

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082023.D
 Acq On : 3 Oct 2015 15:58
 Operator : UM/IZ
 Sample : G3857-07MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Quant Time: Oct 05 01:37:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81806	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	326032	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	163345	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	339063	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	302732	20.00	ng	-0.03
86) Perylene-d12	15.54	264	234567	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	714684	158.59	ng	-0.03
7) Phenol-d6	6.53	99	932934	164.52	ng	-0.03
23) Nitrobenzene-d5	7.46	82	572061	116.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	253137	153.02	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1102831	123.69	ng	-0.05
78) Terphenyl-d14	13.02	244	1141316	156.59	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	92218	47.06	ng	85
3) Pyridine	3.25	79	234408	45.94	ng	85
4) n-Nitrosodimethylamine	3.21	42	111930	48.30	ng	96
6) Aniline	6.55	93	314063	41.22	ng	# 89
8) 2-Chlorophenol	6.67	128	279839	56.23	ng	99
9) Benzaldehyde	6.43	77	57690	15.54	ng	# 82
10) Phenol	6.54	94	341745	53.73	ng	77
11) bis(2-Chloroethyl)ether	6.63	93	296465	60.10	ng	95
12) 1,3-Dichlorobenzene	7.06	146	272067	46.28	ng	99
13) 1,4-Dichlorobenzene	7.06	146	278067	45.30	ng	97
14) 1,2-Dichlorobenzene	7.06	146	288556	52.76	ng	98
15) Benzyl Alcohol	7.03	79	208658	50.98	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	365887	52.47	ng	83
17) 2-Methylphenol	7.14	107	225034	55.77	ng	# 86
18) Hexachloroethane	7.39	117	100805	52.46	ng	89
19) n-Nitroso-di-n-propylamine	7.30	70	175286	50.86	ng	# 78
20) 3+4-Methylphenols	7.29	107	270987	53.17	ng	# 69
22) Acetophenone	7.30	105	369970	55.50	ng	# 81
24) Nitrobenzene	7.47	77	272749	51.36	ng	# 68
25) Isophorone	7.71	82	515406	53.17	ng	# 92
26) 2-Nitrophenol	7.79	139	154625	60.65	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	254184	56.68	ng	# 82
28) bis(2-Chloroethoxy)methane	7.93	93	311464	54.10	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	257515	59.22	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	262238	54.02	ng	99
31) Naphthalene	8.19	128	778488	53.89	ng	97
32) Benzoic acid	7.93	122	72445	30.22	ng	# 68
33) 4-Chloroaniline	8.25	127	233876	37.44	ng	# 96
34) Hexachlorobutadiene	8.31	225	152671	53.17	ng	97
35) Caprolactam	8.66	113	33715	28.01	ng	86
36) 4-Chloro-3-methylphenol	8.73	107	260029	61.15	ng	83
37) 2-Methylnaphthalene	8.89	142	563630	57.16	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	250913	50.03	ng	99
40) Hexachlorocyclopentadiene	9.04	237	263392	101.99	ng	96

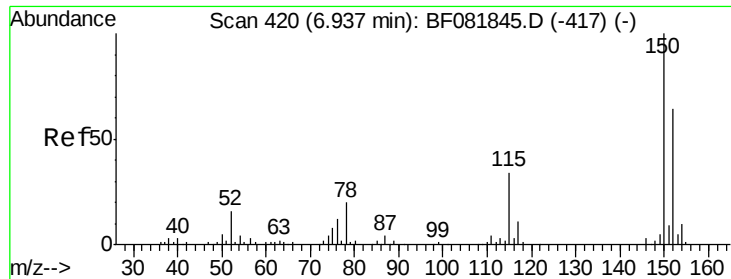
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	174297	50.70	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	204548	57.86	ng	97
45) 1,1'-Biphenyl	9.36	154	699252	55.49	ng	94
46) 2-Chloronaphthalene	9.38	162	561471	56.74	ng	96
47) 2-Nitroaniline	9.49	65	170121	58.57	ng	90
48) Acenaphthylene	9.79	152	805945	50.89	ng	97
49) Dimethylphthalate	9.67	163	915733	81.22	ng #	98
50) 2,6-Dinitrotoluene	9.73	165	142711	58.30	ng #	73
51) Acenaphthene	9.97	154	526498	55.98	ng	89
52) 3-Nitroaniline	9.90	138	127076	44.87	ng #	73
53) 2,4-Dinitrophenol	10.00	184	97622	81.08	ng #	49
54) Dibenzofuran	10.15	168	744170	55.99	ng	95
55) 4-Nitrophenol	10.06	139	224034	109.48	ng #	48
56) 2,4-Dinitrotoluene	10.14	165	191348	61.32	ng #	94
57) Fluorene	10.49	166	611332	65.28	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179842	64.13	ng	91
59) Diethylphthalate	10.37	149	592513	56.26	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	278715	57.28	ng	90
61) 4-Nitroaniline	10.53	138	161619	56.92	ng #	62
62) Azobenzene	10.64	77	598279	58.21	ng	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	89429	55.95	ng	98
65) n-Nitrosodiphenylamine	10.61	169	539815	52.62	ng	91
66) 4-Bromophenyl-phenylether	10.97	248	185640	54.30	ng	99
67) Hexachlorobenzene	11.03	284	181075	46.93	ng #	83
68) Atrazine	11.13	200	164954	51.82	ng	83
69) Pentachlorophenol	11.23	266	227075	103.29	ng	99
70) Phenanthrene	11.45	178	859860	52.99	ng	95
71) Anthracene	11.51	178	988699	57.37	ng	98
72) Carbazole	11.66	167	862825	55.32	ng	96
73) Di-n-butylphthalate	11.99	149	917729	58.16	ng #	98
74) Fluoranthene	12.64	202	992770	54.66	ng	92
76) Benzidine	12.78	184	344079	37.72	ng	98
77) Pyrene	12.87	202	1055766	58.38	ng	95
79) Butylbenzylphthalate	13.50	149	439963	64.65	ng	95
80) Benzo(a)anthracene	14.07	228	983178	60.31	ng	95
81) 3,3'-Dichlorobenzidine	14.04	252	245807	44.65	ng #	95
82) Chrysene	14.07	228	983178	Below Cal		96
83) Bis(2-ethylhexyl)phthalate	14.06	149	557614	65.32	ng #	93
84) Di-n-octyl phthalate	14.68	149	918327	66.10	ng #	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	775078	60.78	ng #	86
87) Benzo(b)fluoranthene	15.14	252	1547738	115.57	ng #	87
88) Benzo(k)fluoranthene	15.14	252	1547738	126.09	ng #	88
89) Benzo(a)pyrene	15.48	252	705530	60.73	ng #	87
90) Dibenzo(a,h)anthracene	17.02	278	607869	62.37	ng #	80
91) Benzo(g,h,i)perylene	17.44	276	651735	65.25	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

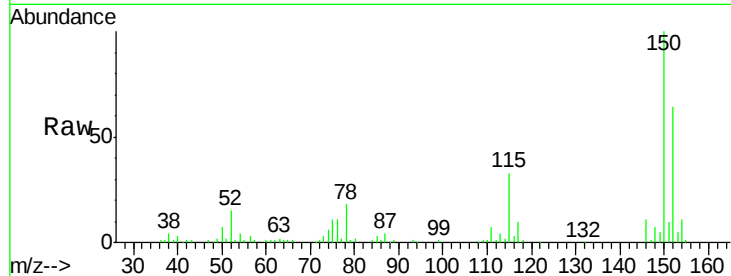
Tgt Ion:152 Resp: 81806

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

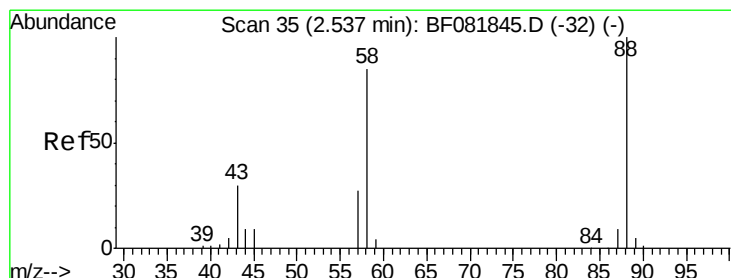
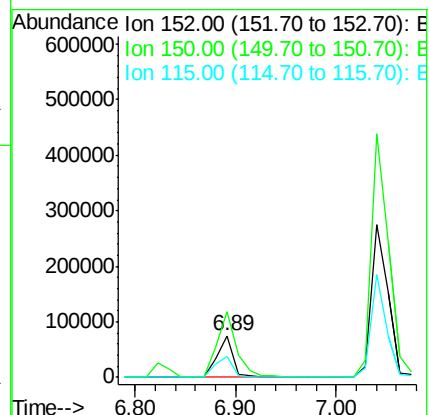
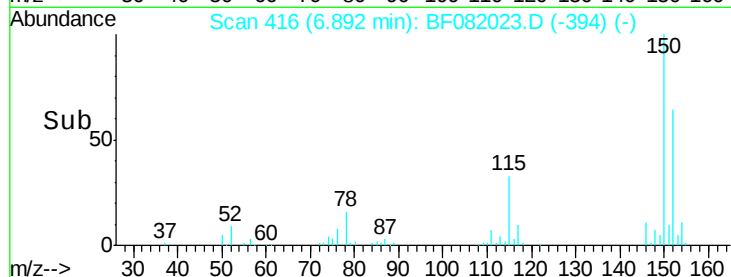
115 51.4 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.06 ng

RT: 2.51 min Scan# 33

Delta R.T. -0.02 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

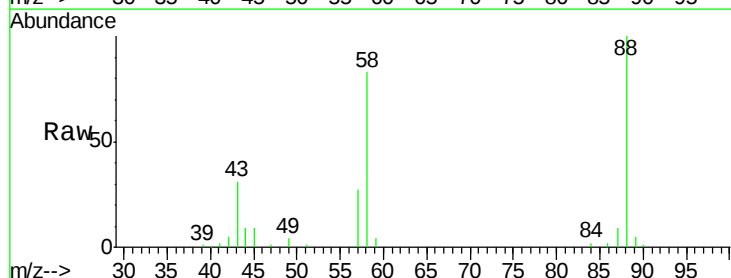
Tgt Ion: 88 Resp: 92218

Ion Ratio Lower Upper

88 100

58 80.8 77.7 116.5

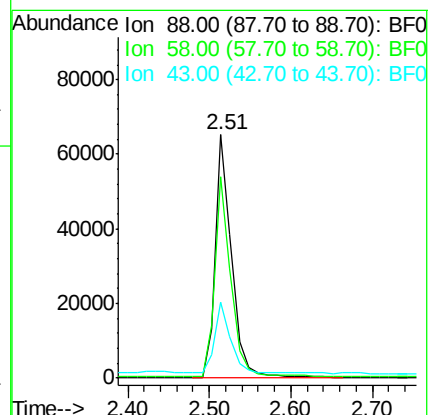
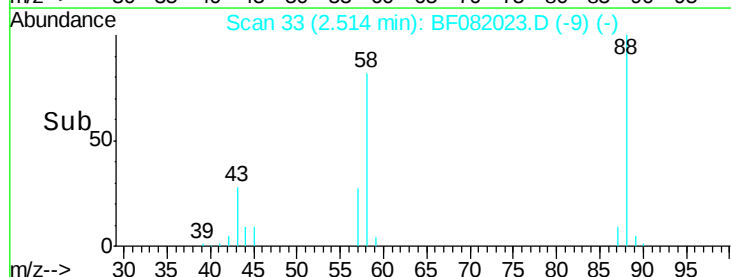
43 28.2 26.6 40.0

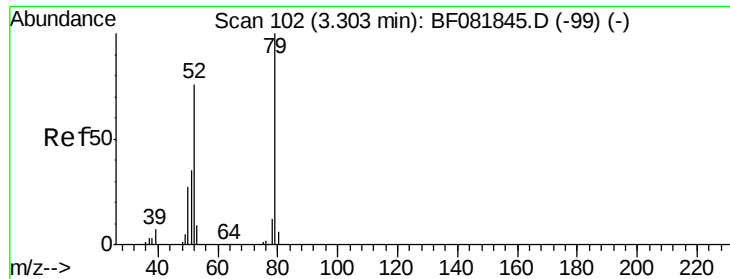


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

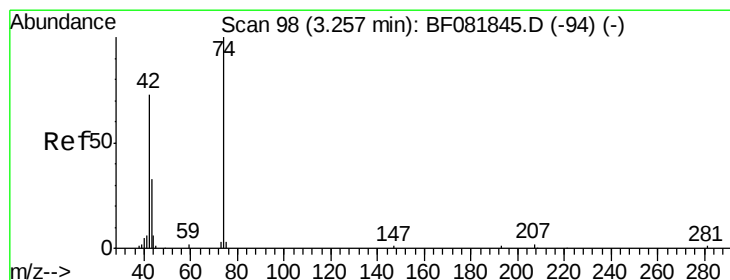
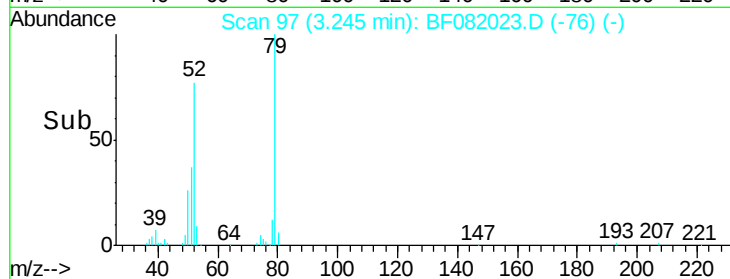
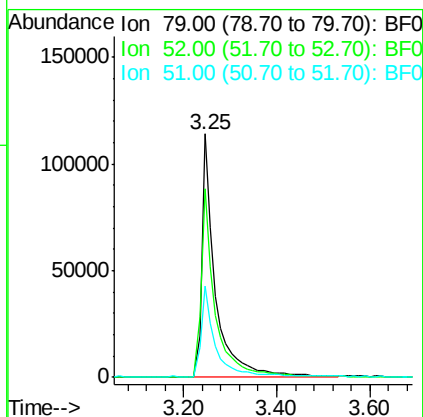
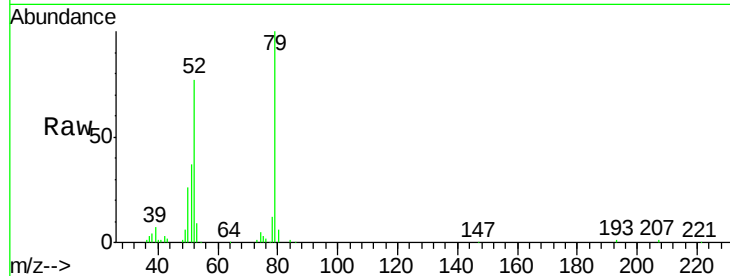




#3
 Pyridine
 Concen: 45.94 ng
 RT: 3.25 min Scan# 97
 Delta R.T. -0.06 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

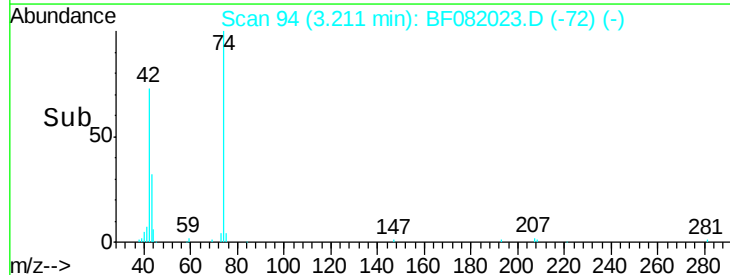
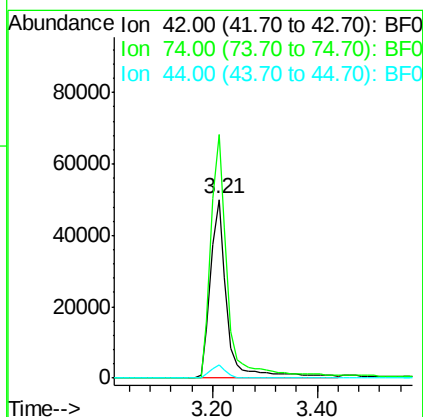
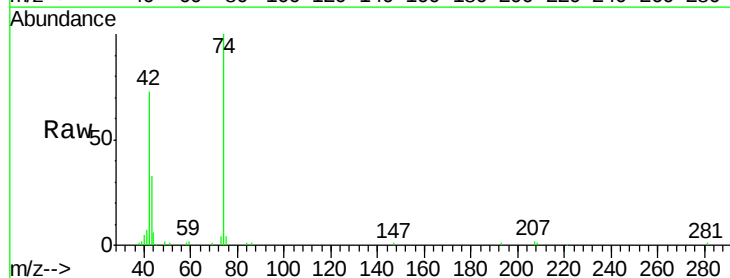
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion: 79 Resp: 234408
 Ion Ratio Lower Upper
 79 100
 52 77.3 76.8 115.2
 51 37.3 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 48.30 ng
 RT: 3.21 min Scan# 94
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion: 42 Resp: 111930
 Ion Ratio Lower Upper
 42 100
 74 136.2 105.0 157.6
 44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 158.59 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

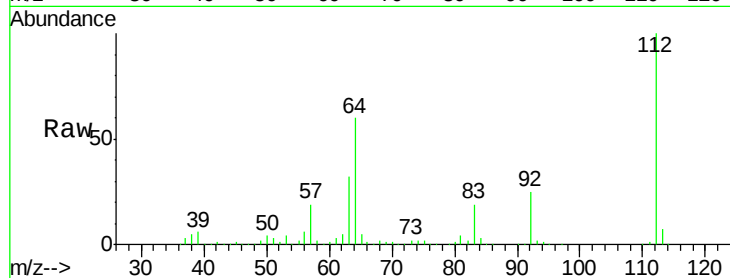
Tgt Ion: 112 Resp: 714684

Ion Ratio Lower Upper

112 100

64 59.6 39.7 59.5#

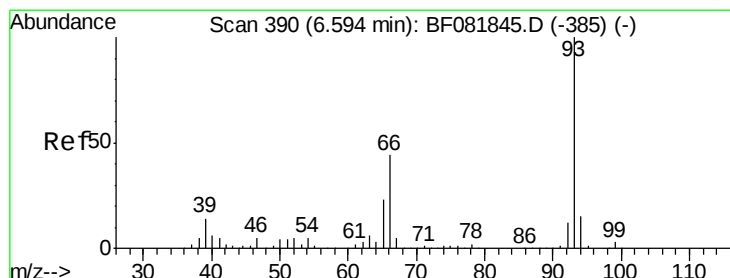
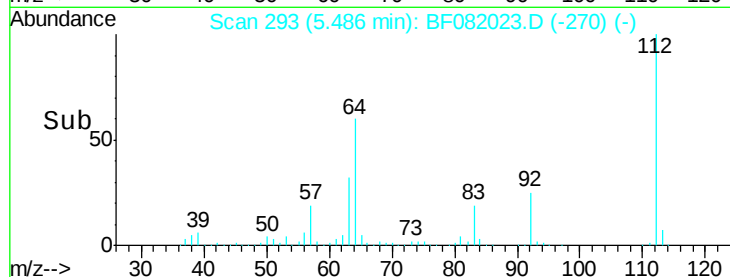
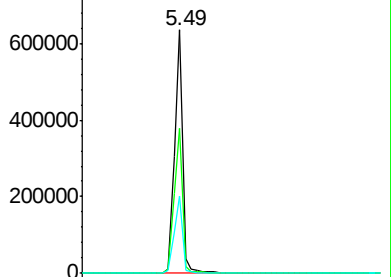
63 31.6 17.4 26.0#



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: 41.22 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

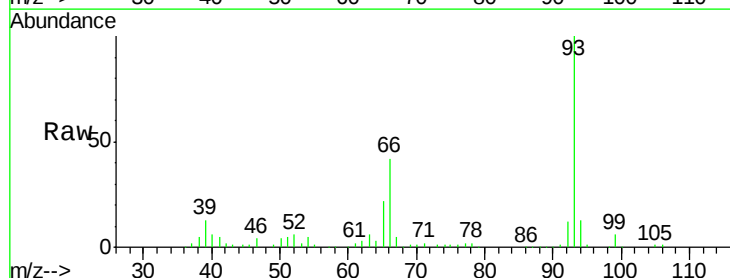
Tgt Ion: 93 Resp: 314063

Ion Ratio Lower Upper

93 100

66 41.8 27.2 40.8#

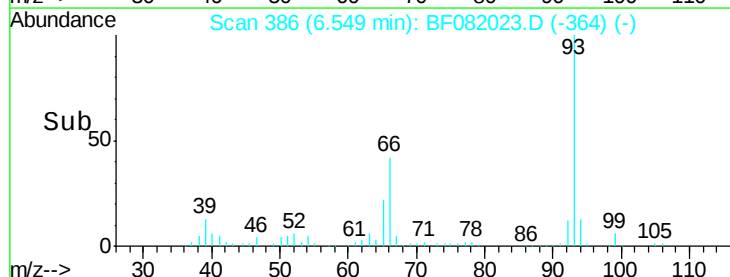
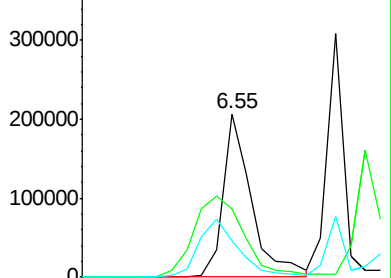
65 21.8 14.7 22.1

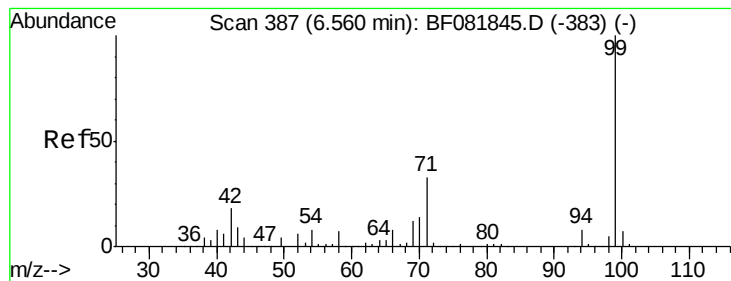


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 164.52 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

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BNA_F

ClientSampleId :

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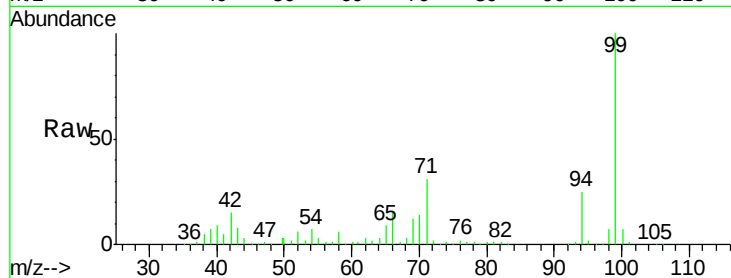
Tgt Ion: 99 Resp: 932934

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

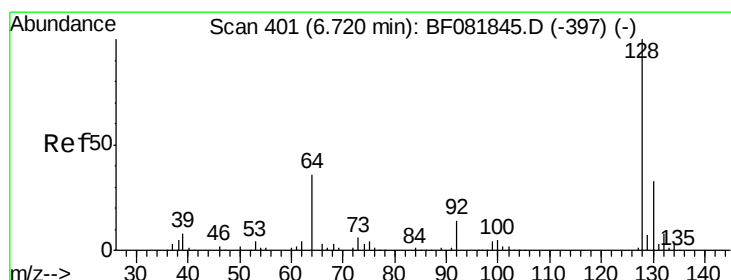
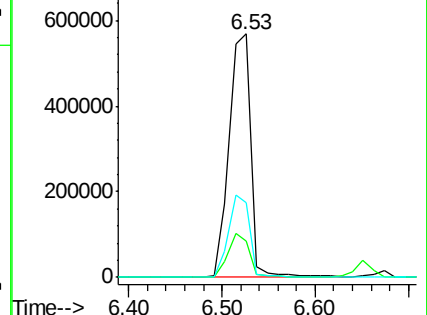
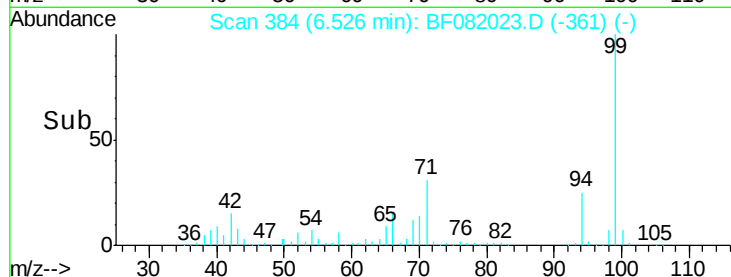
71 30.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 56.23 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

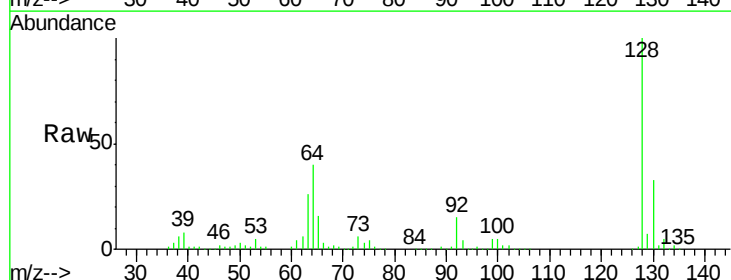
Tgt Ion:128 Resp: 279839

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

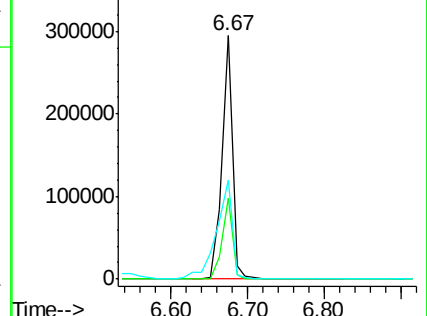
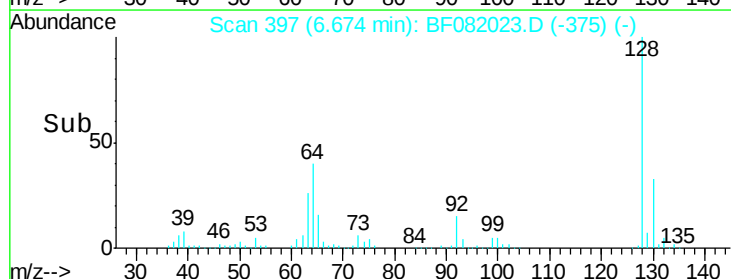
64 40.4 20.5 60.5

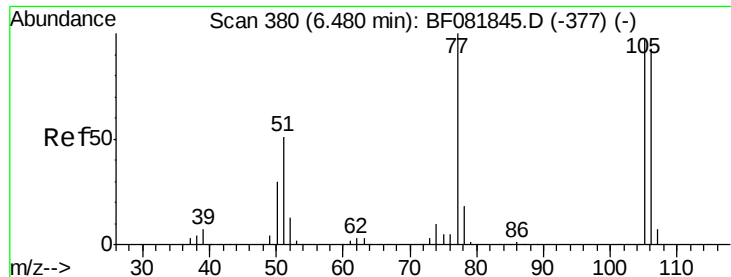


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.54 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

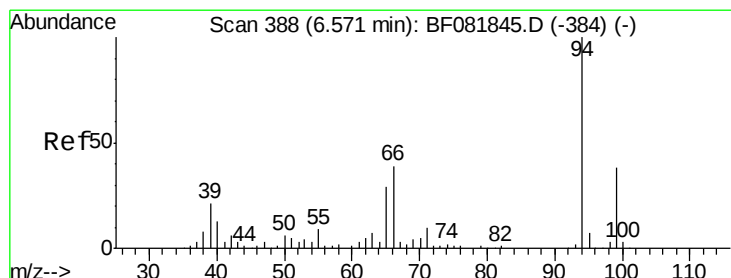
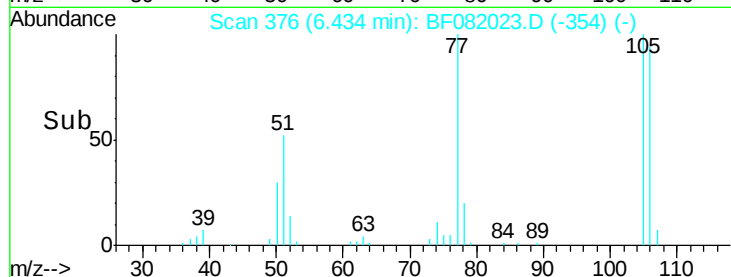
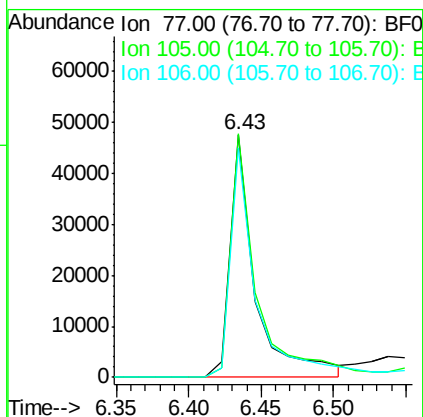
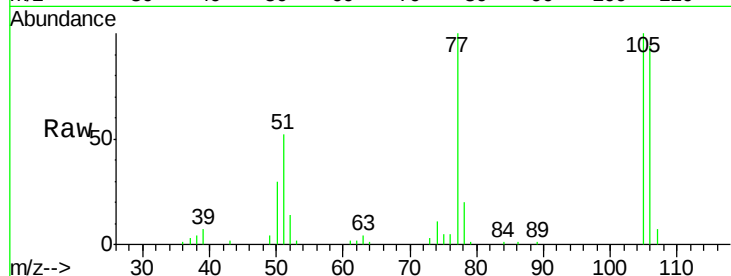
Tgt Ion: 77 Resp: 57690

Ion Ratio Lower Upper

77 100

105 100.3 91.6 131.6

106 94.7 102.6 142.6#



#10

Phenol

Concen: 53.73 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

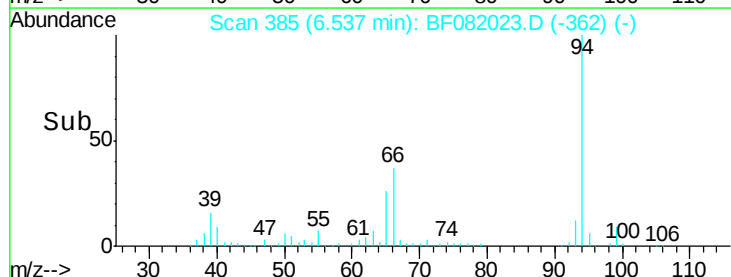
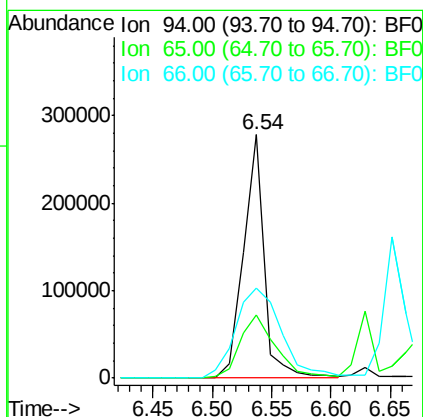
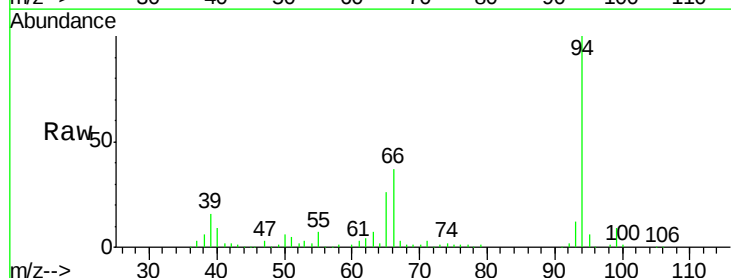
Tgt Ion: 94 Resp: 341745

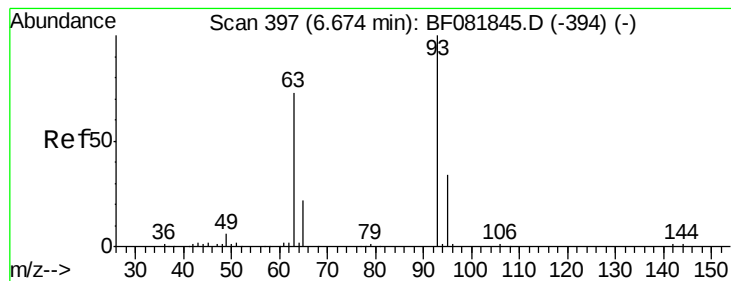
Ion Ratio Lower Upper

94 100

65 26.2 0.7 40.7

66 37.1 0.8 40.8

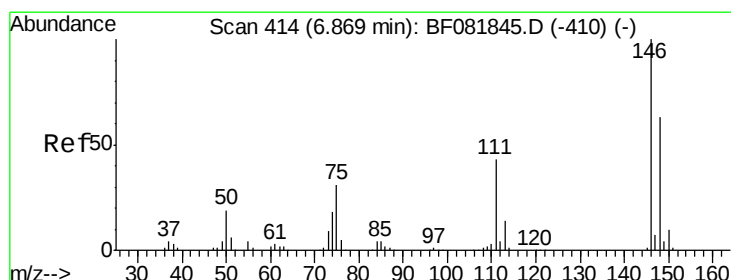
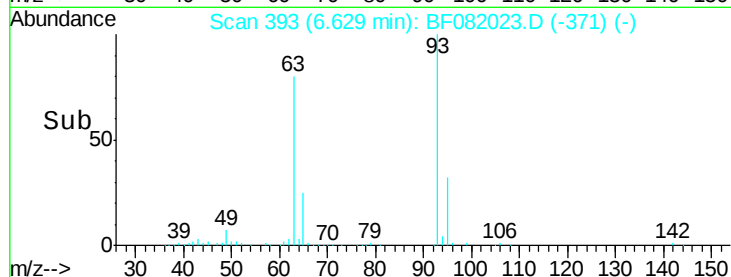
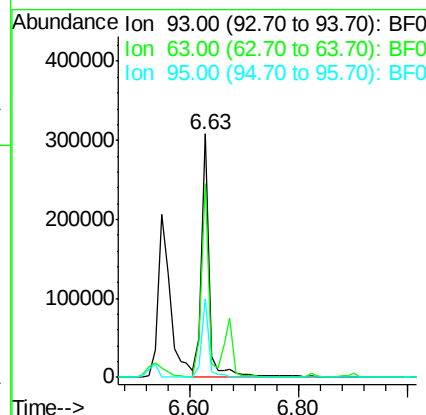
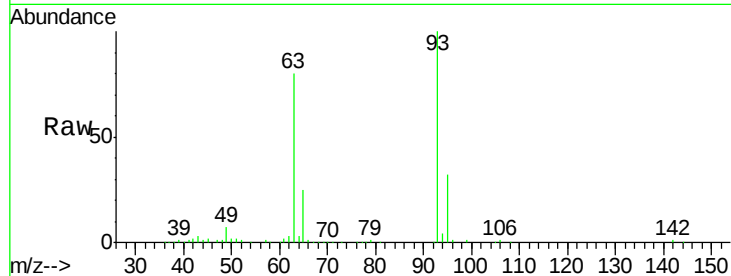




#11
bis(2-Chloroethyl)ether
Concen: 60.10 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

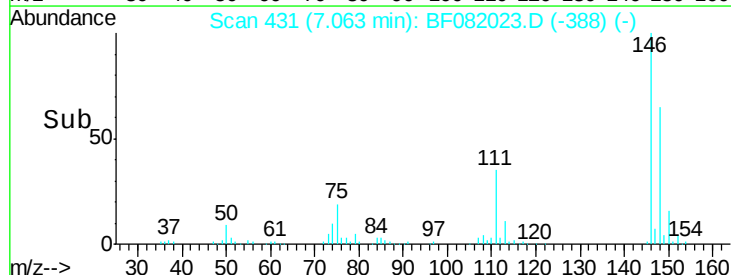
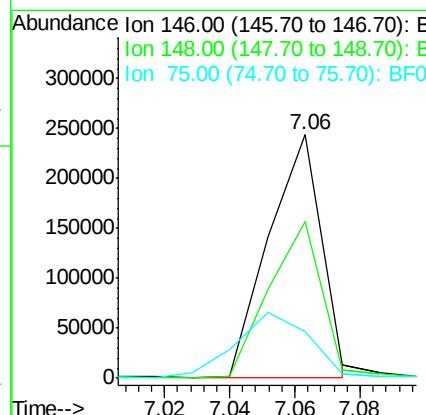
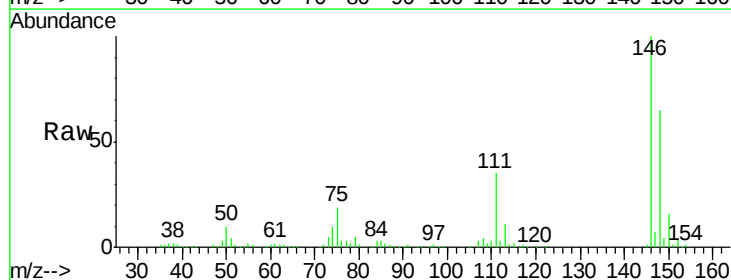
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

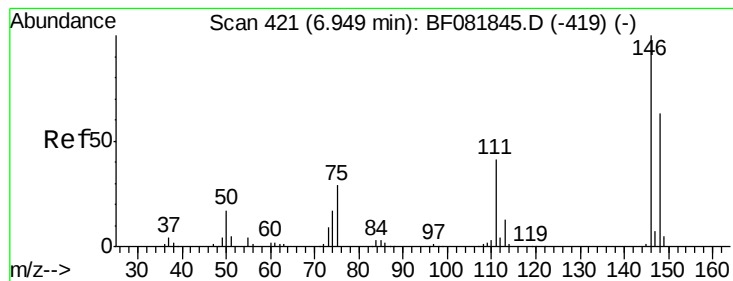
Tgt Ion: 93 Resp: 296465
Ion Ratio Lower Upper
93 100
63 79.6 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 46.28 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.19 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion: 146 Resp: 272067
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 19.2 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 45.30 ng

RT: 7.06 min Scan# 431

Delta R.T. 0.11 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

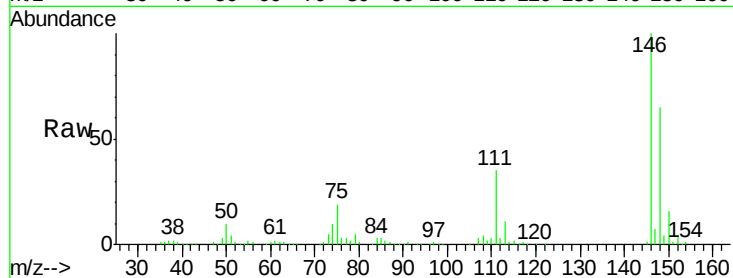
Tgt Ion:146 Resp: 278067

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

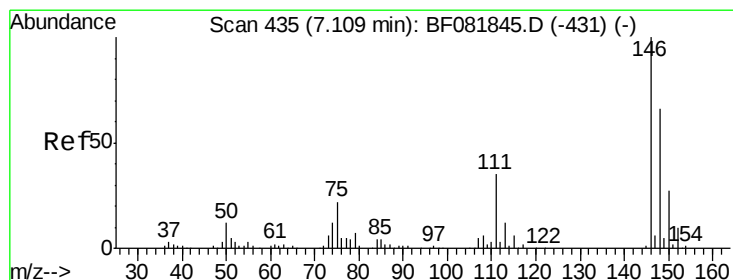
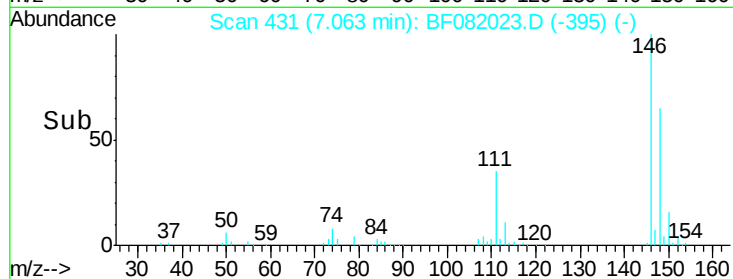
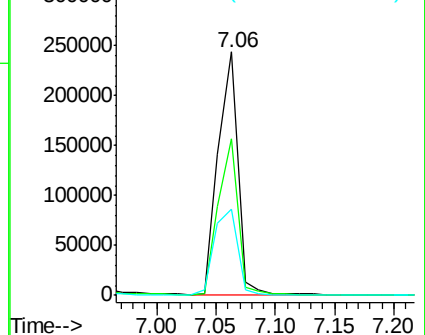
111 35.2 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 52.76 ng

RT: 7.06 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

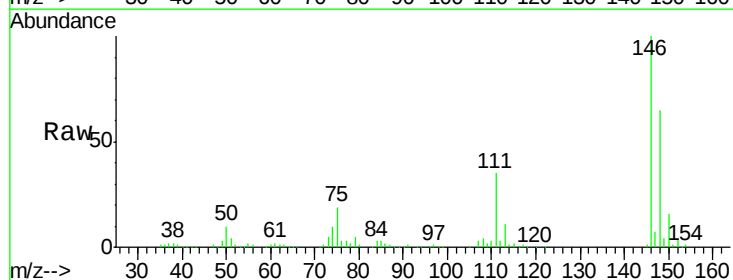
Tgt Ion:146 Resp: 288556

Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

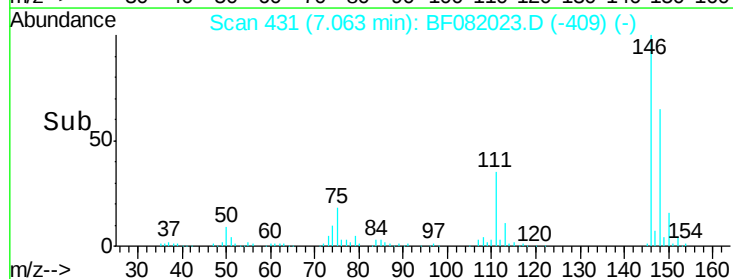
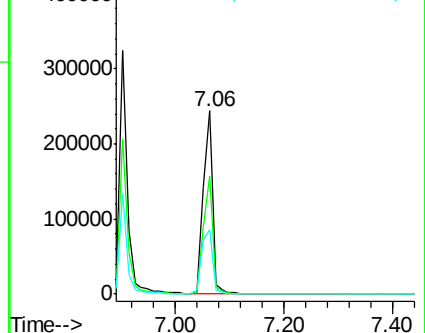
111 35.2 28.8 43.2

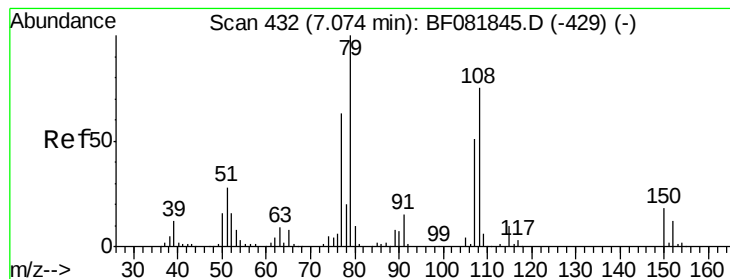


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.98 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

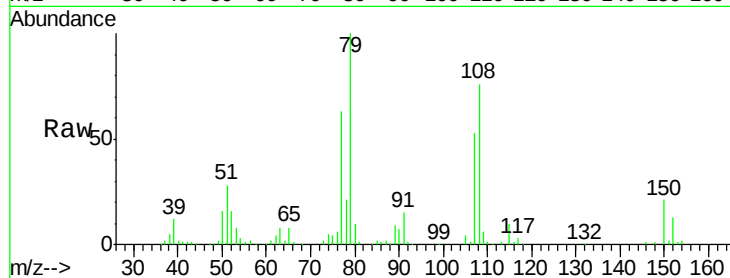
Tgt Ion: 79 Resp: 208658

Ion Ratio Lower Upper

79 100

108 75.5 88.6 132.8#

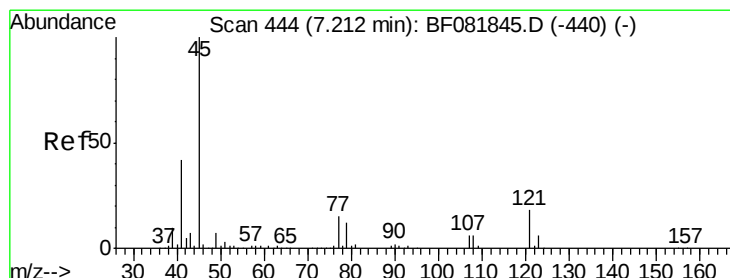
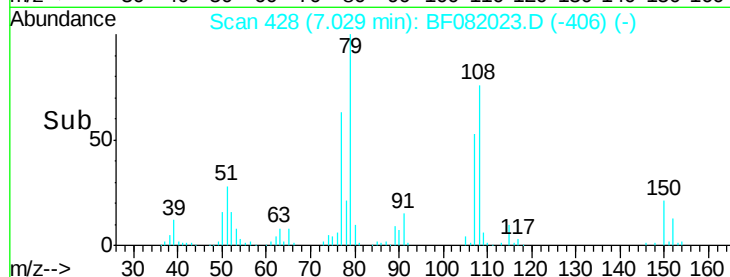
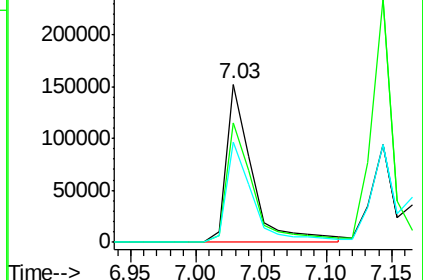
77 63.5 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.47 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

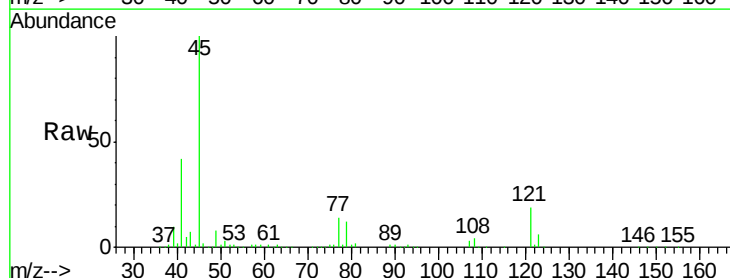
Tgt Ion: 45 Resp: 365887

Ion Ratio Lower Upper

45 100

77 14.3 0.0 28.1

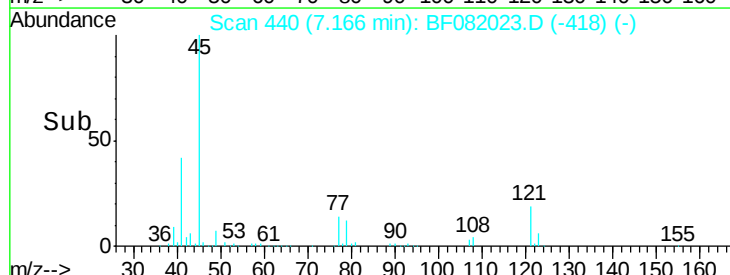
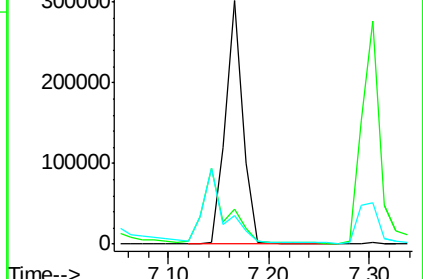
79 11.8 0.0 26.0

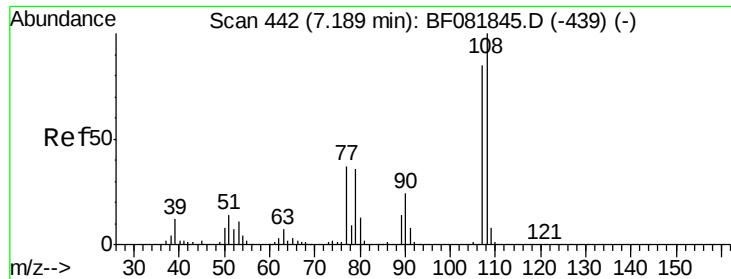


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

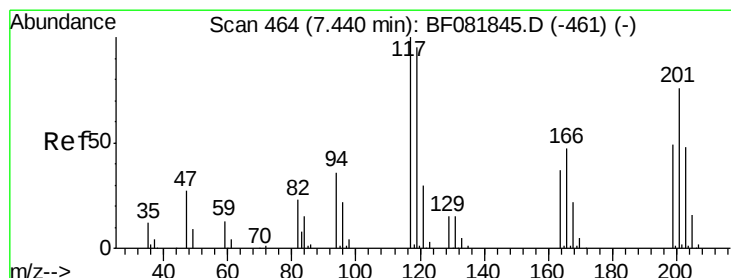
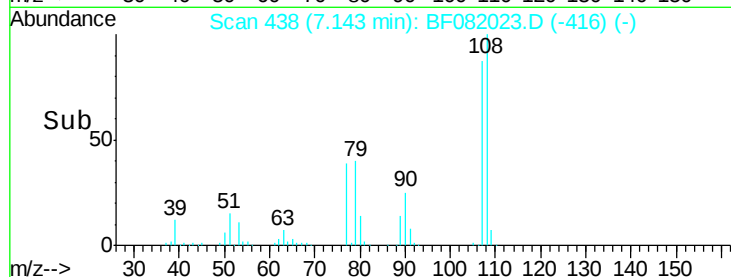
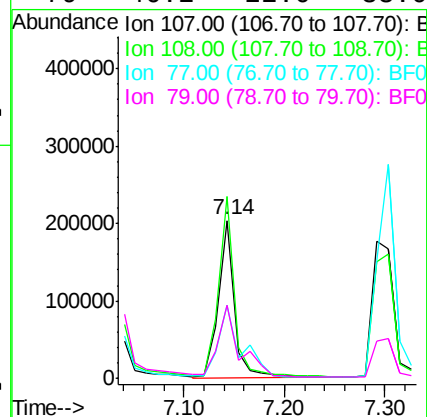
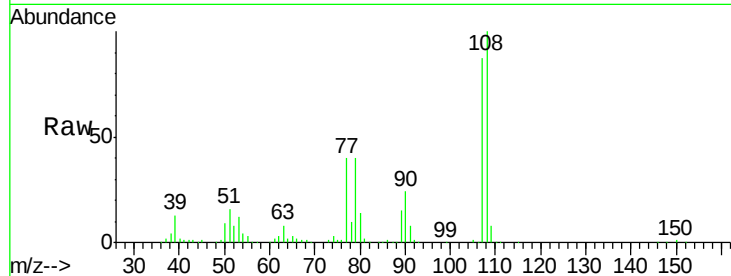




#17
2-Methylphenol
Concen: 55.77 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

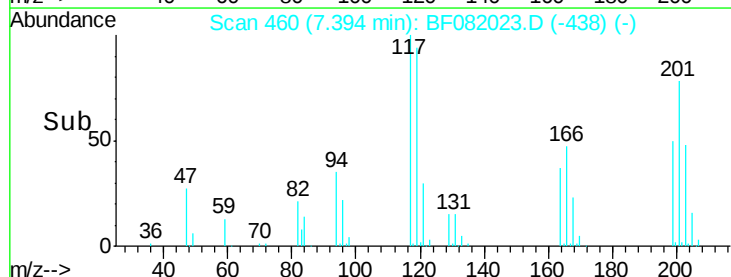
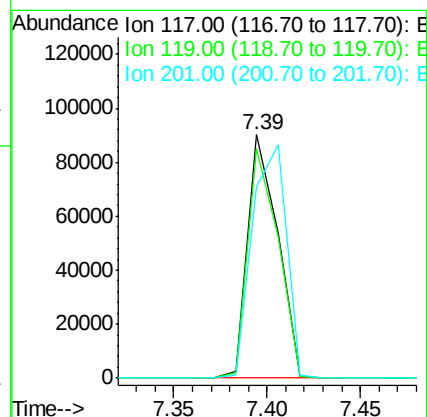
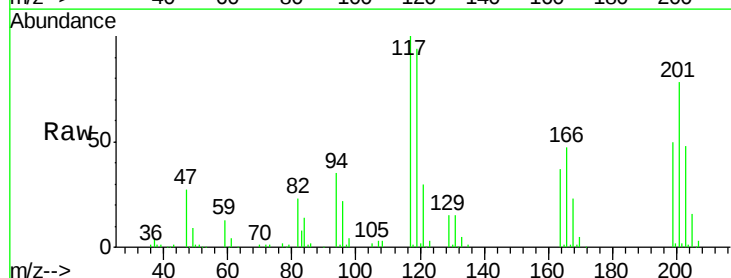
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

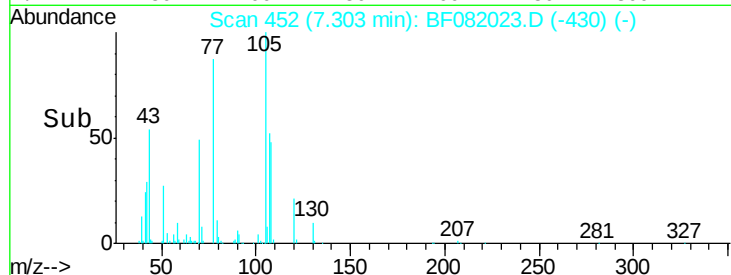
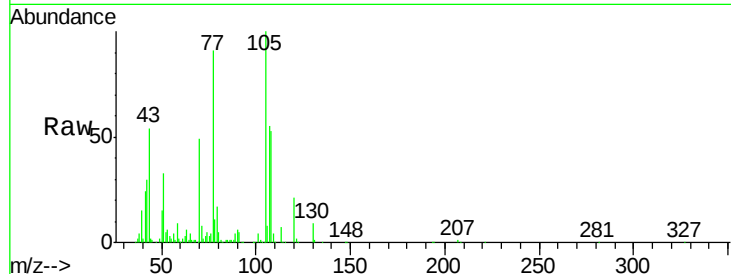
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	96.6	145.0
77	46.1	23.3	34.9#
79	46.2	22.0	33.0#



#18
Hexachloroethane
Concen: 52.46 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	83.8	125.6
201	78.5	55.1	82.7

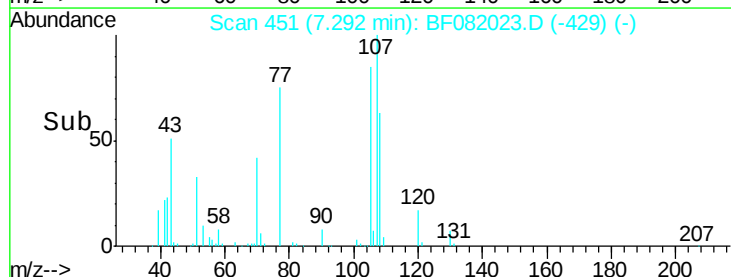
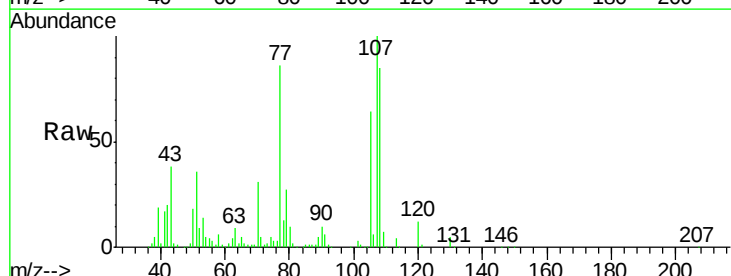
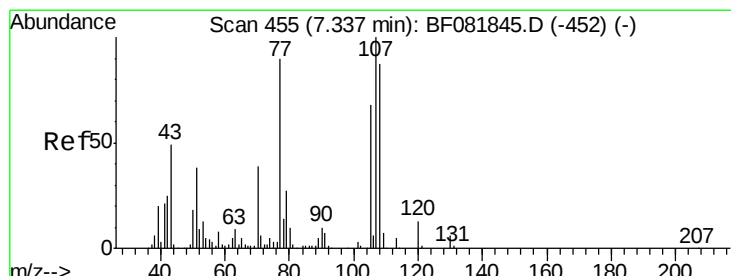
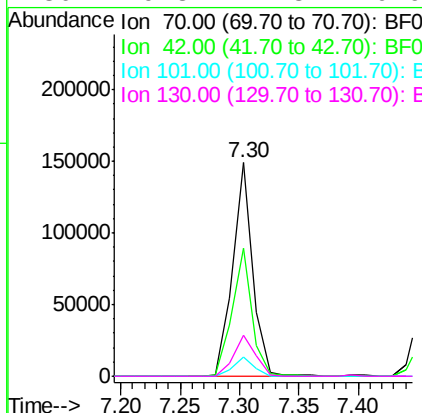




#19
n-Nitroso-di-n-propylamine
Concen: 50.86 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

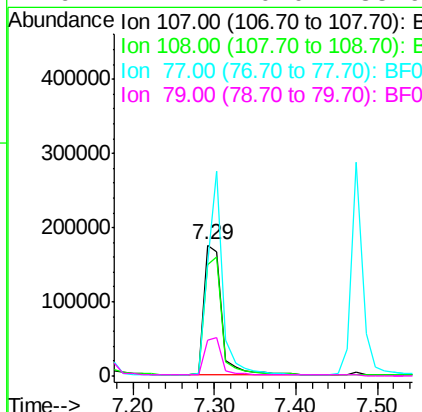
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

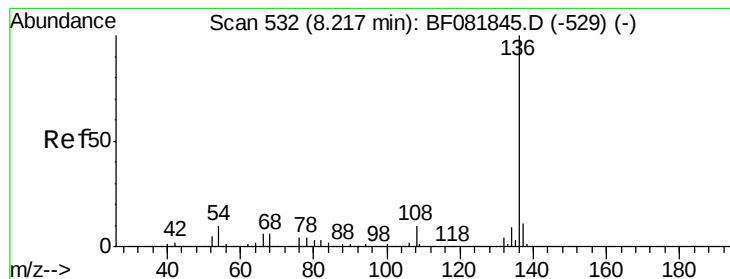
Tgt Ion:	70	Resp:	175286
Ion	Ratio	Lower	Upper
70	100		
42	60.2	63.8	95.6#
101	9.0	9.2	13.8#
130	19.3	27.3	40.9#



#20
3+4-Methylphenols
Concen: 53.17 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion:	107	Resp:	270987
Ion	Ratio	Lower	Upper
107	100		
108	85.2	74.6	114.6
77	86.2	0.7	40.7#
79	27.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

Tgt Ion:136 Resp: 326032

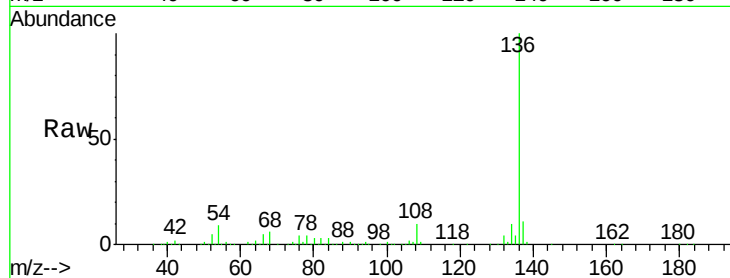
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.9 8.2 12.2

68 5.8 5.8 8.6

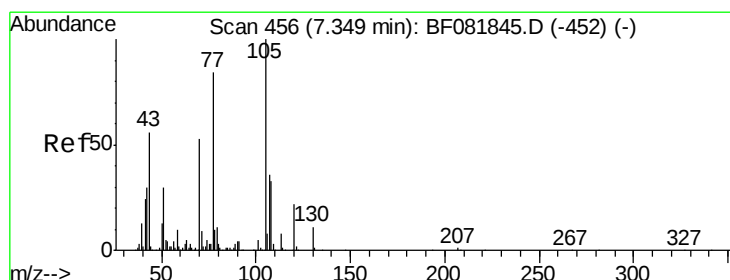
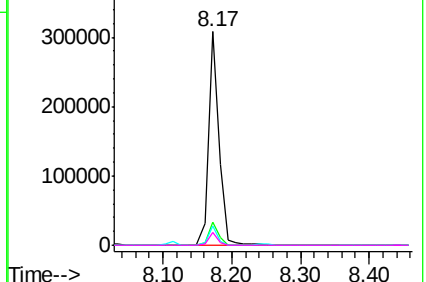
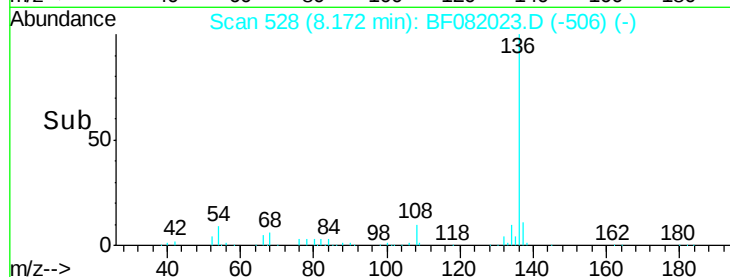


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.50 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:105 Resp: 369970

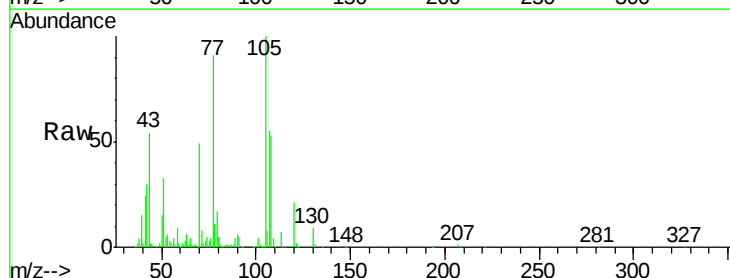
Ion Ratio Lower Upper

105 100

71 8.2 4.7 7.1#

51 32.6 22.0 33.0

120 20.8 30.1 45.1#

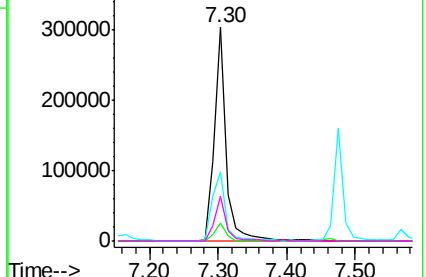
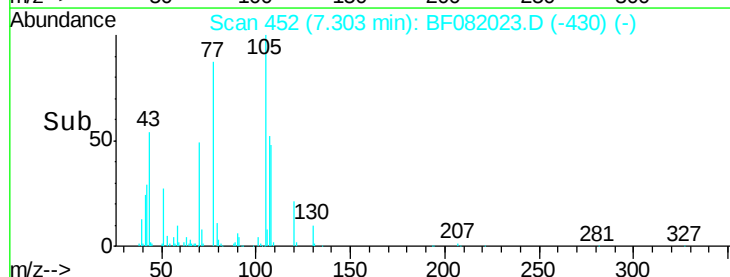


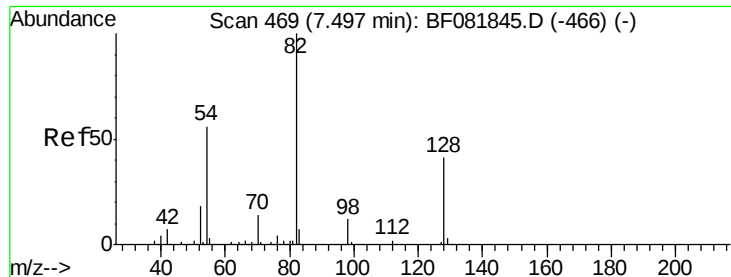
Abundance Ion 105.00 (104.70 to 105.70): E

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

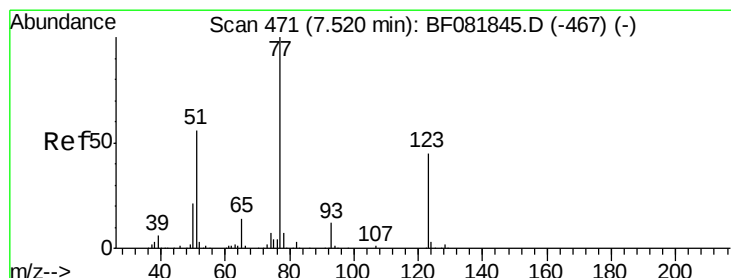
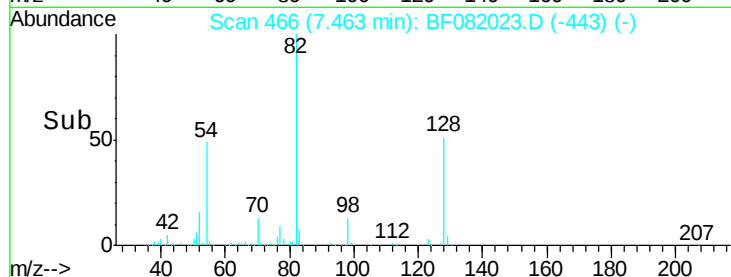
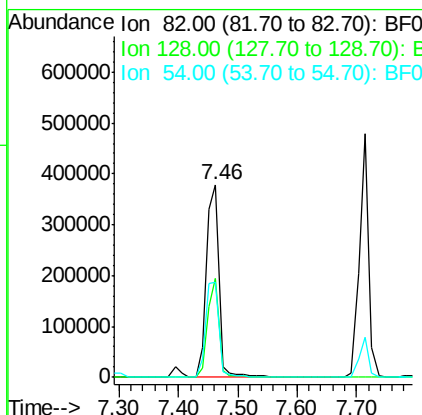
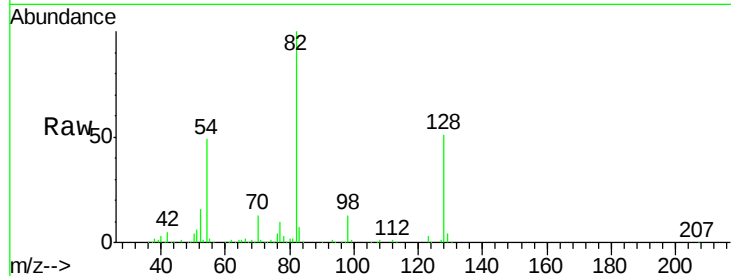




#23
 Nitrobenzene-d5
 Concen: 116.96 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

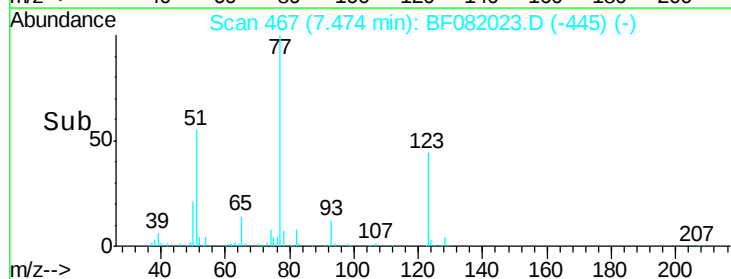
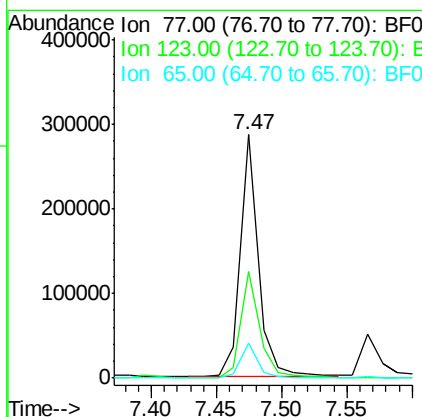
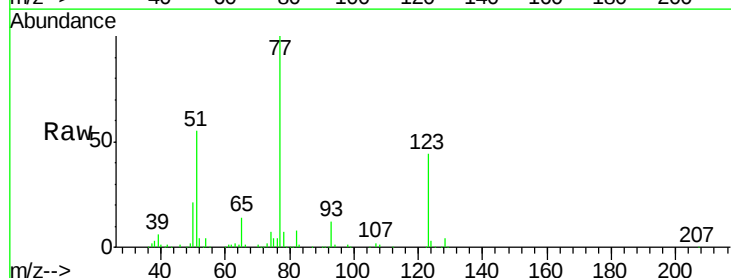
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

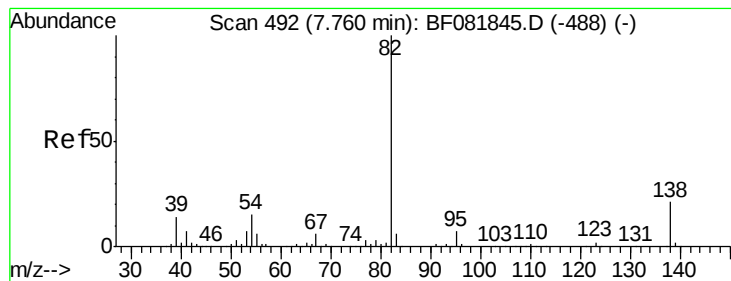
Tgt Ion: 82 Resp: 572061
 Ion Ratio Lower Upper
 82 100
 128 51.1 51.0 76.6
 54 49.2 47.5 71.3



#24
 Nitrobenzene
 Concen: 51.36 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion: 77 Resp: 272749
 Ion Ratio Lower Upper
 77 100
 123 43.7 59.8 89.8#
 65 14.1 10.2 15.4





#25

Isophorone

Concen: 53.17 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

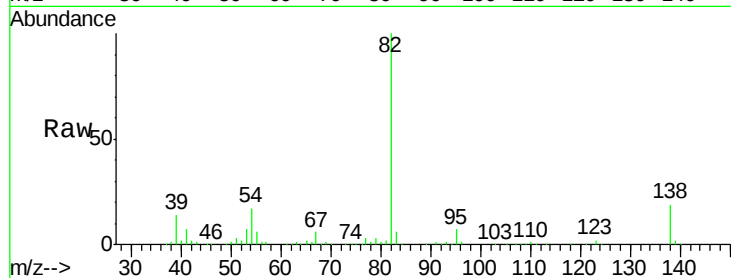
Tgt Ion: 82 Resp: 515406

Ion Ratio Lower Upper

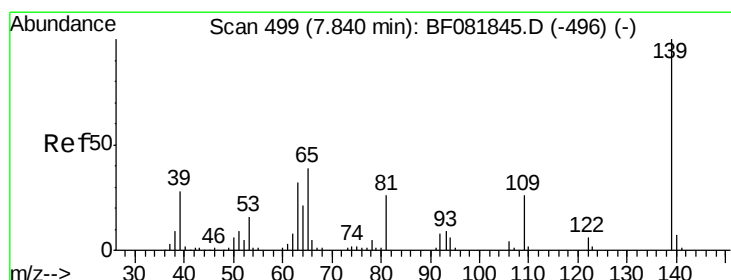
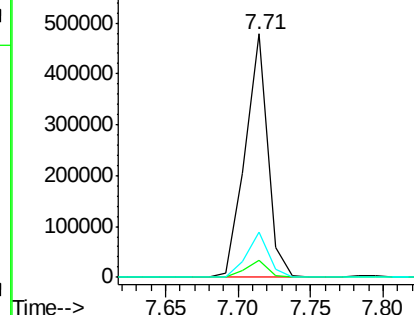
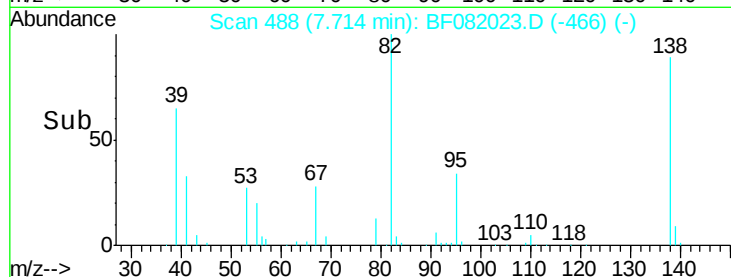
82 100

95 7.1 4.0 6.0#

138 18.7 18.3 27.5



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: 60.65 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

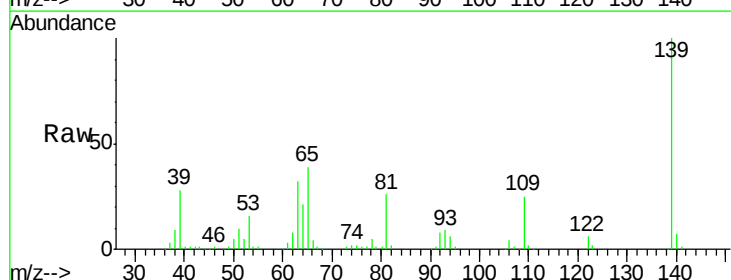
Tgt Ion: 139 Resp: 154625

Ion Ratio Lower Upper

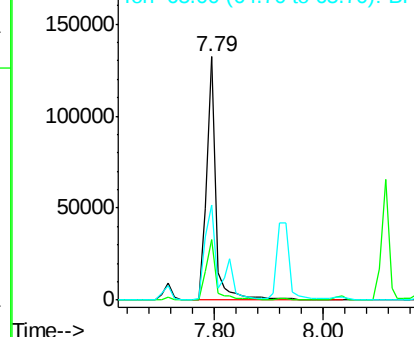
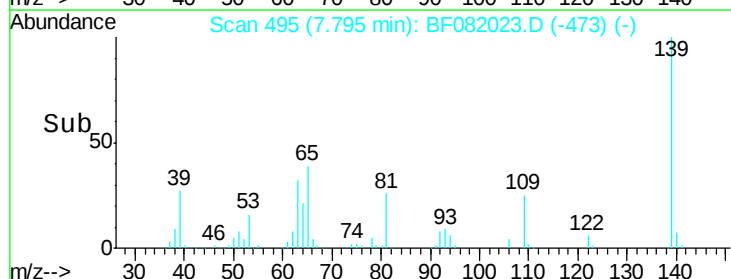
139 100

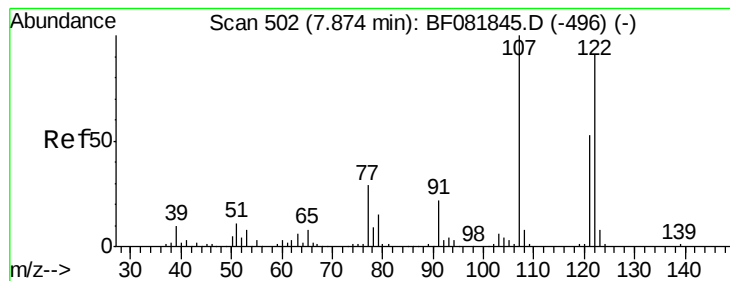
109 24.9 11.0 16.4#

65 39.2 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 56.68 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

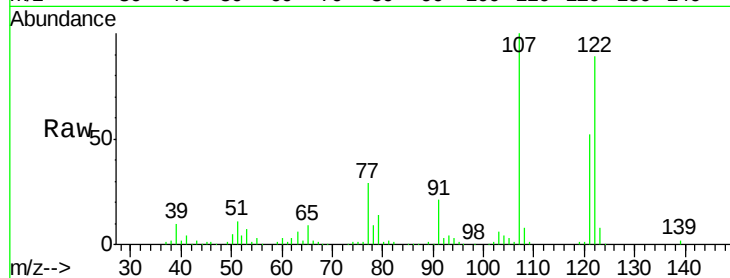
Tgt Ion:122 Resp: 254184

Ion Ratio Lower Upper

122 100

107 111.9 71.8 107.6#

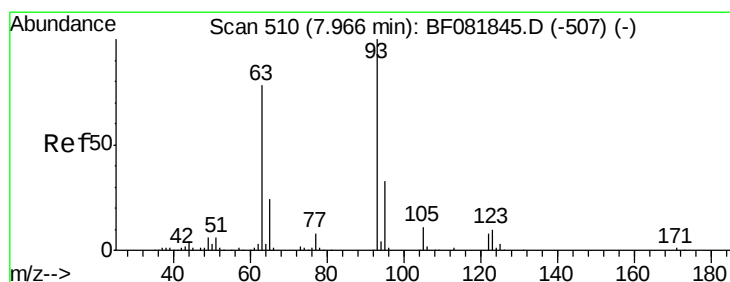
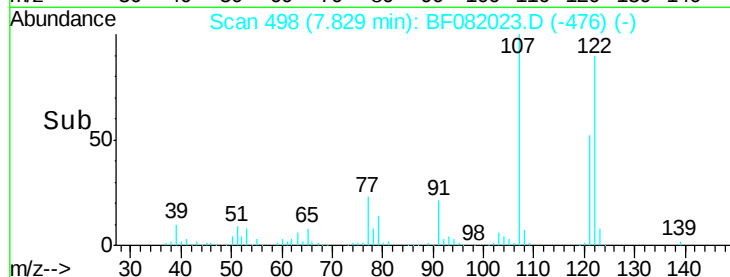
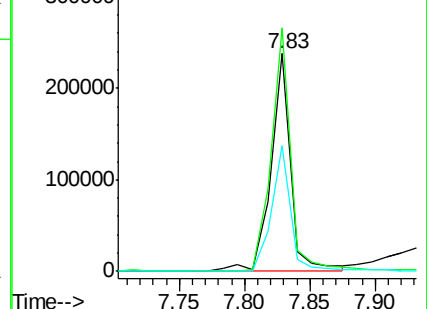
121 58.1 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.10 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

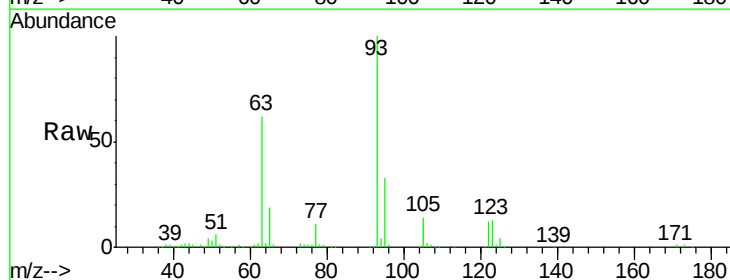
Tgt Ion: 93 Resp: 311464

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

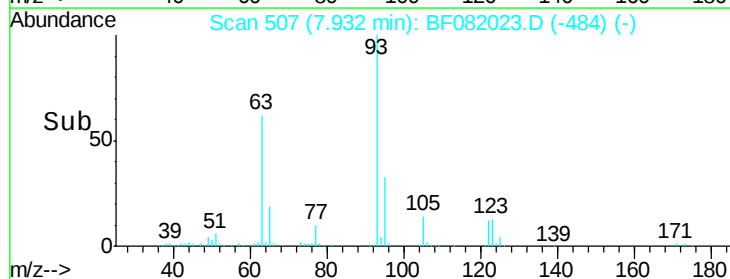
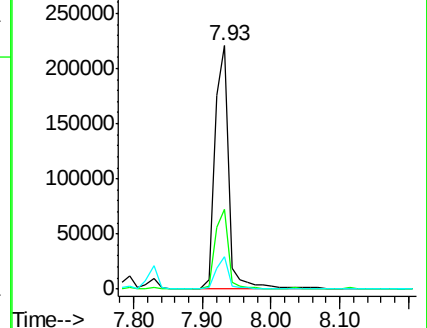
123 13.1 13.7 20.5#

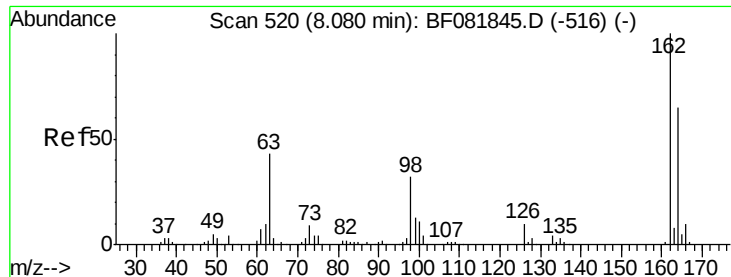


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

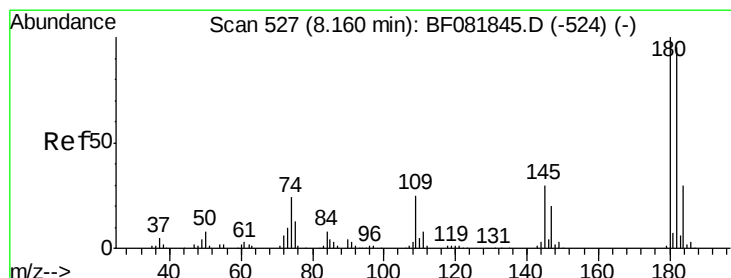
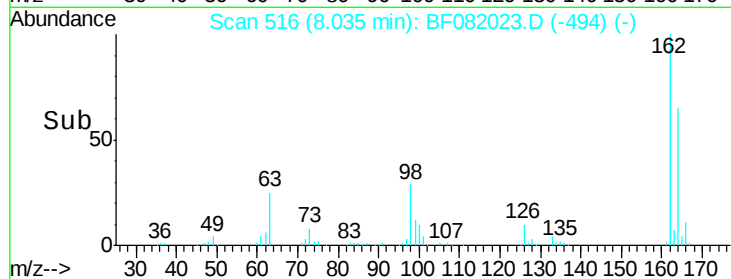
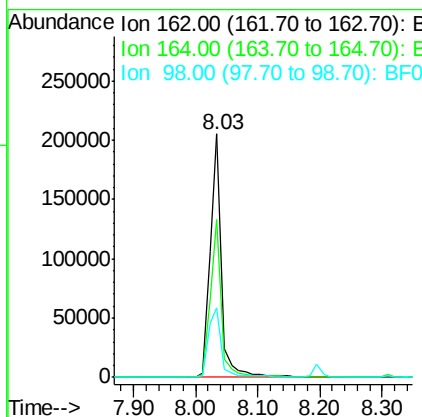
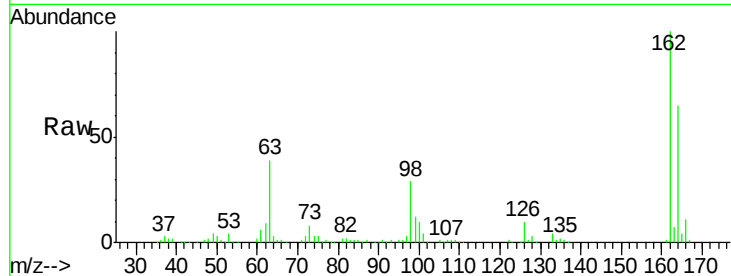




#29
 2,4-Dichlorophenol
 Concen: 59.22 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

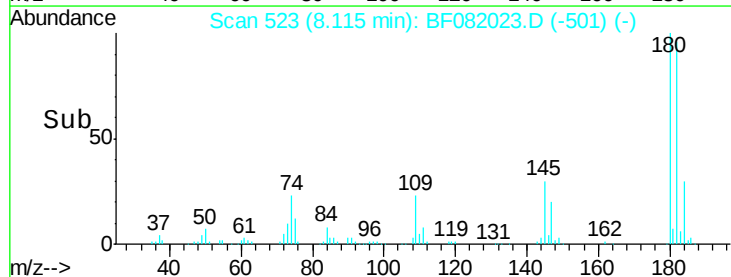
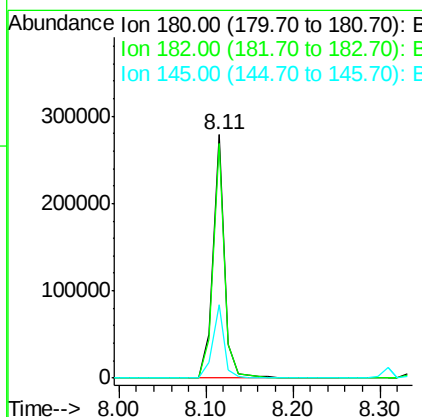
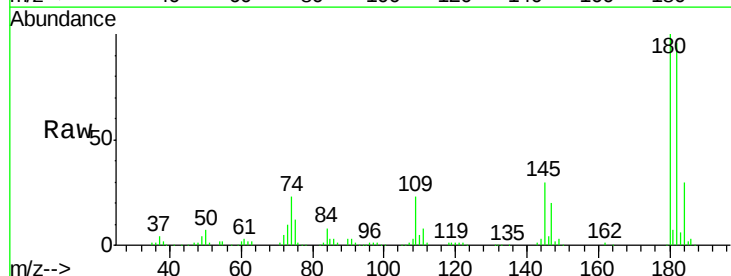
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

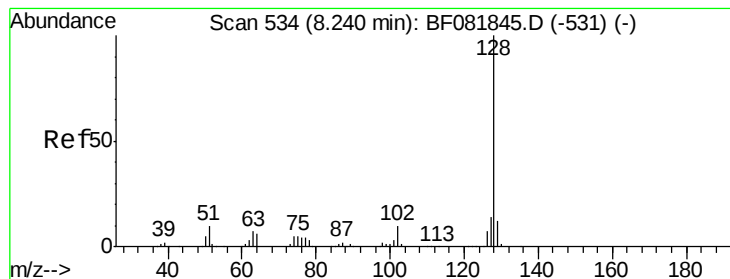
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	28.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 54.02 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.1	115.7
145	30.2	23.3	34.9





#31

Naphthalene

Concen: 53.89 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

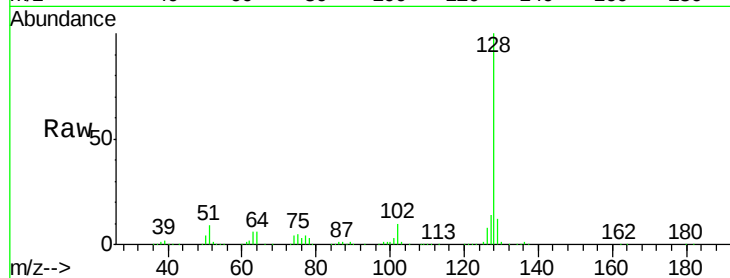
Tgt Ion:128 Resp: 778488

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

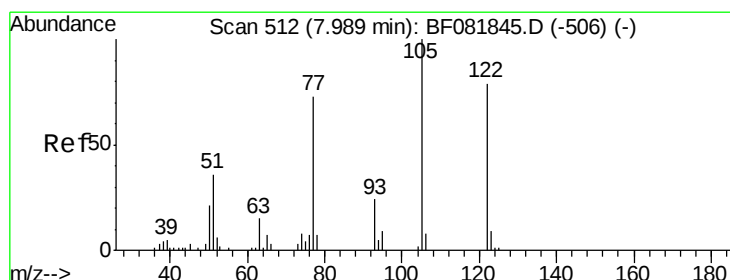
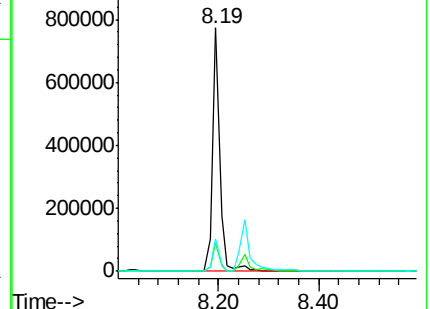
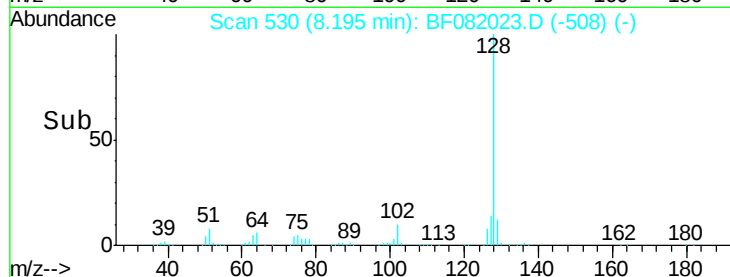
127 13.5 9.9 14.9



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: 30.22 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

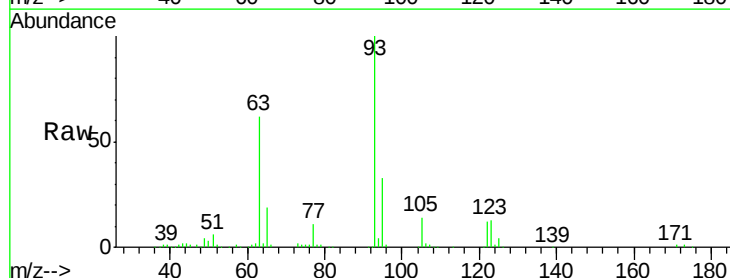
Tgt Ion:122 Resp: 72445

Ion Ratio Lower Upper

122 100

105 120.7 76.1 116.1#

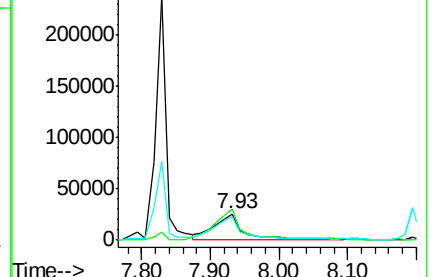
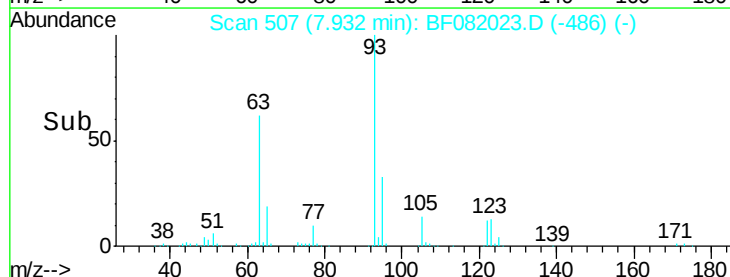
77 92.3 40.5 80.5#

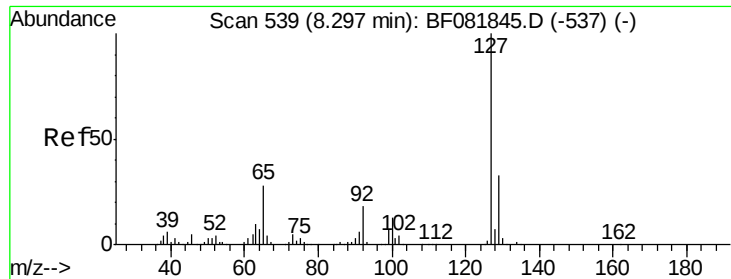


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

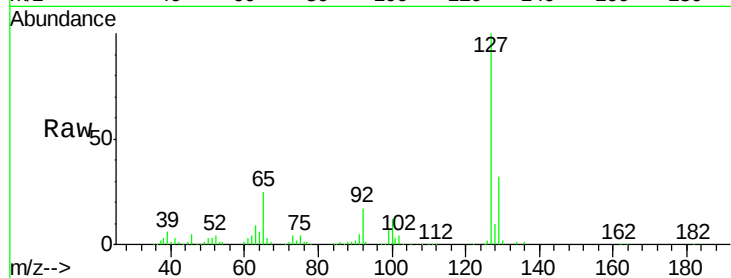




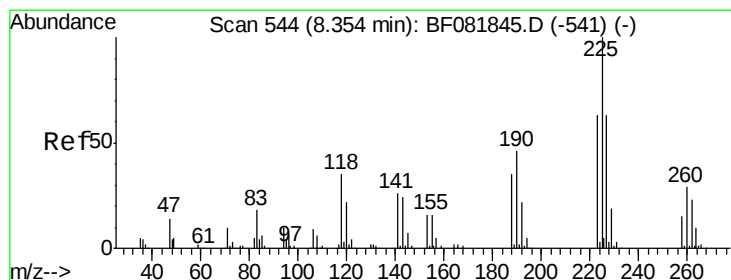
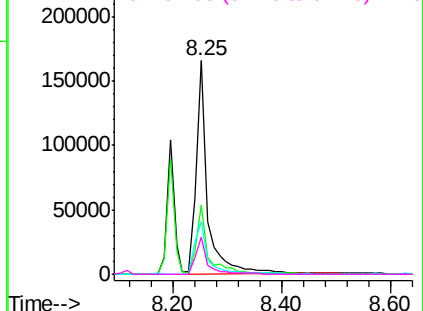
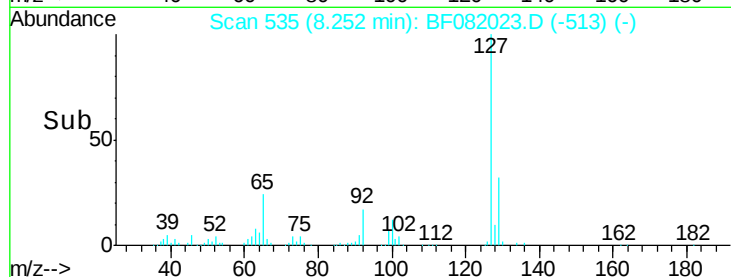
#33
 4-Chloroaniline
 Concen: 37.44 ng
 RT: 8.25 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:	127	Resp:	233876
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	24.8	17.9	26.9
92	17.1	10.5	15.7#

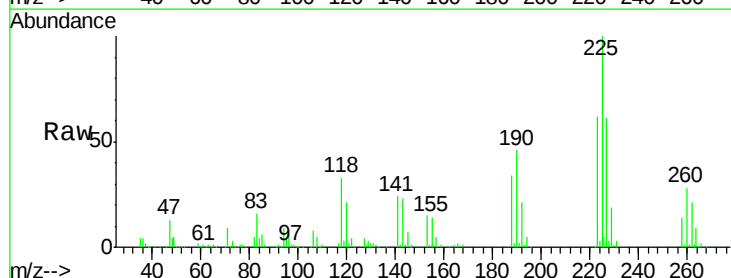


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

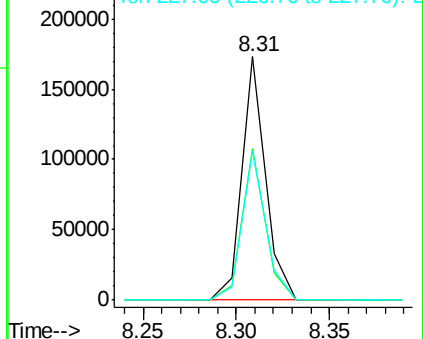
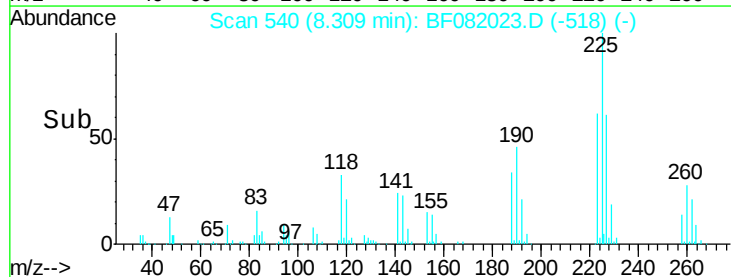


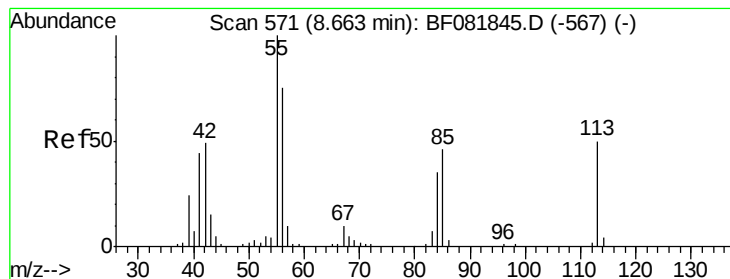
#34
 Hexachlorobutadiene
 Concen: 53.17 ng
 RT: 8.31 min Scan# 540
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:	225	Resp:	152671
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	61.4	52.2	78.2



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: 28.01 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

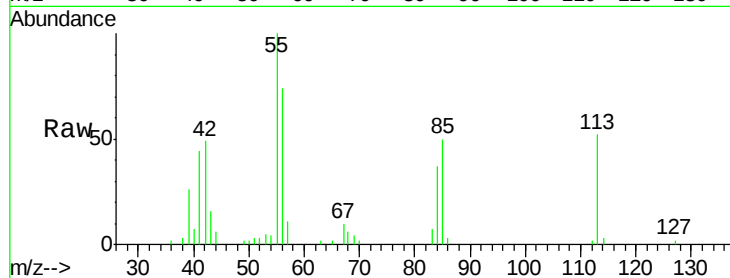
Tgt Ion:113 Resp: 33715

Ion Ratio Lower Upper

113 100

55 191.4 152.4 192.4

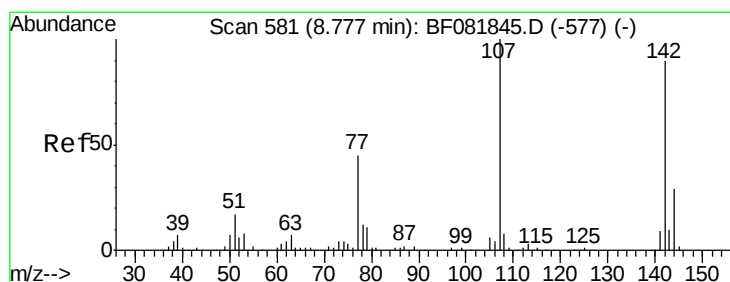
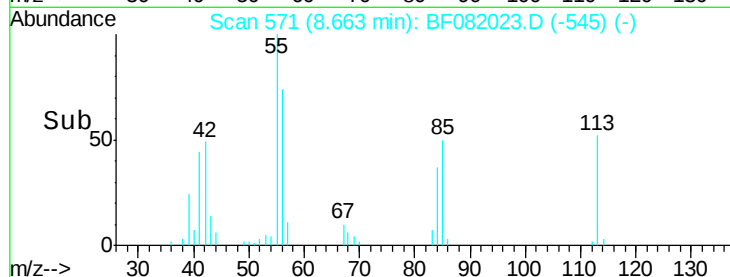
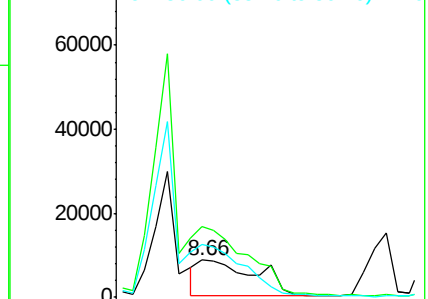
56 142.2 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 61.15 ng

RT: 8.73 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

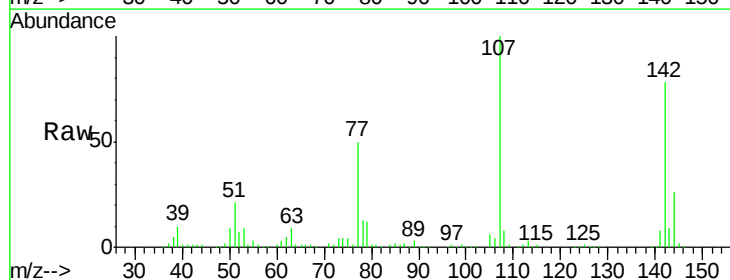
Tgt Ion:107 Resp: 260029

Ion Ratio Lower Upper

107 100

144 25.5 25.4 38.0

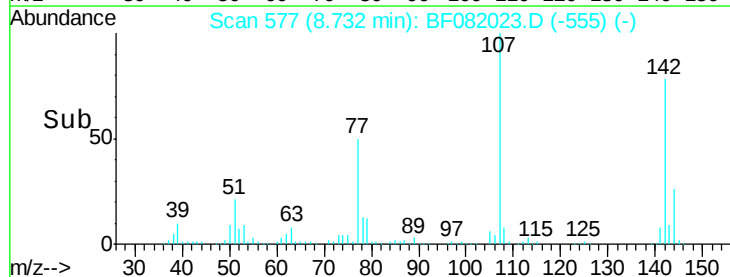
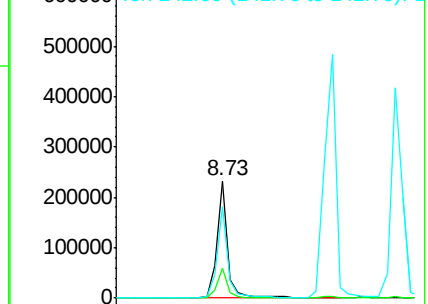
142 77.8 77.3 115.9

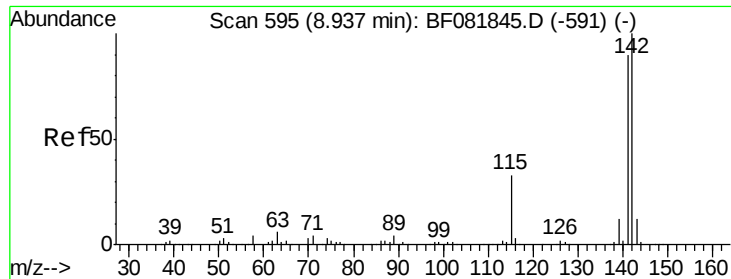


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

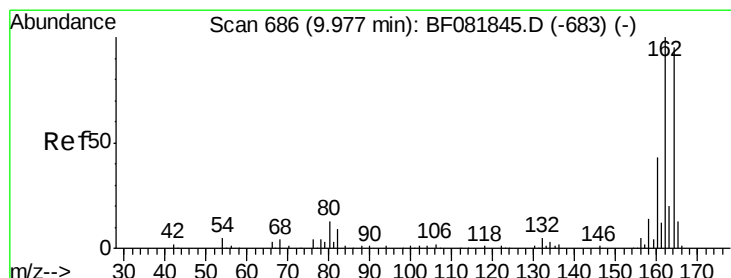
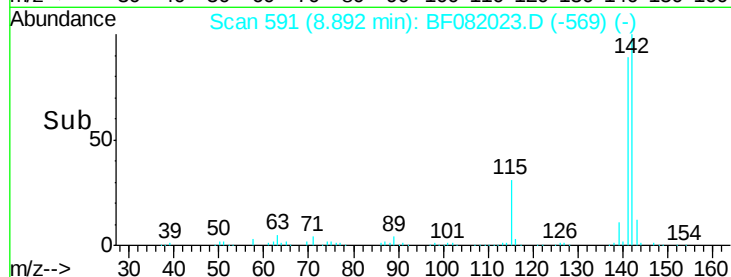
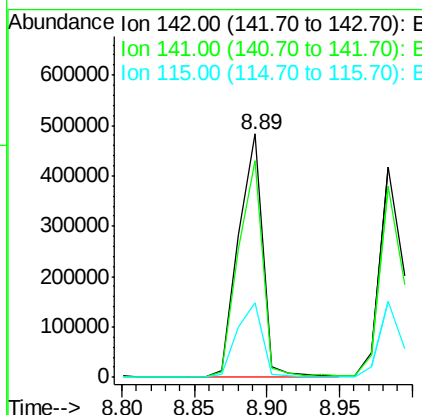
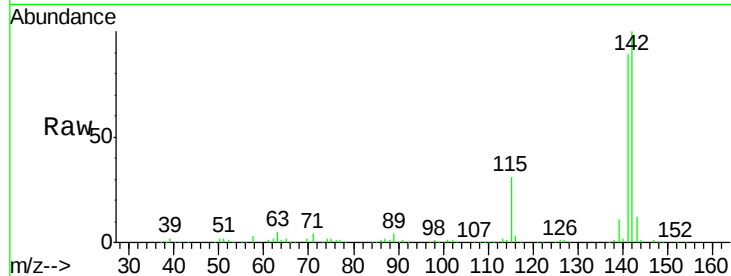




#37
 2-Methylnaphthalene
 Concen: 57.16 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

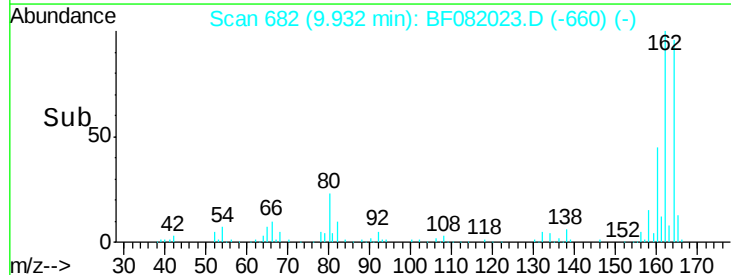
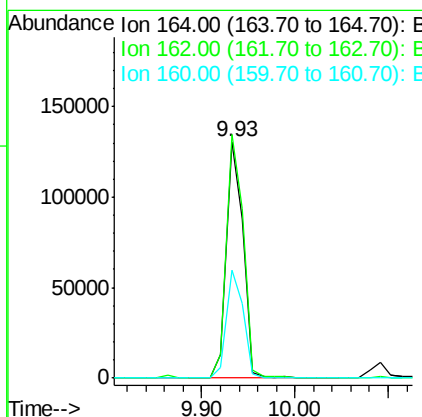
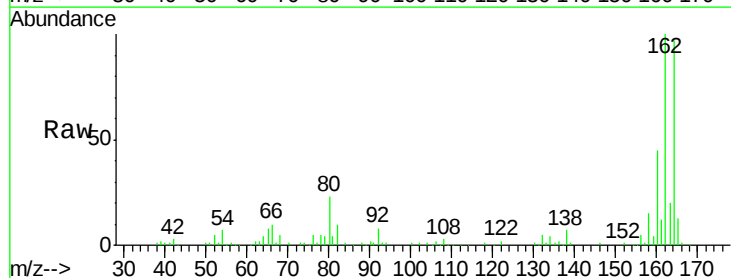
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

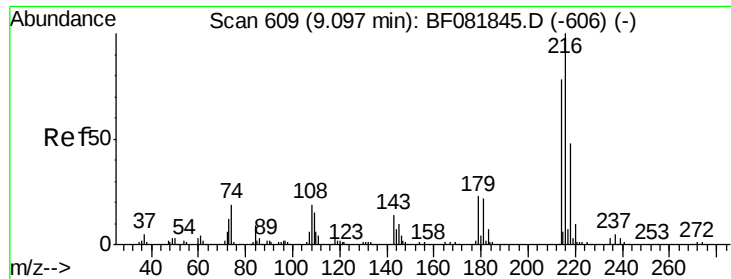
Tgt Ion:142 Resp: 563630
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.5 101.3
 115 30.6 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:164 Resp: 163345
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 45.9 31.5 47.3

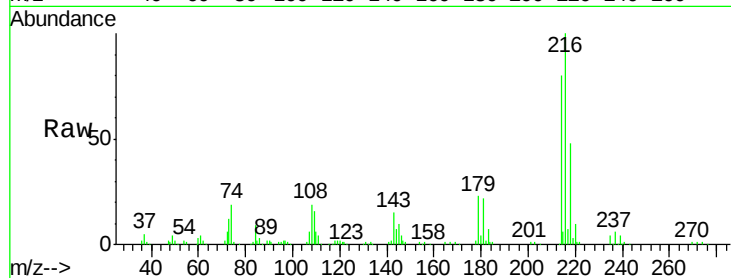




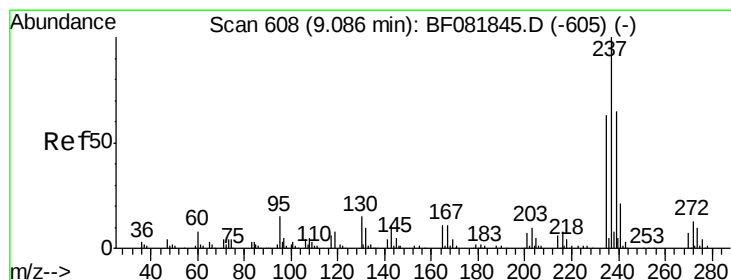
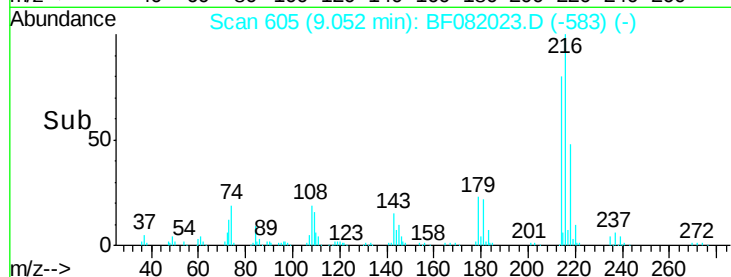
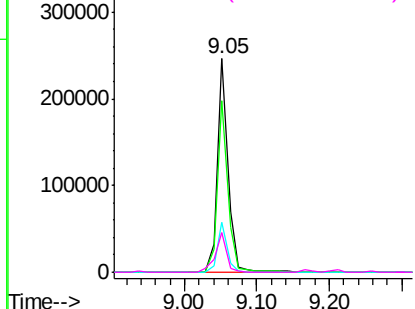
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.03 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:	216	Resp:	250913
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	21.5	16.6	24.8
108	19.7	16.3	24.5

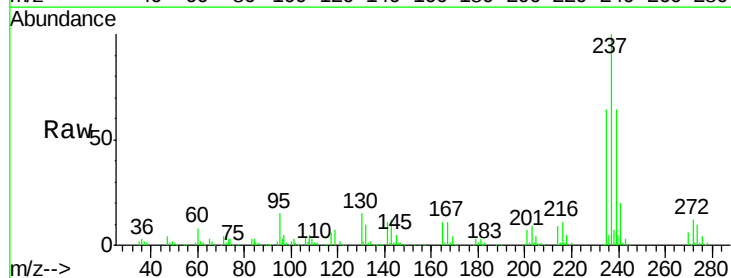


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

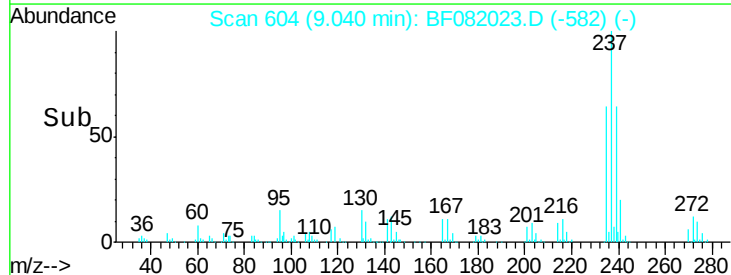
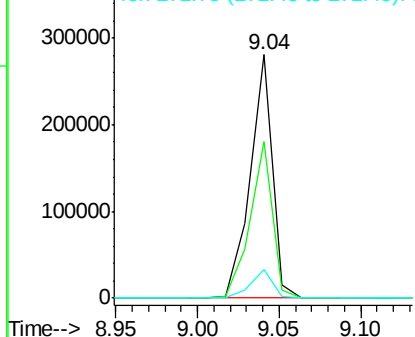


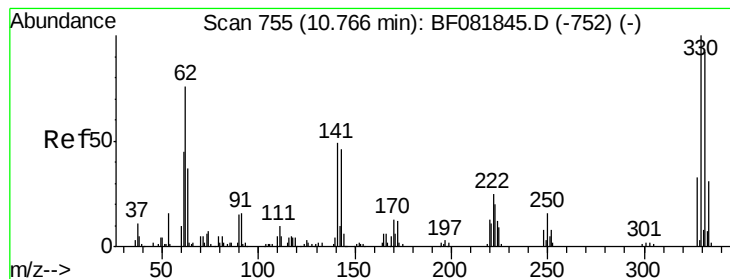
#40
 Hexachlorocyclopentadiene
 Concen: 101.99 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:	237	Resp:	263392
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.0	82.0
272	11.8	0.0	36.1



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: 153.02 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

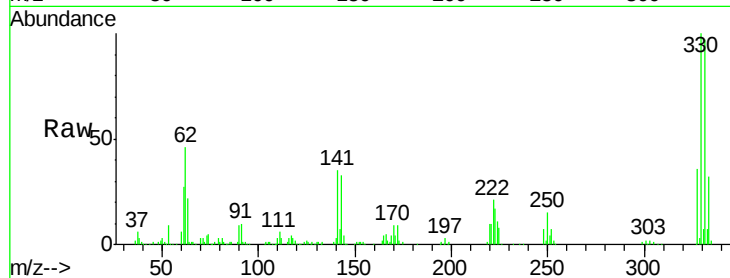
Tgt Ion:330 Resp: 253137

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

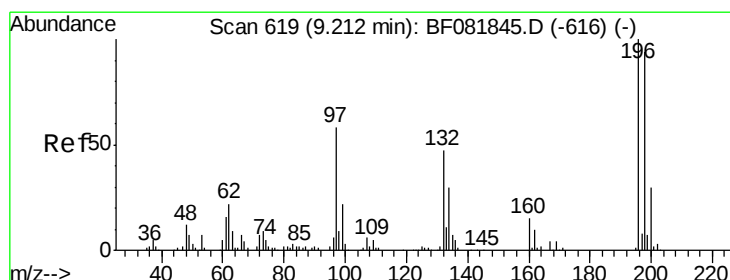
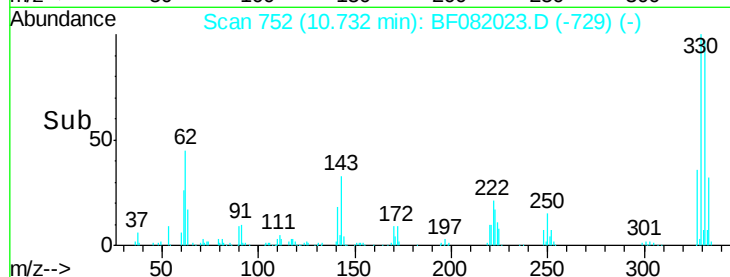
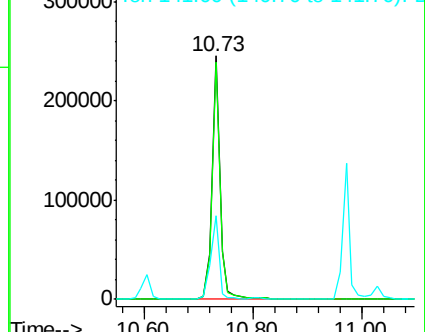
141 36.3 29.7 44.5



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: 50.70 ng

RT: 9.17 min Scan# 615

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

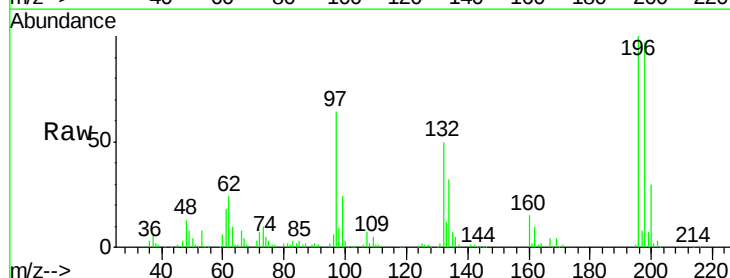
Tgt Ion:196 Resp: 174297

Ion Ratio Lower Upper

196 100

198 96.6 75.7 113.5

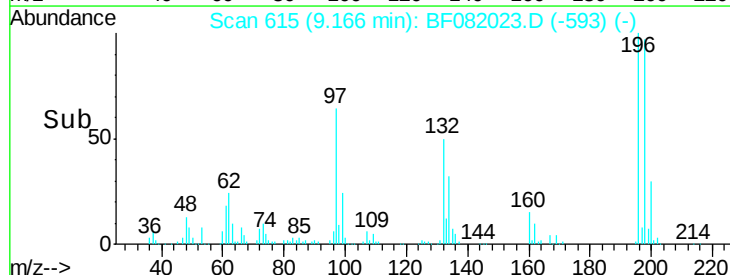
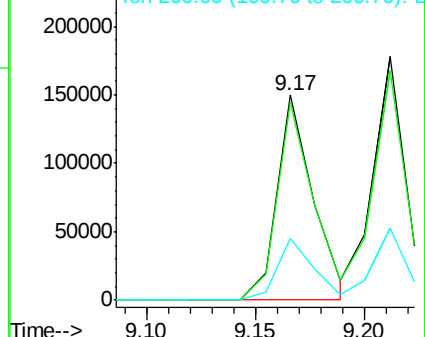
200 30.1 23.9 35.9



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

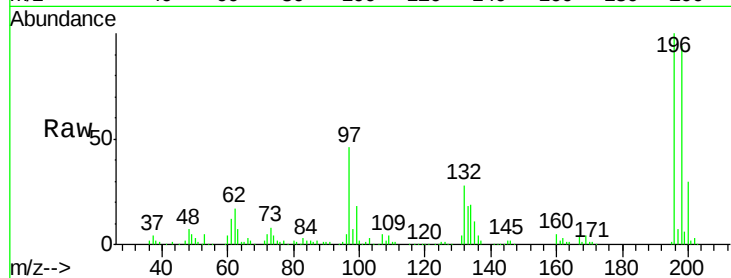




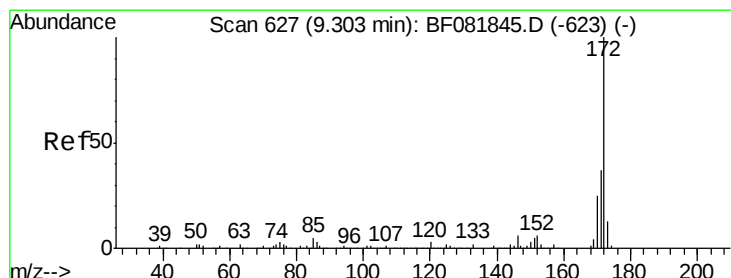
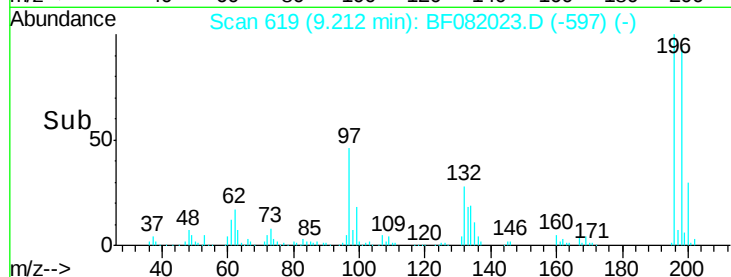
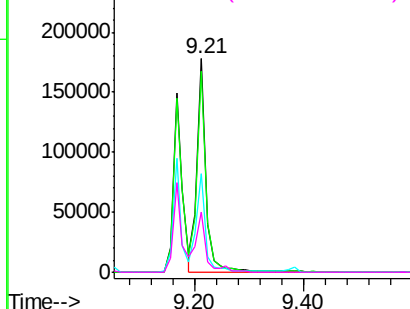
#43
 2,4,5-Trichlorophenol
 Concen: 57.86 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:196 Resp: 204548
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 97 46.3 33.3 49.9
 132 28.1 24.6 37.0

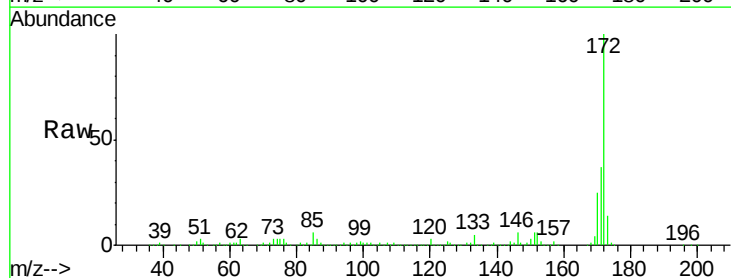


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

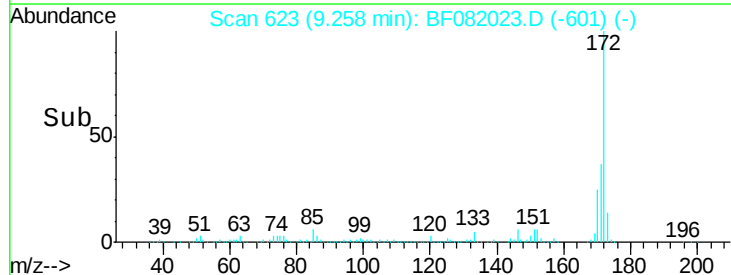
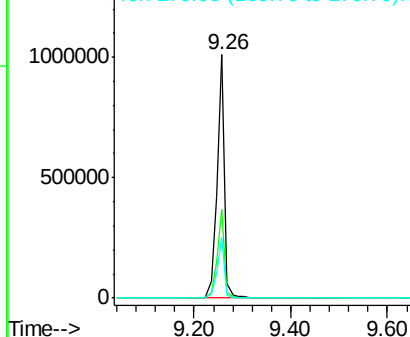


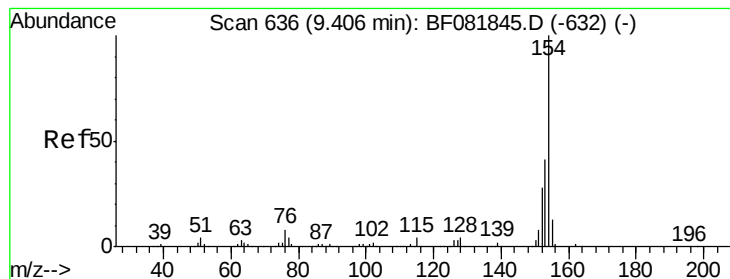
#44
 2-Fluorobiphenyl
 Concen: 123.69 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:172 Resp: 1102831
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 25.0 17.4 26.2



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: 55.49 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

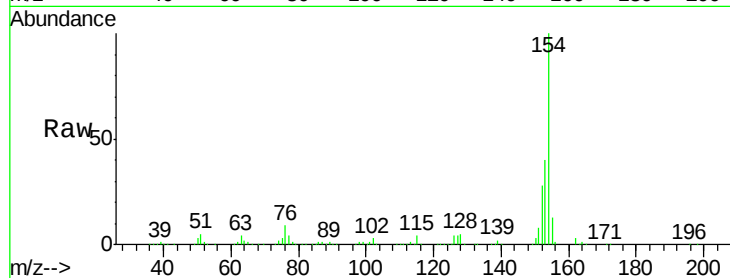
Tgt Ion:154 Resp: 699252

Ion Ratio Lower Upper

154 100

153 40.2 17.1 57.1

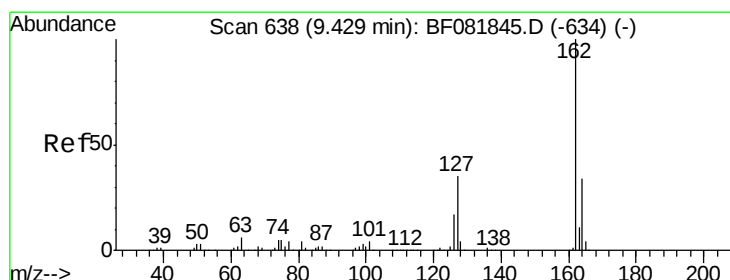
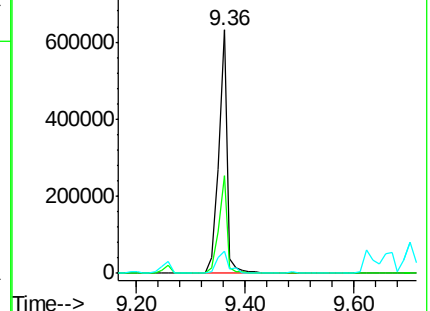
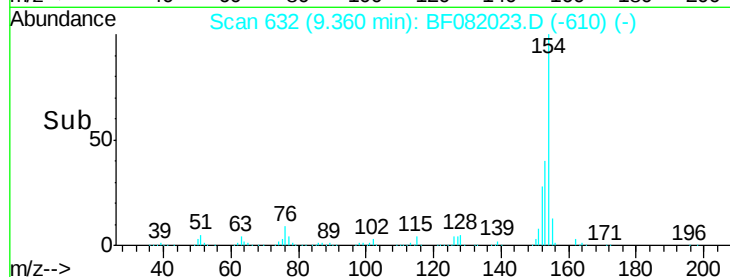
76 8.9 0.0 31.6



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): E



#46

2-Chloronaphthalene

Concen: 56.74 ng

RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

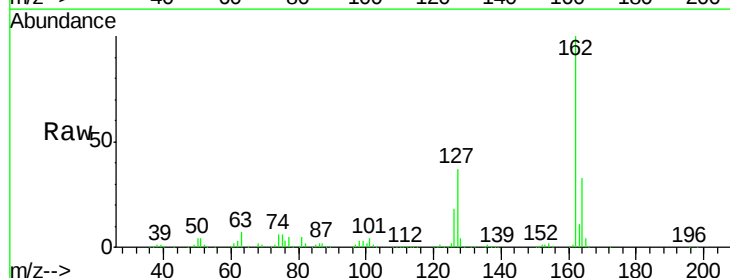
Tgt Ion:162 Resp: 561471

Ion Ratio Lower Upper

162 100

127 37.5 27.6 41.4

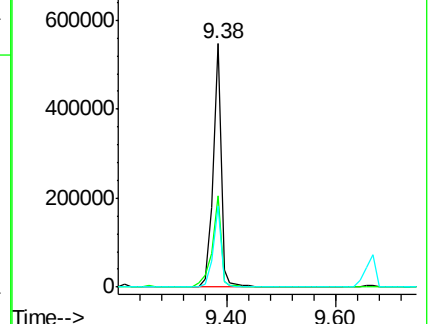
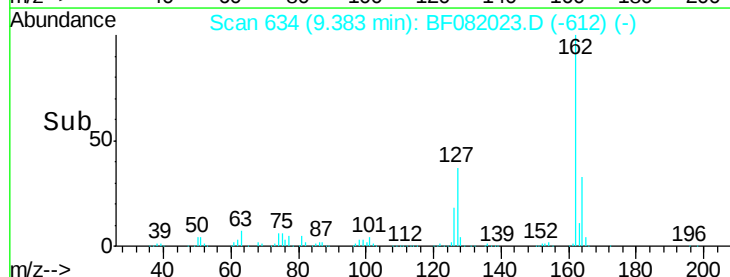
164 33.1 25.4 38.2

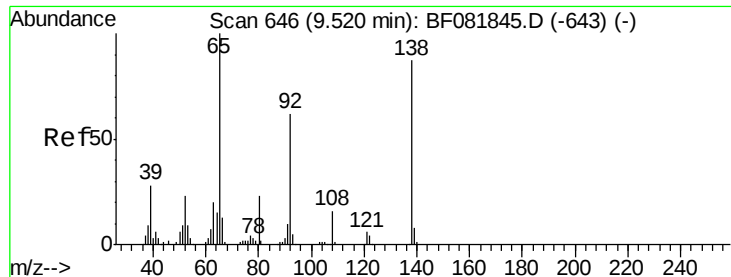


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

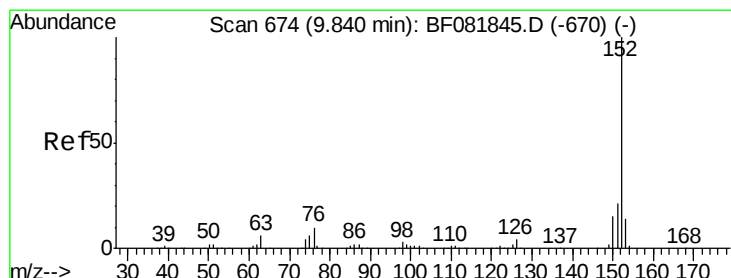
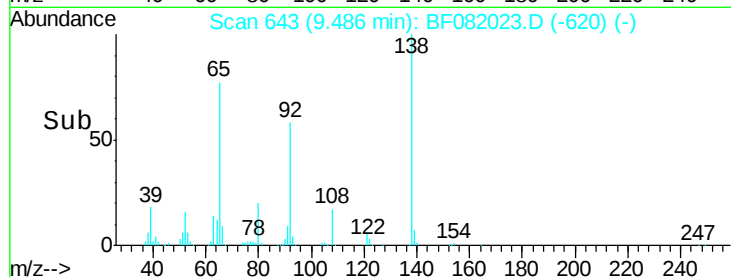
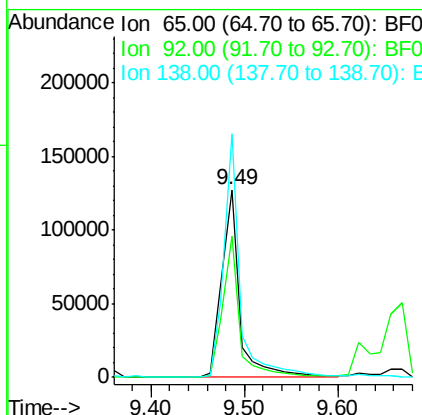
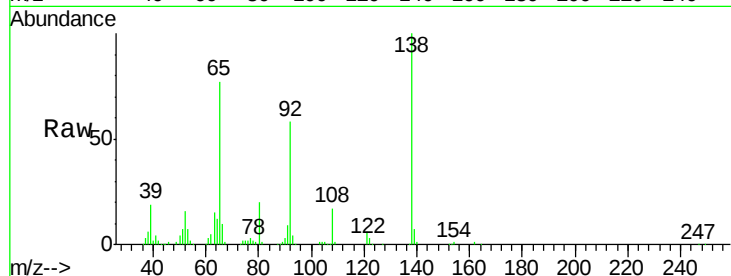




#47
2-Nitroaniline
Concen: 58.57 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

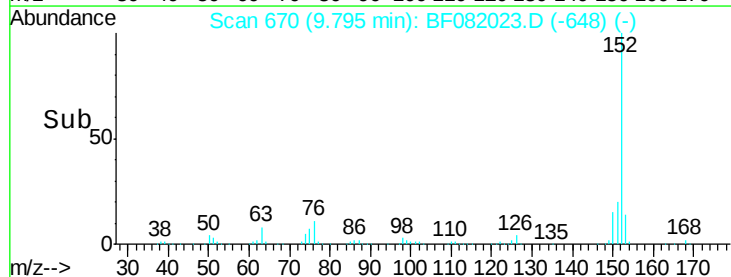
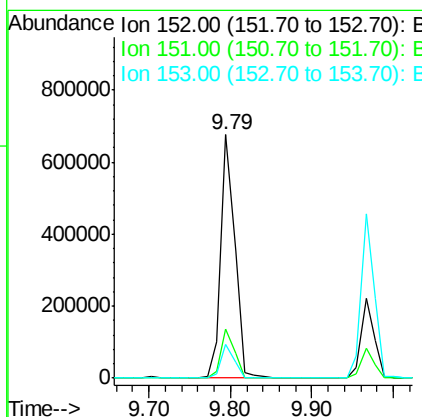
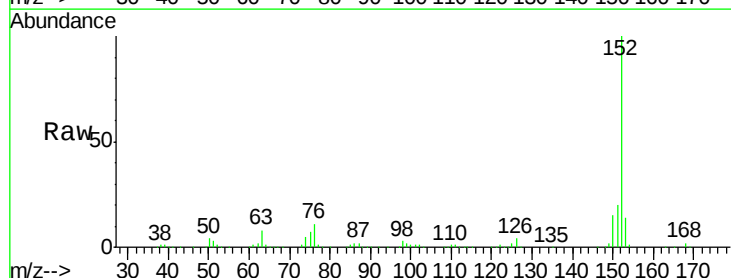
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

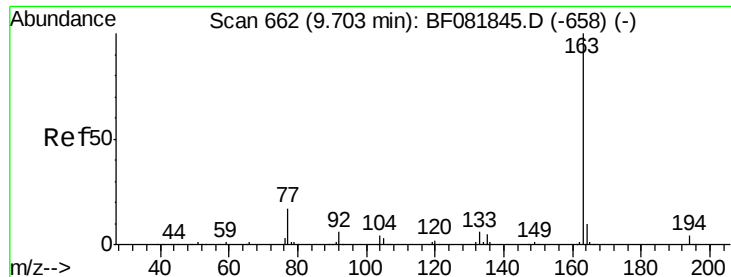
Tgt Ion: 65 Resp: 170121
Ion Ratio Lower Upper
65 100
92 75.0 55.4 83.0
138 129.6 115.5 173.3



#48
Acenaphthylene
Concen: 50.89 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion: 152 Resp: 805945
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.8 10.3 15.5





#49

Dimethylphthalate

Concen: 81.22 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

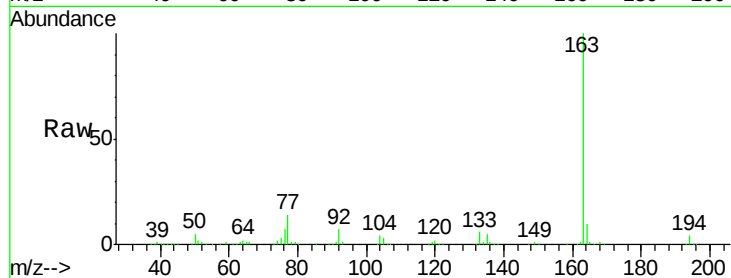
Tgt Ion:163 Resp: 915733

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

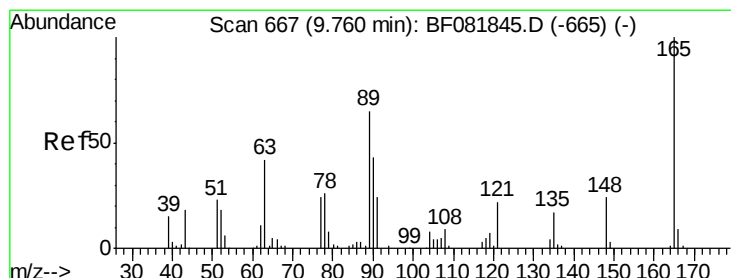
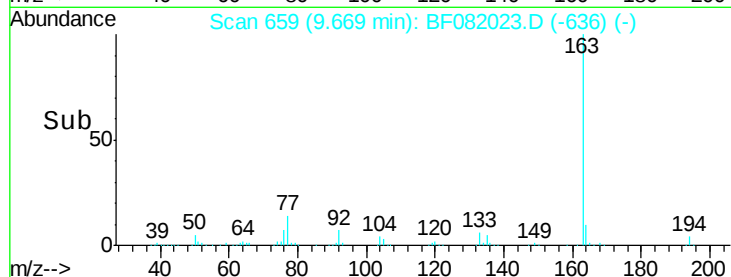
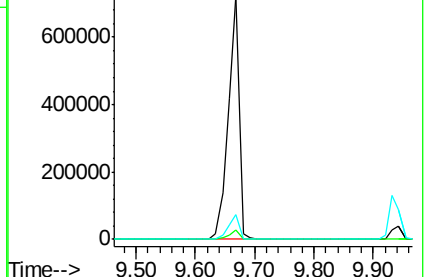
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.30 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

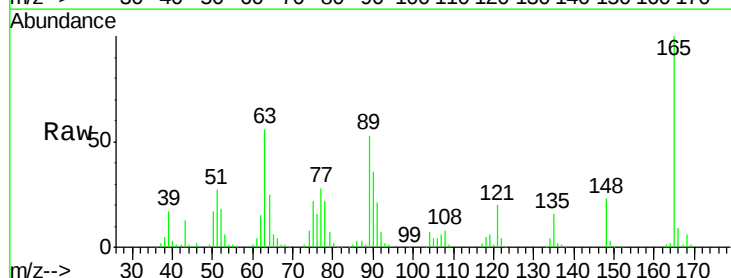
Tgt Ion:165 Resp: 142711

Ion Ratio Lower Upper

165 100

63 55.6 32.3 48.5#

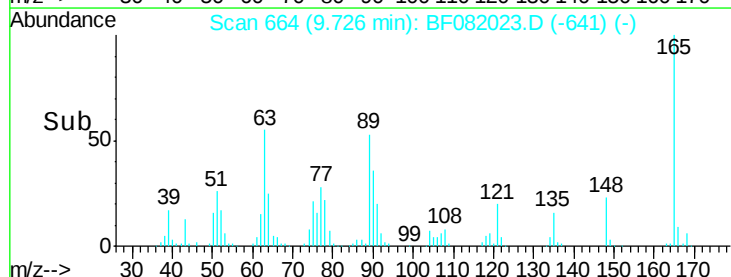
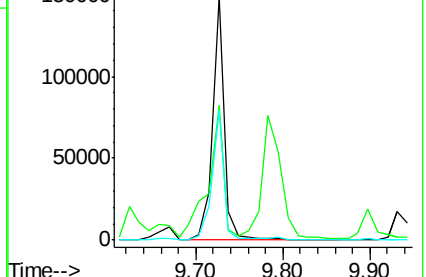
89 53.2 28.6 43.0#

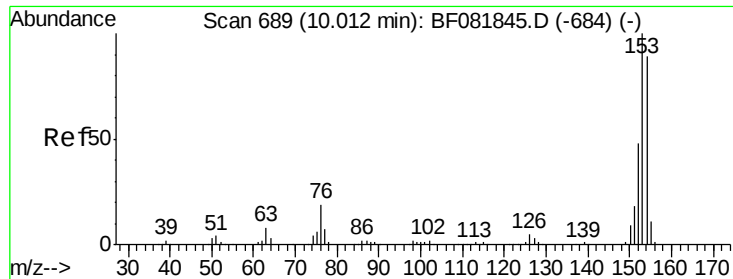


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.98 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

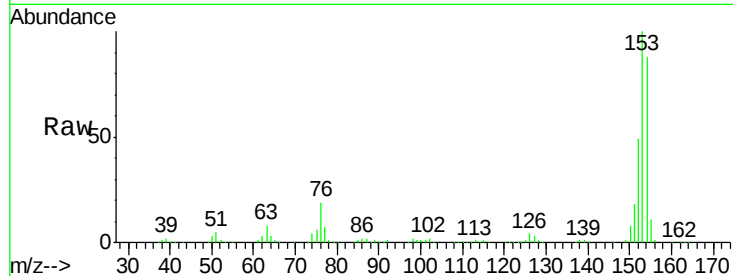
Tgt Ion:154 Resp: 526498

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

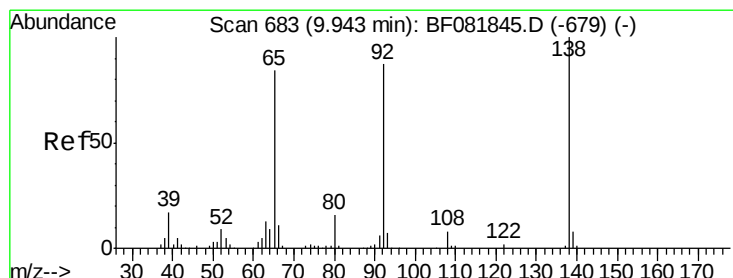
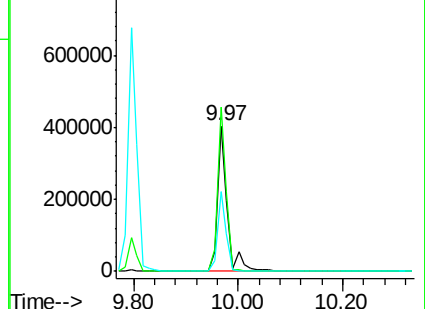
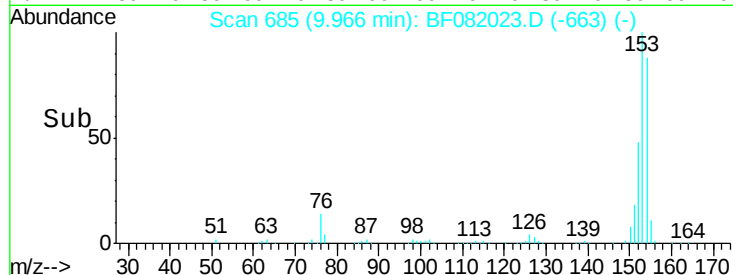
152 55.1 37.9 56.9



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: 44.87 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

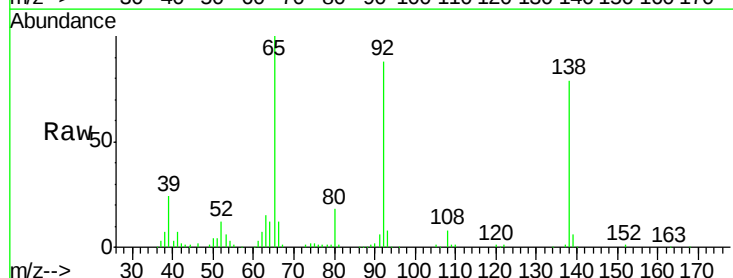
Tgt Ion:138 Resp: 127076

Ion Ratio Lower Upper

138 100

108 10.0 5.7 8.5#

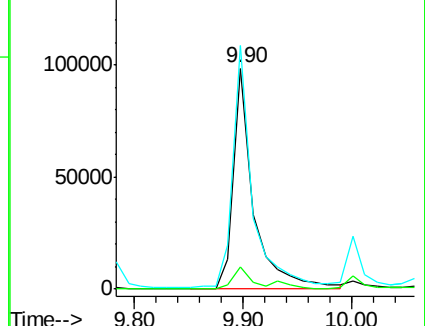
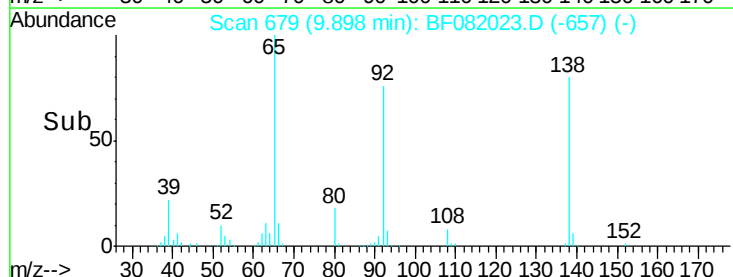
92 110.4 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

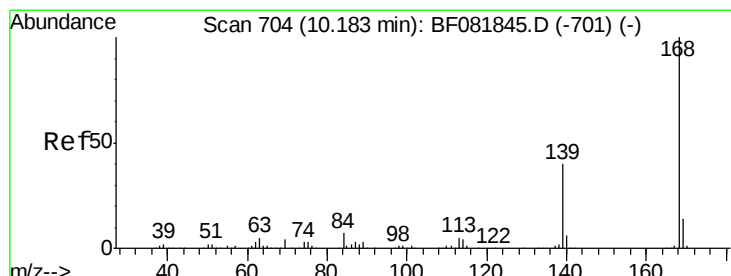
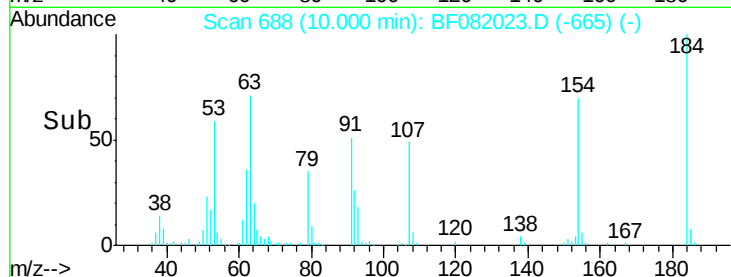
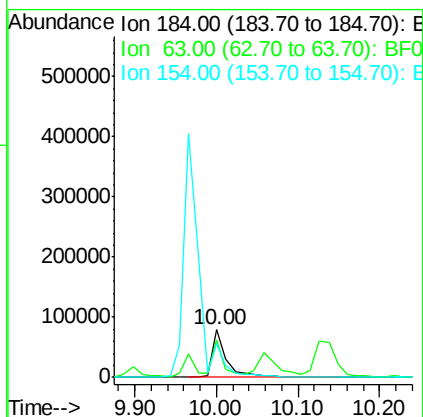
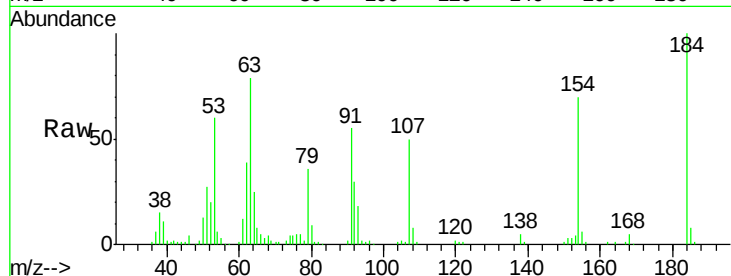




#53
2,4-Dinitrophenol
Concen: 81.08 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

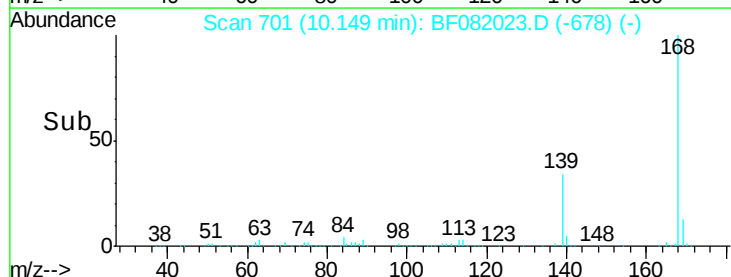
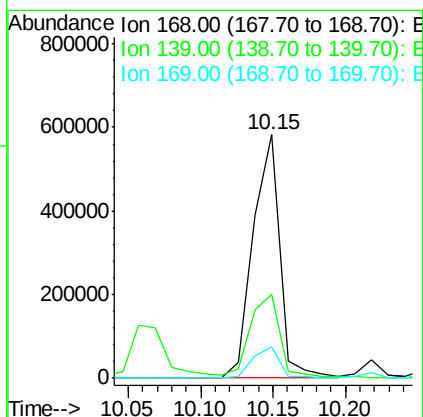
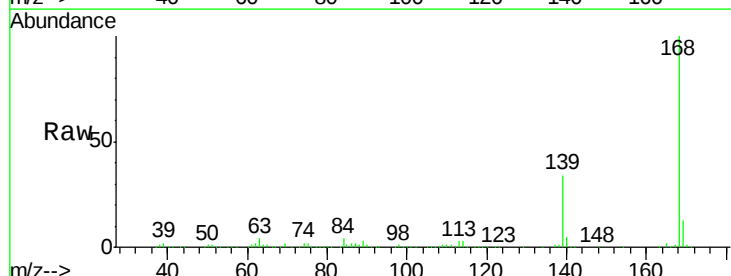
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

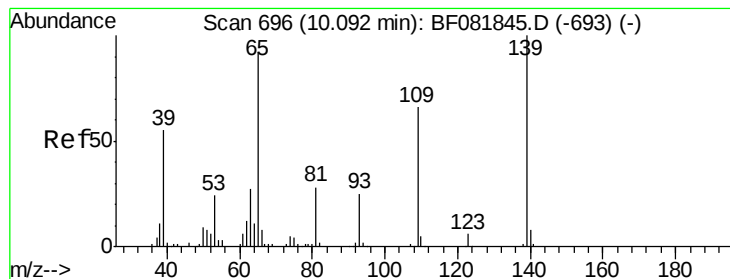
Tgt Ion:184 Resp: 97622
Ion Ratio Lower Upper
184 100
63 79.2 35.4 53.2#
154 70.3 32.2 48.4#



#54
Dibenzofuran
Concen: 55.99 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion:168 Resp: 744170
Ion Ratio Lower Upper
168 100
139 34.3 24.2 36.2
169 13.0 10.6 15.8





#55

4-Nitrophenol

Concen: 109.48 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

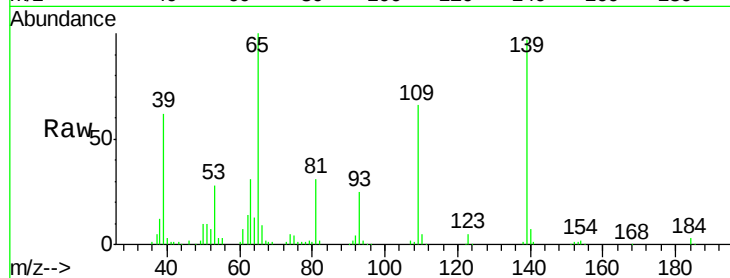
Tgt Ion:139 Resp: 224034

Ion Ratio Lower Upper

139 100

109 68.2 12.7 52.7#

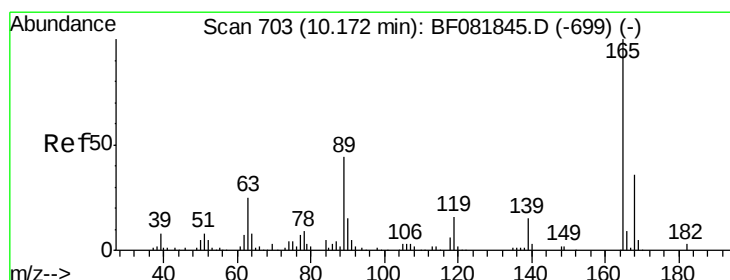
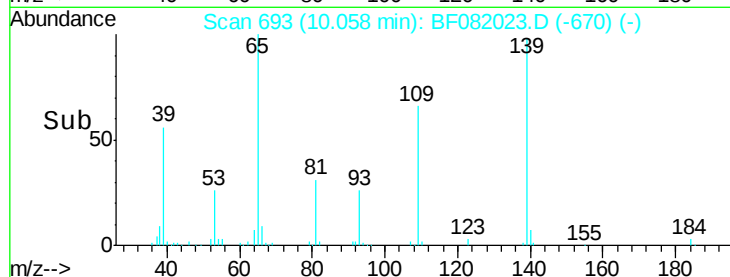
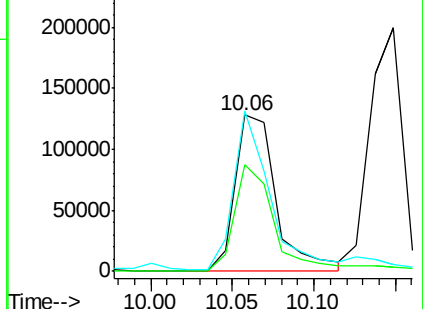
65 103.0 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 61.32 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:165 Resp: 191348

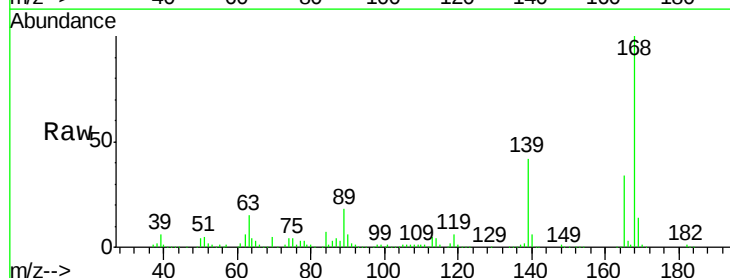
Ion Ratio Lower Upper

165 100

63 43.9 29.8 44.6

89 54.2 44.5 66.7

182 2.4 3.0 4.4#

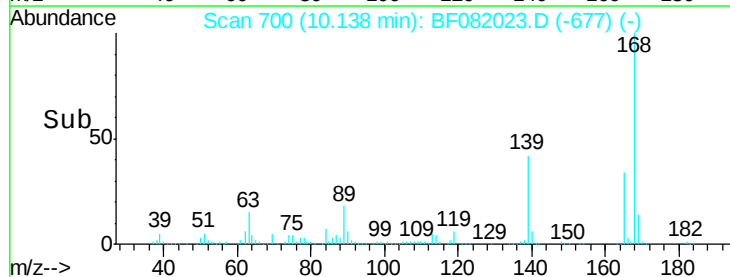
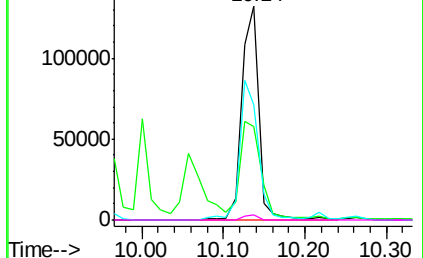


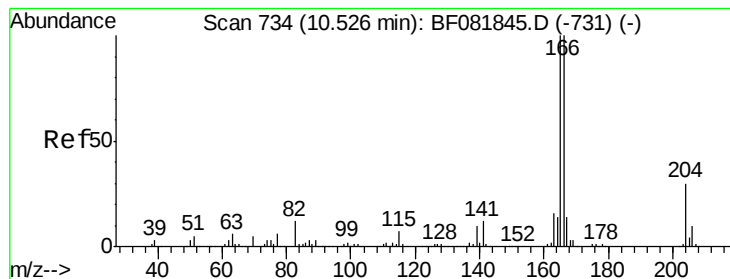
Abundance Ion 165.00 (164.70 to 165.70): E

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: 65.28 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

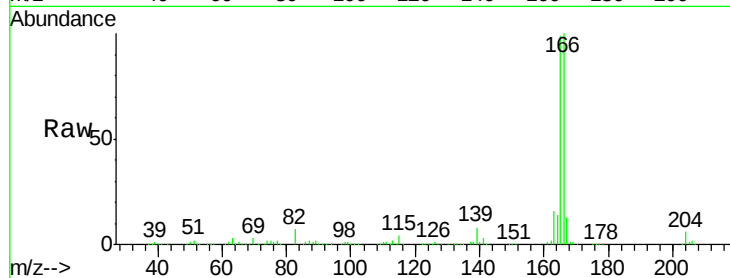
Tgt Ion:166 Resp: 611332

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

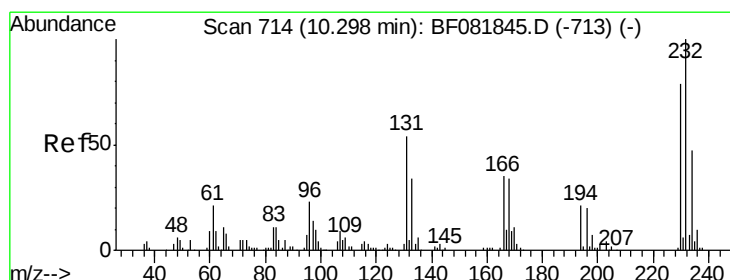
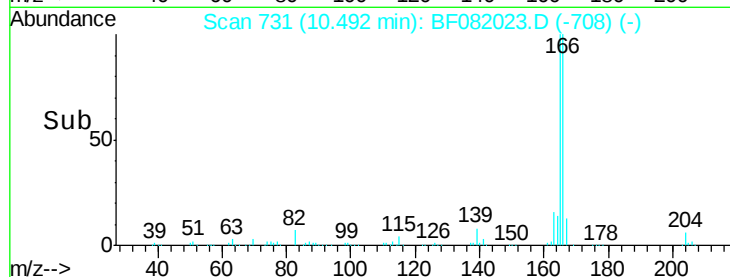
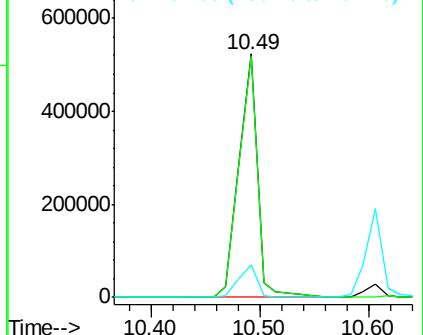
167 13.1 10.6 16.0



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: 64.13 ng

RT: 10.26 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion:232 Resp: 179842

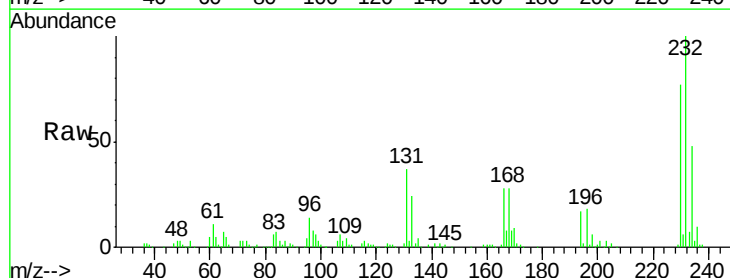
Ion Ratio Lower Upper

232 100

131 41.1 38.5 57.7

130 1.8 1.8 2.6

166 27.7 25.0 37.6

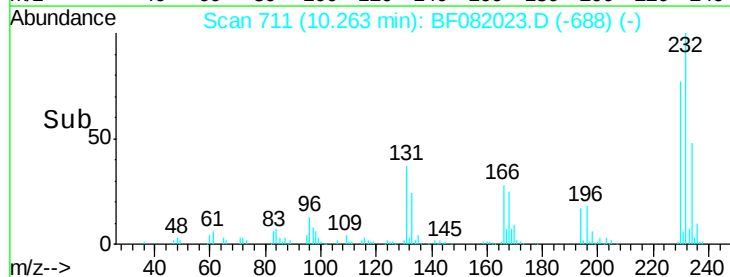
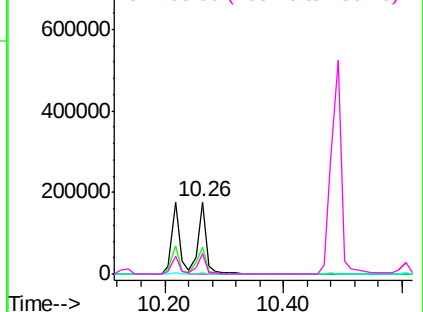


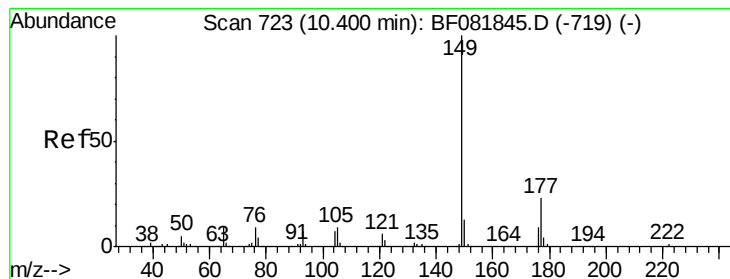
Abundance Ion 232.00 (231.70 to 232.70): E

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: 56.26 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

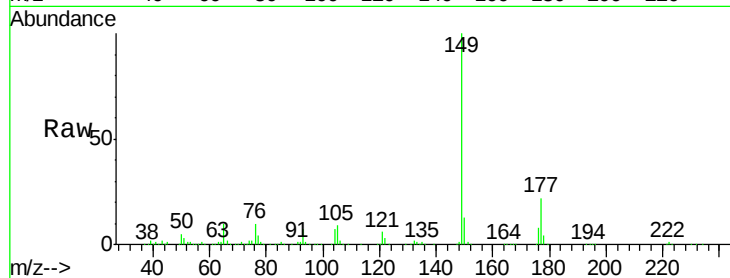
Tgt Ion:149 Resp: 592513

Ion Ratio Lower Upper

149 100

177 21.6 17.5 26.3

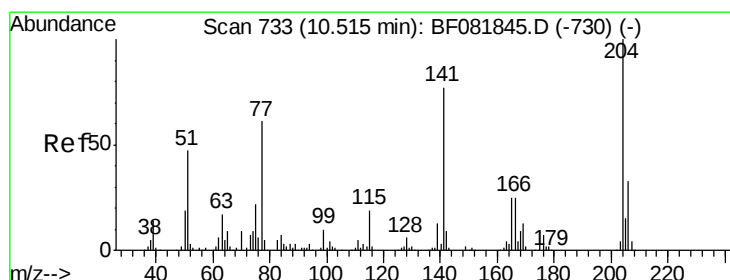
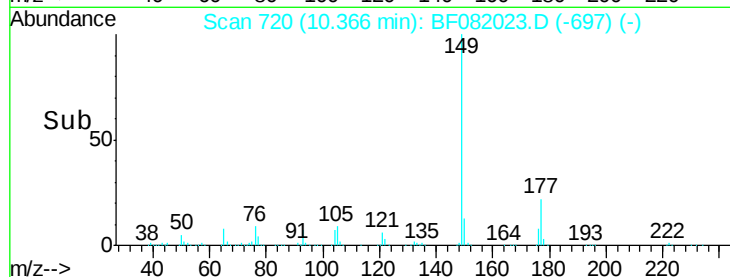
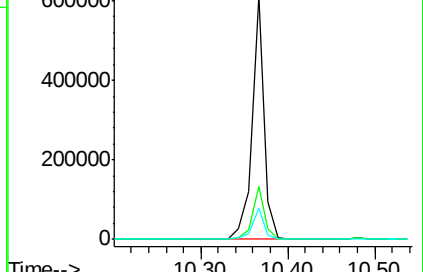
150 12.8 9.4 14.2



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: 57.28 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

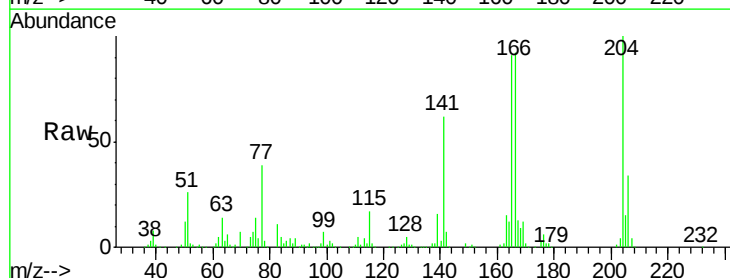
Tgt Ion:204 Resp: 278715

Ion Ratio Lower Upper

204 100

206 34.2 24.8 37.2

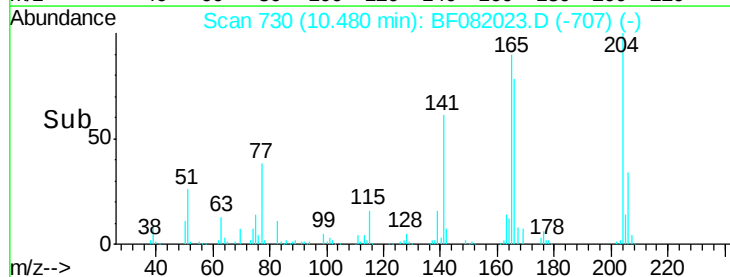
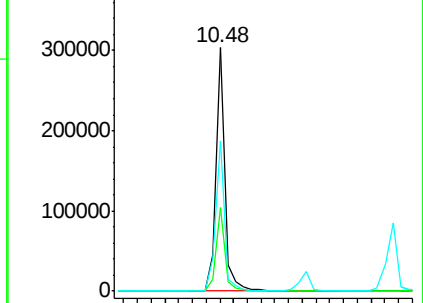
141 61.6 42.2 63.4

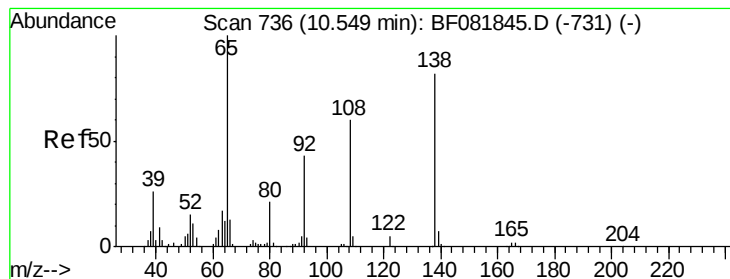


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 56.92 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

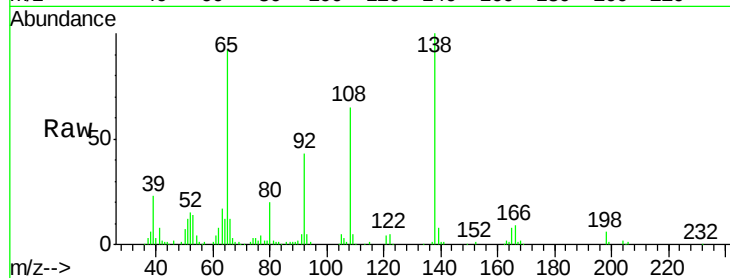
Tgt Ion:138 Resp: 161619

Ion Ratio Lower Upper

138 100

92 42.7 12.6 52.6

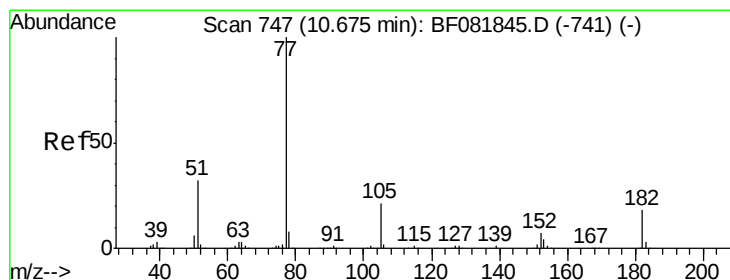
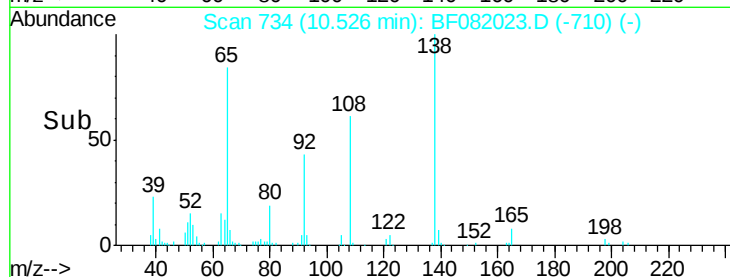
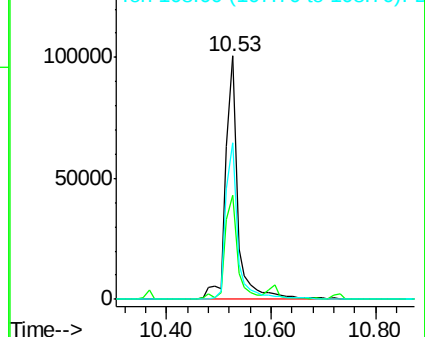
108 64.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 58.21 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Tgt Ion: 77 Resp: 598279

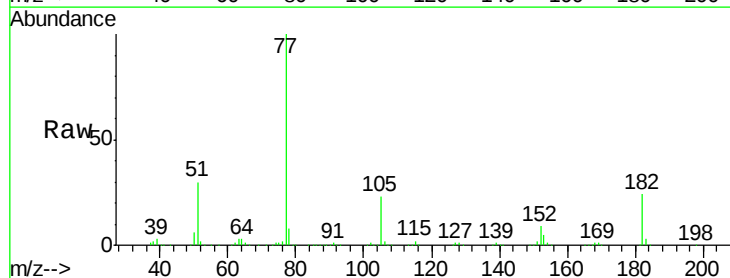
Ion Ratio Lower Upper

77 100

182 24.4 15.1 55.1

105 22.8 3.4 43.4

51 30.3 12.0 52.0

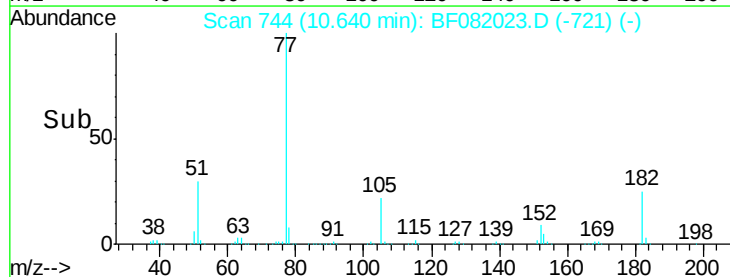
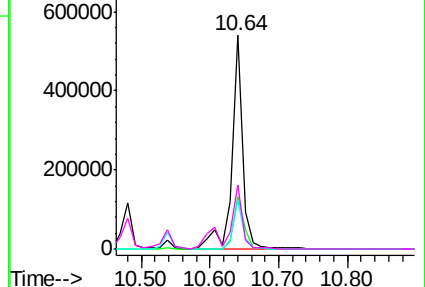


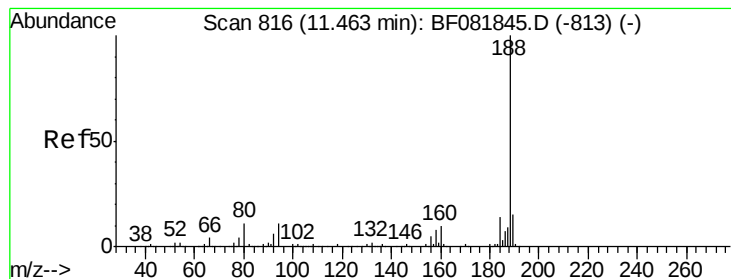
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

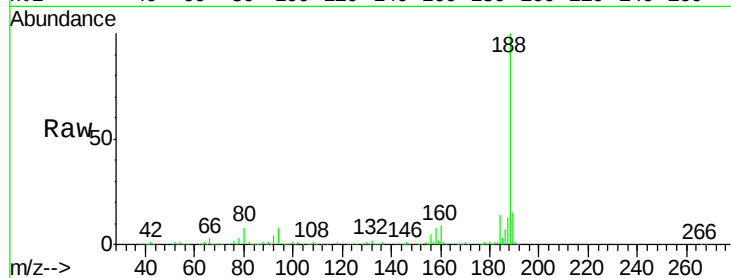
Tgt Ion:188 Resp: 339063

Ion Ratio Lower Upper

188 100

94 7.9 11.1 16.7#

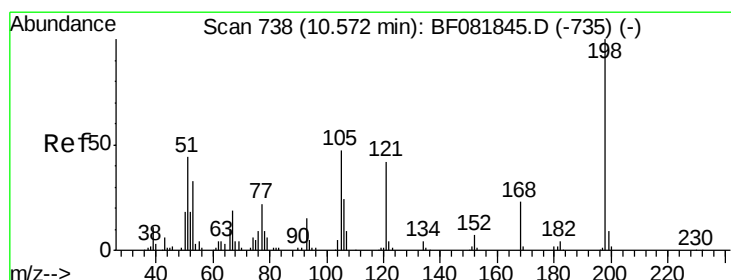
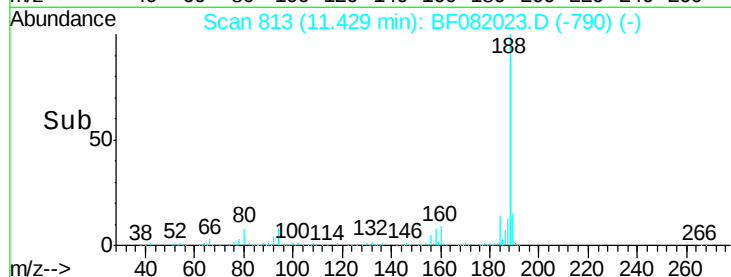
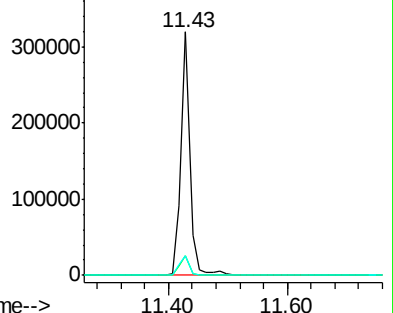
80 8.2 11.0 16.4#



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: 55.95 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

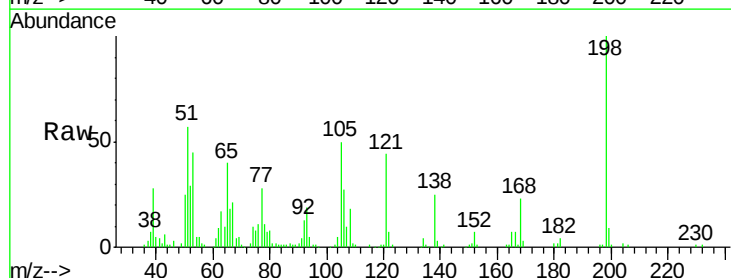
Tgt Ion:198 Resp: 89429

Ion Ratio Lower Upper

198 100

51 57.5 39.6 79.6

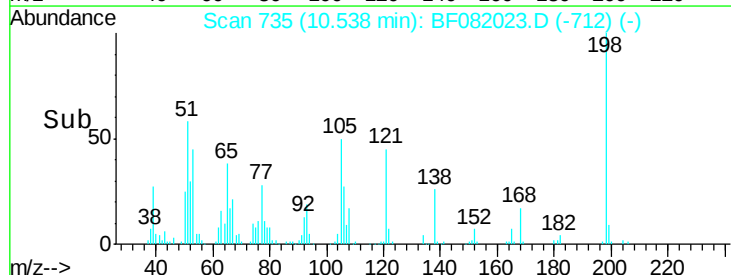
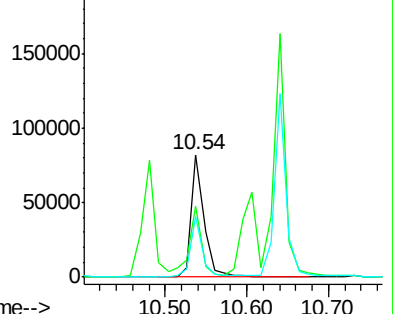
105 49.8 28.5 68.5

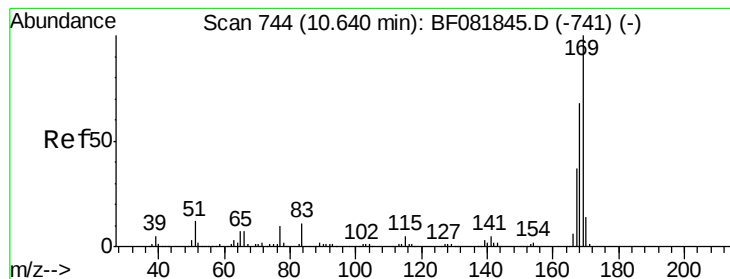


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.62 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

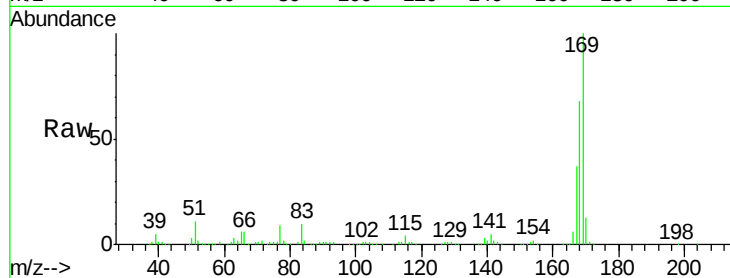
Tgt Ion:169 Resp: 539815

Ion Ratio Lower Upper

169 100

168 67.8 48.9 73.3

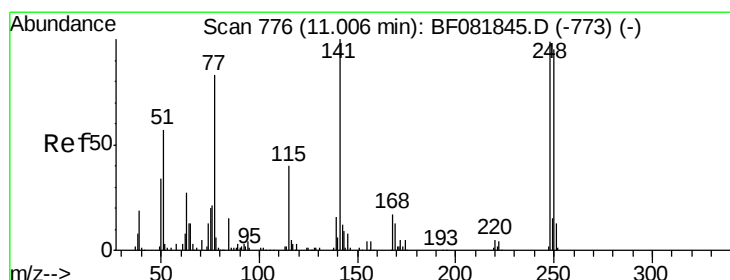
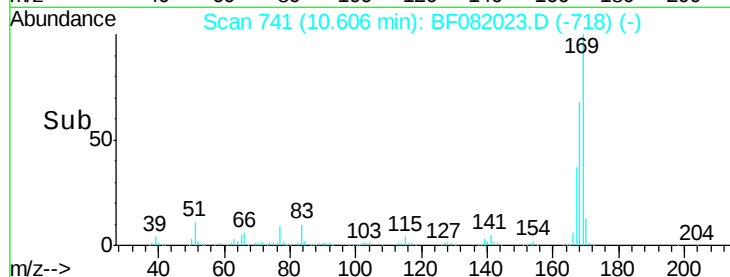
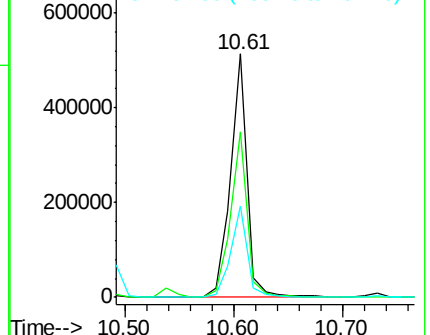
167 37.4 26.2 39.4



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: 54.30 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

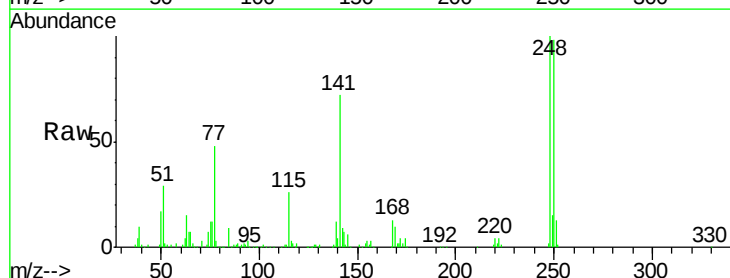
Tgt Ion:248 Resp: 185640

Ion Ratio Lower Upper

248 100

250 97.6 78.5 117.7

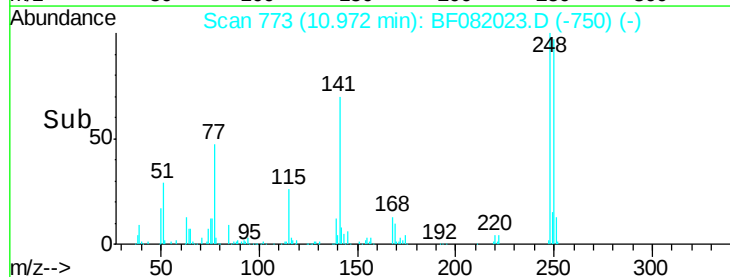
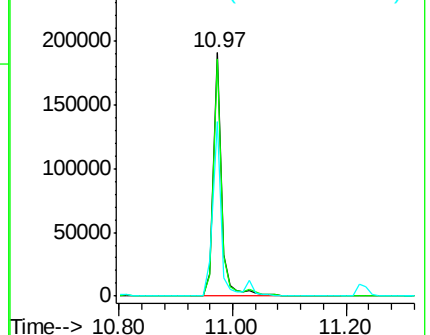
141 71.7 59.0 88.6

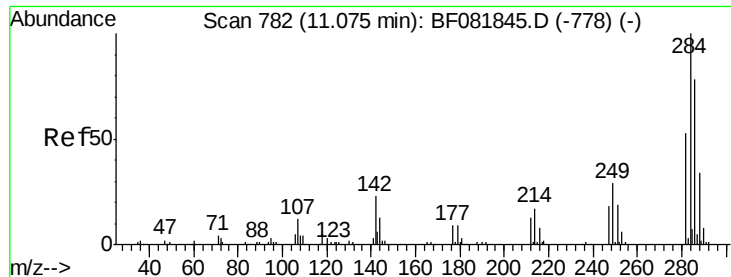


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

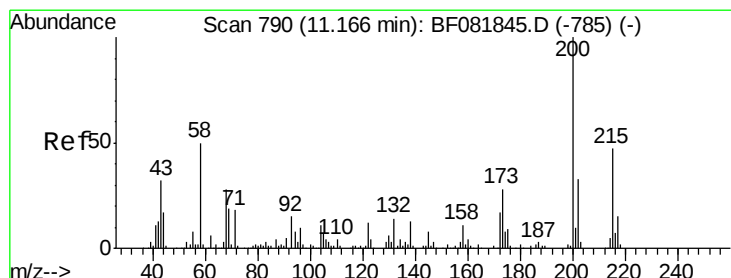
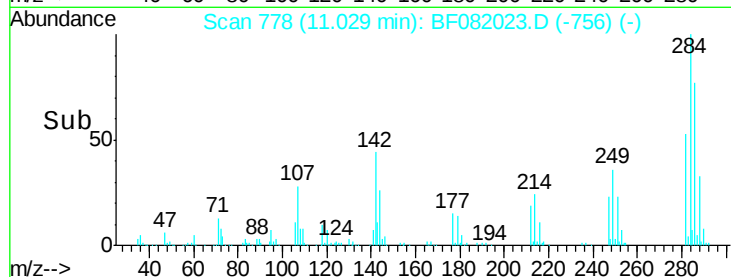
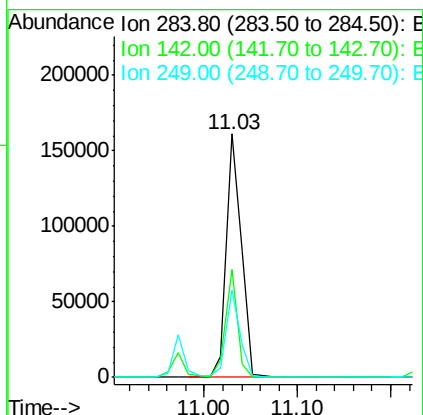
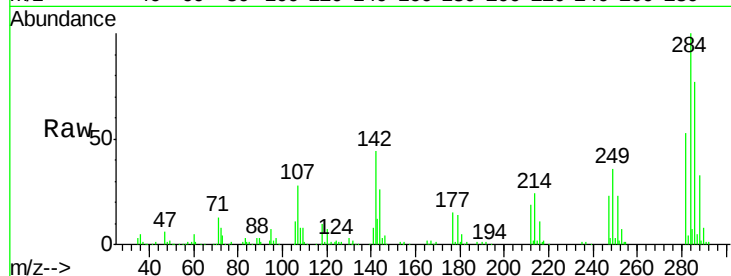




#67
Hexachlorobenzene
Concen: 46.93 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

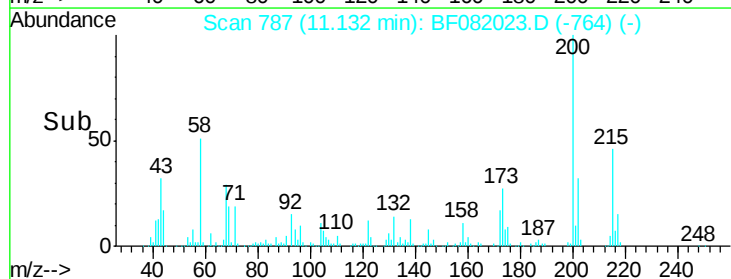
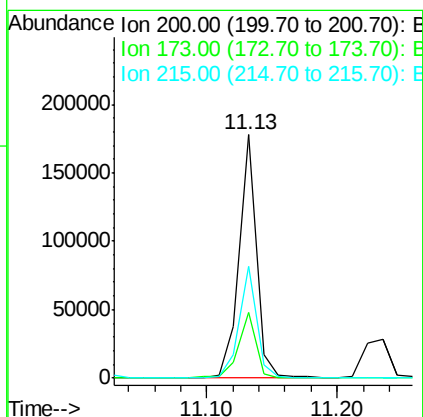
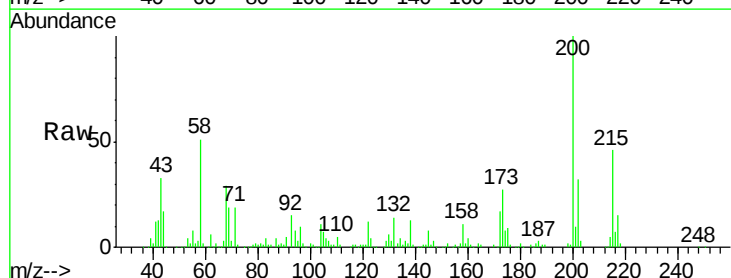
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

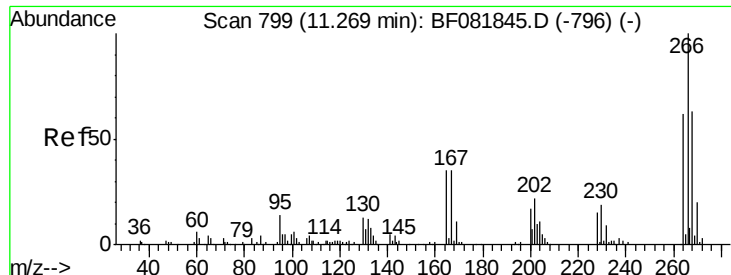
Tgt Ion: 284 Resp: 181075
Ion Ratio Lower Upper
284 100
142 44.2 29.5 44.3
249 36.0 19.5 29.3#



#68
Atrazine
Concen: 51.82 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion: 200 Resp: 164954
Ion Ratio Lower Upper
200 100
173 27.2 13.2 53.2
215 45.9 41.8 81.8

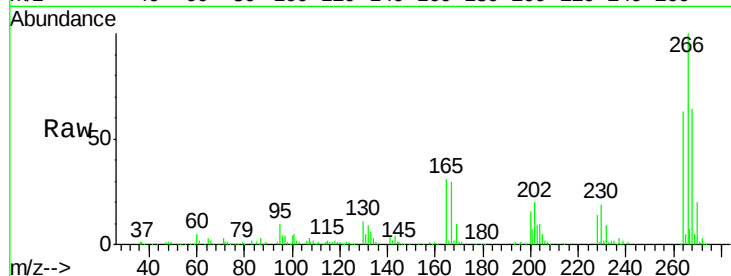




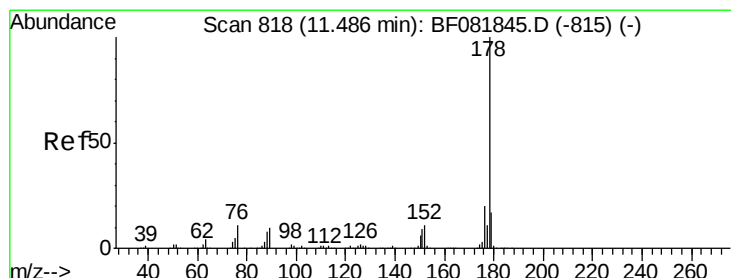
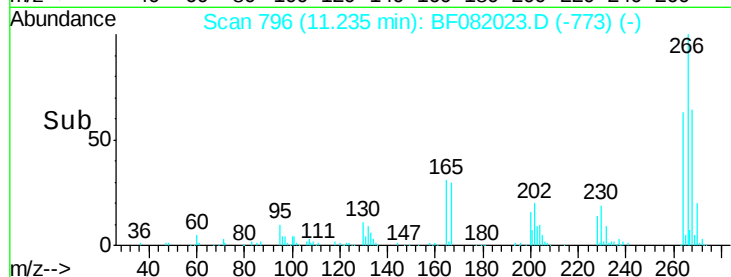
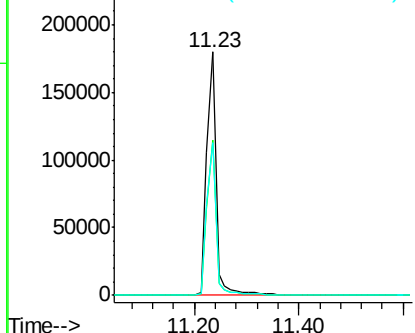
#69
 Pentachlorophenol
 Concen: 103.29 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion: 266 Resp: 227075
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 62.6 50.2 75.2

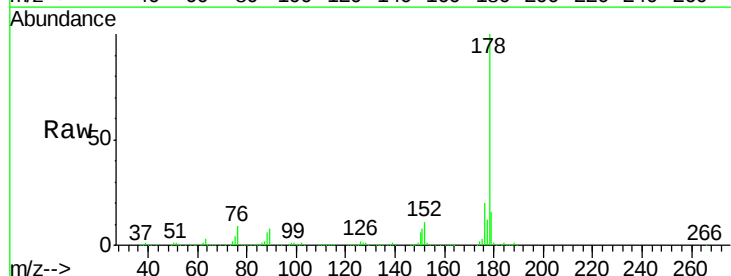


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

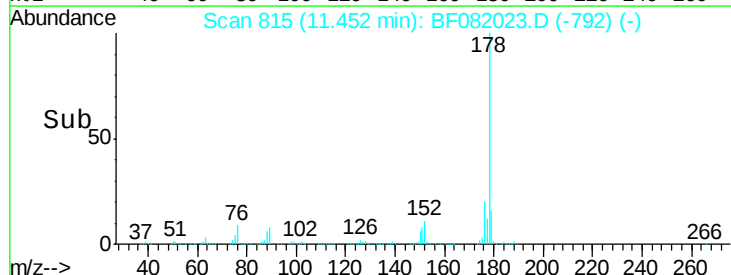
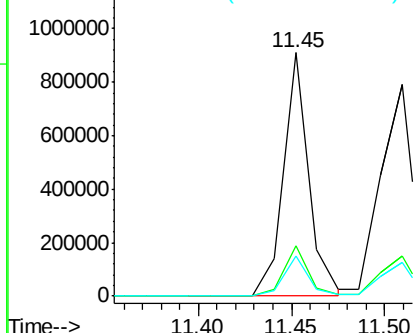


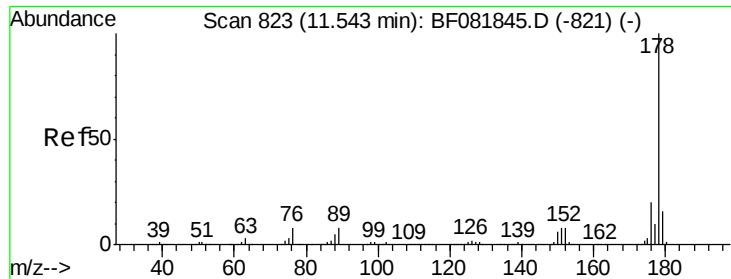
#70
 Phenanthrene
 Concen: 52.99 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion: 178 Resp: 859860
 Ion Ratio Lower Upper
 178 100
 176 20.5 13.8 20.8
 179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

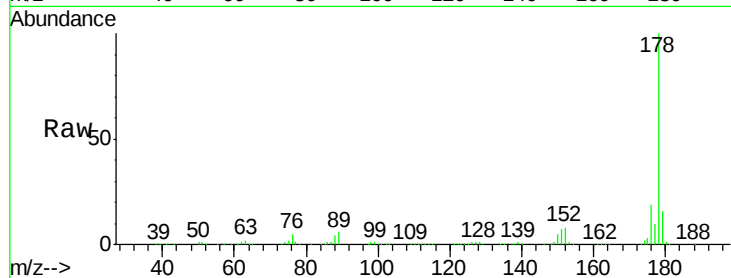




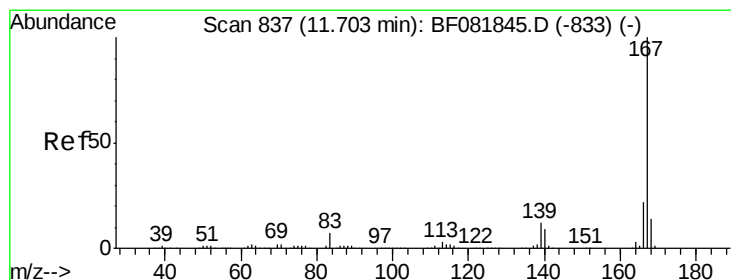
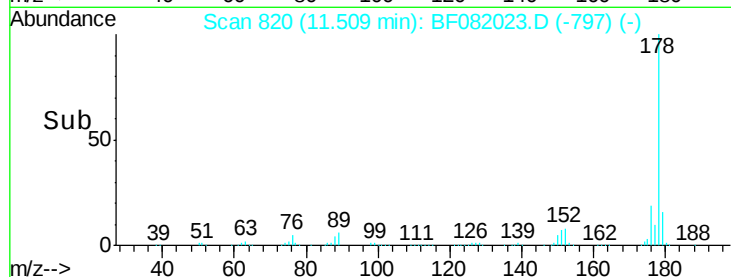
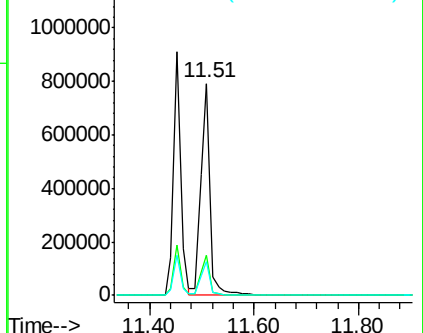
#71
 Anthracene
 Concen: 57.37 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:178 Resp: 988699
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.7 12.2 18.2

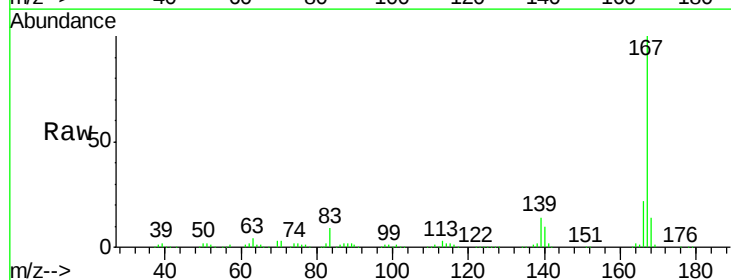


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

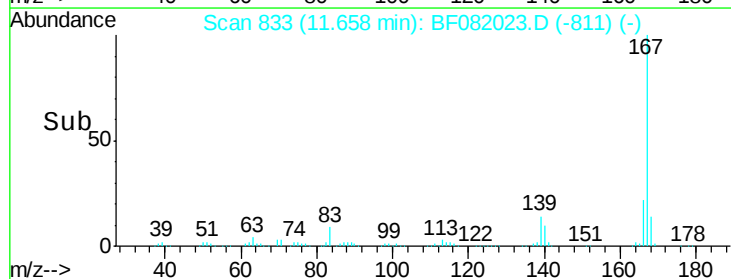
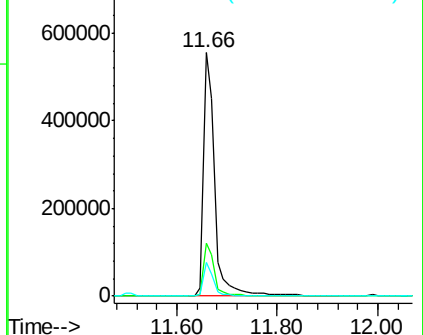


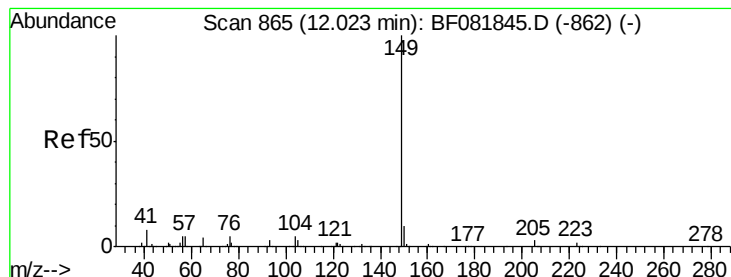
#72
 Carbazole
 Concen: 55.32 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:167 Resp: 862825
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 13.6 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.16 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

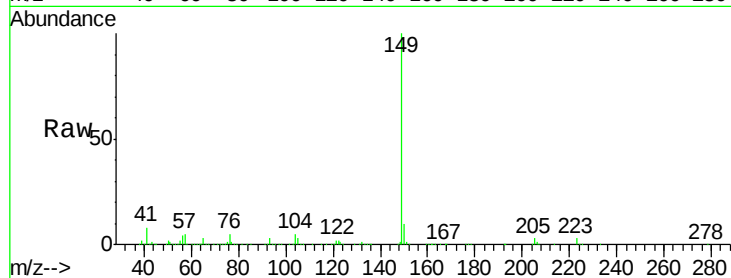
Tgt Ion:149 Resp: 917729

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

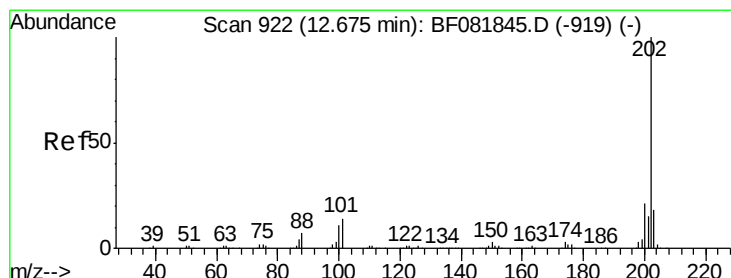
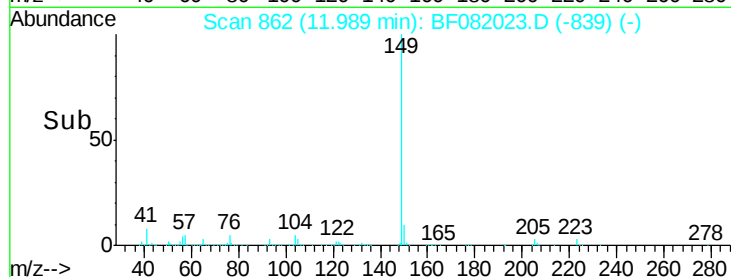
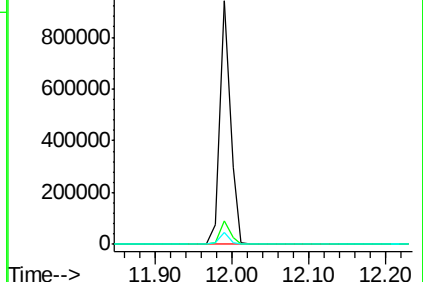
104 5.0 2.4 3.6#



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: 54.66 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

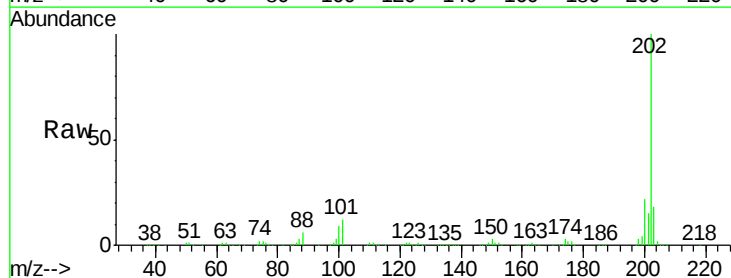
Tgt Ion:202 Resp: 992770

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

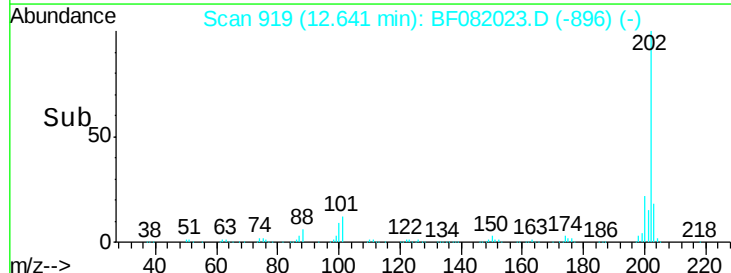
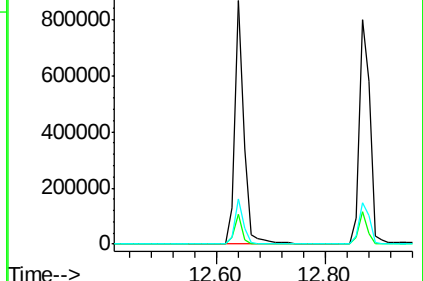
203 18.3 0.0 37.3

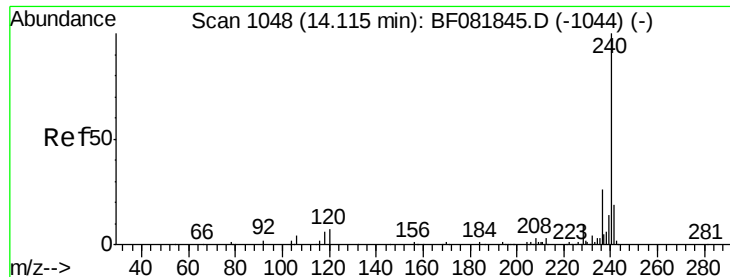


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

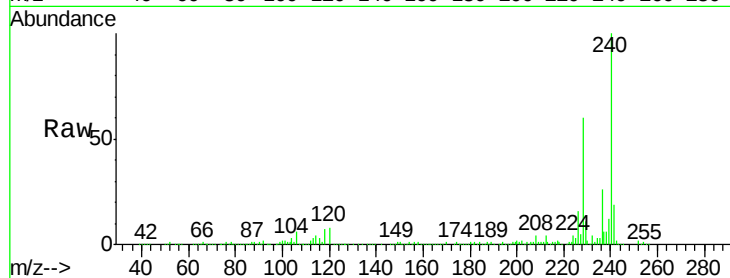
Tgt Ion:240 Resp: 302732

Ion Ratio Lower Upper

240 100

120 8.3 16.2 24.2#

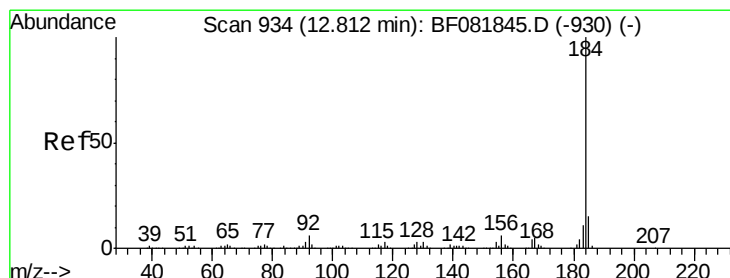
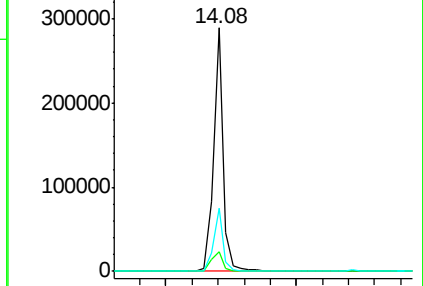
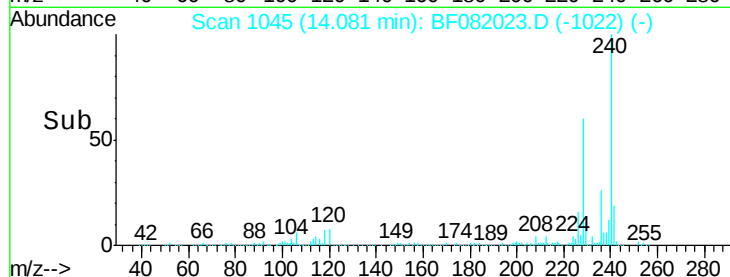
236 26.1 18.4 27.6



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: 37.72 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

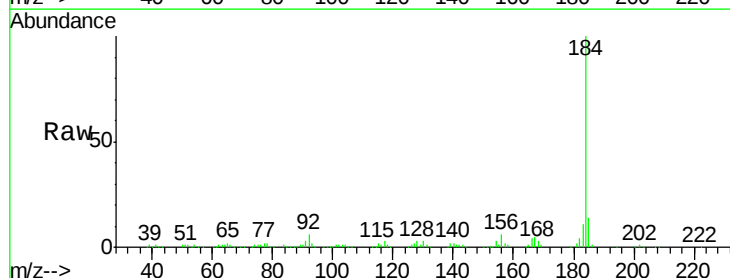
Tgt Ion:184 Resp: 344079

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

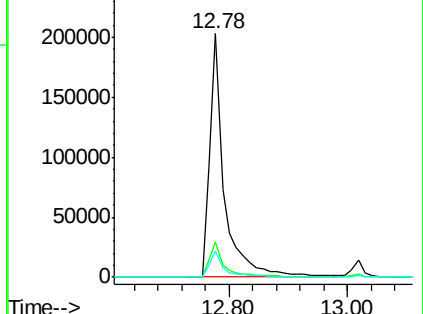
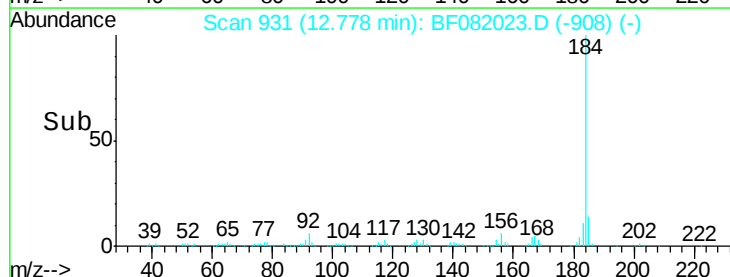
183 10.9 7.6 11.4

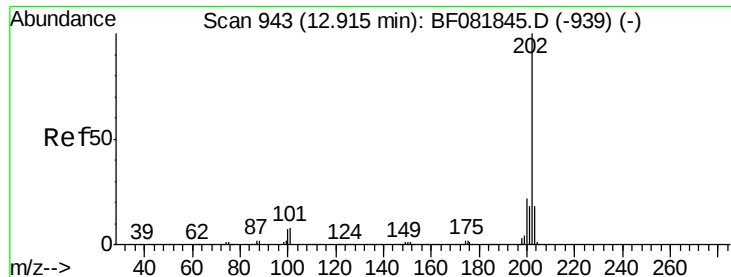


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

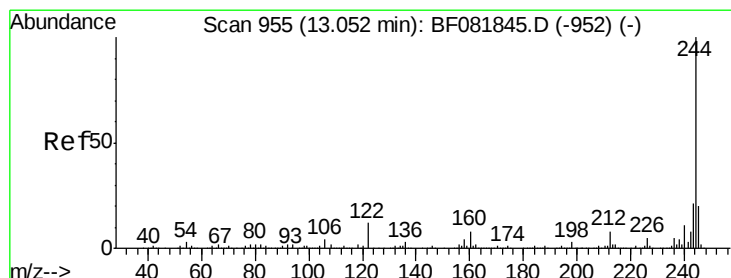
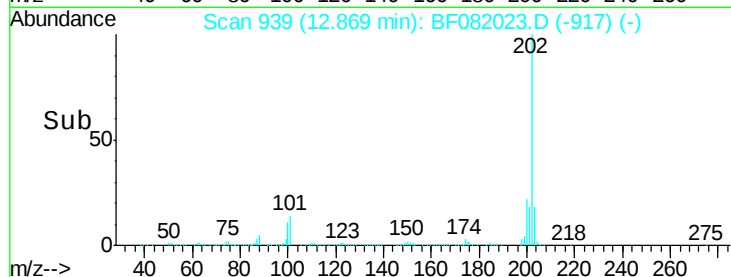
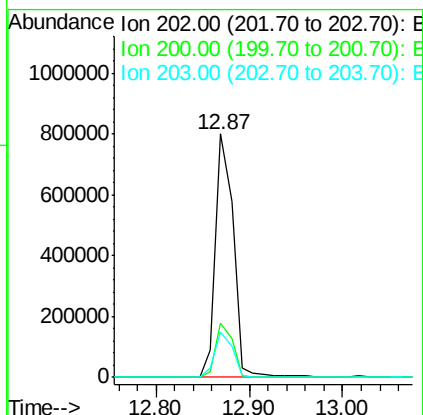
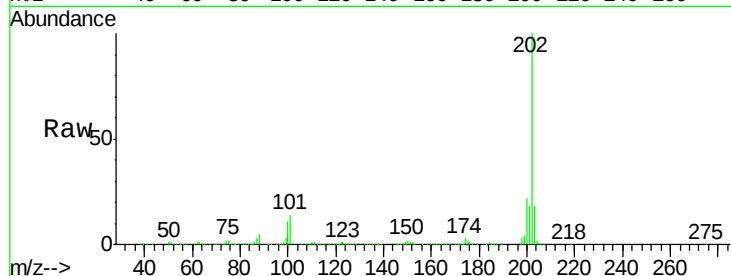




#77
 Pyrene
 Concen: 58.38 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

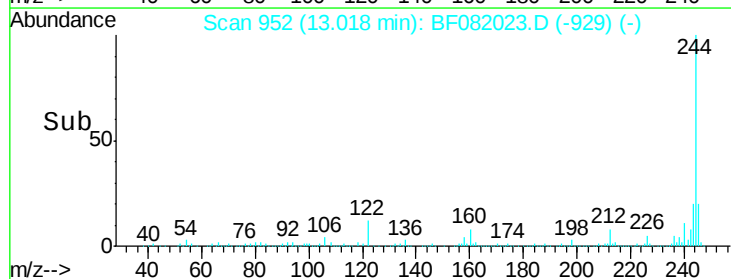
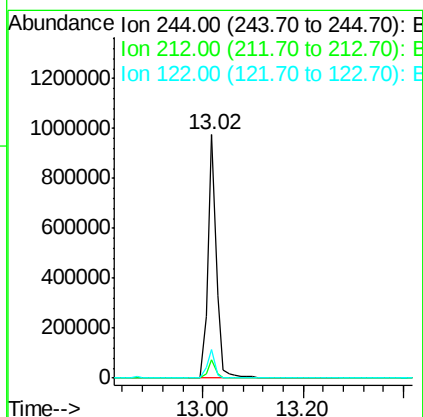
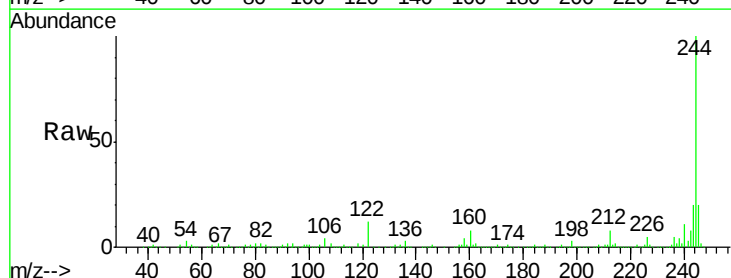
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

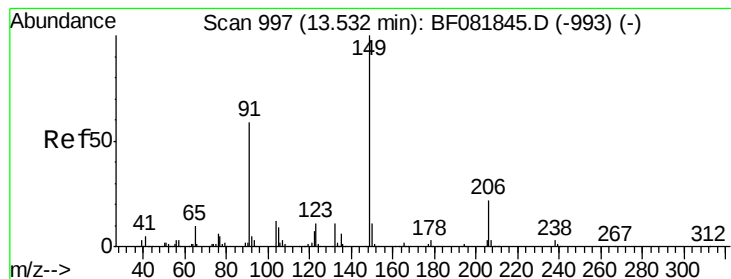
Tgt Ion: 202 Resp: 1055766
 Ion Ratio Lower Upper
 202 100
 200 22.1 15.0 22.4
 203 18.4 14.1 21.1



#78
 Terphenyl-d14
 Concen: 156.59 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion: 244 Resp: 1141316
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.6 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 64.65 ng

RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

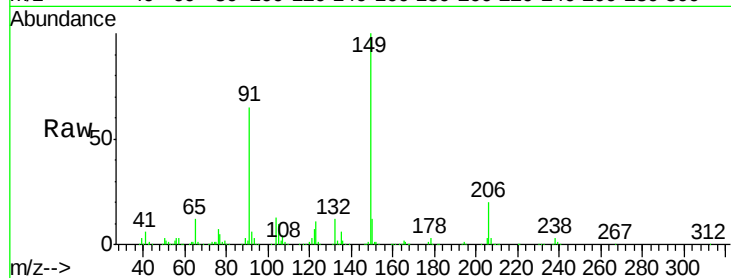
Tgt Ion:149 Resp: 439963

Ion Ratio Lower Upper

149 100

91 65.2 48.6 72.8

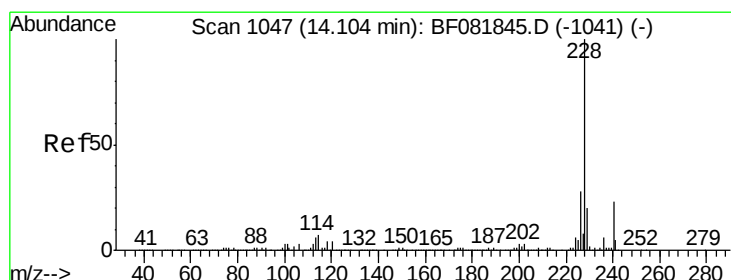
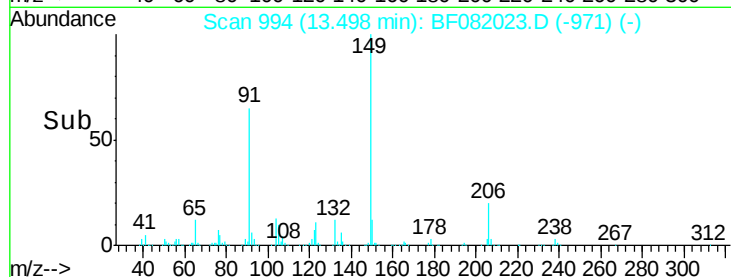
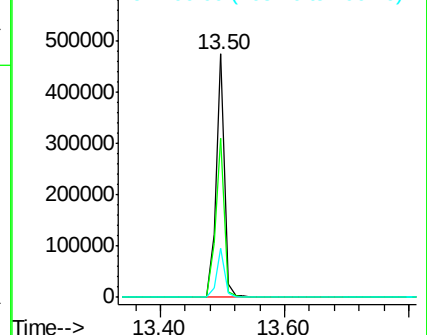
206 20.3 14.9 22.3



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: 60.31 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

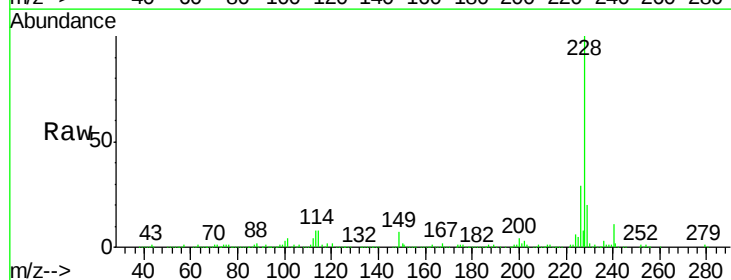
Tgt Ion:228 Resp: 983178

Ion Ratio Lower Upper

228 100

226 28.6 20.0 30.0

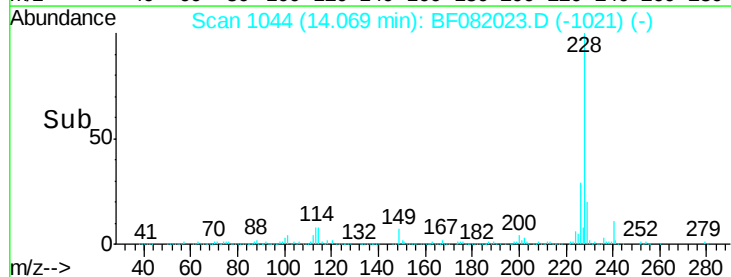
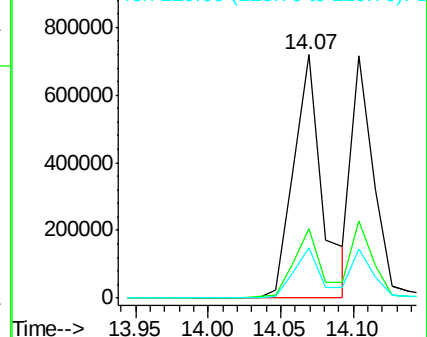
229 20.5 15.4 23.2



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

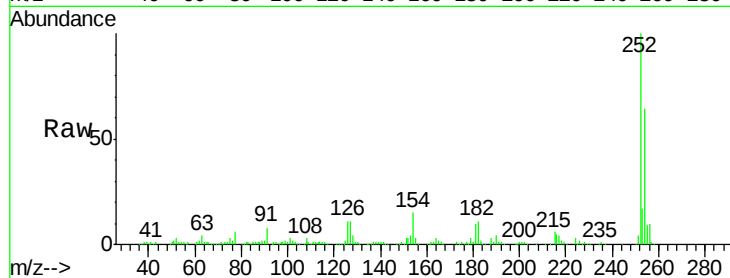




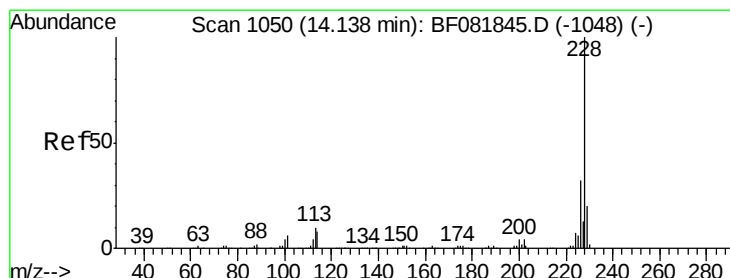
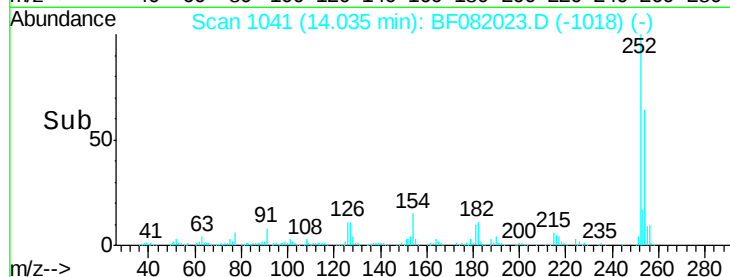
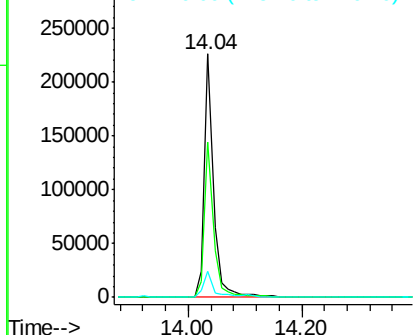
#81
 3,3'-Dichlorobenzidine
 Concen: 44.65 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:252 Resp: 245807
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.4 77.2
 126 10.6 16.4 24.6#

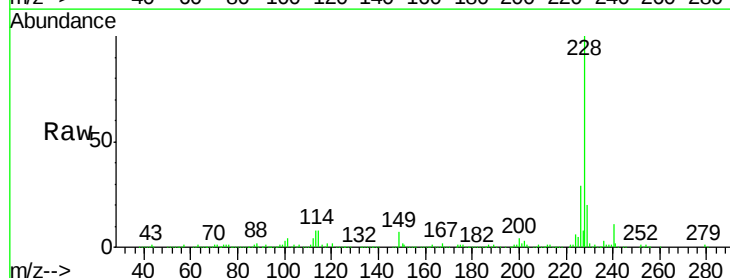


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

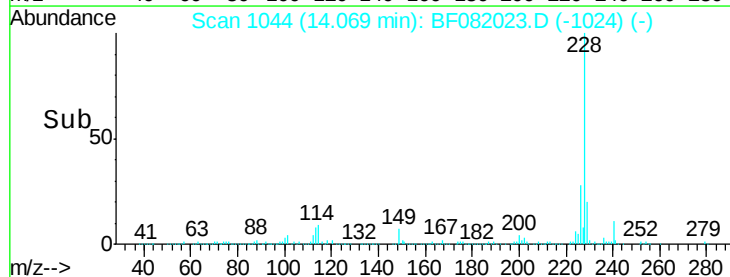
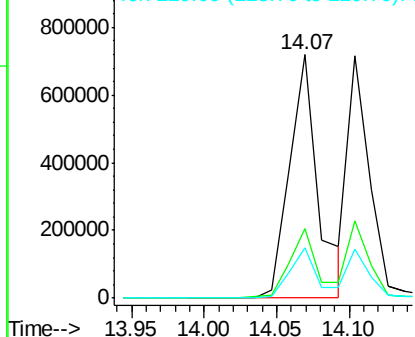


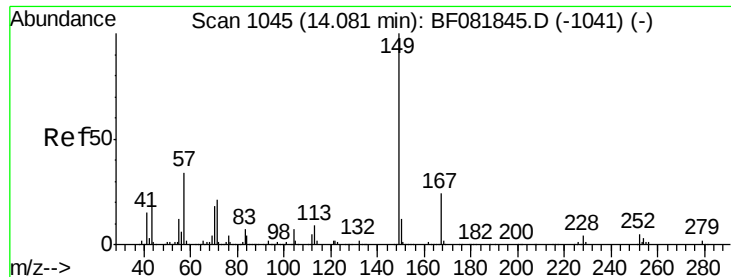
#82
 Chrysene
 Concen: Below Cal
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:228 Resp: 983178
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.0 31.4
 229 20.5 15.6 23.4



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

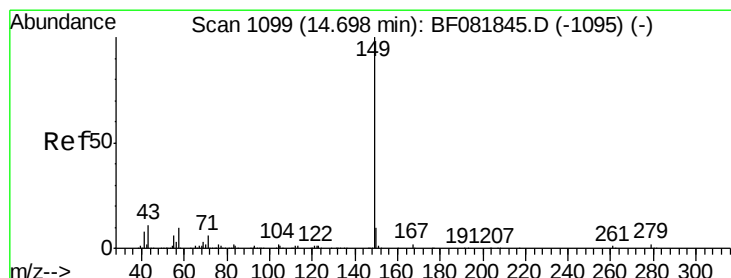
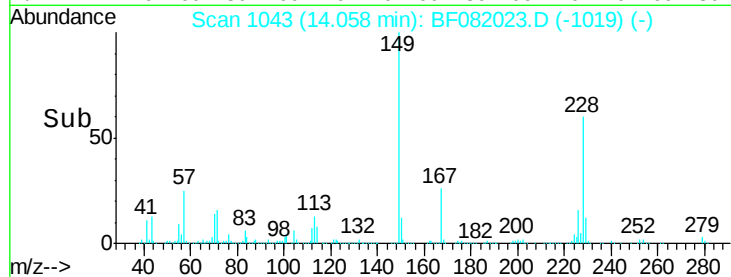
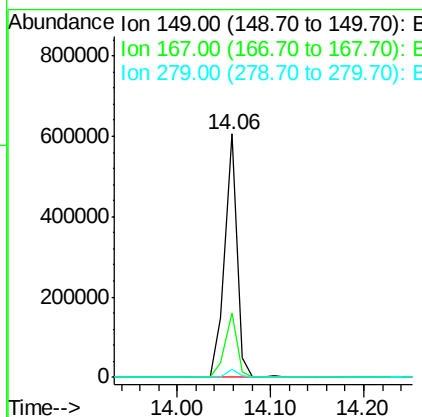
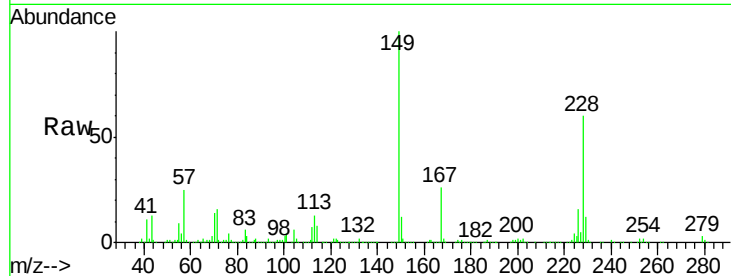




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.32 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

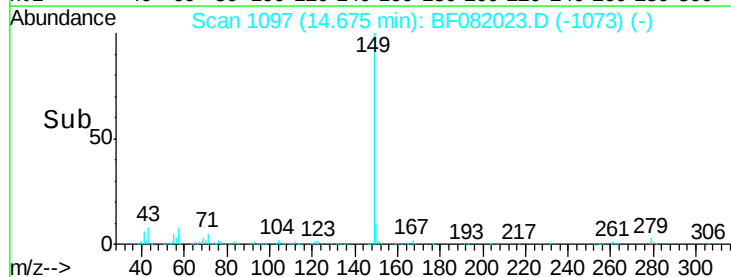
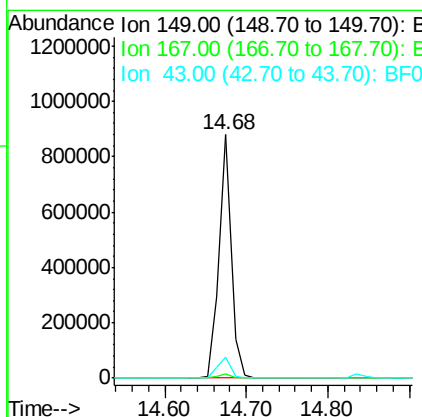
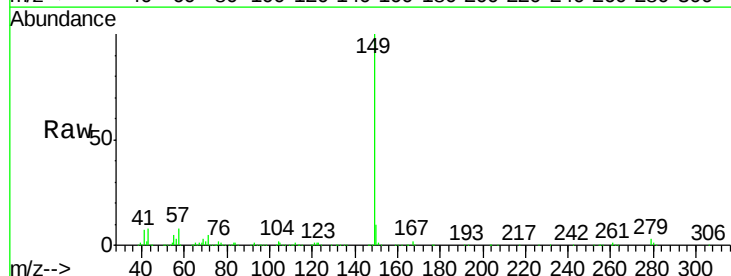
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

Tgt Ion:149 Resp: 557614
 Ion Ratio Lower Upper
 149 100
 167 26.5 24.2 36.2
 279 3.1 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 66.10 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion:149 Resp: 918327
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.4 10.2 15.2#

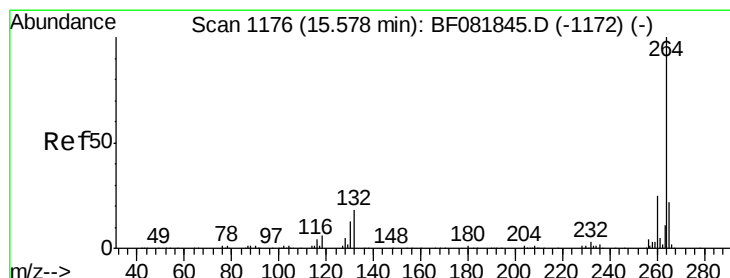
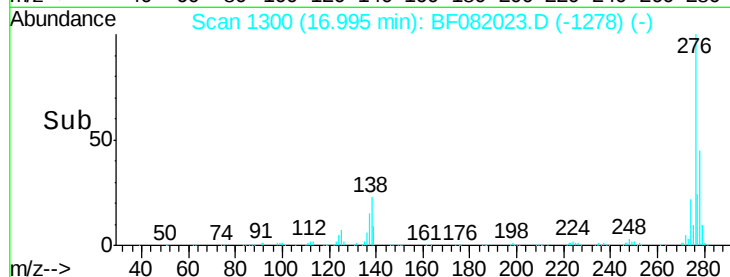
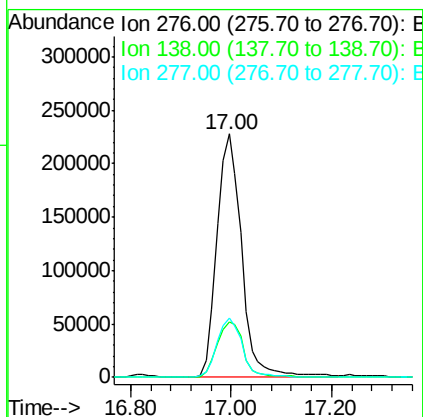
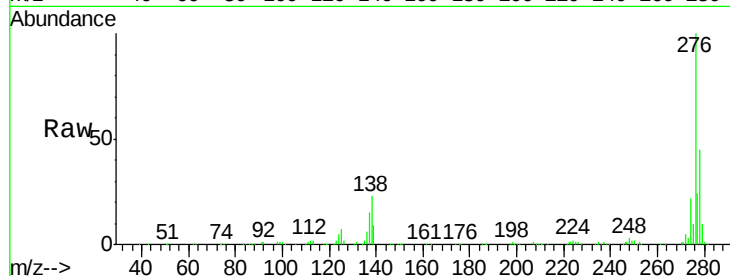




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.78 ng
 RT: 17.00 min Scan# 1300
 Delta R.T. -0.05 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

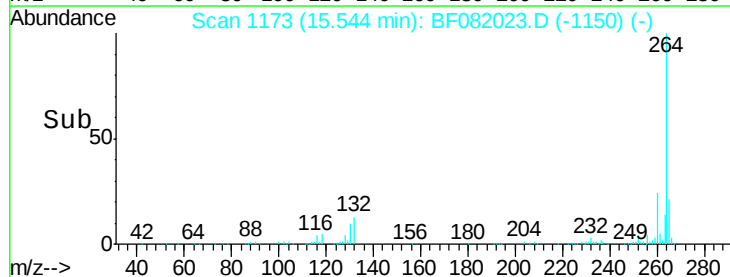
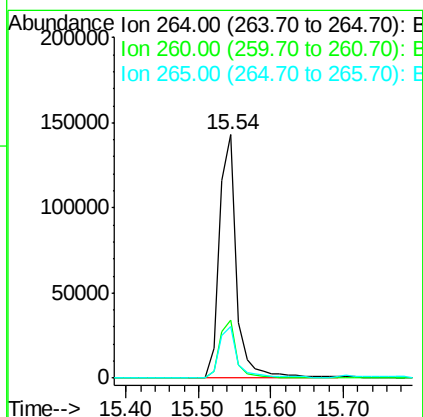
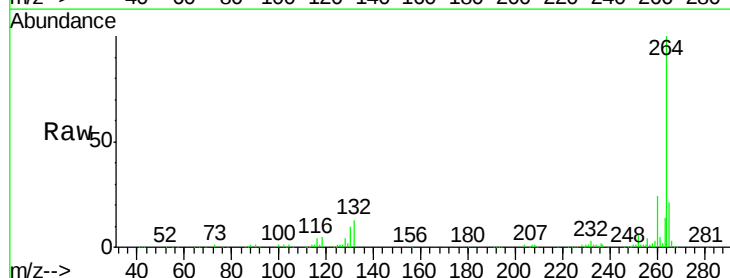
Instrument :
 BNA_F
 ClientSampleId :
 A3-COMPMSD

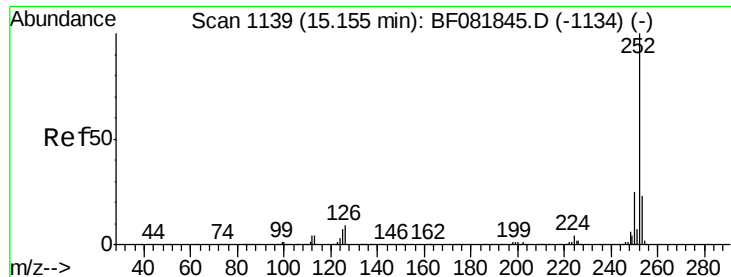
Tgt Ion: 276 Resp: 775078
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.7 38.5#
 277 25.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF082023.D
 Acq: 3 Oct 2015 15:58

Tgt Ion: 264 Resp: 234567
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.3 17.2 25.8

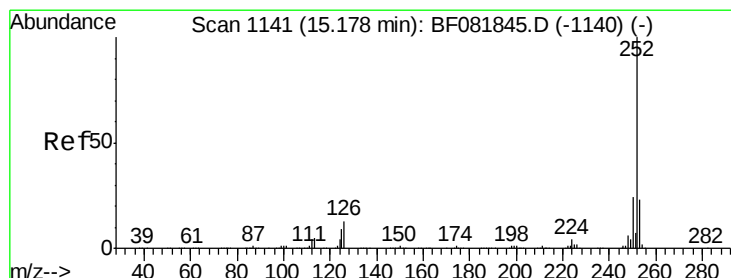
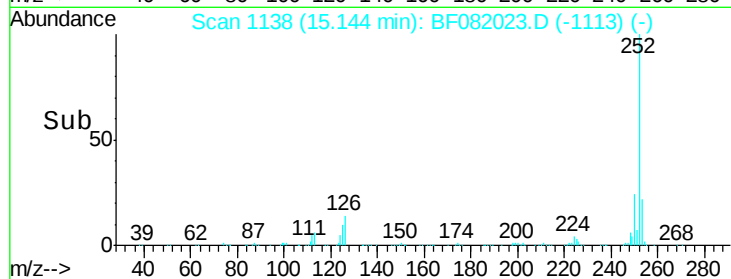
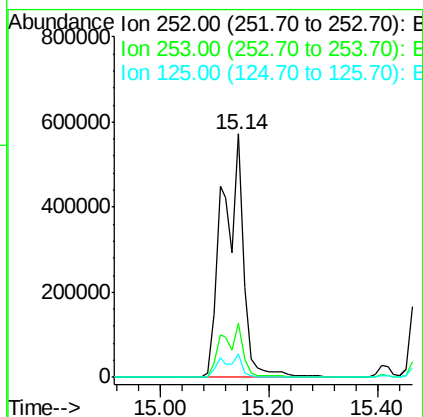
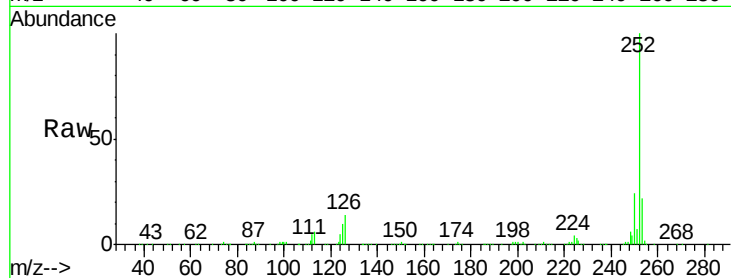




#87
Benzo(b)fluoranthene
Concen: 115.57 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

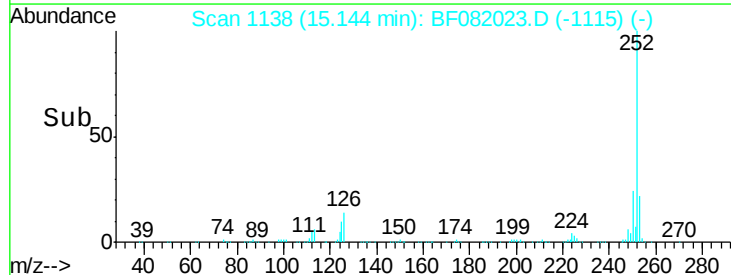
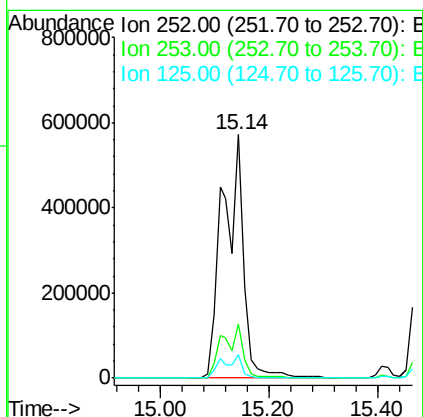
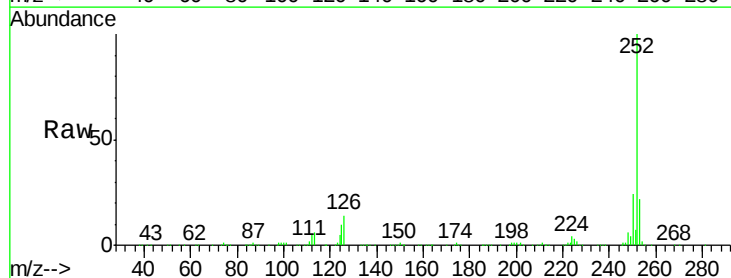
Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

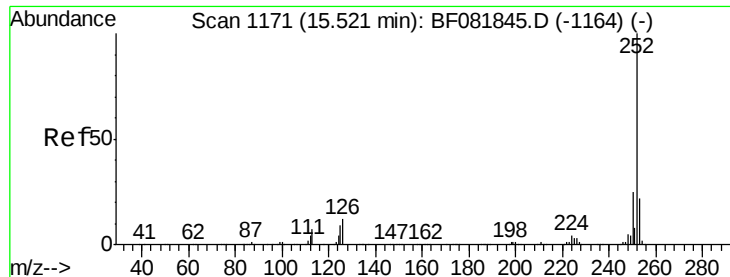
Tgt Ion:252 Resp: 1547738
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 126.09 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF082023.D
Acq: 3 Oct 2015 15:58

Tgt Ion:252 Resp: 1547738
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.7 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 60.73 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD

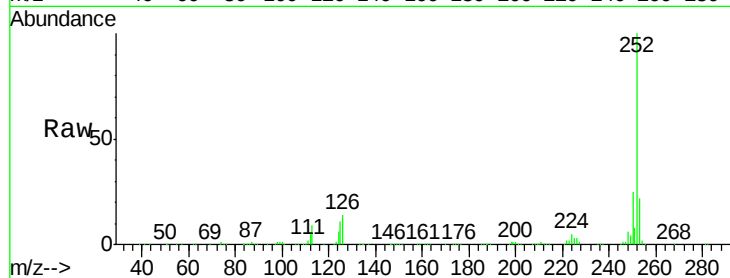
Tgt Ion:252 Resp: 705530

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

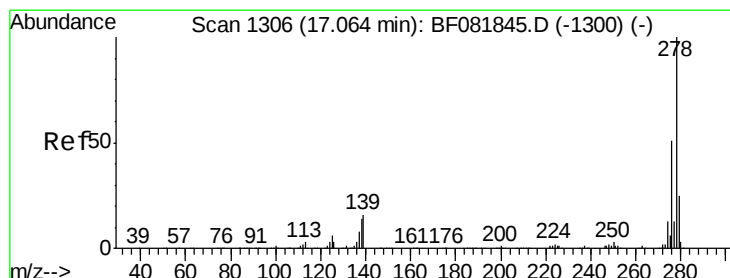
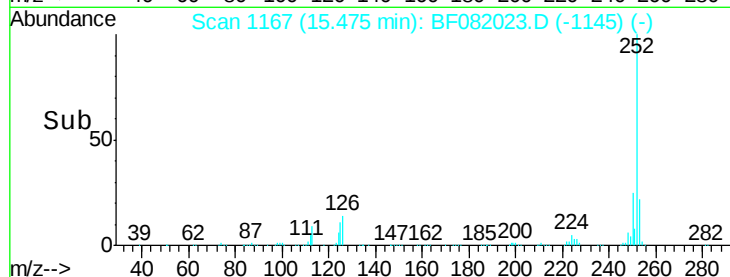
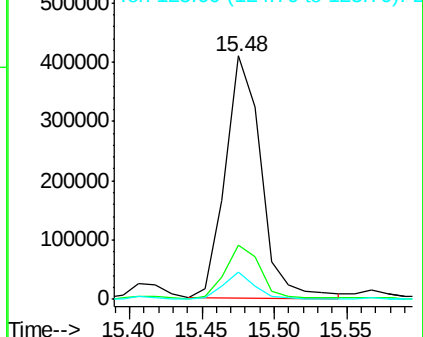
125 11.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 62.37 ng

RT: 17.02 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF082023.D

Acq: 3 Oct 2015 15:58

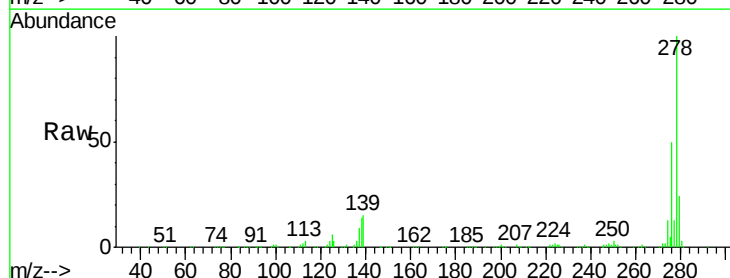
Tgt Ion:278 Resp: 607869

Ion Ratio Lower Upper

278 100

139 14.7 26.3 39.5#

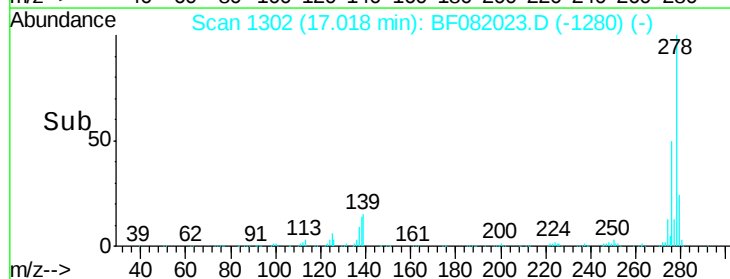
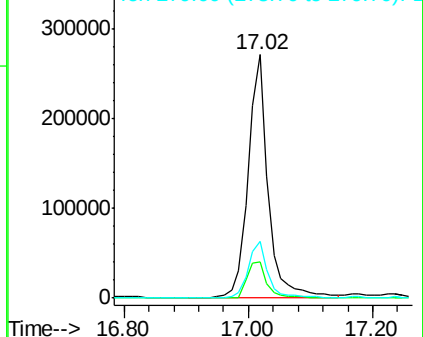
279 23.6 18.2 27.4



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: 65.25 ng

RT: 17.44 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF082023.D

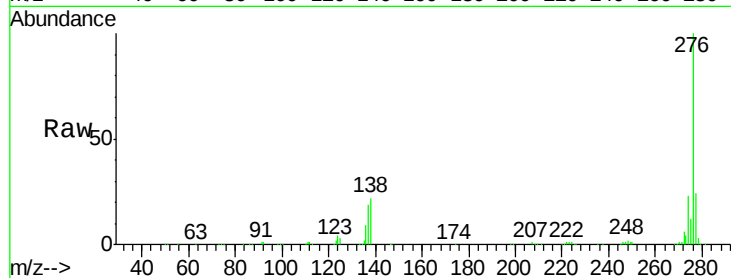
Acq: 3 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

A3-COMPMSD



Tgt Ion: 276 Resp: 651735

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 21.6 34.6 51.8#

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

