

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081456.D
 Acq On : 5 Sep 2015 10:42
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:44:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	63143	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	249555	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	119557	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	233600	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	178191	20.00	ng	-0.03
86) Perylene-d12	14.77	264	127136	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.89	112	333667	81.99	ng	-0.03
7) Phenol-d6	6.03	99	430883	79.99	ng	-0.02
23) Nitrobenzene-d5	6.95	82	443775	85.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	85480	80.30	ng	-0.02
44) 2-Fluorobiphenyl	8.73	172	680420	72.93	ng	-0.03
78) Terphenyl-d14	12.43	244	583081	76.17	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.67	88	73565	40.25	ng	95
3) Pyridine	2.20	79	222376	44.12	ng	# 86
4) n-Nitrosodimethylamine	2.18	42	114983	41.07	ng	# 75
6) Aniline	6.02	93	311410	40.94	ng	# 81
8) 2-Chlorophenol	6.15	128	189408	42.24	ng	90
9) Benzaldehyde	5.90	77	132566	39.27	ng	# 77
10) Phenol	6.04	94	257088	41.15	ng	# 53
11) bis(2-Chloroethyl)ether	6.11	93	175698	38.98	ng	87
12) 1,3-Dichlorobenzene	6.30	146	199279	41.59	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	197181	40.42	ng	# 90
14) 1,2-Dichlorobenzene	6.54	146	170390	38.79	ng	97
15) Benzyl Alcohol	6.52	79	174632	39.52	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	361228	41.81	ng	83
17) 2-Methylphenol	6.66	107	151994	42.48	ng	# 76
18) Hexachloroethane	6.87	117	74902	39.46	ng	94
19) n-Nitroso-di-n-propylamine	6.81	70	154379	42.11	ng	# 85
20) 3+4-Methylphenols	6.82	107	192579	39.92	ng	89
22) Acetophenone	6.80	105	269605	39.55	ng	# 85
24) Nitrobenzene	6.96	77	198389	36.93	ng	# 60
25) Isophorone	7.21	82	387241	40.25	ng	# 85
26) 2-Nitrophenol	7.28	139	97551	41.67	ng	# 40
27) 2,4-Dimethylphenol	7.35	122	172791	42.73	ng	# 85
28) bis(2-Chloroethoxy)methane	7.44	93	217538	39.15	ng	# 94
29) 2,4-Dichlorophenol	7.53	162	146173	41.69	ng	95
30) 1,2,4-Trichlorobenzene	7.60	180	157228	41.27	ng	95
31) Naphthalene	7.68	128	505294	37.97	ng	100
32) Benzoic acid	7.51	122	90238	32.14	ng	# 53
33) 4-Chloroaniline	7.74	127	197229	36.33	ng	# 79
34) Hexachlorobutadiene	7.80	225	97777	42.18	ng	99
35) Caprolactam	8.14	113	45946	42.72	ng	# 47
36) 4-Chloro-3-methylphenol	8.24	107	157499	40.13	ng	# 69
37) 2-Methylnaphthalene	8.36	142	362435	41.85	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	138455	36.62	ng	99
40) Hexachlorocyclopentadiene	8.51	237	64349	34.68	ng	96

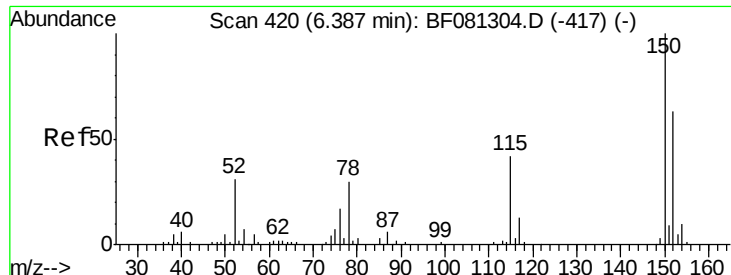
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081456.D
 Acq On : 5 Sep 2015 10:42
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:44:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	96505	36.98	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	106477	40.00	nq #	91
45) 1,1'-Biphenyl	8.83	154	444343	40.40	nq	95
46) 2-Chloronaphthalene	8.84	162	278565	35.07	nq #	86
47) 2-Nitroaniline	8.96	65	140146	43.29	nq #	68
48) Acenaphthylene	9.26	152	552385	39.20	nq	97
49) Dimethylphthalate	9.15	163	377066	40.59	nq #	97
50) 2,6-Dinitrotoluene	9.21	165	78992	37.47	nq	92
51) Acenaphthene	9.43	154	329114	41.05	nq	92
52) 3-Nitroaniline	9.37	138	95407	39.75	nq #	50
53) 2,4-Dinitrophenol	9.47	184	33211	37.40	nq #	1
54) Dibenzofuran	9.60	168	457343	39.07	nq #	90
55) 4-Nitrophenol	9.60	139	237732	157.66	nq #	31
56) 2,4-Dinitrotoluene	9.60	165	94645	35.26	nq #	13
57) Fluorene	9.93	166	314830	35.44	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	85226	41.93	nq	91
59) Diethylphthalate	9.84	149	349089	35.73	nq	93
60) 4-Chlorophenyl-phenylether	9.94	204	171524	41.43	nq	97
61) 4-Nitroaniline	9.98	138	80832	33.33	nq #	20
62) Azobenzene	10.09	77	385995	35.53	nq #	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	57207	43.78	nq	88
65) n-Nitrosodiphenylamine	10.07	169	307544	36.18	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	99754	42.23	nq	95
67) Hexachlorobenzene	10.48	284	100435	40.67	nq #	79
68) Atrazine	10.60	200	99114	40.29	nq	82
69) Pentachlorophenol	10.67	266	49122	45.14	nq	98
70) Phenanthrene	10.88	178	498054	38.35	nq	97
71) Anthracene	10.94	178	503584	37.74	nq	99
72) Carbazole	11.10	167	489883	39.13	nq	96
73) Di-n-butylphthalate	11.45	149	622167	42.08	nq #	98
74) Fluoranthene	12.04	202	514972	36.63	nq	92
76) Benzidine	12.19	184	243583	31.84	nq	99
77) Pyrene	12.27	202	571694	43.31	nq	98
79) Butylbenzylphthalate	12.93	149	255605	44.53	nq	92
80) Benzo(a)anthracene	13.45	228	433543	38.20	nq	96
81) 3,3'-Dichlorobenzidine	13.43	252	128932	33.68	nq #	95
82) Chrysene	13.49	228	355323	34.93	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	293945	38.80	nq #	89
84) Di-n-octyl phthalate	14.09	149	454775	36.46	nq	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	315148	42.23	nq #	85
87) Benzo(b)fluoranthene	14.47	252	664578	73.22	nq #	85
88) Benzo(k)fluoranthene	14.47	252	664578	88.24	nq #	86
89) Benzo(a)pyrene	14.72	252	289047	37.58	nq #	86
90) Dibenzo(a,h)anthracene	15.85	278	261038	43.92	nq #	82
91) Benzo(g,h,i)perylene	16.16	276	251726	44.38	nq #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

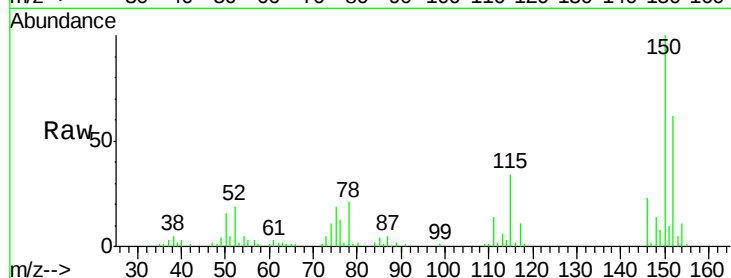
Tot Ion:152 Resp: 63143

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

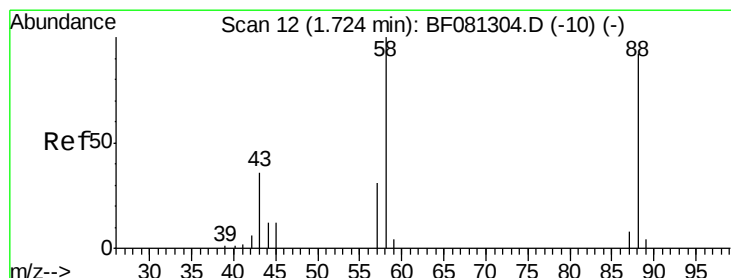
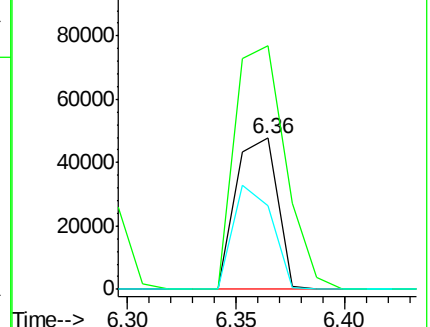
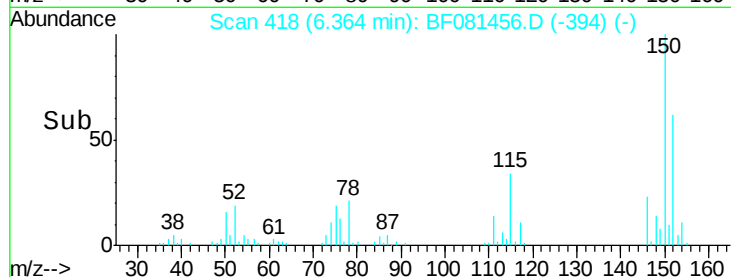
115 55.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.25 ng

RT: 1.67 min Scan# 7

Delta R.T. -0.06 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

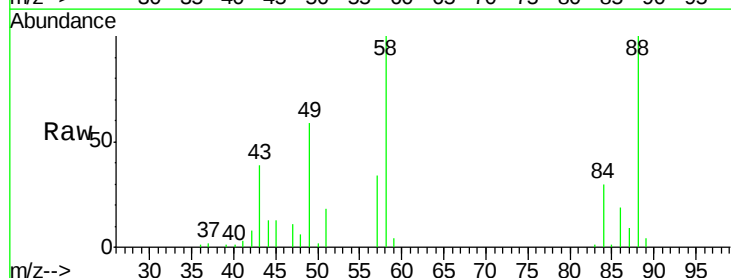
Tgt Ion: 88 Resp: 73565

Ion Ratio Lower Upper

88 100

58 91.8 77.7 116.5

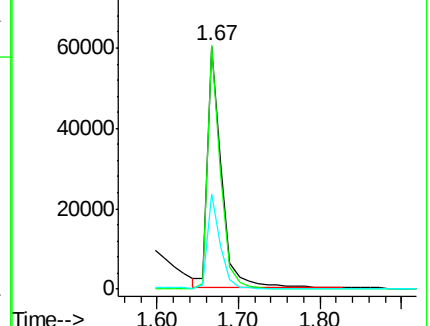
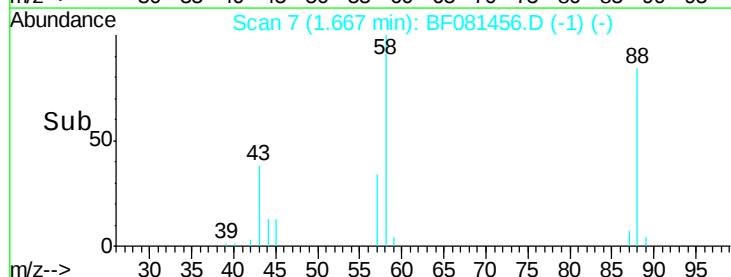
43 35.8 26.6 40.0

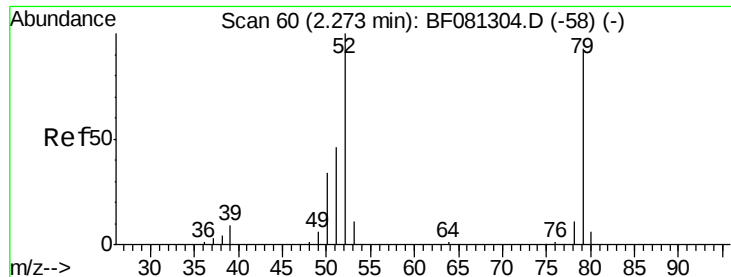


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.12 ng

RT: 2.20 min Scan# 54

Delta R.T. -0.07 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

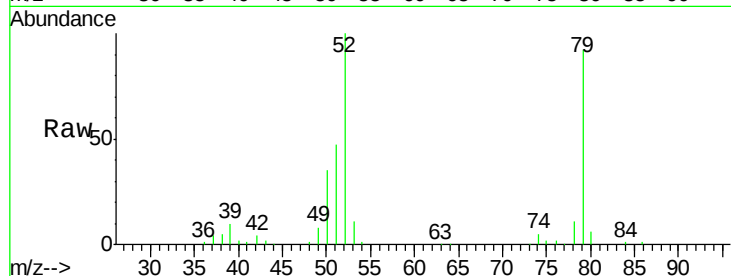
Tot Ion: 79 Resp: 222376

Ion Ratio Lower Upper

79 100

52 108.4 76.8 115.2

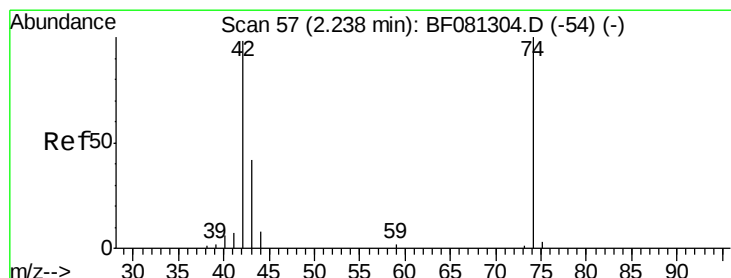
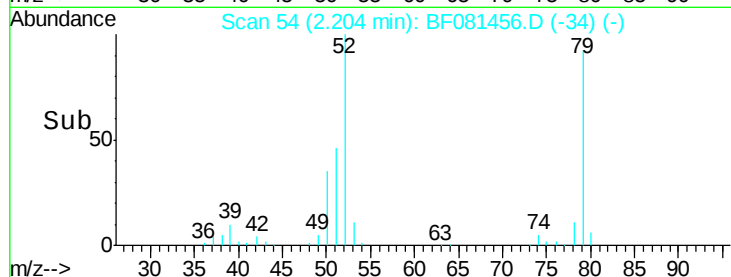
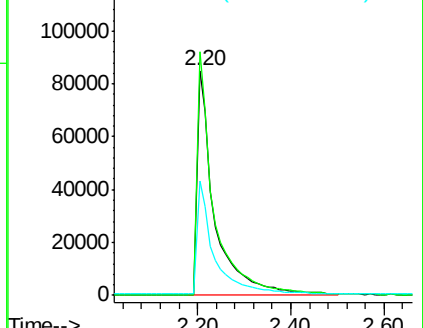
51 50.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.07 ng

RT: 2.18 min Scan# 52

Delta R.T. -0.06 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

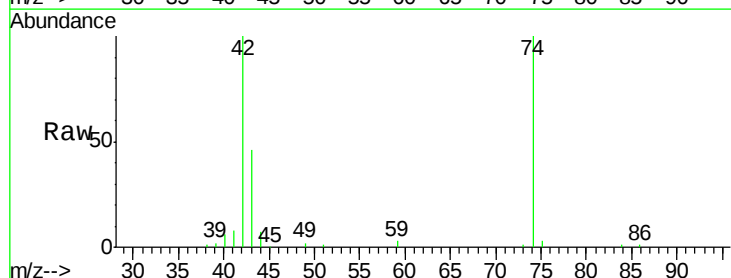
Tgt Ion: 42 Resp: 114983

Ion Ratio Lower Upper

42 100

74 100.1 105.0 157.6#

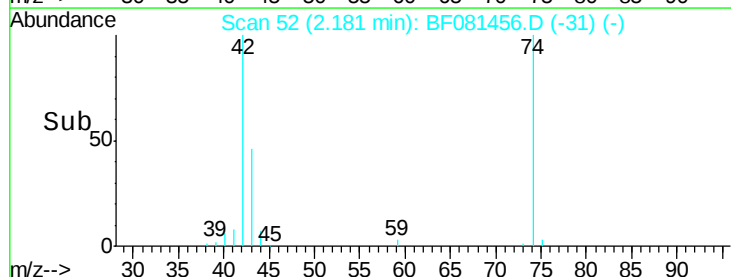
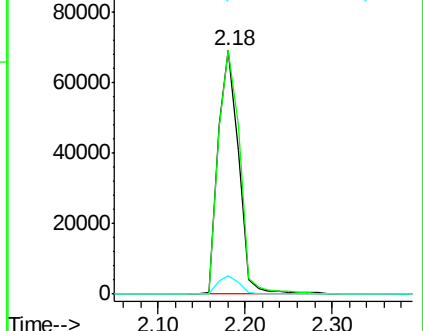
44 7.4 6.6 10.0

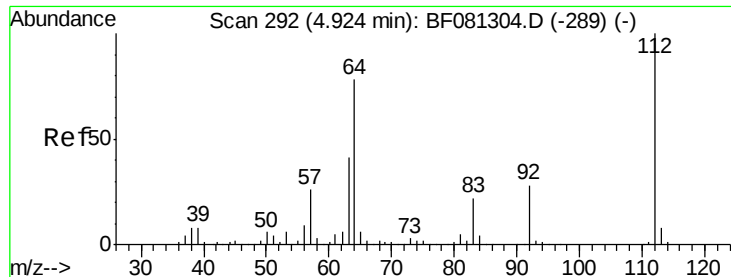


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.99 ng

RT: 4.89 min Scan# 289

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

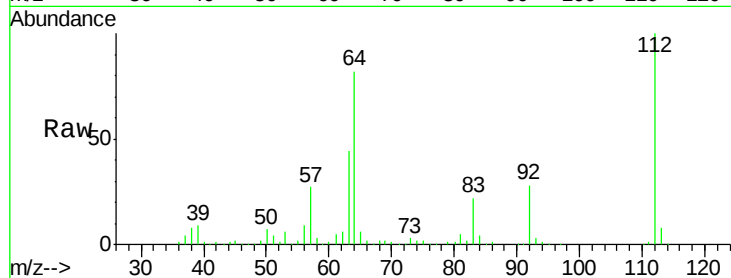
Tot Ion:112 Resp: 333667

Ion Ratio Lower Upper

112 100

64 81.5 39.7 59.5#

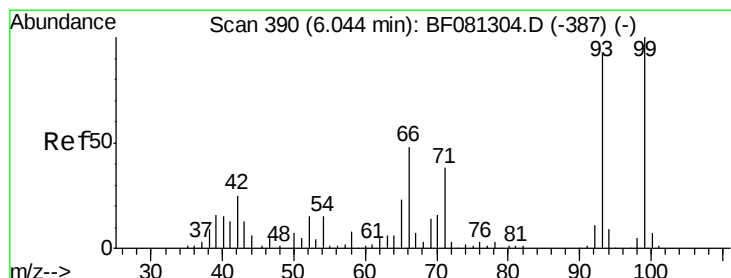
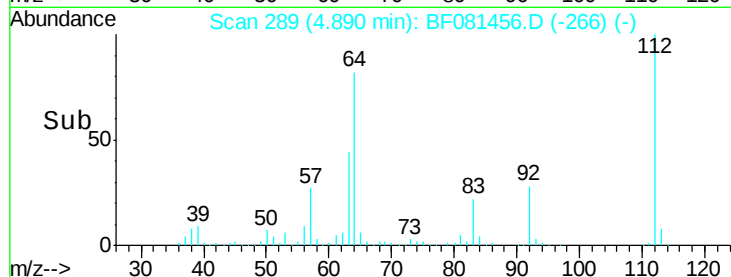
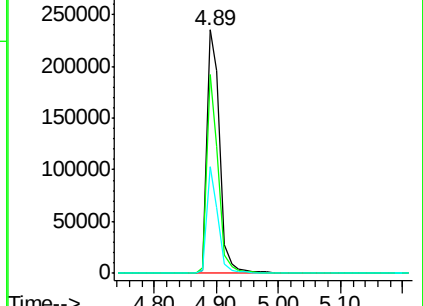
63 43.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.94 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

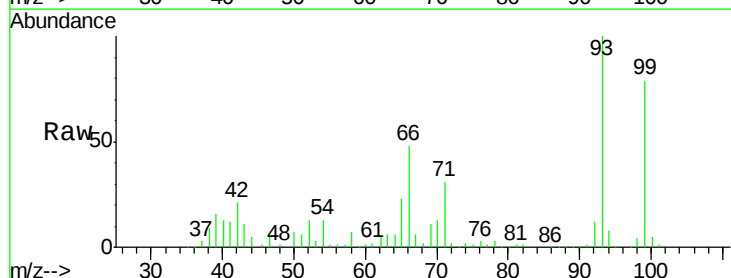
Tgt Ion: 93 Resp: 311410

Ion Ratio Lower Upper

93 100

66 47.9 27.2 40.8#

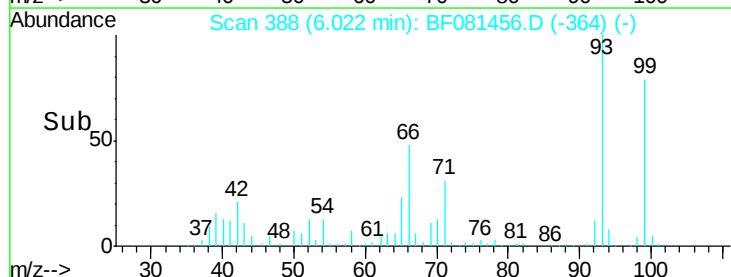
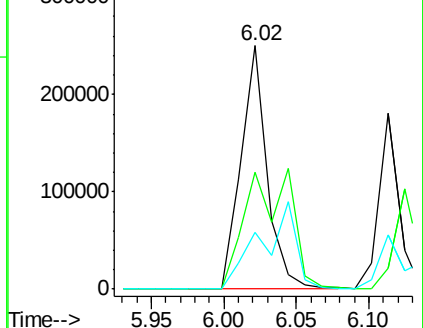
65 23.1 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.99 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

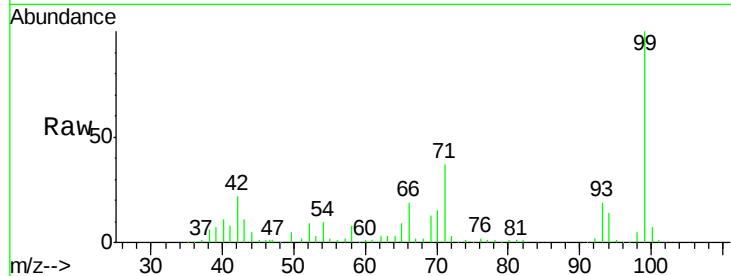
Tot Ion: 99 Resp: 430883

Ion Ratio Lower Upper

99 100

42 22.0 13.7 20.5#

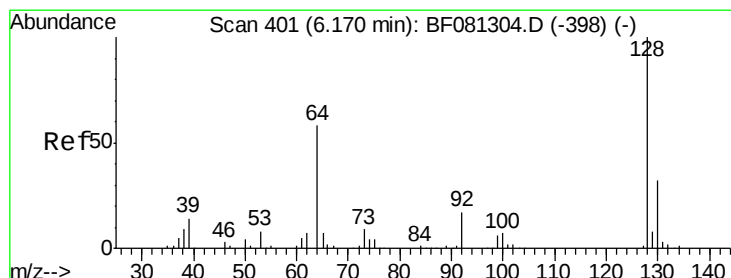
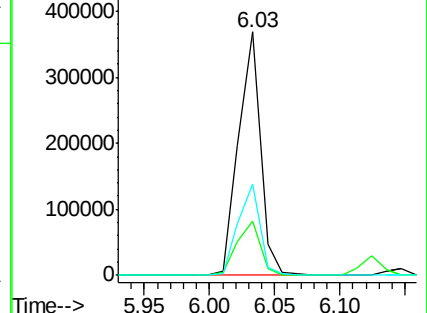
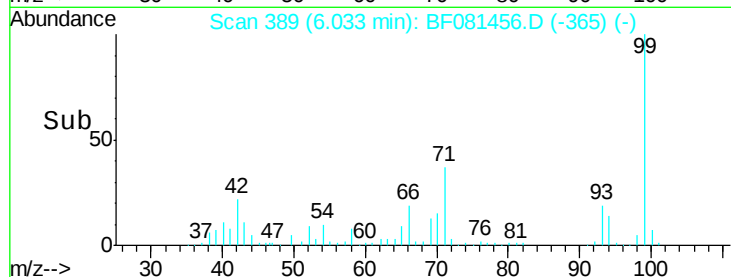
71 37.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.24 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

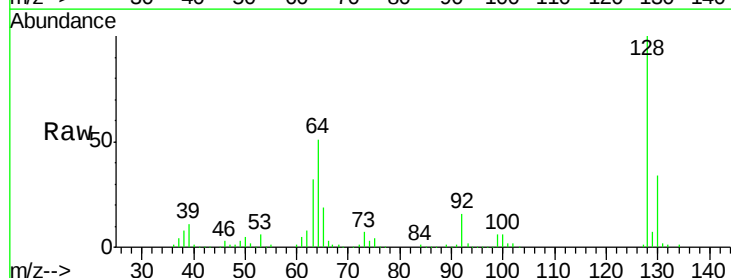
Tgt Ion: 128 Resp: 189408

Ion Ratio Lower Upper

128 100

130 33.7 12.2 52.2

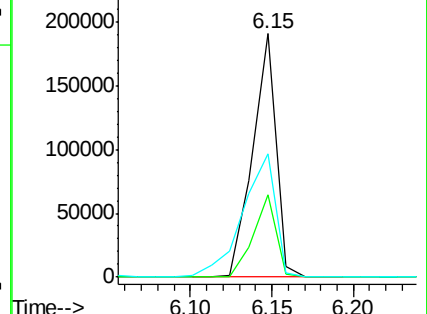
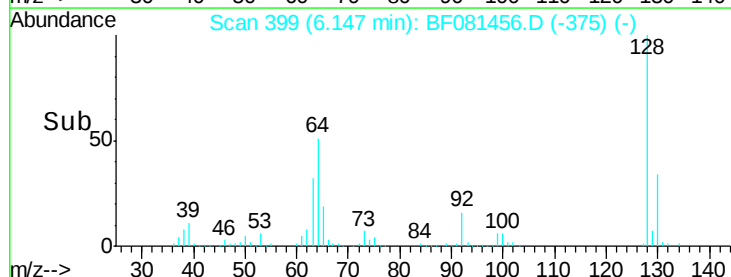
64 50.5 20.5 60.5

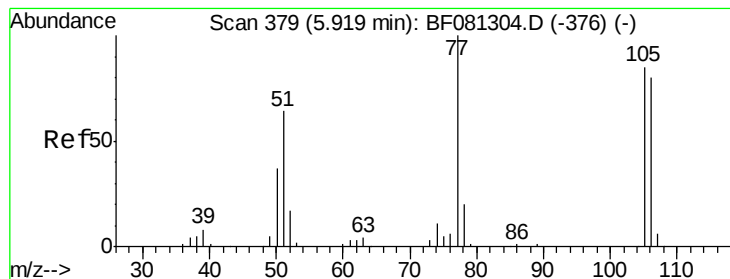


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.27 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleID :

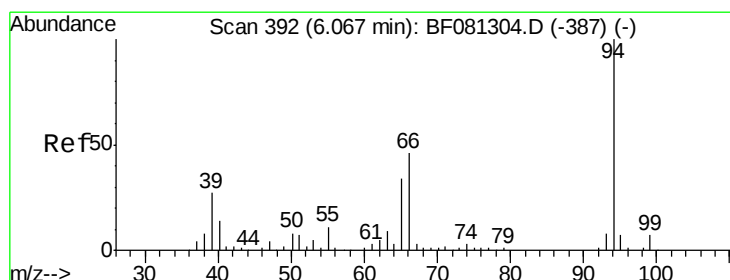
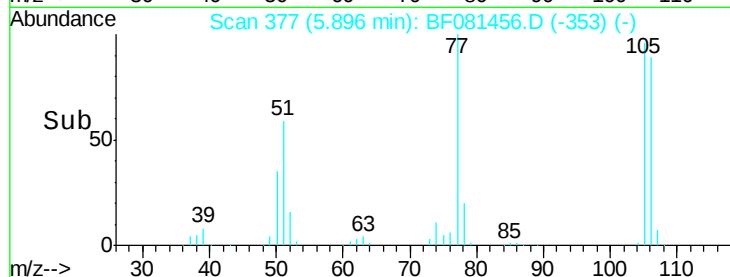
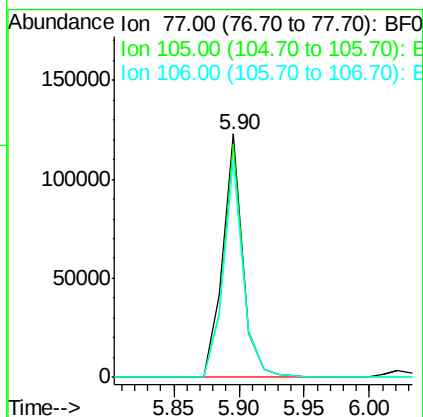
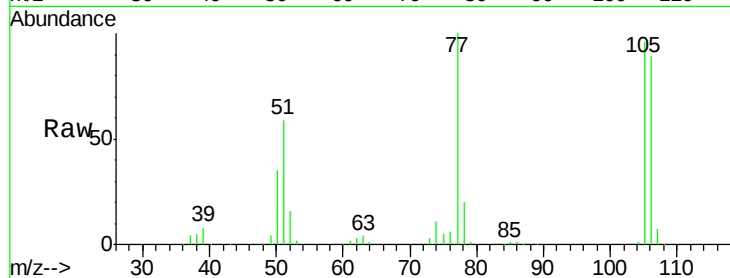
Tot Ion: 77 Resp: 132566

Ion Ratio Lower Upper

77 100

105 95.8 91.6 131.6

106 88.8 102.6 142.6#



#10

Phenol

Concen: 41.15 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

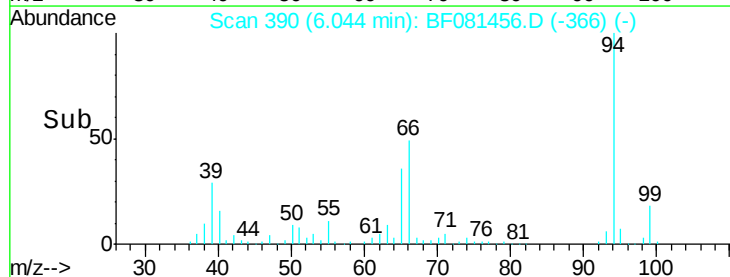
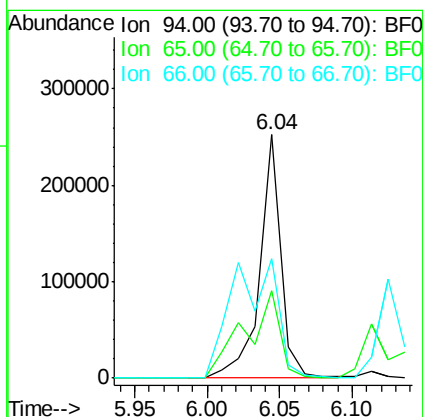
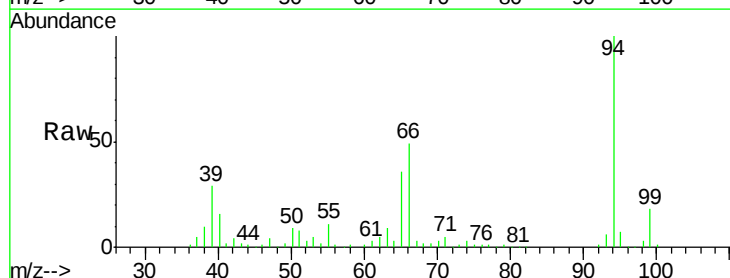
Tgt Ion: 94 Resp: 257088

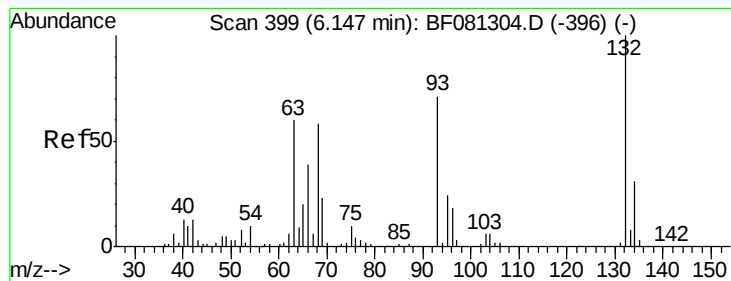
Ion Ratio Lower Upper

94 100

65 35.8 0.7 40.7

66 49.2 0.8 40.8#

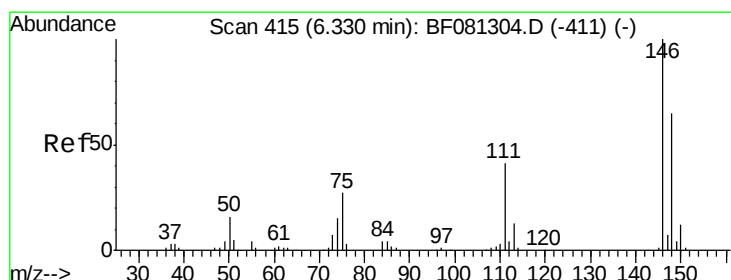
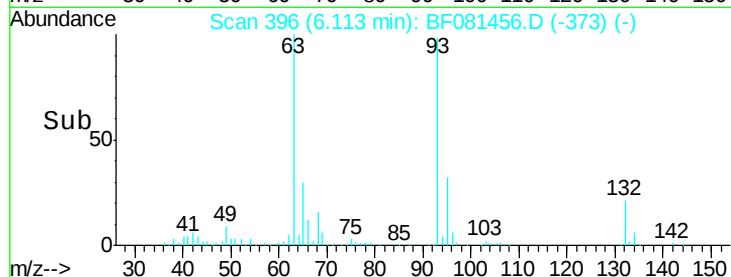
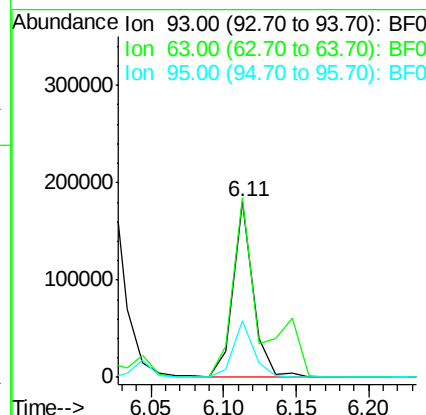
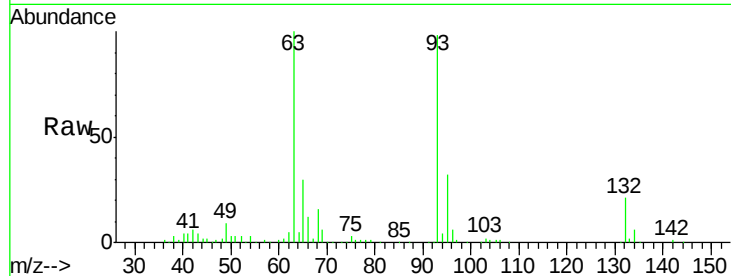




#11
bis(2-Chloroethyl)ether
Concen: 38.98 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

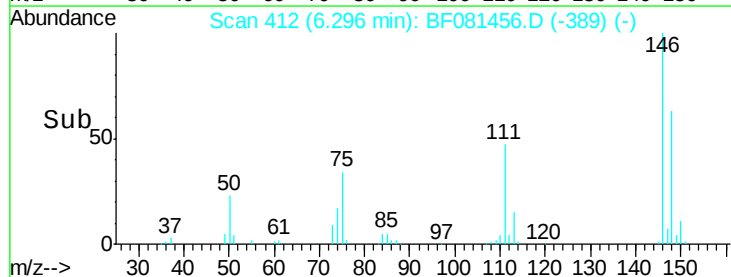
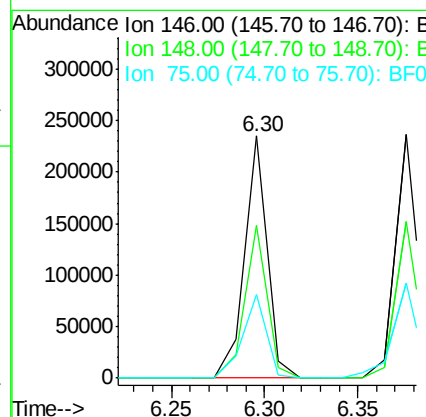
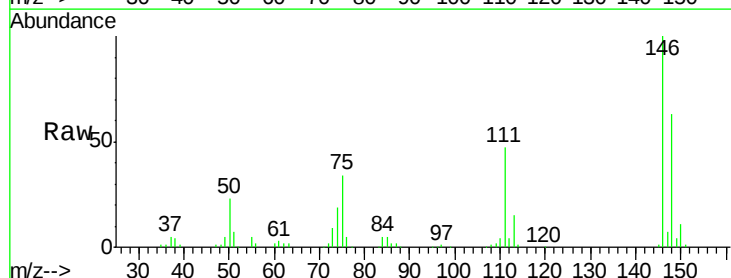
Instrument :
BNA_F
ClientSampleId :

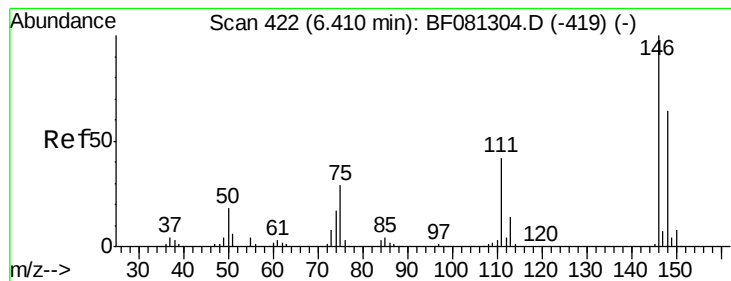
Tot Ion: 93 Resp: 175698
Ion Ratio Lower Upper
93 100
63 102.0 65.6 105.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.59 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion: 146 Resp: 199279
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 34.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.42 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

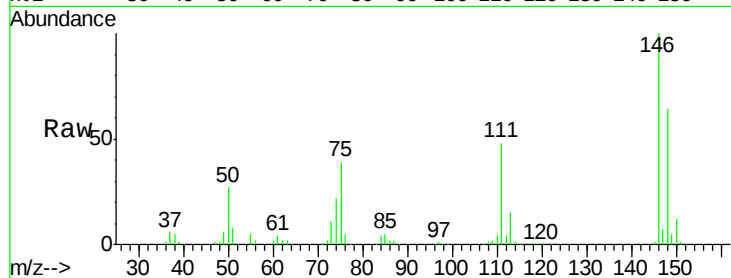
Tot Ion:146 Resp: 197181

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

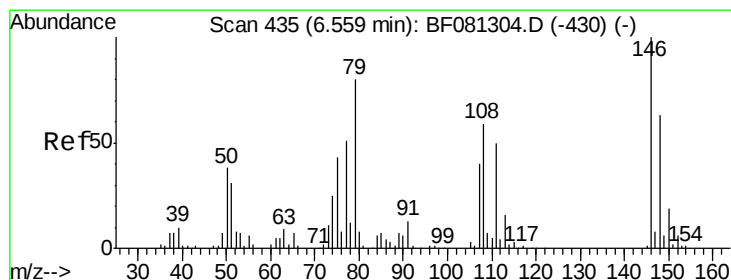
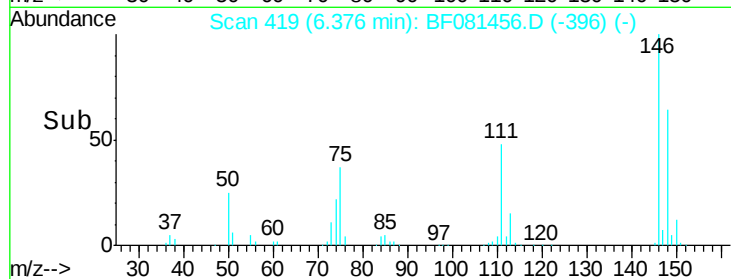
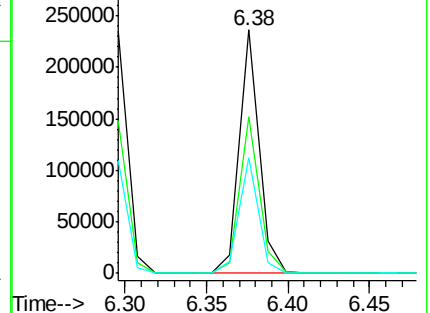
111 47.7 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.79 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

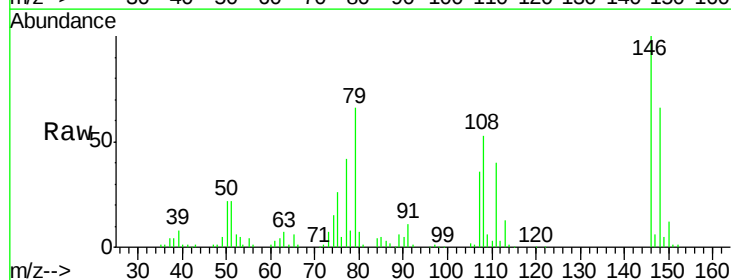
Tgt Ion:146 Resp: 170390

Ion Ratio Lower Upper

146 100

148 65.7 52.7 79.1

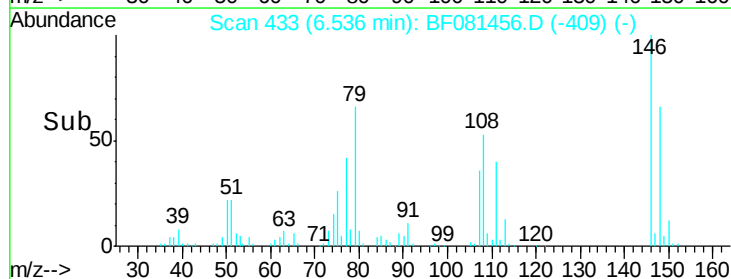
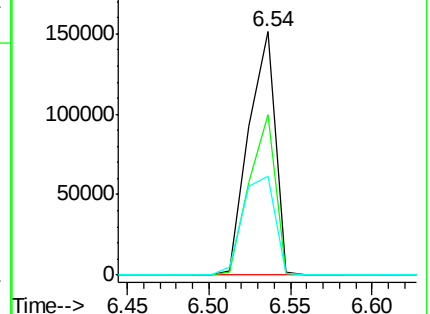
111 40.5 28.8 43.2

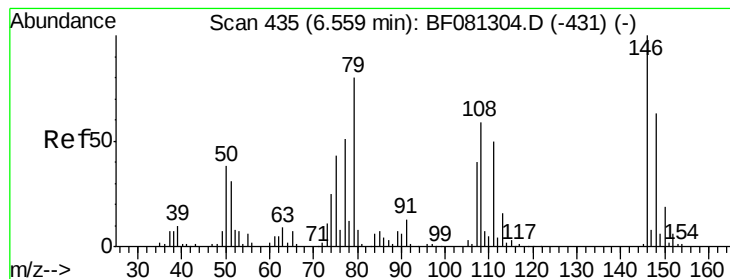


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.52 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

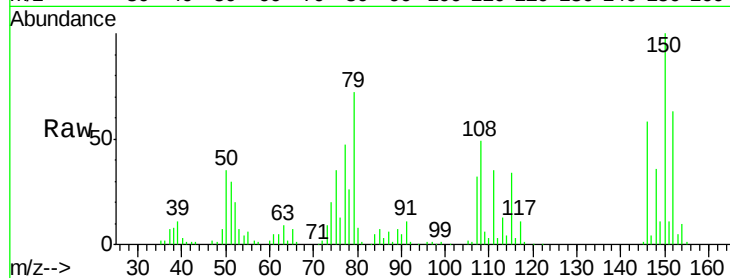
Tot Ion: 79 Resp: 174632

Ion Ratio Lower Upper

79 100

108 67.3 88.6 132.8#

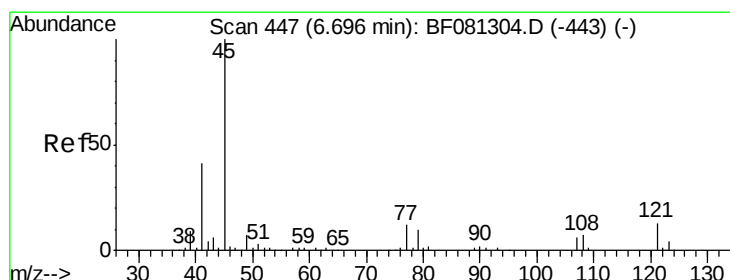
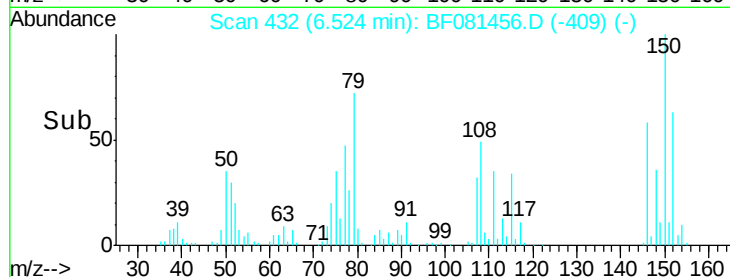
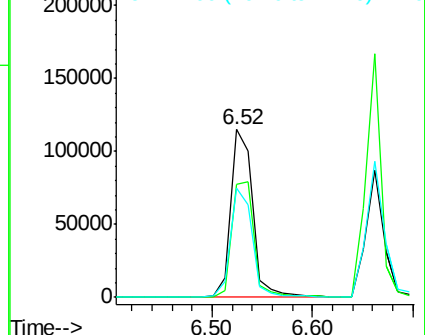
77 65.4 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.81 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

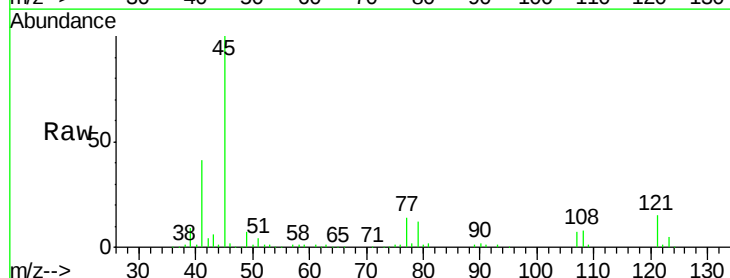
Tgt Ion: 45 Resp: 361228

Ion Ratio Lower Upper

45 100

77 13.8 0.0 28.1

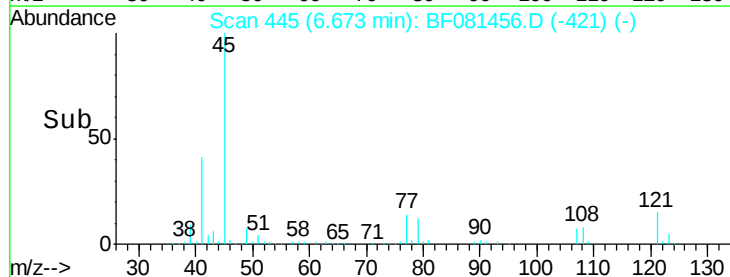
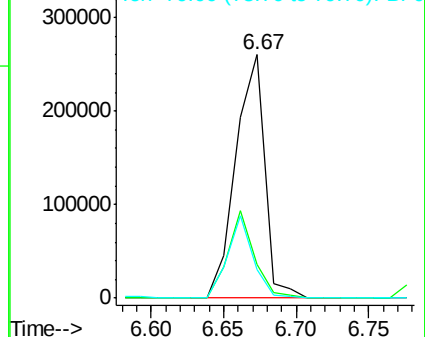
79 11.9 0.0 26.0

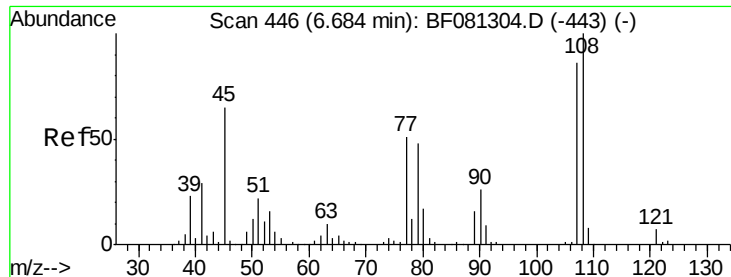


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

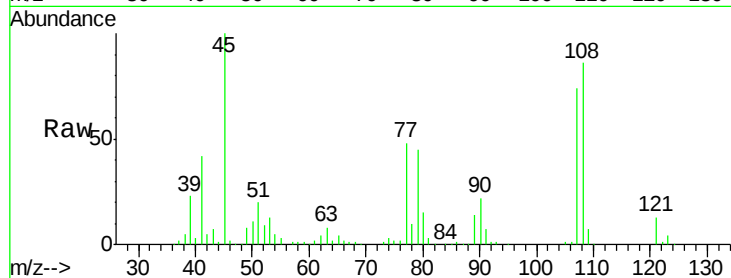




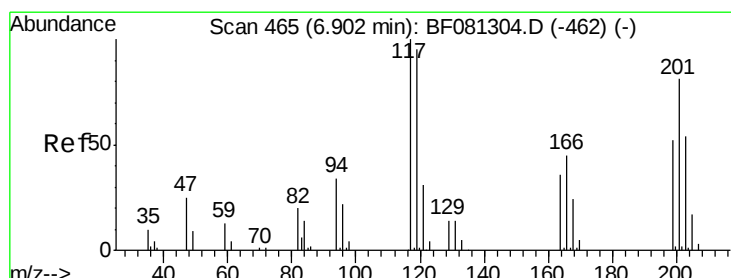
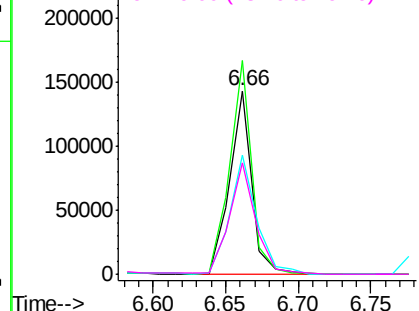
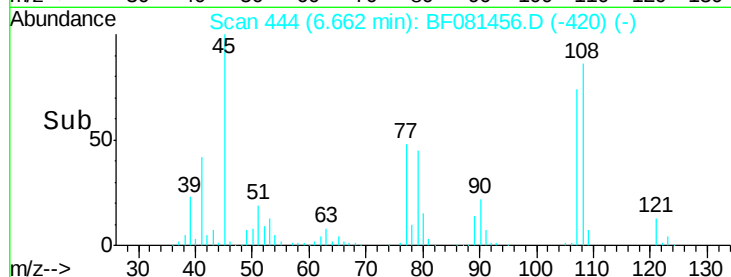
#17
 2-Methylphenol
 Concen: 42.48 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	151994
Ion	Ratio	Lower	Upper
107	100		
108	116.3	96.6	145.0
77	65.0	23.3	34.9#
79	61.0	22.0	33.0#

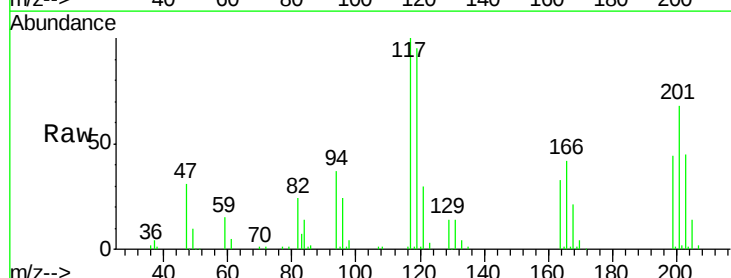


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

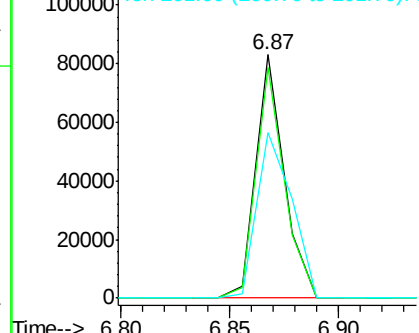
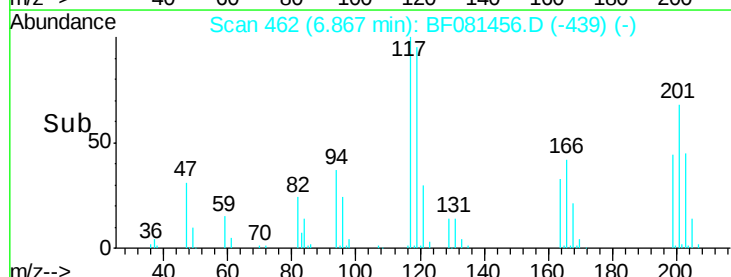


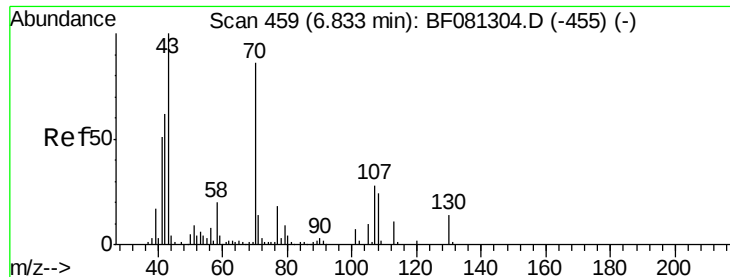
#18
 Hexachloroethane
 Concen: 39.46 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:	117	Resp:	74902
Ion	Ratio	Lower	Upper
117	100		
119	94.9	83.8	125.6
201	67.8	55.1	82.7



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

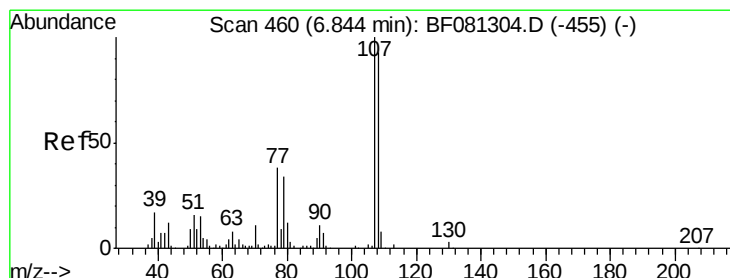
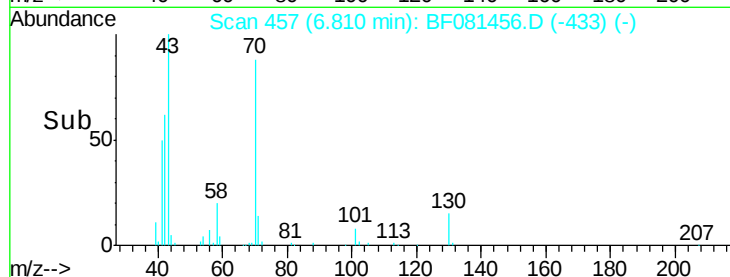
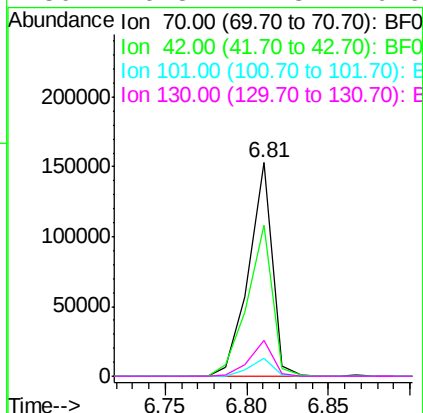
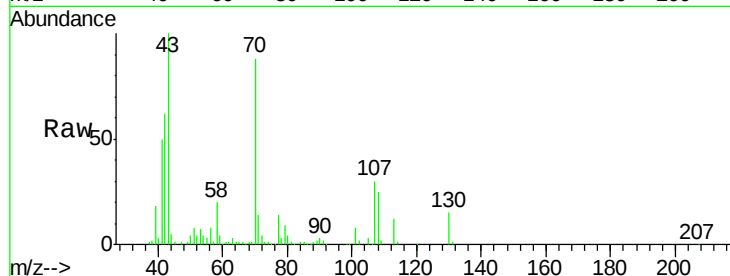




#19
n-Nitroso-di-n-propylamine
Concen: 42.11 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

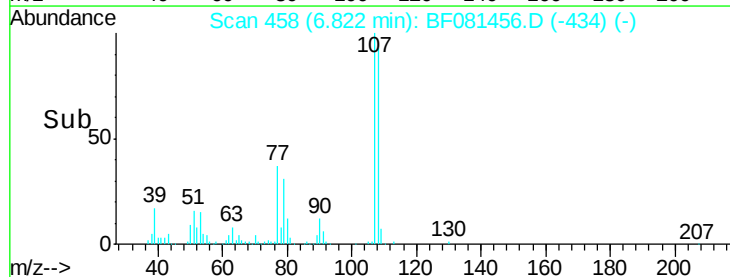
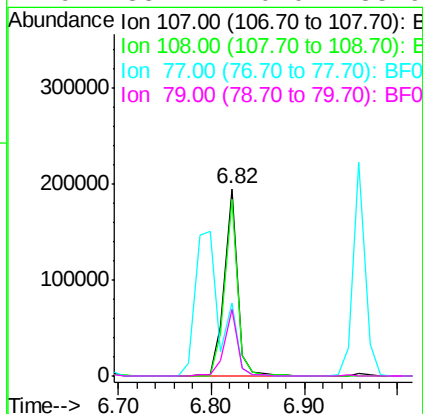
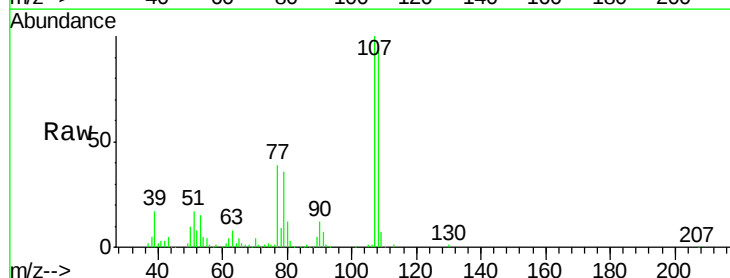
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 154379
Ion Ratio Lower Upper
70 100
42 70.8 63.8 95.6
101 8.7 9.2 13.8#
130 16.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion: 107 Resp: 192579
Ion Ratio Lower Upper
107 100
108 94.6 74.6 114.6
77 39.3 0.7 40.7
79 35.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081456.D

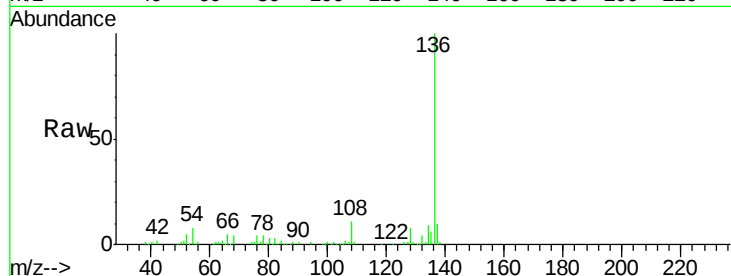
Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	249555
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.0 13.6
54	8.4	8.2 12.2
68	4.1	5.8 8.6#

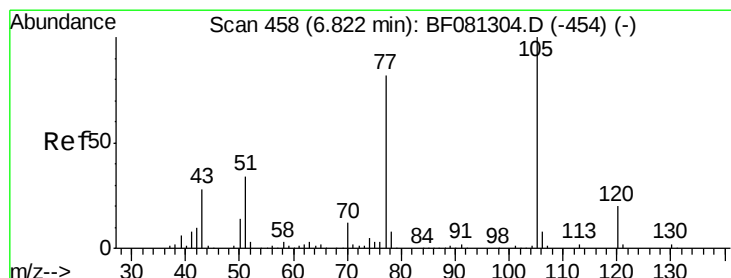
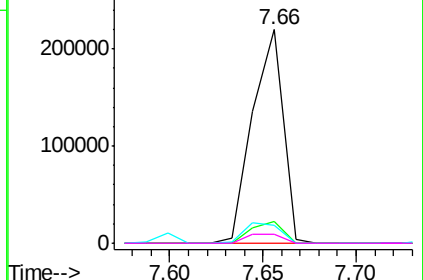
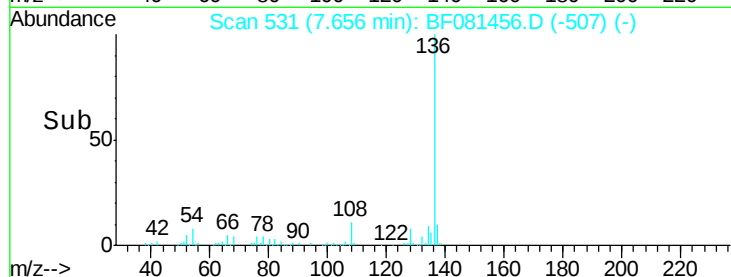


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.55 ng

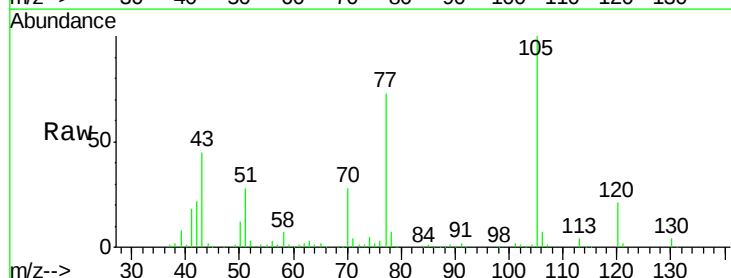
RT: 6.80 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Tgt Ion:105	Resp:	269605
Ion Ratio	Lower	Upper
105	100	
71	4.4	4.7 7.1#
51	27.9	22.0 33.0
120	21.0	30.1 45.1#

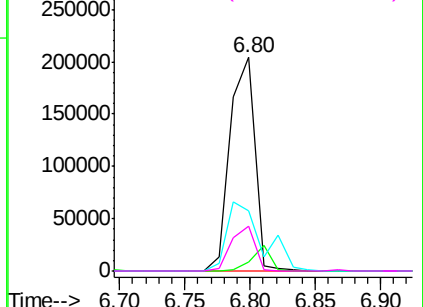
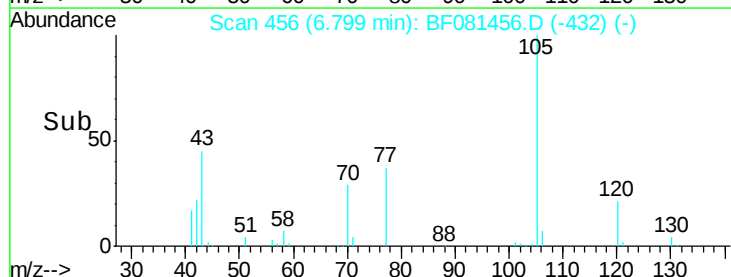


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

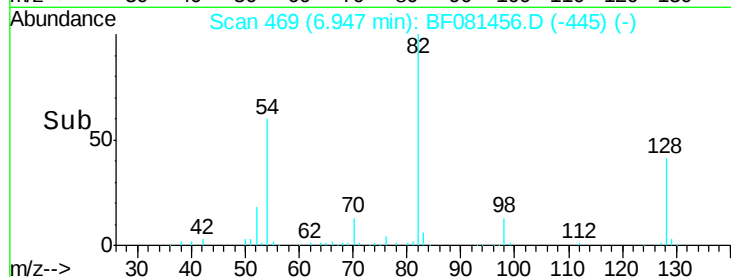
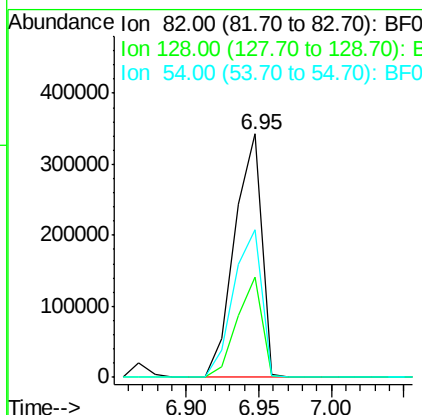
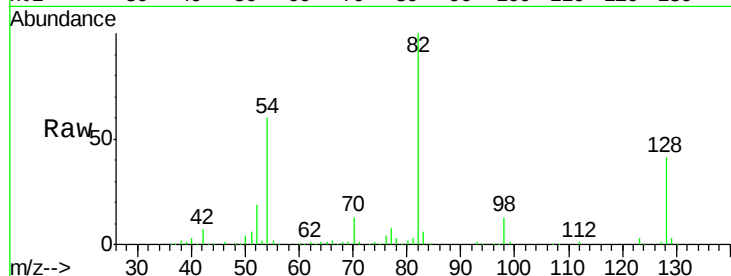




#23
 Nitrobenzene-d5
 Concen: 85.80 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

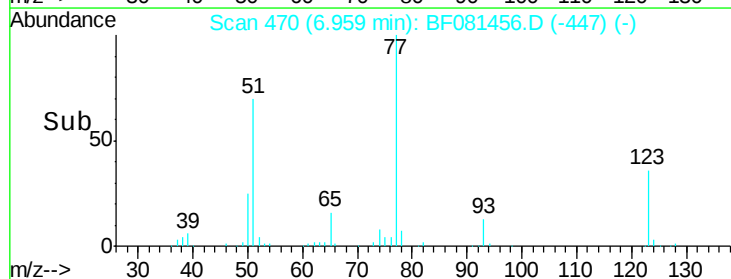
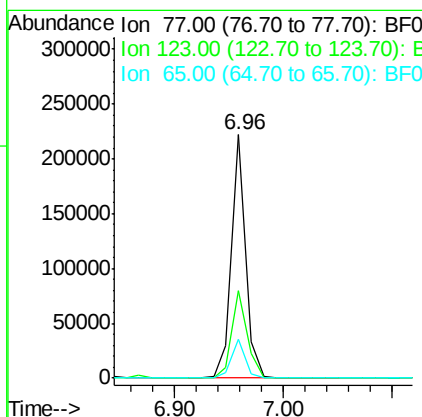
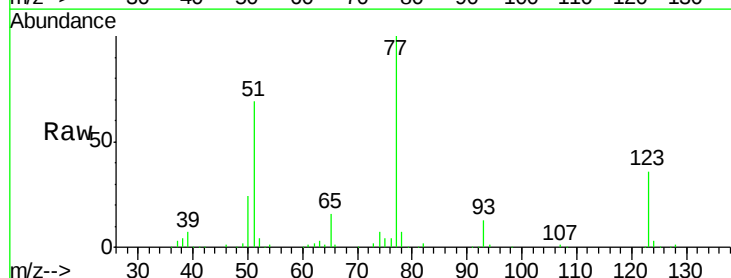
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 443775
 Ion Ratio Lower Upper
 82 100
 128 41.2 51.0 76.6#
 54 60.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 36.93 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion: 77 Resp: 198389
 Ion Ratio Lower Upper
 77 100
 123 36.1 59.8 89.8#
 65 15.8 10.2 15.4#





#25

Isophorone

Concen: 40.25 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

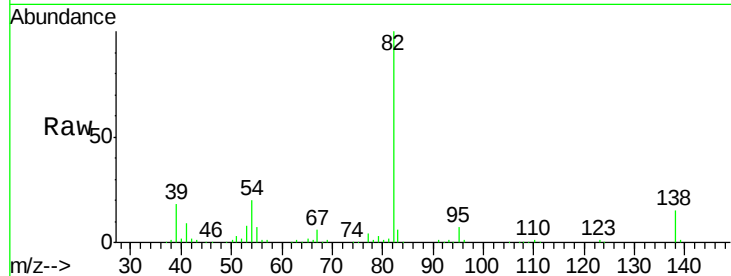
Tot Ion: 82 Resp: 387241

Ion Ratio Lower Upper

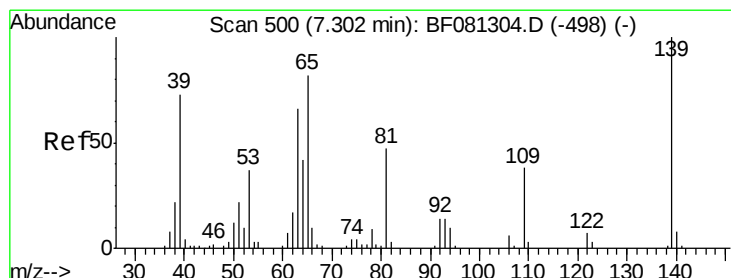
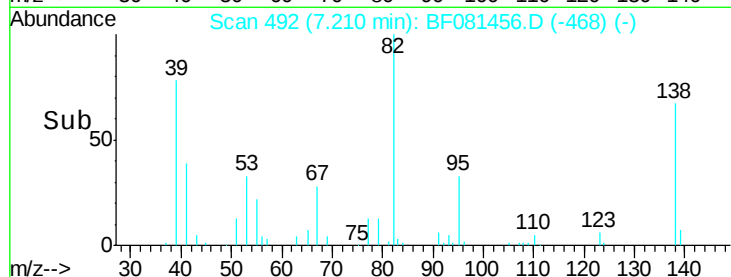
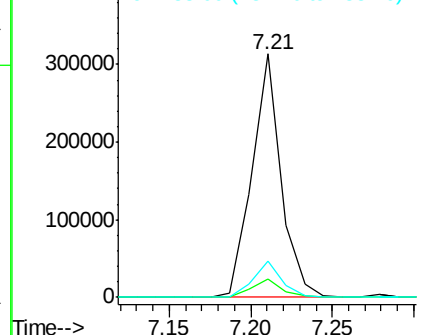
82 100

95 7.4 4.0 6.0#

138 14.8 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 41.67 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

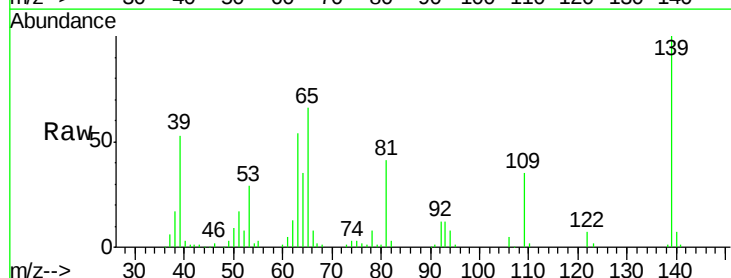
Tgt Ion: 139 Resp: 97551

Ion Ratio Lower Upper

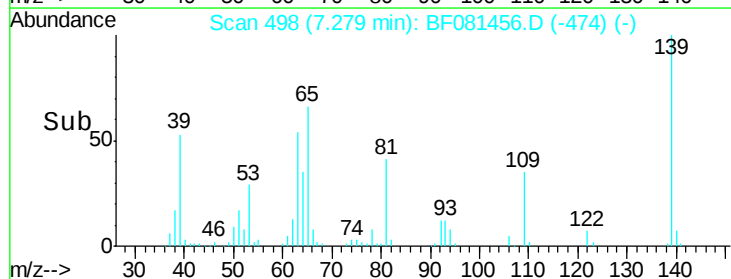
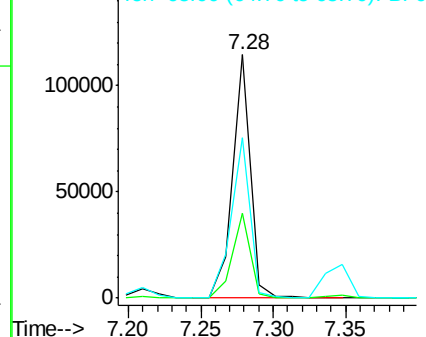
139 100

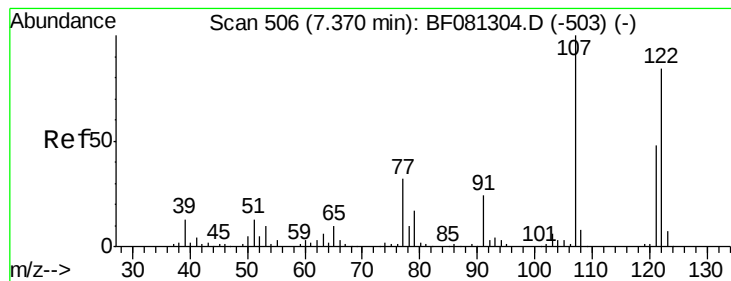
109 34.8 11.0 16.4#

65 65.8 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 42.73 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

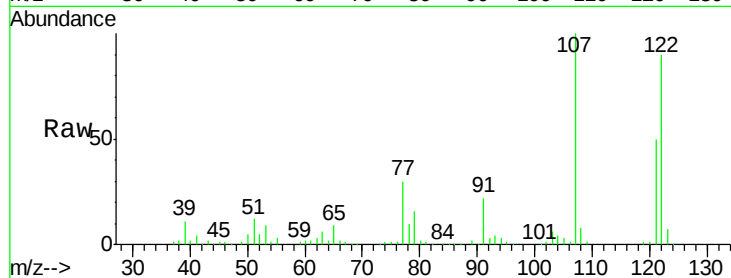
Tot Ion:122 Resp: 172791

Ion Ratio Lower Upper

122 100

107 110.9 71.8 107.6#

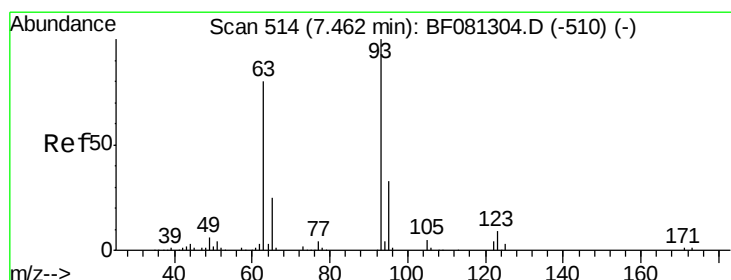
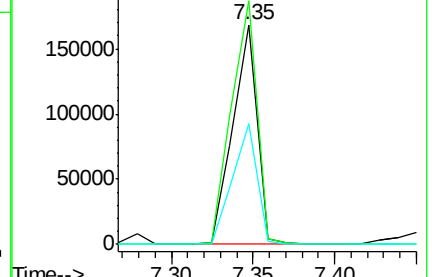
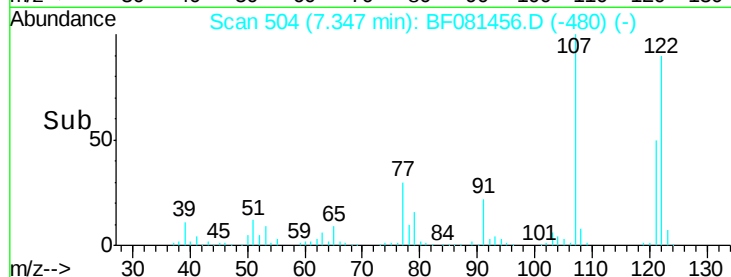
121 55.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.15 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

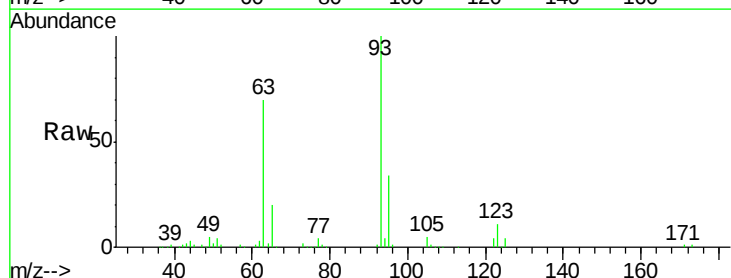
Tgt Ion: 93 Resp: 217538

Ion Ratio Lower Upper

93 100

95 33.5 27.5 41.3

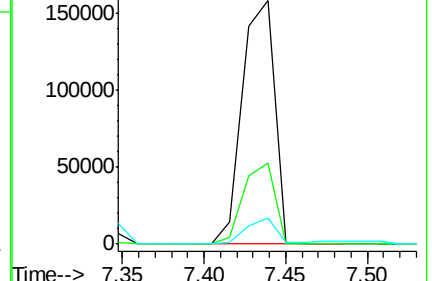
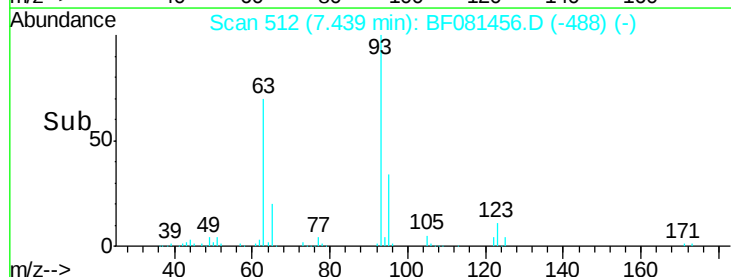
123 10.8 13.7 20.5#

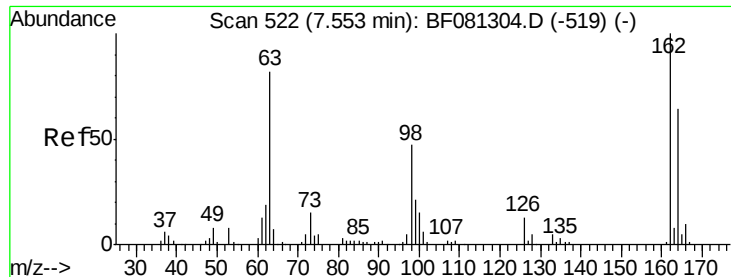


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

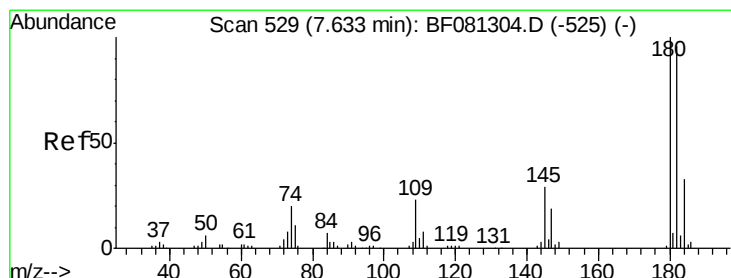
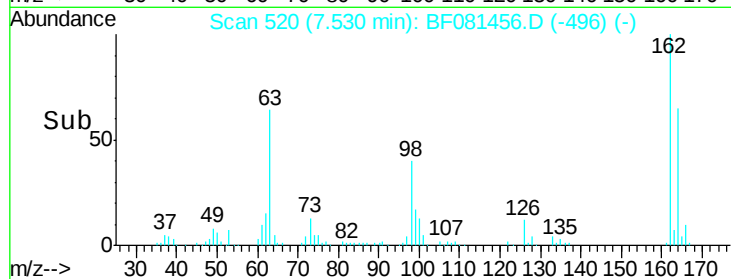
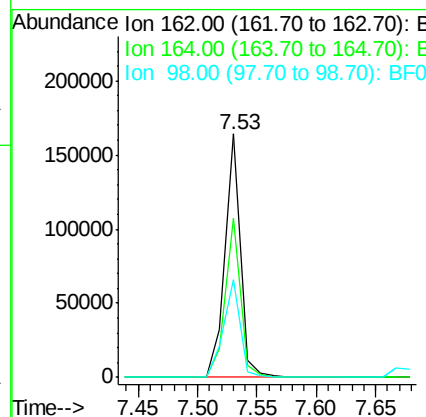
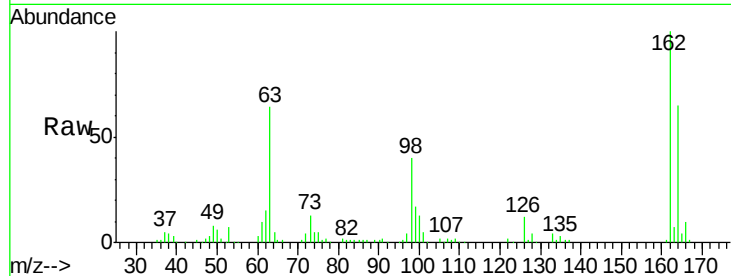




#29
 2,4-Dichlorophenol
 Concen: 41.69 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

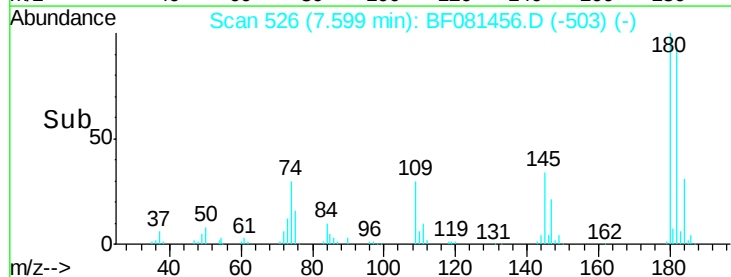
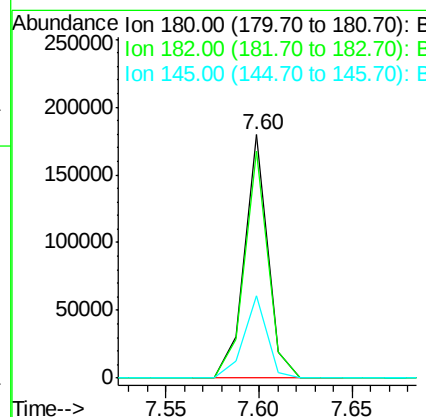
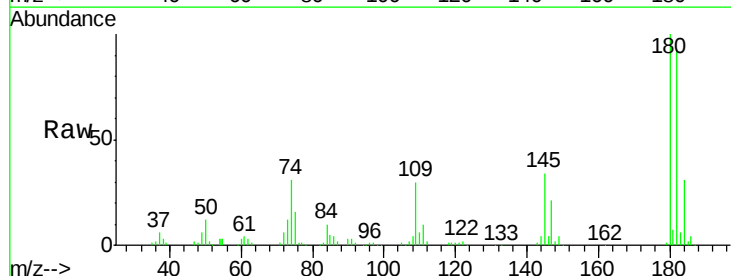
Instrument :
 BNA_F
 ClientSampleId :

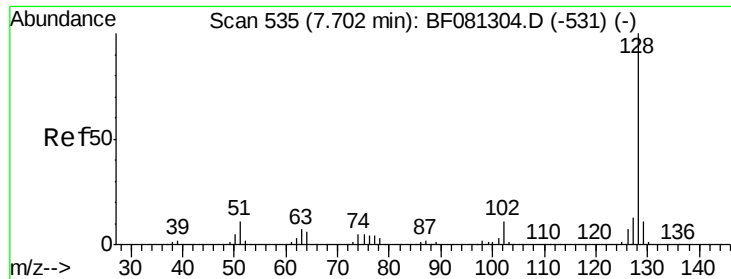
Tot Ion:162 Resp: 146173
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.9 84.9
 98 40.0 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.27 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:180 Resp: 157228
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.1 115.7
 145 33.7 23.3 34.9

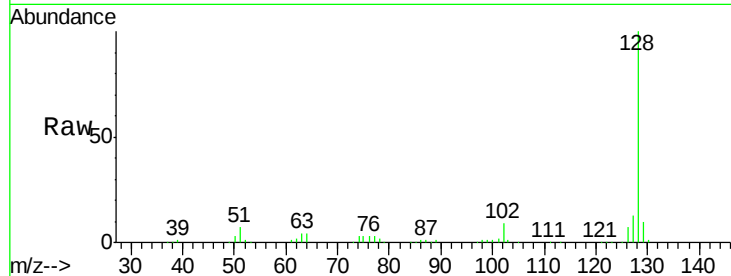




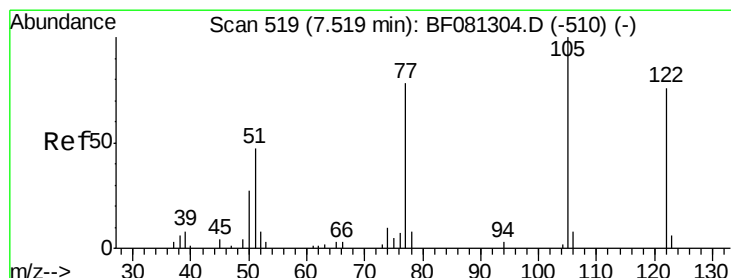
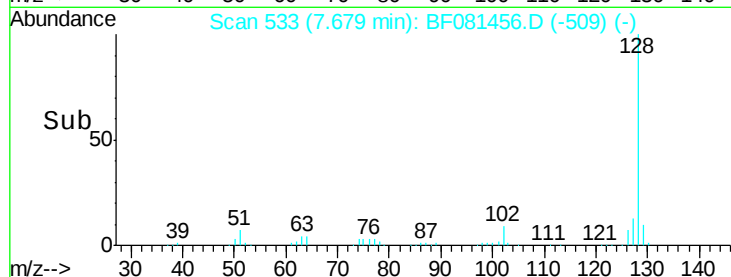
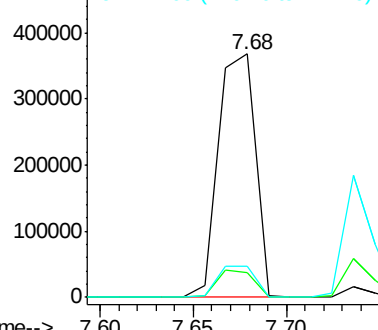
#31
Naphthalene
Concen: 37.97 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 505294
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.6 9.9 14.9

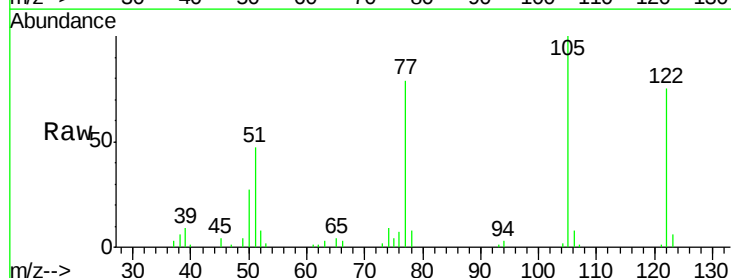


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

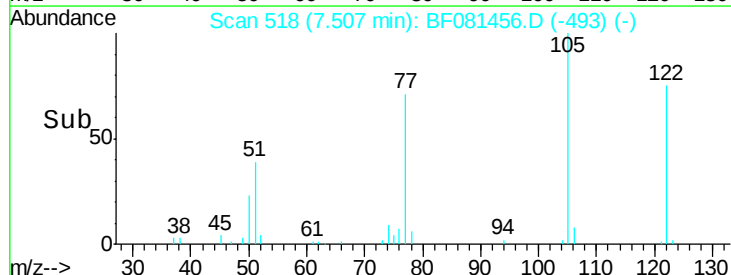
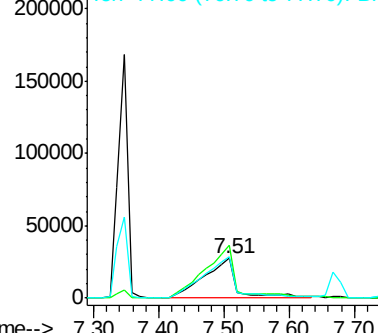


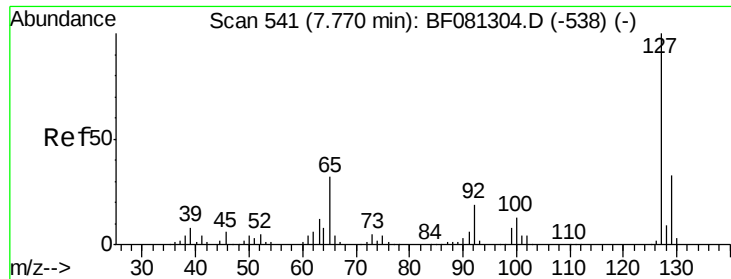
#32
Benzoic acid
Concen: 32.14 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion:122 Resp: 90238
Ion Ratio Lower Upper
122 100
105 133.9 76.1 116.1#
77 105.5 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

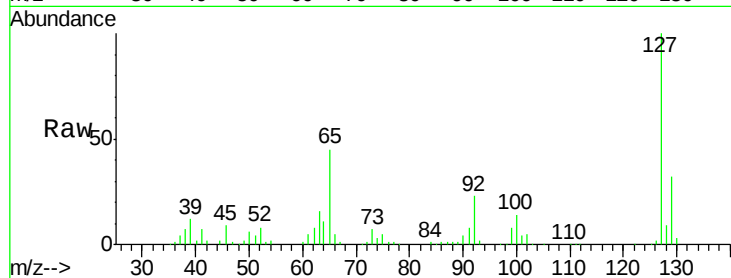




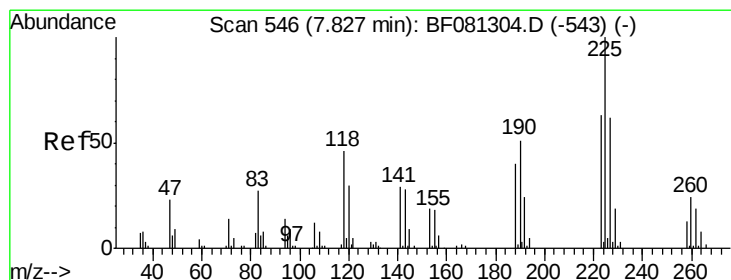
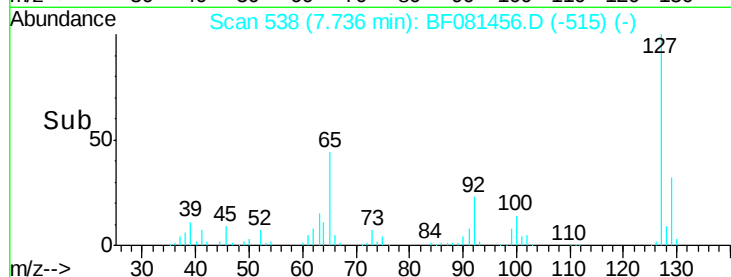
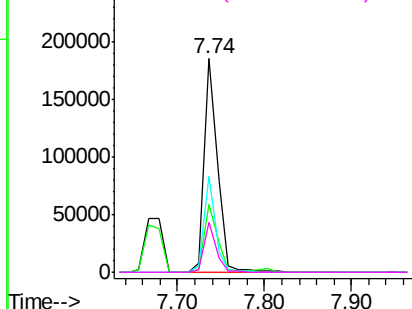
#33
4-Chloroaniline
Concen: 36.33 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	197229
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	44.8	17.9	26.9#
92	23.5	10.5	15.7#

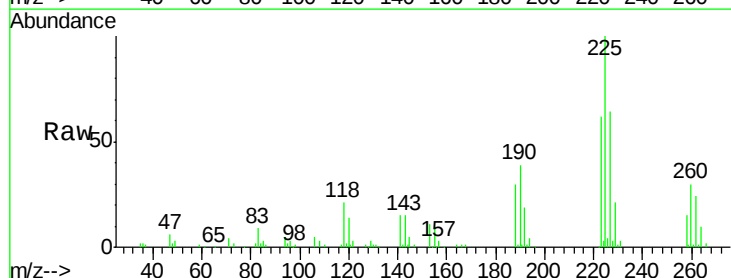


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

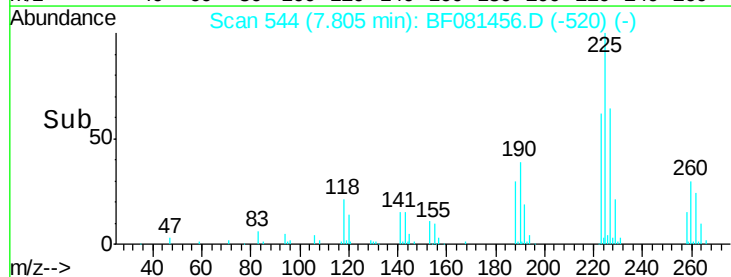
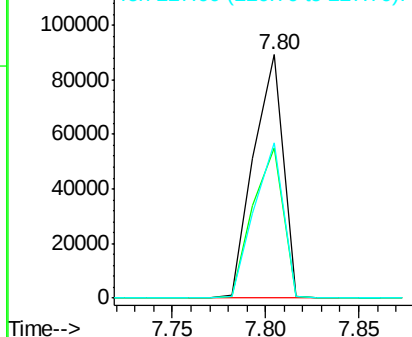


#34
Hexachlorobutadiene
Concen: 42.18 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion:	225	Resp:	97777
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	63.9	52.2	78.2



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





#35

Caprolactam

Concen: 42.72 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

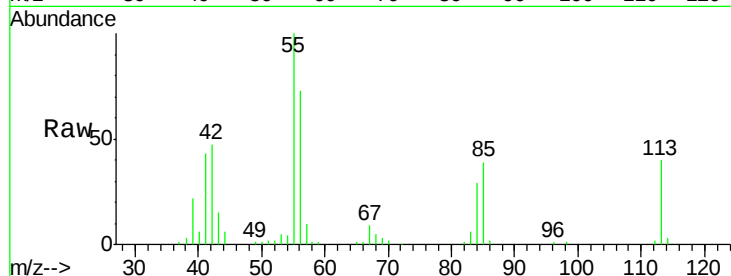
Tot Ion:113 Resp: 45946

Ion Ratio Lower Upper

113 100

55 247.9 152.4 192.4#

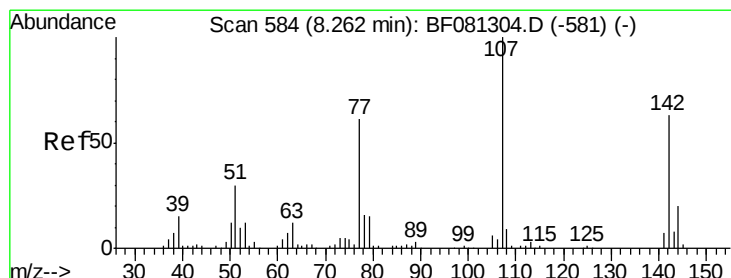
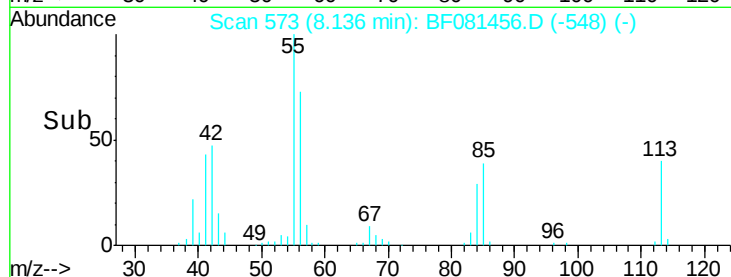
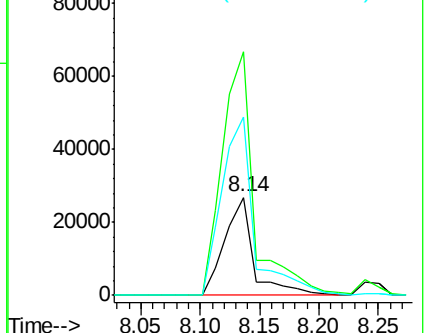
56 181.3 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.13 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

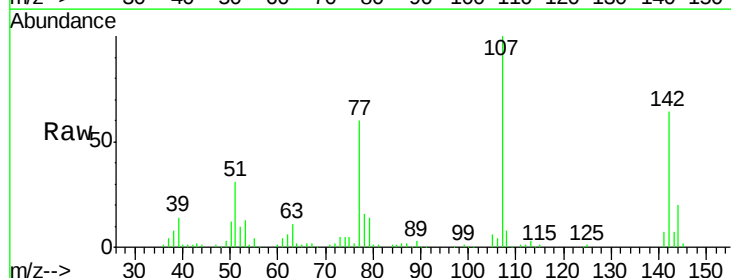
Tgt Ion:107 Resp: 157499

Ion Ratio Lower Upper

107 100

144 19.5 25.4 38.0#

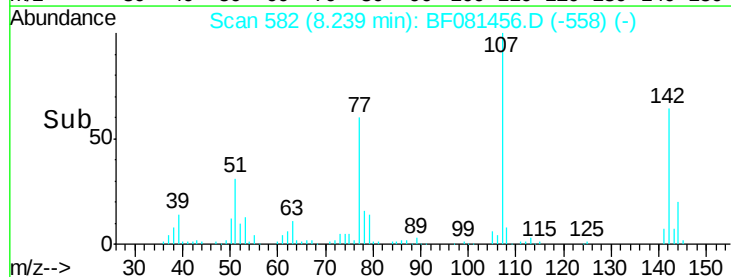
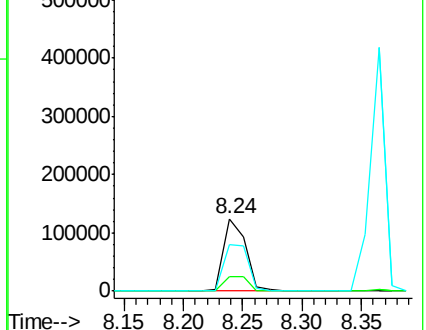
142 63.8 77.3 115.9#

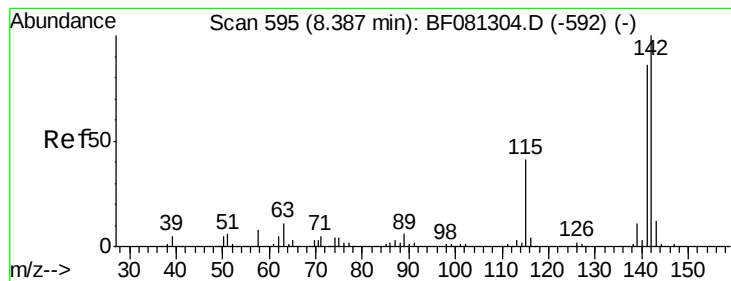


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.85 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

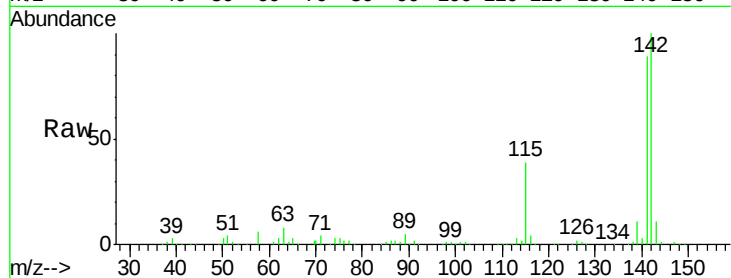
Tot Ion:142 Resp: 362435

Ion Ratio Lower Upper

142 100

141 88.8 67.5 101.3

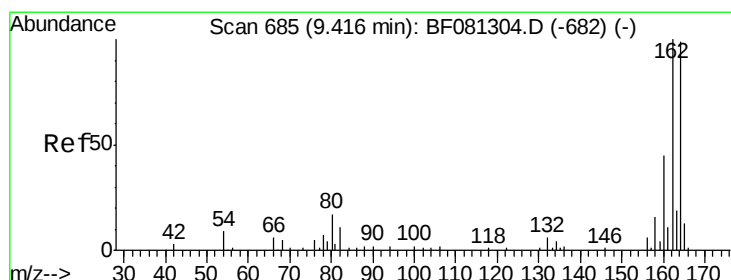
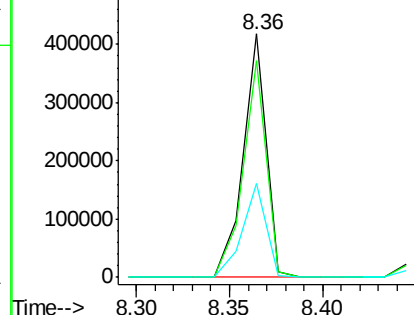
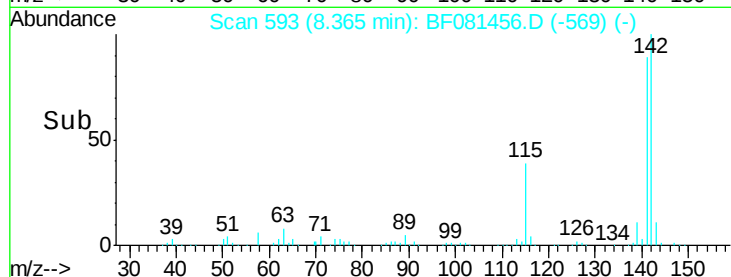
115 38.7 18.2 27.2#



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: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

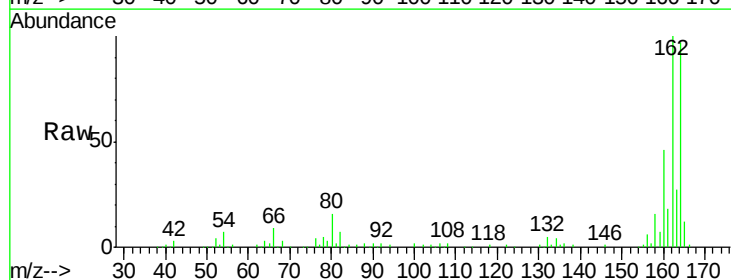
Tgt Ion:164 Resp: 119557

Ion Ratio Lower Upper

164 100

162 103.4 75.2 112.8

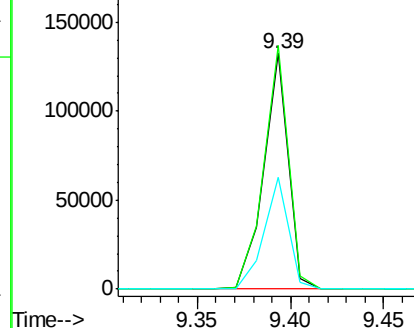
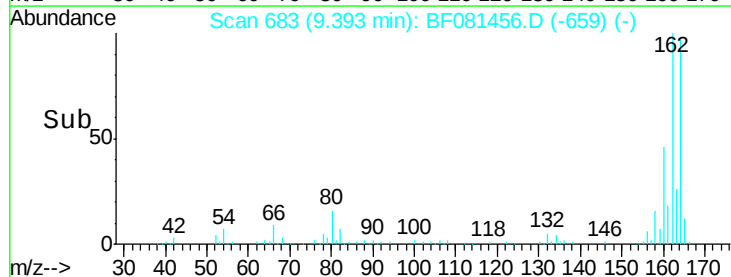
160 47.3 31.5 47.3

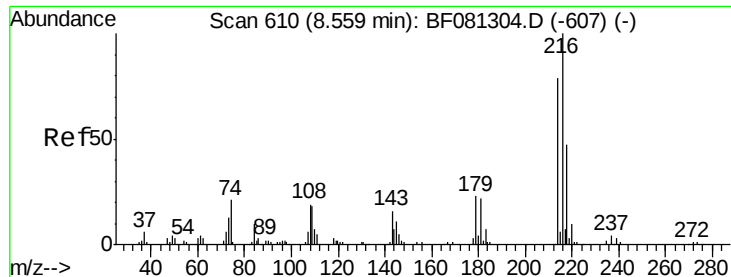


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.62 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 138455

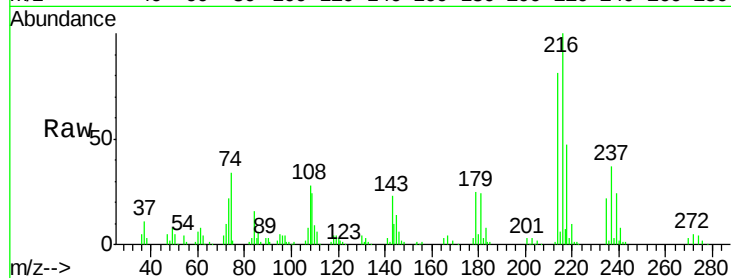
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 21.5 16.6 24.8

108 20.2 16.3 24.5

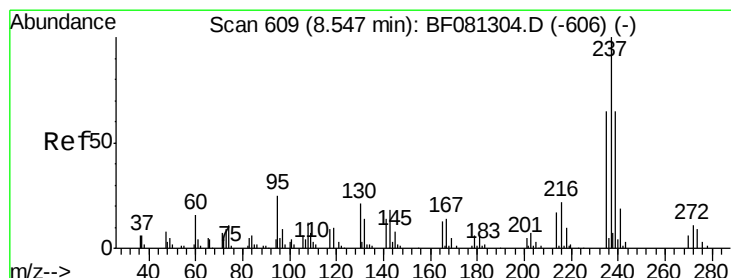
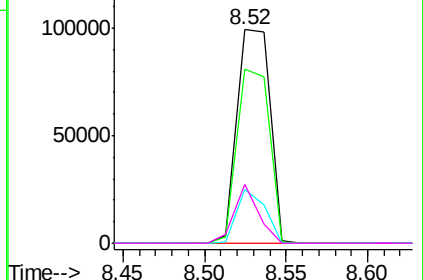
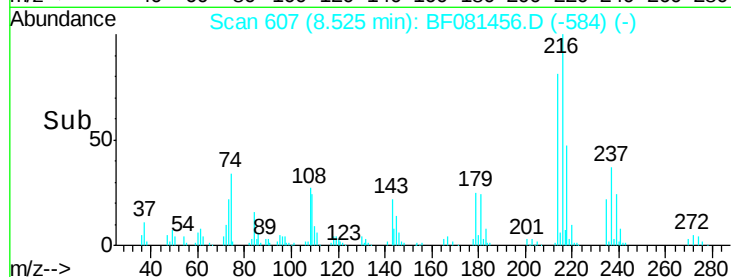


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 34.68 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

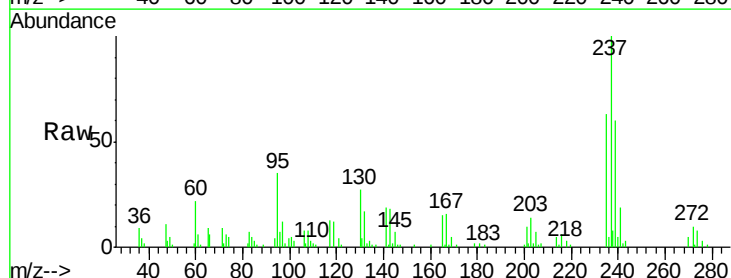
Tgt Ion:237 Resp: 64349

Ion Ratio Lower Upper

237 100

235 62.7 42.0 82.0

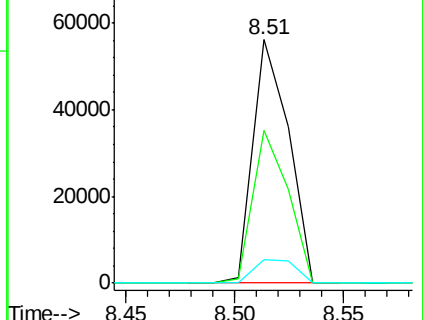
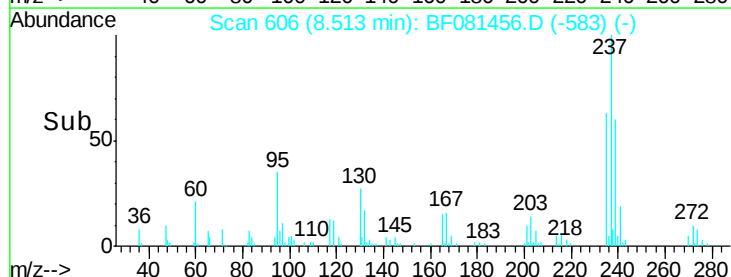
272 9.6 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

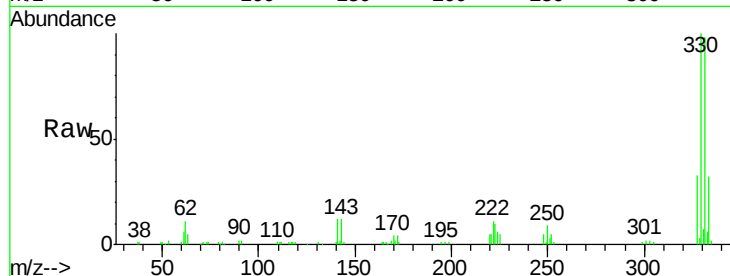




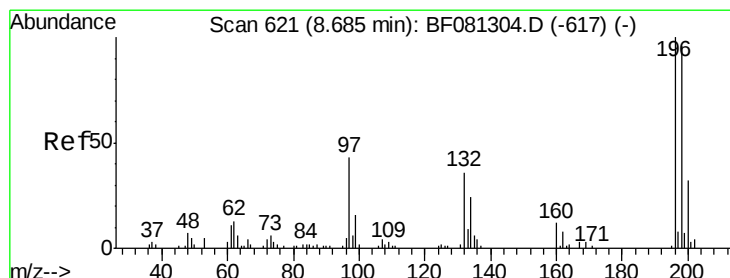
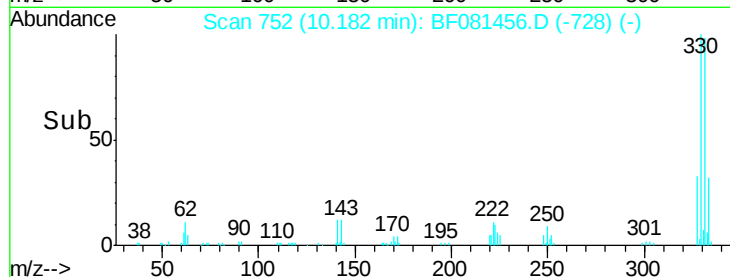
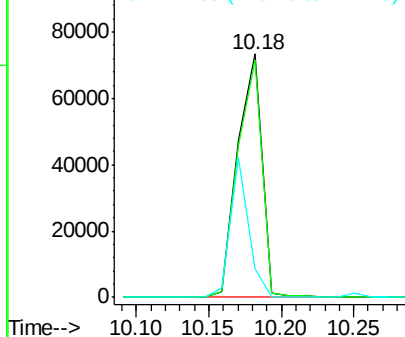
#41
 2,4,6-Tribromophenol
 Concen: 80.30 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 85480
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 43.0 29.7 44.5

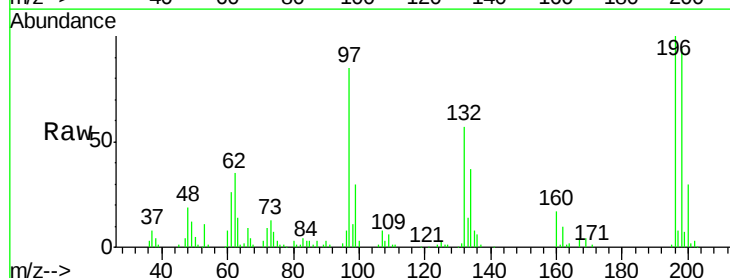


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

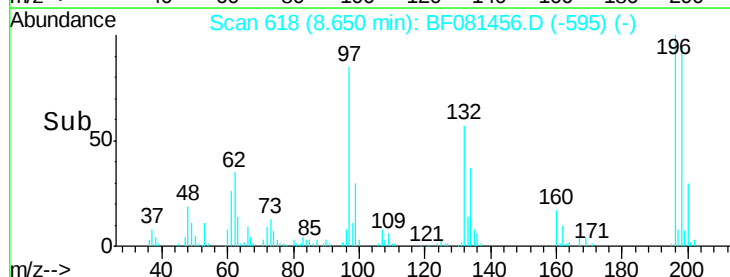
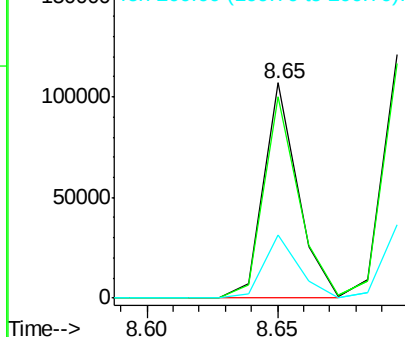


#42
 2,4,6-Trichlorophenol
 Concen: 36.98 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:196 Resp: 96505
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.6 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

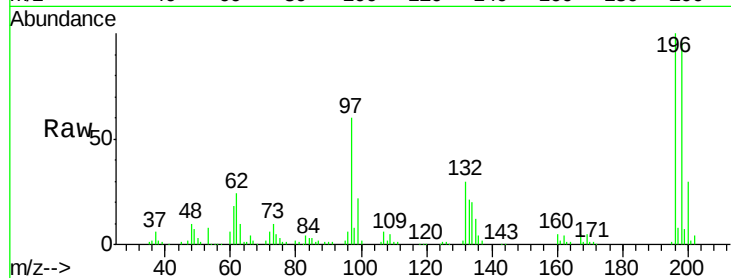




#43
 2,4,5-Trichlorophenol
 Concen: 40.00 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.4	113.0
97	59.8	33.3	49.9
132	30.0	24.6	37.0



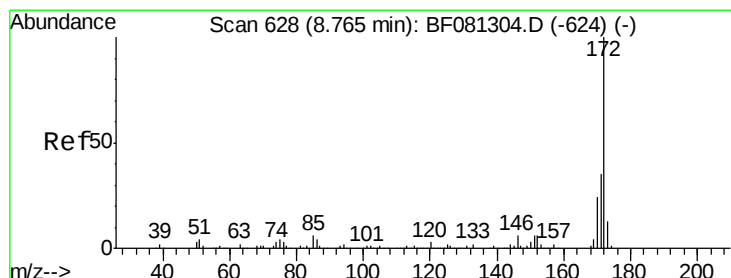
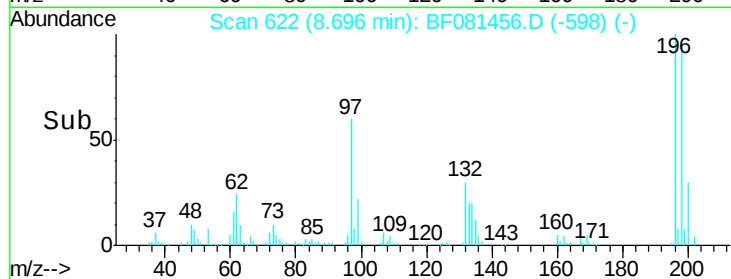
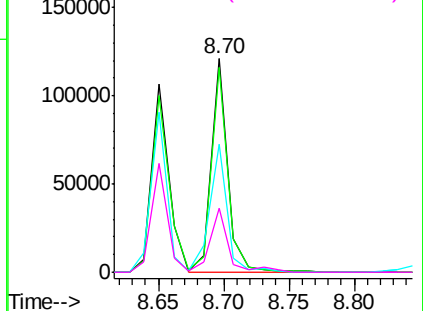
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

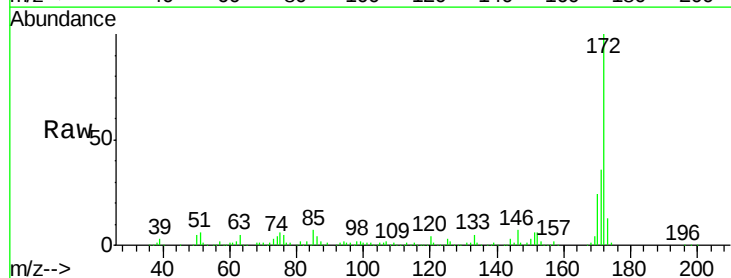
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.93 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.1	17.4	26.2

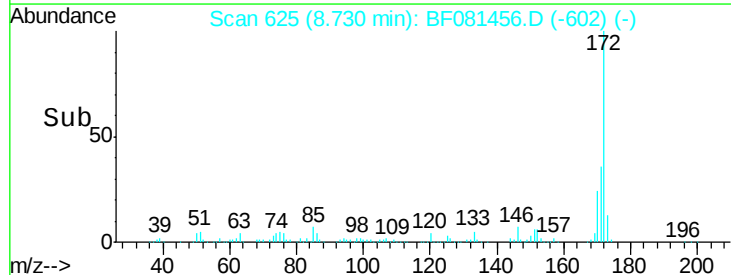
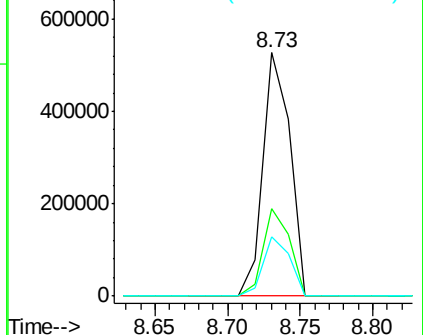


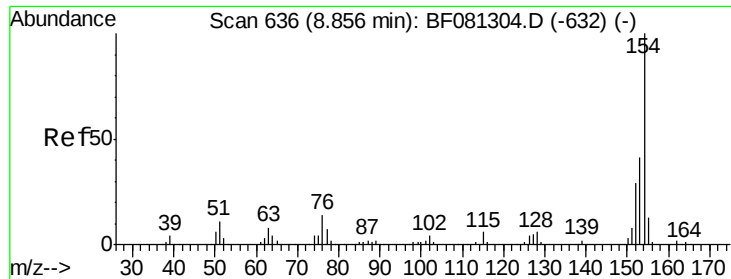
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

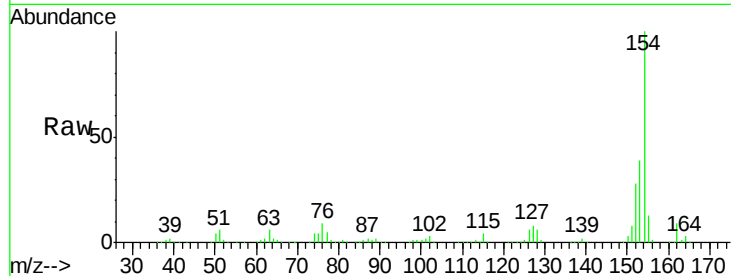




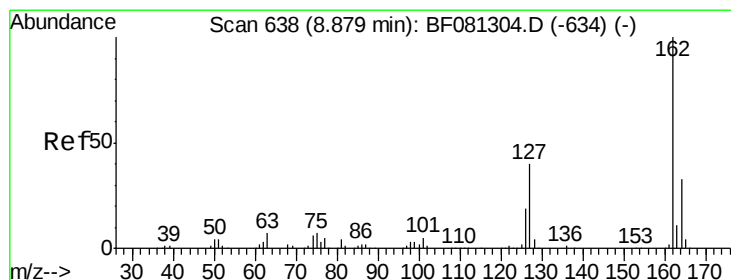
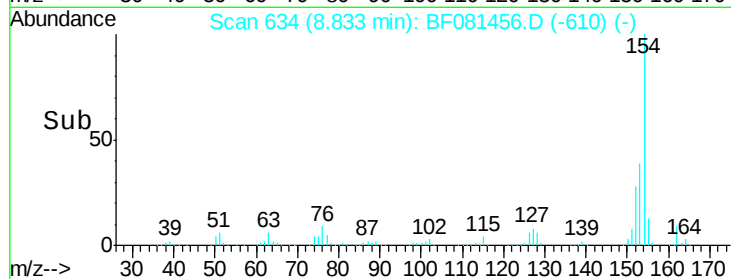
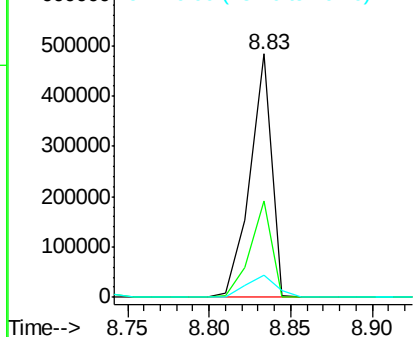
#45
 1,1'-Biphenyl
 Concen: 40.40 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 444343
 Ion Ratio Lower Upper
 154 100
 153 39.4 17.1 57.1
 76 9.2 0.0 31.6

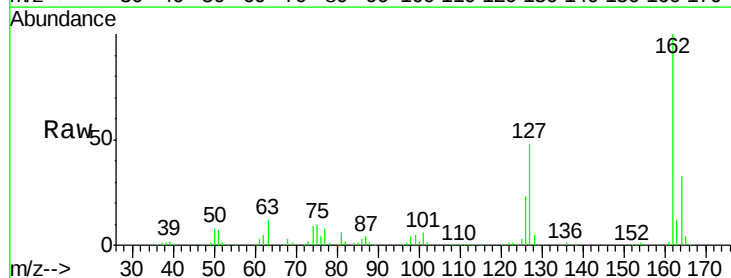


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

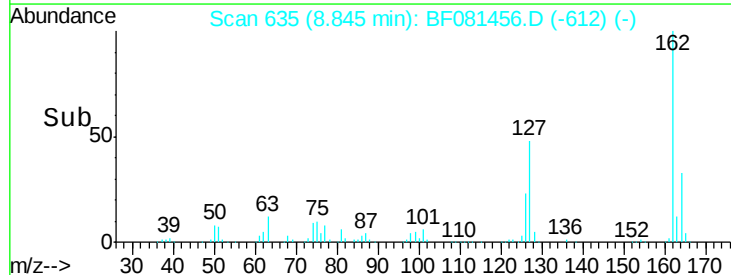
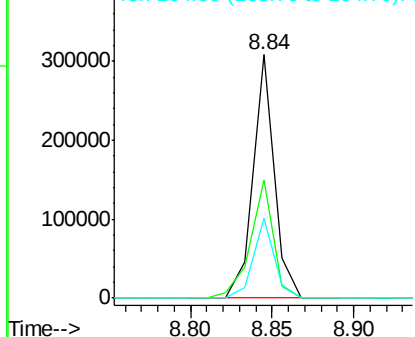


#46
 2-Chloronaphthalene
 Concen: 35.07 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:162 Resp: 278565
 Ion Ratio Lower Upper
 162 100
 127 48.5 27.6 41.4#
 164 33.0 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.29 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

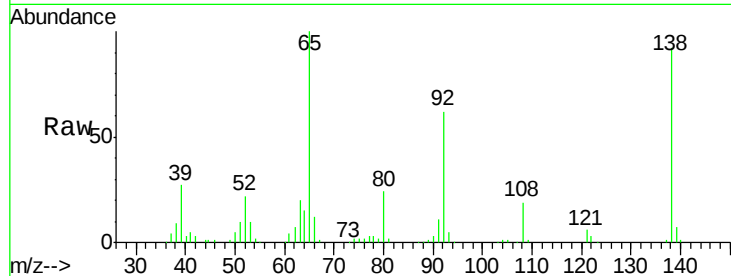
Tot Ion: 65 Resp: 140146

Ion Ratio Lower Upper

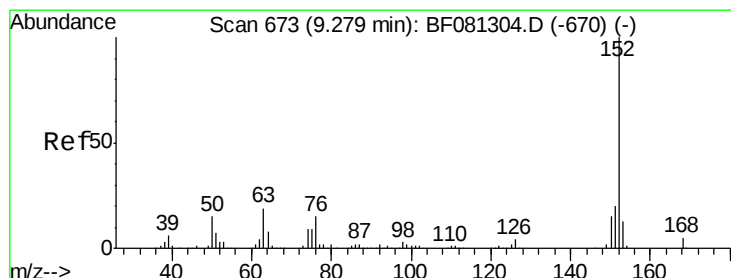
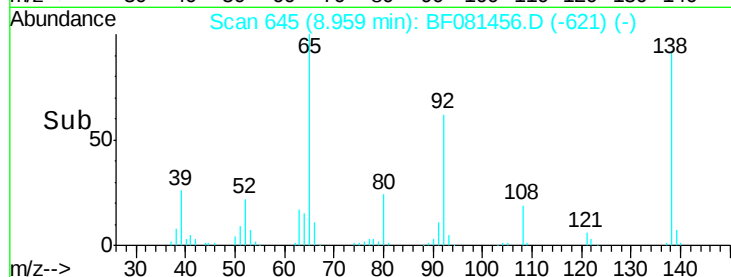
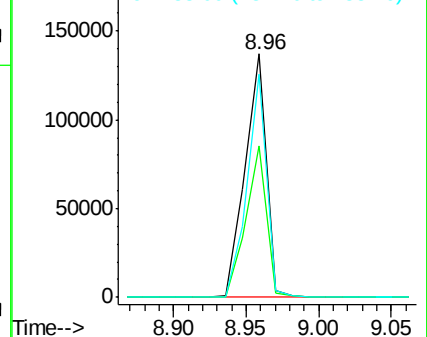
65 100

92 62.1 55.4 83.0

138 91.7 115.5 173.3#



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): E



#48

Acenaphthylene

Concen: 39.20 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

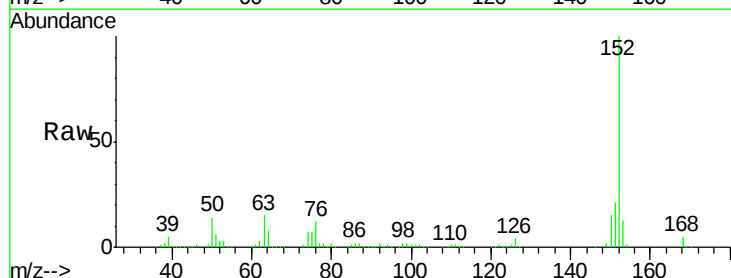
Tgt Ion: 152 Resp: 552385

Ion Ratio Lower Upper

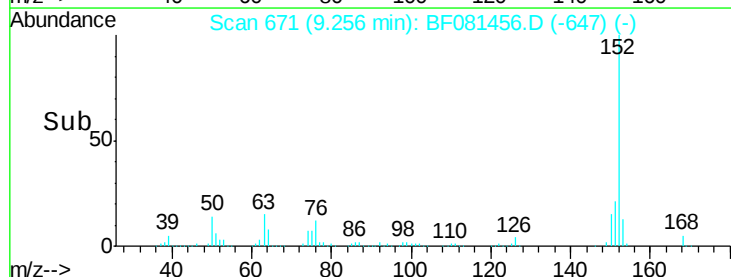
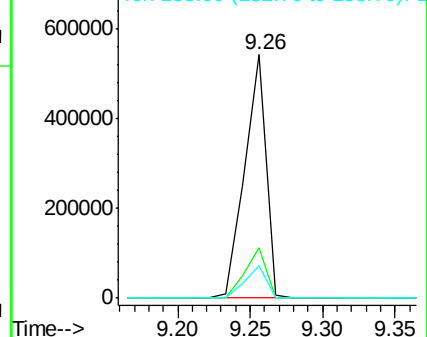
152 100

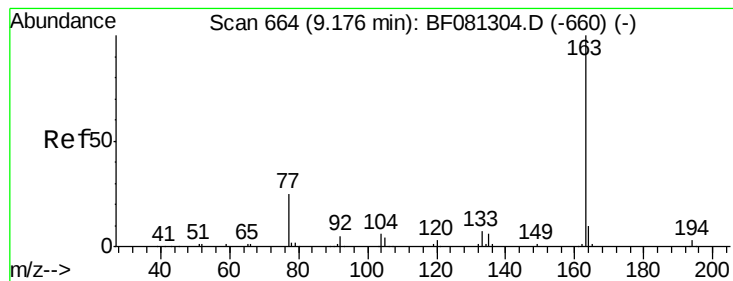
151 20.6 14.6 22.0

153 13.1 10.3 15.5



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: 40.59 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

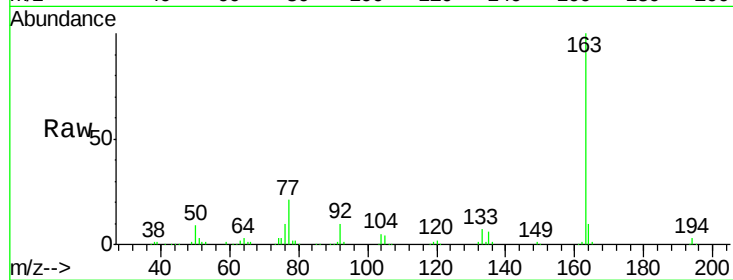
Tot Ion:163 Resp: 377066

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

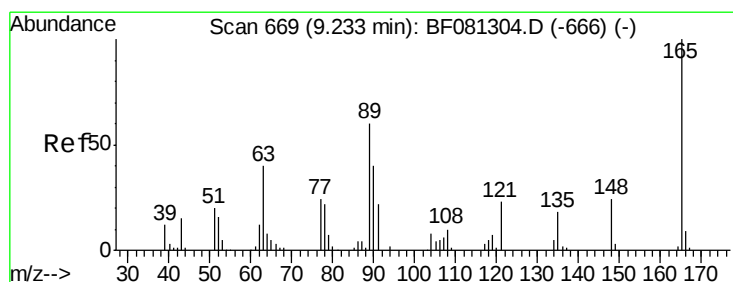
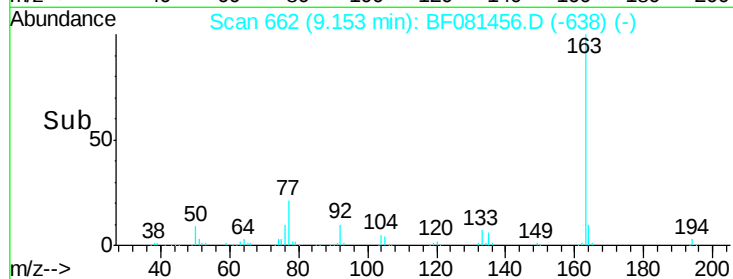
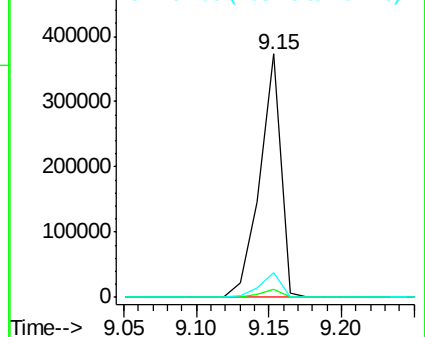
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.47 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

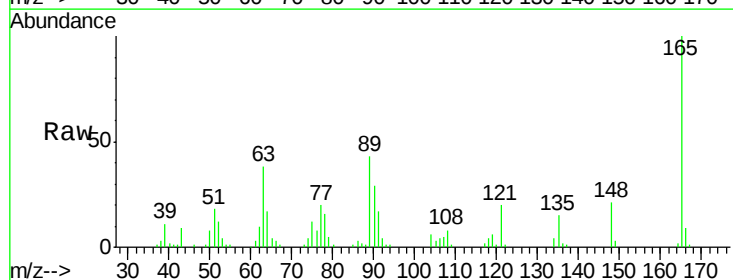
Tgt Ion:165 Resp: 78992

Ion Ratio Lower Upper

165 100

63 37.9 32.3 48.5

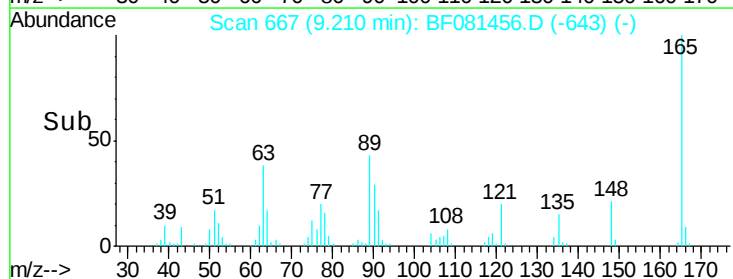
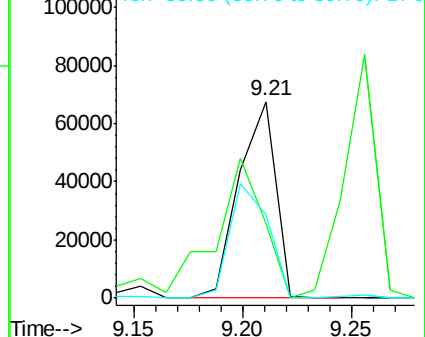
89 42.7 28.6 43.0

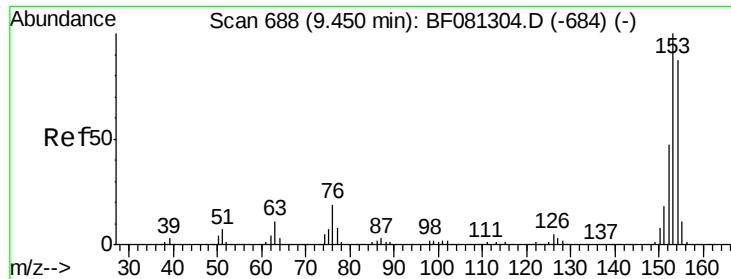


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.05 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

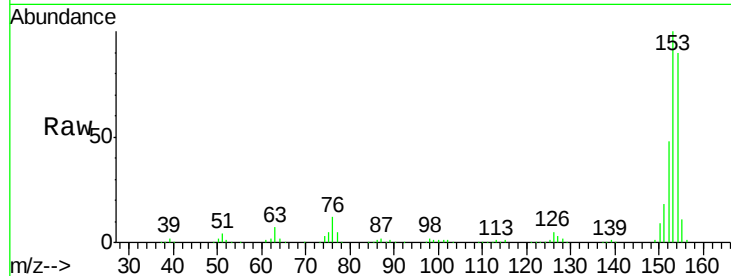
Tot Ion:154 Resp: 329114

Ion Ratio Lower Upper

154 100

153 111.0 82.1 123.1

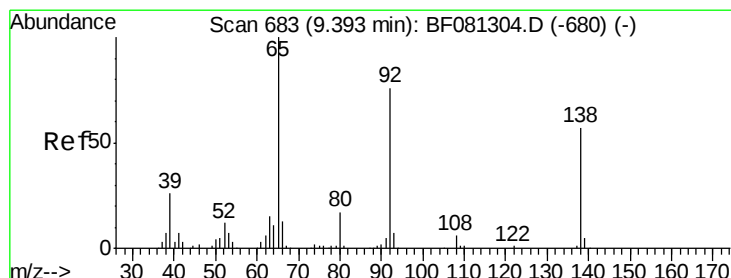
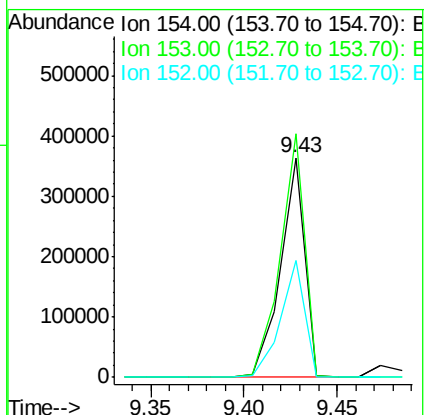
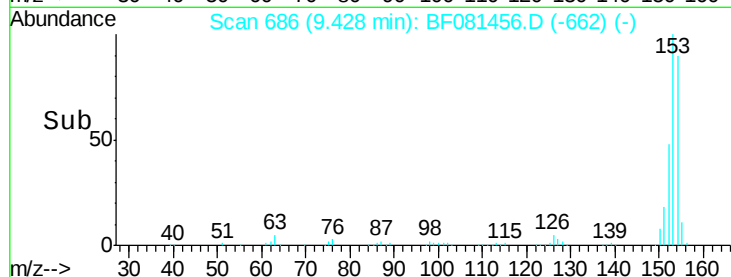
152 53.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.75 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

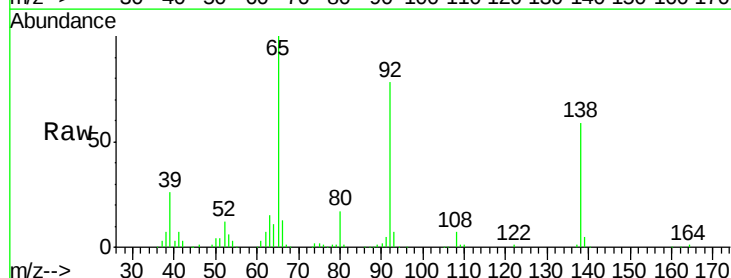
Tgt Ion:138 Resp: 95407

Ion Ratio Lower Upper

138 100

108 11.1 5.7 8.5#

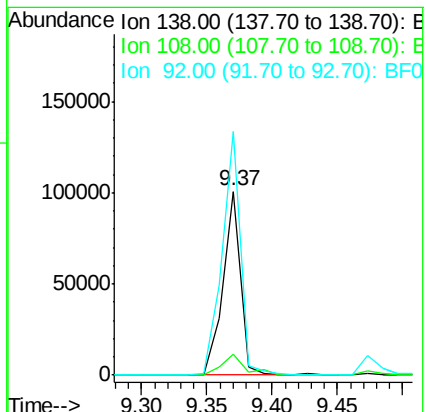
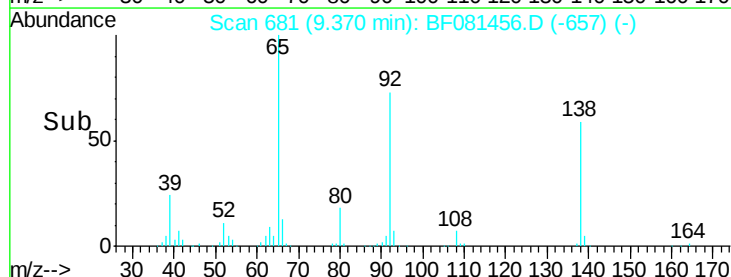
92 132.6 67.7 101.5#

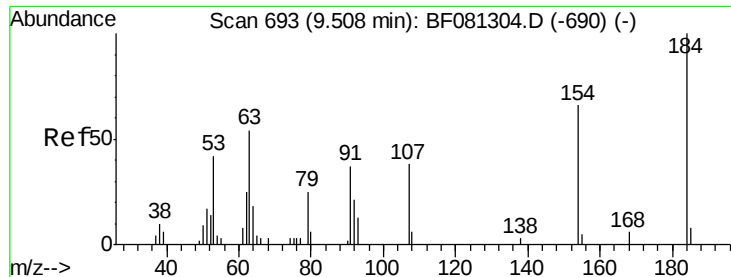


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

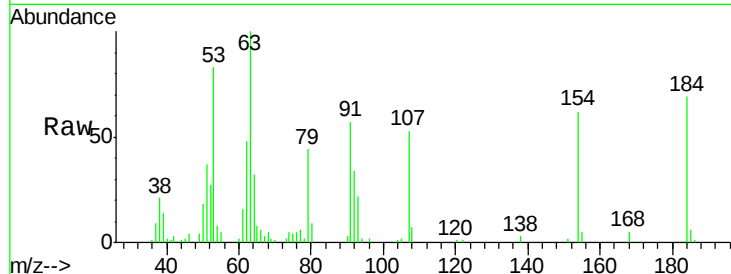




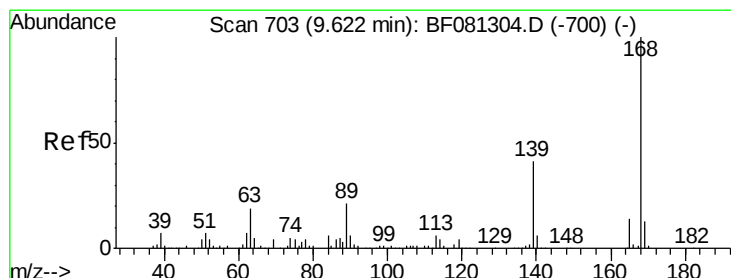
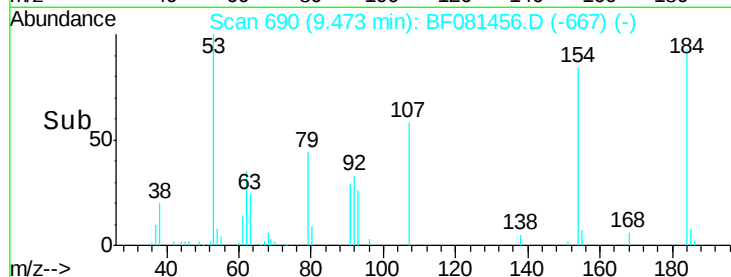
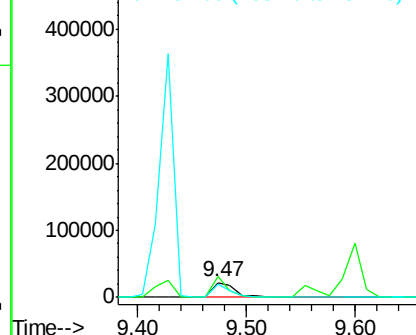
#53
 2,4-Dinitrophenol
 Concen: 37.40 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 33211
 Ion Ratio Lower Upper
 184 100
 63 144.7 35.4 53.2#
 154 90.0 32.2 48.4#

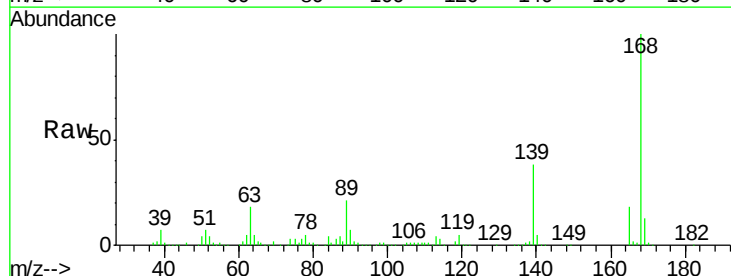


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

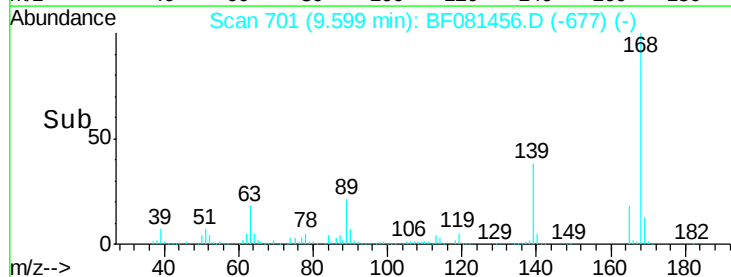
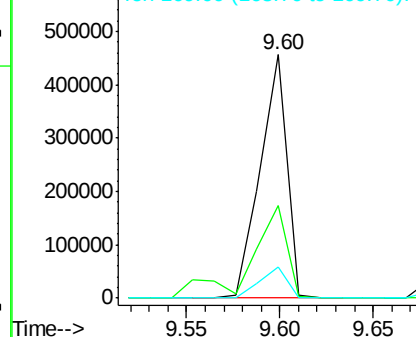


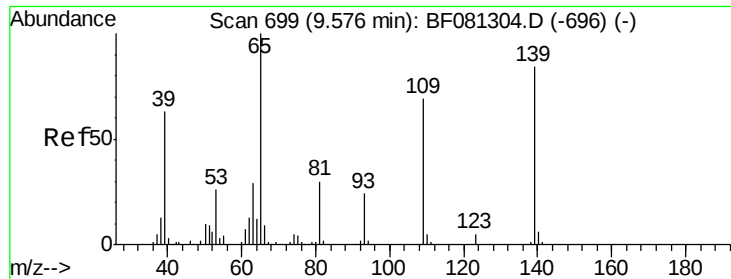
#54
 Dibenzofuran
 Concen: 39.07 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:168 Resp: 457343
 Ion Ratio Lower Upper
 168 100
 139 37.8 24.2 36.2#
 169 13.0 10.6 15.8



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

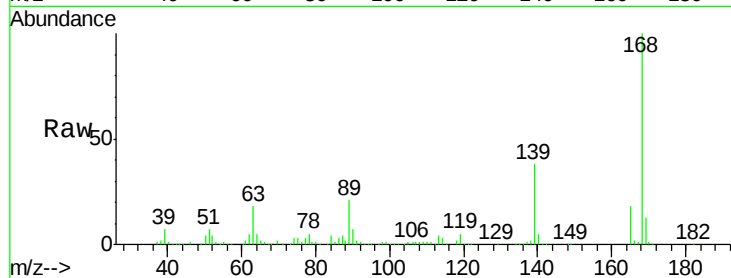




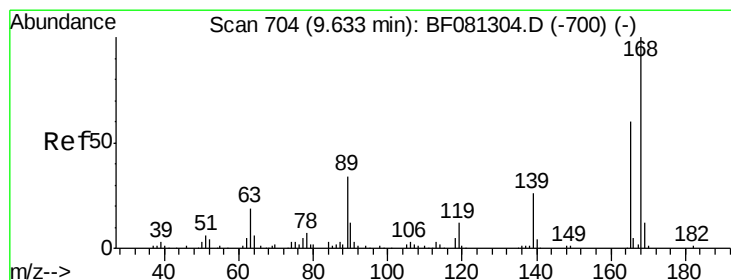
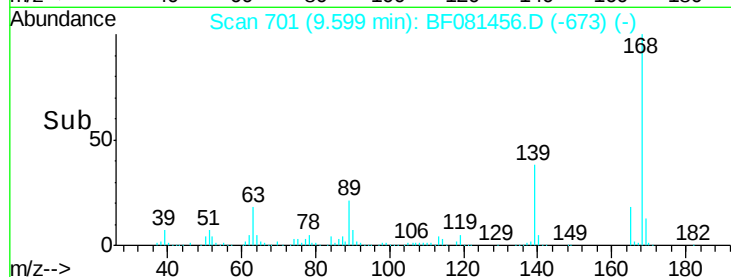
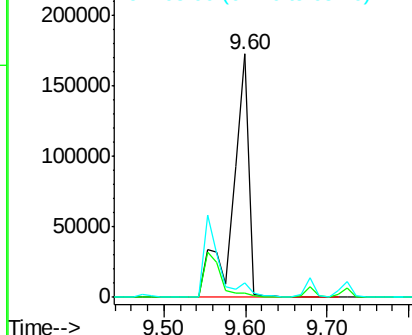
#55
4-Nitrophenol
Concen: 157.66 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 237732
Ion Ratio Lower Upper
139 100
109 1.6 12.7 52.7#
65 5.9 45.9 85.9#



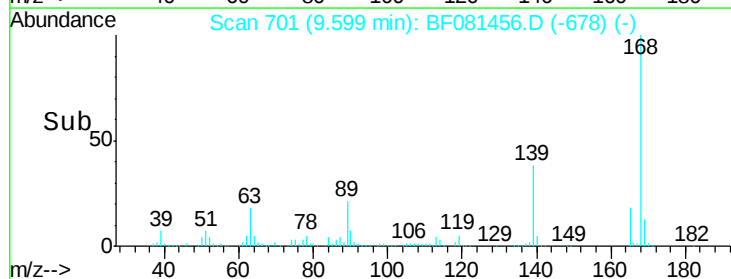
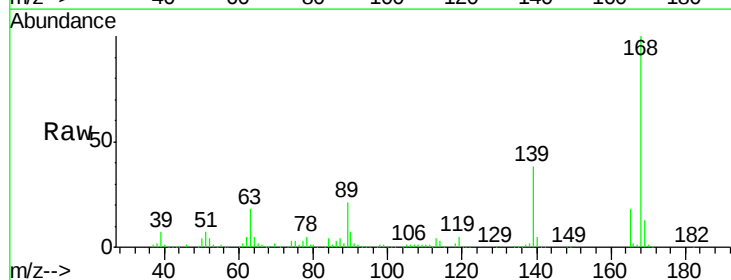
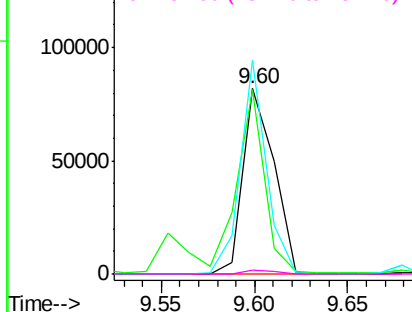
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 35.26 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion:165 Resp: 94645
Ion Ratio Lower Upper
165 100
63 99.1 29.8 44.6#
89 115.2 44.5 66.7#
182 2.0 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.44 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

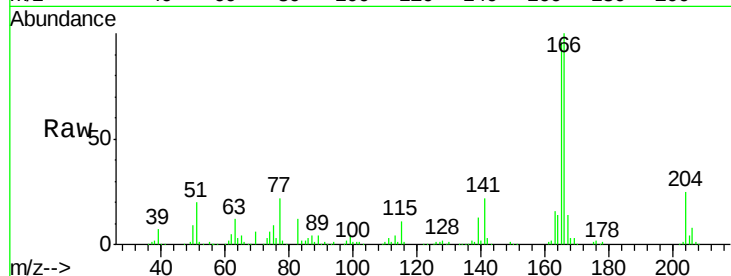
Tot Ion:166 Resp: 314830

Ion Ratio Lower Upper

166 100

165 95.6 72.6 109.0

167 14.1 10.6 16.0

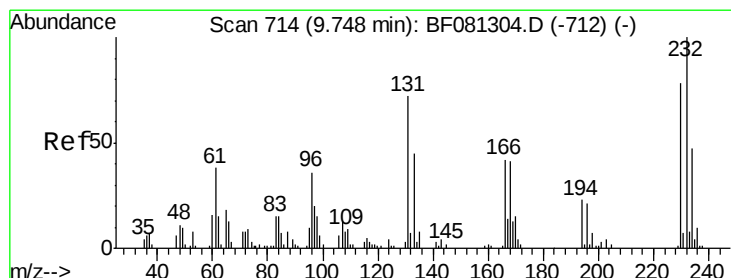
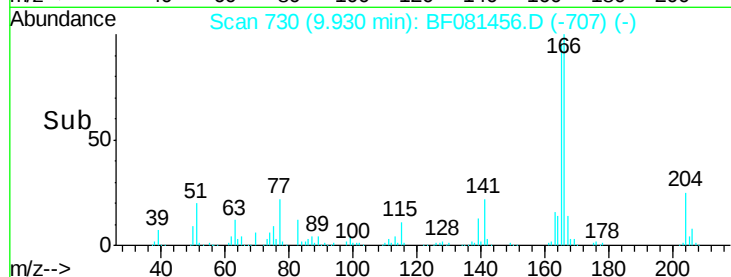
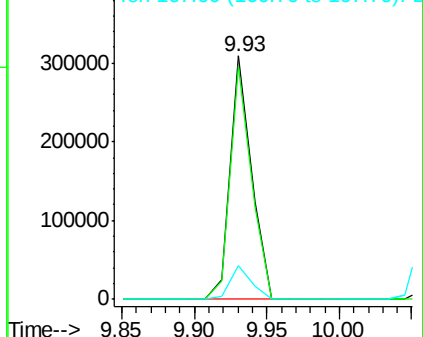


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.93 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Tgt Ion:232 Resp: 85226

Ion Ratio Lower Upper

232 100

131 56.0 38.5 57.7

130 2.6 1.8 2.6

166 34.0 25.0 37.6

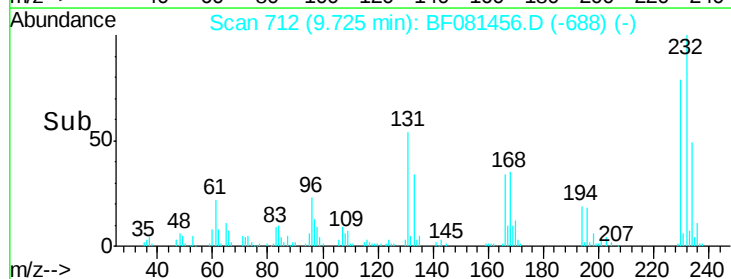
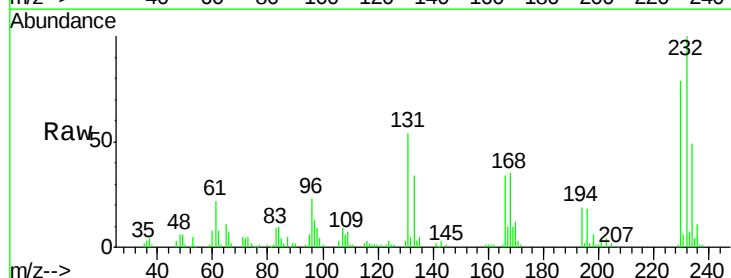
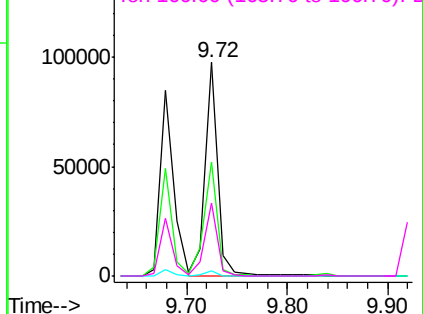
Abundance

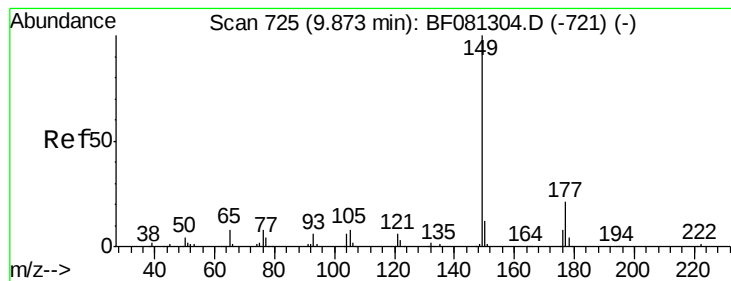
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.73 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

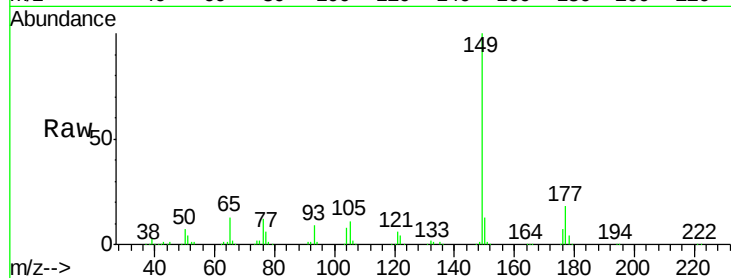
Tot Ion:149 Resp: 349089

Ion Ratio Lower Upper

149 100

177 18.0 17.5 26.3

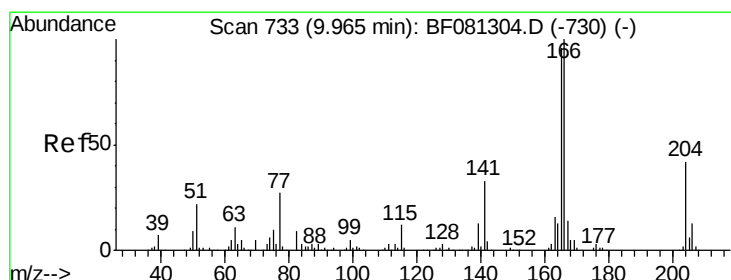
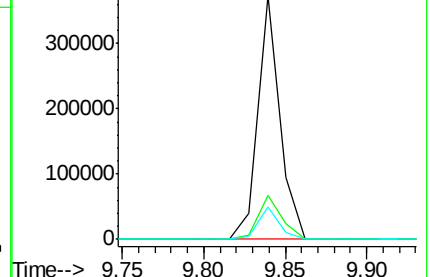
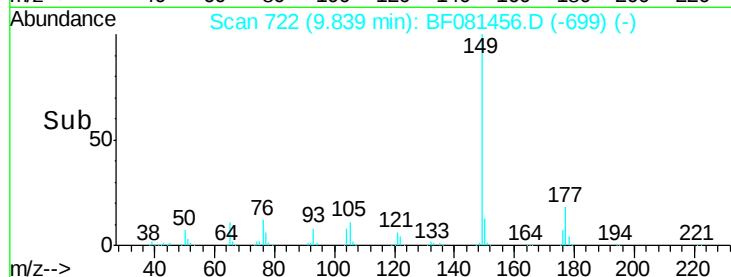
150 13.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.43 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

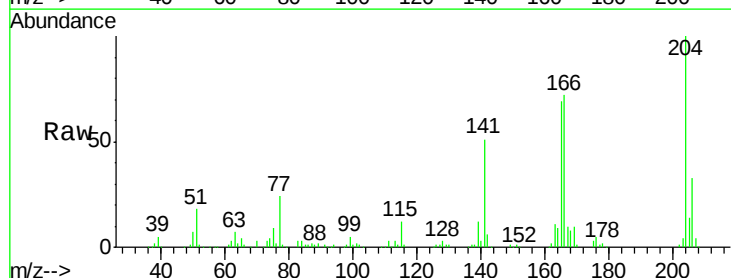
Tgt Ion:204 Resp: 171524

Ion Ratio Lower Upper

204 100

206 33.1 24.8 37.2

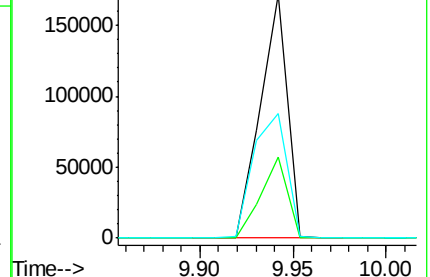
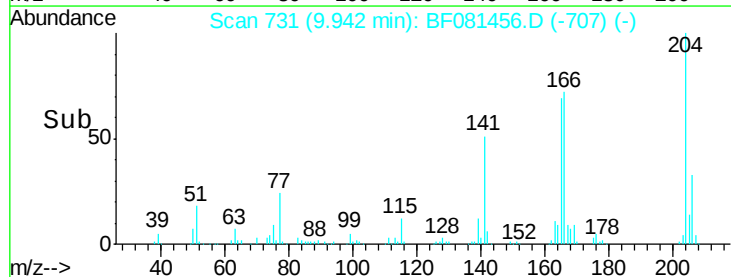
141 51.3 42.2 63.4

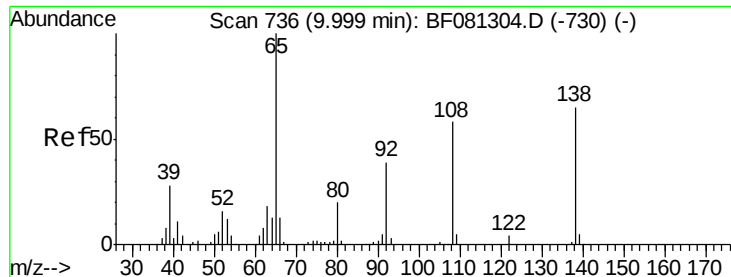


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.33 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampled :

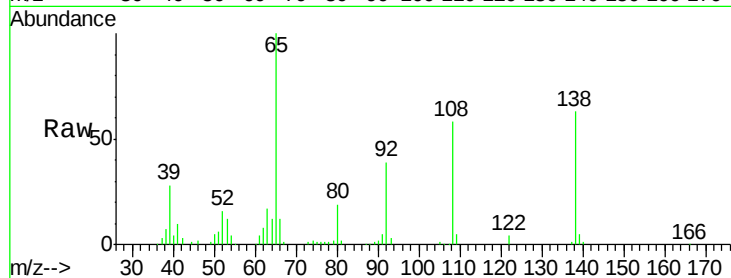
Tot Ion:138 Resp: 80832

Ion Ratio Lower Upper

138 100

92 62.2 12.6 52.6#

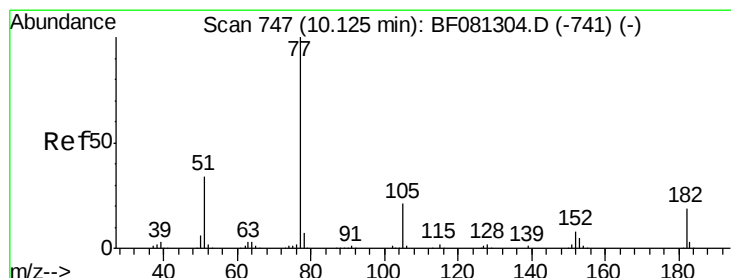
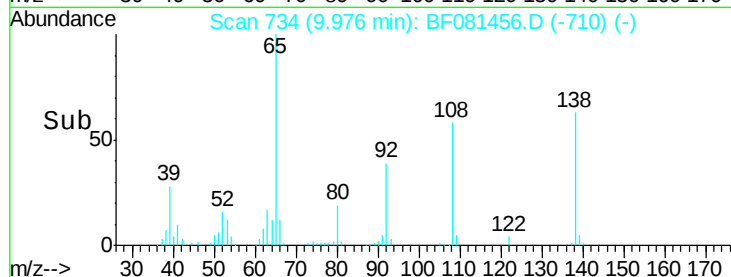
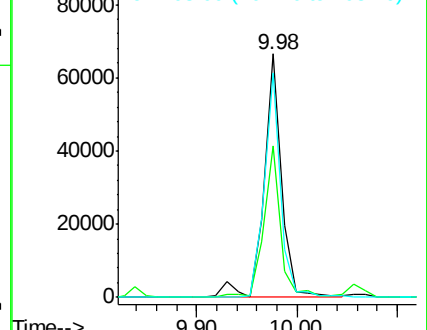
108 92.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.53 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Tgt Ion: 77 Resp: 385995

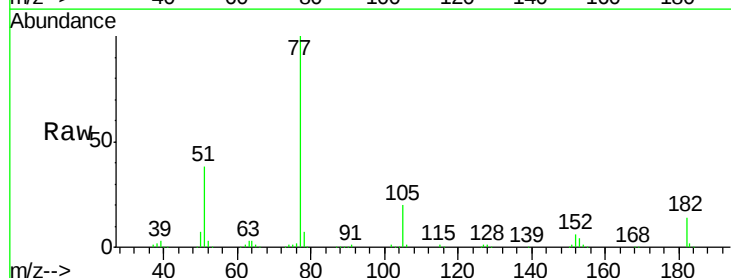
Ion Ratio Lower Upper

77 100

182 14.1 15.1 55.1#

105 19.6 3.4 43.4

51 38.1 12.0 52.0

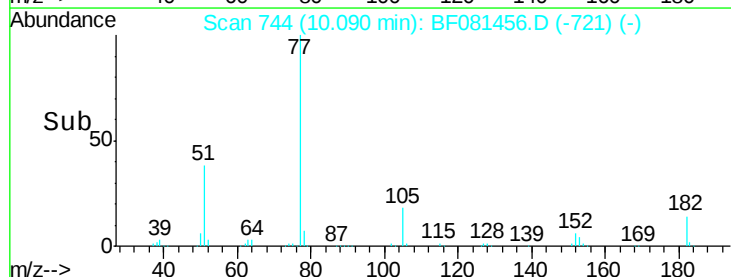
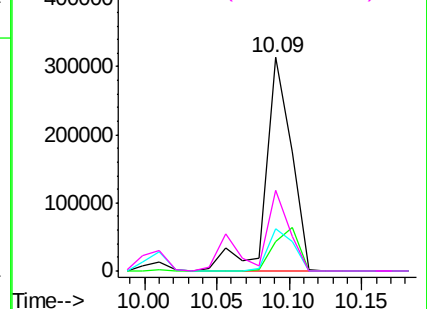


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

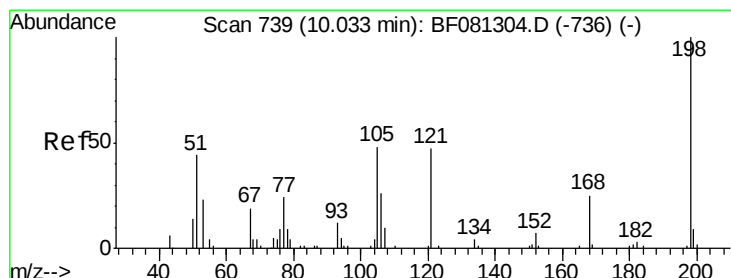
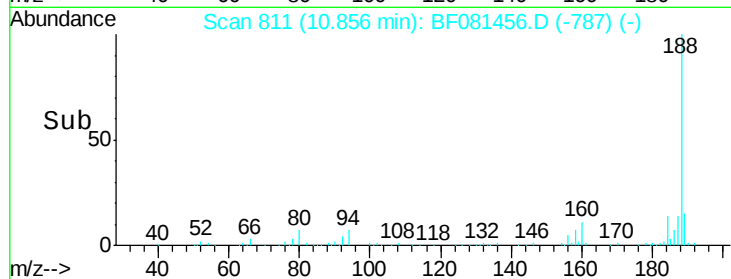
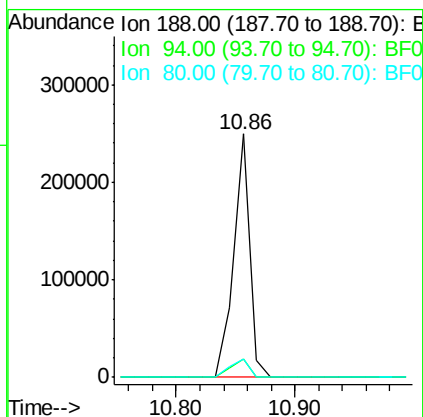
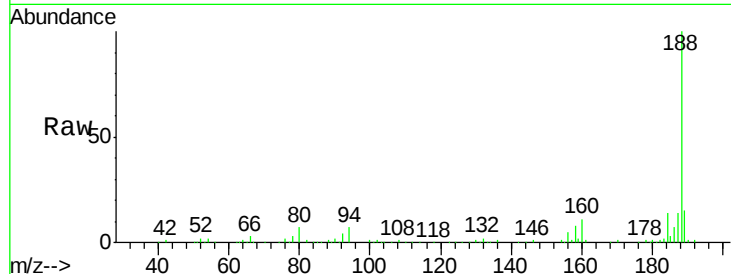




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

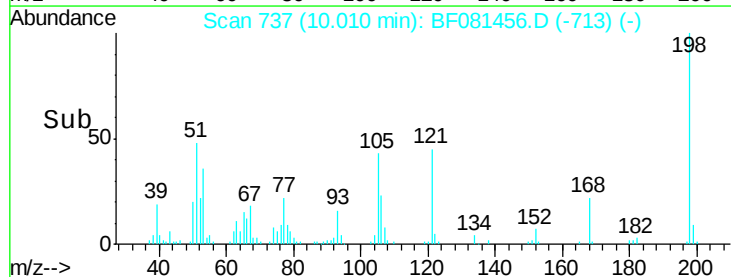
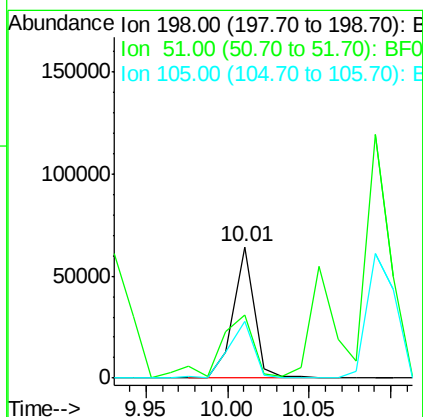
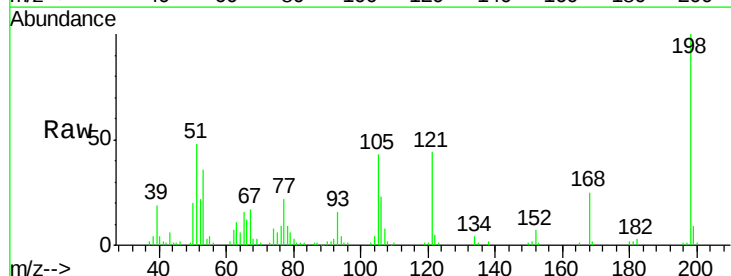
Instrument :
 BNA_F
 ClientSampleId :

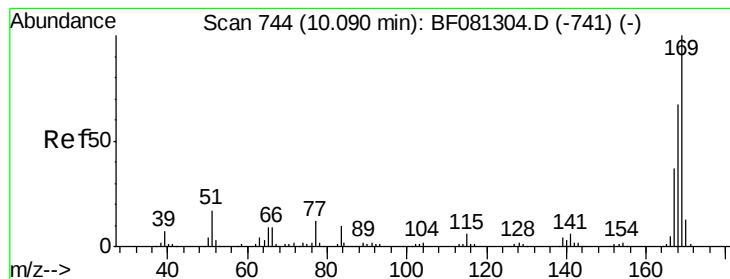
Tot Ion:188 Resp: 233600
 Ion Ratio Lower Upper
 188 100
 94 7.5 11.1 16.7#
 80 7.4 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.78 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:198 Resp: 57207
 Ion Ratio Lower Upper
 198 100
 51 48.0 39.6 79.6
 105 43.0 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 36.18 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

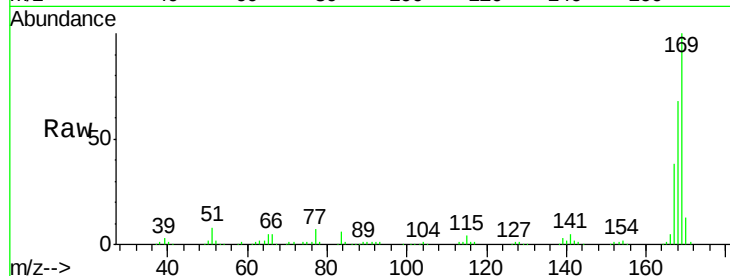
Tot Ion:169 Resp: 307544

Ion Ratio Lower Upper

169 100

168 67.8 48.9 73.3

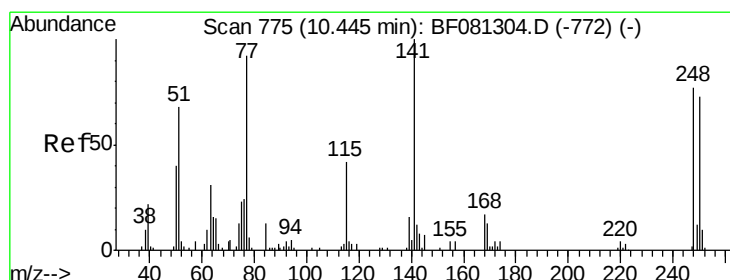
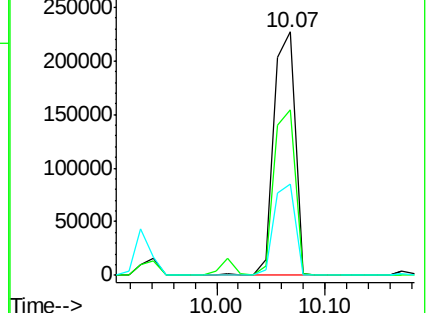
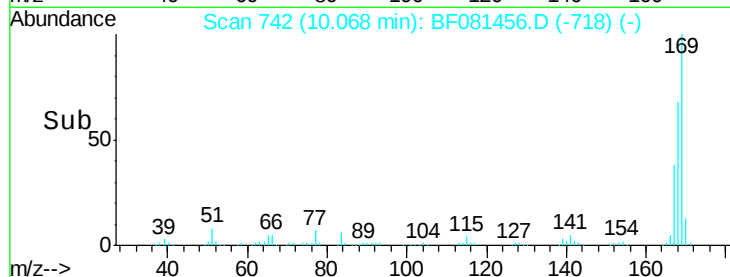
167 37.7 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.23 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

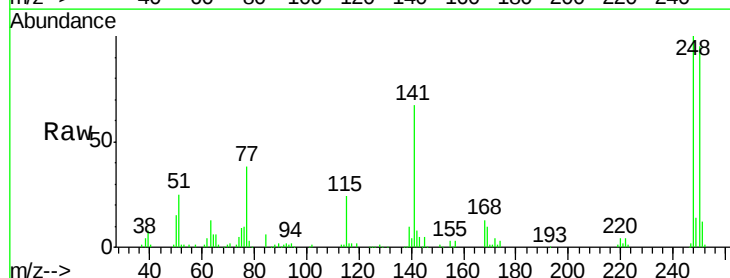
Tgt Ion:248 Resp: 99754

Ion Ratio Lower Upper

248 100

250 94.9 78.5 117.7

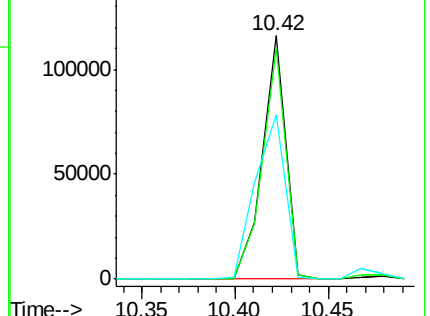
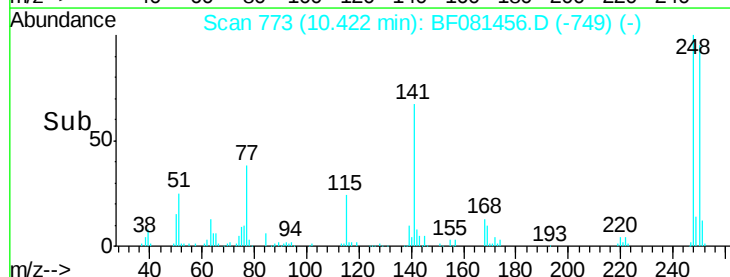
141 67.4 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

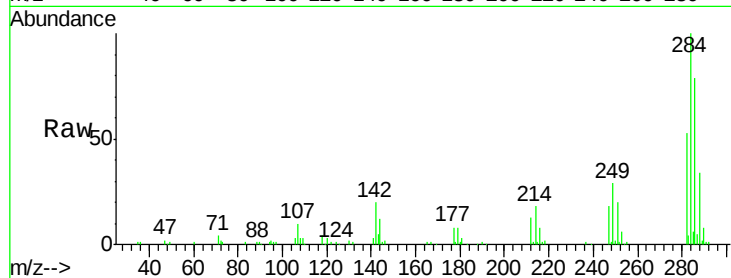




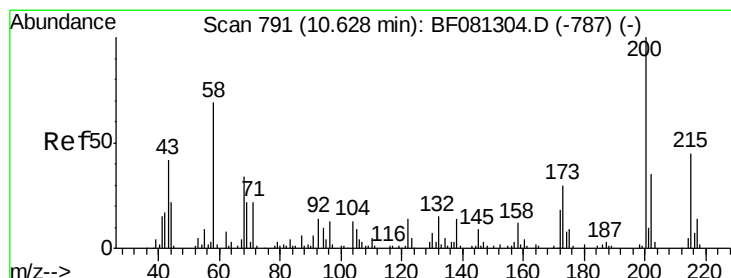
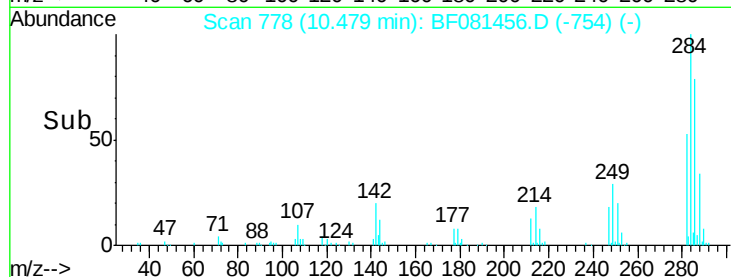
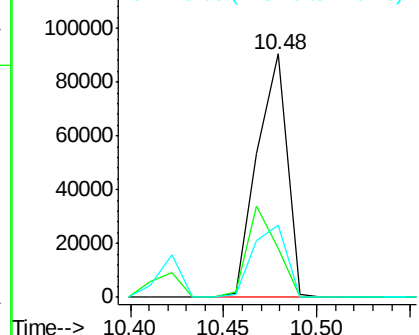
#67
Hexachlorobenzene
Concen: 40.67 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	20.0	29.5	44.3#
249	29.4	19.5	29.3#

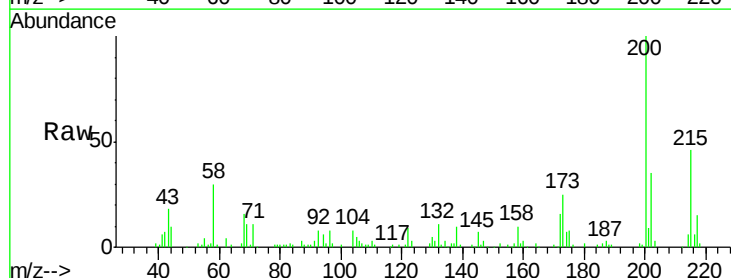


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

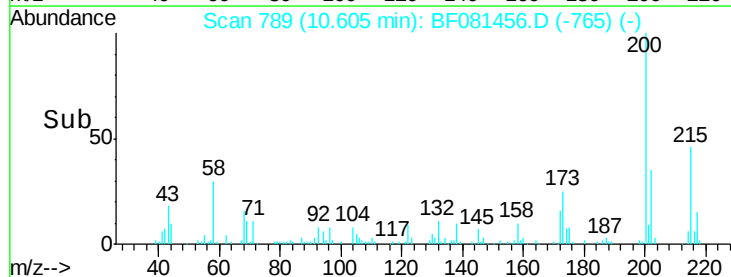
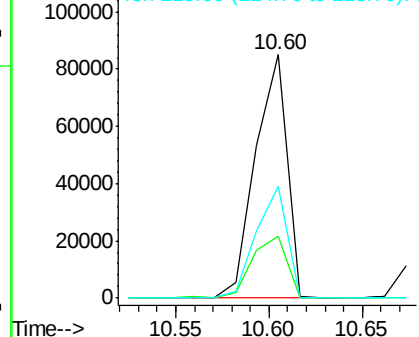


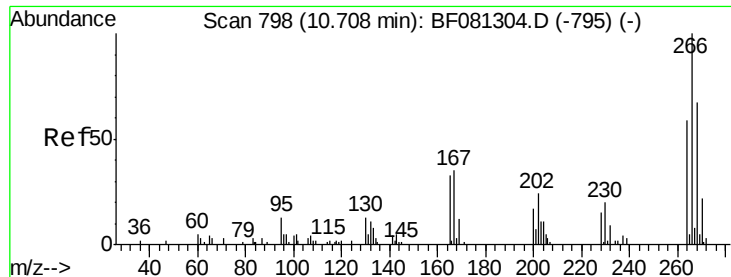
#68
Atrazine
Concen: 40.29 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	13.2	53.2
215	45.8	41.8	81.8



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

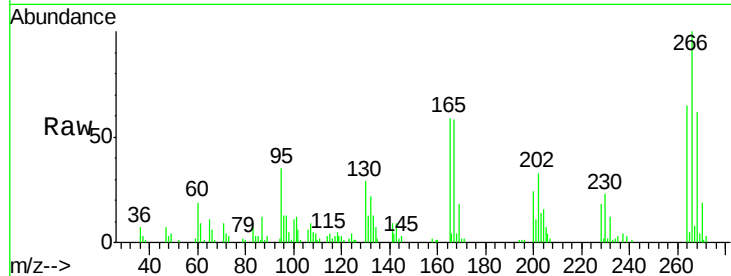




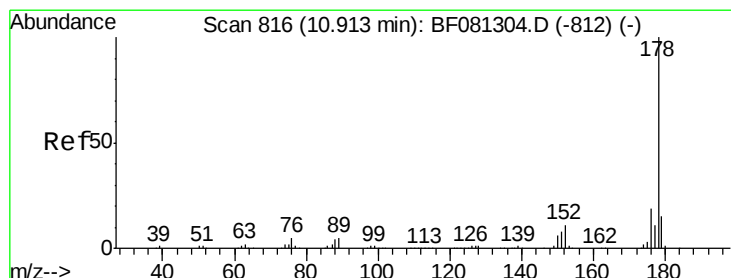
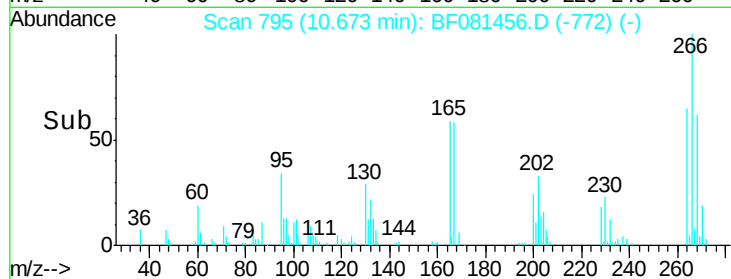
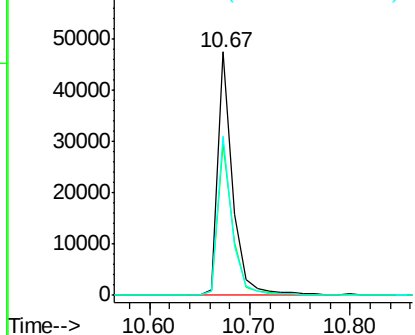
#69
 Pentachlorophenol
 Concen: 45.14 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 49122
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.8 74.6
 264 65.4 50.2 75.2

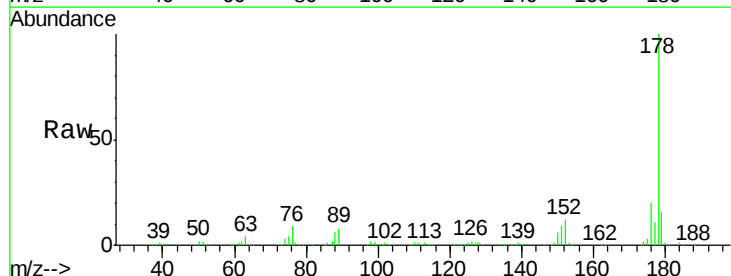


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

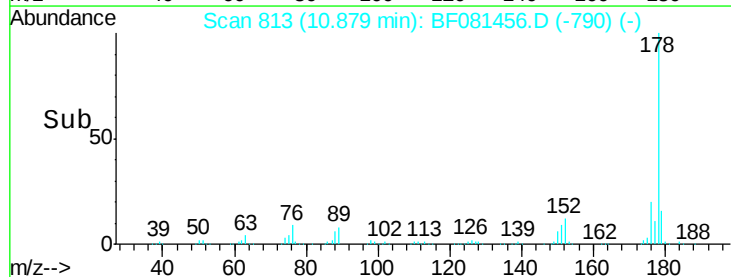
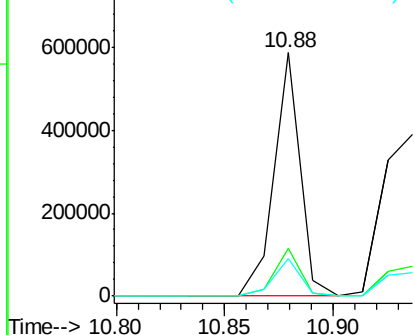


#70
 Phenanthrene
 Concen: 38.35 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:178 Resp: 498054
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 15.5 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

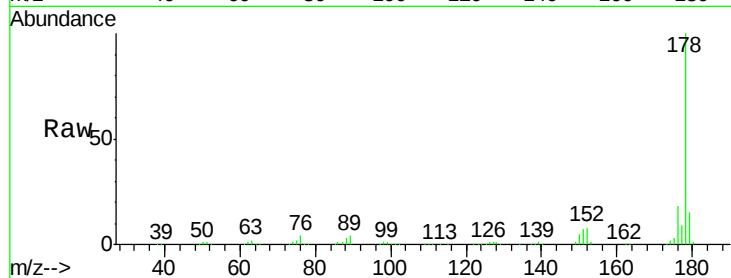




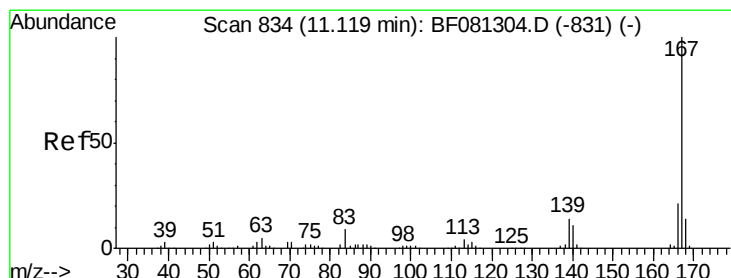
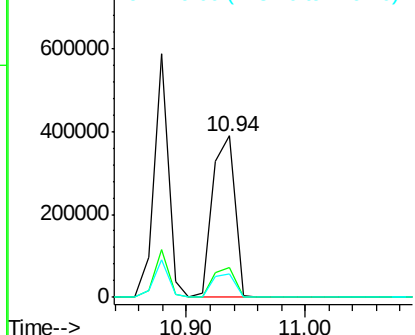
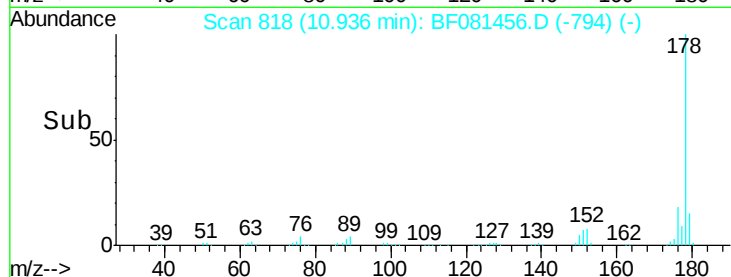
#71
 Anthracene
 Concen: 37.74 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 503584
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.1 21.1
 179 14.9 12.2 18.2

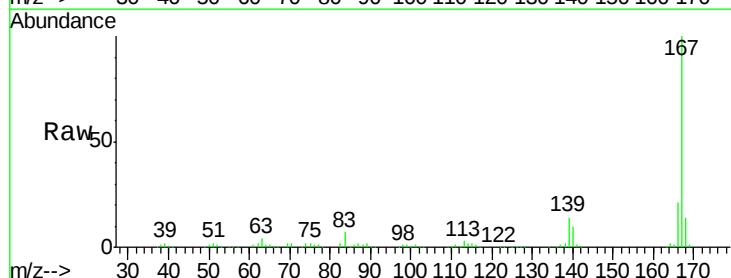


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

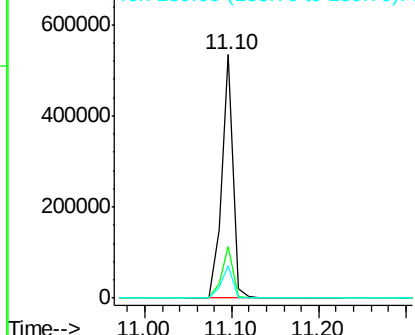
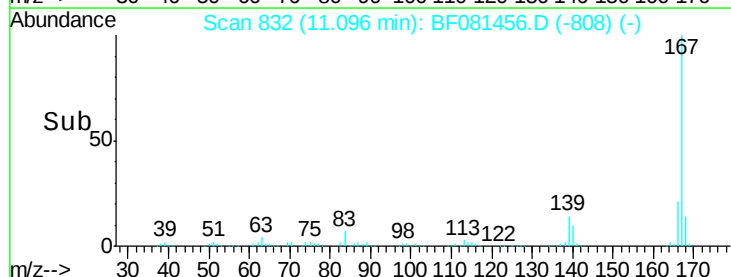


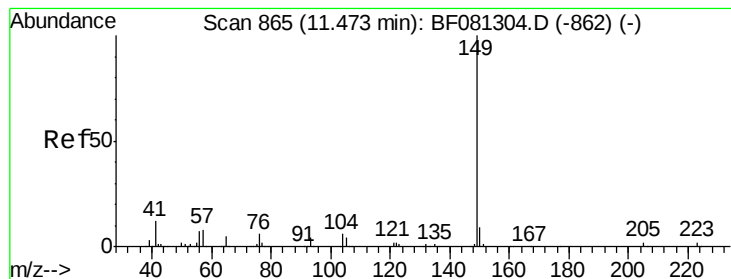
#72
 Carbazole
 Concen: 39.13 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:167 Resp: 489883
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.6 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 42.08 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

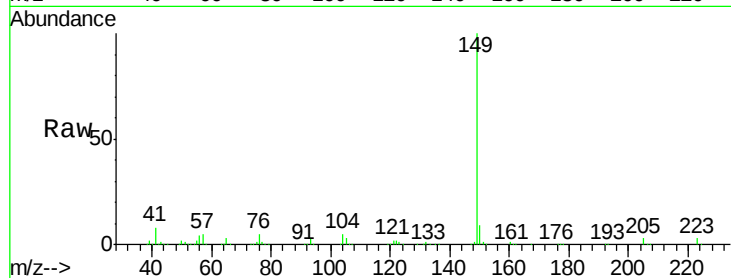
Tot Ion:149 Resp: 622167

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

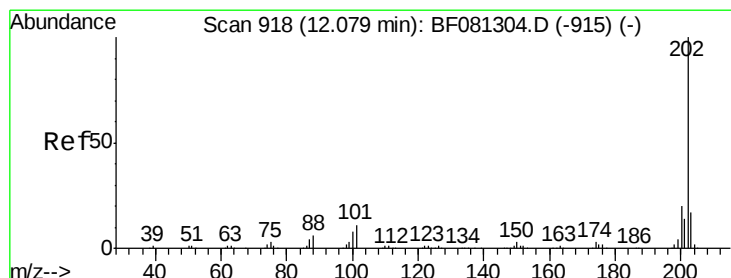
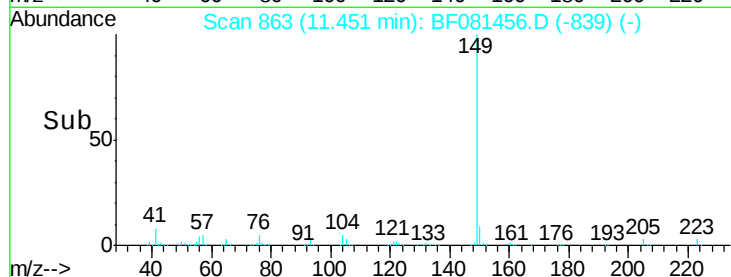
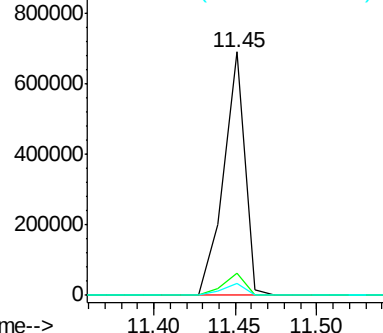
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.63 ng

RT: 12.04 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF081456.D

Acq: 5 Sep 2015 10:42

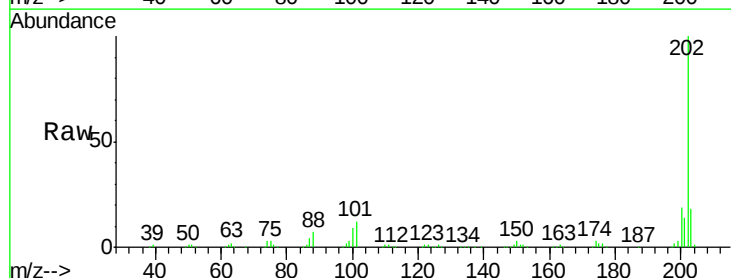
Tgt Ion:202 Resp: 514972

Ion Ratio Lower Upper

202 100

101 12.0 0.0 38.3

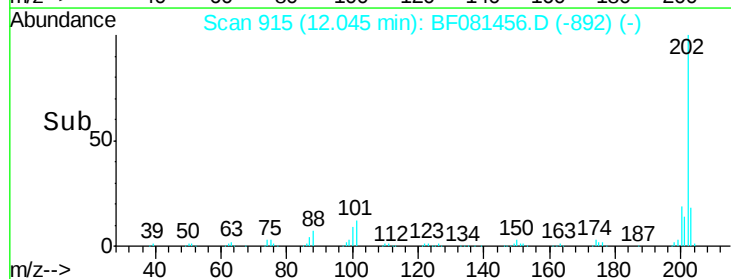
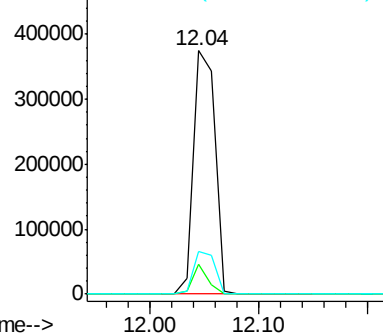
203 17.7 0.0 37.3

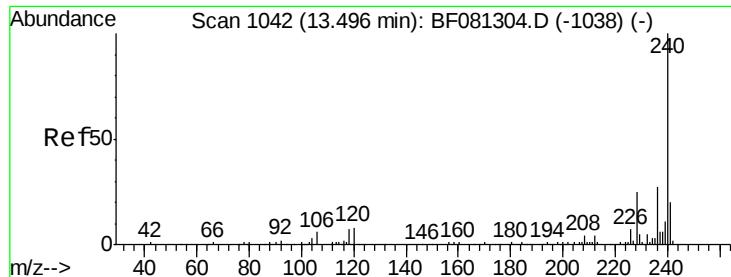


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

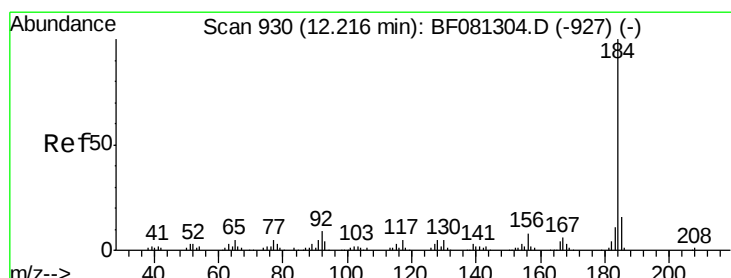
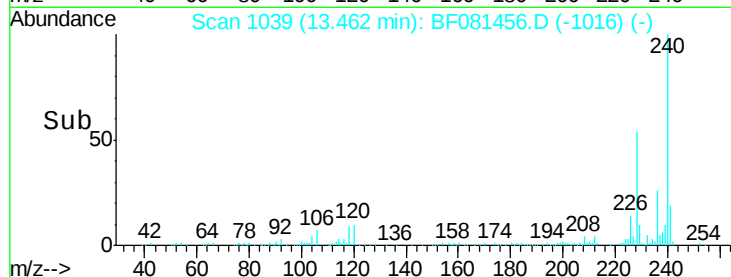
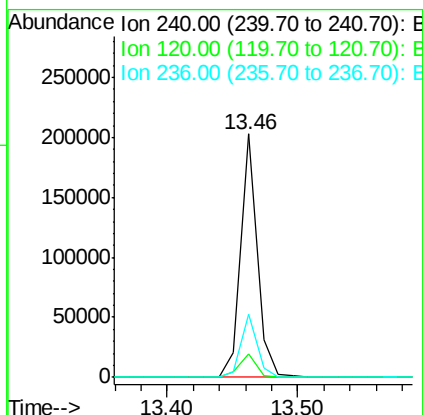
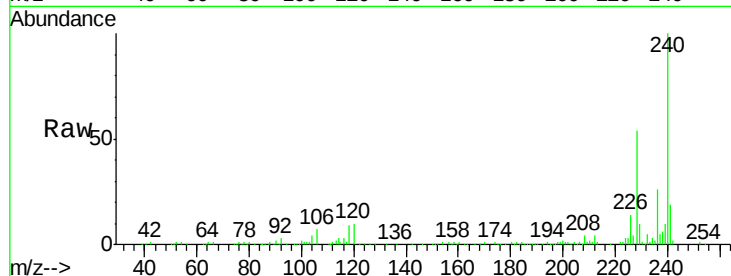




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

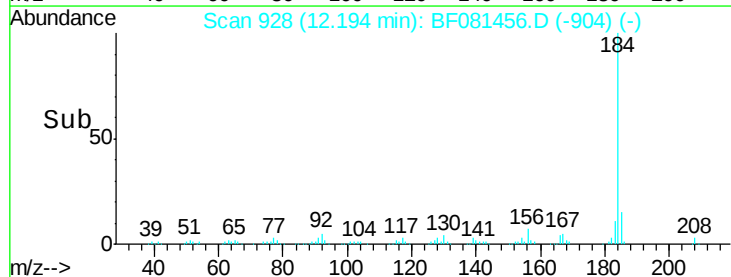
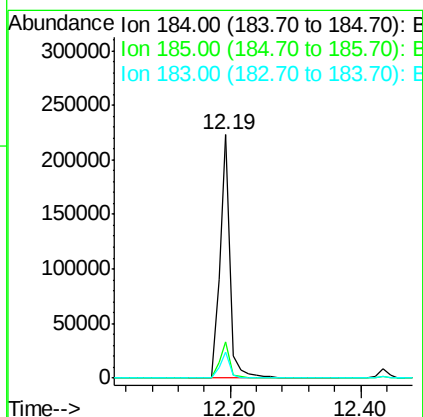
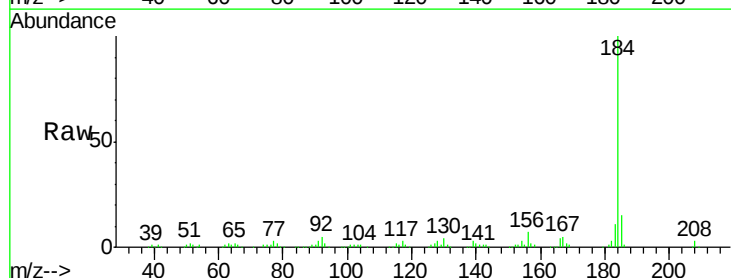
Instrument :
BNA_F
ClientSampleID :

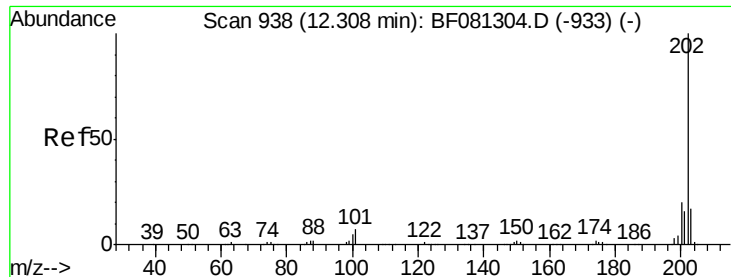
Tot Ion:240 Resp: 178191
Ion Ratio Lower Upper
240 100
120 9.6 16.2 24.2#
236 26.1 18.4 27.6



#76
Benzidine
Concen: 31.84 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion:184 Resp: 243583
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 10.8 7.6 11.4

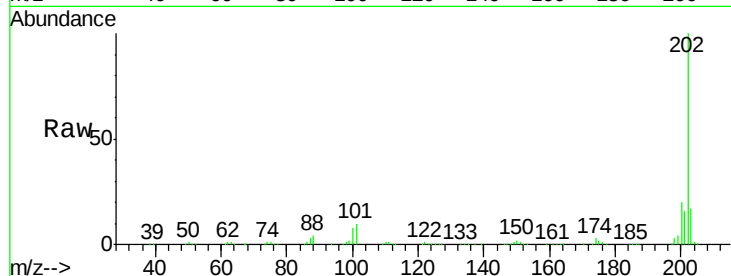




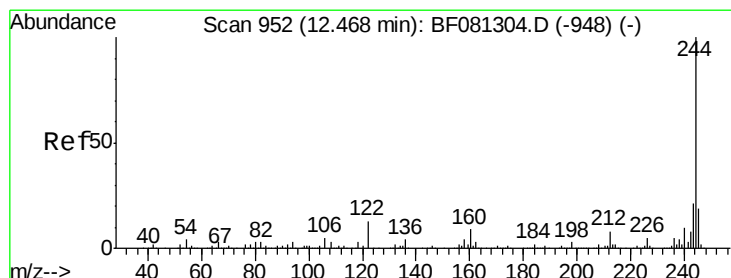
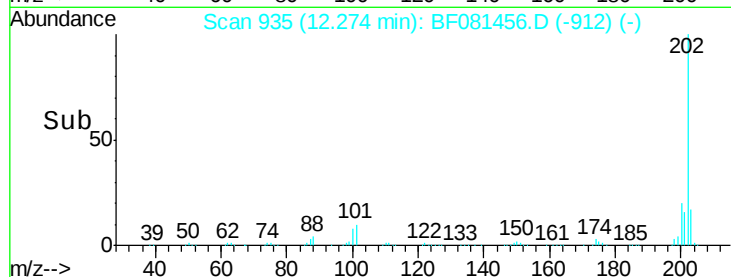
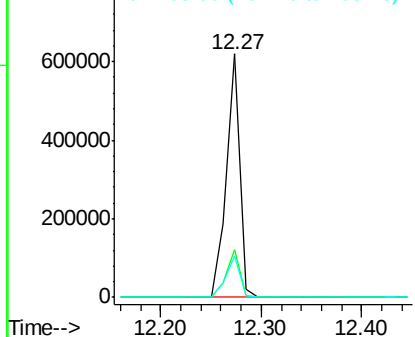
#77
Pvrene
Concen: 43.31 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	17.2	14.1	21.1

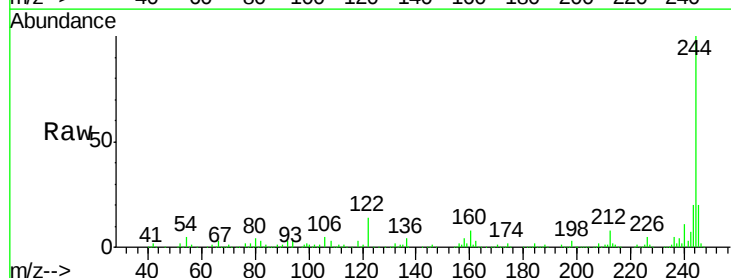


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

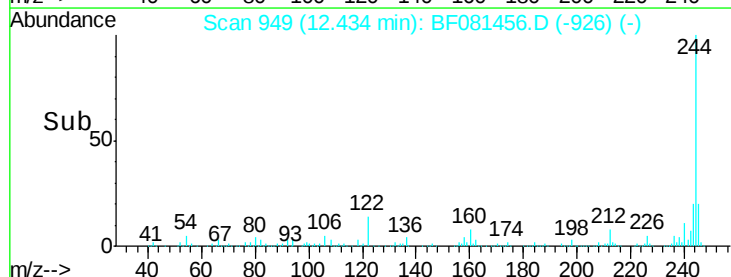
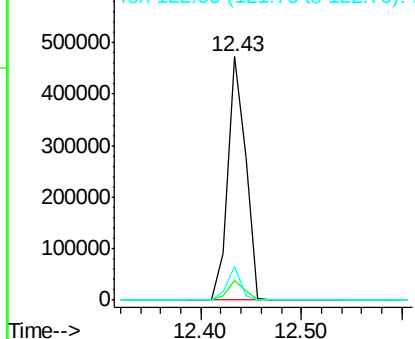


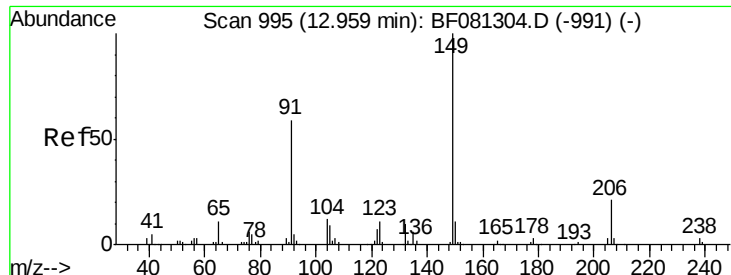
#78
Terphenyl-d14
Concen: 76.17 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	14.1	17.4	26.2#



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

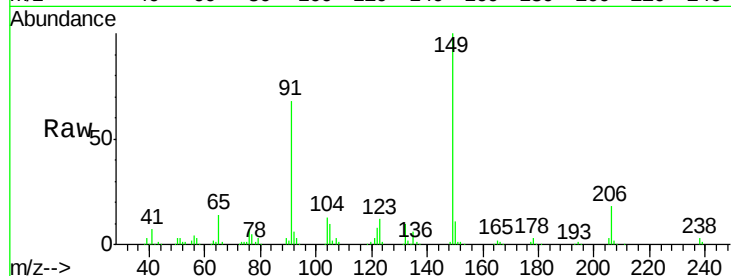




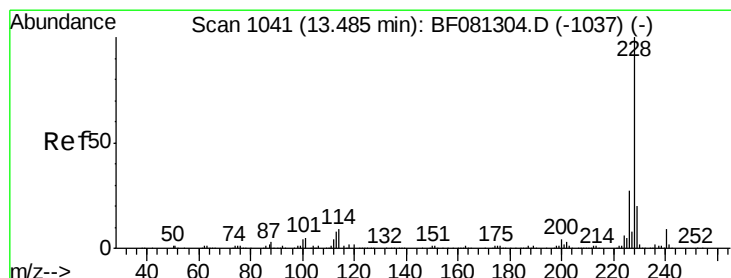
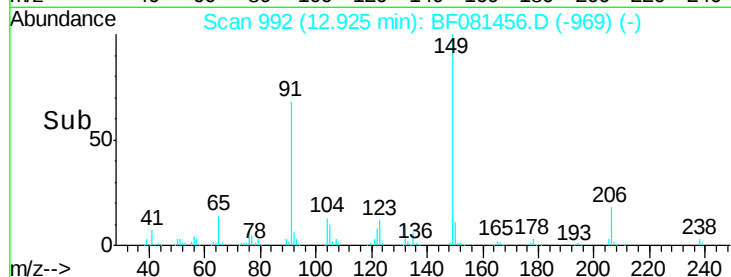
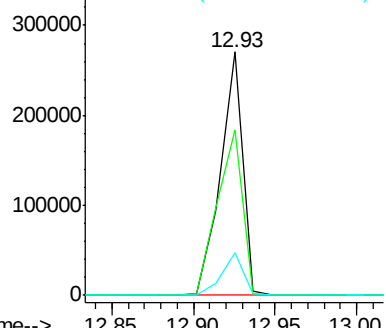
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 12.93 min Scan# 992
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	48.6	72.8
206	17.7	14.9	22.3

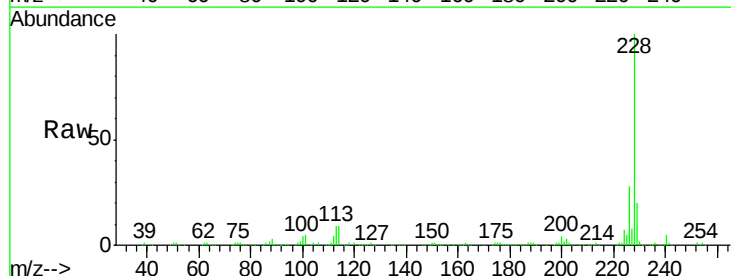


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

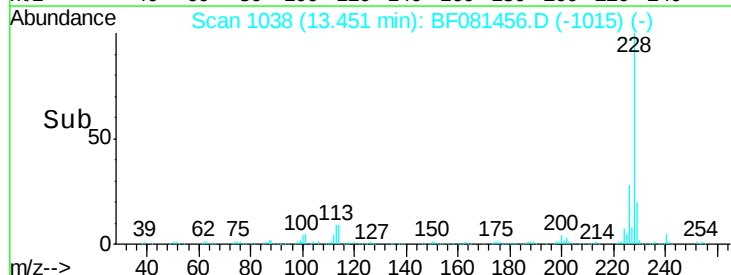
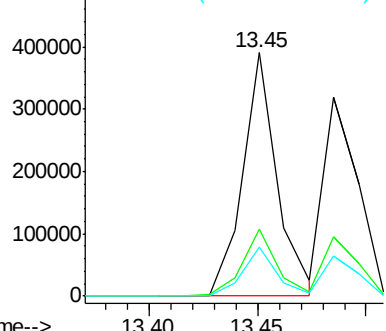


#80
Benzo(a)anthracene
Concen: 38.20 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	20.0	15.4	23.2



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

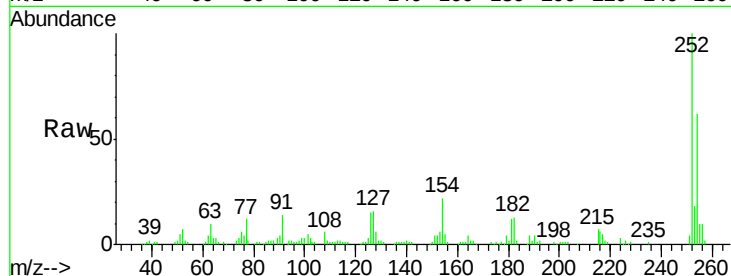




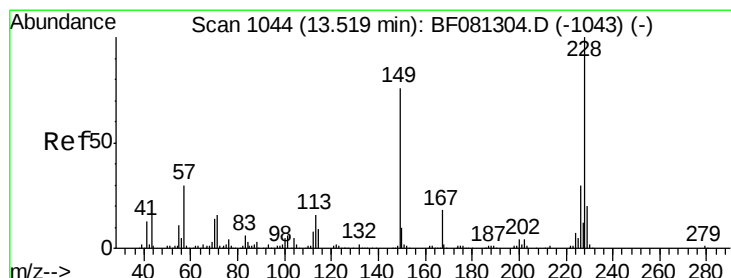
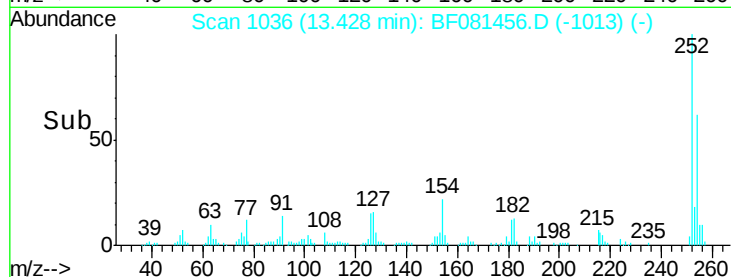
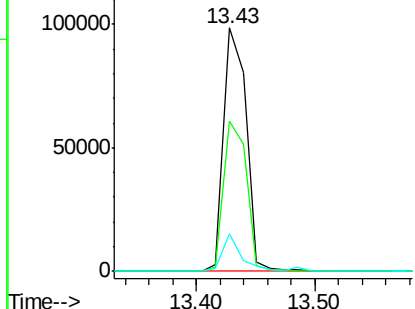
#81
 3,3'-Dichlorobenzidine
 Concen: 33.68 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.4	77.2
126	15.2	16.4	24.6#

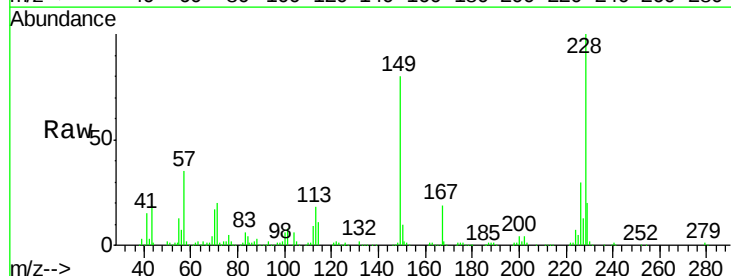


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

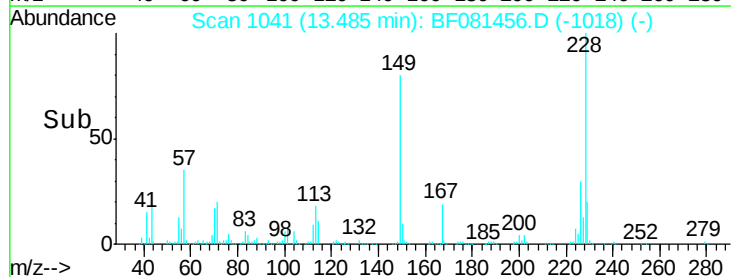
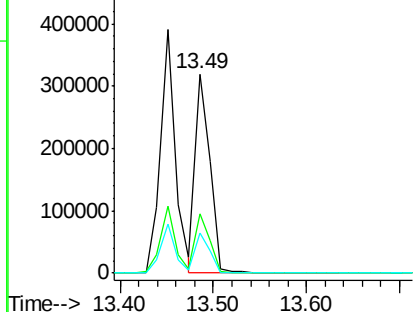


#82
 Chrysene
 Concen: 34.93 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	20.3	15.6	23.4



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

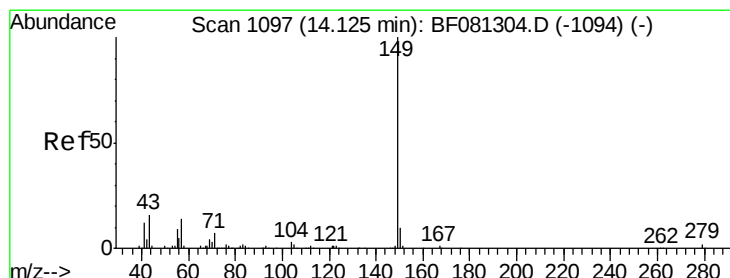
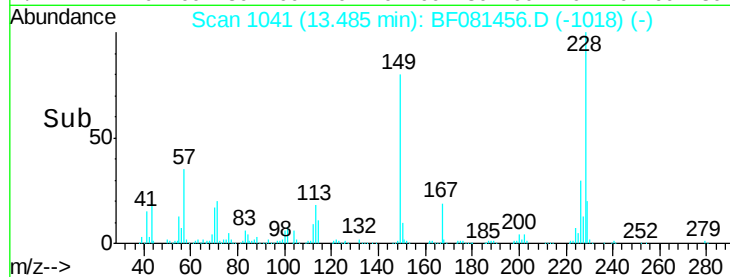
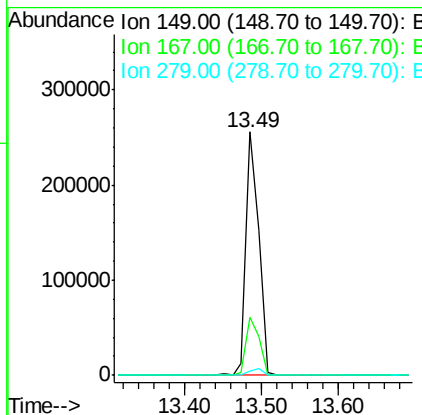
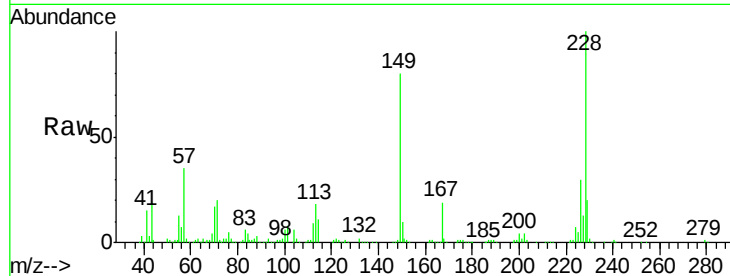




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.80 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

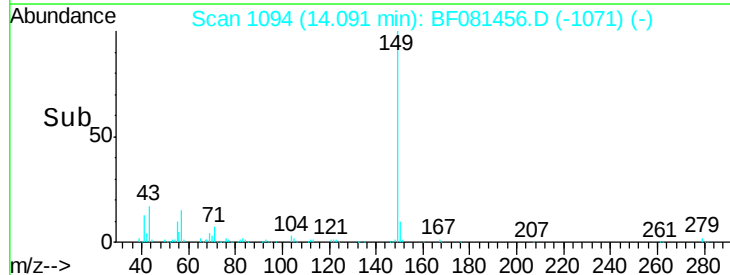
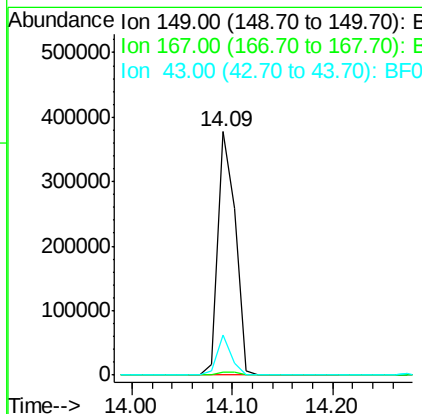
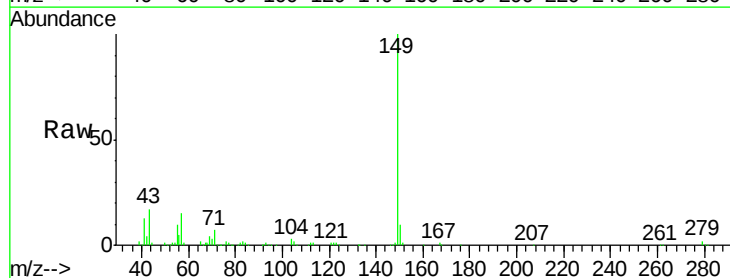
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	293945
Ion	Ratio	Lower	Upper
149	100		
167	24.0	24.2	36.2#
279	1.7	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 36.46 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:	149	Resp:	454775
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	13.4	10.2	15.2

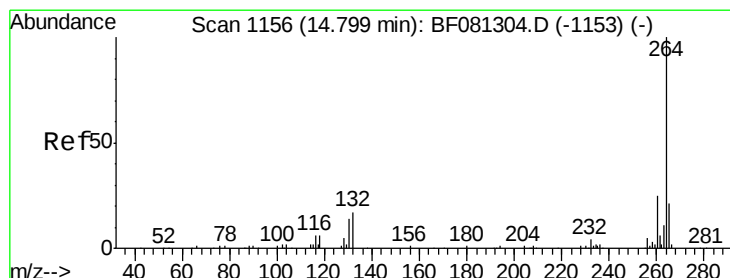
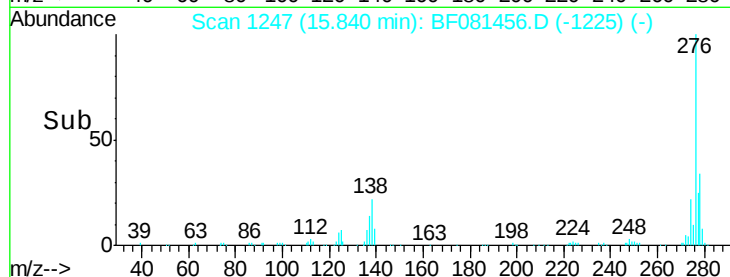
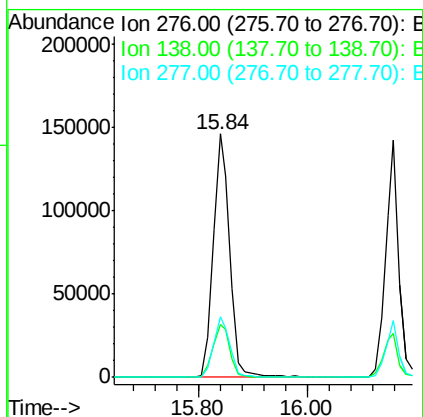
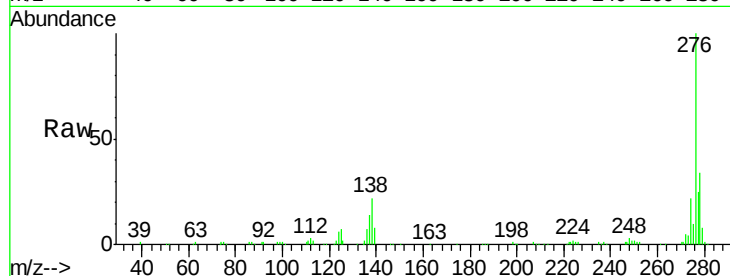




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.23 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

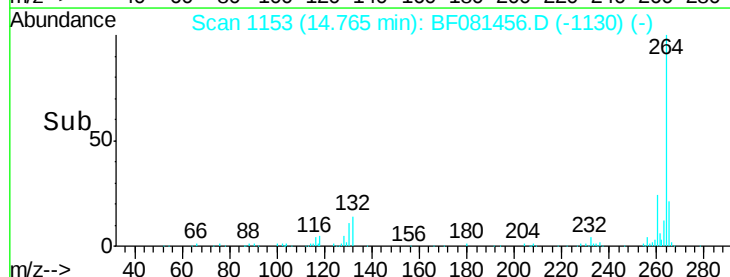
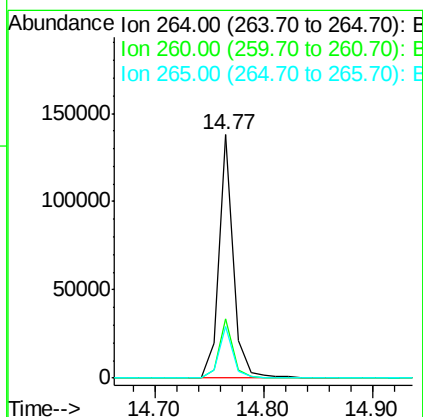
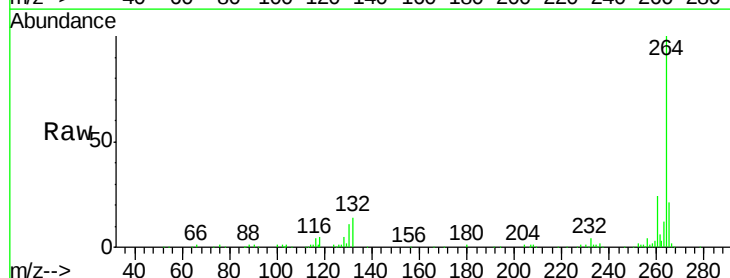
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 315148
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Tgt Ion:264 Resp: 127136
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.5 17.2 25.8

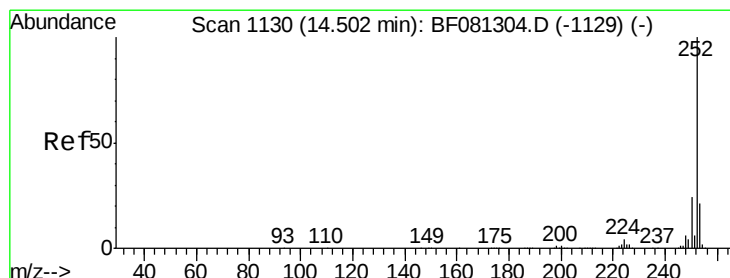
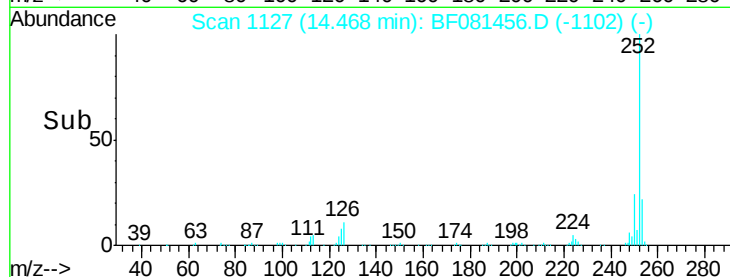
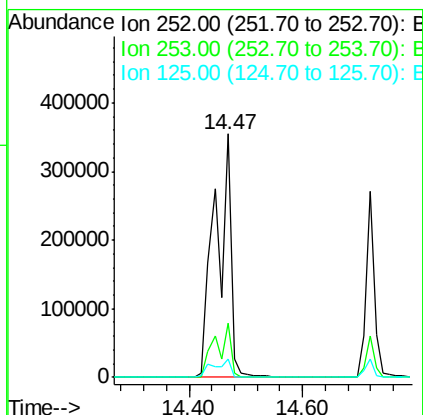
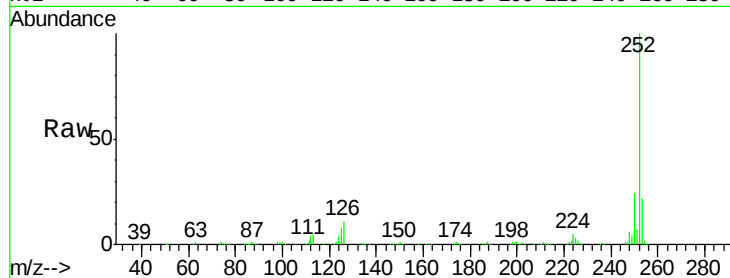




#87
Benzo(b)fluoranthene
Concen: 73.22 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

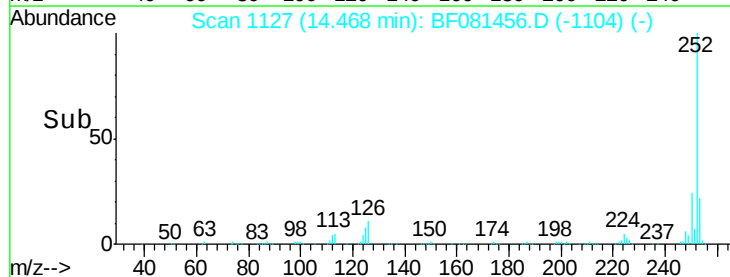
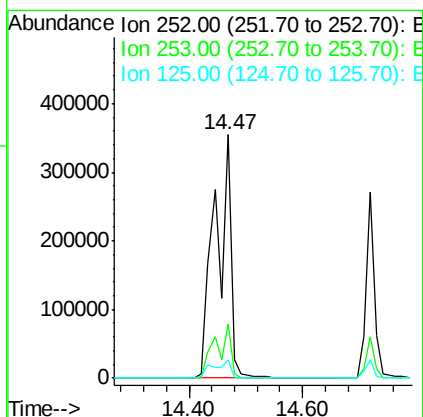
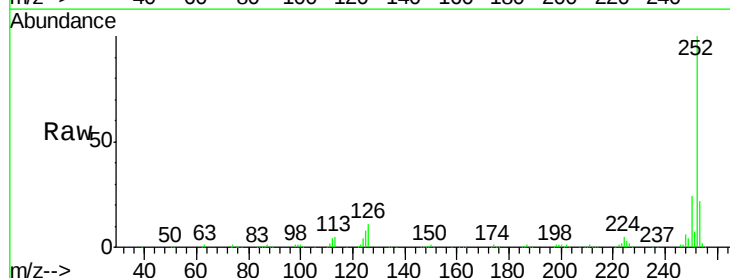
Instrument :
BNA_F
ClientSampled :

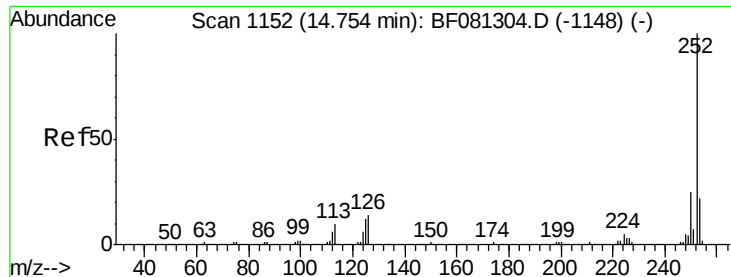
Tot Ion:252 Resp: 664578
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 88.24 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion:252 Resp: 664578
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.6 16.0 24.0#

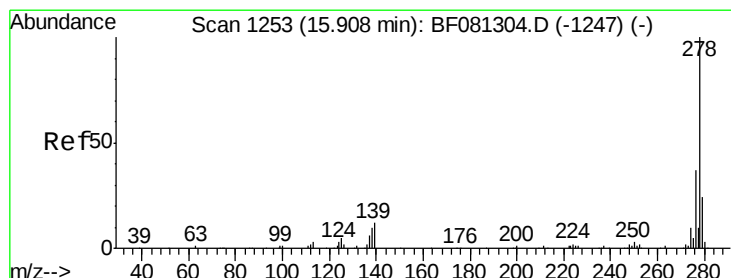
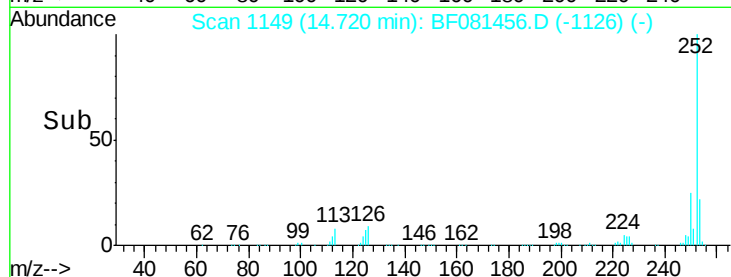
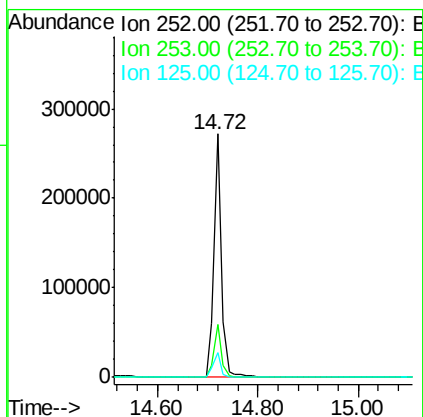
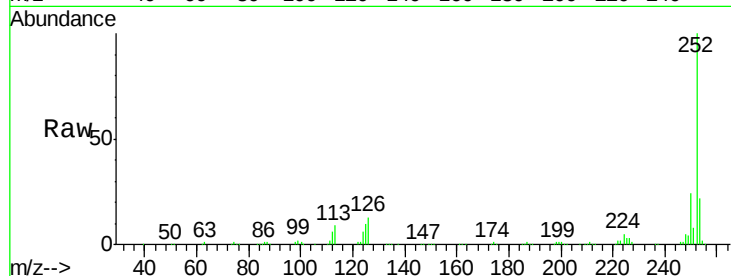




#89
Benzo(a)pyrene
Concen: 37.58 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

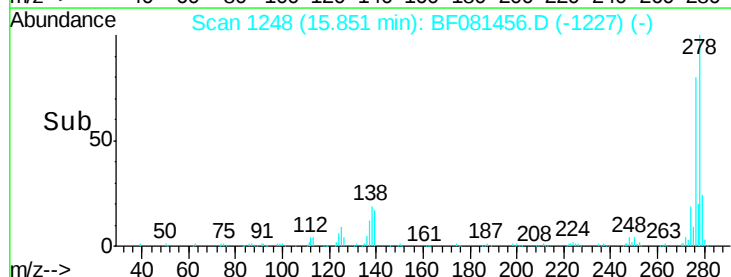
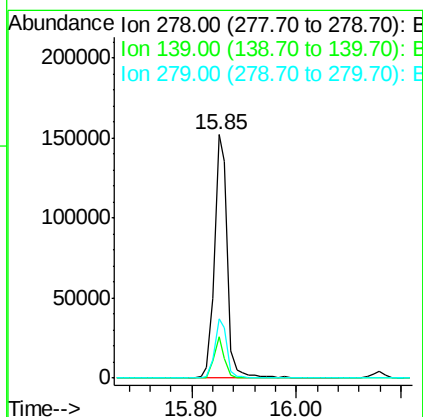
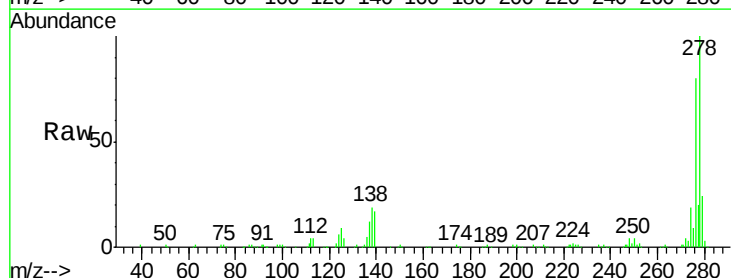
Instrument :
BNA_F
ClientSampleId :

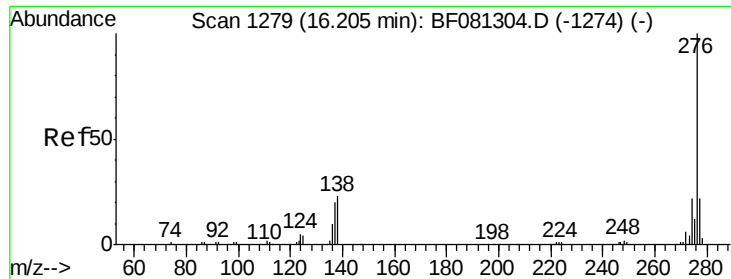
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.1	18.0	27.0



#90
Dibenzo(a,h)anthracene
Concen: 43.92 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.06 min
Lab File: BF081456.D
Acq: 5 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	26.3	39.5
279	24.3	18.2	27.4

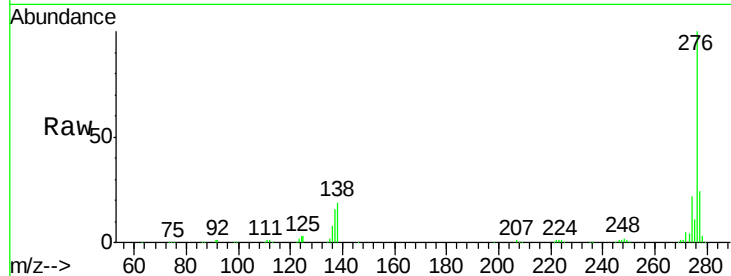




#91
 Benzo(a,h,i)perylene
 Concen: 44.38 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.05 min
 Lab File: BF081456.D
 Acq: 5 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	18.6	34.6	51.8



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

