

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077638.D
 Acq On : 9 Mar 2015 14:31
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 10 00:46:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	88878	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	350067	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	176144	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	327284	20.00	ng	0.00
75) Chrysene-d12	16.06	240	366360	20.00	ng	0.00
86) Perylene-d12	17.73	264	388009	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	435898	81.88	ng	0.00
7) Phenol-d6	6.76	99	553701	80.89	ng	0.00
23) Nitrobenzene-d5	7.89	82	487323	86.57	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	135701	80.01	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	918680	81.32	ng	0.00
78) Terphenyl-d14	14.77	244	1113308	71.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	90443	40.03	ng	95
3) Pyridine	2.81	79	248243	38.41	ng	96
4) n-Nitrosodimethylamine	2.72	42	119227	42.43	ng	90
6) Aniline	6.78	93	384106	40.60	ng	# 90
8) 2-Chlorophenol	6.92	128	246324	39.22	ng	99
9) Benzaldehyde	6.64	77	156455	37.65	ng	89
10) Phenol	6.78	94	309061	38.05	ng	# 61
11) bis(2-Chloroethyl)ether	6.89	93	244023	41.81	ng	96
12) 1,3-Dichlorobenzene	7.12	146	267052	39.05	ng	94
13) 1,4-Dichlorobenzene	7.22	146	275227	39.56	ng	98
14) 1,2-Dichlorobenzene	7.40	146	256500	38.76	ng	97
15) Benzyl Alcohol	7.38	79	209186	40.20	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.56	45	314463	37.69	ng	99
17) 2-Methylphenol	7.53	107	201720	41.09	ng	100
18) Hexachloroethane	7.82	117	94401	40.63	ng	# 82
19) n-Nitroso-di-n-propylamine	7.71	70	165069	37.97	ng	96
20) 3+4-Methylphenols	7.72	107	260986	40.37	ng	# 76
22) Acetophenone	7.70	105	333427	40.49	ng	# 91
24) Nitrobenzene	7.91	77	247661	41.82	ng	100
25) Isophorone	8.21	82	449453	40.24	ng	98
26) 2-Nitrophenol	8.30	139	127678	52.60	ng	94
27) 2,4-Dimethylphenol	8.37	122	217527	40.05	ng	98
28) bis(2-Chloroethoxy)methane	8.49	93	260405	36.91	ng	99
29) 2,4-Dichlorophenol	8.60	162	203946	40.00	ng	94
30) 1,2,4-Trichlorobenzene	8.70	180	222825	39.75	ng	100
31) Naphthalene	8.80	128	709972	40.56	ng	100
32) Benzoic acid	8.48	122	131568	49.85	ng	98
33) 4-Chloroaniline	8.87	127	311627	40.04	ng	98
34) Hexachlorobutadiene	8.95	225	122224	38.20	ng	98
35) Caprolactam	9.31	113	65334	41.98	ng	92
36) 4-Chloro-3-methylphenol	9.48	107	214381	41.83	ng	97
37) 2-Methylnaphthalene	9.65	142	463498	37.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	202930	40.15	ng	99
40) Hexachlorocyclopentadiene	9.85	237	105066	38.77	ng	96

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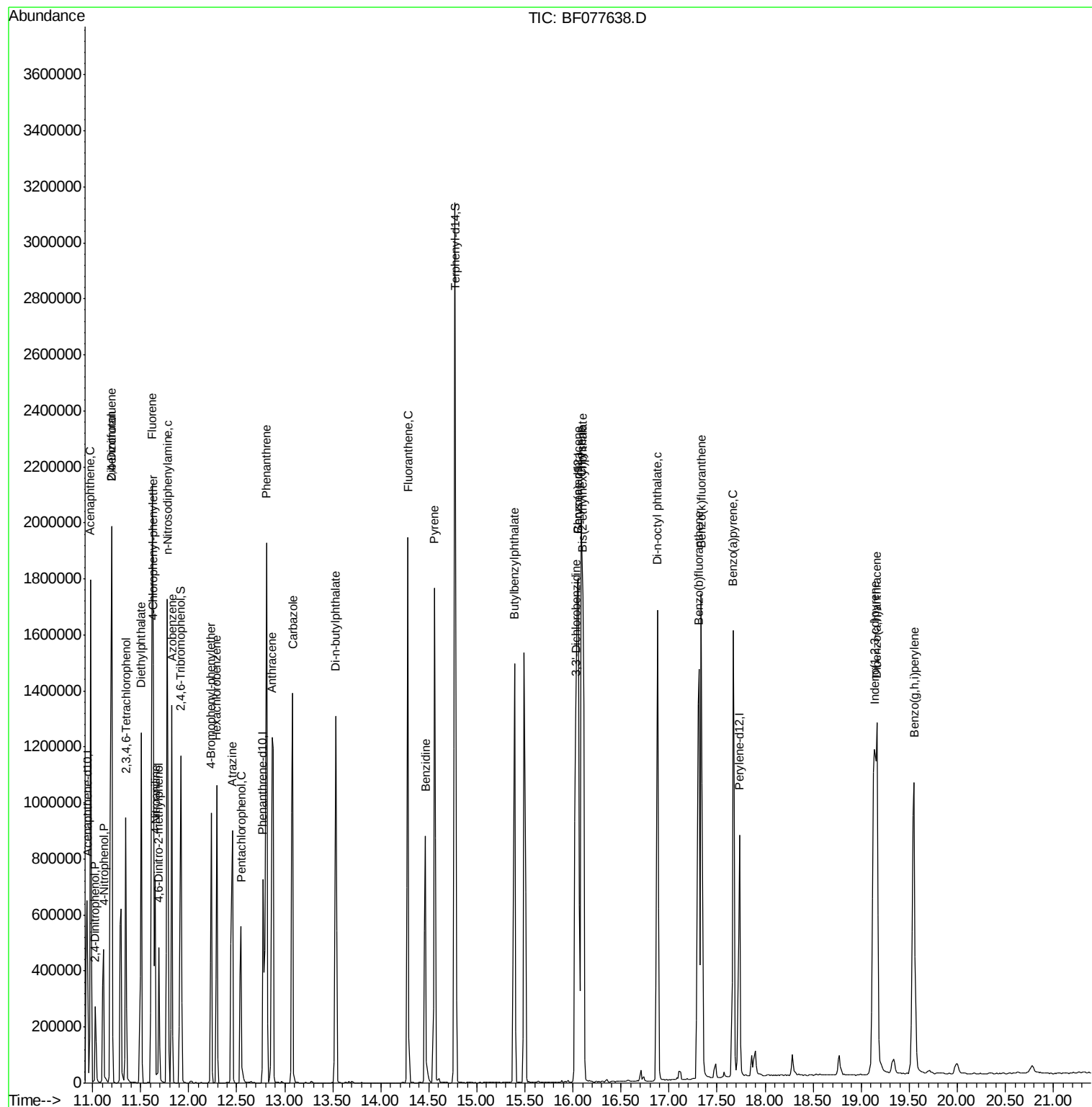
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	147773	44.15	nq	100
43) 2,4,5-Trichlorophenol	10.05	196	157235	43.93	nq	96
45) 1,1'-Biphenyl	10.24	154	540422	40.50	nq	98
46) 2-Chloronaphthalene	10.26	162	450259	43.02	nq	95
47) 2-Nitroaniline	10.39	65	123459	47.92	nq	94
48) Acenaphthylene	10.77	152	715362	43.18	nq	100
49) Dimethylphthalate	10.63	163	477385	38.56	nq	99
50) 2,6-Dinitrotoluene	10.70	165	110134	44.35	nq	# 50
51) Acenaphthene	10.98	154	404679	40.93	nq	100
52) 3-Nitroaniline	10.90	138	141746	49.51	nq	95
53) 2,4-Dinitrophenol	11.03	184	40592	53.72	nq	98
54) Dibenzofuran	11.20	168	623031	40.81	nq	99
55) 4-Nitrophenol	11.11	139	109909	47.73	nq	91
56) 2,4-Dinitrotoluene	11.19	165	152333	45.40	nq	# 92
57) Fluorene	11.62	166	503260	41.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	122123	42.44	nq	95
59) Diethylphthalate	11.50	149	500611	41.01	nq	98
60) 4-Chlorophenyl-phenylether	11.63	204	227005	38.60	nq	97
61) 4-Nitroaniline	11.65	138	142951	52.10	nq	95
62) Azobenzene	11.82	77	483050	41.71	nq	99
64) 4,6-Dinitro-2-methylphenol	11.69	198	61831	47.40	nq	# 38
65) n-Nitrosodiphenylamine	11.78	169	447988	41.25	nq	100
66) 4-Bromophenyl-phenylether	12.24	248	140752	36.73	nq	98
67) Hexachlorobenzene	12.29	284	152170	36.99	nq	92
68) Atrazine	12.45	200	134256	38.03	nq	95
69) Pentachlorophenol	12.54	266	88031	40.72	nq	98
70) Phenanthrene	12.81	178	761699	40.15	nq	99
71) Anthracene	12.87	178	761929	40.48	nq	98
72) Carbazole	13.08	167	760975	42.52	nq	99
73) Di-n-butylphthalate	13.53	149	774772	36.86	nq	100
74) Fluoranthene	14.28	202	860327	41.52	nq	100
76) Benzidine	14.46	184	447340	36.14	nq	98
77) Pyrene	14.56	202	884939	39.49	nq	99
79) Butylbenzylphthalate	15.39	149	372127	40.36	nq	92
80) Benzo(a)anthracene	16.05	228	879442	40.96	nq	100
81) 3,3'-Dichlorobenzidine	16.03	252	324581	41.26	nq	99
82) Chrysene	16.09	228	785909	38.98	nq	100
83) Bis(2-ethylhexyl)phthalate	16.11	149	540307	36.54	nq	99
84) Di-n-octyl phthalate	16.88	149	955157	38.70	nq	99
85) Indeno(1,2,3-cd)pyrene	19.14	276	1046772	45.53	nq	98
87) Benzo(b)fluoranthene	17.31	252	926170	41.05	nq	99
88) Benzo(k)fluoranthene	17.33	252	832401m	37.64	nq	
89) Benzo(a)pyrene	17.67	252	840620	39.12	nq	# 96
90) Dibenzo(a,h)anthracene	19.16	278	853611	41.65	nq	99
91) Benzo(g,h,i)perylene	19.55	276	868988	42.01	nq	97

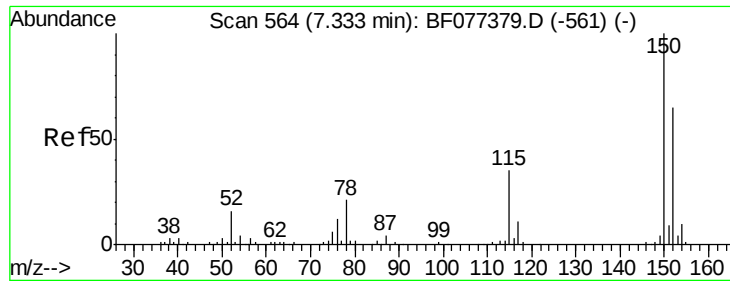
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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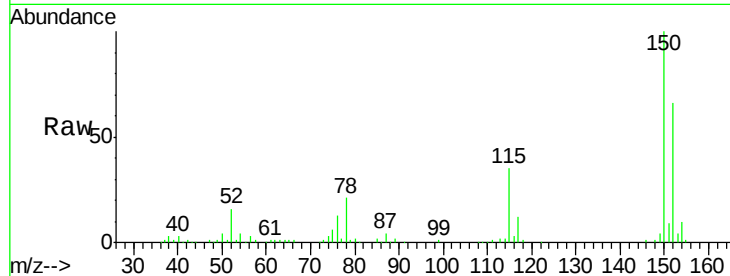


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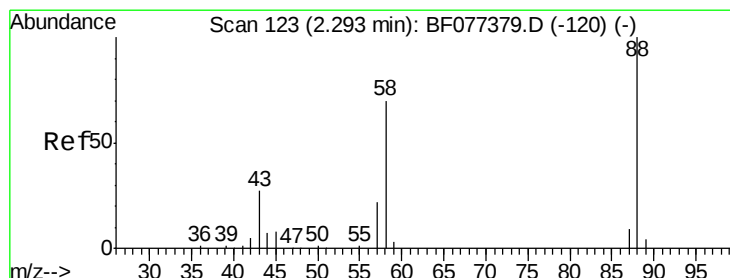
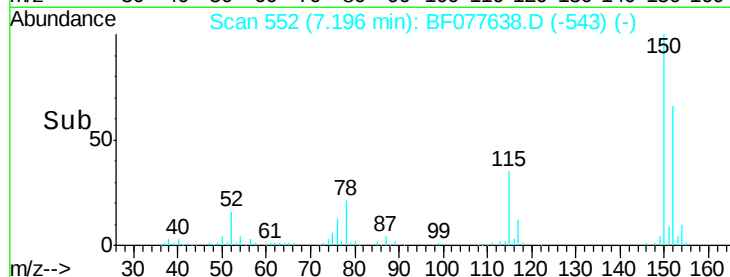
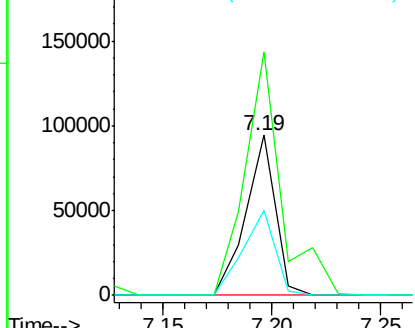
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 88878
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 53.0 49.4 74.2



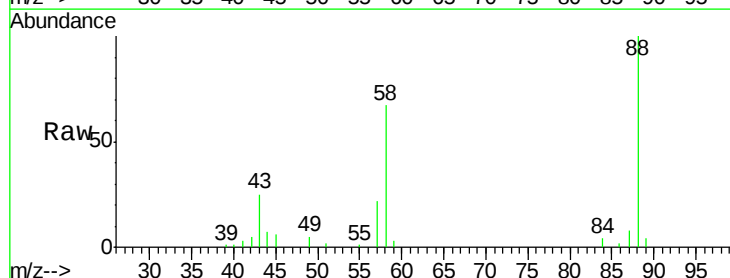
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



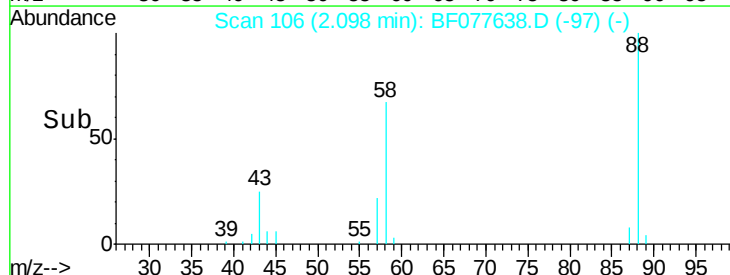
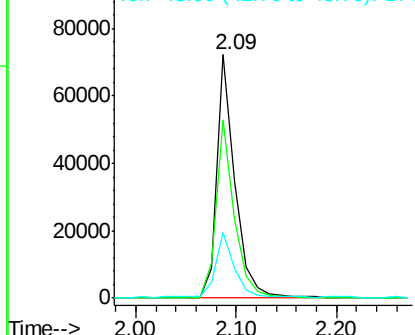
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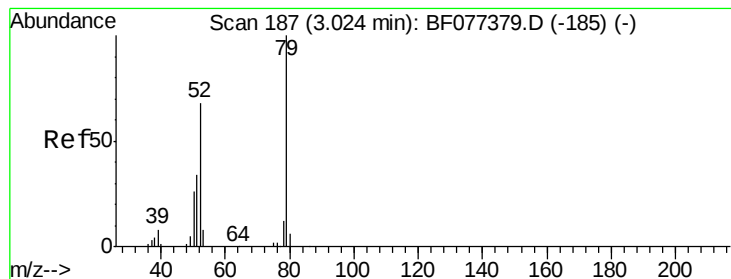
1,4-Dioxane
Concen: 40.03 ng
RT: 2.09 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 88 Resp: 90443
Ion Ratio Lower Upper
88 100
58 73.8 62.1 93.1
43 26.9 24.0 36.0



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: 38.41 ng

RT: 2.81 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

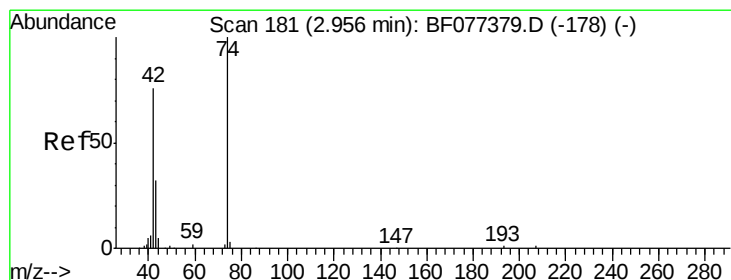
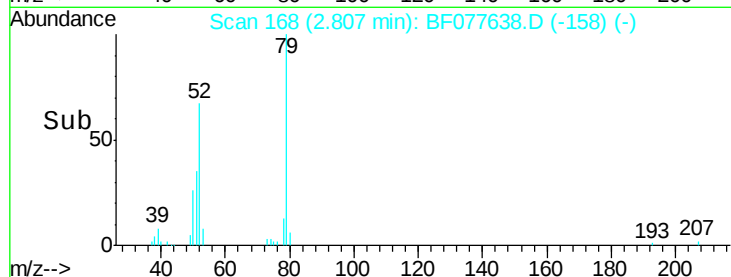
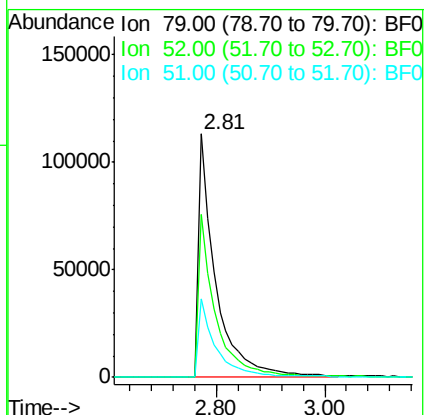
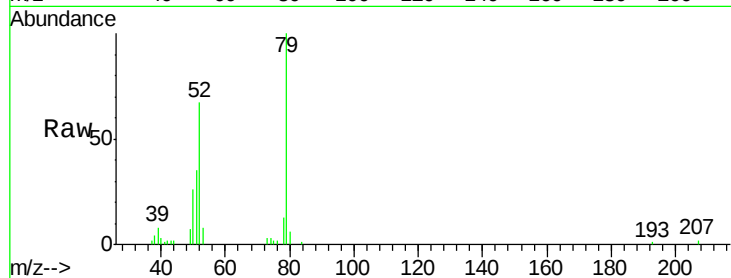
Tot Ion: 79 Resp: 248243

Ion Ratio Lower Upper

79 100

52 66.9 57.7 86.5

51 35.2 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 42.43 ng

RT: 2.72 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

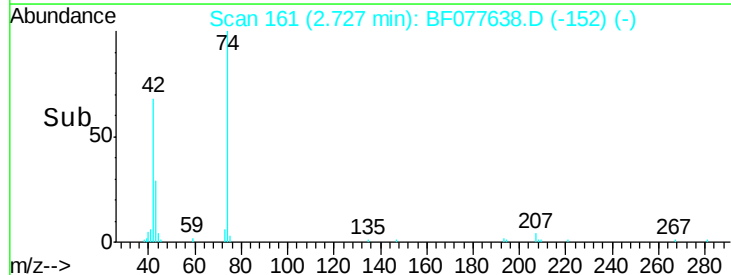
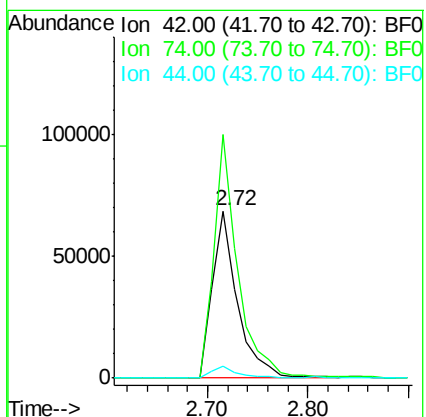
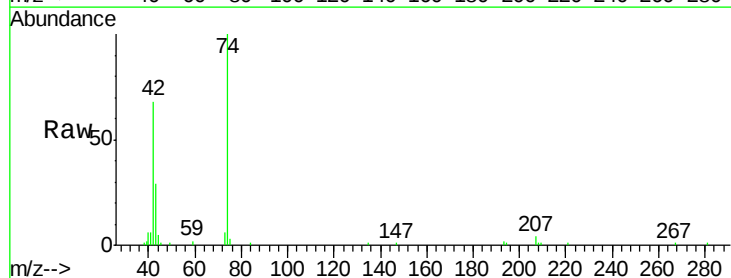
Tgt Ion: 42 Resp: 119227

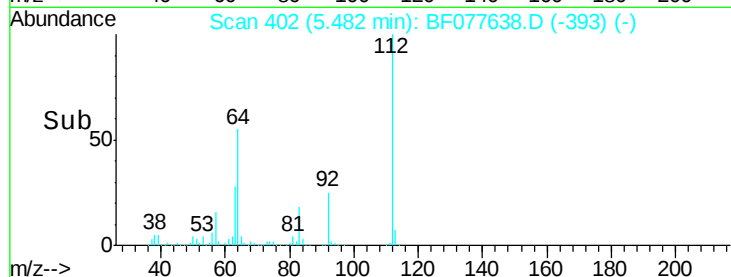
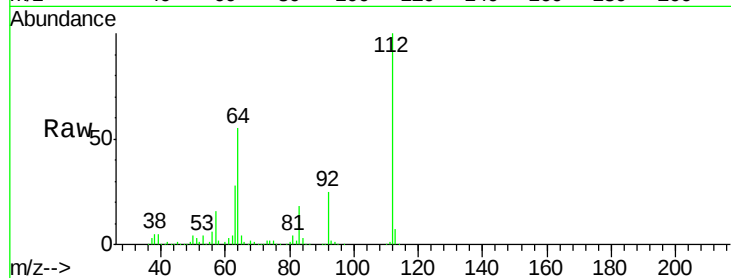
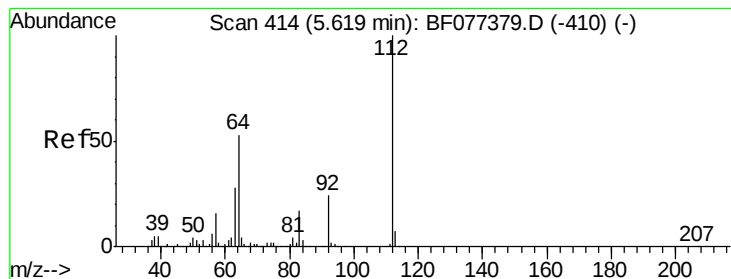
Ion Ratio Lower Upper

42 100

74 146.2 107.1 160.7

44 7.0 6.7 10.1





#5

2-Fluorophenol

Concen: 81.88 ng

RT: 5.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

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ClientSampleId :

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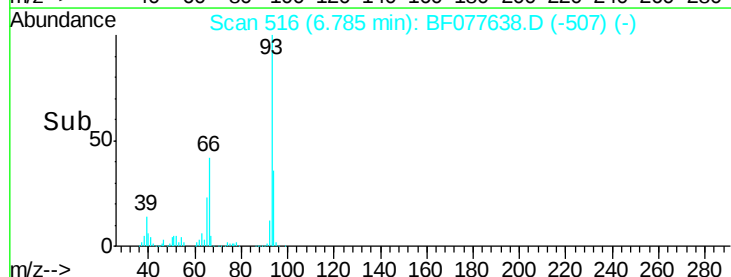
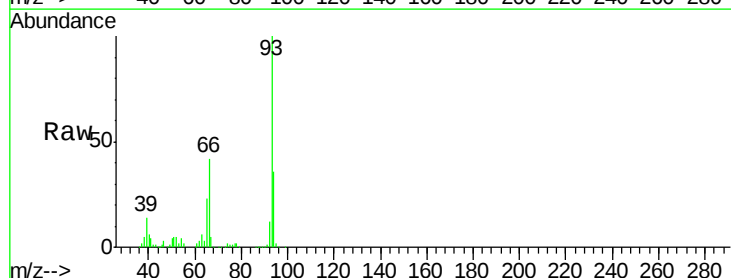
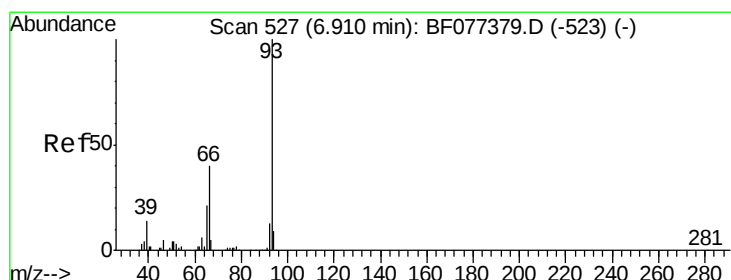
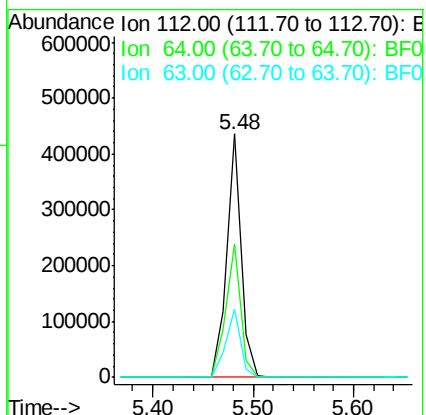
Tot Ion:112 Resp: 435898

Ion Ratio Lower Upper

112 100

64 54.9 48.5 72.7

63 28.2 25.0 37.4



#6

Aniline

Concen: 40.60 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

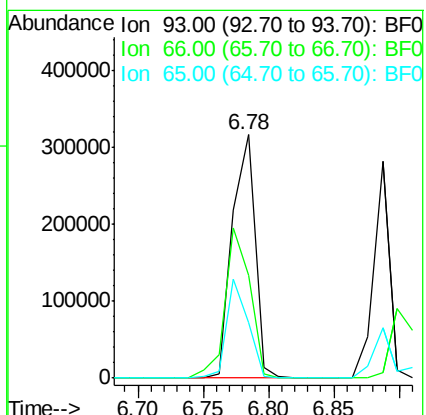
Tgt Ion: 93 Resp: 384106

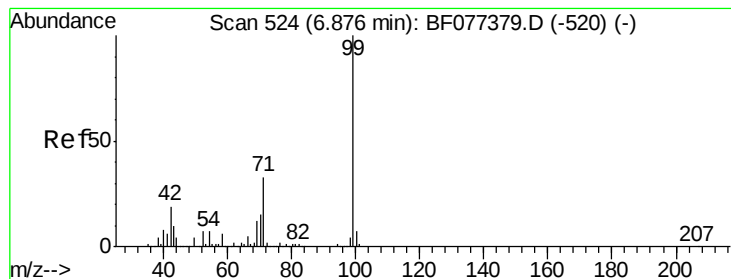
Ion Ratio Lower Upper

93 100

66 42.3 29.1 43.7

65 22.9 14.6 22.0#





#7

Phenol-d6

Concen: 80.89 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

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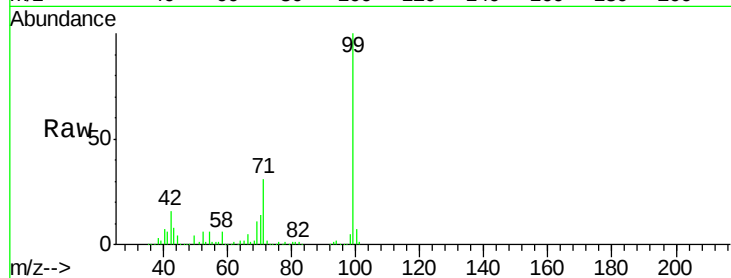
Tot Ion: 99 Resp: 553701

Ion Ratio Lower Upper

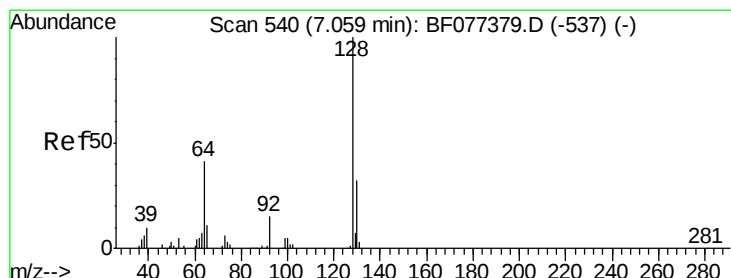
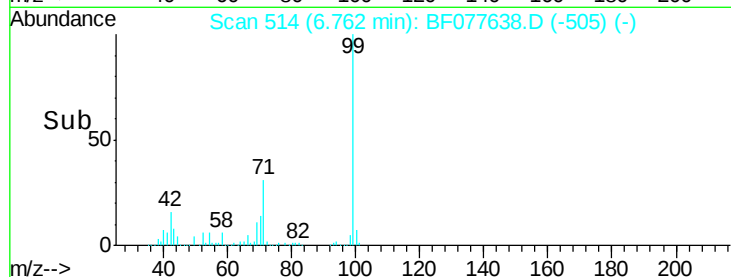
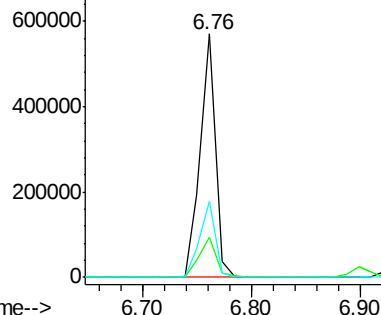
99 100

42 16.3 16.2 24.4

71 31.4 26.7 40.1



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: 39.22 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

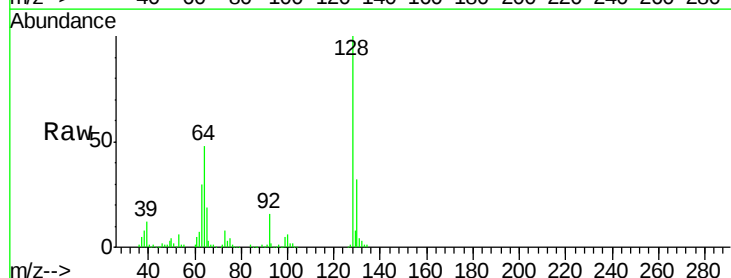
Tgt Ion: 128 Resp: 246324

Ion Ratio Lower Upper

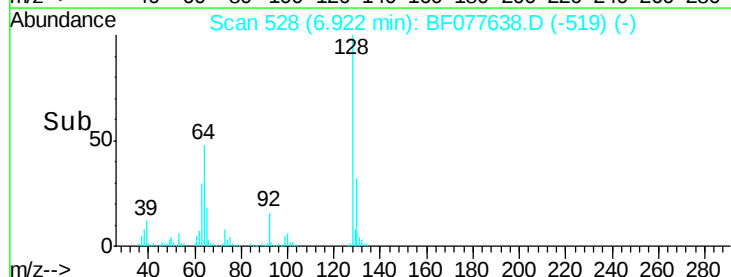
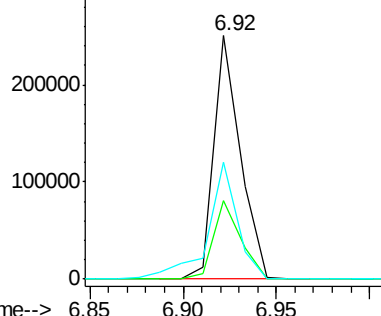
128 100

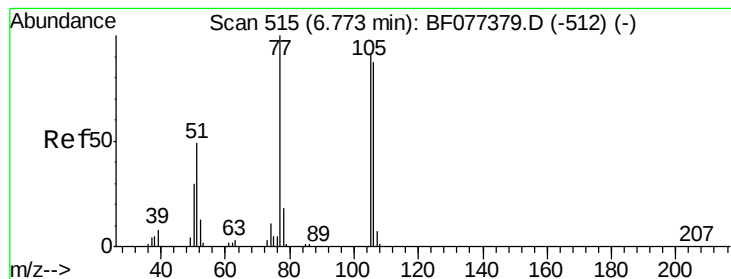
130 32.2 12.0 52.0

64 48.2 29.2 69.2



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: 37.65 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

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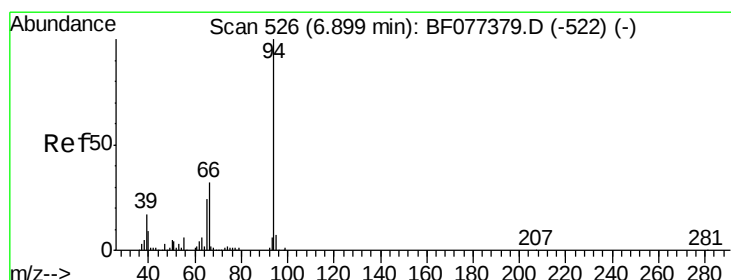
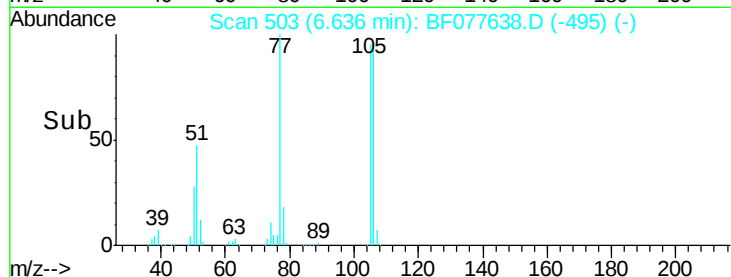
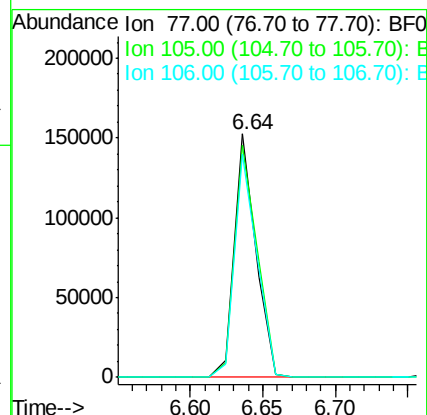
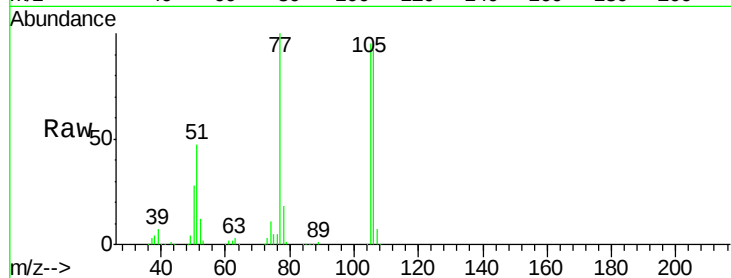
Tot Ion: 77 Resp: 156455

Ion Ratio Lower Upper

77 100

105 95.1 85.9 125.9

106 91.7 82.9 122.9



#10

Phenol

Concen: 38.05 ng

RT: 6.78 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

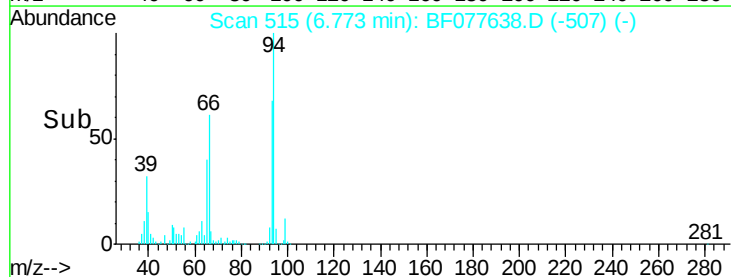
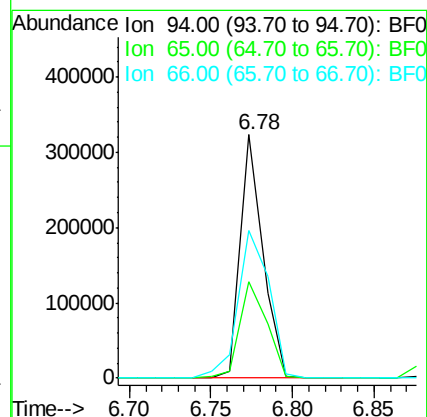
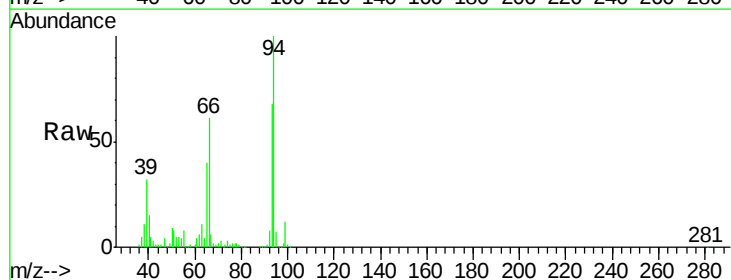
Tgt Ion: 94 Resp: 309061

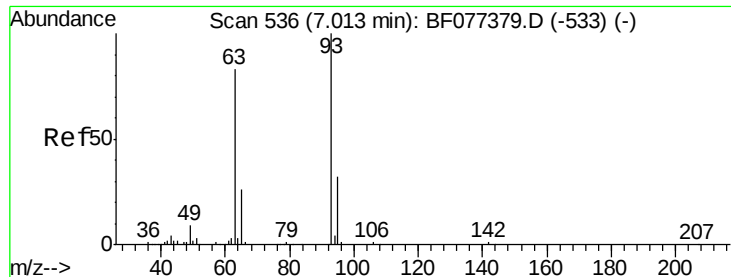
Ion Ratio Lower Upper

94 100

65 39.9 5.7 45.7

66 60.7 13.6 53.6#

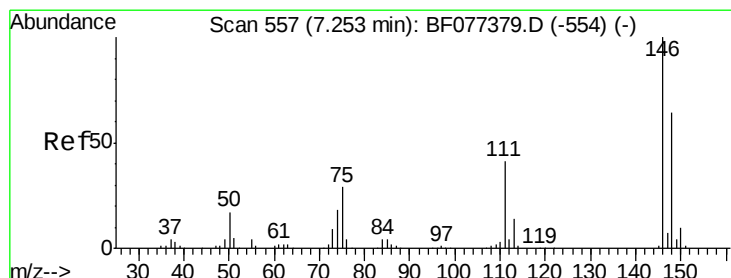
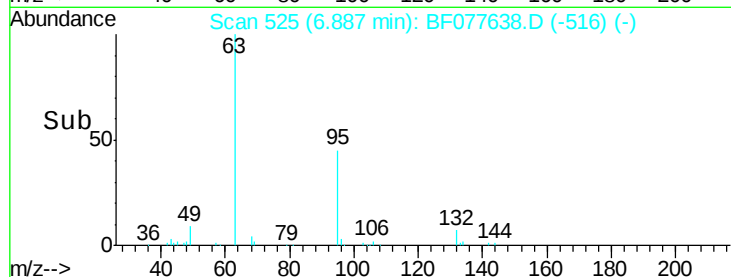
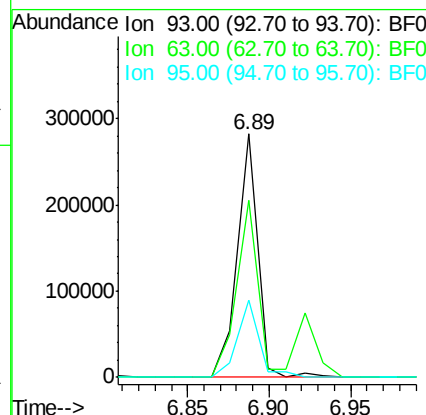
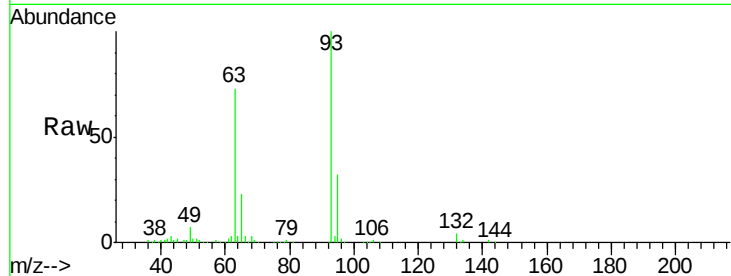




#11
bis(2-Chloroethyl)ether
Concen: 41.81 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

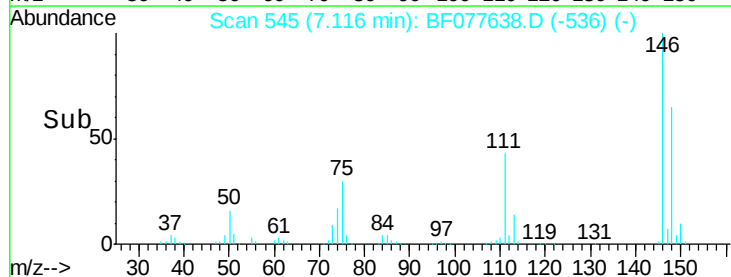
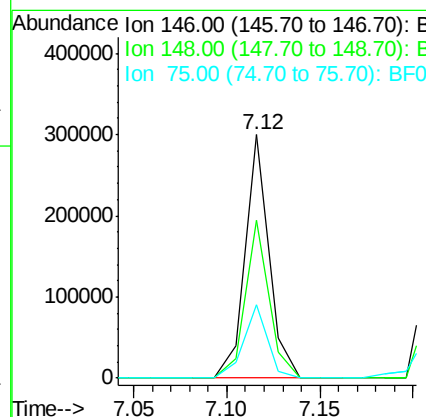
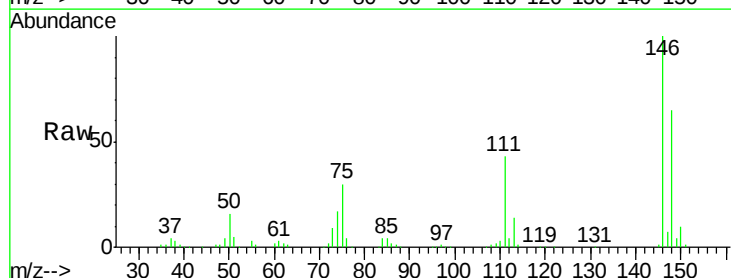
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

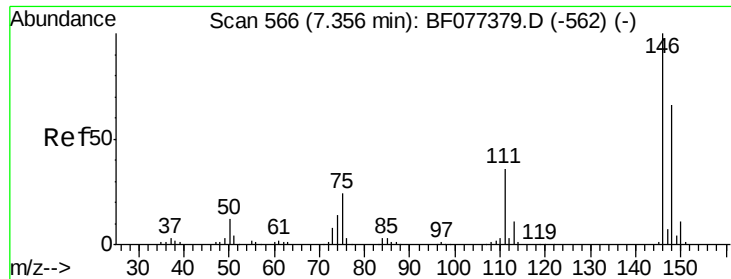
Tot Ion: 93 Resp: 244023
Ion Ratio Lower Upper
93 100
63 72.8 48.7 88.7
95 31.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.05 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 146 Resp: 267052
Ion Ratio Lower Upper
146 100
148 65.0 49.8 74.8
75 29.9 28.2 42.4

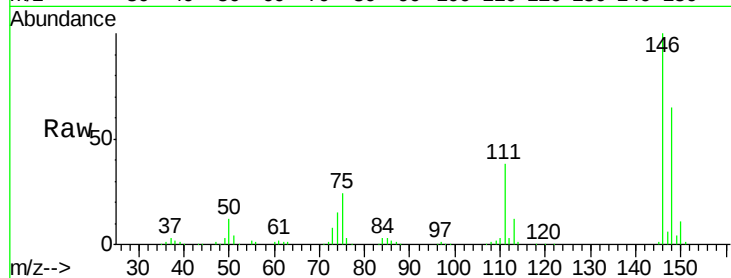




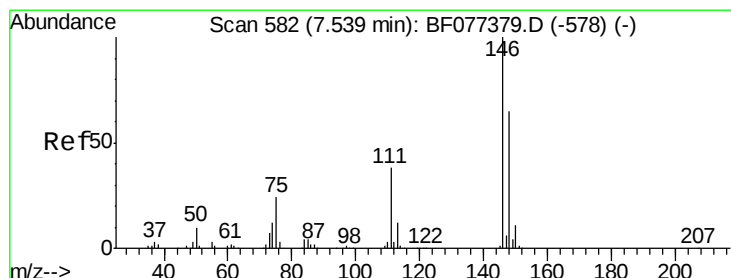
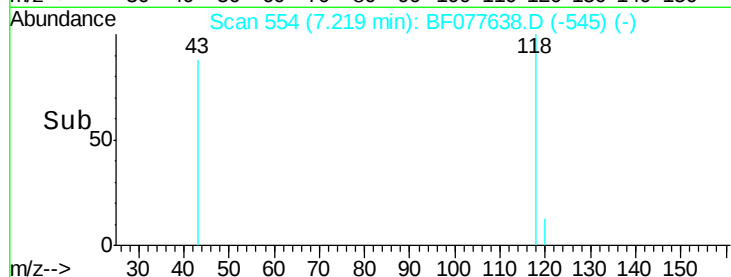
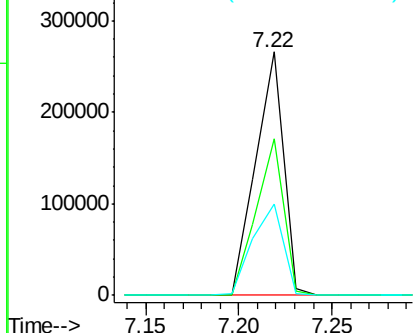
#13
 1,4-Dichlorobenzene
 Concen: 39.56 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 275227
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 37.7 31.9 47.9

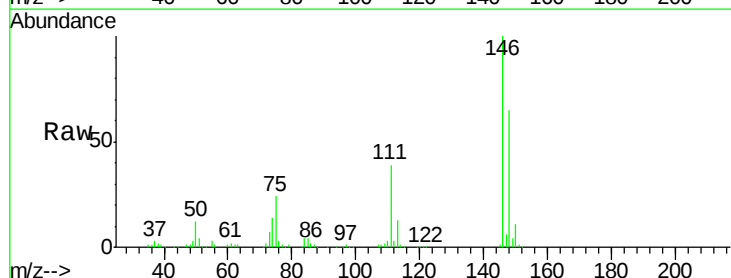


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

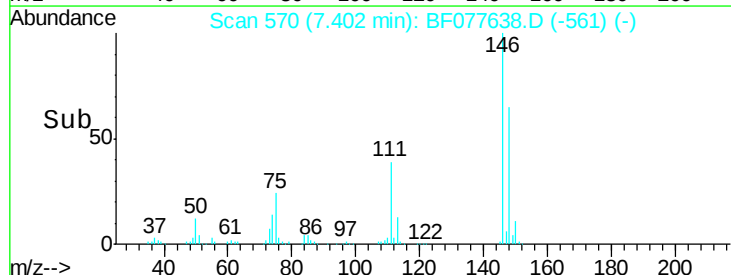
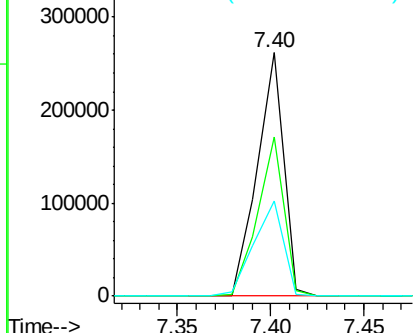


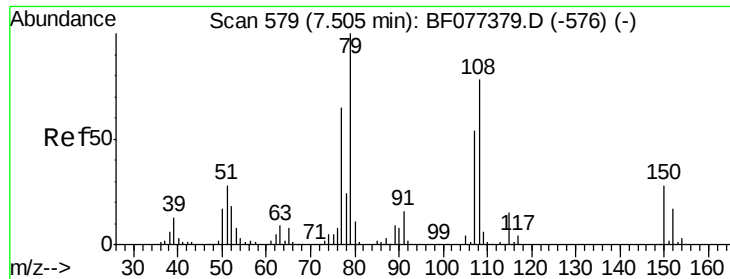
#14
 1,2-Dichlorobenzene
 Concen: 38.76 ng
 RT: 7.40 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:146 Resp: 256500
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.6 77.4
 111 39.1 34.2 51.2



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: 40.20 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

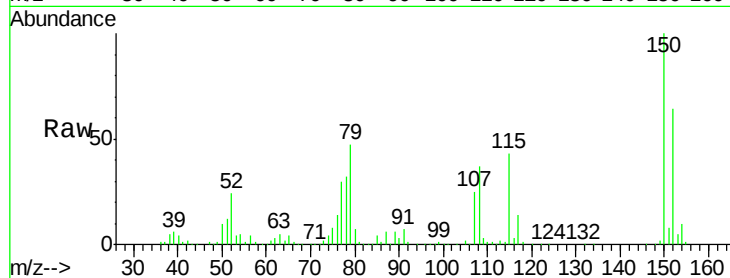
Tot Ion: 79 Resp: 209186

Ion Ratio Lower Upper

79 100

108 79.8 58.3 87.5

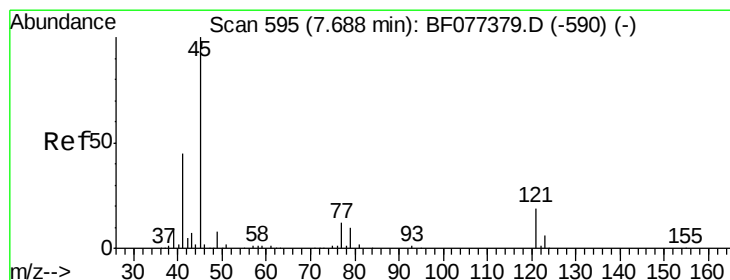
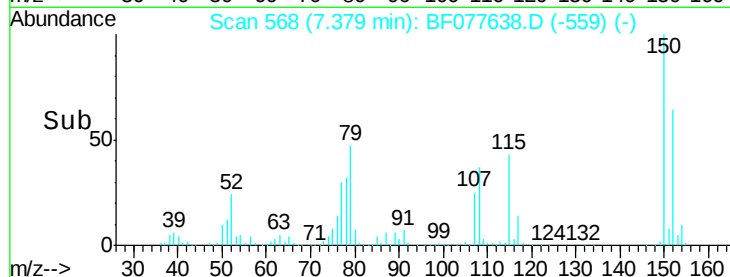
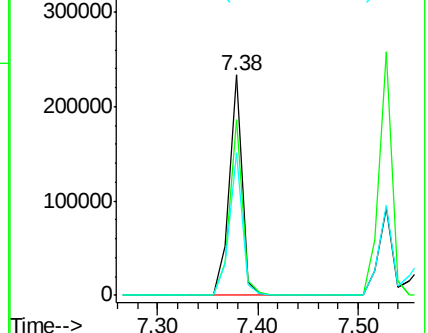
77 64.8 51.3 76.9



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: 37.69 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

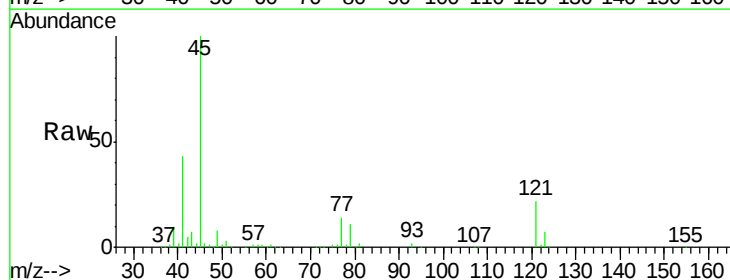
Tgt Ion: 45 Resp: 314463

Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

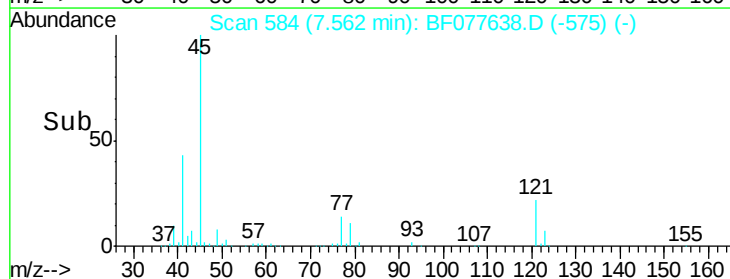
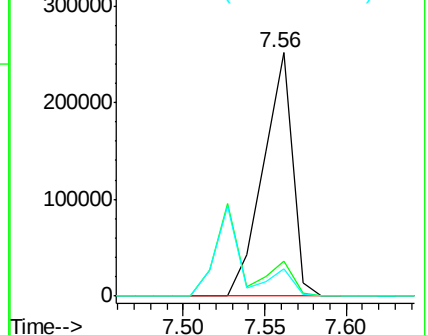
79 11.2 0.0 31.5

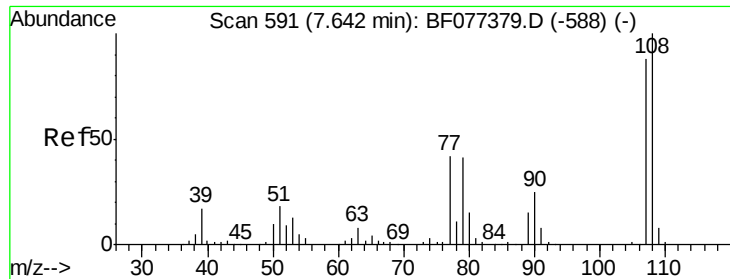


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

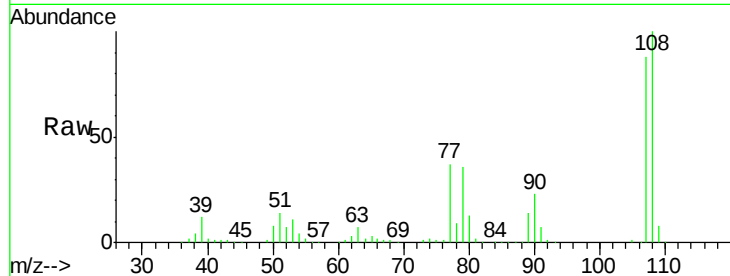




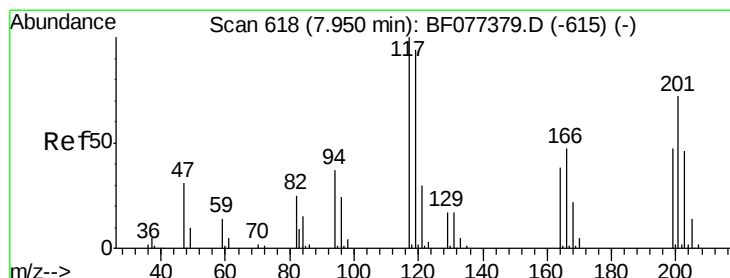
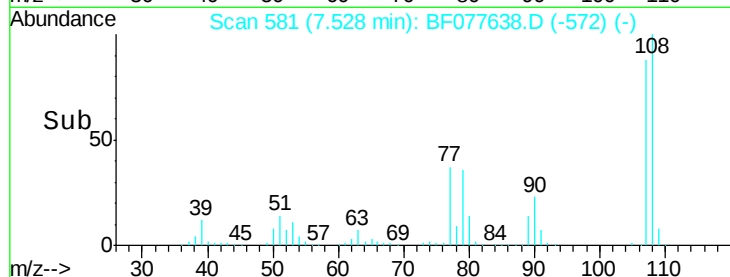
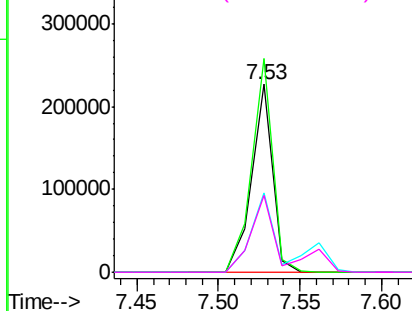
#17
2-Methylphenol
Concen: 41.09 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	201720
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.2	136.8
77	42.2	33.6	50.4
79	40.9	32.1	48.1

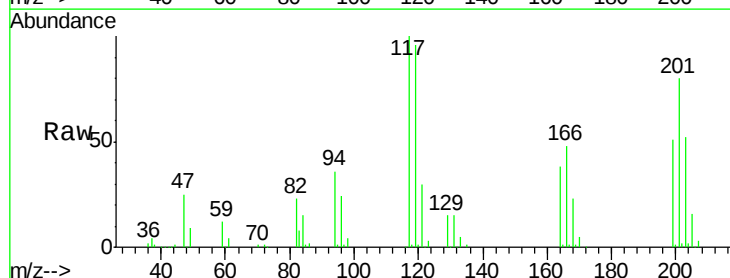


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

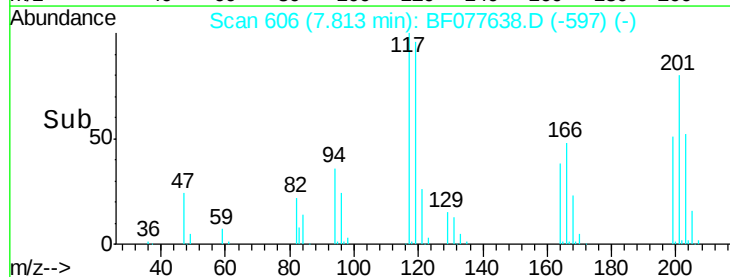
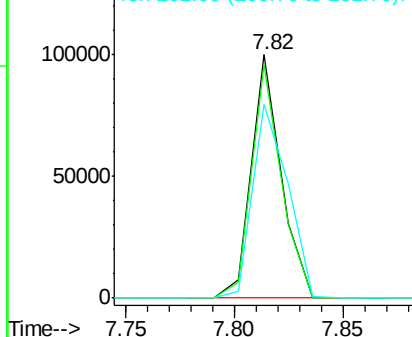


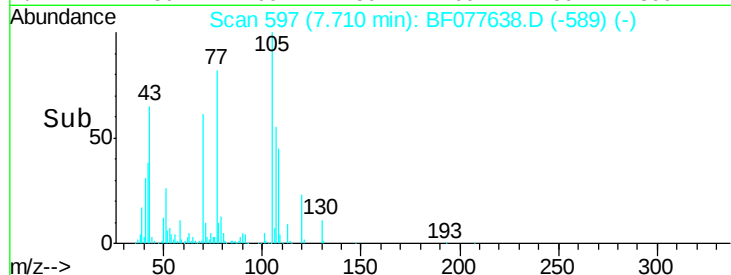
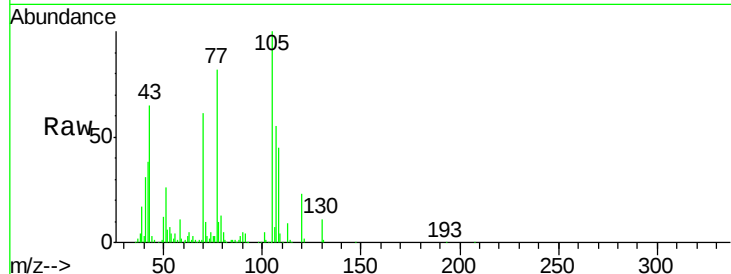
#18
Hexachloroethane
Concen: 40.63 ng
RT: 7.82 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:	117	Resp:	94401
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.8
201	79.7	90.6	136.0#



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

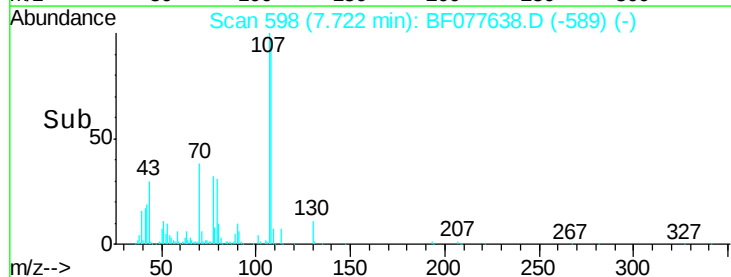
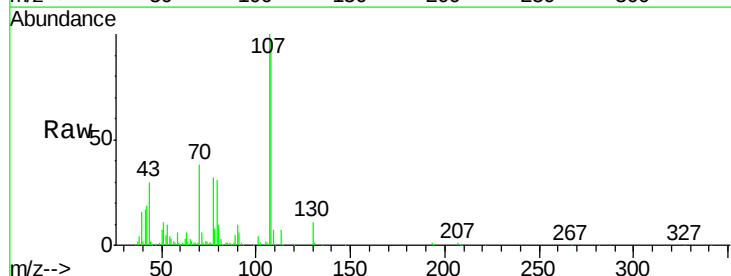
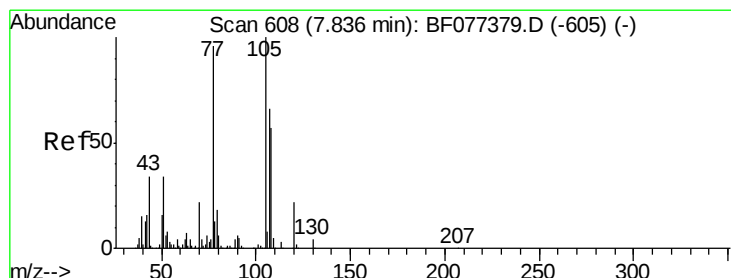
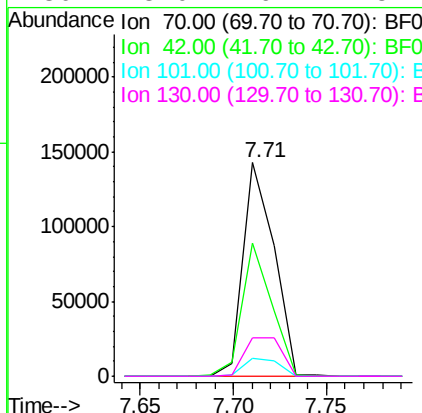




#19
n-Nitroso-di-n-propylamine
Concen: 37.97 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

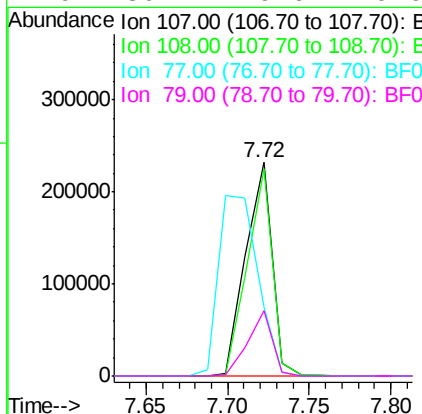
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

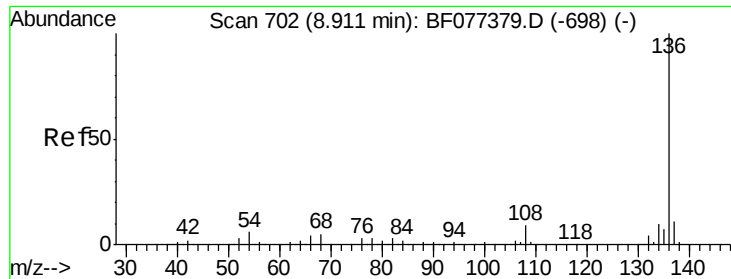
Tot Ion: 70 Resp: 165069
Ion Ratio Lower Upper
70 100
42 62.6 48.3 72.5
101 8.7 7.5 11.3
130 18.0 16.7 25.1



#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 107 Resp: 260986
Ion Ratio Lower Upper
107 100
108 96.9 76.8 116.8
77 32.4 65.8 105.8#
79 30.7 9.6 49.6

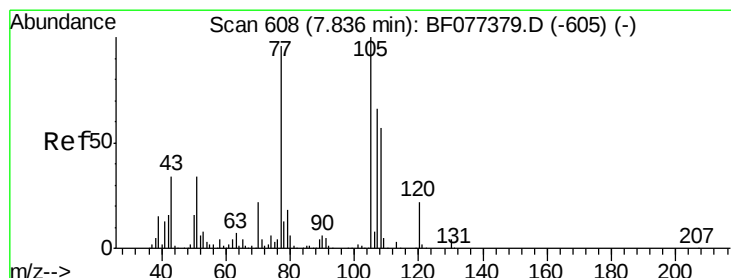
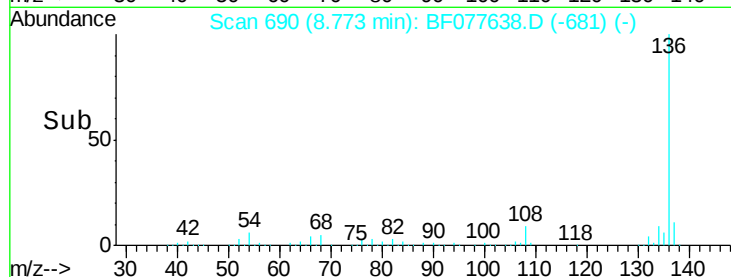
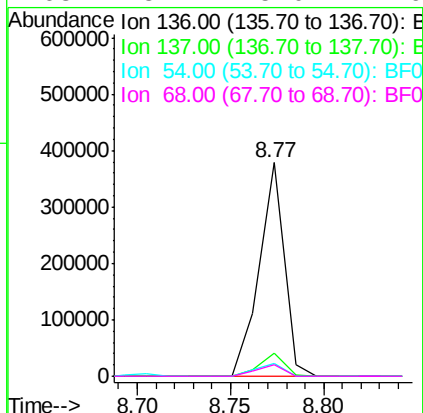
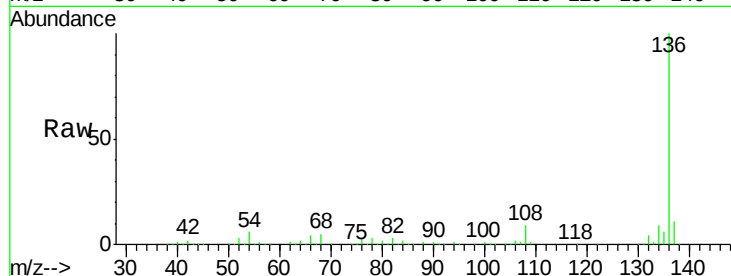




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

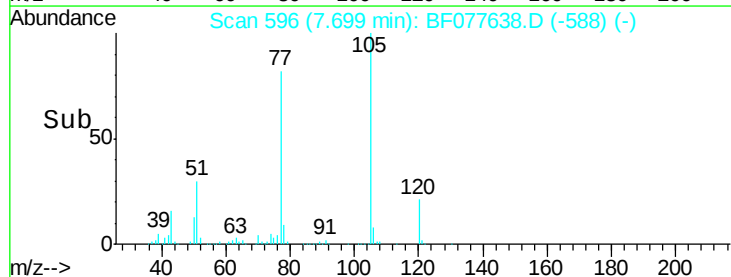
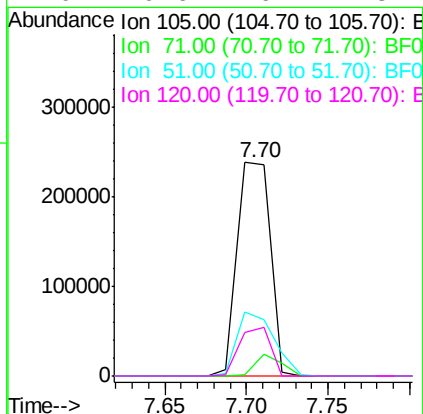
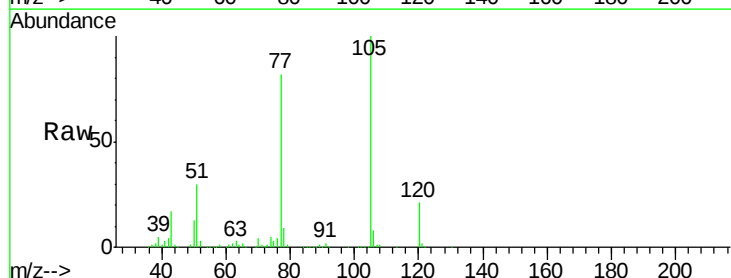
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

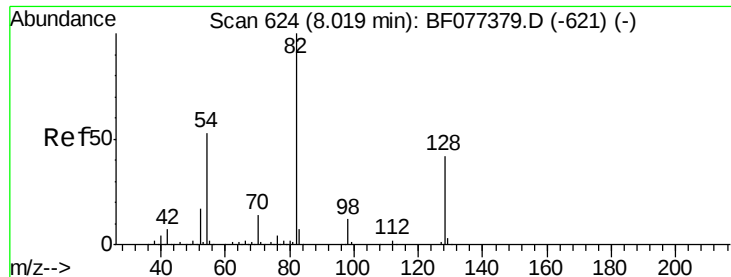
Tot Ion:136	Resp:	350067
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	6.2	6.2 9.4#
68	5.2	5.0 7.6



#22
Acetophenone
Concen: 40.49 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:105	Resp:	333427
Ion Ratio	Lower	Upper
105	100	
71	0.7	1.7 2.5#
51	29.9	30.7 46.1#
120	20.6	16.7 25.1

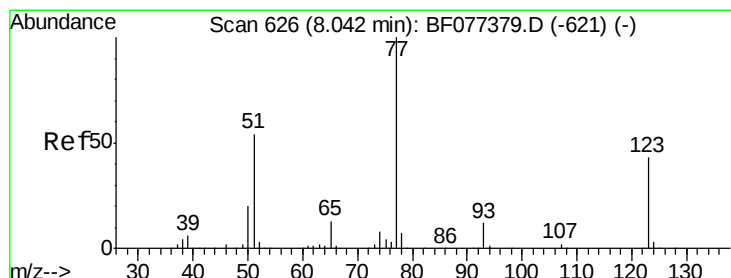
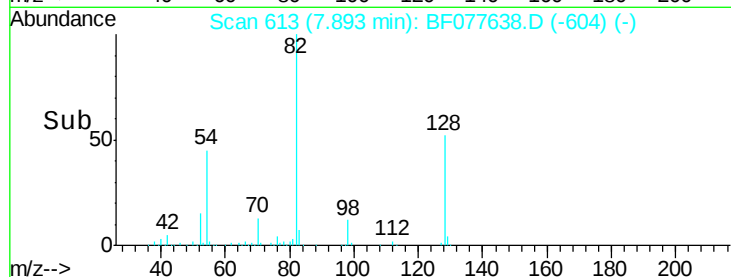
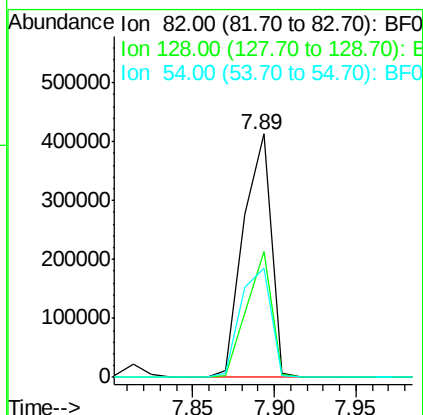
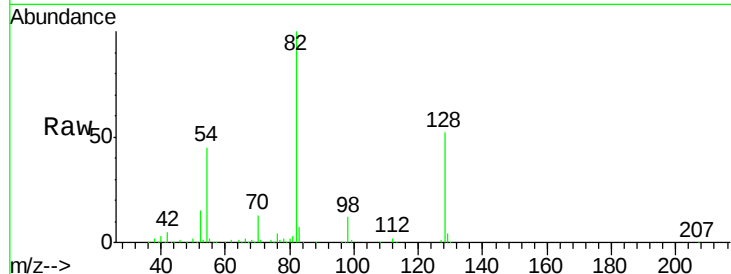




#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 7.89 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

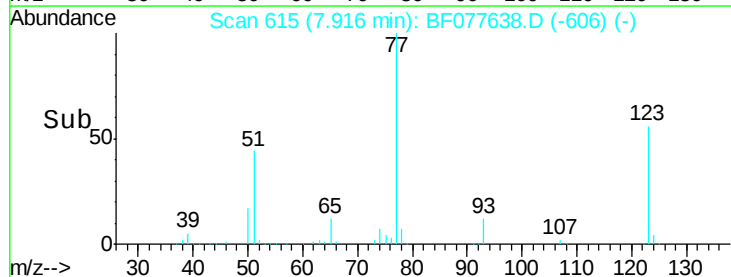
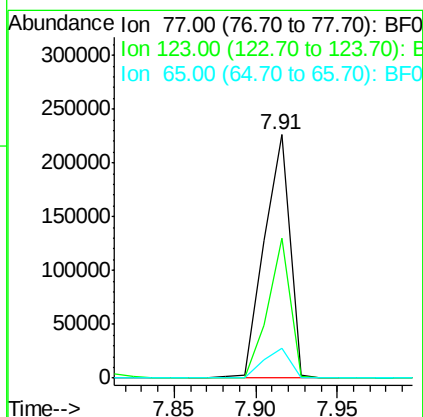
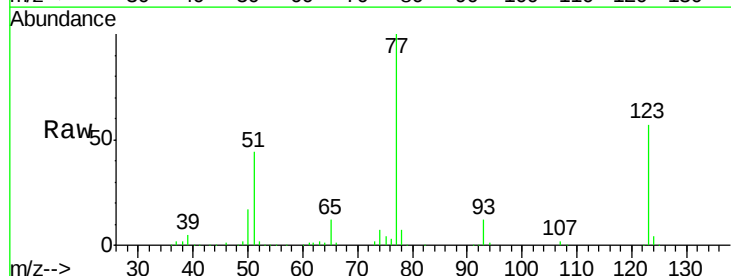
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

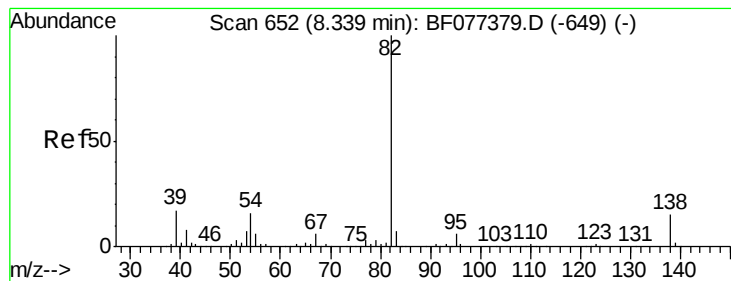
Tot Ion: 82 Resp: 487323
Ion Ratio Lower Upper
82 100
128 51.8 43.8 65.8
54 45.0 36.7 55.1



#24
Nitrobenzene
Concen: 41.82 ng
RT: 7.91 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 77 Resp: 247661
Ion Ratio Lower Upper
77 100
123 57.3 45.9 68.9
65 12.3 9.5 14.3





#25

Isophorone

Concen: 40.24 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

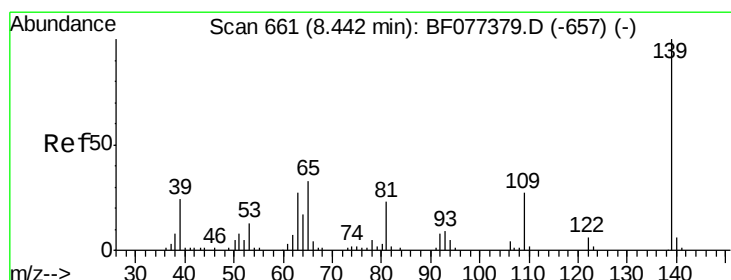
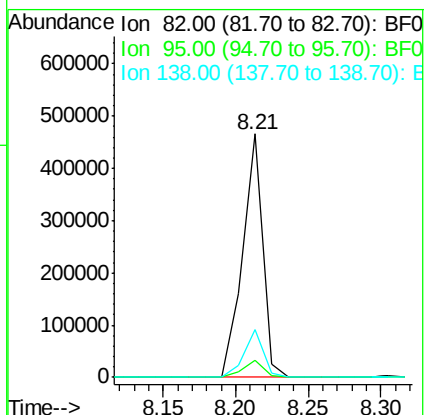
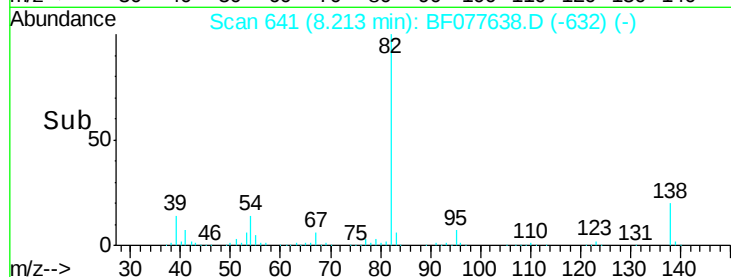
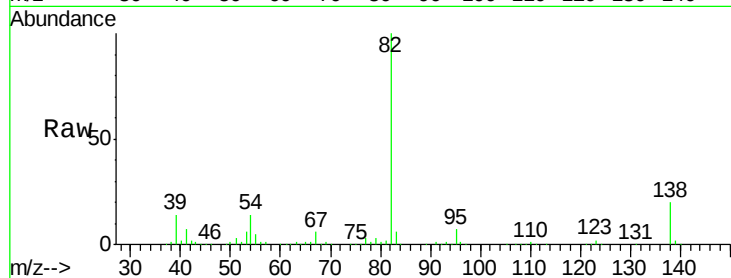
Tot Ion: 82 Resp: 449453

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 19.5 16.3 24.5



#26

2-Nitrophenol

Concen: 52.60 ng

RT: 8.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

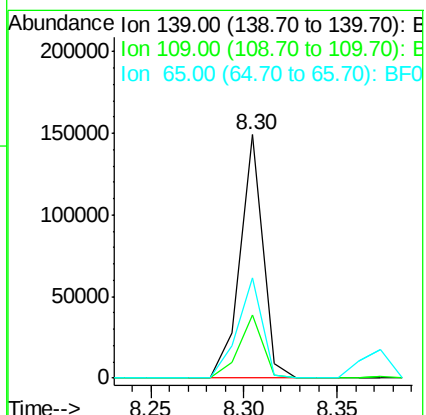
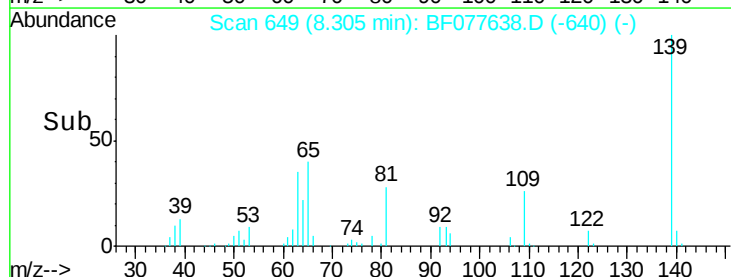
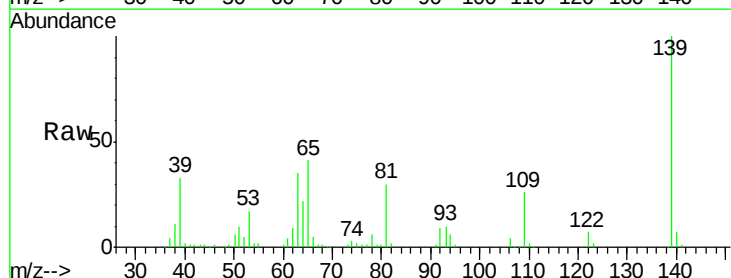
Tgt Ion: 139 Resp: 127678

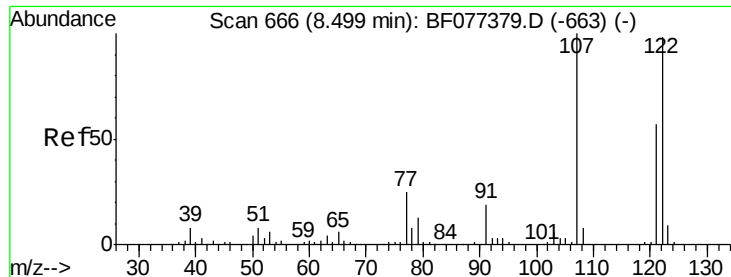
Ion Ratio Lower Upper

139 100

109 26.2 22.6 34.0

65 41.3 36.4 54.6

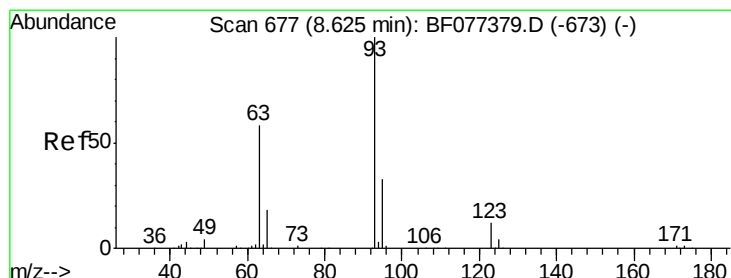
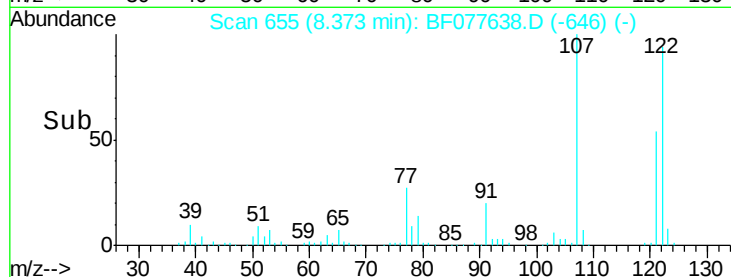
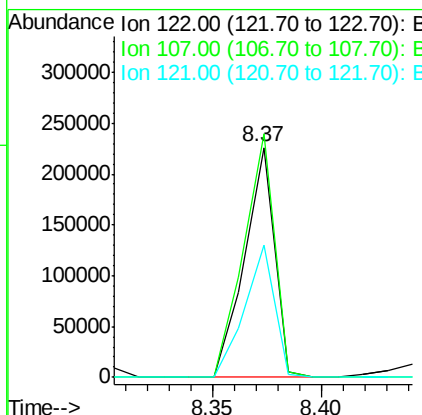
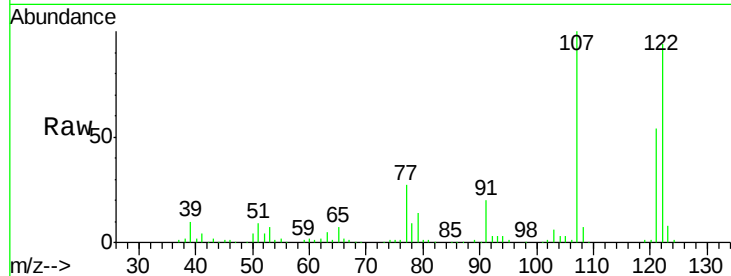




#27
2,4-Dimethylphenol
Concen: 40.05 ng
RT: 8.37 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

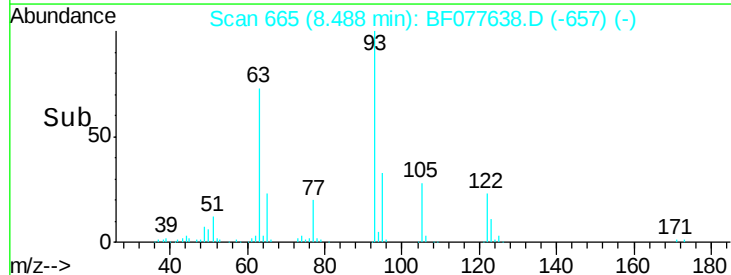
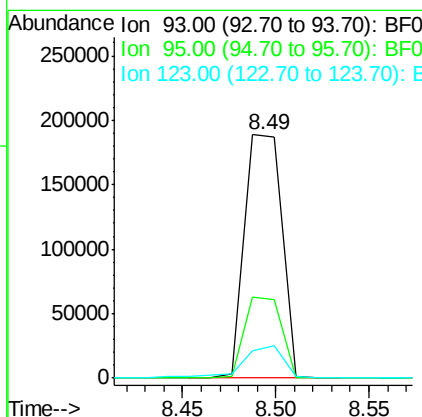
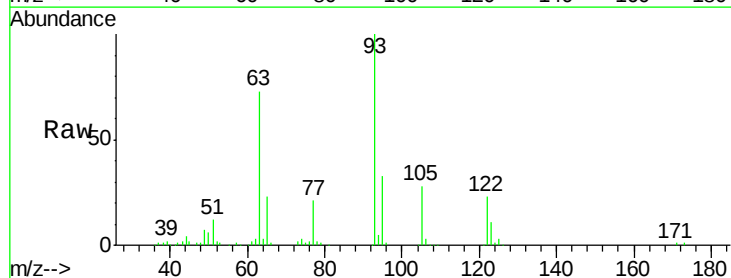
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

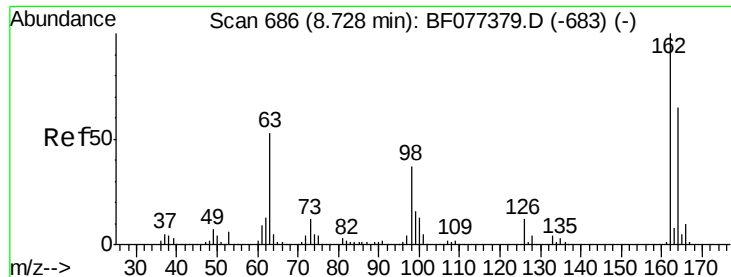
Tot Ion:122 Resp: 217527
Ion Ratio Lower Upper
122 100
107 105.9 86.6 130.0
121 57.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.91 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 93 Resp: 260405
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 11.0 8.7 13.1

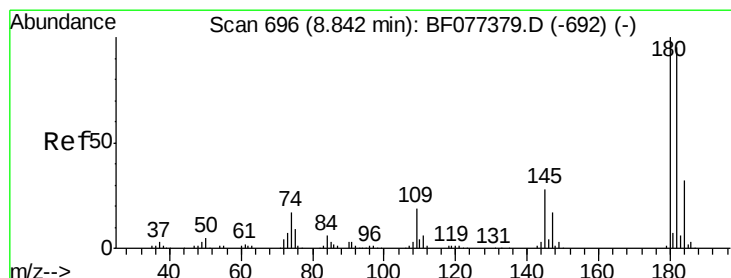
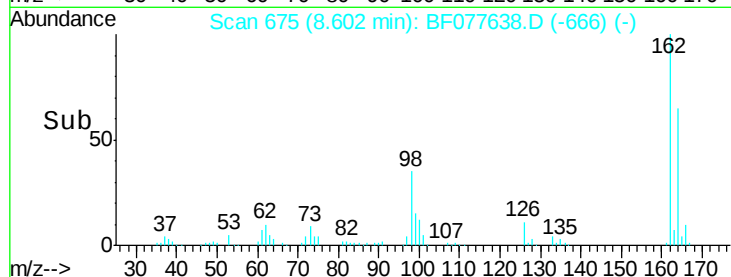
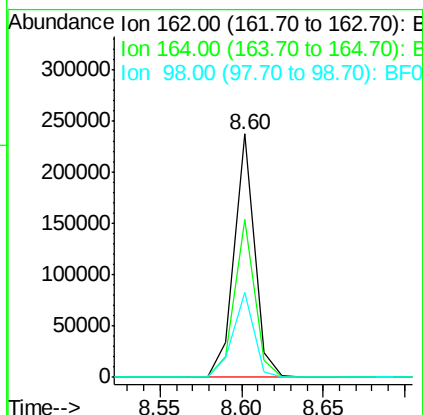
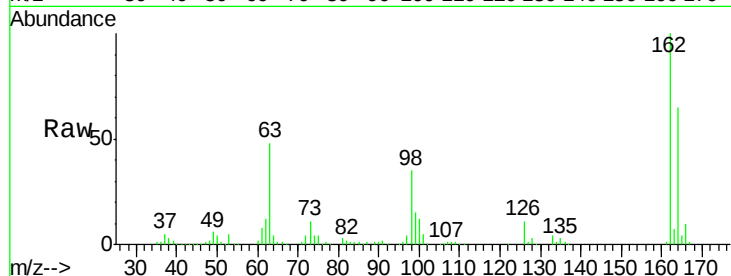




#29
 2,4-Dichlorophenol
 Concen: 40.00 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

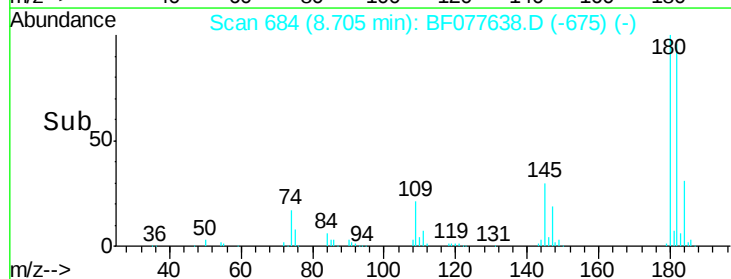
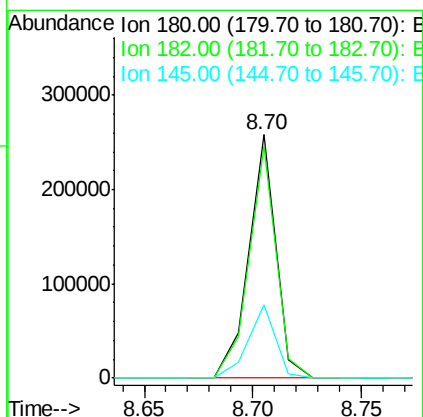
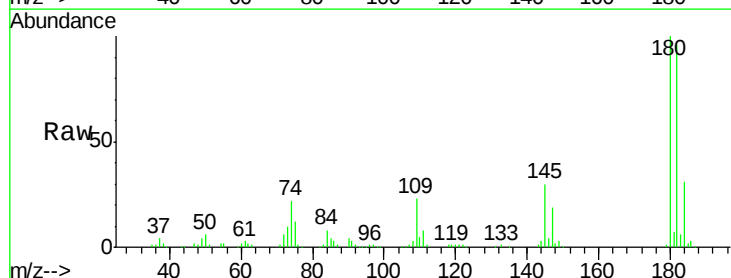
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

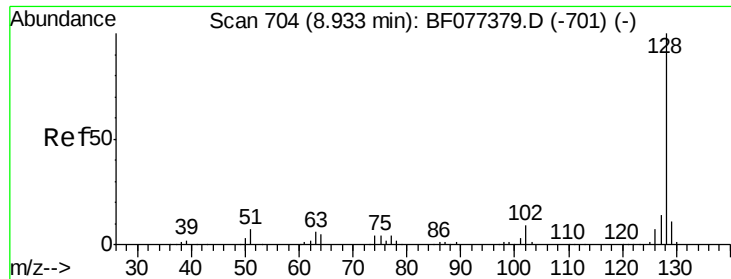
Tot Ion:162 Resp: 203946
 Ion Ratio Lower Upper
 162 100
 164 65.1 46.4 86.4
 98 34.8 6.9 46.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 8.70 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:180 Resp: 222825
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.4
 145 30.4 24.5 36.7

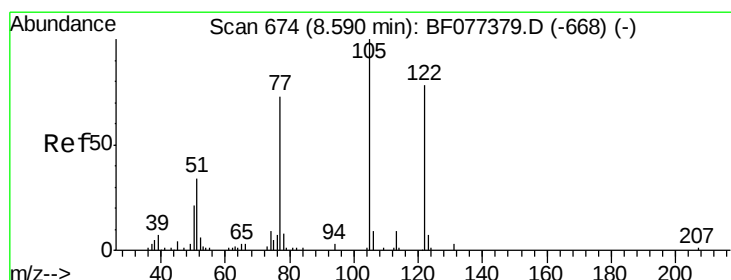
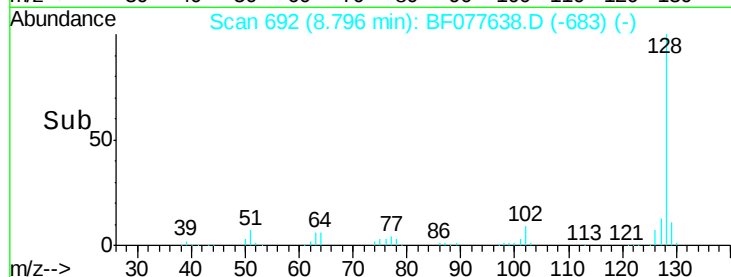
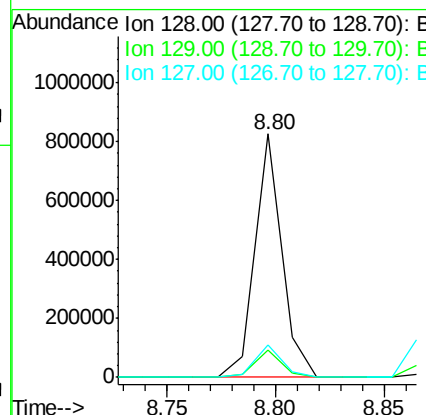
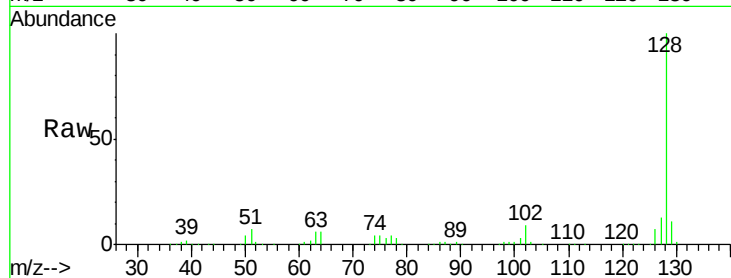




#31
Naphthalene
Concen: 40.56 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

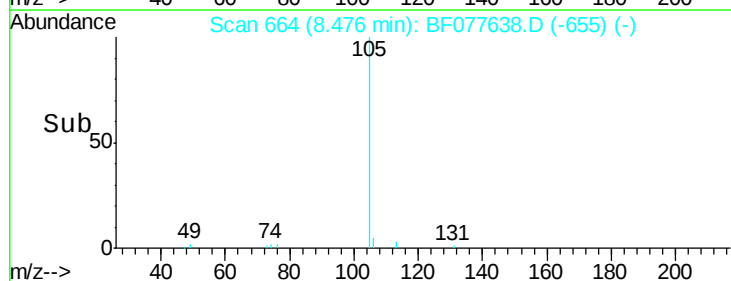
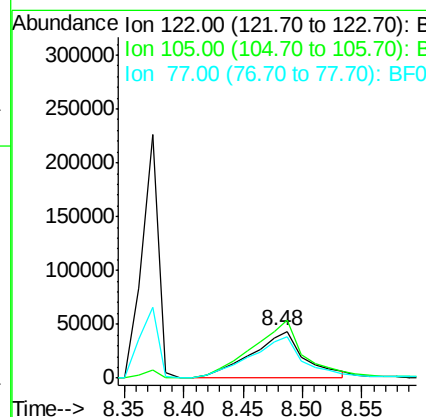
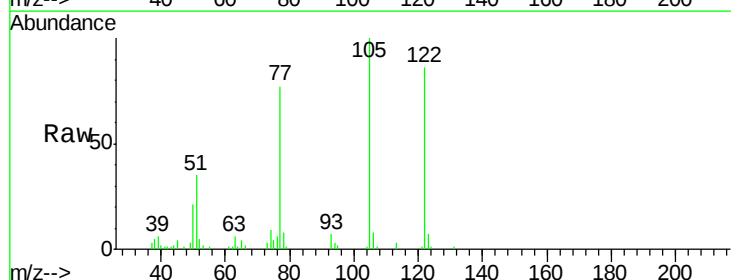
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

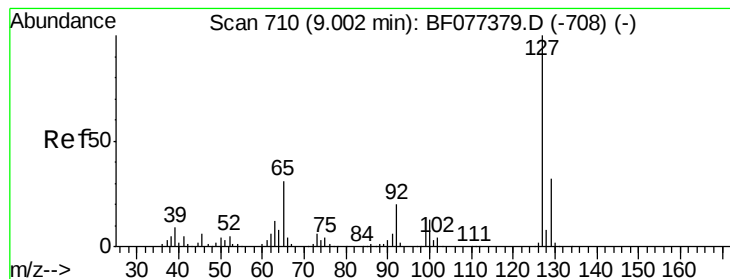
Tot Ion:128 Resp: 709972
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 49.85 ng
RT: 8.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:122 Resp: 131568
Ion Ratio Lower Upper
122 100
105 116.6 100.3 140.3
77 89.4 68.7 108.7





#33

4-Chloroaniline

Concen: 40.04 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

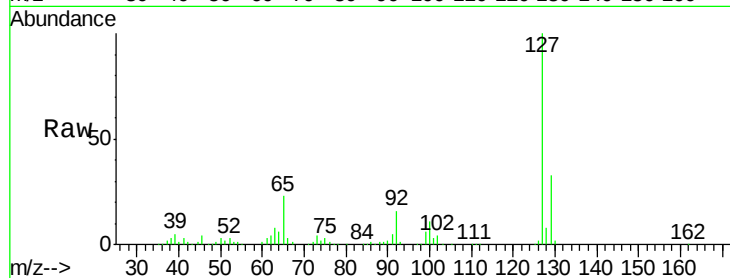
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	127	Resp:	311627
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.9	40.3
65	23.1	16.7	25.1
92	16.1	12.5	18.7

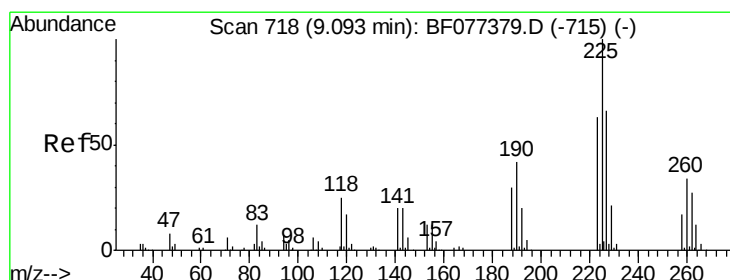
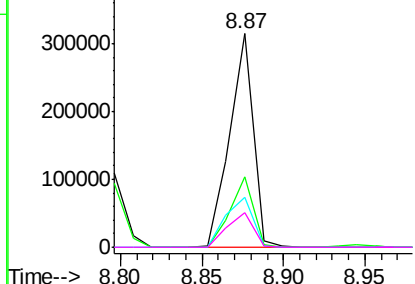
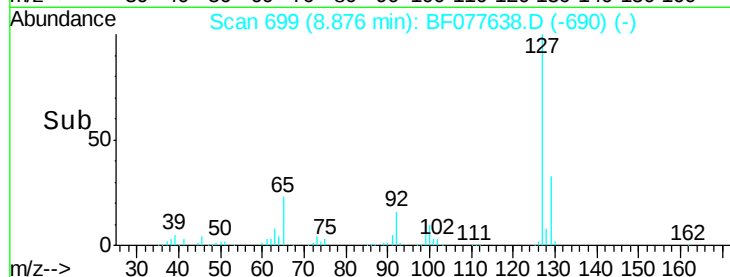


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.20 ng

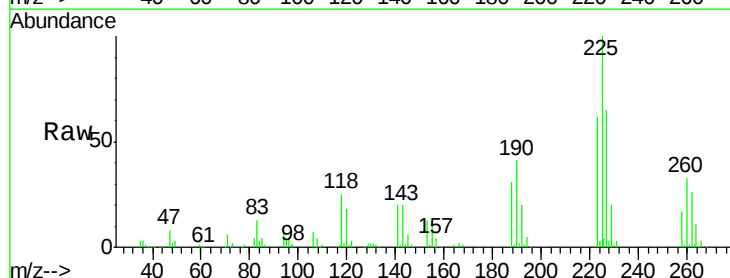
RT: 8.95 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

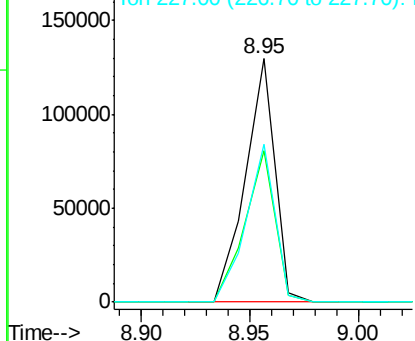
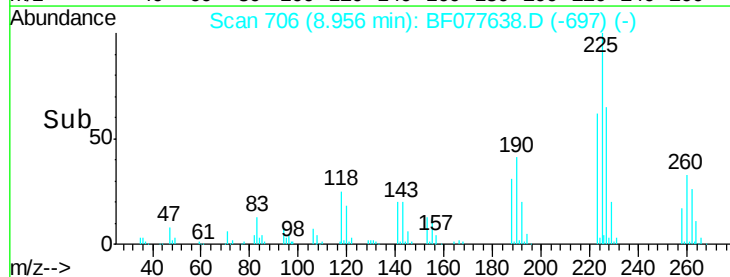
Tgt Ion:	225	Resp:	122224
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.5	74.3
227	65.1	50.5	75.7

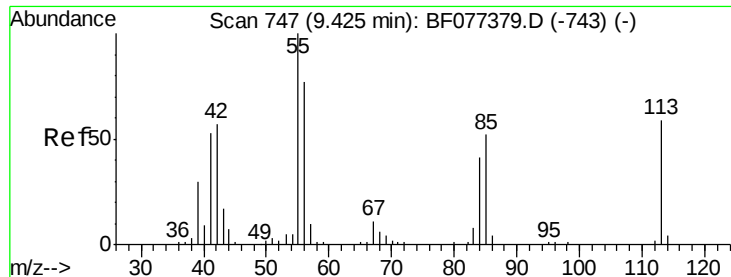


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

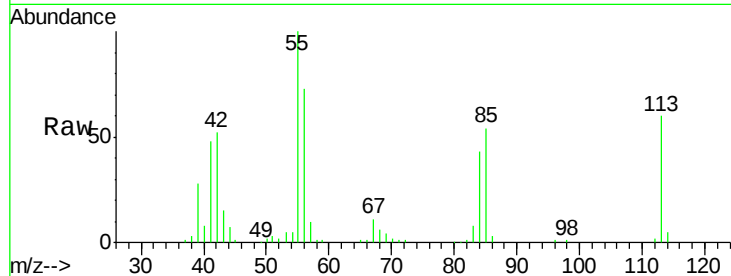




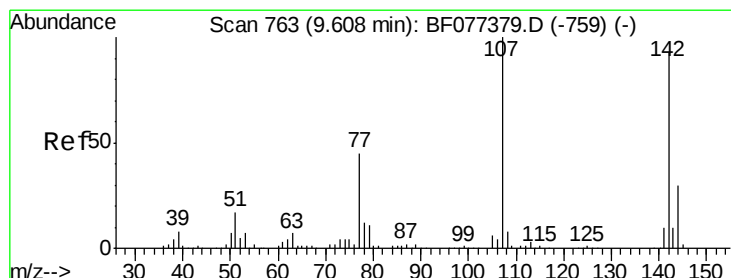
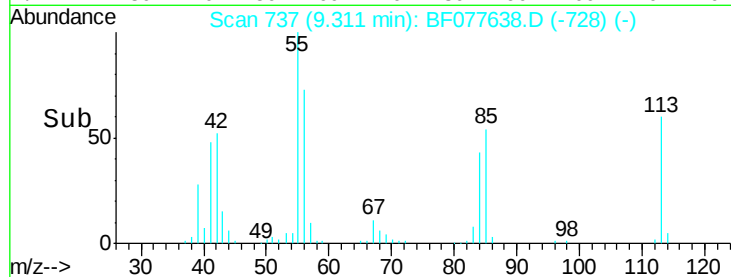
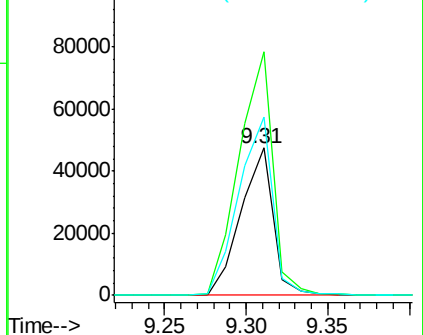
#35
Caprolactam
Concen: 41.98 ng
RT: 9.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 65334
Ion Ratio Lower Upper
113 100
55 165.5 154.6 194.6
56 121.1 114.0 154.0

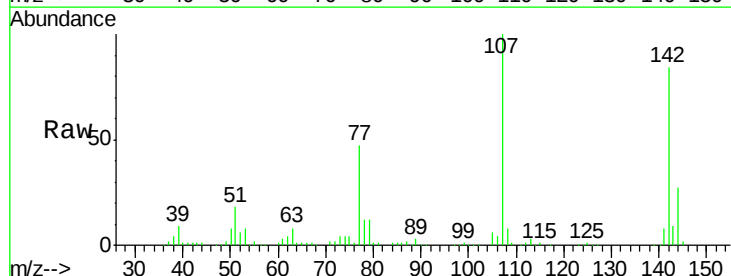


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

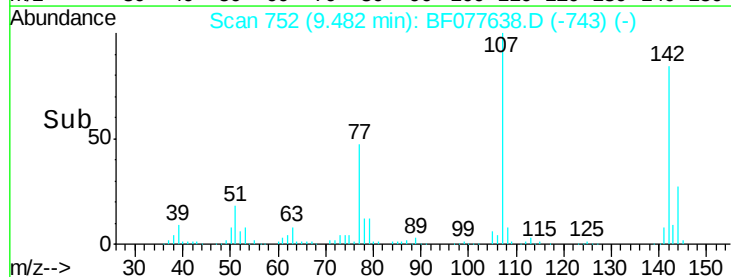
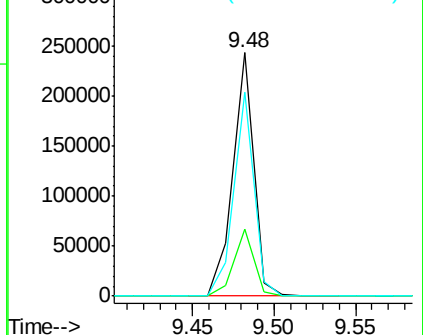


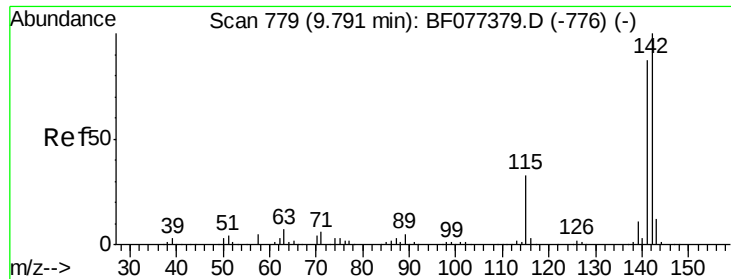
#36
4-Chloro-3-methylphenol
Concen: 41.83 ng
RT: 9.48 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:107 Resp: 214381
Ion Ratio Lower Upper
107 100
144 27.5 21.1 31.7
142 84.0 65.3 97.9



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

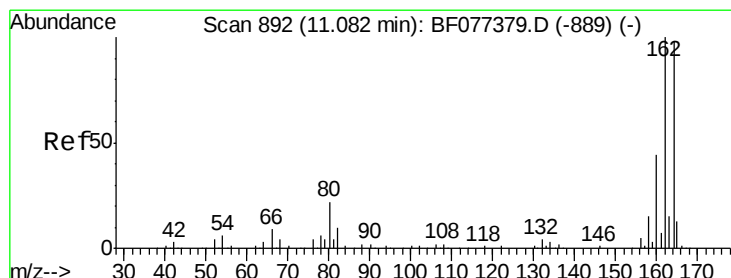
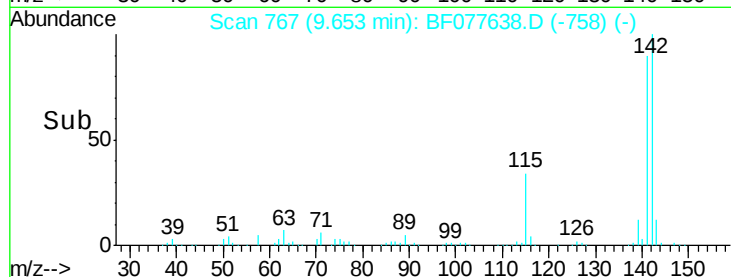
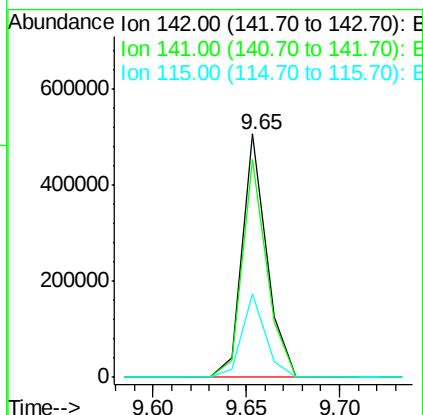
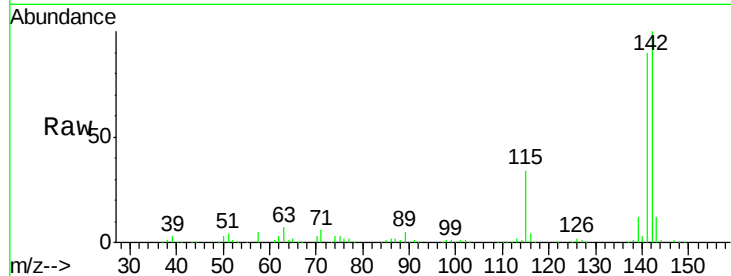




#37
2-Methylnaphthalene
Concen: 37.28 ng
RT: 9.65 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

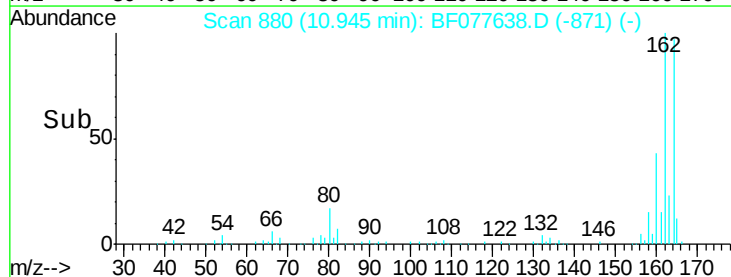
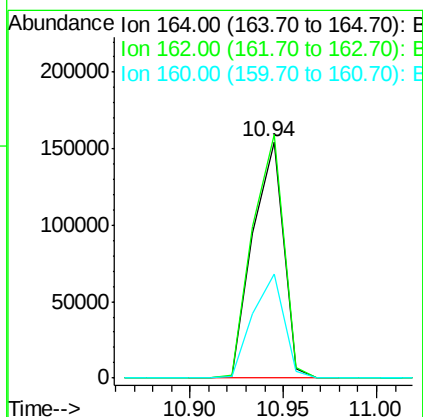
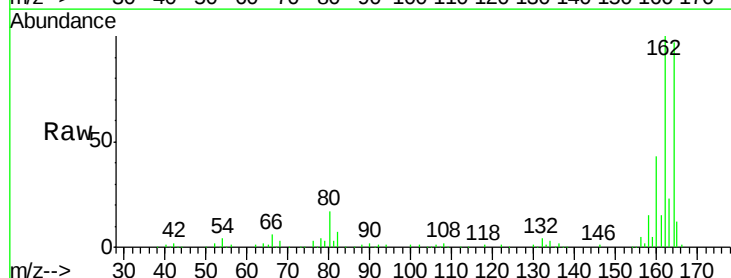
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

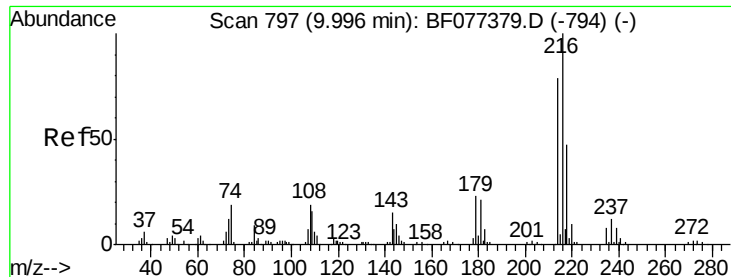
Tot Ion:142 Resp: 463498
Ion Ratio Lower Upper
142 100
141 89.5 70.7 106.1
115 34.1 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:164 Resp: 176144
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 44.2 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.15 ng

RT: 9.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 202930

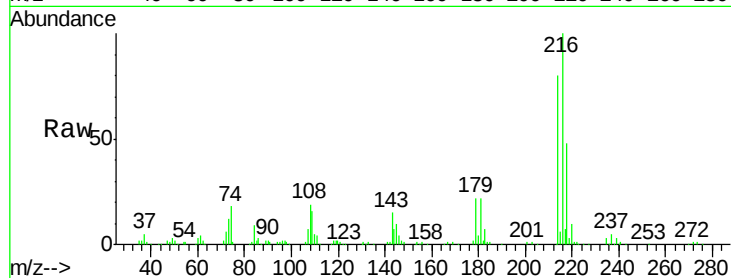
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.8 16.6 25.0

108 20.0 14.2 21.4

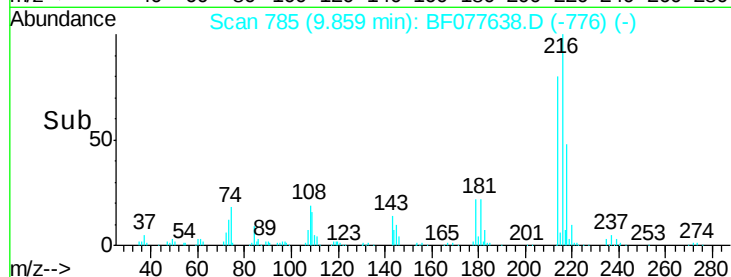


Abundance Ion 216.00 (215.70 to 216.70): E

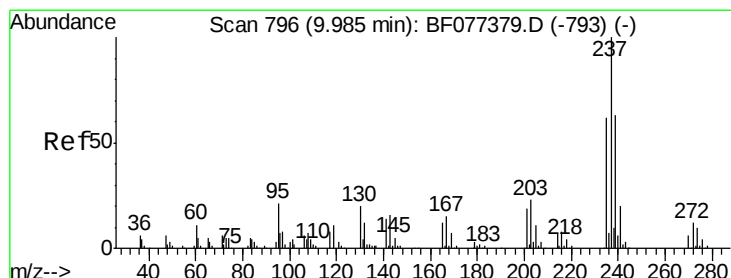
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 38.77 ng

RT: 9.85 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

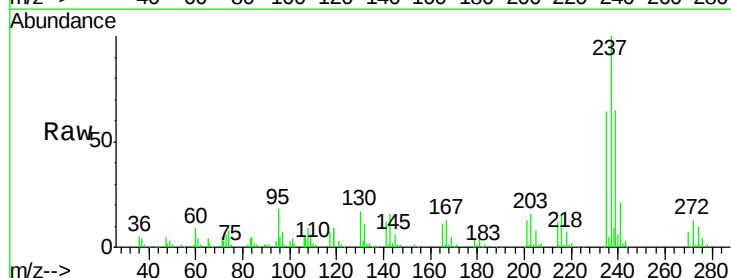
Tgt Ion:237 Resp: 105066

Ion Ratio Lower Upper

237 100

235 64.3 41.0 81.0

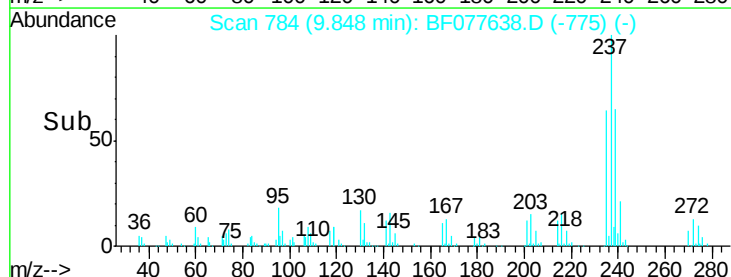
272 12.6 0.0 34.3



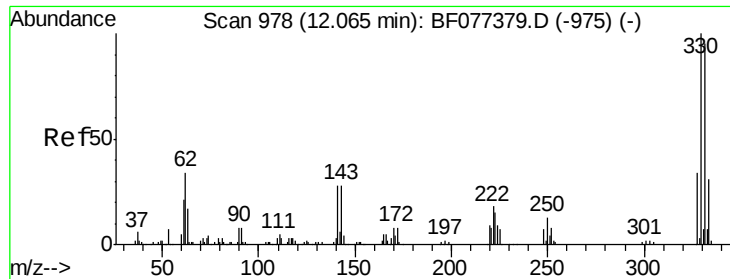
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



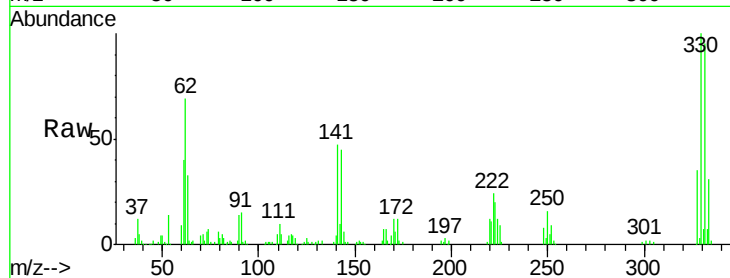
Time-->



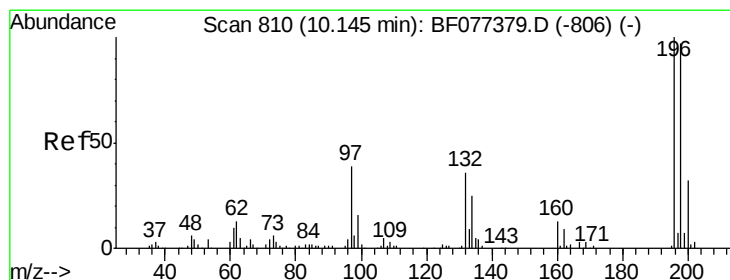
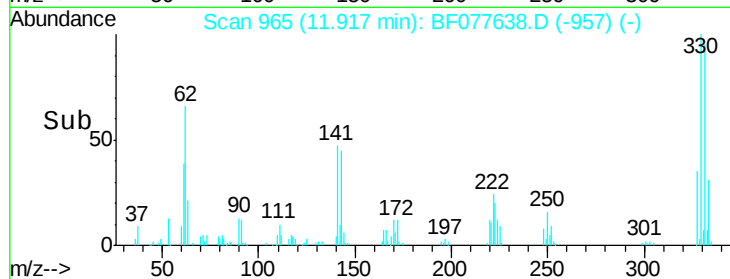
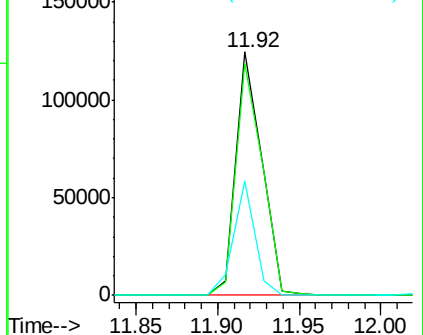
#41
 2,4,6-Tribromophenol
 Concen: 80.01 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 135701
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 39.1 28.8 43.2

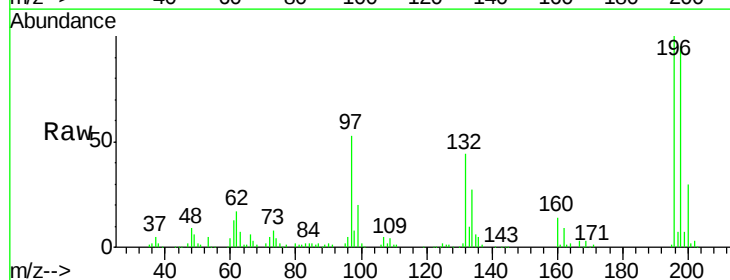


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

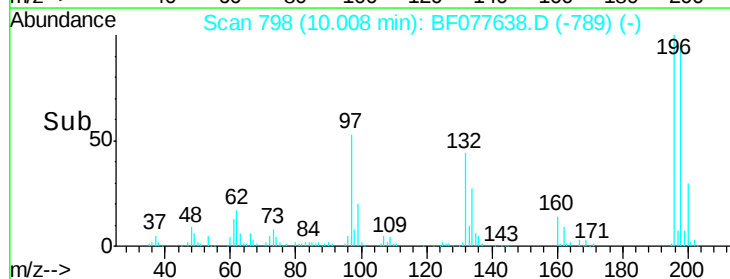
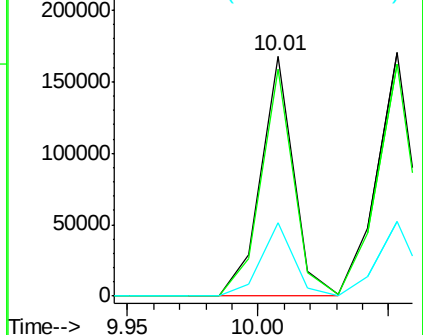


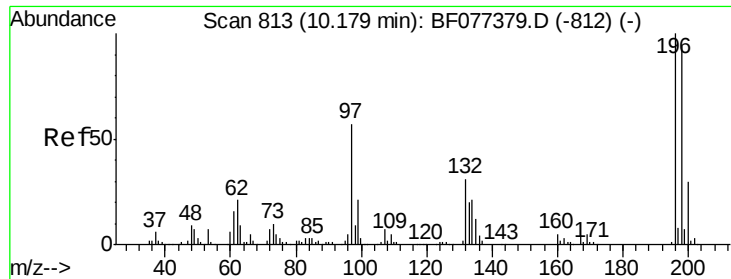
#42
 2,4,6-Trichlorophenol
 Concen: 44.15 ng
 RT: 10.01 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:196 Resp: 147773
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.8
 200 30.5 24.2 36.4



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

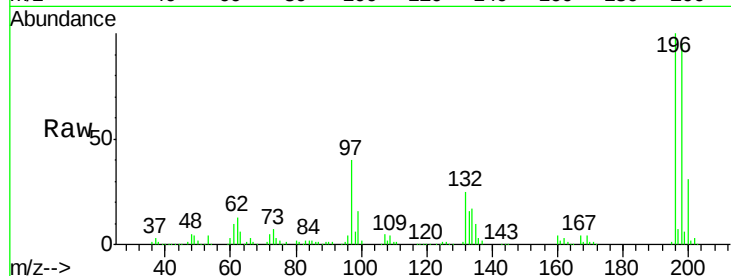




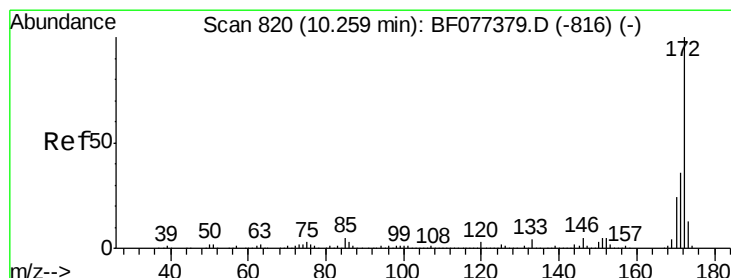
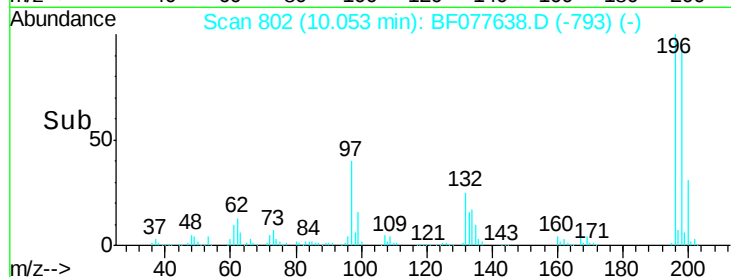
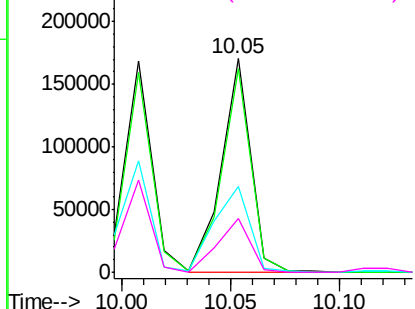
#43
2,4,5-Trichlorophenol
Concen: 43.93 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 157235
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
97 40.4 27.7 41.5
132 25.1 18.0 27.0

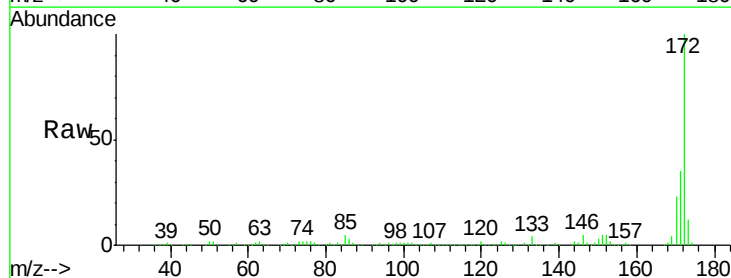


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

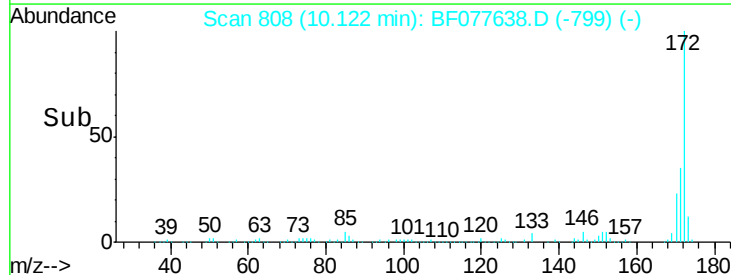
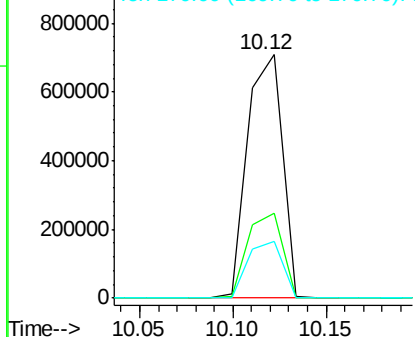


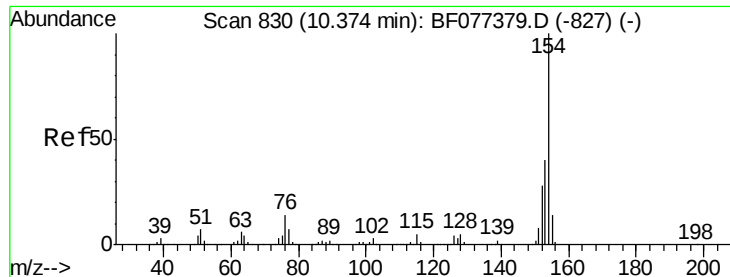
#44
2-Fluorobiphenyl
Concen: 81.32 ng
RT: 10.12 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:172 Resp: 918680
Ion Ratio Lower Upper
172 100
171 34.7 28.9 43.3
170 23.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

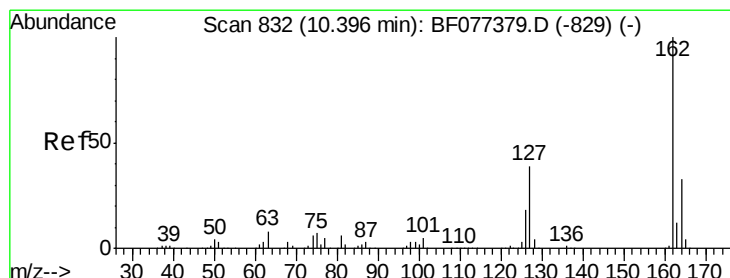
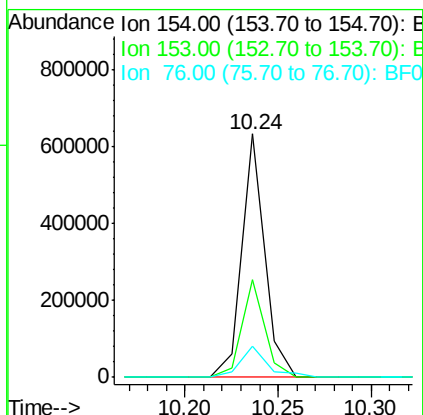
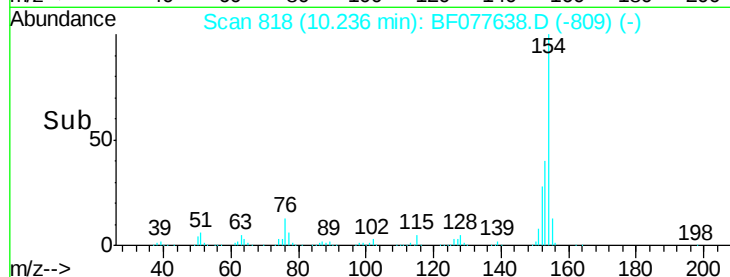
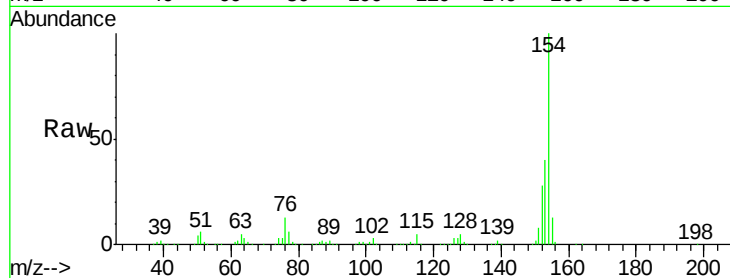




#45
 1,1'-Biphenyl
 Concen: 40.50 ng
 RT: 10.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

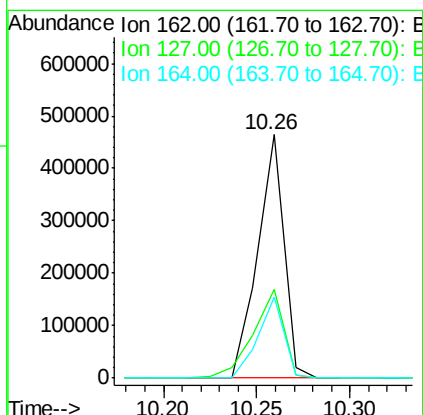
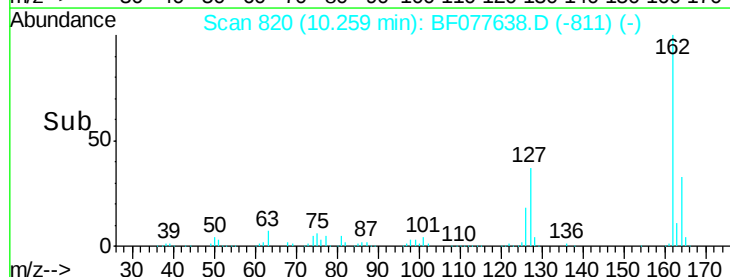
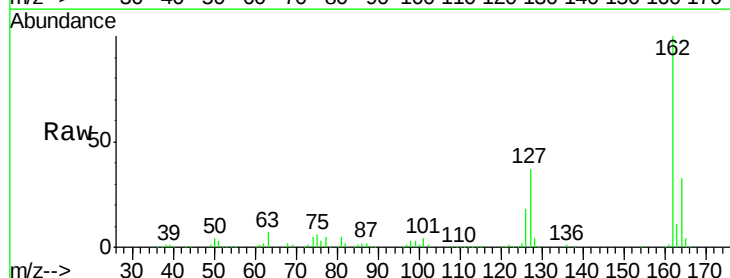
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

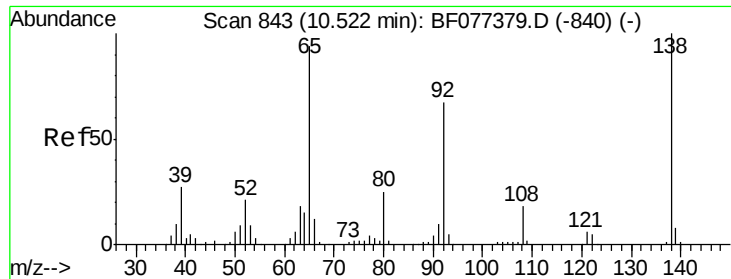
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	12.9	0.0	29.4



#46
 2-Chloronaphthalene
 Concen: 43.02 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	33.3	49.9
164	33.3	26.2	39.4

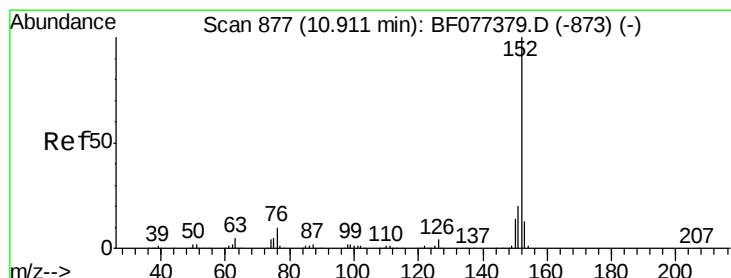
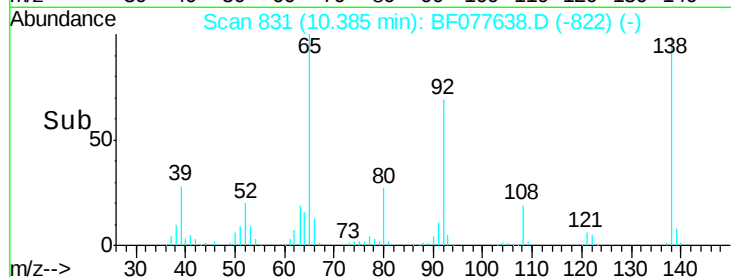
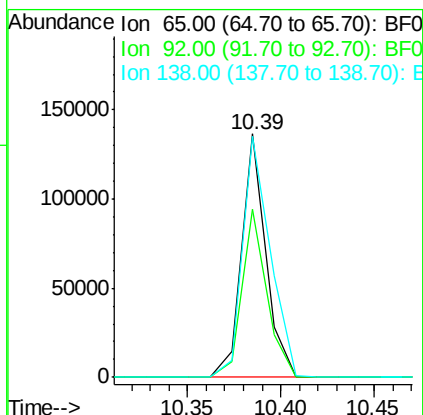
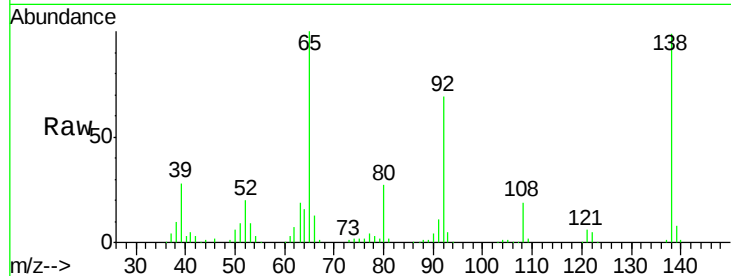




#47
2-Nitroaniline
Concen: 47.92 ng
RT: 10.39 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

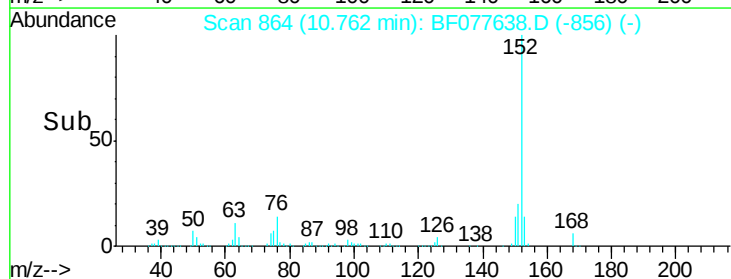
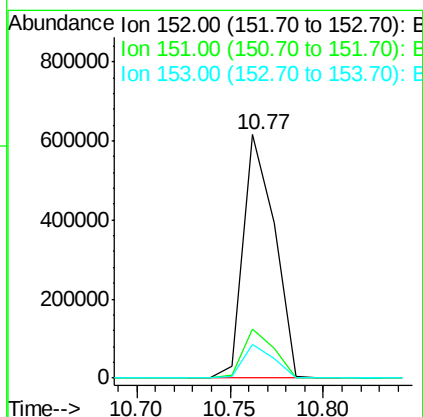
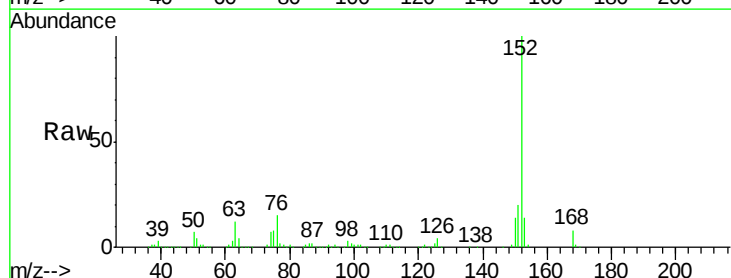
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

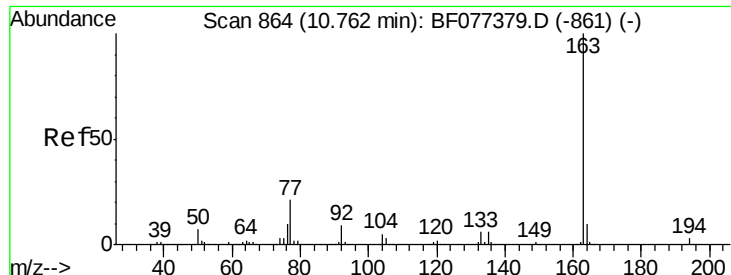
Tot Ion: 65 Resp: 123459
Ion Ratio Lower Upper
65 100
92 69.2 52.4 78.6
138 98.9 73.4 110.0



#48
Acenaphthylene
Concen: 43.18 ng
RT: 10.77 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion: 152 Resp: 715362
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.9 10.9 16.3

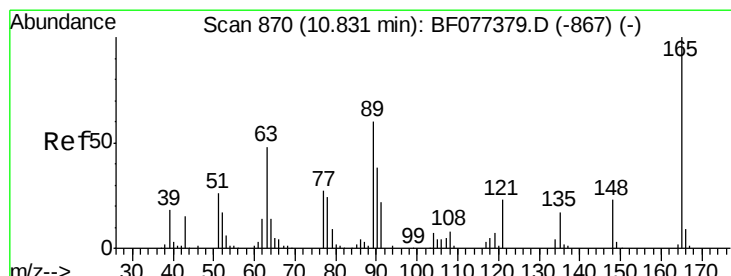
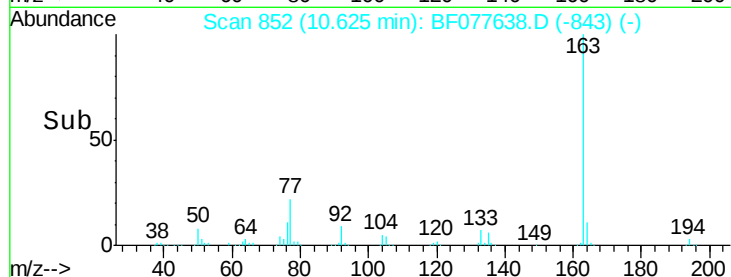
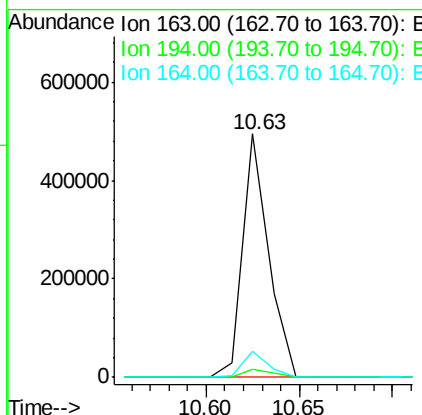
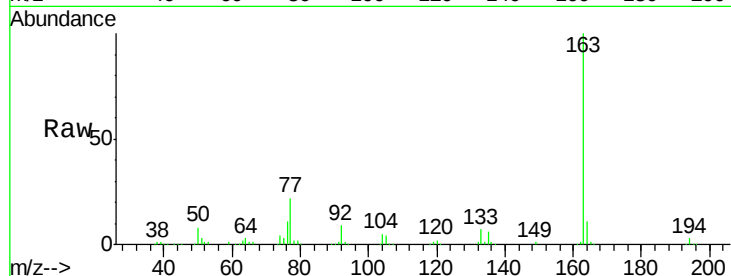




#49
Dimethylphthalate
Concen: 38.56 ng
RT: 10.63 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

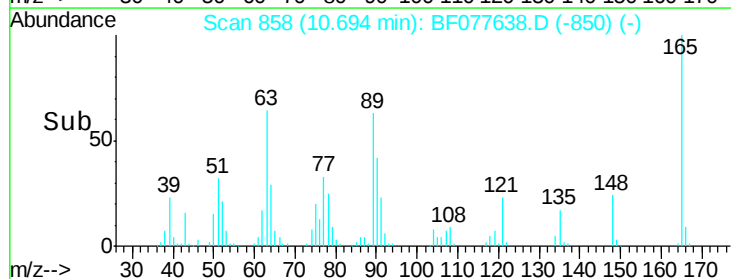
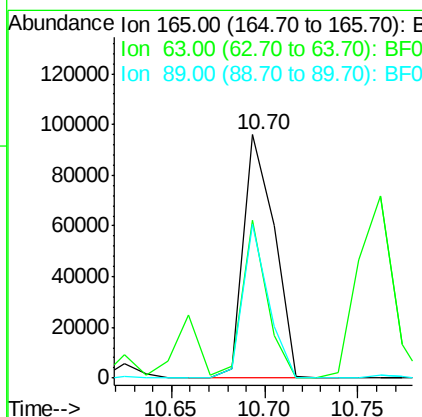
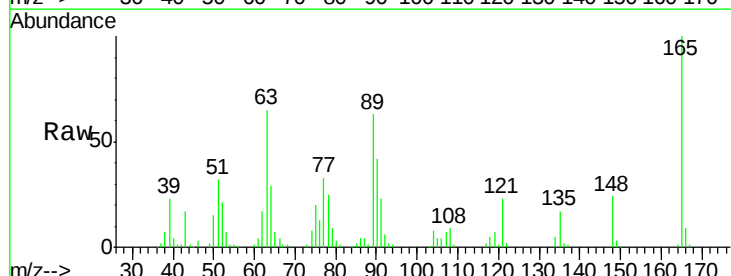
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

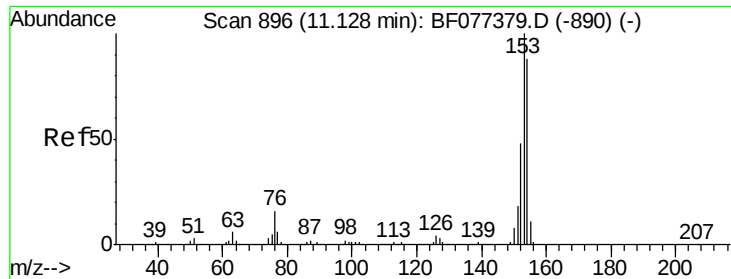
Tot Ion:163 Resp: 477385
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 44.35 ng
RT: 10.70 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:165 Resp: 110134
Ion Ratio Lower Upper
165 100
63 64.8 25.2 37.8#
89 63.3 30.5 45.7#





#51

Acenaphthene

Concen: 40.93 ng

RT: 10.98 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

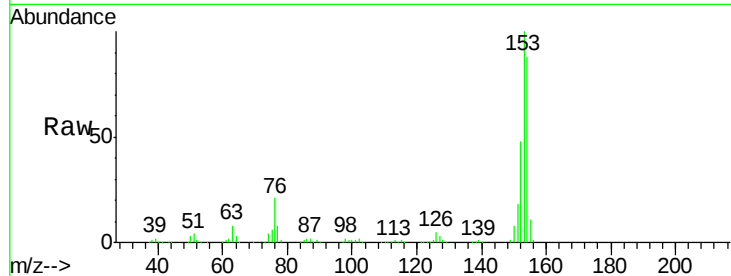
Tot Ion:154 Resp: 404679

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

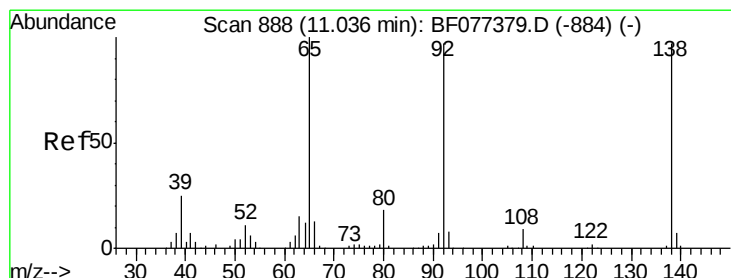
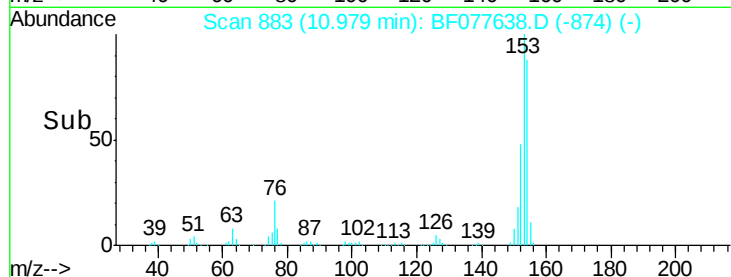
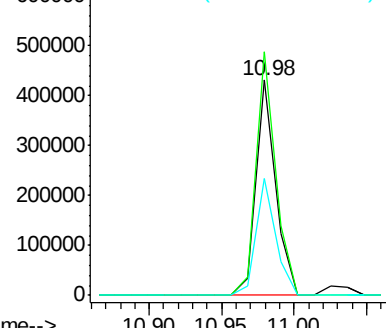
152 54.4 43.5 65.3



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: 49.51 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

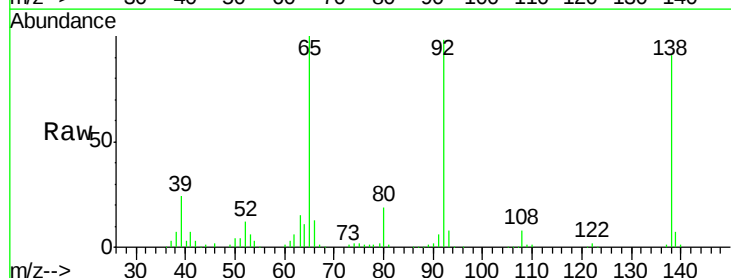
Tgt Ion:138 Resp: 141746

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.8

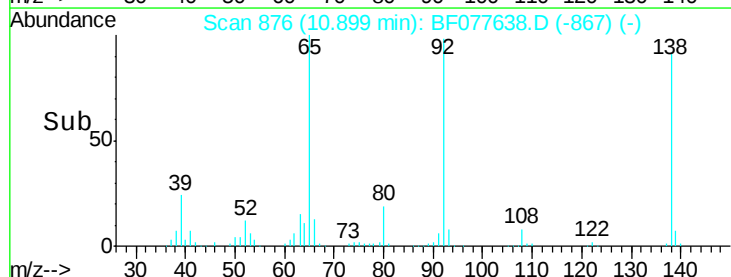
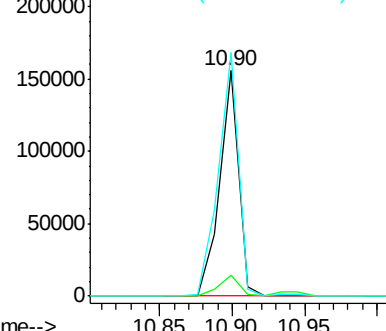
92 108.0 90.6 135.8

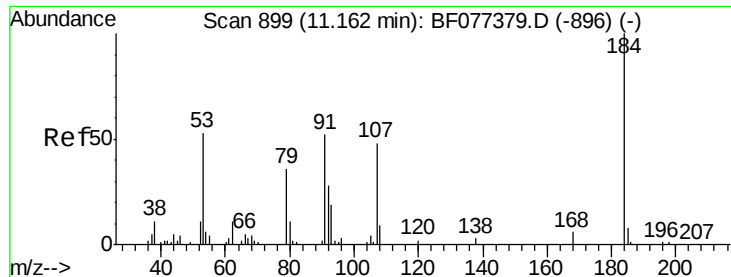


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

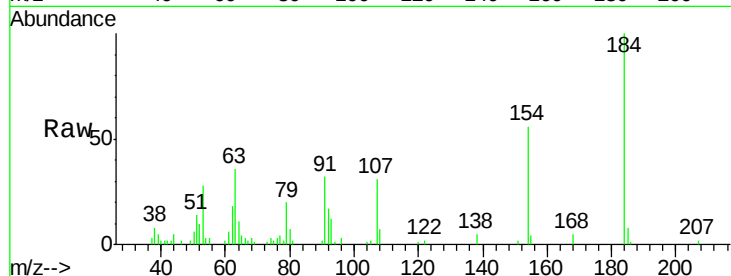




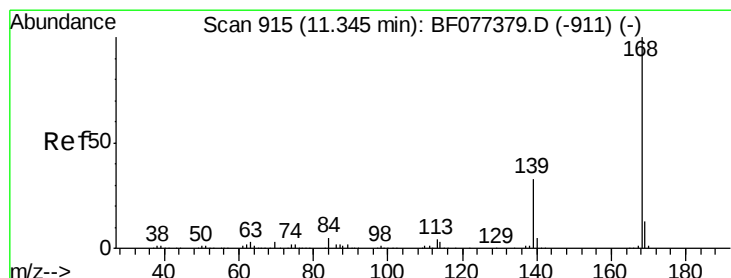
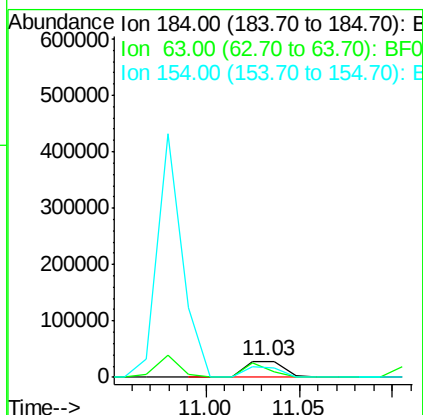
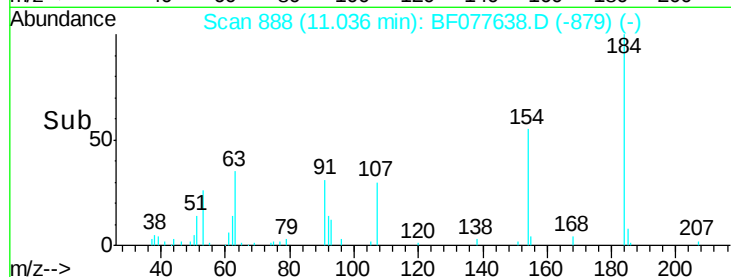
#53
2,4-Dinitrophenol
Concen: 53.72 ng
RT: 11.03 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 40592
Ion Ratio Lower Upper
184 100
63 36.0 29.5 44.3
154 56.0 43.2 64.8

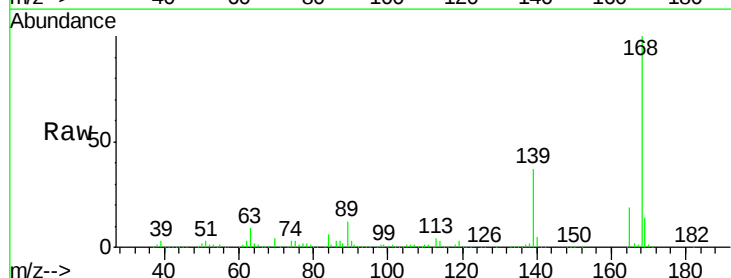


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

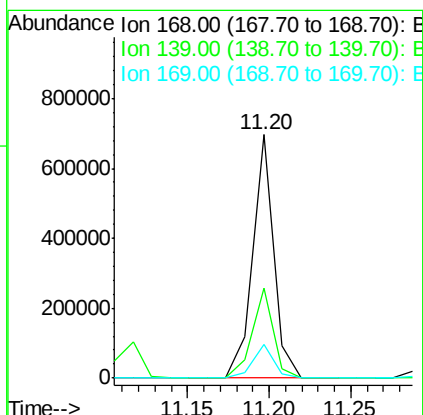
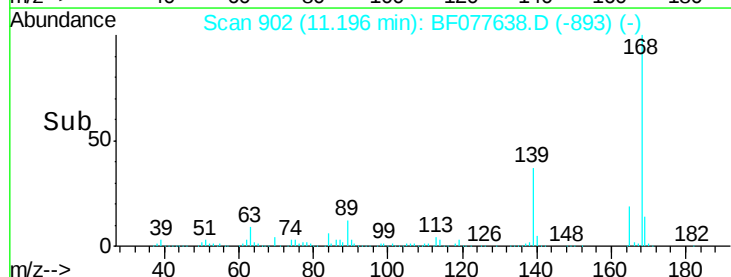


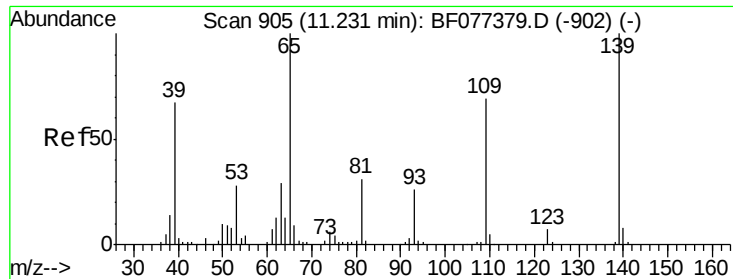
#54
Dibenzofuran
Concen: 40.81 ng
RT: 11.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:168 Resp: 623031
Ion Ratio Lower Upper
168 100
139 37.2 29.3 43.9
169 13.6 10.9 16.3



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

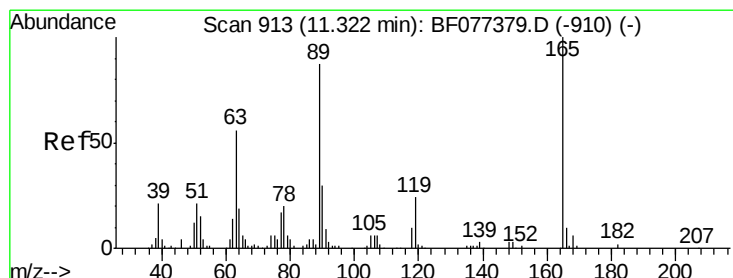
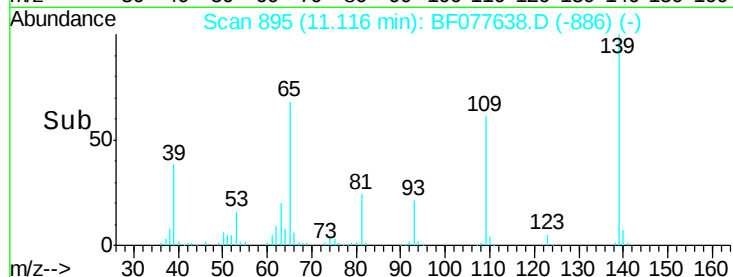
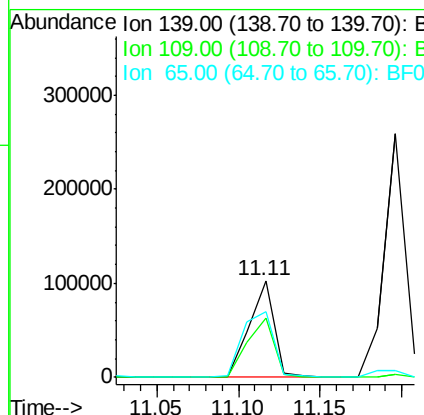
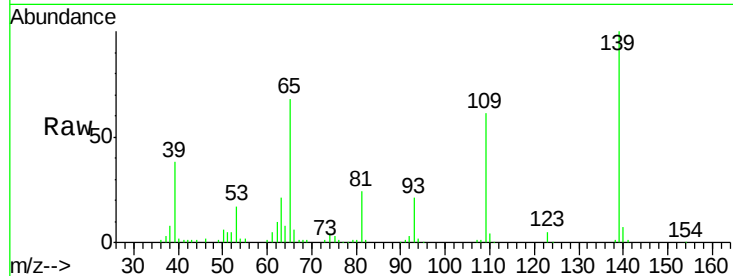




#55
4-Nitrophenol
Concen: 47.73 ng
RT: 11.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

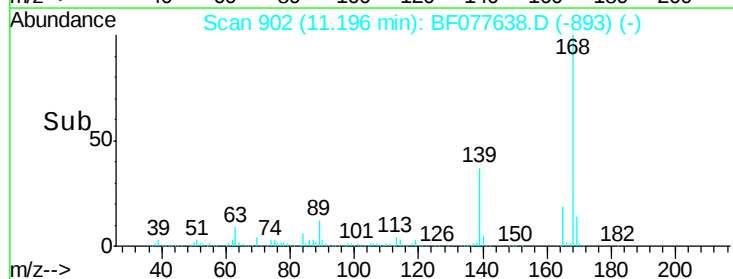
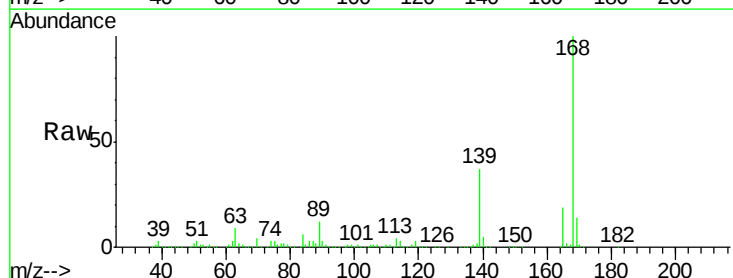
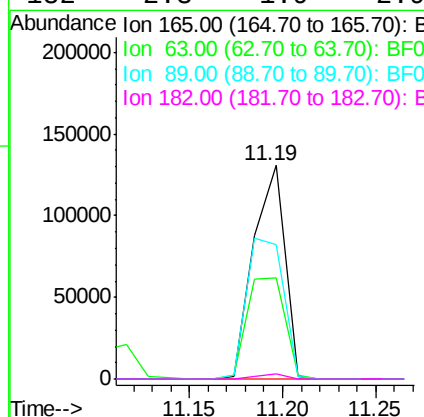
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

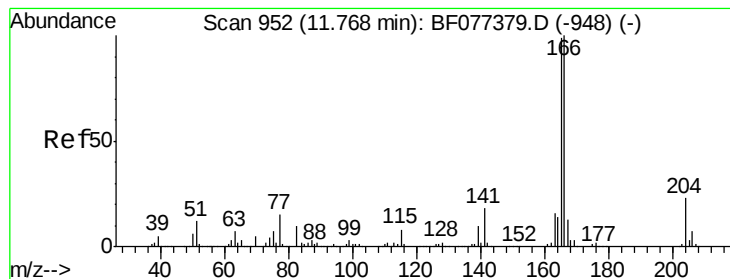
Tot Ion:139 Resp: 109909
Ion Ratio Lower Upper
139 100
109 61.1 36.2 76.2
65 68.1 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 45.40 ng
RT: 11.19 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:165 Resp: 152333
Ion Ratio Lower Upper
165 100
63 47.5 29.8 44.8#
89 62.9 48.5 72.7
182 2.3 1.9 2.9





#57

Fluorene

Concen: 41.24 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

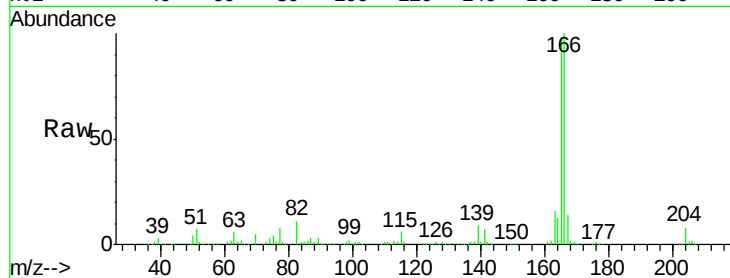
Tot Ion:166 Resp: 503260

Ion Ratio Lower Upper

166 100

165 98.1 77.6 116.4

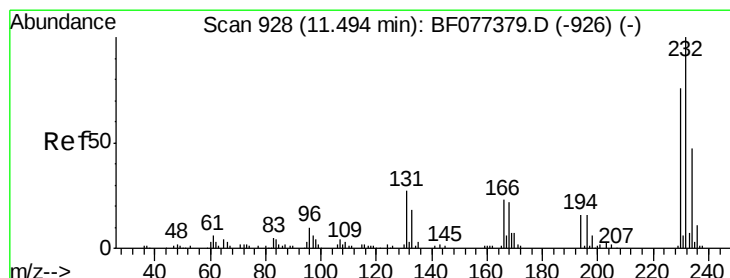
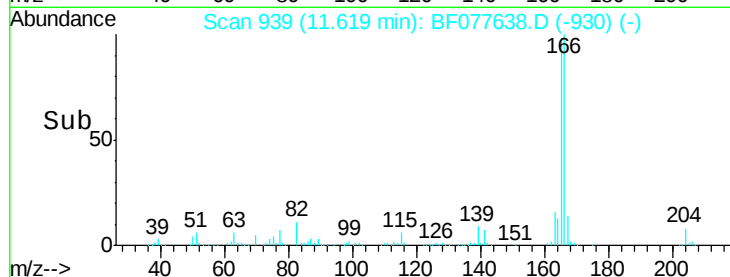
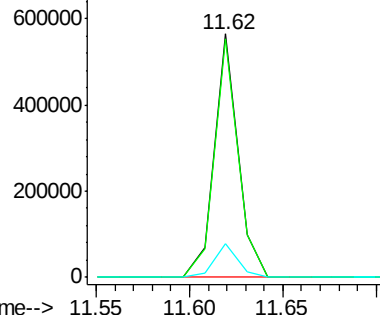
167 13.6 10.6 16.0



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: 42.44 ng

RT: 11.35 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Tgt Ion:232 Resp: 122123

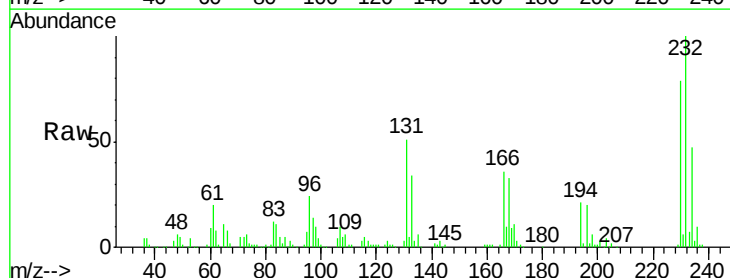
Ion Ratio Lower Upper

232 100

131 46.7 34.2 51.2

130 2.4 1.8 2.6

166 32.6 24.3 36.5

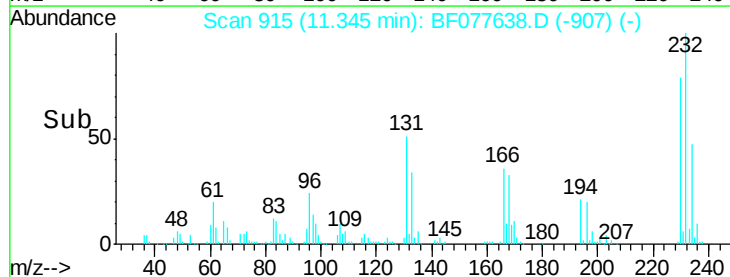
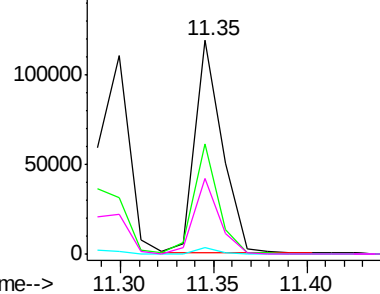


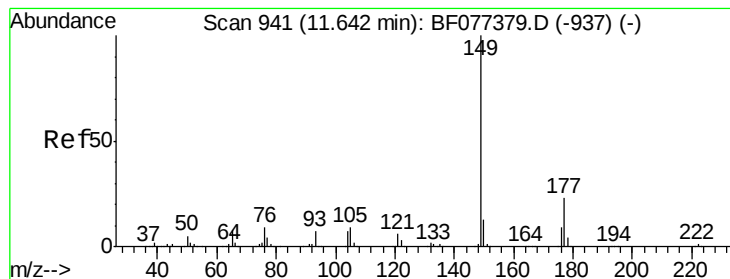
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.01 ng

RT: 11.50 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

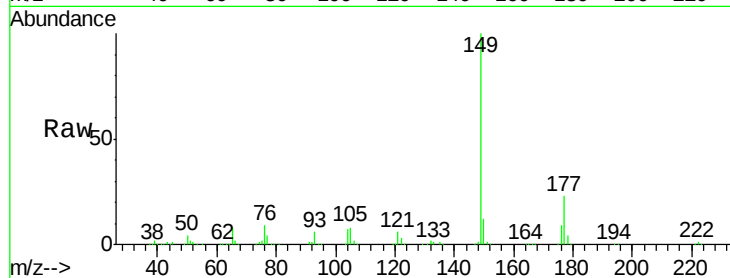
Tot Ion:149 Resp: 500611

Ion Ratio Lower Upper

149 100

177 22.5 17.2 25.8

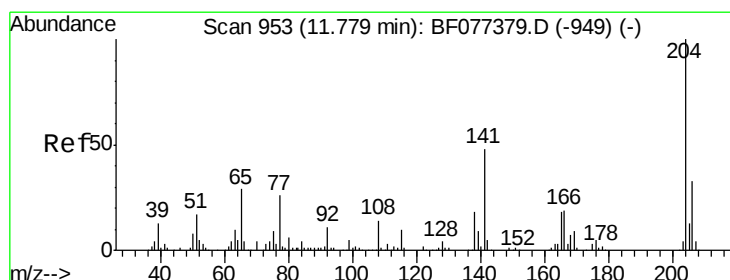
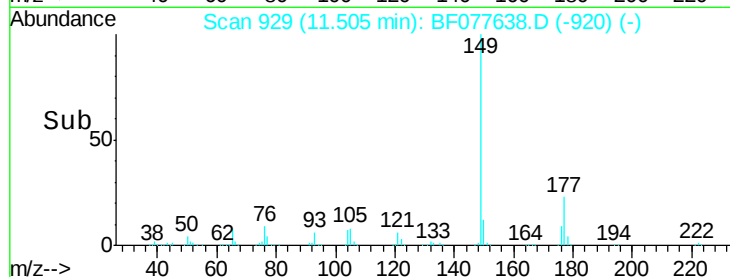
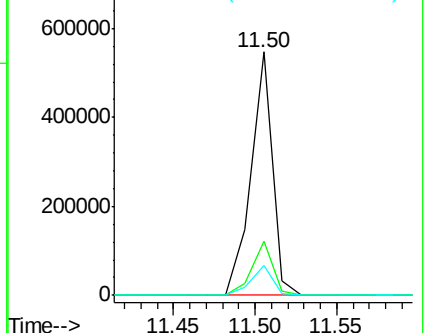
150 12.2 10.5 15.7



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: 38.60 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

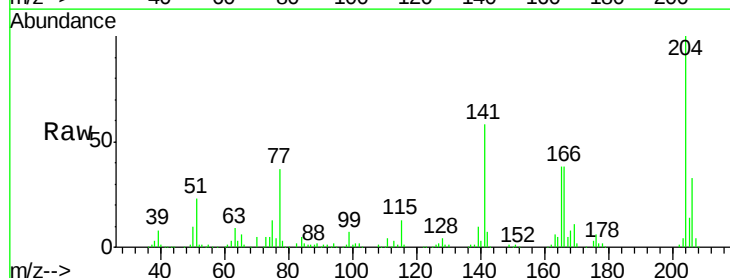
Tgt Ion:204 Resp: 227005

Ion Ratio Lower Upper

204 100

206 33.1 25.9 38.9

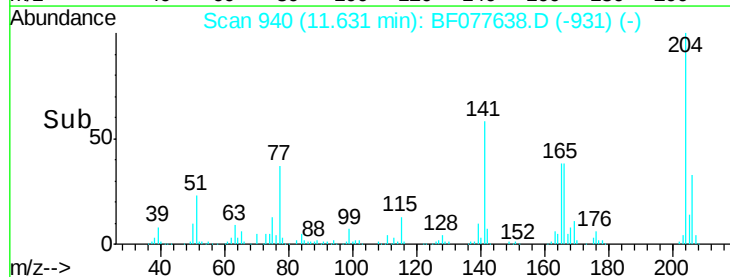
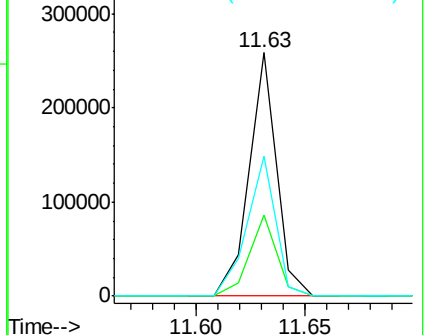
141 57.6 43.6 65.4

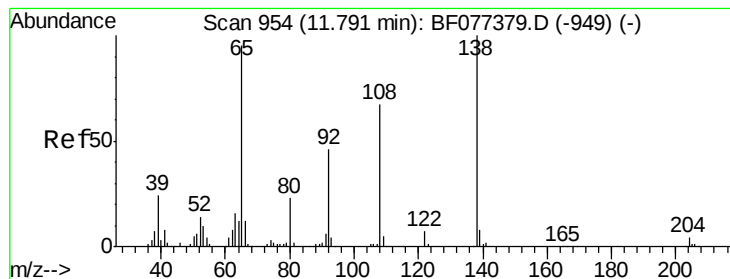


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.10 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

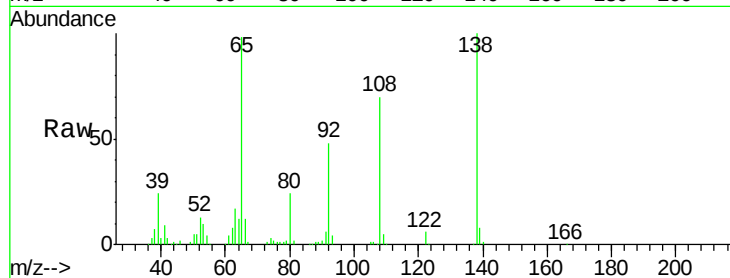
Tot Ion:138 Resp: 142951

Ion Ratio Lower Upper

138 100

92 48.0 32.8 72.8

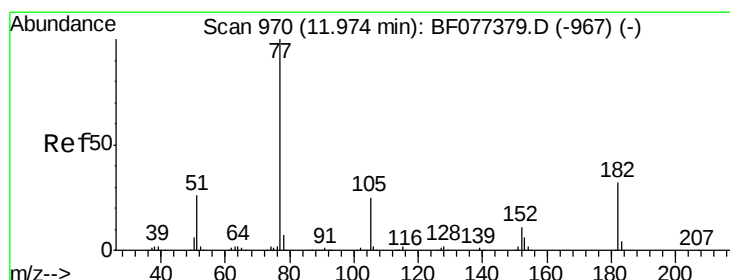
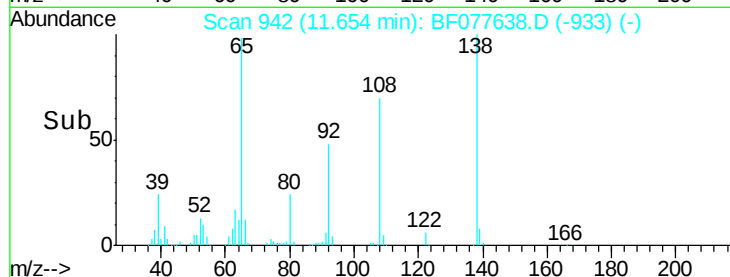
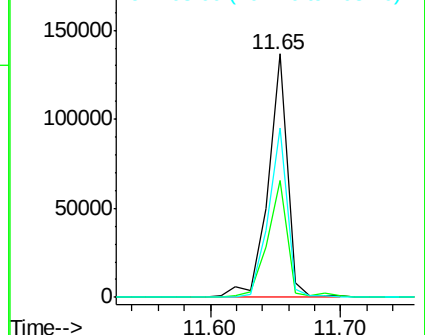
108 69.6 52.1 92.1



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: 41.71 ng

RT: 11.82 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Tgt Ion: 77 Resp: 483050

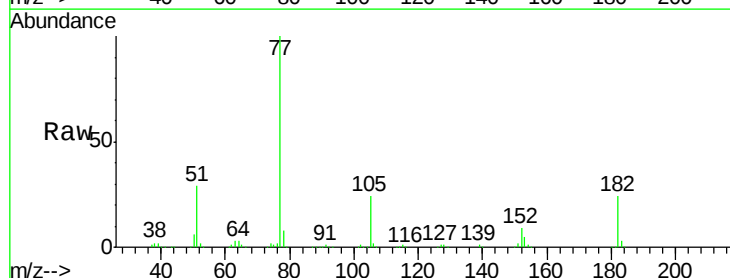
Ion Ratio Lower Upper

77 100

182 24.0 4.9 44.9

105 23.7 3.3 43.3

51 28.6 8.9 48.9

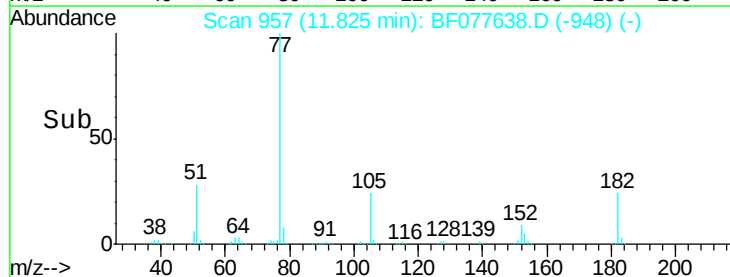
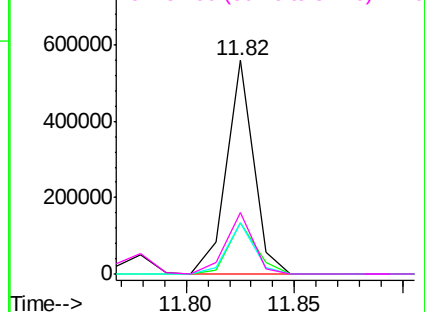


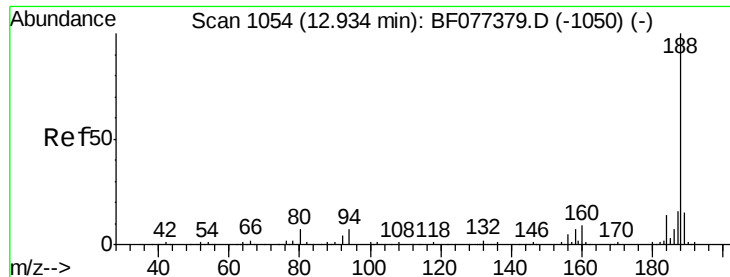
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

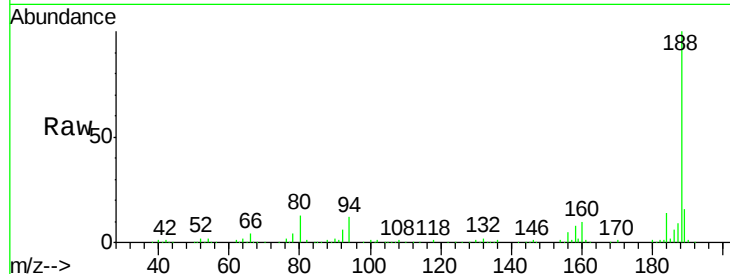




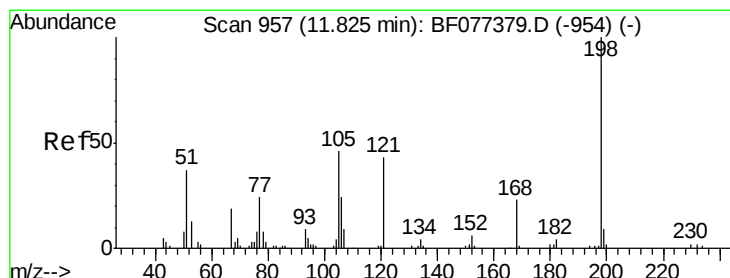
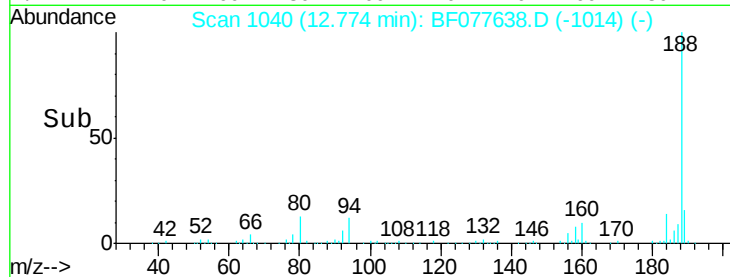
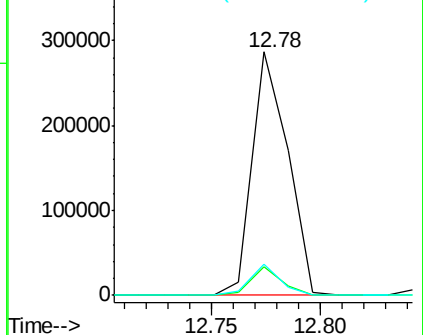
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.78 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:188 Resp: 327284
 Ion Ratio Lower Upper
 188 100
 94 11.8 7.4 11.2#
 80 12.7 8.0 12.0#

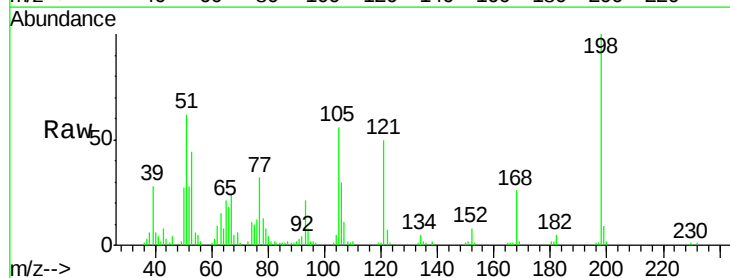


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

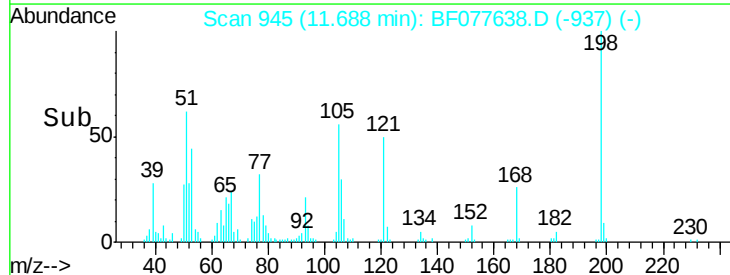
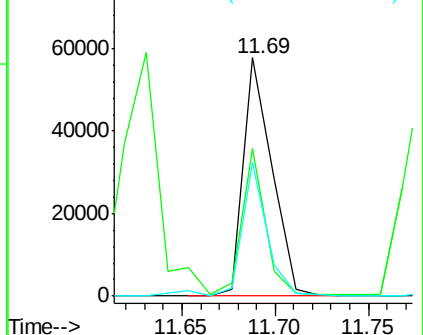


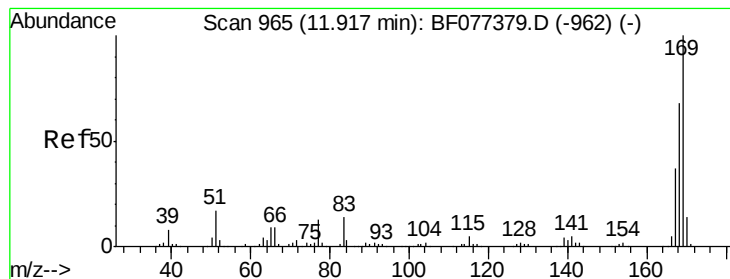
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.40 ng
 RT: 11.69 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:198 Resp: 61831
 Ion Ratio Lower Upper
 198 100
 51 62.0 2.7 42.7#
 105 56.0 10.0 50.0#



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

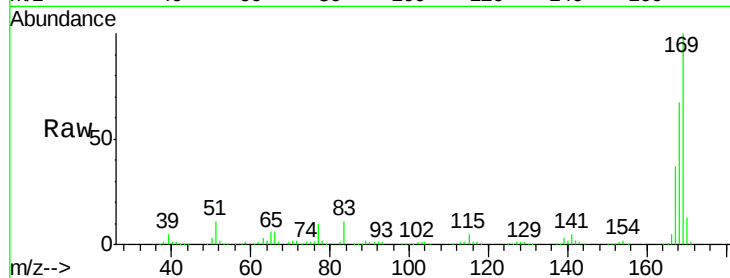




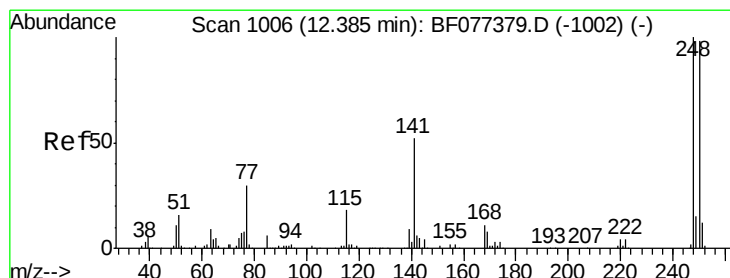
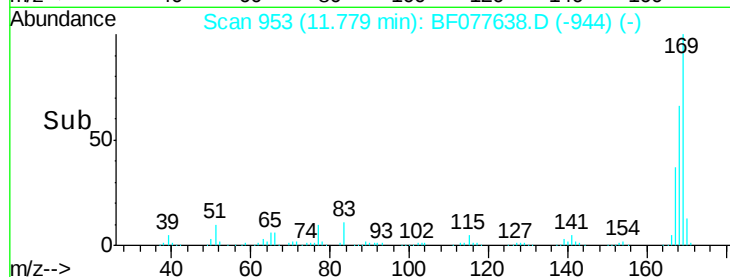
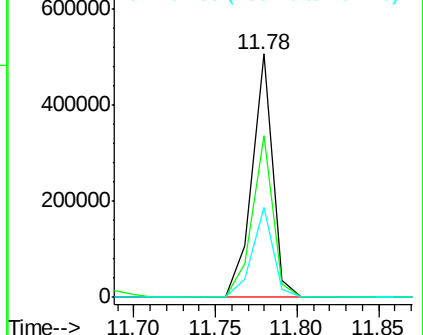
#65
 n-Nitrosodiphenylamine
 Concen: 41.25 ng
 RT: 11.78 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 447988
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 37.0 29.5 44.3

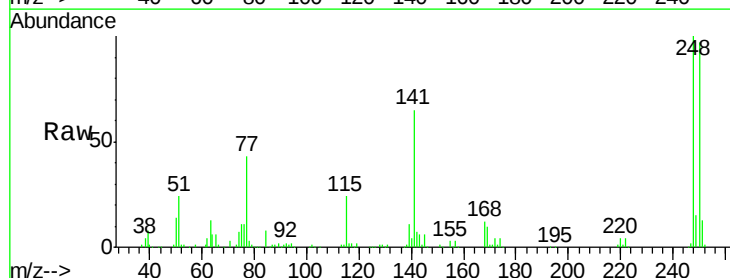


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

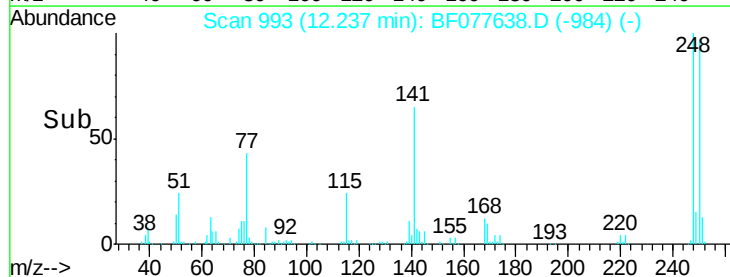
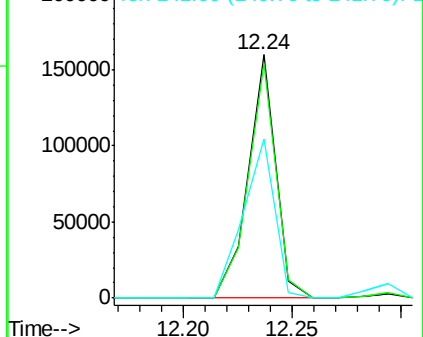


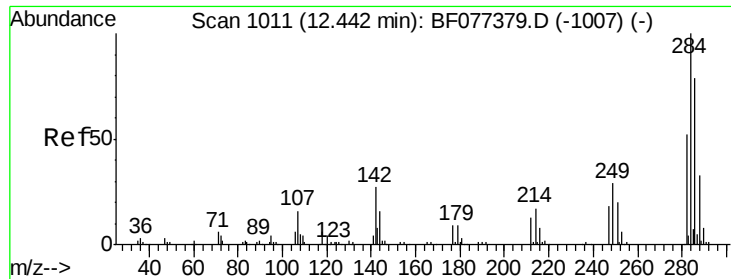
#66
 4-Bromophenyl-phenylether
 Concen: 36.73 ng
 RT: 12.24 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:248 Resp: 140752
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.0 117.0
 141 65.2 54.1 81.1



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

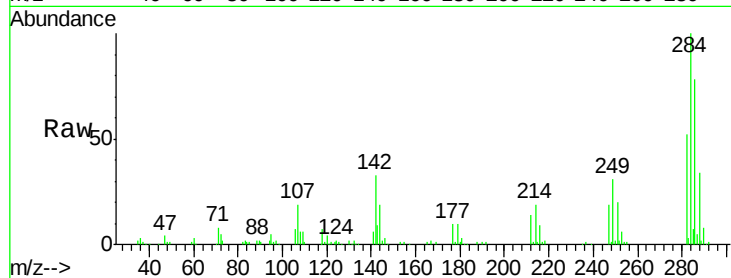




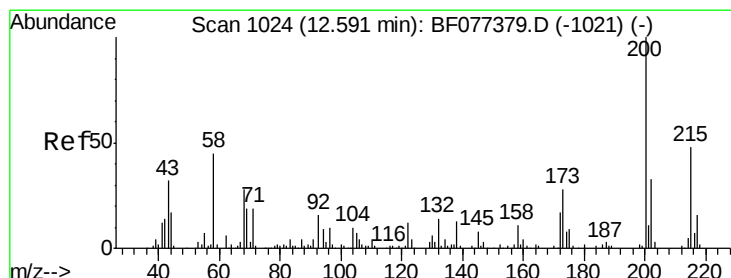
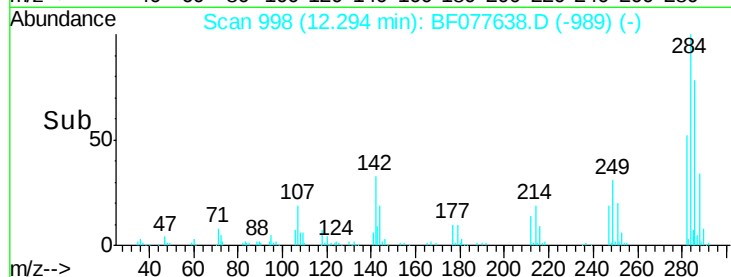
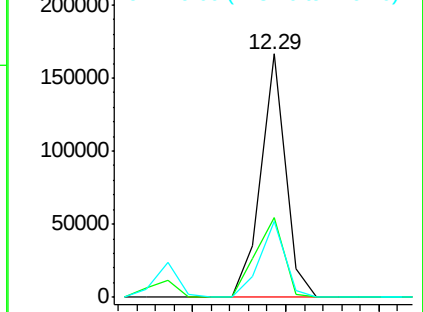
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 152170
Ion Ratio Lower Upper
284 100
142 32.6 31.6 47.4
249 31.2 27.0 40.4

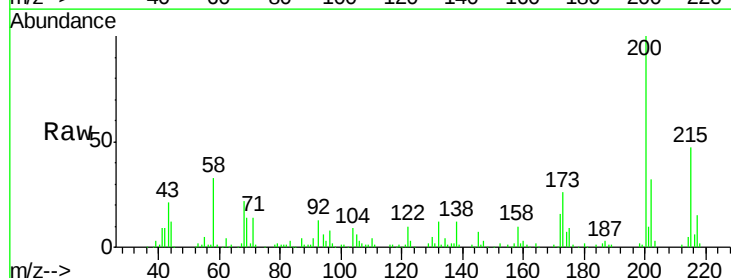


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

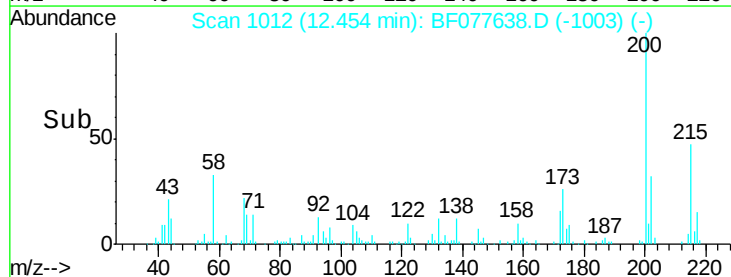
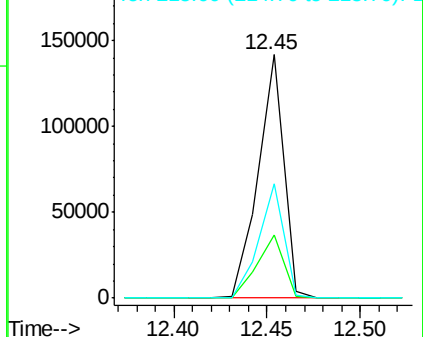


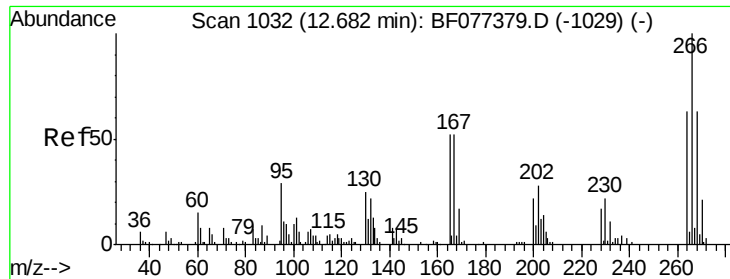
#68
Atrazine
Concen: 38.03 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:200 Resp: 134256
Ion Ratio Lower Upper
200 100
173 26.1 9.6 49.6
215 47.1 24.4 64.4



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

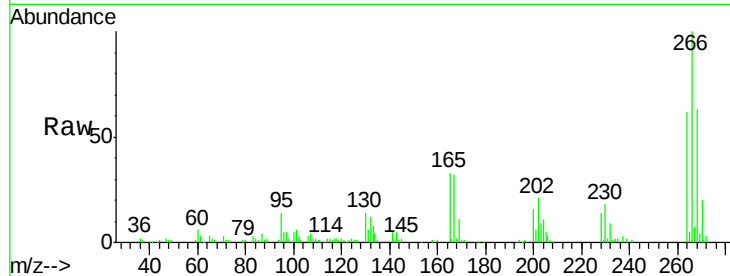




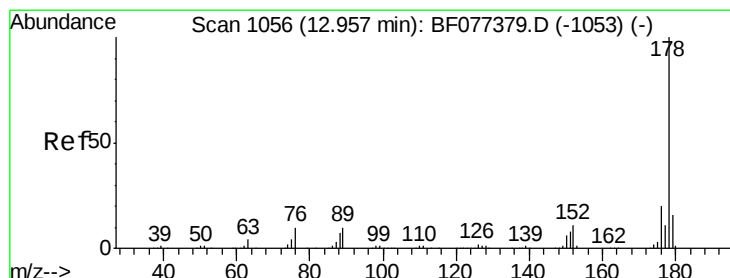
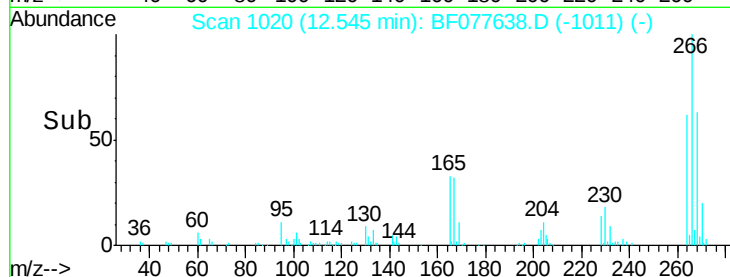
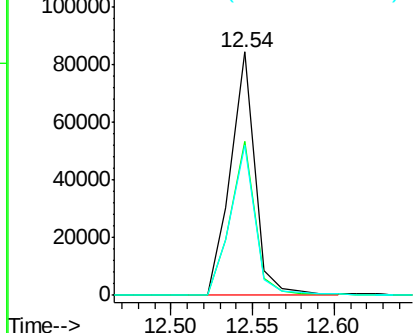
#69
 Pentachlorophenol
 Concen: 40.72 ng
 RT: 12.54 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 88031
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 61.5 50.7 76.1

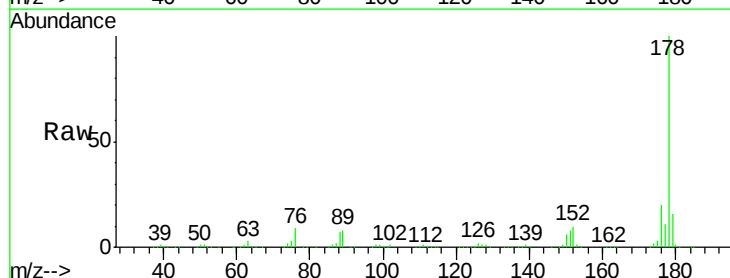


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

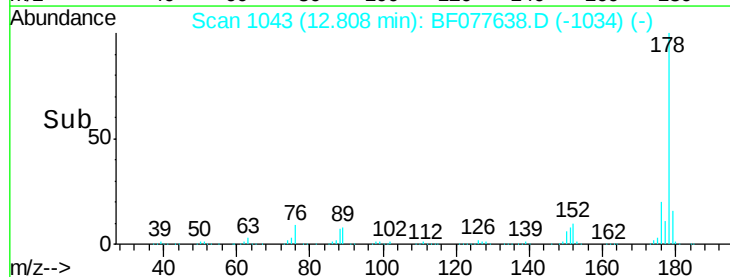
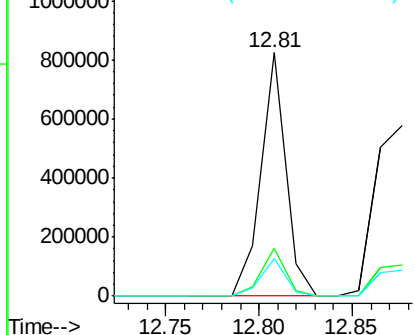


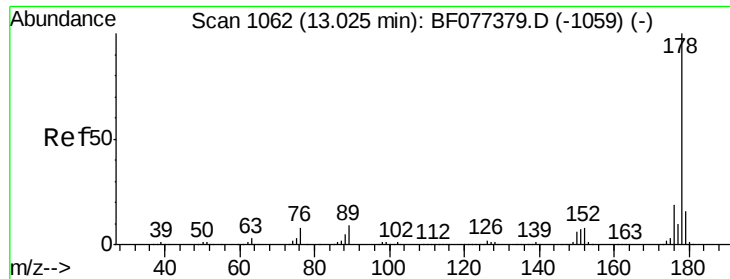
#70
 Phenanthrene
 Concen: 40.15 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:178 Resp: 761699
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.7 12.2 18.2



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

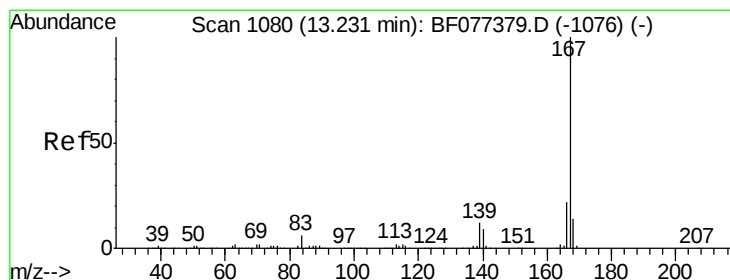
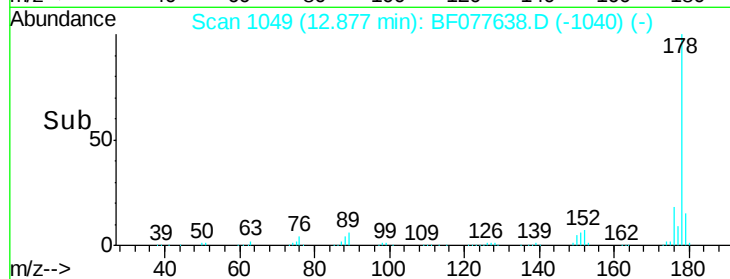
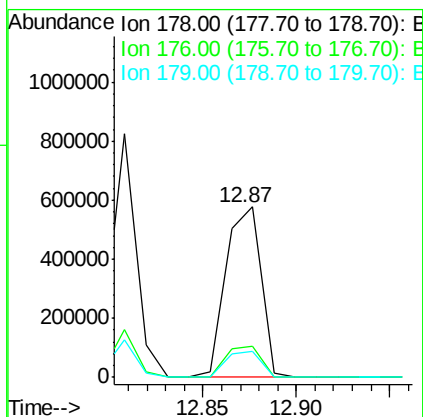
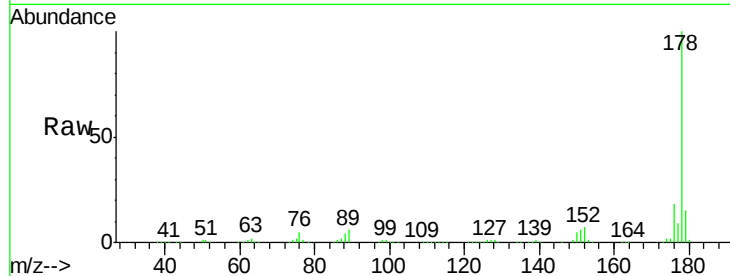




#71
 Anthracene
 Concen: 40.48 ng
 RT: 12.87 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

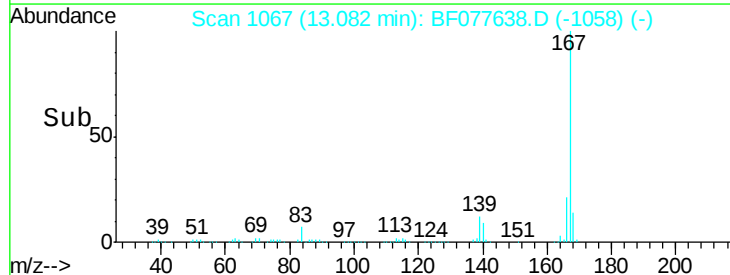
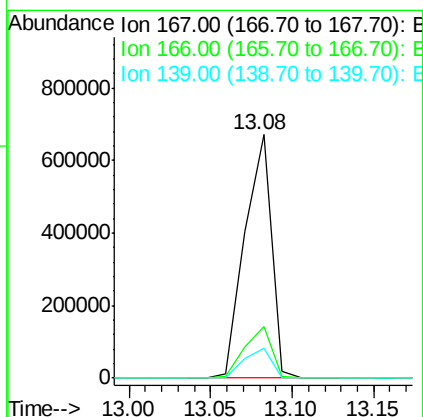
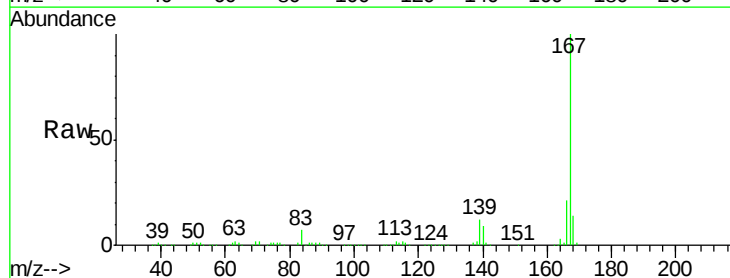
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

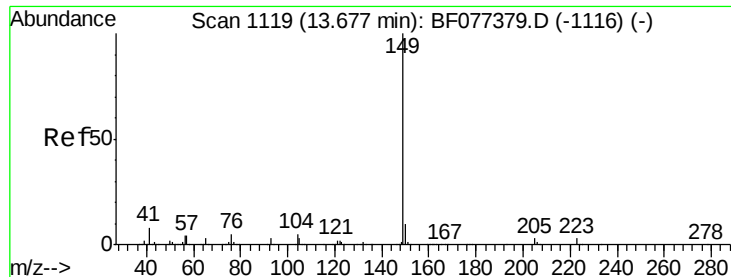
Tot Ion:178 Resp: 761929
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.1 12.9 19.3



#72
 Carbazole
 Concen: 42.52 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:167 Resp: 760975
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.2 9.9 14.9





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 13.53 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

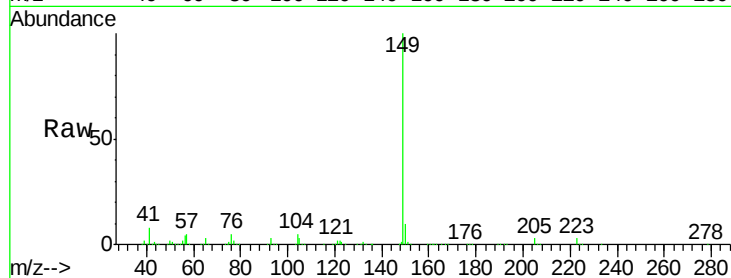
Tot Ion:149 Resp: 774772

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

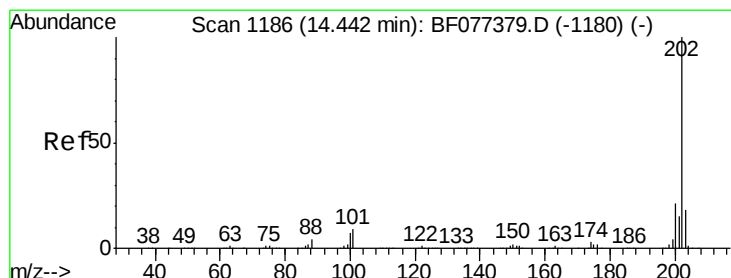
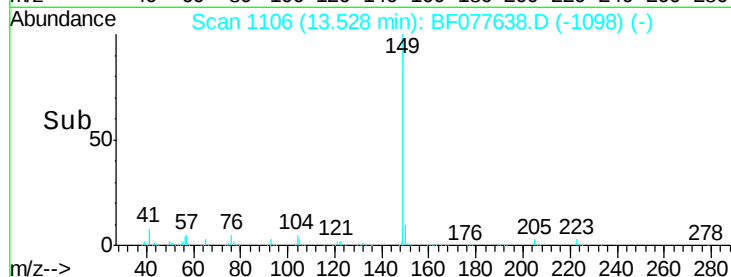
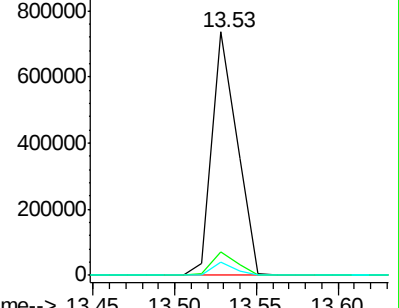
104 5.3 4.1 6.1



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: 41.52 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

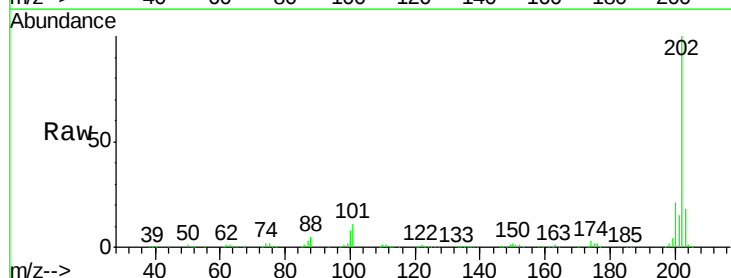
Tgt Ion:202 Resp: 860327

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

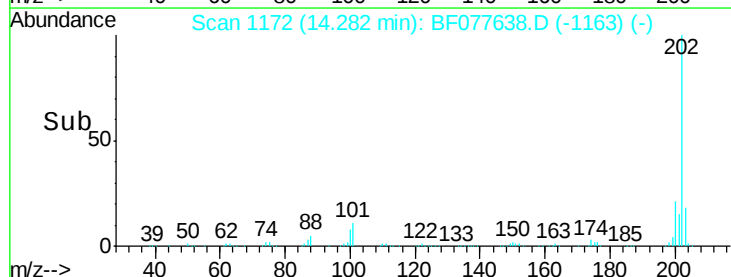
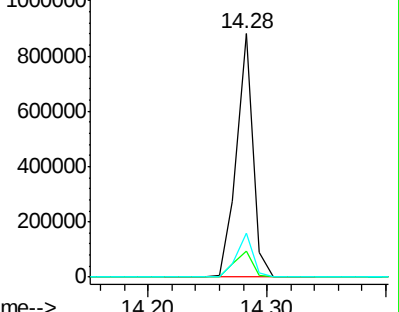
203 17.9 0.0 37.7

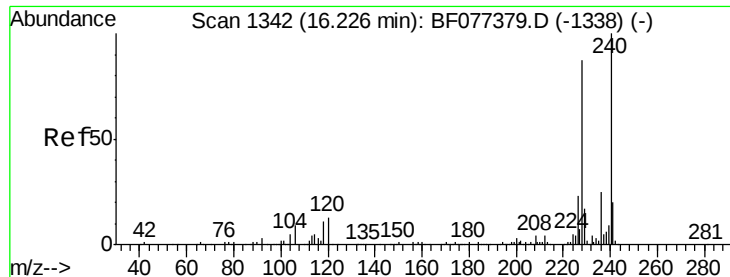


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.06 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

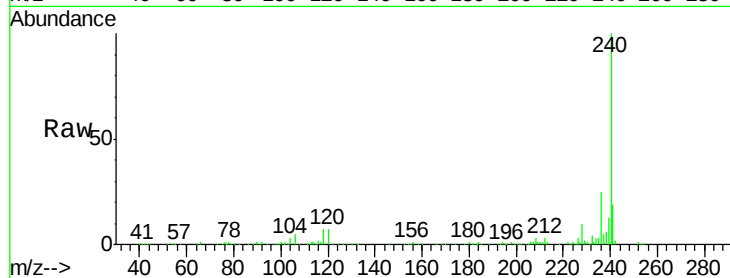
Tot Ion:240 Resp: 366360

Ion Ratio Lower Upper

240 100

120 7.5 8.8 13.2#

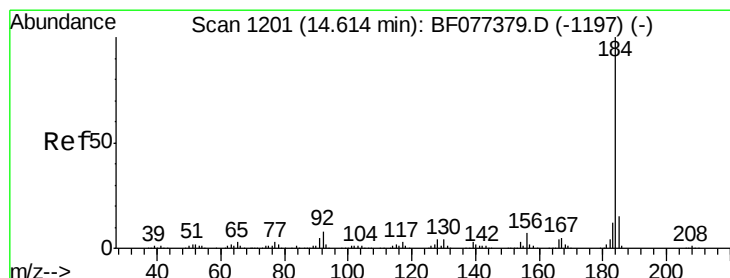
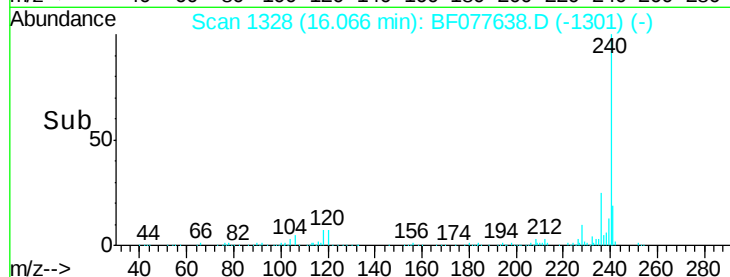
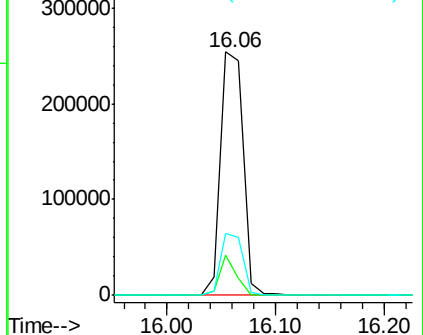
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.14 ng

RT: 14.46 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

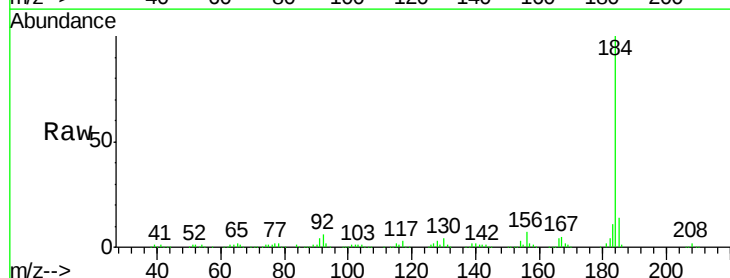
Tgt Ion:184 Resp: 447340

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

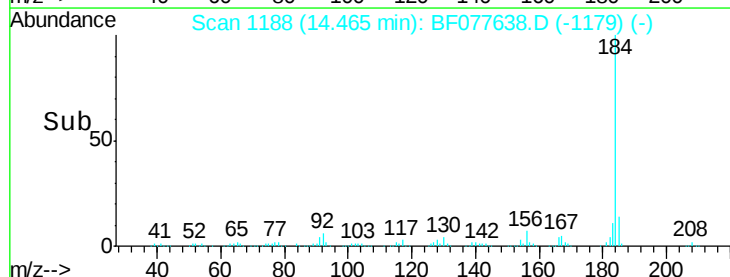
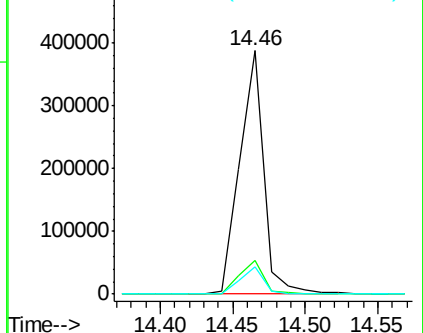
183 11.5 9.3 13.9

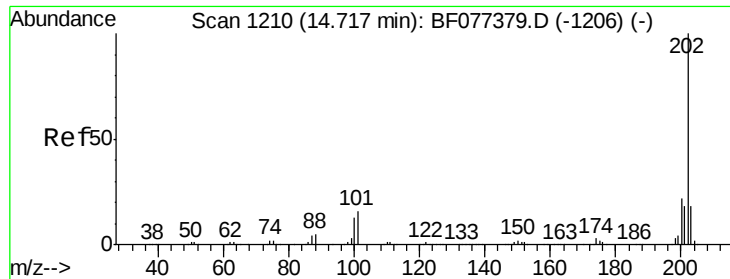


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

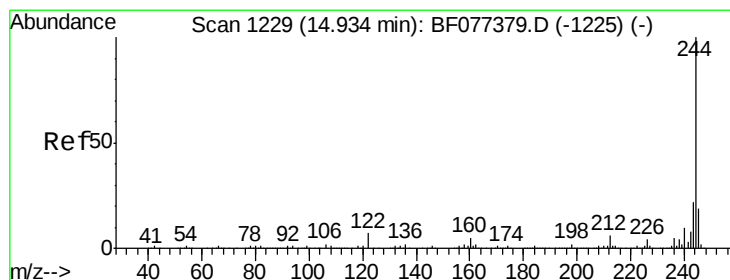
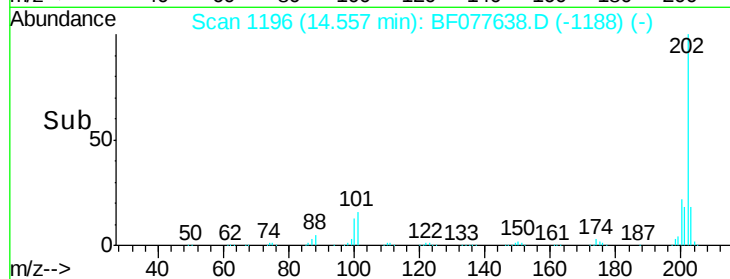
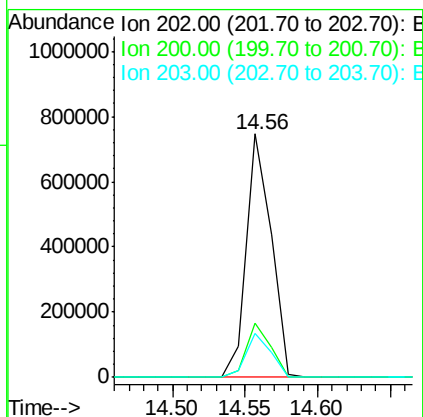
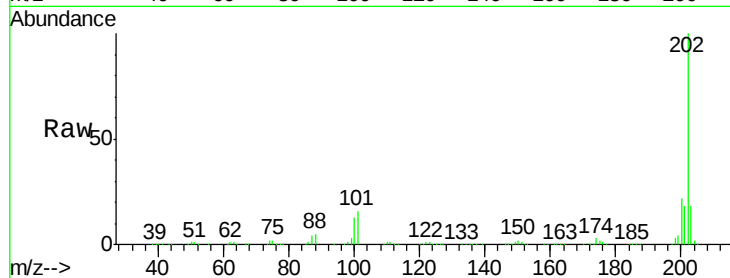




#77
Pvrene
Concen: 39.49 ng
RT: 14.56 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

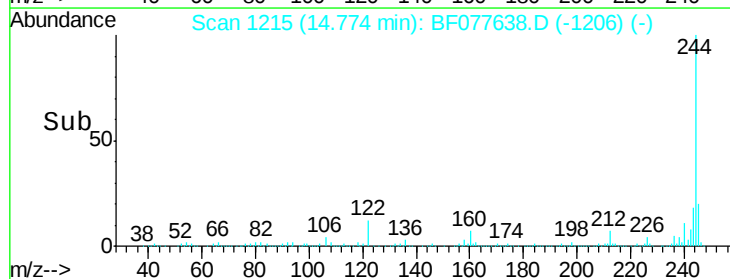
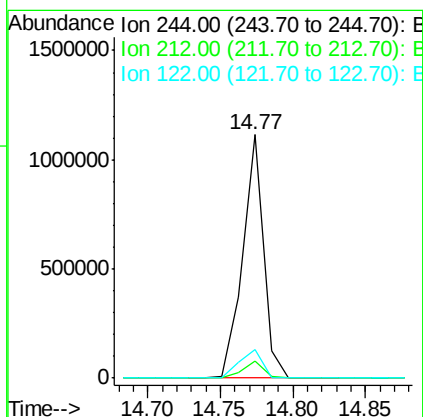
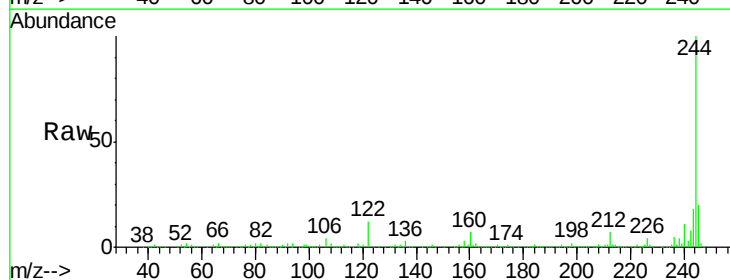
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

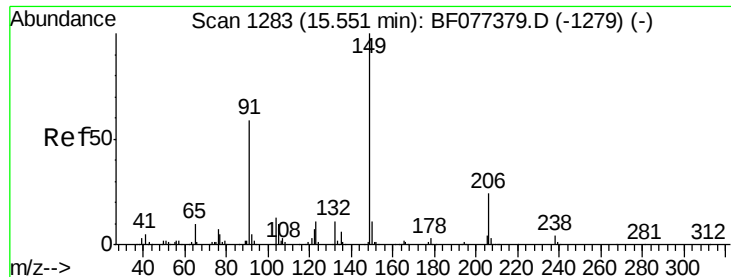
Tot Ion:202 Resp: 884939
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.2 14.2 21.2



#78
Terphenyl-d14
Concen: 71.04 ng
RT: 14.77 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:244 Resp: 1113308
Ion Ratio Lower Upper
244 100
212 6.9 5.2 7.8
122 11.6 7.8 11.8

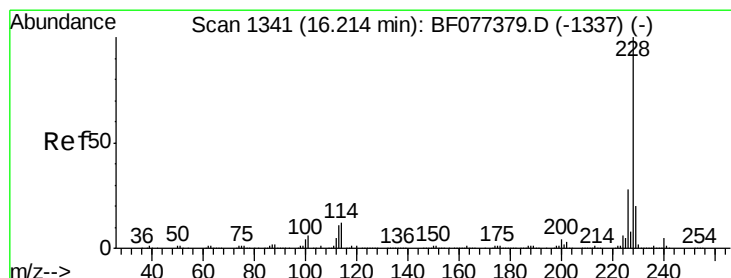
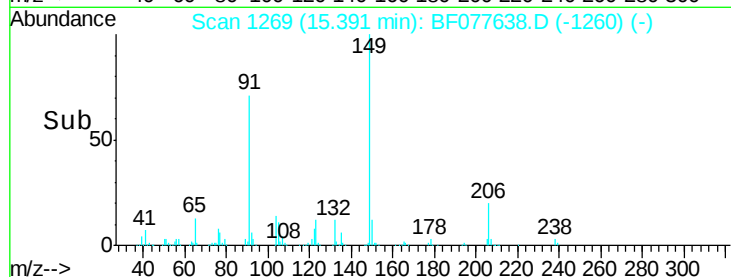
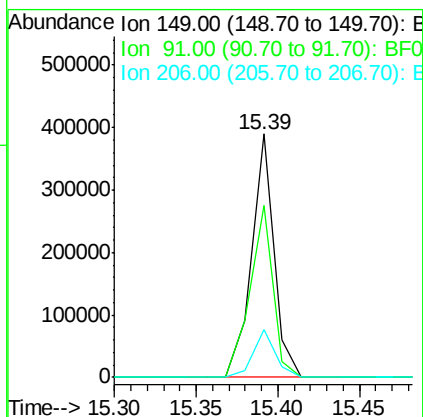
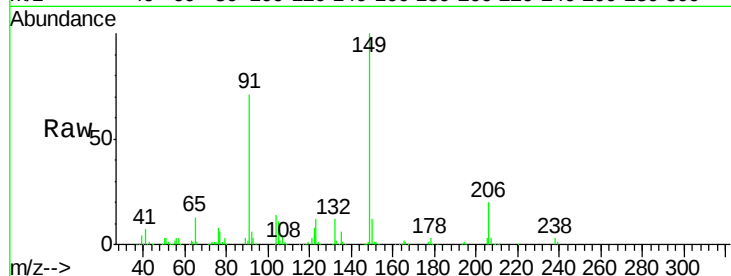




#79
Butylbenzylphthalate
Concen: 40.36 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

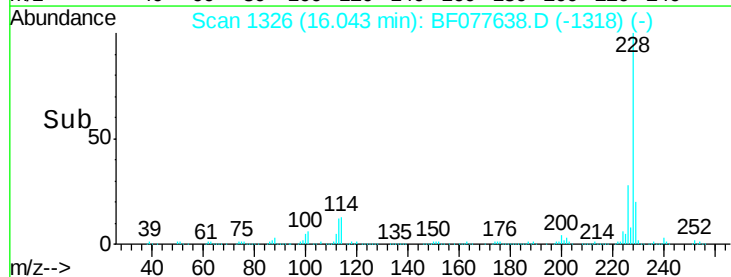
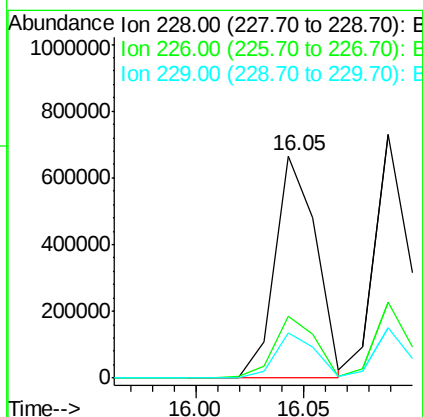
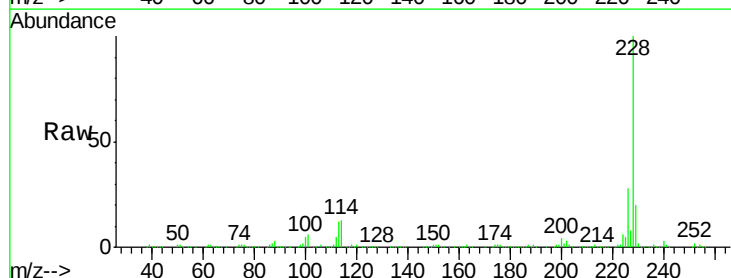
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

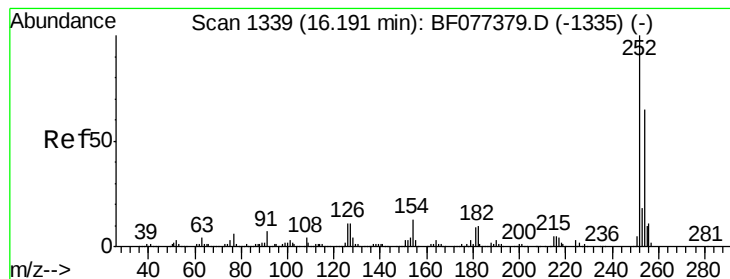
Tot Ion:149 Resp: 372127
Ion Ratio Lower Upper
149 100
91 70.6 51.2 76.8
206 19.7 17.8 26.8



#80
Benzo(a)anthracene
Concen: 40.96 ng
RT: 16.05 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:228 Resp: 879442
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.2 15.8 23.8

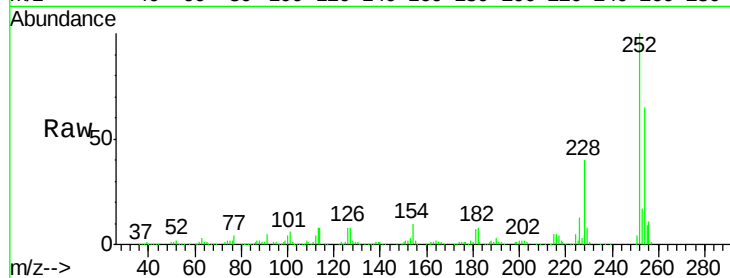




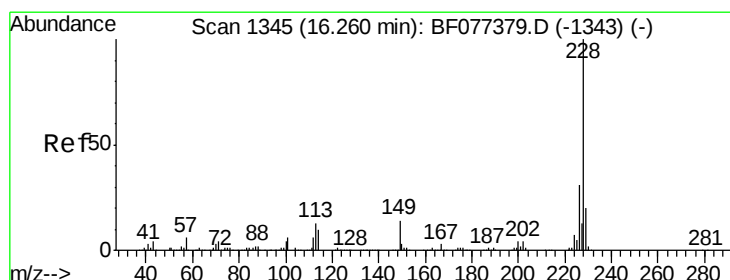
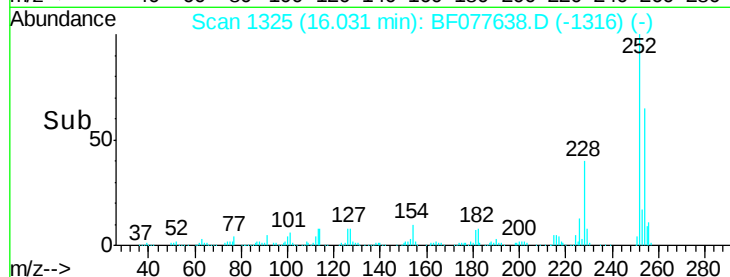
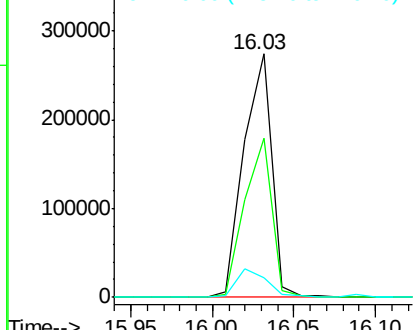
#81
 3,3'-Dichlorobenzidine
 Concen: 41.26 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 324581
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.9 79.3
 126 8.1 7.3 10.9

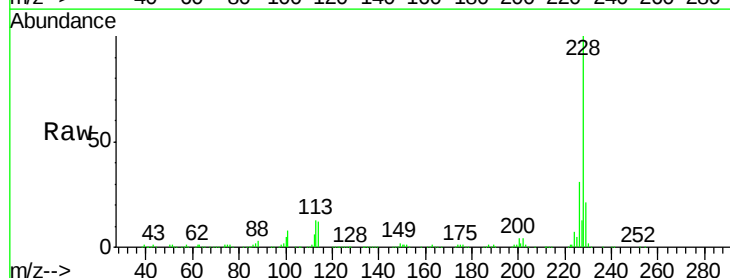


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

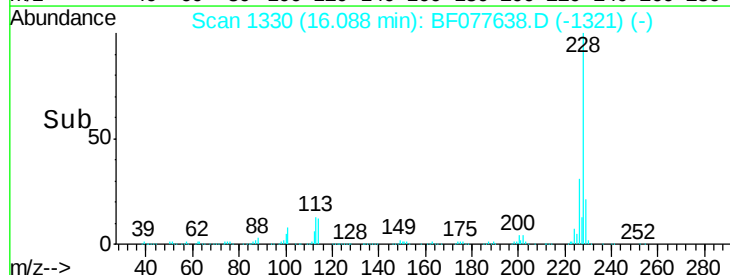
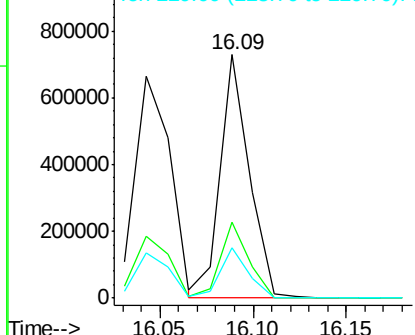


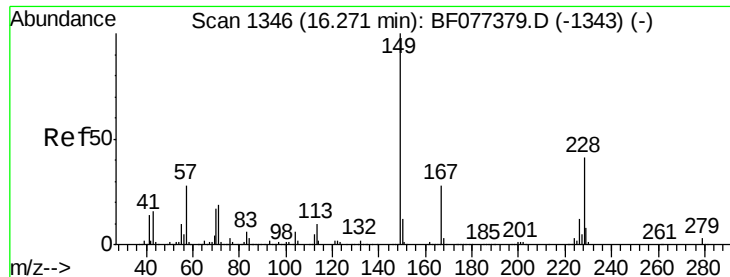
#82
 Chrysene
 Concen: 38.98 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:228 Resp: 785909
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.6 16.4 24.6



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

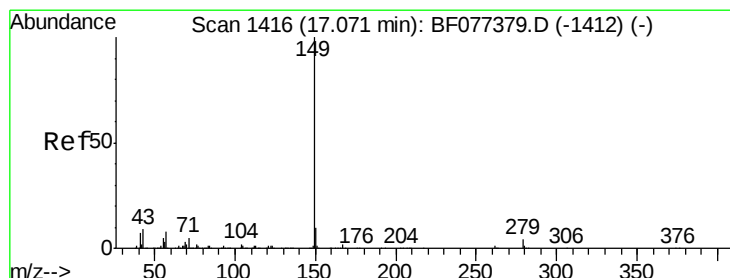
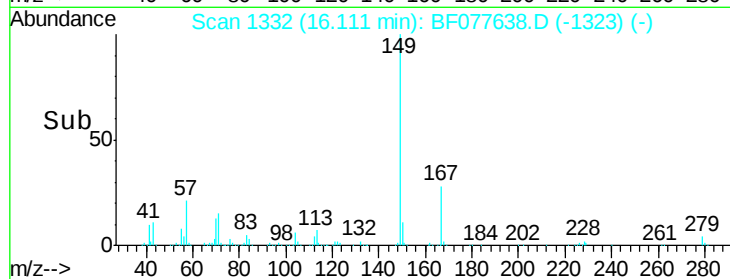
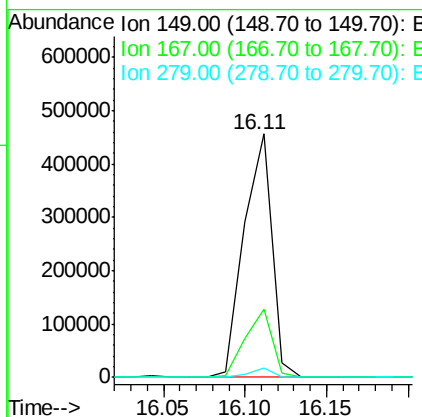
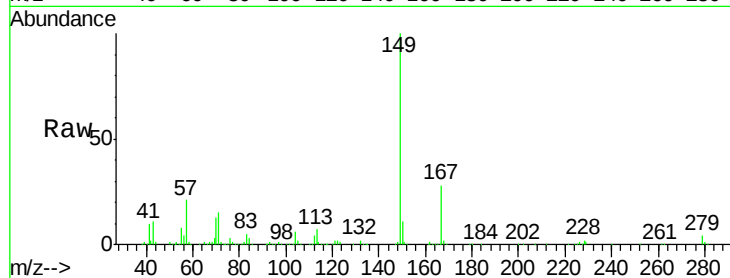




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.54 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

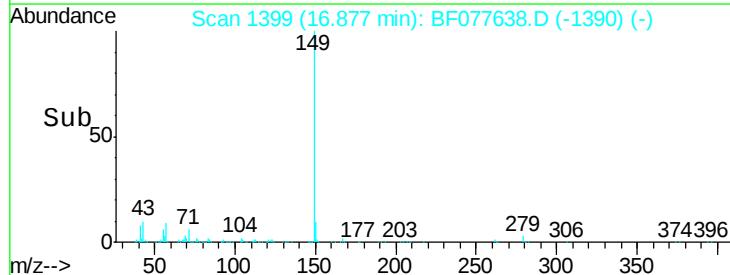
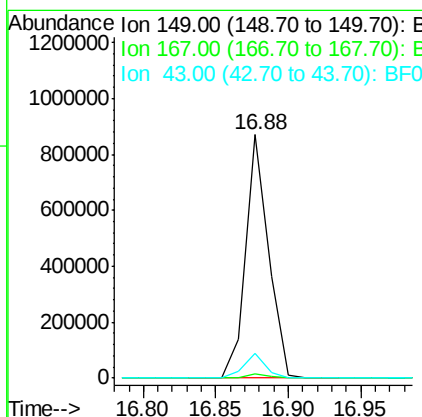
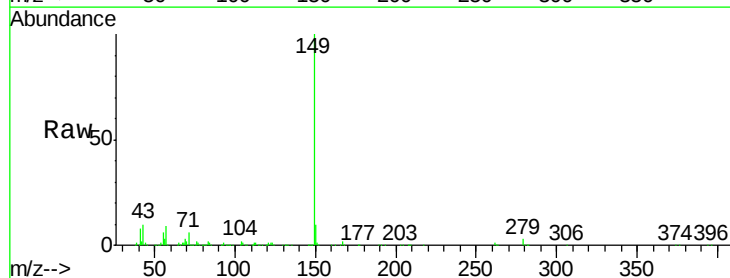
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

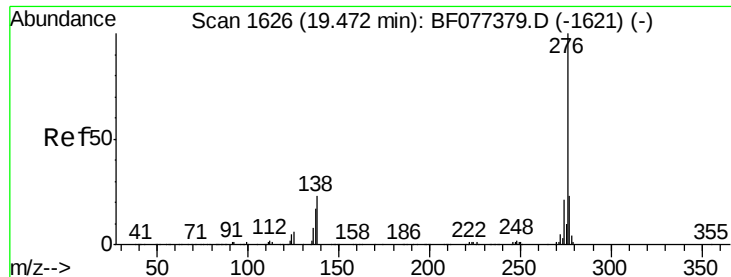
Tot Ion:149 Resp: 540307
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.8 34.2
 279 4.1 3.8 5.6



#84
 Di-n-octyl phthalate
 Concen: 38.70 ng
 RT: 16.88 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF077638.D
 Acq: 9 Mar 2015 14:31

Tgt Ion:149 Resp: 955157
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.8 8.1 12.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.53 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

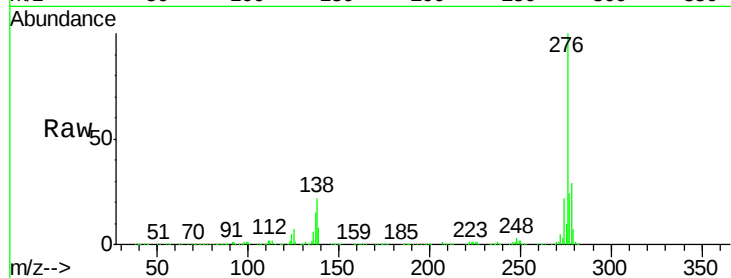
Tot Ion:276 Resp: 1046772

Ion Ratio Lower Upper

276 100

138 28.1 21.2 31.8

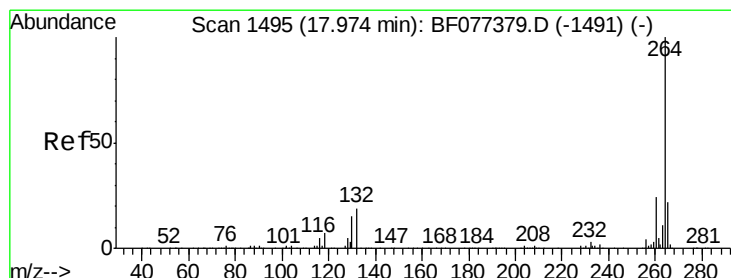
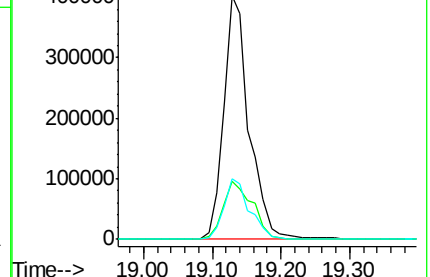
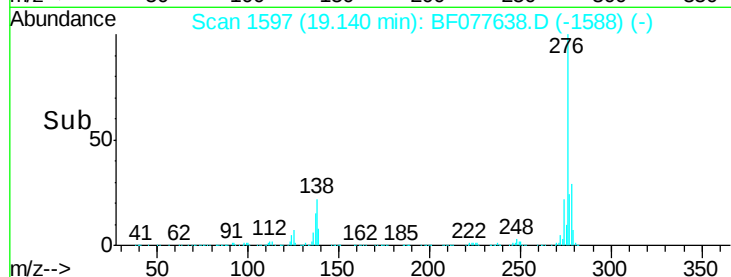
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.73 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

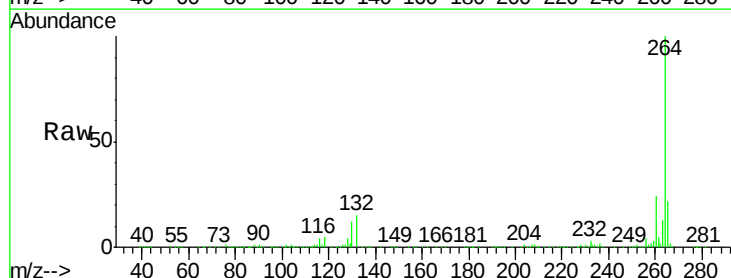
Tgt Ion:264 Resp: 388009

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

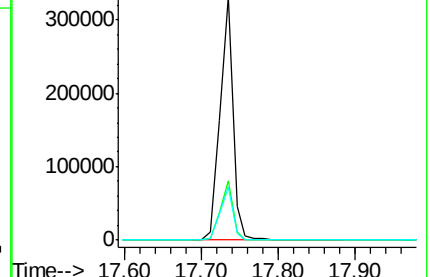
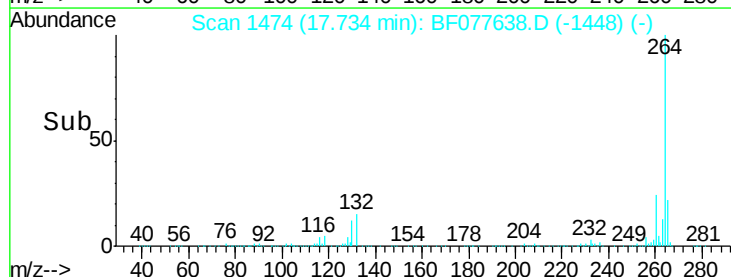
265 21.7 16.8 25.2

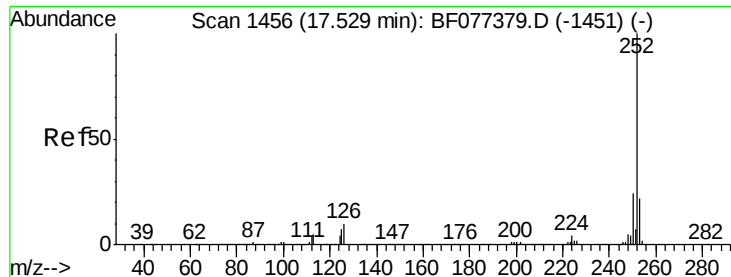


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

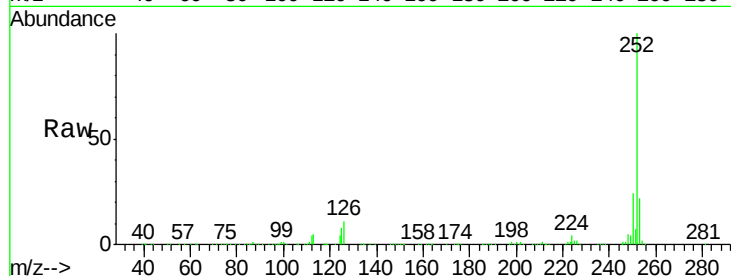




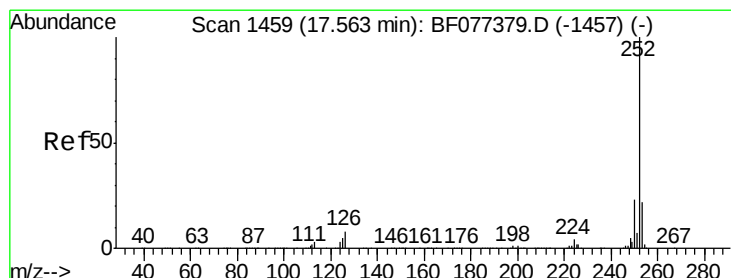
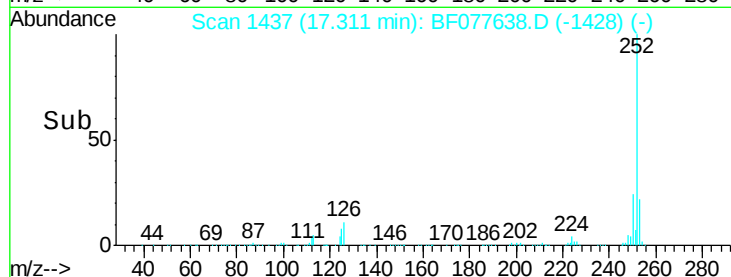
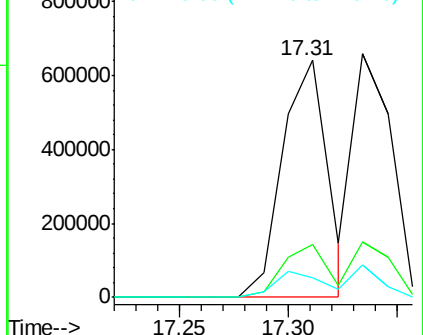
#87
Benzo(b)fluoranthene
Concen: 41.05 ng
RT: 17.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 926170
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.0 5.4 8.2

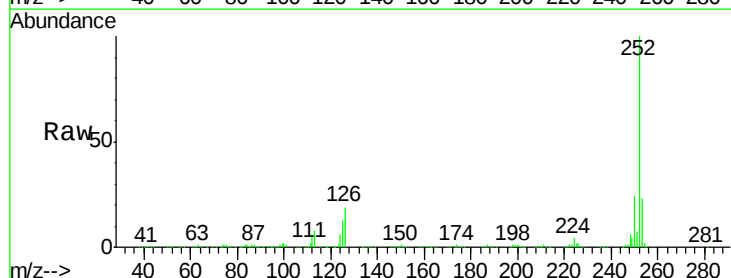


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

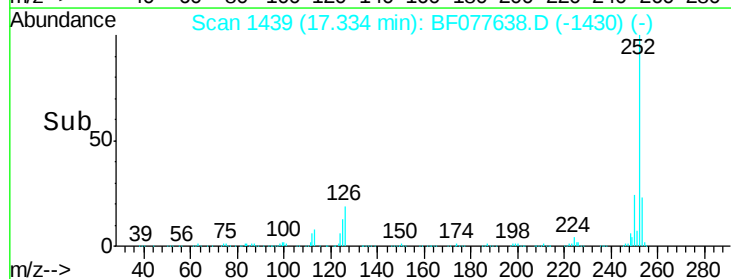
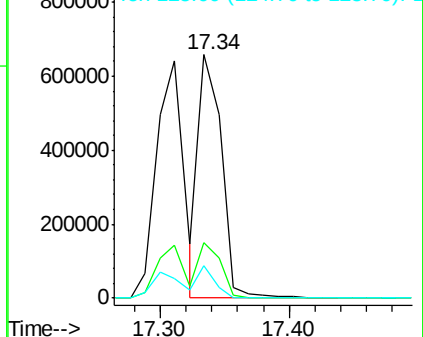


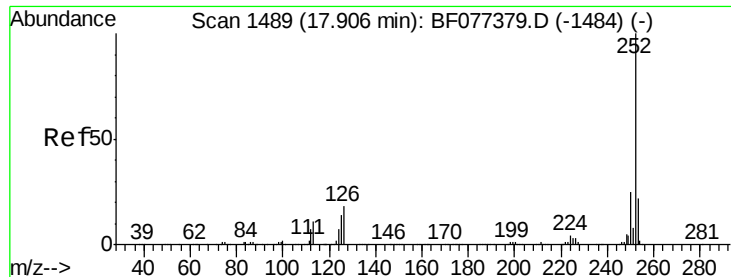
#88
Benzo(k)fluoranthene
Concen: 37.64 ng m
RT: 17.33 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:252 Resp: 832401
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 13.1 10.1 15.1



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

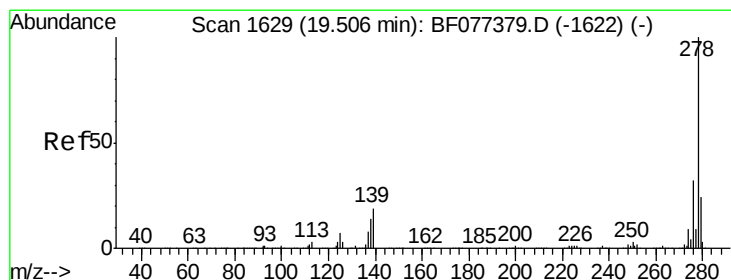
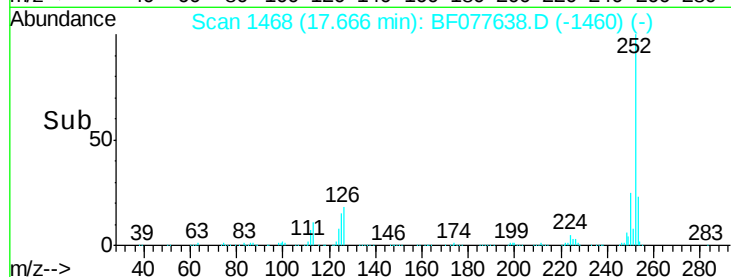
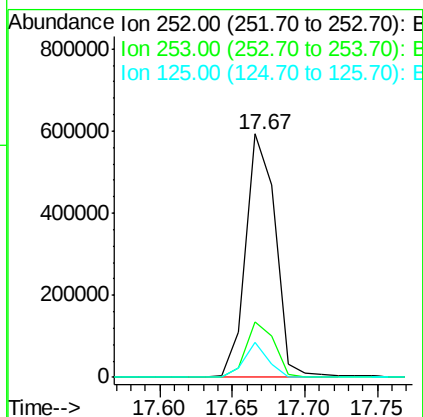
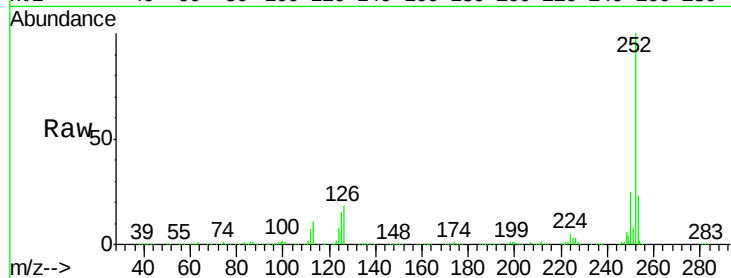




#89
Benzo(a)pyrene
Concen: 39.12 ng
RT: 17.67 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

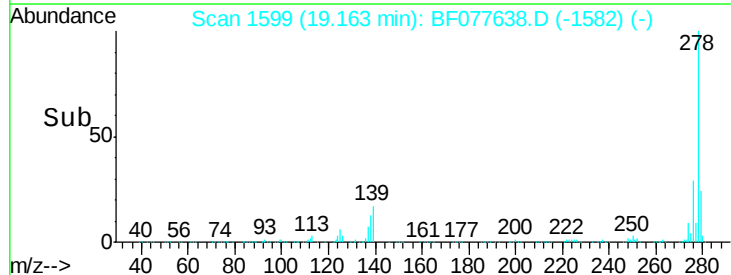
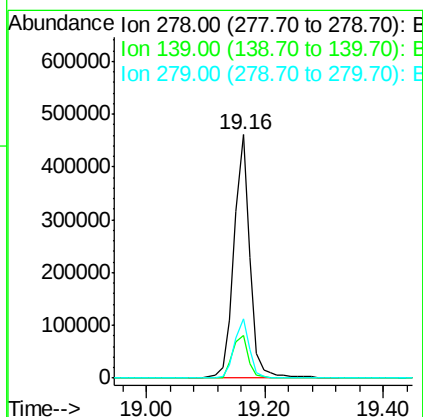
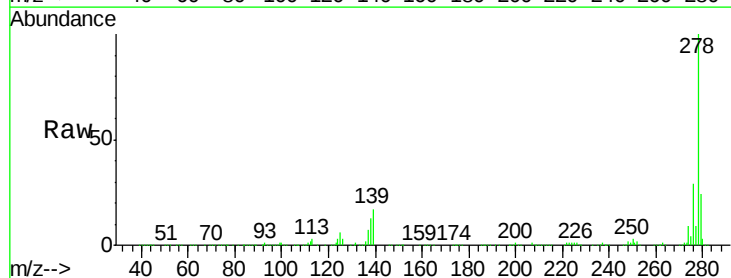
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

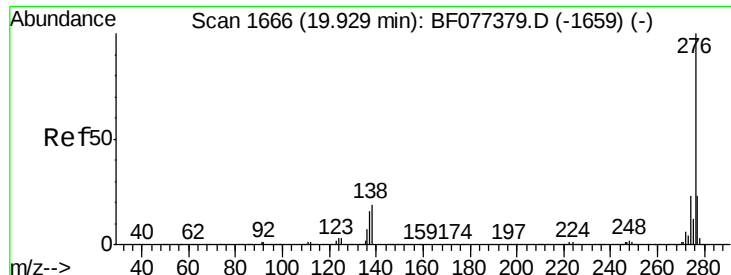
Tot Ion:252 Resp: 840620
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 14.5 8.3 12.5#



#90
Dibenzo(a,h)anthracene
Concen: 41.65 ng
RT: 19.16 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF077638.D
Acq: 9 Mar 2015 14:31

Tgt Ion:278 Resp: 853611
Ion Ratio Lower Upper
278 100
139 17.4 14.3 21.5
279 24.1 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 42.01 ng

RT: 19.55 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF077638.D

Acq: 9 Mar 2015 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

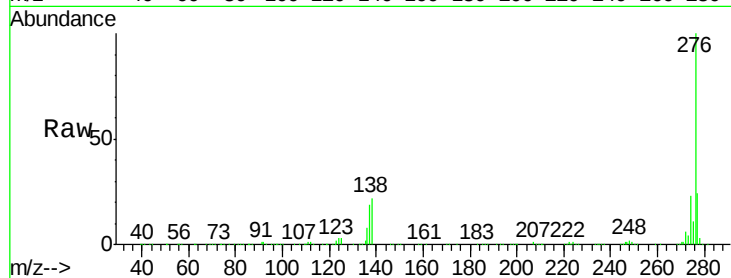
Tot Ion:276 Resp: 868988

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 22.5 20.5 30.7



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

