

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081222.D
 Acq On : 26 Aug 2015 20:16
 Operator : UM/IZ
 Sample : PB85191BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:41:14 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	48229	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	192098	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	84027	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	174209	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	128659	20.00	ng	-0.04
86) Perylene-d12	14.95	264	116961	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	247284	77.12	ng	-0.01
7) Phenol-d6	6.17	99	335103	80.10	ng	-0.02
23) Nitrobenzene-d5	7.09	82	288382	68.58	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	58341	80.10	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	466331	72.72	ng	-0.02
78) Terphenyl-d14	12.60	244	413266	68.86	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.98	88	45404	30.05	ng	95
3) Pyridine	2.57	79	127414	29.88	ng	# 79
4) n-Nitrosodimethylamine	2.53	42	76625	32.27	ng	# 76
6) Aniline	6.17	93	122145	20.08	ng	# 56
8) 2-Chlorophenol	6.30	128	130149	37.08	ng	94
9) Benzaldehyde	6.06	77	26965	10.00	ng	88
10) Phenol	6.18	94	195648	39.60	ng	# 77
11) bis(2-Chloroethyl)ether	6.26	93	143359	37.81	ng	98
12) 1,3-Dichlorobenzene	6.46	146	129896	34.44	ng	97
13) 1,4-Dichlorobenzene	6.54	146	129496	34.68	ng	97
14) 1,2-Dichlorobenzene	6.69	146	128056	36.64	ng	96
15) Benzyl Alcohol	6.67	79	123028	36.35	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	242810	32.59	ng	98
17) 2-Methylphenol	6.80	107	112505	37.36	ng	94
18) Hexachloroethane	7.03	117	53175	35.24	ng	93
19) n-Nitroso-di-n-propylamine	6.95	70	99180	34.22	ng	91
20) 3+4-Methylphenols	6.95	107	139638	36.53	ng	# 55
22) Acetophenone	6.94	105	187014	37.08	ng	# 86
24) Nitrobenzene	7.11	77	161921	36.83	ng	100
25) Isophorone	7.35	82	257343	32.82	ng	98
26) 2-Nitrophenol	7.43	139	68404	37.41	ng	# 64
27) 2,4-Dimethylphenol	7.47	122	110359	34.12	ng	96
28) bis(2-Chloroethoxy)methane	7.58	93	174113	37.58	ng	98
29) 2,4-Dichlorophenol	7.67	162	101067	37.11	ng	90
30) 1,2,4-Trichlorobenzene	7.75	180	106961	35.34	ng	99
31) Naphthalene	7.83	128	378371	35.34	ng	99
32) Benzoic acid	7.61	122	64227	35.30	ng	95
33) 4-Chloroaniline	7.89	127	60047	13.29	ng	# 84
34) Hexachlorobutadiene	7.95	225	59885	34.99	ng	98
35) Caprolactam	8.25	113	28349	29.78	ng	# 82
36) 4-Chloro-3-methylphenol	8.38	107	115004	35.43	ng	99
37) 2-Methylnaphthalene	8.51	142	236248	34.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	99634	36.75	ng	98
40) Hexachlorocyclopentadiene	8.67	237	106456	75.87	ng	100

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 QLast Update : Mon Aug 24 13:58:19 2015
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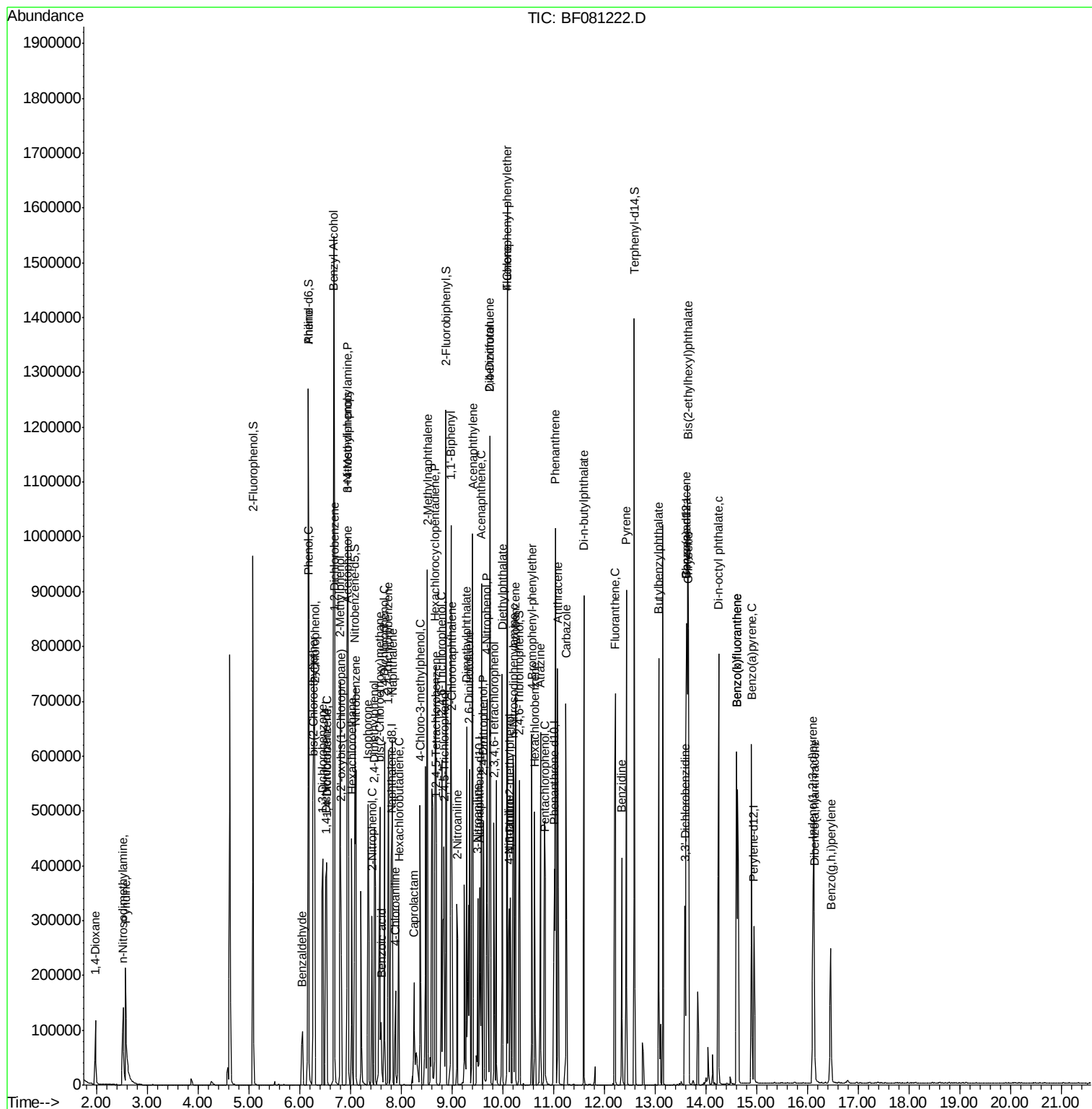
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	70892	37.01	nq	97
43) 2,4,5-Trichlorophenol	8.85	196	73815	38.56	nq	97
45) 1,1'-Biphenyl	8.98	154	307305	41.52	nq	98
46) 2-Chloronaphthalene	8.99	162	208096	35.00	nq	# 90
47) 2-Nitroaniline	9.10	65	84881	34.88	nq	96
48) Acenaphthylene	9.41	152	334804	31.48	nq	99
49) Dimethylphthalate	9.29	163	244040	35.27	nq	100
50) 2,6-Dinitrotoluene	9.35	165	55040	37.05	nq	# 80
51) Acenaphthene	9.58	154	202940	31.87	nq	98
52) 3-Nitroaniline	9.51	138	38691	20.81	nq	98
53) 2,4-Dinitrophenol	9.62	184	56452	70.10	nq	# 66
54) Dibenzofuran	9.75	168	286747	33.60	nq	92
55) 4-Nitrophenol	9.69	139	89540	68.57	nq	# 81
56) 2,4-Dinitrotoluene	9.75	165	73535	37.34	nq	# 73
57) Fluorene	10.09	166	250052	38.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	53768	36.29	nq	99
59) Diethylphthalate	9.99	149	278056	37.96	nq	97
60) 4-Chlorophenyl-phenylether	10.09	204	114561	41.24	nq	92
61) 4-Nitroaniline	10.13	138	71059	37.39	nq	85
62) Azobenzene	10.25	77	333558	39.52	nq	91
64) 4,6-Dinitro-2-methylphenol	10.15	198	33932	32.62	nq	98
65) n-Nitrosodiphenylamine	10.22	169	222121	35.72	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	56705	33.13	nq	# 68
67) Hexachlorobenzene	10.63	284	59831	34.52	nq	# 76
68) Atrazine	10.74	200	60037	34.65	nq	96
69) Pentachlorophenol	10.83	266	69929	67.25	nq	98
70) Phenanthrene	11.04	178	370065	35.84	nq	100
71) Anthracene	11.09	178	344780	34.32	nq	99
72) Carbazole	11.25	167	317857	32.86	nq	99
73) Di-n-butylphthalate	11.60	149	453603	38.75	nq	99
74) Fluoranthene	12.22	202	403738	36.24	nq	97
76) Benzidine	12.34	184	155157	31.92	nq	100
77) Pyrene	12.44	202	366984	35.09	nq	99
79) Butylbenzylphthalate	13.08	149	172444	38.36	nq	# 68
80) Benzo(a)anthracene	13.62	228	335556	38.89	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	60853	21.77	nq	99
82) Chrysene	13.66	228	331387	42.62	nq	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	241150	41.88	nq	99
84) Di-n-octyl phthalate	14.25	149	401438	45.87	nq	98
85) Indeno(1,2,3-cd)pyrene	16.12	276	243953	44.68	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	542508	65.57	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	542508	70.37	nq	99
89) Benzo(a)pyrene	14.90	252	258331	35.84	nq	# 96
90) Dibenzo(a,h)anthracene	16.14	278	202162	35.99	nq	99
91) Benzo(g,h,i)perylene	16.47	276	202407	35.52	nq	98

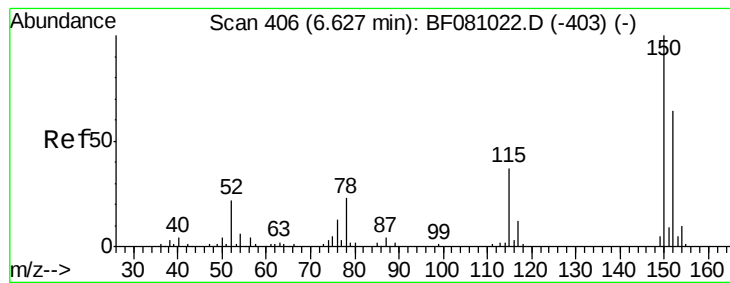
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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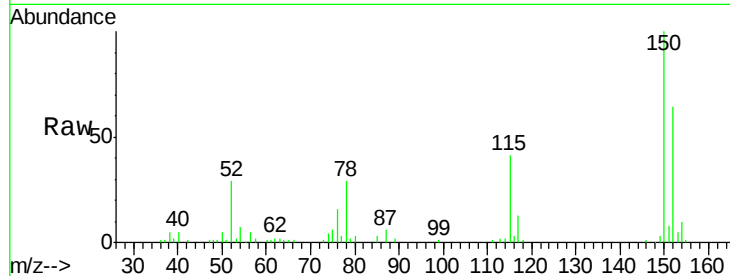


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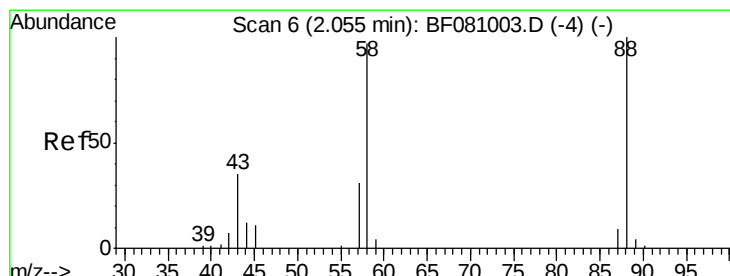
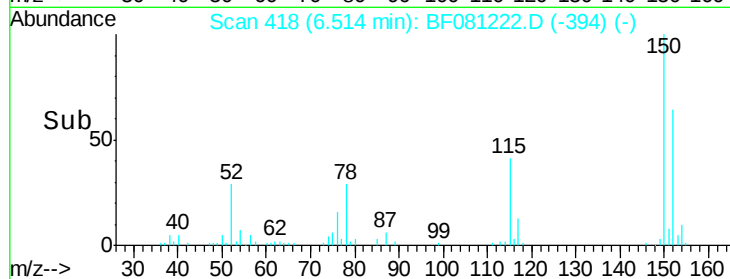
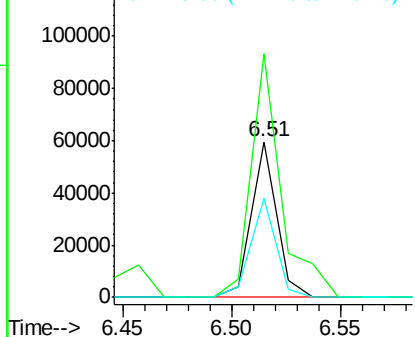
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48229
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 63.8 52.1 78.1



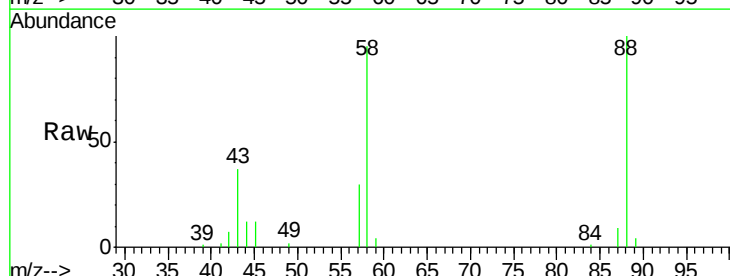
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



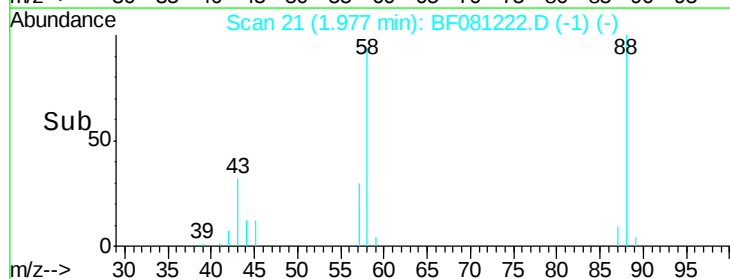
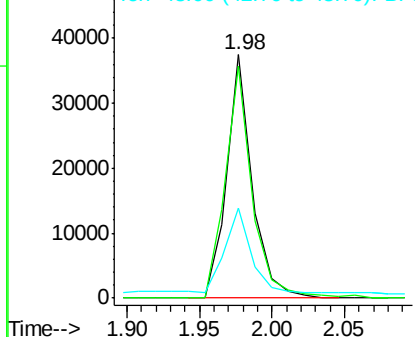
#2

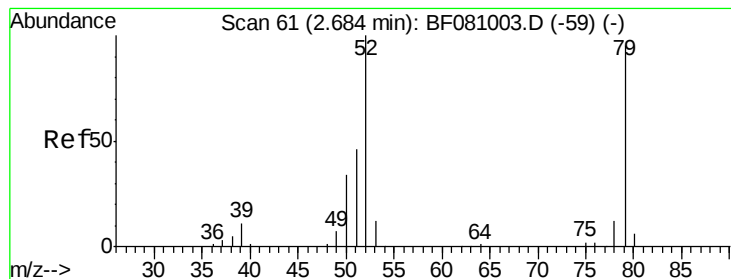
1,4-Dioxane
Concen: 30.05 ng
RT: 1.98 min Scan# 21
Delta R.T. 0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion: 88 Resp: 45404
Ion Ratio Lower Upper
88 100
58 101.6 83.7 125.5
43 39.5 37.5 56.3



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





#3

Pvridine

Concen: 29.88 ng

RT: 2.57 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

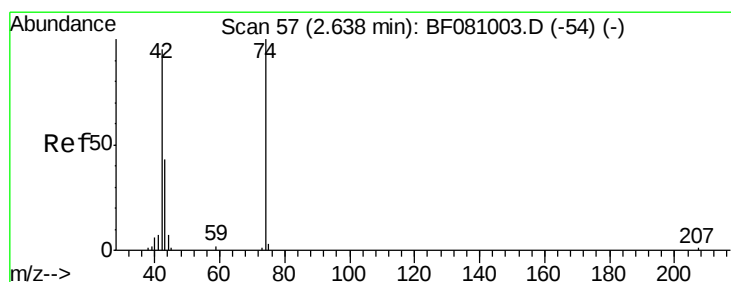
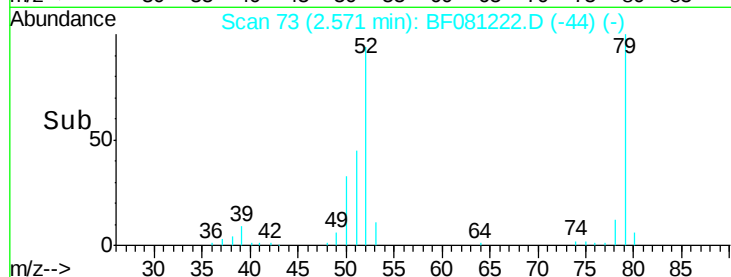
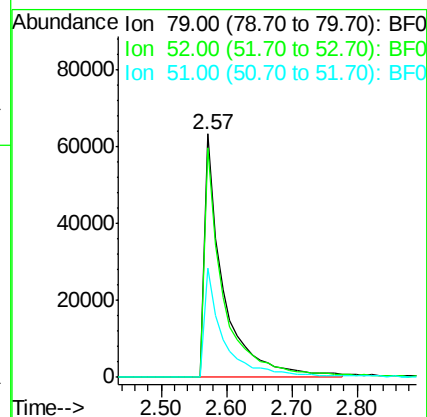
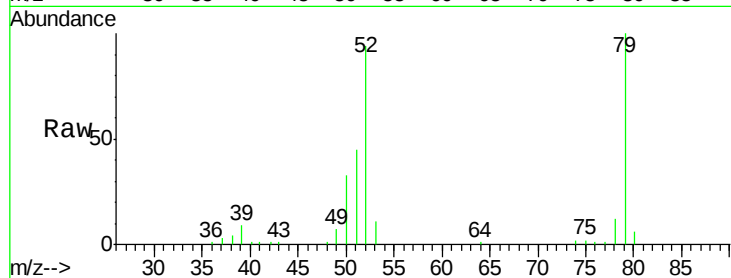
Tot Ion: 79 Resp: 127414

Ion Ratio Lower Upper

79 100

52 94.1 95.1 142.7#

51 45.0 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 32.27 ng

RT: 2.53 min Scan# 69

Delta R.T. 0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

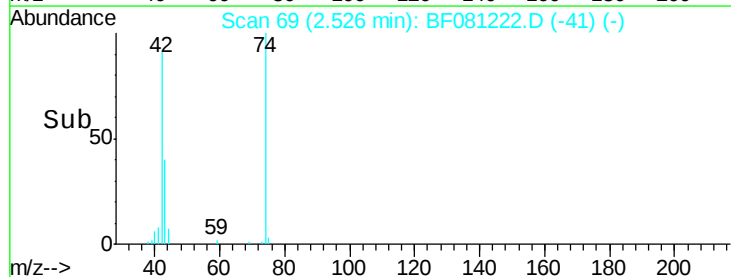
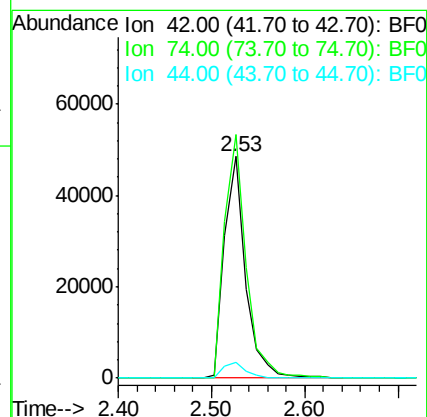
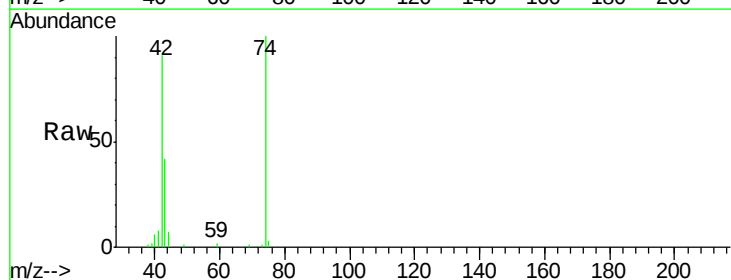
Tgt Ion: 42 Resp: 76625

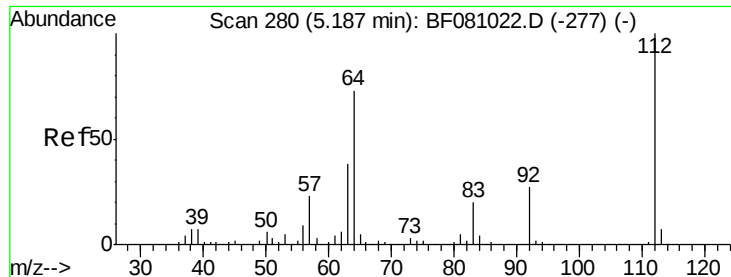
Ion Ratio Lower Upper

42 100

74 110.0 69.3 103.9#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 77.12 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081222.D

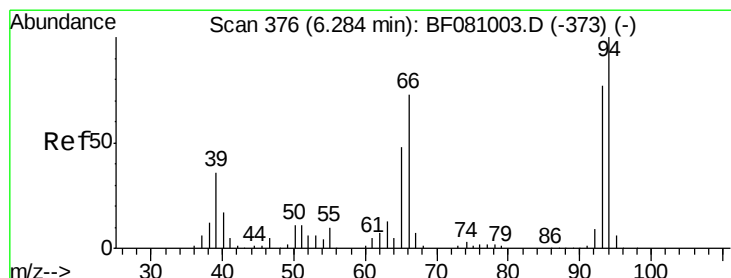
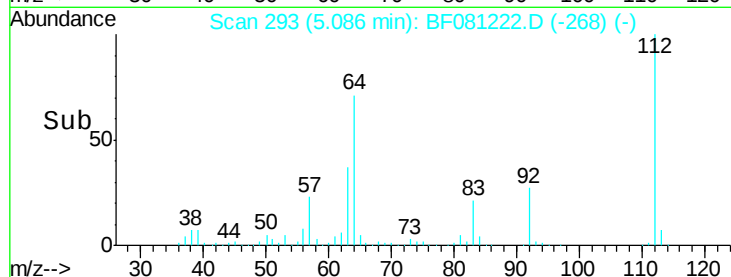
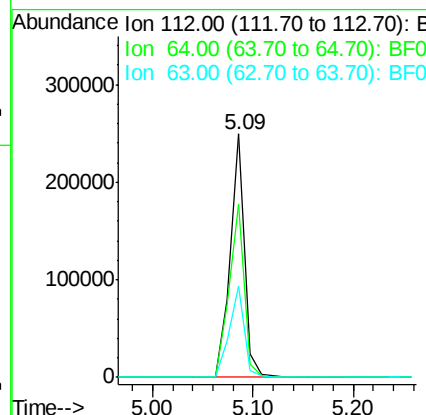
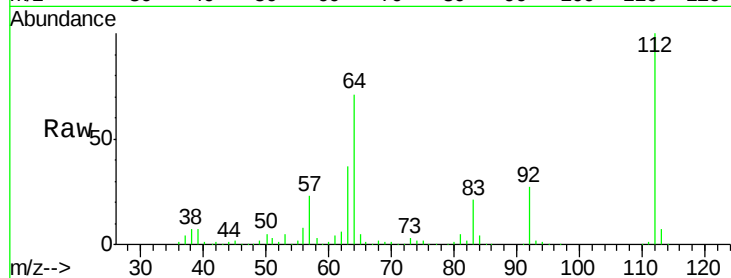
Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	247284
Ion	Ratio	Lower	Upper
112	100		
64	71.2	66.9	100.3
63	37.5	38.1	57.1#



#6

Aniline

Concen: 20.08 ng

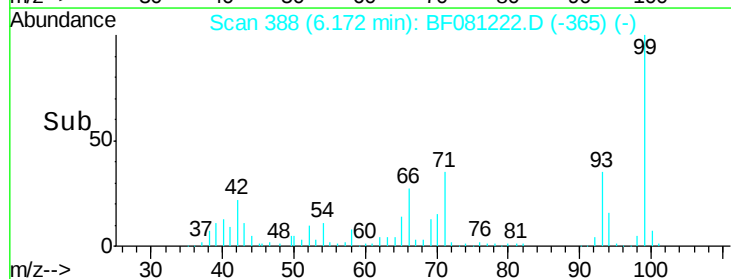
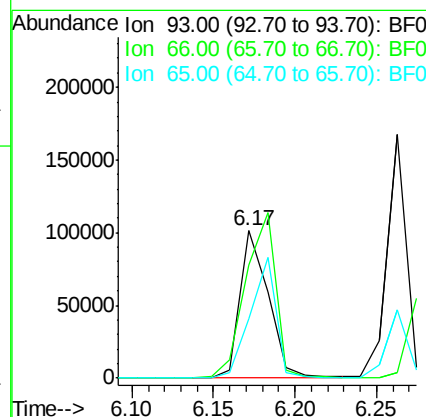
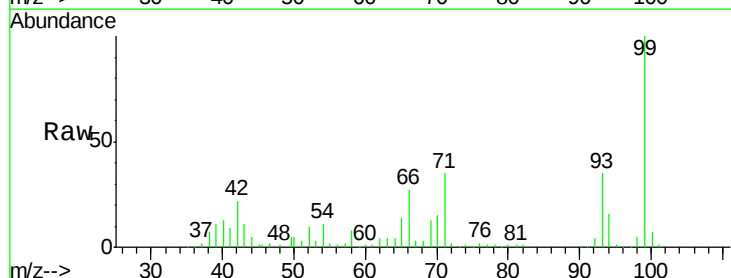
RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Tgt Ion:	93	Resp:	122145
Ion	Ratio	Lower	Upper
93	100		
66	76.6	35.6	53.4#
65	40.1	18.7	28.1#





#7

Phenol-d6

Concen: 80.10 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

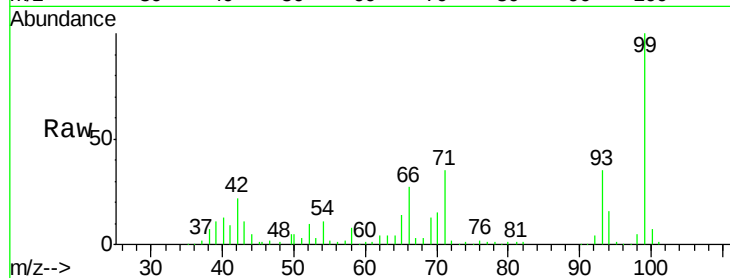
Tot Ion: 99 Resp: 335103

Ion Ratio Lower Upper

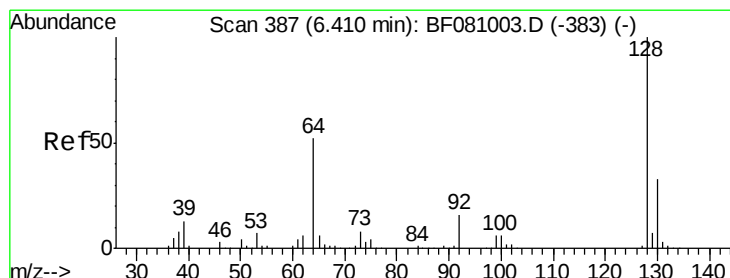
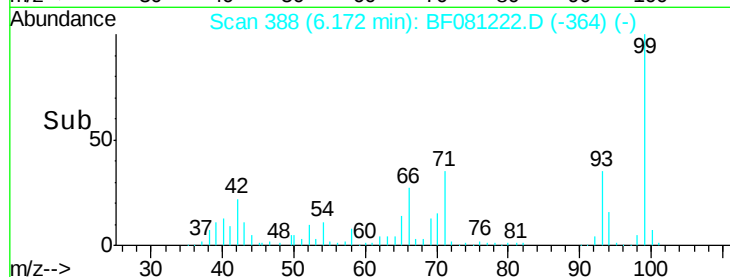
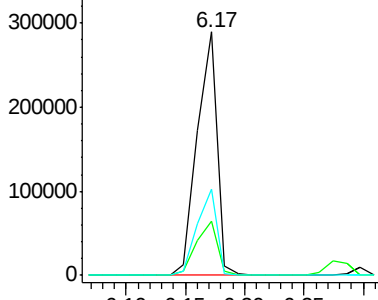
99 100

42 22.0 19.6 29.4

71 35.3 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: 37.08 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

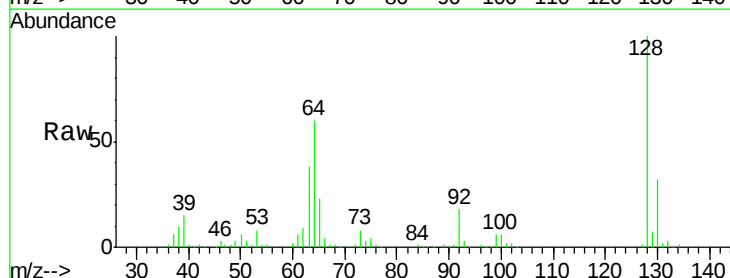
Tgt Ion: 128 Resp: 130149

Ion Ratio Lower Upper

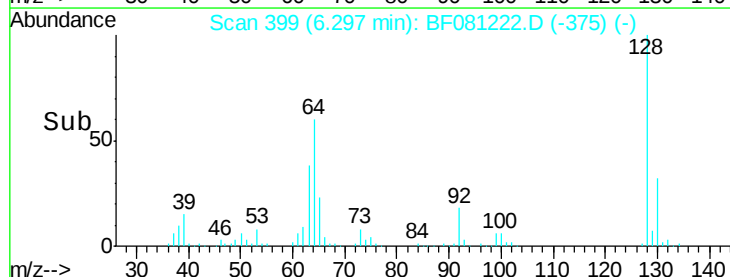
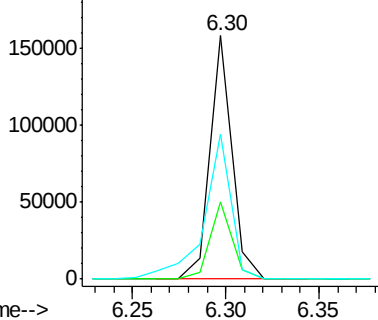
128 100

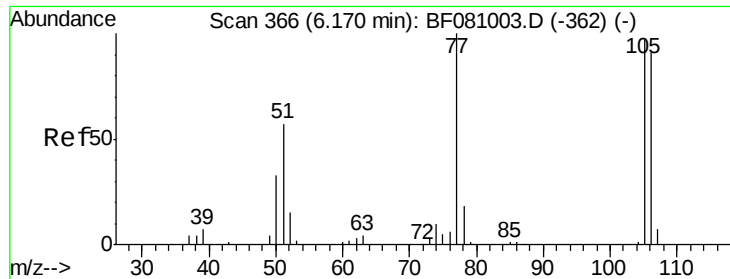
130 31.8 12.5 52.5

64 59.8 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: 10.00 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampled :

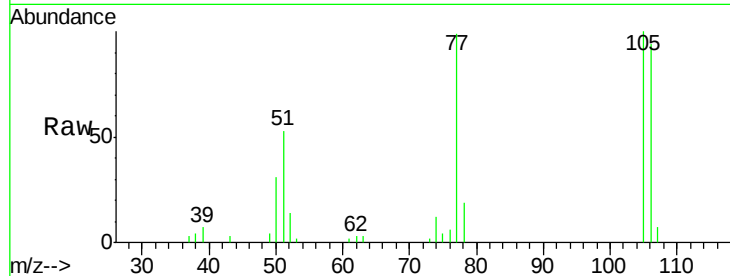
Tot Ion: 77 Resp: 26965

Ion Ratio Lower Upper

77 100

105 100.9 69.6 109.6

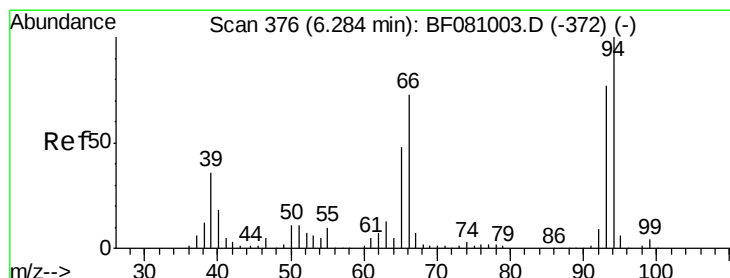
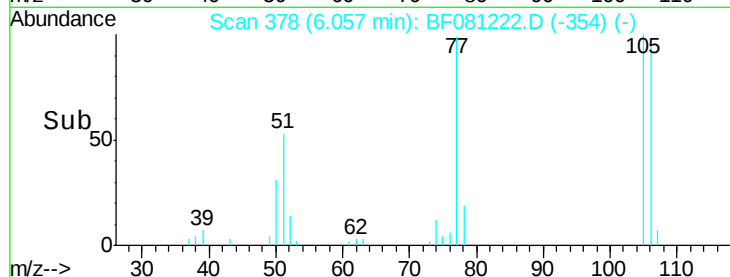
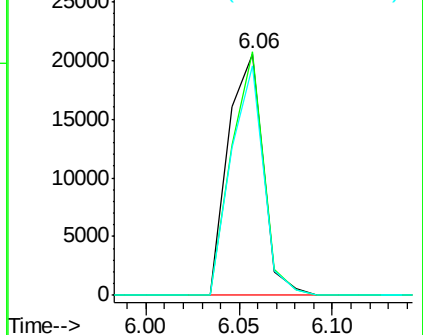
106 95.2 64.0 104.0



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: 39.60 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

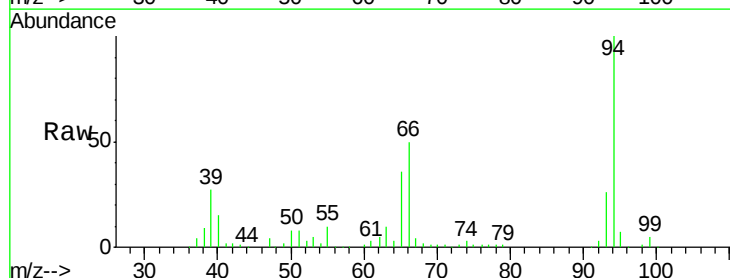
Tgt Ion: 94 Resp: 195648

Ion Ratio Lower Upper

94 100

65 36.4 28.4 68.4

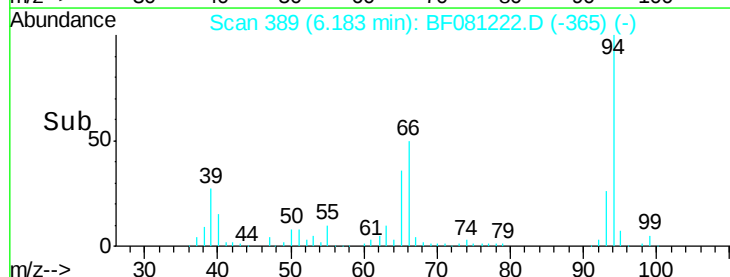
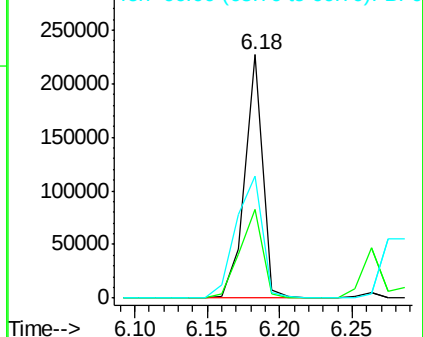
66 50.0 52.3 92.3#



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

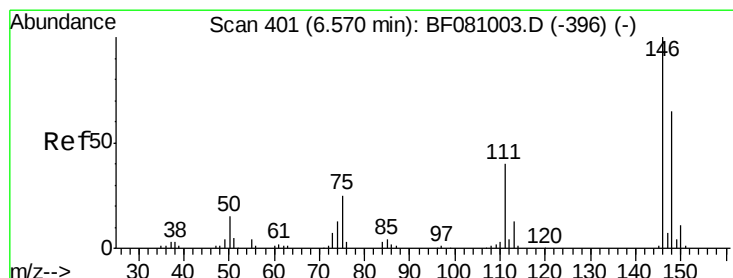
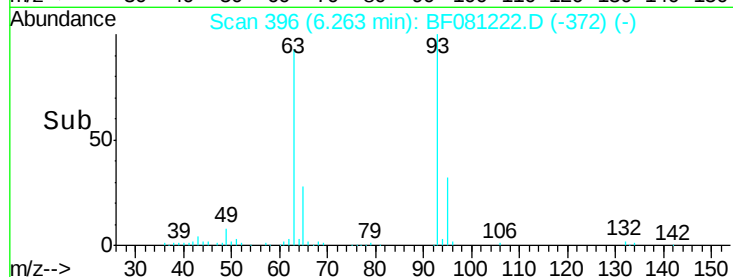
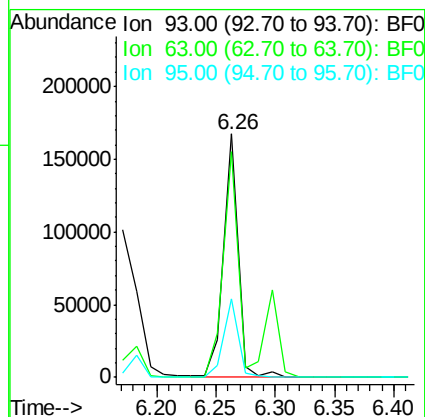
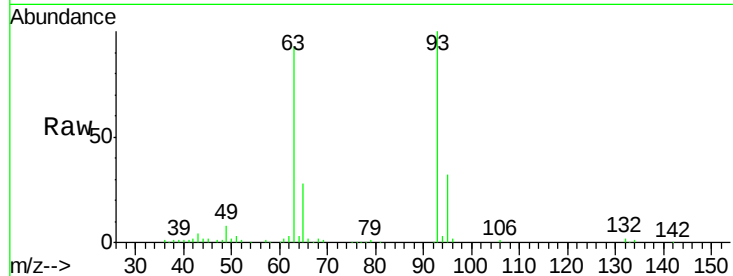




#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.26 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

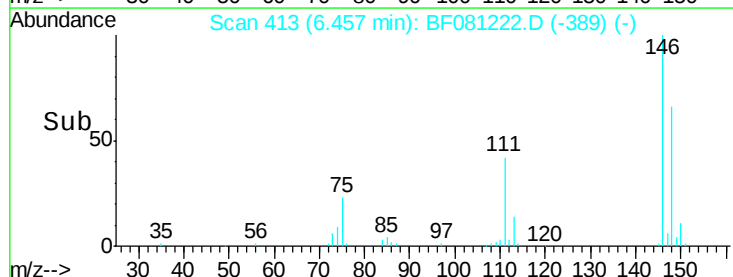
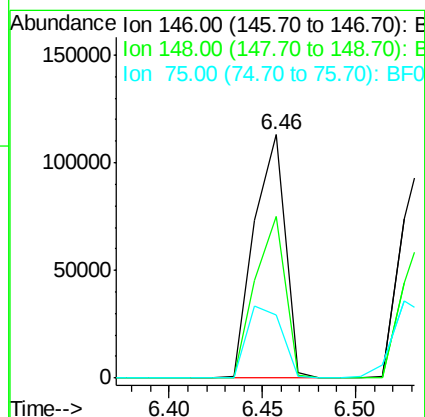
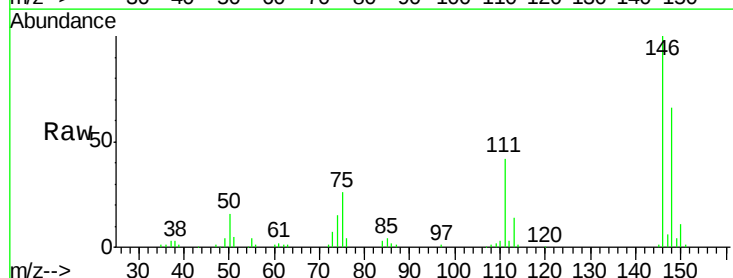
Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 143359
Ion Ratio Lower Upper
93 100
63 92.5 69.6 109.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.44 ng
RT: 6.46 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion: 146 Resp: 129896
Ion Ratio Lower Upper
146 100
148 66.4 53.3 79.9
75 25.8 25.0 37.6

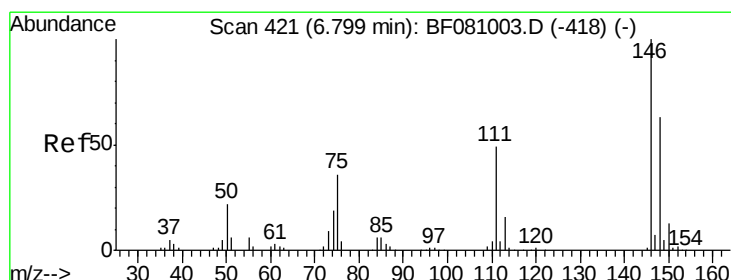
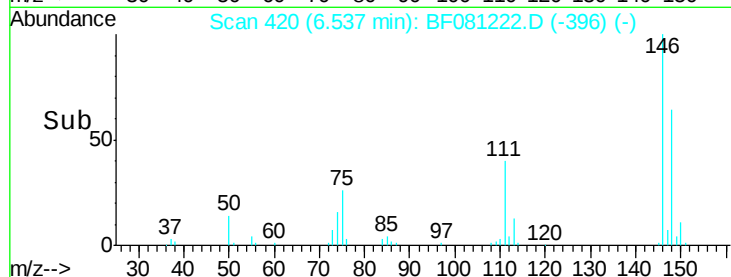
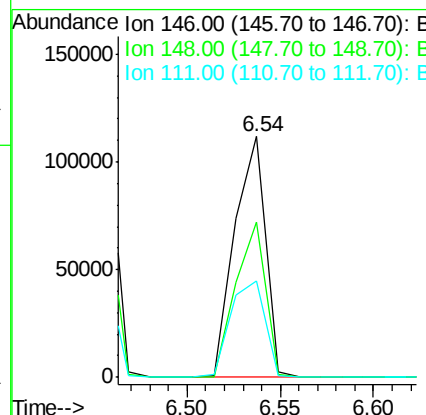
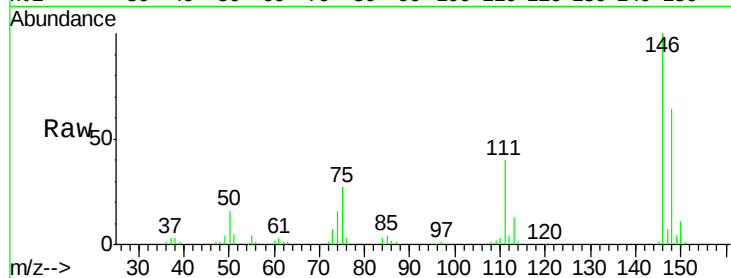




#13
 1,4-Dichlorobenzene
 Concen: 34.68 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

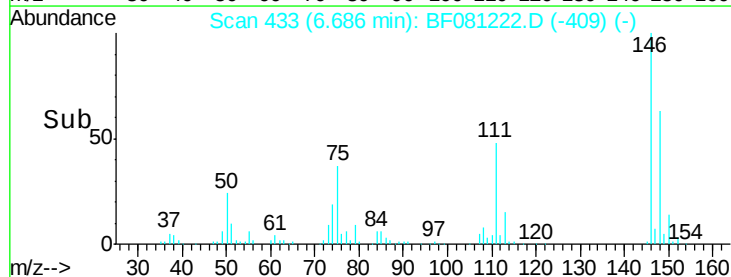
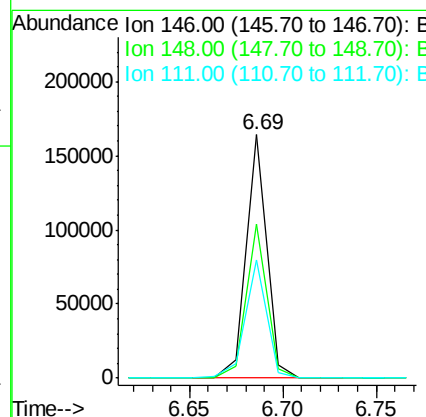
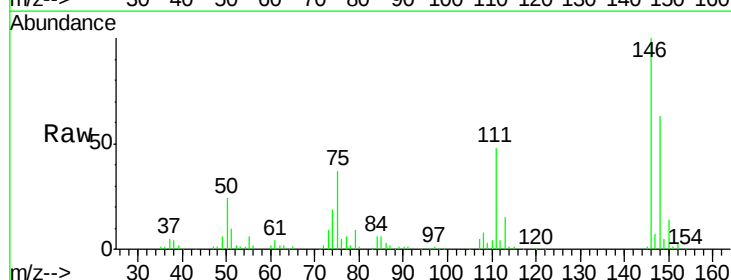
Instrument :
 BNA_F
 ClientSampleId :

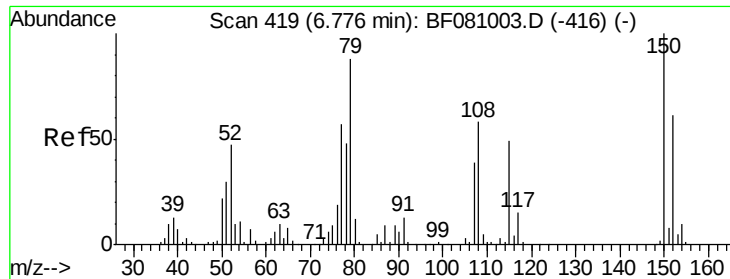
Tot Ion:146 Resp: 129496
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 40.1 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 36.64 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:146 Resp: 128056
 Ion Ratio Lower Upper
 146 100
 148 63.1 48.7 73.1
 111 48.4 42.3 63.5

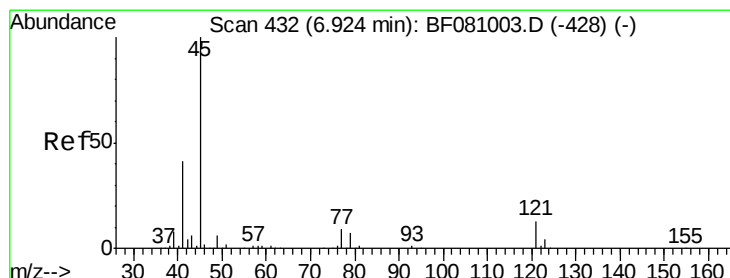
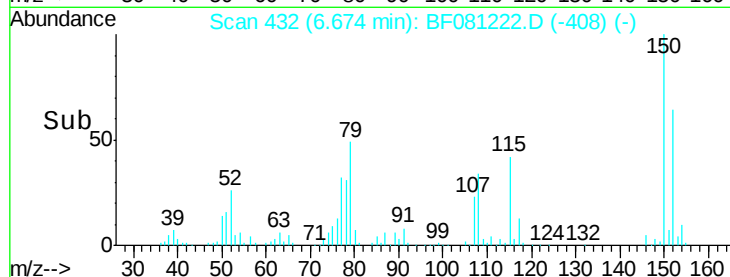
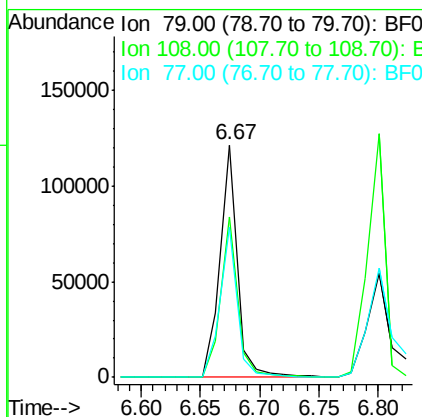
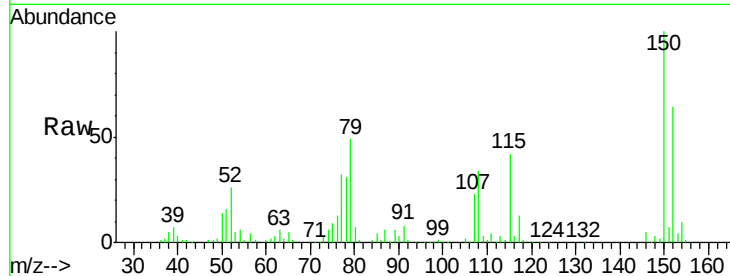




#15
Benzyl Alcohol
Concen: 36.35 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

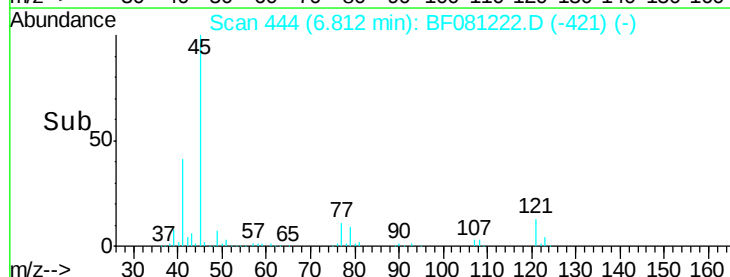
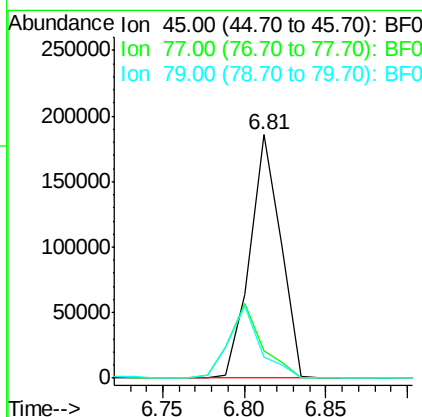
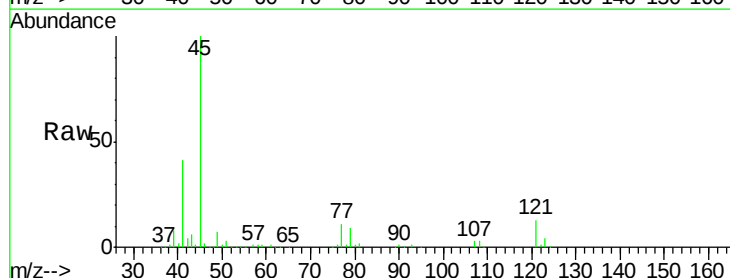
Instrument :
BNA_F
ClientSampleId :

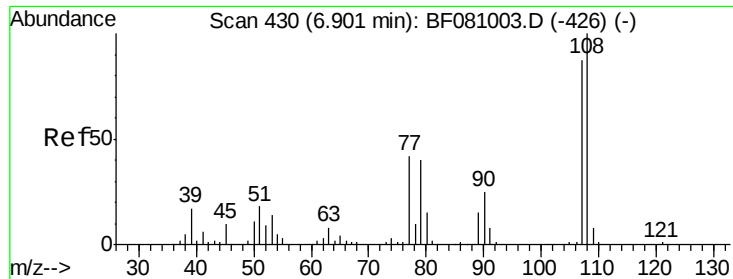
Tot Ion: 79 Resp: 123028
Ion Ratio Lower Upper
79 100
108 69.0 49.4 74.2
77 64.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.59 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion: 45 Resp: 242810
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.2
79 8.6 0.0 28.0

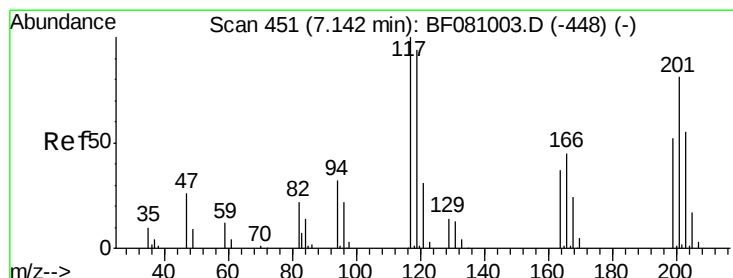
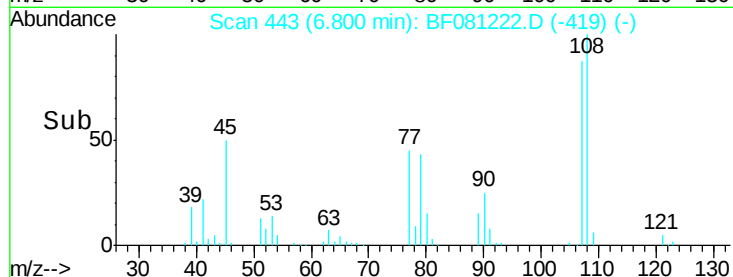
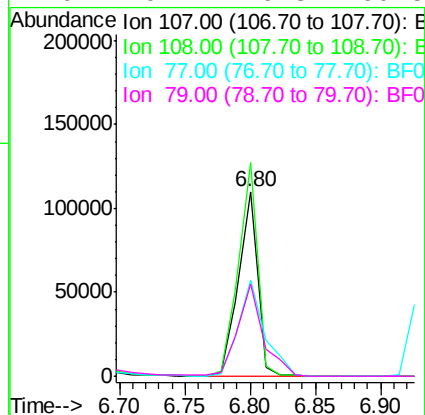
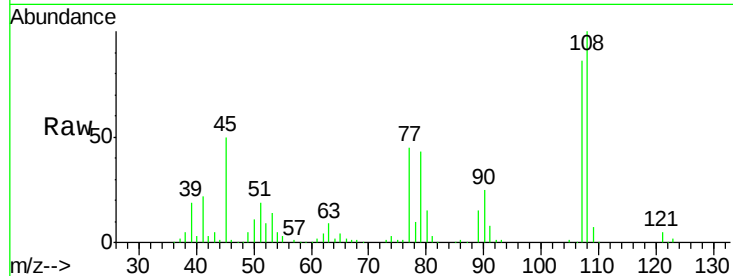




#17
2-Methylphenol
Concen: 37.36 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

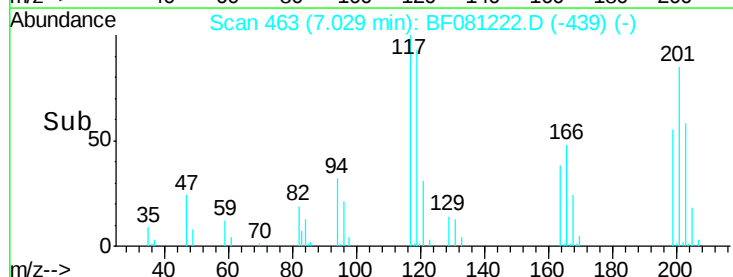
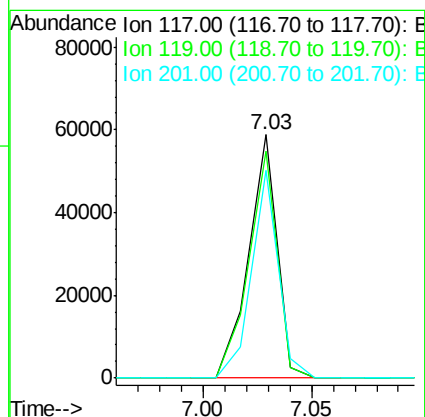
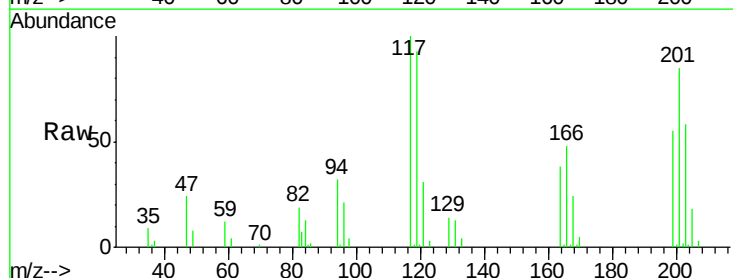
Instrument :
BNA_F
ClientSampleId :

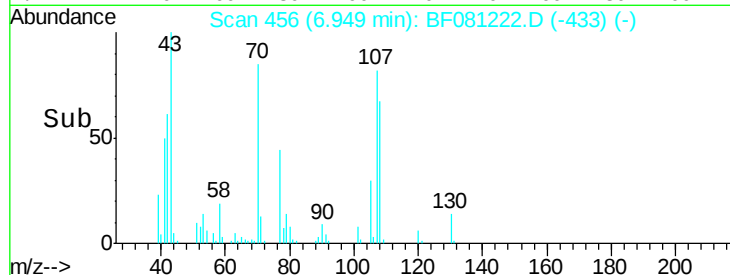
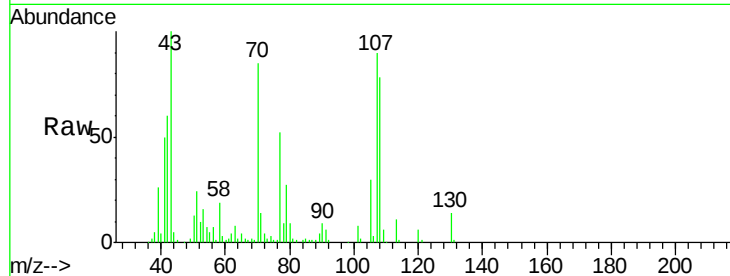
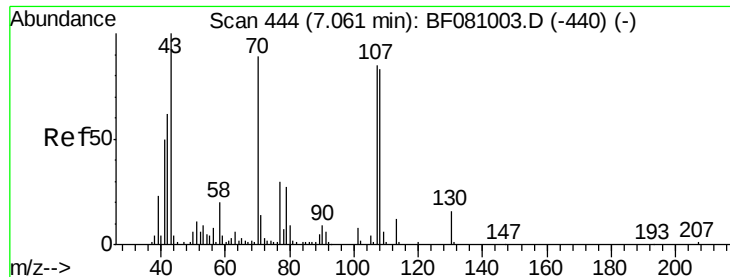
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.4	135.6
77	52.0	46.5	69.7
79	49.7	46.3	69.5



#18
Hexachloroethane
Concen: 35.24 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.9	116.9
201	85.4	61.3	91.9

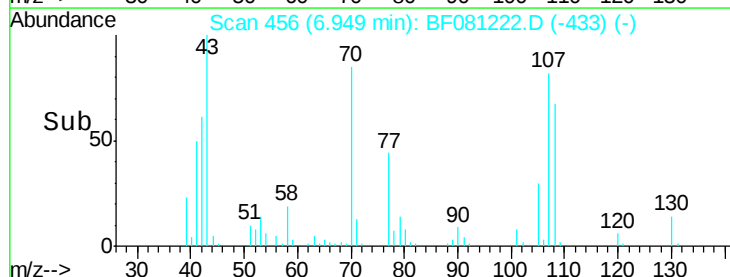
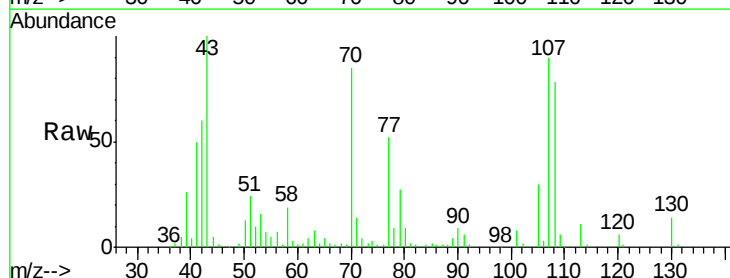
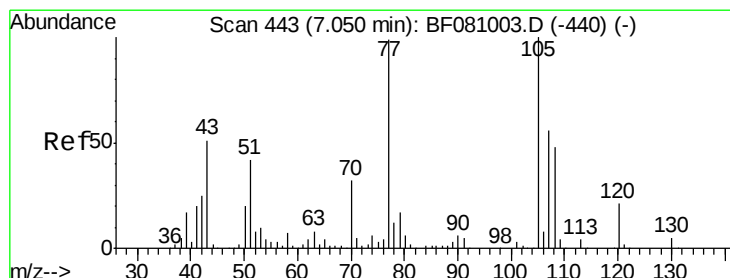
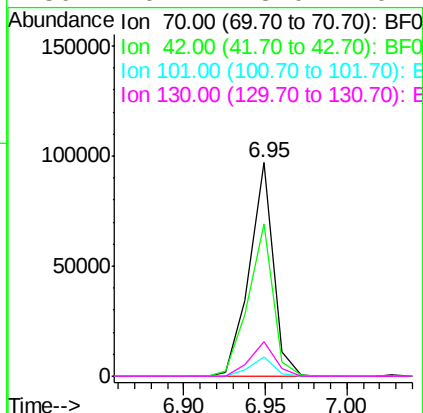




#19
n-Nitroso-di-n-propylamine
Concen: 34.22 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

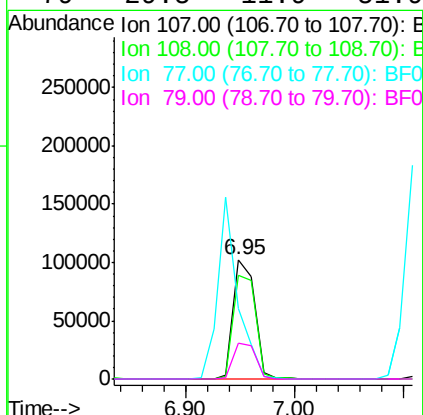
Instrument :
BNA_F
ClientSampled :

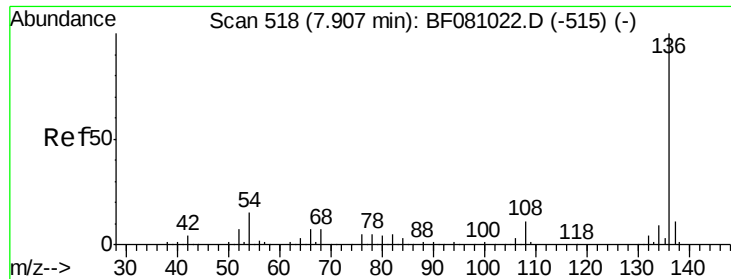
Tot Ion:	70	Resp:	99180
Ion	Ratio	Lower	Upper
70	100		
42	71.2	65.0	97.4
101	8.9	7.4	11.2
130	16.4	13.0	19.4



#20
3+4-Methylphenols
Concen: 36.53 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:	107	Resp:	139638
Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.1	106.1
77	58.5	139.3	179.3#
79	29.5	11.9	51.9

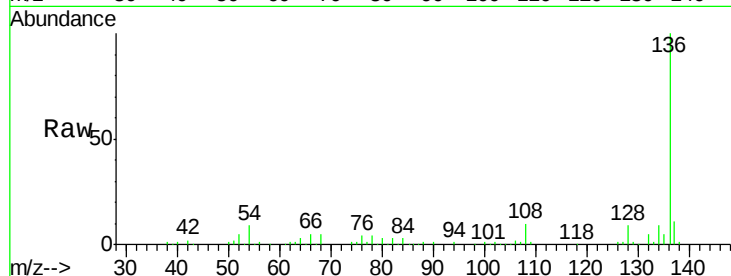




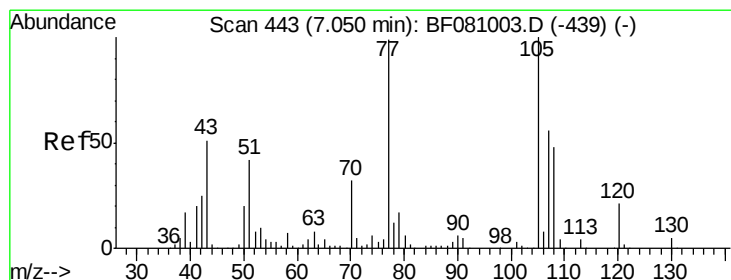
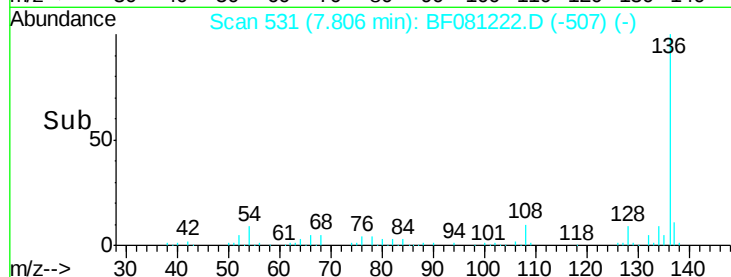
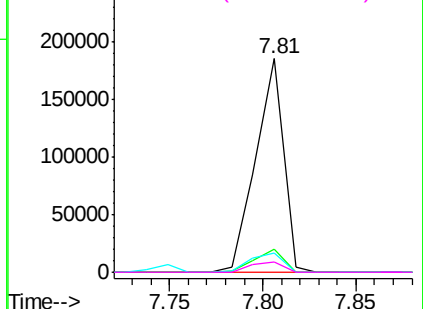
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	192098
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	8.9	7.7 11.5
68	4.9	3.4 5.2

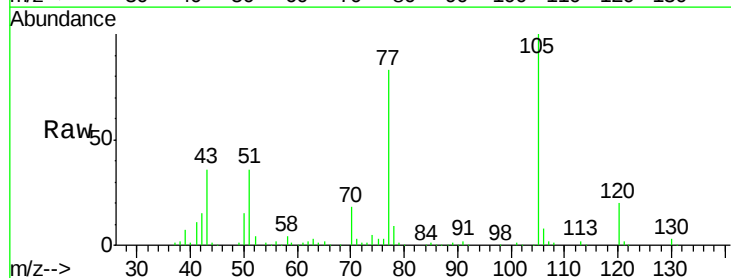


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

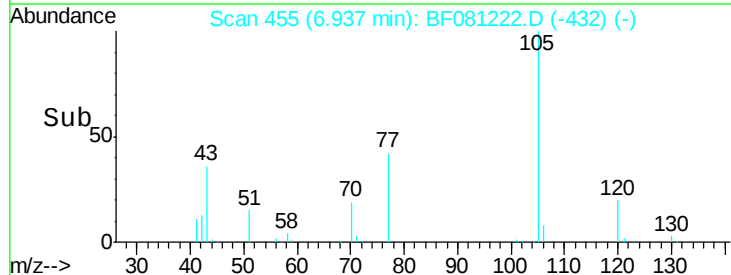
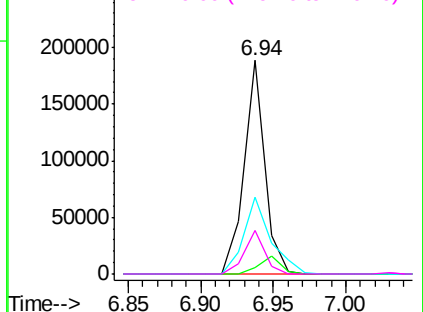


#22
Acetophenone
Concen: 37.08 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:105	Resp:	187014
Ion Ratio	Lower	Upper
105	100	
71	3.2	3.0 4.6
51	35.7	39.8 59.8#
120	20.2	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

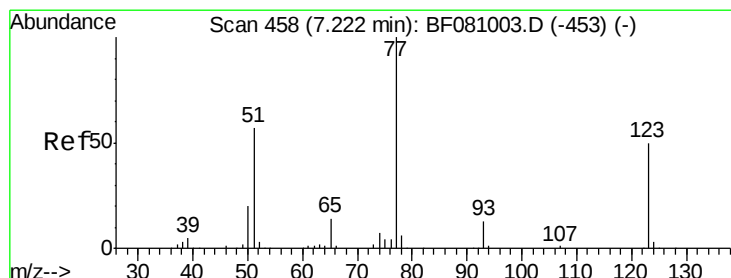
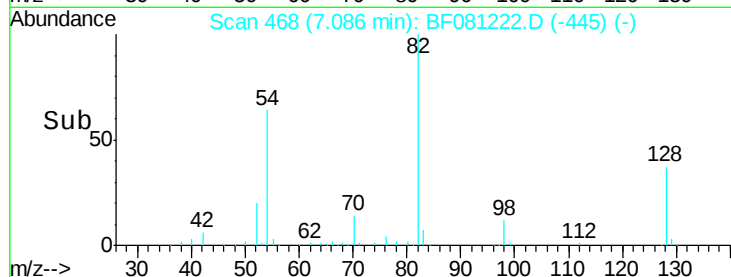
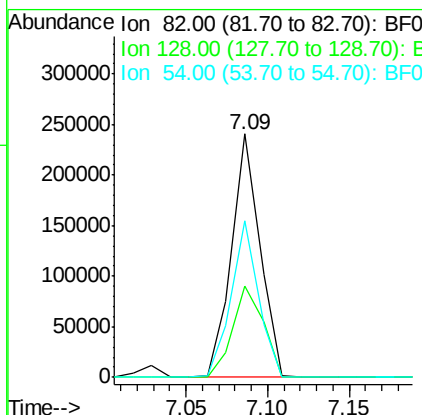
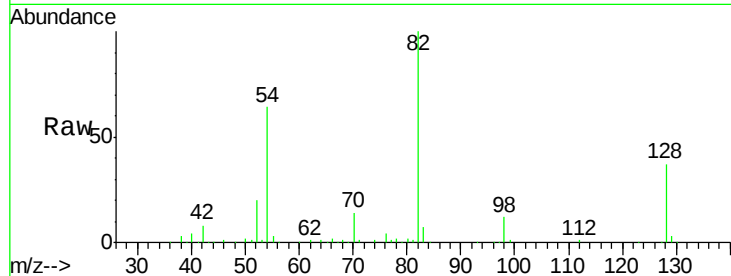




#23
 Nitrobenzene-d5
 Concen: 68.58 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

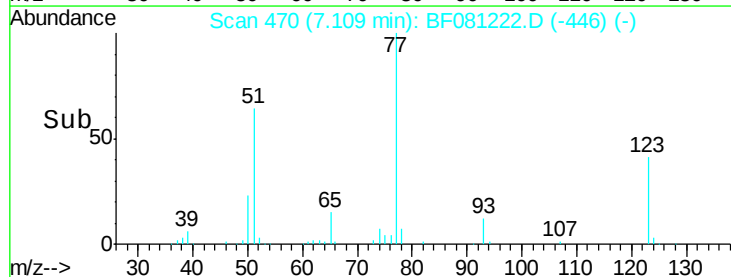
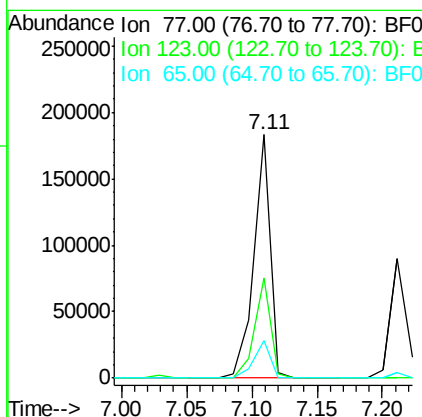
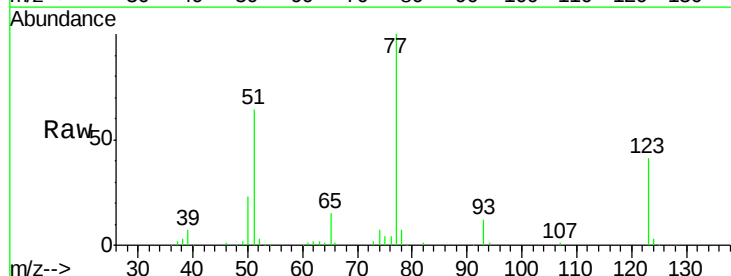
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	288382
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.6	42.8
54	64.4	55.1	82.7



#24
 Nitrobenzene
 Concen: 36.83 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion	77	Resp	161921
Ion Ratio	Lower	Upper	
77	100		
123	41.2	32.9	49.3
65	15.3	12.5	18.7





#25

Isophorone

Concen: 32.82 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

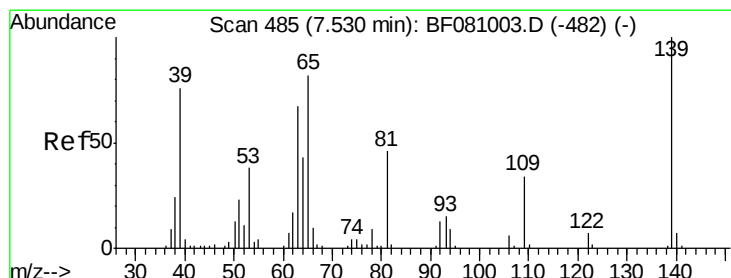
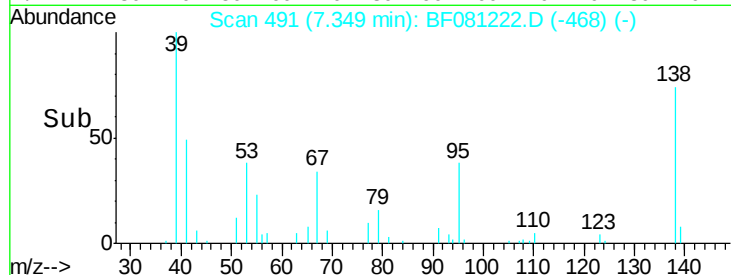
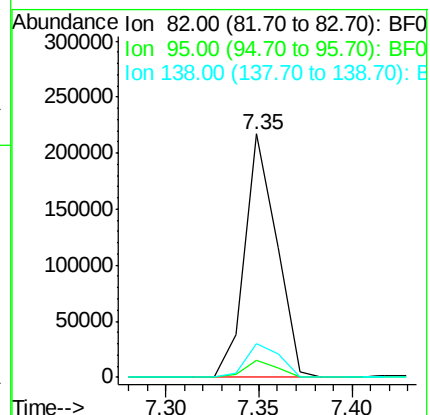
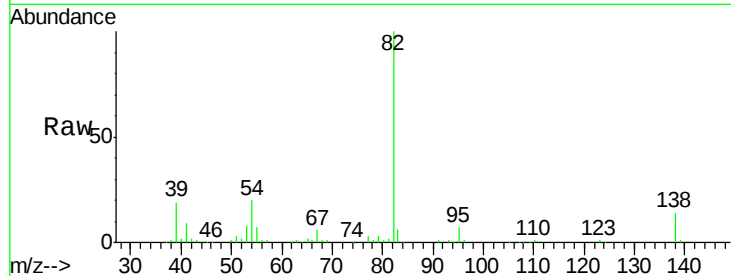
Tot Ion: 82 Resp: 257343

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 13.6 10.5 15.7



#26

2-Nitrophenol

Concen: 37.41 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

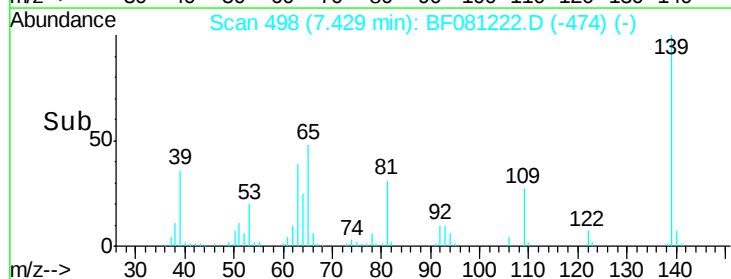
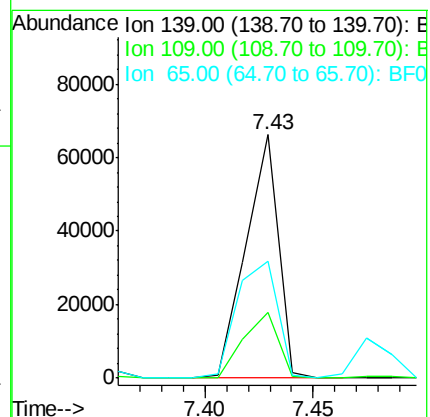
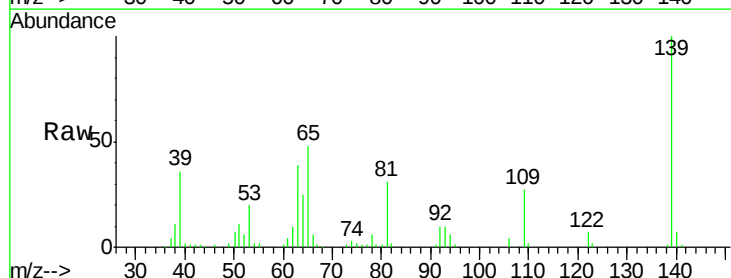
Tgt Ion: 139 Resp: 68404

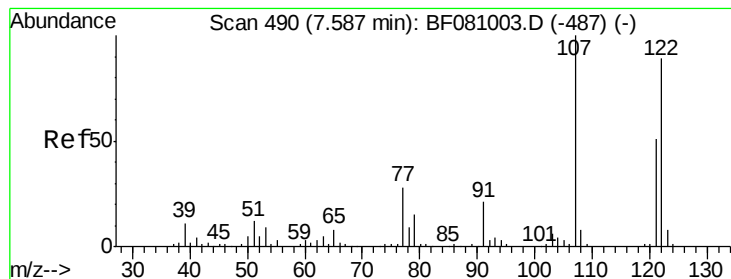
Ion Ratio Lower Upper

139 100

109 27.1 32.1 48.1#

65 48.2 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 34.12 ng

RT: 7.47 min Scan# 502

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

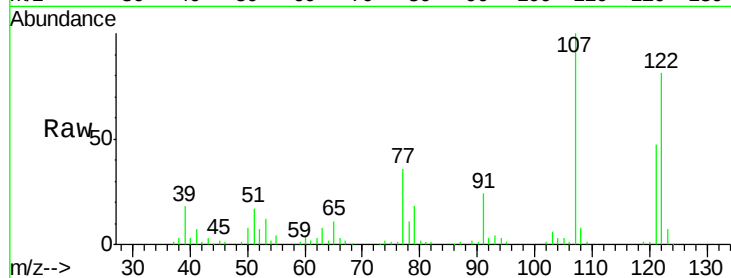
Tot Ion:122 Resp: 110359

Ion Ratio Lower Upper

122 100

107 123.6 103.8 155.6

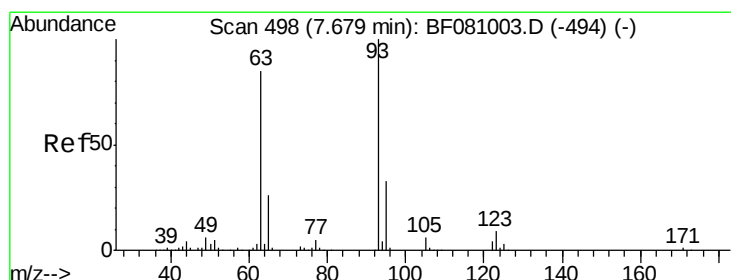
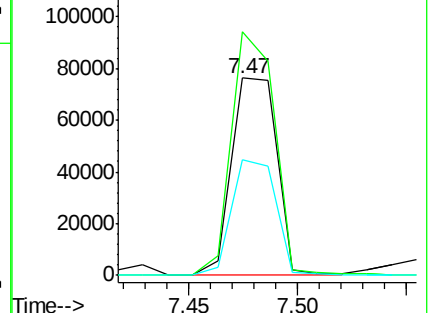
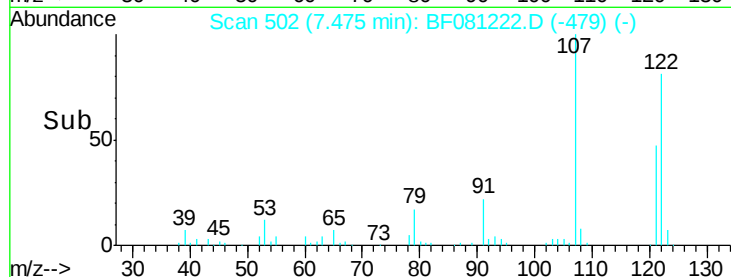
121 58.4 47.0 70.4



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: 37.58 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

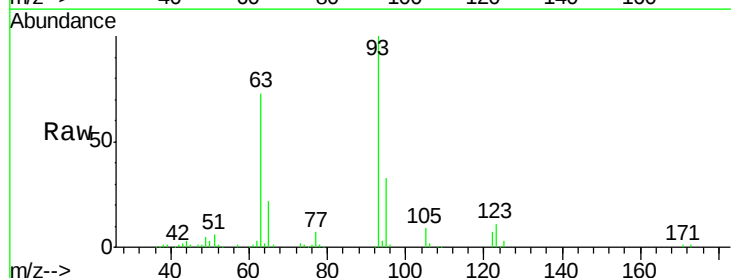
Tgt Ion: 93 Resp: 174113

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

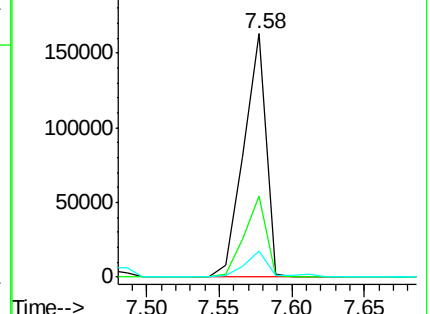
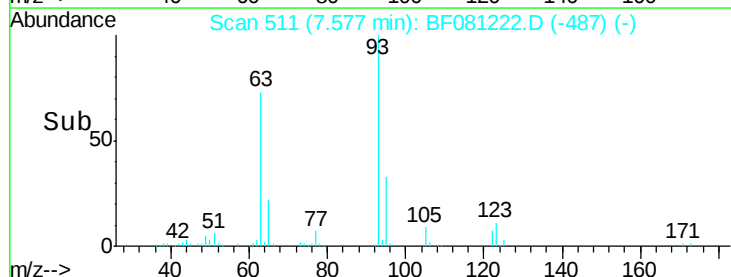
123 10.7 7.4 11.0

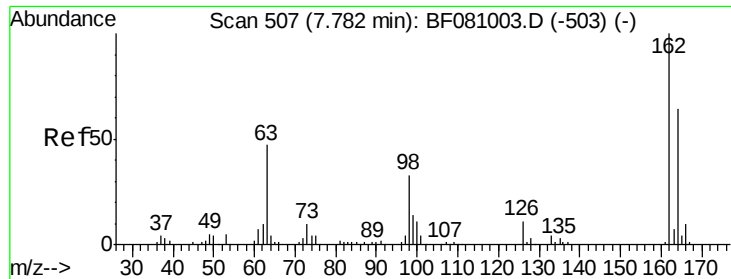


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

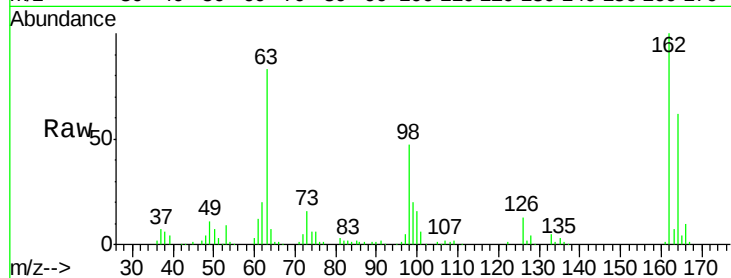




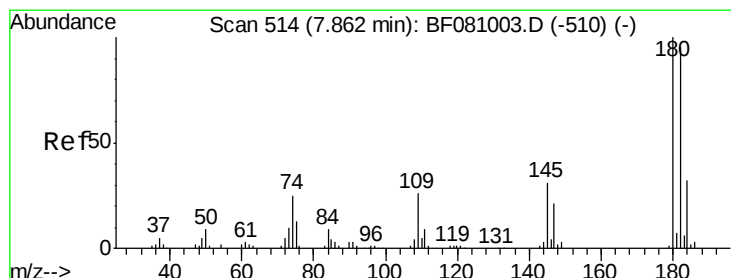
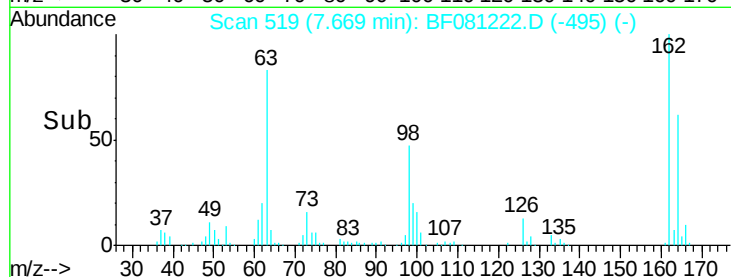
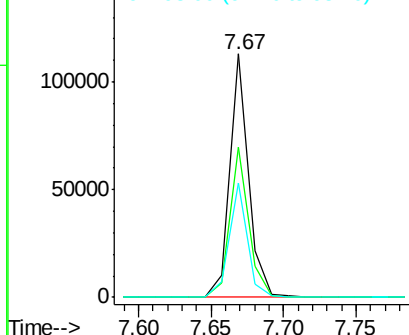
#29
 2,4-Dichlorophenol
 Concen: 37.11 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.2	83.2
98	47.1	12.3	52.3

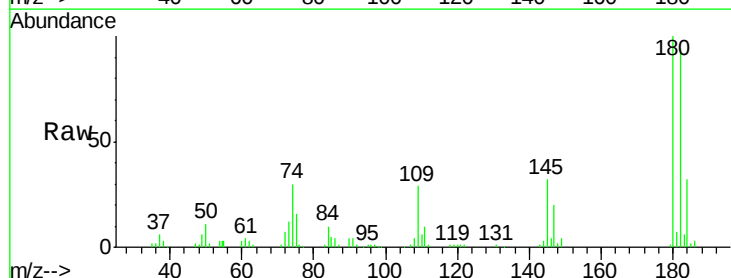


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

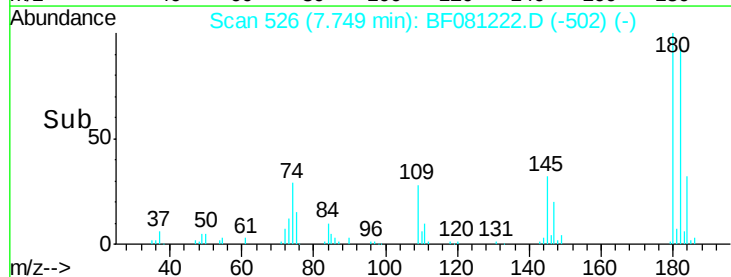
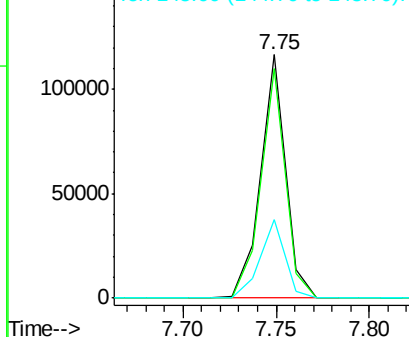


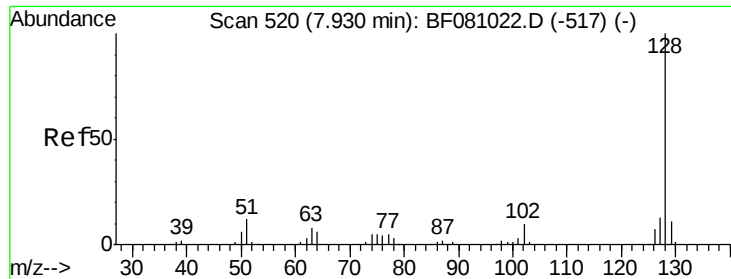
#30
 1,2,4-Trichlorobenzene
 Concen: 35.34 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	32.3	25.4	38.2



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

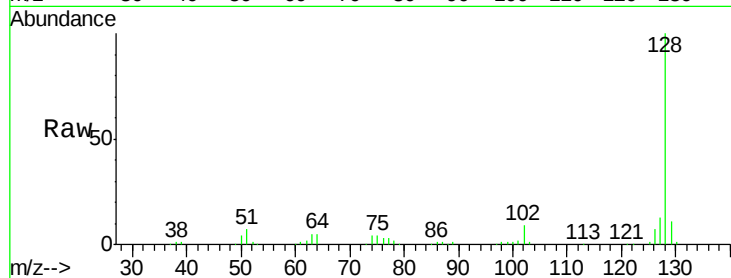




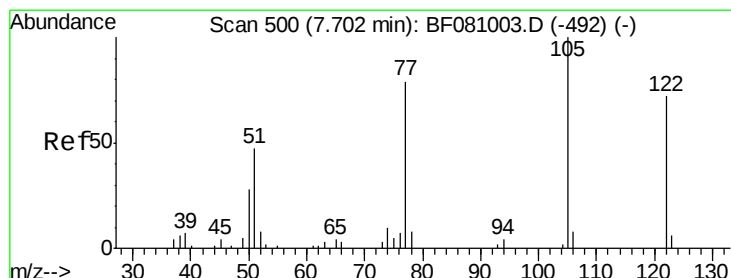
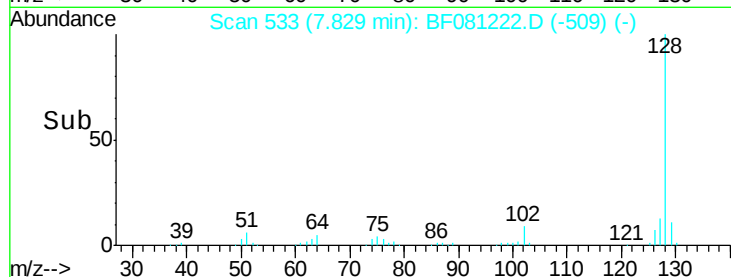
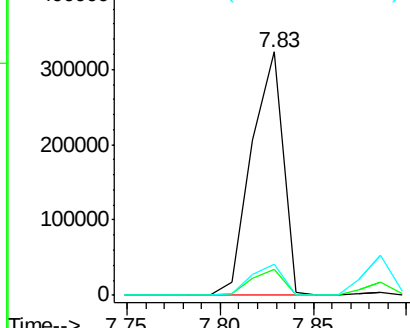
#31
Naphthalene
Concen: 35.34 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 378371
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.0 10.6 16.0

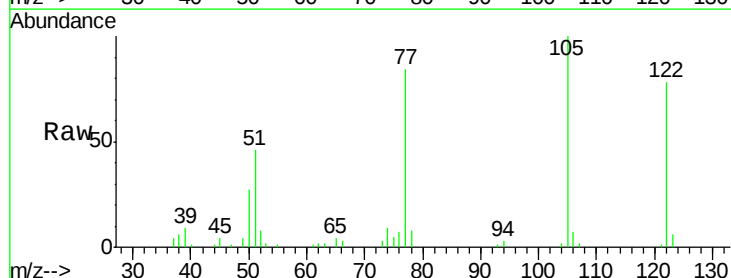


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

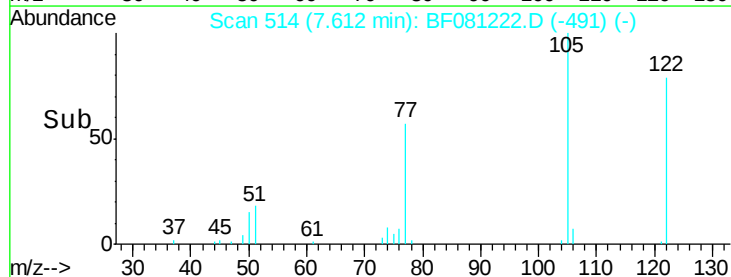
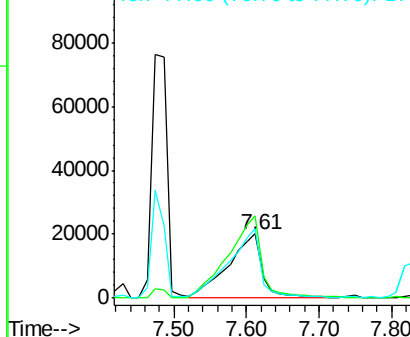


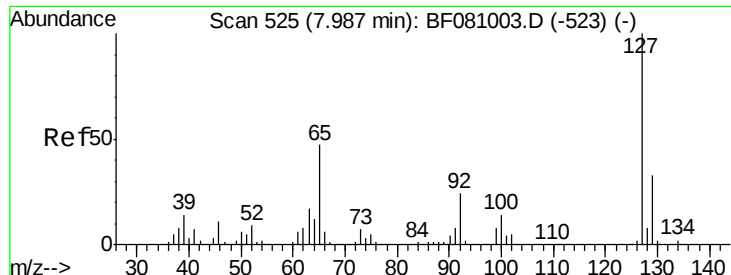
#32
Benzoic acid
Concen: 35.30 ng
RT: 7.61 min Scan# 514
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:122 Resp: 64227
Ion Ratio Lower Upper
122 100
105 128.2 113.8 153.8
77 107.2 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

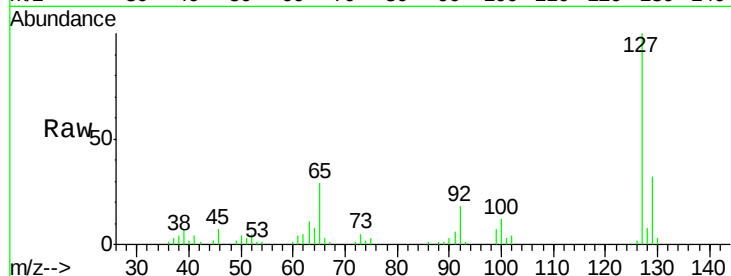




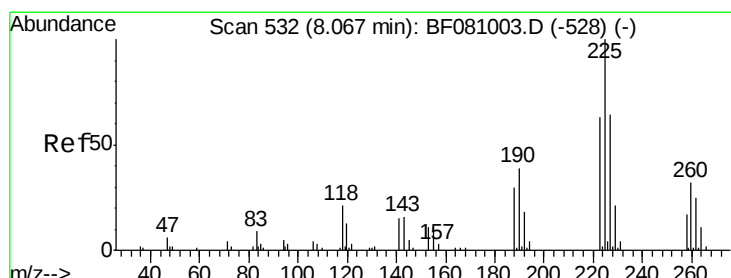
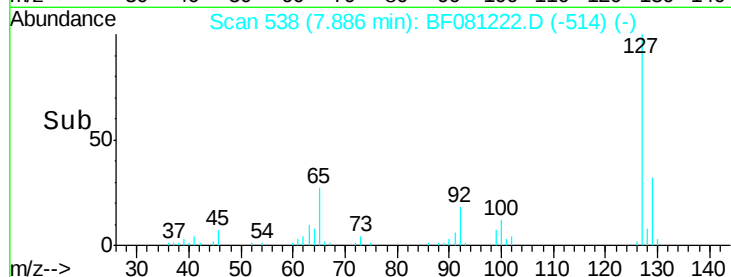
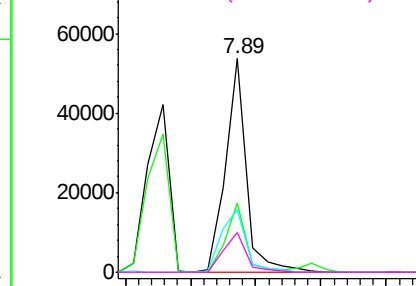
#33
4-Chloroaniline
Concen: 13.29 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	60047
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.2	37.8
65	29.1	37.8	56.6#
92	18.4	19.5	29.3#

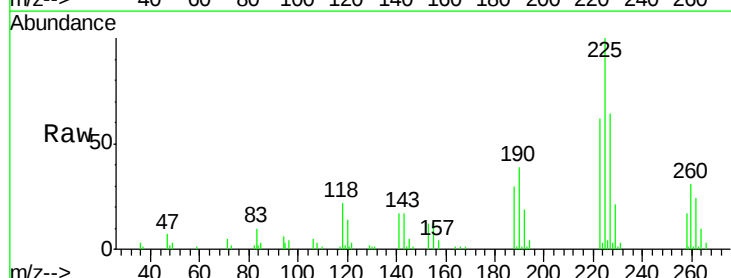


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

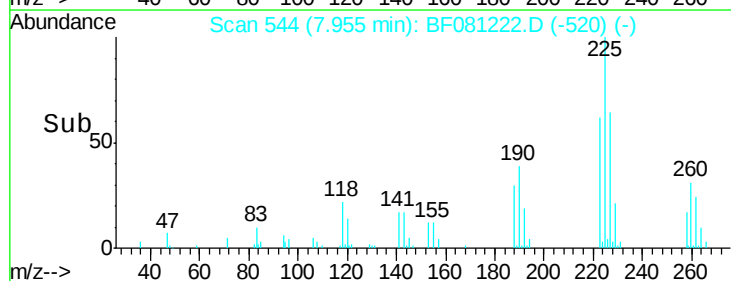
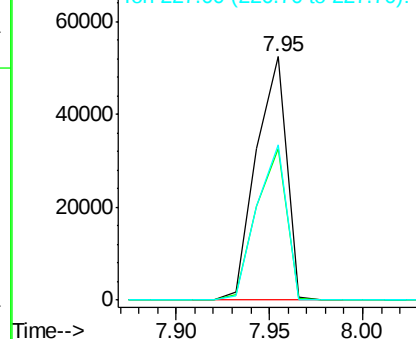


#34
Hexachlorobutadiene
Concen: 34.99 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:	225	Resp:	59885
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	79.0
227	63.8	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

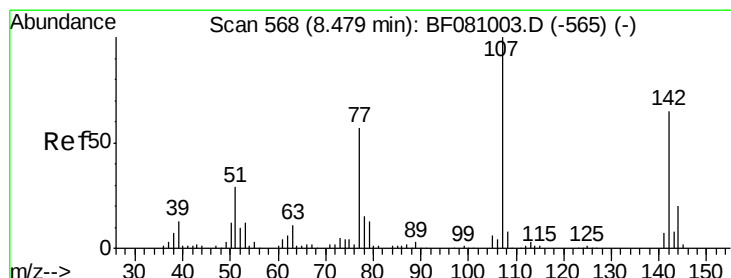
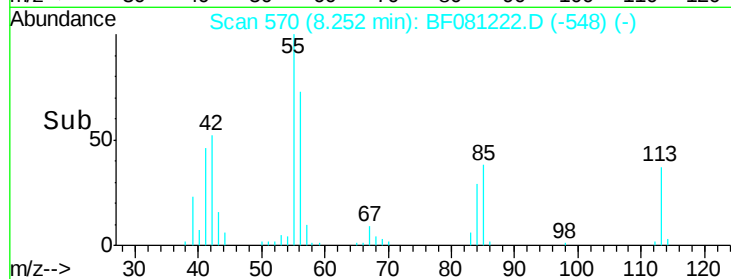
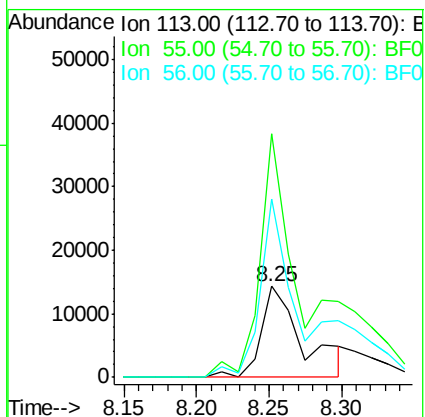
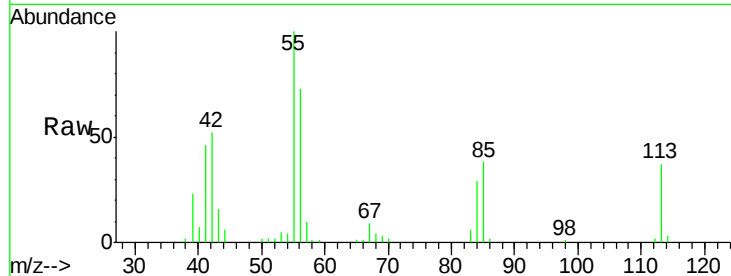




#35
 Caprolactam
 Concen: 29.78 ng
 RT: 8.25 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

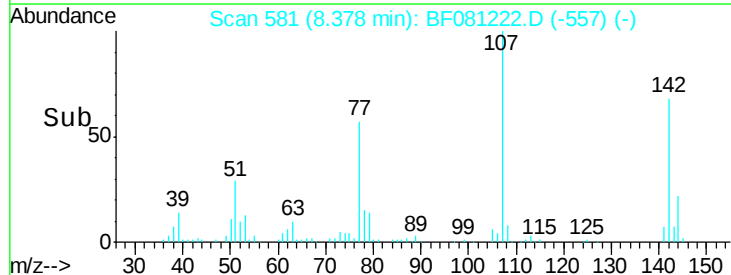
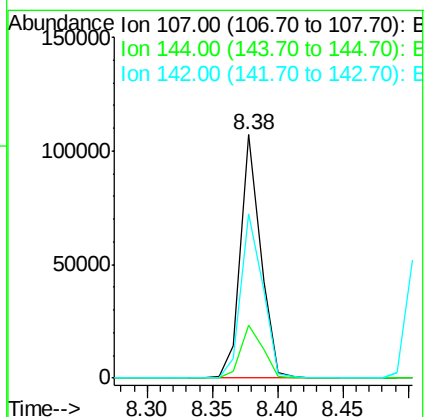
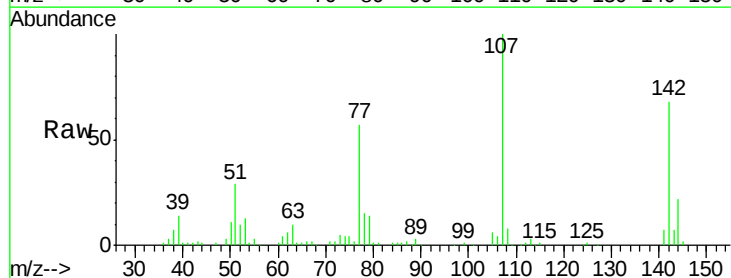
Instrument :
 BNA_F
 ClientSampled :

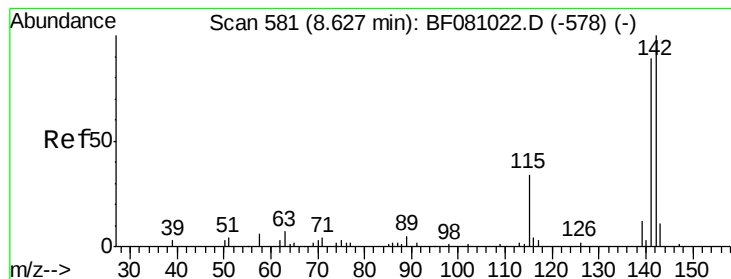
Tot Ion:113 Resp: 28349
 Ion Ratio Lower Upper
 113 100
 55 267.5 280.4 320.4#
 56 195.6 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 35.43 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:107 Resp: 115004
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.2 25.8
 142 67.6 54.9 82.3

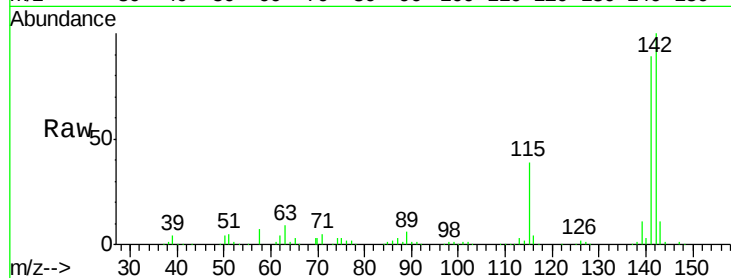




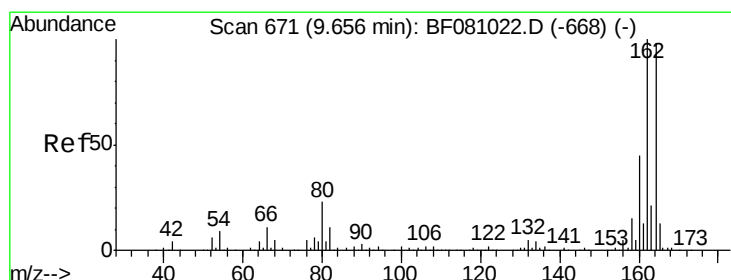
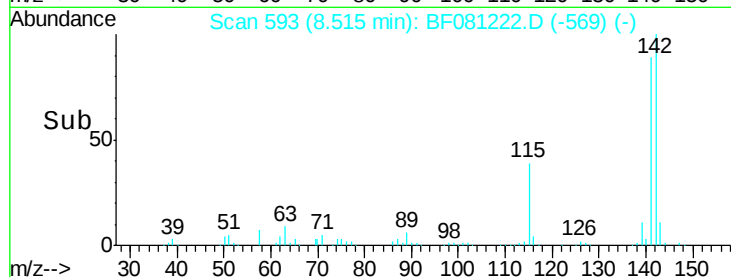
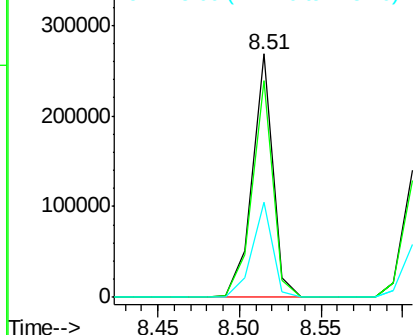
#37
2-Methylnaphthalene
Concen: 34.93 ng
RT: 8.51 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 236248
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 39.1 33.4 50.0

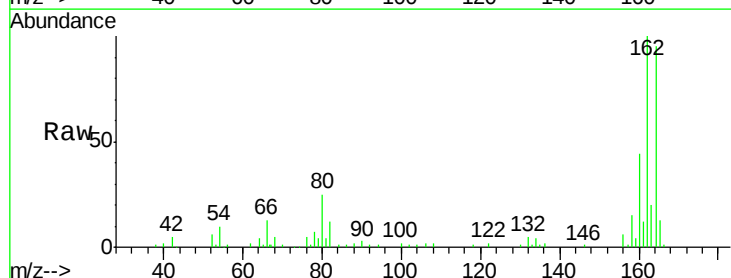


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

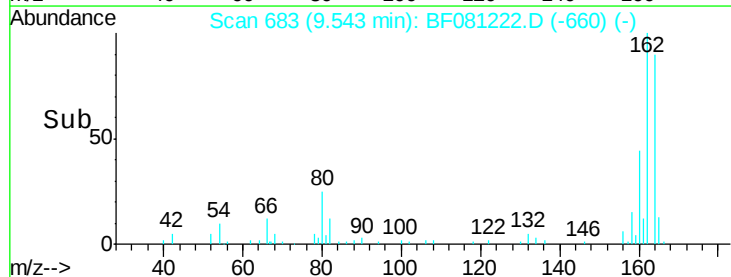
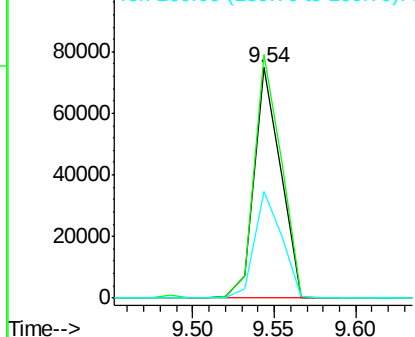


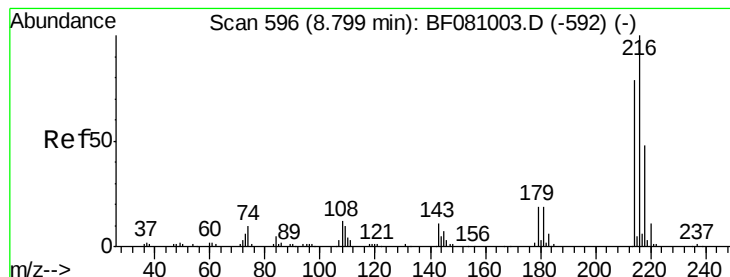
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:164 Resp: 84027
Ion Ratio Lower Upper
164 100
162 105.8 83.8 125.8
160 46.2 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: 36.75 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 99634

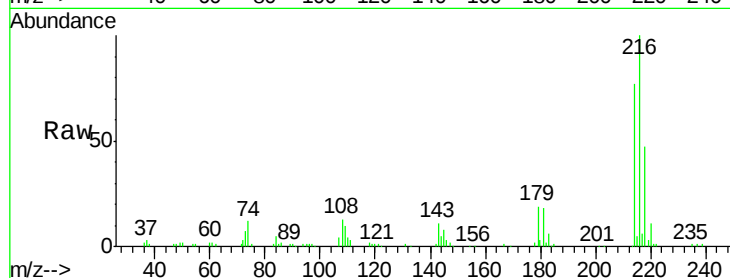
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.8

179 21.4 17.8 26.8

108 22.4 16.2 24.2

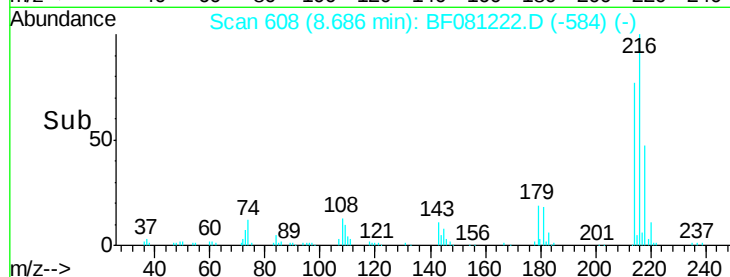


Abundance Ion 216.00 (215.70 to 216.70): E

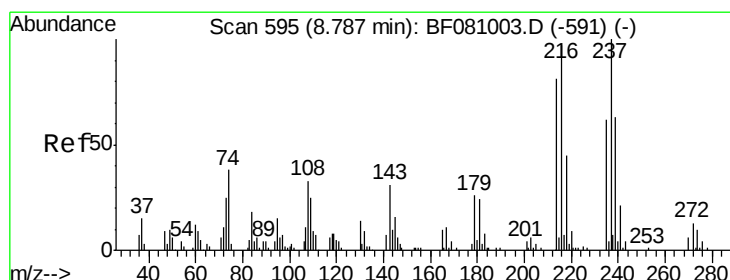
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 75.87 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

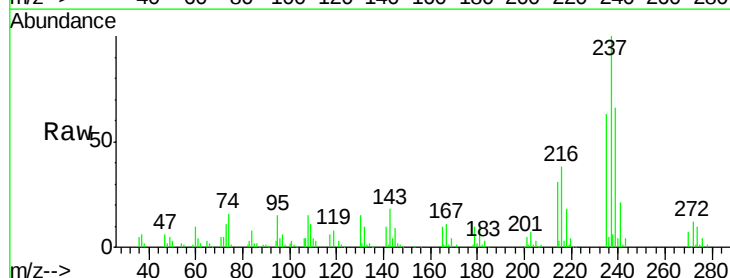
Tgt Ion:237 Resp: 106456

Ion Ratio Lower Upper

237 100

235 63.5 43.6 83.6

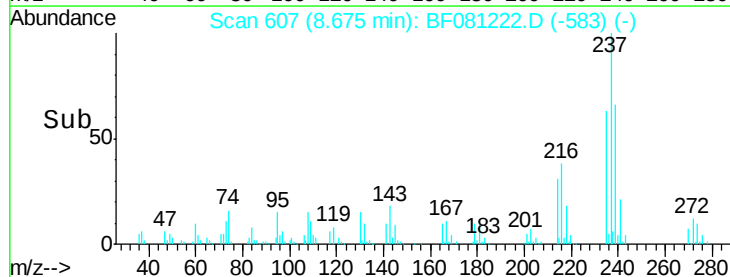
272 12.3 0.0 32.2



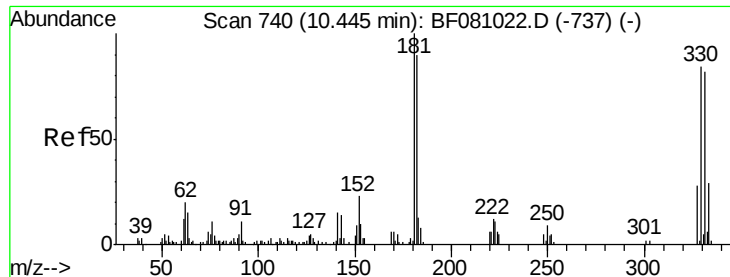
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 80.10 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

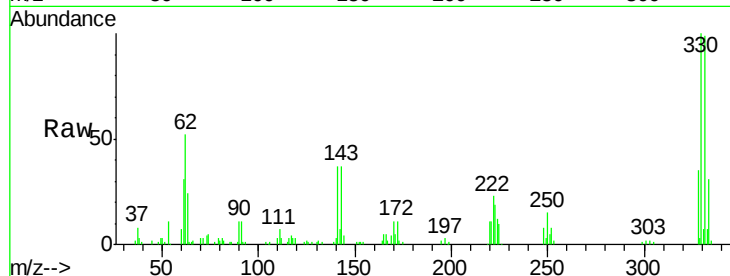
Tot Ion:330 Resp: 58341

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

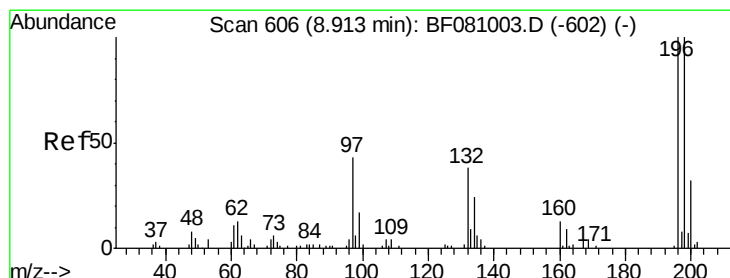
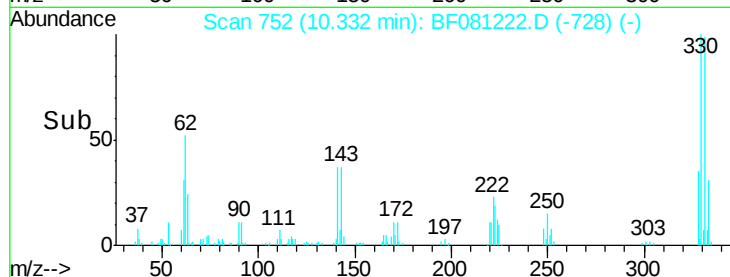
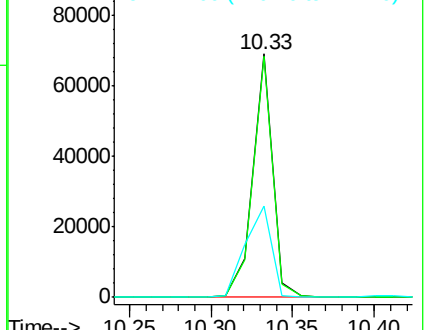
141 49.3 44.9 67.3



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: 37.01 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

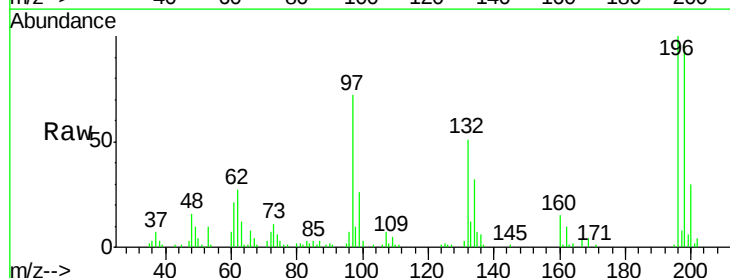
Tgt Ion:196 Resp: 70892

Ion Ratio Lower Upper

196 100

198 95.5 74.6 111.8

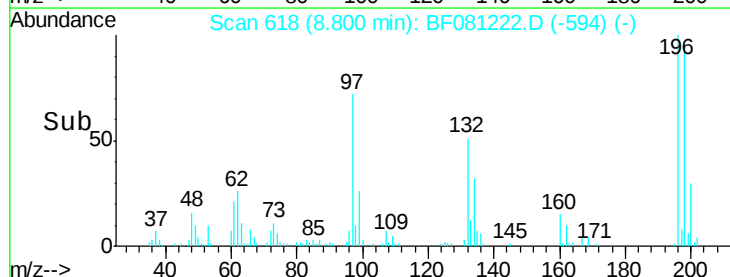
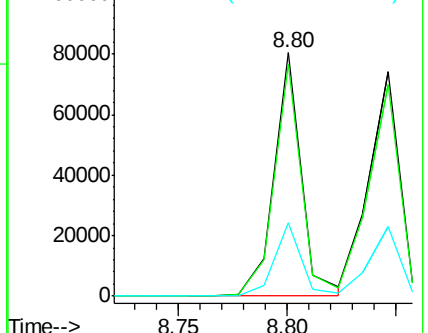
200 30.3 22.7 34.1



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

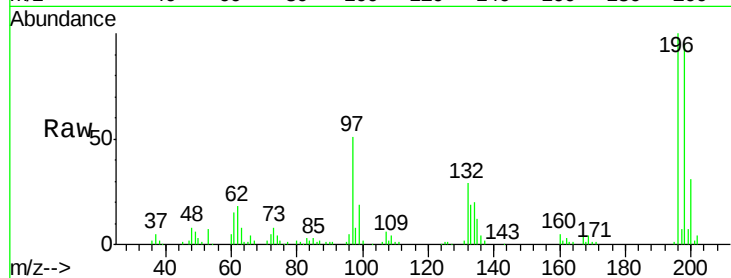




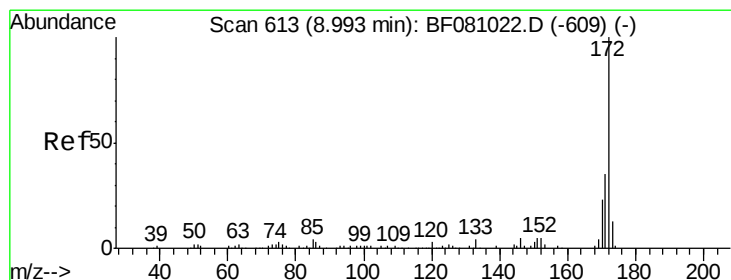
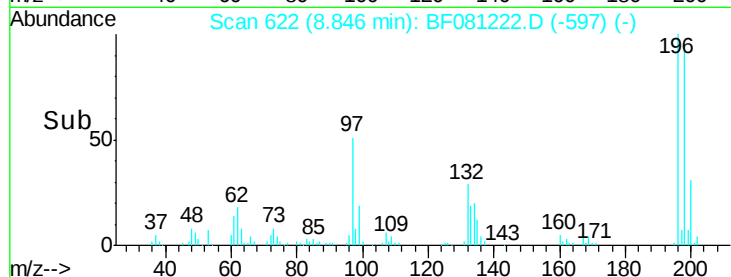
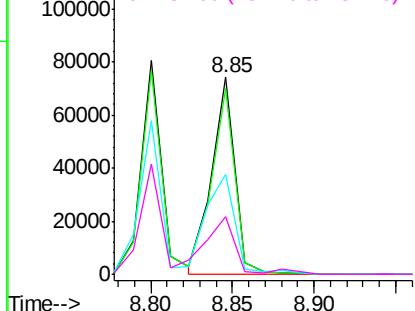
#43
 2,4,5-Trichlorophenol
 Concen: 38.56 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	73815
Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.3	117.5
97	50.6	42.7	64.1
132	29.4	23.3	34.9

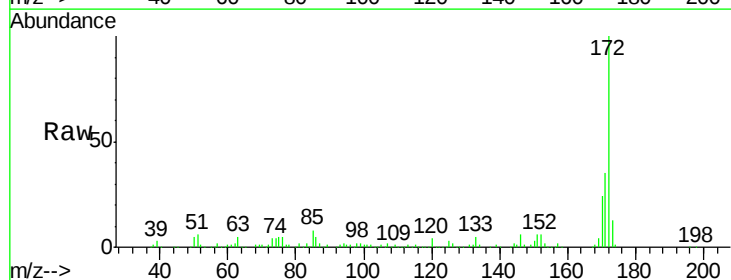


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

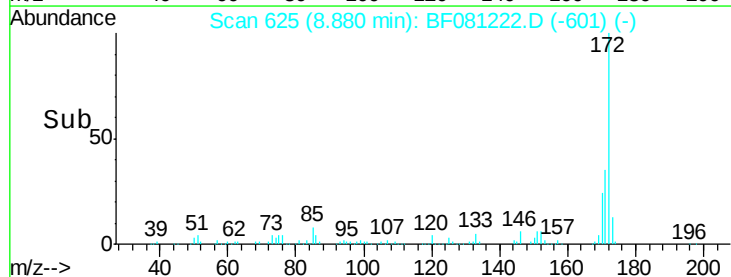
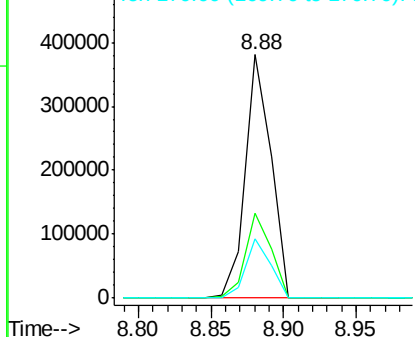


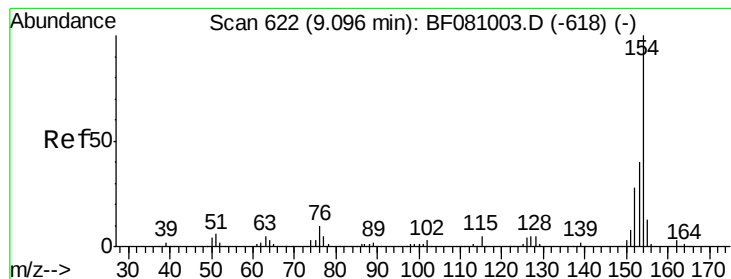
#44
 2-Fluorobiphenyl
 Concen: 72.72 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:	172	Resp:	466331
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	24.1	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: 41.52 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

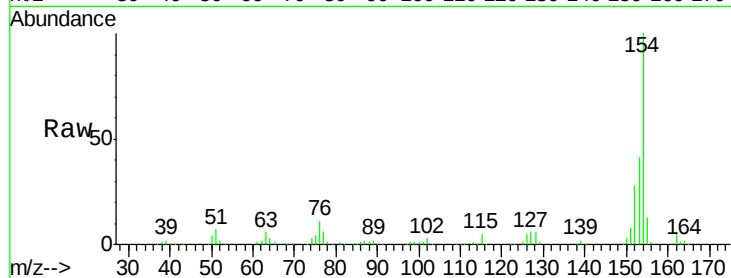
Tot Ion:154 Resp: 307305

Ion Ratio Lower Upper

154 100

153 40.6 19.5 59.5

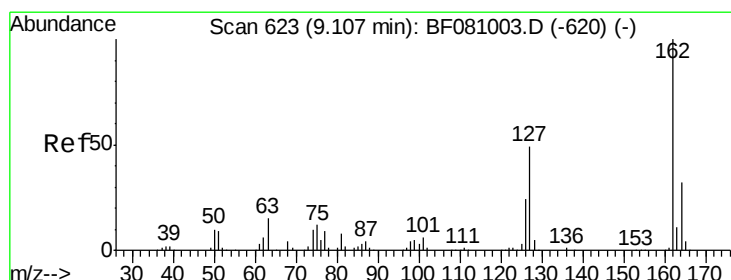
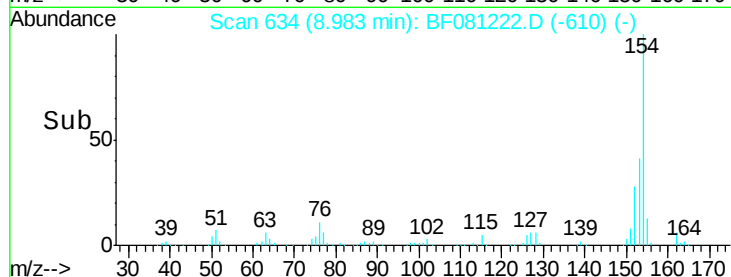
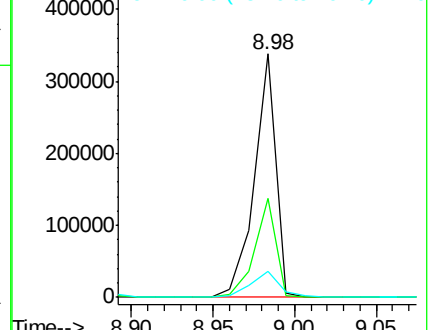
76 10.9 0.0 29.3



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: 35.00 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

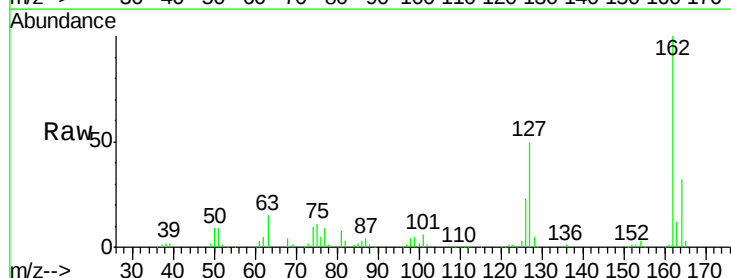
Tgt Ion:162 Resp: 208096

Ion Ratio Lower Upper

162 100

127 49.8 31.3 46.9#

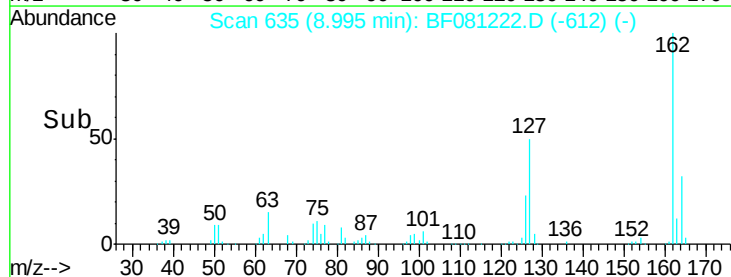
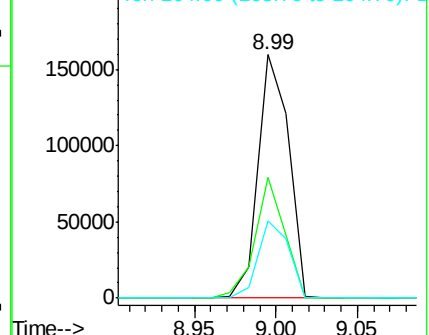
164 31.7 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

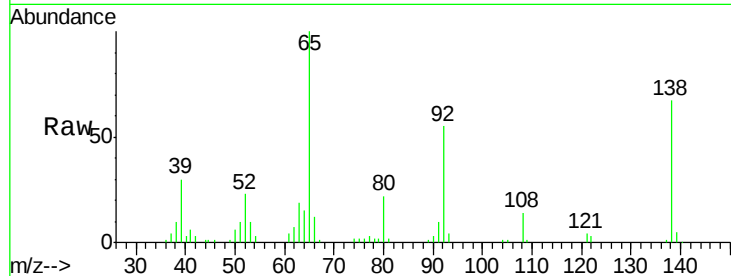




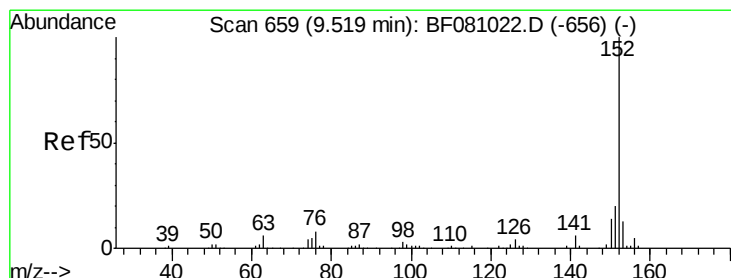
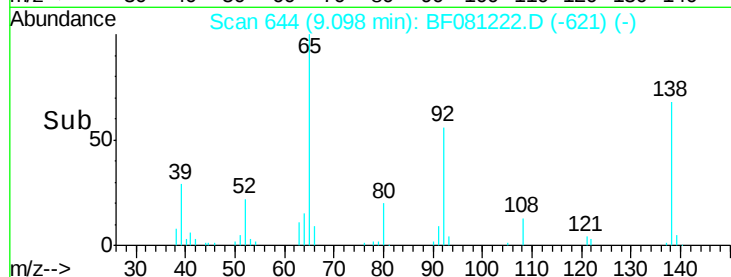
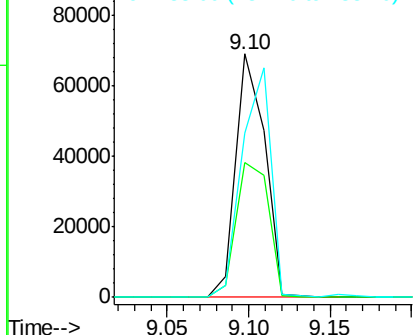
#47
 2-Nitroaniline
 Concen: 34.88 ng
 RT: 9.10 min Scan# 644
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 84881
 Ion Ratio Lower Upper
 65 100
 92 55.4 45.6 68.4
 138 67.5 57.9 86.9

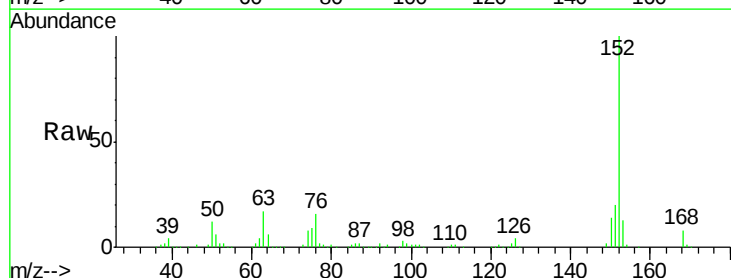


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

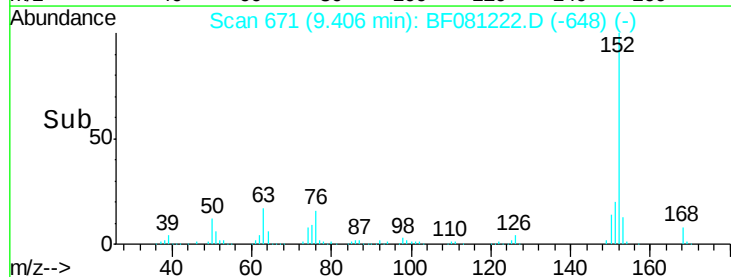
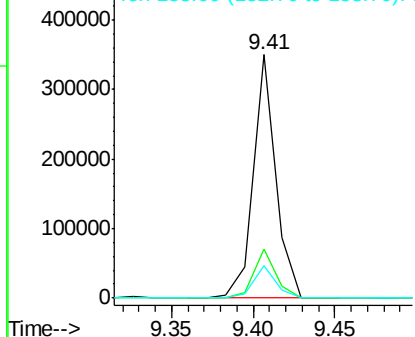


#48
 Acenaphthylene
 Concen: 31.48 ng
 RT: 9.41 min Scan# 671
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion: 152 Resp: 334804
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.1 24.1
 153 13.4 9.8 14.6



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

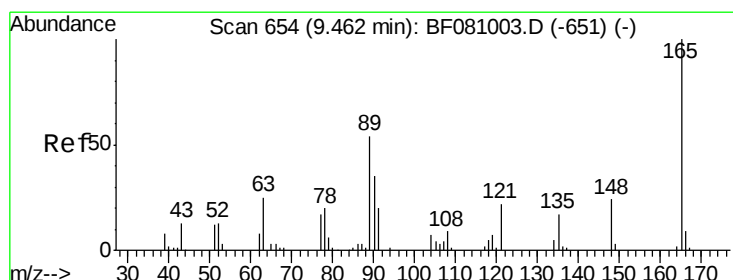
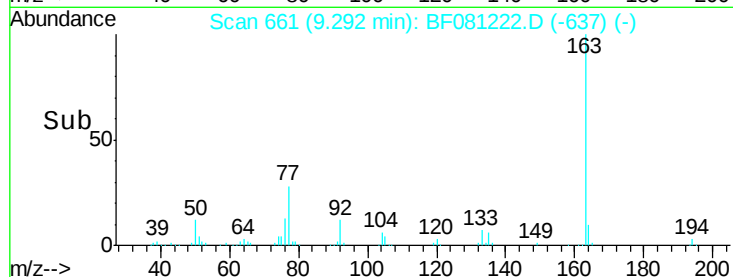
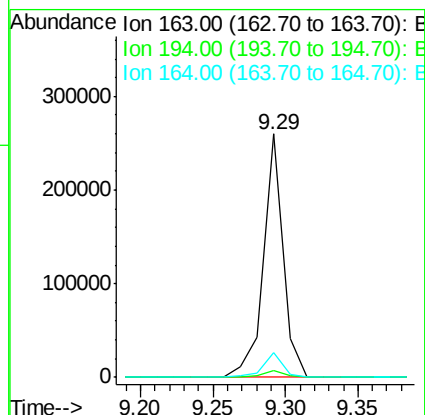
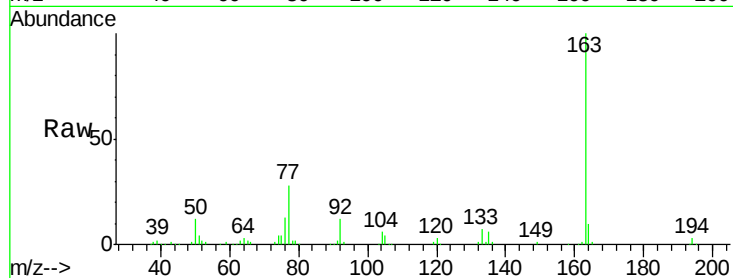




#49
Dimethylphthalate
Concen: 35.27 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

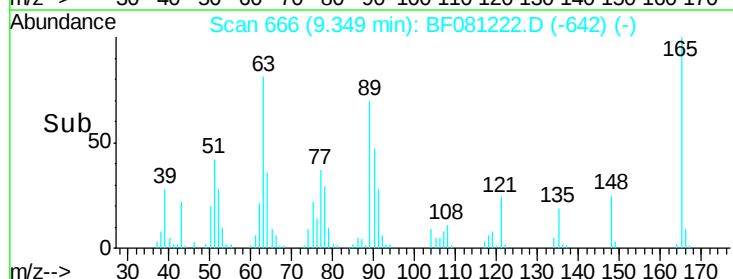
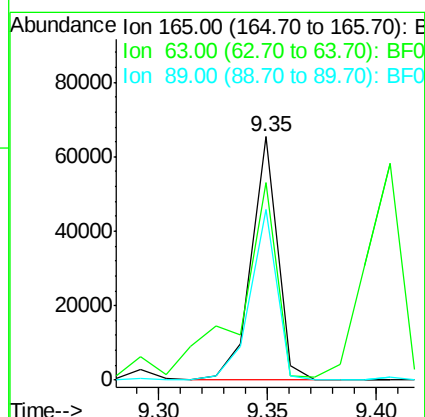
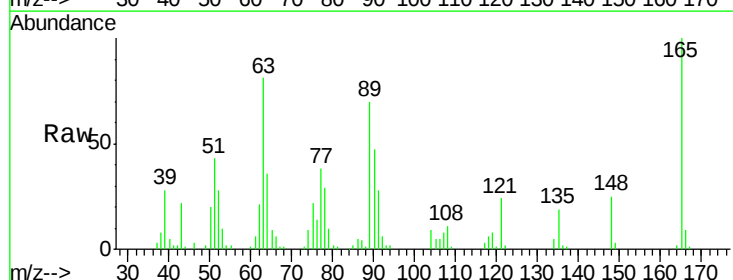
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 244040
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.2 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 37.05 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:165 Resp: 55040
Ion Ratio Lower Upper
165 100
63 81.2 49.5 74.3#
89 70.1 47.6 71.4





#51

Acenaphthene

Concen: 31.87 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

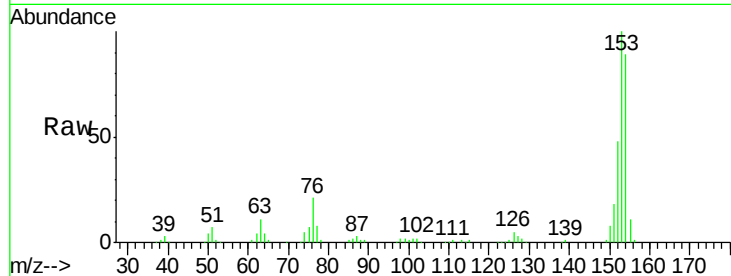
Tot Ion:154 Resp: 202940

Ion Ratio Lower Upper

154 100

153 111.9 91.4 137.2

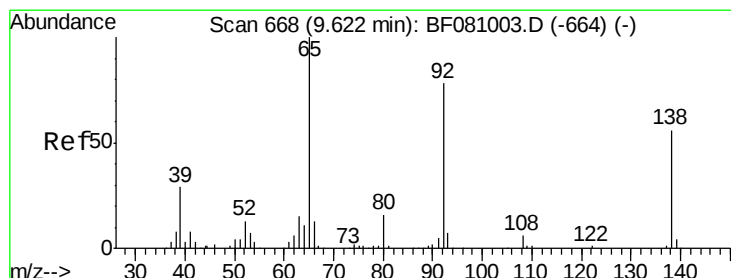
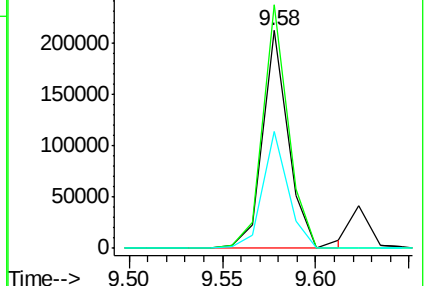
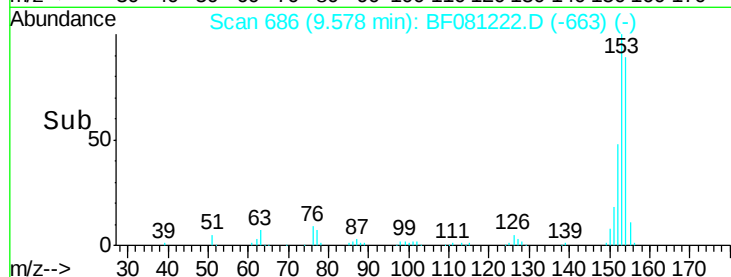
152 53.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.81 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

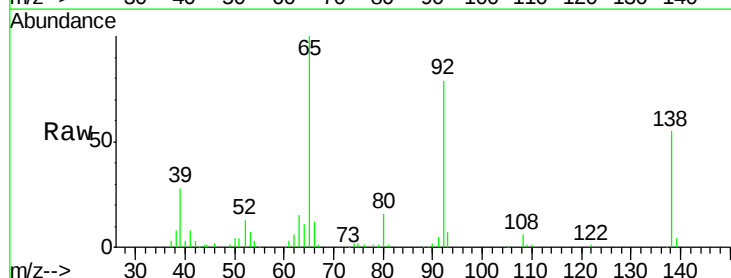
Tgt Ion:138 Resp: 38691

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

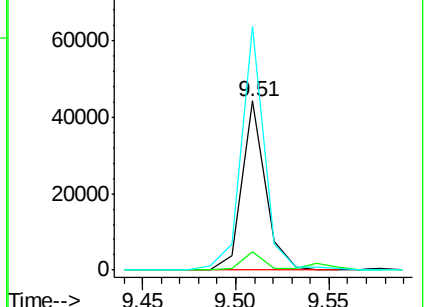
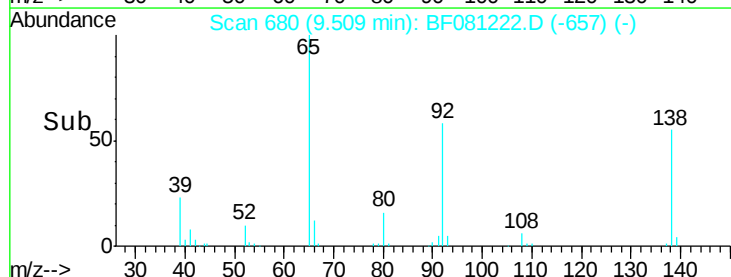
92 144.0 113.2 169.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

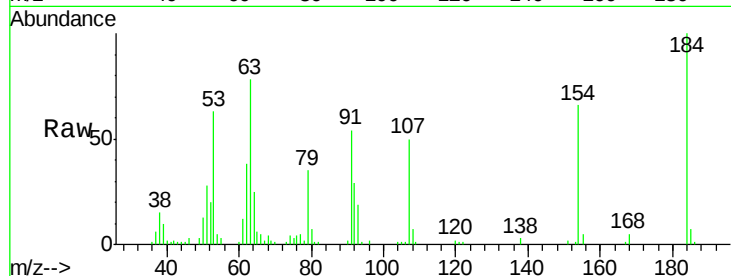




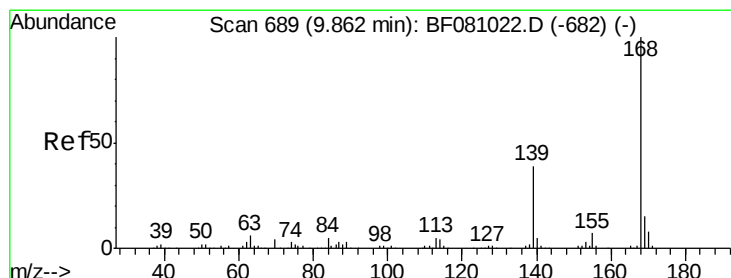
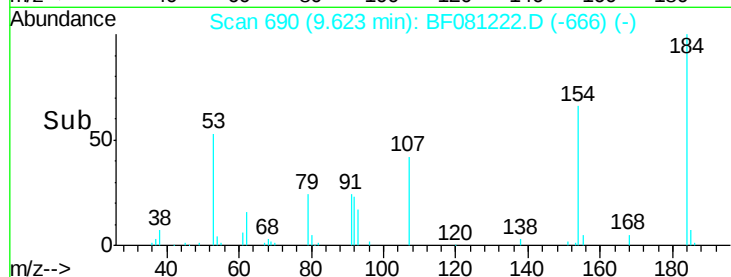
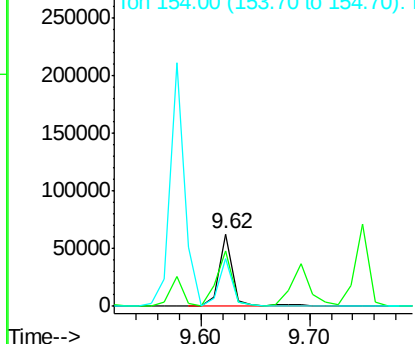
#53
2,4-Dinitrophenol
Concen: 70.10 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 56452
Ion Ratio Lower Upper
184 100
63 77.7 101.7 152.5#
154 65.9 67.4 101.0#

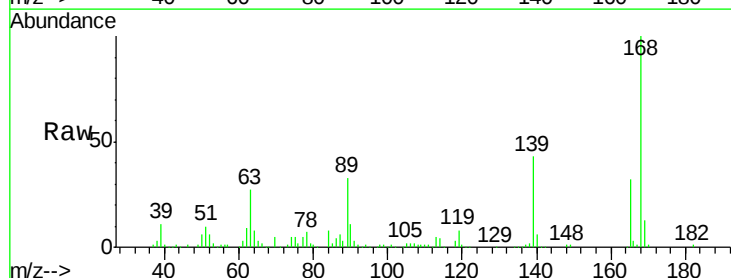


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

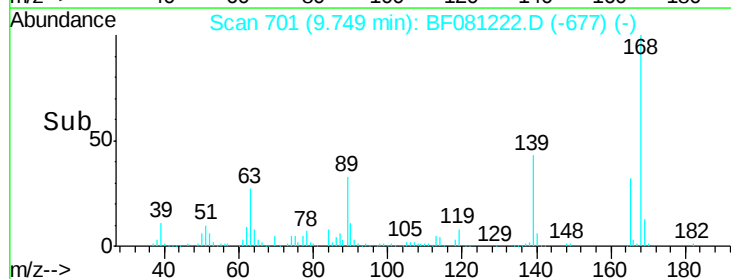
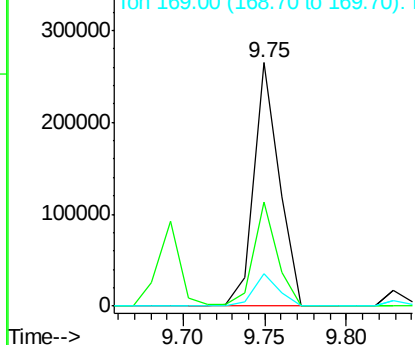


#54
Dibenzofuran
Concen: 33.60 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:168 Resp: 286747
Ion Ratio Lower Upper
168 100
139 42.6 29.3 43.9
169 13.5 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

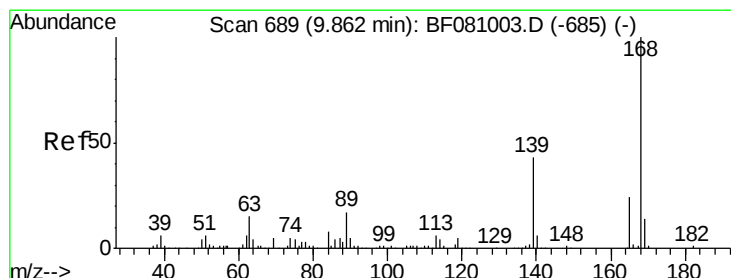
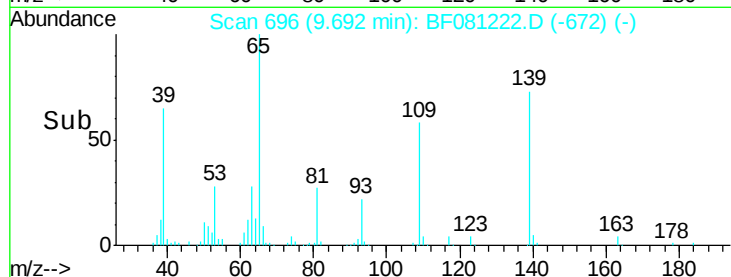
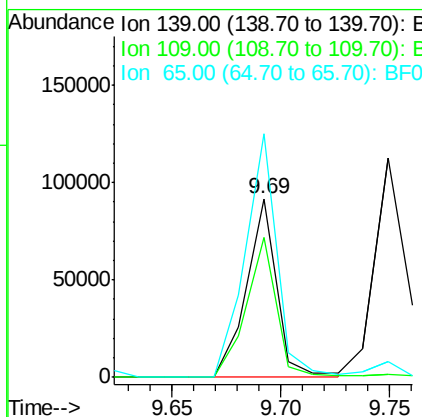
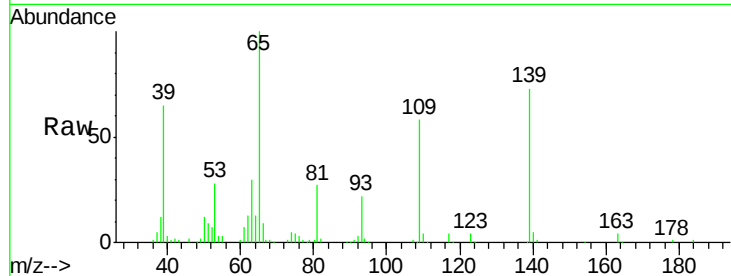




#55
4-Nitrophenol
Concen: 68.57 ng
RT: 9.69 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

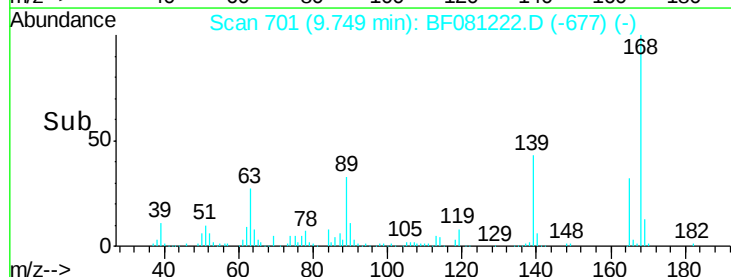
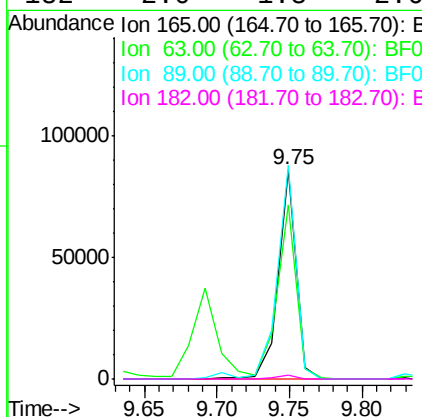
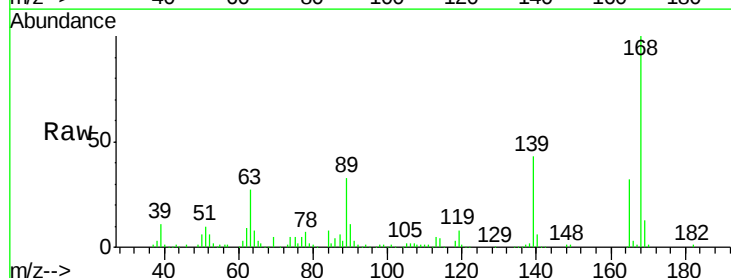
Instrument :
BNA_F
ClientSampleId :

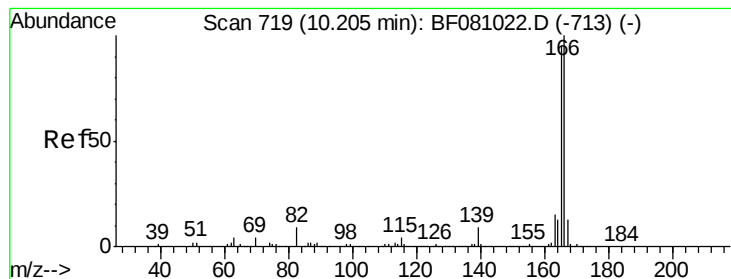
Tot Ion:139 Resp: 89540
Ion Ratio Lower Upper
139 100
109 78.6 80.0 120.0#
65 136.4 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 37.34 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:165 Resp: 73535
Ion Ratio Lower Upper
165 100
63 83.3 52.2 78.4#
89 102.2 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 38.09 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

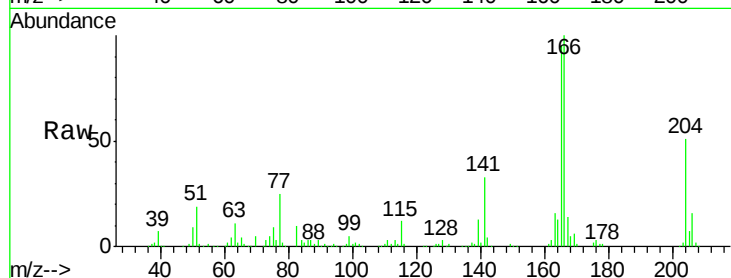
Tot Ion:166 Resp: 250052

Ion Ratio Lower Upper

166 100

165 95.3 75.8 113.8

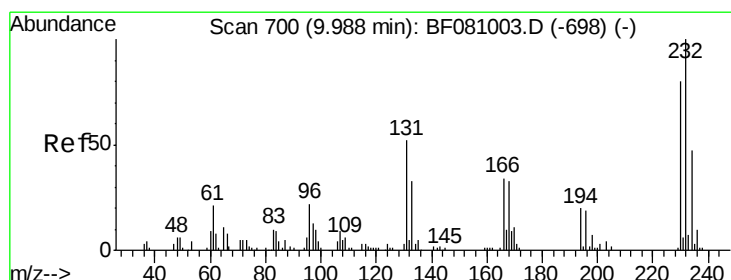
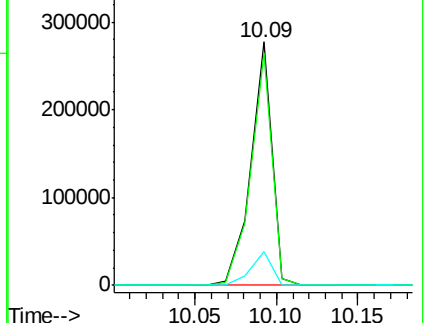
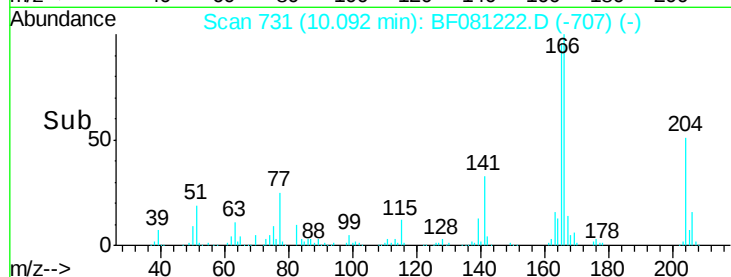
167 13.8 11.3 16.9



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: 36.29 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Tgt Ion:232 Resp: 53768

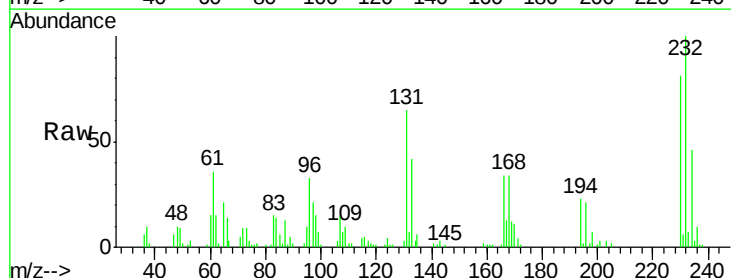
Ion Ratio Lower Upper

232 100

131 52.2 42.2 63.4

130 2.6 2.1 3.1

166 28.5 22.4 33.6

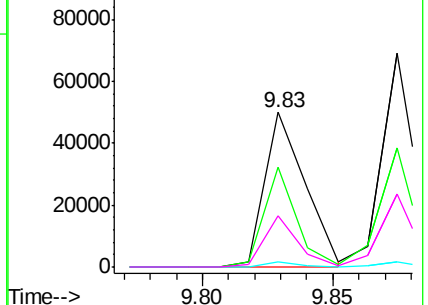
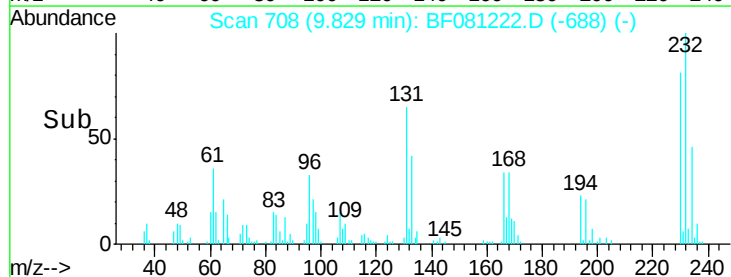


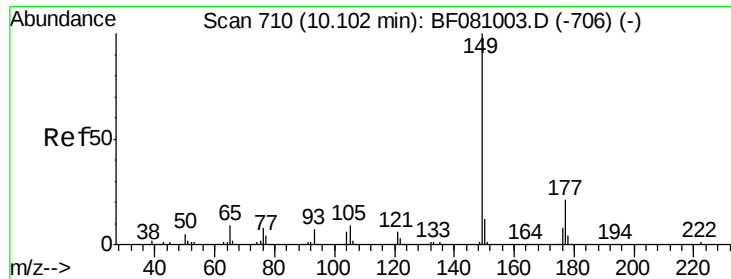
Abundance Ion 232.00 (231.70 to 232.70): E

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

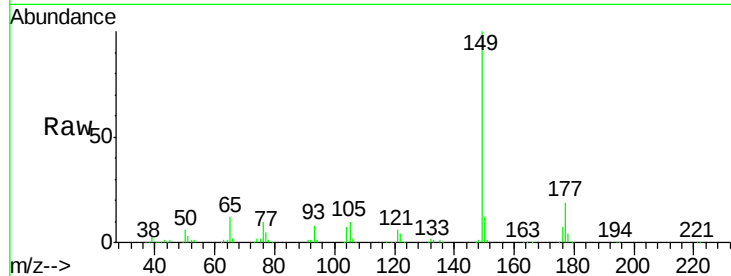




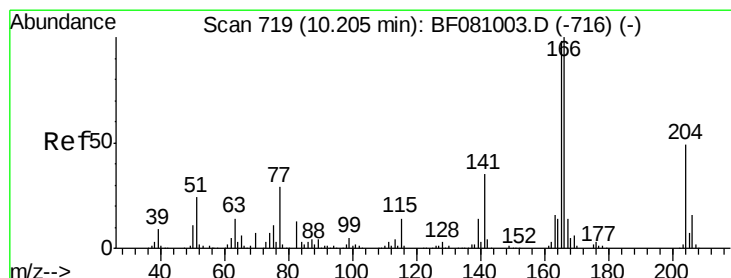
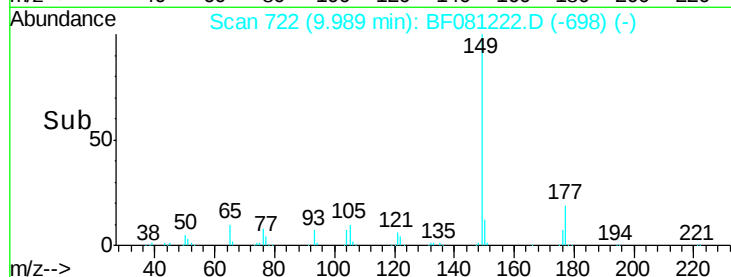
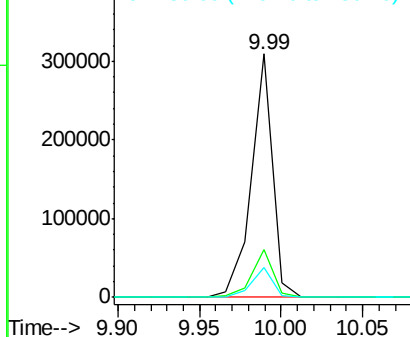
#59
Diethylphthalate
Concen: 37.96 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 278056
Ion Ratio Lower Upper
149 100
177 19.4 14.1 21.1
150 12.1 10.3 15.5

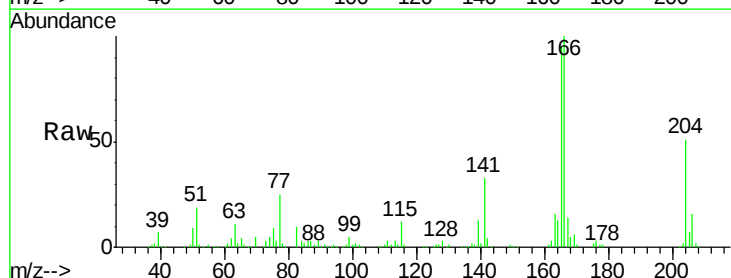


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

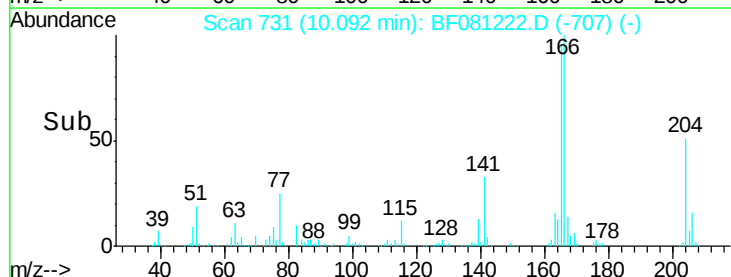
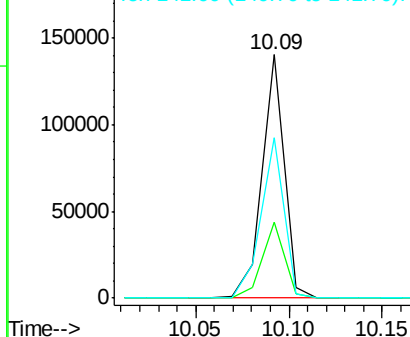


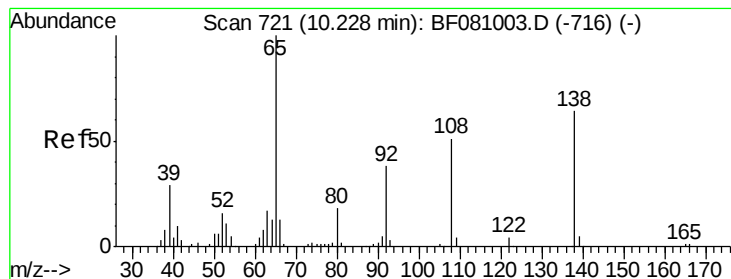
#60
4-Chlorophenyl-phenylether
Concen: 41.24 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:204 Resp: 114561
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 65.8 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: 37.39 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

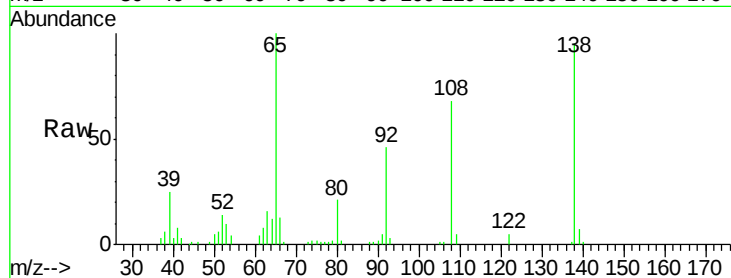
Tot Ion:138 Resp: 71059

Ion Ratio Lower Upper

138 100

92 48.7 34.7 74.7

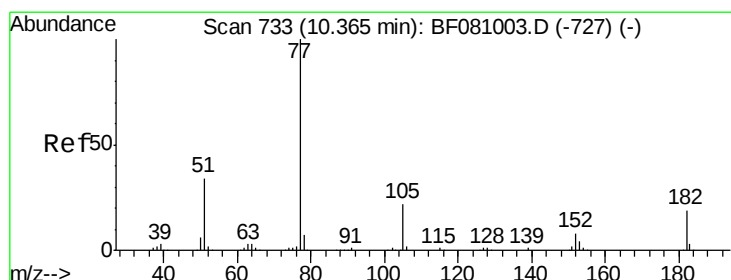
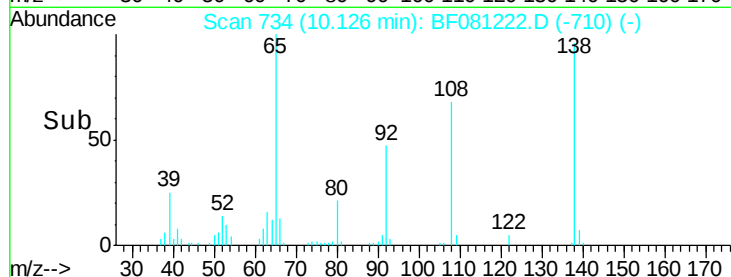
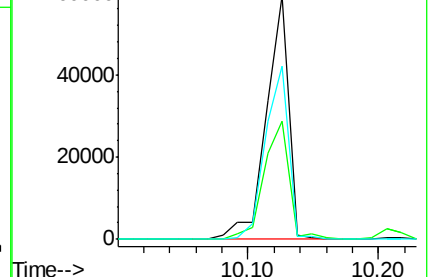
108 71.4 68.9 108.9



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: 39.52 ng

RT: 10.25 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Tgt Ion: 77 Resp: 333558

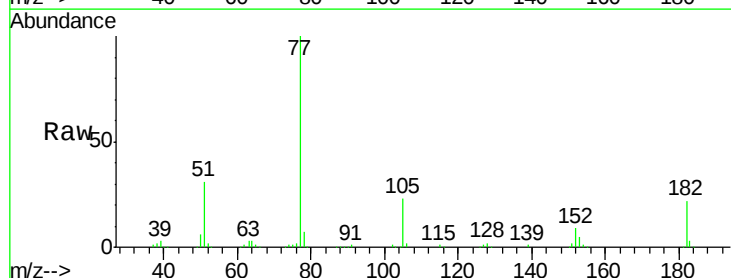
Ion Ratio Lower Upper

77 100

182 22.5 0.0 39.0

105 22.8 0.2 40.2

51 31.2 18.0 58.0

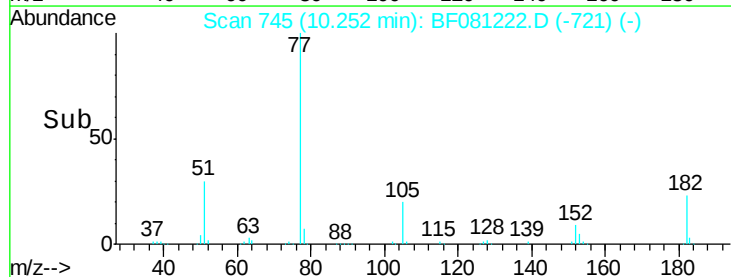
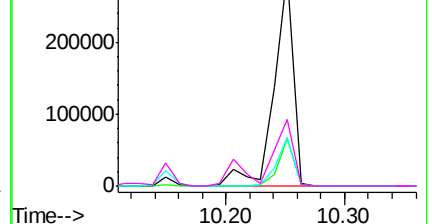


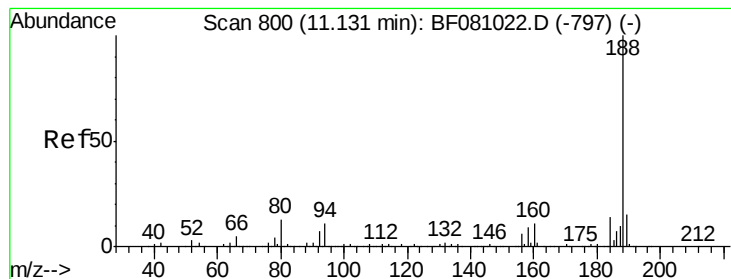
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

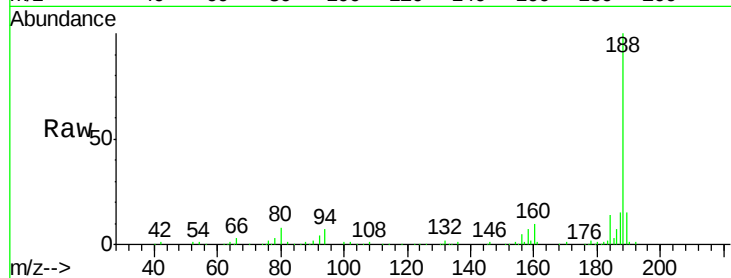
Tot Ion:188 Resp: 174209

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

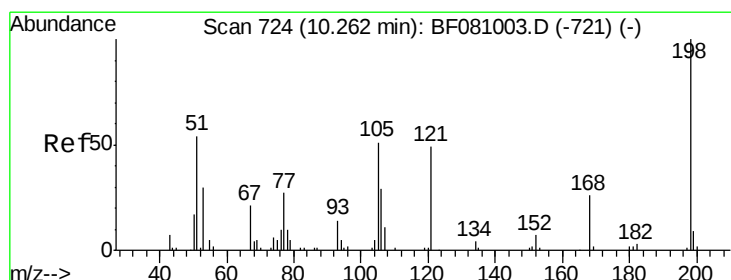
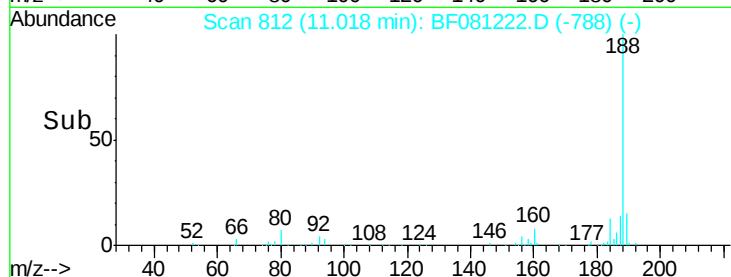
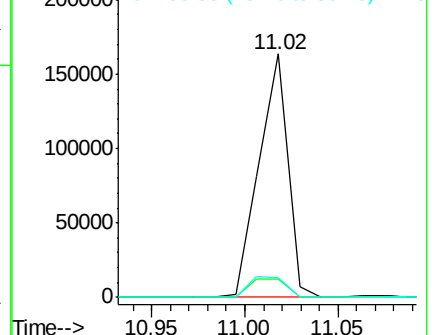
80 8.1 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.62 ng

RT: 10.15 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

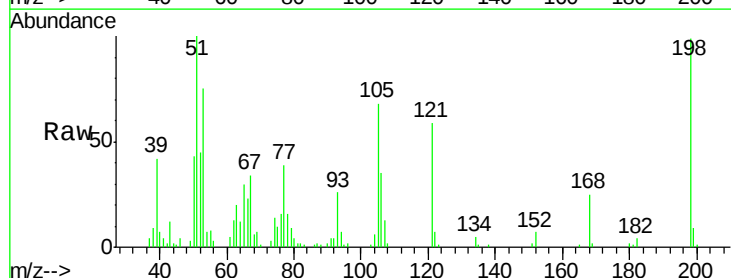
Tgt Ion:198 Resp: 33932

Ion Ratio Lower Upper

198 100

51 101.2 79.7 119.7

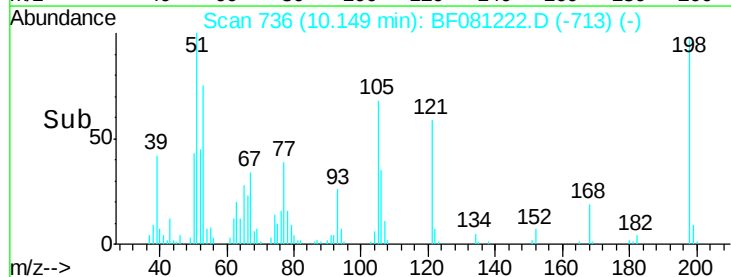
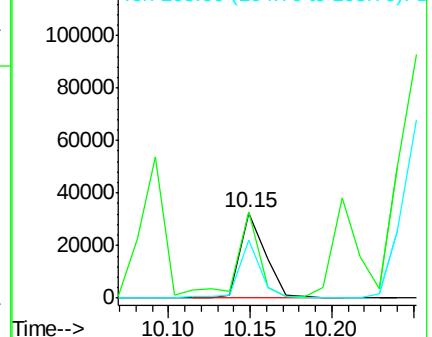
105 68.9 47.0 87.0

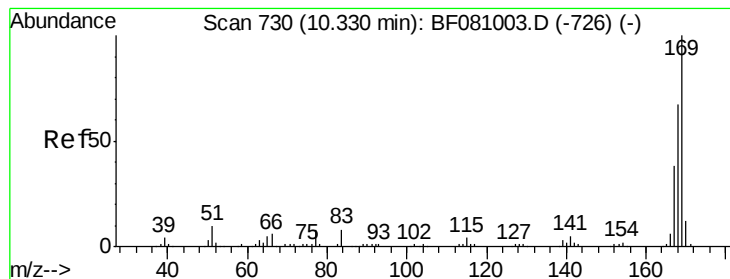


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.72 ng

RT: 10.22 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

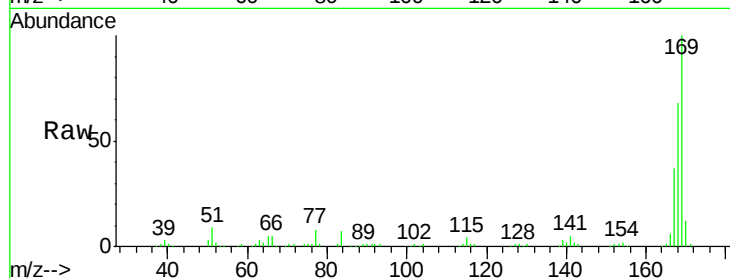
Tot Ion:169 Resp: 222121

Ion Ratio Lower Upper

169 100

168 68.4 55.3 82.9

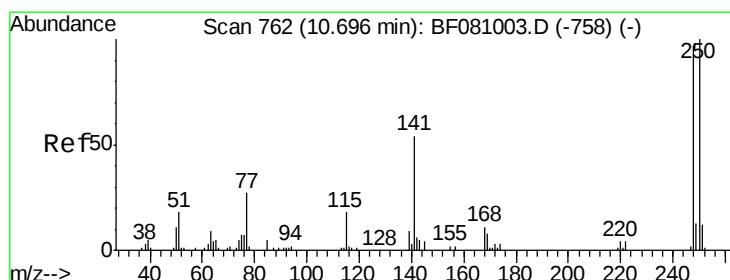
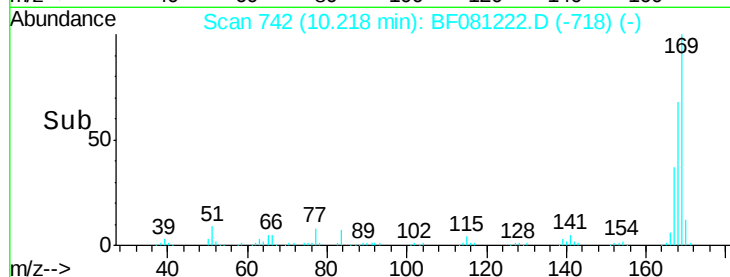
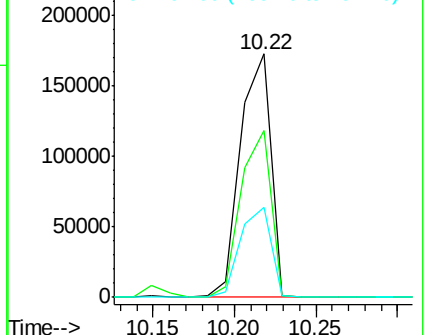
167 36.8 30.8 46.2



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: 33.13 ng

RT: 10.57 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

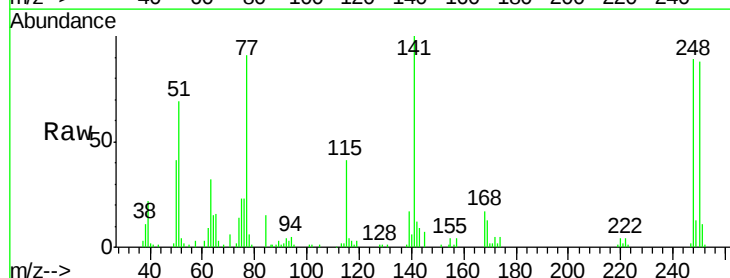
Tgt Ion:248 Resp: 56705

Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.6

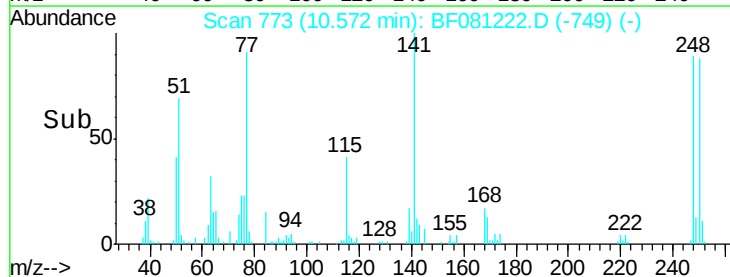
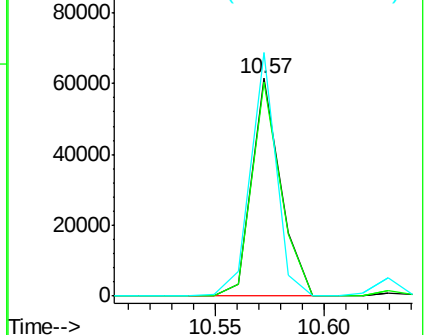
141 111.9 39.8 59.6#

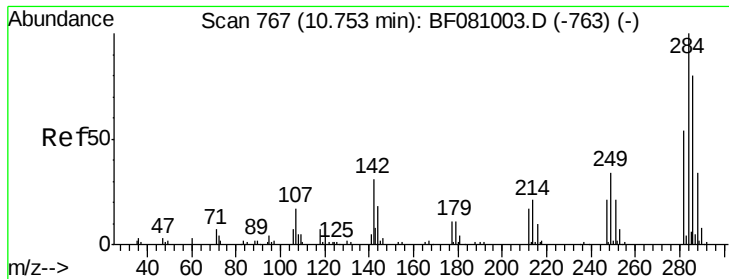


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

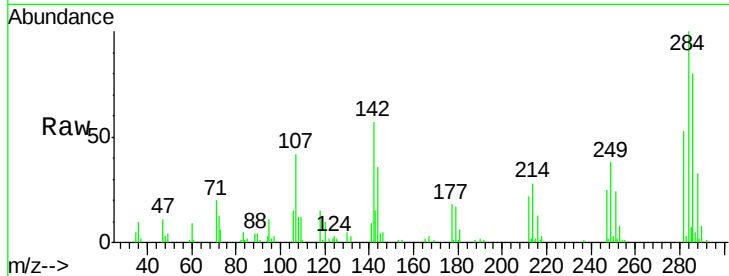




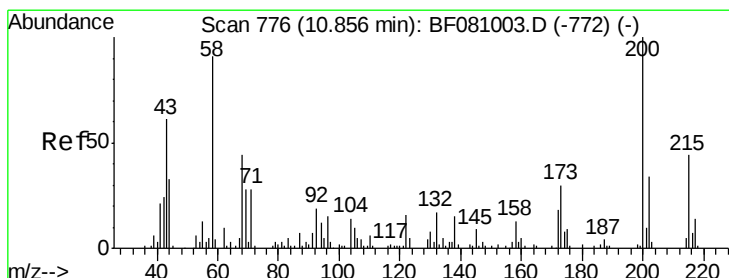
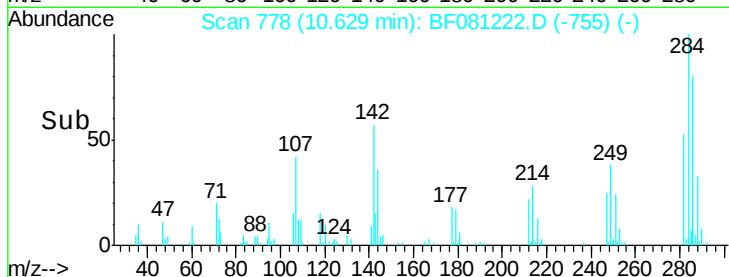
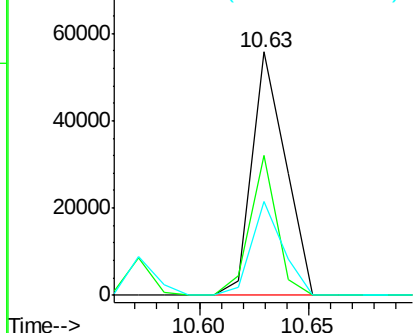
#67
Hexachlorobenzene
Concen: 34.52 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 59831
Ion Ratio Lower Upper
284 100
142 57.4 25.4 38.0#
249 38.3 28.5 42.7

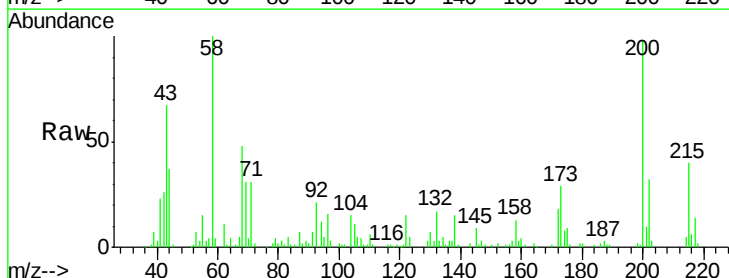


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

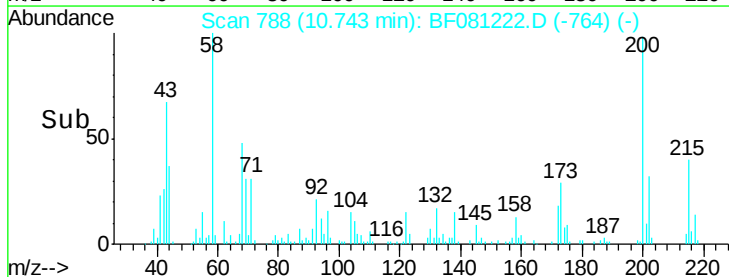
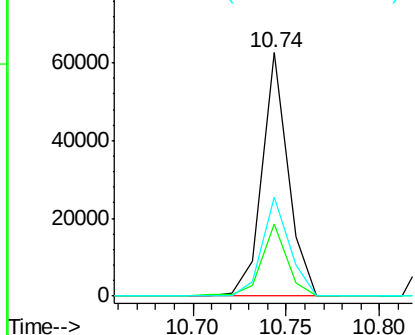


#68
Atrazine
Concen: 34.65 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:200 Resp: 60037
Ion Ratio Lower Upper
200 100
173 29.8 8.1 48.1
215 40.8 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

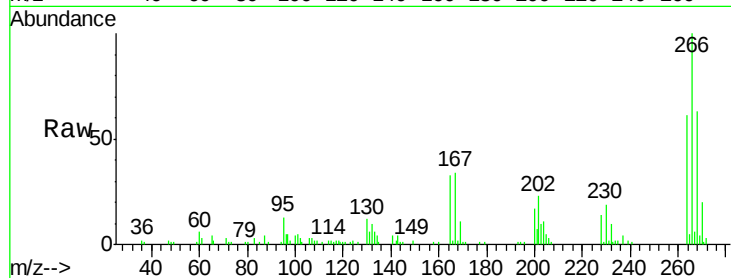




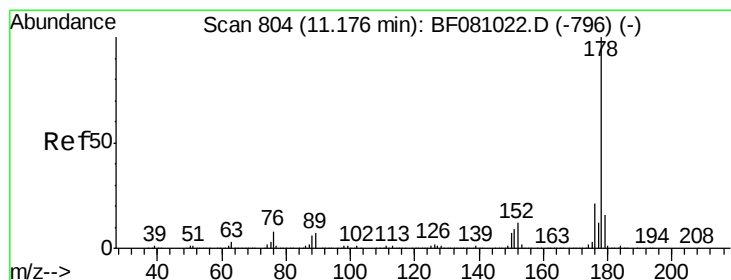
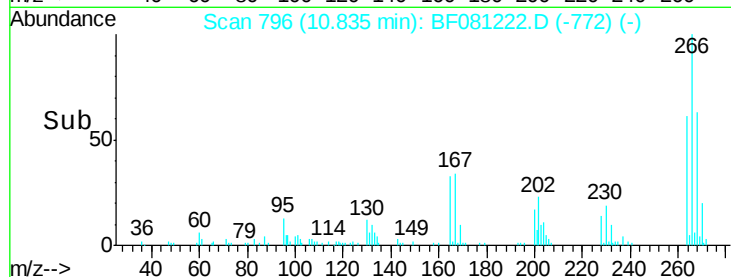
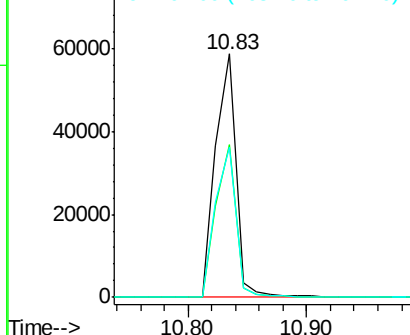
#69
 Pentachlorophenol
 Concen: 67.25 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 69929
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.2 76.8
 264 61.4 50.6 75.8

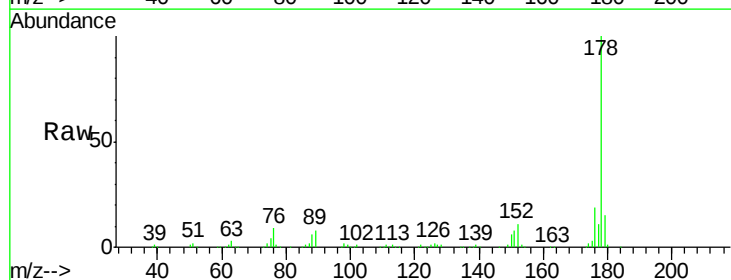


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

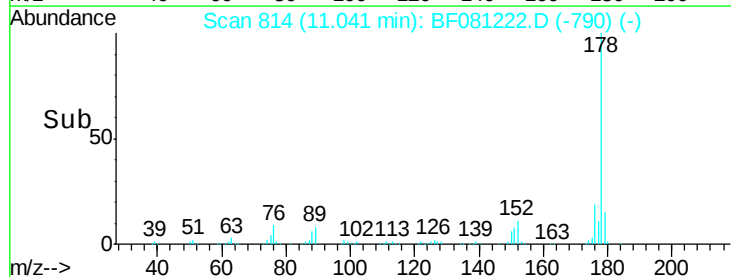
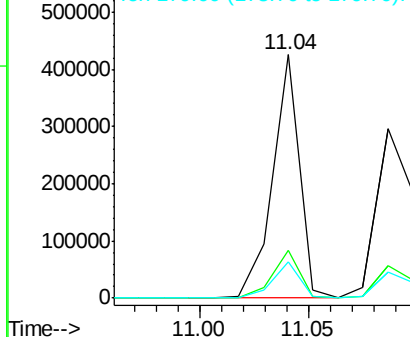


#70
 Phenanthrene
 Concen: 35.84 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:178 Resp: 370065
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.1 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

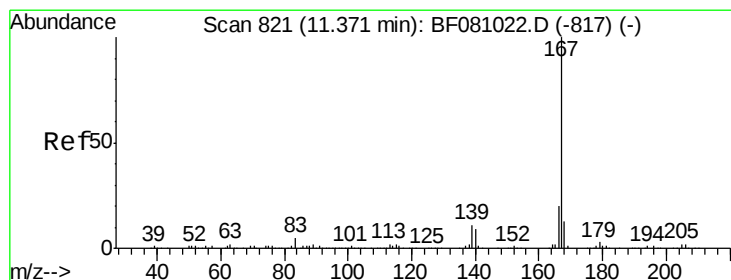
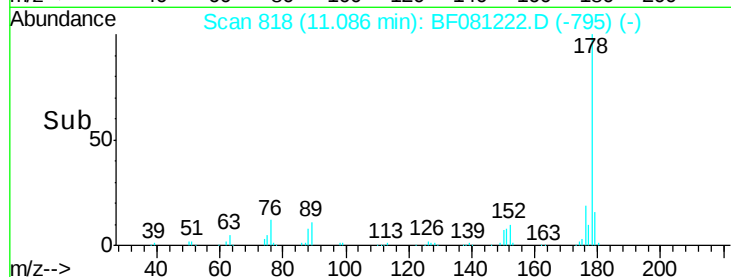
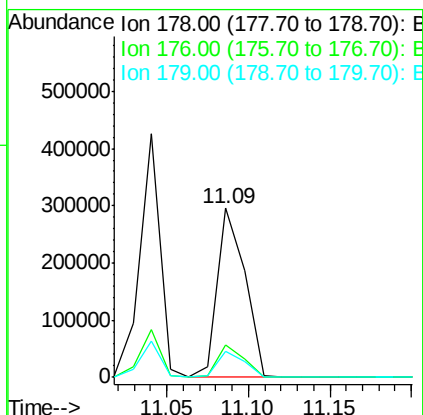
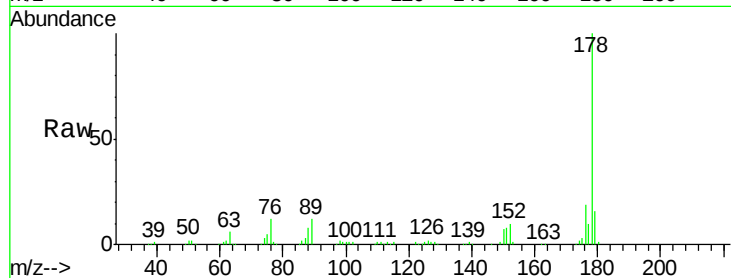




#71
 Anthracene
 Concen: 34.32 ng
 RT: 11.09 min Scan# 818
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

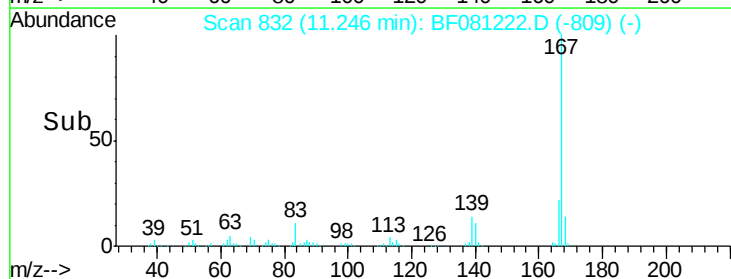
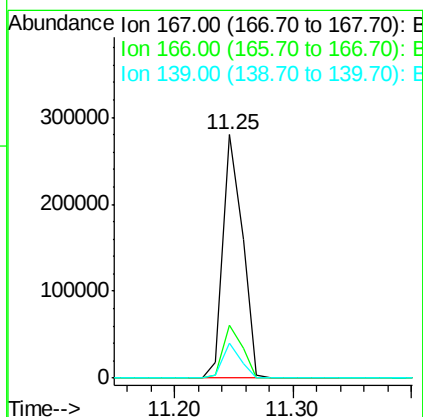
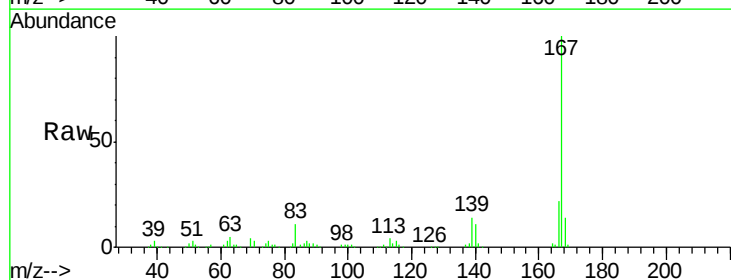
Instrument :
 BNA_F
 ClientSampleId :

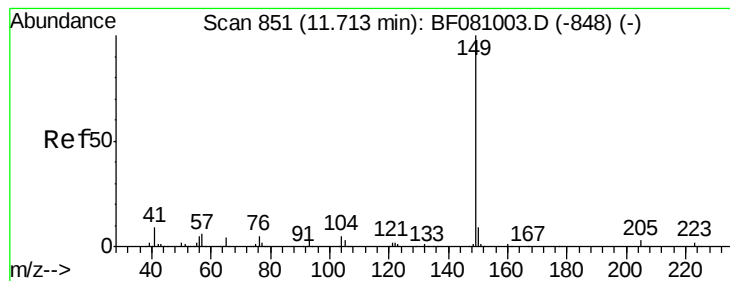
Tot Ion:178 Resp: 344780
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 32.86 ng
 RT: 11.25 min Scan# 832
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:167 Resp: 317857
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 14.2 10.6 16.0





#73

Di-n-butylphthalate

Concen: 38.75 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

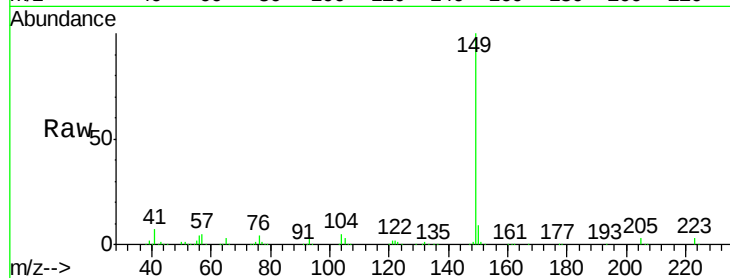
Tot Ion:149 Resp: 453603

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

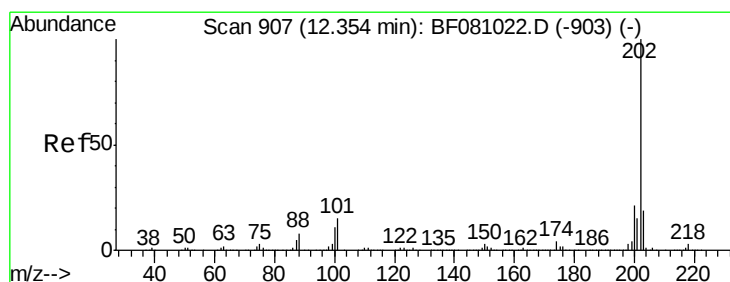
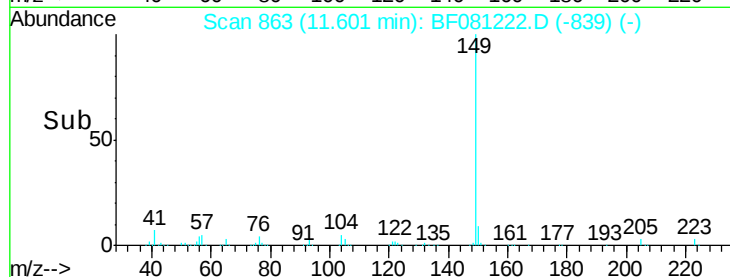
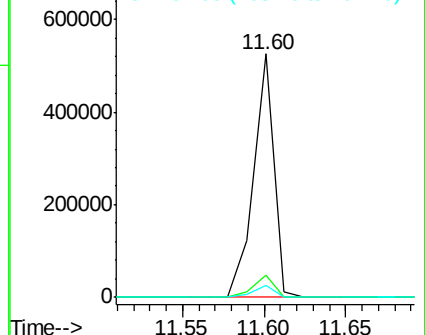
104 4.7 3.9 5.9



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: 36.24 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

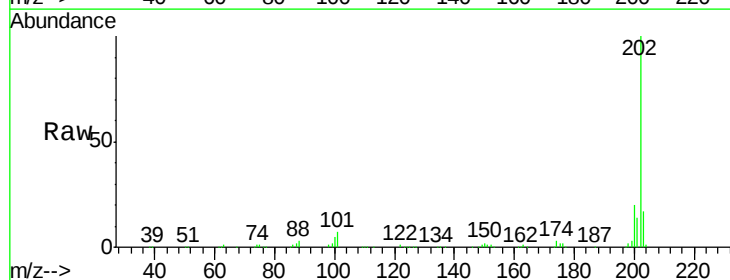
Tgt Ion:202 Resp: 403738

Ion Ratio Lower Upper

202 100

101 7.2 0.0 24.8

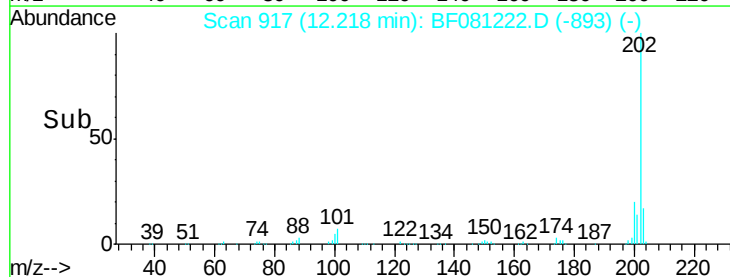
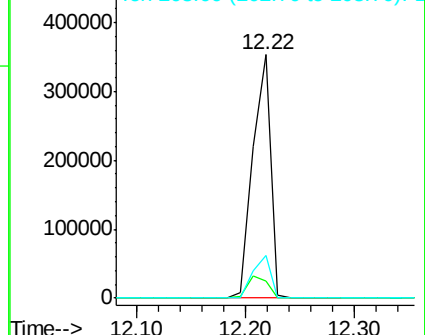
203 17.4 0.0 36.9

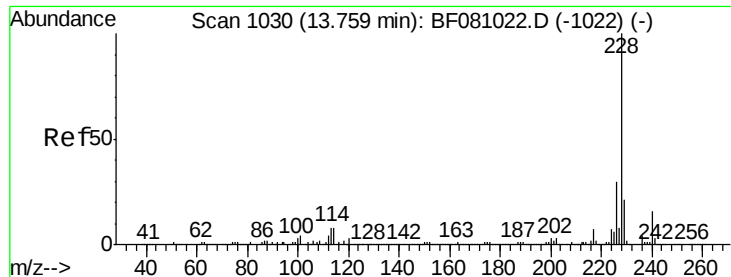


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

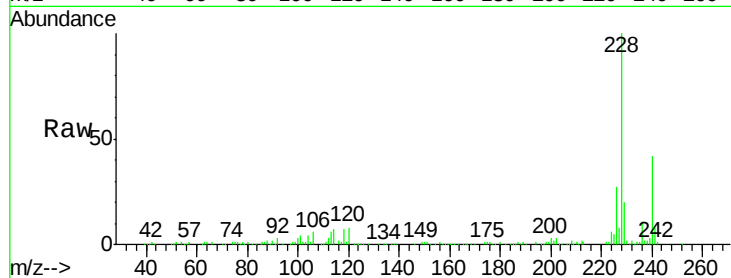
Tot Ion:240 Resp: 128659

Ion Ratio Lower Upper

240 100

120 19.0 5.6 8.4#

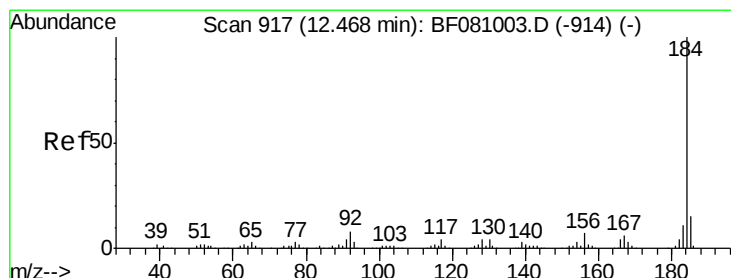
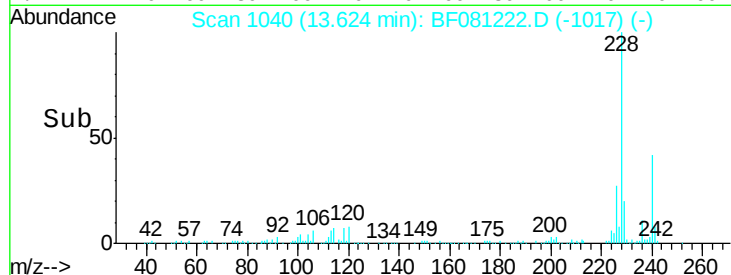
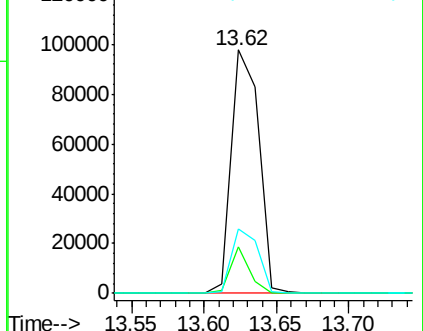
236 26.3 20.6 30.8



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: 31.92 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

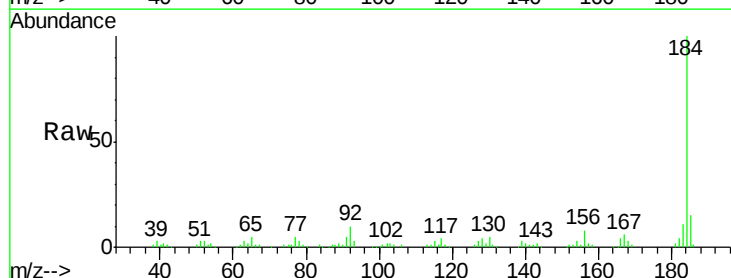
Tgt Ion:184 Resp: 155157

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

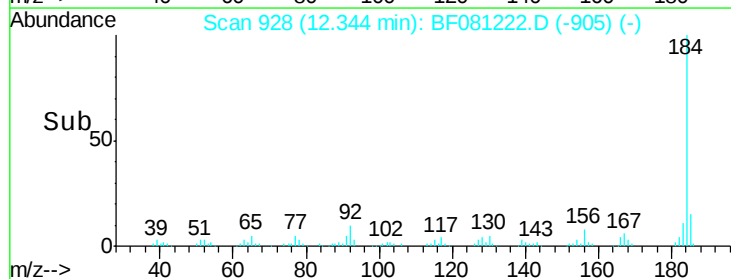
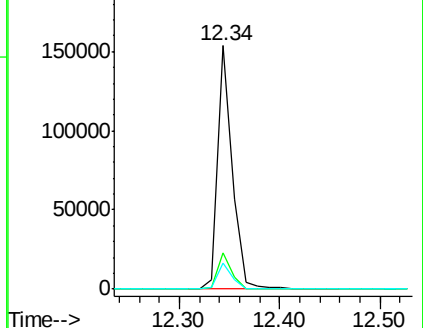
183 10.8 8.9 13.3

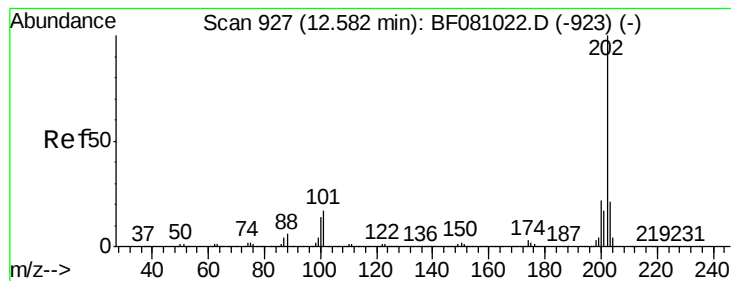


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.09 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

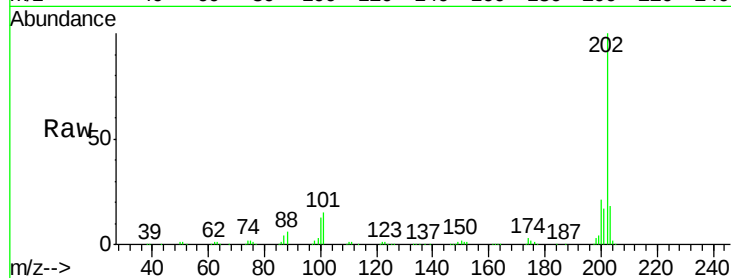
Tot Ion:202 Resp: 366984

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

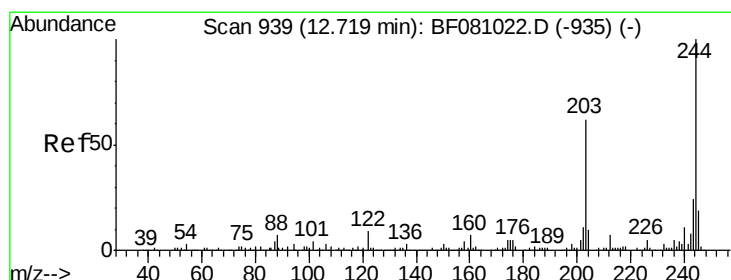
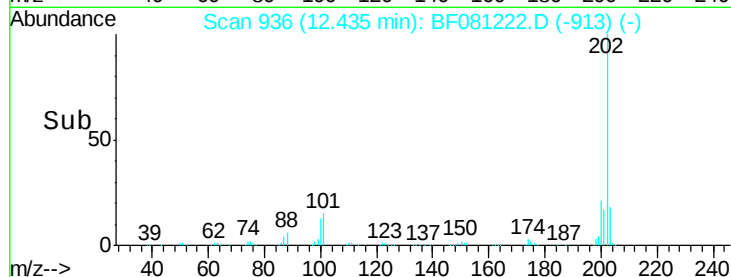
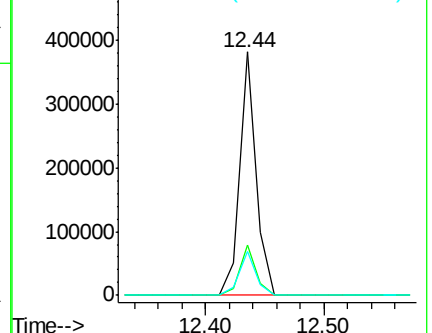
203 18.2 14.1 21.1



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: 68.86 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

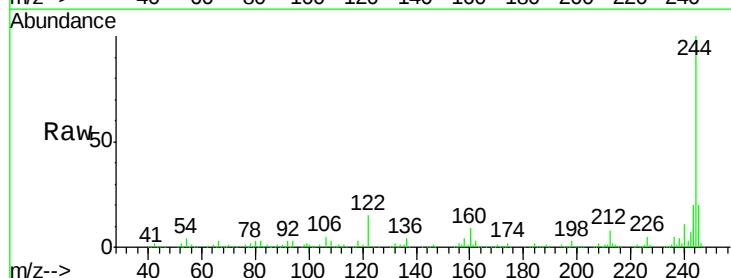
Tgt Ion:244 Resp: 413266

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

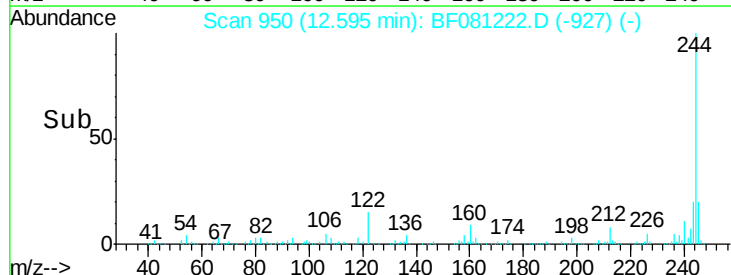
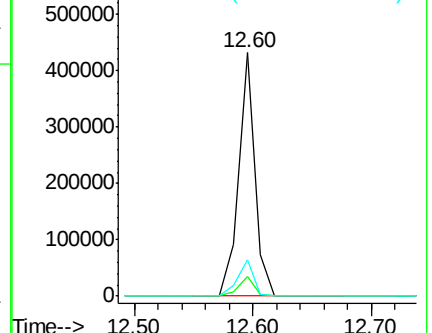
122 14.8 8.2 12.4#



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

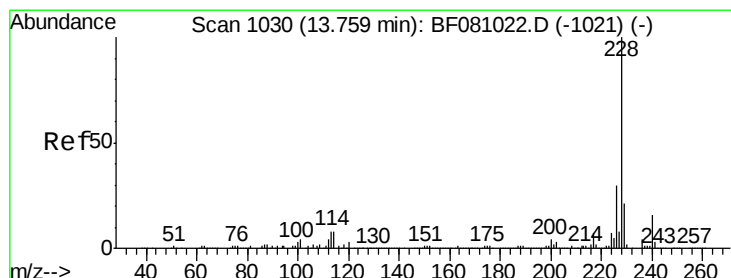
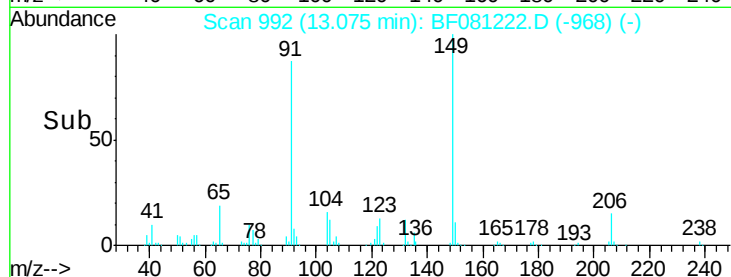
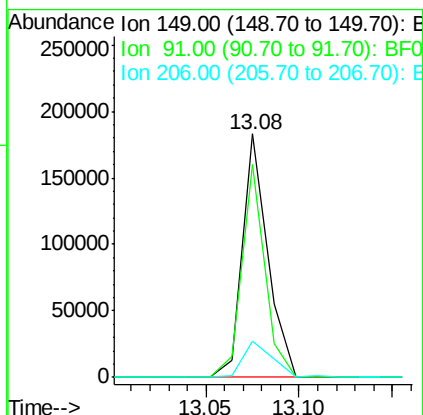
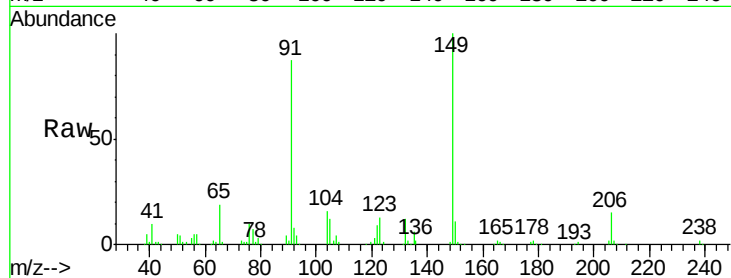




#79
 Butylbenzylphthalate
 Concen: 38.36 ng
 RT: 13.08 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

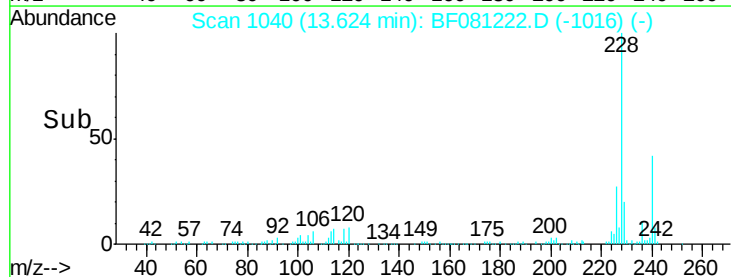
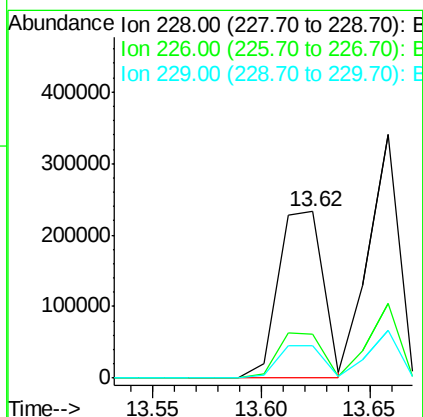
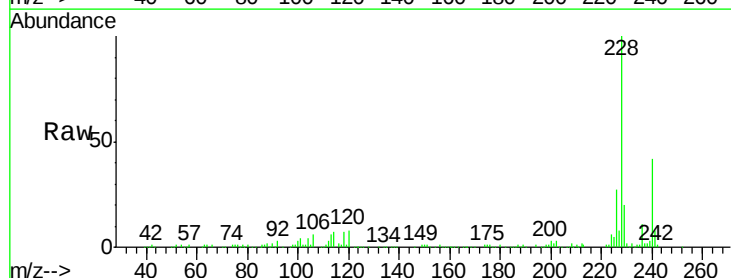
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 172444
 Ion Ratio Lower Upper
 149 100
 91 87.2 46.9 70.3#
 206 14.7 17.0 25.4#



#80
 Benzo(a)anthracene
 Concen: 38.89 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion:228 Resp: 335556
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.3 33.5
 229 19.7 15.9 23.9

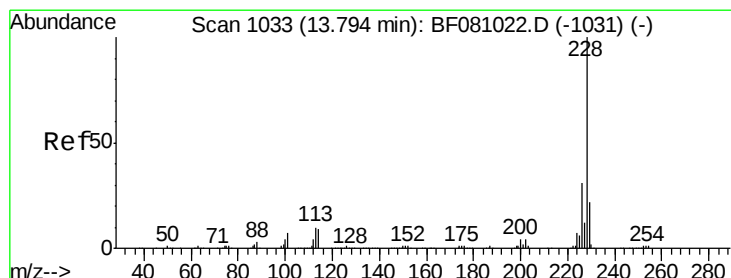
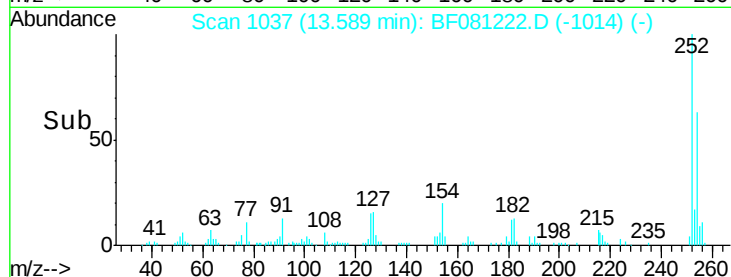
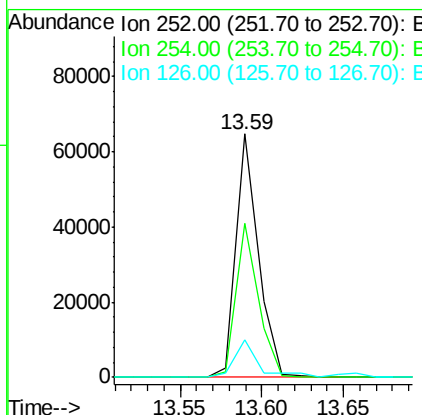
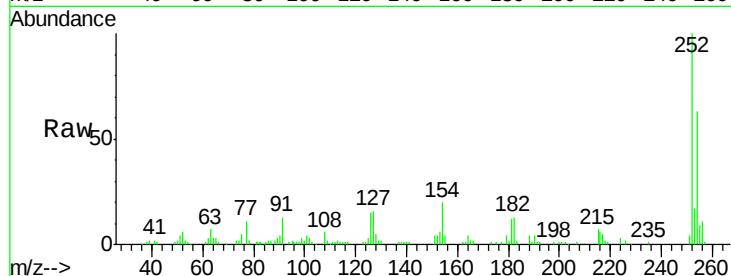




#81
 3,3'-Dichlorobenzidine
 Concen: 21.77 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

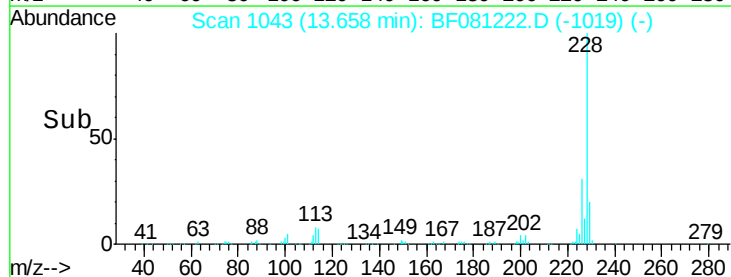
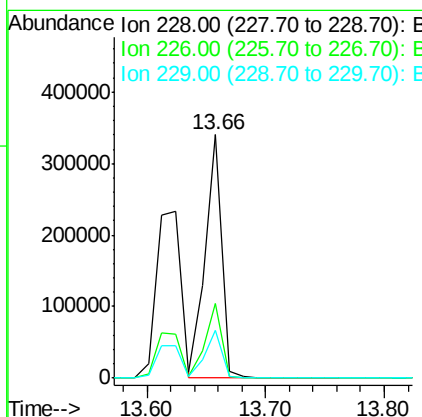
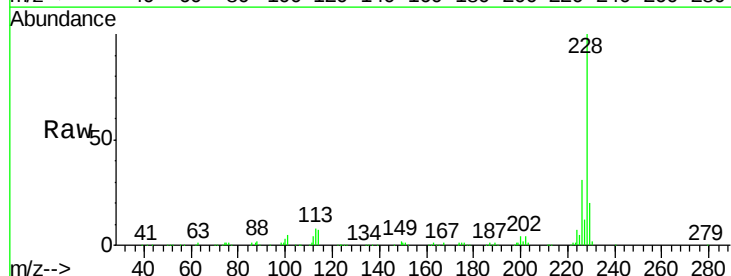
Instrument :
 BNA_F
 ClientSampleId :

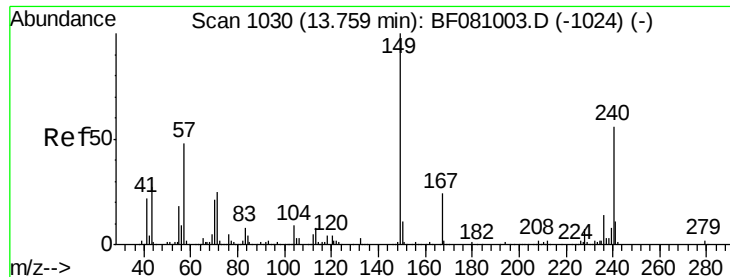
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	15.2	12.5	18.7



#82
 Chrysene
 Concen: 42.62 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081222.D
 Acq: 26 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.88 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

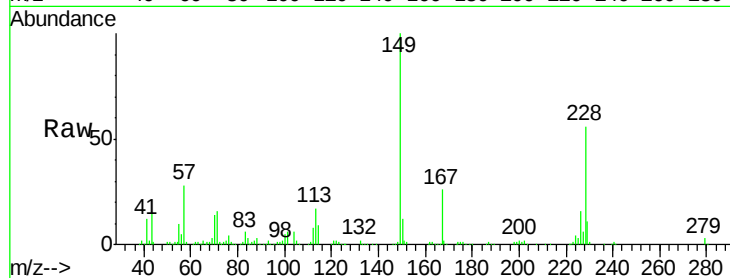
Tot Ion:149 Resp: 241150

Ion Ratio Lower Upper

149 100

167 26.4 20.7 31.1

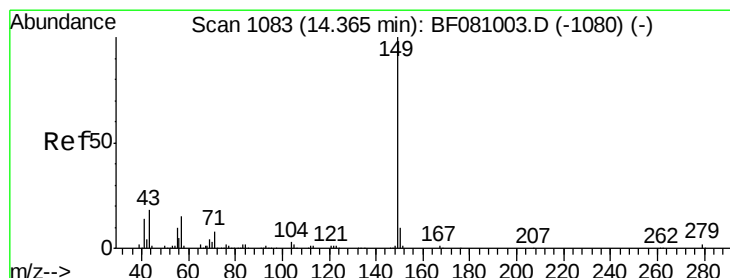
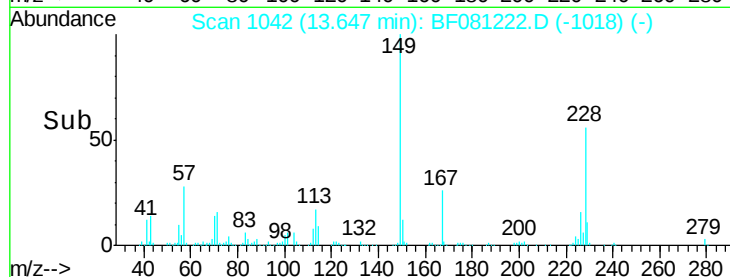
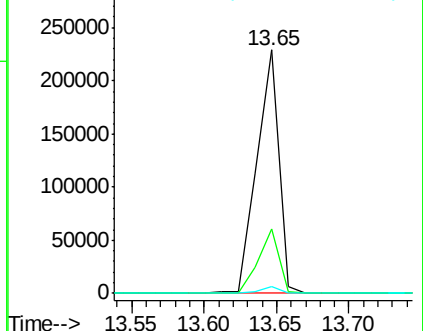
279 2.7 2.2 3.4



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: 45.87 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

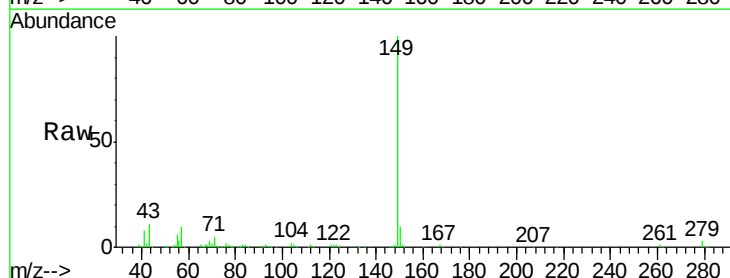
Tgt Ion:149 Resp: 401438

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

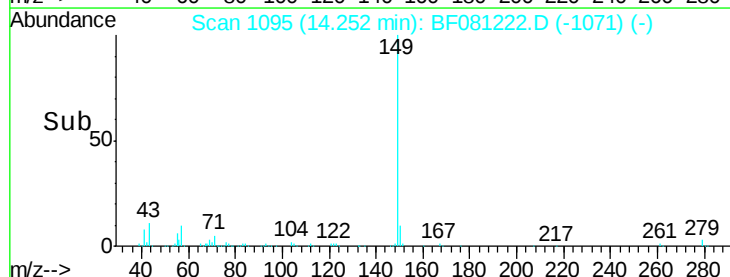
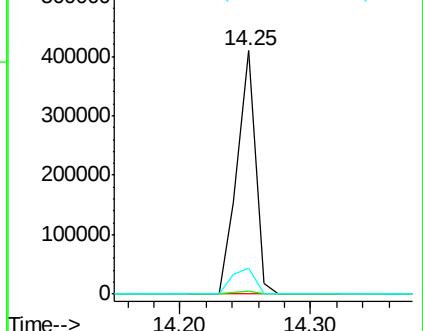
43 13.5 11.6 17.4



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

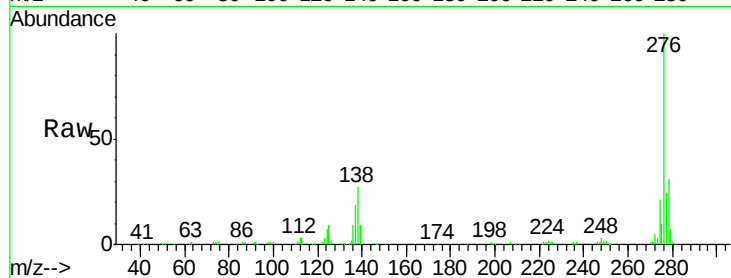




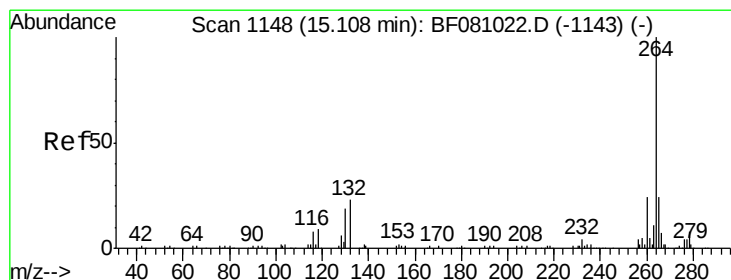
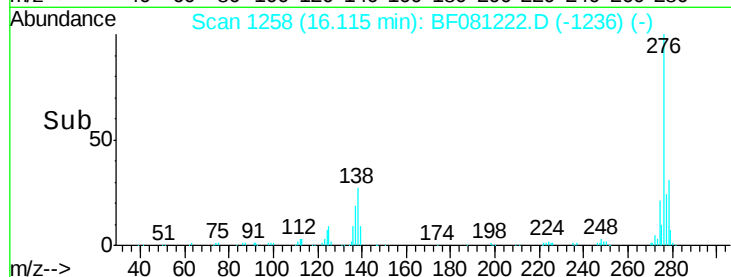
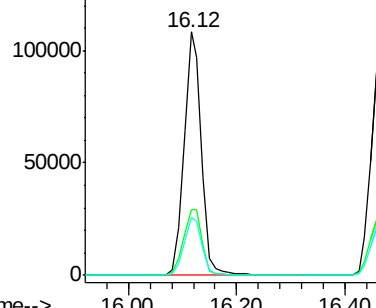
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.68 ng
RT: 16.12 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.3	19.8	29.8

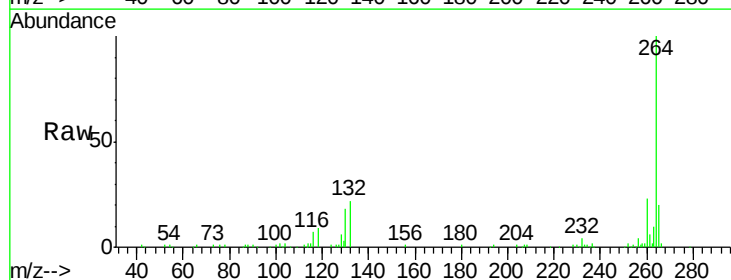


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

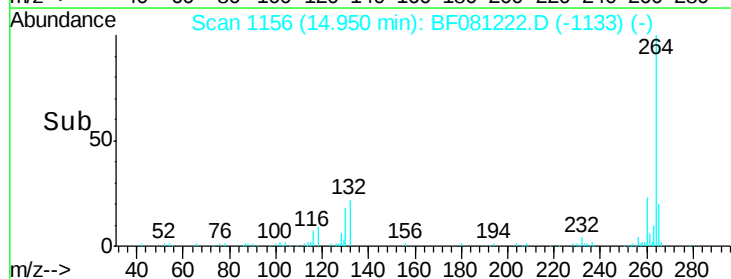
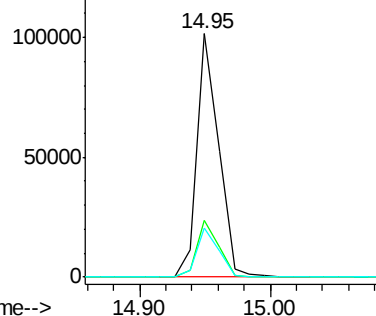


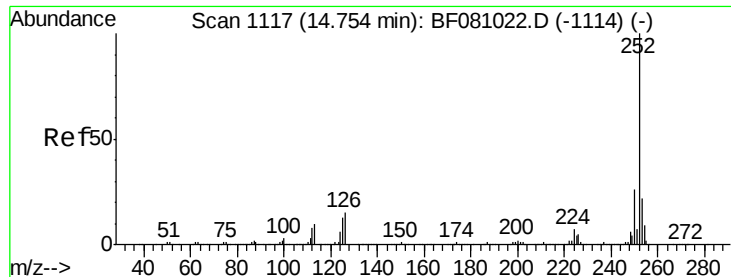
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	20.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 65.57 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

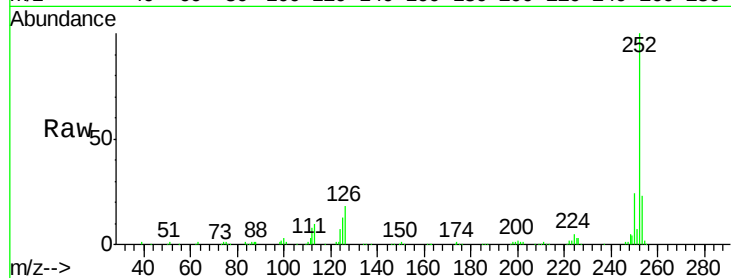
Tot Ion:252 Resp: 542508

Ion Ratio Lower Upper

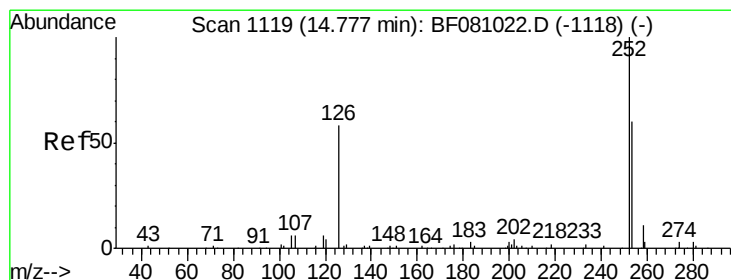
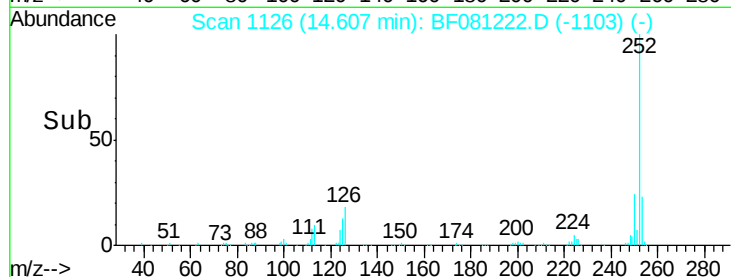
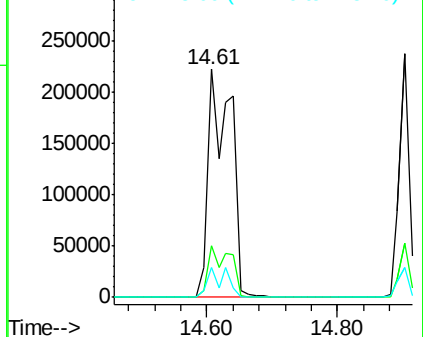
252 100

253 22.5 17.1 25.7

125 13.3 8.0 12.0#



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



#88

Benzo(k)fluoranthene

Concen: 70.37 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

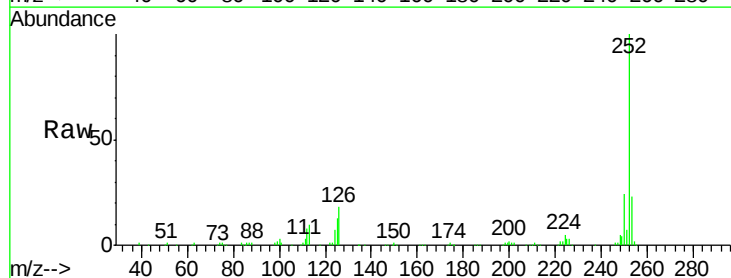
Tgt Ion:252 Resp: 542508

Ion Ratio Lower Upper

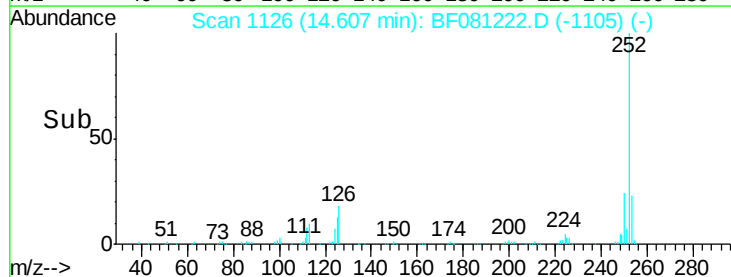
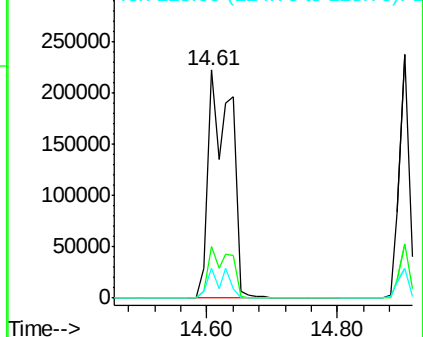
252 100

253 22.5 17.6 26.4

125 13.3 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

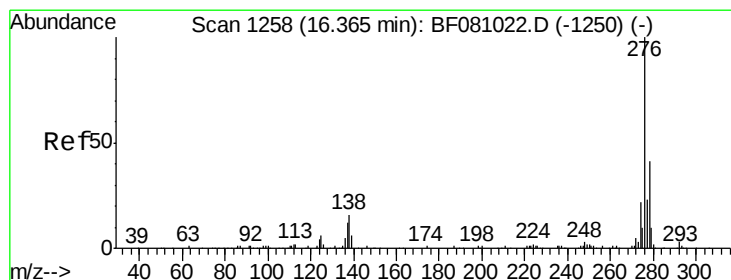
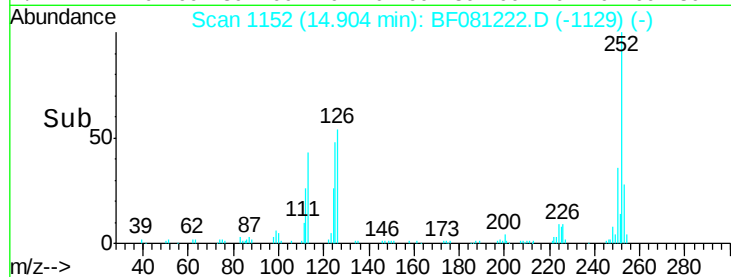
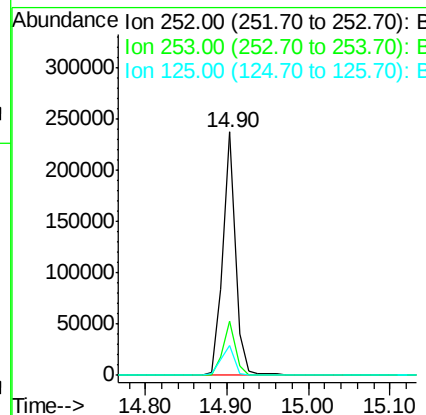
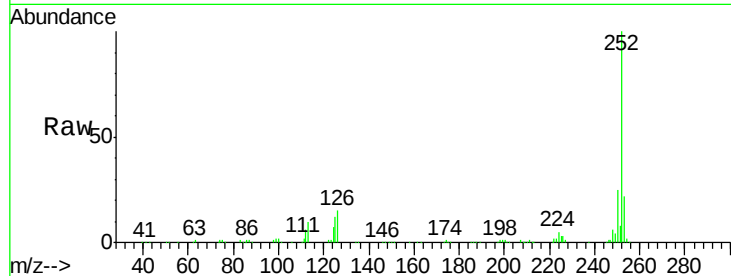




#89
Benzo(a)pyrene
Concen: 35.84 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

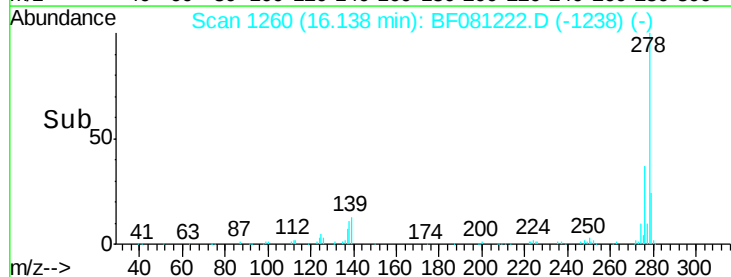
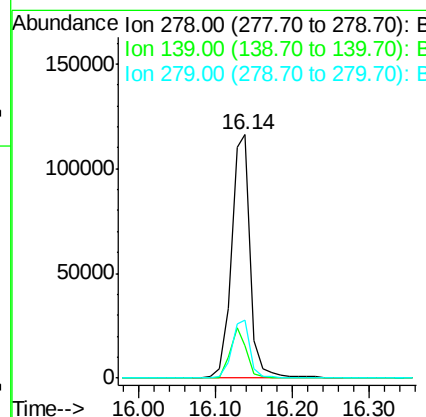
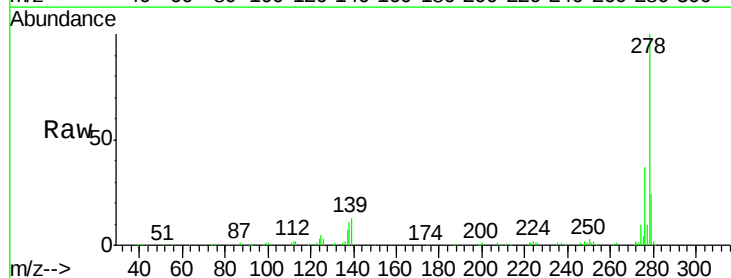
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 258331
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 12.3 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 35.99 ng
RT: 16.14 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BF081222.D
Acq: 26 Aug 2015 20:16

Tgt Ion:278 Resp: 202162
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.6 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 35.52 ng

RT: 16.47 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF081222.D

Acq: 26 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

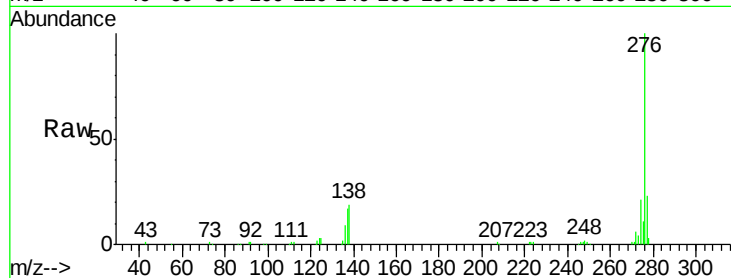
Tot Ion: 276 Resp: 202407

Ion Ratio Lower Upper

276 100

277 22.5 18.2 27.2

138 19.4 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

