

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081292.D
 Acq On : 30 Aug 2015 2:03
 Operator : UM/IZ
 Sample : G3474-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:11:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58051	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	226401	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	105148	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	186224	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	116403	20.00	ng	-0.06
86) Perylene-d12	14.93	264	102775	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	208823	54.11	ng	-0.05
7) Phenol-d6	6.15	99	177695	35.29	ng	-0.05
23) Nitrobenzene-d5	7.06	82	386955	78.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	86932	95.38	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	586738	73.11	ng	-0.05
78) Terphenyl-d14	12.57	244	464901	85.62	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.90	88	24794	13.63	ng	96
3) Pyridine	2.51	79	67647	13.18	ng	# 80
4) n-Nitrosodimethylamine	2.43	42	39889	13.96	ng	# 75
6) Aniline	6.18	93	106263	14.51	ng	98
8) 2-Chlorophenol	6.27	128	131386	31.10	ng	83
9) Benzaldehyde	6.02	77	20289	6.25	ng	91
10) Phenol	6.16	94	74620	12.55	ng	89
11) bis(2-Chloroethyl)ether	6.23	93	177316	38.86	ng	92
12) 1,3-Dichlorobenzene	6.42	146	165686	36.50	ng	97
13) 1,4-Dichlorobenzene	6.50	146	169733	37.76	ng	98
14) 1,2-Dichlorobenzene	6.65	146	143114	34.02	ng	99
15) Benzyl Alcohol	6.65	79	104246	25.59	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	334137	37.26	ng	79
17) 2-Methylphenol	6.78	107	87748	24.21	ng	# 89
18) Hexachloroethane	6.99	117	68158	37.53	ng	96
19) n-Nitroso-di-n-propylamine	6.93	70	129801	37.21	ng	92
20) 3+4-Methylphenols	6.94	107	118145	25.68	ng	# 44
22) Acetophenone	6.91	105	245615	41.32	ng	# 75
24) Nitrobenzene	7.09	77	195920	37.81	ng	# 86
25) Isophorone	7.33	82	337453	36.51	ng	99
26) 2-Nitrophenol	7.39	139	74256	34.46	ng	86
27) 2,4-Dimethylphenol	7.46	122	137830	36.15	ng	91
28) bis(2-Chloroethoxy)methane	7.54	93	202042	37.00	ng	99
29) 2,4-Dichlorophenol	7.65	162	114026	35.53	ng	88
30) 1,2,4-Trichlorobenzene	7.71	180	127048	35.61	ng	97
31) Naphthalene	7.79	128	459136	36.38	ng	99
32) Benzoic acid	7.59	122	34423	16.05	ng	88
33) 4-Chloroaniline	7.86	127	51428	9.66	ng	# 88
34) Hexachlorobutadiene	7.92	225	82030	40.66	ng	97
35) Caprolactam	8.29	113	7403	6.60	ng	95
36) 4-Chloro-3-methylphenol	8.37	107	131148	34.28	ng	88
37) 2-Methylnaphthalene	8.48	142	293539	36.82	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	112459	33.15	ng	# 96
40) Hexachlorocyclopentadiene	8.64	237	90561	51.57	ng	99

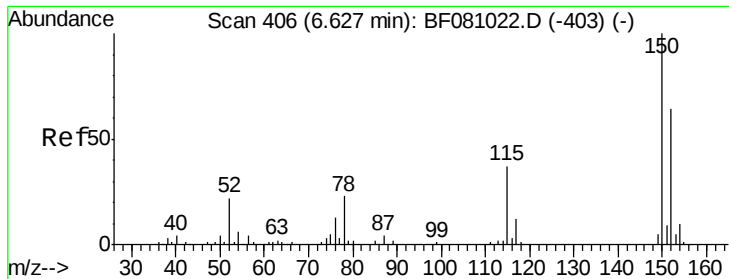
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	86971	36.29	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	78955	32.96	nq	# 84
45) 1,1'-Biphenyl	8.95	154	333688	36.03	nq	95
46) 2-Chloronaphthalene	8.97	162	266881	35.87	nq	93
47) 2-Nitroaniline	9.09	65	118672	38.97	nq	# 72
48) Acenaphthylene	9.38	152	456978	34.33	nq	99
49) Dimethylphthalate	9.27	163	307869	35.55	nq	99
50) 2,6-Dinitrotoluene	9.33	165	59609	32.06	nq	# 60
51) Acenaphthene	9.55	154	277777	34.86	nq	99
52) 3-Nitroaniline	9.50	138	36007	15.48	nq	84
53) 2,4-Dinitrophenol	9.60	184	70693	70.15	nq	90
54) Dibenzofuran	9.73	168	392569	36.77	nq	95
55) 4-Nitrophenol	9.73	139	197513	120.87	nq	# 1
56) 2,4-Dinitrotoluene	9.73	165	82694	33.56	nq	# 59
57) Fluorene	10.07	166	293248	35.70	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	59259	31.96	nq	100
59) Diethylphthalate	9.97	149	349383	38.12	nq	97
60) 4-Chlorophenyl-phenylether	10.07	204	139721	40.20	nq	# 82
61) 4-Nitroaniline	10.10	138	38720	16.28	nq	97
62) Azobenzene	10.22	77	354369	33.55	nq	97
64) 4,6-Dinitro-2-methylphenol	10.14	198	44263	39.80	nq	# 54
65) n-Nitrosodiphenylamine	10.19	169	254117	38.23	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	75850	41.46	nq	# 79
67) Hexachlorobenzene	10.61	284	76813	41.46	nq	# 90
68) Atrazine	10.77	200	50381	27.20	nq	94
69) Pentachlorophenol	10.81	266	70640	63.55	nq	99
70) Phenanthrene	11.02	178	429628	38.93	nq	99
71) Anthracene	11.06	178	370005	34.45	nq	100
72) Carbazole	11.23	167	384971	37.23	nq	98
73) Di-n-butylphthalate	11.58	149	470387	37.60	nq	98
74) Fluoranthene	12.19	202	450040	37.79	nq	98
77) Pyrene	12.41	202	394969	41.74	nq	99
79) Butylbenzylphthalate	13.06	149	206538	50.78	nq	96
80) Benzo(a)anthracene	13.60	228	322955	41.37	nq	99
82) Chrysene	13.64	228	297188	42.24	nq	98
83) Bis(2-ethylhexyl)phthalate	13.62	149	317736	60.99	nq	100
84) Di-n-octyl phthalate	14.23	149	471653	59.56	nq	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	271277	54.92	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	479158	65.91	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	479158	70.74	nq	99
89) Benzo(a)pyrene	14.88	252	251481	39.70	nq	97
90) Dibenzo(a,h)anthracene	16.09	278	225621	45.71	nq	# 95
91) Benzo(g,h,i)perylene	16.42	276	227953	45.52	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

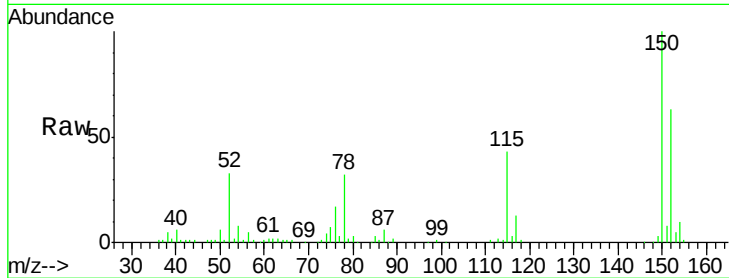
Tot Ion:152 Resp: 58051

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

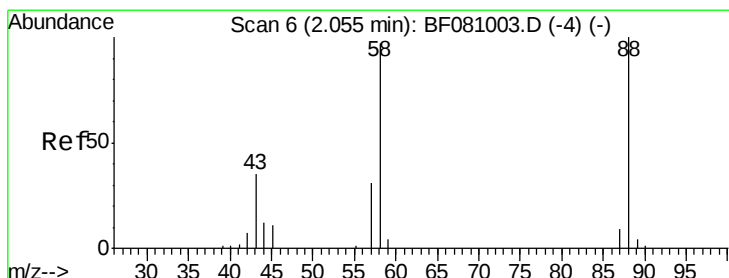
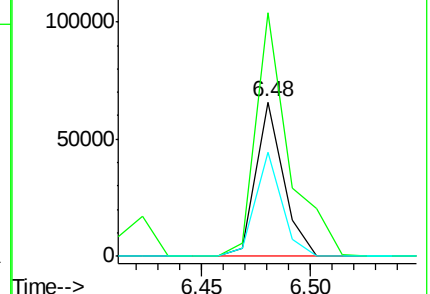
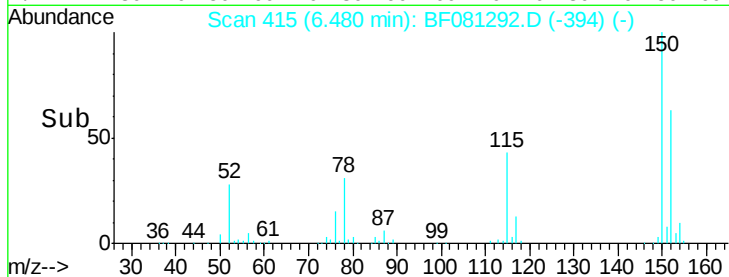
115 67.8 52.1 78.1



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: 13.63 ng

RT: 1.90 min Scan# 14

Delta R.T. -0.04 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

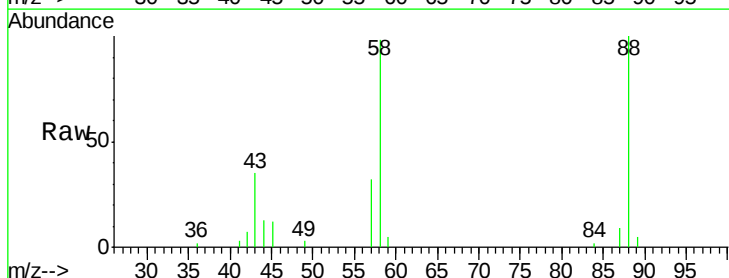
Tgt Ion: 88 Resp: 24794

Ion Ratio Lower Upper

88 100

58 99.5 83.7 125.5

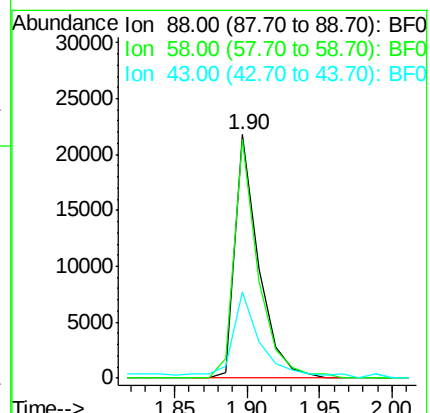
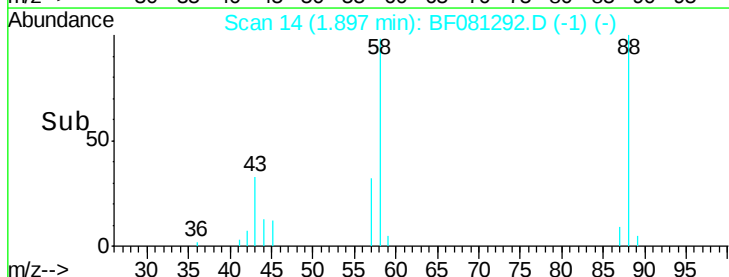
43 44.9 37.5 56.3

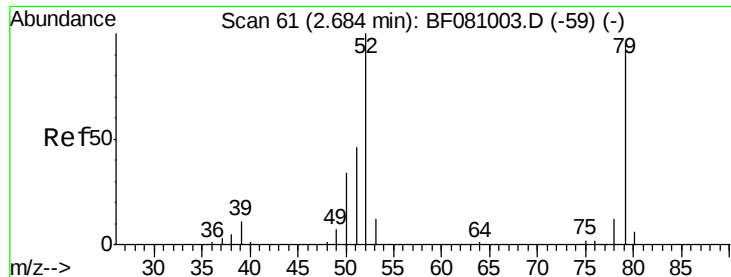


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.18 ng

RT: 2.51 min Scan# 68

Delta R.T. -0.02 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

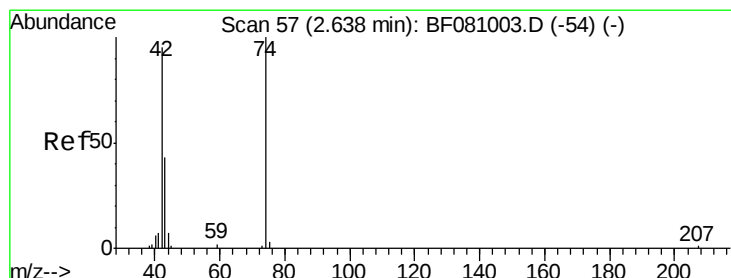
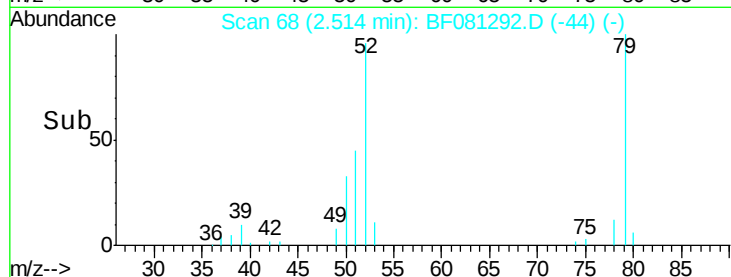
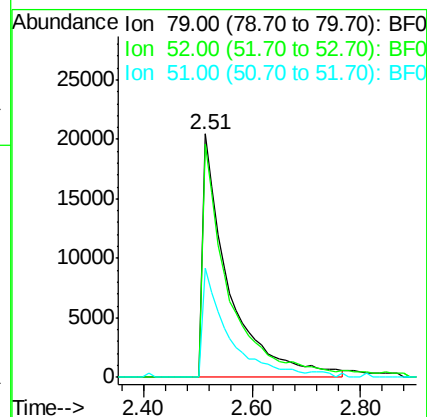
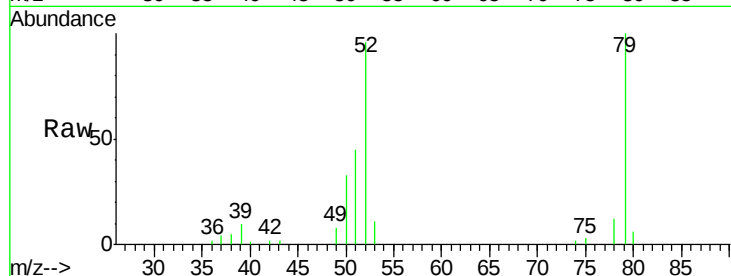
Tot Ion: 79 Resp: 67647

Ion Ratio Lower Upper

79 100

52 95.9 95.1 142.7

51 44.9 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 13.96 ng

RT: 2.43 min Scan# 61

Delta R.T. -0.07 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

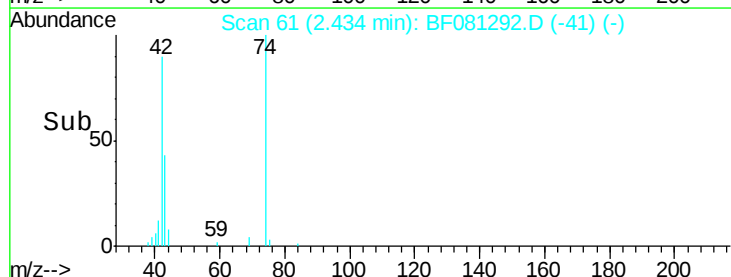
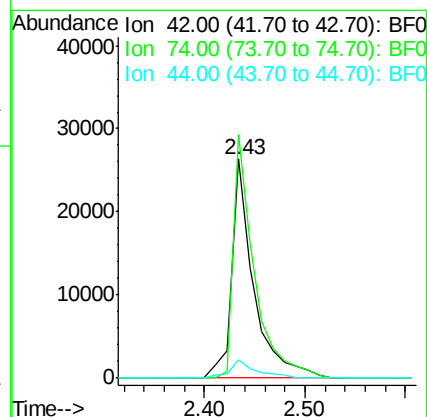
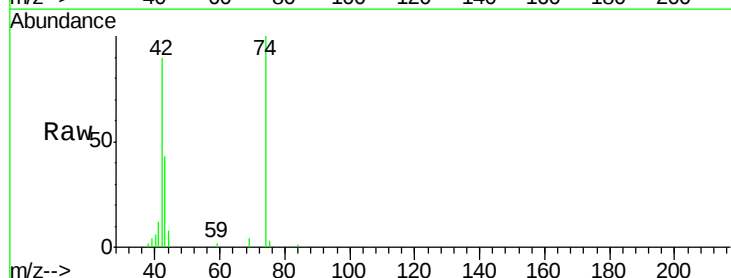
Tgt Ion: 42 Resp: 39889

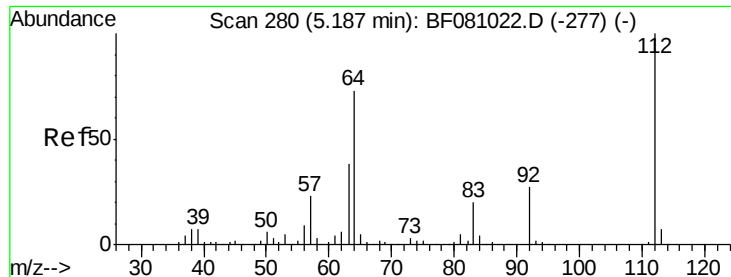
Ion Ratio Lower Upper

42 100

74 111.0 69.3 103.9#

44 8.7 5.5 8.3#





#5

2-Fluorophenol

Concen: 54.11 ng

RT: 5.05 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF081292.D

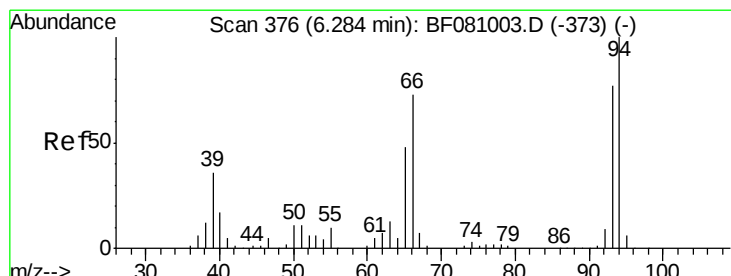
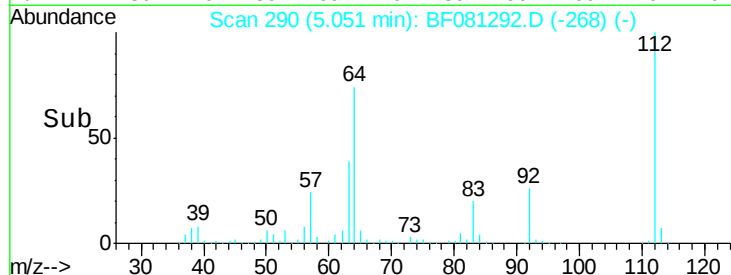
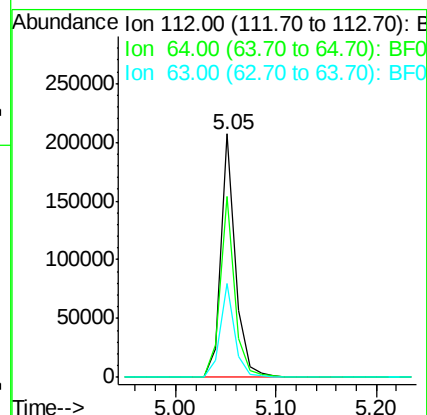
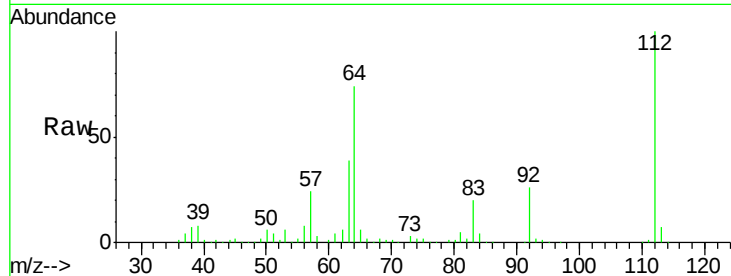
Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	208823
Ion Ratio	Lower	Upper	
112	100		
64	74.4	66.9	100.3
63	38.8	38.1	57.1



#6

Aniline

Concen: 14.51 ng

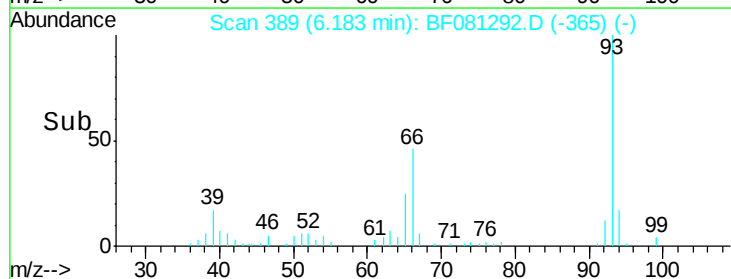
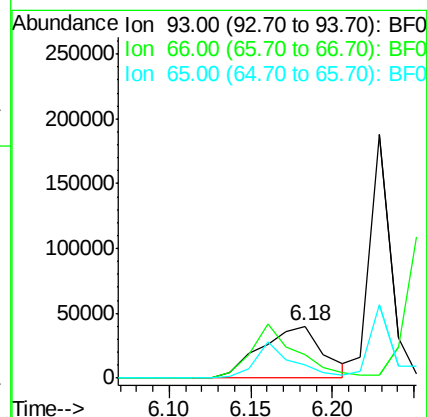
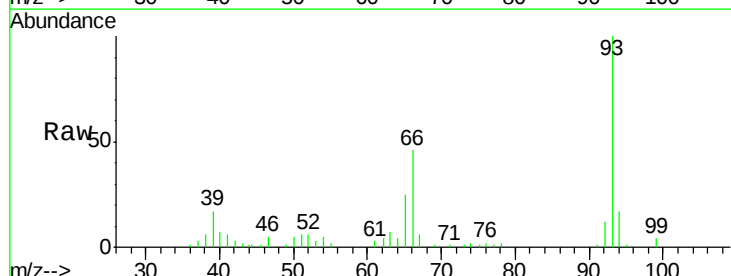
RT: 6.18 min Scan# 389

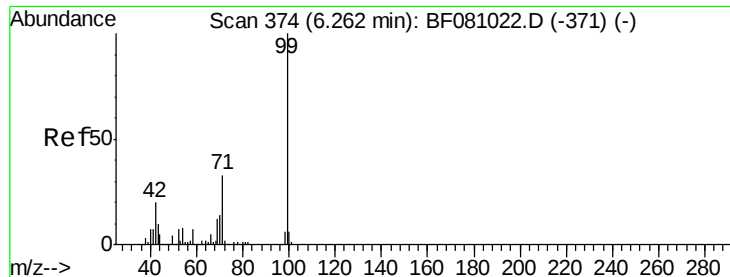
Delta R.T. -0.02 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	93	Resp:	106263
Ion Ratio	Lower	Upper	
93	100		
66	45.7	35.6	53.4
65	25.0	18.7	28.1





#7

Phenol-d6

Concen: 35.29 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

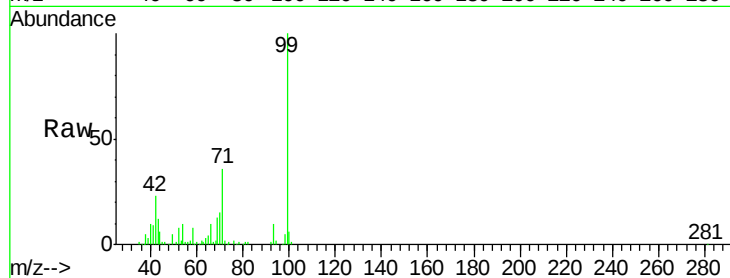
Tot Ion: 99 Resp: 177695

Ion Ratio Lower Upper

99 100

42 23.1 19.6 29.4

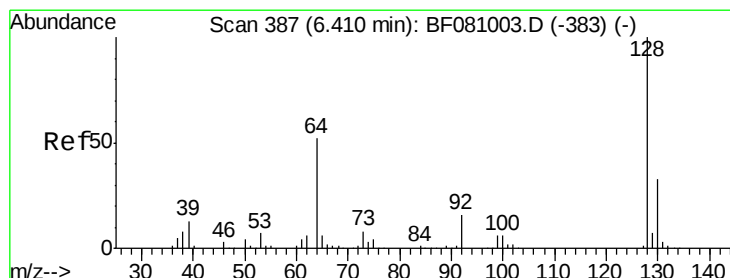
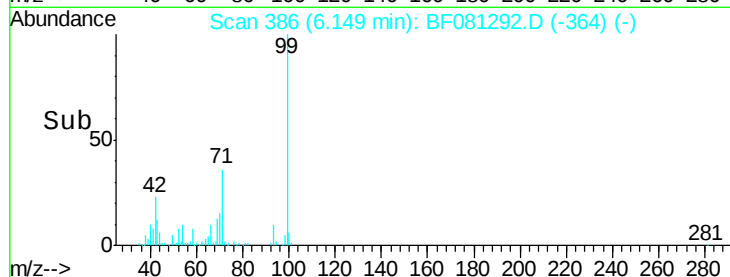
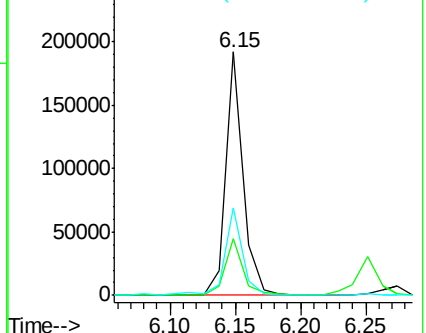
71 36.0 31.2 46.8



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: 31.10 ng

RT: 6.27 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

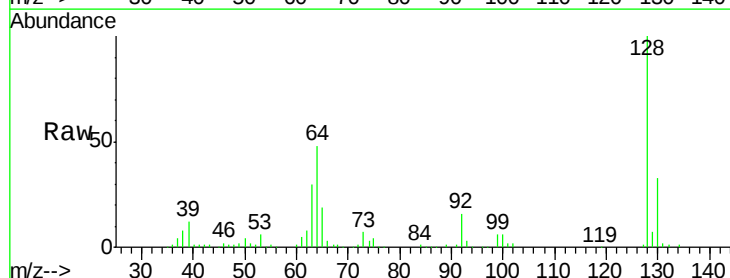
Tgt Ion: 128 Resp: 131386

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

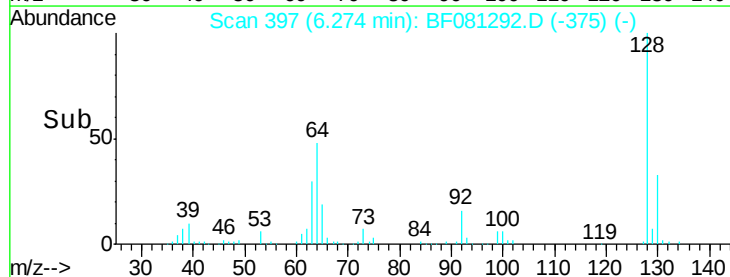
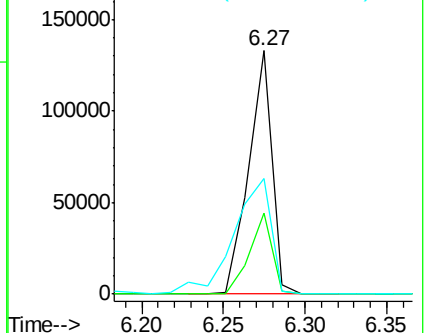
64 47.6 46.8 86.8

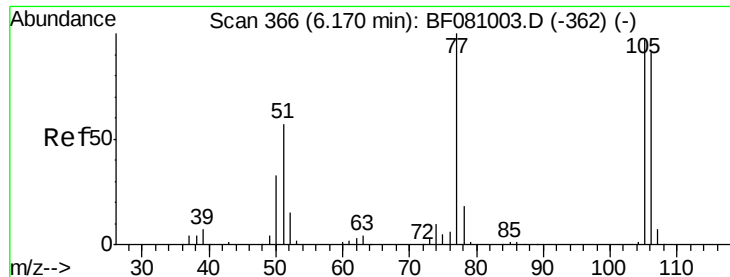


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

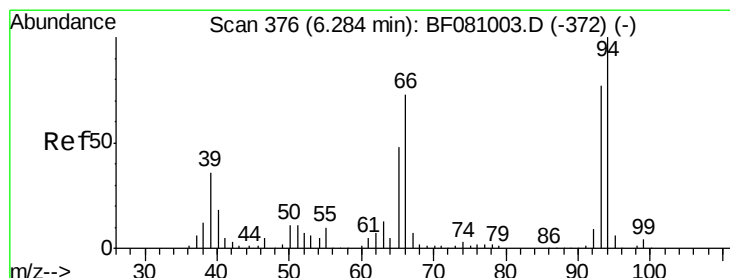
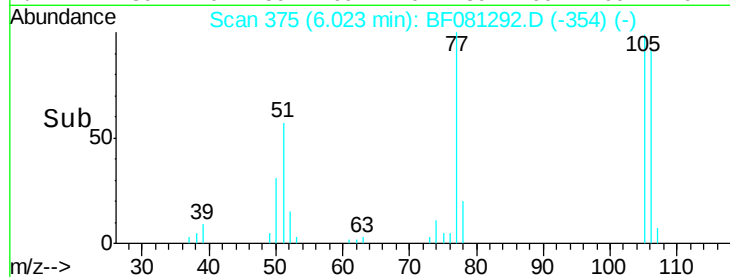
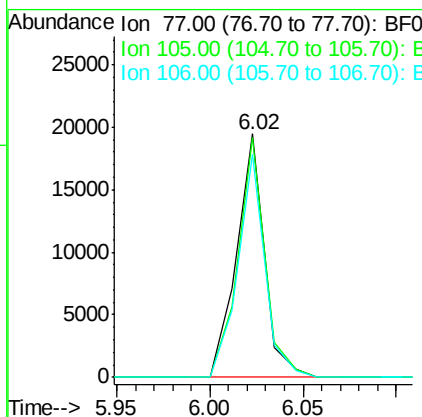
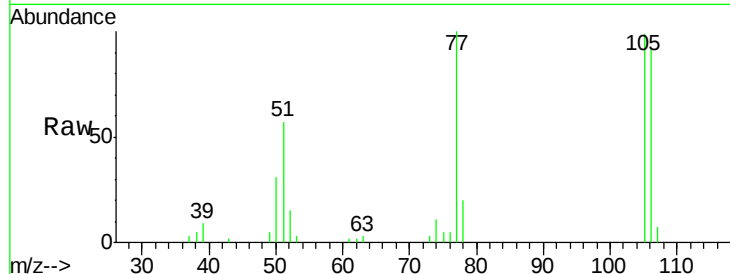




#9
Benzaldehyde
Concen: 6.25 ng
RT: 6.02 min Scan# 375
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

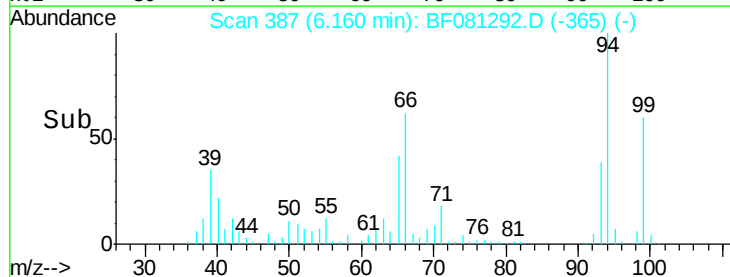
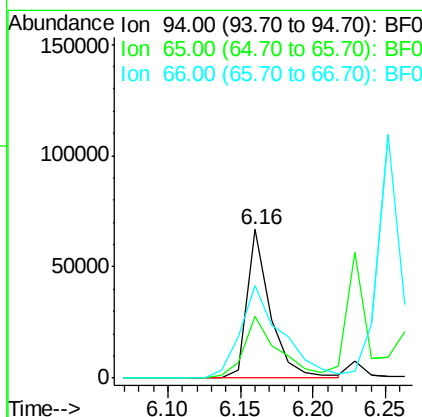
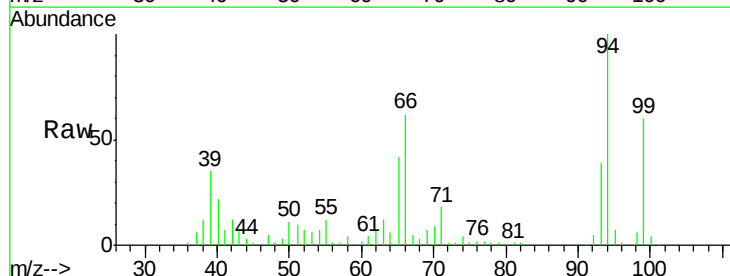
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 20289
Ion Ratio Lower Upper
77 100
105 98.6 69.6 109.6
106 91.9 64.0 104.0



#10
Phenol
Concen: 12.55 ng
RT: 6.16 min Scan# 387
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion: 94 Resp: 74620
Ion Ratio Lower Upper
94 100
65 41.6 28.4 68.4
66 62.2 52.3 92.3





#11

bis(2-Chloroethyl)ether

Concen: 38.86 ng

RT: 6.23 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

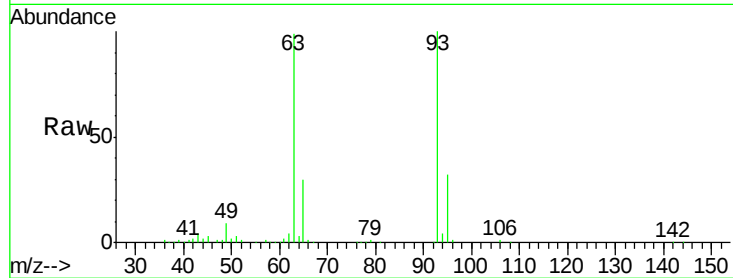
Tot Ion: 93 Resp: 177316

Ion Ratio Lower Upper

93 100

63 99.3 69.6 109.6

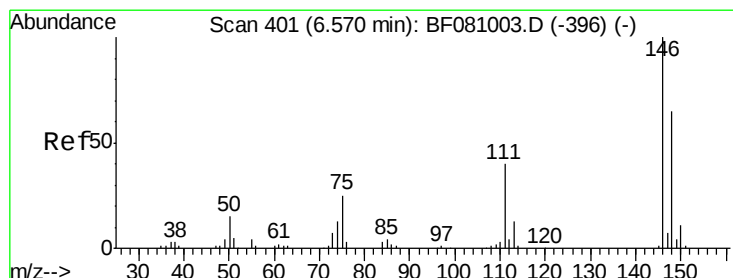
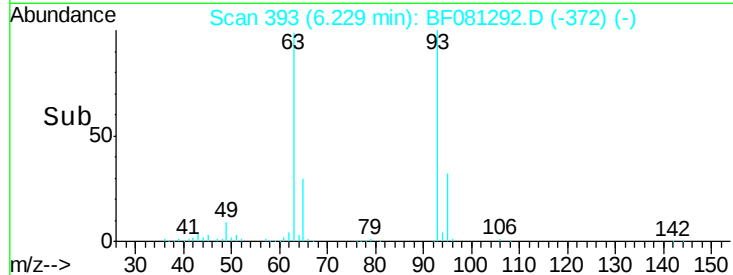
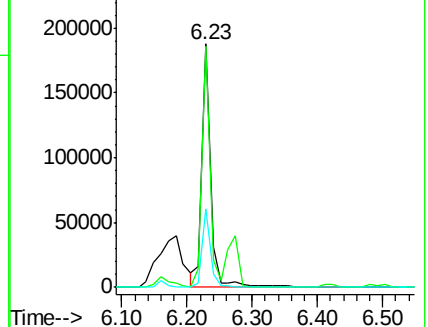
95 32.1 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.50 ng

RT: 6.42 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

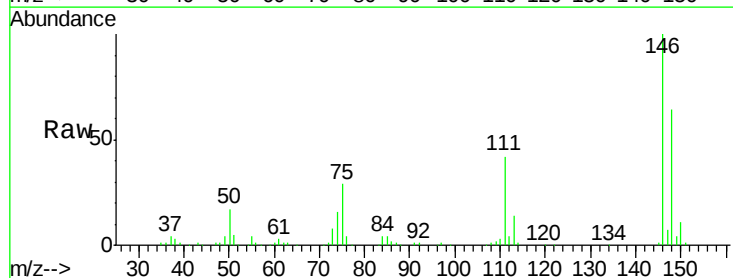
Tgt Ion: 146 Resp: 165686

Ion Ratio Lower Upper

146 100

148 64.4 53.3 79.9

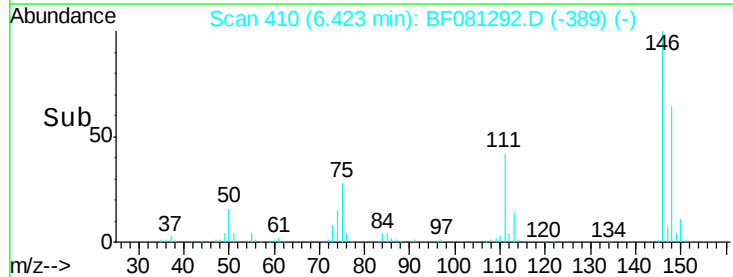
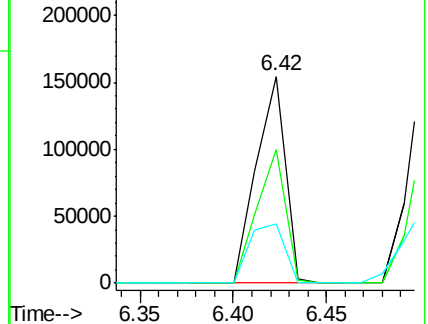
75 28.5 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

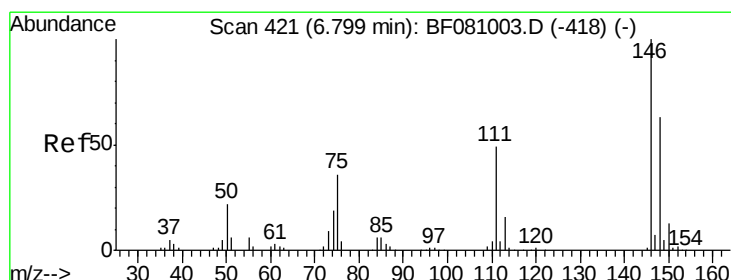
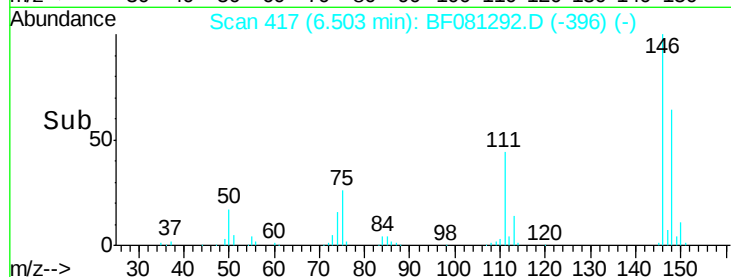
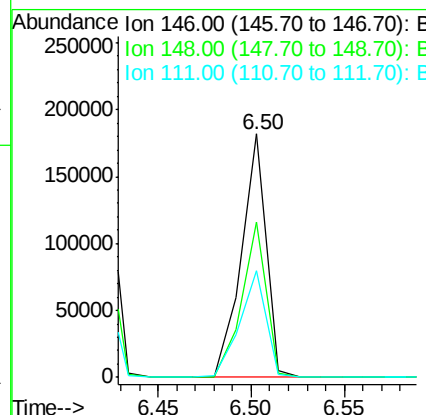
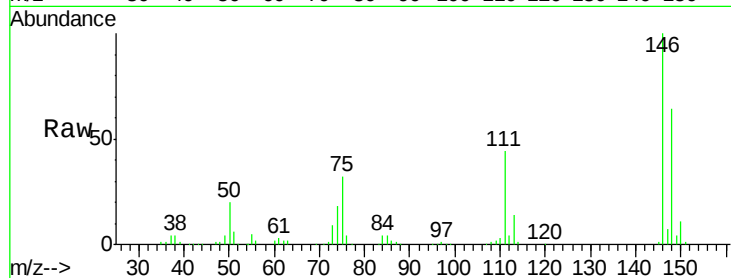




#13
 1,4-Dichlorobenzene
 Concen: 37.76 ng
 RT: 6.50 min Scan# 417
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

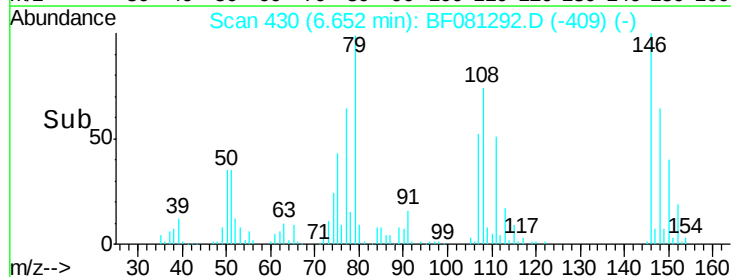
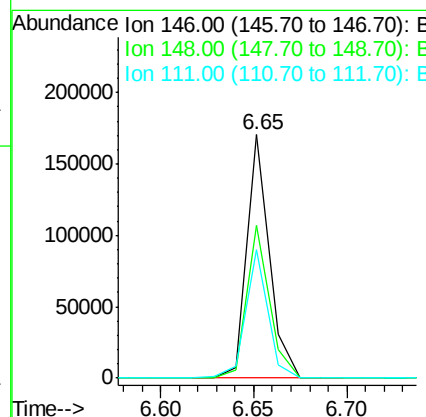
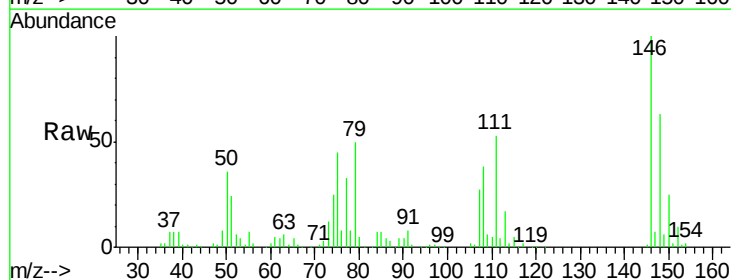
Instrument :
 BNA_F
 ClientSampleId :

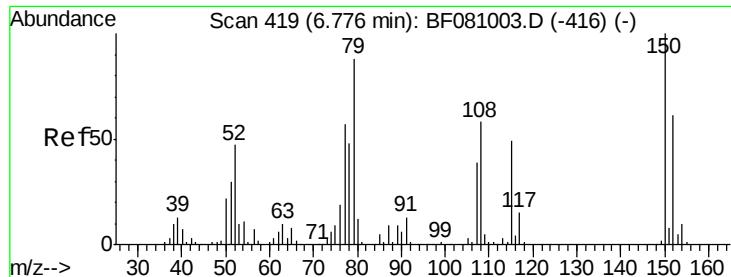
Tot Ion:146 Resp: 169733
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 44.0 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 34.02 ng
 RT: 6.65 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion:146 Resp: 143114
 Ion Ratio Lower Upper
 146 100
 148 62.9 48.7 73.1
 111 52.9 42.3 63.5

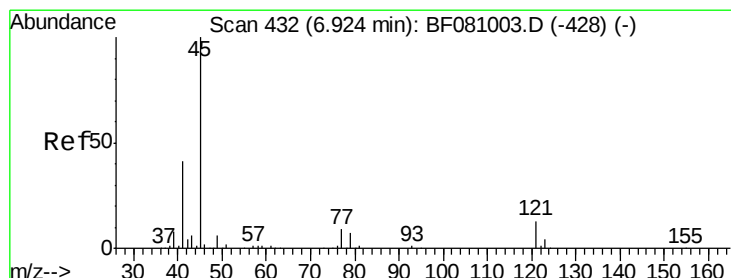
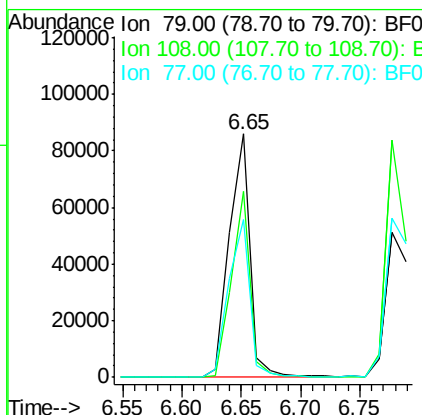
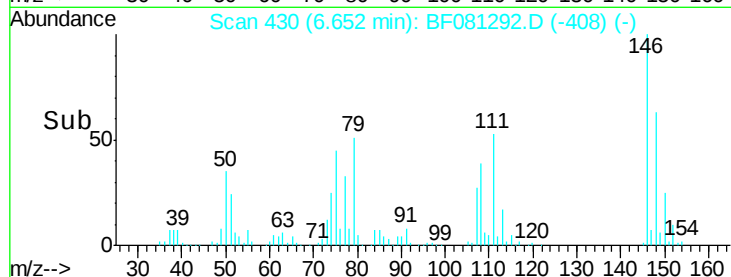
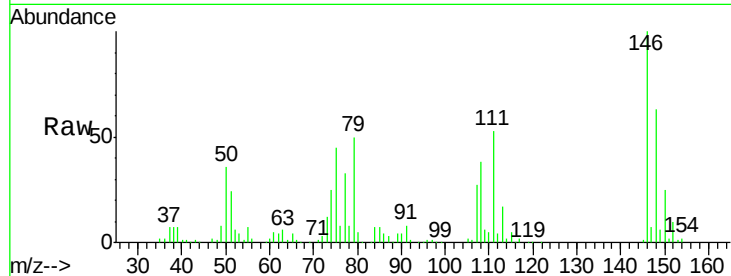




#15
Benzyl Alcohol
Concen: 25.59 ng
RT: 6.65 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

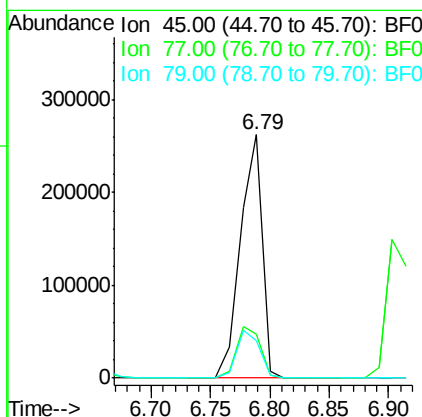
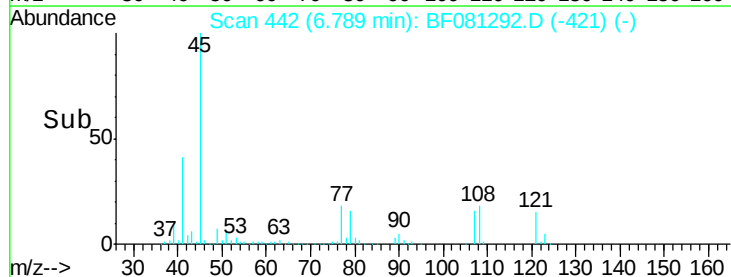
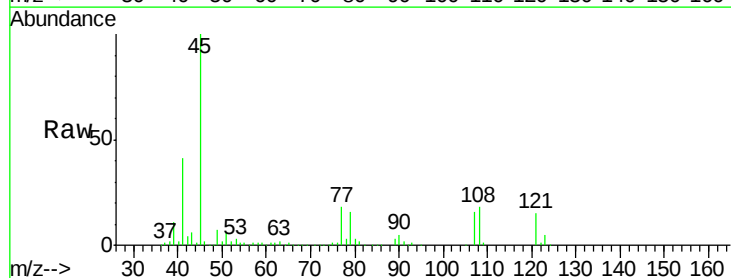
Instrument :
BNA_F
ClientSampled :

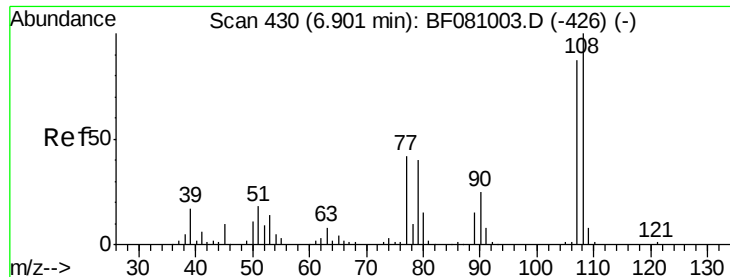
Tot Ion: 79 Resp: 104246
Ion Ratio Lower Upper
79 100
108 76.2 49.4 74.2#
77 65.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.26 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion: 45 Resp: 334137
Ion Ratio Lower Upper
45 100
77 18.0 0.0 30.2
79 15.5 0.0 28.0

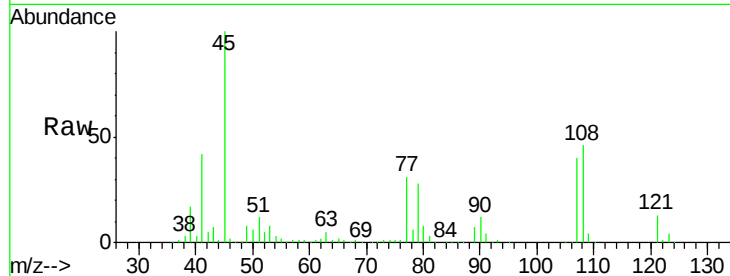




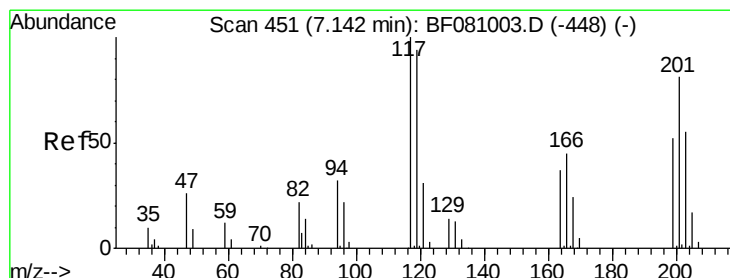
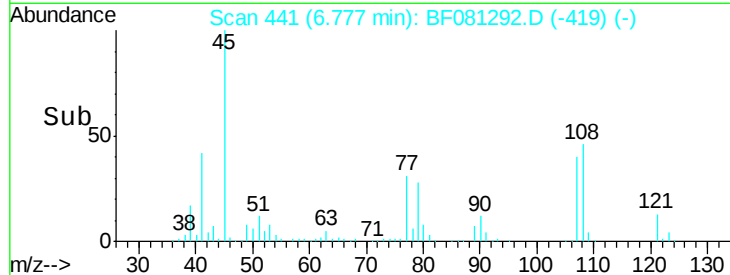
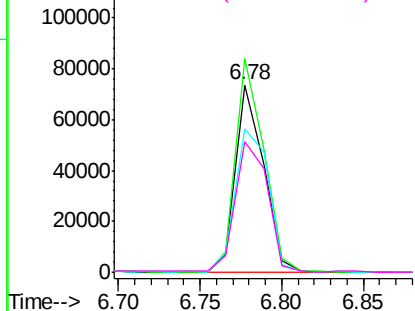
#17
2-Methylphenol
Concen: 24.21 ng
RT: 6.78 min Scan# 441
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 87748
Ion Ratio Lower Upper
107 100
108 114.3 90.4 135.6
77 76.4 46.5 69.7#
79 69.6 46.3 69.5#

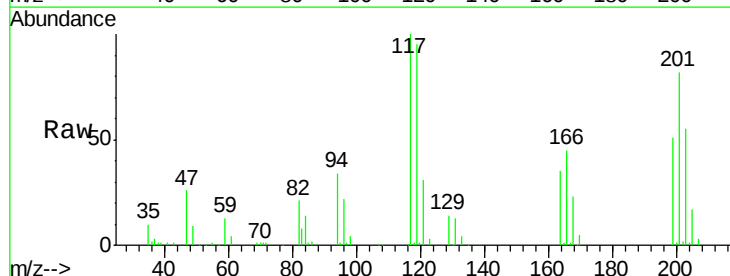


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

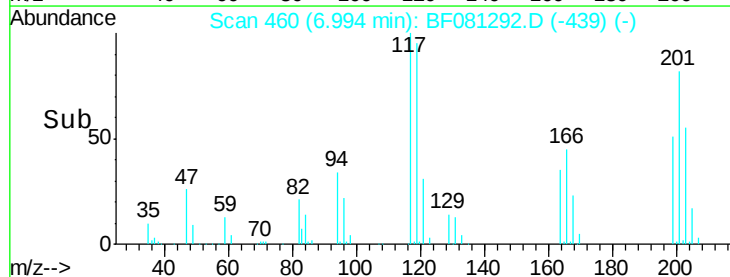
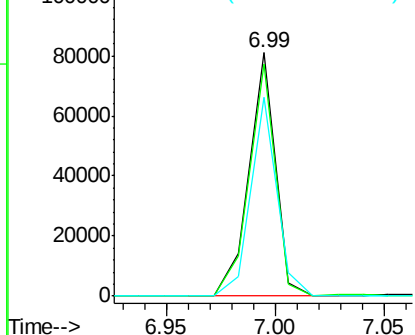


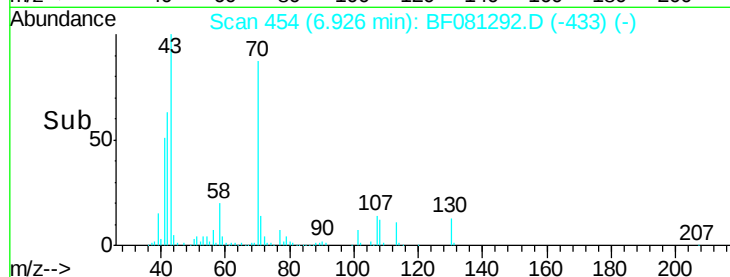
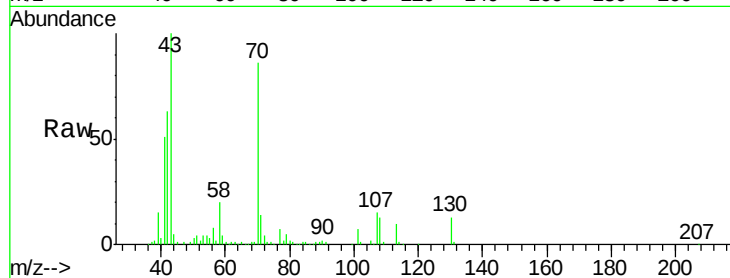
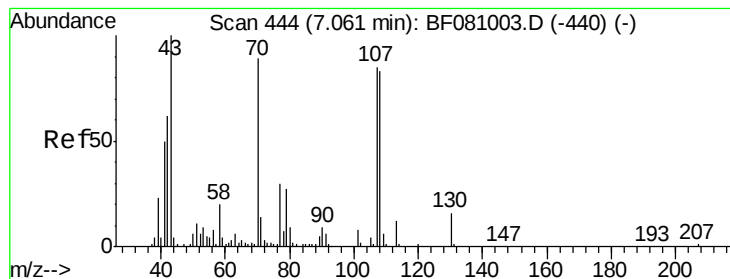
#18
Hexachloroethane
Concen: 37.53 ng
RT: 6.99 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:117 Resp: 68158
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
201 81.6 61.3 91.9



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.21 ng

RT: 6.93 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 129801

Ion Ratio Lower Upper

70 100

42 72.9 65.0 97.4

101 8.2 7.4 11.2

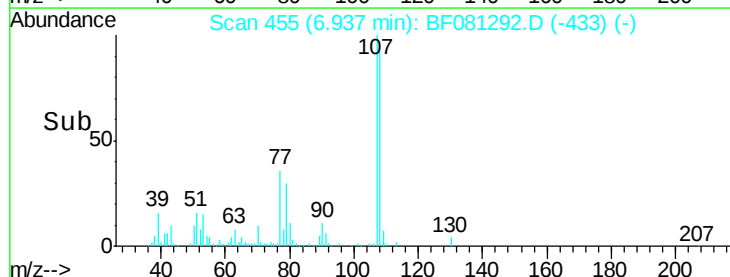
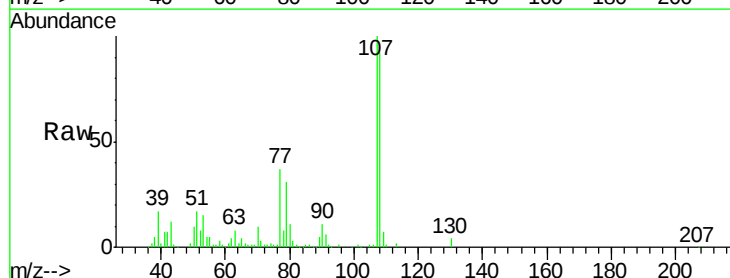
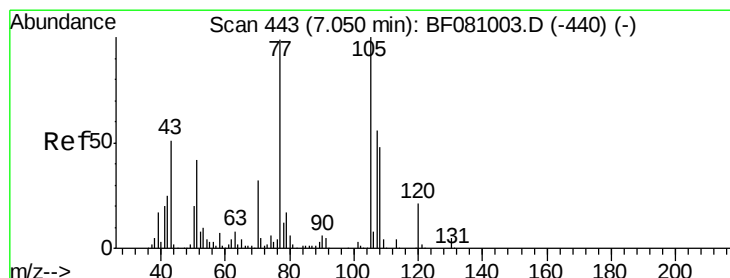
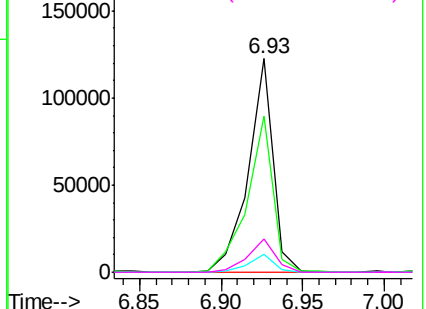
130 15.3 13.0 19.4

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 25.68 ng

RT: 6.94 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion: 107 Resp: 118145

Ion Ratio Lower Upper

107 100

108 91.8 66.1 106.1

77 36.7 139.3 179.3#

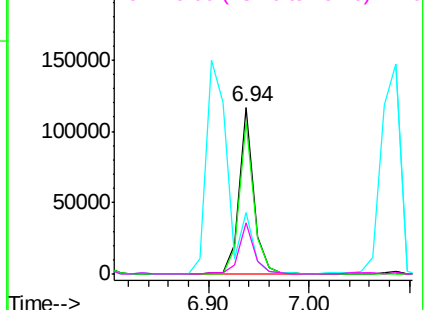
79 30.9 11.9 51.9

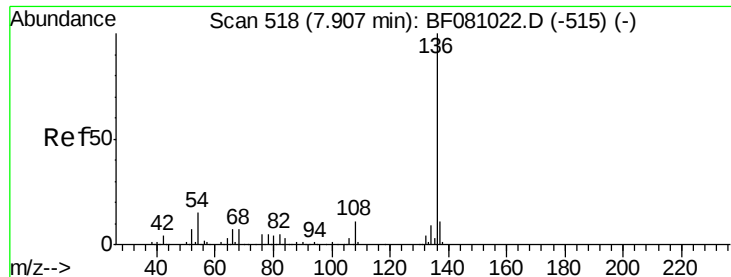
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

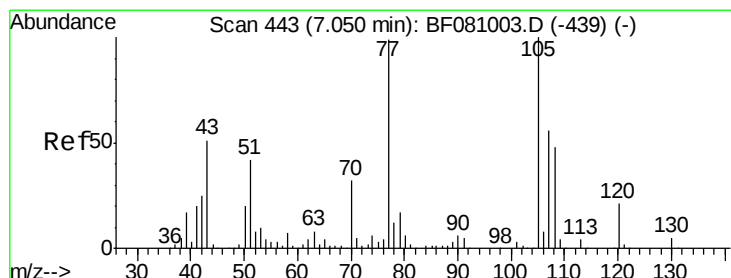
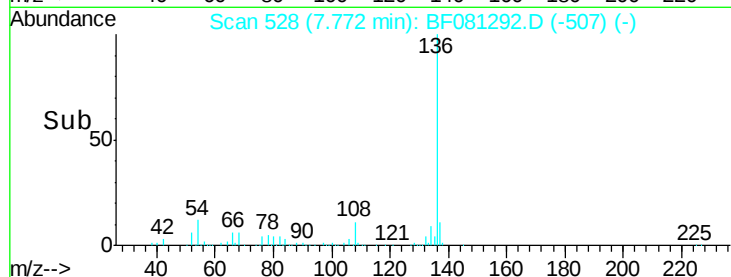
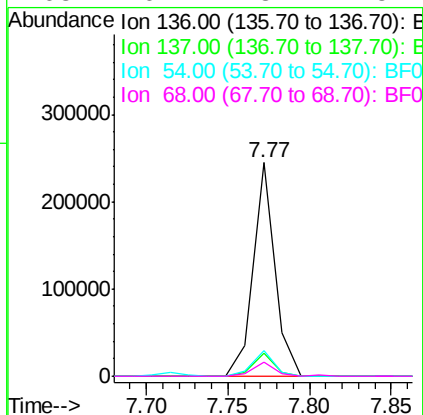
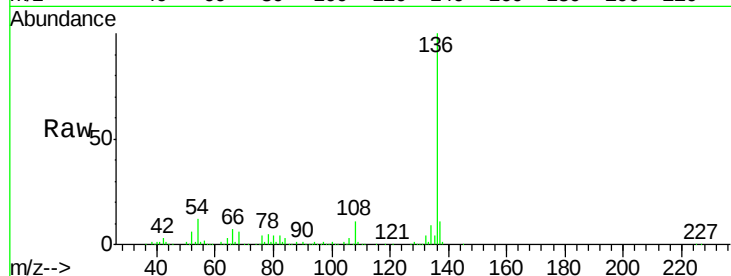




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

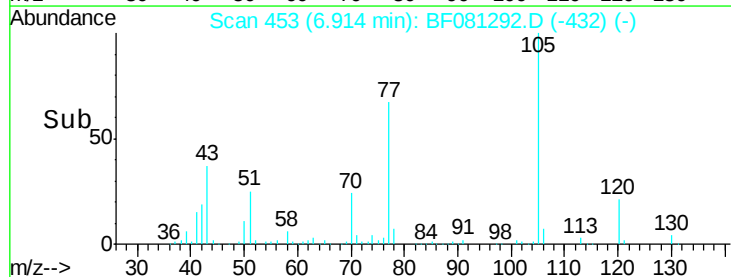
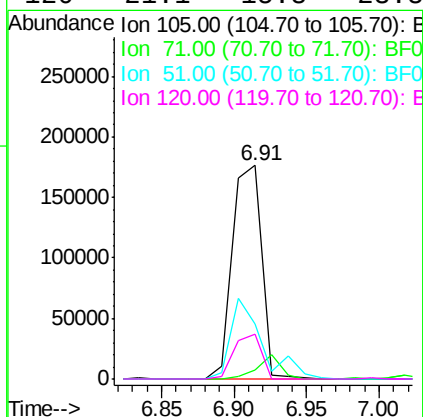
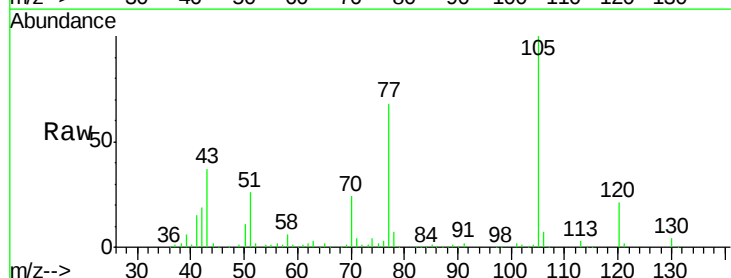
Instrument :
BNA_F
ClientSampleId :

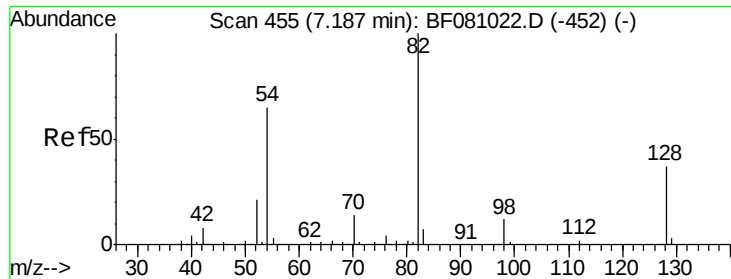
Tot Ion:136	Resp:	226401
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	12.2	7.7 11.5#
68	6.4	3.4 5.2#



#22
Acetophenone
Concen: 41.32 ng
RT: 6.91 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:105	Resp:	245615
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.0 4.6
51	25.5	39.8 59.8#
120	21.1	15.8 23.8

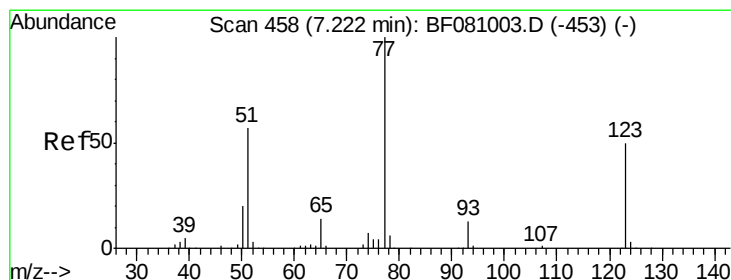
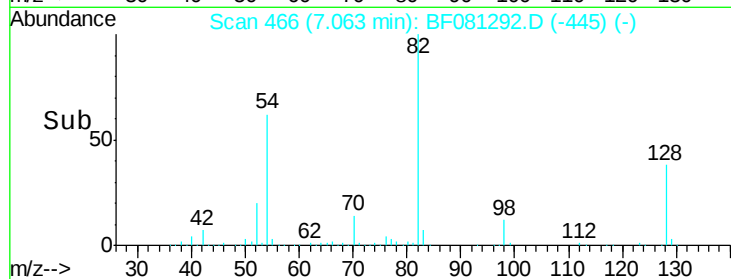
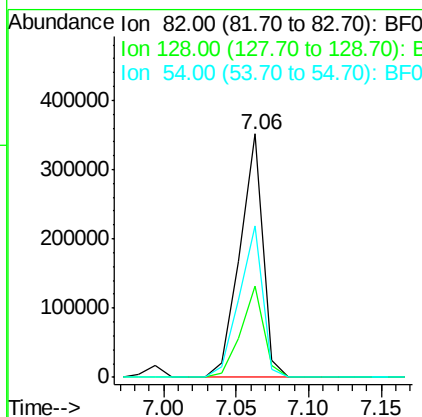
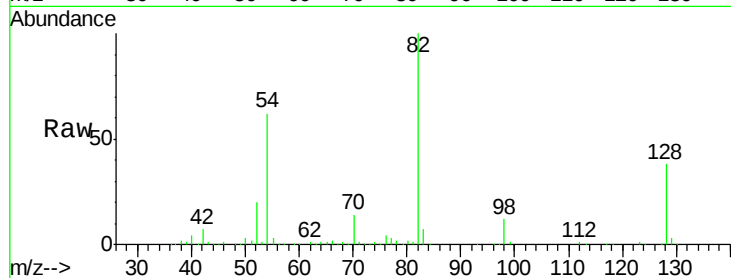




#23
 Nitrobenzene-d5
 Concen: 78.08 ng
 RT: 7.06 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

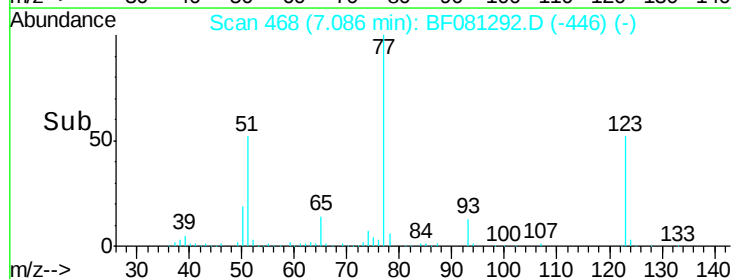
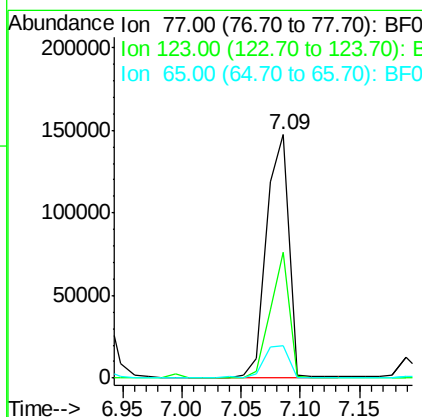
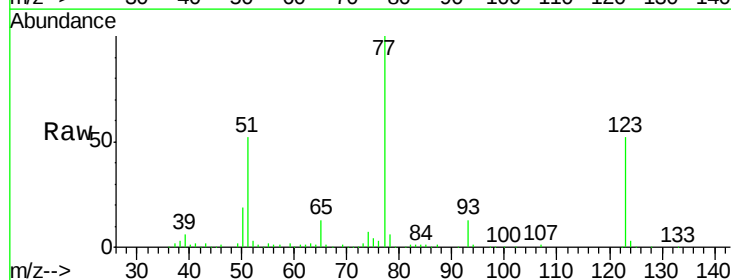
Instrument :
 BNA_F
 ClientSampleId :

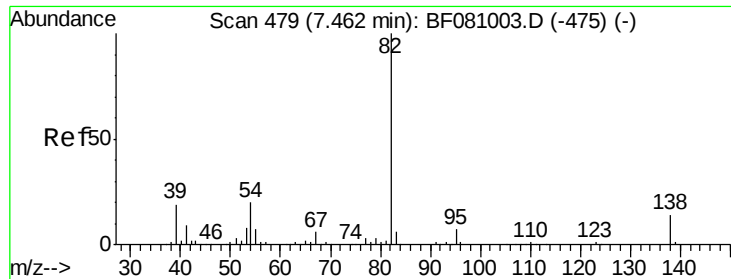
Tot Ion	82	Resp	386955
Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.6	42.8
54	62.3	55.1	82.7



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	77	Resp	195920
Ion	Ratio	Lower	Upper
77	100		
123	51.9	32.9	49.3#
65	13.5	12.5	18.7





#25

Isophorone

Concen: 36.51 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

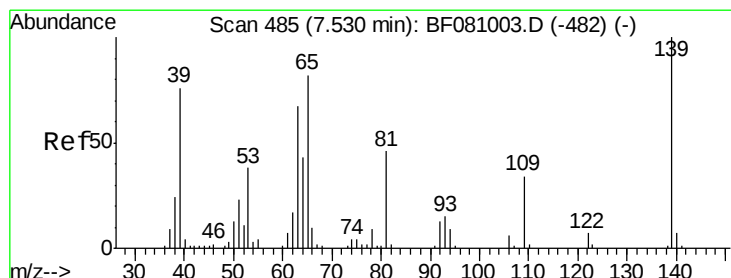
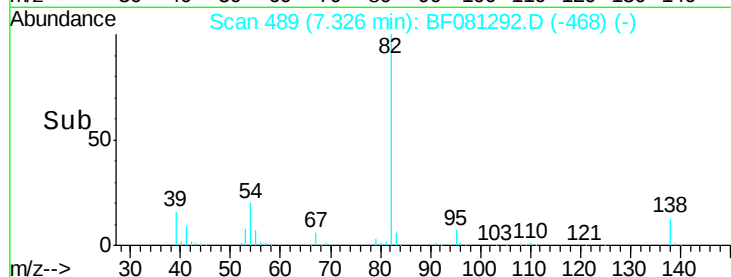
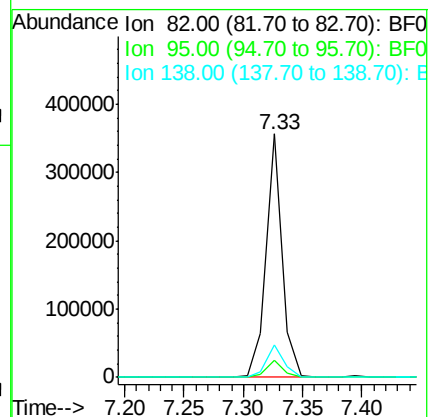
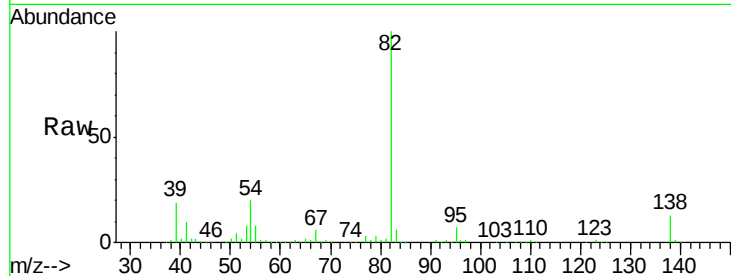
Tot Ion: 82 Resp: 337453

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 13.2 10.5 15.7



#26

2-Nitrophenol

Concen: 34.46 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

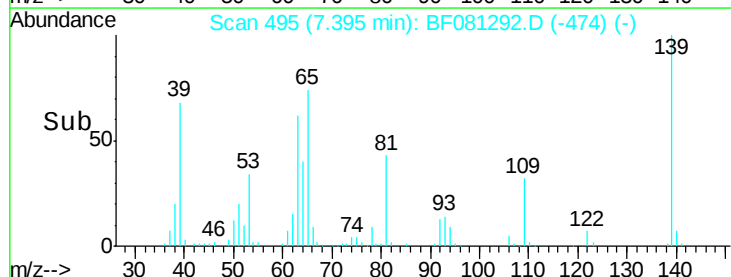
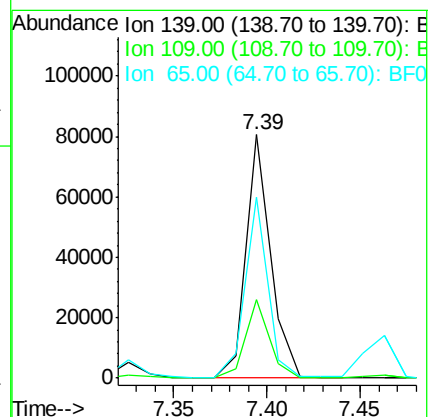
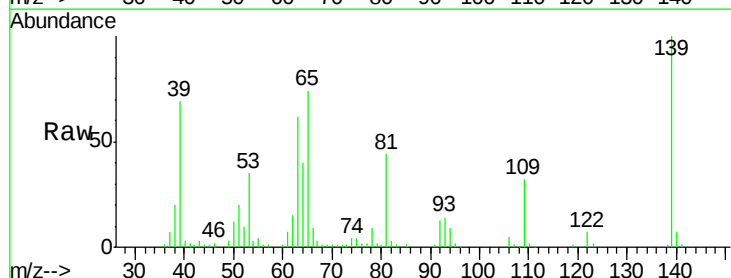
Tgt Ion: 139 Resp: 74256

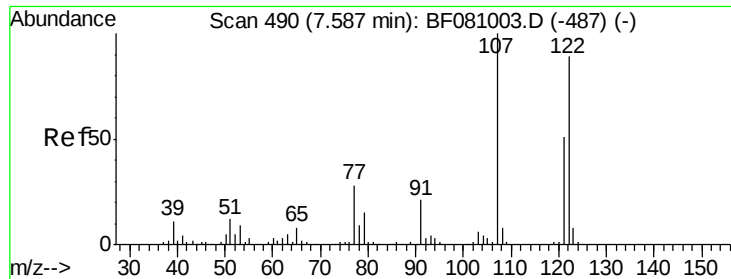
Ion Ratio Lower Upper

139 100

109 32.1 32.1 48.1

65 74.5 69.9 104.9

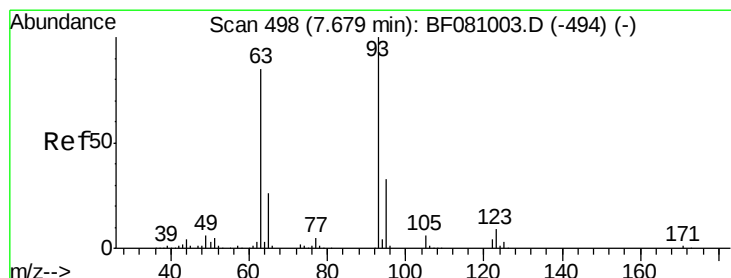
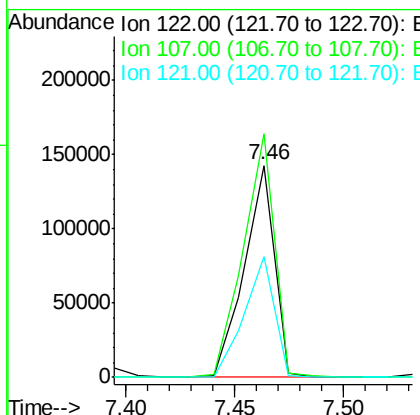
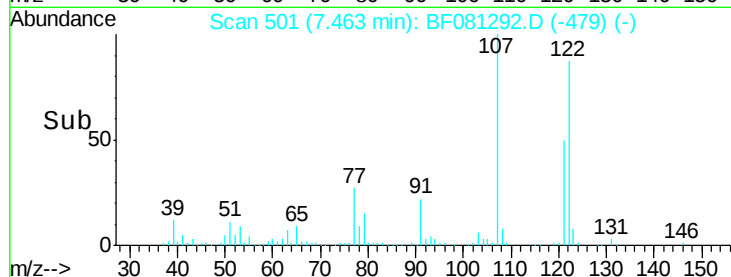
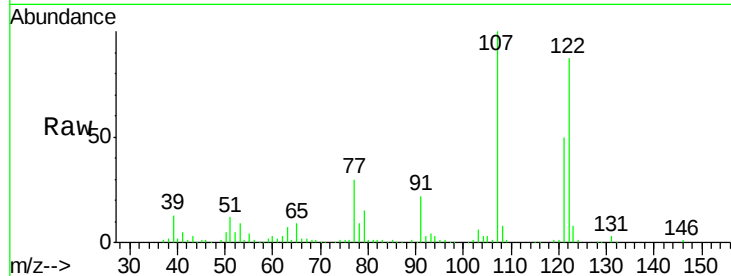




#27
 2,4-Dimethylphenol
 Concen: 36.15 ng
 RT: 7.46 min Scan# 501
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

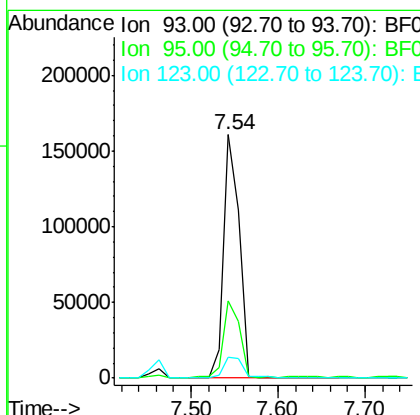
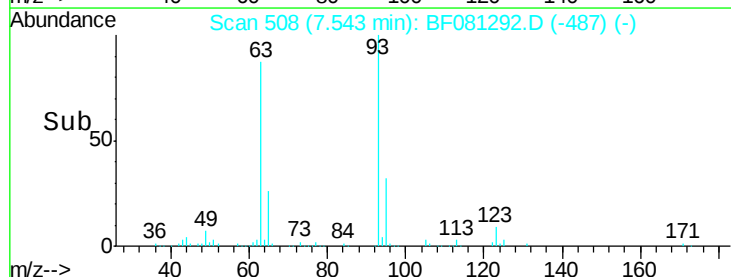
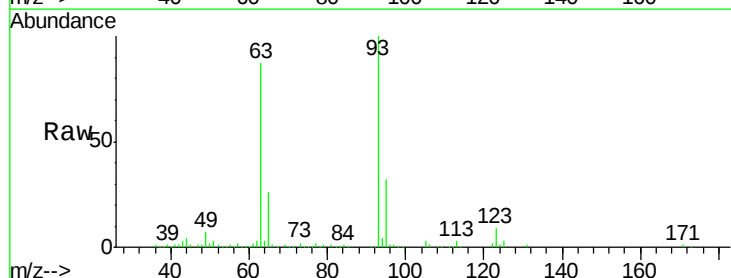
Instrument :
 BNA_F
 ClientSampleId :

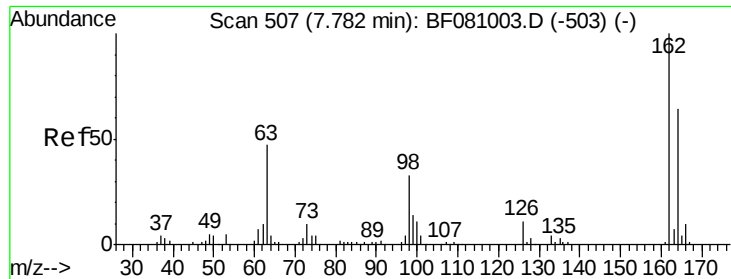
Tot Ion:122 Resp: 137830
 Ion Ratio Lower Upper
 122 100
 107 114.9 103.8 155.6
 121 57.1 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.00 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion: 93 Resp: 202042
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.8 38.8
 123 8.5 7.4 11.0

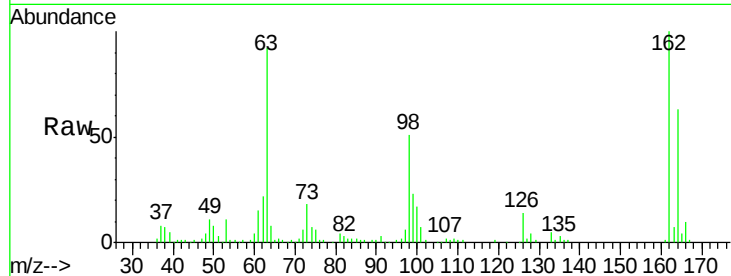




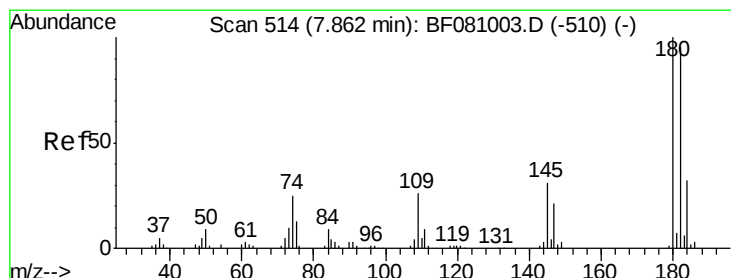
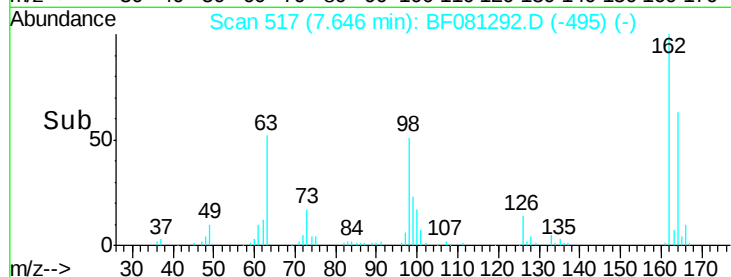
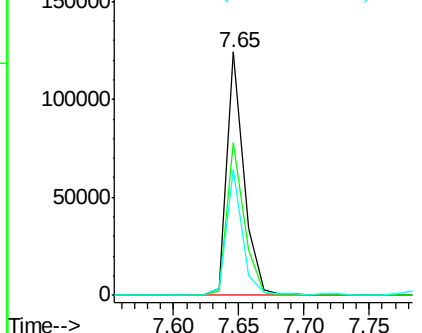
#29
2,4-Dichlorophenol
Concen: 35.53 ng
RT: 7.65 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	51.5	12.3	52.3

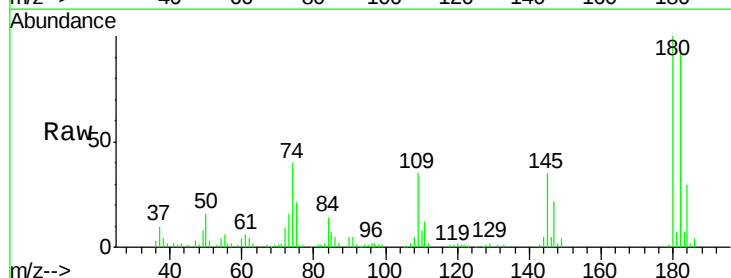


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

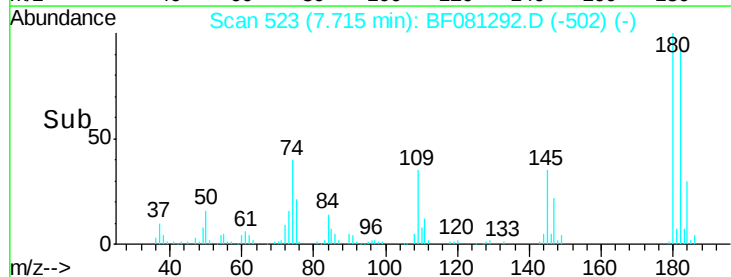
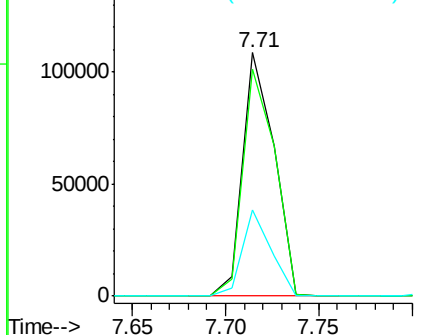


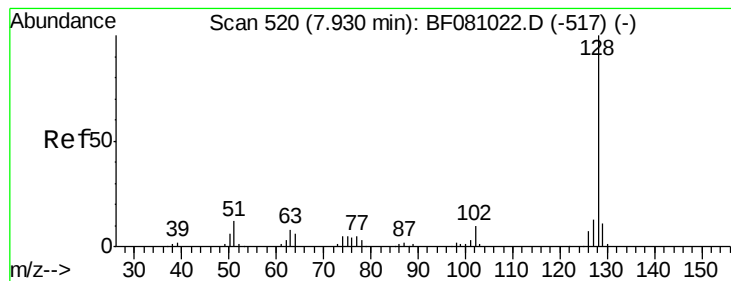
#30
1,2,4-Trichlorobenzene
Concen: 35.61 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.4	114.6
145	35.3	25.4	38.2



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





#31

Naphthalene

Concen: 36.38 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

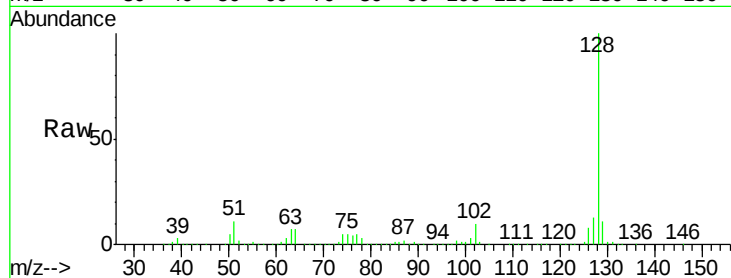
Tot Ion:128 Resp: 459136

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

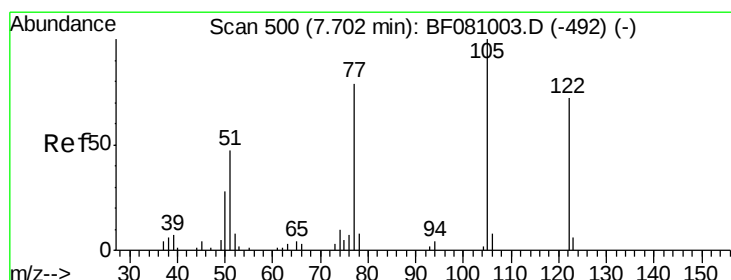
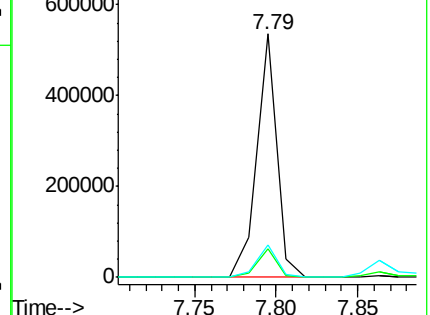
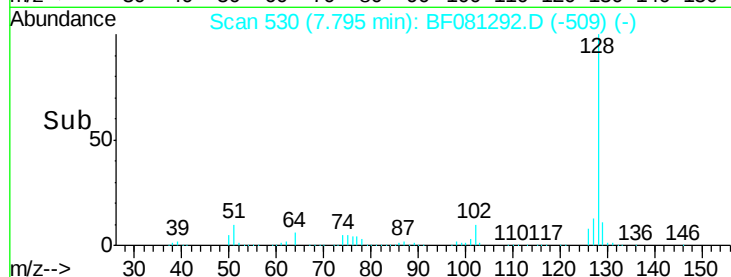
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.05 ng

RT: 7.59 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

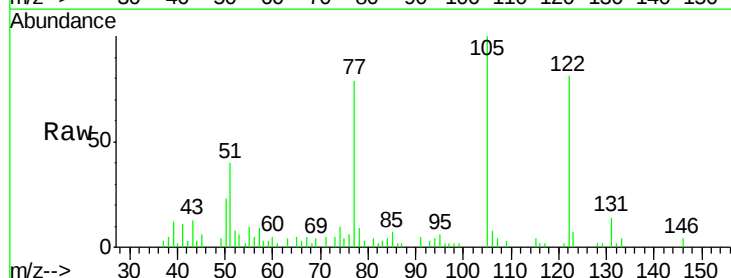
Tgt Ion:122 Resp: 34423

Ion Ratio Lower Upper

122 100

105 123.2 113.8 153.8

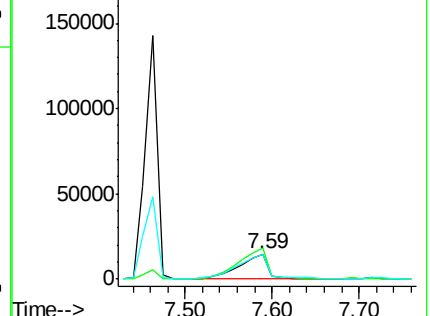
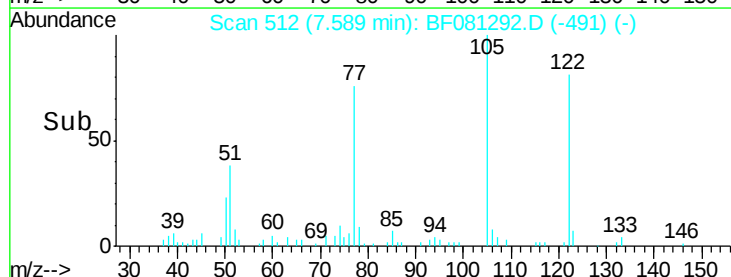
77 96.9 93.8 133.8

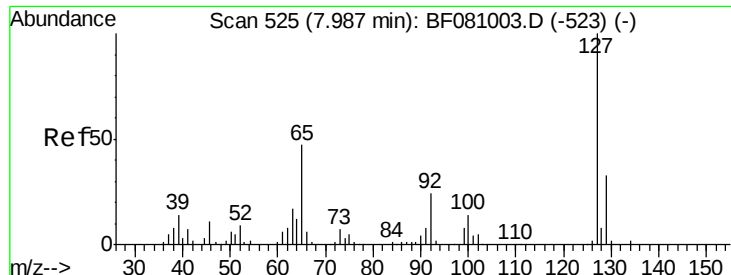


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

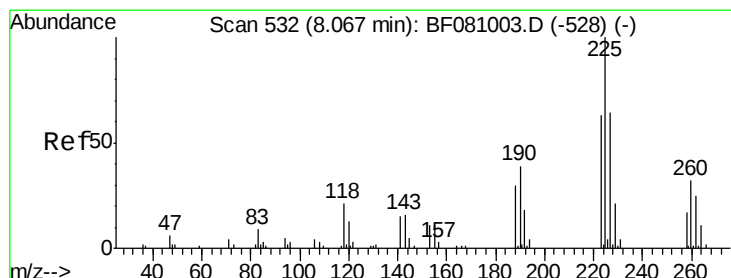
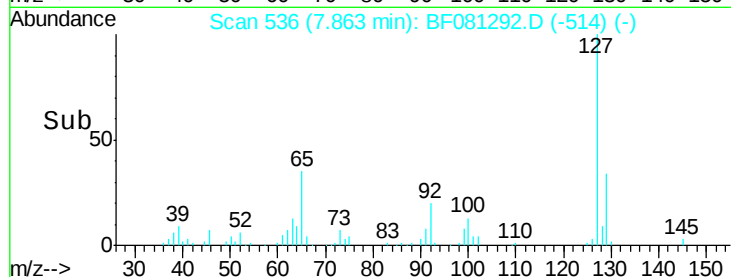
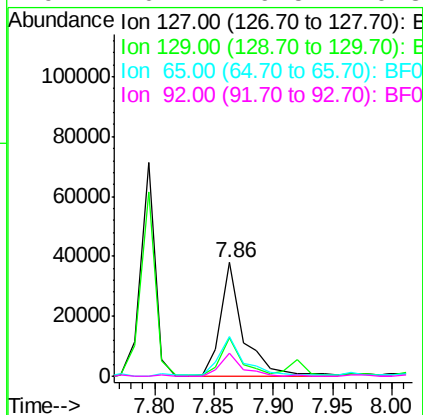
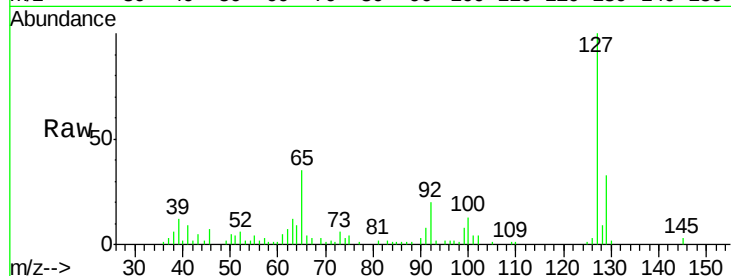




#33
4-Chloroaniline
Concen: 9.66 ng
RT: 7.86 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

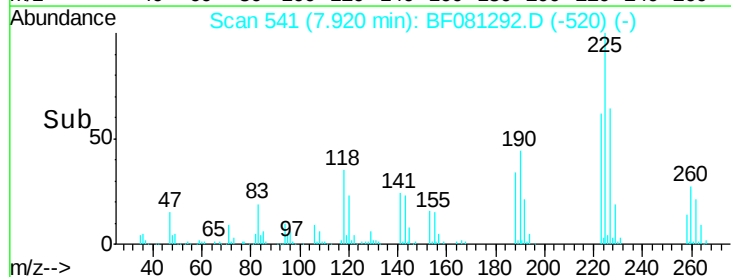
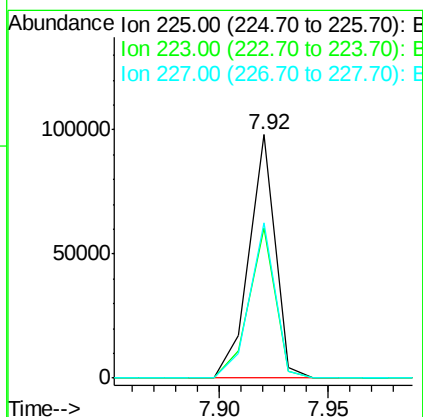
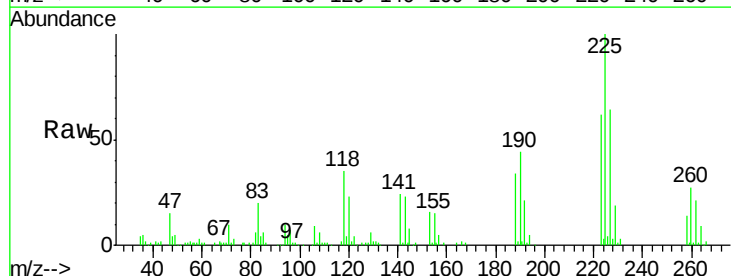
Instrument :
BNA_F
ClientSampled :

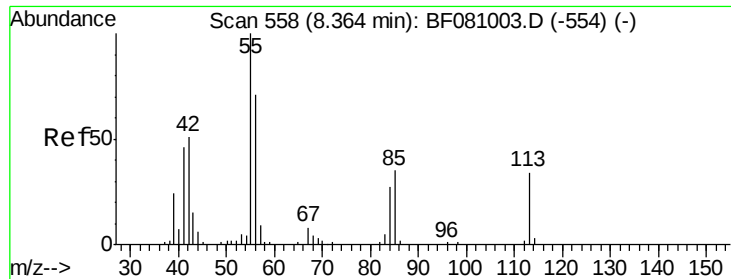
Tot Ion:	127	Resp:	51428
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.2	37.8
65	34.7	37.8	56.6#
92	20.1	19.5	29.3



#34
Hexachlorobutadiene
Concen: 40.66 ng
RT: 7.92 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:	225	Resp:	82030
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.6	79.0
227	63.7	51.1	76.7

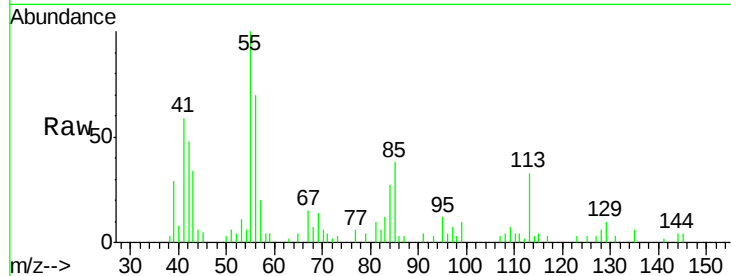




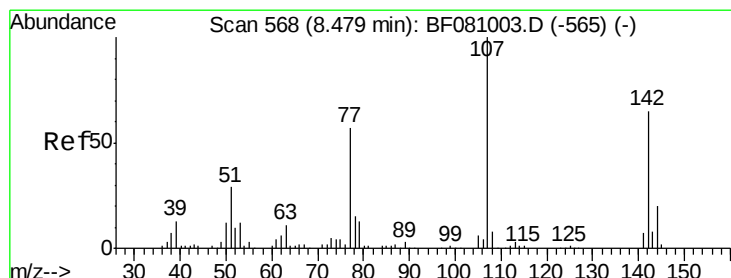
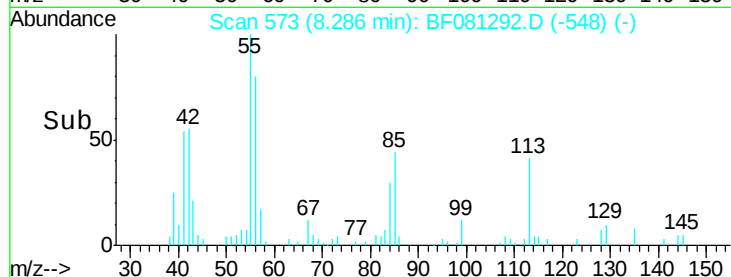
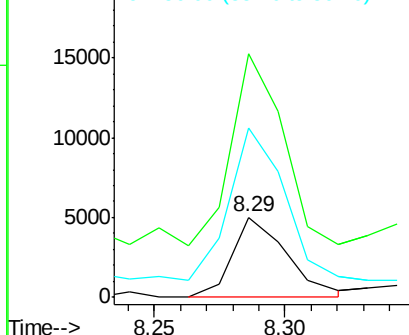
#35
Caprolactam
Concen: 6.60 ng
RT: 8.29 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 7403
Ion Ratio Lower Upper
113 100
55 302.9 280.4 320.4
56 210.9 205.9 245.9

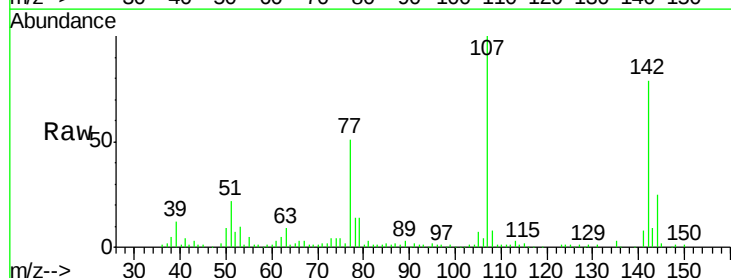


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

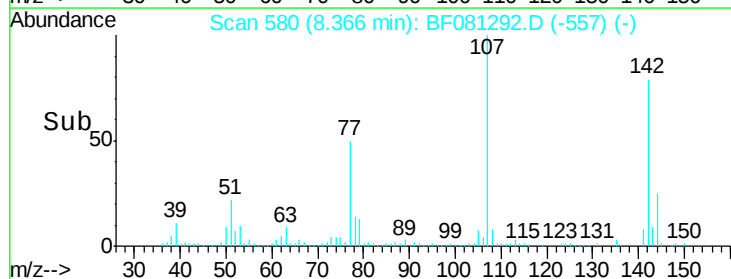
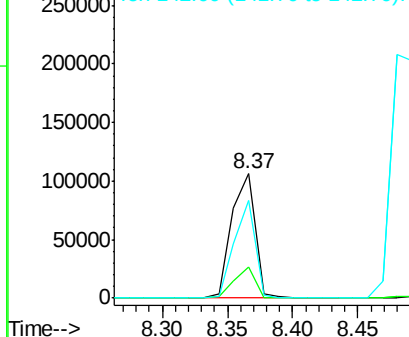


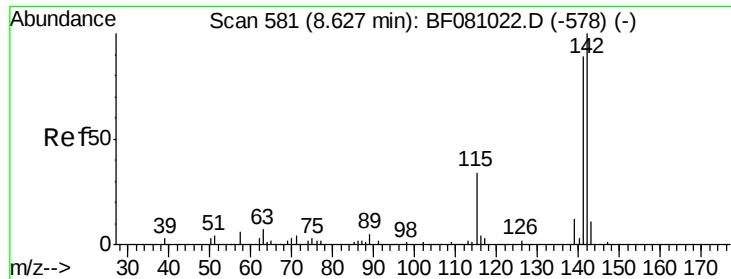
#36
4-Chloro-3-methylphenol
Concen: 34.28 ng
RT: 8.37 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:107 Resp: 131148
Ion Ratio Lower Upper
107 100
144 24.7 17.2 25.8
142 79.2 54.9 82.3



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

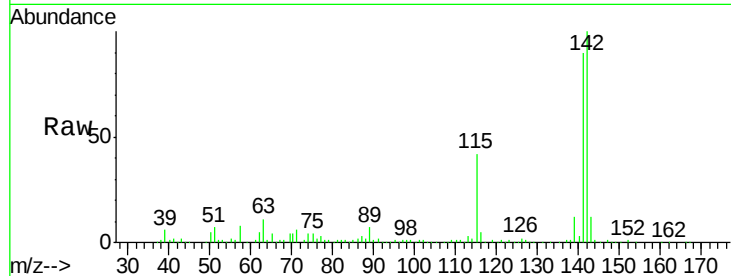




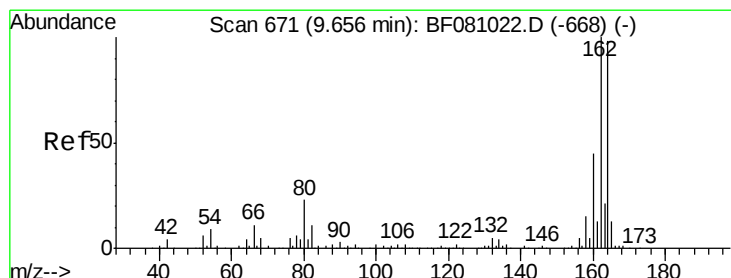
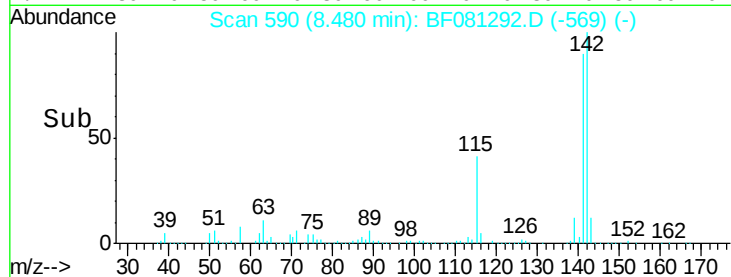
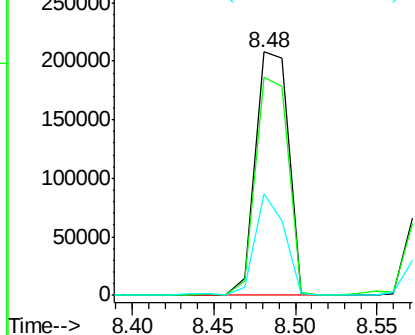
#37
 2-Methylnaphthalene
 Concen: 36.82 ng
 RT: 8.48 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	41.8	33.4	50.0

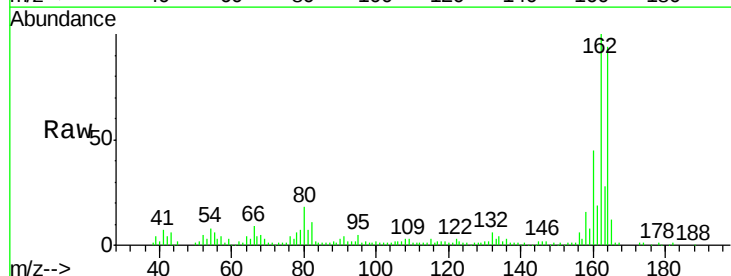


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

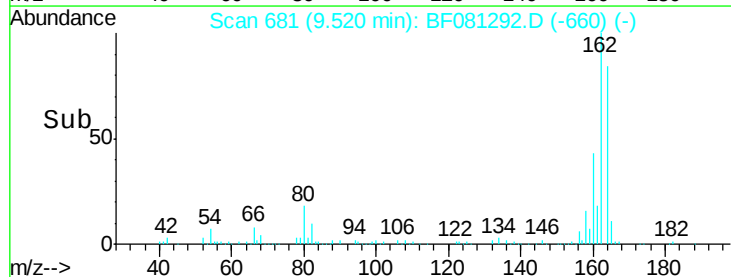
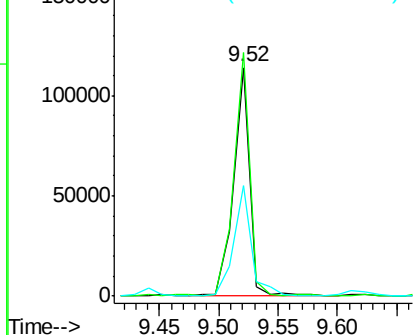


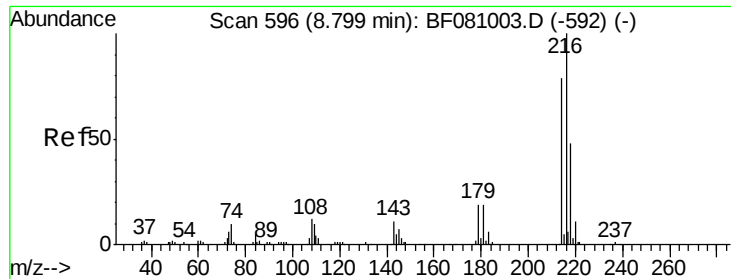
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.8	125.8
160	48.3	39.8	59.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.15 ng

RT: 8.65 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF081292.D

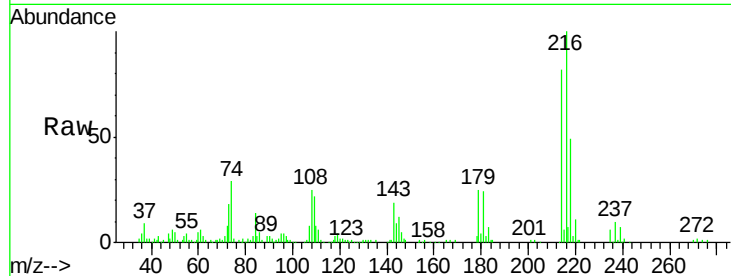
Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	112459
Ion Ratio		Lower	Upper
216	100		
214	81.4	63.8	95.8
179	24.0	17.8	26.8
108	27.2	16.2	24.2#

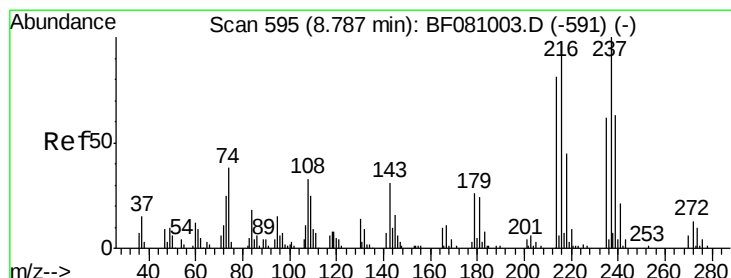
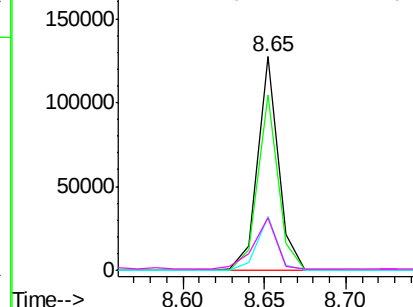
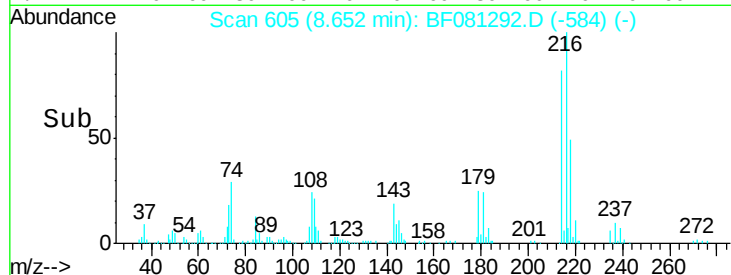


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.57 ng

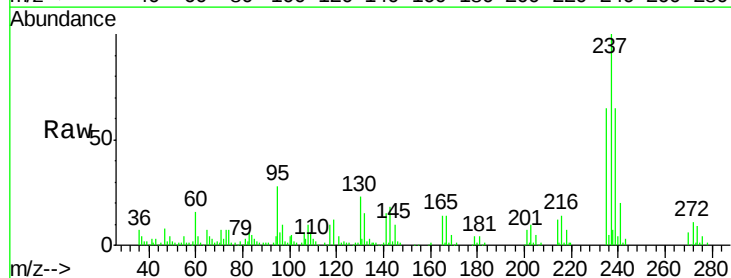
RT: 8.64 min Scan# 604

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

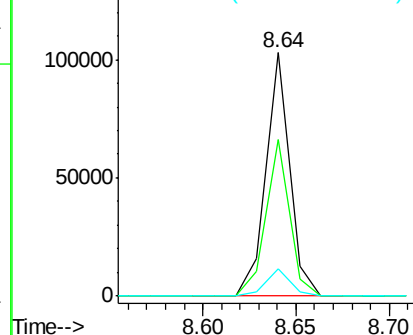
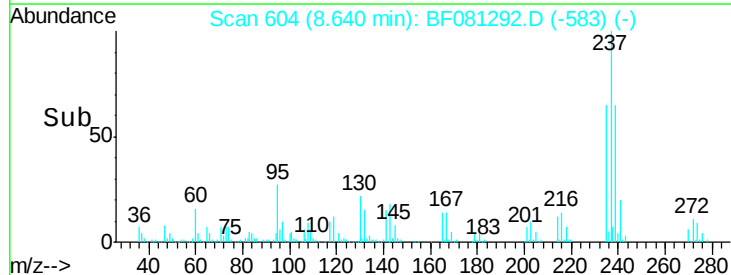
Tgt Ion:	237	Resp:	90561
Ion Ratio		Lower	Upper
237	100		
235	64.5	43.6	83.6
272	11.0	0.0	32.2

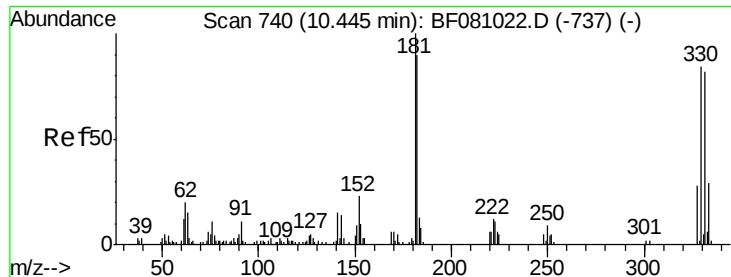


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 95.38 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :

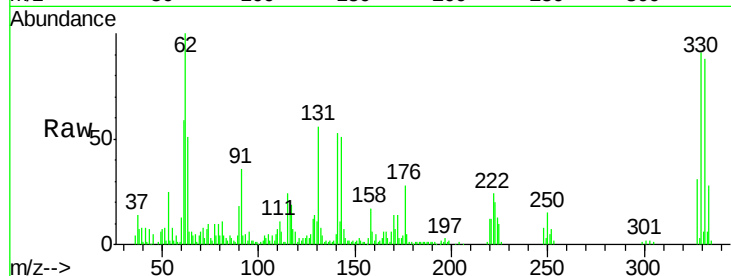
Tot Ion:330 Resp: 86932

Ion Ratio Lower Upper

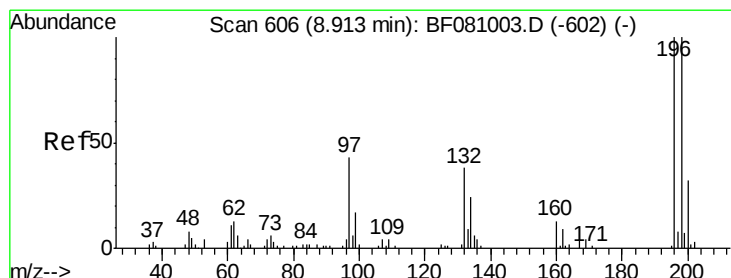
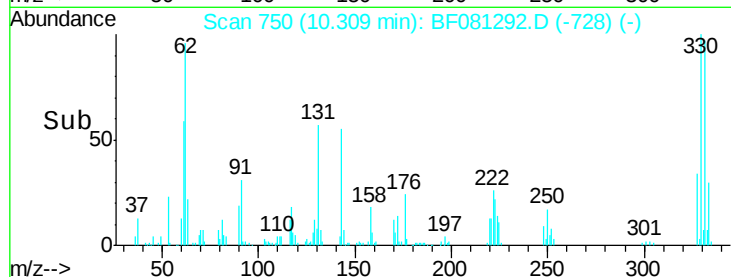
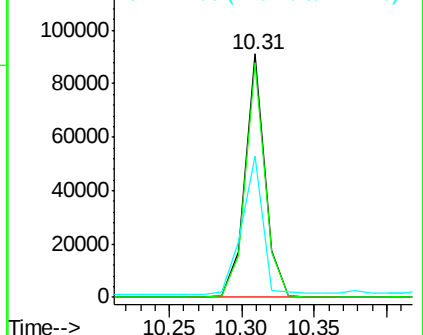
330 100

332 96.2 77.3 115.9

141 59.8 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 36.29 ng

RT: 8.78 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

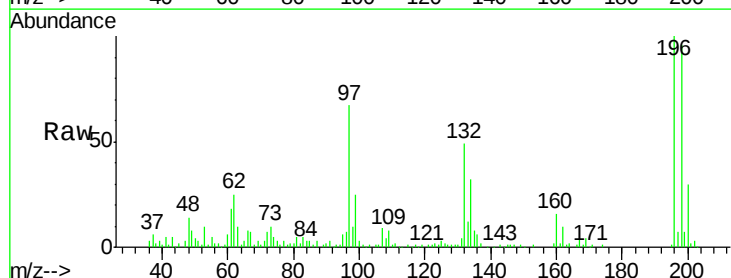
Tgt Ion:196 Resp: 86971

Ion Ratio Lower Upper

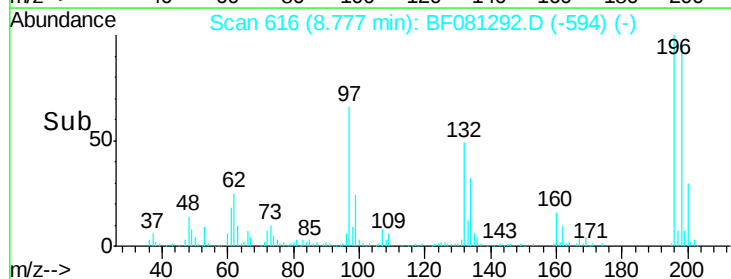
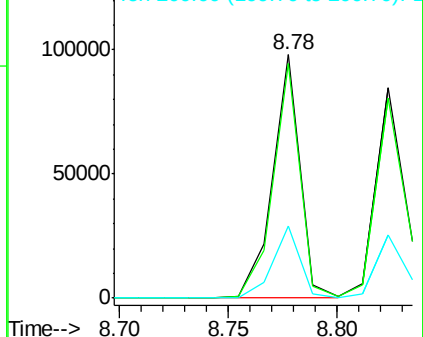
196 100

198 96.3 74.6 111.8

200 29.6 22.7 34.1



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

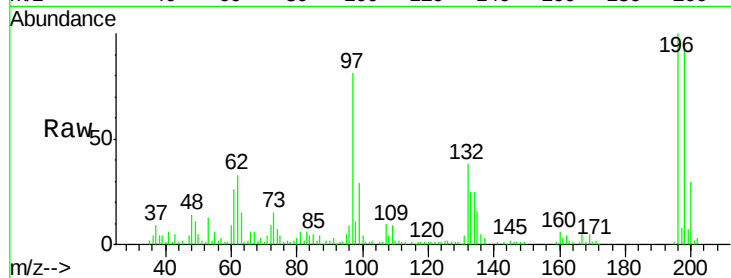




#43
 2,4,5-Trichlorophenol
 Concen: 32.96 ng
 RT: 8.82 min Scan# 620
 Delta R.T. -0.04 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.7	78.3	117.5	
97	81.0	42.7	64.1	#
132	37.9	23.3	34.9	#



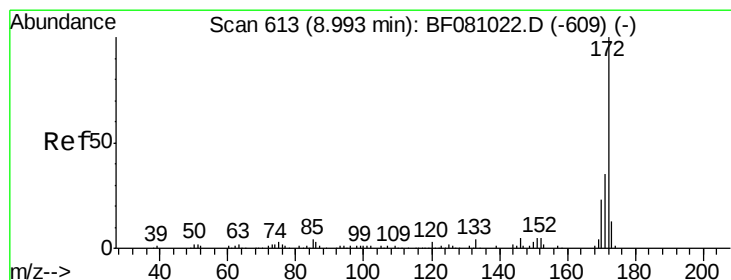
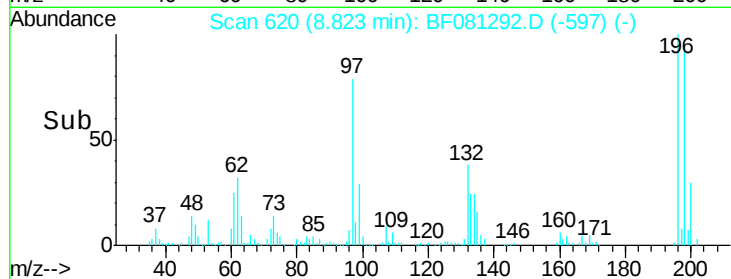
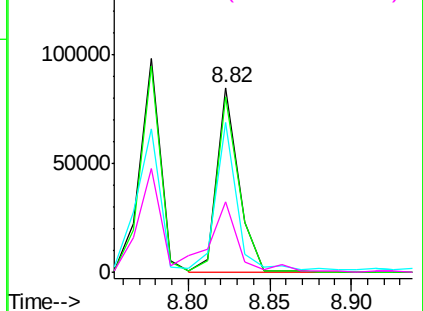
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

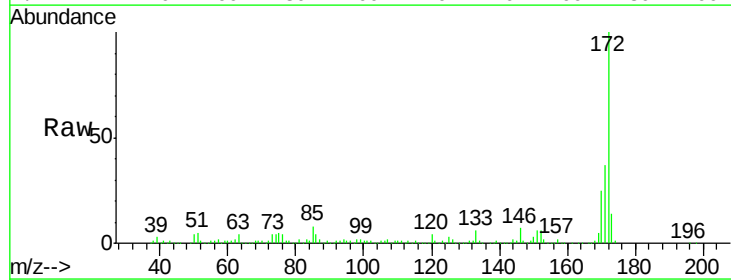
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.11 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	28.9	43.3	
170	25.2	19.4	29.2	

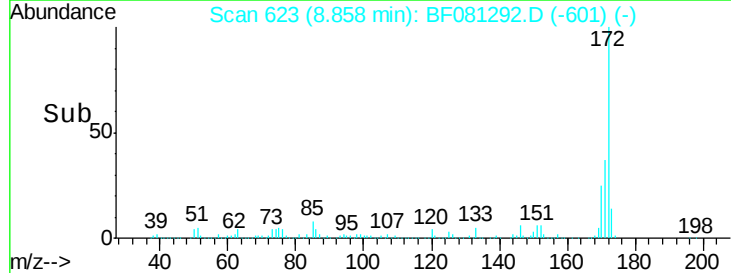
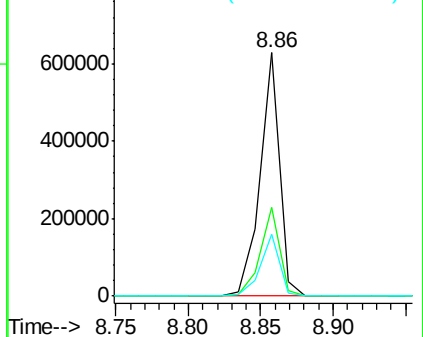


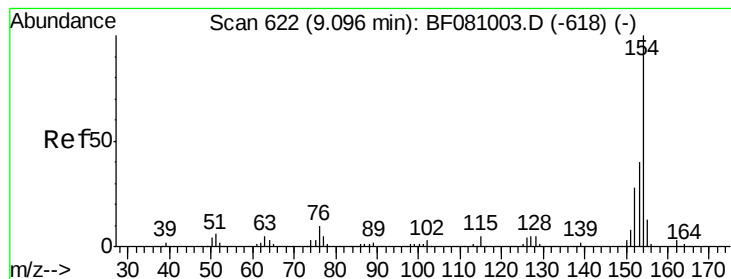
Abundance

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: 36.03 ng

RT: 8.95 min Scan# 631

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

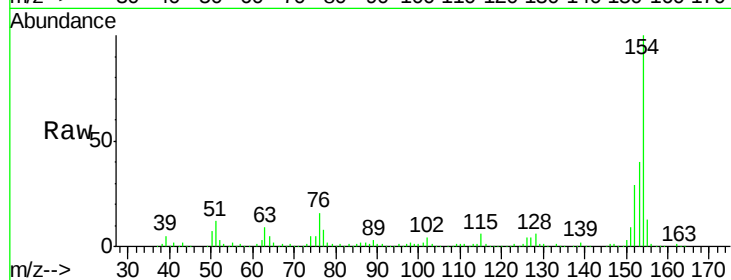
Tot Ion:154 Resp: 333688

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

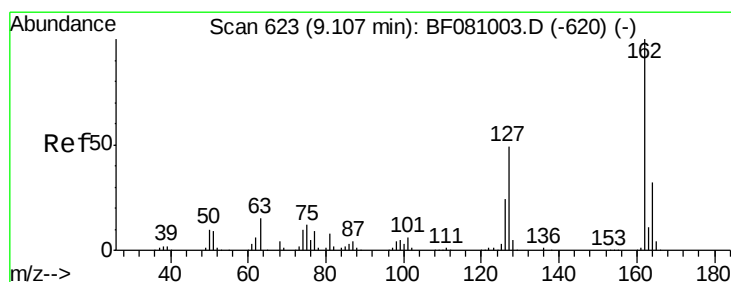
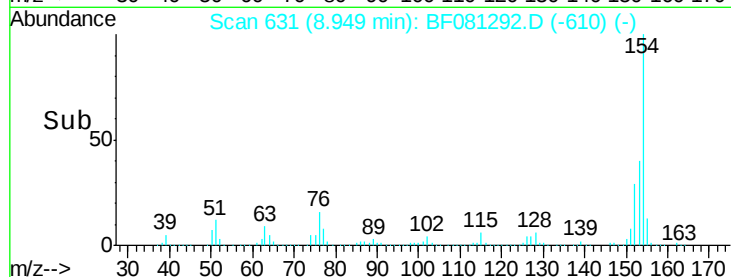
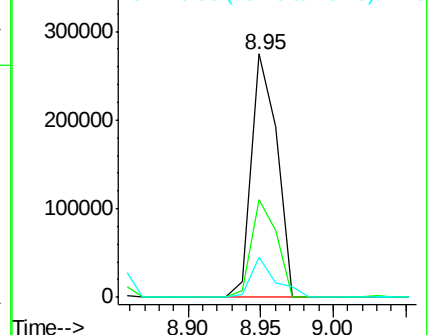
76 16.5 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.87 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

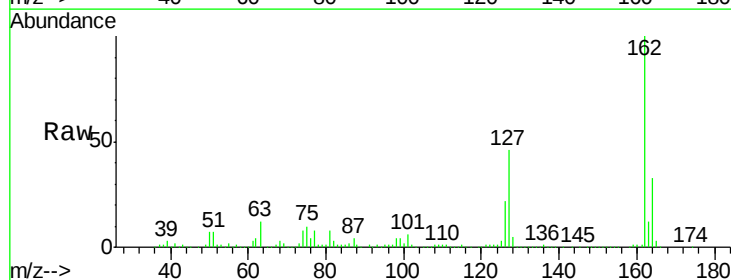
Tgt Ion:162 Resp: 266881

Ion Ratio Lower Upper

162 100

127 46.3 31.3 46.9

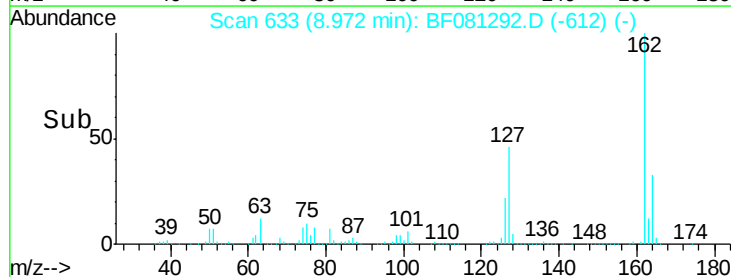
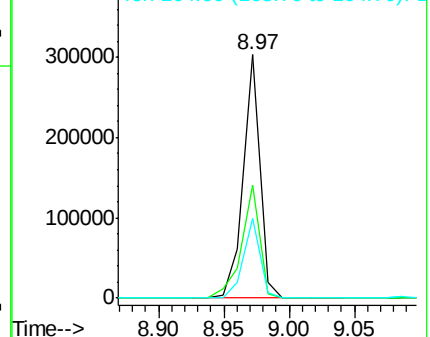
164 32.7 26.3 39.5

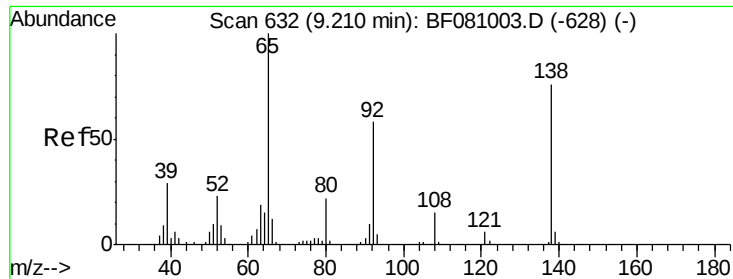


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

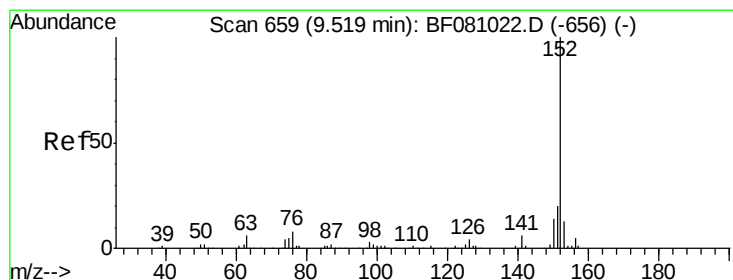
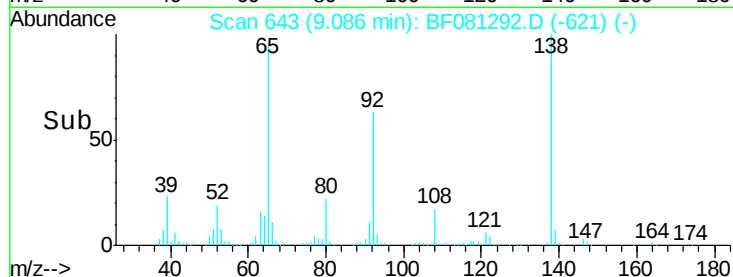
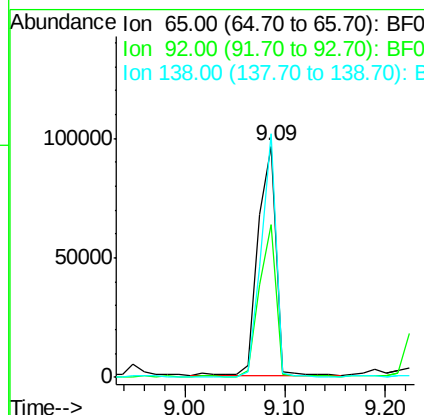
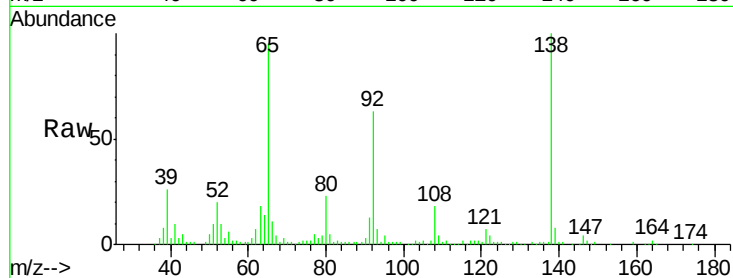




#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.09 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

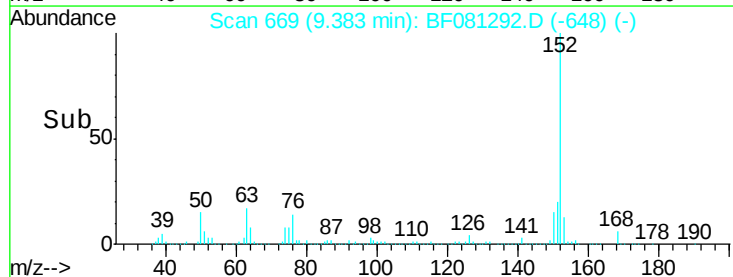
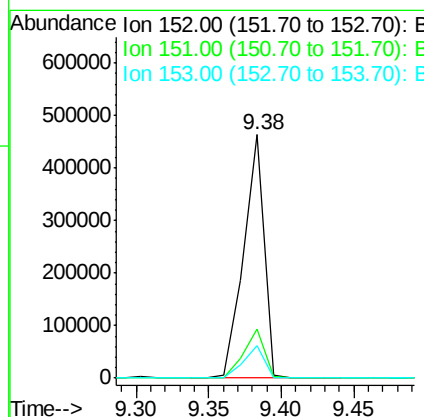
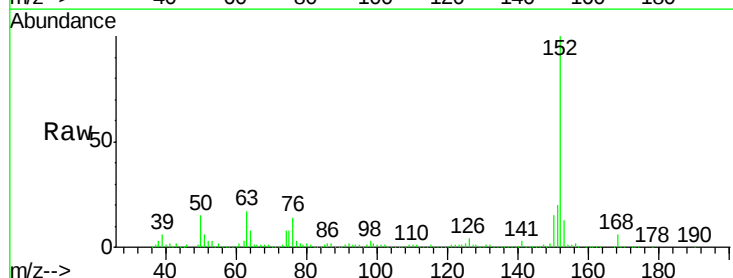
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 118672
Ion Ratio Lower Upper
65 100
92 66.3 45.6 68.4
138 105.4 57.9 86.9#



#48
Acenaphthylene
Concen: 34.33 ng
RT: 9.38 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion: 152 Resp: 456978
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 9.8 14.6

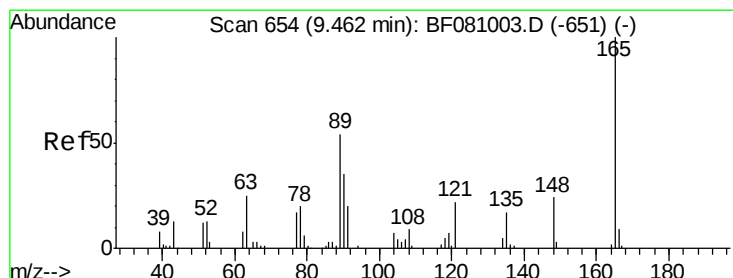
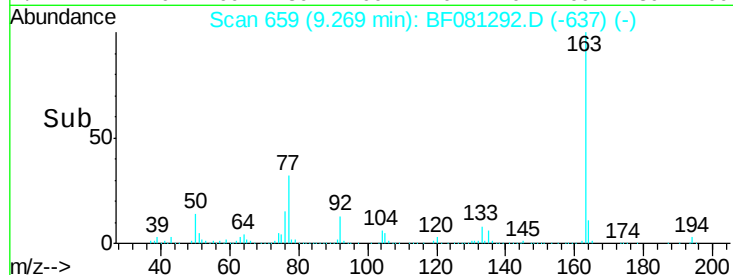
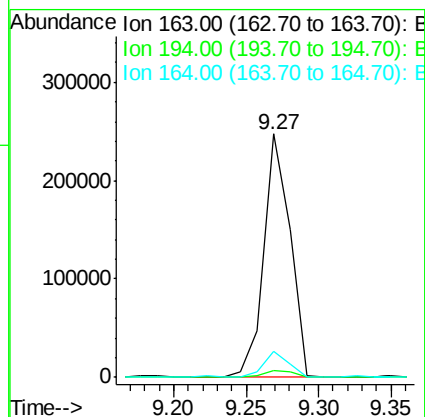
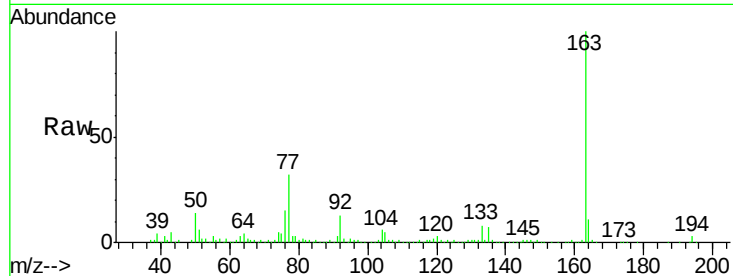




#49
Dimethylphthalate
Concen: 35.55 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

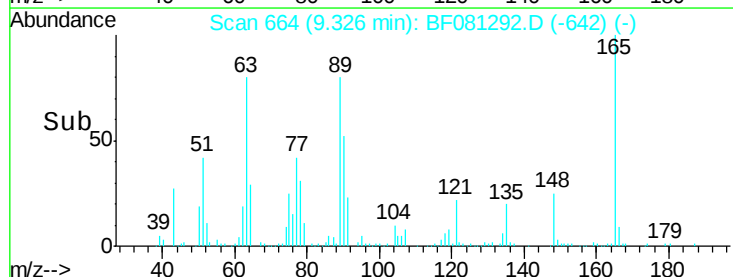
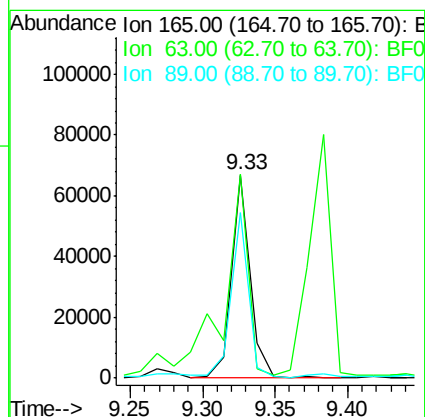
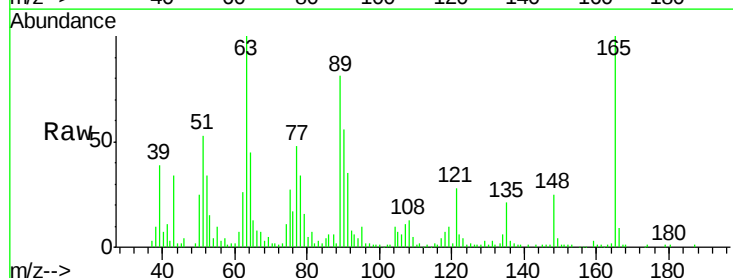
Instrument :
BNA_F
ClientSampleId :

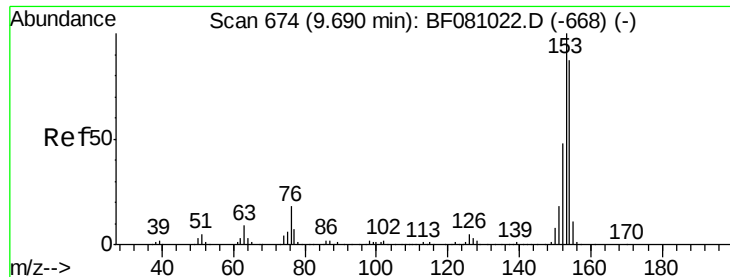
Tot Ion:163 Resp: 307869
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.8 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 32.06 ng
RT: 9.33 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:165 Resp: 59609
Ion Ratio Lower Upper
165 100
63 100.0 49.5 74.3#
89 81.5 47.6 71.4#





#51

Acenaphthene

Concen: 34.86 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

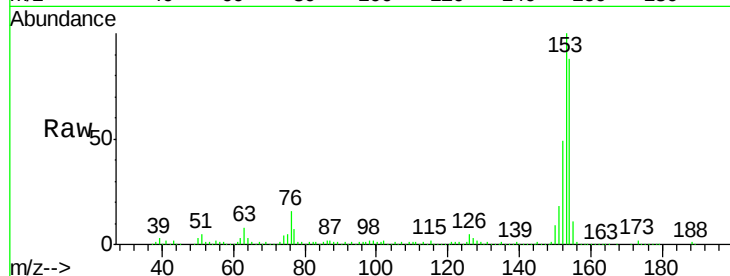
Tot Ion:154 Resp: 277777

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

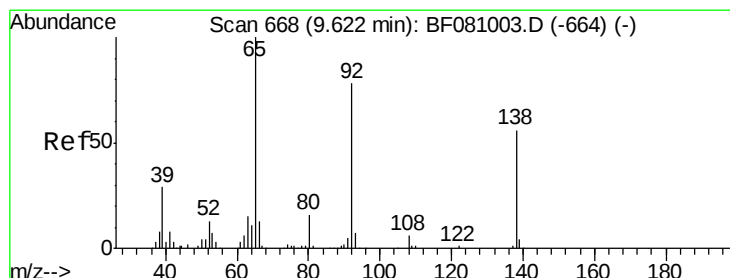
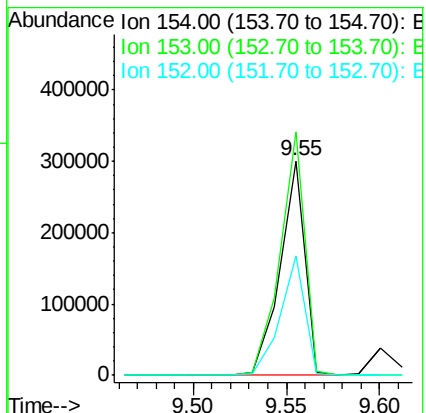
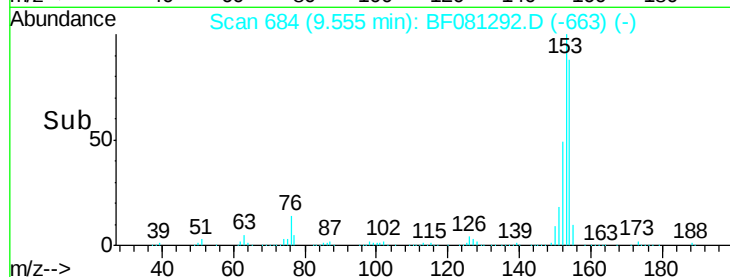
152 55.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.48 ng

RT: 9.50 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

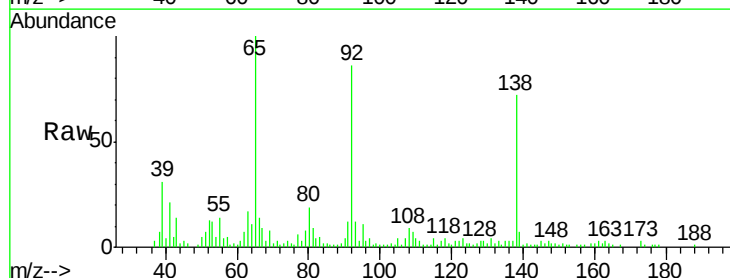
Tgt Ion:138 Resp: 36007

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.2

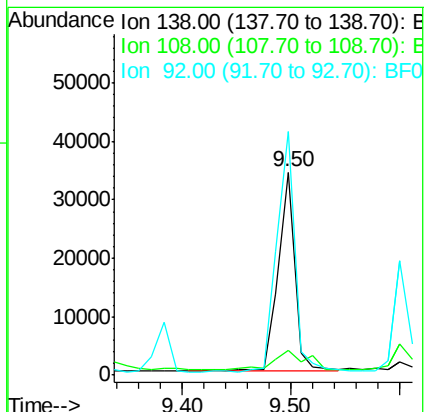
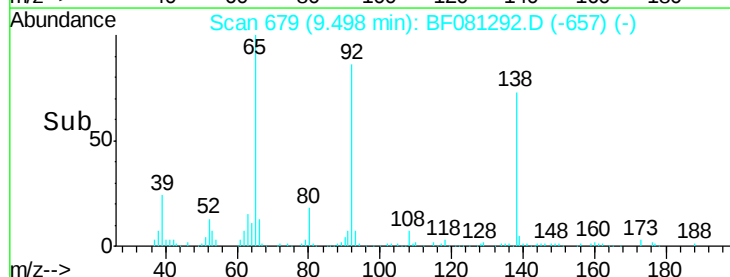
92 119.9 113.2 169.8

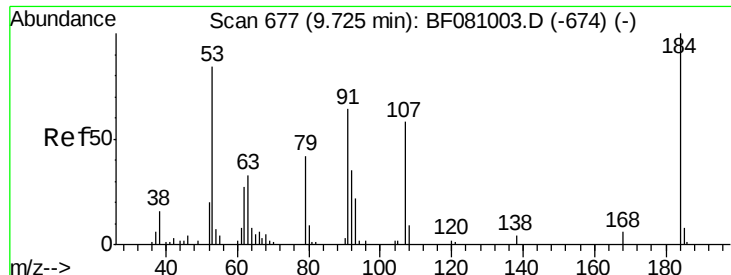


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

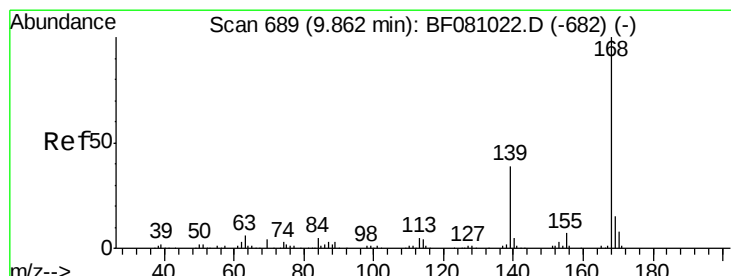
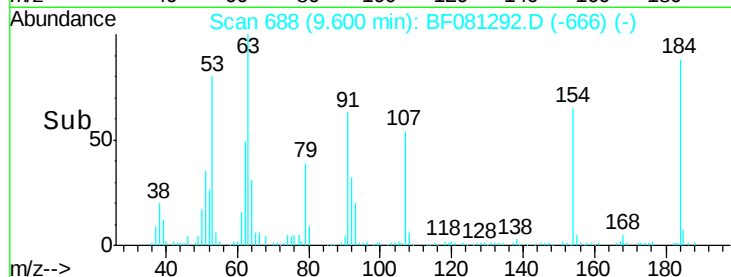
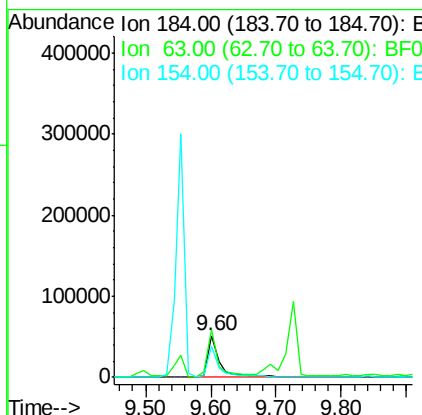
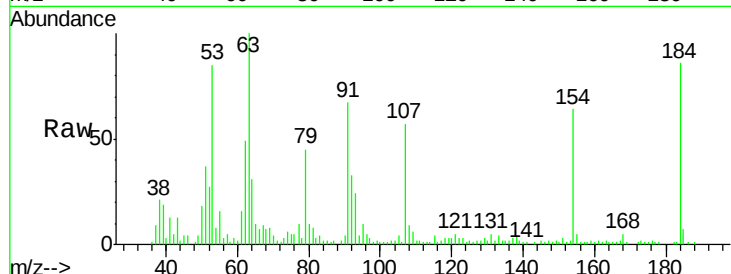




#53
2,4-Dinitrophenol
Concen: 70.15 ng
RT: 9.60 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

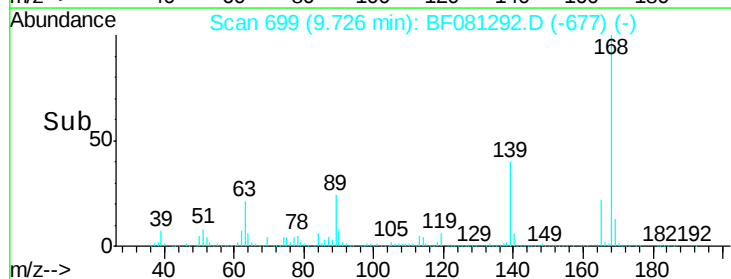
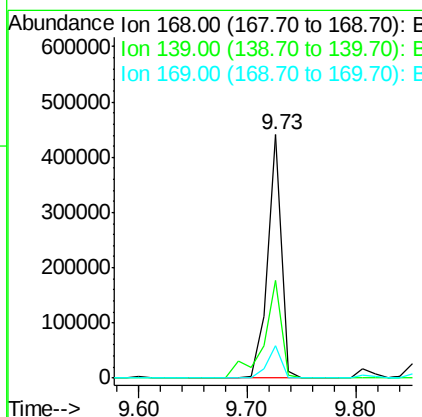
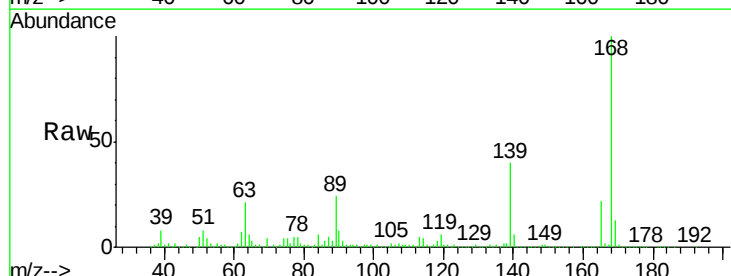
Instrument :
BNA_F
ClientSampleId :

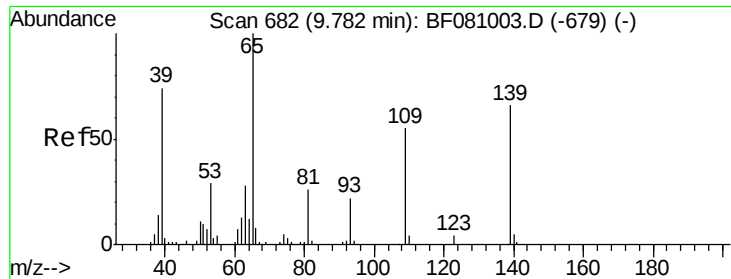
Tot Ion:184 Resp: 70693
Ion Ratio Lower Upper
184 100
63 115.9 101.7 152.5
154 74.6 67.4 101.0



#54
Dibenzofuran
Concen: 36.77 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion:168 Resp: 392569
Ion Ratio Lower Upper
168 100
139 40.2 29.3 43.9
169 13.5 10.3 15.5

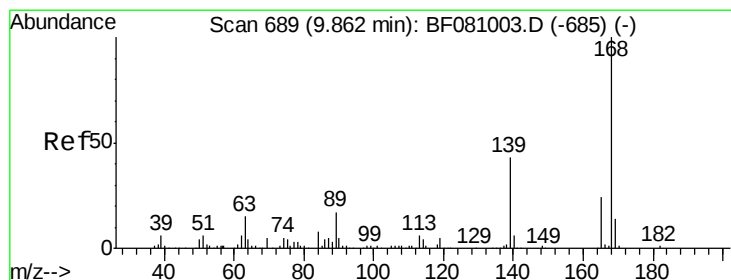
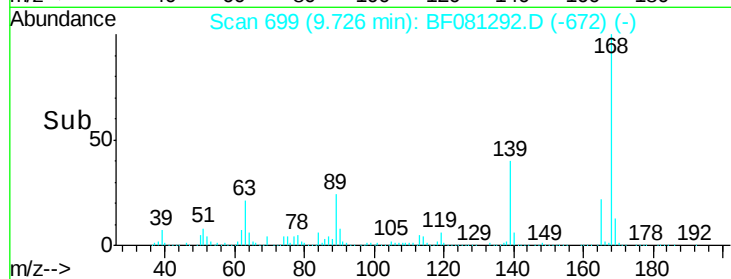
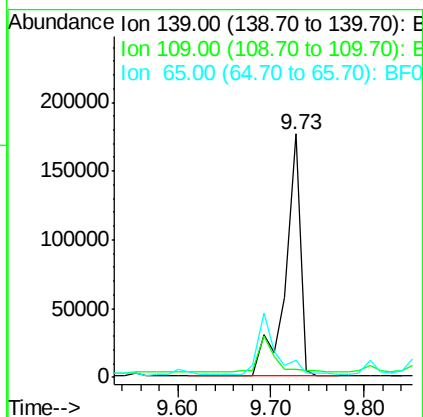
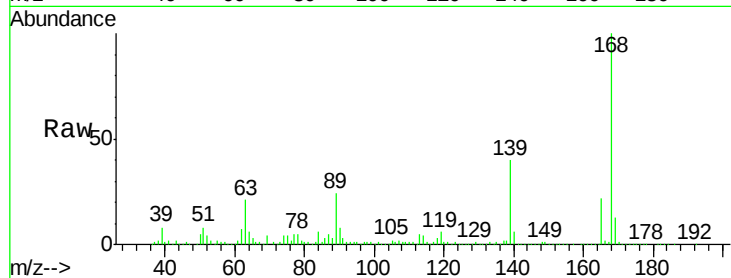




#55
4-Nitrophenol
Concen: 120.87 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

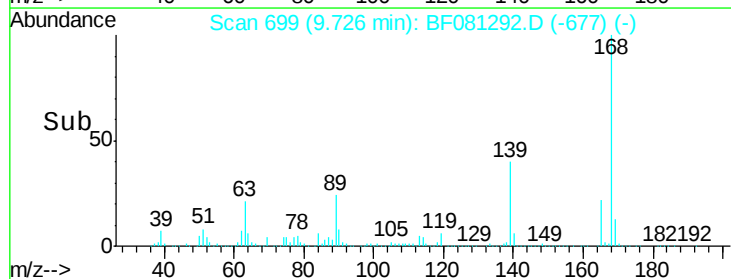
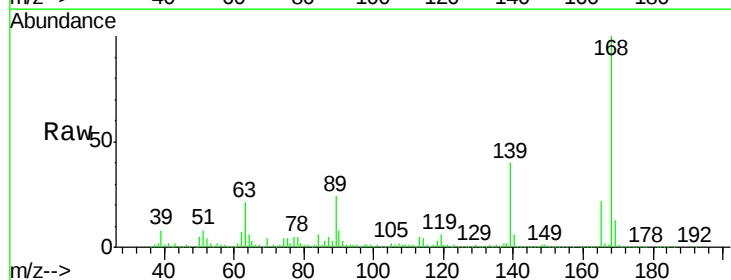
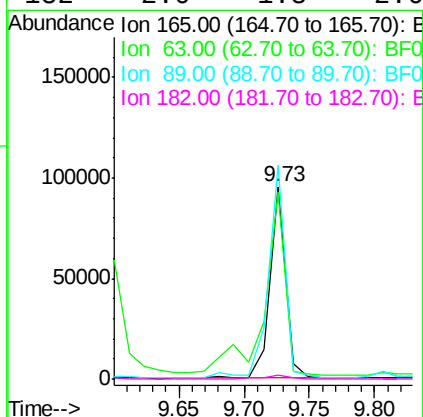
Instrument :
BNA_F
ClientSampleId :

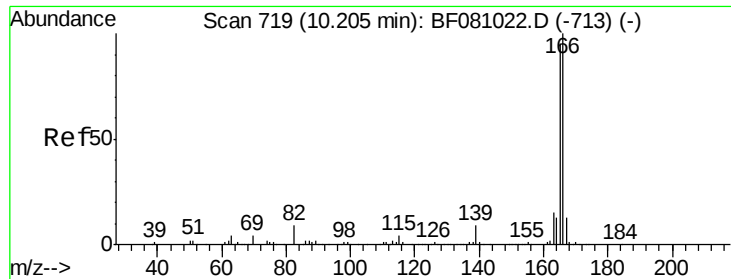
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.3	80.0	120.0#
65	6.7	138.3	178.3#



#56
2,4-Dinitrotoluene
Concen: 33.56 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	97.2	52.2	78.4#
89	110.9	60.1	90.1#
182	2.0	1.8	2.6





#57

Fluorene

Concen: 35.70 ng

RT: 10.07 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

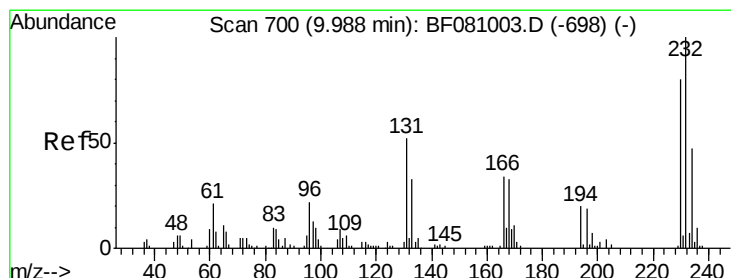
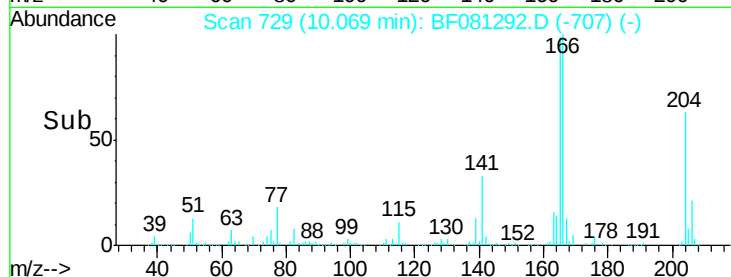
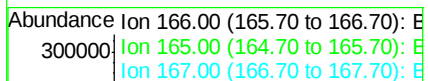
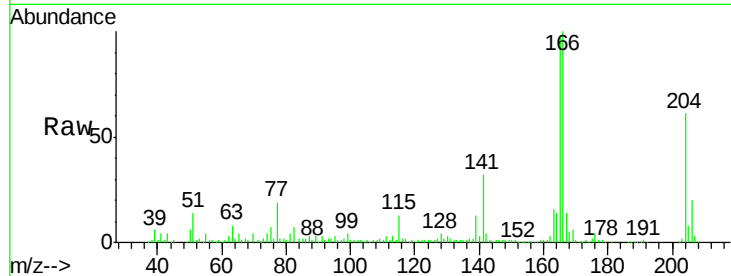
Tot Ion:166 Resp: 293248

Ion Ratio Lower Upper

166 100

165 97.0 75.8 113.8

167 13.6 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.96 ng

RT: 9.81 min Scan# 706

Delta R.T. -0.09 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:232 Resp: 59259

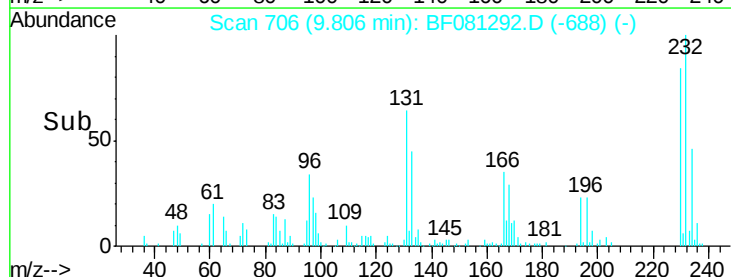
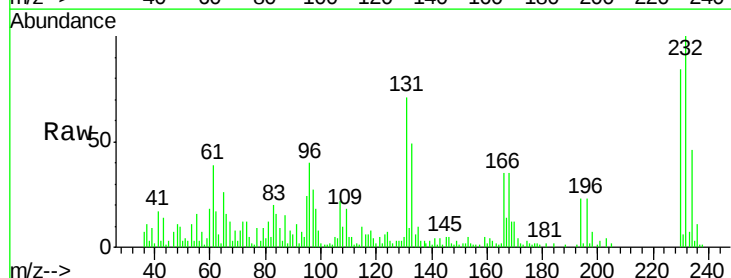
Ion Ratio Lower Upper

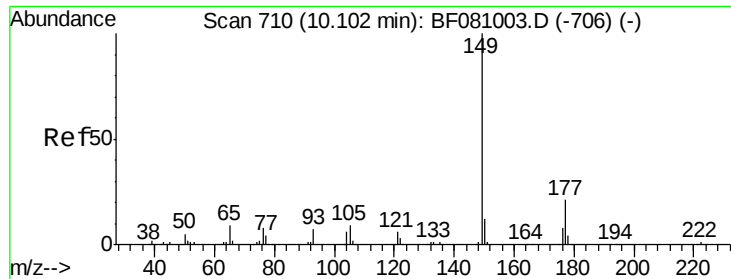
232 100

131 52.8 42.2 63.4

130 2.9 2.1 3.1

166 28.6 22.4 33.6

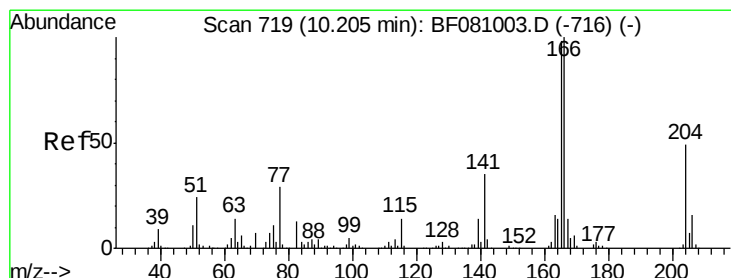
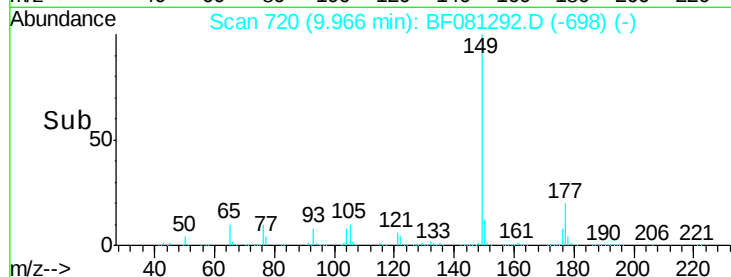
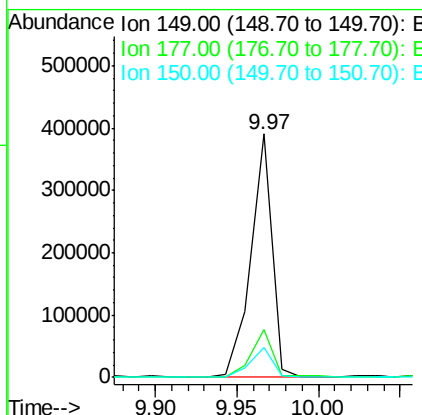
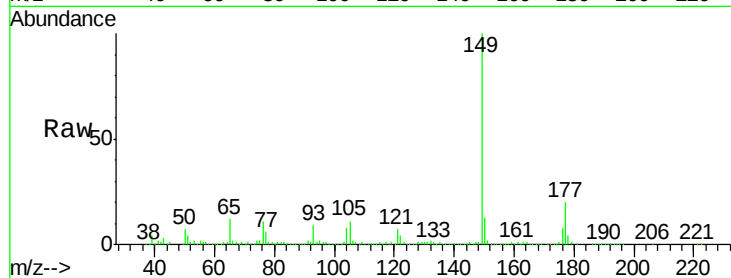




#59
Diethylphthalate
Concen: 38.12 ng
RT: 9.97 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

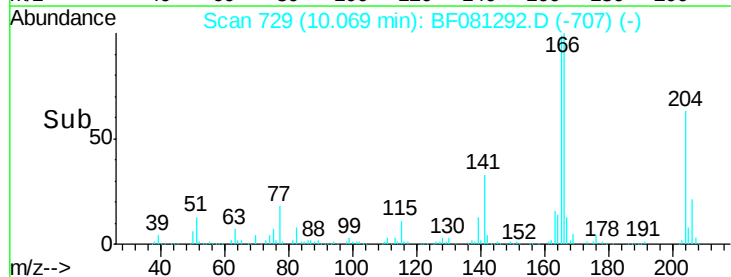
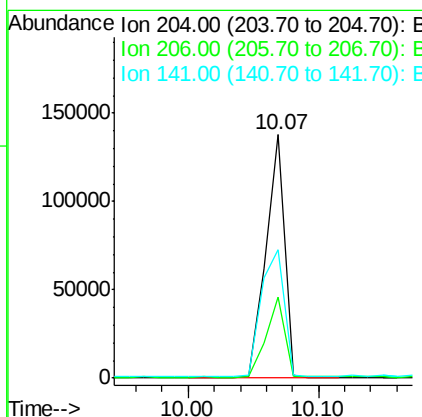
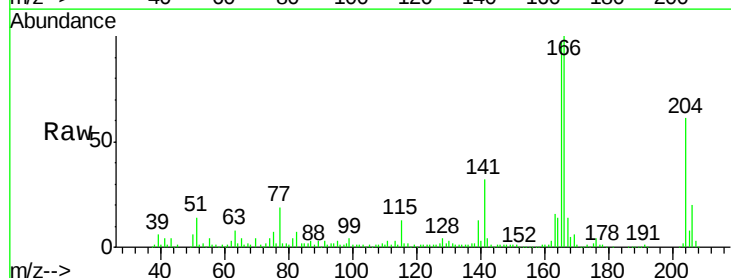
Instrument :
BNA_F
ClientSampleId :

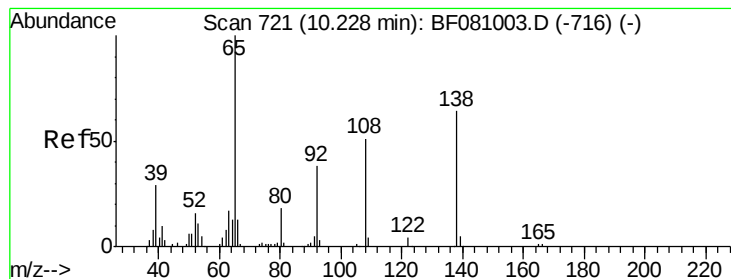
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	14.1	21.1
150	12.5	10.3	15.5



#60
4-Chlorophenyl-phenylether
Concen: 40.20 ng
RT: 10.07 min Scan# 729
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	52.6	59.6	89.4#

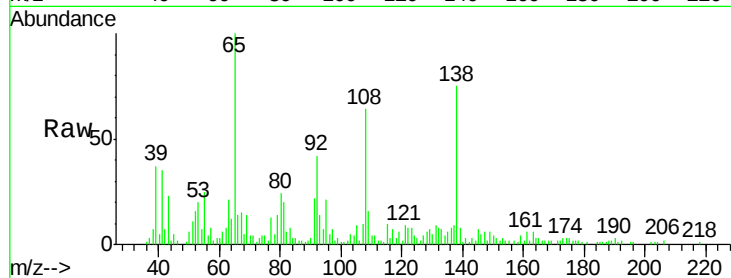




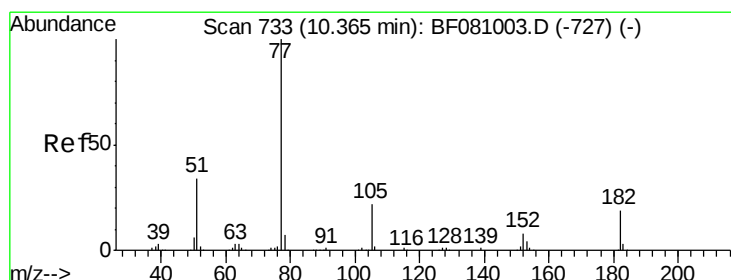
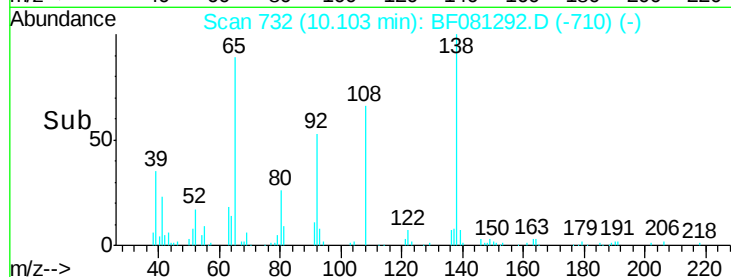
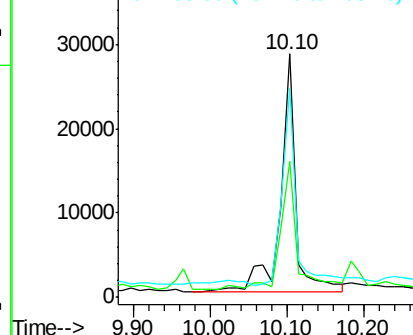
#61
4-Nitroaniline
Concen: 16.28 ng
RT: 10.10 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 38720
Ion Ratio Lower Upper
138 100
92 56.0 34.7 74.7
108 85.8 68.9 108.9

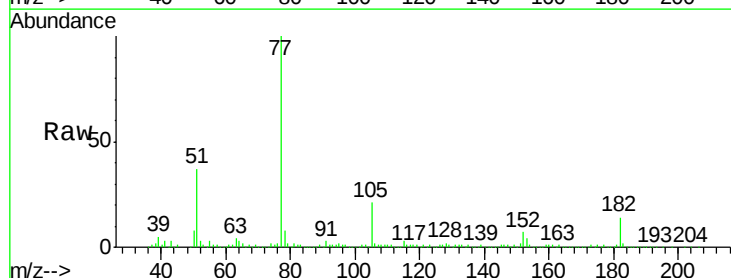


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

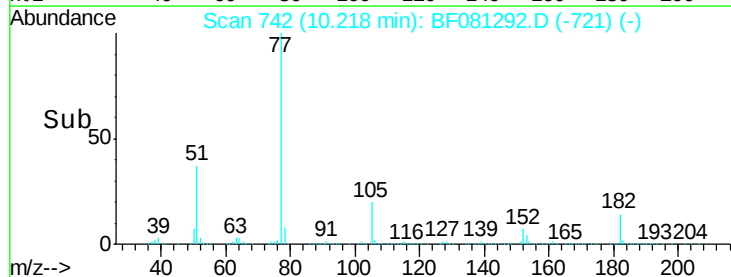
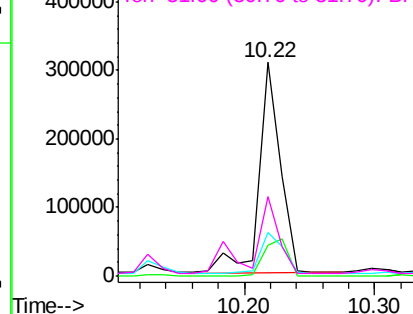


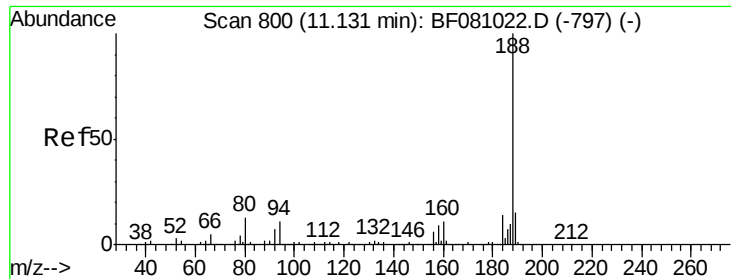
#62
Azobenzene
Concen: 33.55 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion: 77 Resp: 354369
Ion Ratio Lower Upper
77 100
182 14.1 0.0 39.0
105 20.7 0.2 40.2
51 37.3 18.0 58.0



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

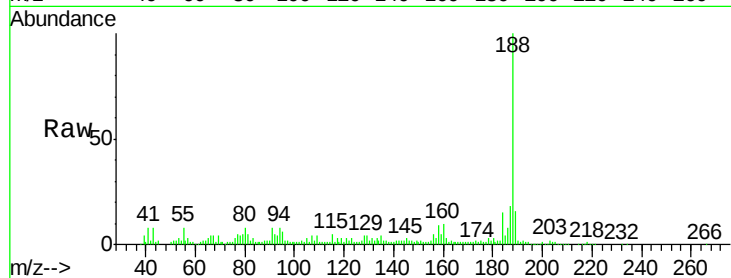




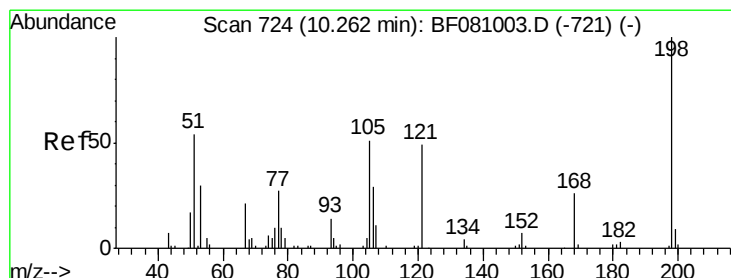
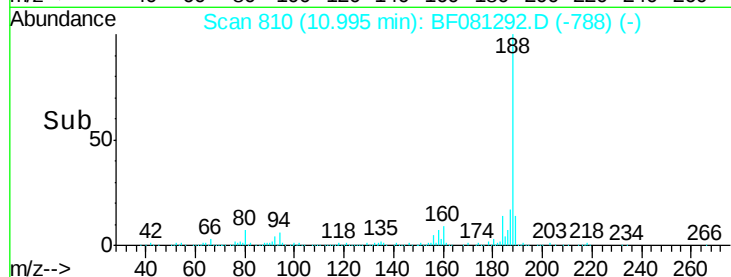
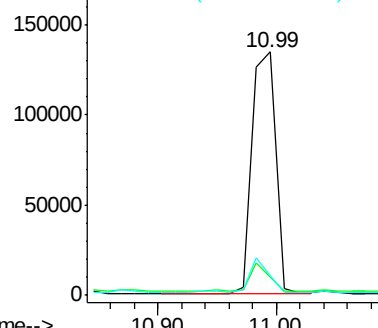
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 186224
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.2 12.2#
 80 8.1 9.5 14.3#

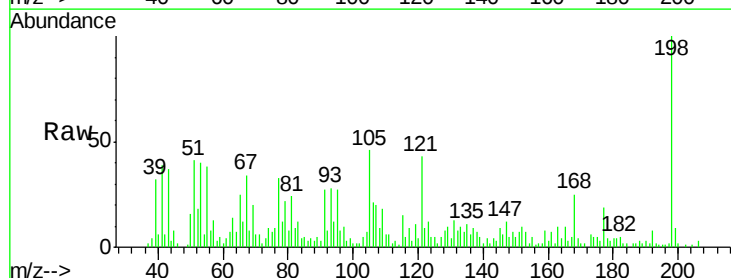


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

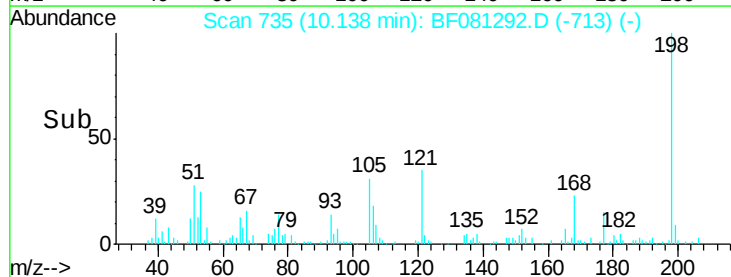
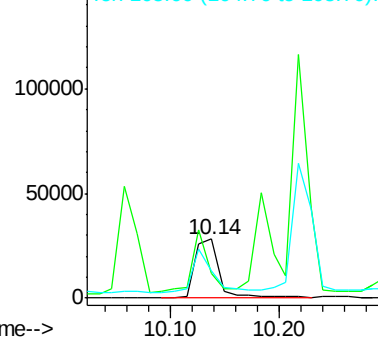


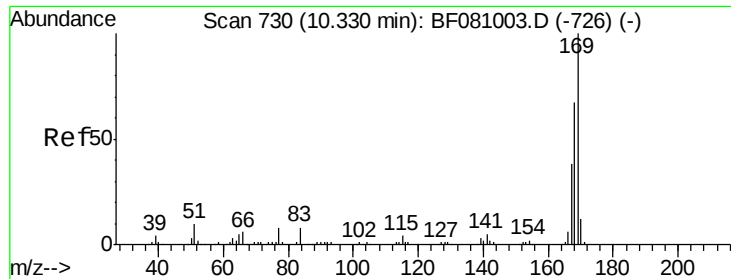
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.80 ng
 RT: 10.14 min Scan# 735
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion:198 Resp: 44263
 Ion Ratio Lower Upper
 198 100
 51 41.0 79.7 119.7#
 105 46.2 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.23 ng

RT: 10.19 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

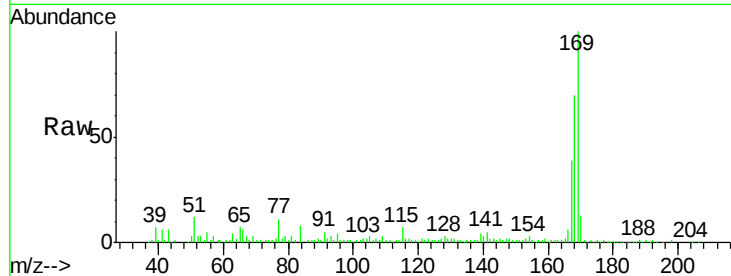
Tot Ion:169 Resp: 254117

Ion Ratio Lower Upper

169 100

168 70.1 55.3 82.9

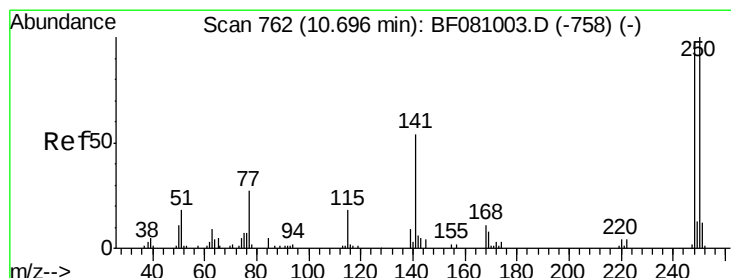
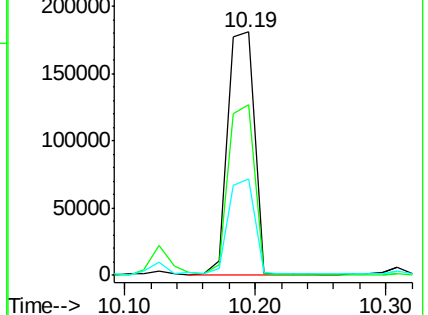
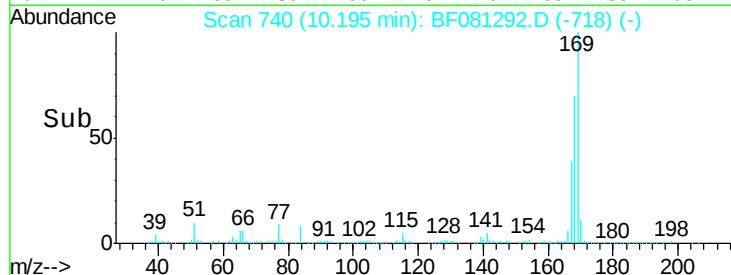
167 39.5 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.46 ng

RT: 10.55 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

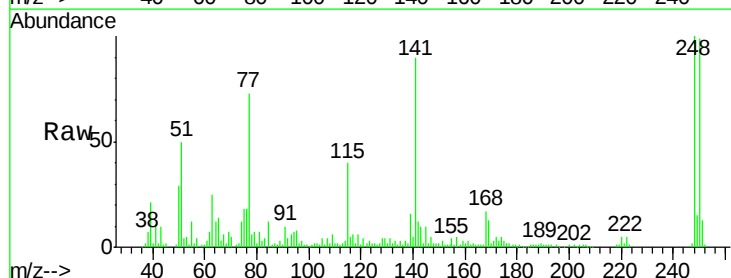
Tgt Ion:248 Resp: 75850

Ion Ratio Lower Upper

248 100

250 98.8 77.8 116.6

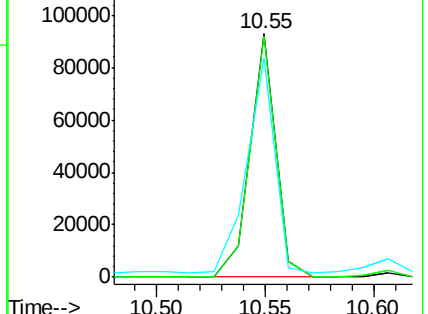
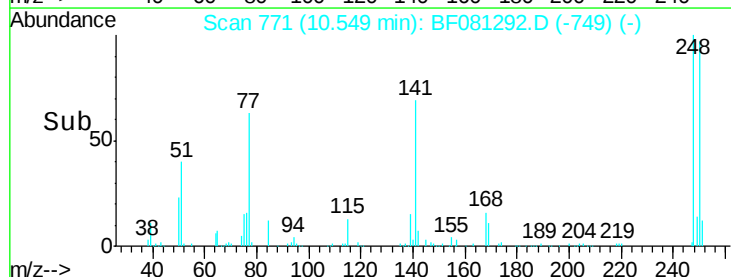
141 90.1 39.8 59.6#

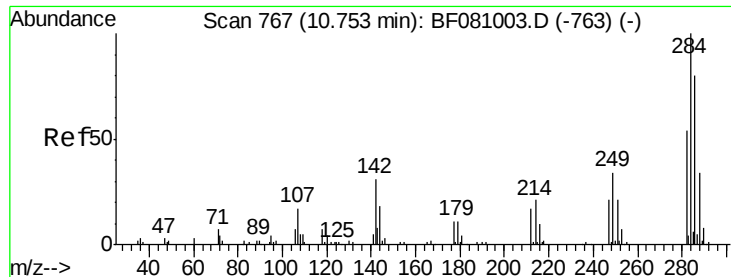


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

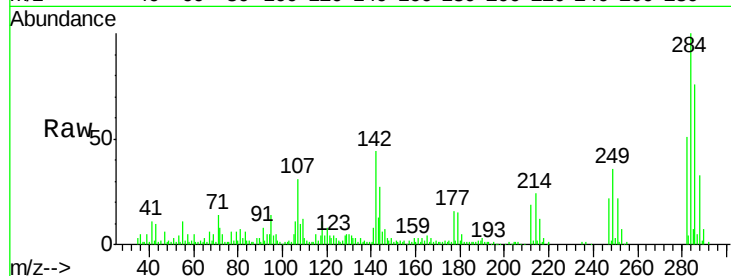




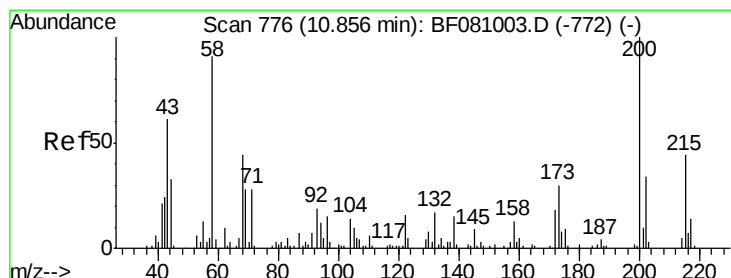
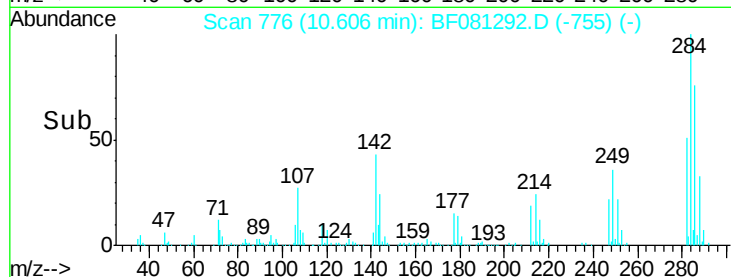
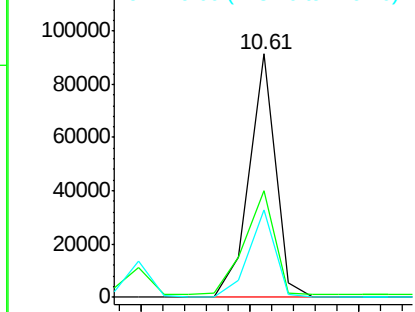
#67
Hexachlorobenzene
Concen: 41.46 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.7	25.4	38.0#
249	35.9	28.5	42.7

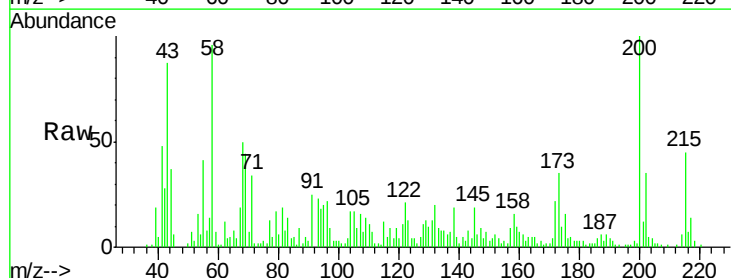


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

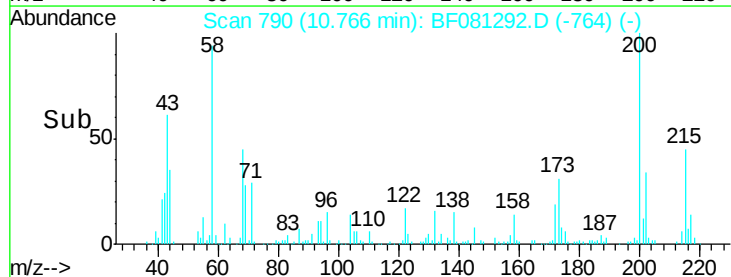
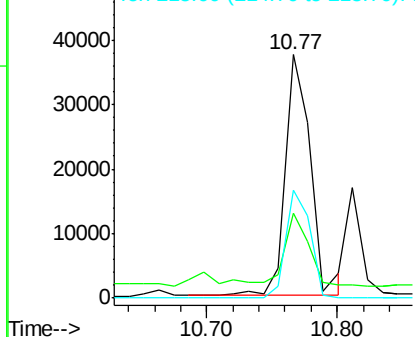


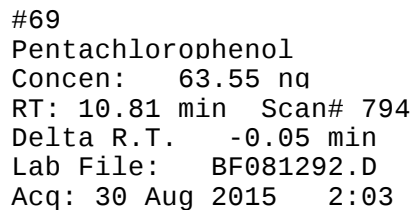
#68
Atrazine
Concen: 27.20 ng
RT: 10.77 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	34.9	8.1	48.1
215	44.6	23.3	63.3



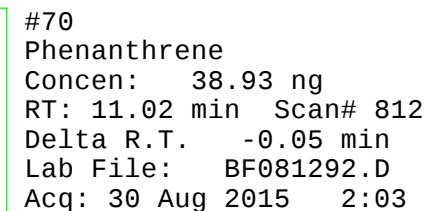
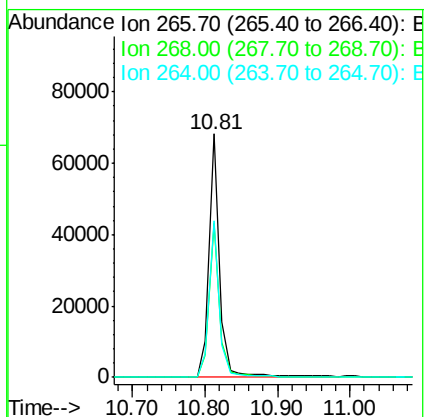
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



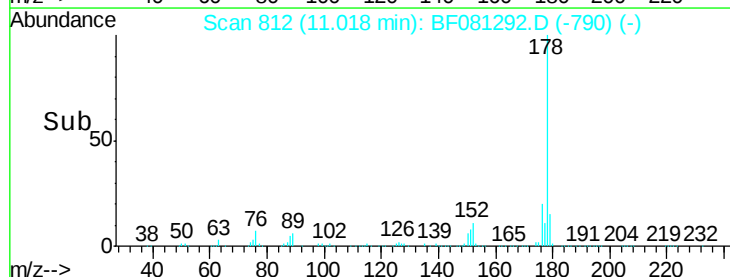
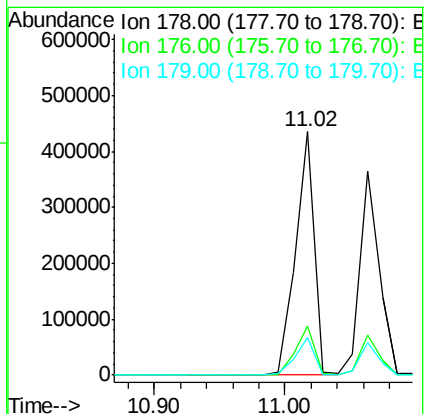


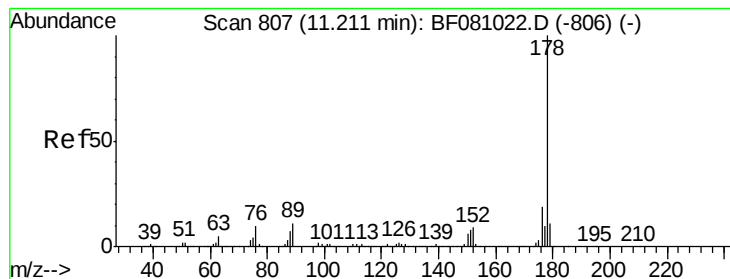
Instrument :
BNA_F
ClientSampleId :

Tqt	Ion:266	Resp:	70640
Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.2	76.8
264	64.5	50.6	75.8



Tgt	Ion:178	Resp:	429628
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.6	12.2	18.2





#71

Anthracene

Concen: 34.45 ng

RT: 11.06 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

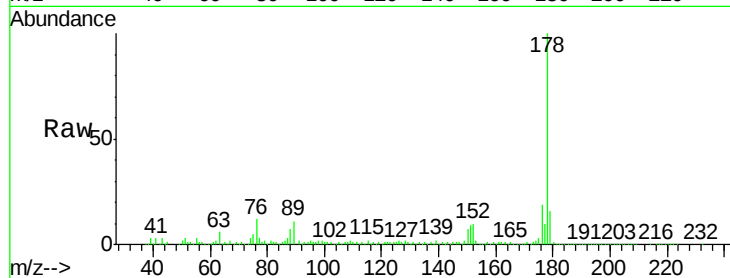
Tot Ion:178 Resp: 370005

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

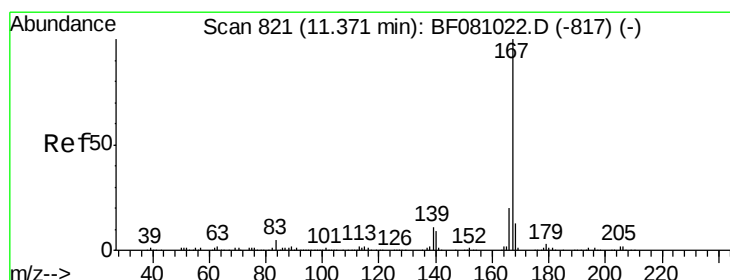
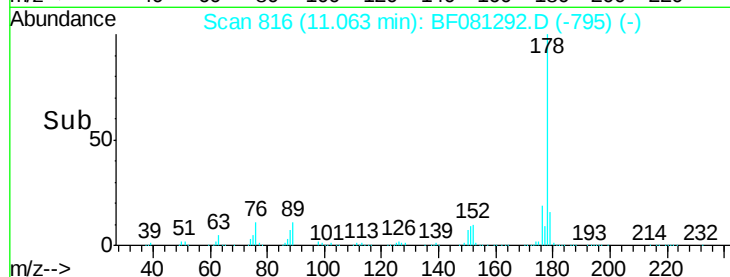
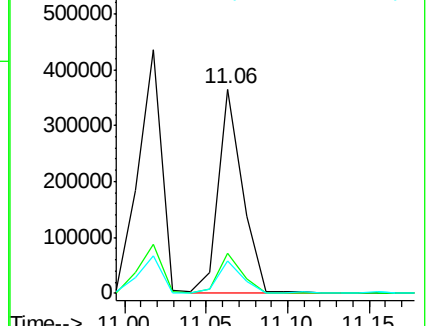
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.23 ng

RT: 11.23 min Scan# 831

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

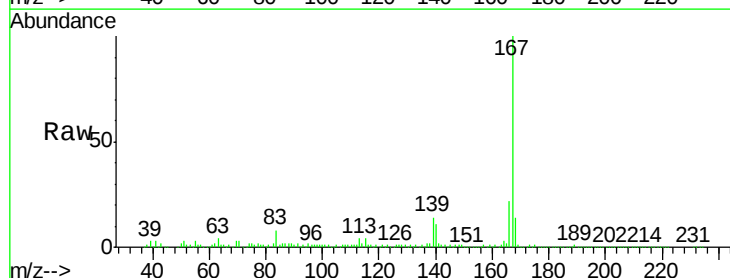
Tgt Ion:167 Resp: 384971

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

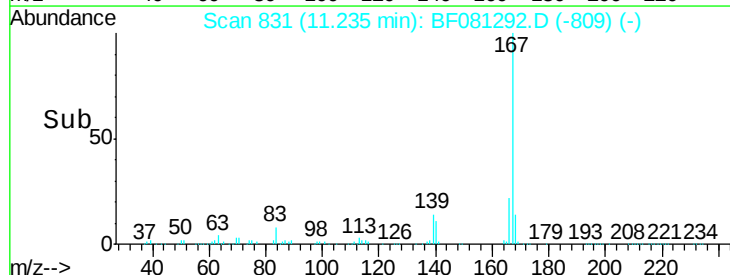
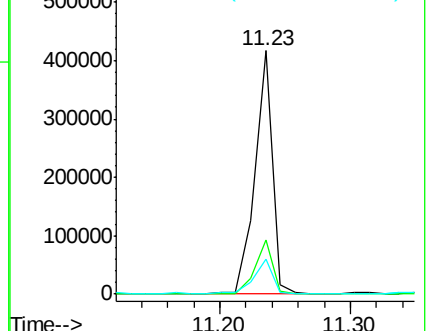
139 14.3 10.6 16.0

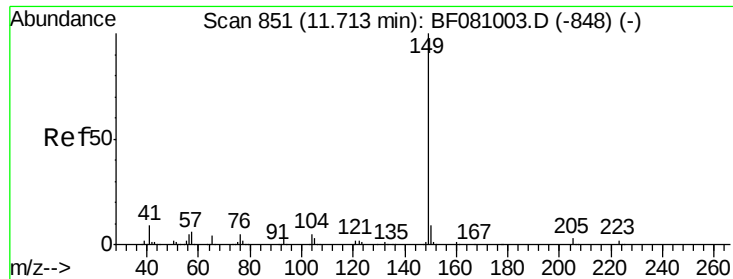


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.60 ng

RT: 11.58 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

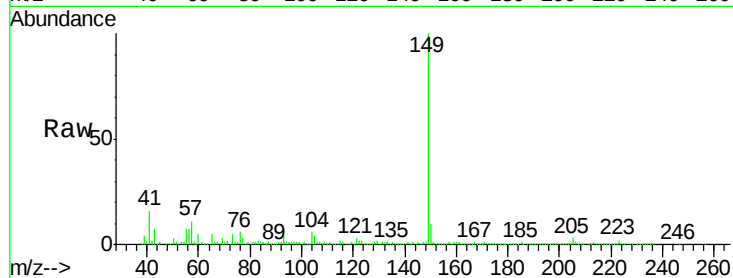
Tot Ion:149 Resp: 470387

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

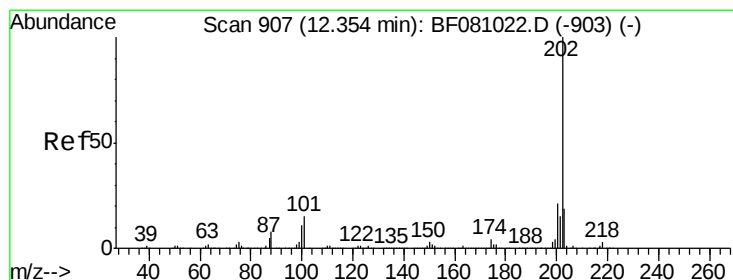
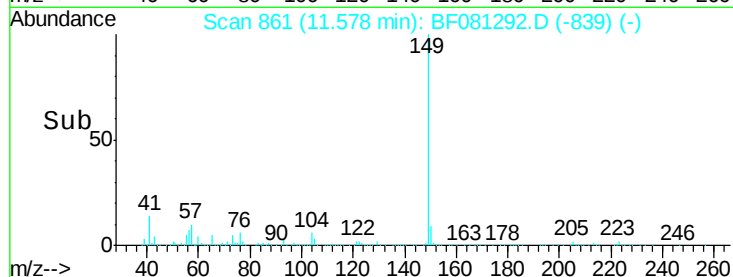
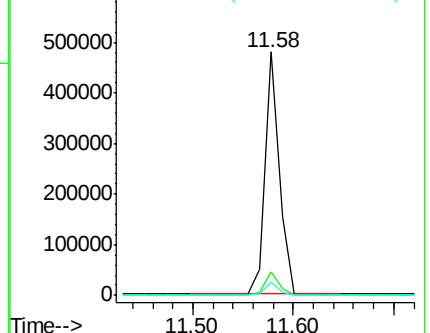
104 5.6 3.9 5.9



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: 37.79 ng

RT: 12.19 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

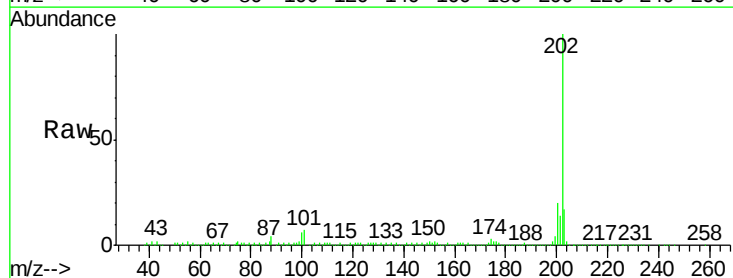
Tgt Ion:202 Resp: 450040

Ion Ratio Lower Upper

202 100

101 7.2 0.0 24.8

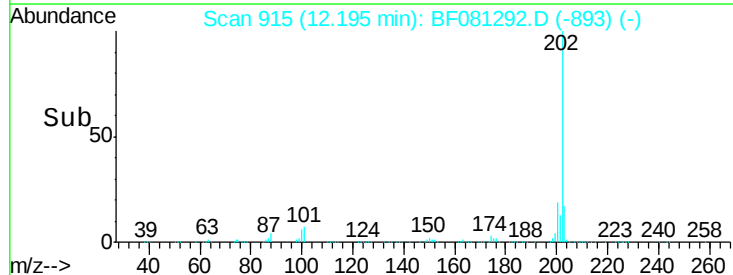
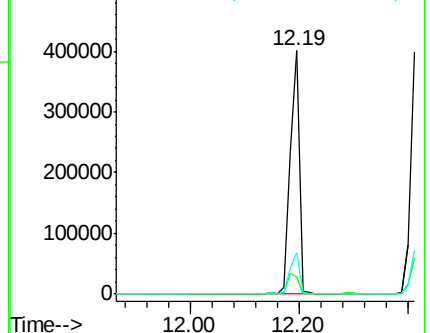
203 17.0 0.0 36.9

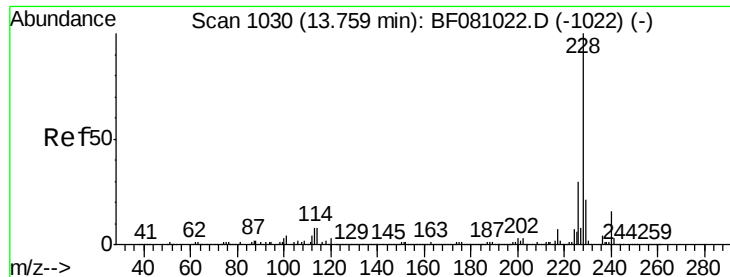


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

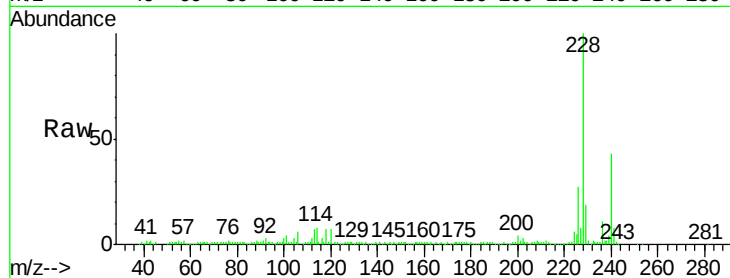
Tot Ion:240 Resp: 116403

Ion Ratio Lower Upper

240 100

120 17.4 5.6 8.4#

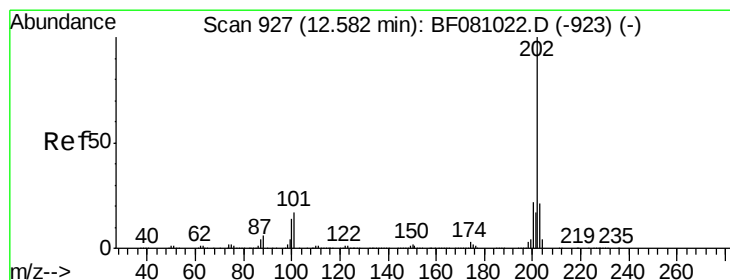
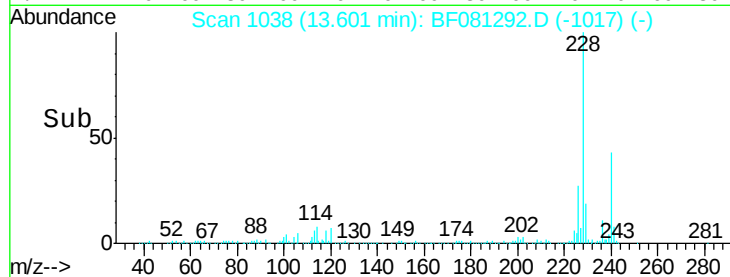
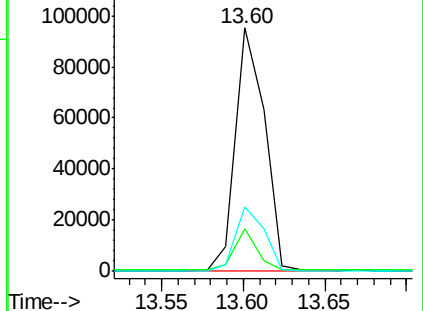
236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 41.74 ng

RT: 12.41 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

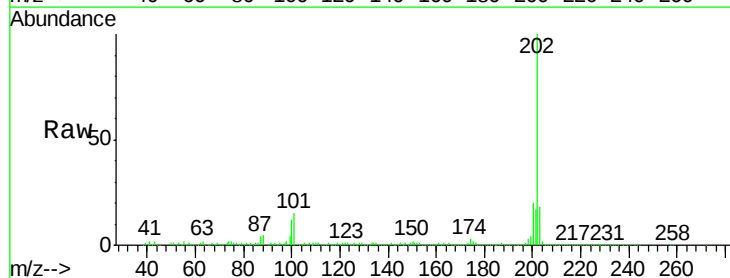
Tgt Ion:202 Resp: 394969

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

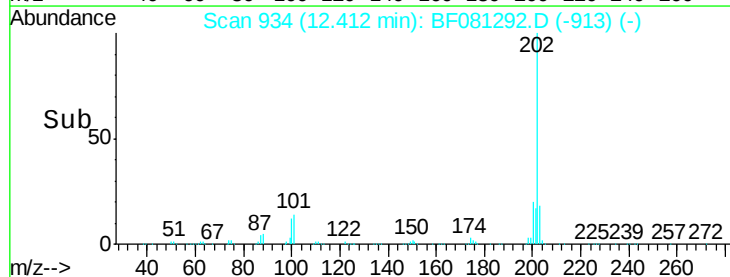
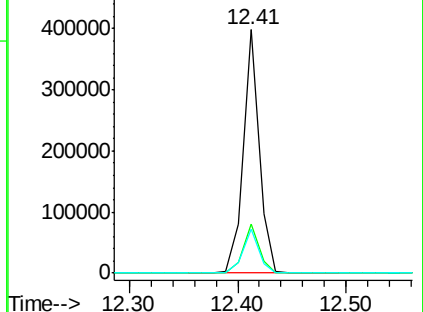
203 18.1 14.1 21.1

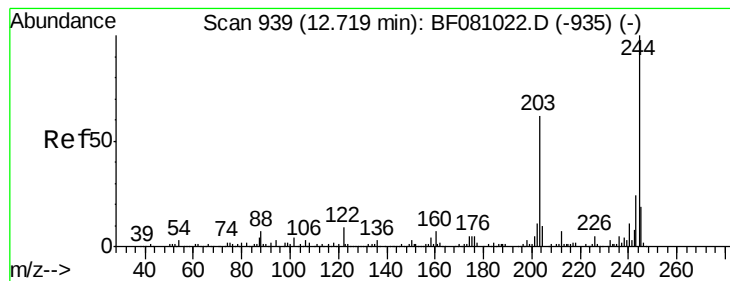


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.62 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

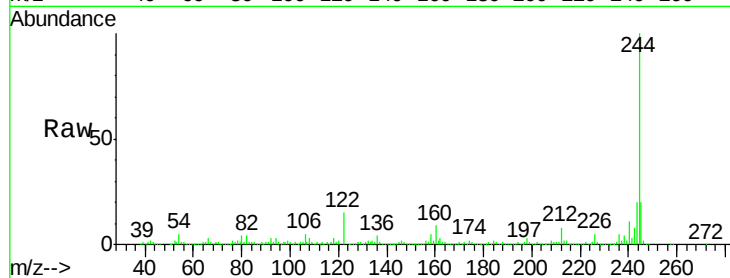
Tot Ion:244 Resp: 464901

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

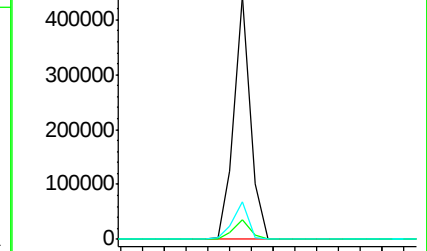
122 15.2 8.2 12.4#



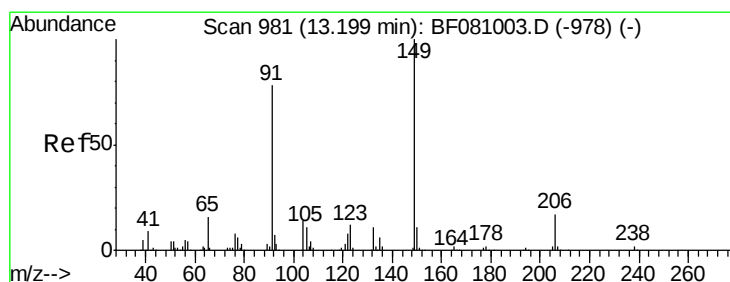
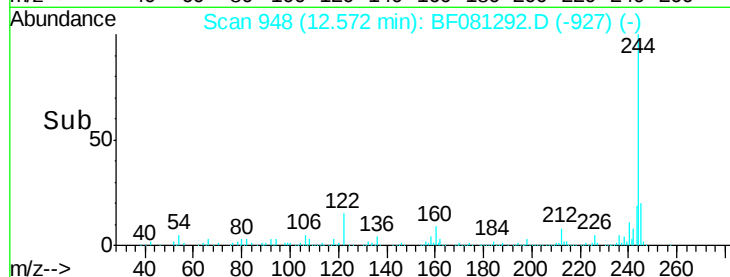
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 50.78 ng

RT: 13.06 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

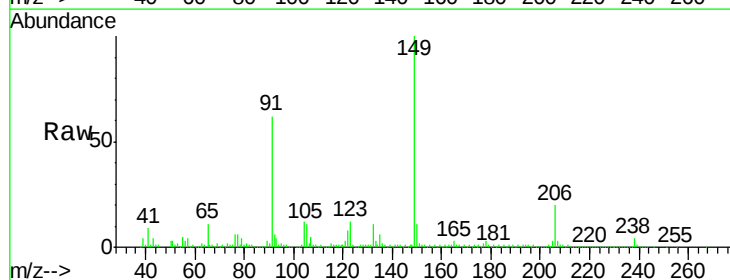
Tgt Ion:149 Resp: 206538

Ion Ratio Lower Upper

149 100

91 62.4 46.9 70.3

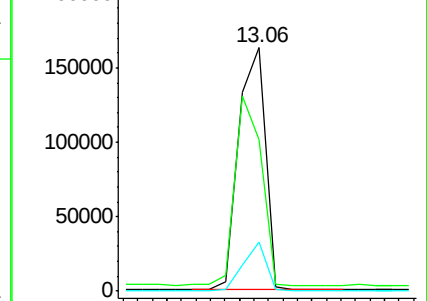
206 20.3 17.0 25.4



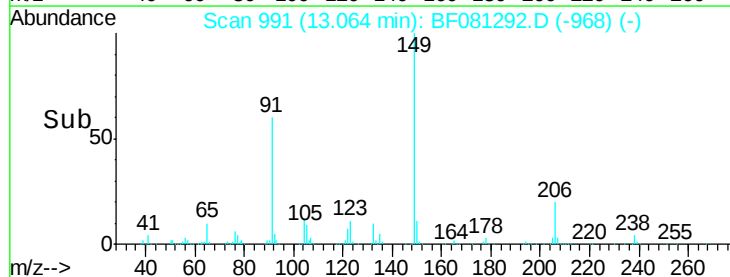
Abundance Ion 149.00 (148.70 to 149.70): E

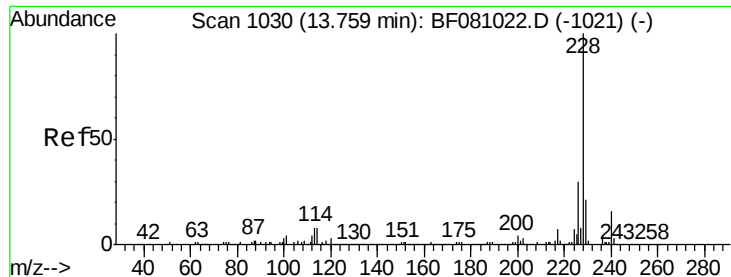
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 41.37 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

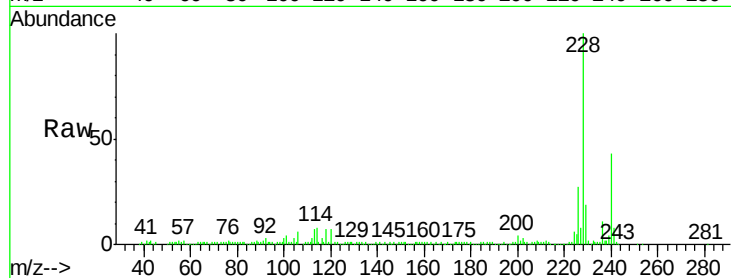
Tot Ion:228 Resp: 322955

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

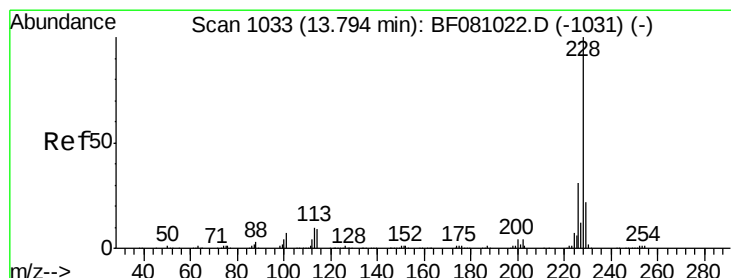
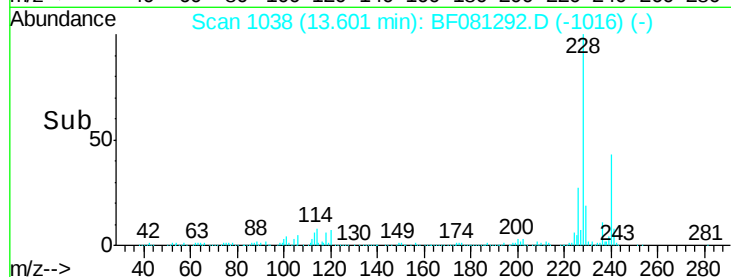
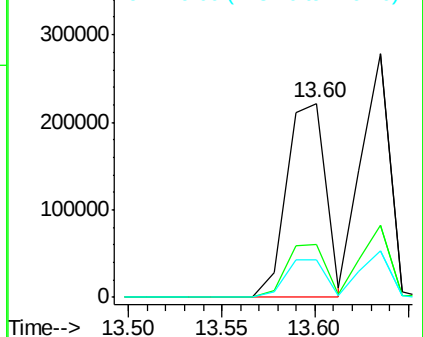
229 19.5 15.9 23.9



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



#82

Chrysene

Concen: 42.24 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

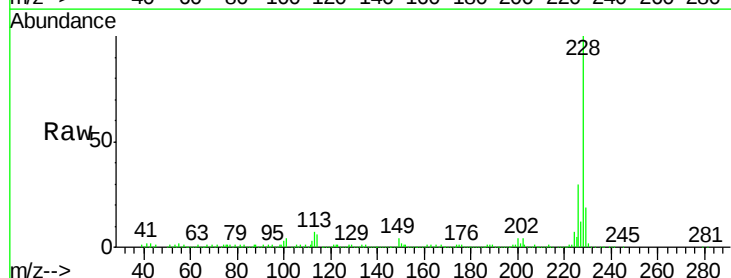
Tgt Ion:228 Resp: 297188

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

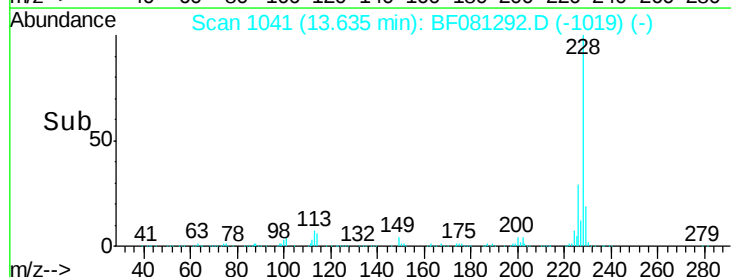
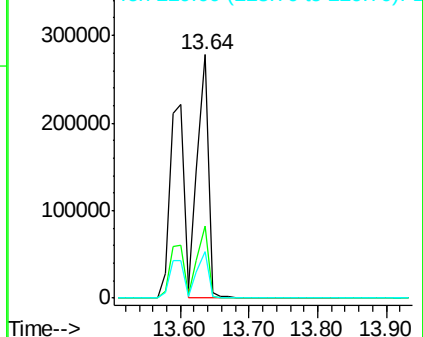
229 19.1 16.0 24.0

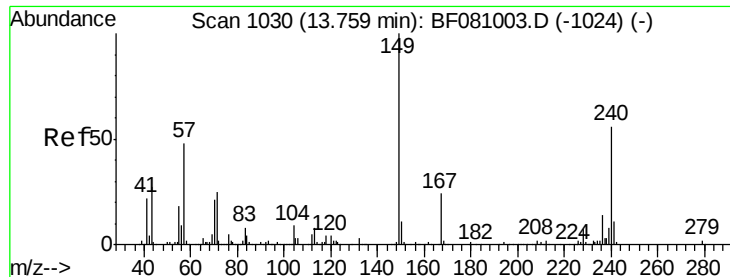


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

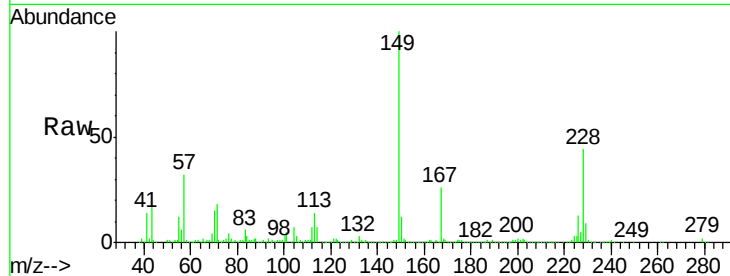




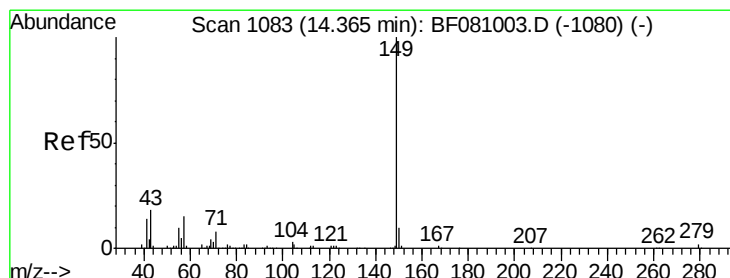
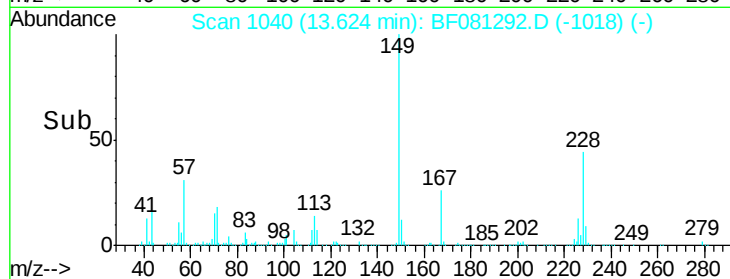
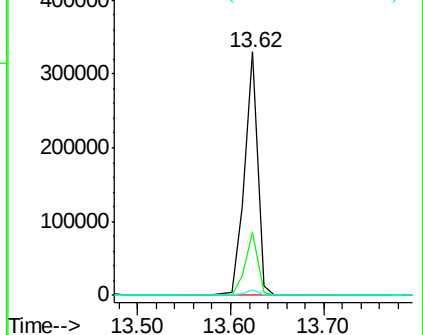
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.99 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 317736
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.7 31.1
 279 2.4 2.2 3.4

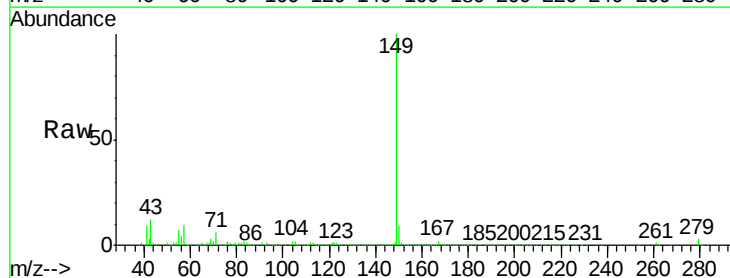


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

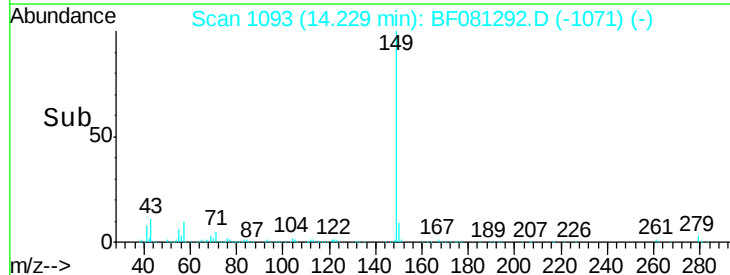
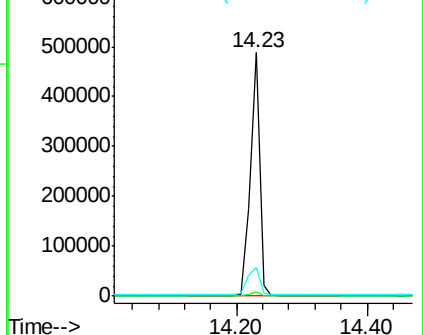


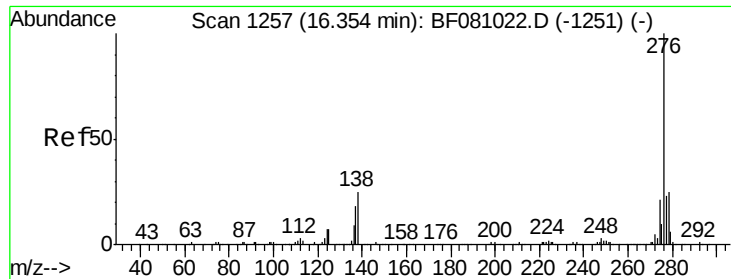
#84
 Di-n-octyl phthalate
 Concen: 59.56 ng
 RT: 14.23 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion:149 Resp: 471653
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.6 11.6 17.4



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

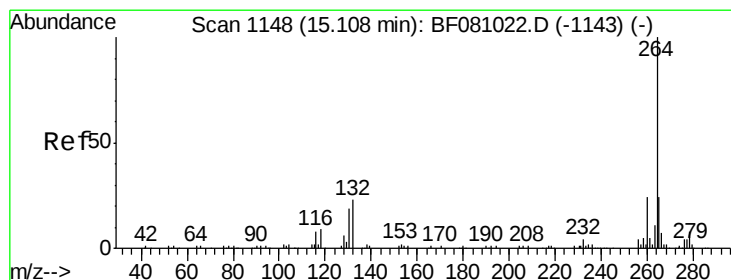
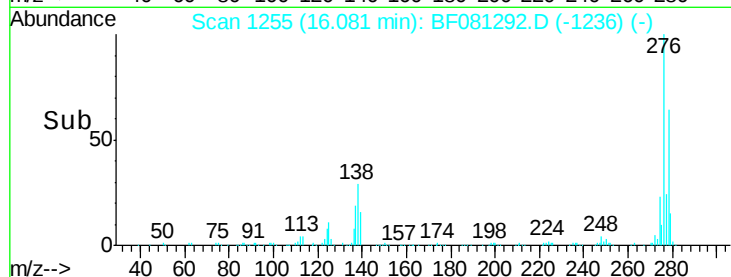
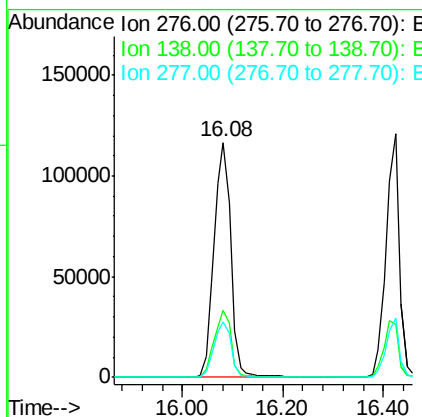
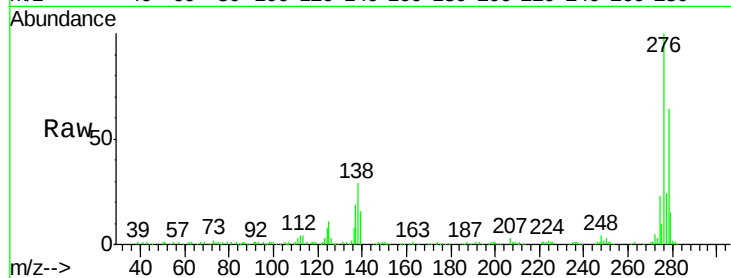




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.92 ng
 RT: 16.08 min Scan# 1255
 Delta R.T. -0.08 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

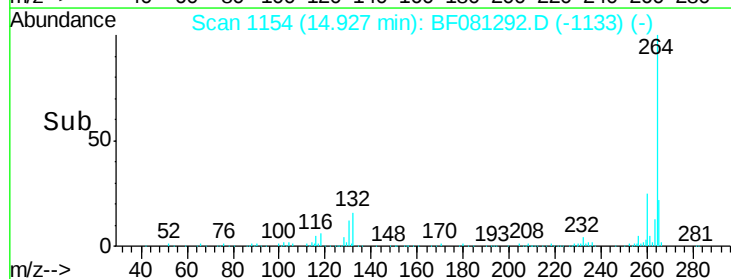
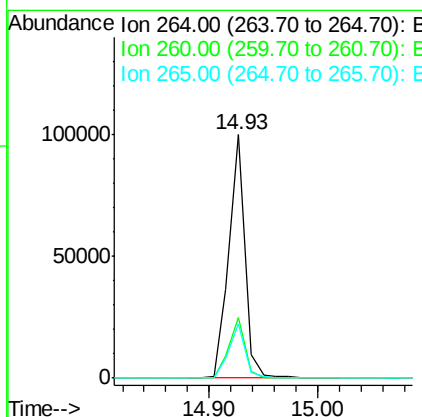
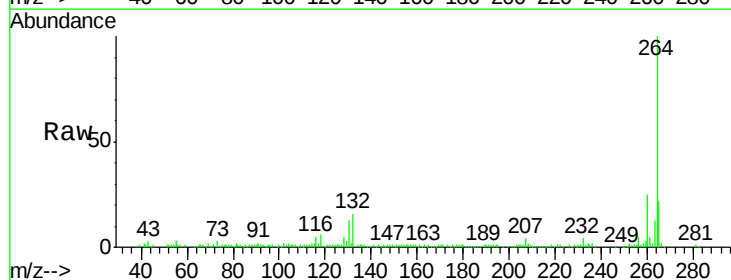
Instrument :
 BNA_F
 ClientSampleId :

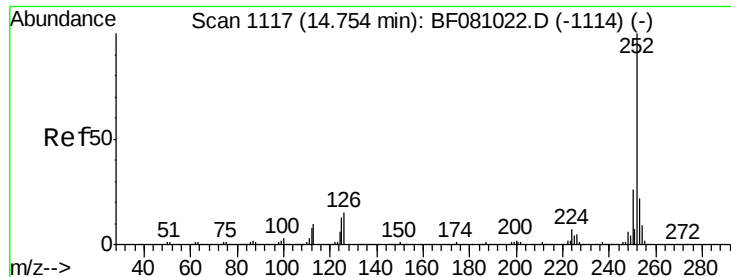
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.6	28.0#
277	23.8	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 65.91 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampled :

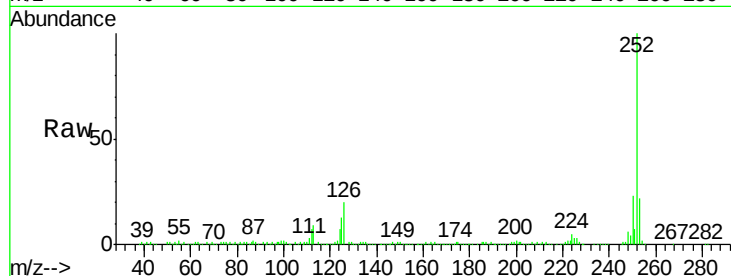
Tot Ion:252 Resp: 479158

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

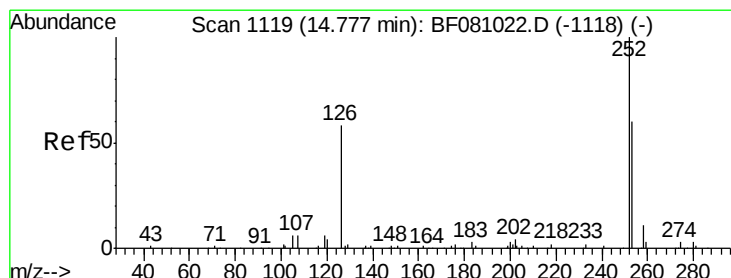
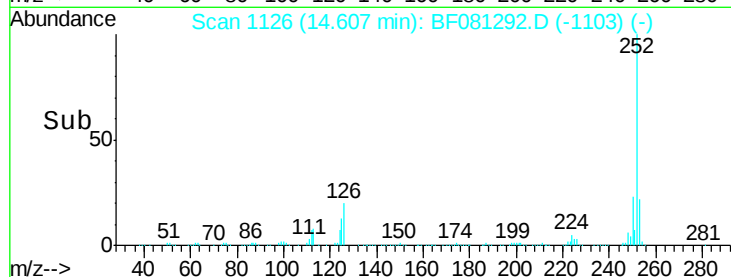
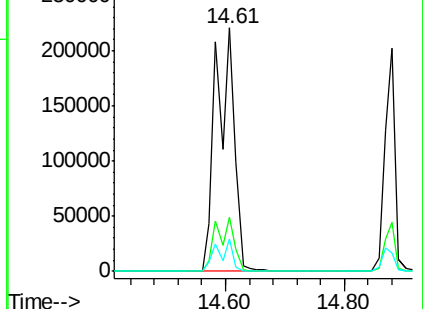
125 13.5 8.0 12.0#



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



#88

Benzo(k)fluoranthene

Concen: 70.74 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

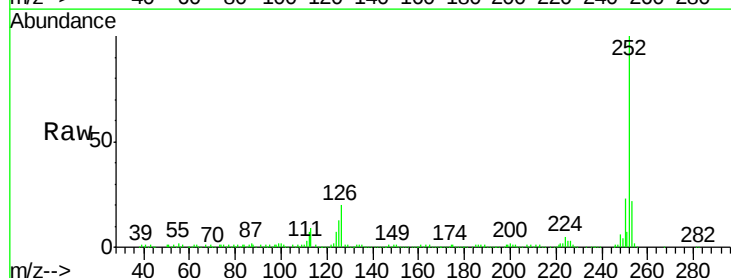
Tgt Ion:252 Resp: 479158

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

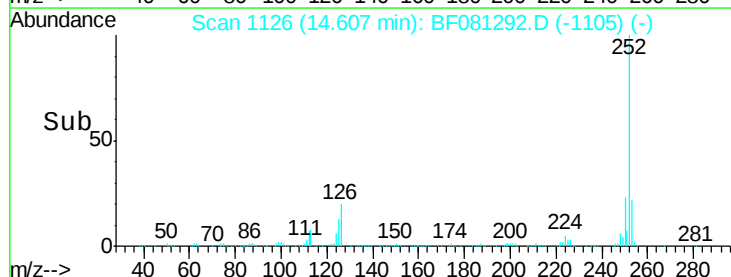
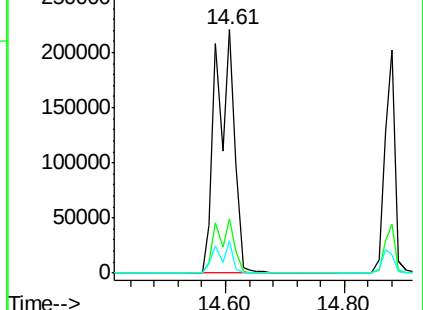
125 13.5 10.3 15.5

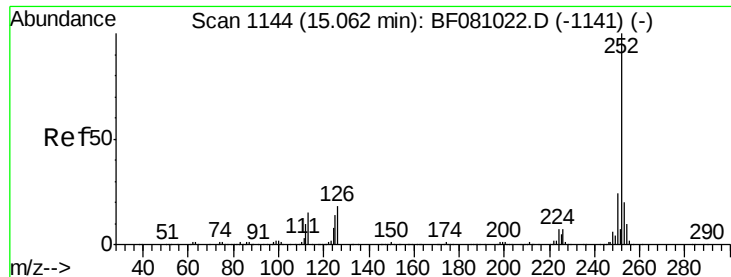


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.70 ng

RT: 14.88 min Scan# 1150

Delta R.T. -0.06 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

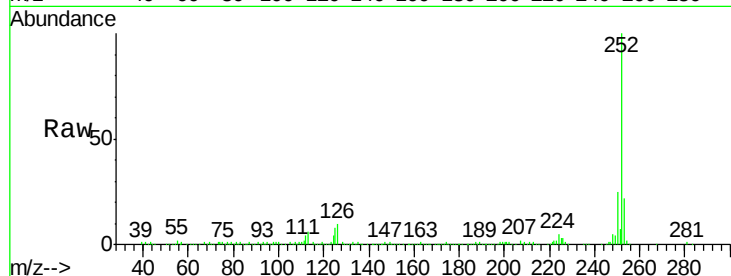
Tot Ion:252 Resp: 251481

Ion Ratio Lower Upper

252 100

253 22.0 16.6 25.0

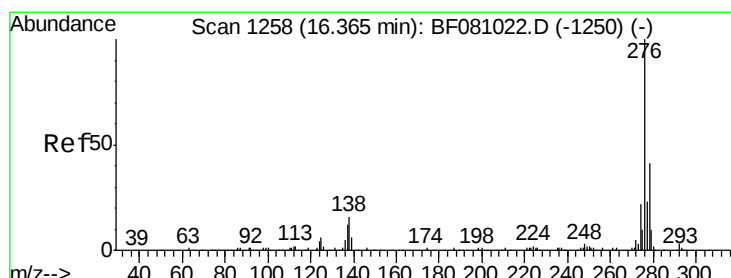
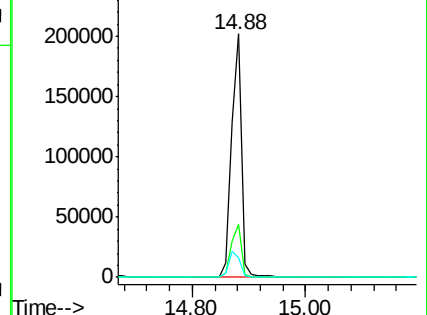
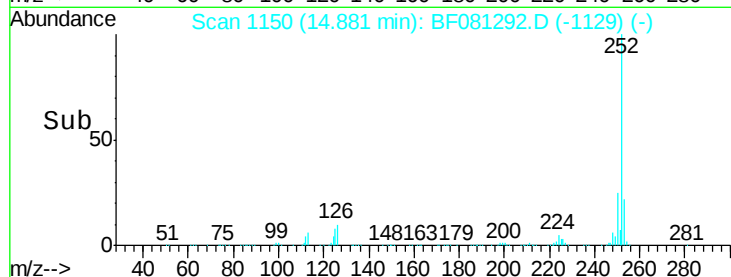
125 8.0 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.71 ng

RT: 16.09 min Scan# 1256

Delta R.T. -0.09 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

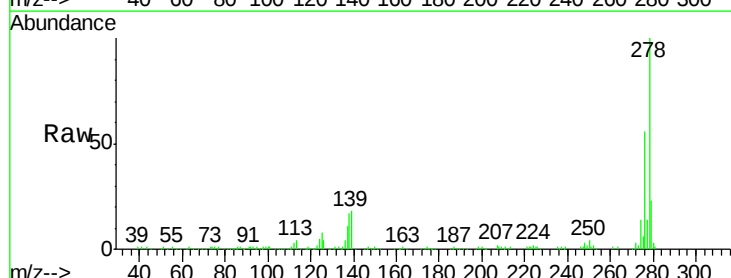
Tgt Ion:278 Resp: 225621

Ion Ratio Lower Upper

278 100

139 17.5 10.8 16.2#

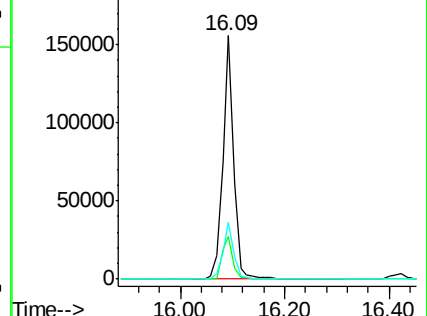
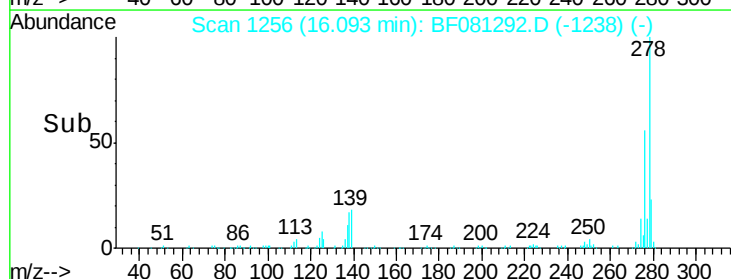
279 23.1 19.0 28.6

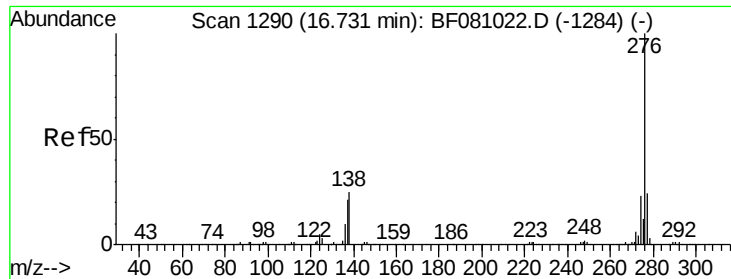


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

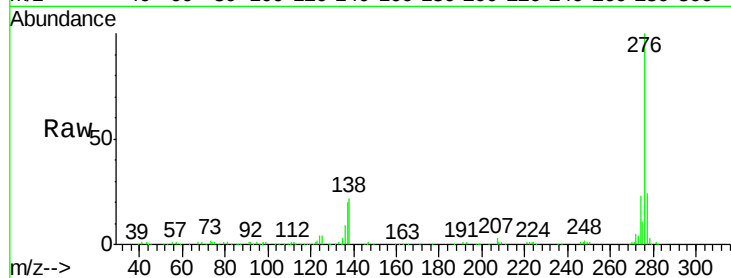




#91
 Benzo(a,h,i)perylene
 Concen: 45.52 ng
 RT: 16.42 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.2	27.2
138	22.0	13.7	20.5



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

