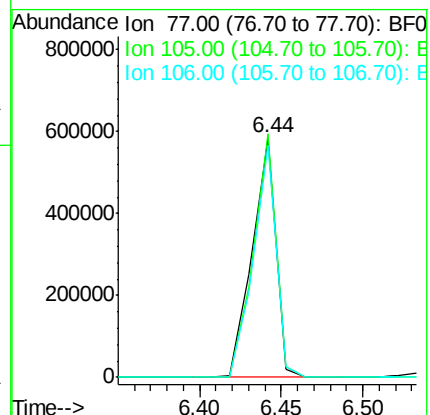
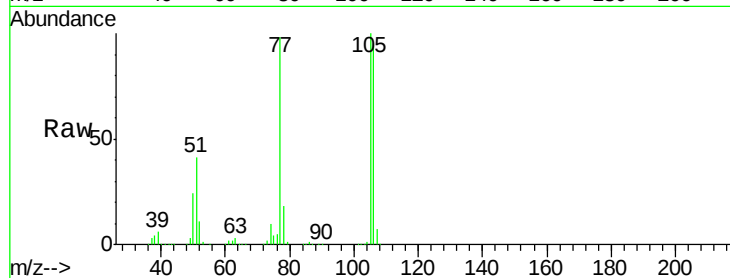
Tgt Ion: 77 Resp: 589286

Ion Ratio Lower Upper

77 100

105 101.9 84.6 124.6

106 97.3 78.6 118.6



#10

Phenol

Concen: 40.55 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

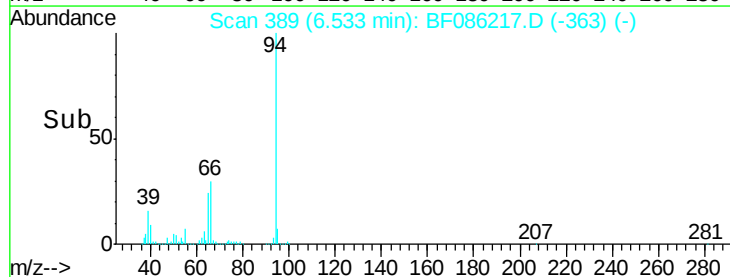
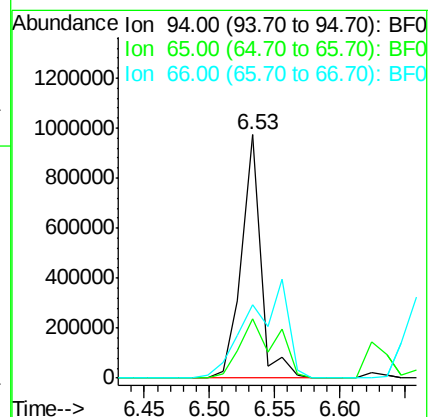
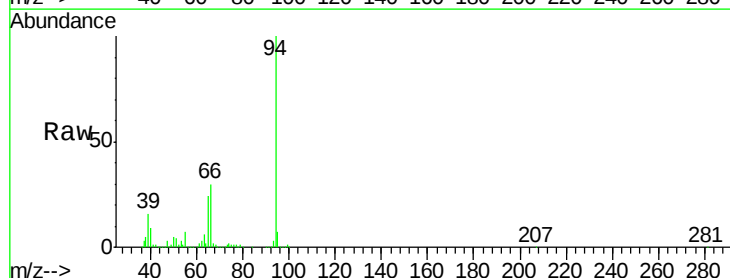
Tgt Ion: 94 Resp: 997043

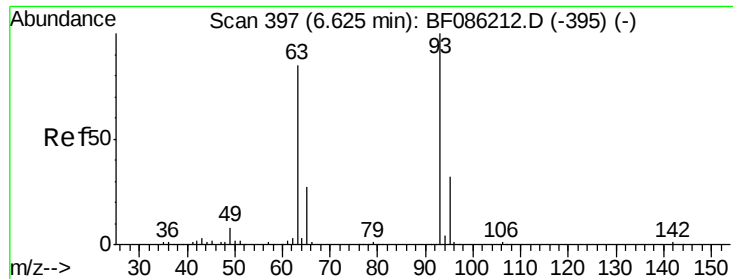
Ion Ratio Lower Upper

94 100

65 24.1 7.9 47.9

66 30.3 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 36.94 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

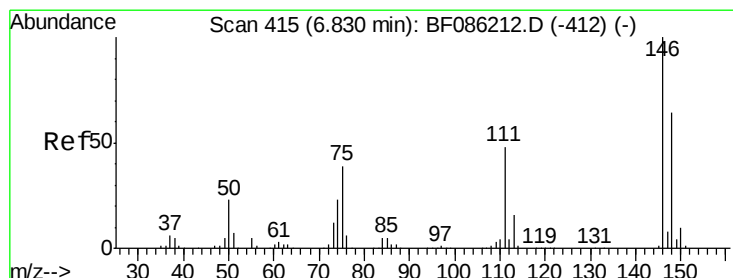
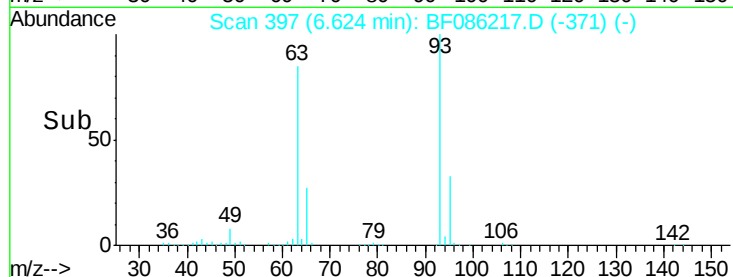
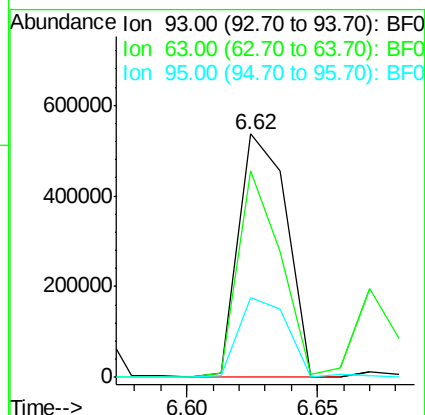
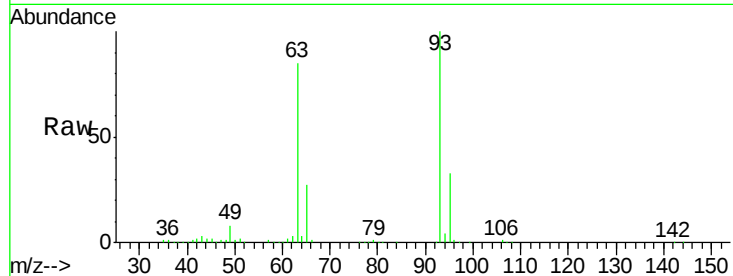
Tgt Ion: 93 Resp: 683317

Ion Ratio Lower Upper

93 100

63 84.6 44.4 84.4#

95 32.6 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 37.23 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

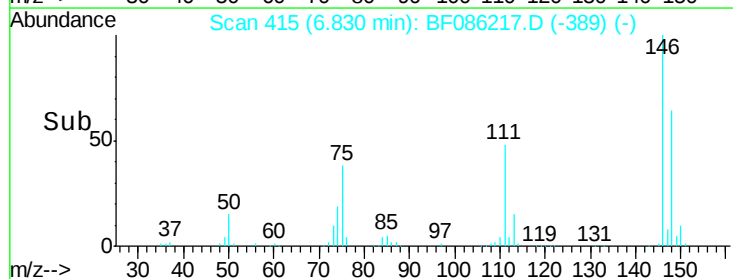
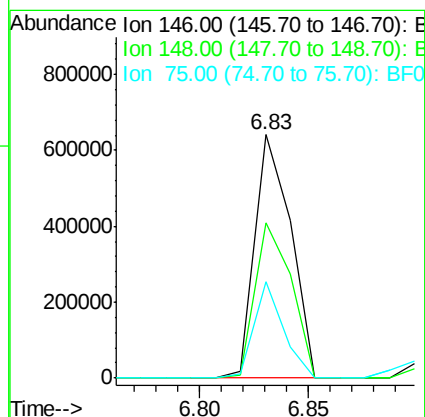
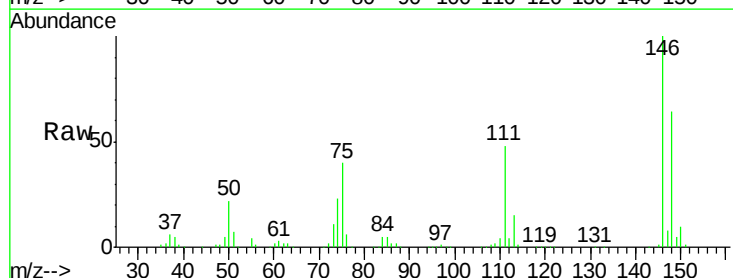
Tgt Ion: 146 Resp: 737698

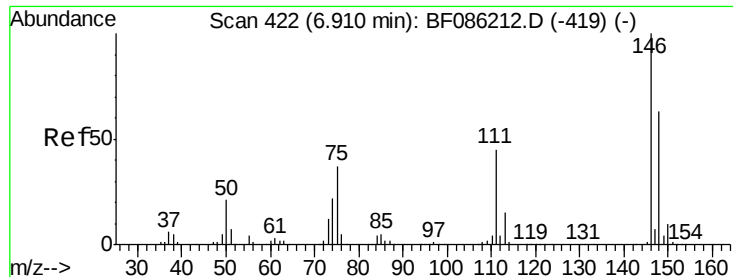
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 39.5 29.9 44.9

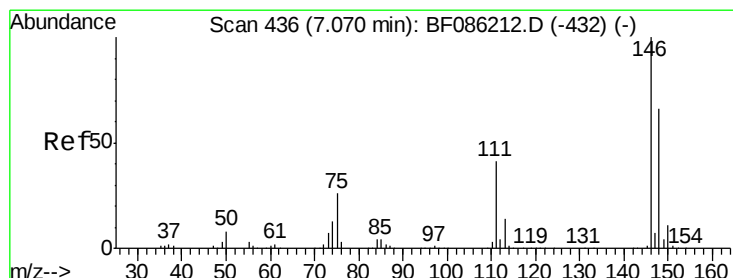
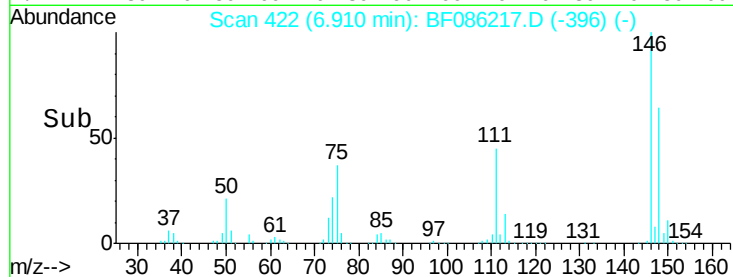
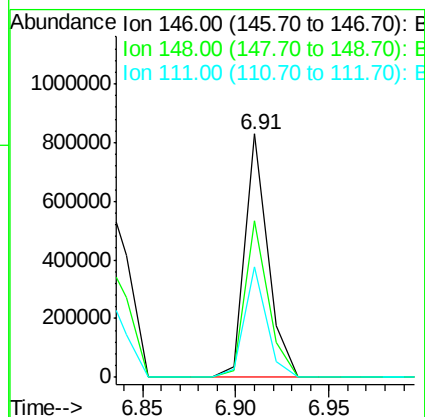
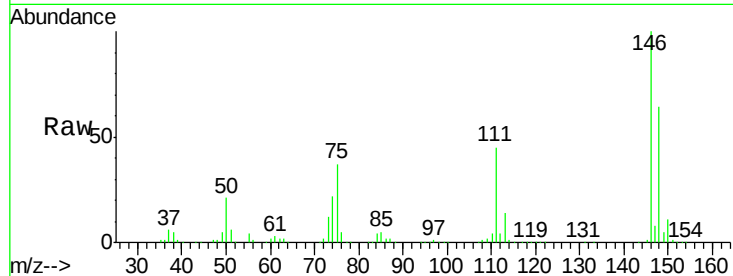




#13
 1,4-Dichlorobenzene
 Concen: 38.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

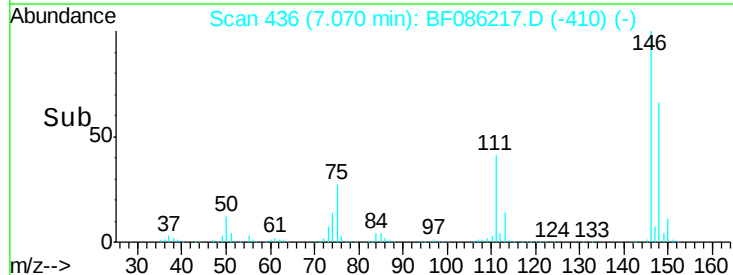
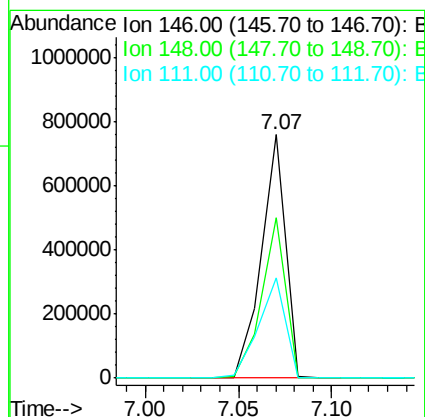
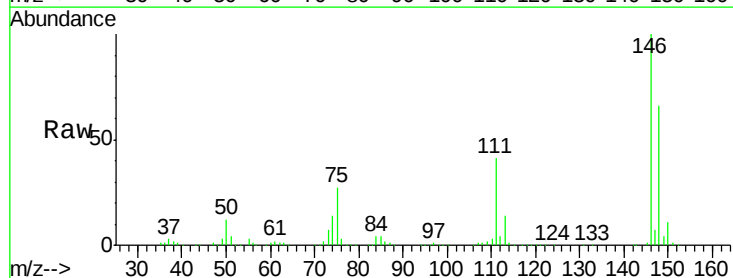
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

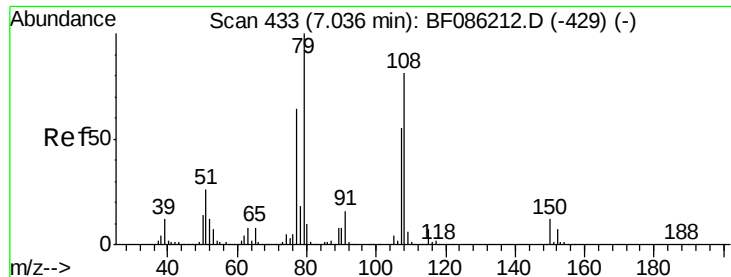
Tgt Ion:146 Resp: 717251
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 45.4 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 40.21 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:146 Resp: 673687
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.2 78.2
 111 41.3 31.0 46.4





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

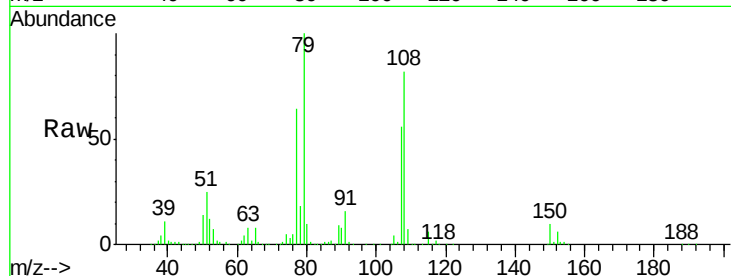
Tgt Ion: 79 Resp: 610165

Ion Ratio Lower Upper

79 100

108 81.6 64.8 97.2

77 64.2 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

7.04

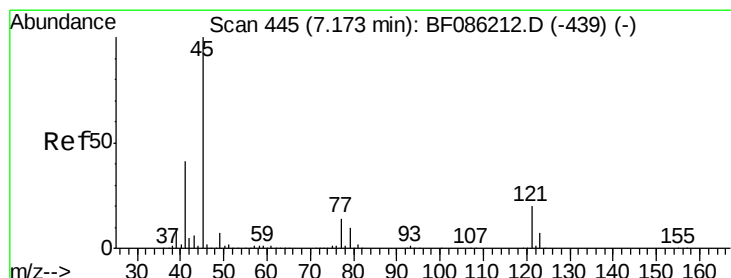
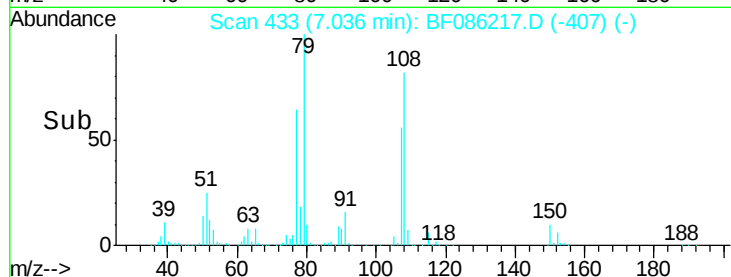
600000

400000

200000

0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.22 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

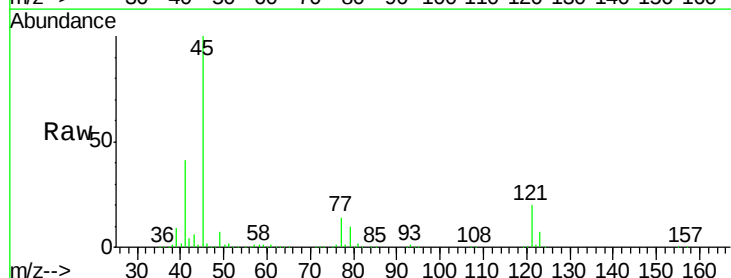
Tgt Ion: 45 Resp: 1130558

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

79 10.4 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

7.17

1200000

1000000

800000

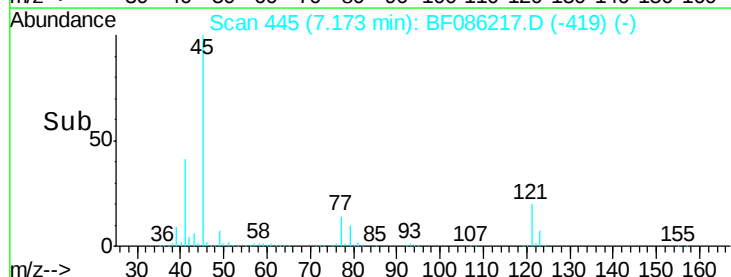
600000

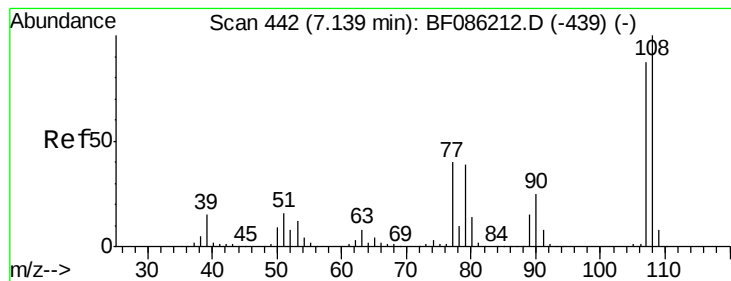
400000

200000

0

Time-->





#17

2-Methylphenol

Concen: 38.71 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tgt Ion:107 Resp: 602373

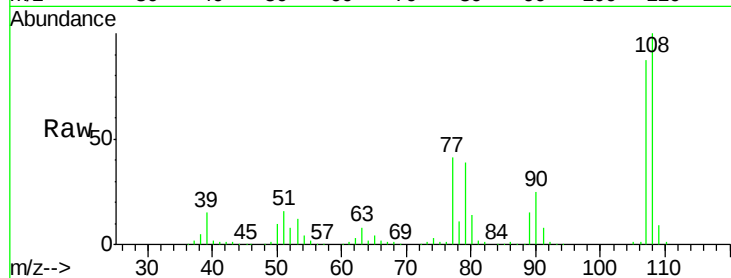
Ion Ratio Lower Upper

107 100

108 115.5 92.7 139.1

77 47.6 39.6 59.4

79 44.8 37.4 56.2

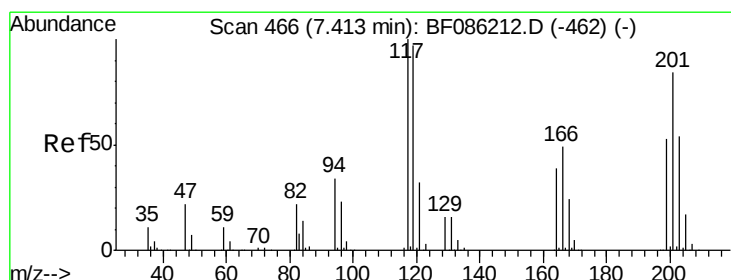
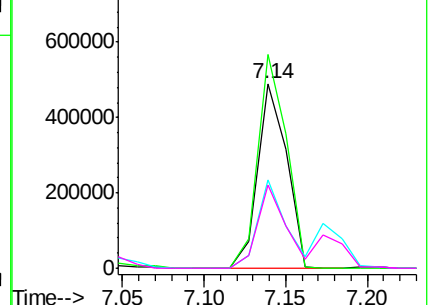
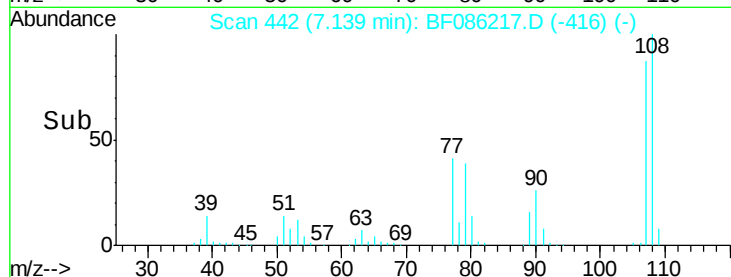


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.51 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

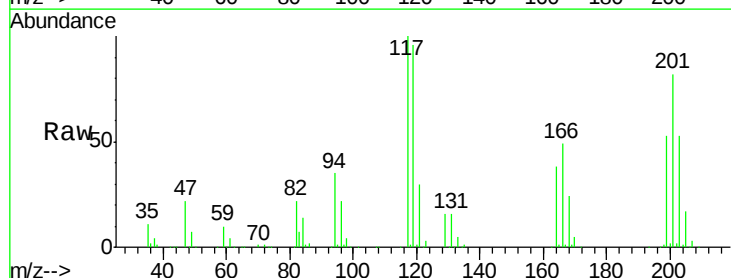
Tgt Ion:117 Resp: 281334

Ion Ratio Lower Upper

117 100

119 96.0 78.2 117.4

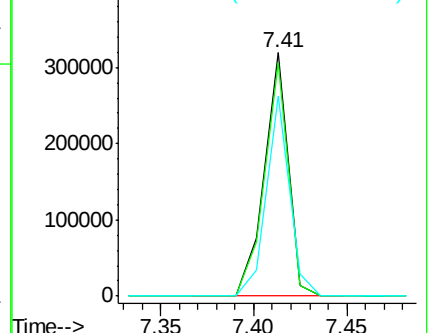
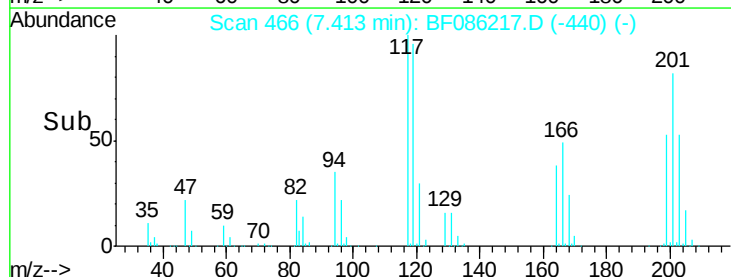
201 82.0 75.7 113.5

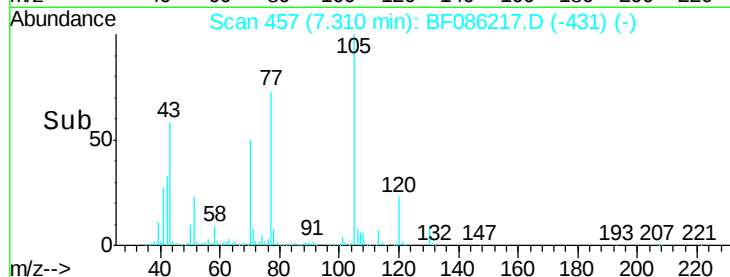
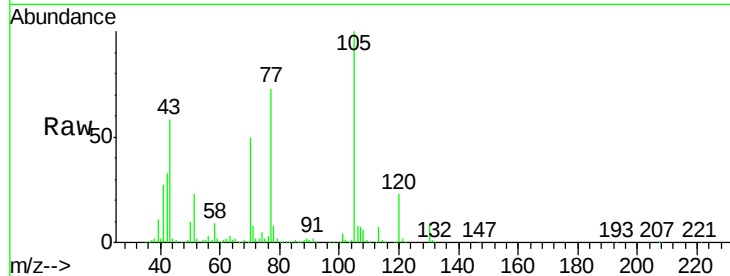
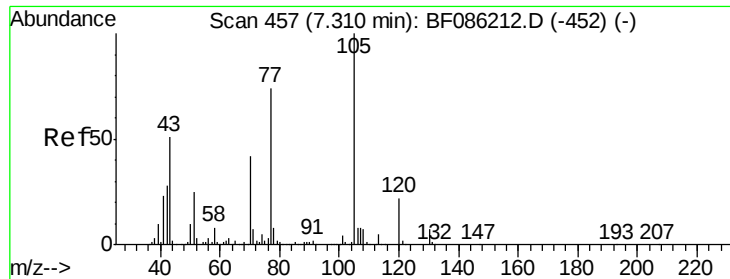


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

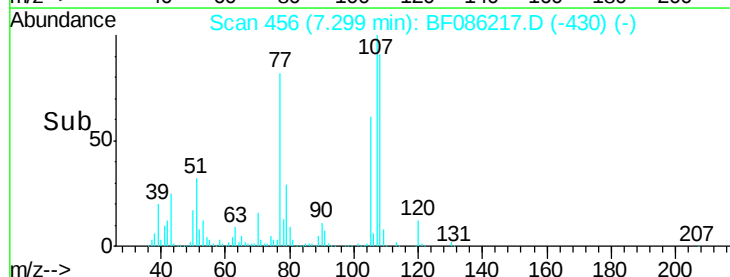
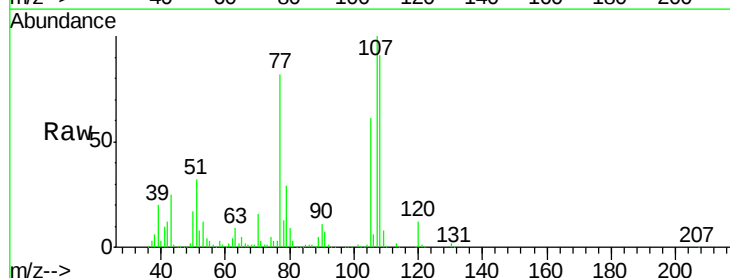
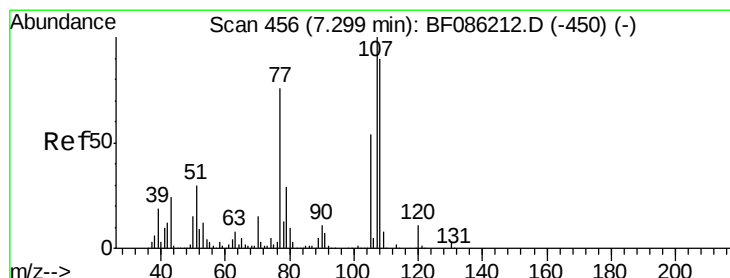
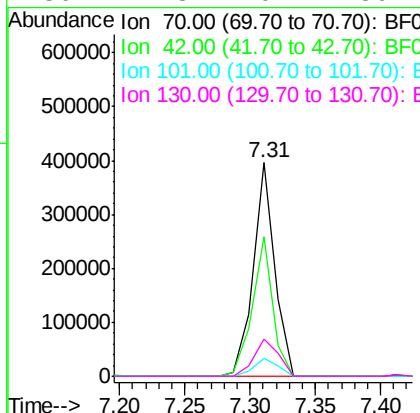




#19
n-Nitroso-di-n-propylamine
Concen: 34.34 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

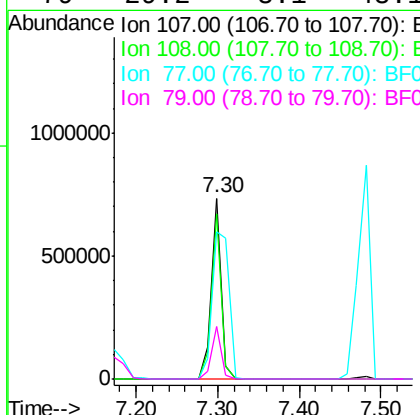
Instrument :
BNA_F
ClientSampleId :
ICVBF041516

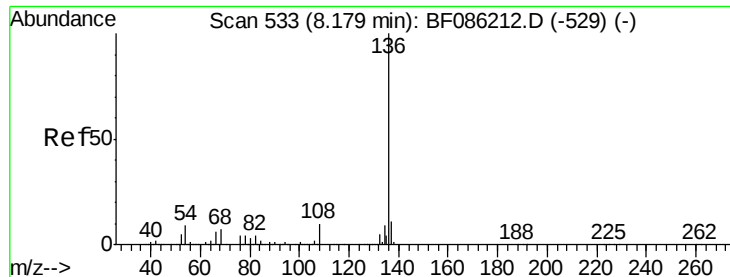
Tgt Ion: 70 Resp: 453776
Ion Ratio Lower Upper
70 100
42 65.5 43.0 64.4#
101 8.7 8.1 12.1
130 17.3 20.1 30.1#



#20
3+4-Methylphenols
Concen: 36.50 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion: 107 Resp: 636205
Ion Ratio Lower Upper
107 100
108 91.4 69.7 109.7
77 81.5 60.5 100.5
79 29.2 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: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tgt Ion:136 Resp: 1101650

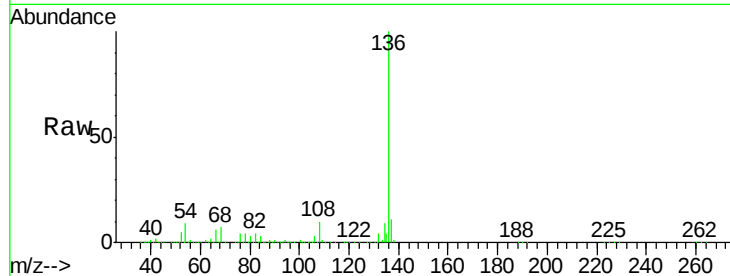
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.1 7.3 10.9

68 7.5 5.7 8.5

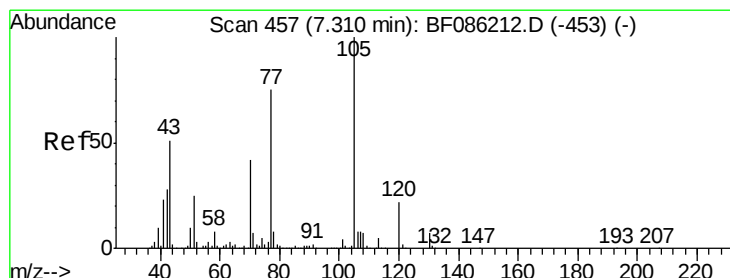
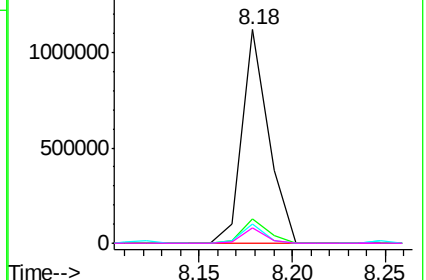
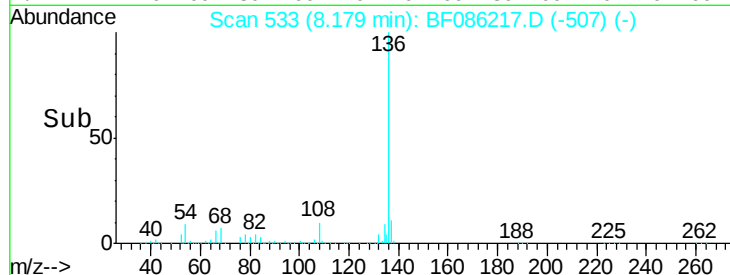


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.96 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:105 Resp: 875706

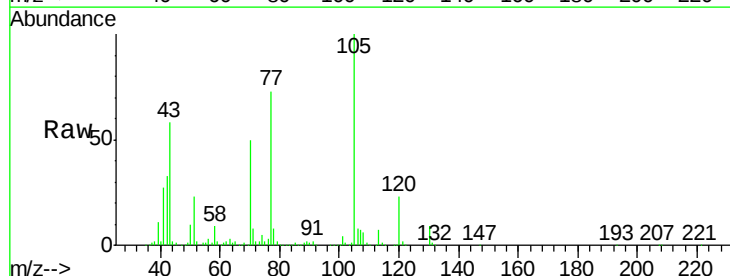
Ion Ratio Lower Upper

105 100

71 8.5 4.0 6.0#

51 22.9 22.0 33.0

120 22.6 17.5 26.3

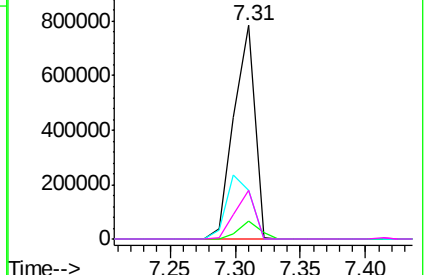
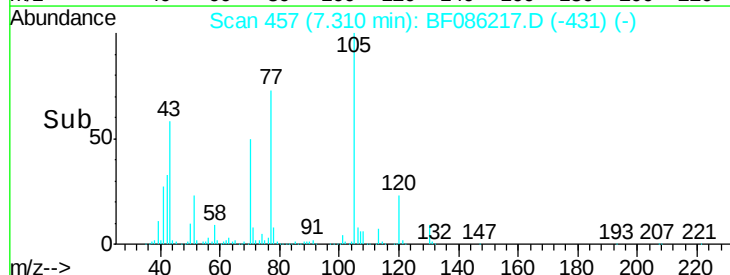


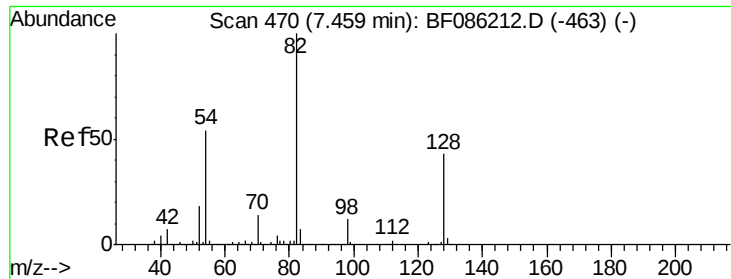
Abundance Ion 105.00 (104.70 to 105.70): E

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

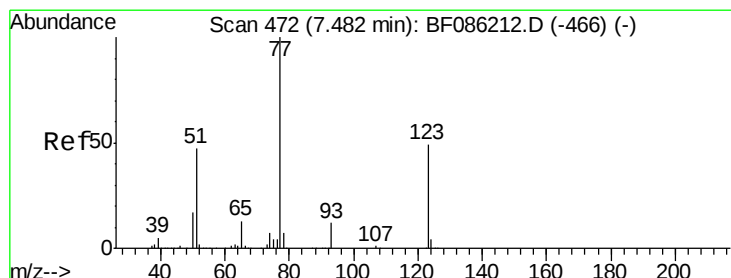
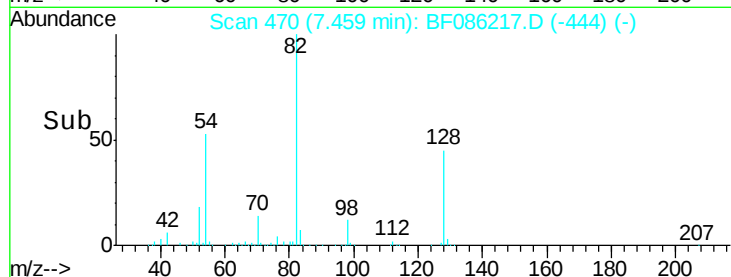
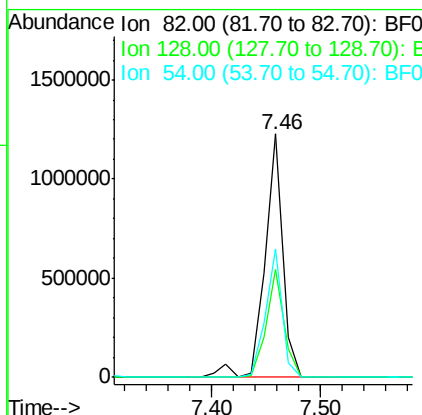
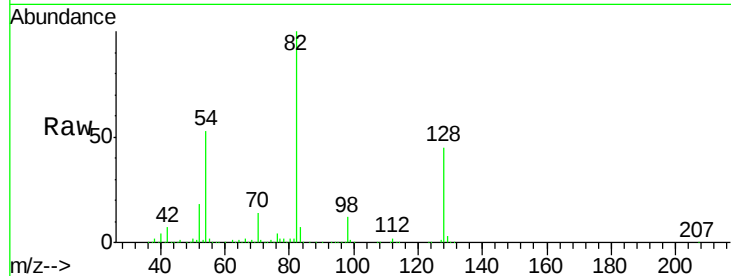




#23
 Nitrobenzene-d5
 Concen: 74.36 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

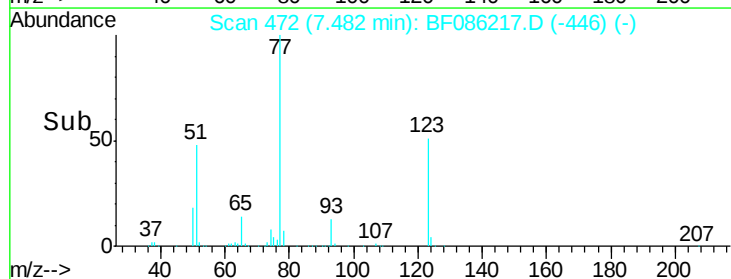
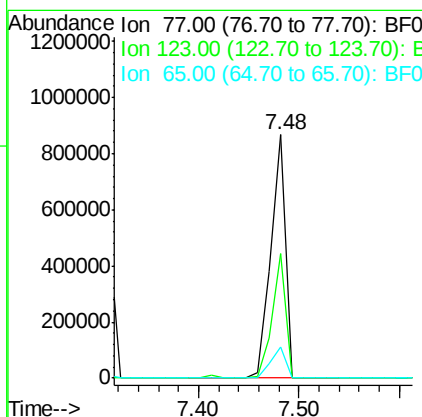
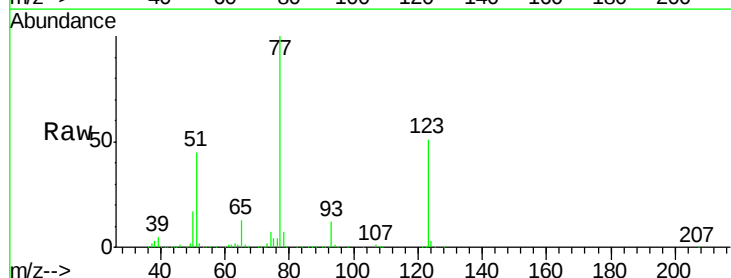
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

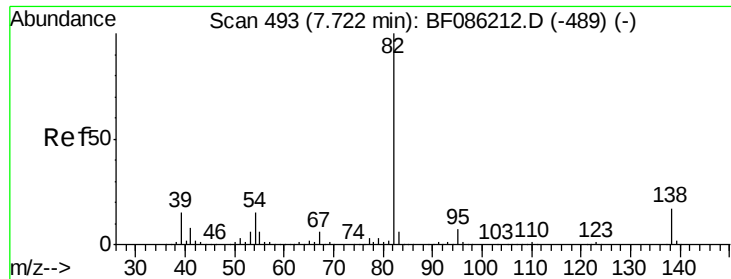
Tgt Ion: 82 Resp: 1420248
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.4 53.2
 54 52.6 43.4 65.0



#24
 Nitrobenzene
 Concen: 41.84 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion: 77 Resp: 873756
 Ion Ratio Lower Upper
 77 100
 123 51.0 38.3 57.5
 65 12.7 11.3 16.9





#25

Isophorone

Concen: 38.00 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

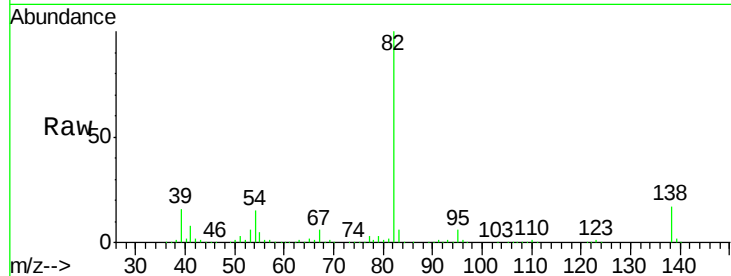
Tgt Ion: 82 Resp: 1440338

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

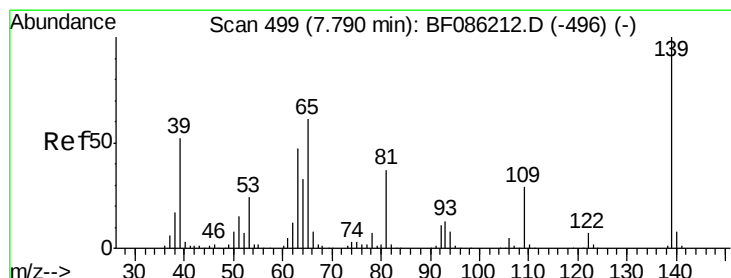
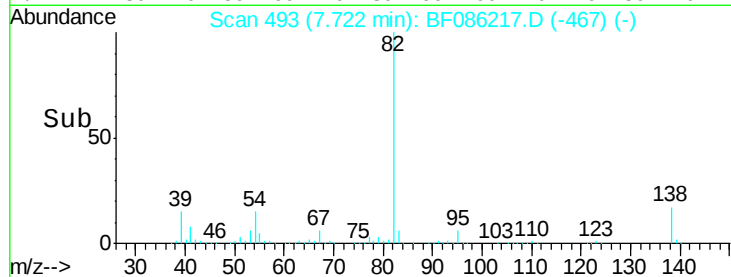
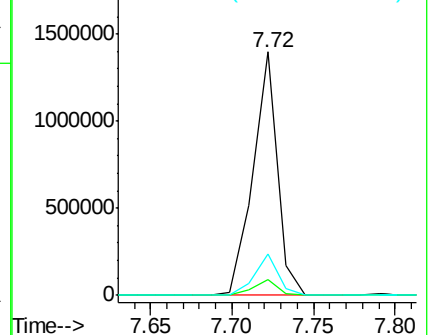
138 17.0 13.4 20.2



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: 39.66 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

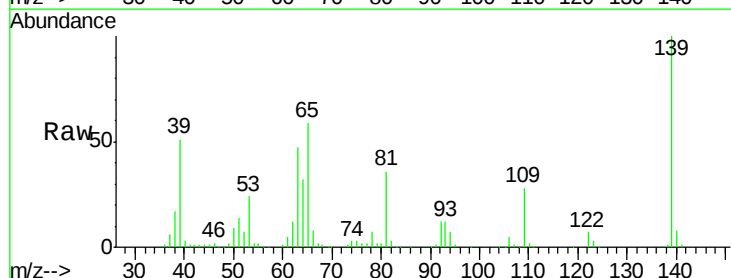
Tgt Ion: 139 Resp: 361095

Ion Ratio Lower Upper

139 100

109 27.6 25.8 38.8

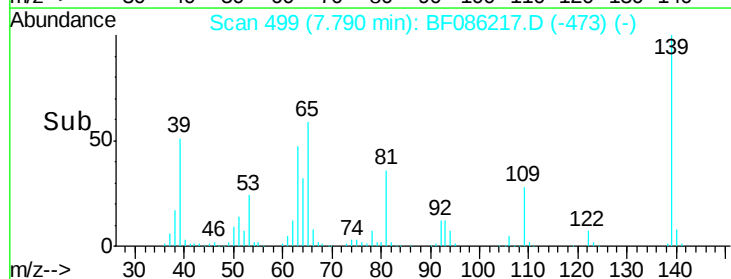
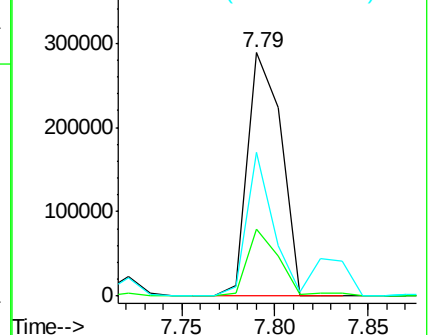
65 58.9 50.2 75.2

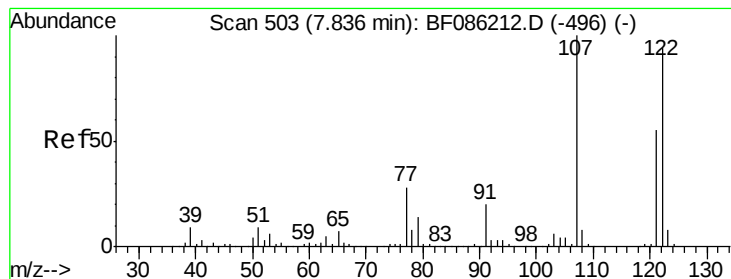


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.95 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

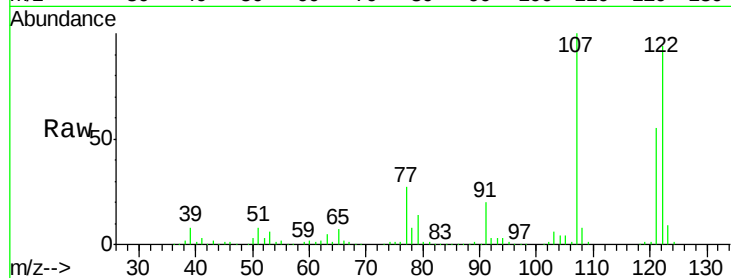
Tgt Ion:122 Resp: 716246

Ion Ratio Lower Upper

122 100

107 106.5 85.8 128.6

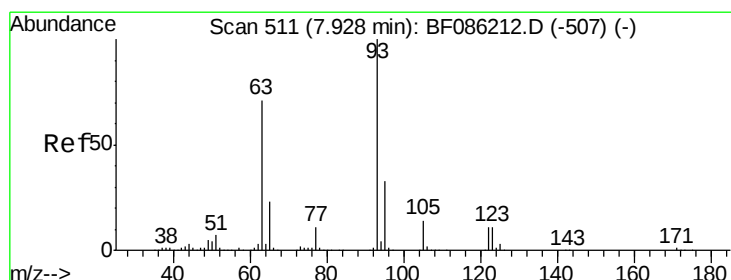
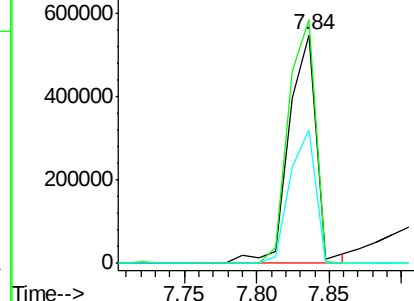
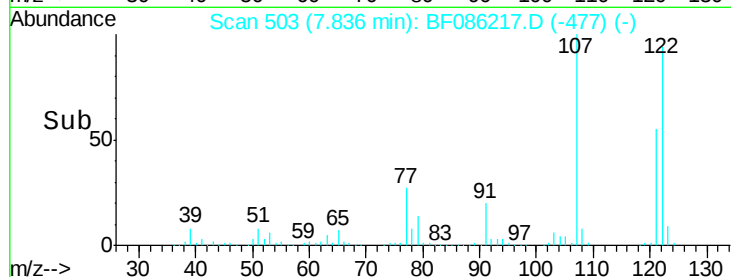
121 58.4 47.1 70.7



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: 35.62 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

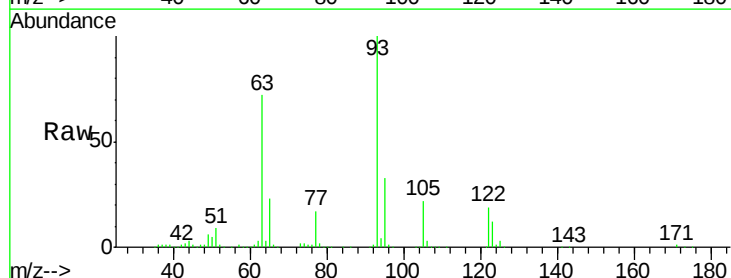
Tgt Ion: 93 Resp: 793605

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

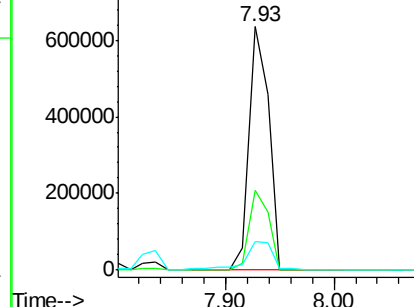
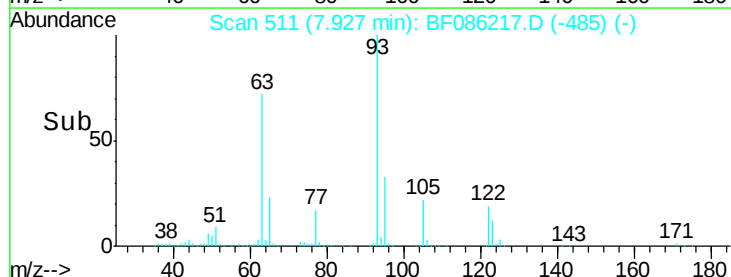
123 11.6 8.9 13.3

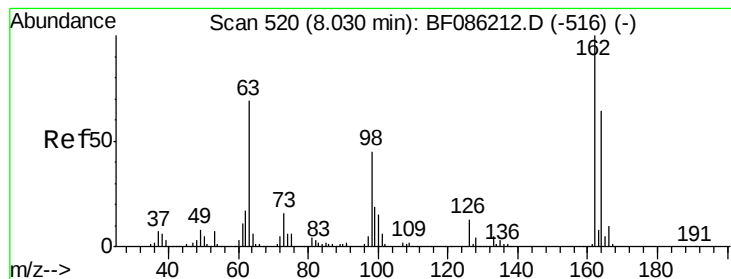


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.97 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

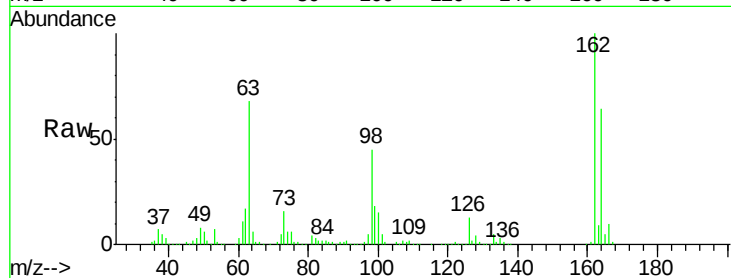
Tgt Ion:162 Resp: 516791

Ion Ratio Lower Upper

162 100

164 63.9 43.3 83.3

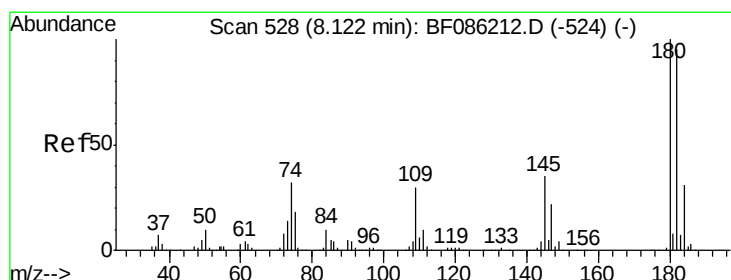
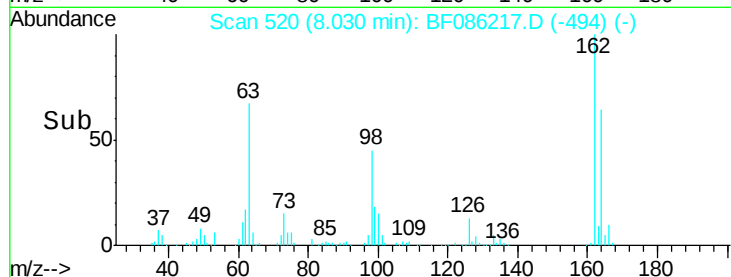
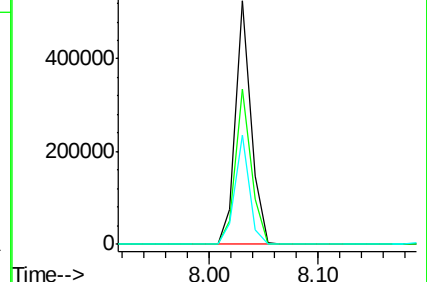
98 44.7 22.9 62.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.36 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

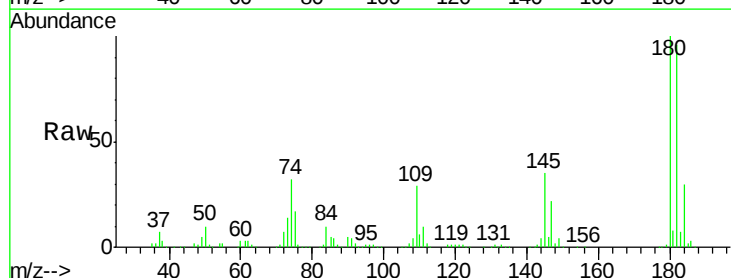
Tgt Ion:180 Resp: 546588

Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

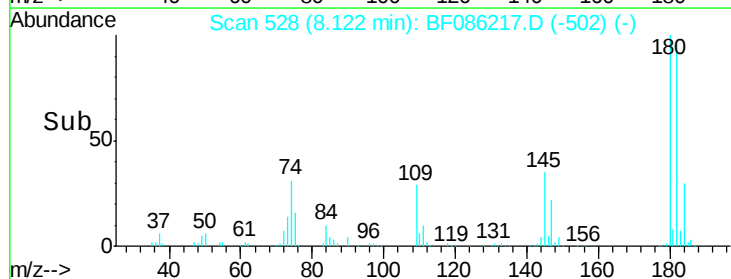
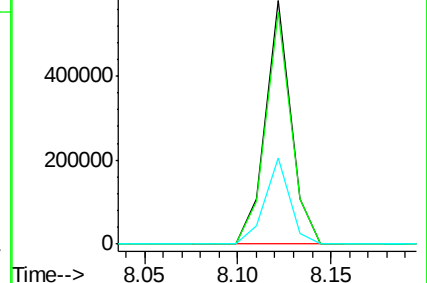
145 35.3 27.4 41.2

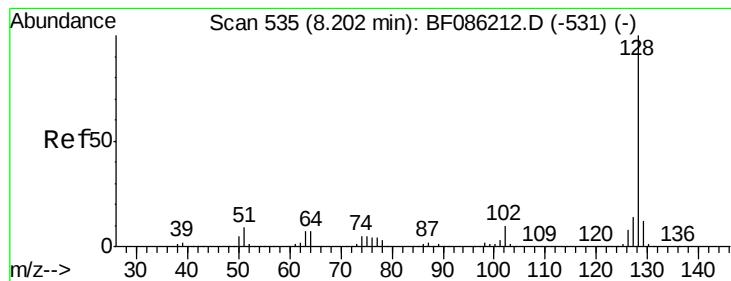


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.18 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

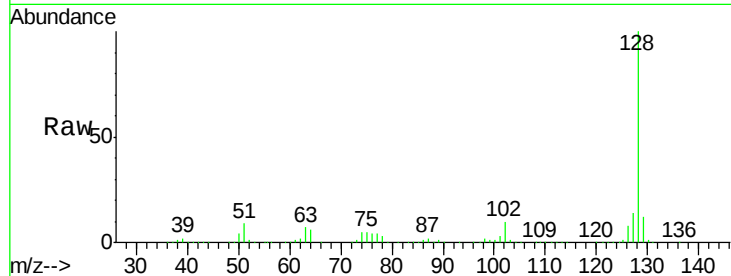
Tgt Ion:128 Resp: 1829097

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

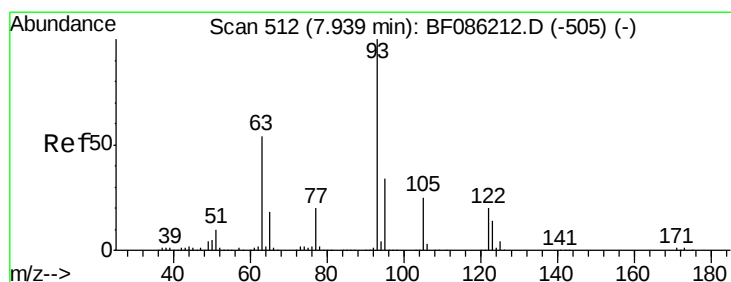
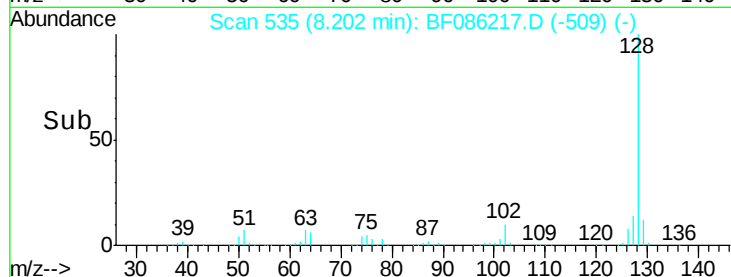
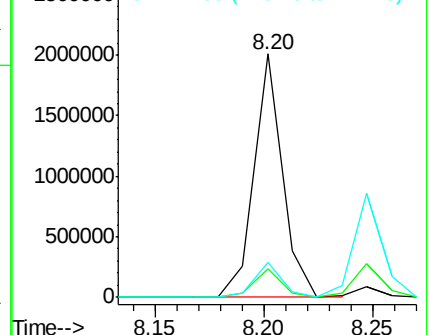
127 14.1 11.4 17.2



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: 42.33 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

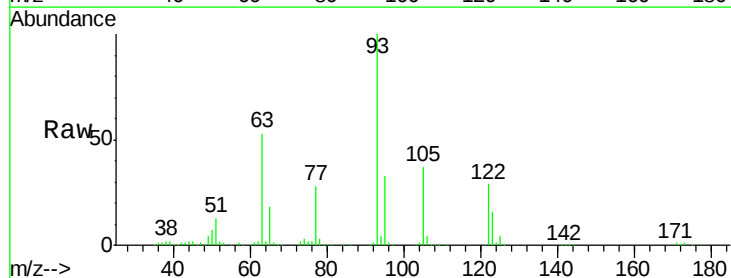
Tgt Ion:122 Resp: 497564

Ion Ratio Lower Upper

122 100

105 124.3 103.7 143.7

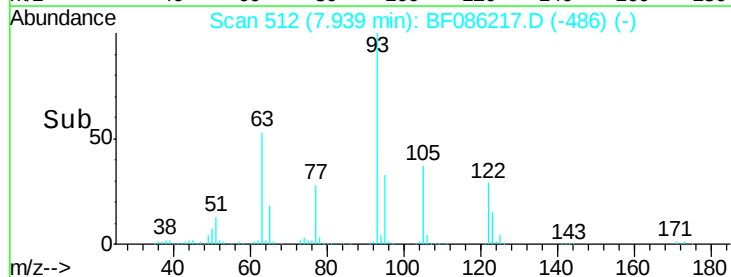
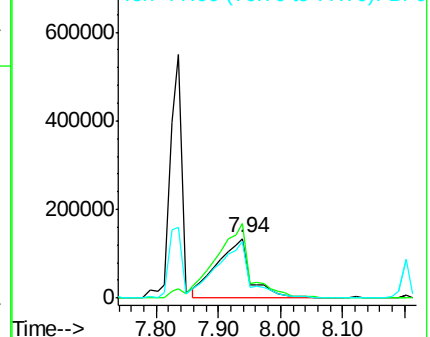
77 95.1 74.9 114.9

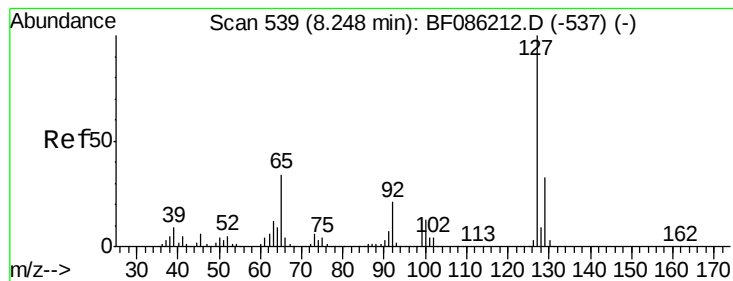


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.77 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tgt Ion:127 Resp: 786468

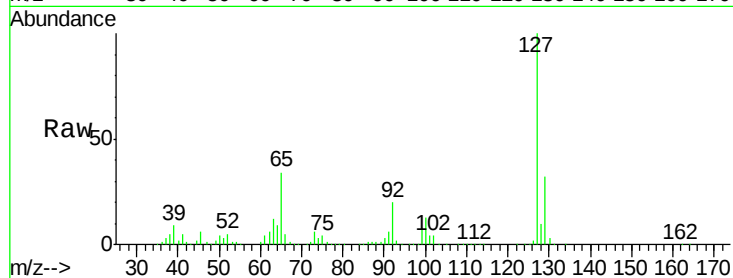
Ion Ratio Lower Upper

127 100

129 32.2 26.8 40.2

65 34.1 27.1 40.7

92 20.2 16.2 24.2

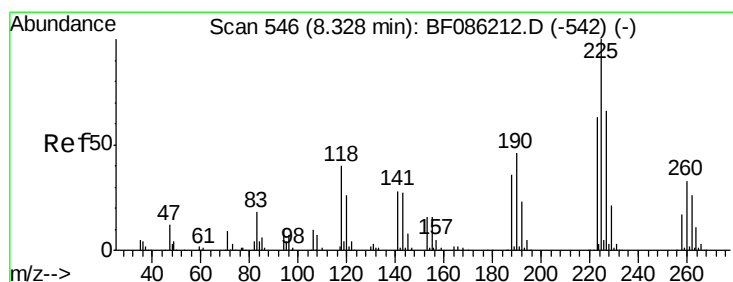
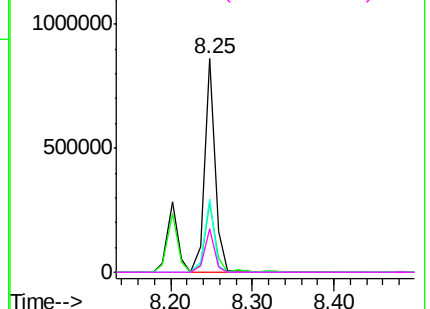
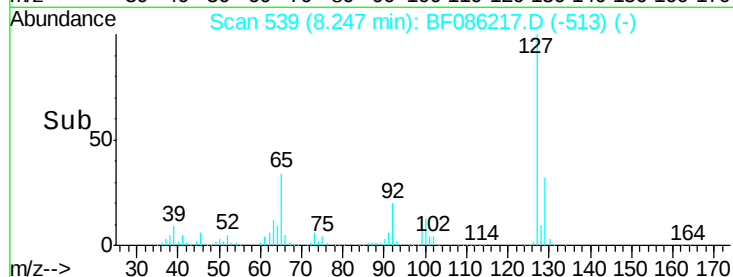


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 39.62 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

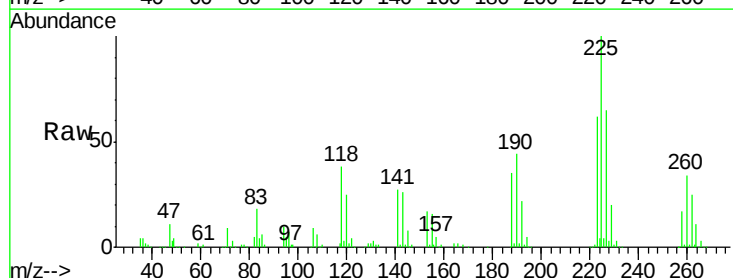
Tgt Ion:225 Resp: 290423

Ion Ratio Lower Upper

225 100

223 62.1 49.4 74.0

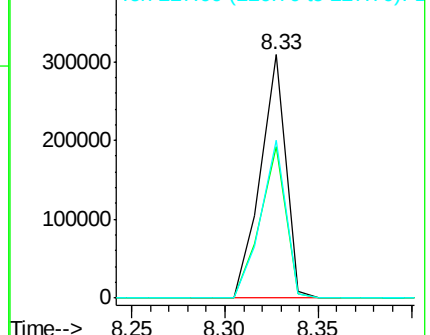
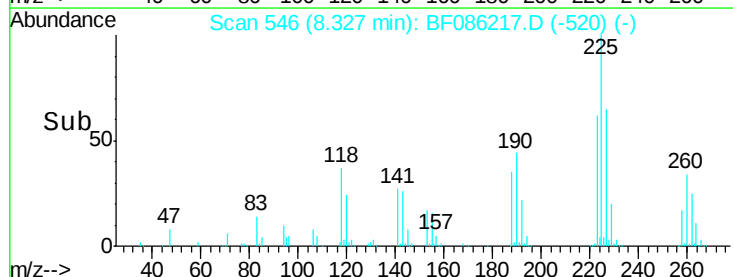
227 65.0 51.1 76.7

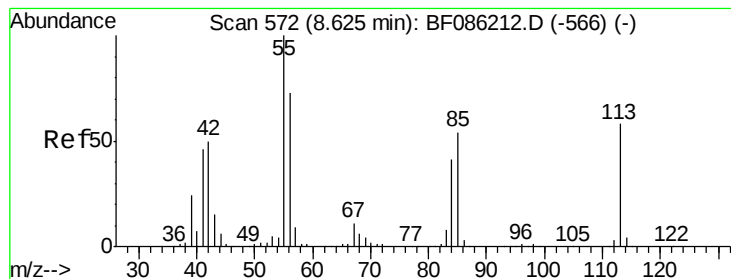


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.25 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

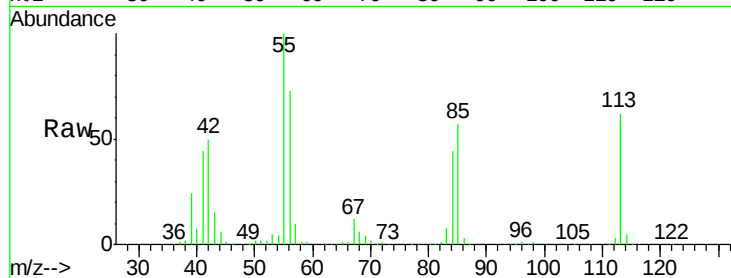
Tgt Ion:113 Resp: 208780

Ion Ratio Lower Upper

113 100

55 161.9 117.5 157.5#

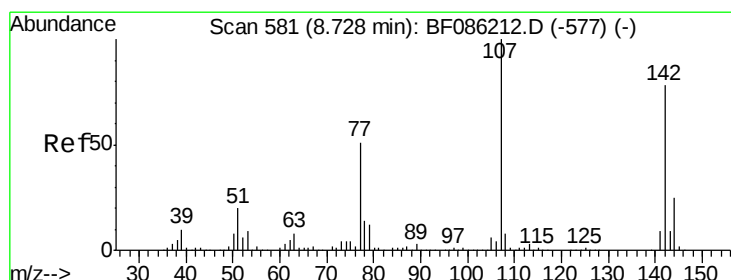
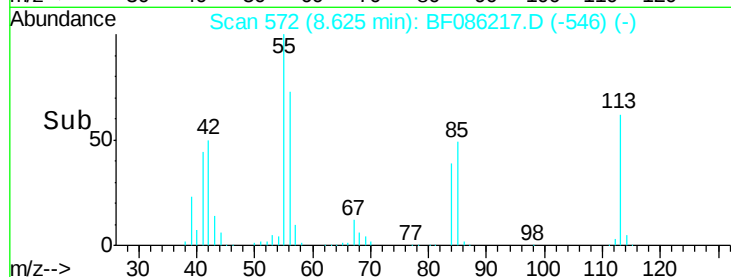
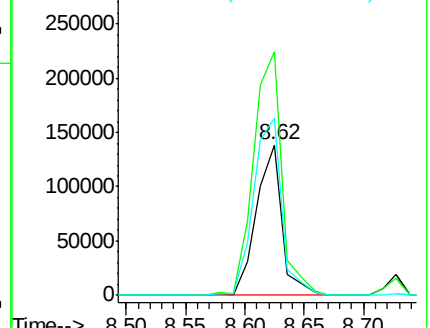
56 117.6 82.5 122.5



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: 40.15 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

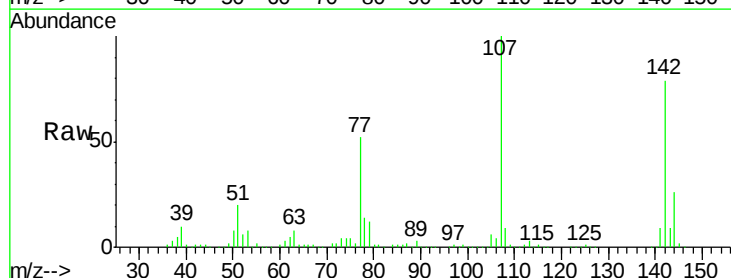
Tgt Ion:107 Resp: 650411

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

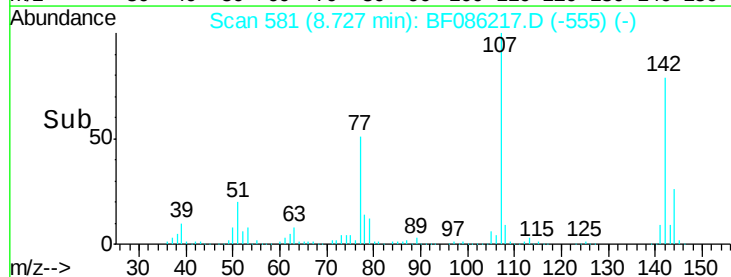
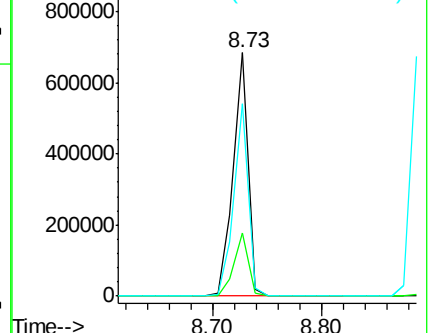
142 79.2 64.5 96.7

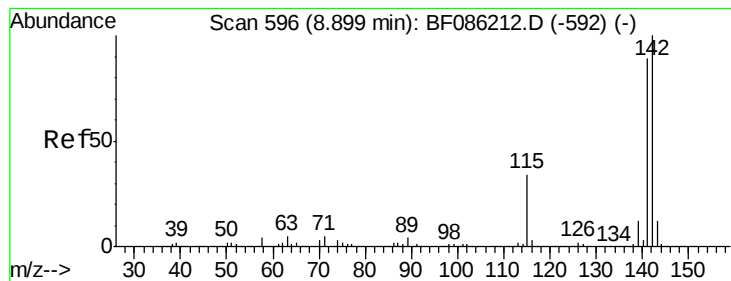


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.28 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

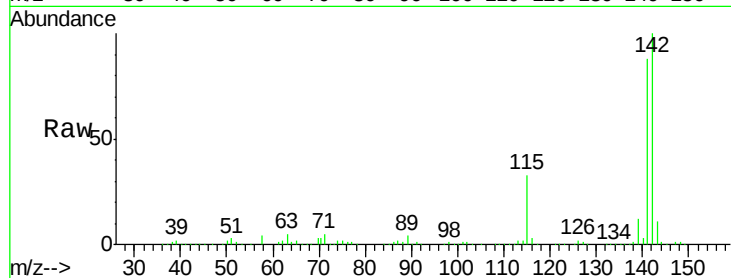
Tgt Ion:142 Resp: 1249522

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

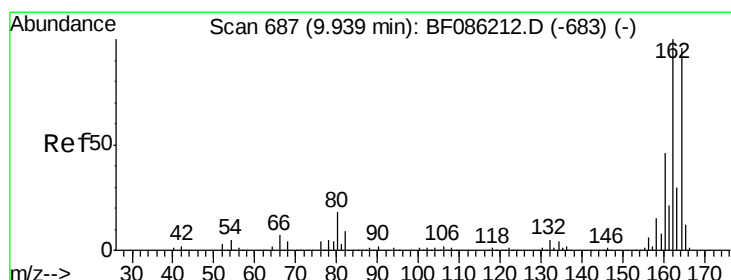
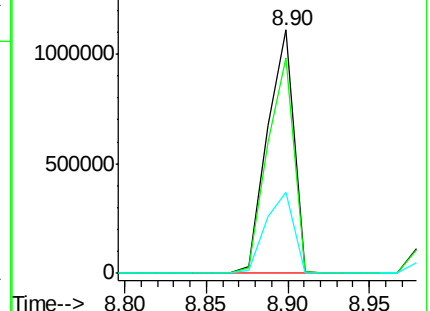
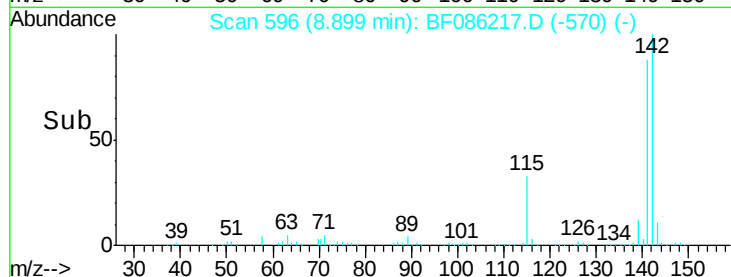
115 33.3 25.1 37.7



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: BF086217.D

Acq: 15 Apr 2016 15:20

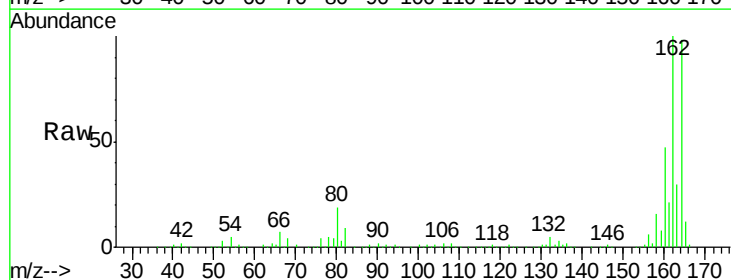
Tgt Ion:164 Resp: 511464

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

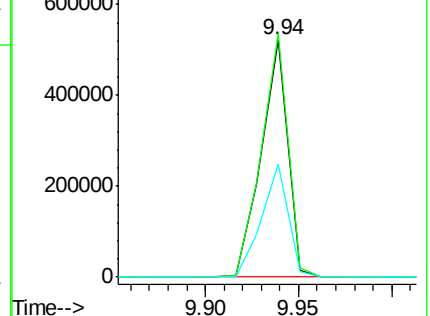
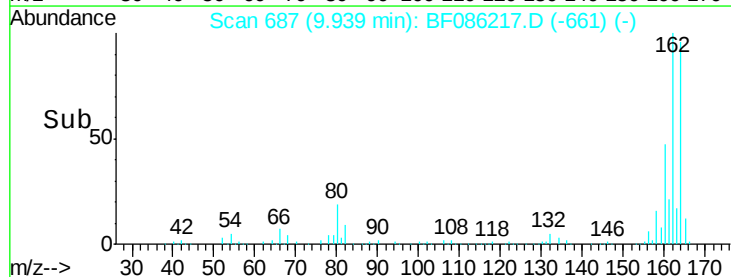
160 47.7 38.9 58.3

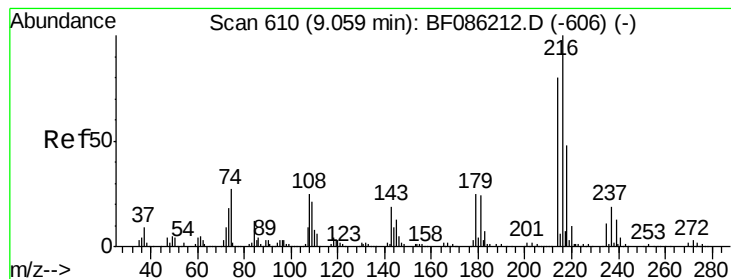


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tgt Ion:216 Resp: 442059

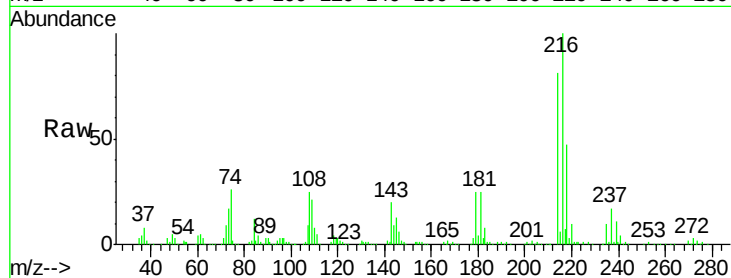
Ion Ratio Lower Upper

216 100

214 79.8 64.9 97.3

179 24.3 19.8 29.6

108 25.9 21.0 31.4

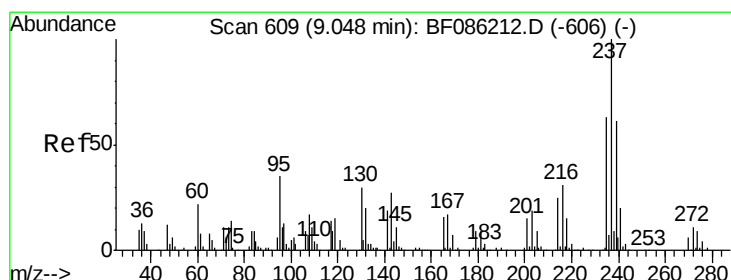
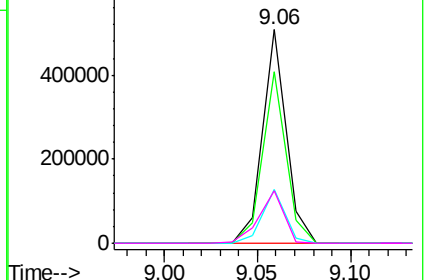
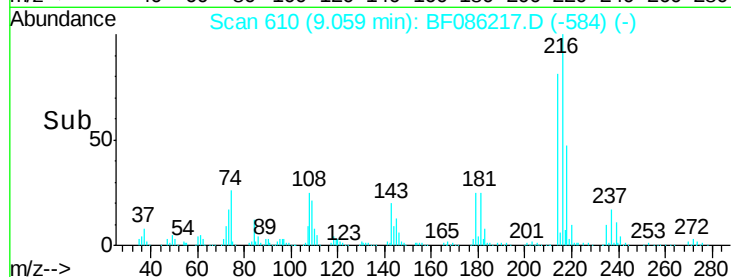


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.45 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

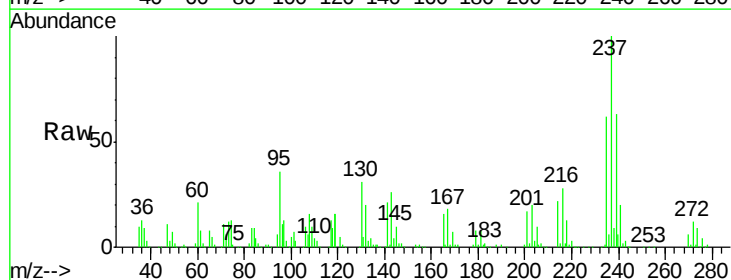
Tgt Ion:237 Resp: 219786

Ion Ratio Lower Upper

237 100

235 62.2 44.0 84.0

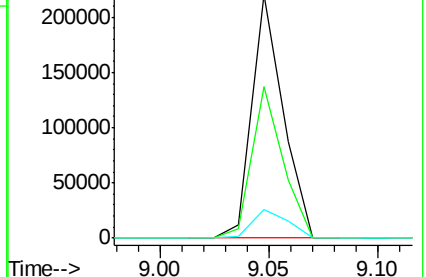
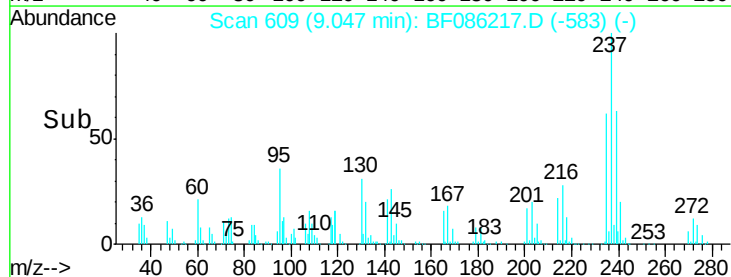
272 11.8 0.0 32.4

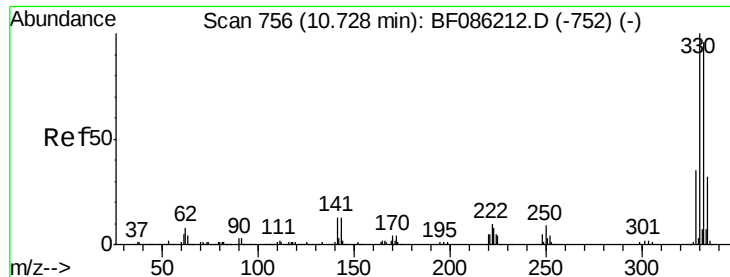


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

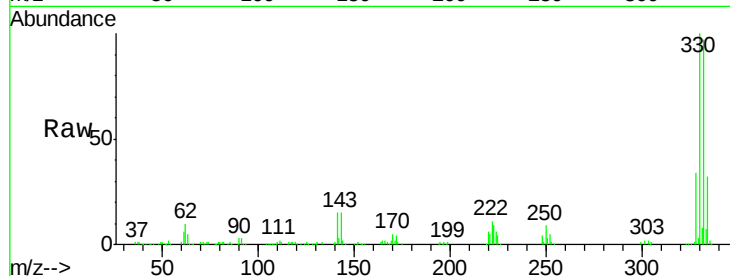




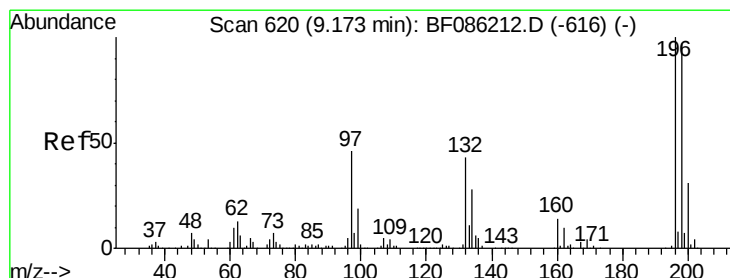
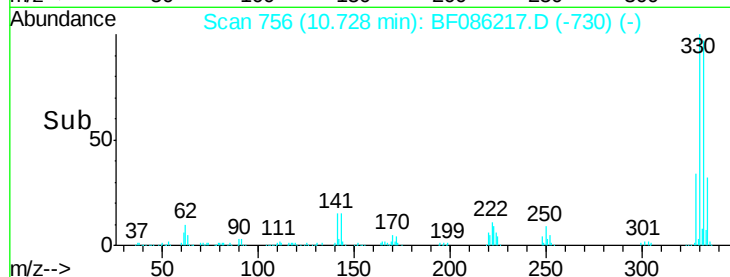
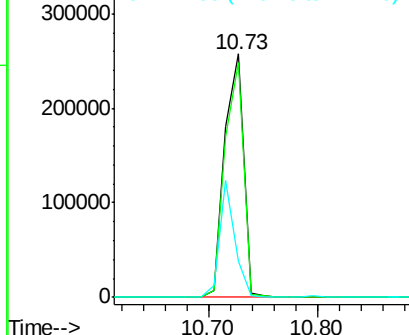
#41
 2,4,6-Tribromophenol
 Concen: 75.72 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion:330 Resp: 310968
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.7 118.1
 141 39.1 28.6 42.8

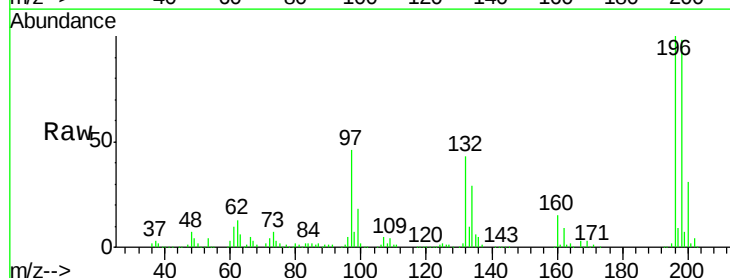


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

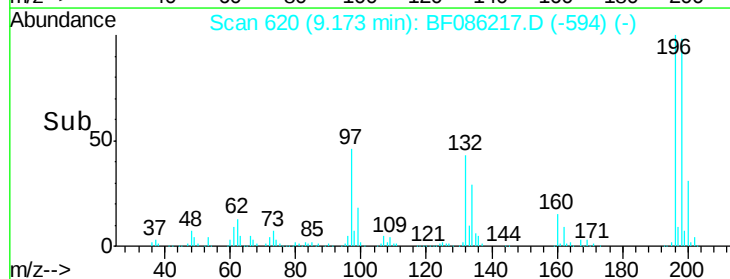
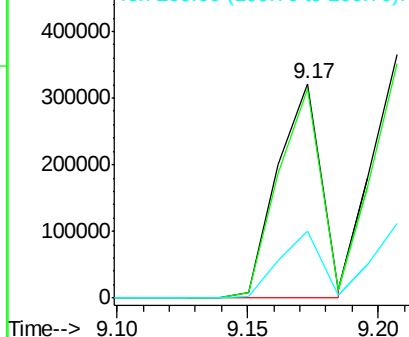


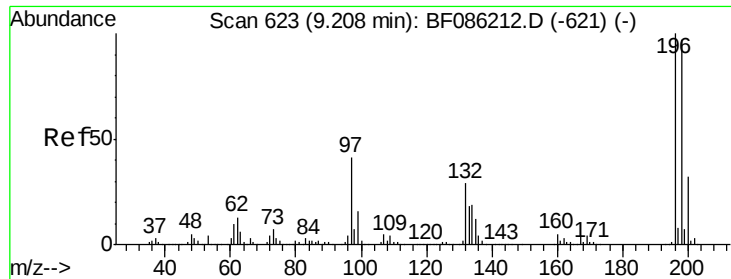
#42
 2,4,6-Trichlorophenol
 Concen: 36.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:196 Resp: 372332
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 31.0 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

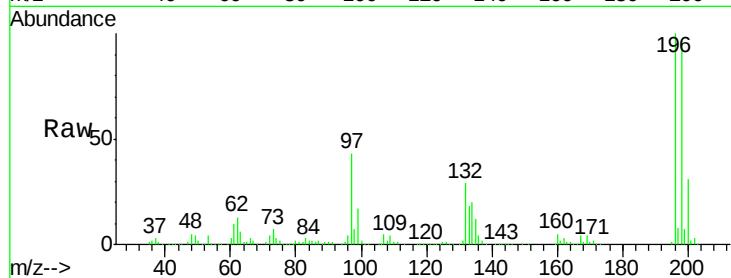




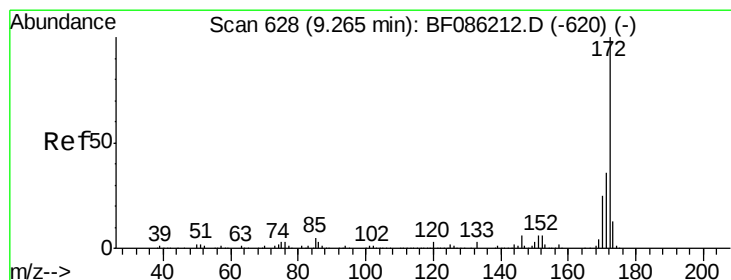
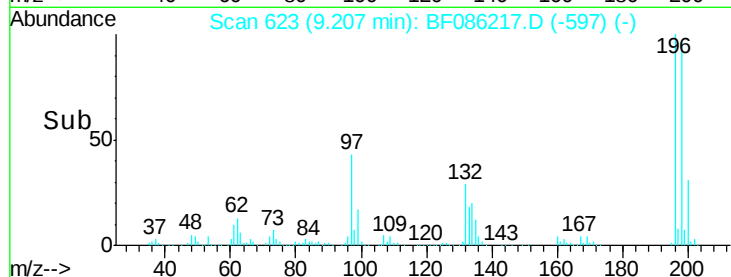
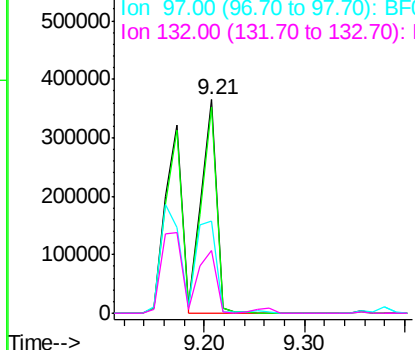
#43
 2,4,5-Trichlorophenol
 Concen: 39.57 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion:	196	Resp:	385139
Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.7	116.5
97	43.4	32.6	48.8
132	29.2	21.4	32.0

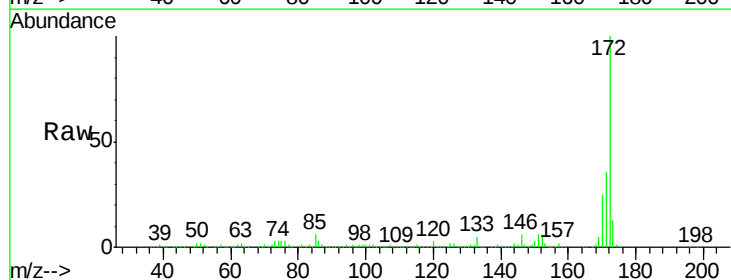


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

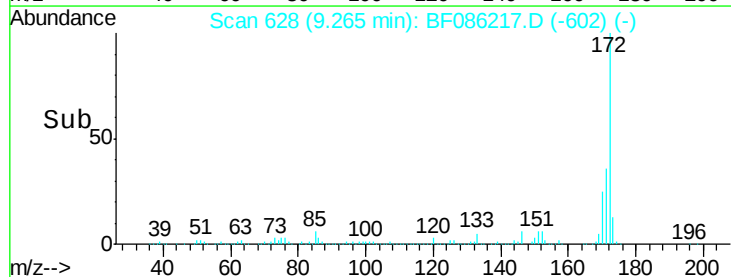
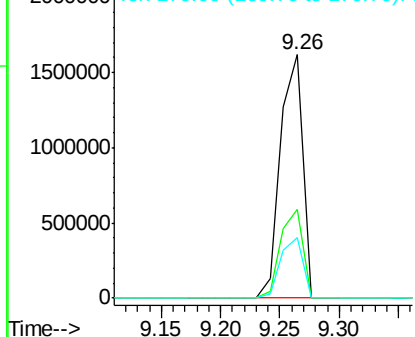


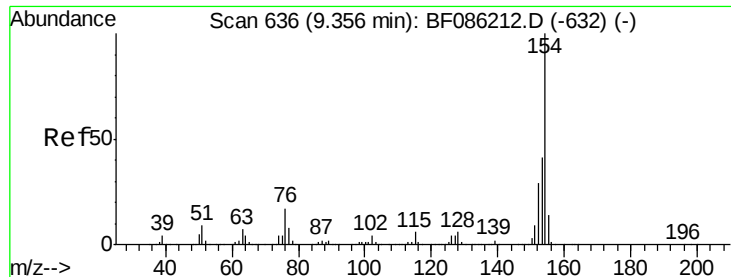
#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:	172	Resp:	2074278
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.8	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

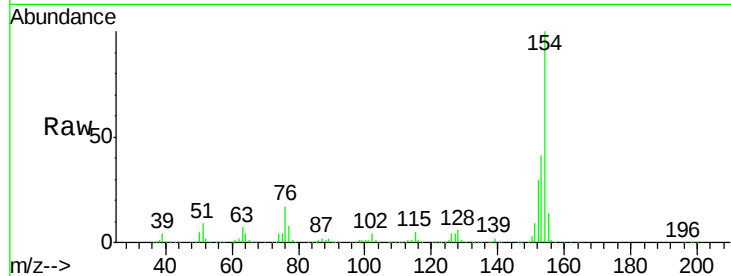




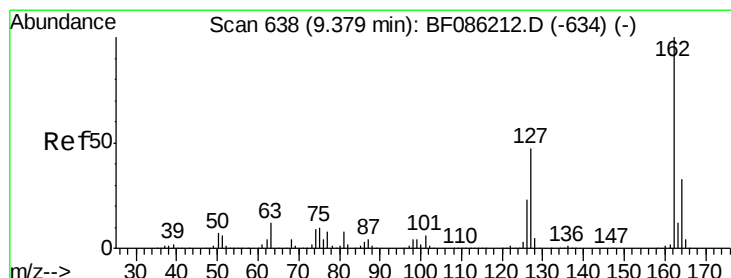
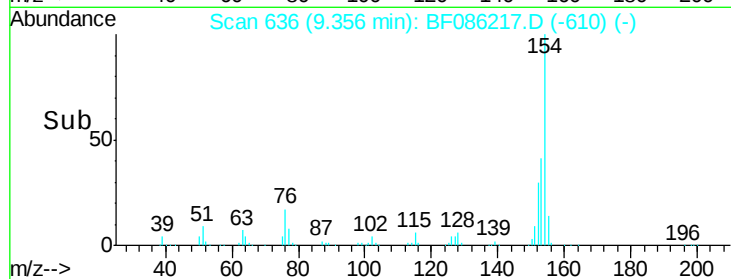
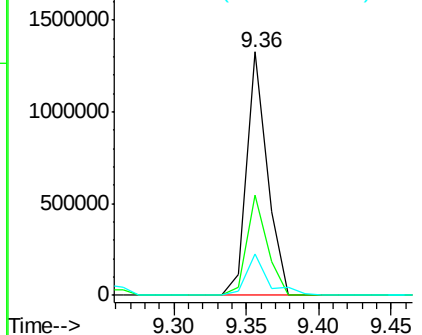
#45
 1,1'-Biphenyl
 Concen: 35.28 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion:154 Resp: 1299036
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 16.8 0.0 36.4

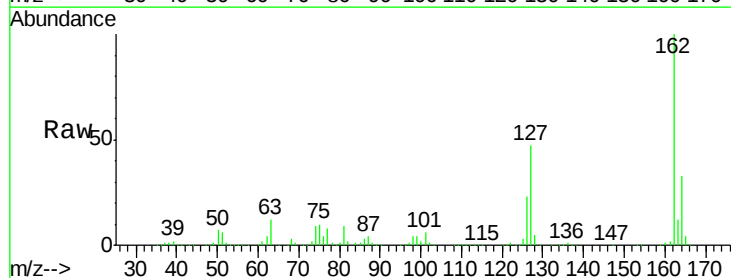


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

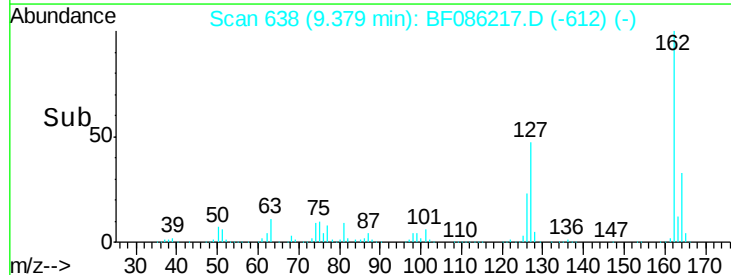
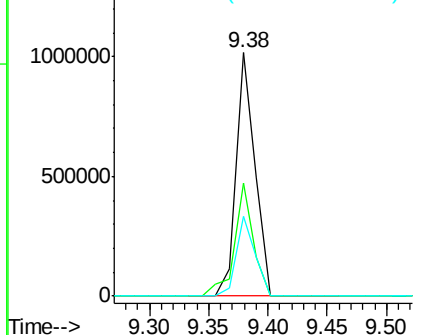


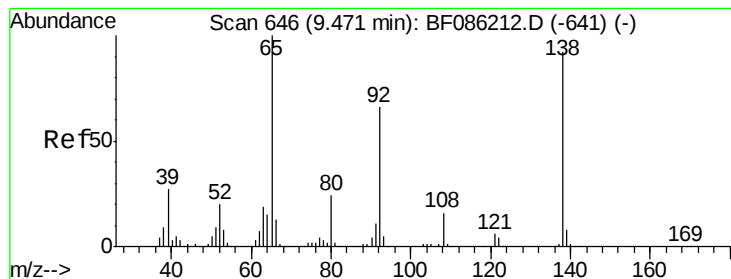
#46
 2-Chloronaphthalene
 Concen: 37.10 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:162 Resp: 1115174
 Ion Ratio Lower Upper
 162 100
 127 46.7 36.7 55.1
 164 32.7 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: 36.69 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

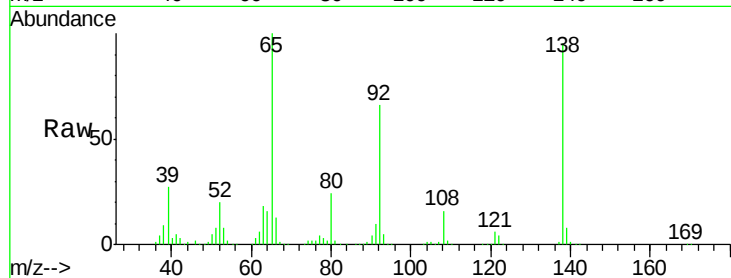
Tgt Ion: 65 Resp: 357296

Ion Ratio Lower Upper

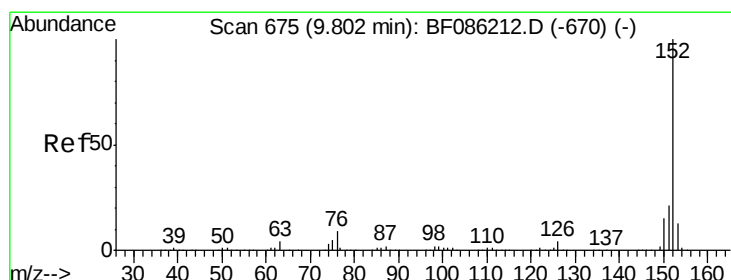
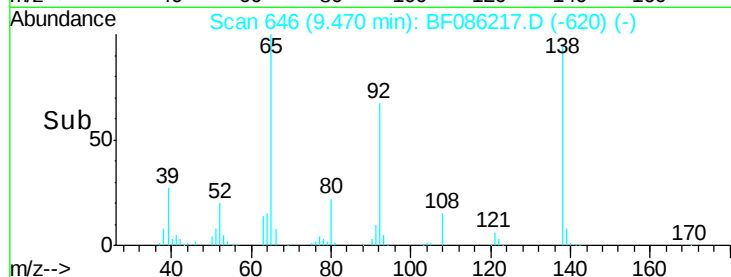
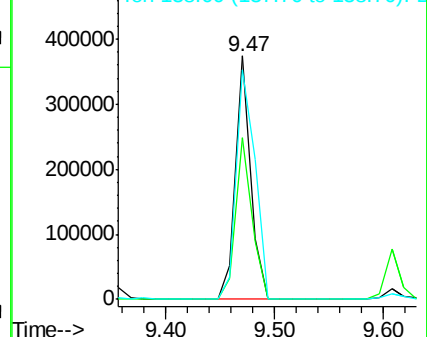
65 100

92 66.3 51.9 77.9

138 94.5 72.6 108.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.59 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

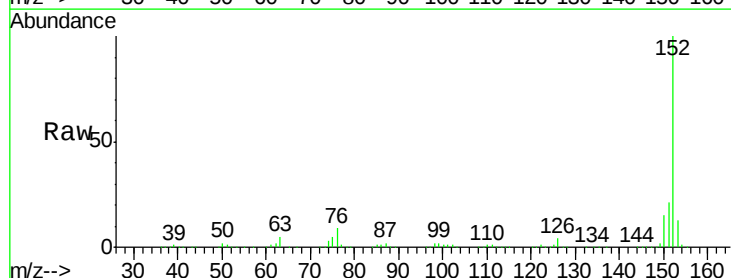
Tgt Ion: 152 Resp: 1941655

Ion Ratio Lower Upper

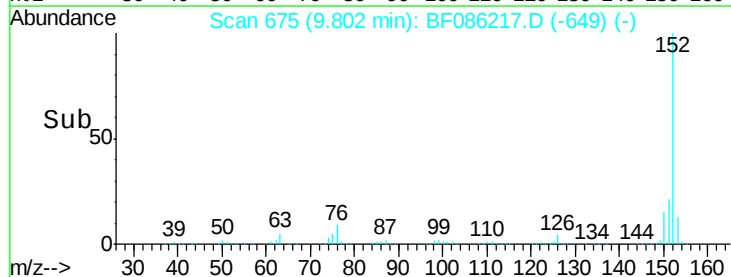
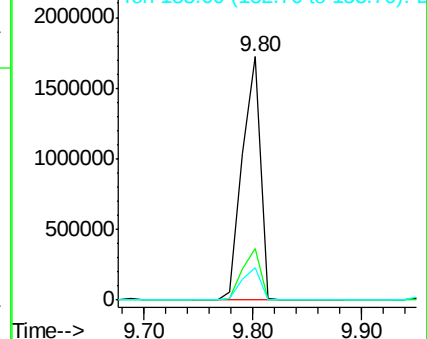
152 100

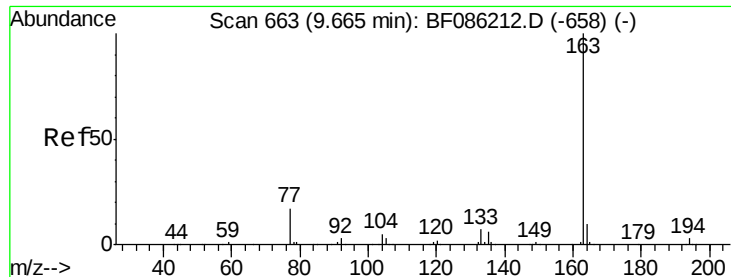
151 21.0 17.2 25.8

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.19 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

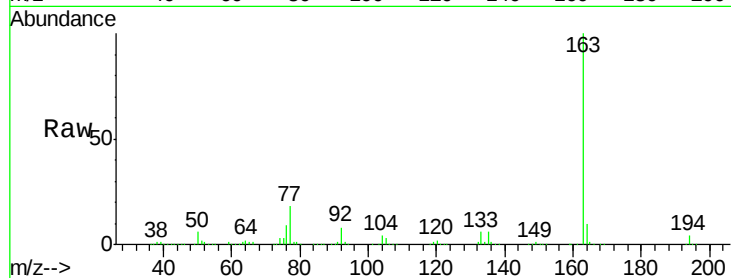
Tgt Ion:163 Resp: 1420090

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

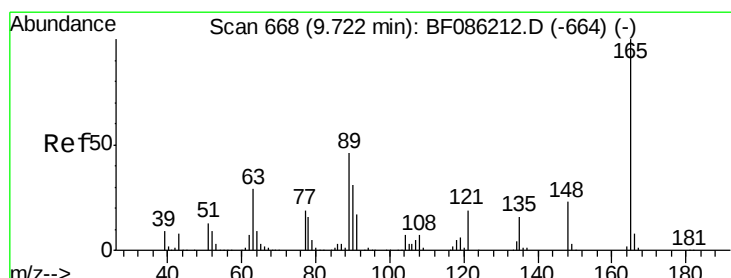
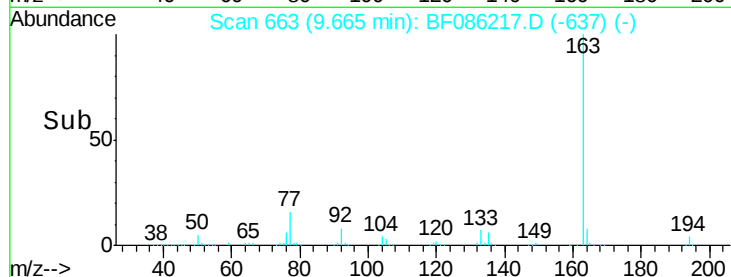
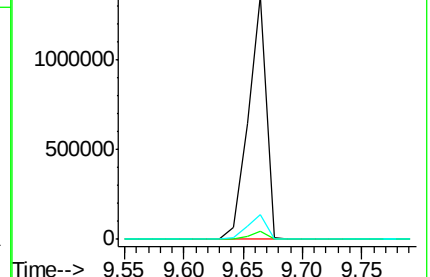
164 10.1 8.4 12.6



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: 41.11 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

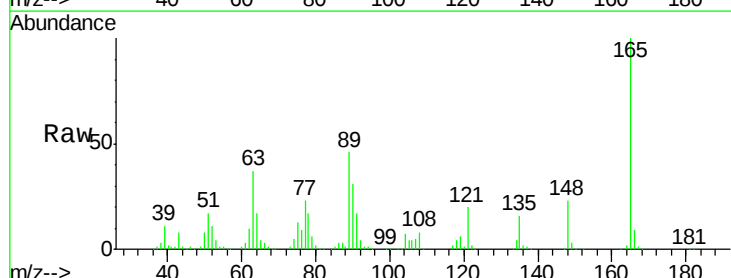
Tgt Ion:165 Resp: 338283

Ion Ratio Lower Upper

165 100

63 37.4 35.1 52.7

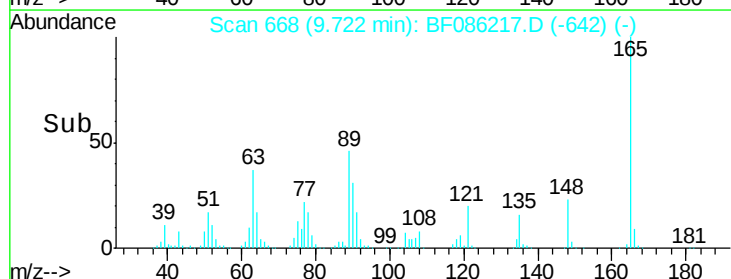
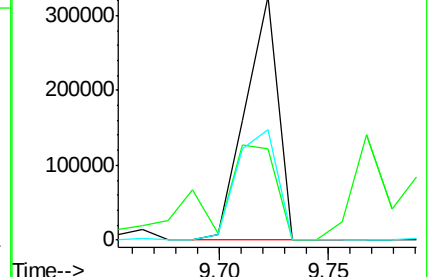
89 45.6 39.8 59.6

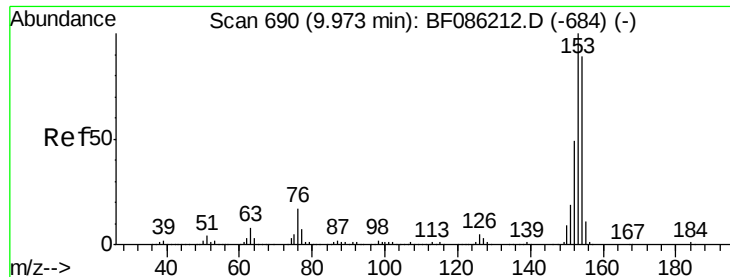


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.20 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

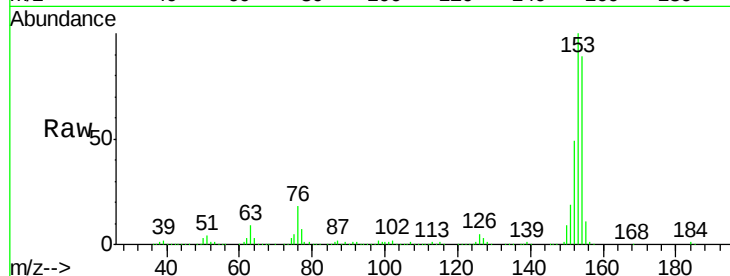
Tgt Ion:154 Resp: 1148555

Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

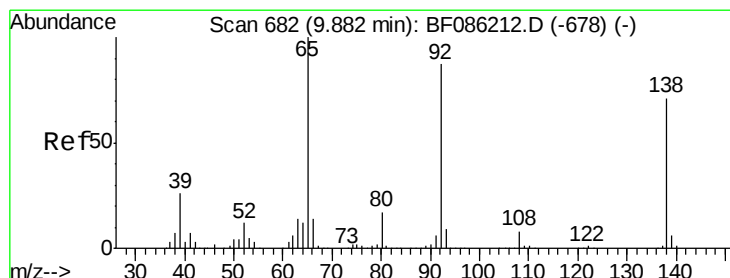
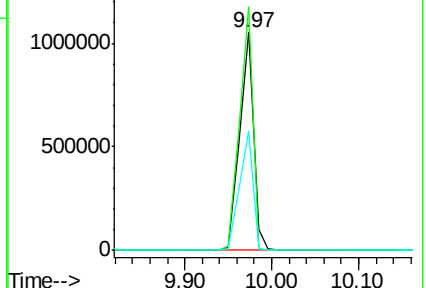
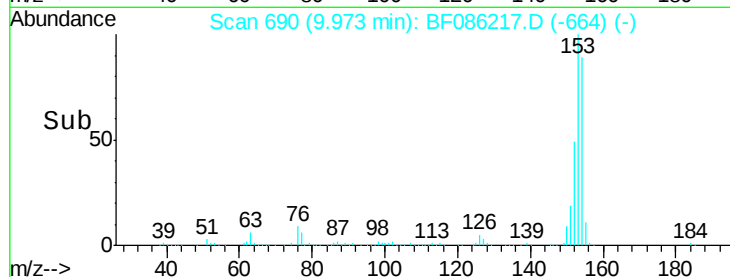
152 55.2 44.3 66.5



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: 33.93 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

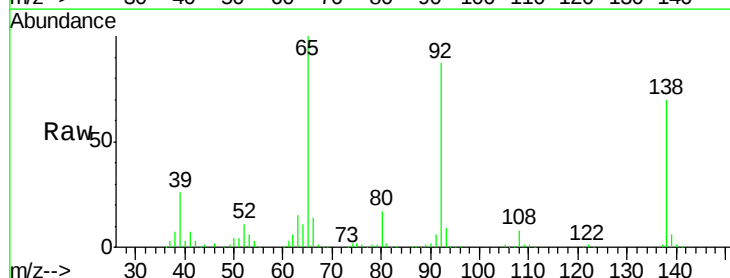
Tgt Ion:138 Resp: 339320

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

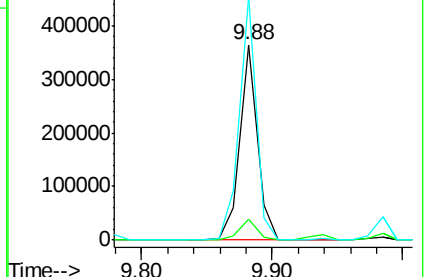
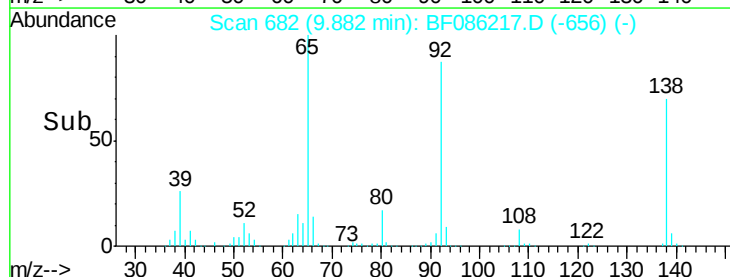
92 124.8 99.3 148.9

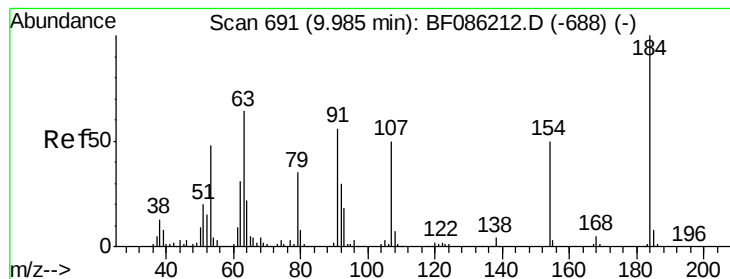


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 41.88 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

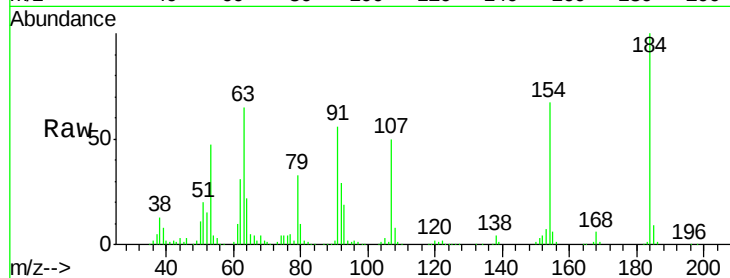
Tgt Ion:184 Resp: 120950

Ion Ratio Lower Upper

184 100

63 64.8 64.7 97.1

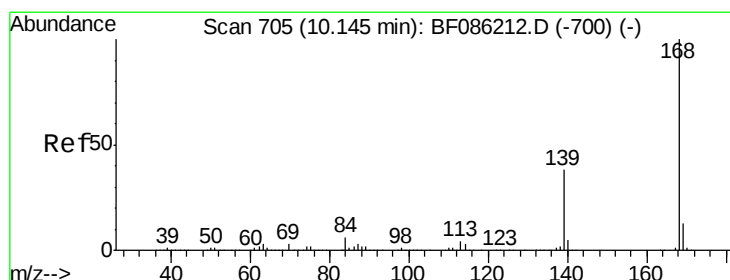
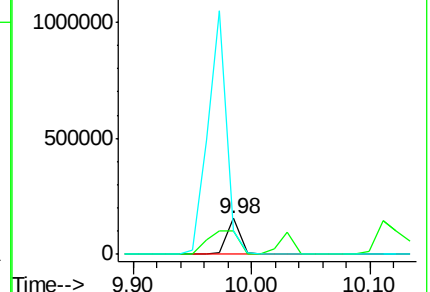
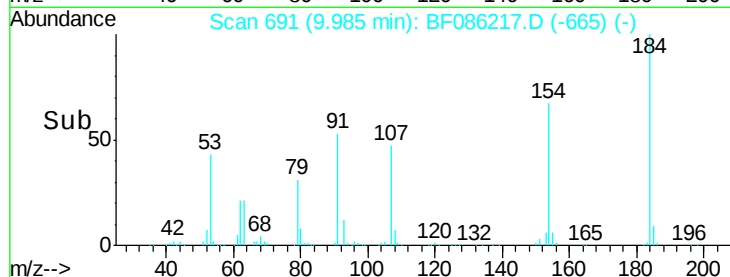
154 66.9 59.4 89.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.13 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

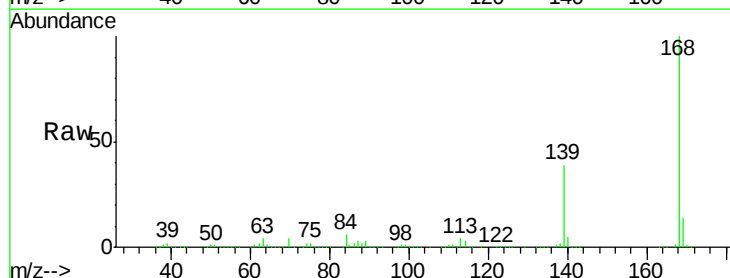
Tgt Ion:168 Resp: 1514235

Ion Ratio Lower Upper

168 100

139 39.1 29.5 44.3

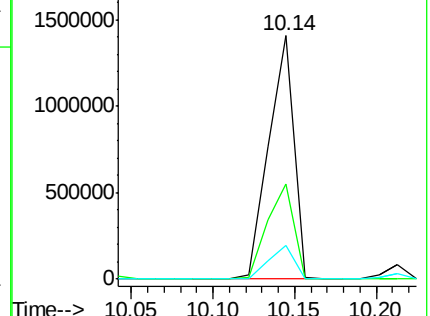
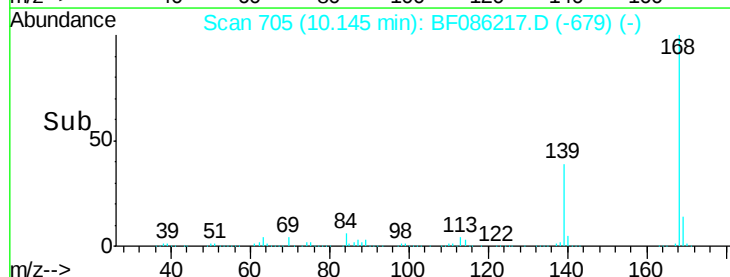
169 13.6 10.6 16.0

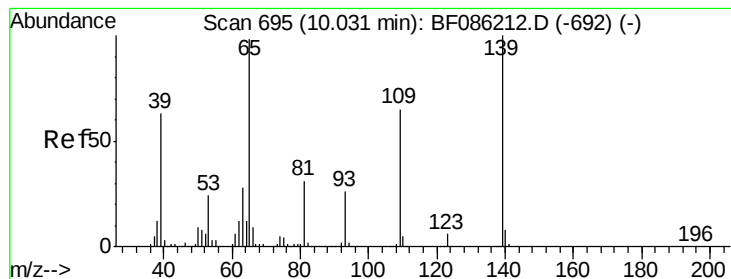


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.45 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

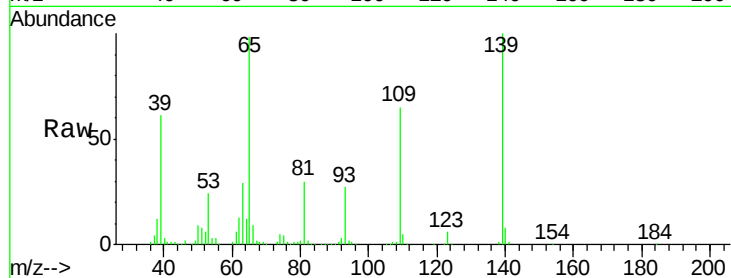
Tgt Ion:139 Resp: 300747

Ion Ratio Lower Upper

139 100

109 65.4 55.0 95.0

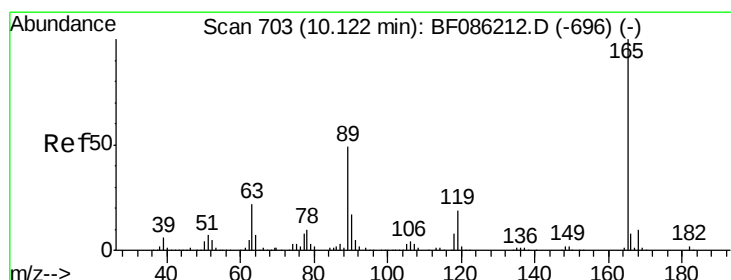
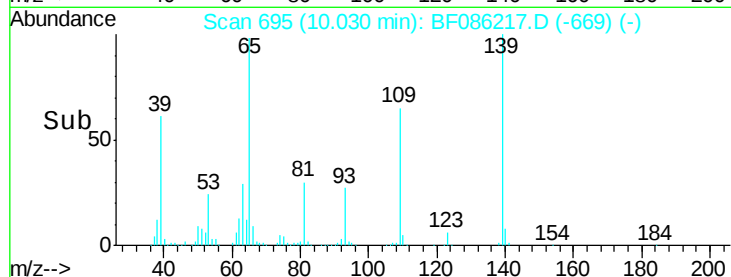
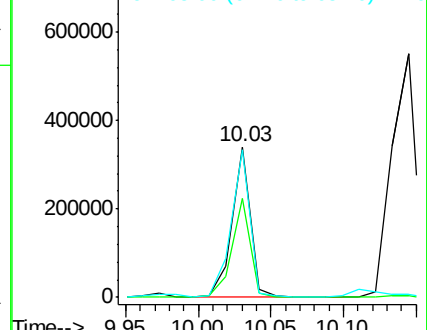
65 97.8 87.3 127.3



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: 42.27 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:165 Resp: 445302

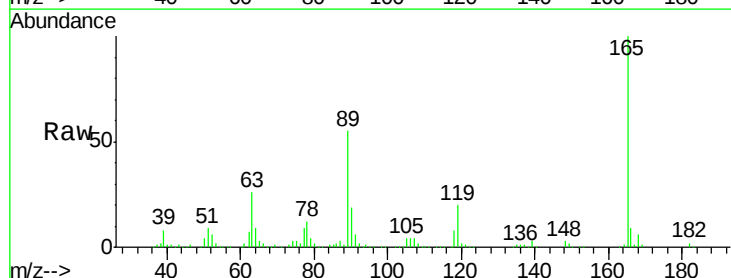
Ion Ratio Lower Upper

165 100

63 26.2 26.6 40.0#

89 55.1 49.5 74.3

182 2.1 1.9 2.9

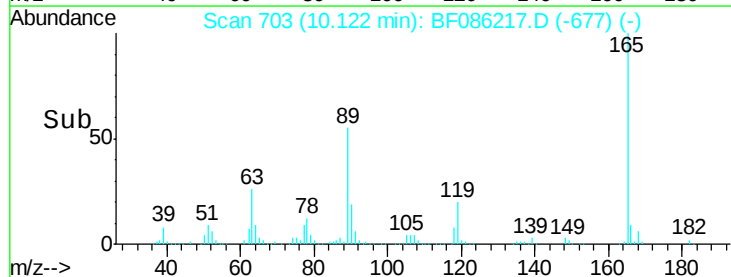
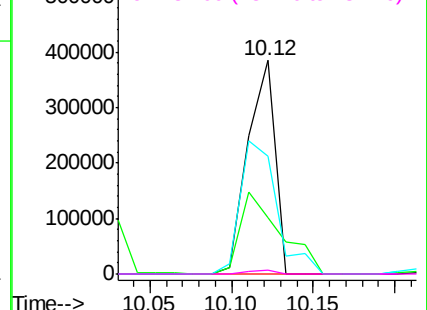


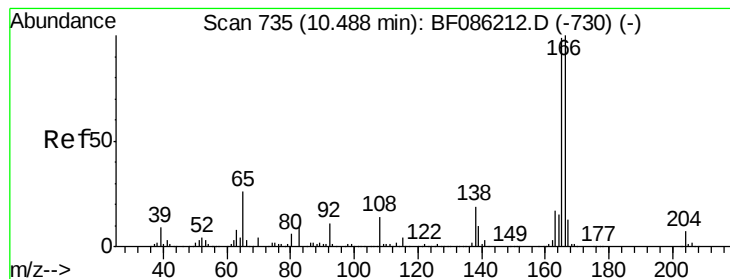
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.52 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

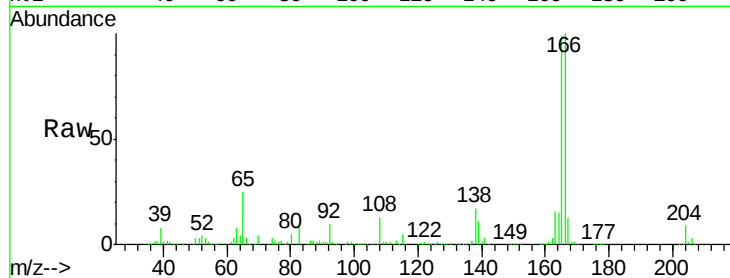
Tgt Ion:166 Resp: 1054376

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

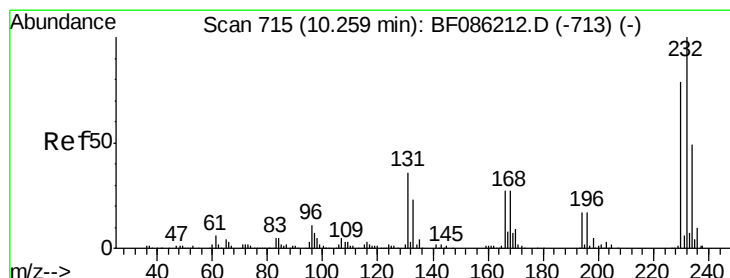
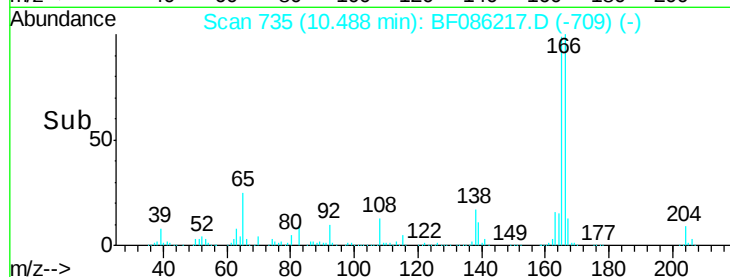
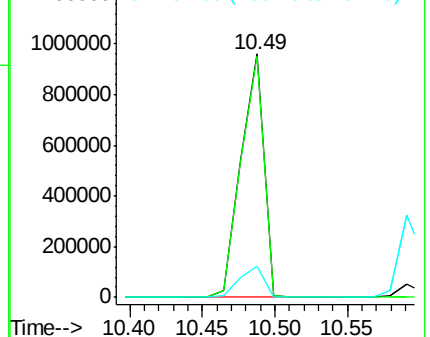
167 12.9 10.4 15.6



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: 37.35 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:232 Resp: 264043

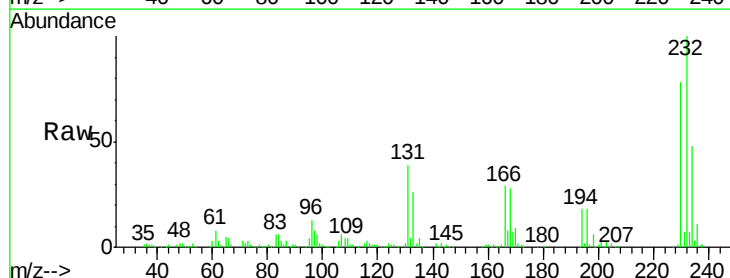
Ion Ratio Lower Upper

232 100

131 59.2 46.6 70.0

130 2.8 2.5 3.7

166 36.6 28.3 42.5

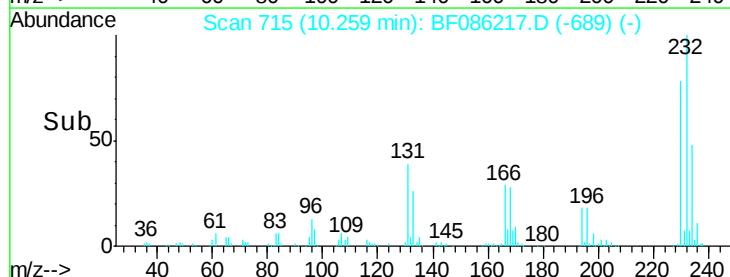
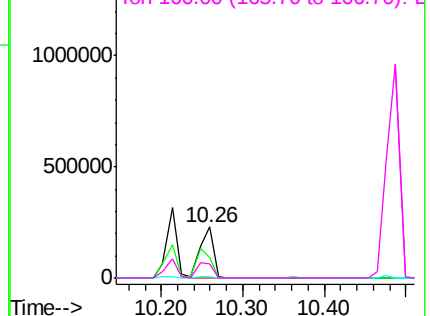


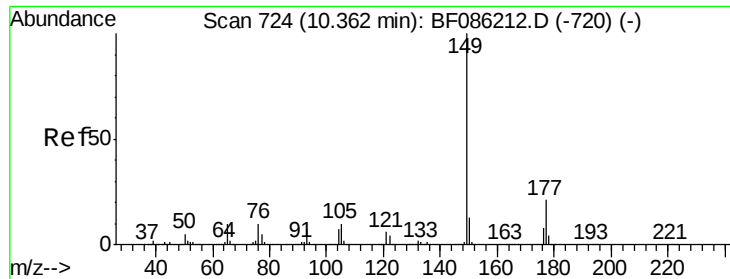
Abundance Ion 232.00 (231.70 to 232.70): E

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

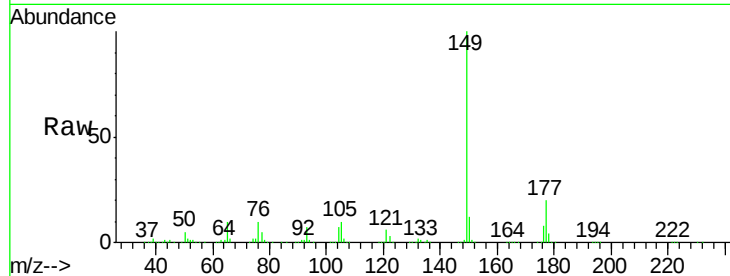




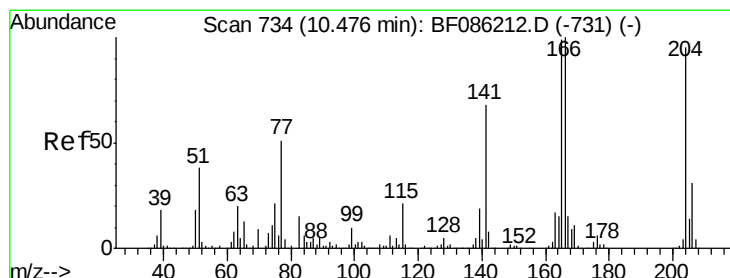
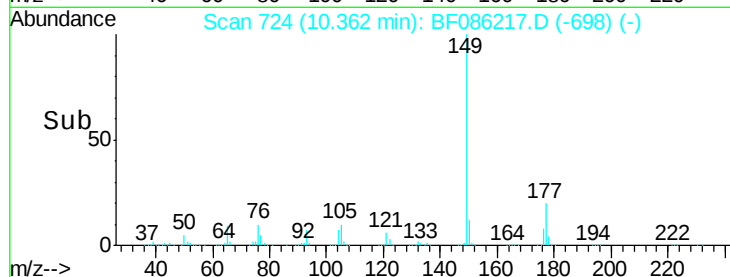
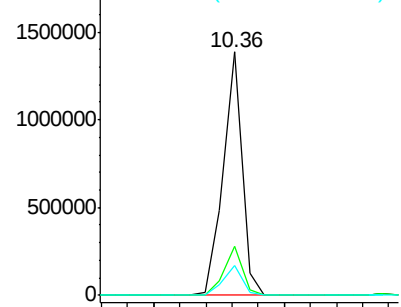
#59
Diethylphthalate
Concen: 36.08 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tgt Ion:149 Resp: 1385041
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.4 10.2 15.4

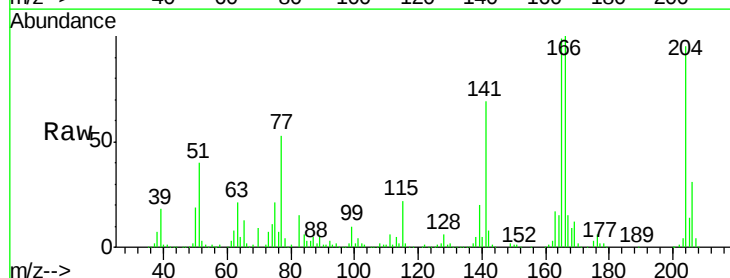


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

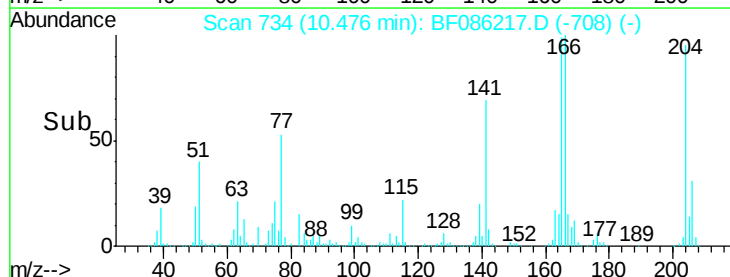
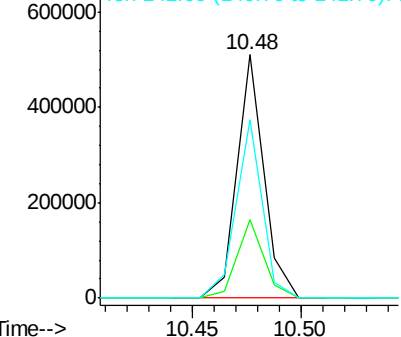


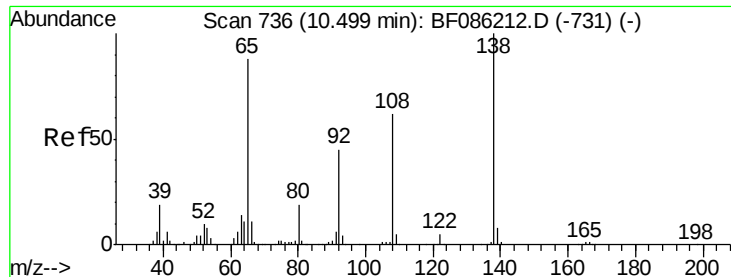
#60
4-Chlorophenyl-phenylether
Concen: 39.63 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion:204 Resp: 438099
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 73.3 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

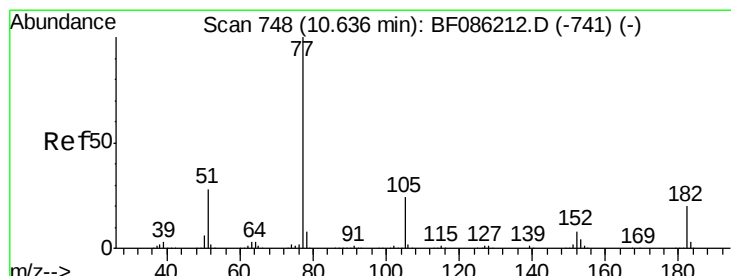
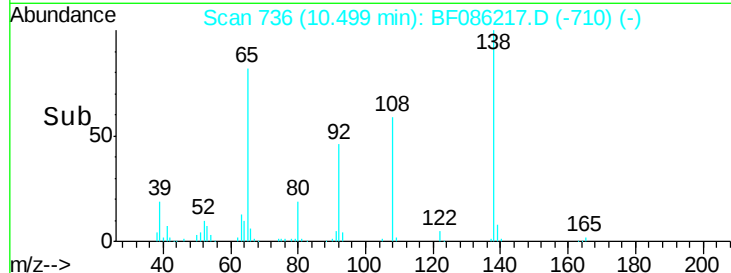
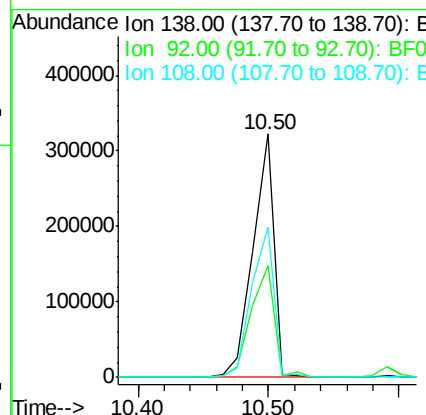
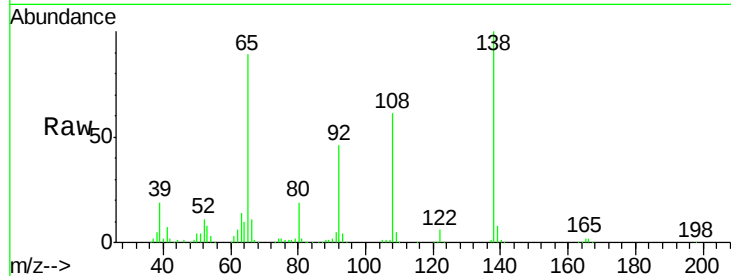




#61
4-Nitroaniline
Concen: 41.88 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

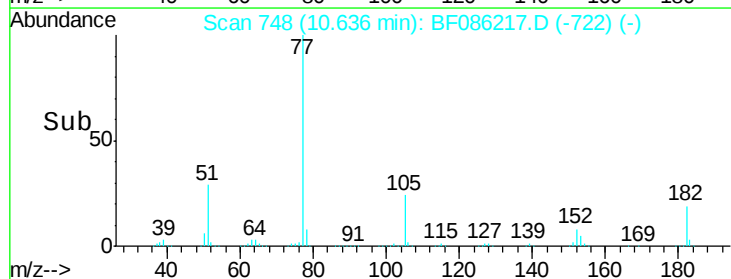
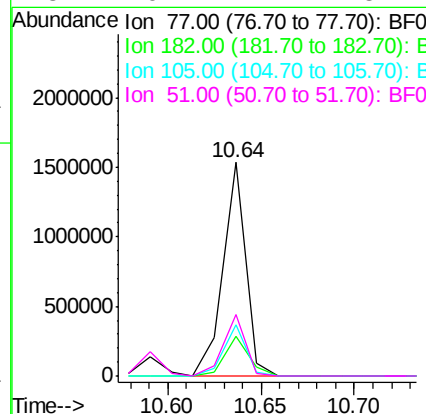
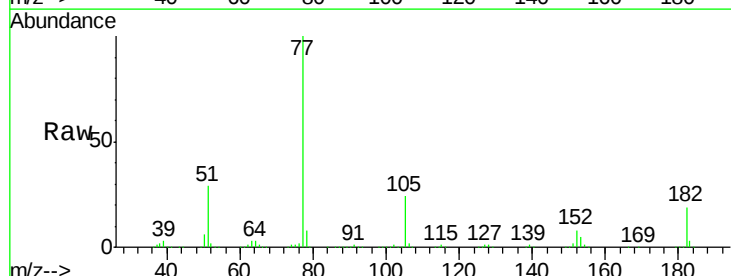
Instrument :
BNA_F
ClientSampleId :
ICVBF041516

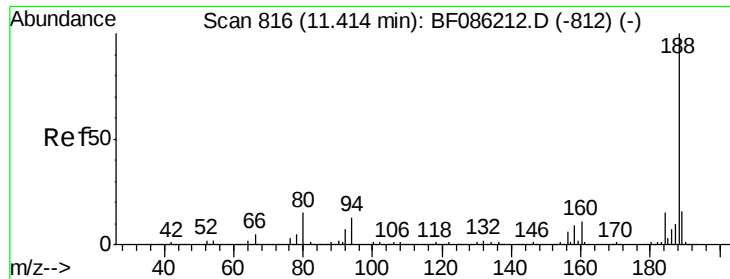
Tgt Ion:138 Resp: 361926
Ion Ratio Lower Upper
138 100
92 45.9 31.9 71.9
108 61.5 58.7 98.7



#62
Azobenzene
Concen: 34.81 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion: 77 Resp: 1307216
Ion Ratio Lower Upper
77 100
182 18.8 2.3 42.3
105 23.9 3.4 43.4
51 29.1 11.7 51.7

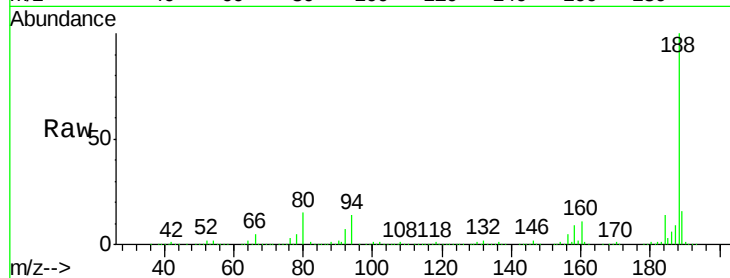




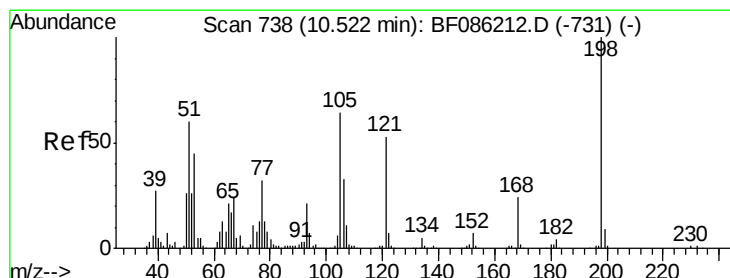
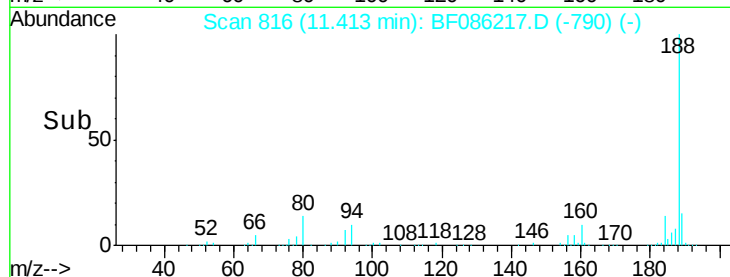
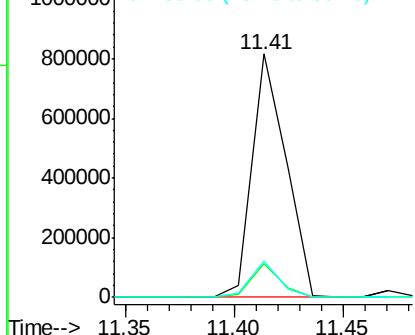
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tgt Ion:188 Resp: 887798
Ion Ratio Lower Upper
188 100
94 13.6 9.8 14.8
80 14.8 10.5 15.7

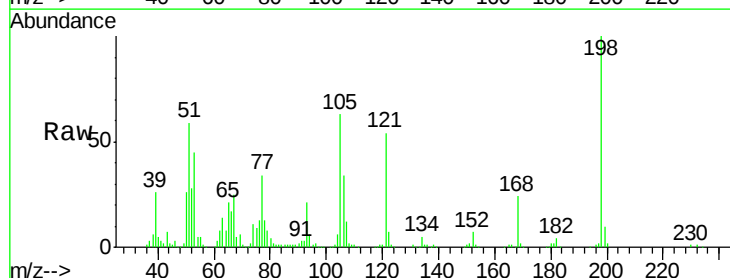


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

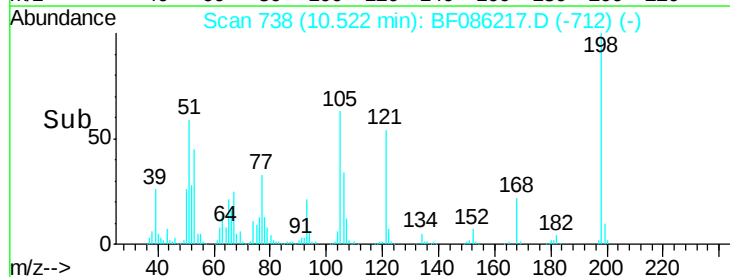
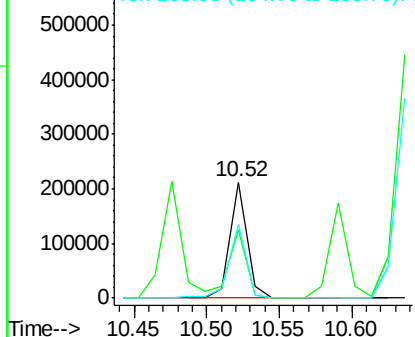


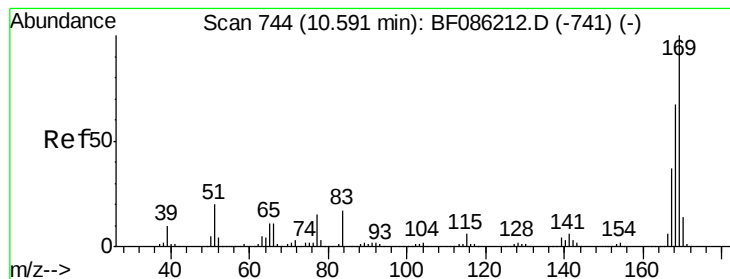
#64
4,6-Dinitro-2-methylphenol
Concen: 41.40 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion:198 Resp: 174930
Ion Ratio Lower Upper
198 100
51 58.8 56.5 96.5
105 63.3 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

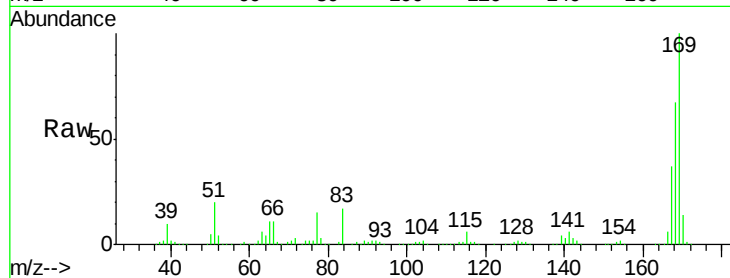




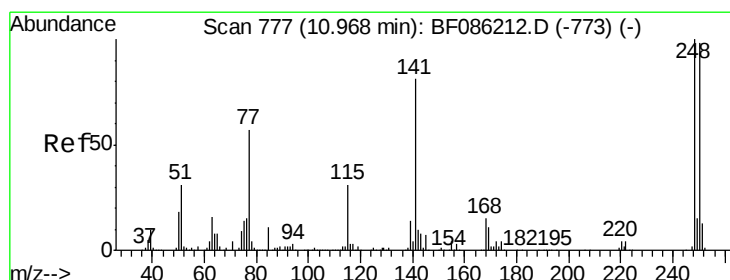
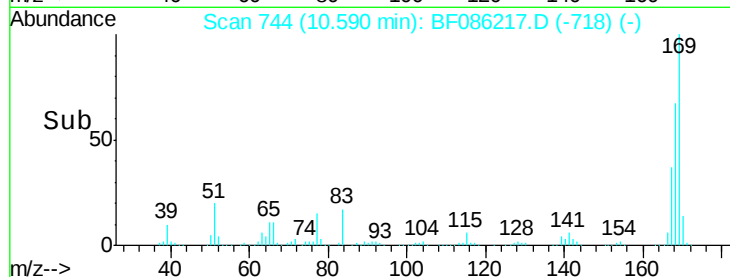
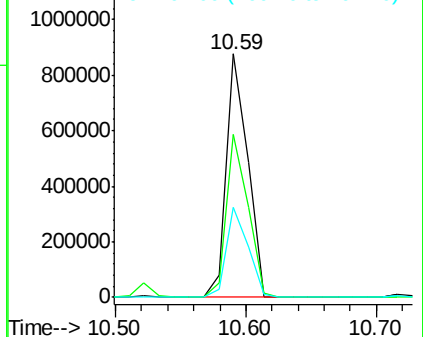
#65
 n-Nitrosodiphenylamine
 Concen: 36.49 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion:169 Resp: 992056
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.3 81.5
 167 36.9 30.2 45.2

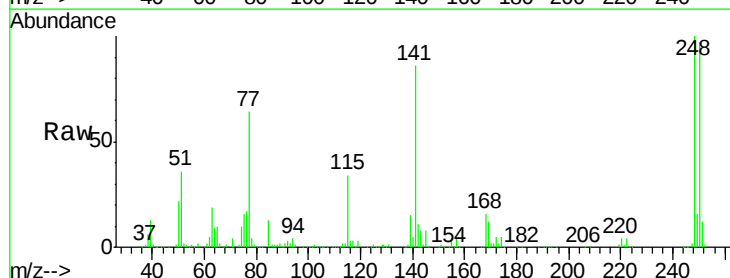


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

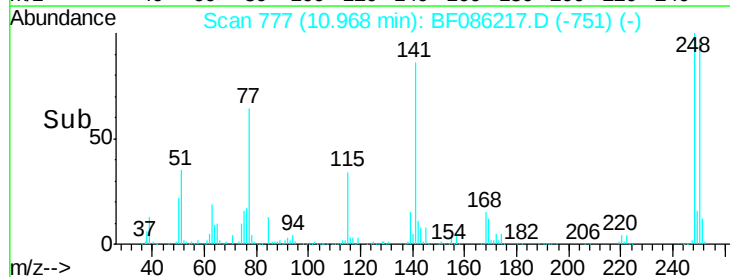
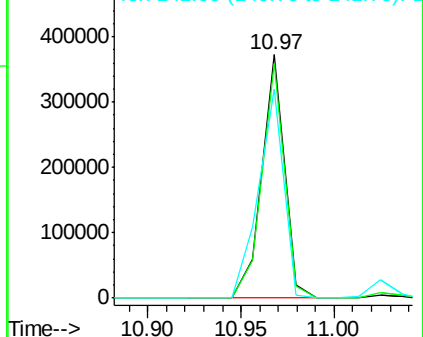


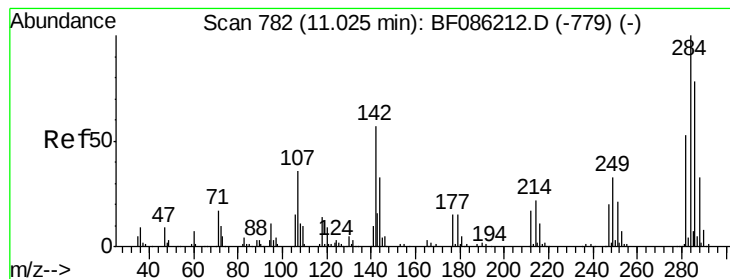
#66
 4-Bromophenyl-phenylether
 Concen: 37.57 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:248 Resp: 310833
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.6 118.0
 141 86.0 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: 38.70 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

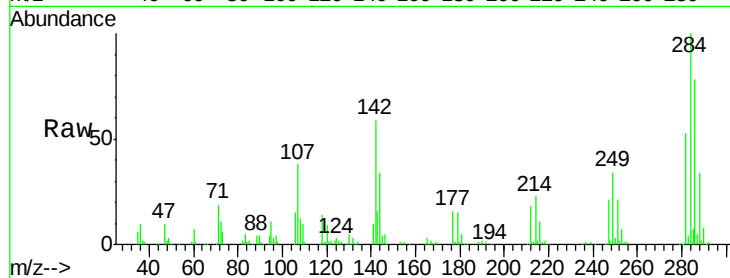
Tgt Ion:284 Resp: 335509

Ion Ratio Lower Upper

284 100

142 58.8 42.6 64.0

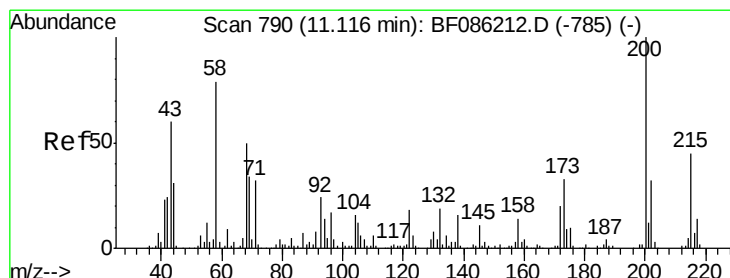
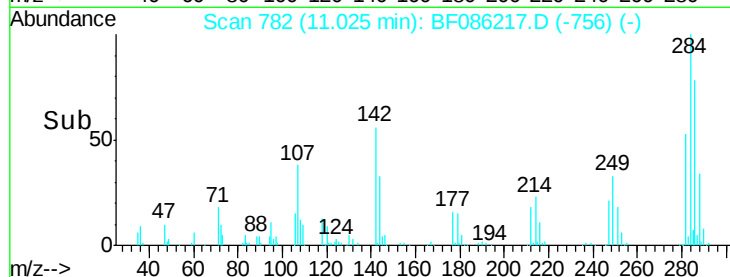
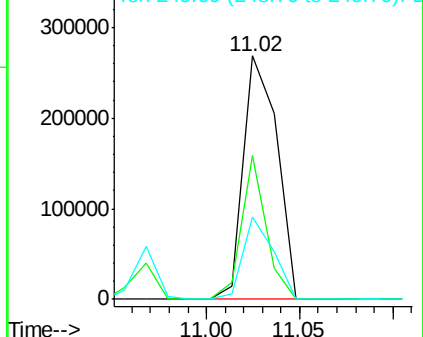
249 33.8 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.83 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

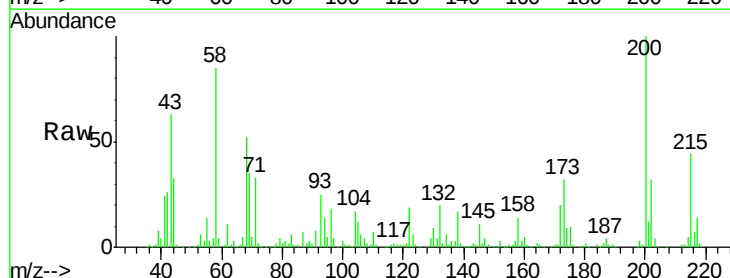
Tgt Ion:200 Resp: 323504

Ion Ratio Lower Upper

200 100

173 32.4 11.2 51.2

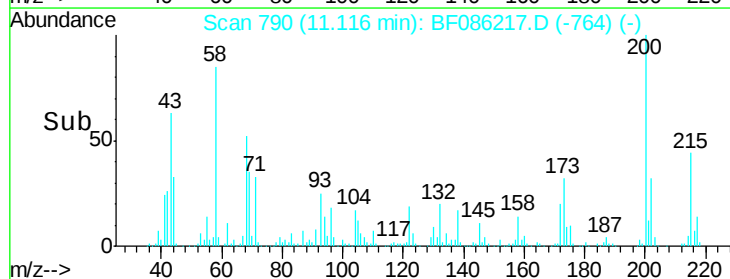
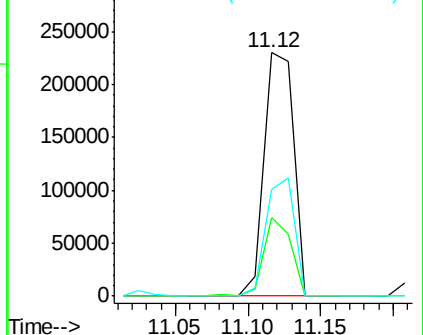
215 44.0 24.0 64.0

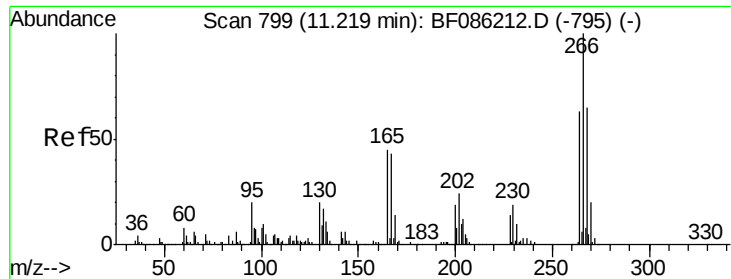


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

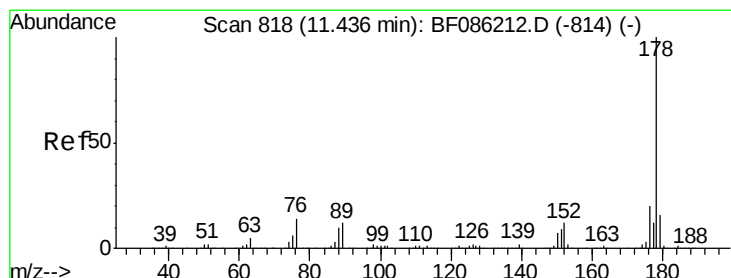
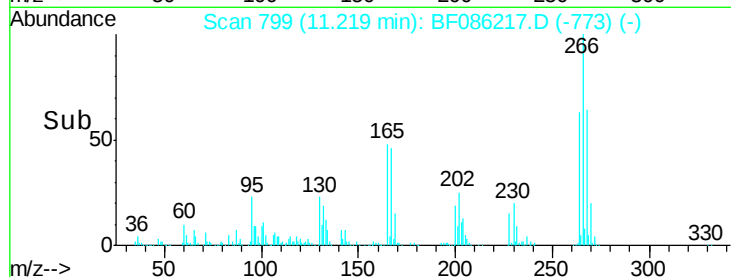
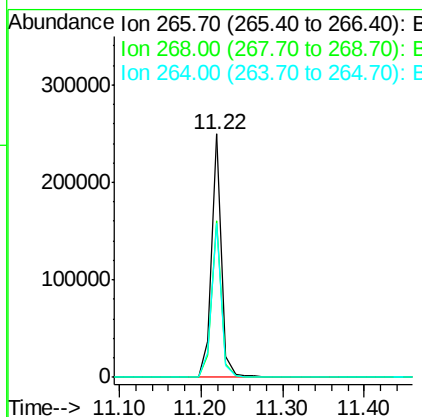
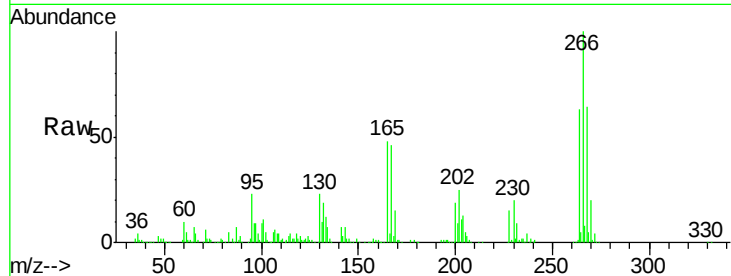




#69
 Pentachlorophenol
 Concen: 41.41 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

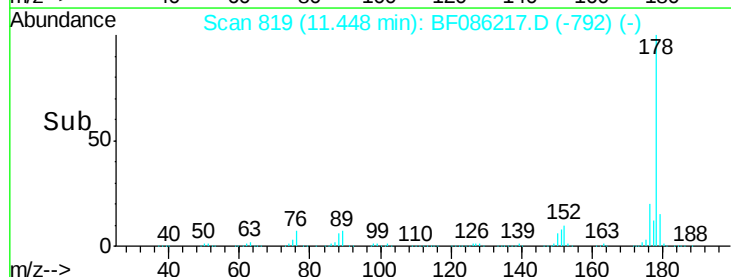
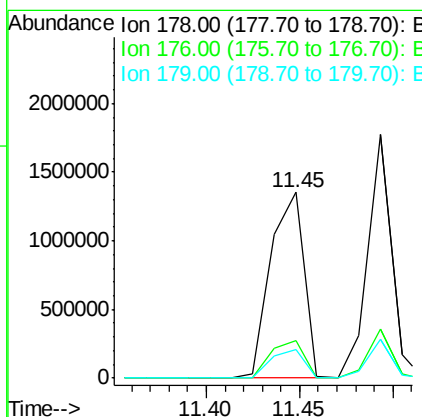
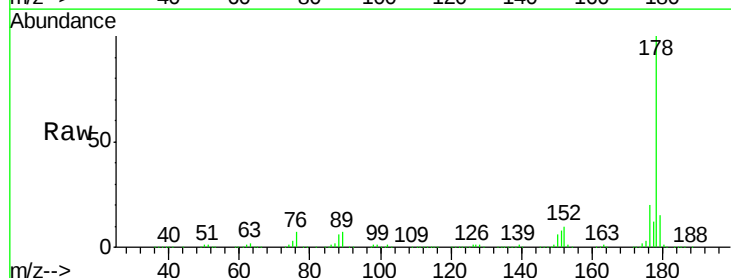
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

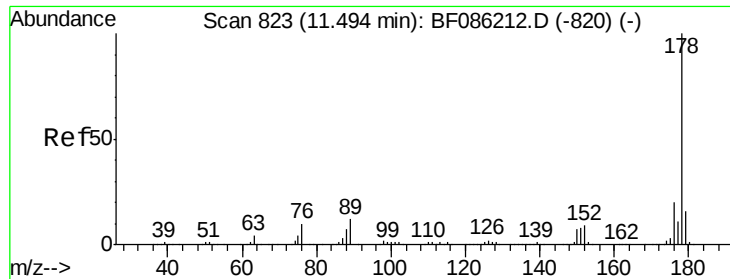
Tgt Ion: 266 Resp: 217719
 Ion Ratio Lower Upper
 266 100
 268 64.5 53.0 79.4
 264 63.2 51.3 76.9



#70
 Phenanthrene
 Concen: 39.60 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion: 178 Resp: 1679379
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.4 13.0 19.6

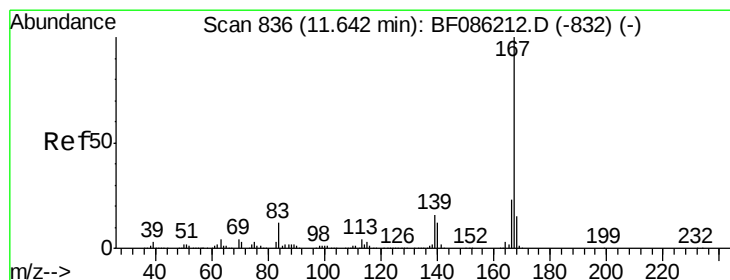
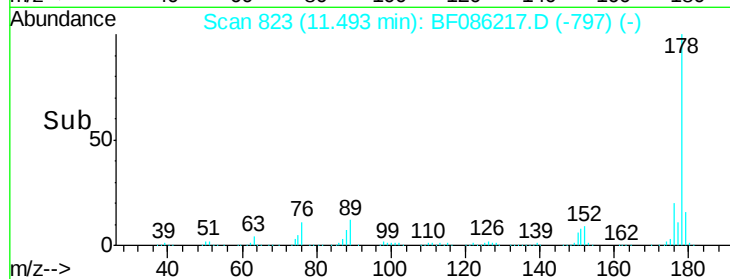
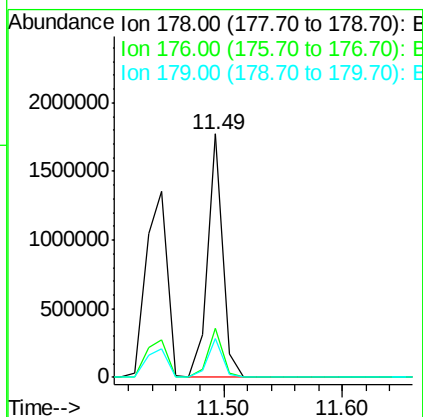
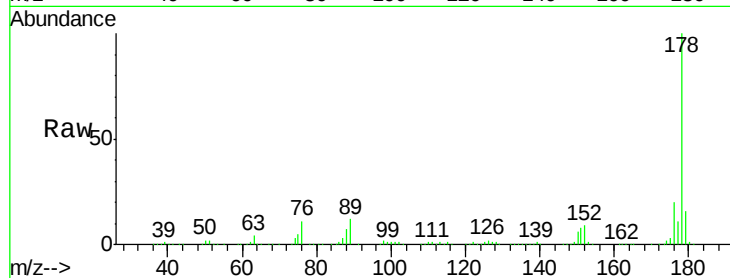




#71
 Anthracene
 Concen: 35.88 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

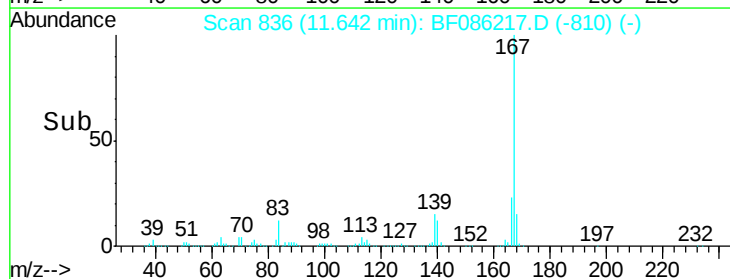
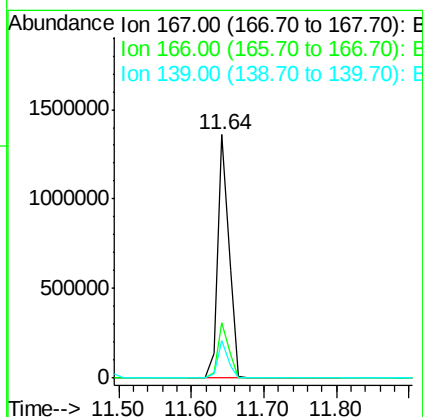
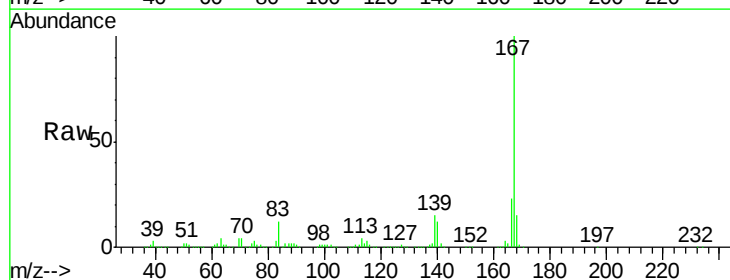
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

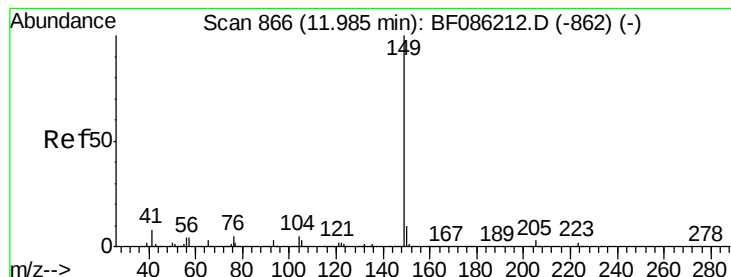
Tgt Ion:178 Resp: 1553344
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 36.08 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:167 Resp: 1455121
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.3 27.5
 139 15.5 12.3 18.5





#73

Di-n-butylphthalate

Concen: 35.30 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

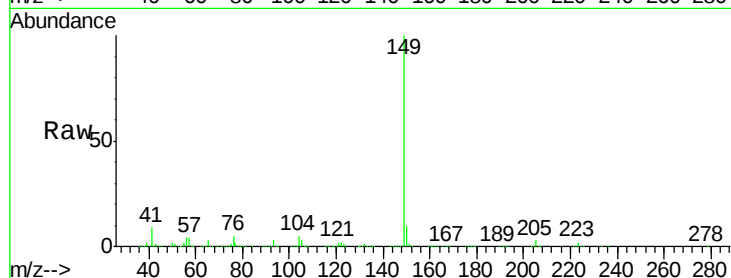
Tgt Ion:149 Resp: 1925003

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

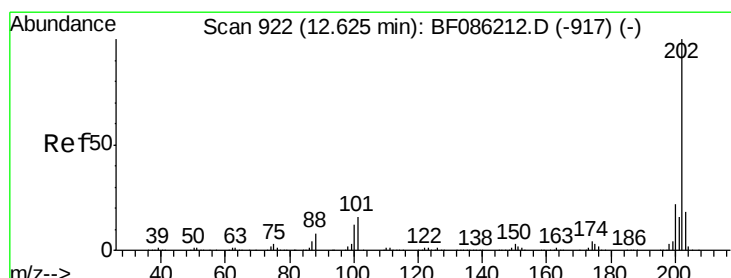
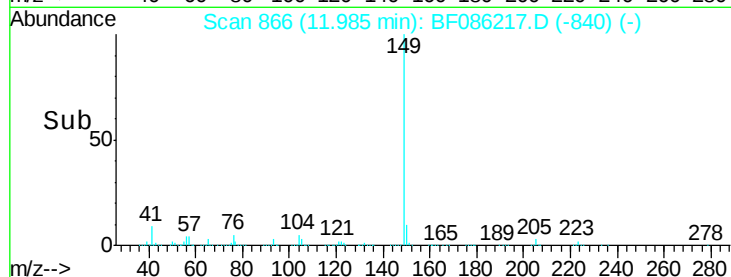
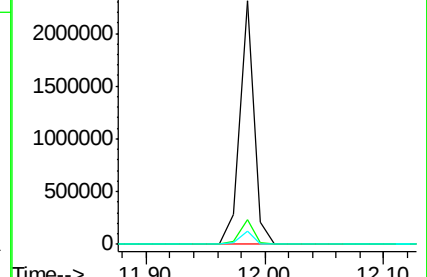
104 5.4 4.1 6.1



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: 40.12 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

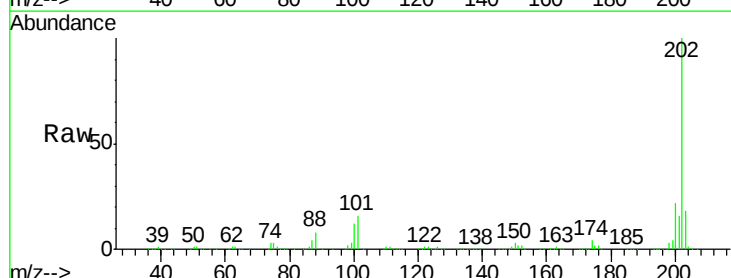
Tgt Ion:202 Resp: 1486612

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.2

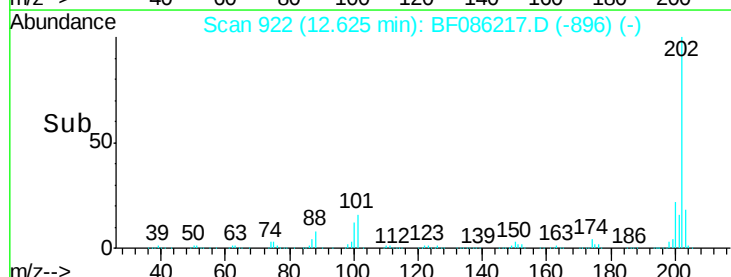
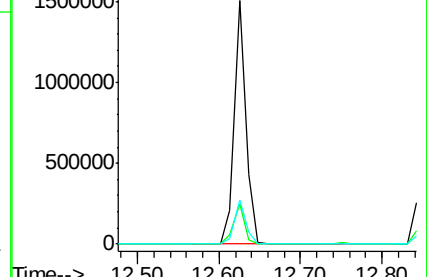
203 18.2 0.0 38.2

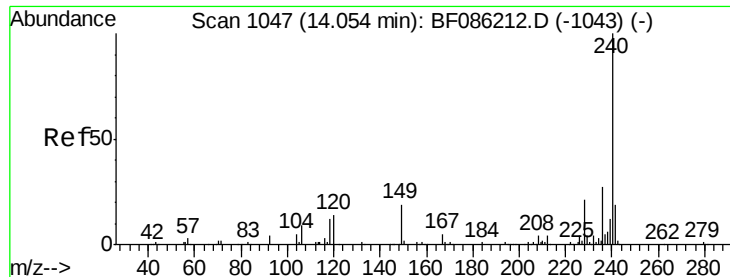


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

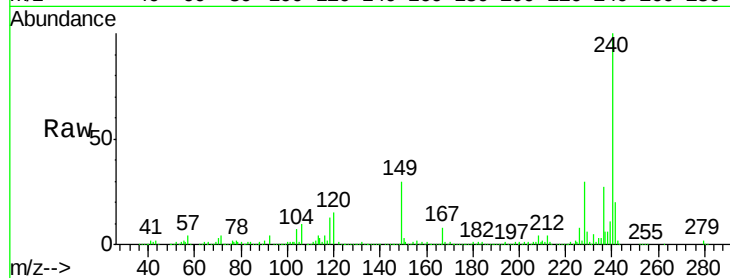
Tgt Ion:240 Resp: 544709

Ion Ratio Lower Upper

240 100

120 15.2 9.3 13.9#

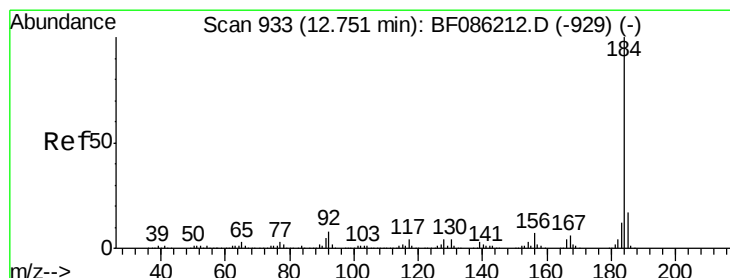
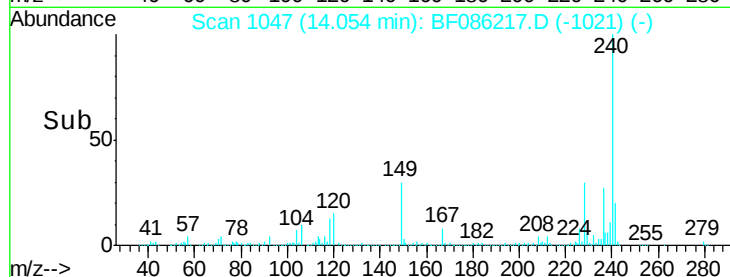
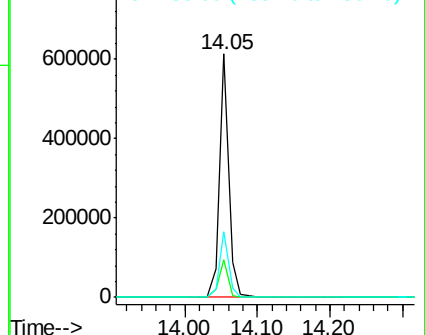
236 27.2 21.1 31.7



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



#76

Benzidine

Concen: 45.10 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

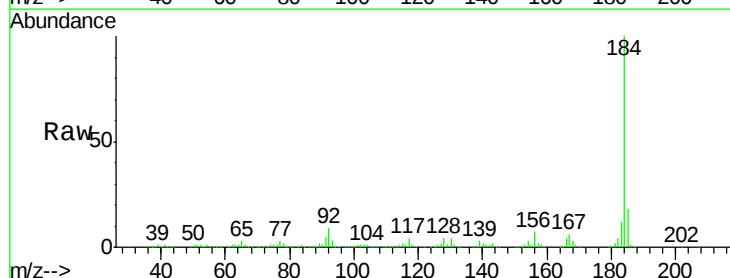
Tgt Ion:184 Resp: 952937

Ion Ratio Lower Upper

184 100

185 17.8 14.2 21.2

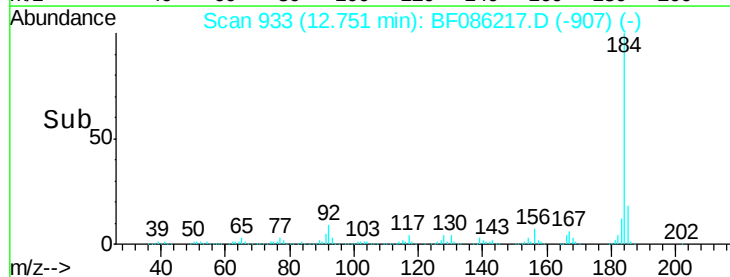
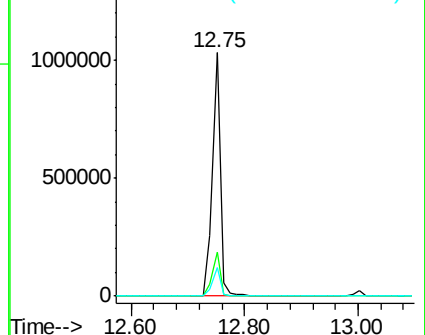
183 12.0 9.8 14.6

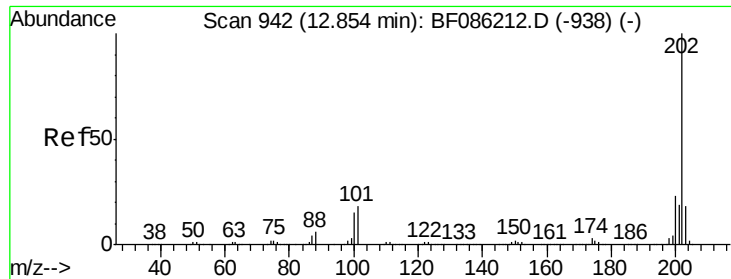


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



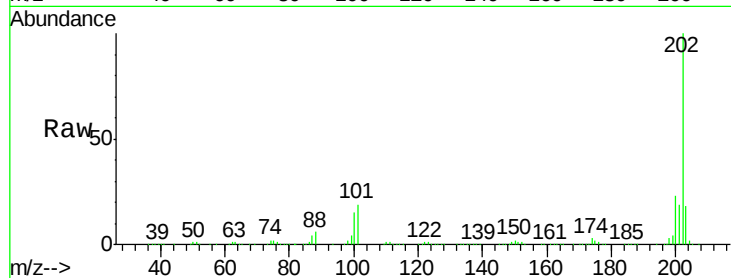


#77
 Pyrene
 Concen: 37.03 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

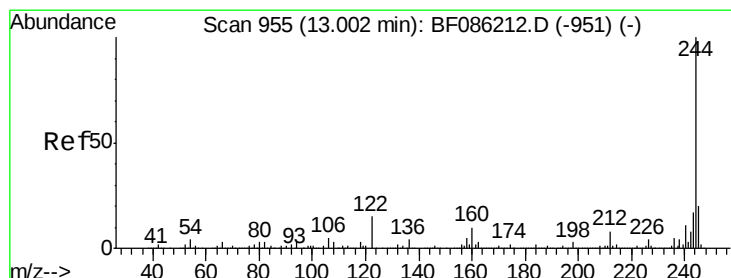
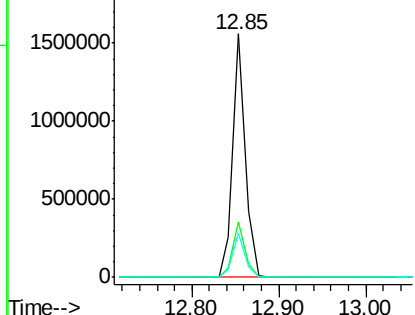
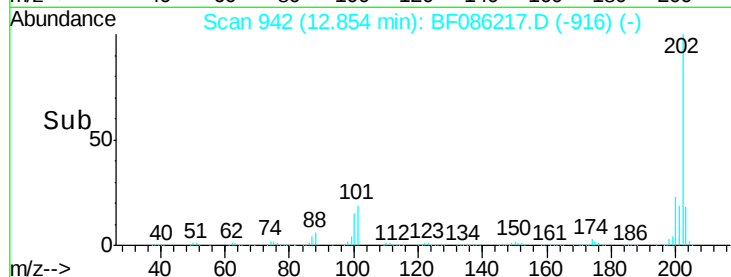
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion: 202 Resp: 1547321

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.3	27.5
203	18.3	14.9	22.3



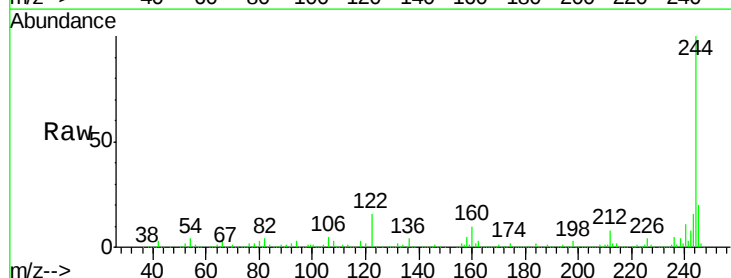
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



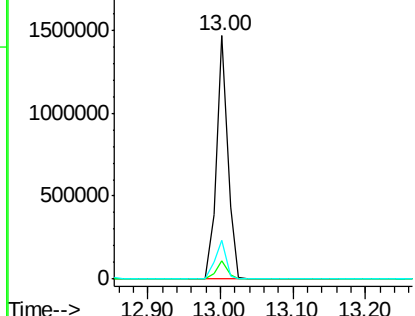
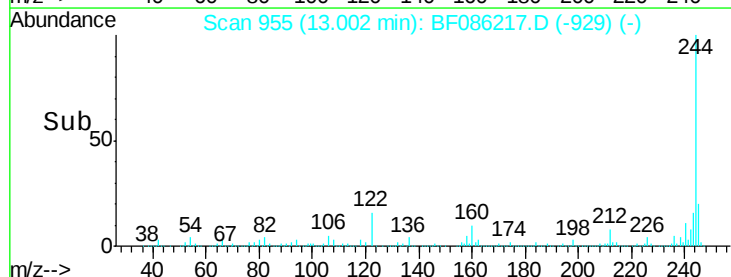
#78
 Terphenyl-d14
 Concen: 73.38 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

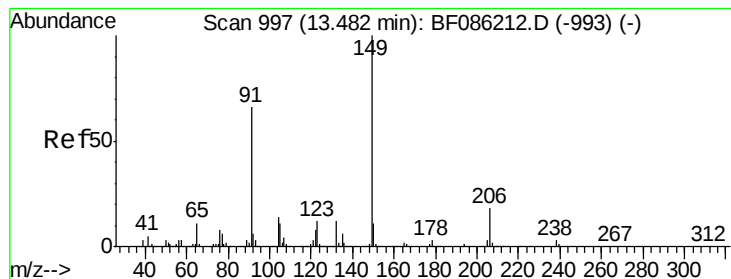
Tgt Ion: 244 Resp: 1589484

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	16.1	11.7	17.5



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





#79

Butylbenzylphthalate

Concen: 43.19 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

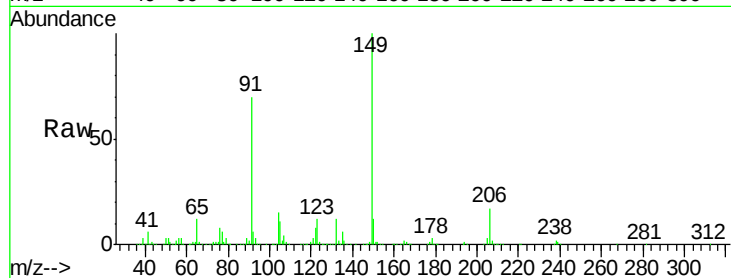
Tgt Ion:149 Resp: 833799

Ion Ratio Lower Upper

149 100

91 69.9 48.7 73.1

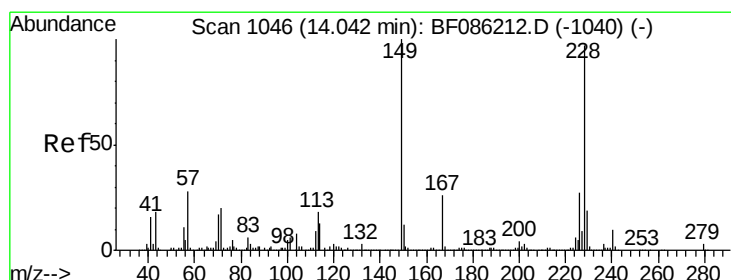
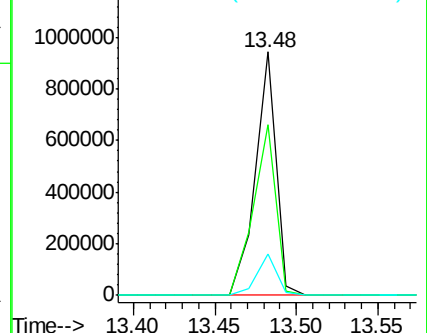
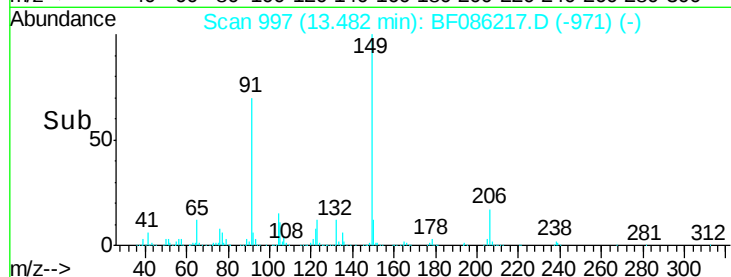
206 17.3 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.84 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

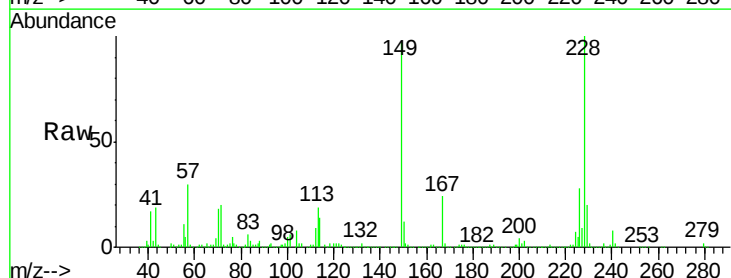
Tgt Ion:228 Resp: 1161484

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

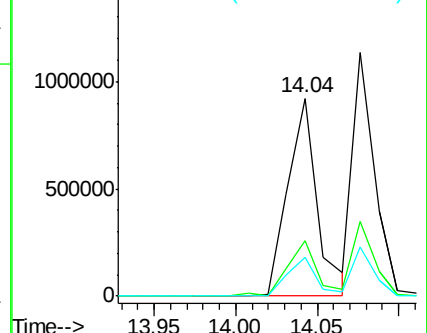
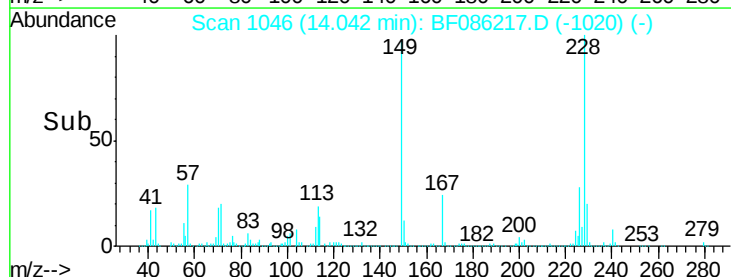
229 19.9 16.2 24.2

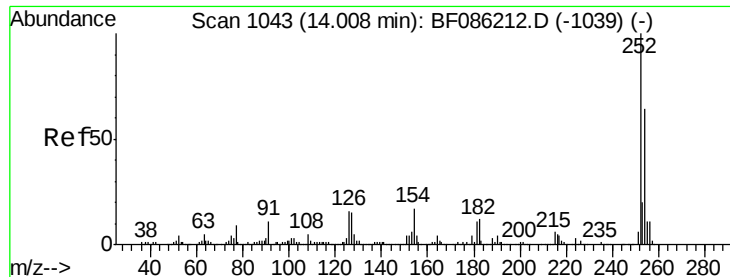


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

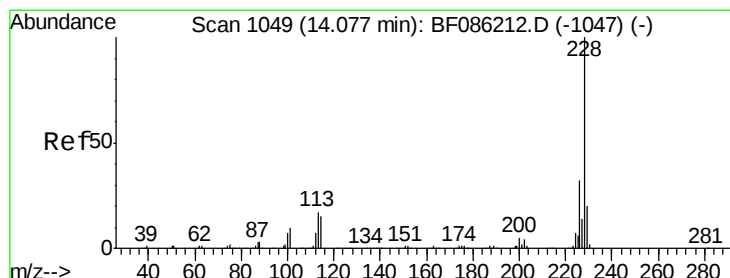
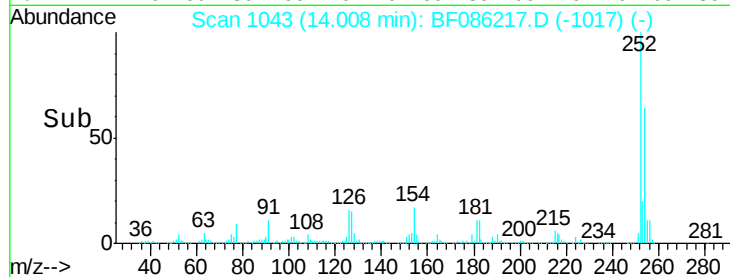
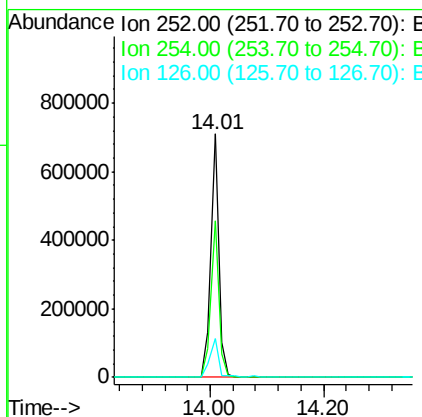
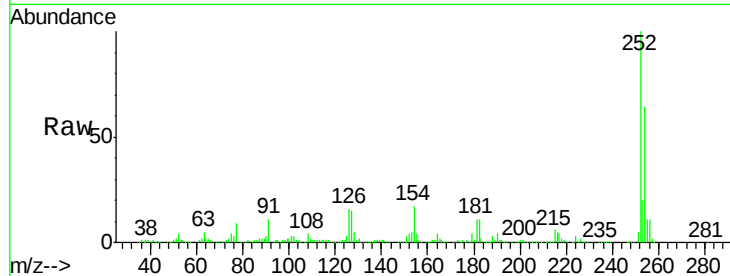




#81
 3,3'-Dichlorobenzidine
 Concen: 38.23 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

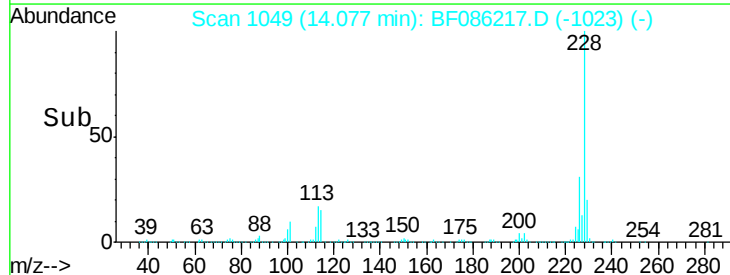
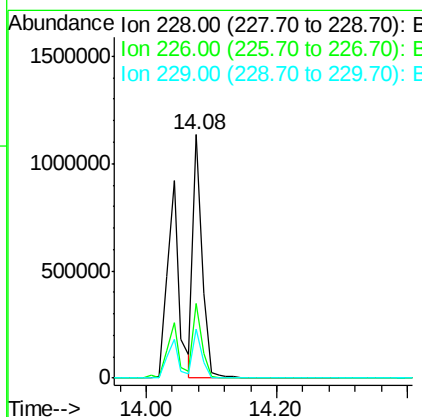
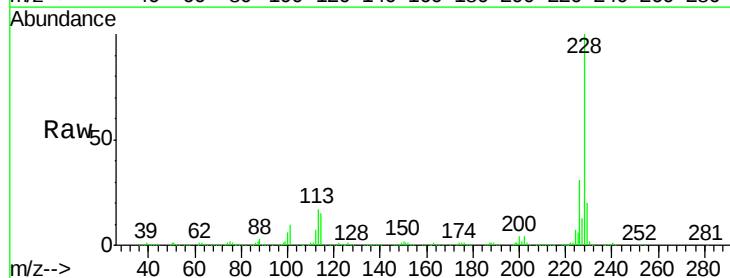
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

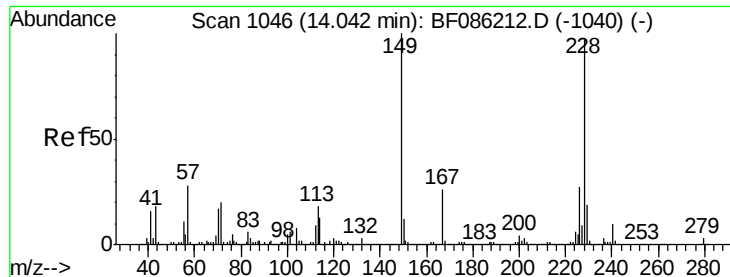
Tgt Ion:252 Resp: 662594
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.1 78.1
 126 15.8 13.2 19.8



#82
 Chrysene
 Concen: 34.34 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:228 Resp: 1094898
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 19.9 16.5 24.7

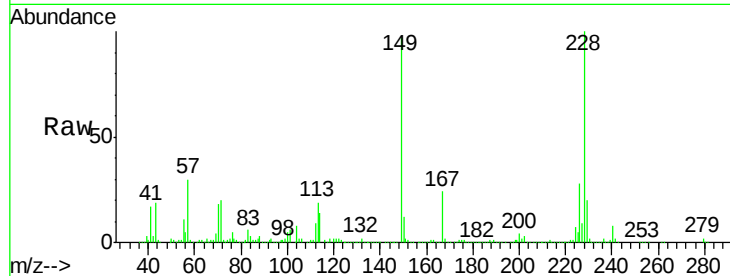




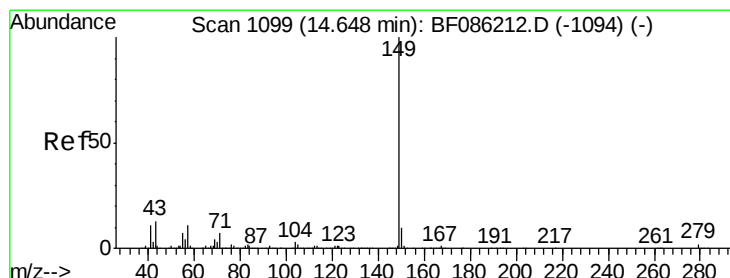
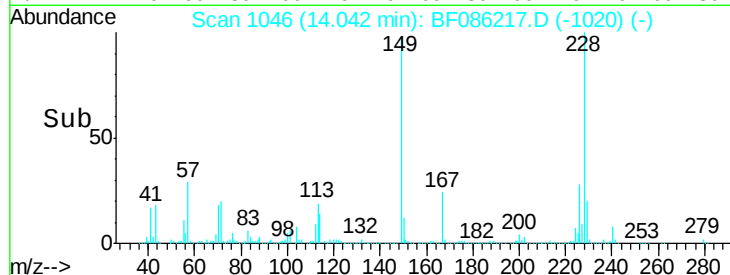
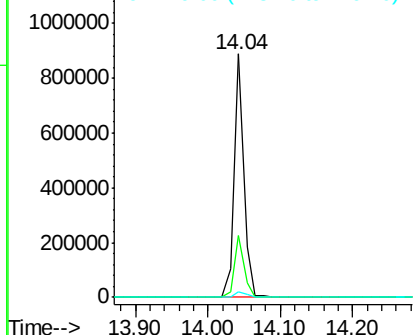
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.46 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tgt Ion:149 Resp: 822465
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 2.2 2.4 3.6#

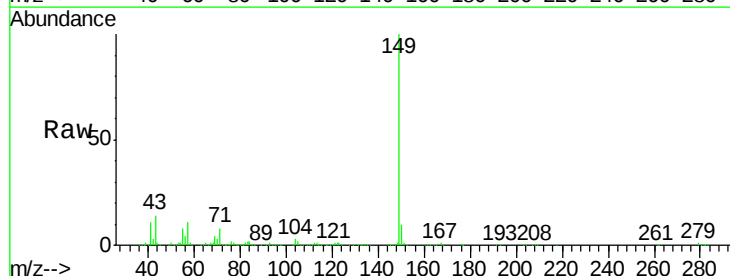


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

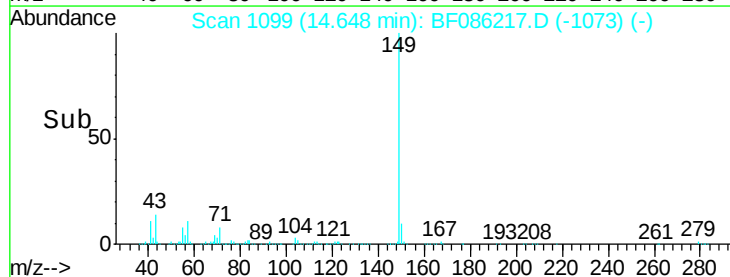
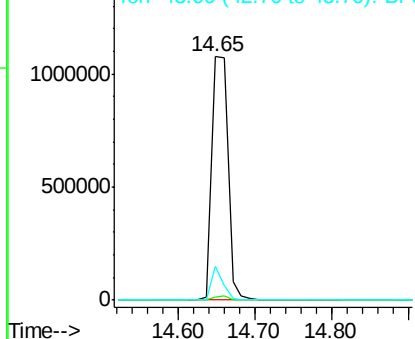


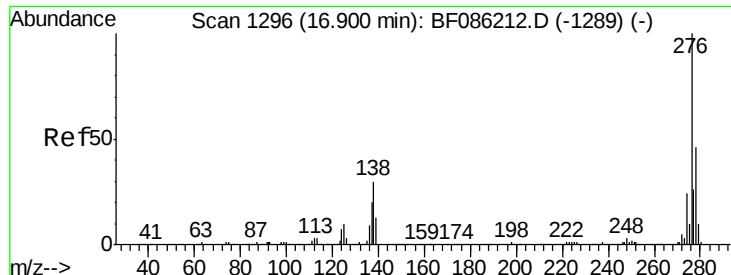
#84
 Di-n-octyl phthalate
 Concen: 38.95 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:149 Resp: 1565023
 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

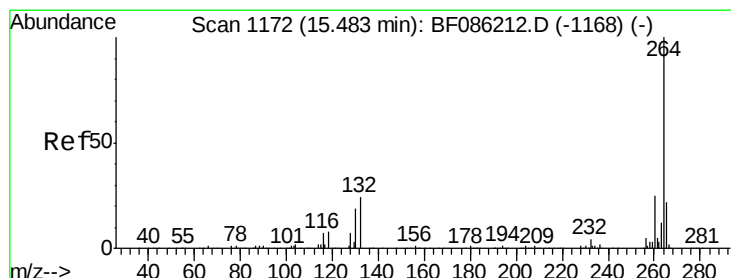
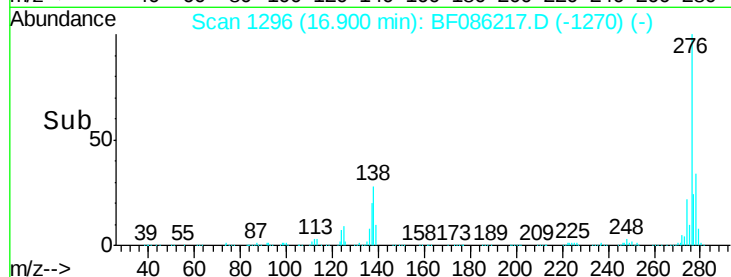
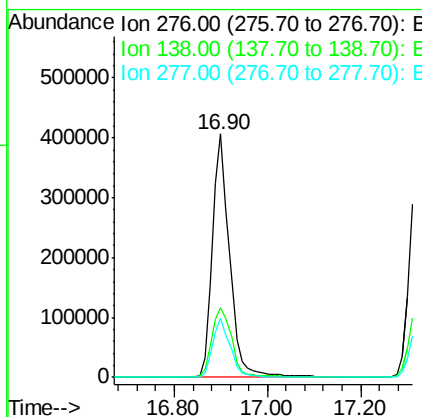
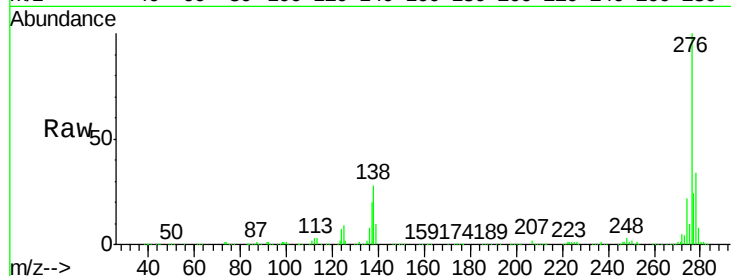




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.07 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

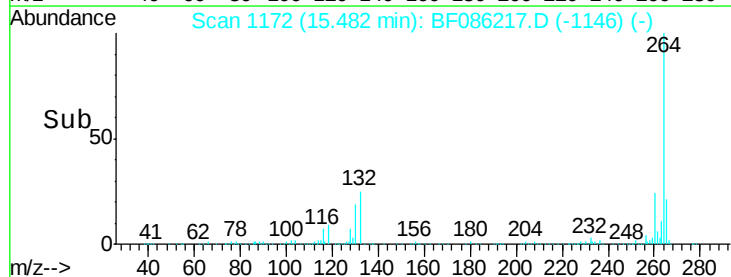
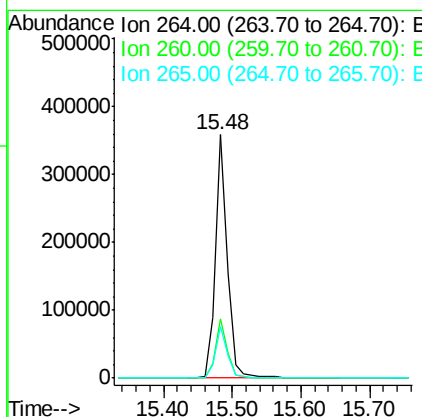
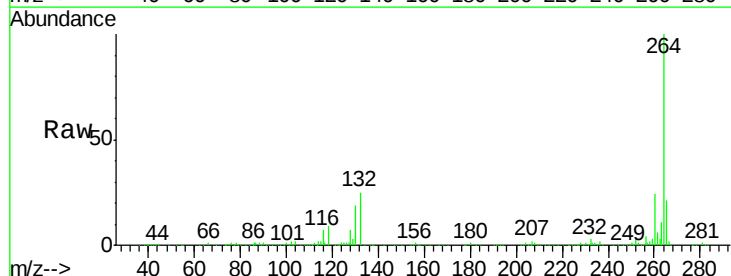
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

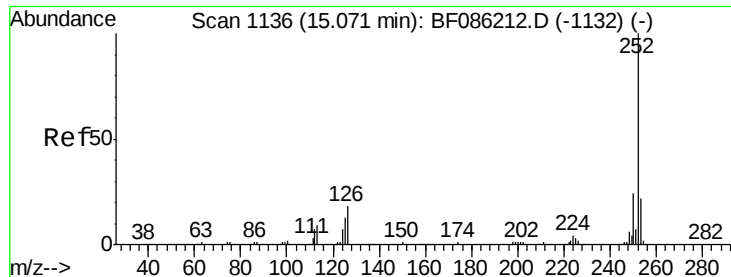
Tgt Ion: 276 Resp: 1050033
 Ion Ratio Lower Upper
 276 100
 138 33.2 23.8 35.6
 277 25.1 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion: 264 Resp: 445212
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 21.4 17.4 26.0

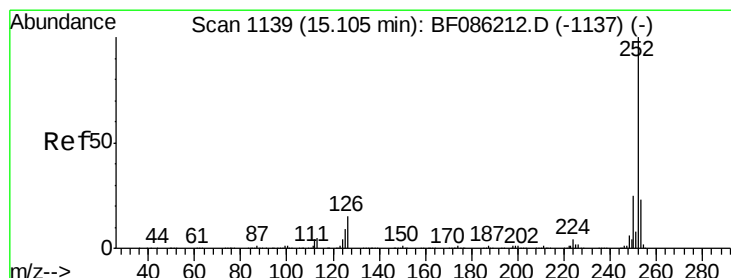
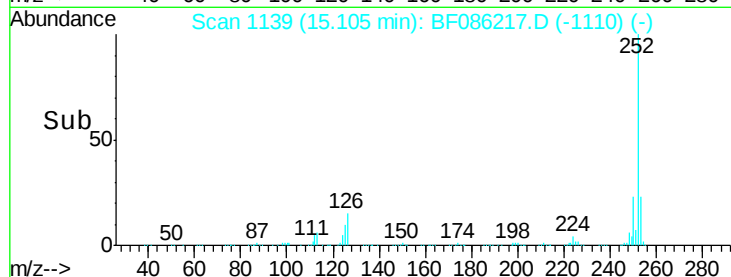
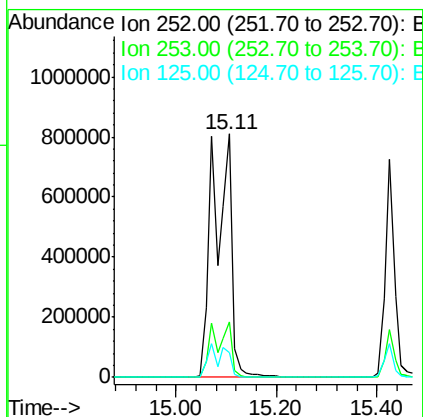
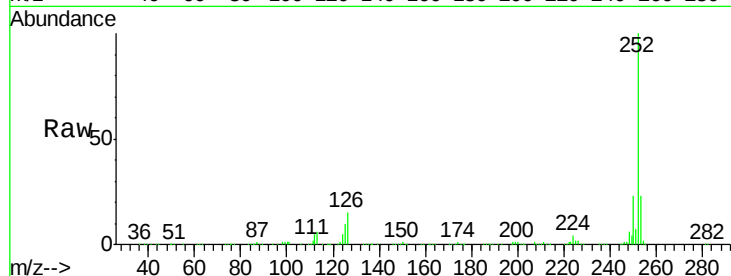




#87
Benzo(b)fluoranthene
Concen: 74.42 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.03 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

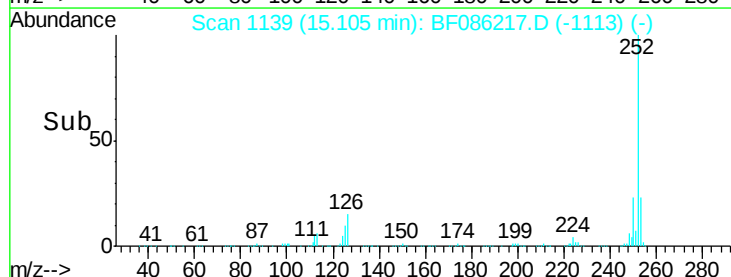
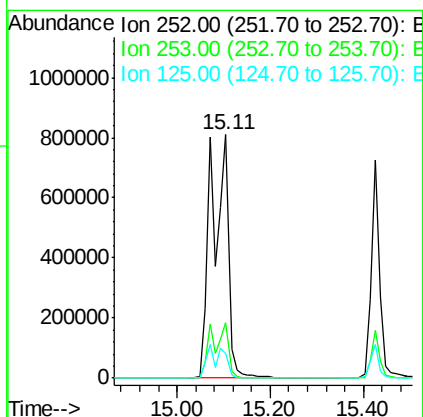
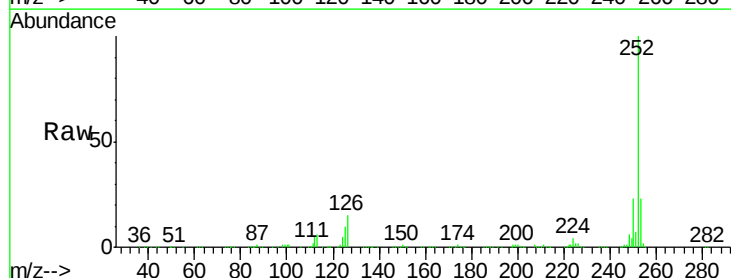
Instrument :
BNA_F
ClientSampleId :
ICVBF041516

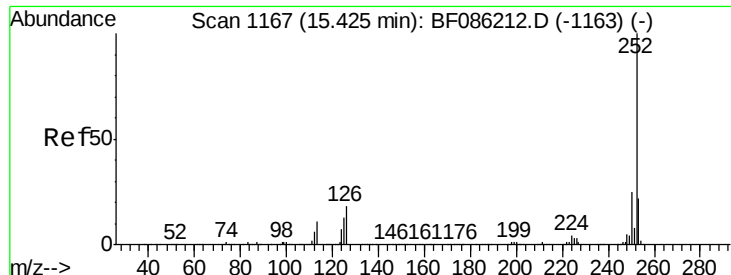
Tgt Ion:252 Resp: 2044203
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 81.67 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion:252 Resp: 2045291
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.4 7.8 11.6





#89

Benzo(a)pyrene

Concen: 39.75 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

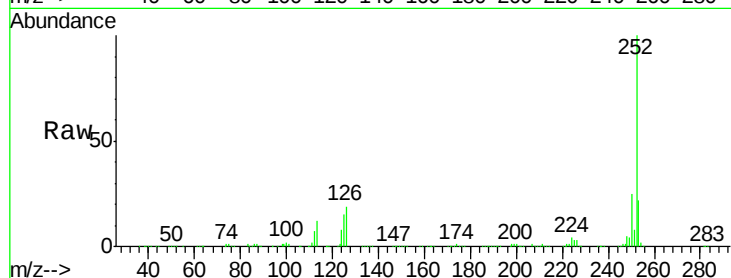
Tgt Ion:252 Resp: 945768

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

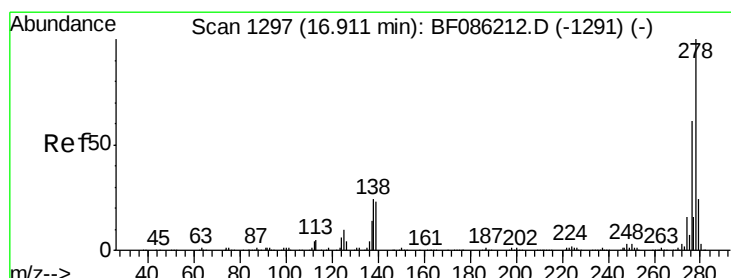
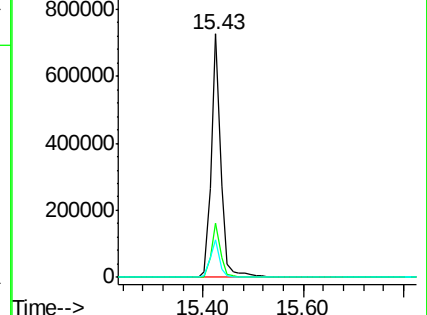
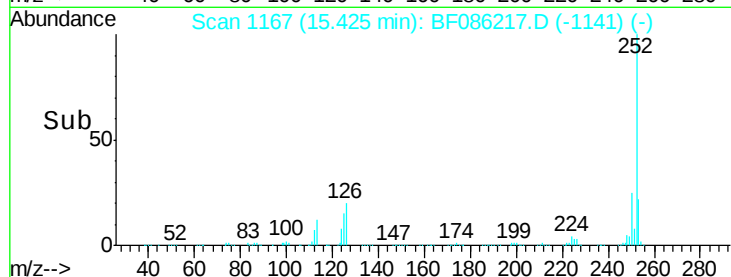
125 15.3 11.2 16.8



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: 42.09 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

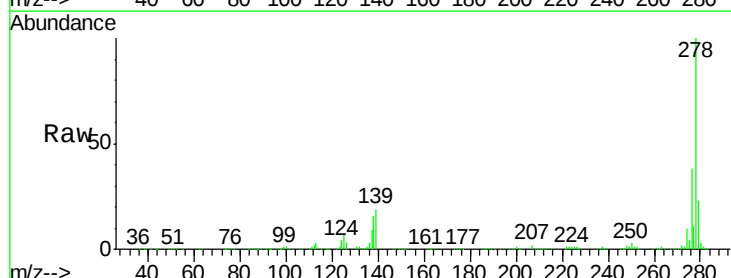
Tgt Ion:278 Resp: 884986

Ion Ratio Lower Upper

278 100

139 19.0 15.3 22.9

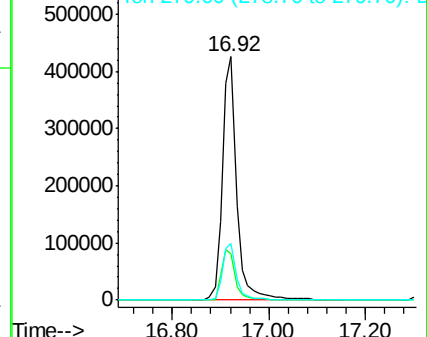
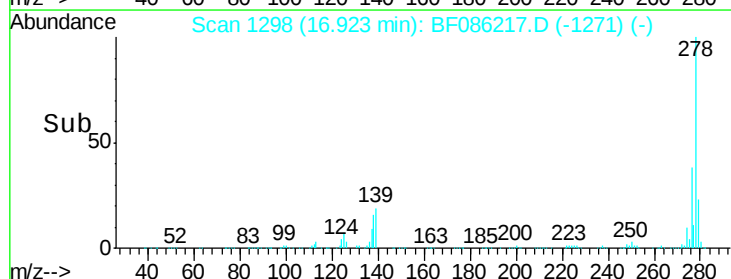
279 23.4 19.1 28.7

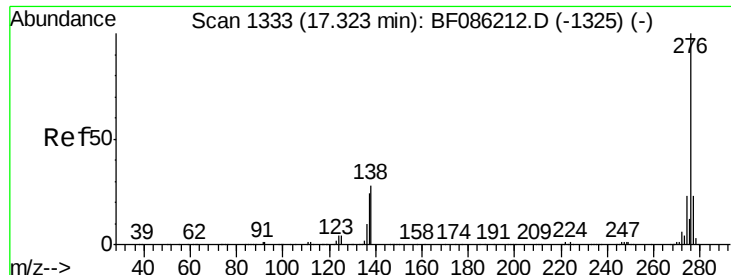


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.35 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF086217.D

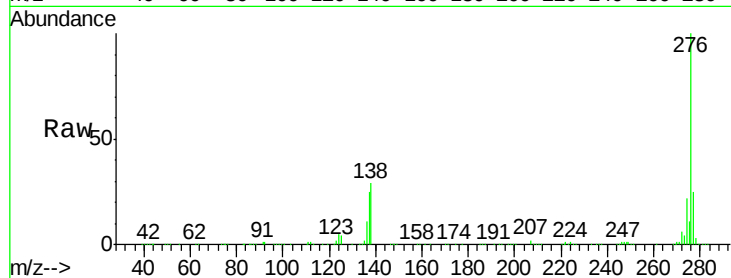
Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516



Tgt Ion: 276 Resp: 924543

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 28.8 19.6 29.4

