

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081224.D
 Acq On : 26 Aug 2015 21:18
 Operator : UM/IZ
 Sample : PB85099BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:43:02 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	6.51	152	49638	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	200560	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	87590	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	173543	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	130604	20.00	ng	-0.02
86) Perylene-d12	14.95	264	112813	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	372586	112.90	ng	-0.01
7) Phenol-d6	6.17	99	484227	112.46	ng	-0.02
23) Nitrobenzene-d5	7.09	82	320917	73.10	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	79997	105.36	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	490123	73.32	ng	-0.02
78) Terphenyl-d14	12.60	244	421006	69.11	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.99	88	51357	33.02	ng	95
3) Pyridine	2.57	79	163633	37.28	ng	# 82
4) n-Nitrosodimethylamine	2.54	42	84408	34.54	ng	# 70
6) Aniline	6.17	93	152666	24.38	ng	# 61
8) 2-Chlorophenol	6.30	128	133791	37.04	ng	98
9) Benzaldehyde	6.06	77	28270	10.18	ng	87
10) Phenol	6.18	94	161963	31.85	ng	100
11) bis(2-Chloroethyl)ether	6.26	93	138221	35.42	ng	92
12) 1,3-Dichlorobenzene	6.46	146	141260	36.39	ng	95
13) 1,4-Dichlorobenzene	6.54	146	145495	37.86	ng	97
14) 1,2-Dichlorobenzene	6.69	146	132448	36.82	ng	96
15) Benzyl Alcohol	6.67	79	125473	36.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	269980	35.21	ng	96
17) 2-Methylphenol	6.80	107	123395	39.81	ng	96
18) Hexachloroethane	7.03	117	59265	38.16	ng	96
19) n-Nitroso-di-n-propylamine	6.95	70	105838	35.48	ng	91
20) 3+4-Methylphenols	6.96	107	152565	38.78	ng	# 42
22) Acetophenone	6.94	105	200430	38.07	ng	# 86
24) Nitrobenzene	7.11	77	173346	37.76	ng	99
25) Isophorone	7.35	82	288471	35.23	ng	99
26) 2-Nitrophenol	7.43	139	75885	39.75	ng	# 68
27) 2,4-Dimethylphenol	7.49	122	133254	39.46	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	192643	39.83	ng	98
29) 2,4-Dichlorophenol	7.67	162	104876	36.88	ng	88
30) 1,2,4-Trichlorobenzene	7.75	180	114333	36.18	ng	98
31) Naphthalene	7.83	128	419441	37.52	ng	99
32) Benzoic acid	7.62	122	79515	41.86	ng	95
33) 4-Chloroaniline	7.89	127	80762	17.12	ng	# 87
34) Hexachlorobutadiene	7.95	225	66283	37.09	ng	98
35) Caprolactam	8.26	113	25808	25.97	ng	# 61
36) 4-Chloro-3-methylphenol	8.38	107	125950	37.17	ng	97
37) 2-Methylnaphthalene	8.51	142	259014	36.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	112539	39.82	ng	98
40) Hexachlorocyclopentadiene	8.67	237	117560	80.37	ng	97

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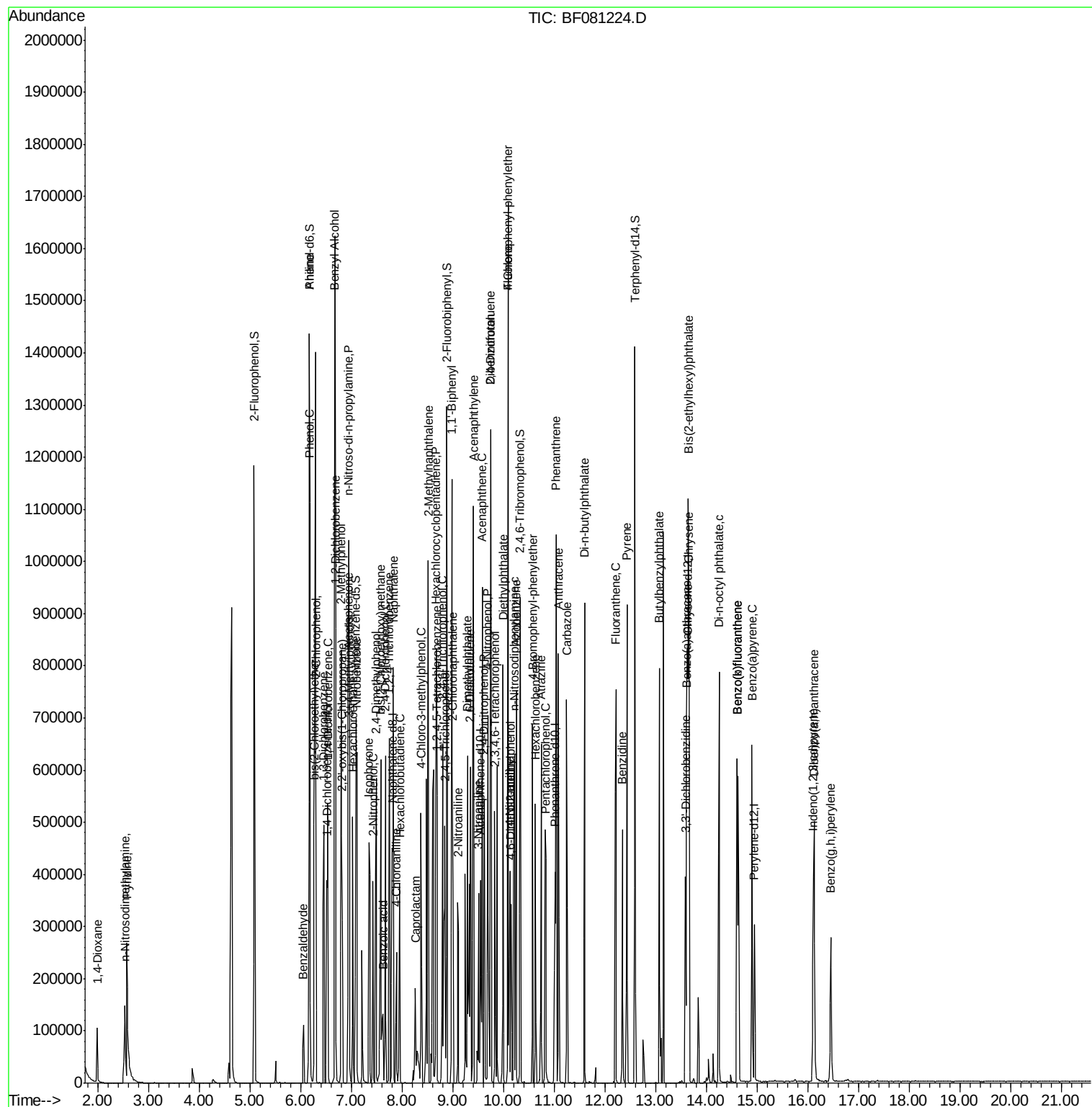
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	76634	38.38	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	79320	39.75	nq	98
45) 1,1'-Biphenyl	8.98	154	333492	43.23	nq	98
46) 2-Chloronaphthalene	8.99	162	222937	35.97	nq	# 90
47) 2-Nitroaniline	9.10	65	90049	35.50	nq	98
48) Acenaphthylene	9.41	152	351931	31.74	nq	99
49) Dimethylphthalate	9.29	163	245803	34.08	nq	100
50) 2,6-Dinitrotoluene	9.35	165	56434	36.44	nq	# 74
51) Acenaphthene	9.58	154	214068	32.25	nq	99
52) 3-Nitroaniline	9.51	138	42601	21.98	nq	97
53) 2,4-Dinitrophenol	9.62	184	58112	69.39	nq	# 72
54) Dibenzofuran	9.75	168	299363	33.66	nq	93
55) 4-Nitrophenol	9.69	139	84502	62.08	nq	85
56) 2,4-Dinitrotoluene	9.75	165	72620	35.38	nq	# 63
57) Fluorene	10.09	166	258751	37.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	56767	36.76	nq	99
59) Diethylphthalate	9.99	149	287103	37.60	nq	97
60) 4-Chlorophenyl-phenylether	10.09	204	118908	41.07	nq	94
61) 4-Nitroaniline	10.13	138	74223	37.47	nq	91
62) Azobenzene	10.25	77	352820	40.10	nq	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	36345	35.07	nq	88
65) n-Nitrosodiphenylamine	10.22	169	230594	37.22	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	63016	36.96	nq	# 69
67) Hexachlorobenzene	10.63	284	62471	36.18	nq	# 79
68) Atrazine	10.74	200	62196	36.04	nq	98
69) Pentachlorophenol	10.83	266	74638	72.05	nq	97
70) Phenanthrene	11.04	178	386619	37.59	nq	100
71) Anthracene	11.09	178	346082	34.58	nq	100
72) Carbazole	11.25	167	344642	35.77	nq	98
73) Di-n-butylphthalate	11.60	149	472912	40.56	nq	99
74) Fluoranthene	12.22	202	423257	38.14	nq	98
76) Benzidine	12.34	184	190196	38.55	nq	99
77) Pyrene	12.44	202	385753	36.33	nq	99
79) Butylbenzylphthalate	13.08	149	178843	39.19	nq	# 68
80) Benzo(a)anthracene	13.61	228	355211	40.56	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	73351	25.85	nq	97
82) Chrysene	13.66	228	347161	43.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	253190	43.31	nq	100
84) Di-n-octyl phthalate	14.25	149	427864	48.16	nq	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	250734	45.24	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	554128	69.44	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	554128	74.52	nq	99
89) Benzo(a)pyrene	14.90	252	273405	39.32	nq	# 97
90) Dibenzo(a,h)anthracene	16.13	278	207590	38.32	nq	# 93
91) Benzo(g,h,i)perylene	16.46	276	207989	37.84	nq	# 89

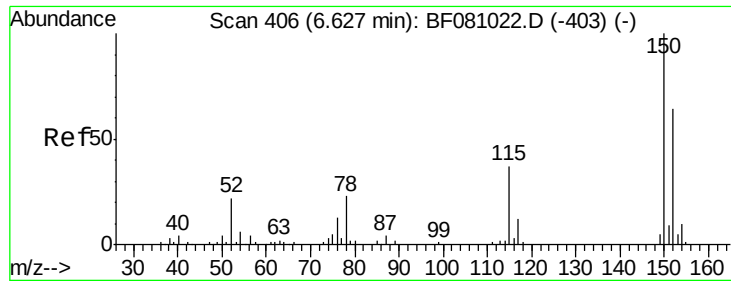
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

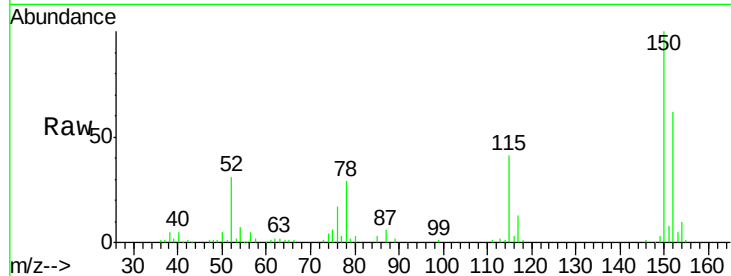
Tot Ion:152 Resp: 49638

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

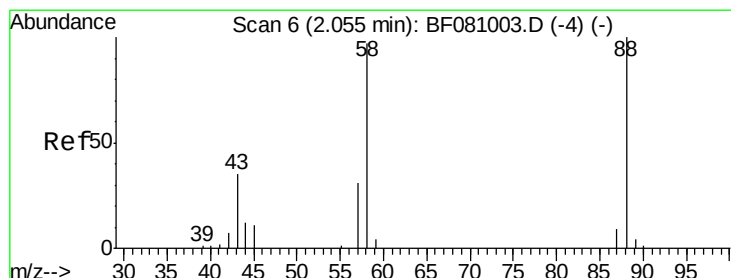
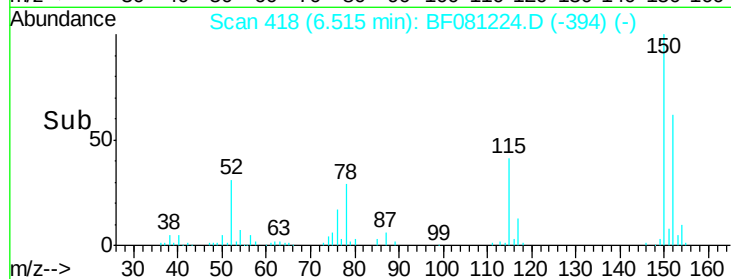
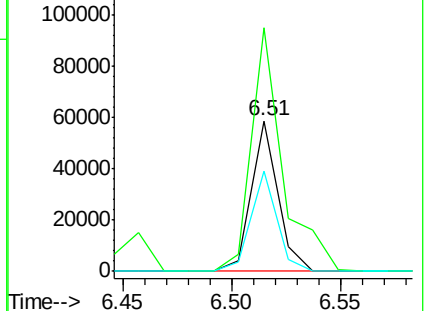
115 66.4 52.1 78.1



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: 33.02 ng

RT: 1.99 min Scan# 22

Delta R.T. 0.06 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

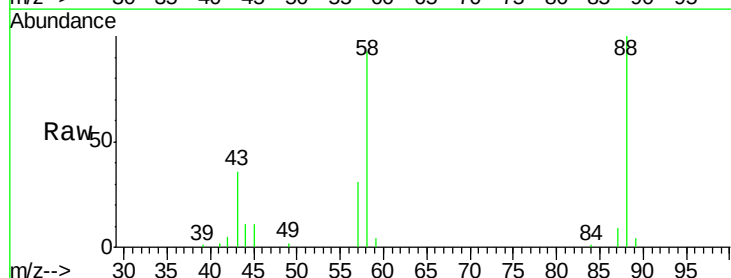
Tgt Ion: 88 Resp: 51357

Ion Ratio Lower Upper

88 100

58 100.3 83.7 125.5

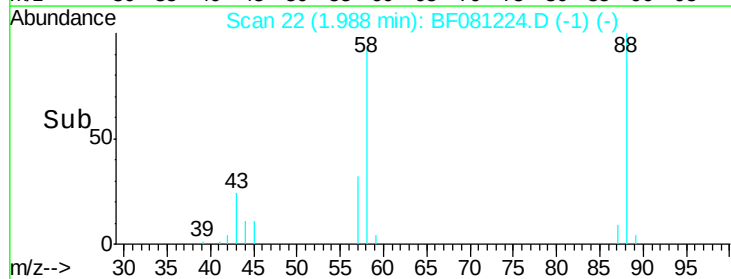
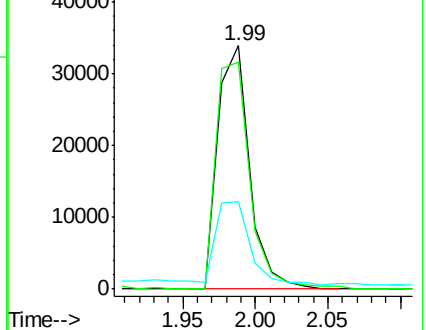
43 41.7 37.5 56.3

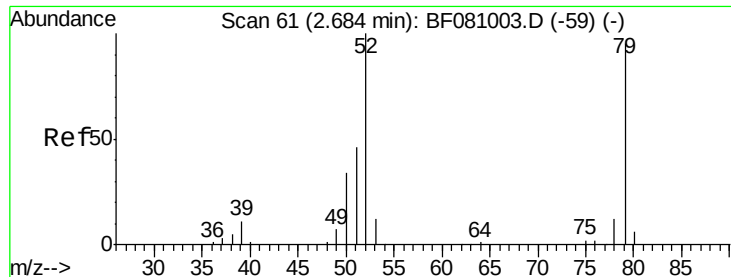


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

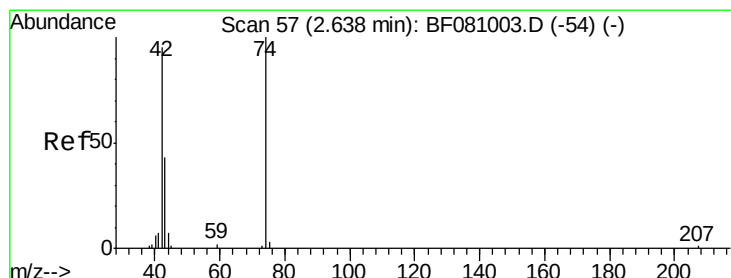
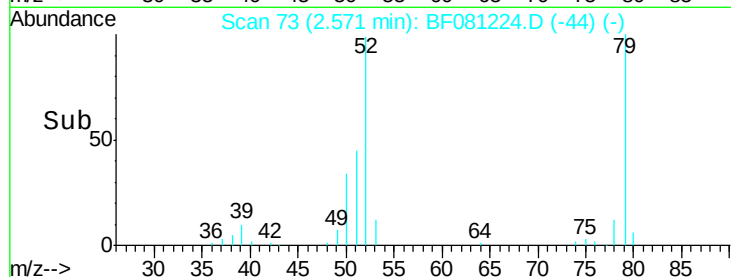
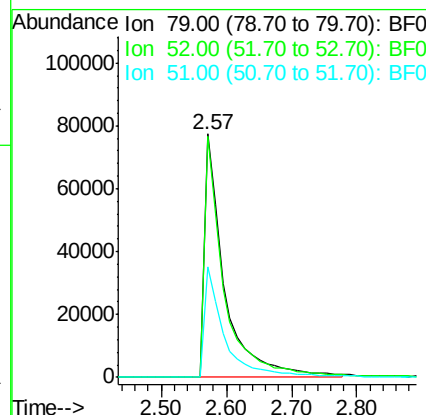
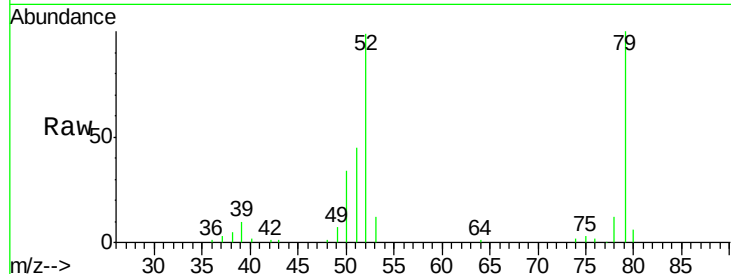




#3
 Pvrindine
 Concen: 37.28 ng
 RT: 2.57 min Scan# 73
 Delta R.T. 0.03 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

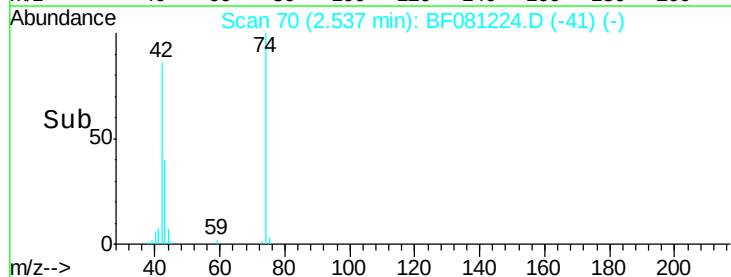
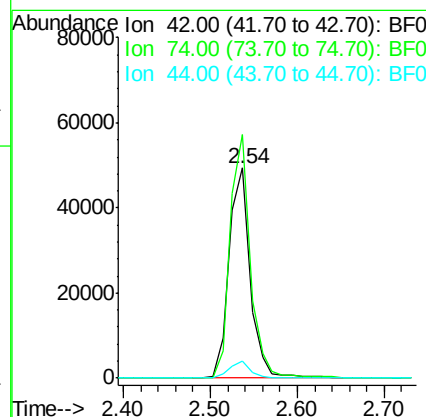
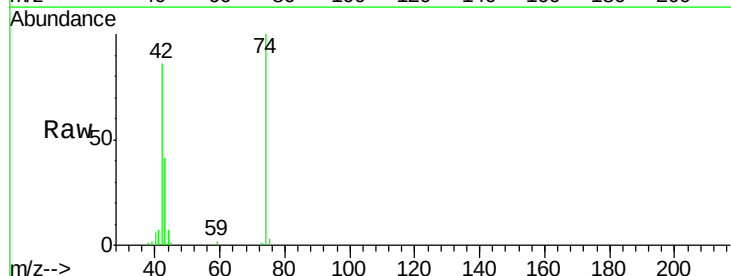
Instrument :
 BNA_F
 ClientSampleId :

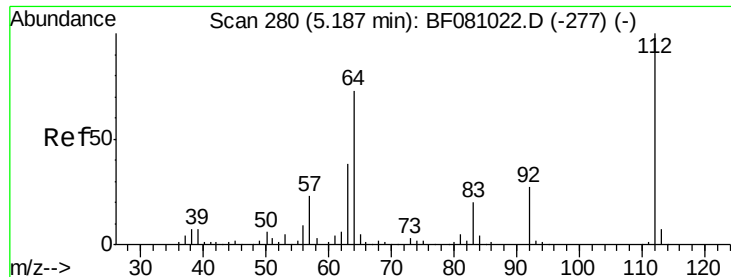
Tot Ion: 79 Resp: 163633
 Ion Ratio Lower Upper
 79 100
 52 98.8 95.1 142.7
 51 45.3 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 34.54 ng
 RT: 2.54 min Scan# 70
 Delta R.T. 0.03 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion: 42 Resp: 84408
 Ion Ratio Lower Upper
 42 100
 74 115.8 69.3 103.9#
 44 8.1 5.5 8.3





#5

2-Fluorophenol

Concen: 112.90 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081224.D

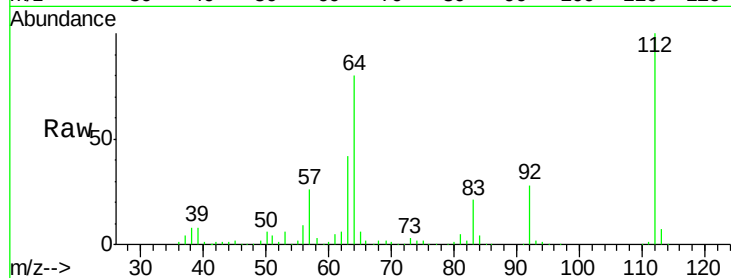
Acq: 26 Aug 2015 21:18

Instrument :

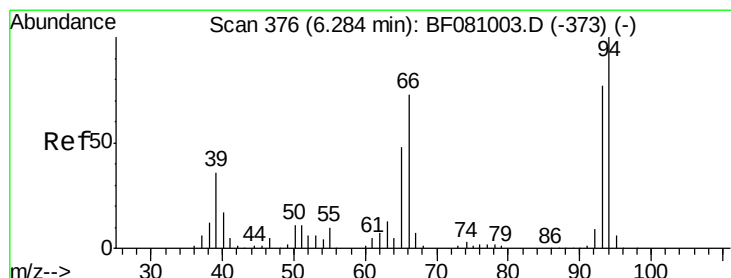
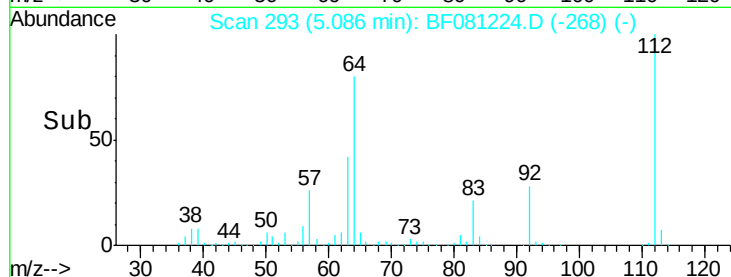
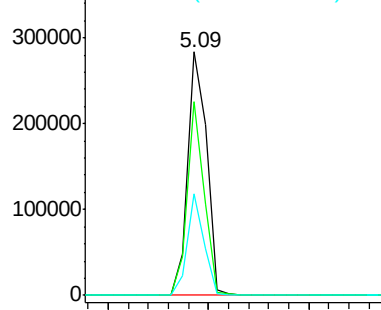
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	372586
Ion	Ratio	Lower	Upper
112	100		
64	79.6	66.9	100.3
63	41.6	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): BF081022.D (-277) (-)



#6

Aniline

Concen: 24.38 ng

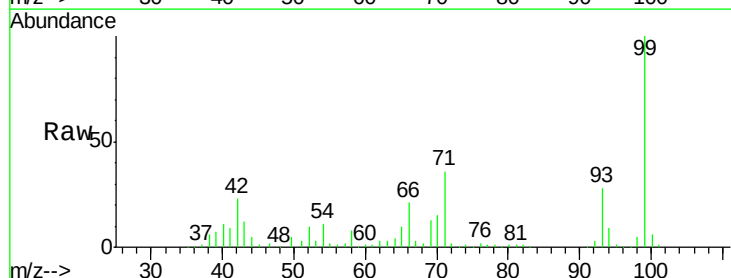
RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

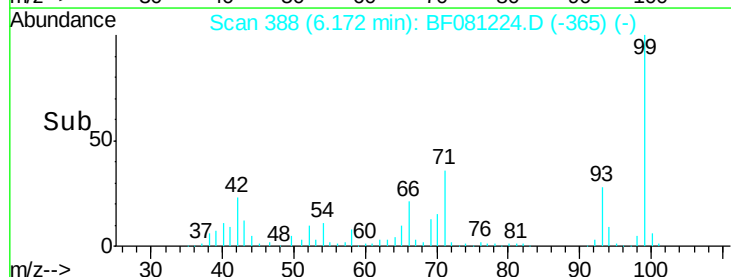
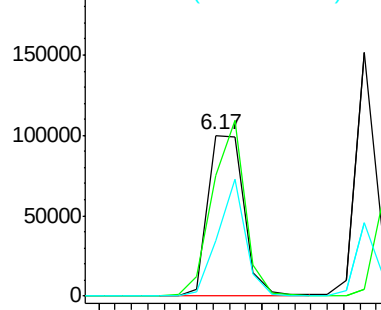
Lab File: BF081224.D

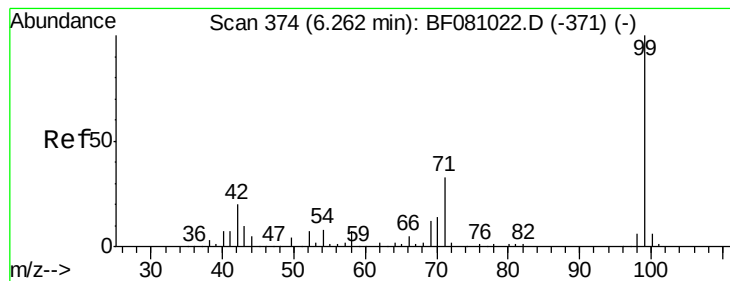
Acq: 26 Aug 2015 21:18

Tgt Ion:	93	Resp:	152666
Ion	Ratio	Lower	Upper
93	100		
66	75.1	35.6	53.4#
65	34.5	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF081003.D (-373) (-)





#7

Phenol-d6

Concen: 112.46 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

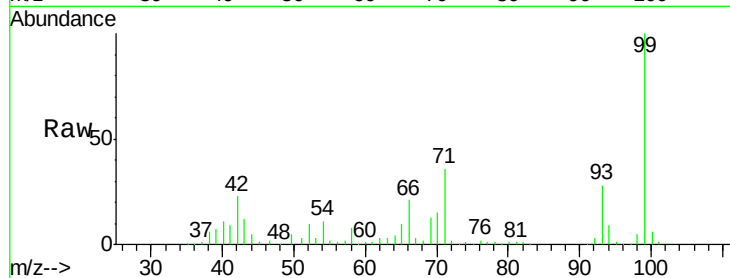
Tot Ion: 99 Resp: 484227

Ion Ratio Lower Upper

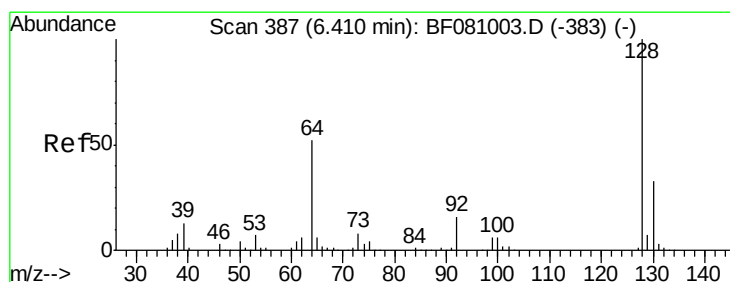
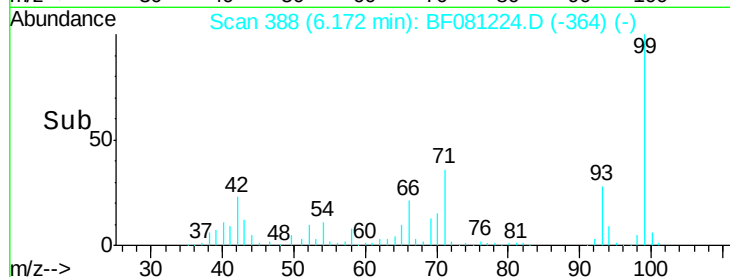
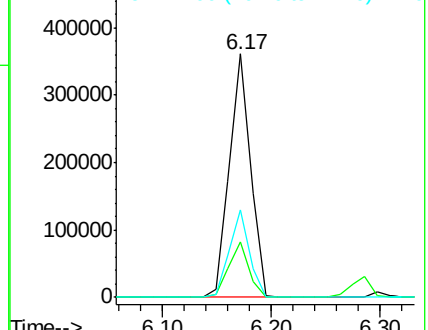
99 100

42 23.0 19.6 29.4

71 35.9 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: 37.04 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

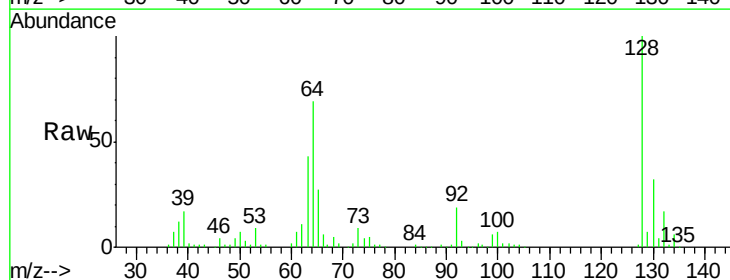
Tgt Ion:128 Resp: 133791

Ion Ratio Lower Upper

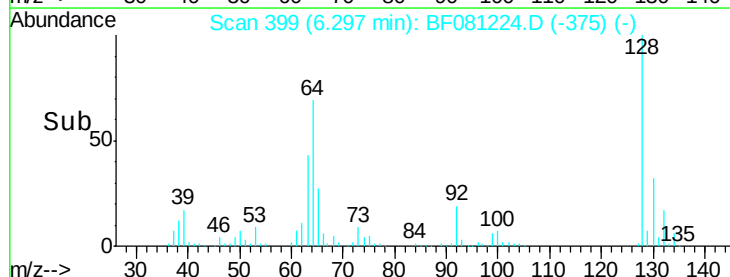
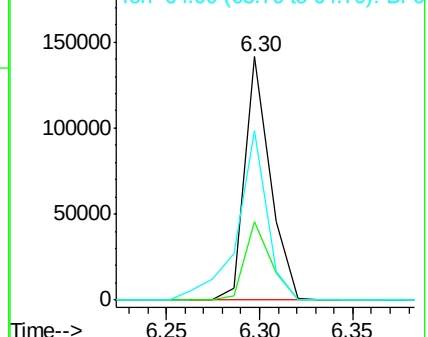
128 100

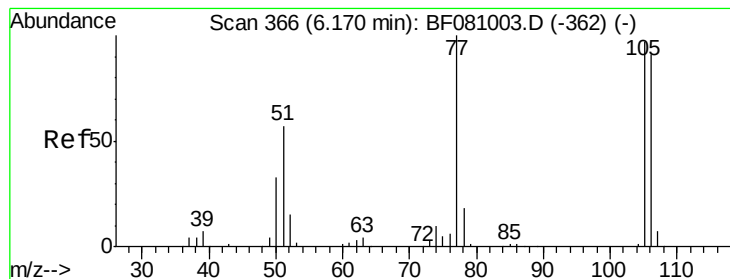
130 32.1 12.5 52.5

64 69.4 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: 10.18 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

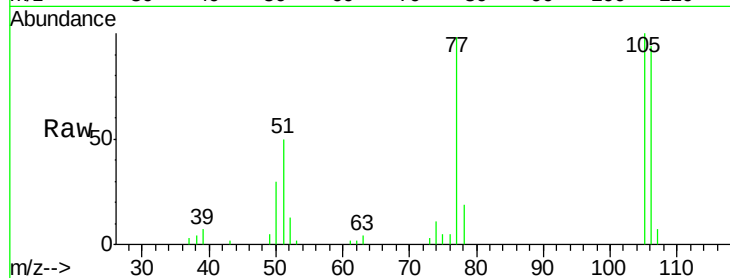
Tot Ion: 77 Resp: 28270

Ion Ratio Lower Upper

77 100

105 102.0 69.6 109.6

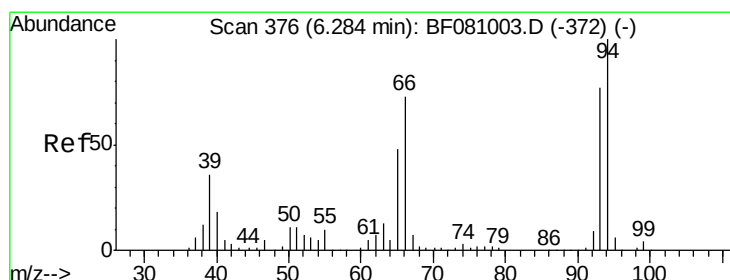
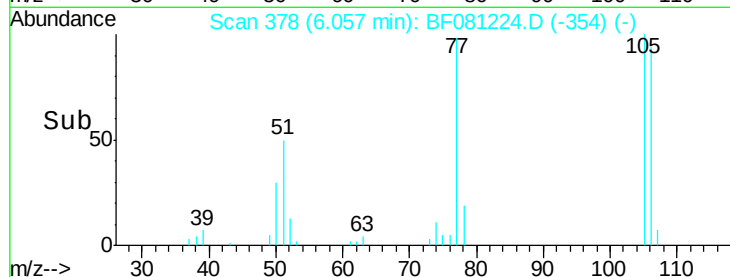
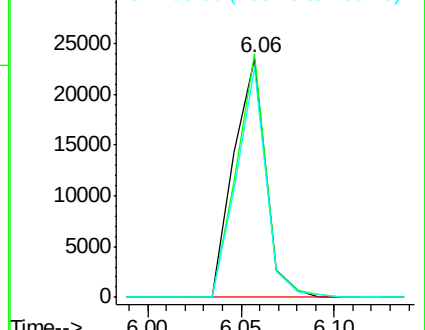
106 96.3 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.85 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

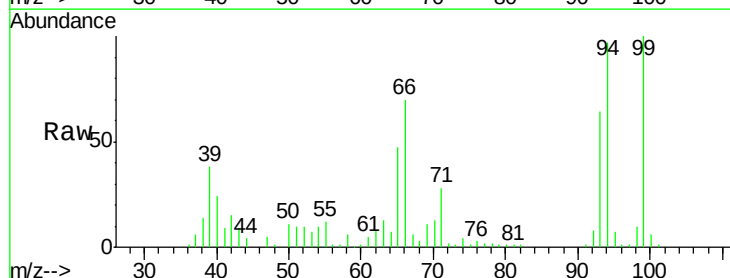
Tgt Ion: 94 Resp: 161963

Ion Ratio Lower Upper

94 100

65 48.2 28.4 68.4

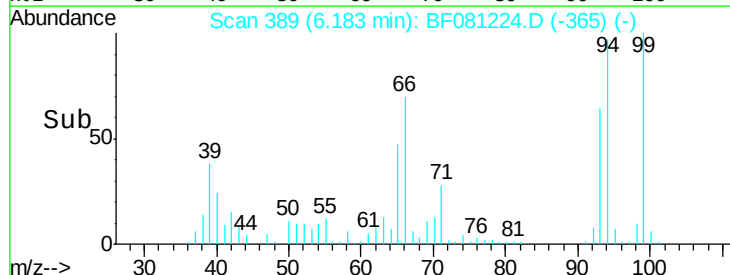
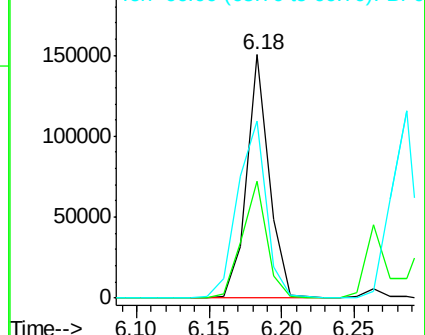
66 72.5 52.3 92.3

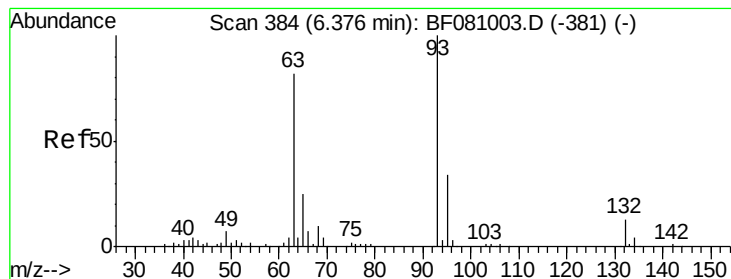


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.42 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

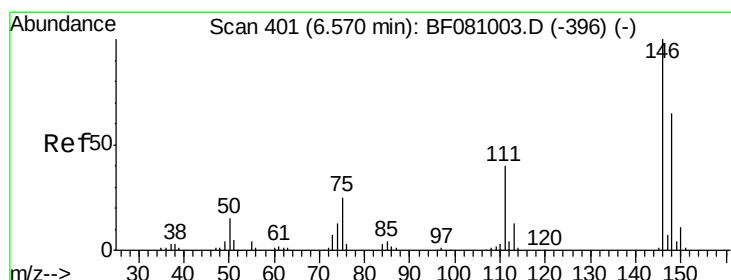
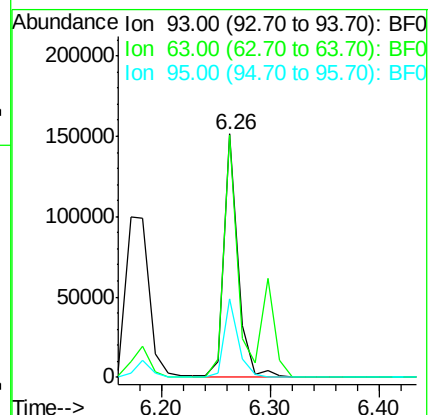
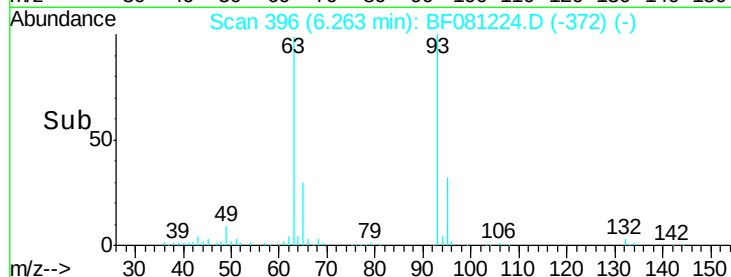
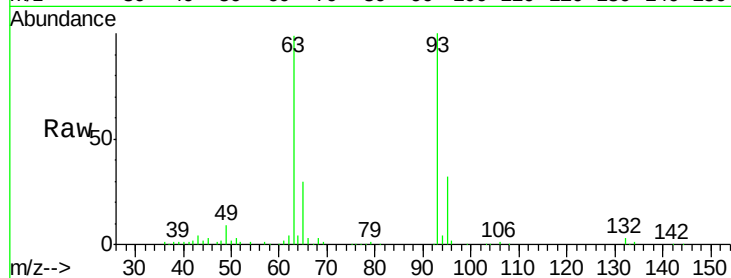
Tot Ion: 93 Resp: 138221

Ion Ratio Lower Upper

93 100

63 99.5 69.6 109.6

95 32.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.39 ng

RT: 6.46 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

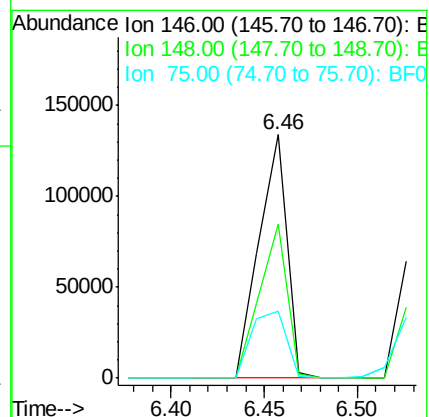
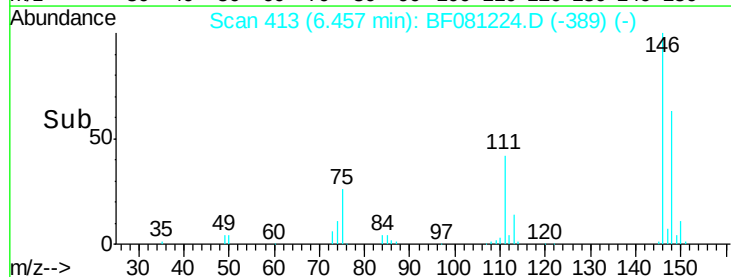
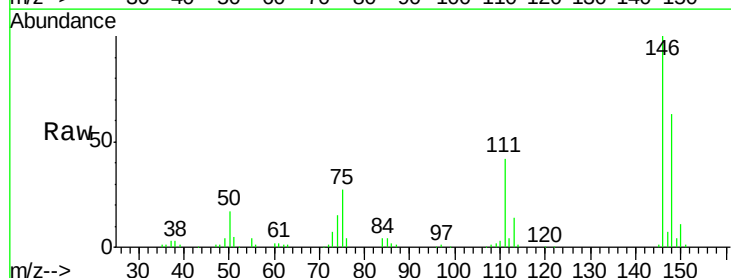
Tgt Ion: 146 Resp: 141260

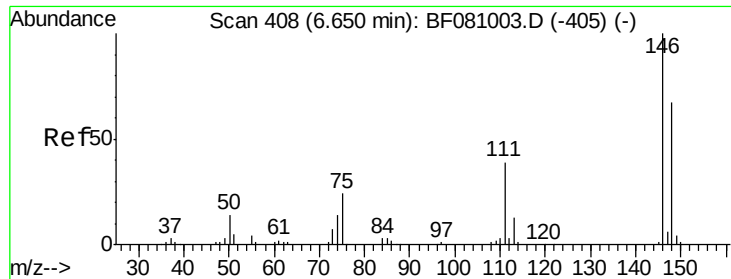
Ion Ratio Lower Upper

146 100

148 63.4 53.3 79.9

75 27.4 25.0 37.6

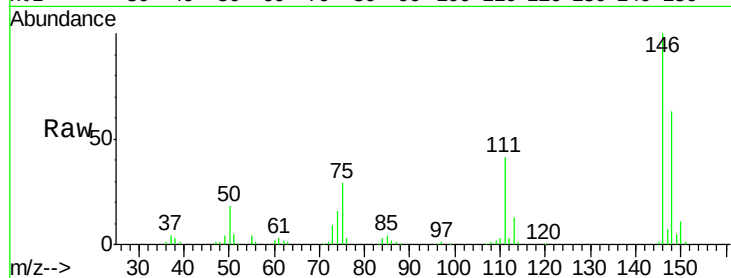




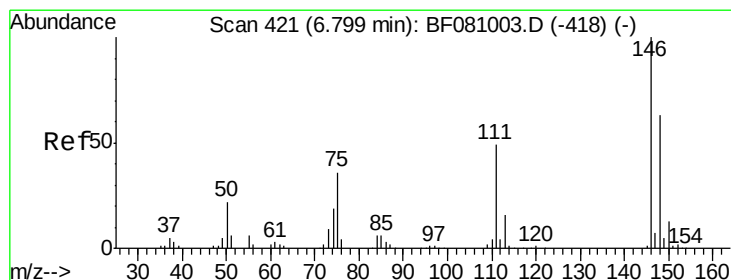
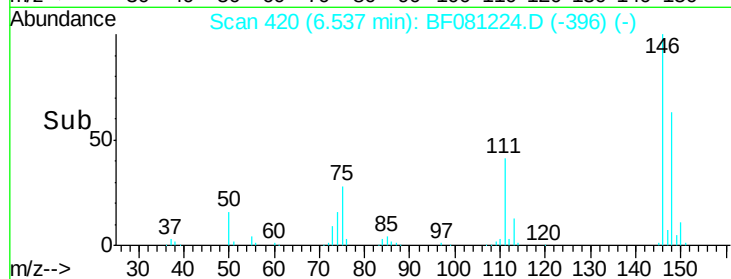
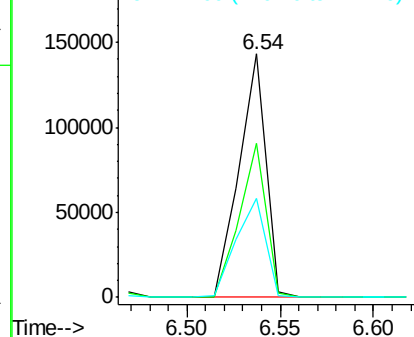
#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 145495
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.3 78.5
 111 40.8 34.4 51.6

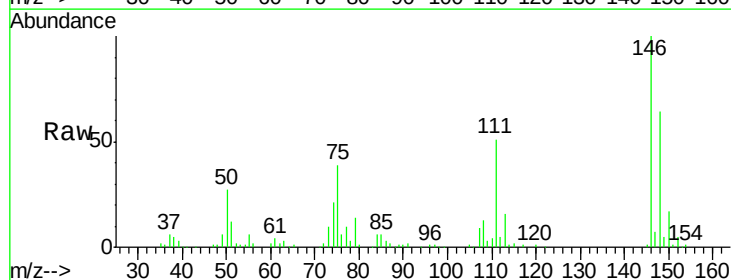


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

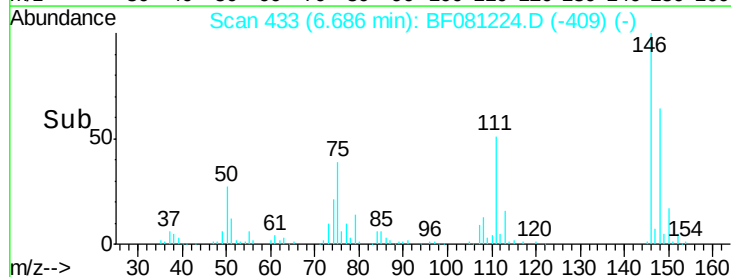
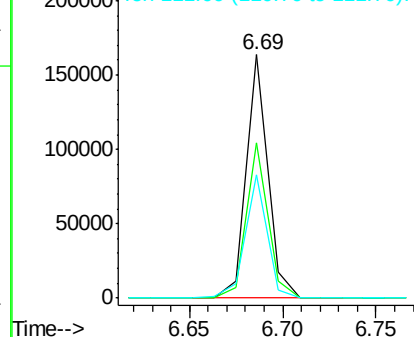


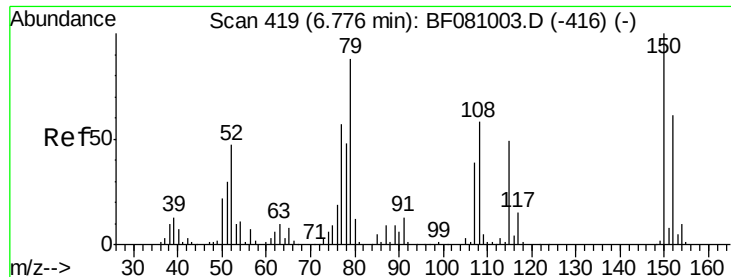
#14
 1,2-Dichlorobenzene
 Concen: 36.82 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion:146 Resp: 132448
 Ion Ratio Lower Upper
 146 100
 148 63.9 48.7 73.1
 111 50.6 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

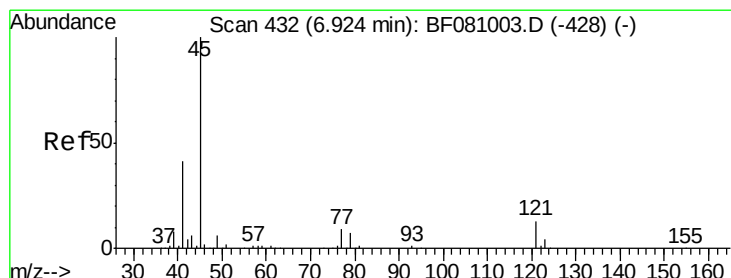
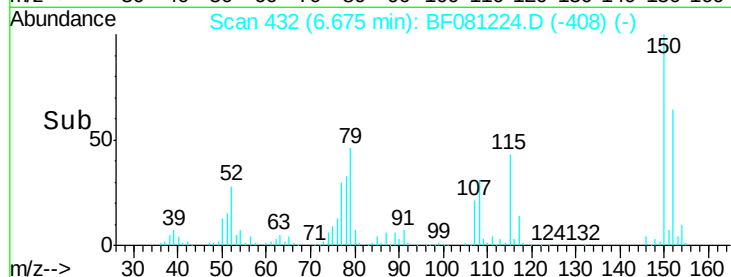
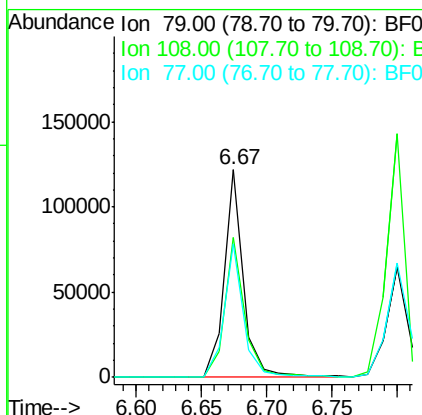
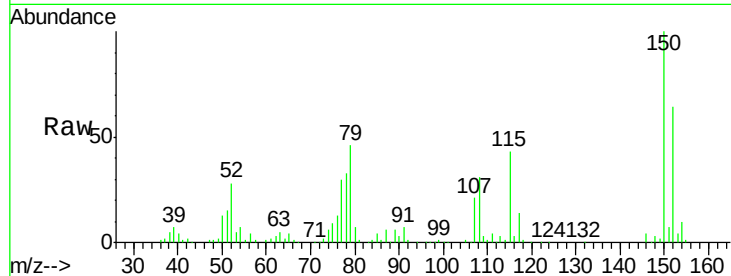




#15
Benzyl Alcohol
Concen: 36.02 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

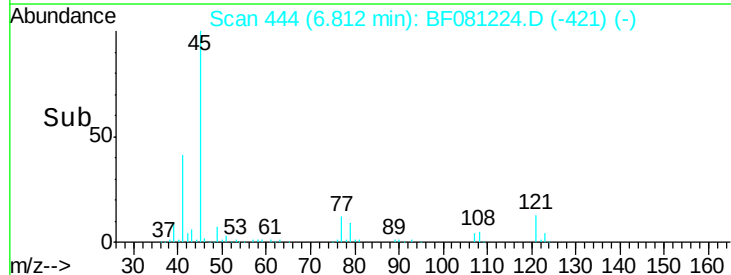
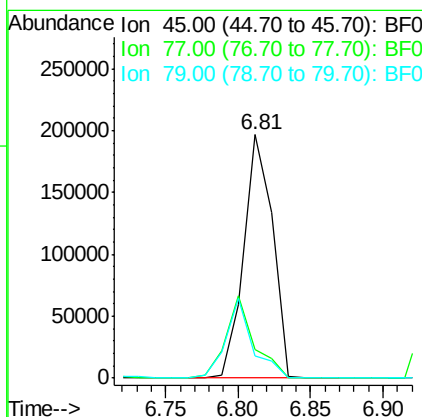
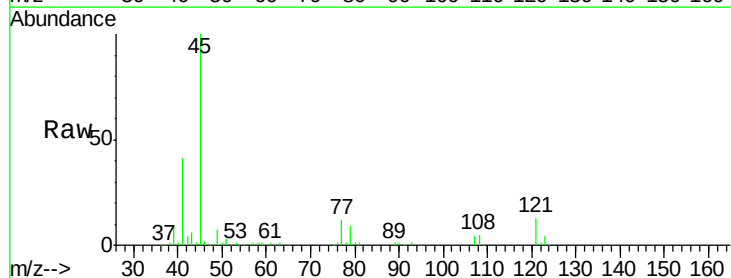
Instrument :
BNA_F
ClientSampled :

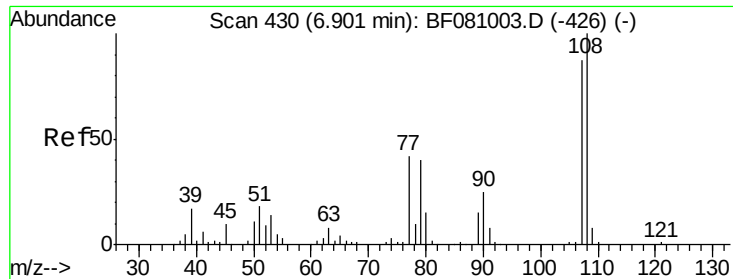
Tot Ion: 79 Resp: 125473
Ion Ratio Lower Upper
79 100
108 67.6 49.4 74.2
77 64.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.21 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion: 45 Resp: 269980
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.2
79 9.0 0.0 28.0

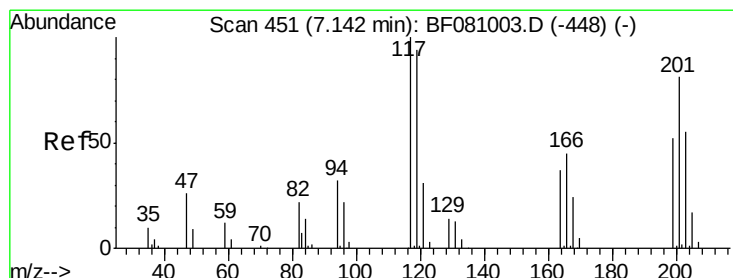
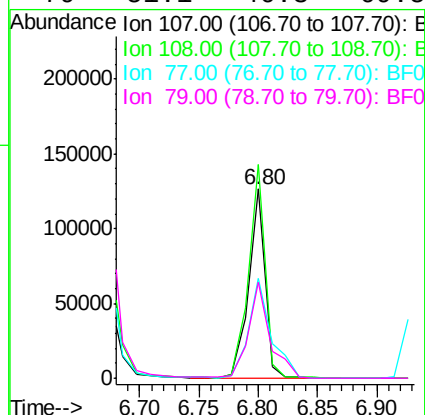
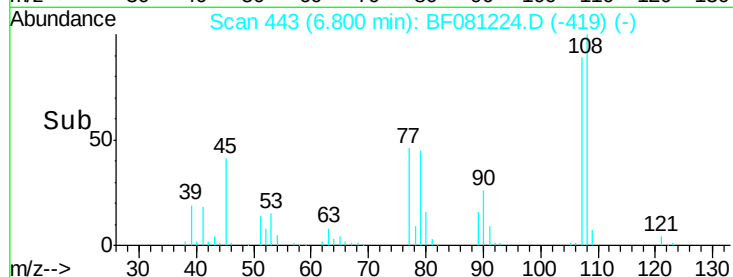
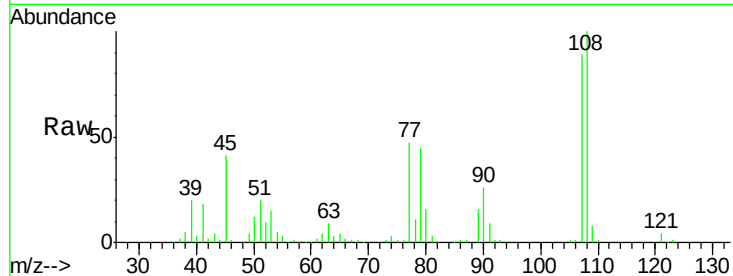




#17
2-Methylphenol
Concen: 39.81 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

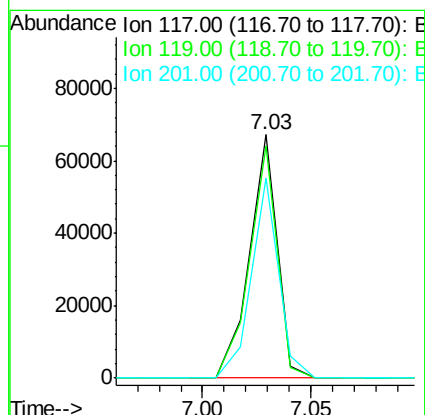
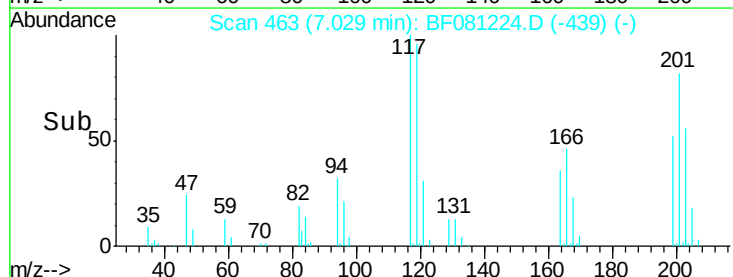
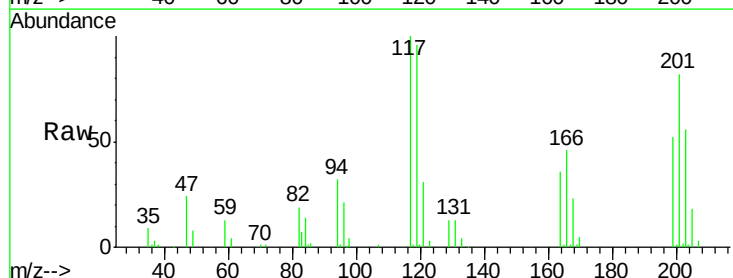
Instrument :
BNA_F
ClientSampleId :

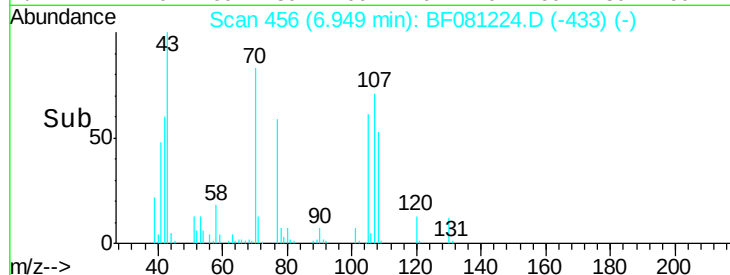
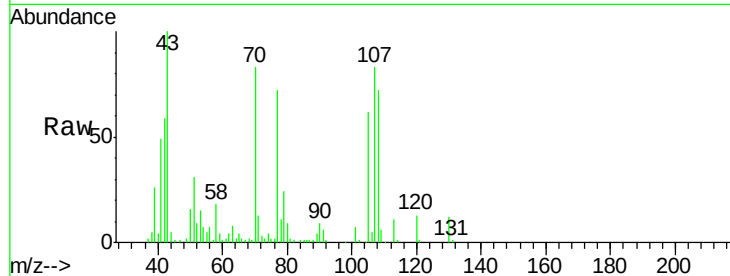
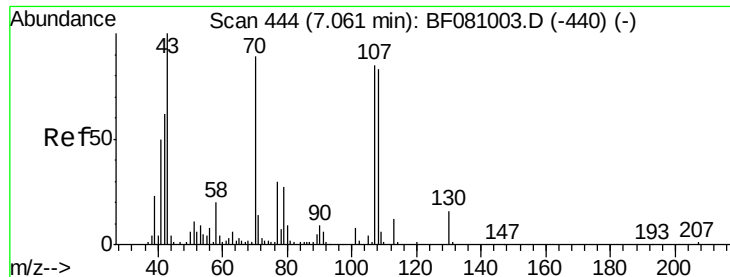
Tot Ion:	107	Resp:	123395
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.4	135.6
77	52.8	46.5	69.7
79	51.1	46.3	69.5



#18
Hexachloroethane
Concen: 38.16 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:	117	Resp:	59265
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.9	116.9
201	82.3	61.3	91.9

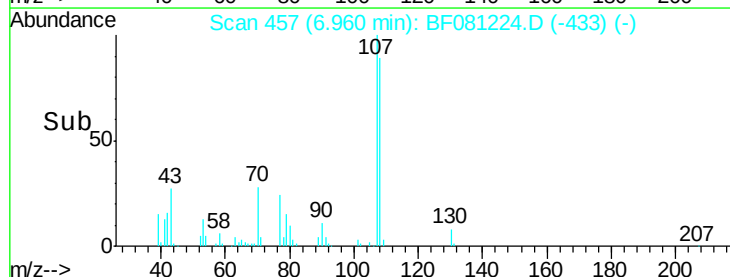
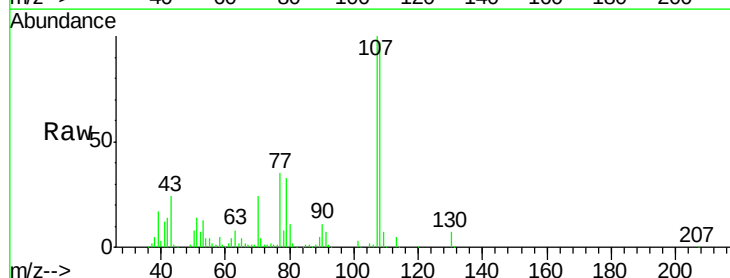
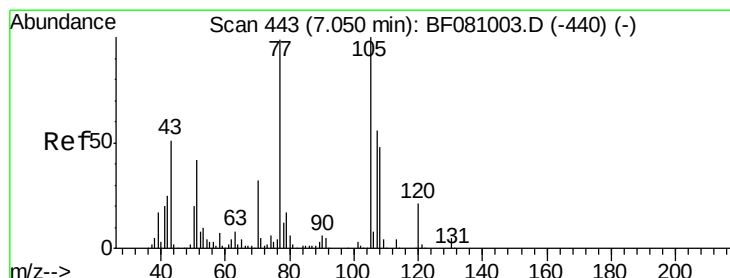
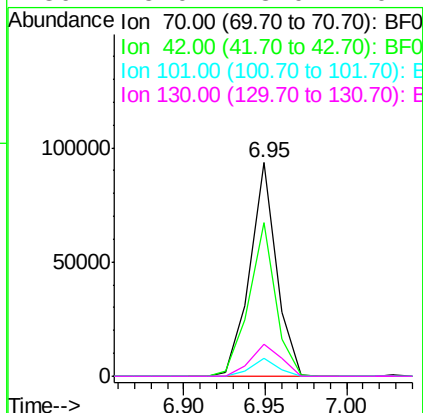




#19
n-Nitroso-di-n-propylamine
Concen: 35.48 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

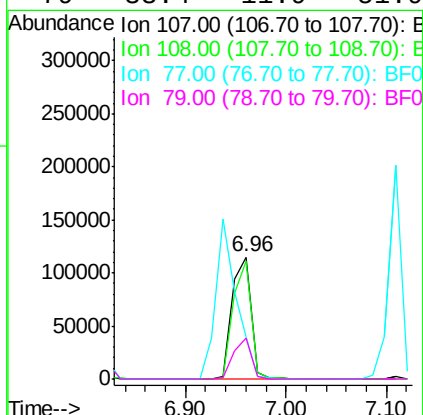
Instrument :
BNA_F
ClientSampled :

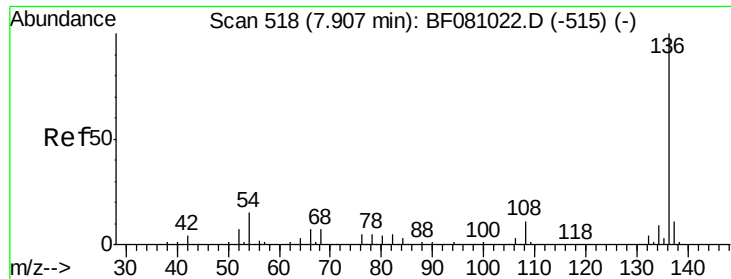
Tot Ion:	70	Resp:	105838
Ion	Ratio	Lower	Upper
70	100		
42	71.7	65.0	97.4
101	8.3	7.4	11.2
130	15.0	13.0	19.4



#20
3+4-Methylphenols
Concen: 38.78 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:	107	Resp:	152565
Ion	Ratio	Lower	Upper
107	100		
108	96.9	66.1	106.1
77	35.2	139.3	179.3#
79	33.4	11.9	51.9

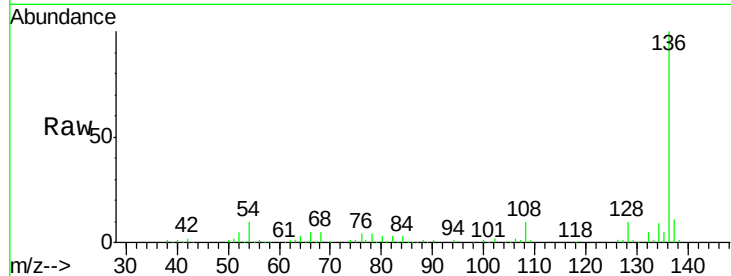




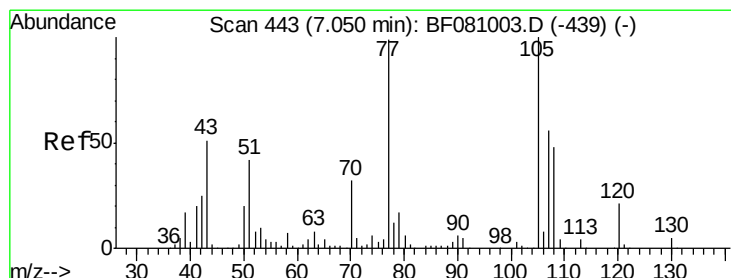
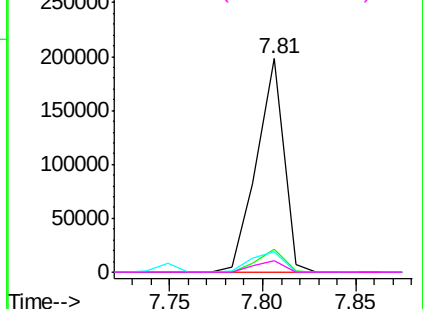
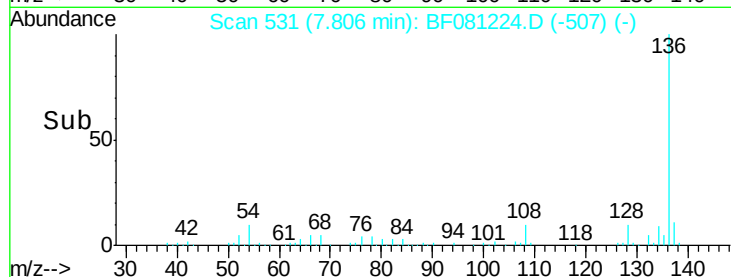
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	200560
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.2
54 9.5	7.7	11.5
68 5.4	3.4	5.2#

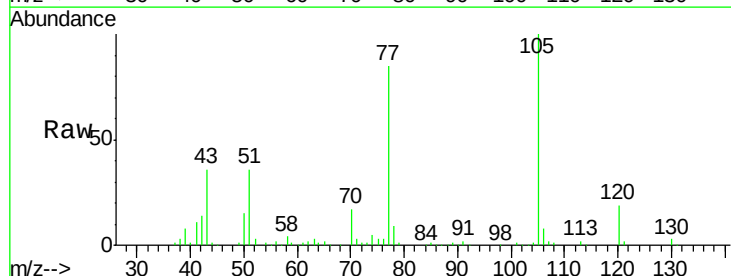


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

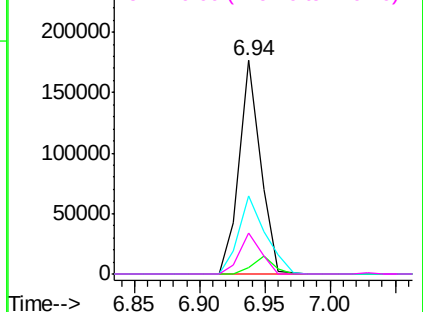
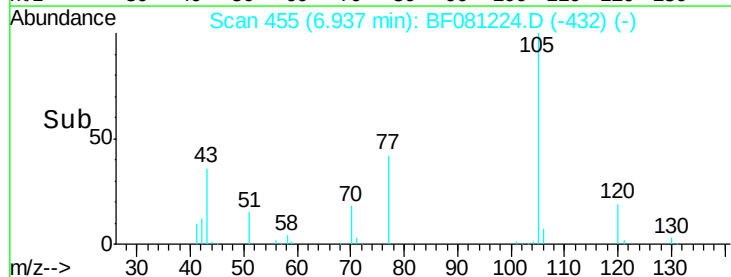


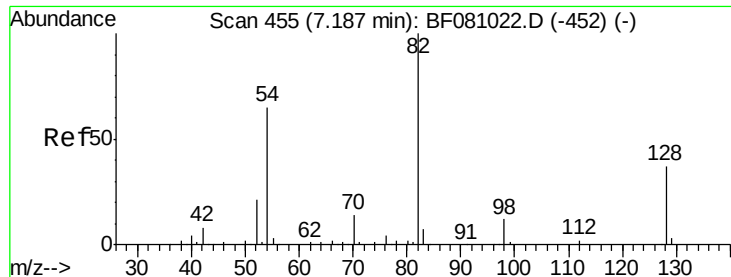
#22
Acetophenone
Concen: 38.07 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:105	Resp:	200430
Ion Ratio	Lower	Upper
105 100		
71 3.0	3.0	4.6#
51 36.4	39.8	59.8#
120 19.1	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

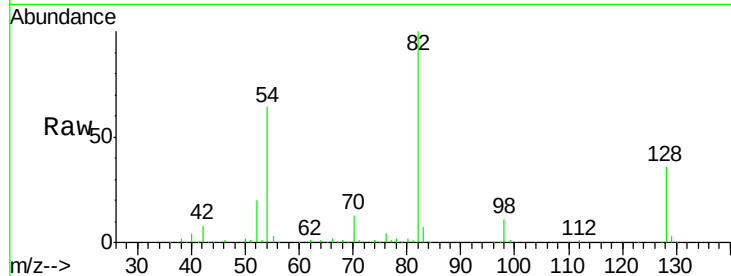




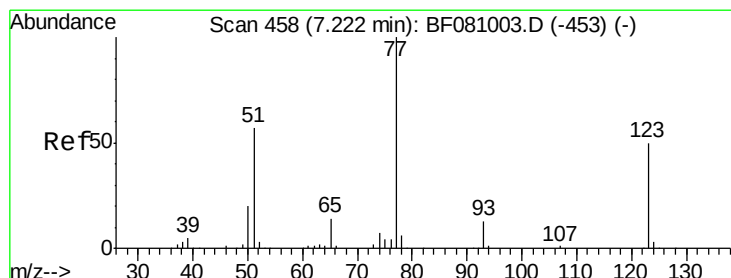
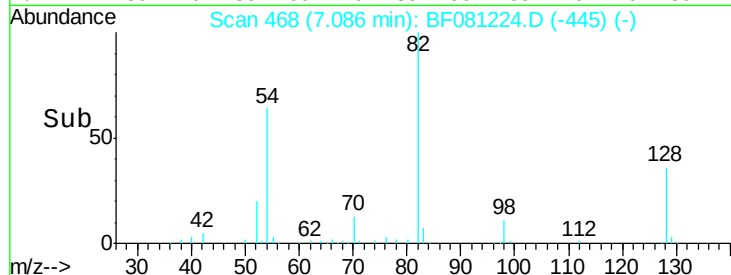
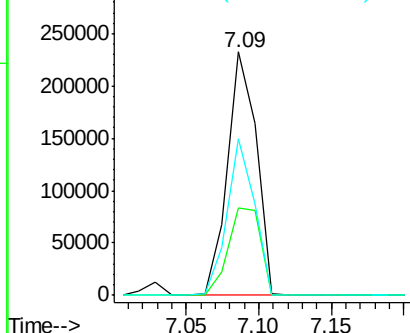
#23
 Nitrobenzene-d5
 Concen: 73.10 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	320917
Ion Ratio	Lower	Upper	
82	100		
128	36.2	28.6	42.8
54	64.1	55.1	82.7

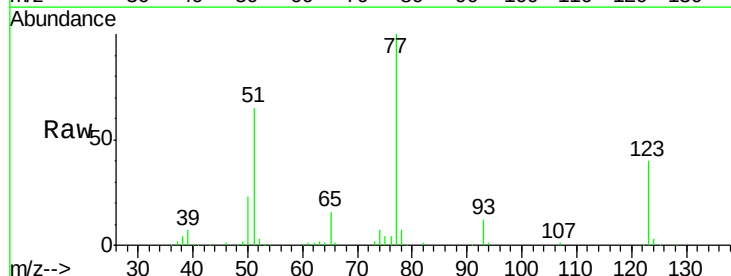


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

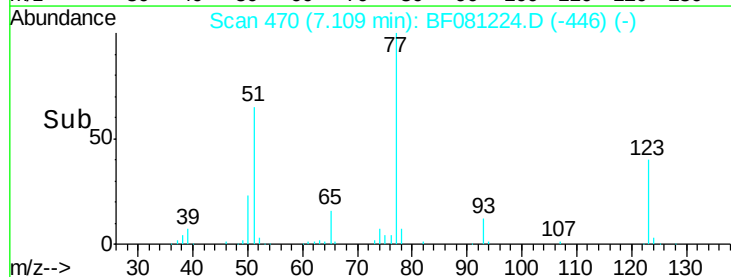
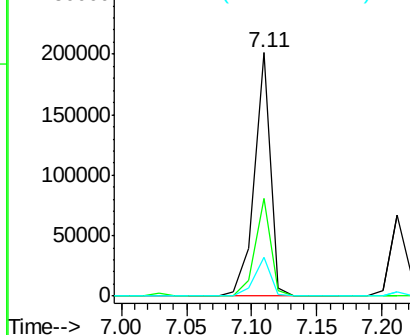


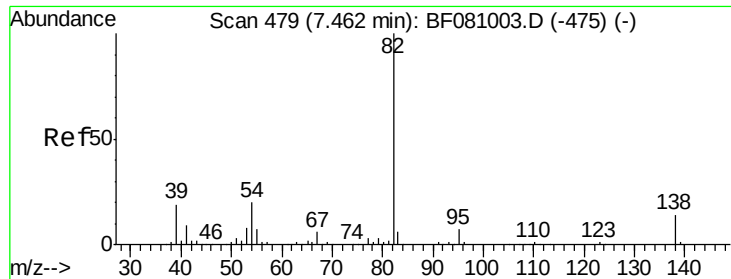
#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	77	Resp	173346
Ion Ratio	Lower	Upper	
77	100		
123	40.3	32.9	49.3
65	15.8	12.5	18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.23 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

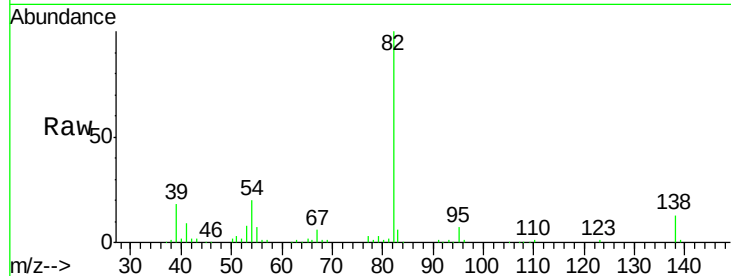
Tot Ion: 82 Resp: 288471

Ion Ratio Lower Upper

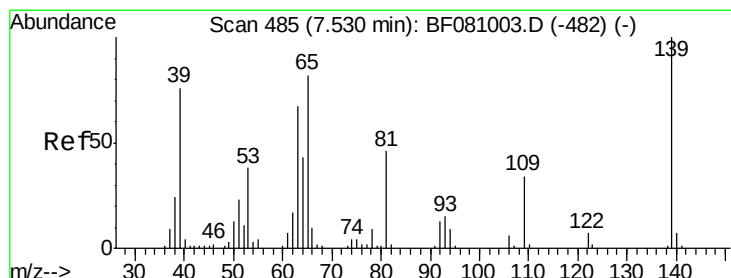
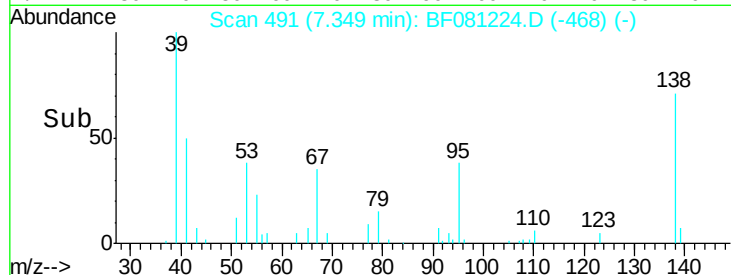
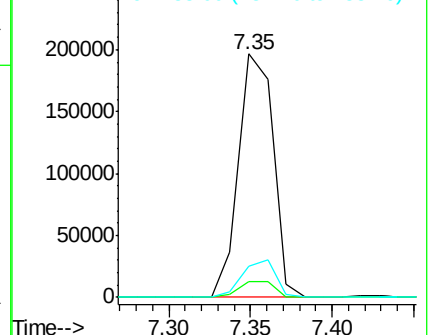
82 100

95 6.7 6.2 9.2

138 12.8 10.5 15.7



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



#26

2-Nitrophenol

Concen: 39.75 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

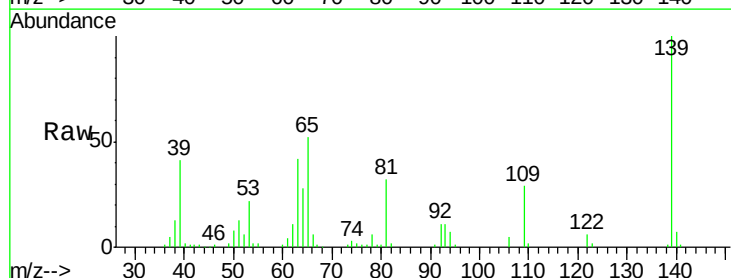
Tgt Ion: 139 Resp: 75885

Ion Ratio Lower Upper

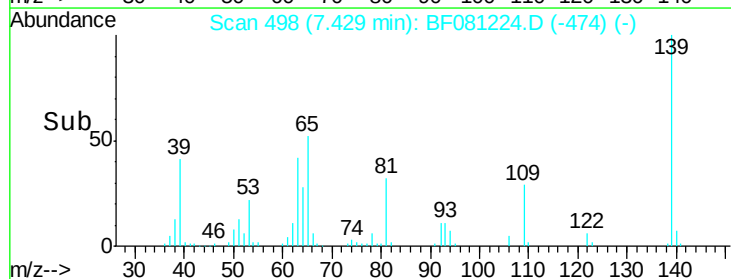
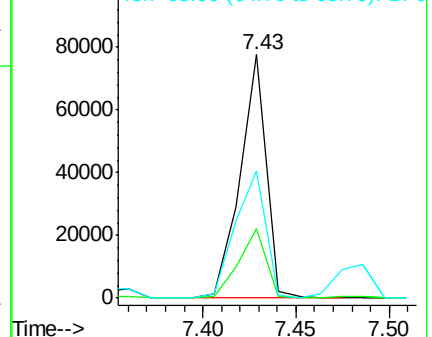
139 100

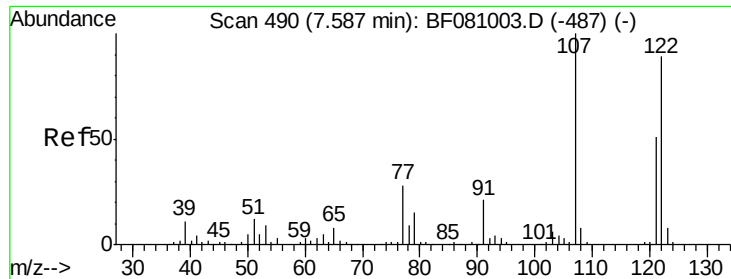
109 28.5 32.1 48.1#

65 52.5 69.9 104.9#



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

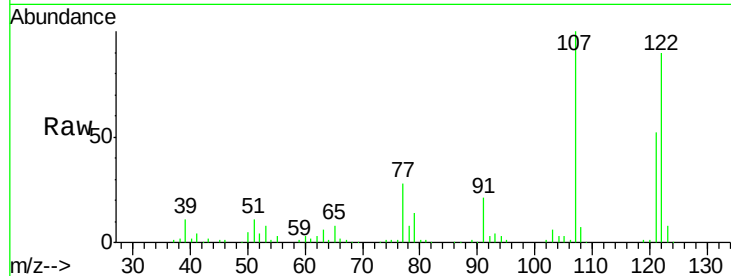




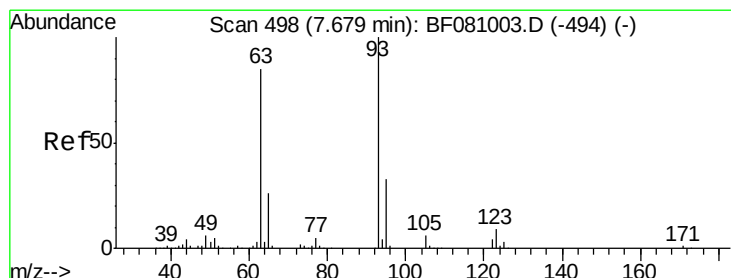
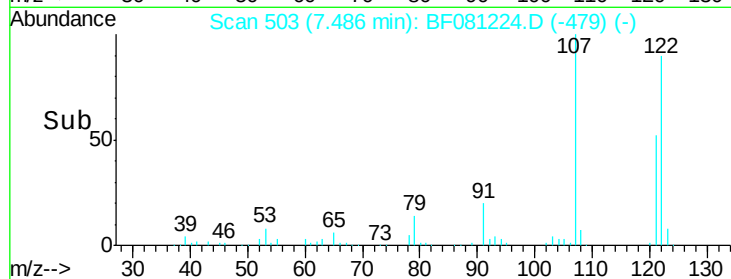
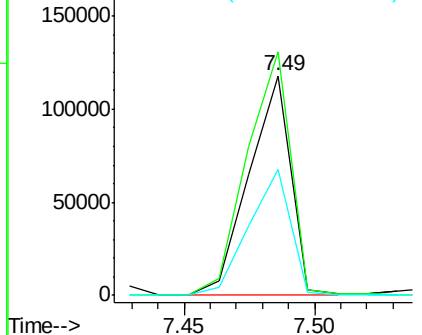
#27
 2,4-Dimethylphenol
 Concen: 39.46 ng
 RT: 7.49 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 133254
 Ion Ratio Lower Upper
 122 100
 107 111.0 103.8 155.6
 121 57.5 47.0 70.4

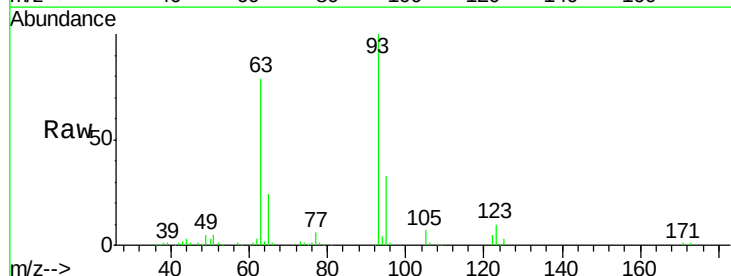


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

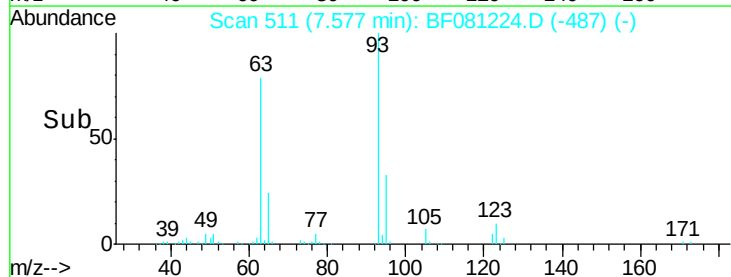
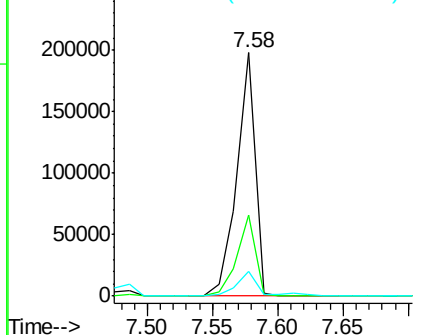


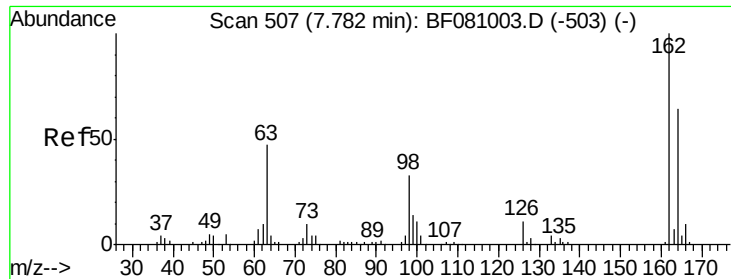
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 7.58 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion: 93 Resp: 192643
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.8
 123 10.0 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

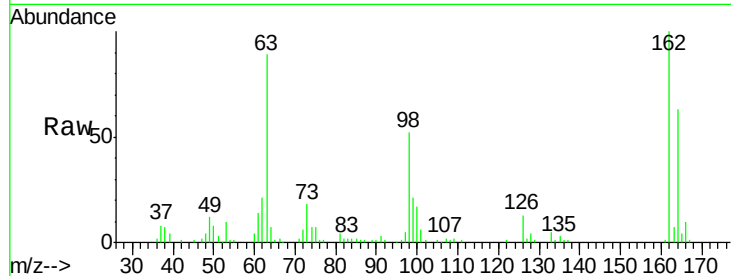




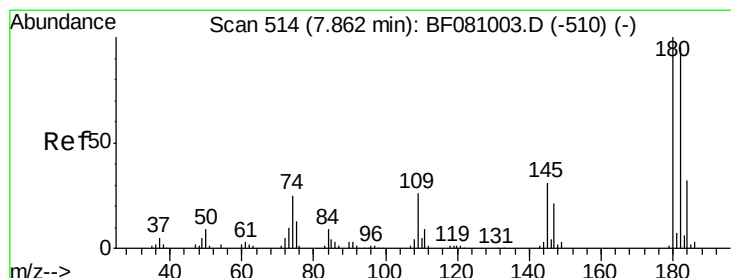
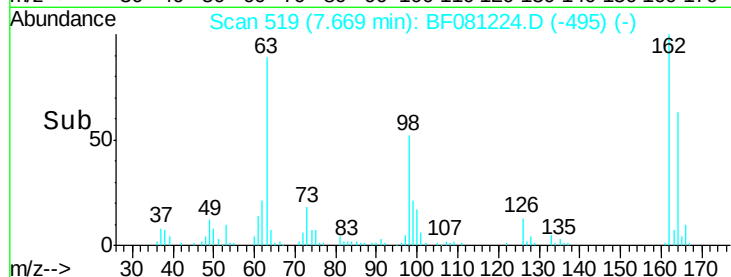
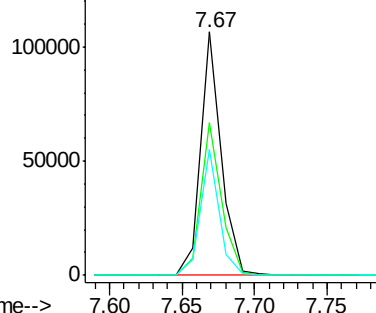
#29
 2,4-Dichlorophenol
 Concen: 36.88 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.2	83.2
98	51.6	12.3	52.3

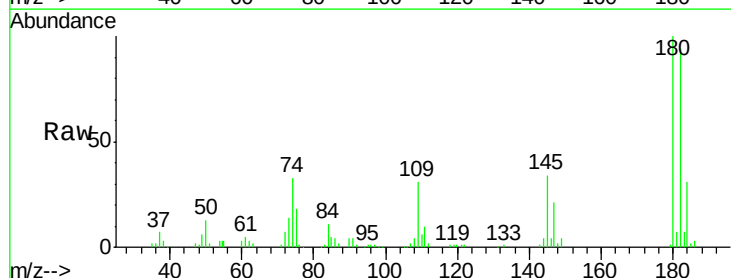


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

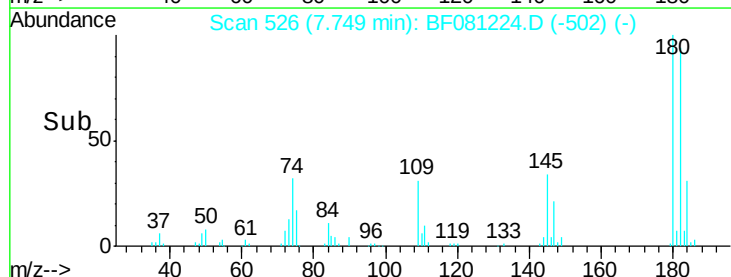
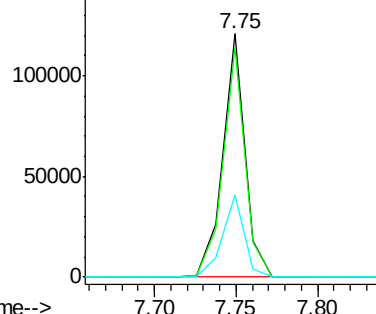


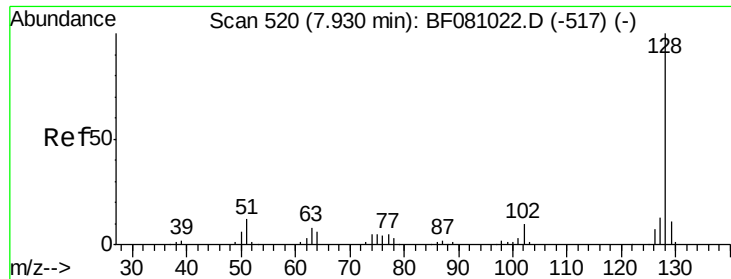
#30
 1,2,4-Trichlorobenzene
 Concen: 36.18 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	33.9	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

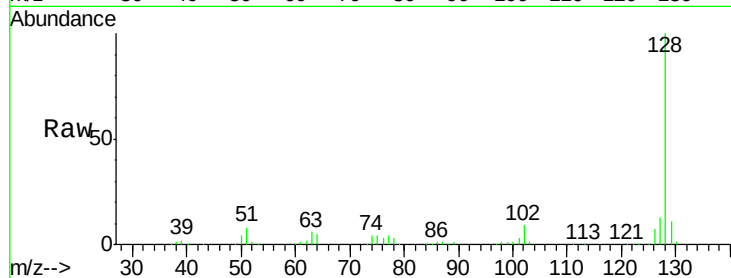




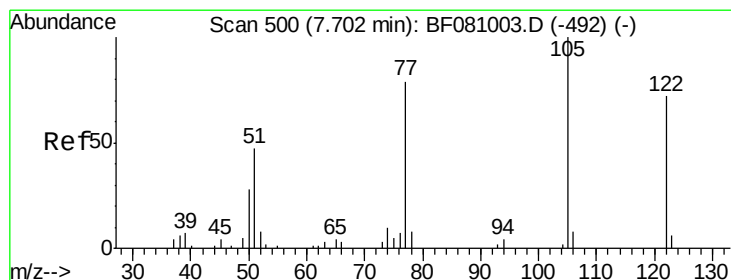
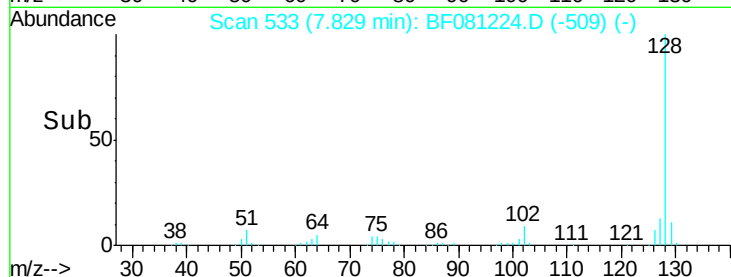
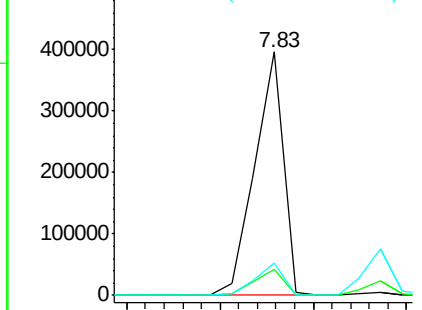
#31
Naphthalene
Concen: 37.52 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 419441
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.6 16.0

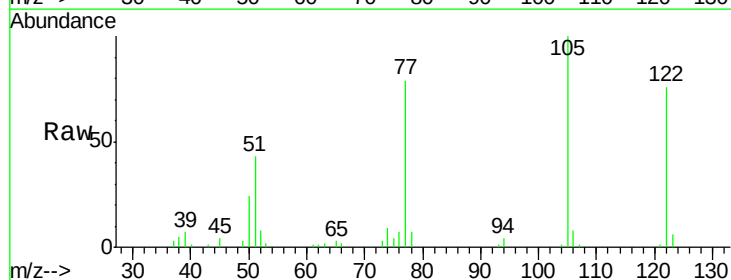


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

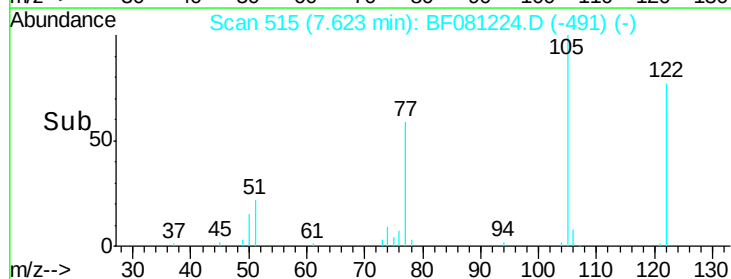
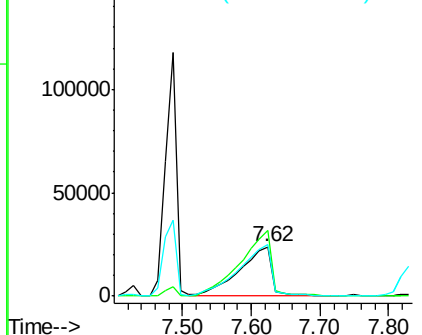


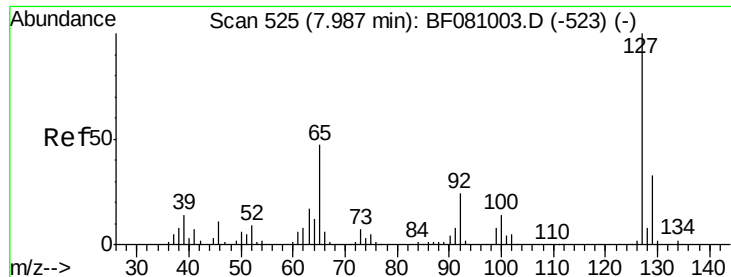
#32
Benzoic acid
Concen: 41.86 ng
RT: 7.62 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:122 Resp: 79515
Ion Ratio Lower Upper
122 100
105 131.6 113.8 153.8
77 104.6 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

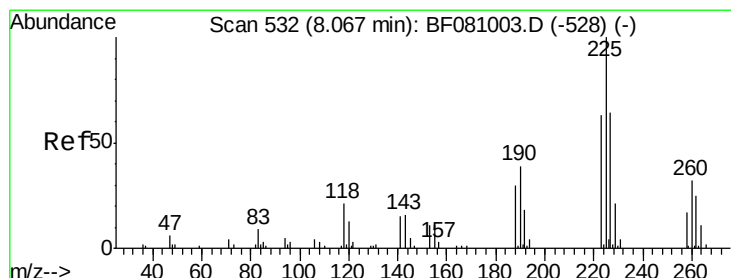
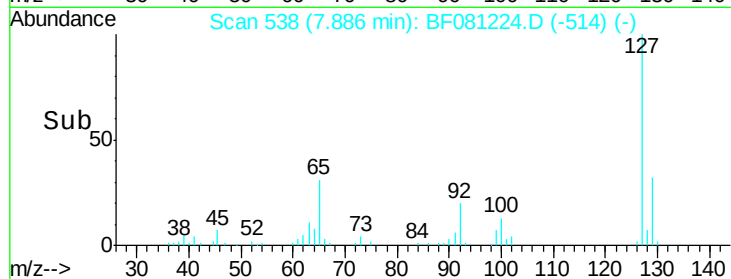
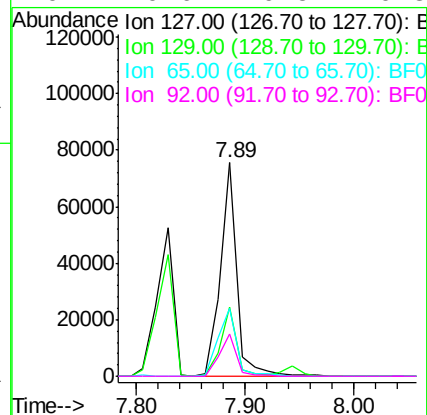
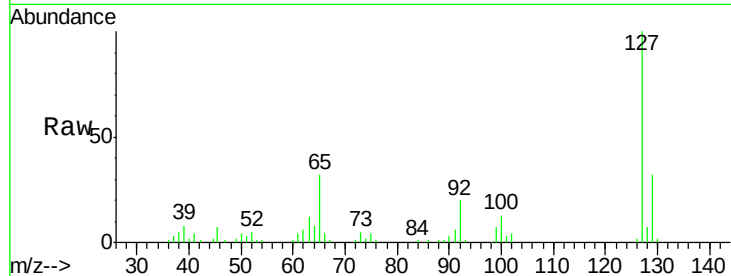




#33
4-Chloroaniline
Concen: 17.12 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

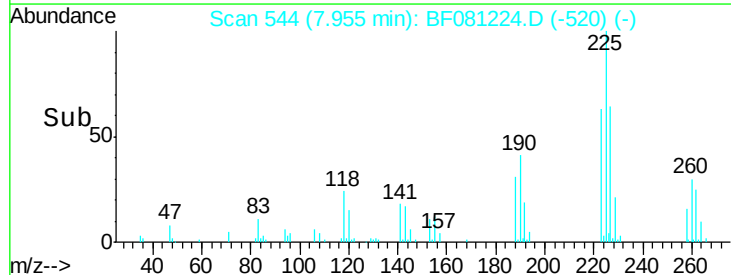
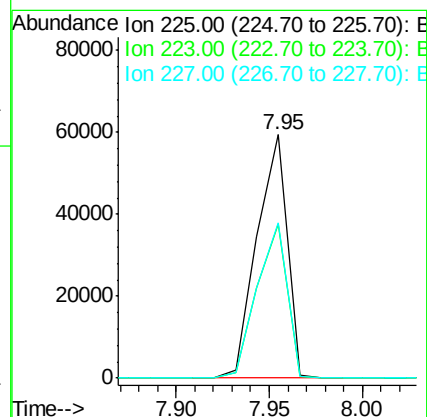
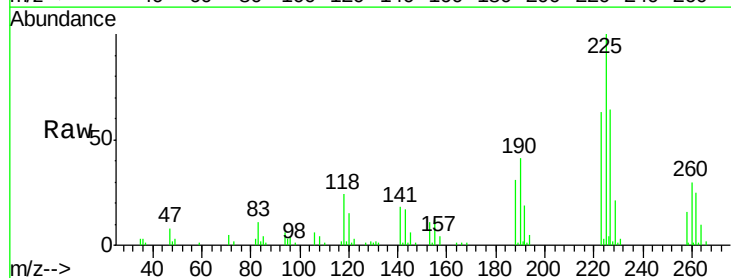
Instrument :
BNA_F
ClientSampled :

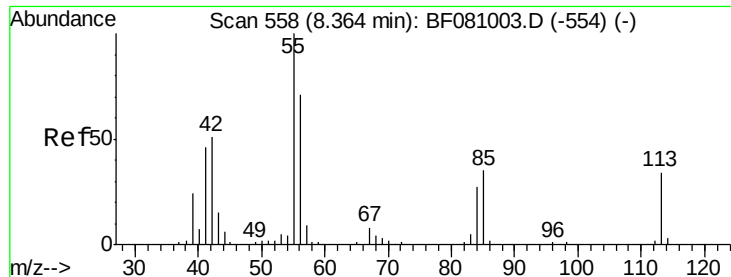
Tot Ion:	127	Resp:	80762
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.2	37.8
65	31.9	37.8	56.6#
92	19.6	19.5	29.3



#34
Hexachlorobutadiene
Concen: 37.09 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:	225	Resp:	66283
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.6	79.0
227	63.8	51.1	76.7





#35

Caprolactam

Concen: 25.97 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

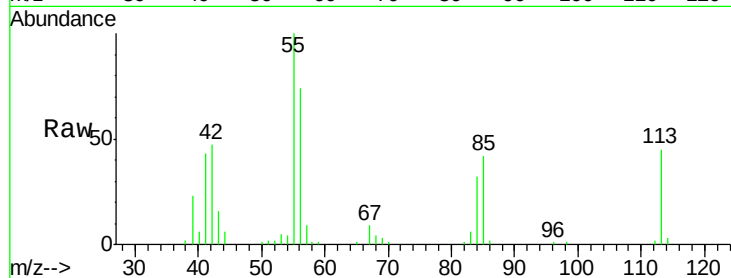
Tot Ion:113 Resp: 25808

Ion Ratio Lower Upper

113 100

55 222.2 280.4 320.4#

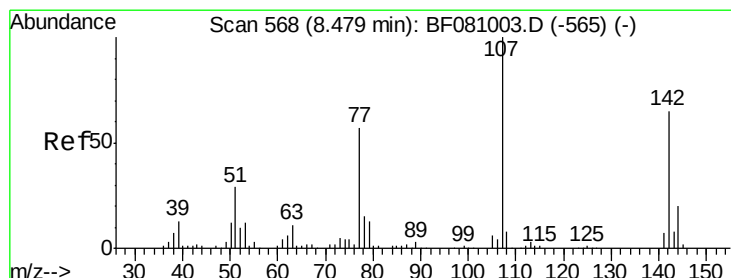
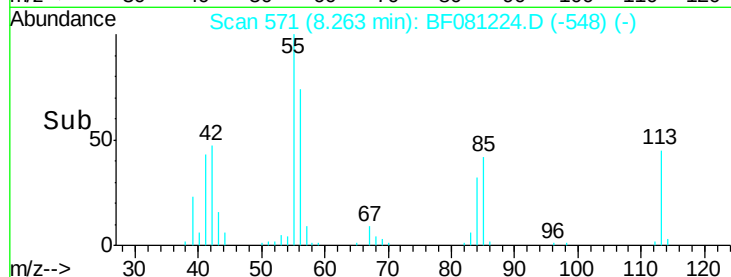
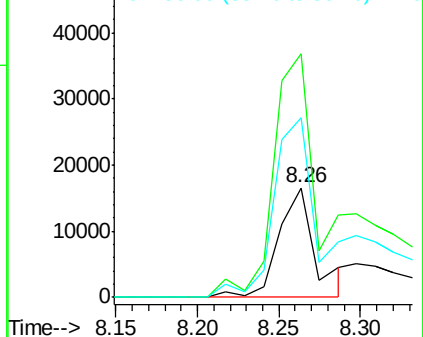
56 164.2 205.9 245.9#



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: 37.17 ng

RT: 8.38 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

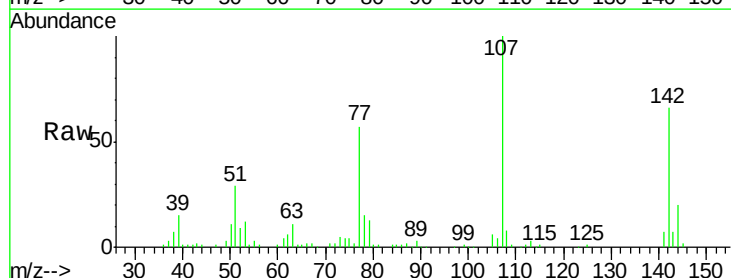
Tgt Ion:107 Resp: 125950

Ion Ratio Lower Upper

107 100

144 20.4 17.2 25.8

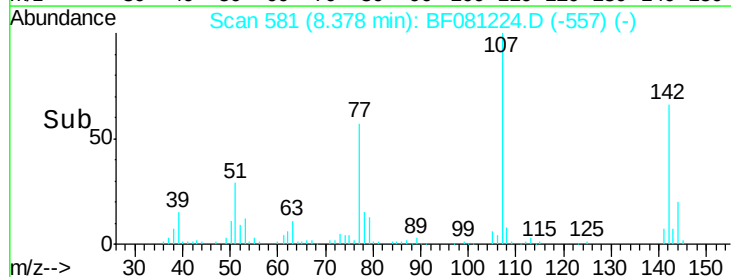
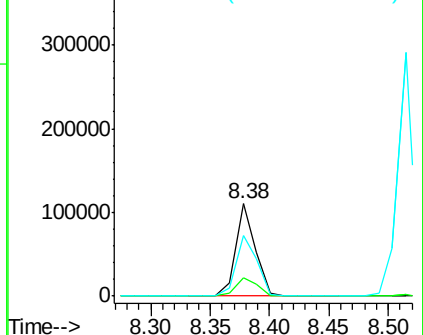
142 65.7 54.9 82.3

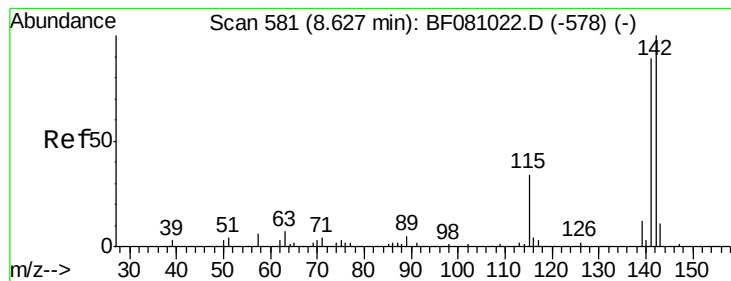


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.68 ng

RT: 8.51 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

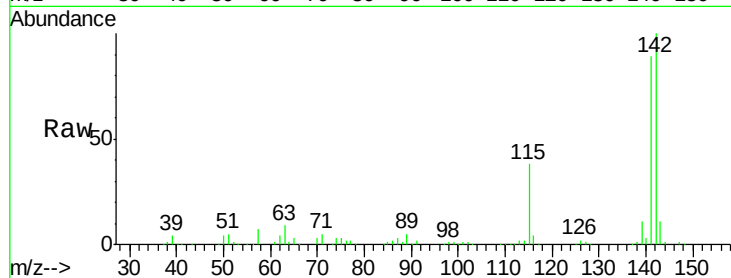
Tot Ion:142 Resp: 259014

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

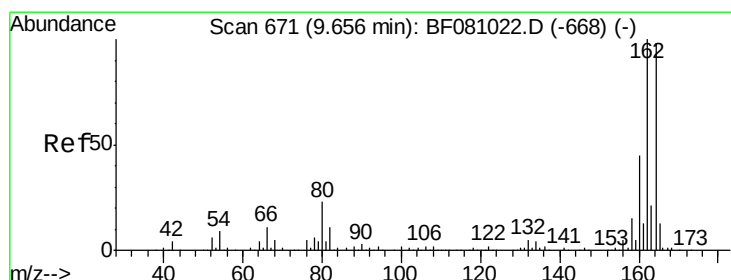
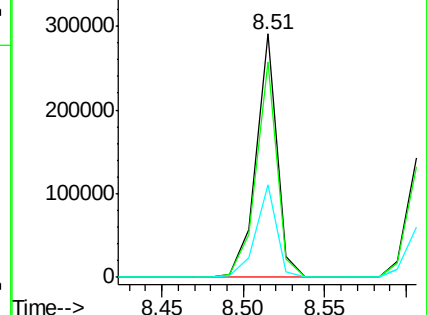
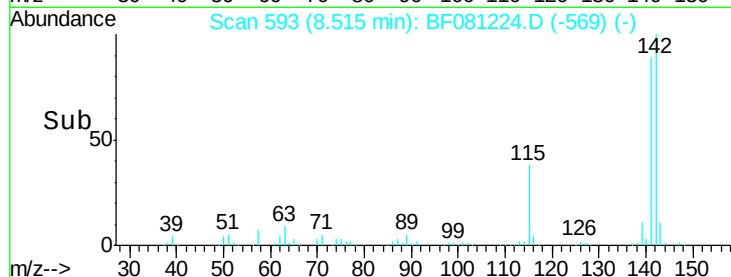
115 37.8 33.4 50.0



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: 9.54 min Scan# 683

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

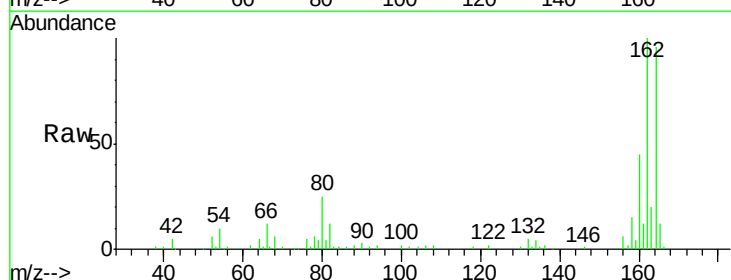
Tgt Ion:164 Resp: 87590

Ion Ratio Lower Upper

164 100

162 103.9 83.8 125.8

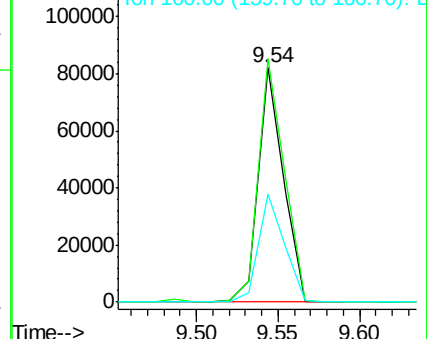
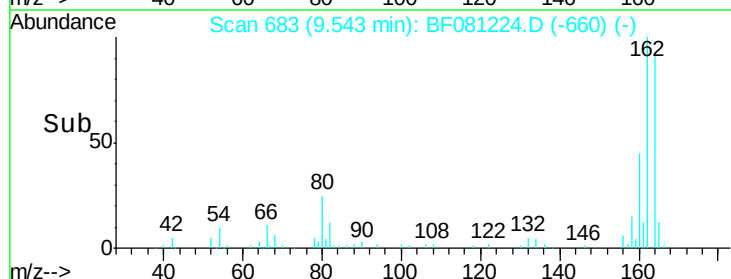
160 46.3 39.8 59.8

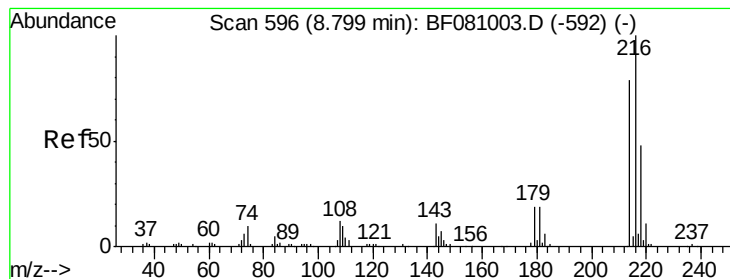


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.82 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 112539

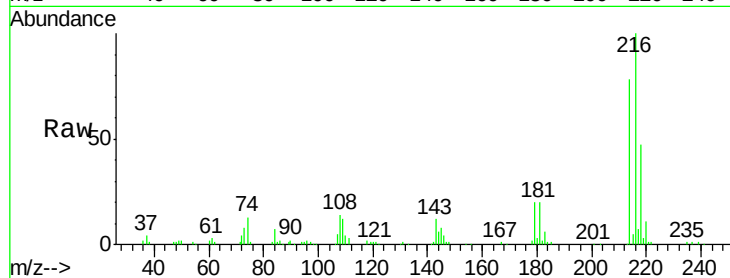
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.8

179 21.9 17.8 26.8

108 21.5 16.2 24.2

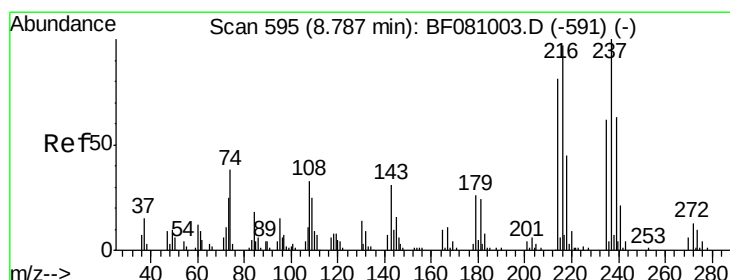
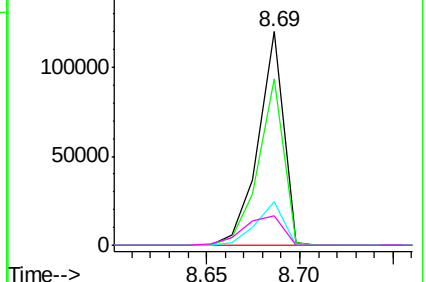
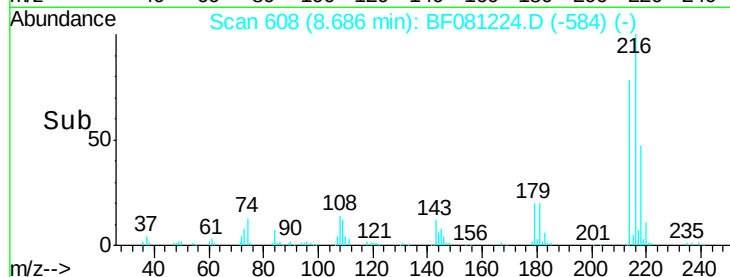


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.37 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

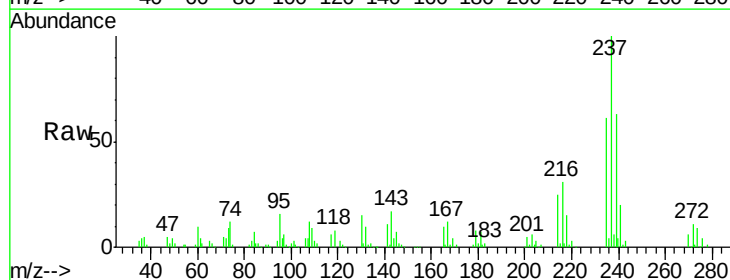
Tgt Ion:237 Resp: 117560

Ion Ratio Lower Upper

237 100

235 61.5 43.6 83.6

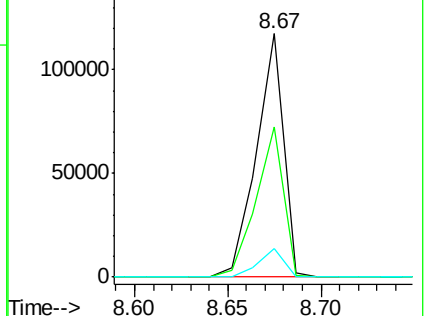
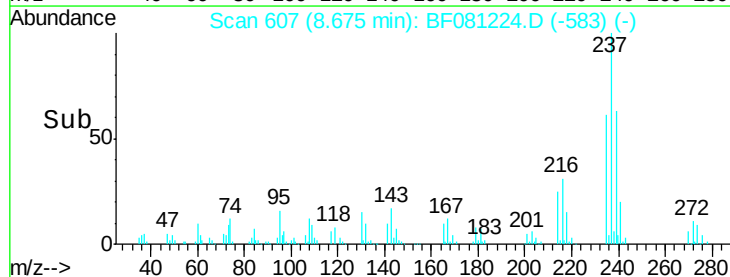
272 11.5 0.0 32.2

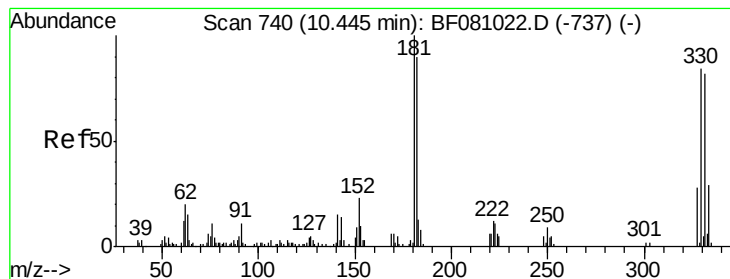


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 105.36 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampled :

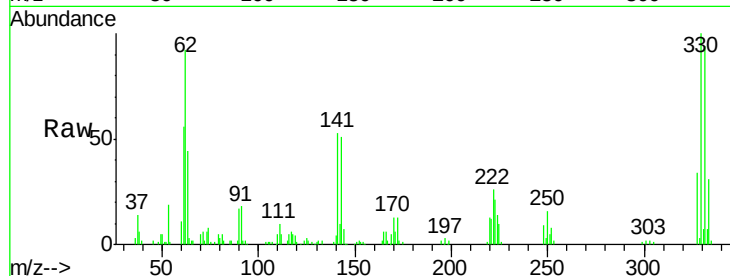
Tot Ion:330 Resp: 79997

Ion Ratio Lower Upper

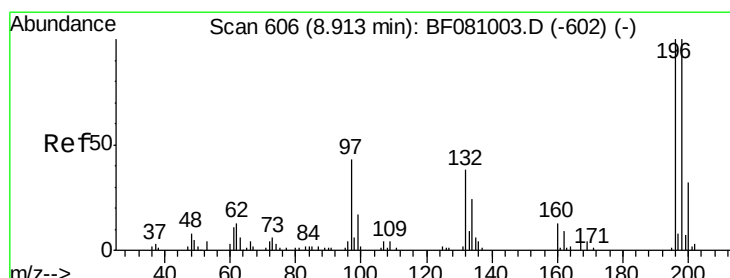
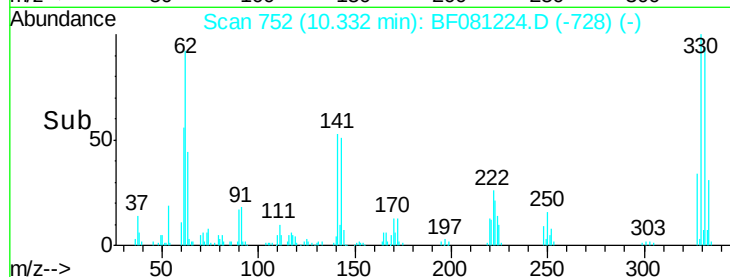
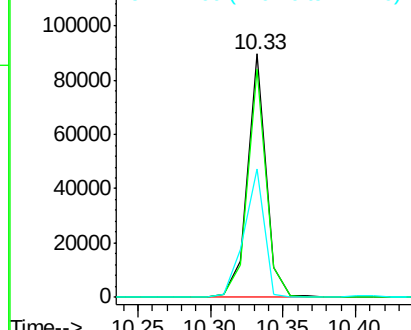
330 100

332 93.5 77.3 115.9

141 58.1 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: 38.38 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

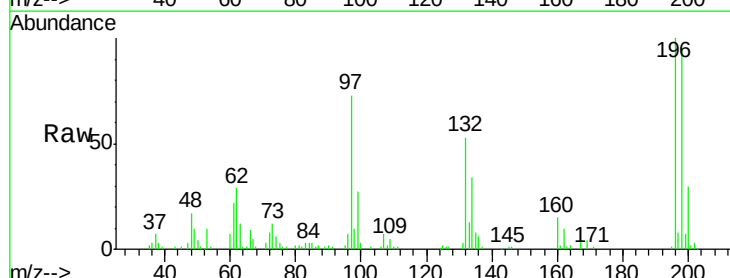
Tgt Ion:196 Resp: 76634

Ion Ratio Lower Upper

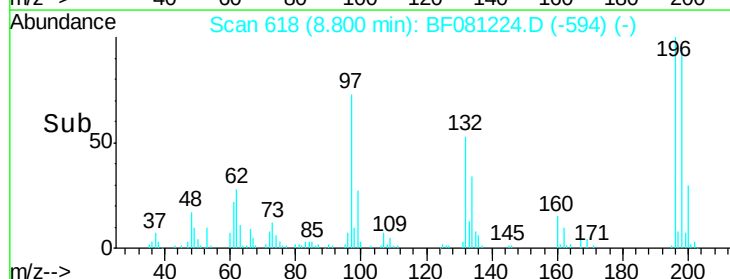
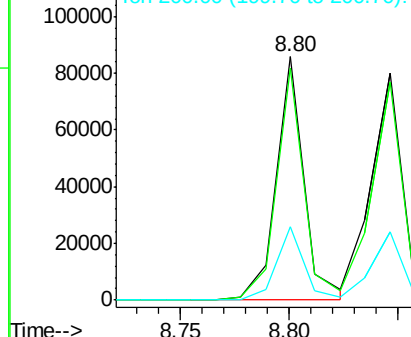
196 100

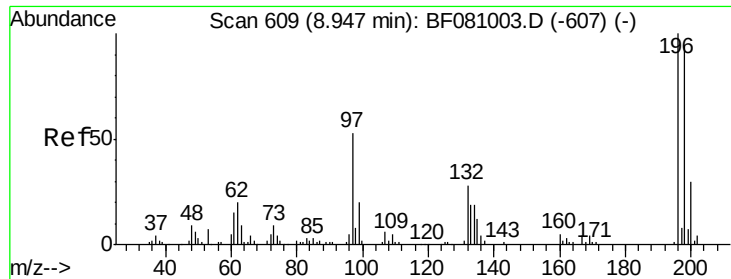
198 95.1 74.6 111.8

200 30.0 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

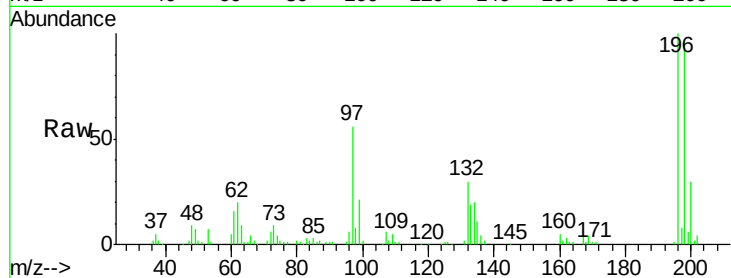




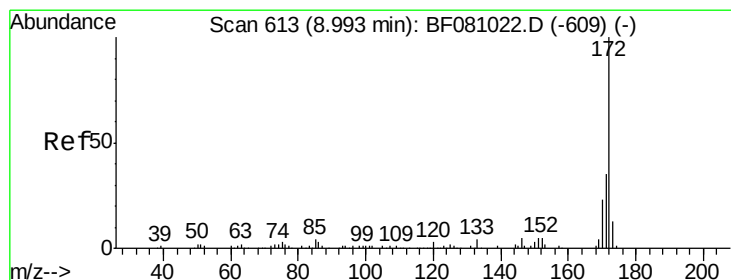
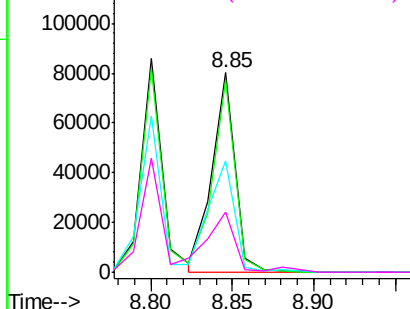
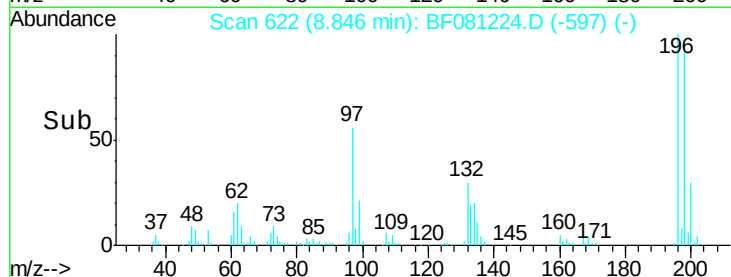
#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79320
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.3 117.5
 97 56.0 42.7 64.1
 132 30.4 23.3 34.9

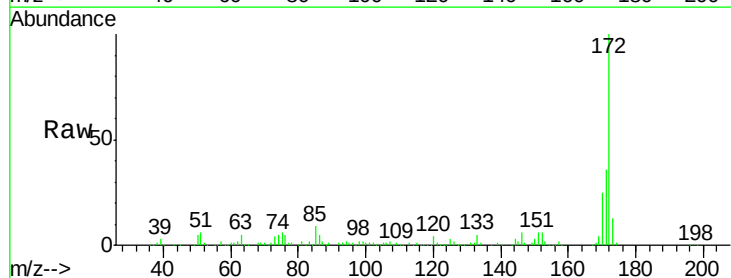


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

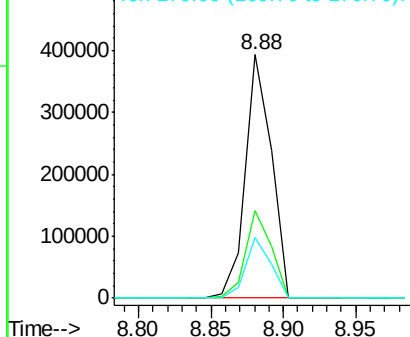
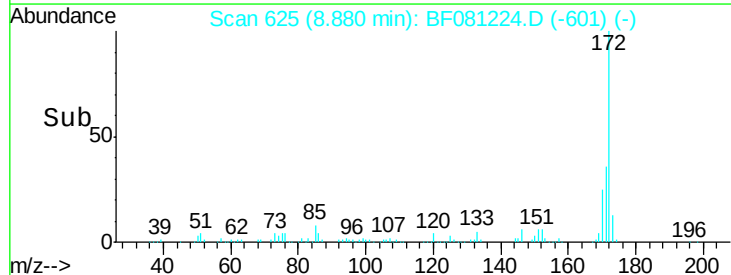


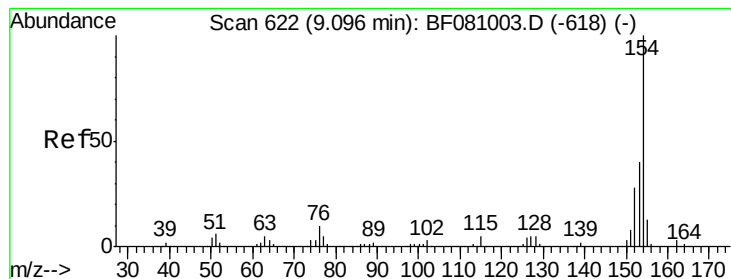
#44
 2-Fluorobiphenyl
 Concen: 73.32 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion:172 Resp: 490123
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.7 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: 43.23 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

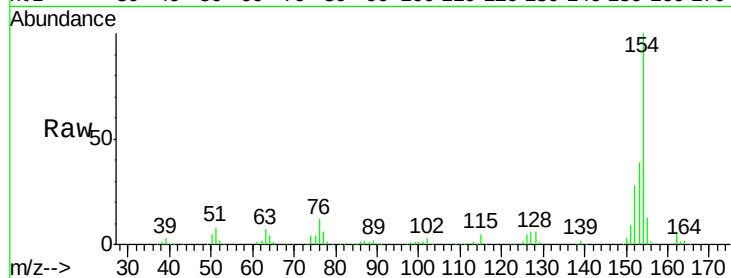
Tot Ion:154 Resp: 333492

Ion Ratio Lower Upper

154 100

153 39.4 19.5 59.5

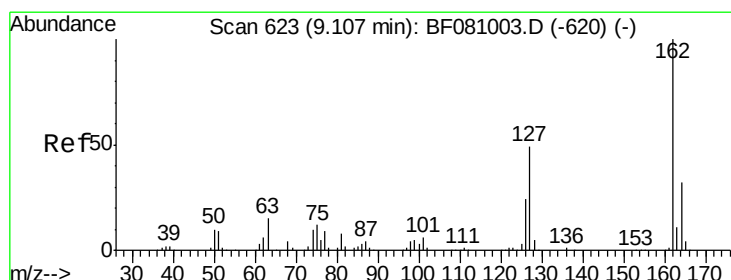
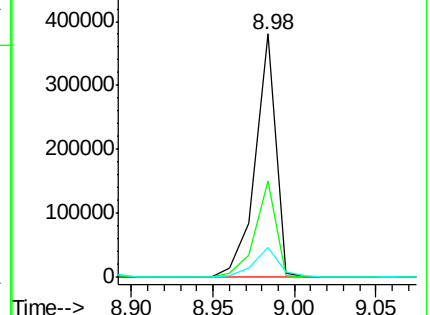
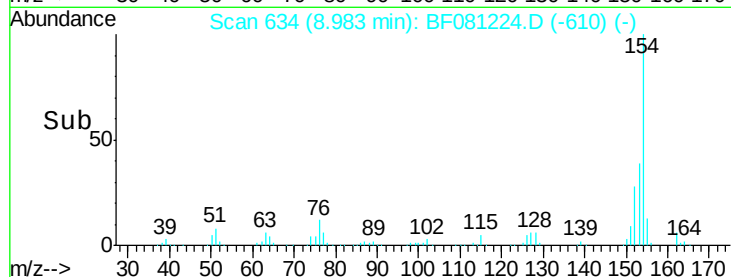
76 12.1 0.0 29.3



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: 35.97 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

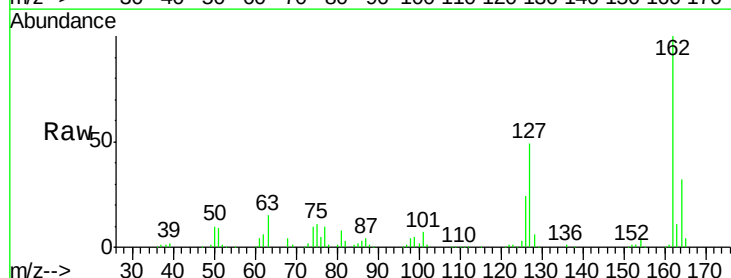
Tgt Ion:162 Resp: 222937

Ion Ratio Lower Upper

162 100

127 49.4 31.3 46.9#

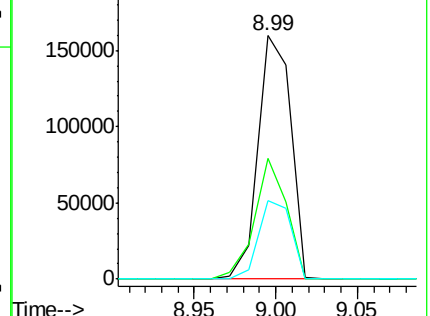
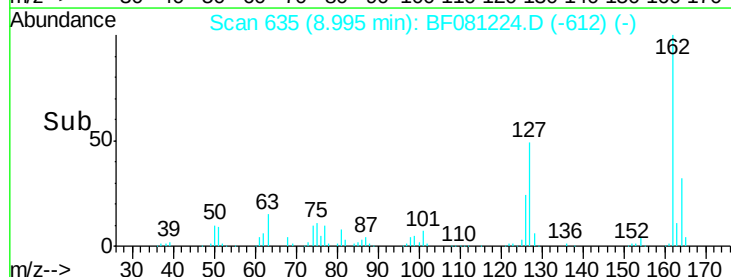
164 32.1 26.3 39.5

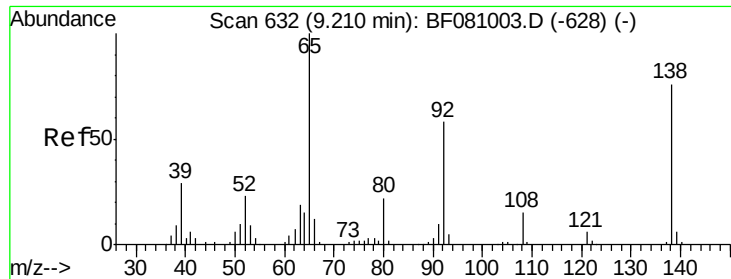


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

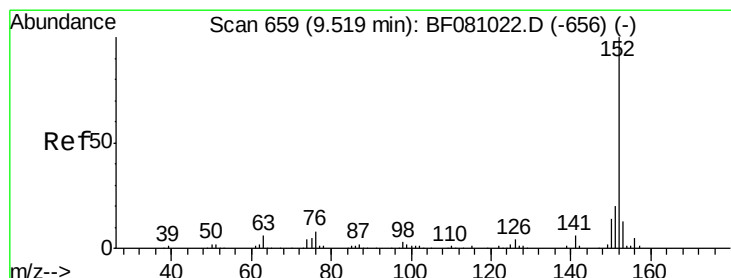
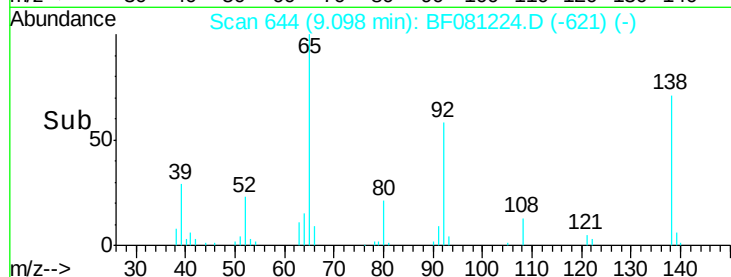
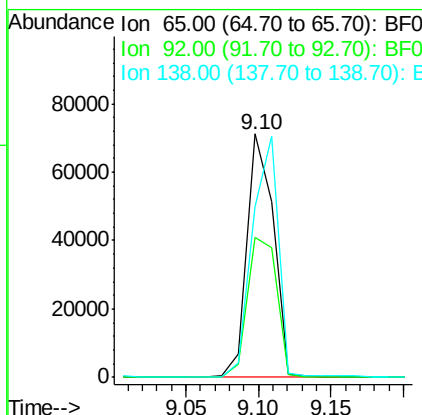
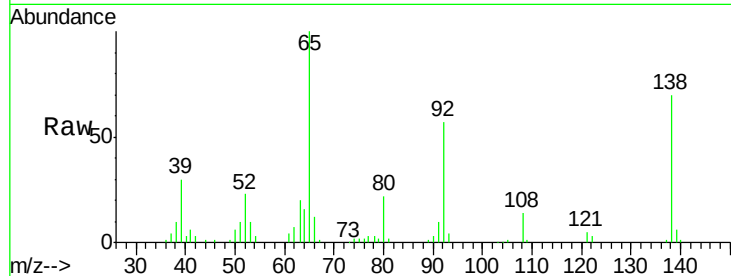




#47
 2-Nitroaniline
 Concen: 35.50 ng
 RT: 9.10 min Scan# 644
 Delta R.T. -0.04 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

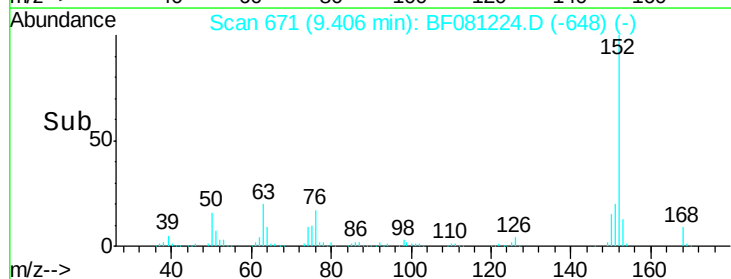
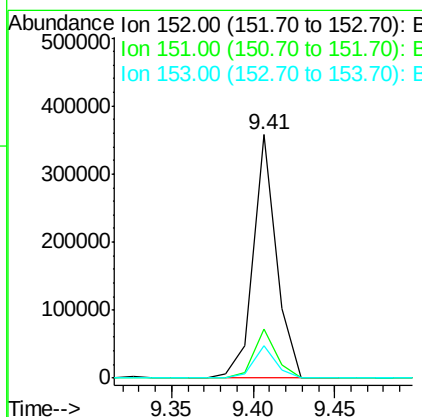
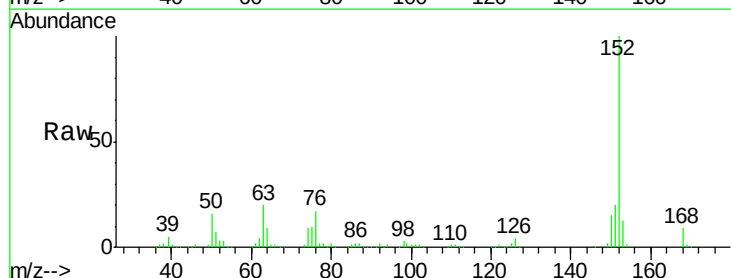
Instrument :
 BNA_F
 ClientSampled :

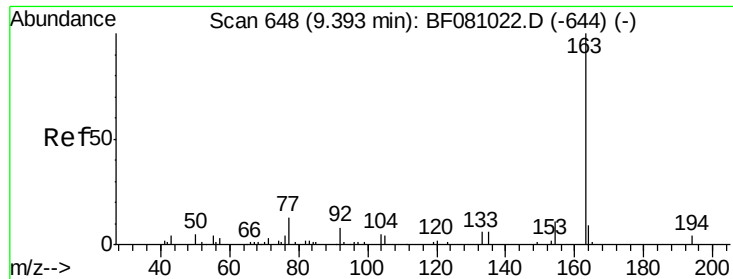
Tot Ion: 65 Resp: 90049
 Ion Ratio Lower Upper
 65 100
 92 57.2 45.6 68.4
 138 70.1 57.9 86.9



#48
 Acenaphthylene
 Concen: 31.74 ng
 RT: 9.41 min Scan# 671
 Delta R.T. -0.04 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion: 152 Resp: 351931
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.1 24.1
 153 13.5 9.8 14.6





#49

Dimethylphthalate

Concen: 34.08 ng

RT: 9.29 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

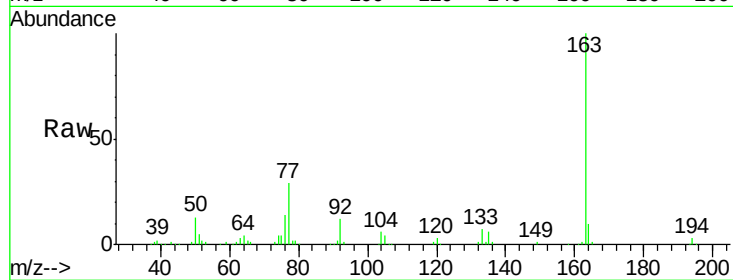
Tot Ion:163 Resp: 245803

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

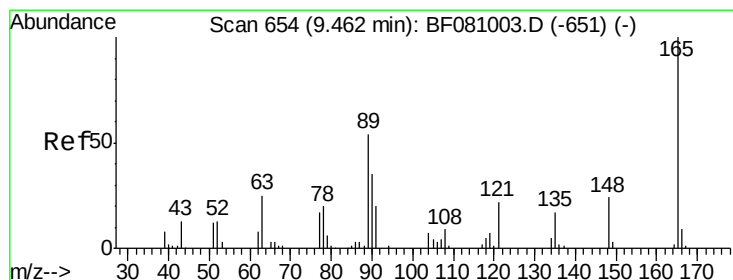
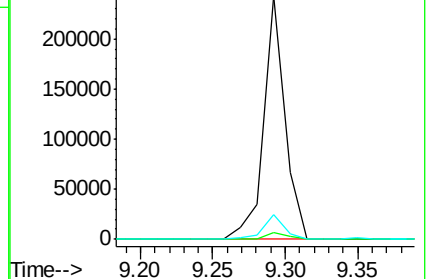
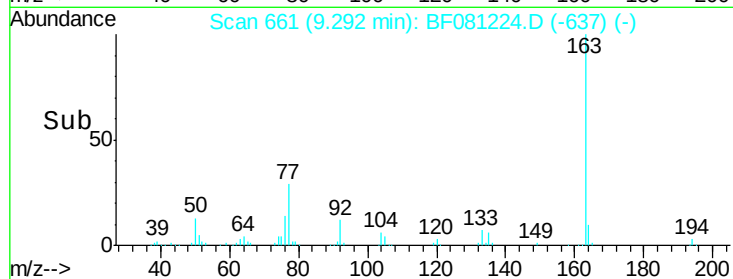
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.44 ng

RT: 9.35 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

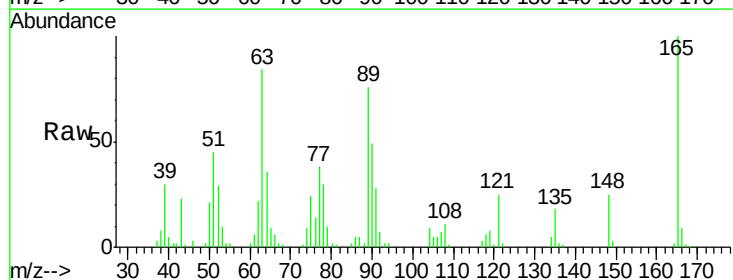
Tgt Ion:165 Resp: 56434

Ion Ratio Lower Upper

165 100

63 84.5 49.5 74.3#

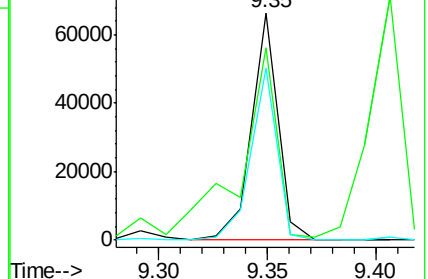
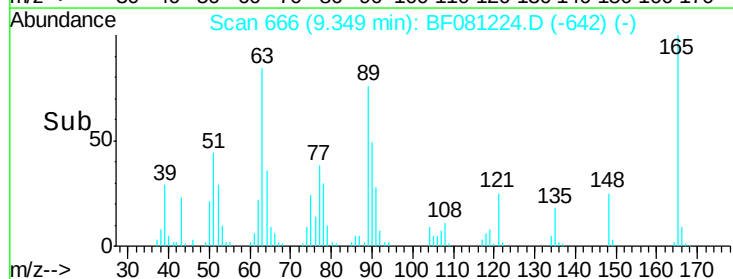
89 75.7 47.6 71.4#

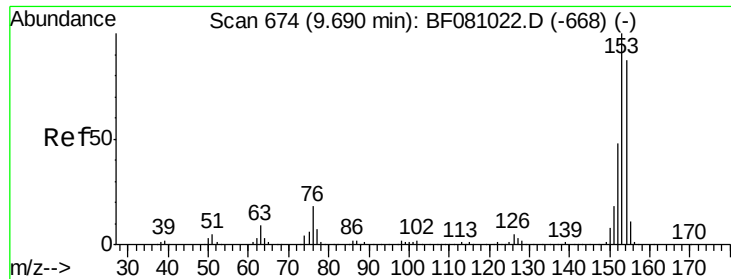


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.25 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

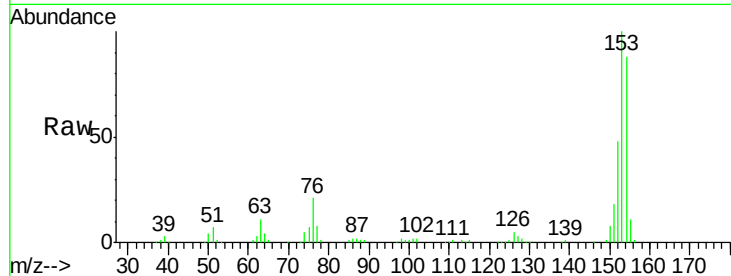
Tot Ion:154 Resp: 214068

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

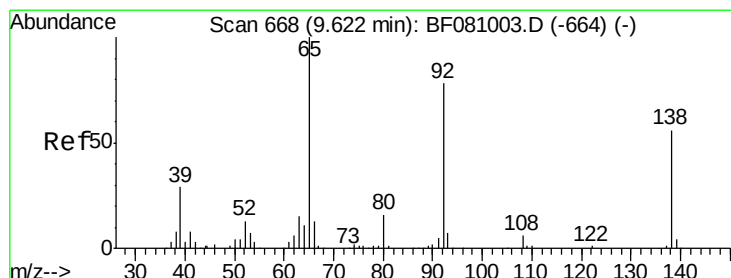
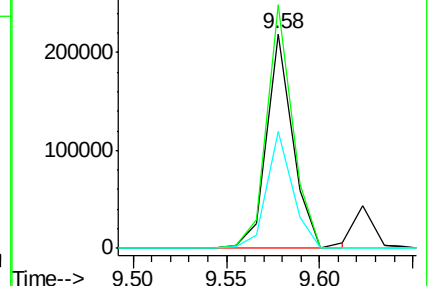
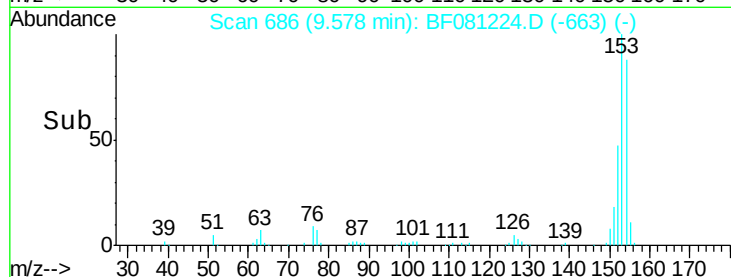
152 54.3 43.7 65.5



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: 21.98 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

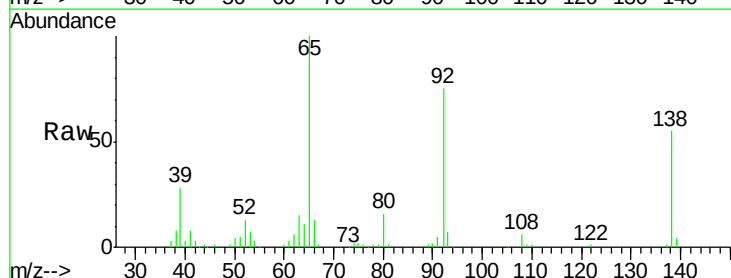
Tgt Ion:138 Resp: 42601

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

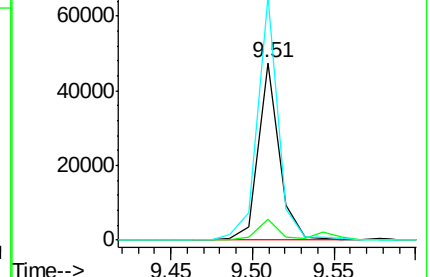
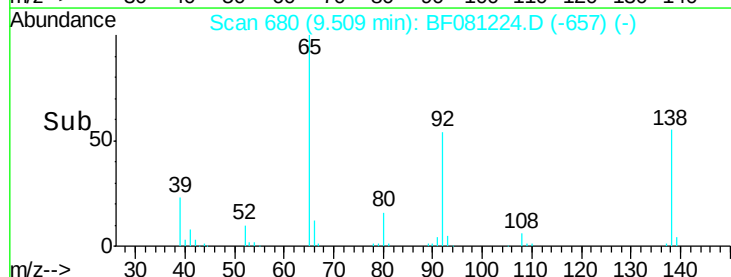
92 137.3 113.2 169.8

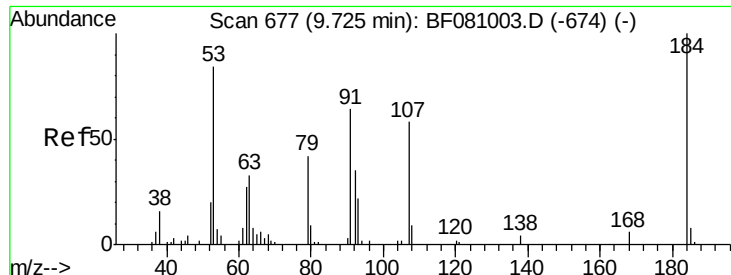


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

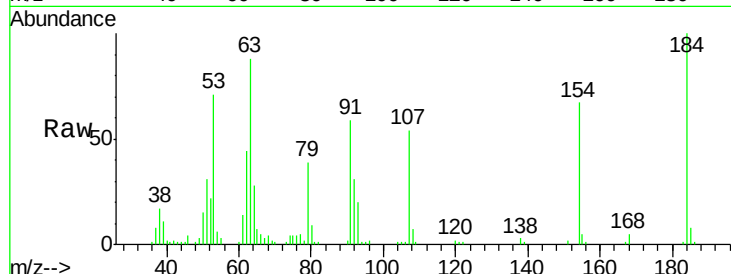




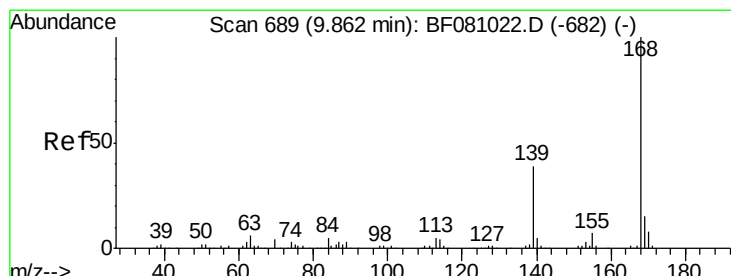
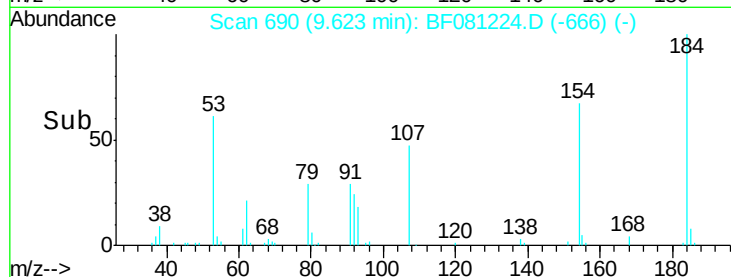
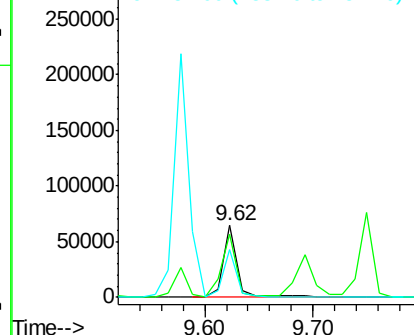
#53
2,4-Dinitrophenol
Concen: 69.39 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 58112
Ion Ratio Lower Upper
184 100
63 88.3 101.7 152.5#
154 67.0 67.4 101.0#

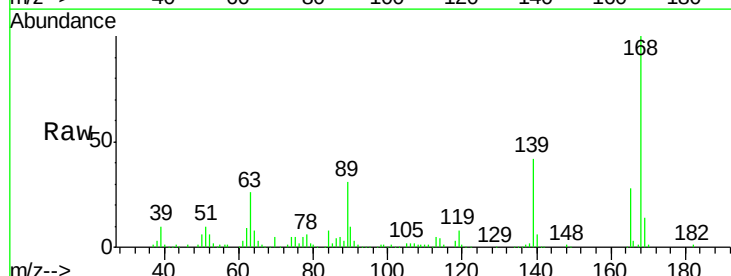


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

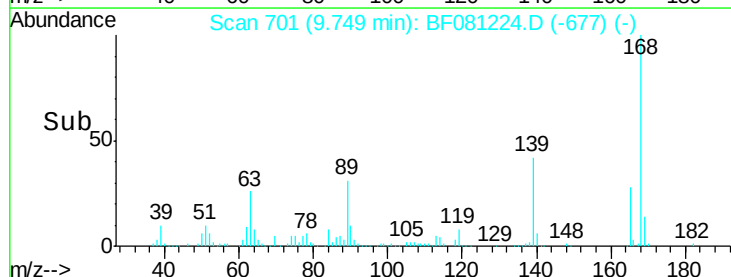
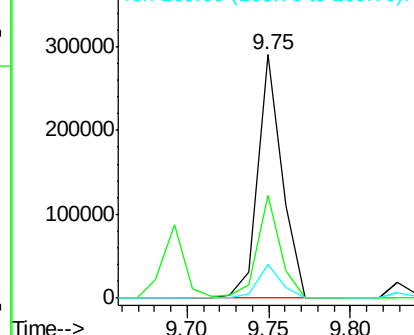


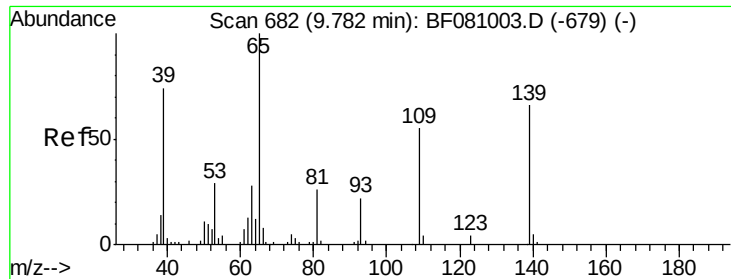
#54
Dibenzofuran
Concen: 33.66 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:168 Resp: 299363
Ion Ratio Lower Upper
168 100
139 42.1 29.3 43.9
169 13.7 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 62.08 ng

RT: 9.69 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

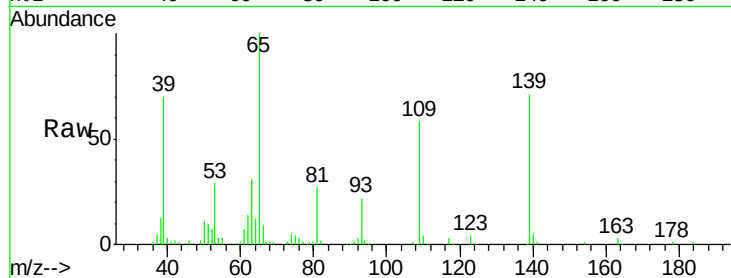
Tot Ion:139 Resp: 84502

Ion Ratio Lower Upper

139 100

109 82.0 80.0 120.0

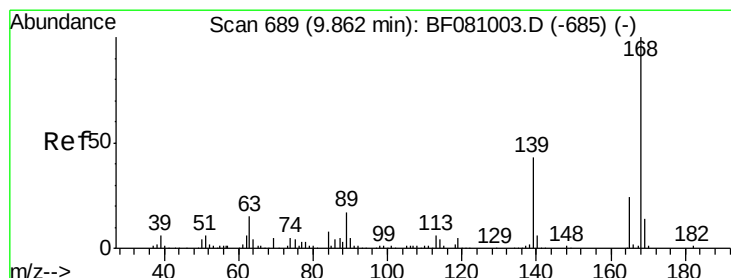
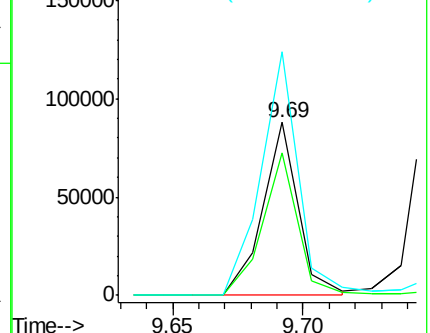
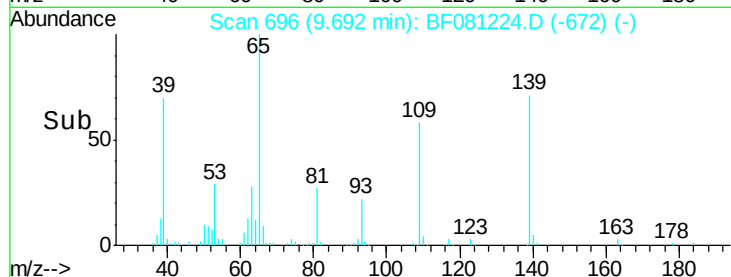
65 140.7 138.3 178.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.38 ng

RT: 9.75 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:165 Resp: 72620

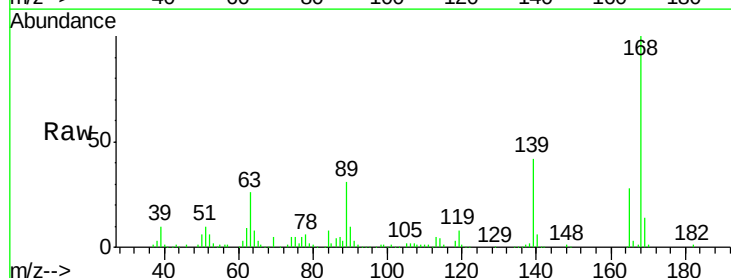
Ion Ratio Lower Upper

165 100

63 92.7 52.2 78.4#

89 109.4 60.1 90.1#

182 2.0 1.8 2.6

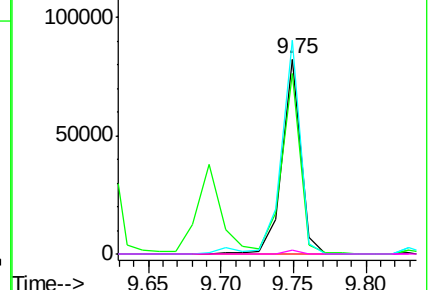
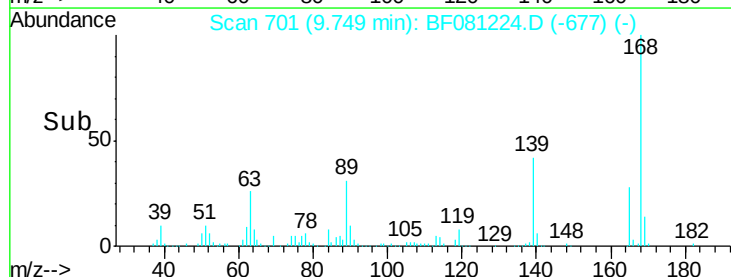


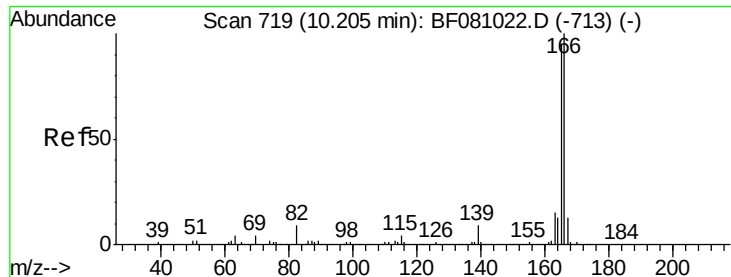
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.82 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

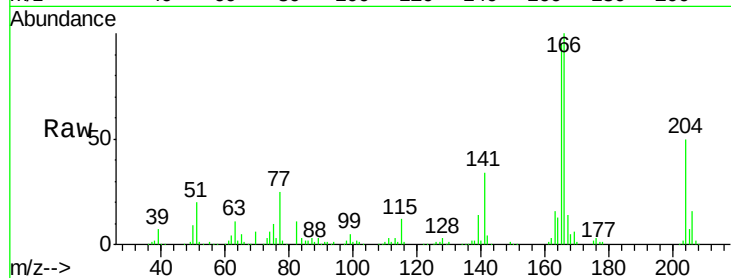
Tot Ion:166 Resp: 258751

Ion Ratio Lower Upper

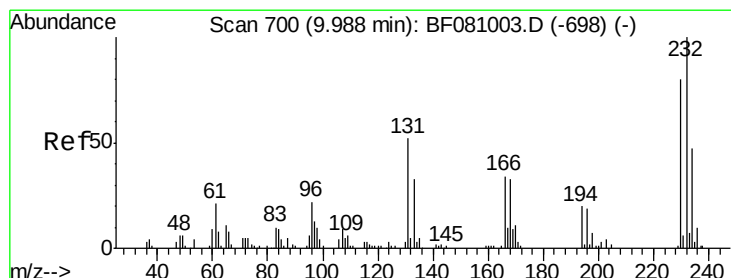
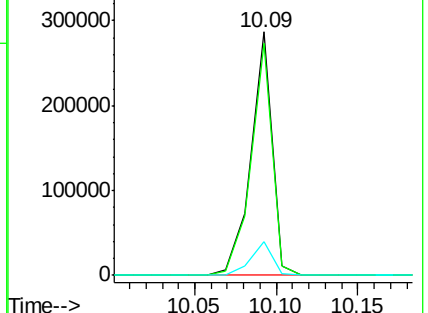
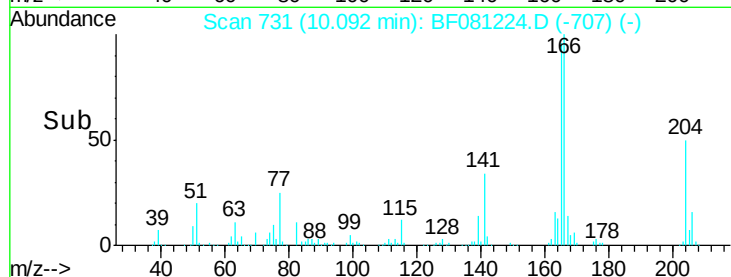
166 100

165 95.3 75.8 113.8

167 13.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.76 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:232 Resp: 56767

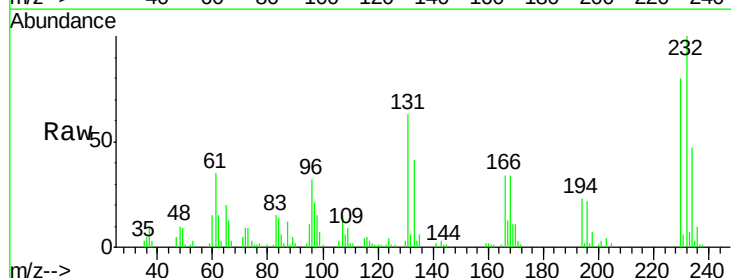
Ion Ratio Lower Upper

232 100

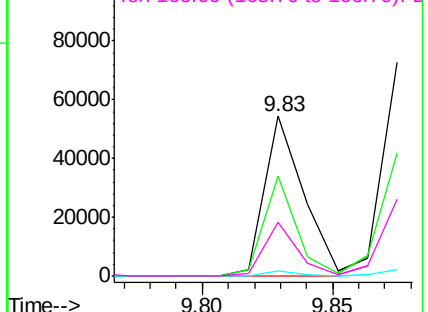
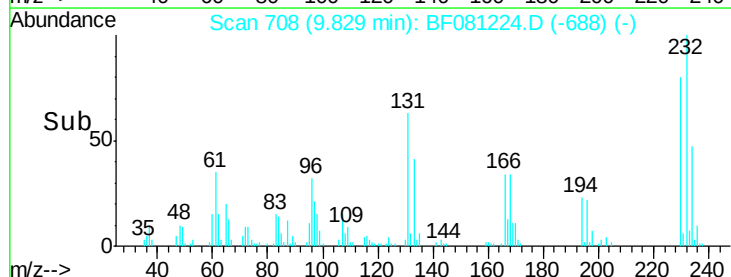
131 53.4 42.2 63.4

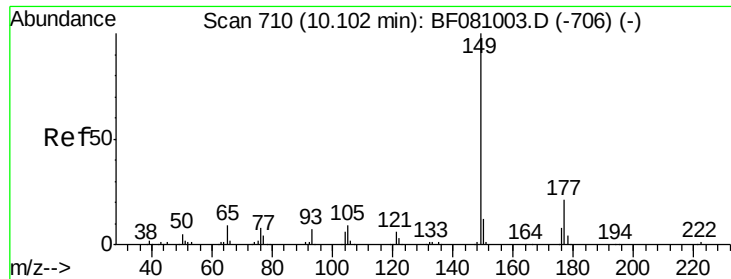
130 2.6 2.1 3.1

166 29.5 22.4 33.6



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

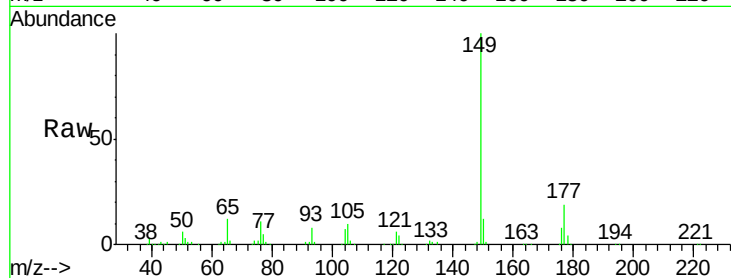




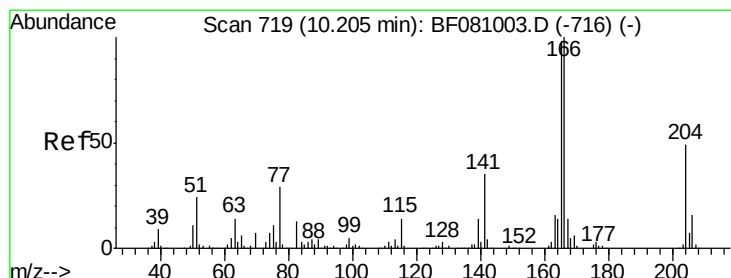
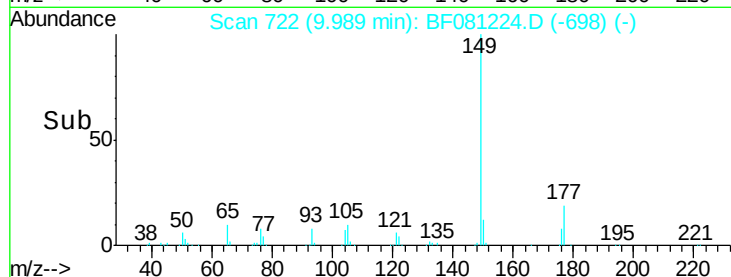
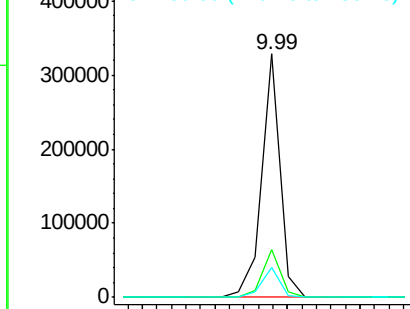
#59
Diethylphthalate
Concen: 37.60 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 287103
Ion Ratio Lower Upper
149 100
177 19.5 14.1 21.1
150 12.5 10.3 15.5

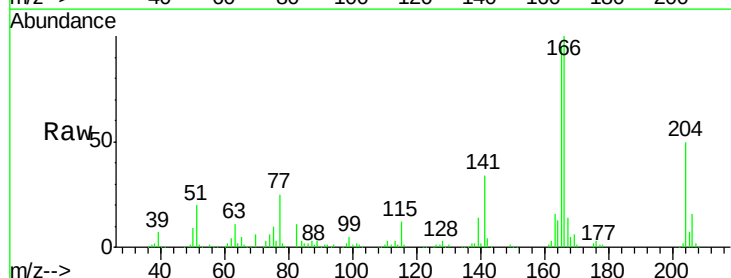


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

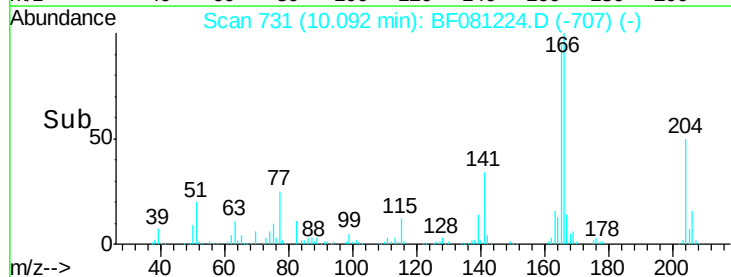
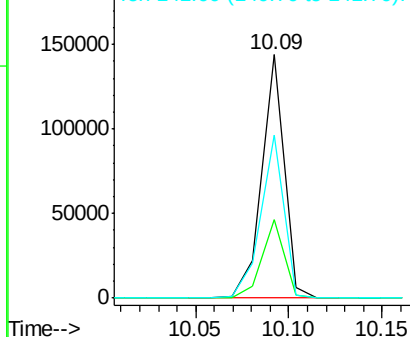


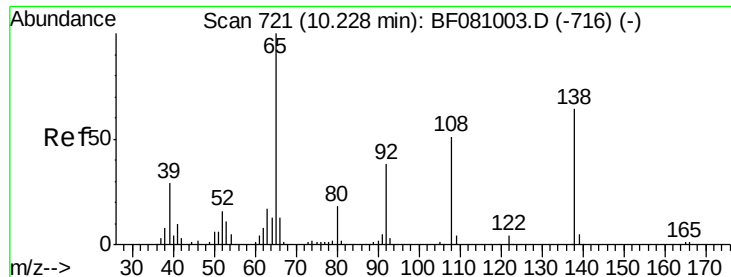
#60
4-Chlorophenyl-phenylether
Concen: 41.07 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:204 Resp: 118908
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 67.0 59.6 89.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

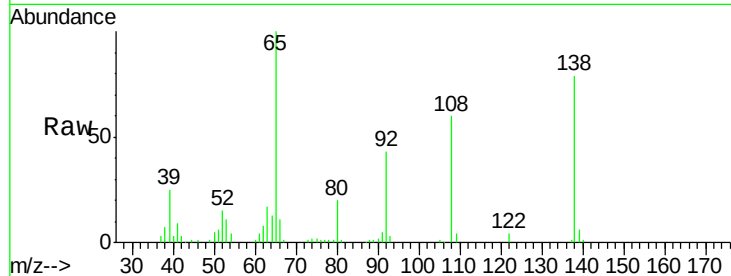




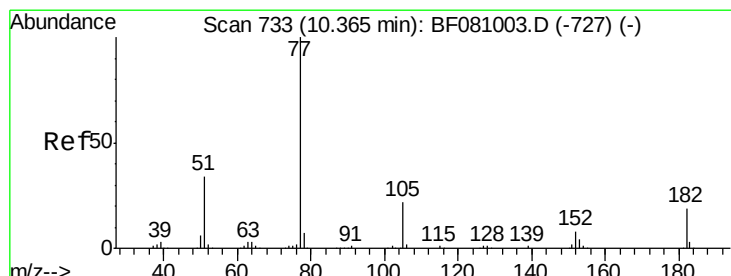
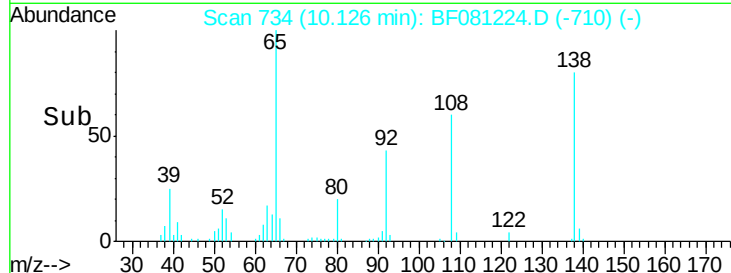
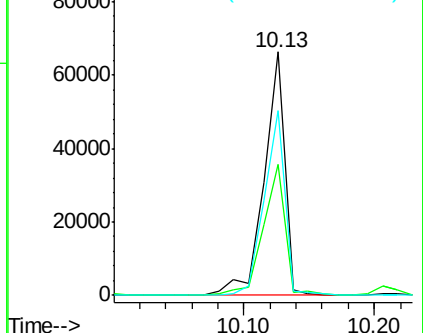
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74223
Ion Ratio Lower Upper
138 100
92 53.9 34.7 74.7
108 75.6 68.9 108.9

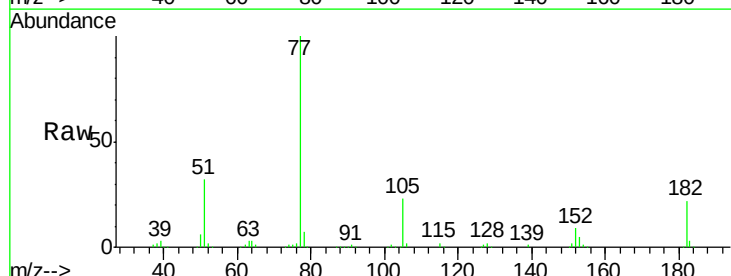


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

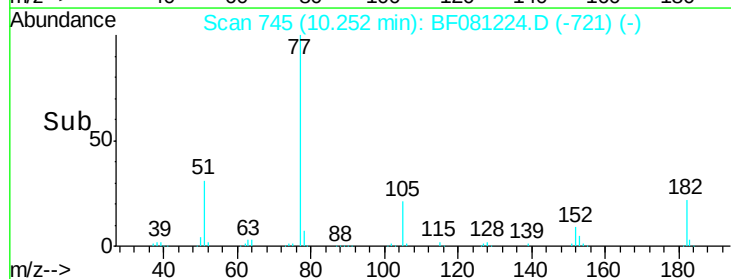
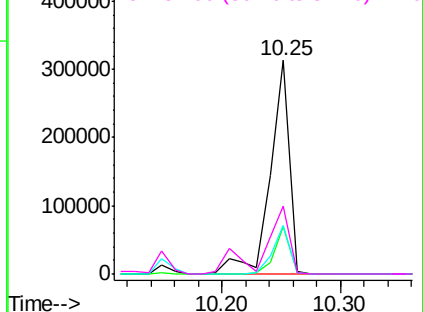


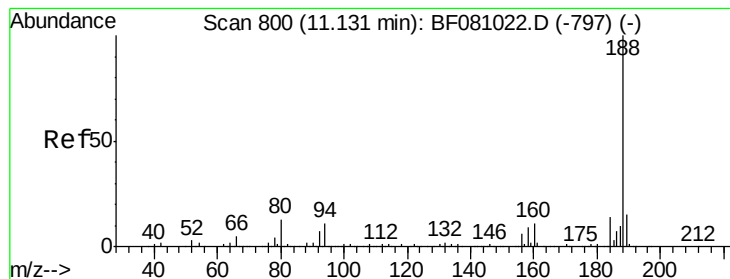
#62
Azobenzene
Concen: 40.10 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion: 77 Resp: 352820
Ion Ratio Lower Upper
77 100
182 22.0 0.0 39.0
105 22.9 0.2 40.2
51 31.6 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: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

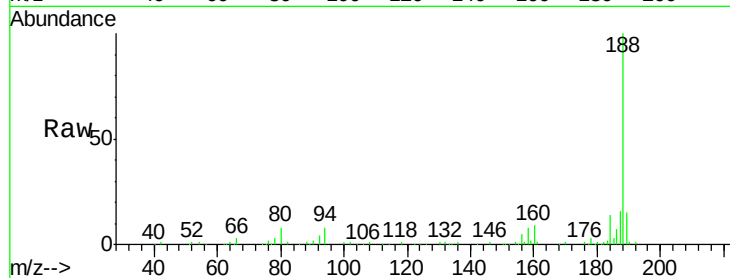
Tot Ion:188 Resp: 173543

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

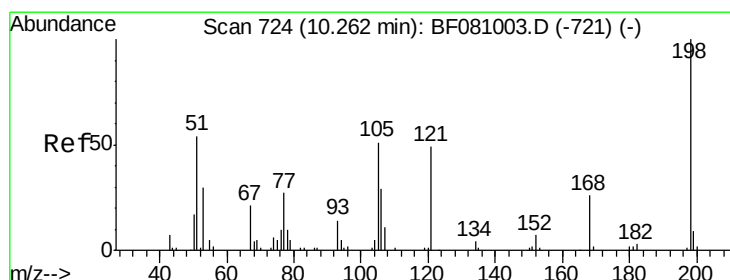
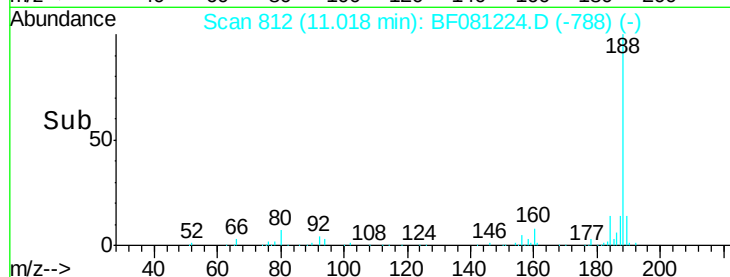
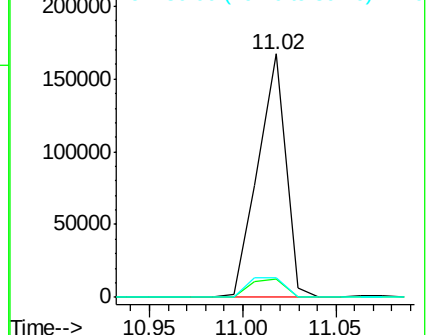
80 8.2 9.5 14.3#



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: 35.07 ng

RT: 10.15 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

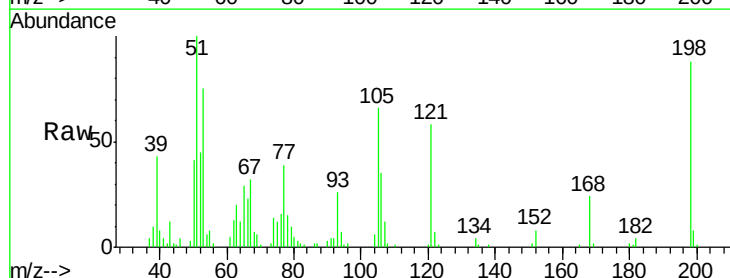
Tgt Ion:198 Resp: 36345

Ion Ratio Lower Upper

198 100

51 113.5 79.7 119.7

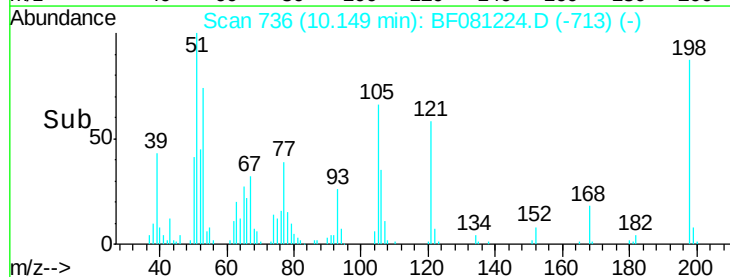
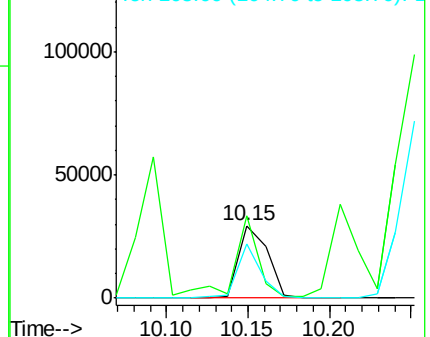
105 74.5 47.0 87.0

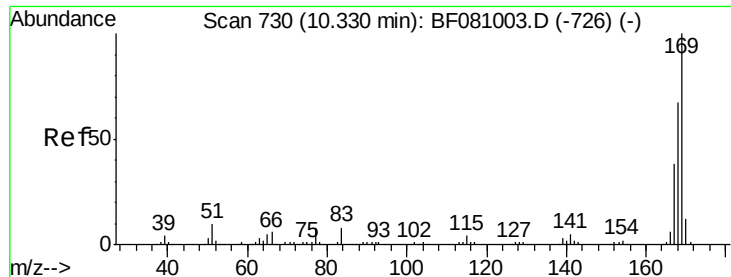


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

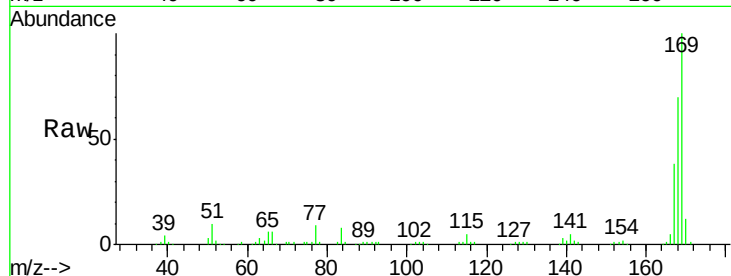




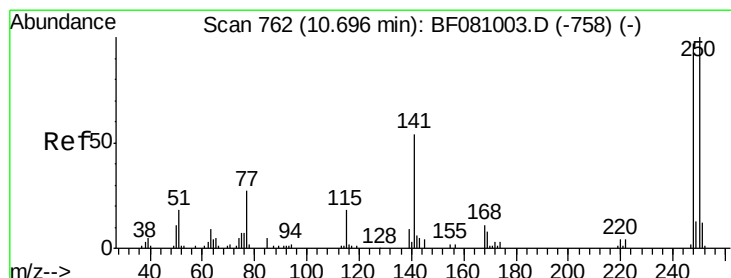
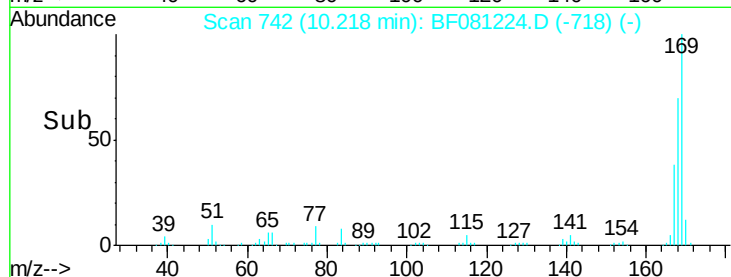
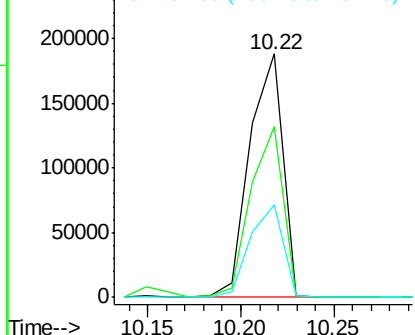
#65
 n-Nitrosodiphenylamine
 Concen: 37.22 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 230594
 Ion Ratio Lower Upper
 169 100
 168 70.0 55.3 82.9
 167 38.1 30.8 46.2

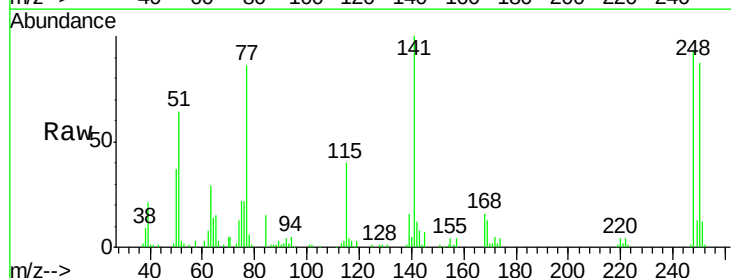


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

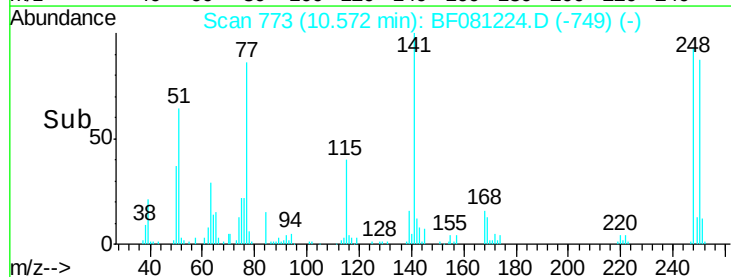
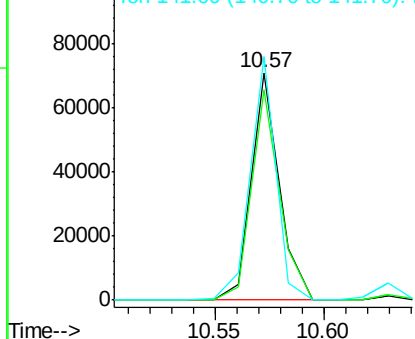


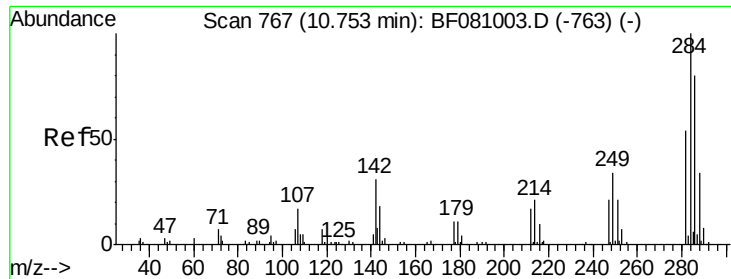
#66
 4-Bromophenyl-phenylether
 Concen: 36.96 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion:248 Resp: 63016
 Ion Ratio Lower Upper
 248 100
 250 92.8 77.8 116.6
 141 107.2 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: 36.18 ng

RT: 10.63 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

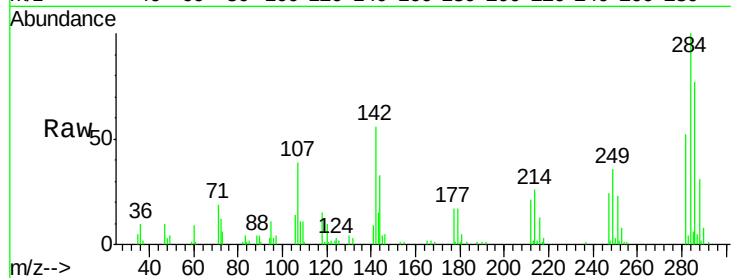
Tot Ion:284 Resp: 62471

Ion Ratio Lower Upper

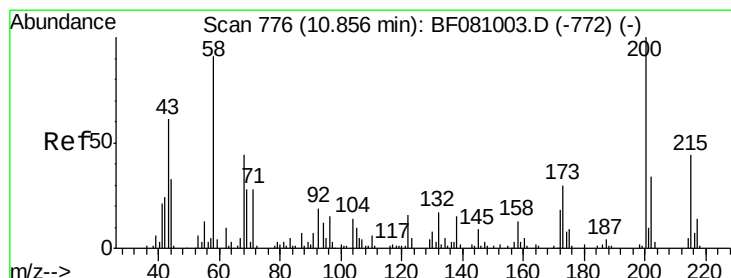
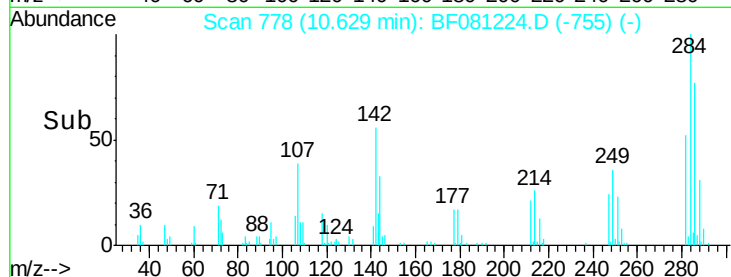
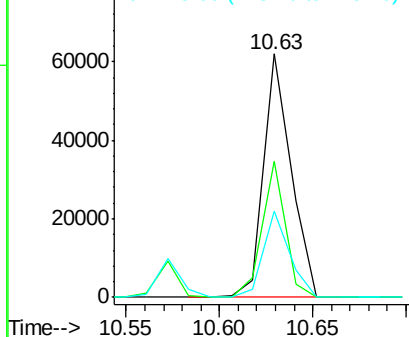
284 100

142 56.1 25.4 38.0#

249 35.6 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: 36.04 ng

RT: 10.74 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

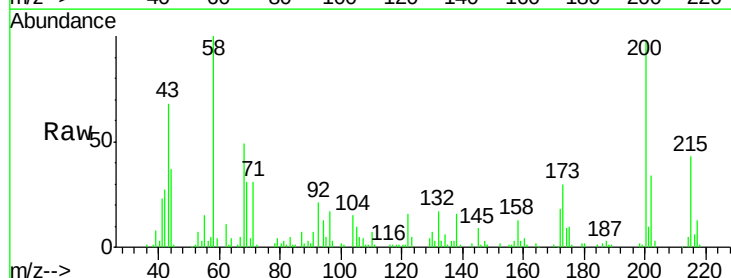
Tgt Ion:200 Resp: 62196

Ion Ratio Lower Upper

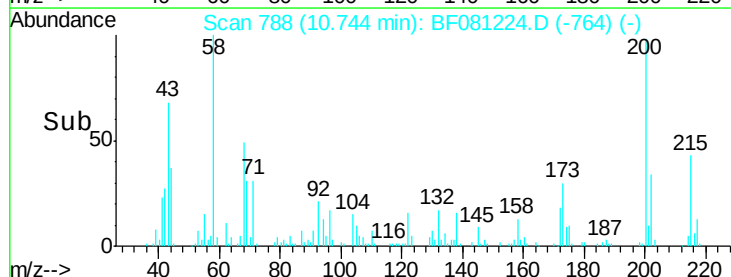
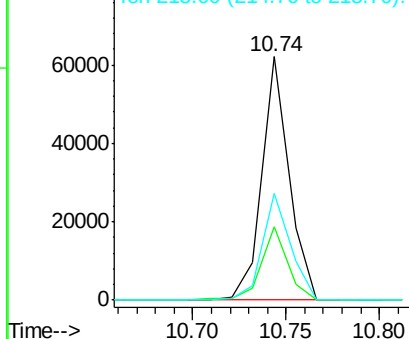
200 100

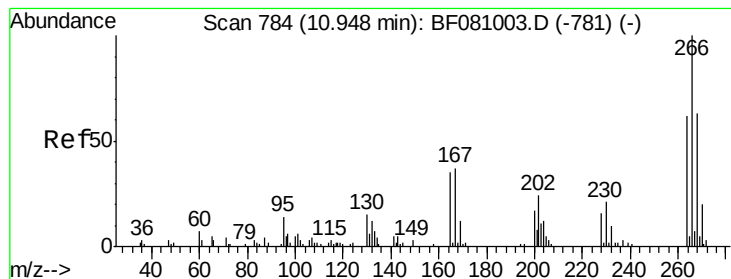
173 30.3 8.1 48.1

215 43.6 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





#69

Pentachlorophenol

Concen: 72.05 ng

RT: 10.83 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

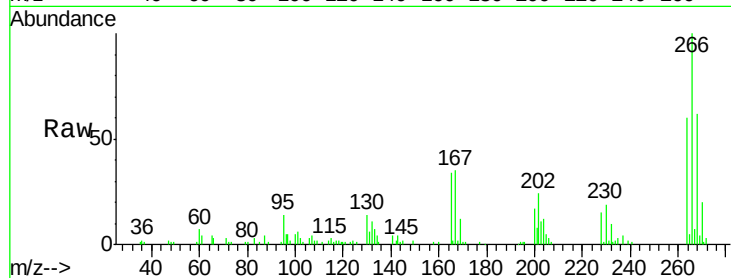
Tot Ion:266 Resp: 74638

Ion Ratio Lower Upper

266 100

268 61.9 51.2 76.8

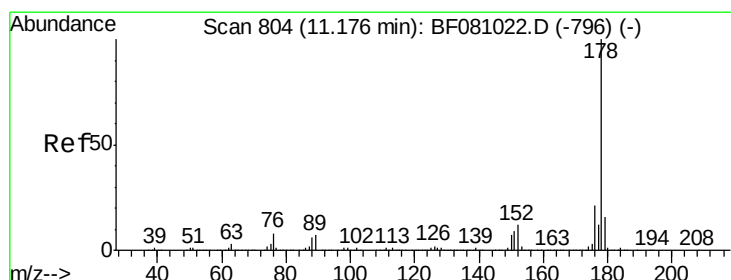
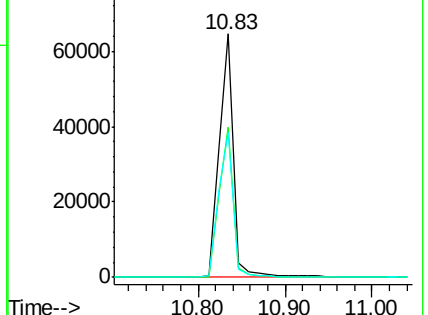
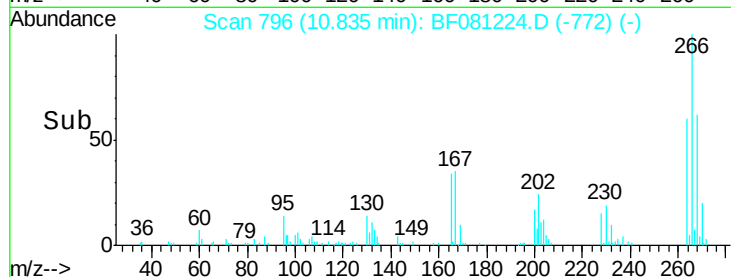
264 59.8 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.59 ng

RT: 11.04 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

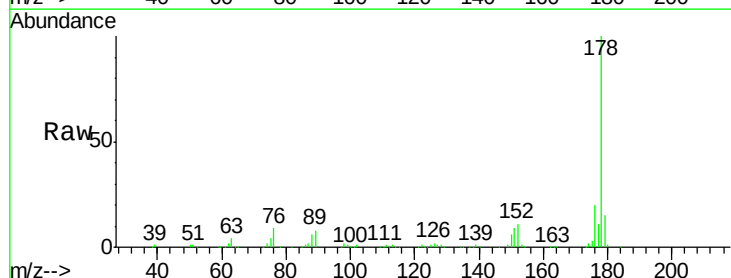
Tgt Ion:178 Resp: 386619

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

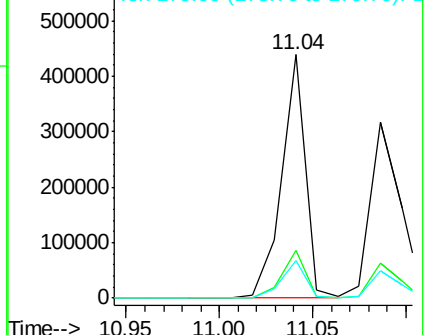
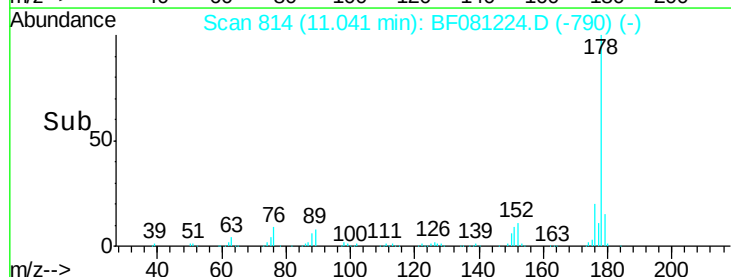
179 15.3 12.2 18.2

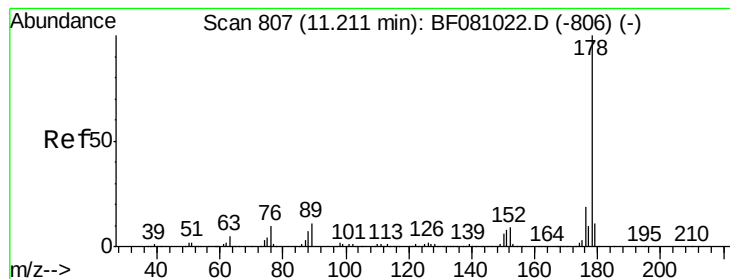


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.58 ng

RT: 11.09 min Scan# 818

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

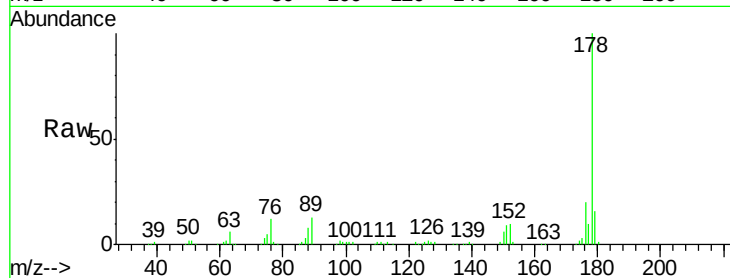
Tot Ion:178 Resp: 346082

Ion Ratio Lower Upper

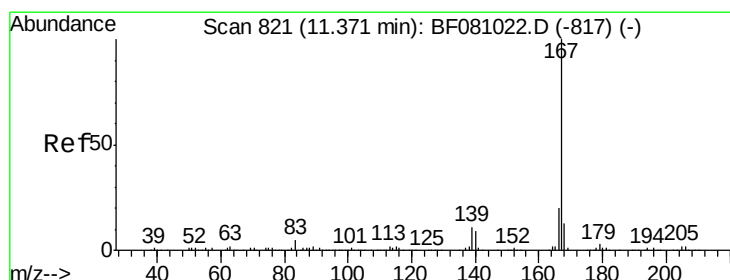
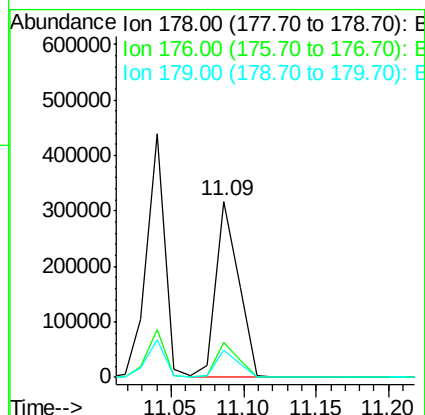
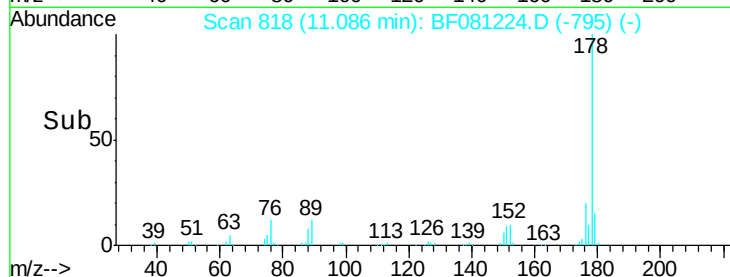
178 100

176 19.5 15.7 23.5

179 15.6 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: 35.77 ng

RT: 11.25 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

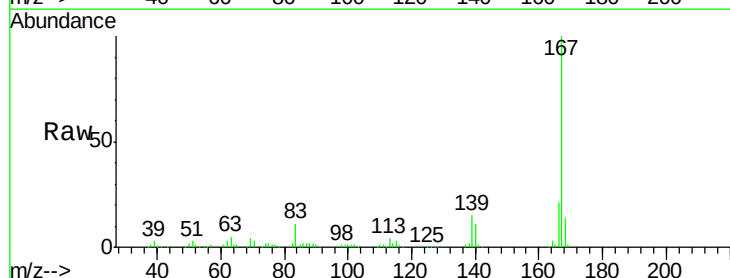
Tgt Ion:167 Resp: 344642

Ion Ratio Lower Upper

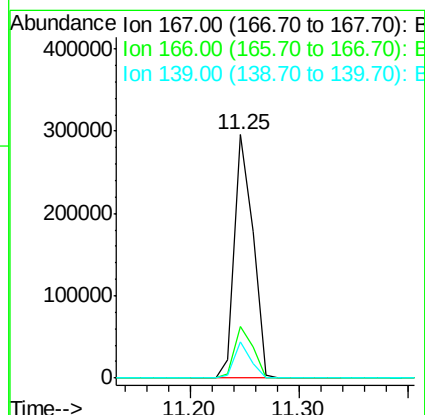
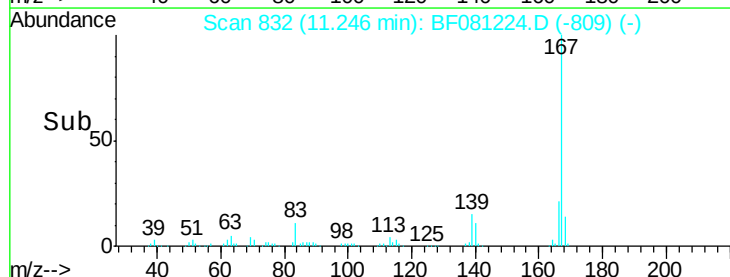
167 100

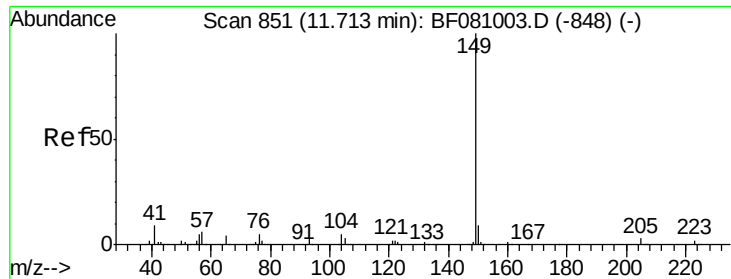
166 21.1 17.4 26.0

139 14.6 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: 40.56 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

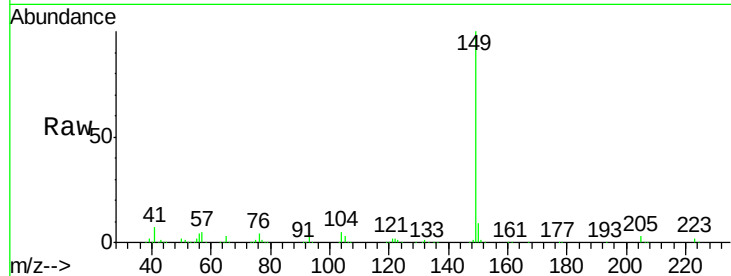
Tot Ion:149 Resp: 472912

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

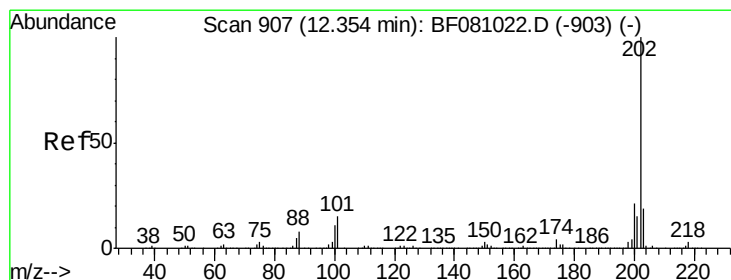
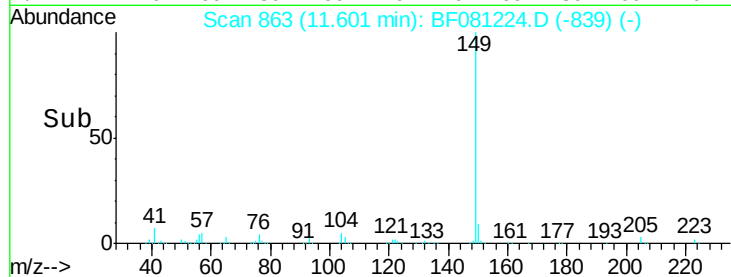
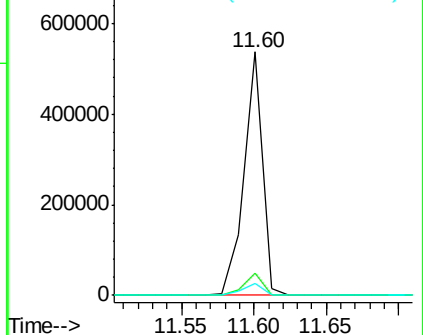
104 4.7 3.9 5.9



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: 38.14 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

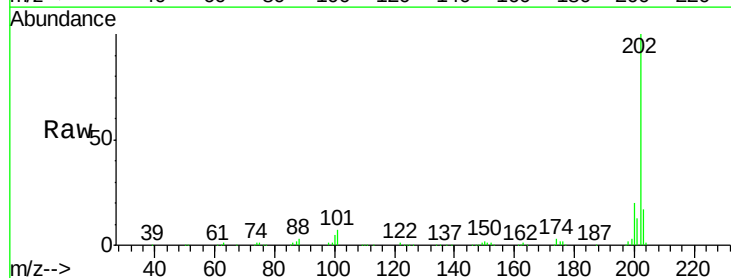
Tgt Ion:202 Resp: 423257

Ion Ratio Lower Upper

202 100

101 6.9 0.0 24.8

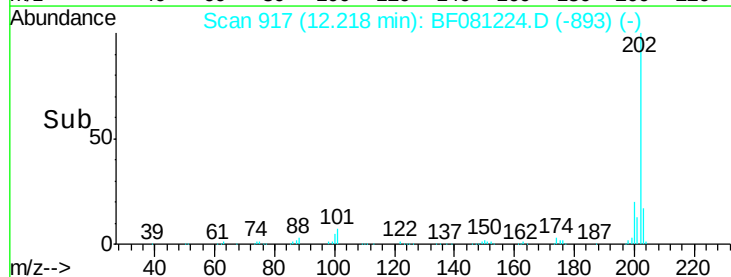
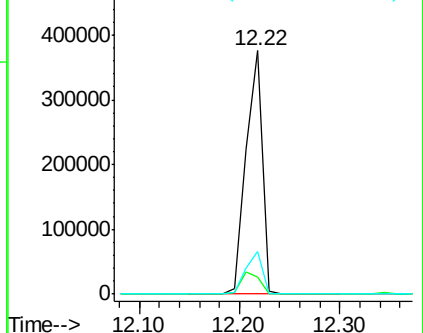
203 17.3 0.0 36.9

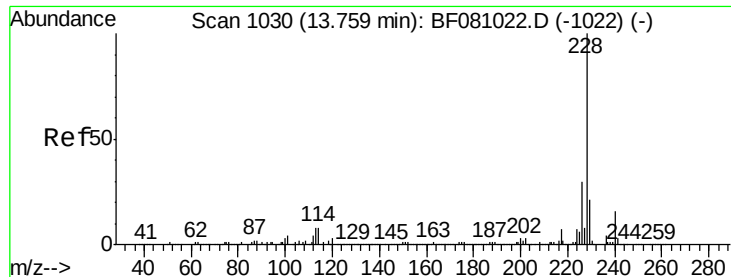


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

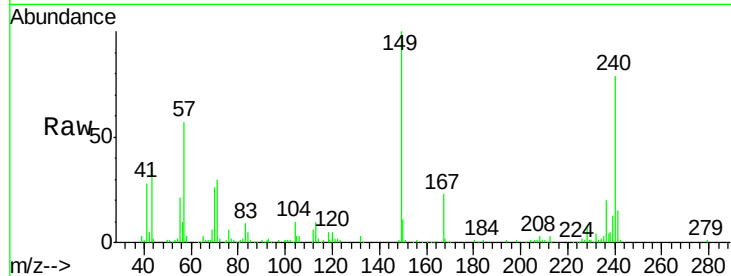
Tot Ion:240 Resp: 130604

Ion Ratio Lower Upper

240 100

120 5.9 5.6 8.4

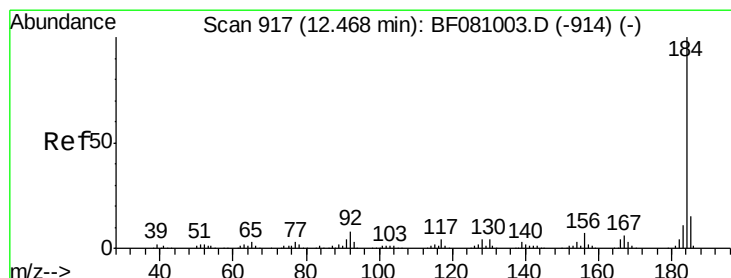
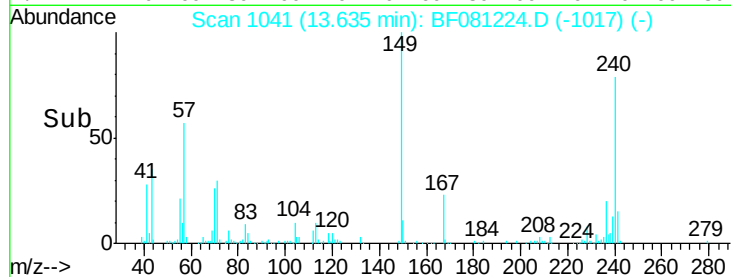
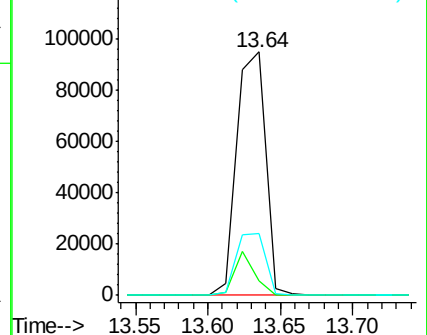
236 25.2 20.6 30.8



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



#76

Benzidine

Concen: 38.55 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

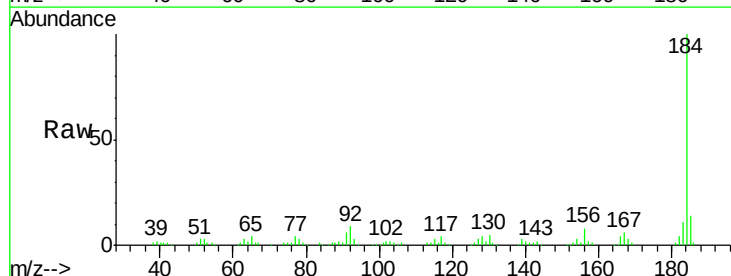
Tgt Ion:184 Resp: 190196

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

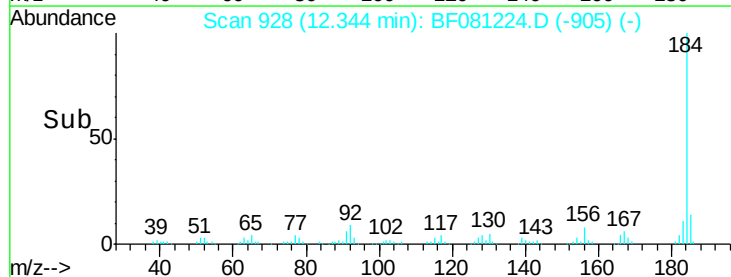
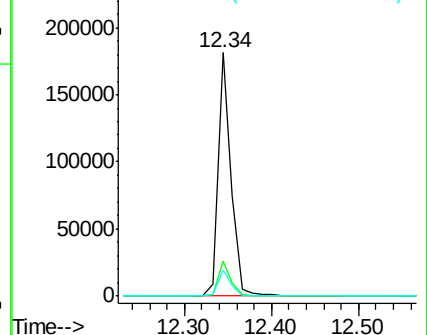
183 10.6 8.9 13.3

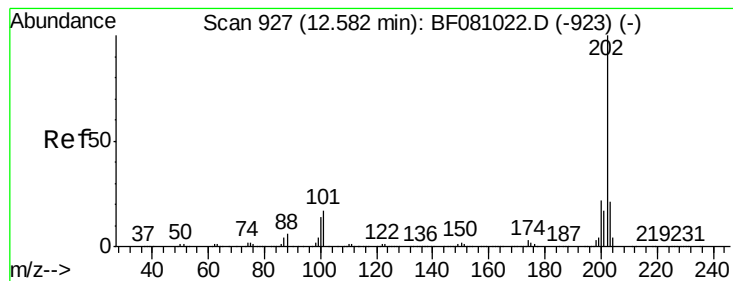


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.33 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

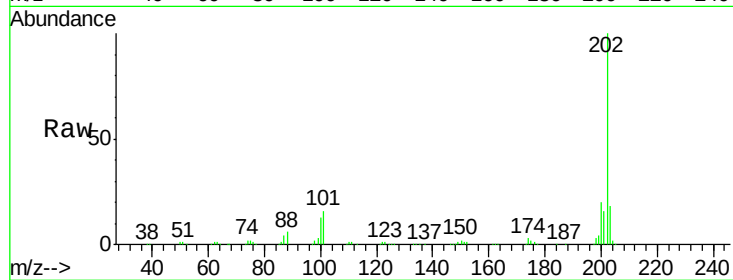
Tot Ion:202 Resp: 385753

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

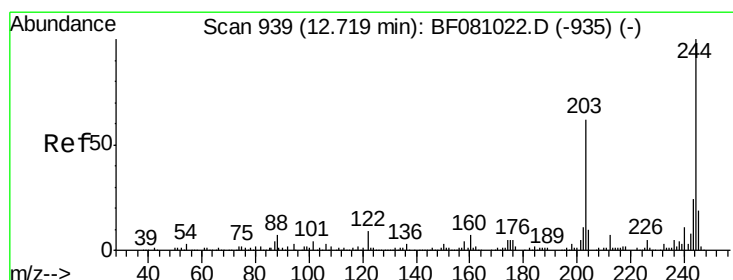
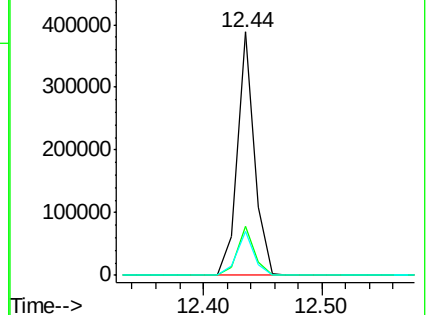
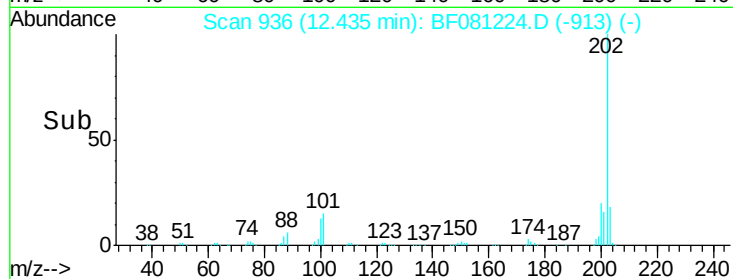
203 18.2 14.1 21.1



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: 69.11 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

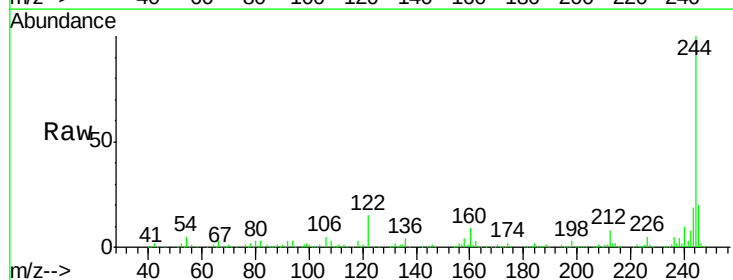
Tgt Ion:244 Resp: 421006

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

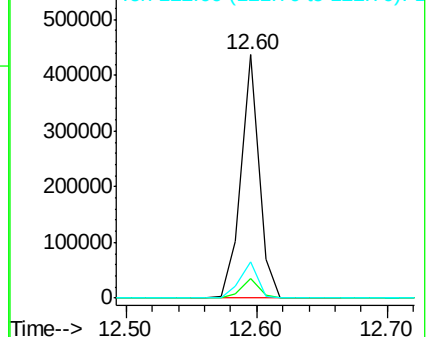
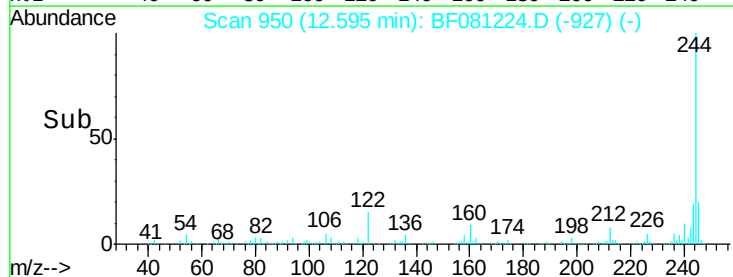
122 14.8 8.2 12.4#

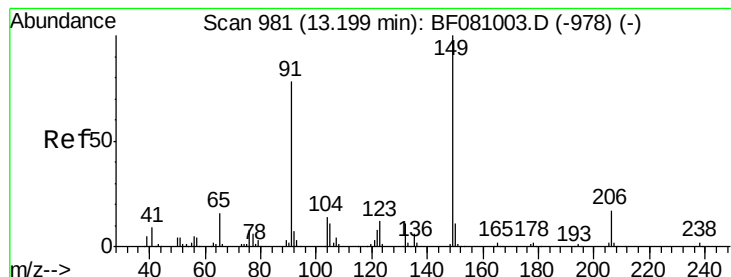


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.19 ng

RT: 13.08 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

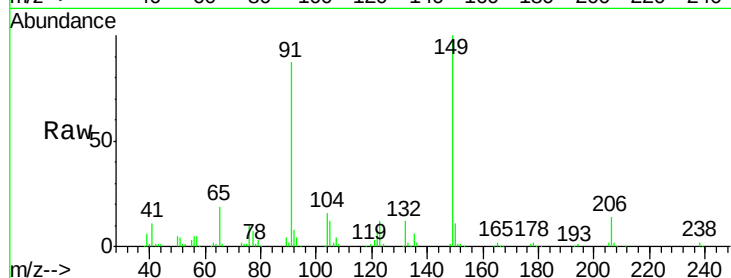
Tot Ion:149 Resp: 178843

Ion Ratio Lower Upper

149 100

91 87.5 46.9 70.3#

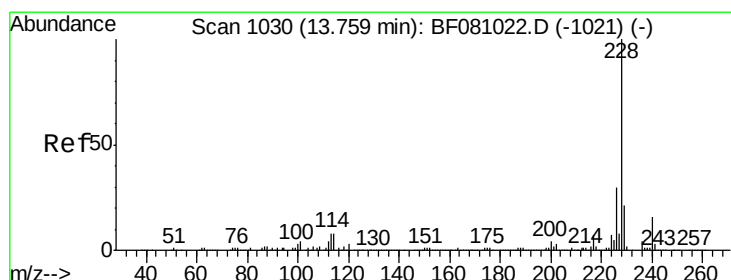
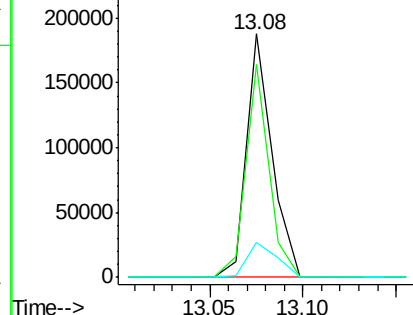
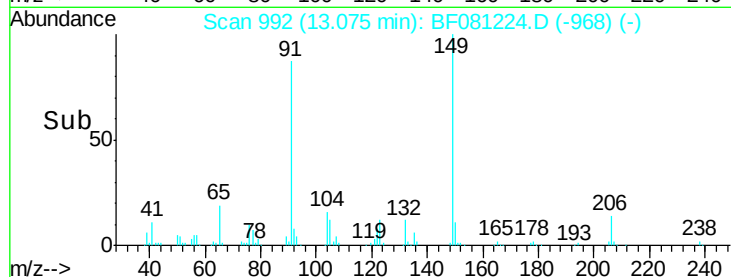
206 14.2 17.0 25.4#



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



#80

Benzo(a)anthracene

Concen: 40.56 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

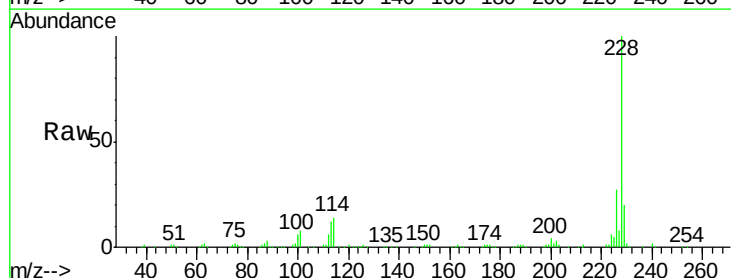
Tgt Ion:228 Resp: 355211

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

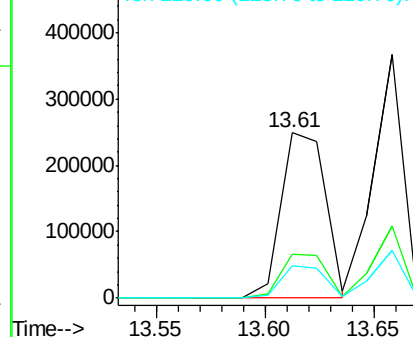
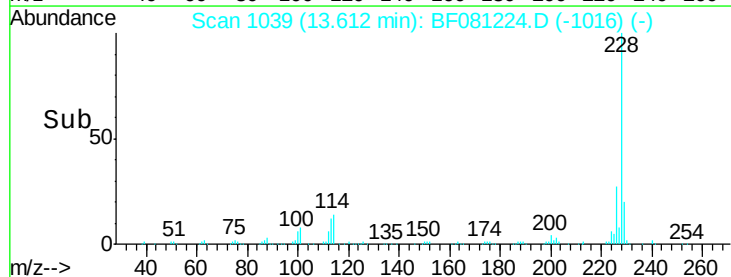
229 19.9 15.9 23.9

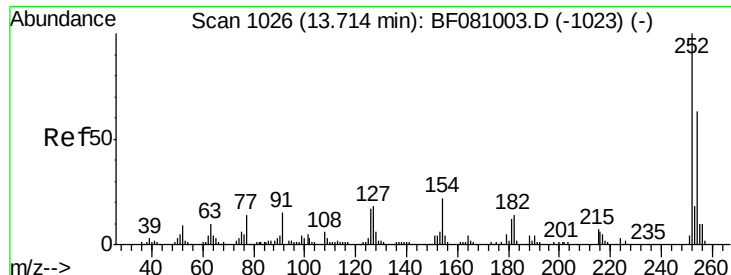


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

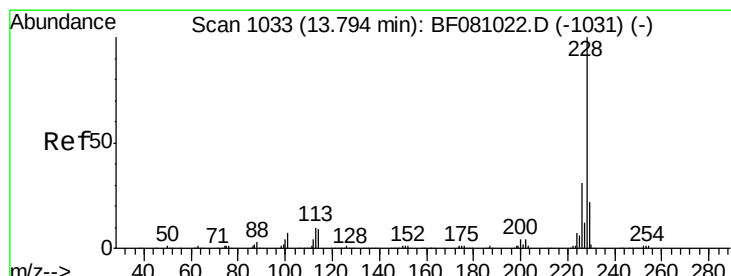
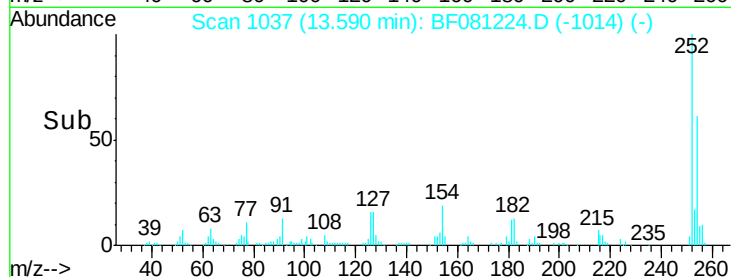
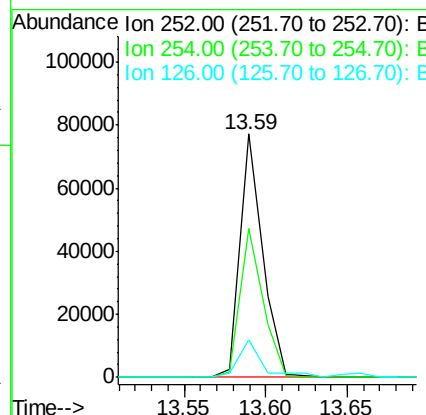
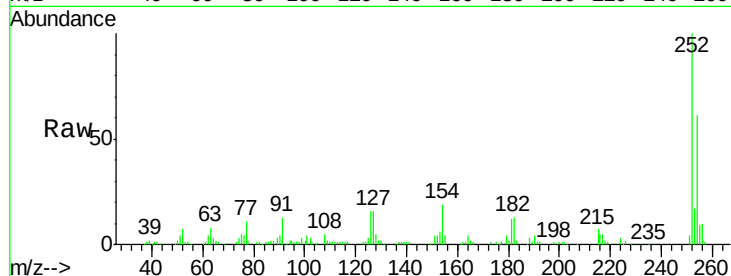




#81
 3,3'-Dichlorobenzidine
 Concen: 25.85 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

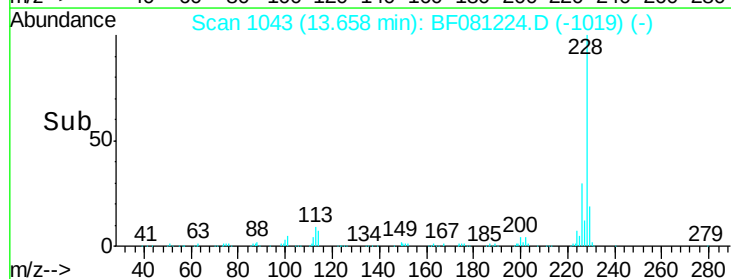
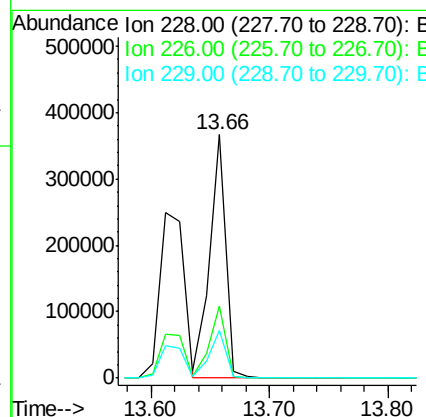
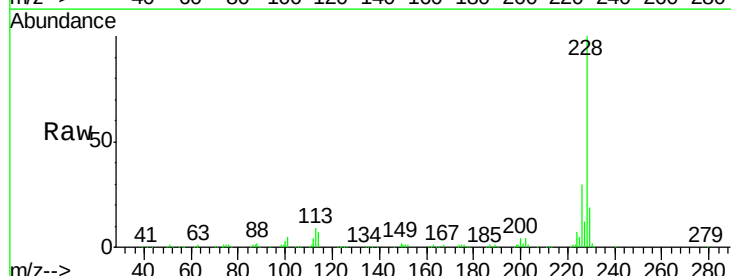
Instrument :
 BNA_F
 ClientSampled :

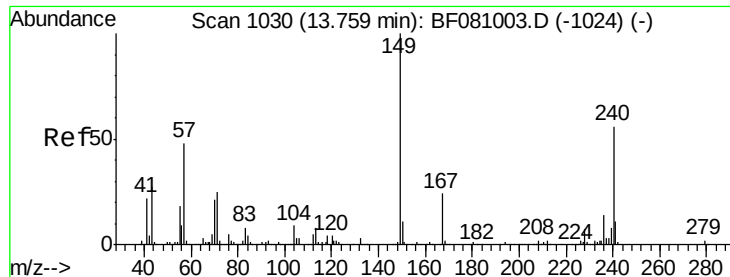
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.5	77.3
126	15.6	12.5	18.7



#82
 Chrysene
 Concen: 43.98 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.31 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

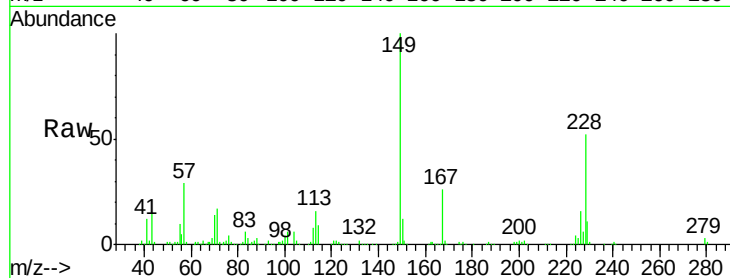
Tot Ion:149 Resp: 253190

Ion Ratio Lower Upper

149 100

167 25.8 20.7 31.1

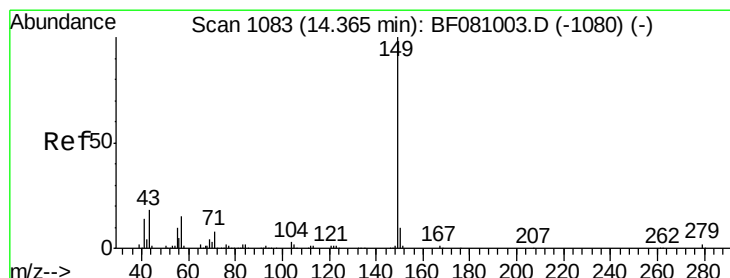
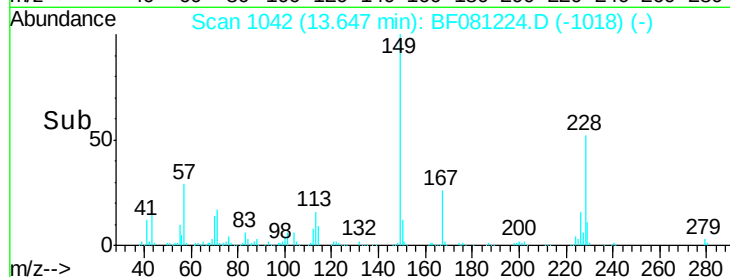
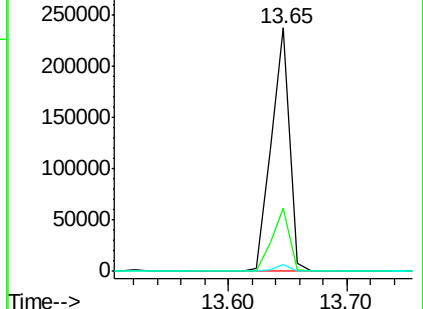
279 2.9 2.2 3.4



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: 48.16 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

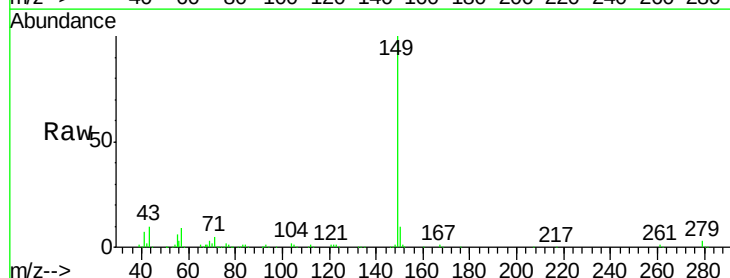
Tgt Ion:149 Resp: 427864

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

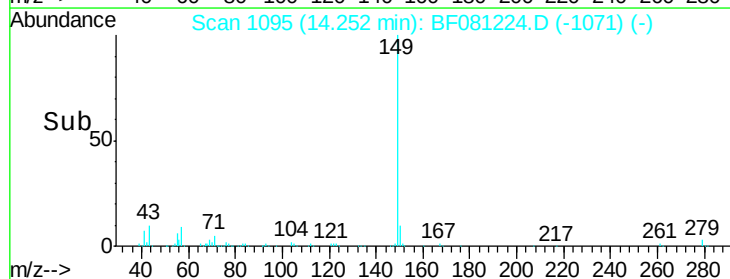
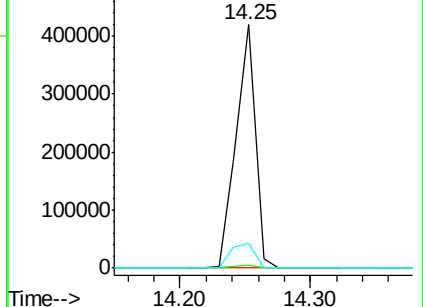
43 13.1 11.6 17.4

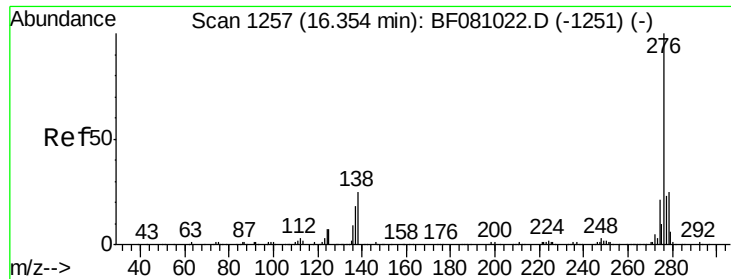


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

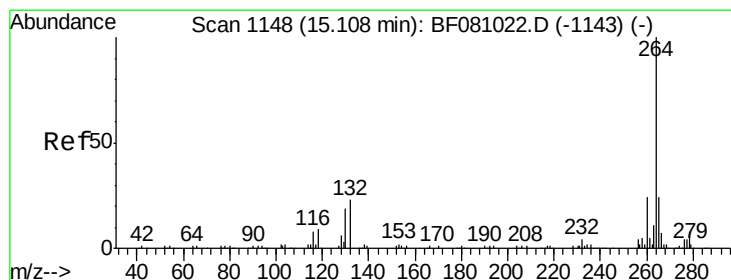
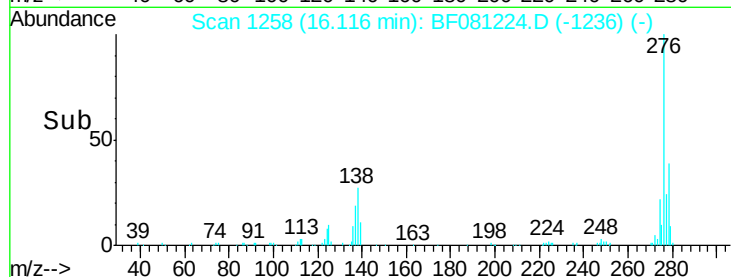
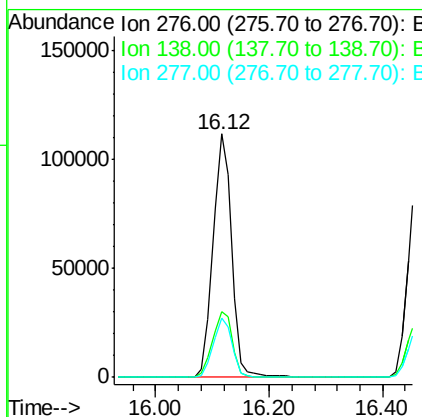
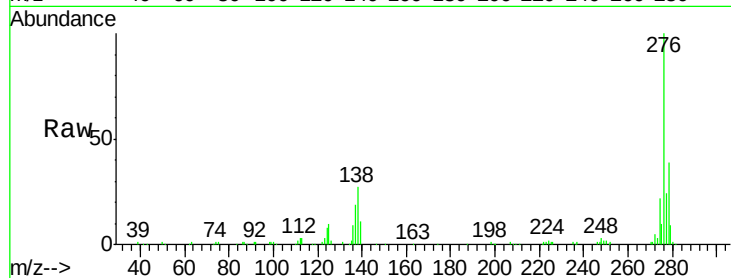




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.24 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

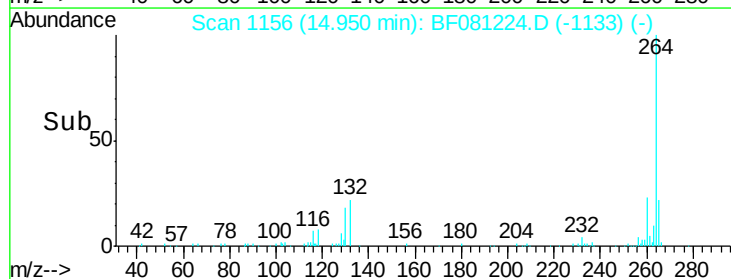
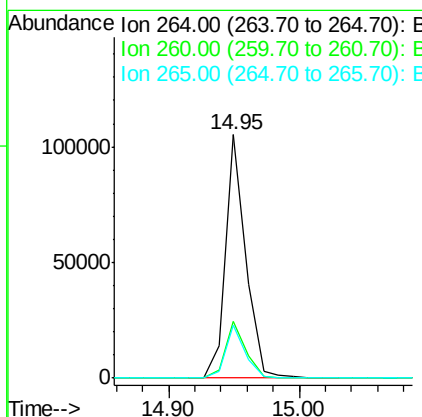
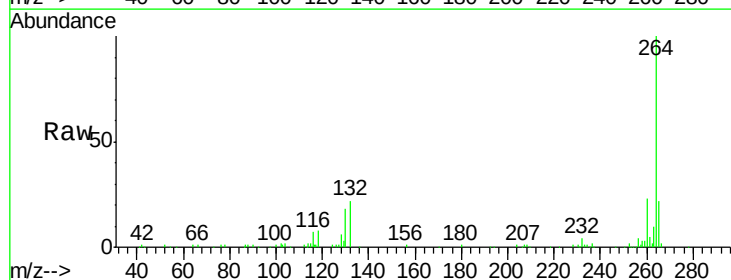
Instrument :
 BNA_F
 ClientSampleId :

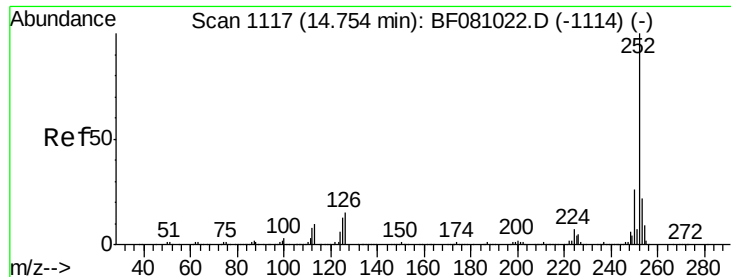
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 69.44 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

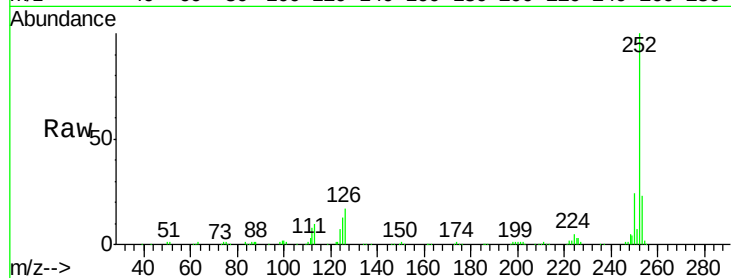
Tot Ion:252 Resp: 554128

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

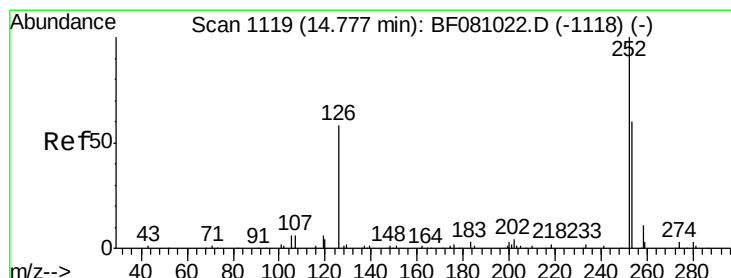
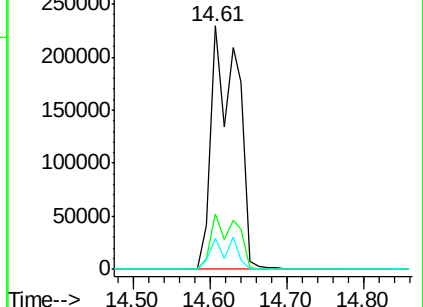
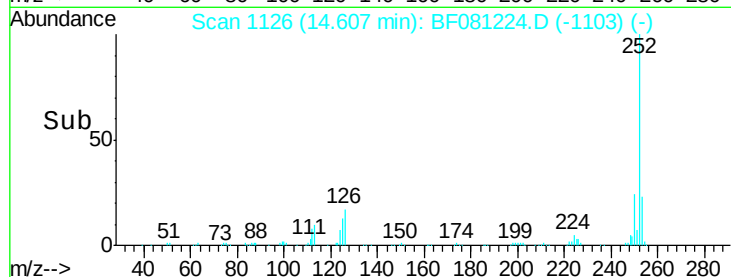
125 12.8 8.0 12.0#



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: 74.52 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

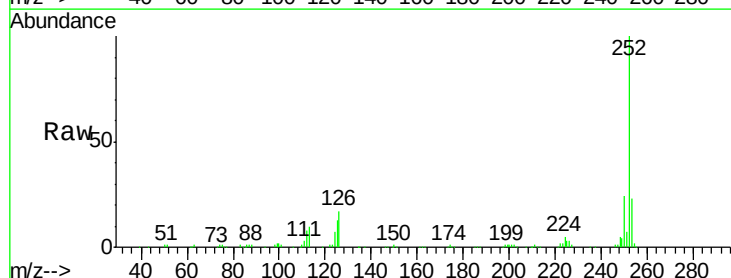
Tgt Ion:252 Resp: 554128

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

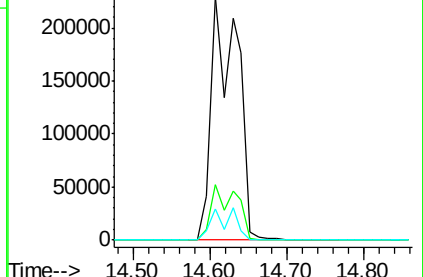
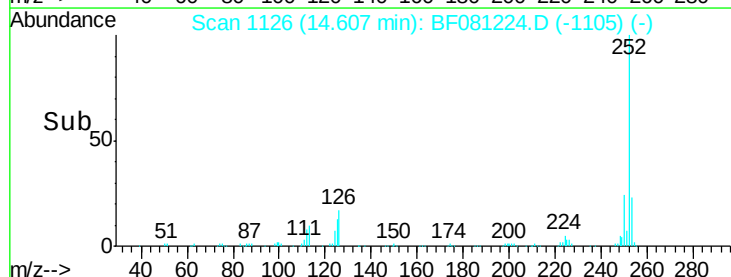
125 12.8 10.3 15.5

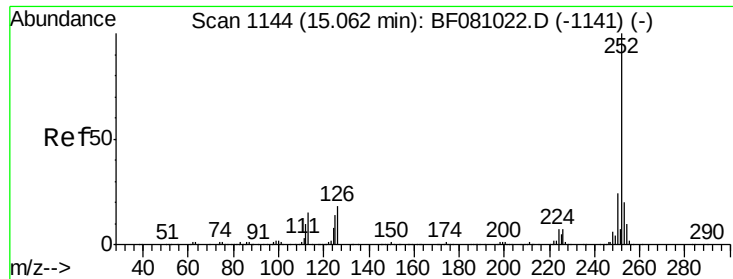


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

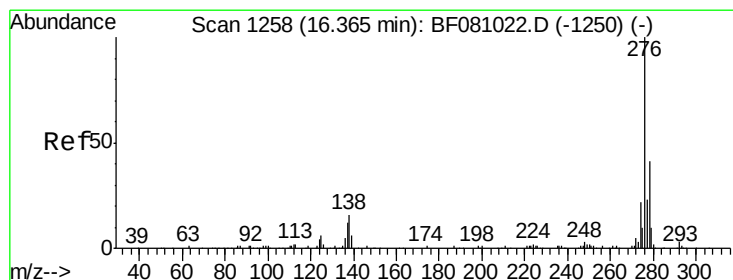
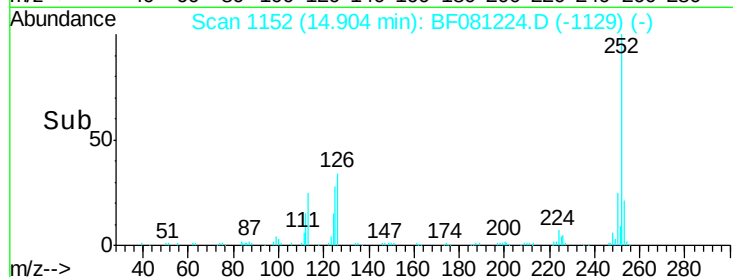
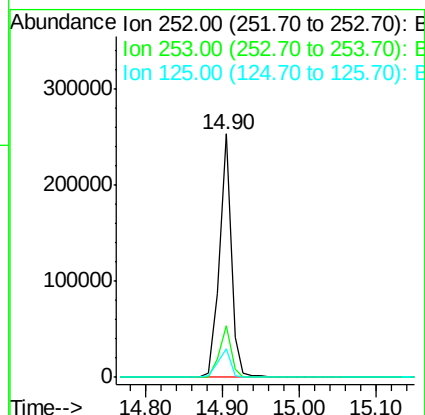
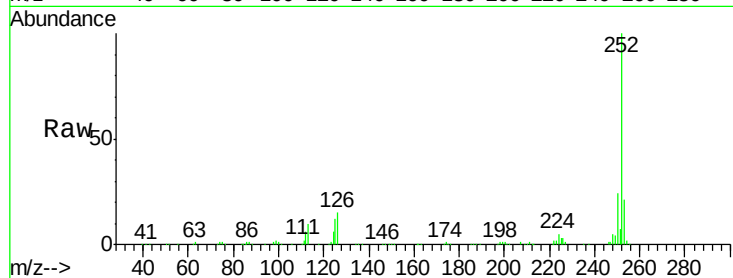




#89
Benzo(a)pyrene
Concen: 39.32 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

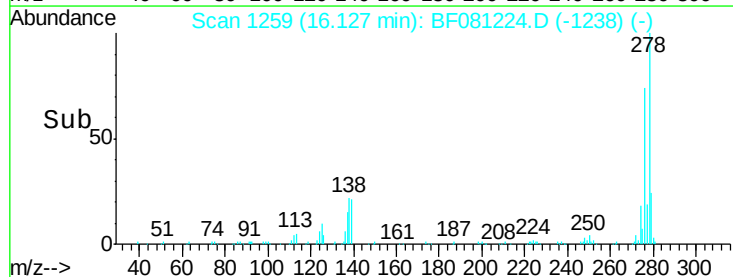
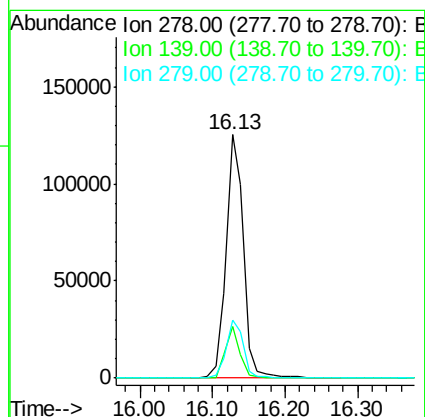
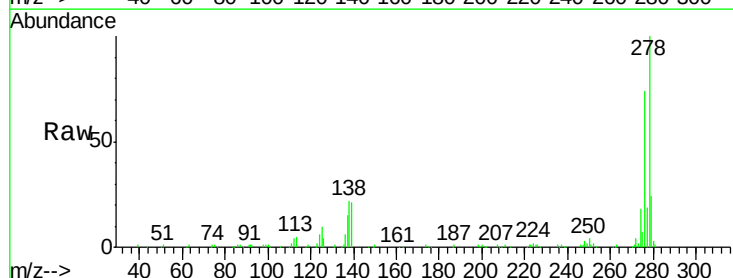
Instrument :
BNA_F
ClientSampleId :

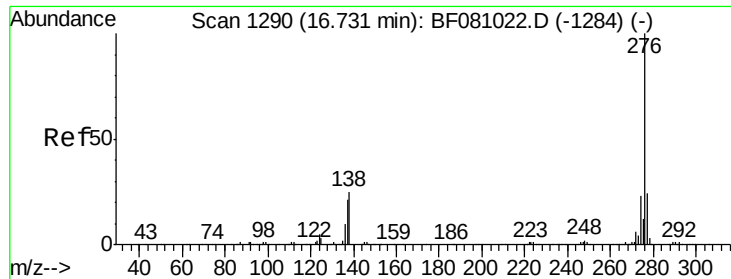
Tot Ion:252 Resp: 273405
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 11.9 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 38.32 ng
RT: 16.13 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion:278 Resp: 207590
Ion Ratio Lower Upper
278 100
139 21.2 10.8 16.2#
279 23.8 19.0 28.6

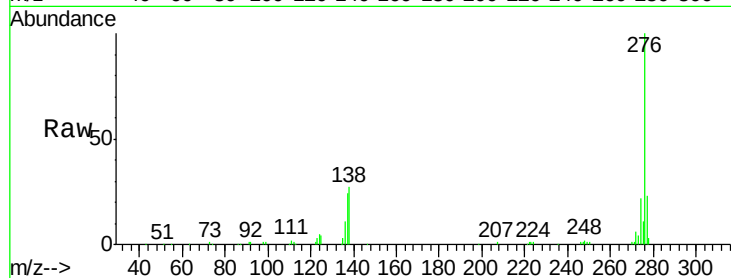




#91
 Benzo(a,h,i)perylene
 Concen: 37.84 ng
 RT: 16.46 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.2
138	27.3	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

