Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079303.D
Acq On : 16 May 2015 9:37
Operator : TP/IZ
Sample : G2215-15MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-36SMSD

Quant Time: May 18 01:00:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-7.22
21) Naphthalene-d8	8.75	136	265925	20.00	ng		-0.05
38) Acenaphthene-d10	10.92	164	122334	20.00	ng		-0.05
63) Phenanthrene-d10	12.77	188	223335	20.00	ng		-0.06
75) Chrysene-d12	16.06	240	225016	20.00	ng		-0.45
86) Perylene-d12	18.34	264	1063	20.00	ng		-0.54
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.87	82	286848	61.99	ng		-0.05
41) 2,4,6-Tribromophenol	11.91	330	134043	101.28	ng		-0.05
44) 2-Fluorobiphenyl	10.10	172	551781	62.84	ng		-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
22) Acetophenone	7.69	105	201960	33.62	ng	#	86
24) Nitrobenzene	7.90	77	148708	32.42	ng	#	88
25) Isophorone	8.19	82	259440	30.24	ng	#	92
26) 2-Nitrophenol	8.28	139	61781	32.55	ng	#	79
27) 2,4-Dimethylphenol	8.35	122	121987	32.11	ng		94
28) bis(2-Chloroethoxy)methane	8.48	93	173738	32.85	ng		99
29) 2,4-Dichlorophenol	8.59	162	113910	33.72	ng		87
30) 1,2,4-Trichlorobenzene	8.68	180	116336	31.35	ng		98
31) Naphthalene	8.78	128	389146	30.71	ng		100
32) Benzoic acid	8.44	122	21868	14.29	ng		97
33) 4-Chloroaniline	8.86	127	91530	17.07	ng		95
34) Hexachlorobutadiene	8.94	225	67915	31.78	ng		98
35) Caprolactam	9.28	113	33315	30.50	ng		97
36) 4-Chloro-3-methylphenol	9.47	107	118558	33.42	ng		99
37) 2-Methylnaphthalene	9.64	142	279317	31.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	112100	32.54	ng		98
40) Hexachlorocyclopentadiene	9.83	237	32607	18.82	ng		93
42) 2,4,6-Trichlorophenol	10.00	196	75247	31.77	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	79163	33.06	ng		96
45) 1,1'-Biphenyl	10.23	154	321054	33.01	ng		100
46) 2-Chloronaphthalene	10.24	162	238992	31.50	ng		99
47) 2-Nitroaniline	10.38	65	77089	35.07	ng	#	76
48) Acenaphthylene	10.75	152	402432	32.31	ng		99
49) Dimethylphthalate	10.62	163	335147	37.33	ng		98
50) 2,6-Dinitrotoluene	10.68	165	56046	31.63	ng	#	55
51) Acenaphthene	10.97	154	231595	31.18	ng		98
52) 3-Nitroaniline	10.89	138	60097	27.15	ng	#	78
53) 2,4-Dinitrophenol	11.03	184	6671	18.72	ng	#	65
54) Dibenzofuran	11.19	168	361019	33.65	ng		96
55) 4-Nitrophenol	11.11	139	99127	56.58	ng		88
56) 2,4-Dinitrotoluene	11.19	165	76523	32.67	ng		93
57) Fluorene	11.61	166	289615	32.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	61607	31.48	ng		98
59) Diethylphthalate	11.48	149	279693	31.44	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079303.D
Acq On : 16 May 2015 9:37
Operator : TP/IZ
Sample : G2215-15MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-36SMSD

Quant Time: May 18 01:00:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	11.62	204	126817	32.46	ng		90
61) 4-Nitroaniline	11.64	138	61194	27.64	ng		88
62) Azobenzene	11.82	77	283824	32.38	ng		94
64) 4,6-Dinitro-2-methylphenol	11.69	198	9532	14.60	ng		84
65) n-Nitrosodiphenylamine	11.77	169	244301	32.85	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	77849	33.44	ng	#	81
67) Hexachlorobenzene	12.28	284	87337	32.82	ng	#	75
68) Atrazine	12.44	200	77455	35.81	ng		93
69) Pentachlorophenol	12.54	266	85147	56.86	ng		100
70) Phenanthrene	12.80	178	436935	34.97	ng		99
71) Anthracene	12.87	178	409697	33.42	ng		99
72) Carbazole	13.07	167	397168	34.00	ng		98
73) Di-n-butylphthalate	13.52	149	474207	33.85	ng		98
74) Fluoranthene	14.27	202	470730	36.16	ng		97
77) Pyrene	14.27	202	470745	36.30	ng		99
80) Benzo(a)anthracene	16.05	228	425667	34.54	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	154476	35.20	ng	#	98
82) Chrysene	16.09	228	401116	33.85	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	319476	37.21	ng	#	98
87) Benzo(b)fluoranthene	17.75	252	423732	7282.68	ng	#	95
88) Benzo(k)fluoranthene	17.75	252	423732	7522.79	ng		99
89) Benzo(a)pyrene	18.23	252	215	4.01	ng	#	59

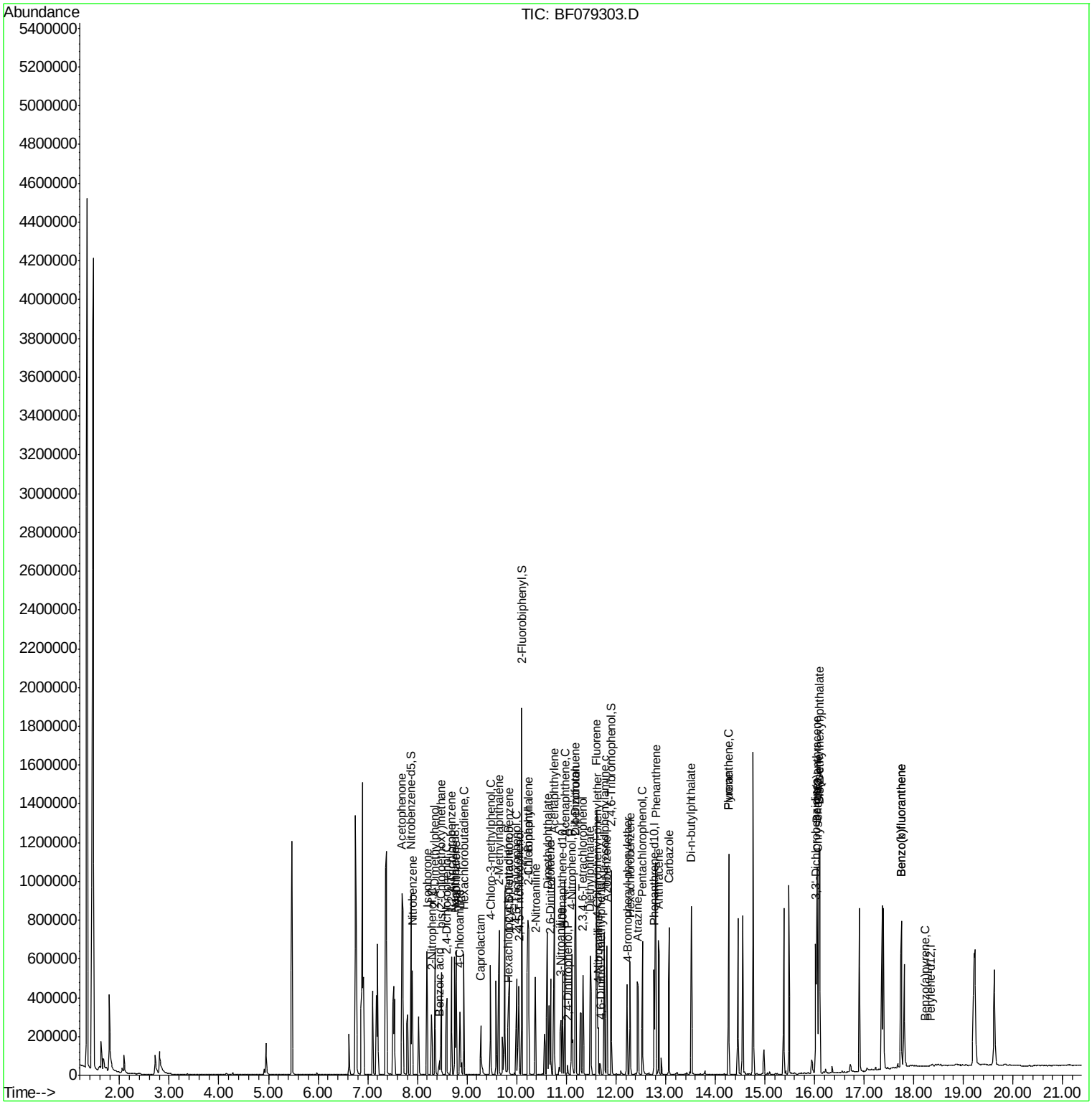
(#) = qualifier out of range (m) = manual integration (+) = signals summed

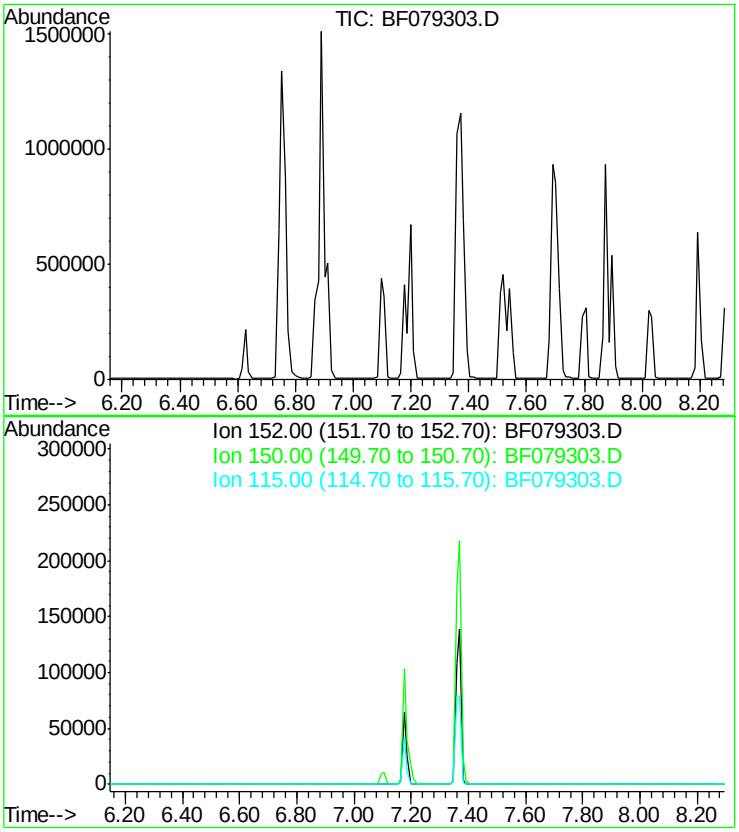
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079303.D
Acq On : 16 May 2015 9:37
Operator : TP/IZ
Sample : G2215-15MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Quant Time: May 18 01:00:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration





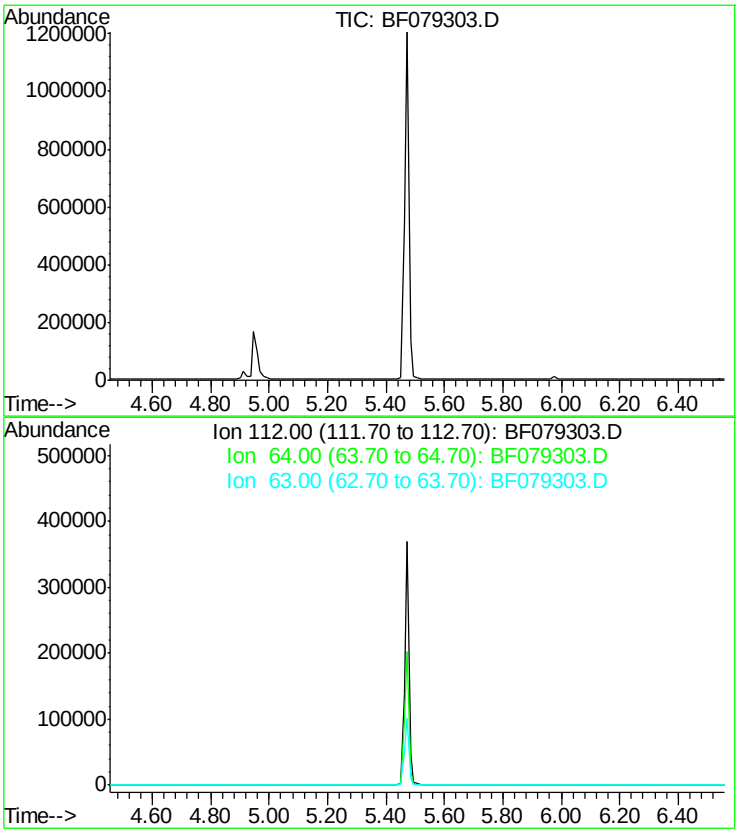
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

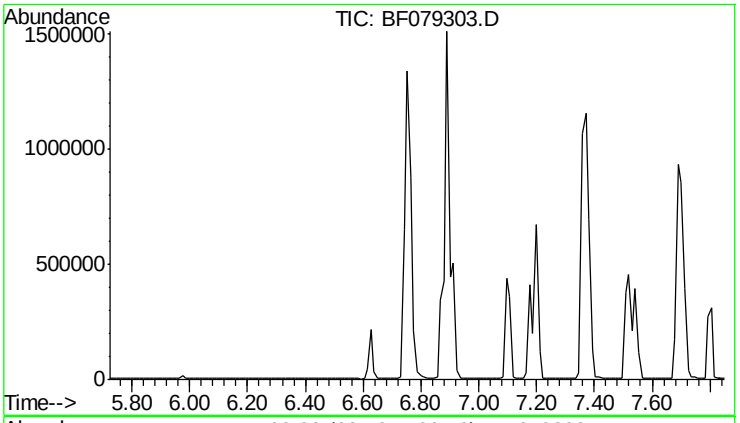


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



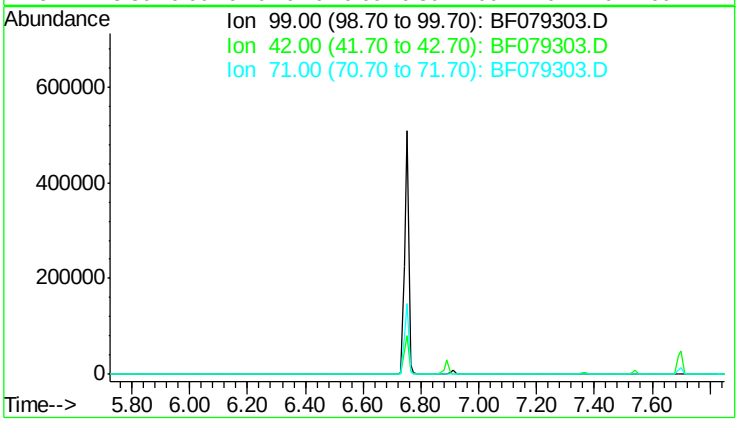
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

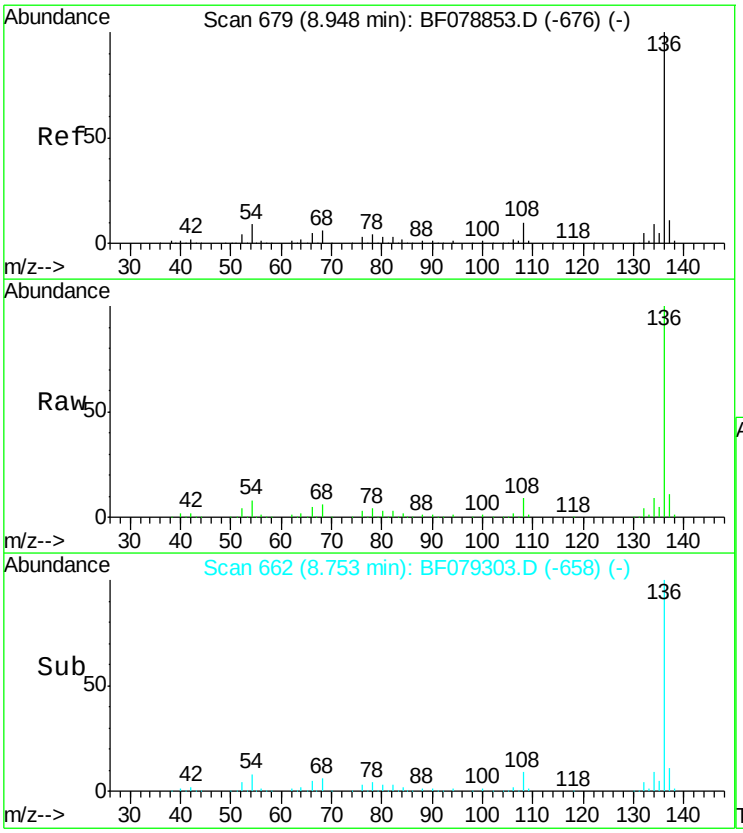
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

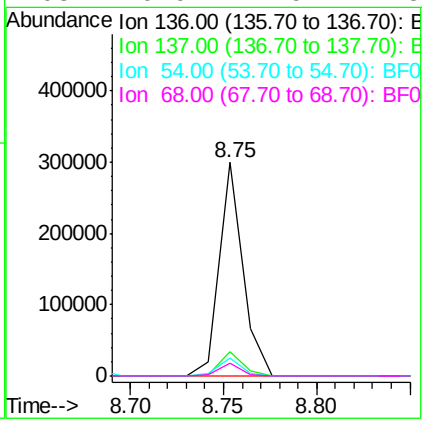


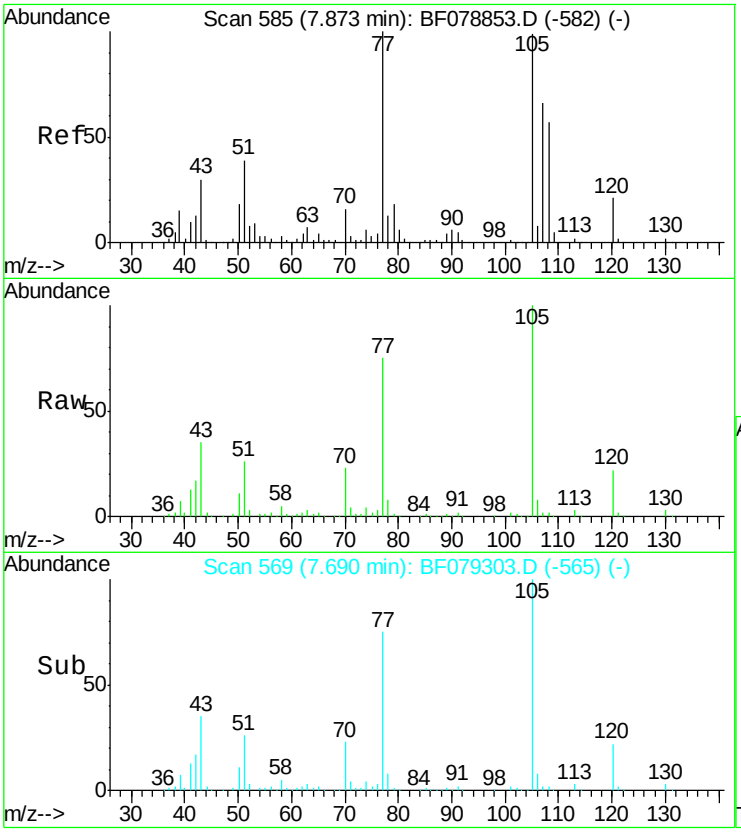


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:136 Resp: 265925

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	6.9	10.3
68	6.0	4.9	7.3



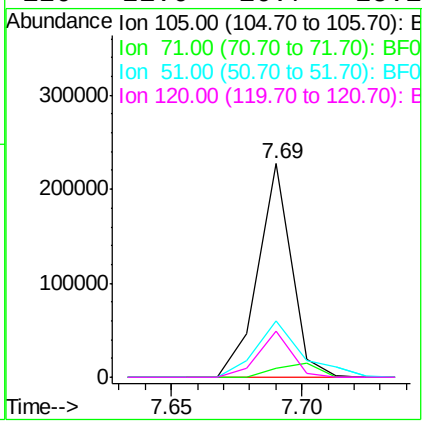


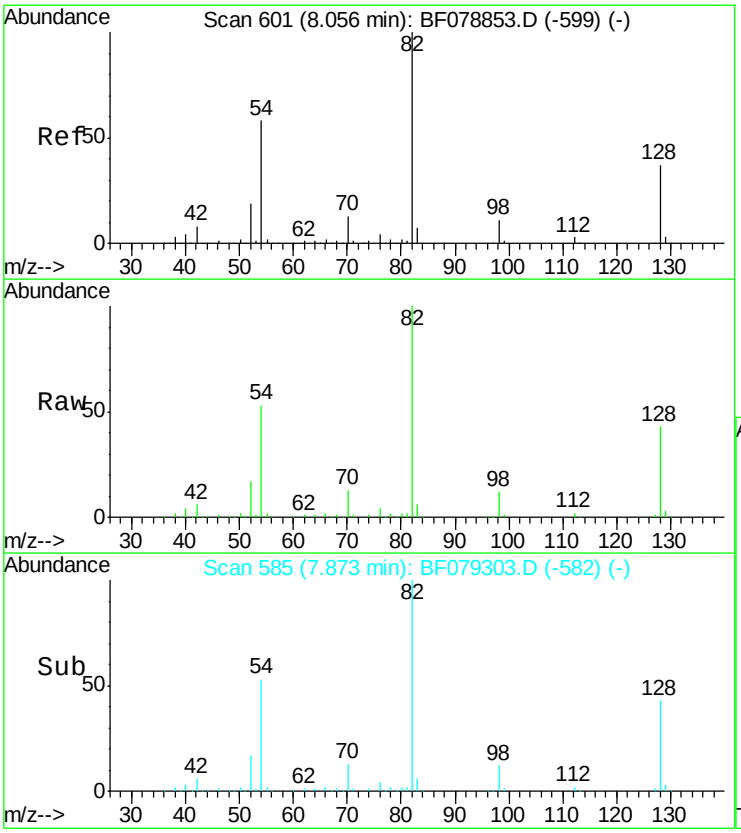
#22
Acetophenone
Concen: 33.62 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:105 Resp: 201960

Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.2	3.4#
51	26.2	31.1	46.7#
120	21.6	16.7	25.1

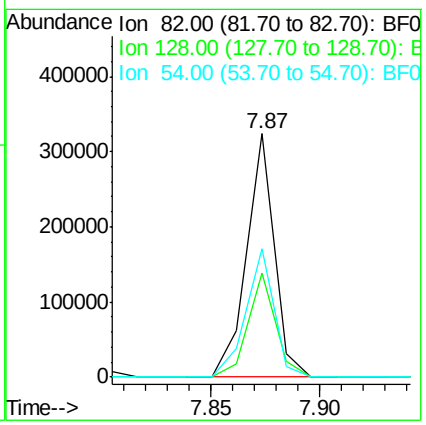


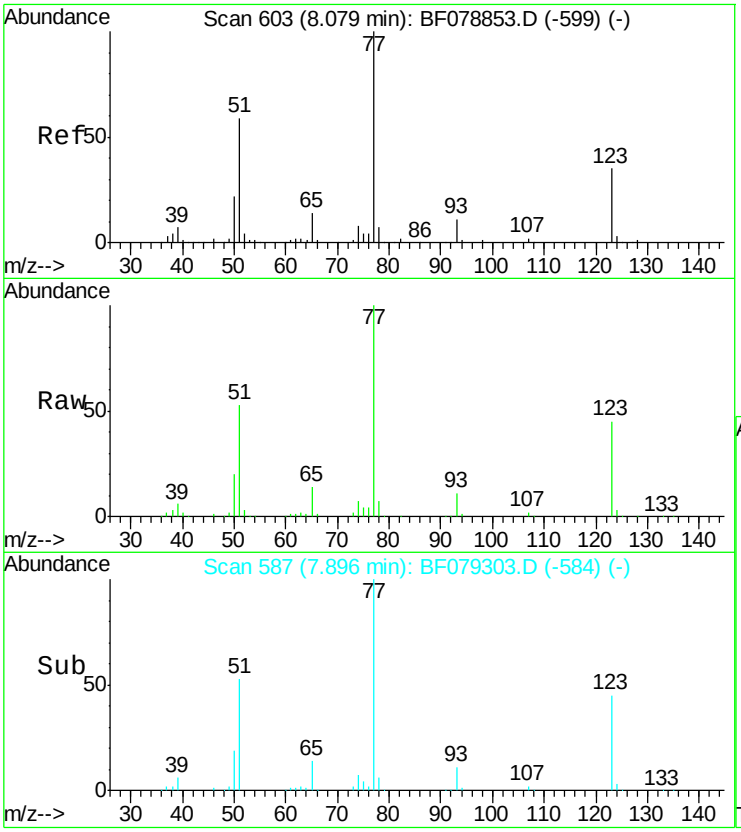


#23
Nitrobenzene-d5
Concen: 61.99 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 82 Resp: 286848

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	52.7	46.2	69.4



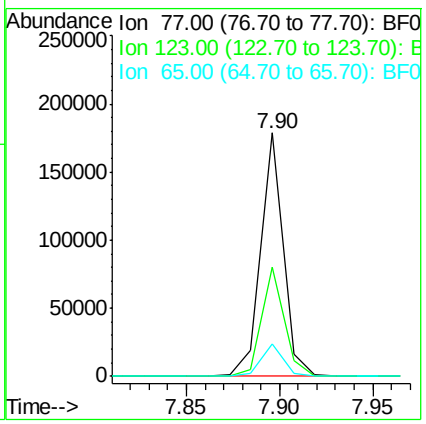


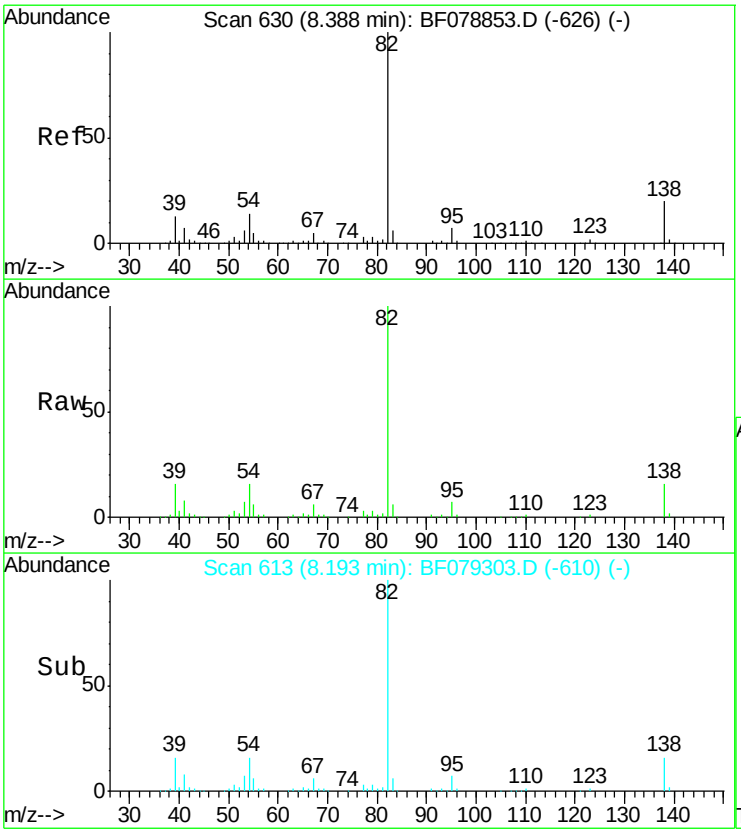
#24
Nitrobenzene
Concen: 32.42 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion: 77 Resp: 148708

Ion	Ratio	Lower	Upper
77	100		
123	45.0	28.3	42.5#
65	13.5	11.0	16.4

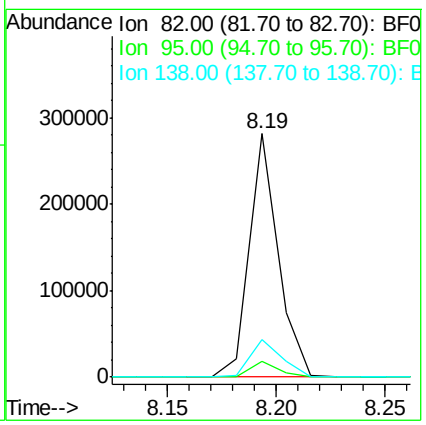


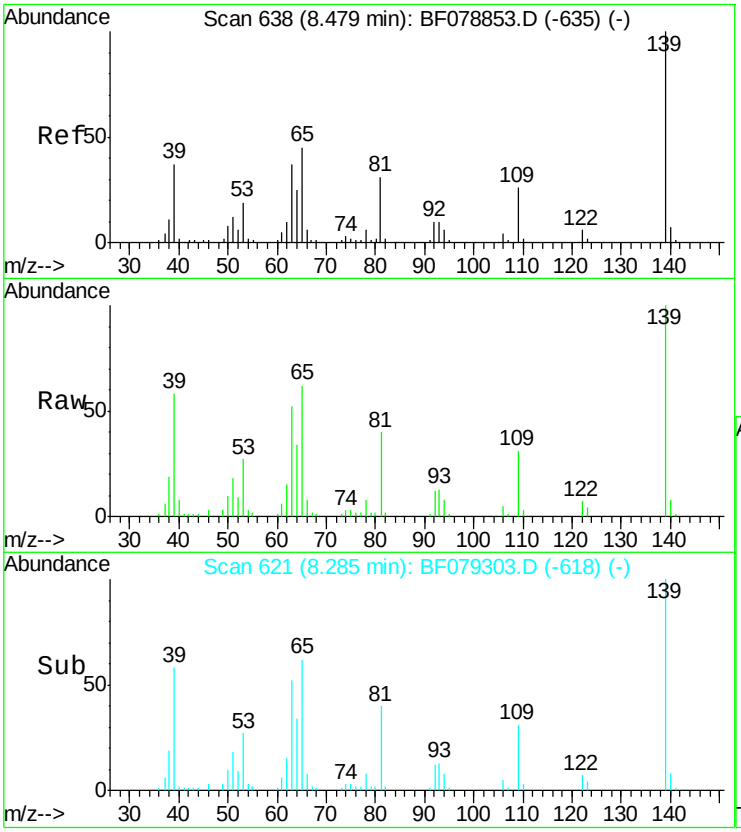


#25
Isophorone
Concen: 30.24 ng
RT: 8.19 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 82 Resp: 259440

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	15.5	16.1	24.1#



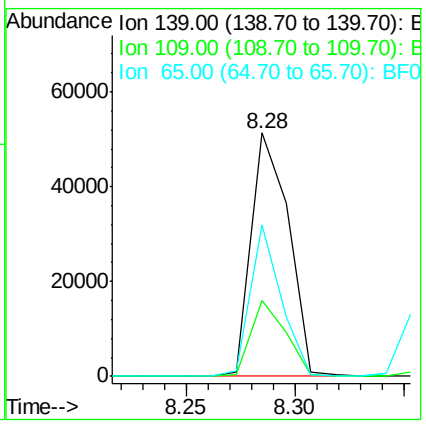


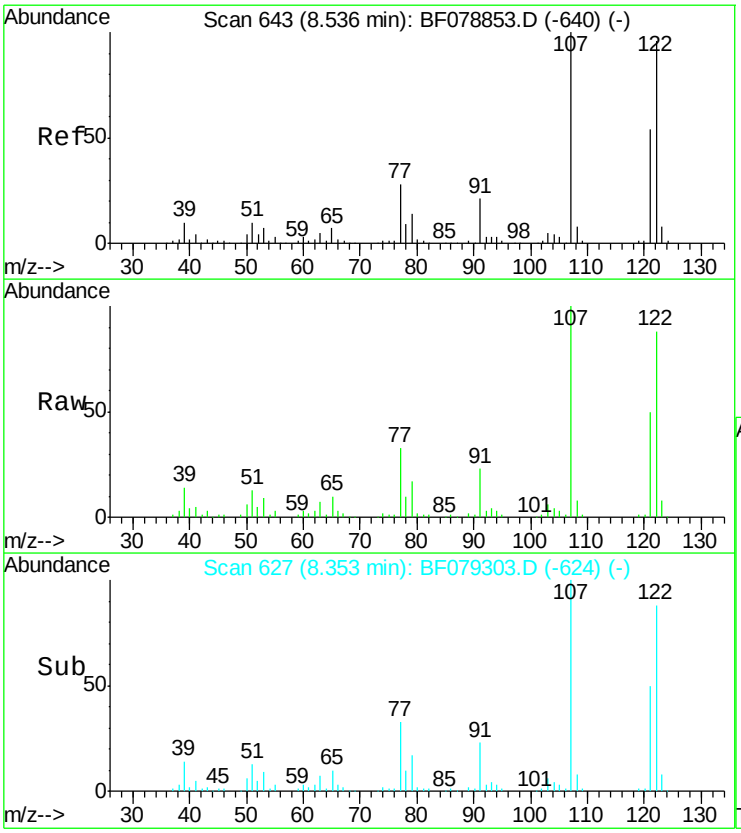
#26
2-Nitrophenol
Concen: 32.55 ng
RT: 8.28 min Scan# 621
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:139 Resp: 61781

Ion	Ratio	Lower	Upper
139	100		
109	31.4	20.9	31.3#
65	62.2	35.8	53.8#

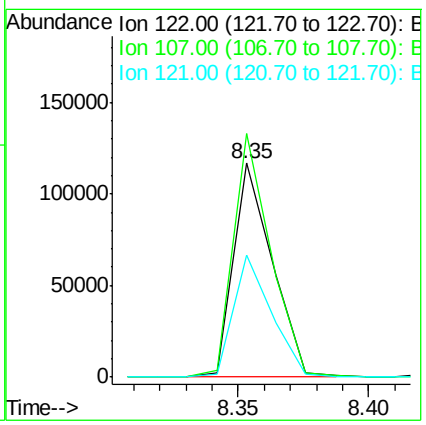


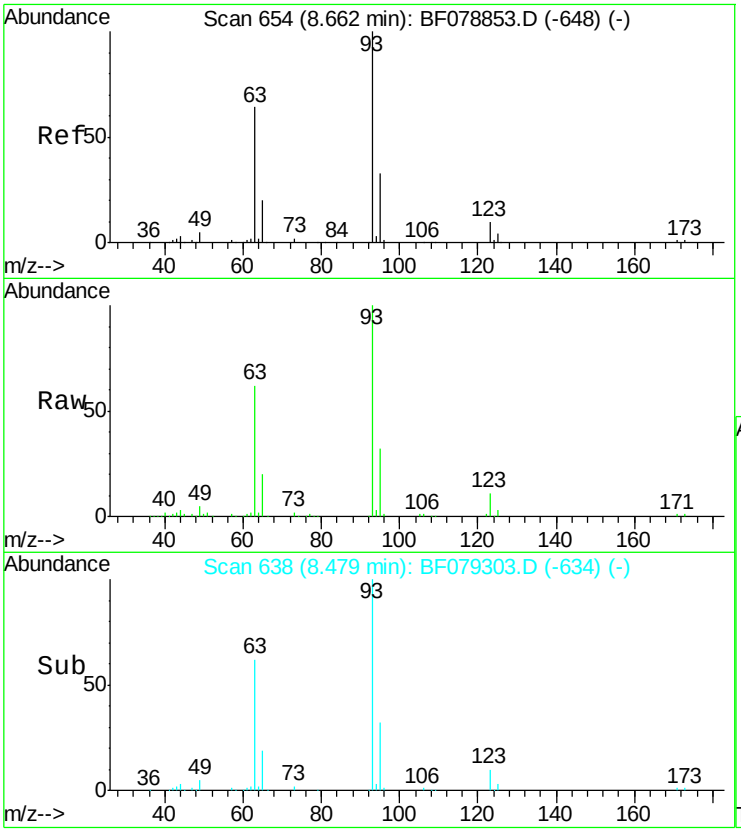


#27
2,4-Dimethylphenol
Concen: 32.11 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:122 Resp: 121987

Ion	Ratio	Lower	Upper
122	100		
107	113.7	83.6	125.4
121	57.0	44.9	67.3



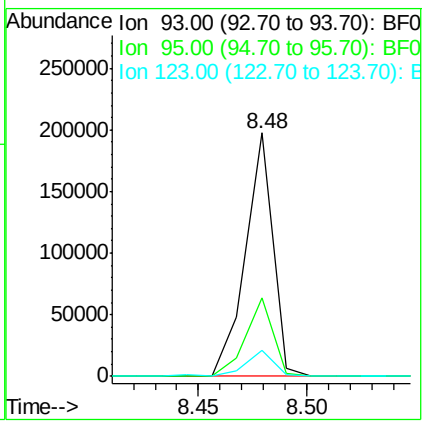


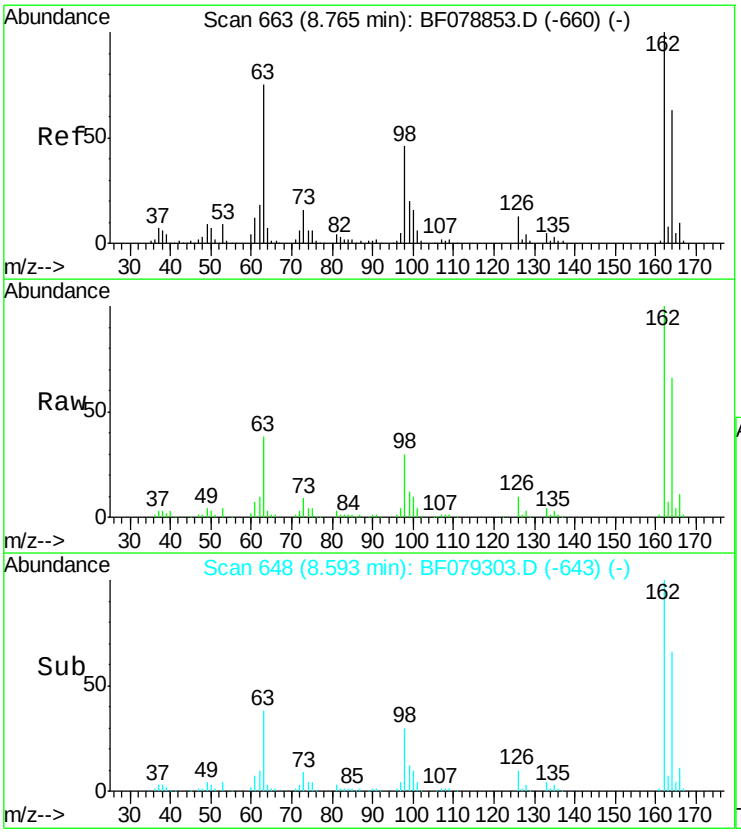
#28
bis(2-Chloroethoxy)methane
Concen: 32.85 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion: 93 Resp: 173738

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	10.8	8.6	12.8

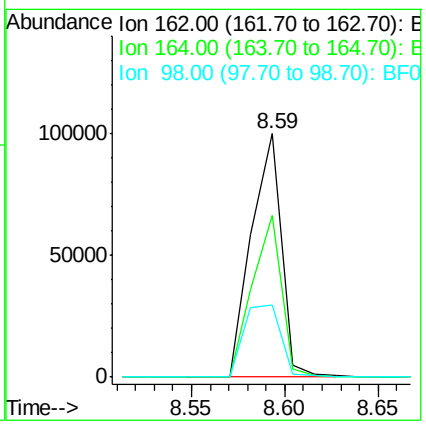


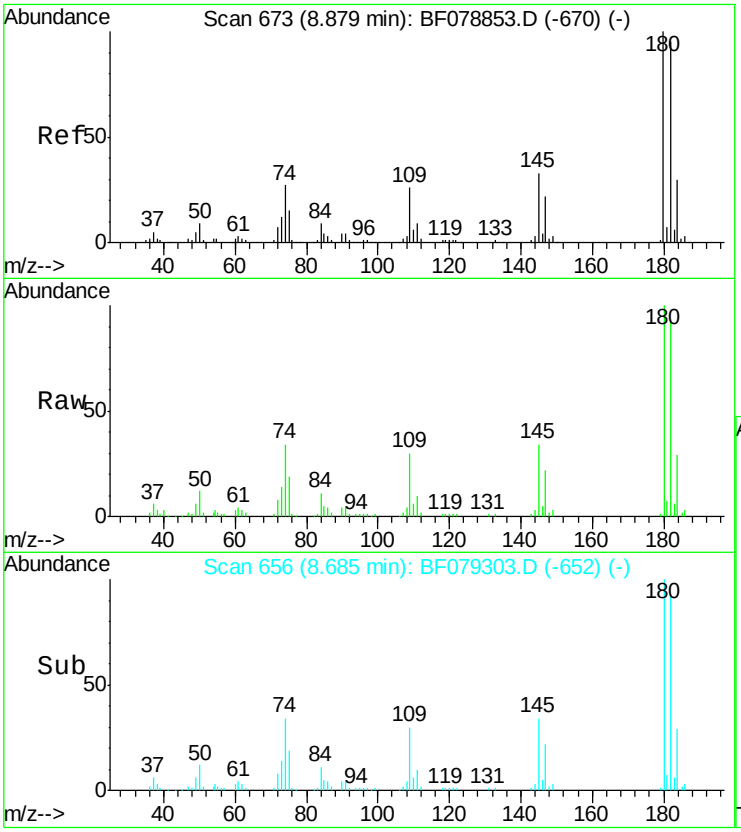


#29
2,4-Dichlorophenol
Concen: 33.72 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:162 Resp: 113910

Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.7	82.7
98	29.6	26.3	66.3



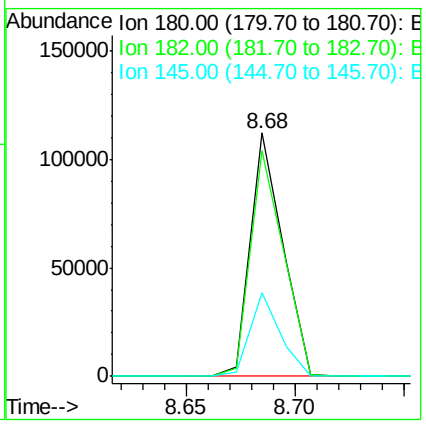


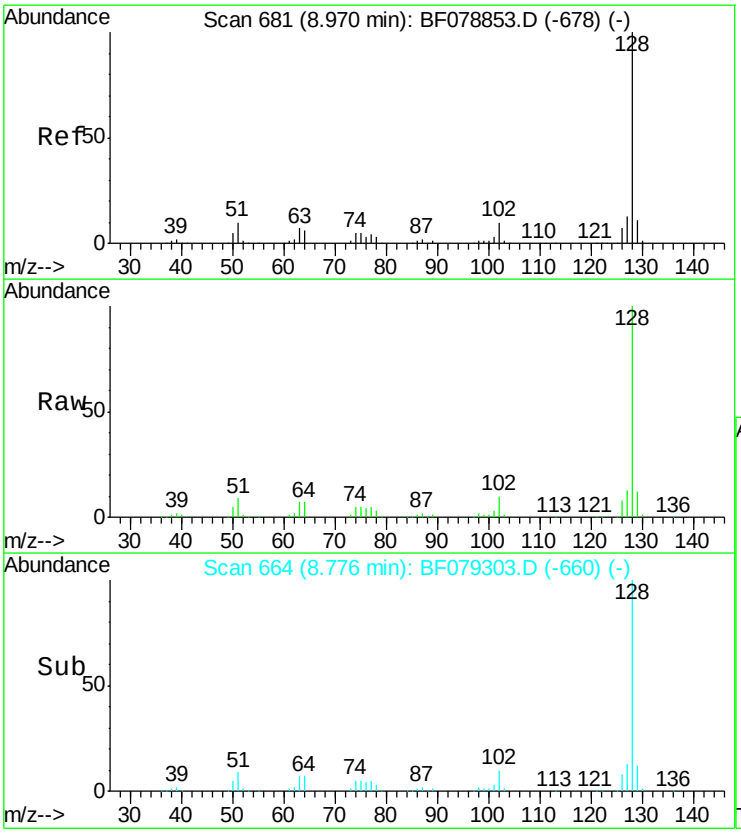
#30
1,2,4-Trichlorobenzene
Concen: 31.35 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:180 Resp: 116336

Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.7	113.5
145	34.4	26.2	39.4

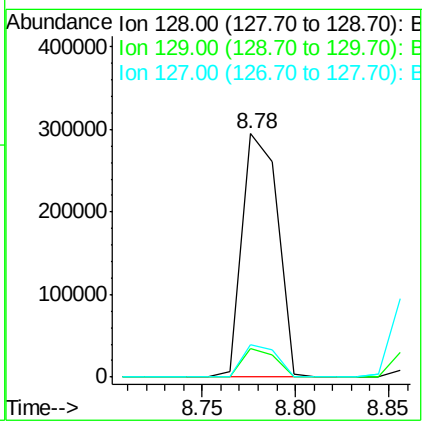


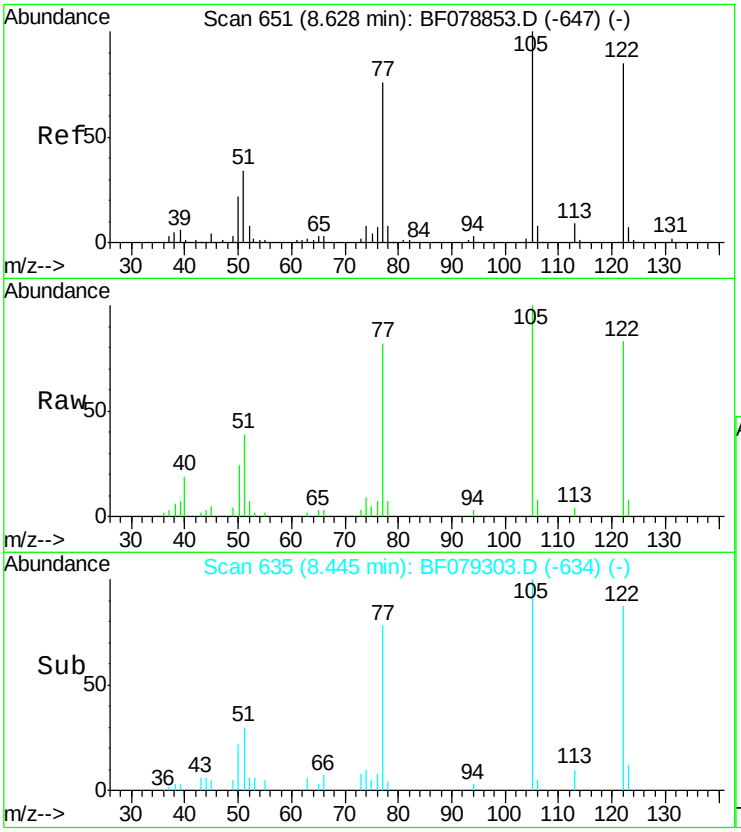


#31
Naphthalene
Concen: 30.71 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:128 Resp: 389146

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.1	10.3	15.5



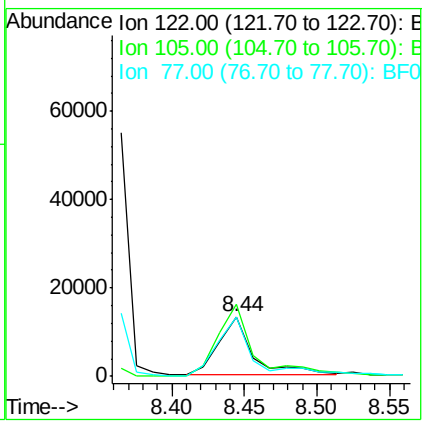


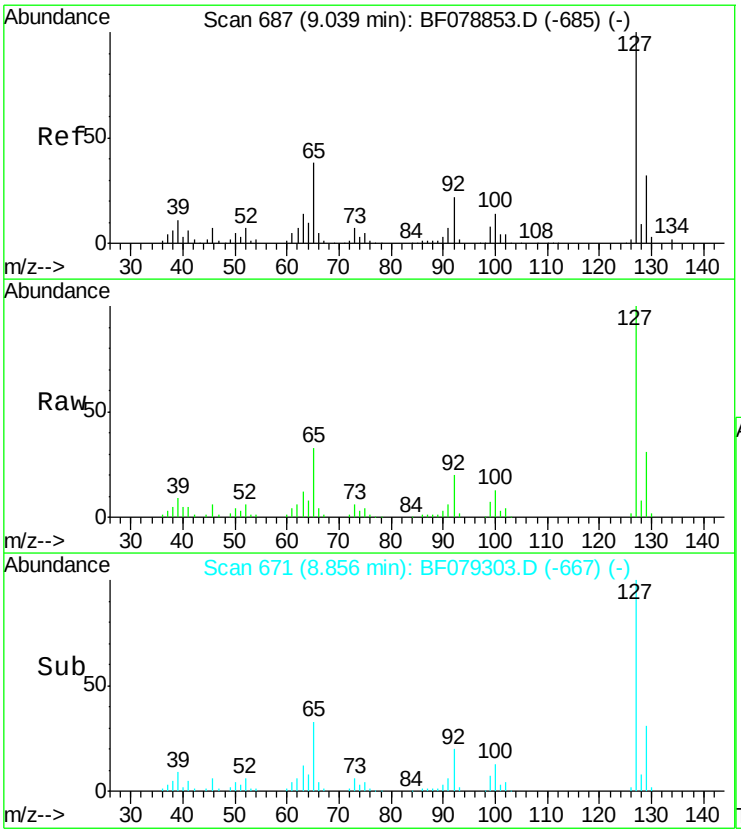
#32
Benzoic acid
Concen: 14.29 ng
RT: 8.44 min Scan# 635
Delta R.T. -0.07 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:122 Resp: 21868

Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.7	140.7
77	98.6	72.0	112.0

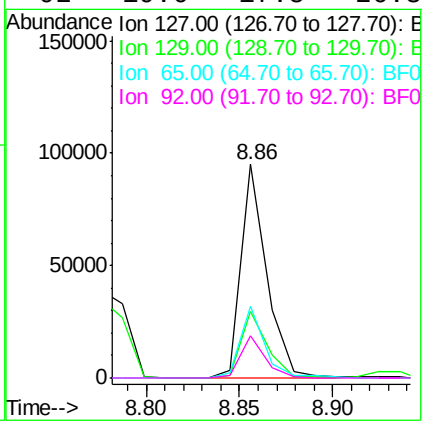


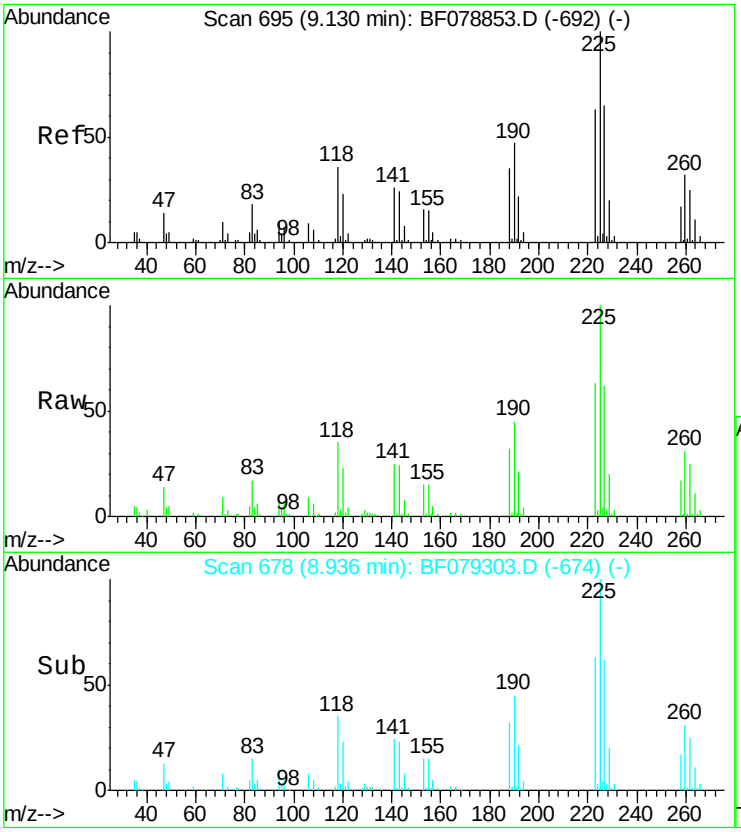


#33
4-Chloroaniline
Concen: 17.07 ng
RT: 8.86 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:127 Resp: 91530

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.6	38.4
65	33.4	30.2	45.4
92	19.6	17.5	26.3



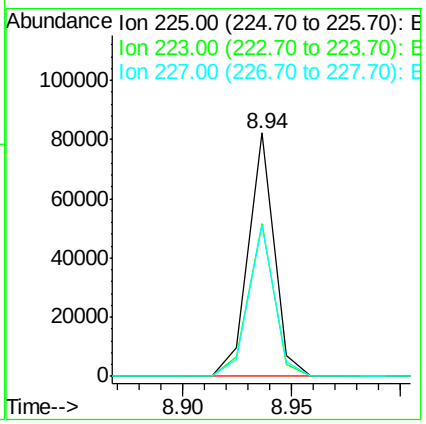


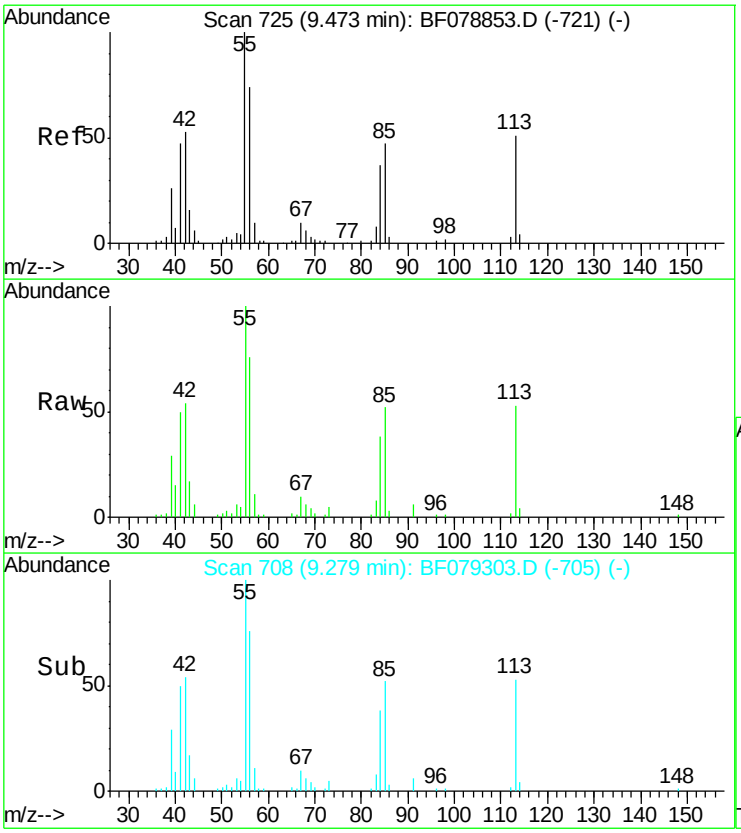
#34
Hexachlorobutadiene
Concen: 31.78 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:225 Resp: 67915

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	62.3	52.1	78.1

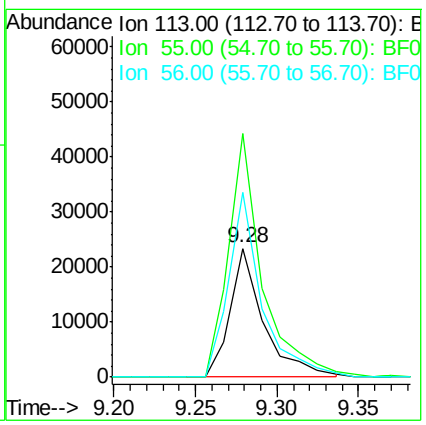


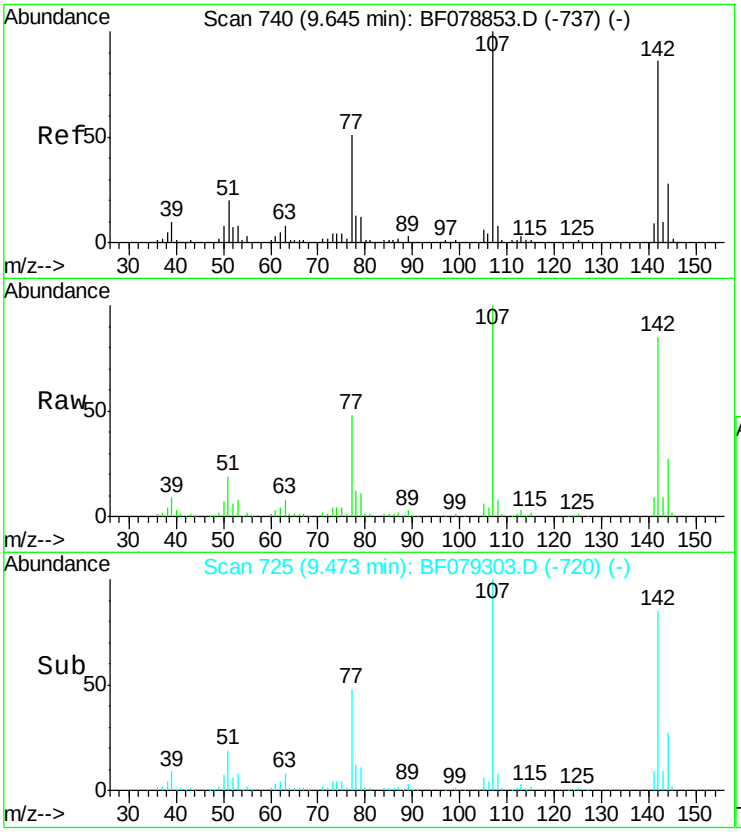


#35
Caprolactam
Concen: 30.50 ng
RT: 9.28 min Scan# 708
Delta R.T. -0.06 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:113 Resp: 33315

Ion	Ratio	Lower	Upper
113	100		
55	188.7	176.0	216.0
56	143.2	123.8	163.8



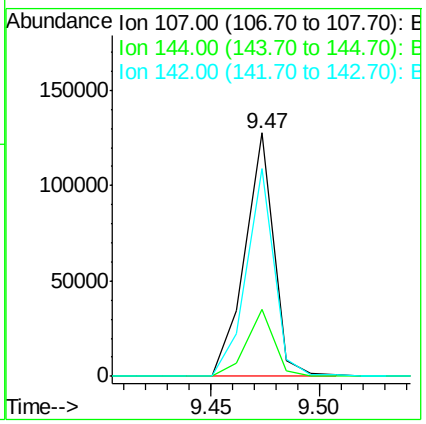


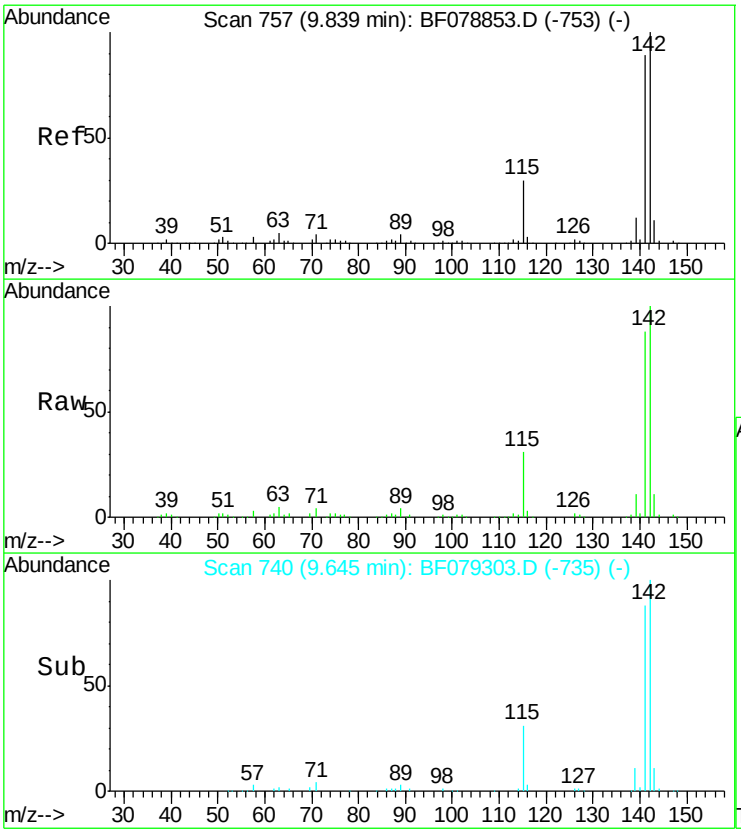
#36
4-Chloro-3-methylphenol
Concen: 33.42 ng
RT: 9.47 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:107 Resp: 118558

Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.5	33.7
142	85.5	68.6	103.0

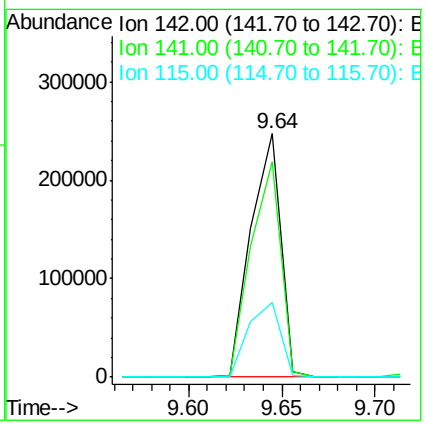


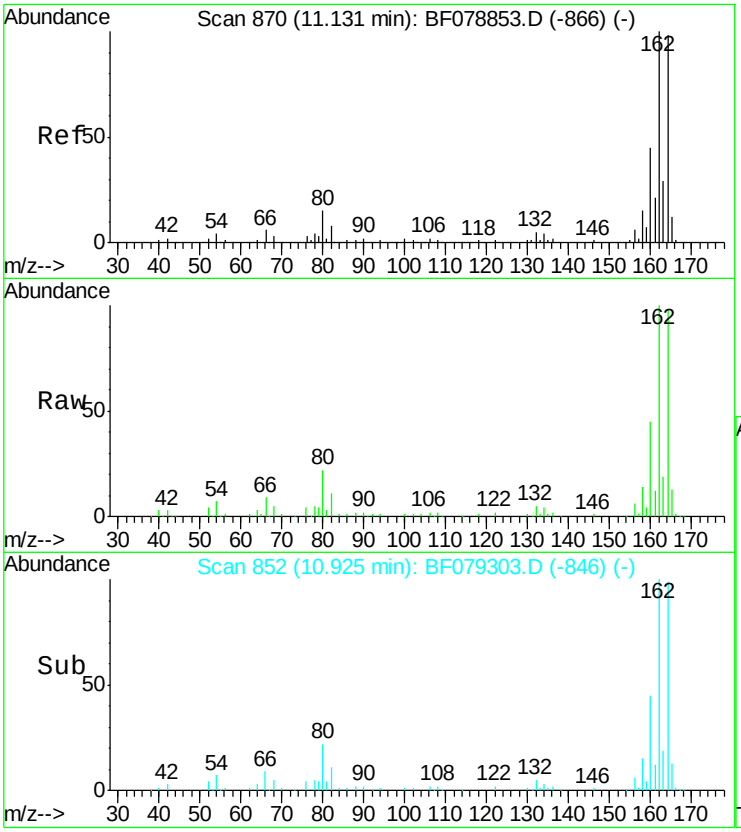


#37
2-Methylnaphthalene
Concen: 31.81 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:142 Resp: 279317

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	30.6	24.2	36.4



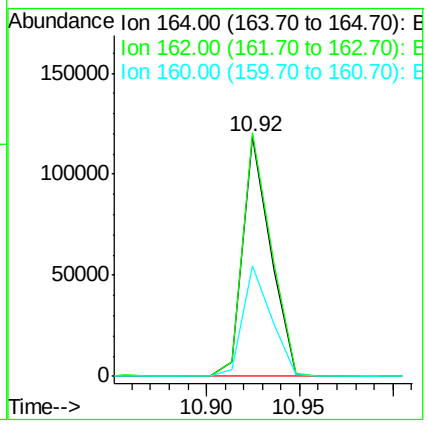


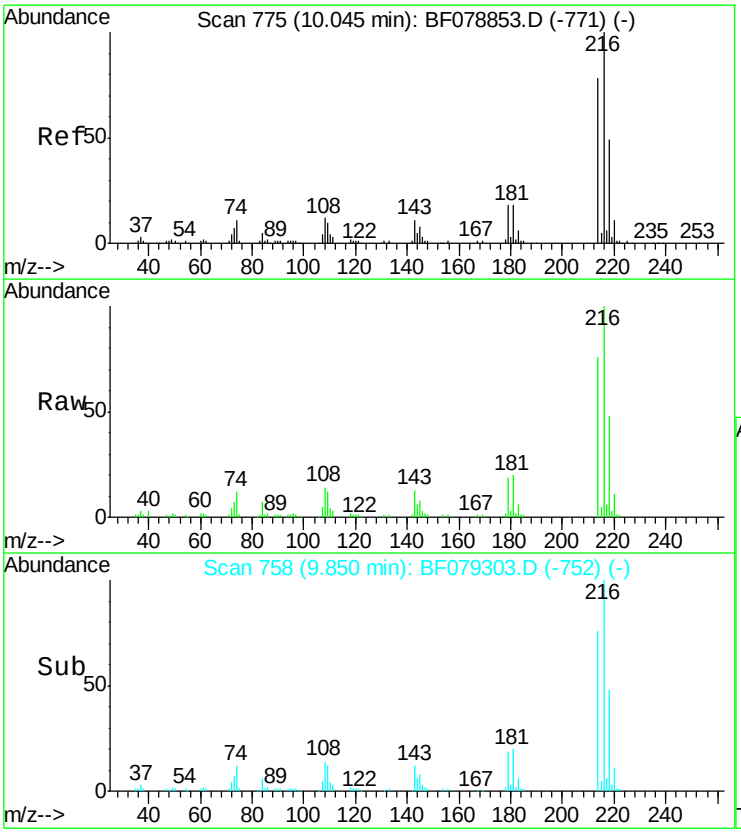
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:164 Resp: 122334

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	46.0	36.6	54.8

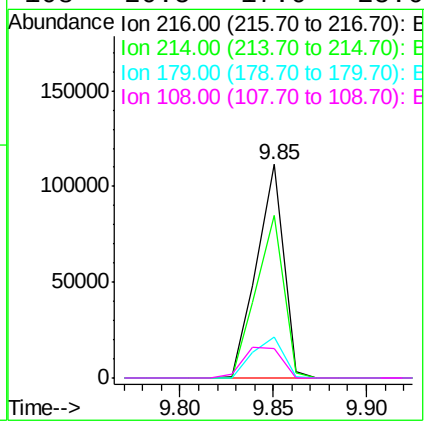


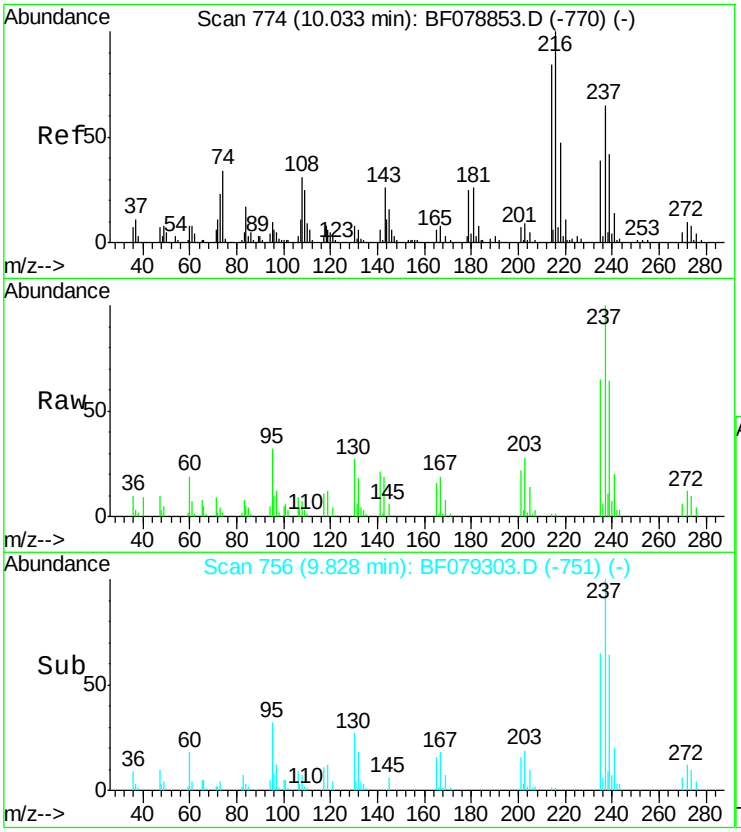


#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.54 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:216 Resp: 112100

Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.0	96.0
179	21.5	17.0	25.4
108	20.5	17.0	25.6



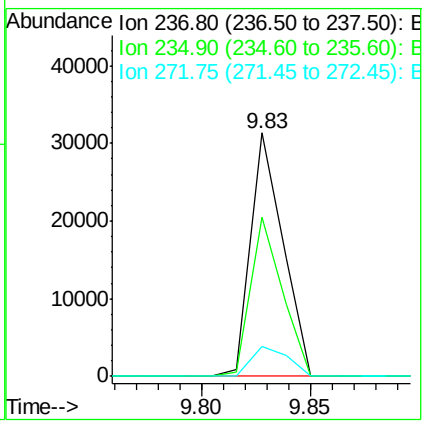


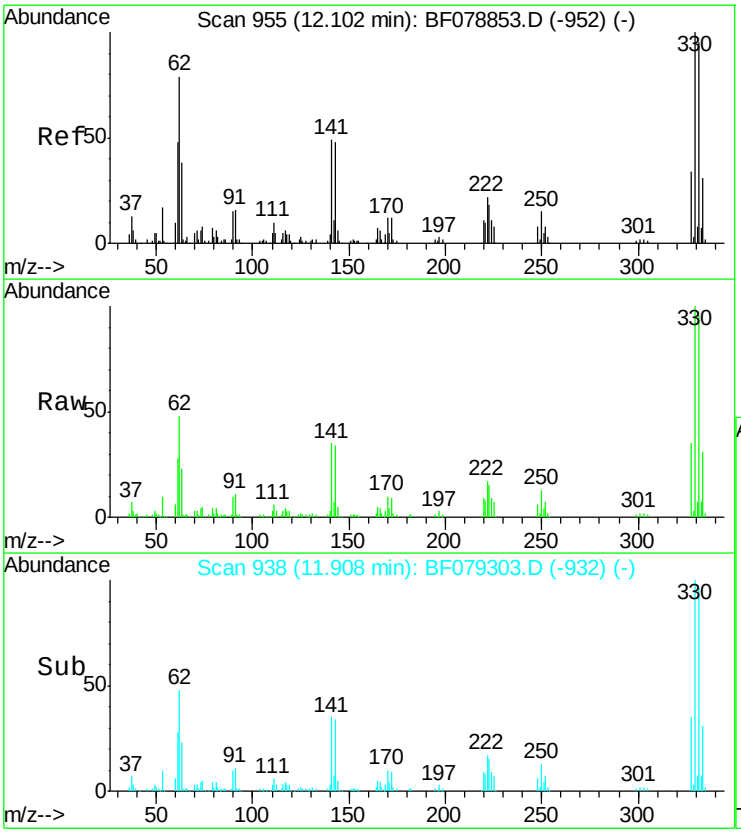
#40
Hexachlorocyclopentadiene
Concen: 18.82 ng
RT: 9.83 min Scan# 756
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:237 Resp: 32607

Ion	Ratio	Lower	Upper
237	100		
235	65.1	40.0	80.0
272	12.5	0.0	36.0

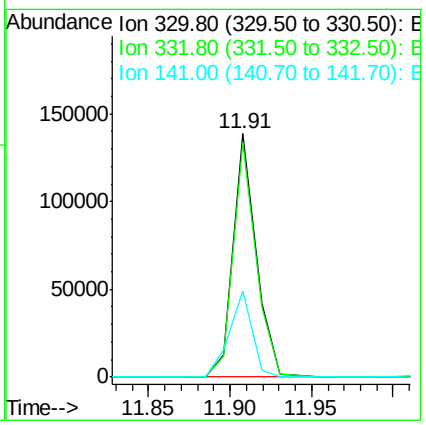


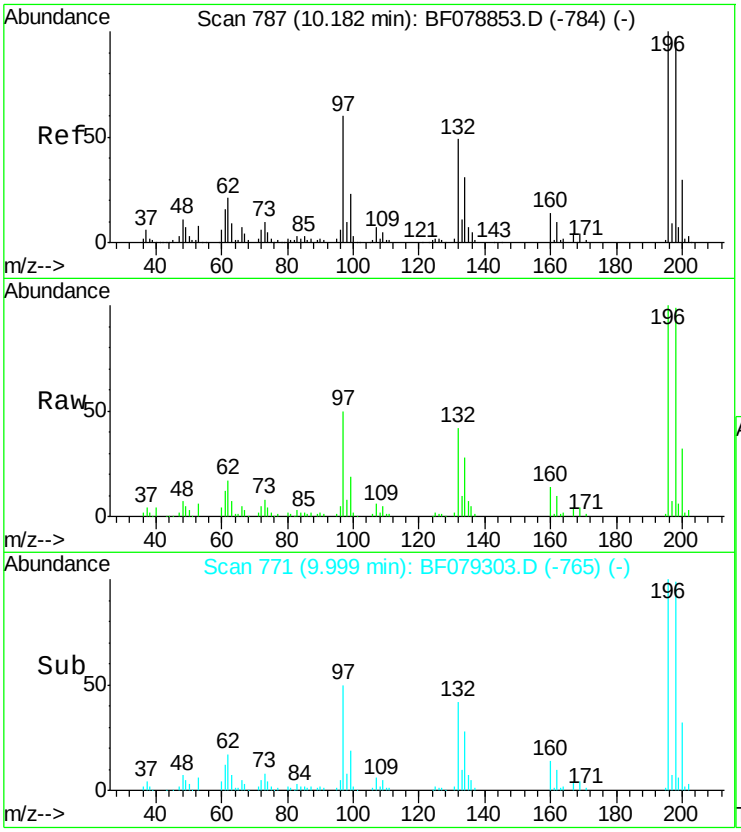


#41
2,4,6-Tribromophenol
Concen: 101.28 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:330 Resp: 134043

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	35.5	27.8	41.8



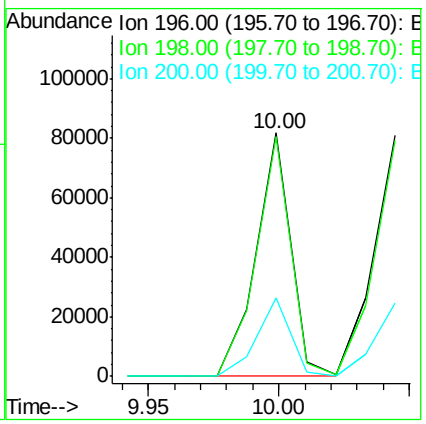


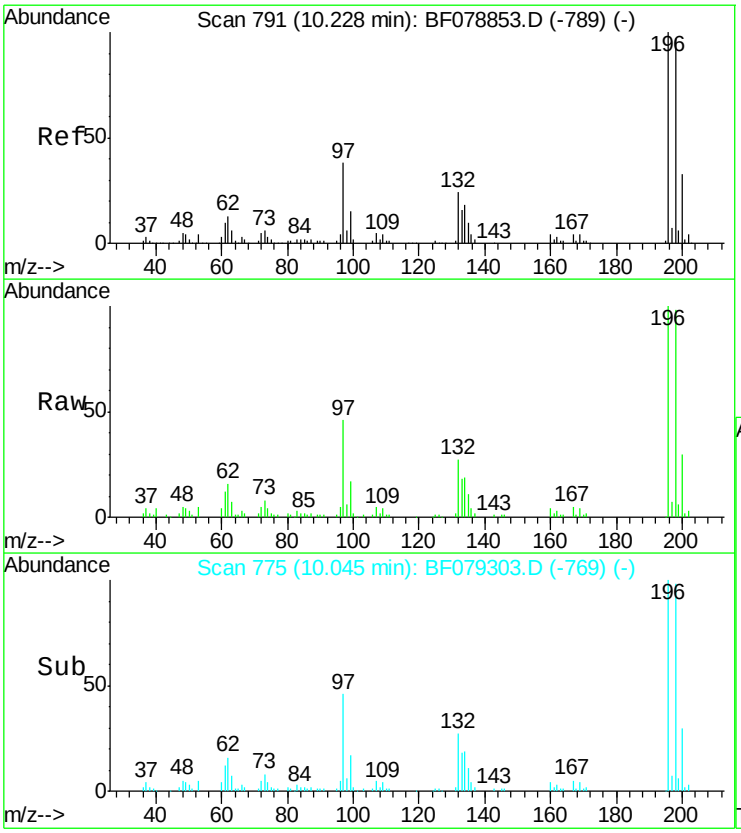
#42
2,4,6-Trichlorophenol
Concen: 31.77 ng
RT: 10.00 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:196 Resp: 75247

Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.4	116.2
200	32.1	23.7	35.5

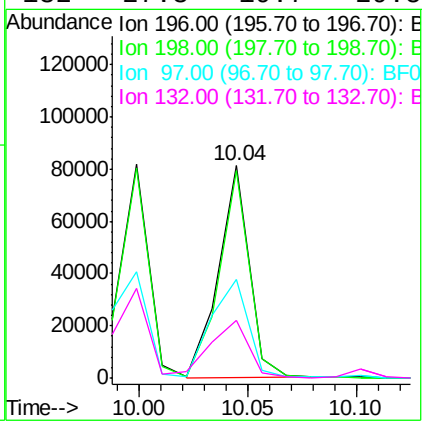


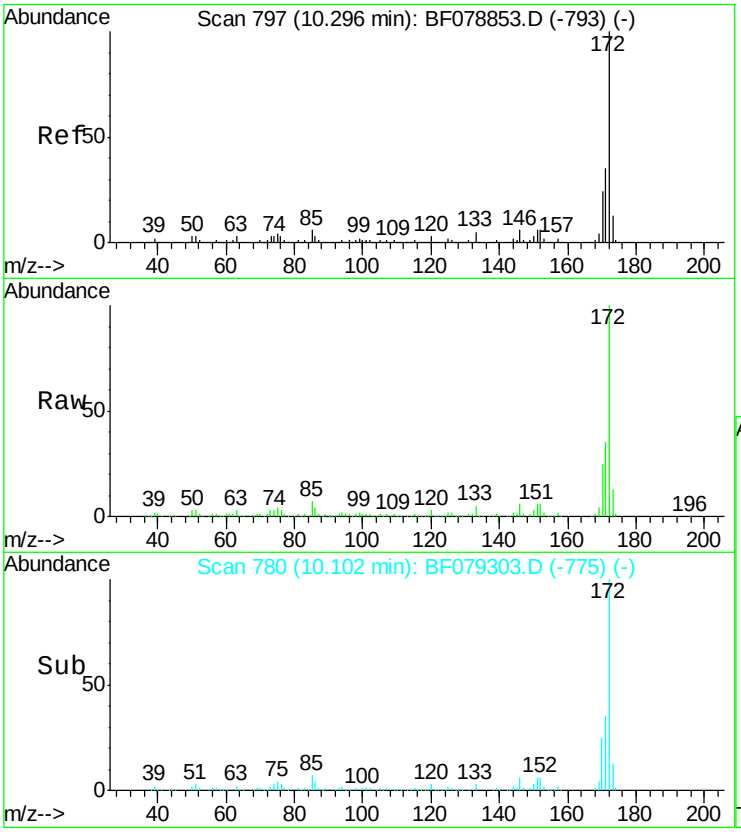


#43
2,4,5-Trichlorophenol
Concen: 33.06 ng
RT: 10.04 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:196 Resp: 79163

Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.3	115.9
97	46.3	31.3	46.9
132	27.3	19.7	29.5



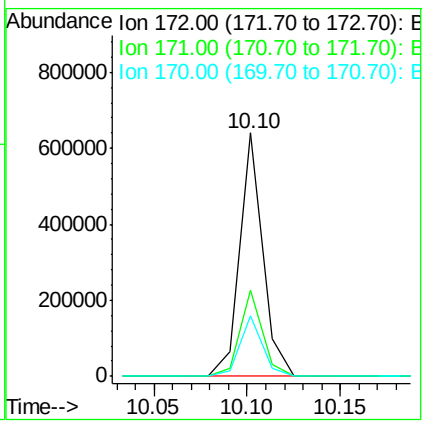


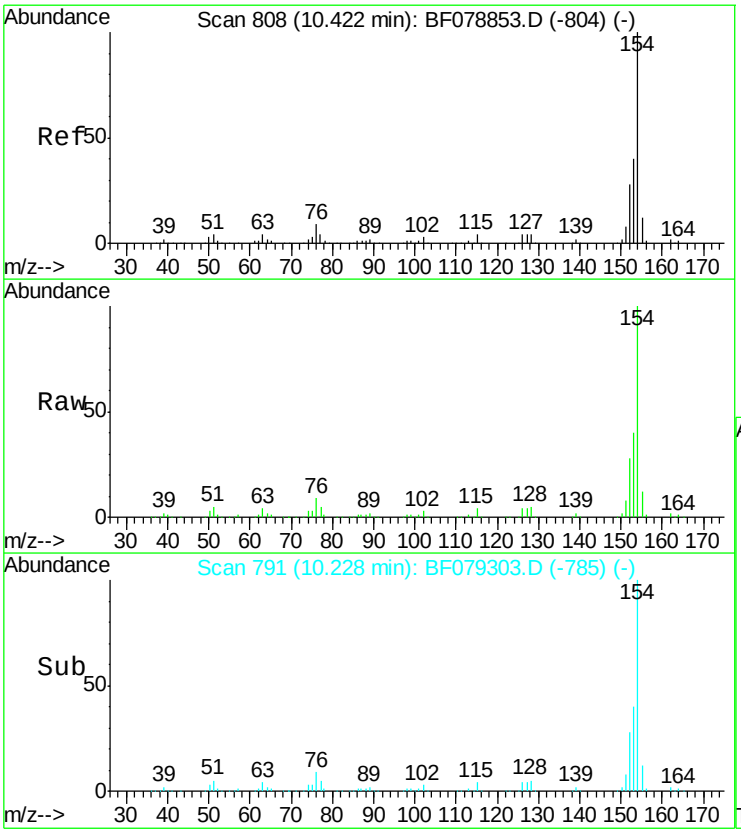
#44
2-Fluorobiphenyl
Concen: 62.84 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:172 Resp: 551781

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.7	19.4	29.2

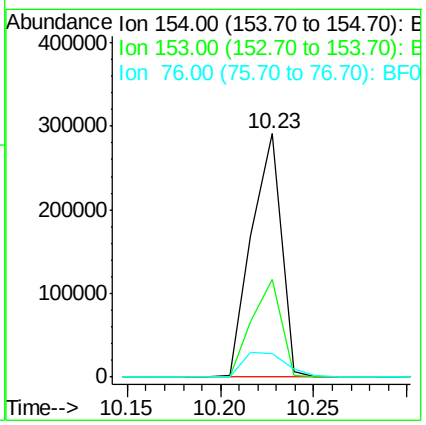


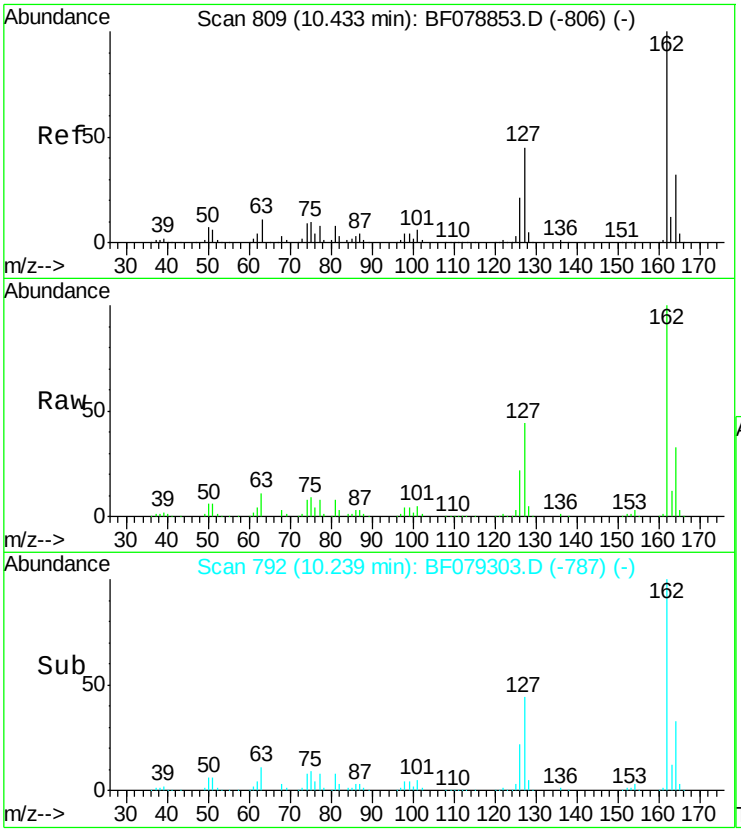


#45
1,1'-Biphenyl
Concen: 33.01 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:154 Resp: 321054

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.7	59.7
76	9.5	0.0	29.1



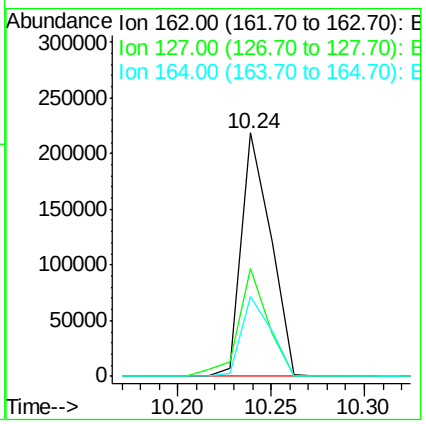


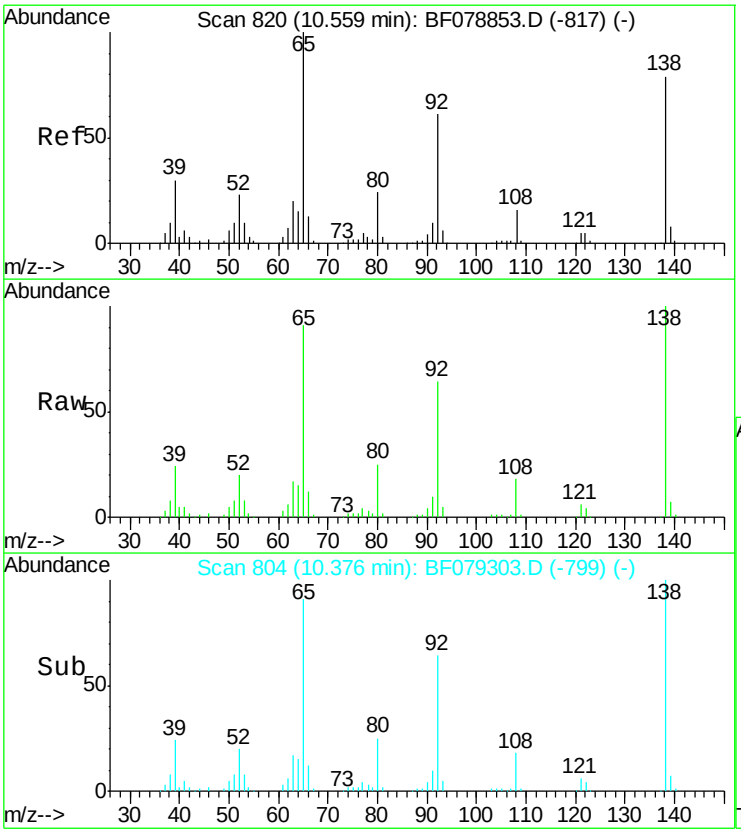
#46
2-Chloronaphthalene
Concen: 31.50 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:162 Resp: 238992

Ion	Ratio	Lower	Upper
162	100		
127	44.2	36.3	54.5
164	32.7	25.9	38.9

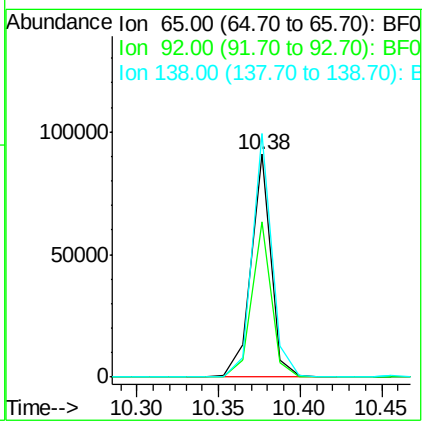


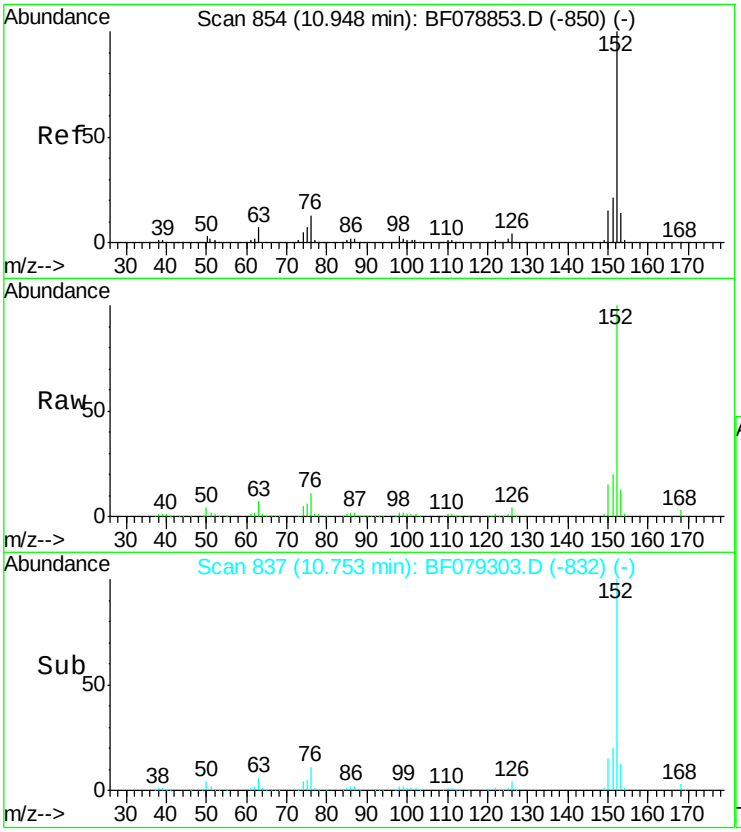


#47
2-Nitroaniline
Concen: 35.07 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 65 Resp: 77089

Ion	Ratio	Lower	Upper
65	100		
92	69.7	49.1	73.7
138	109.4	63.2	94.8#



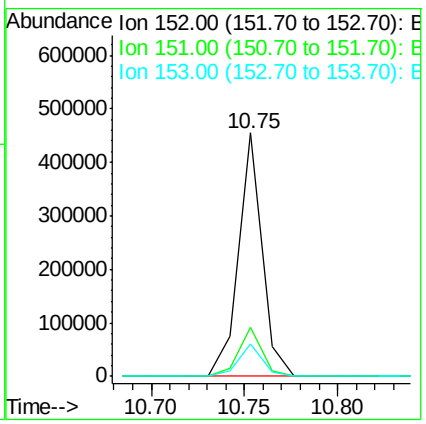


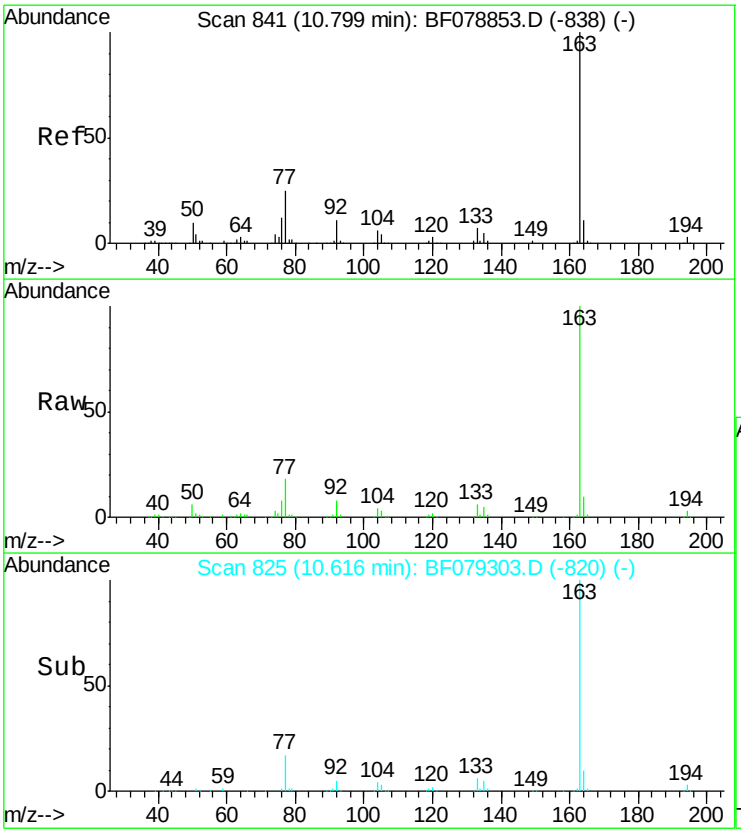
#48
Acenaphthylene
Concen: 32.31 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:152 Resp: 402432

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.4	11.0	16.6

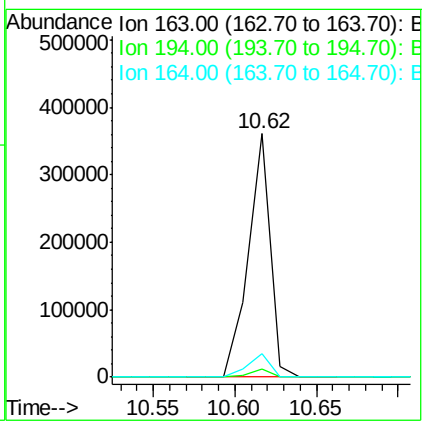


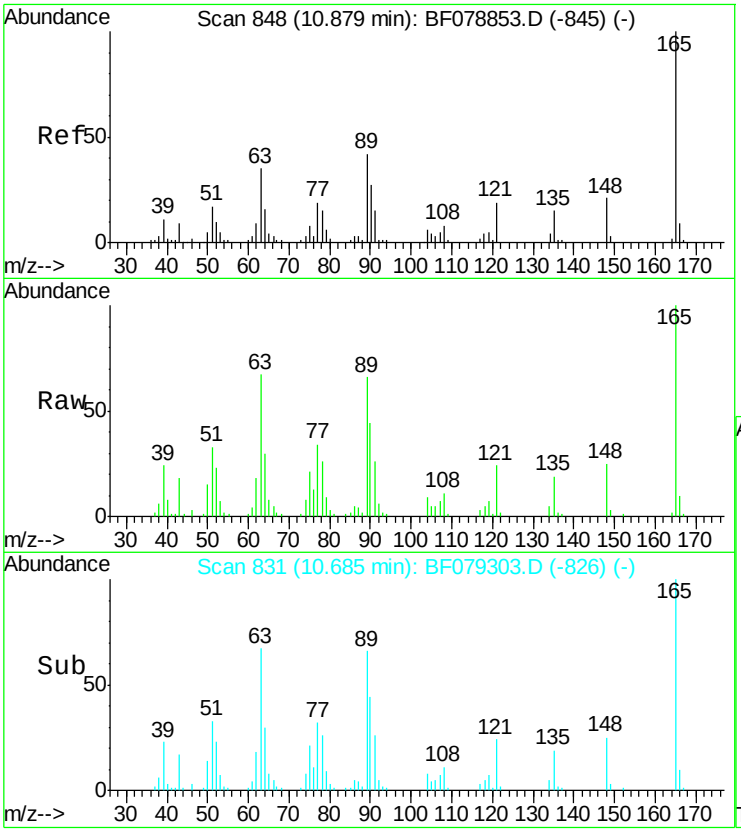


#49
Dimethylphthalate
Concen: 37.33 ng
RT: 10.62 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:163 Resp: 335147

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	9.8	8.6	12.8



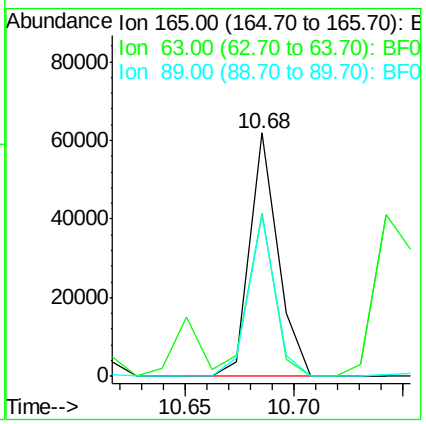


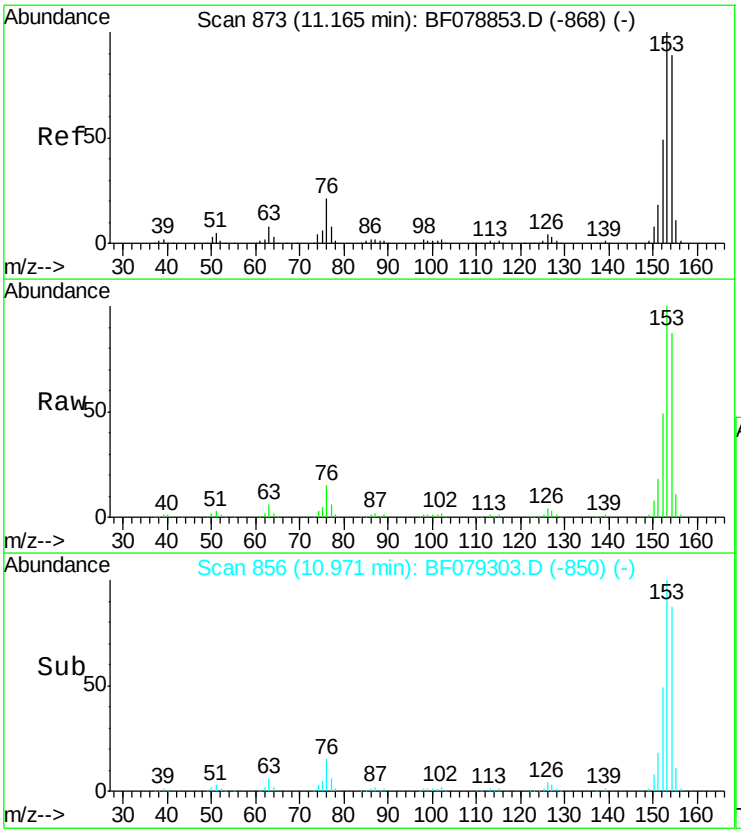
#50
2,6-Dinitrotoluene
Concen: 31.63 ng
RT: 10.68 min Scan# 831
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:165 Resp: 56046

Ion	Ratio	Lower	Upper
165	100		
63	66.9	29.2	43.8#
89	66.2	33.3	49.9#

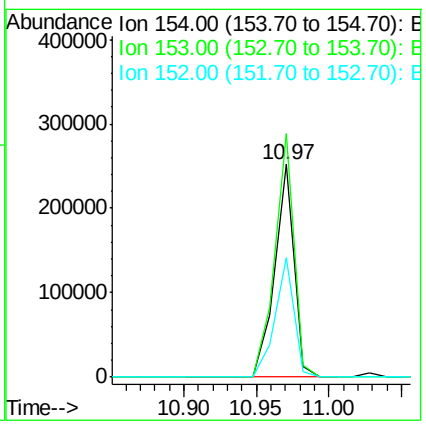


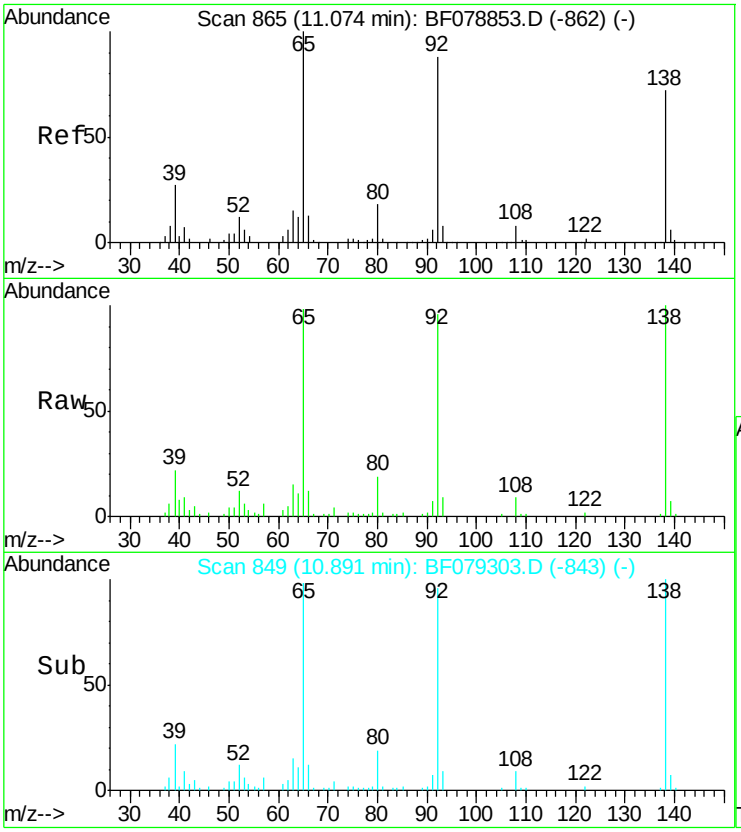


#51
Acenaphthene
Concen: 31.18 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:154 Resp: 231595

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.2	135.2
152	55.9	43.8	65.8



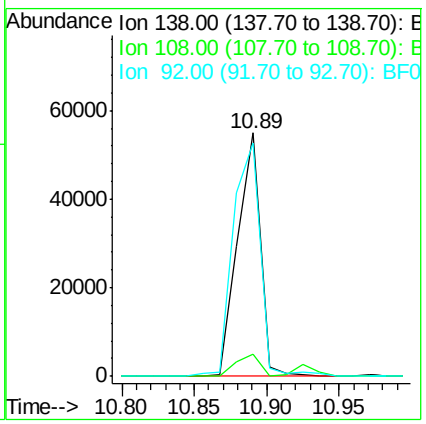


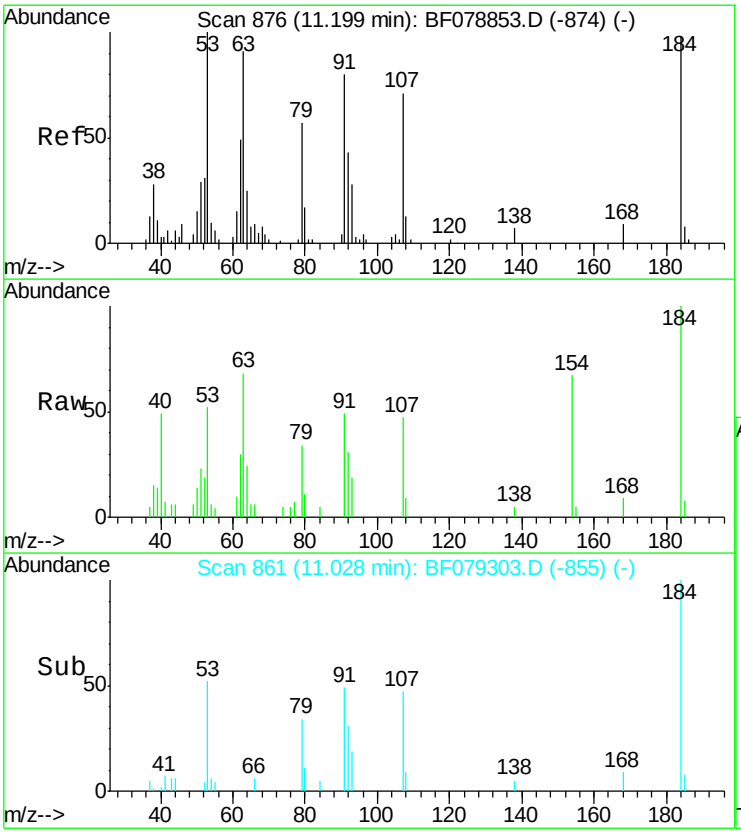
#52
3-Nitroaniline
Concen: 27.15 ng
RT: 10.89 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:138 Resp: 60097

Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.5	12.7
92	95.7	97.4	146.0#

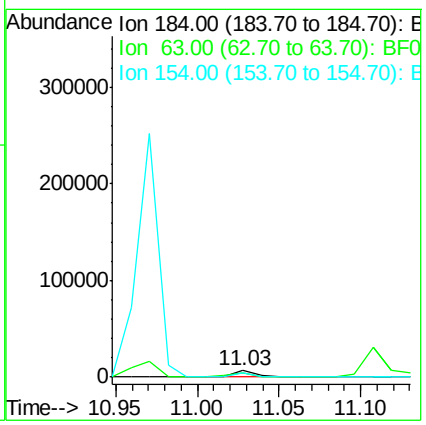


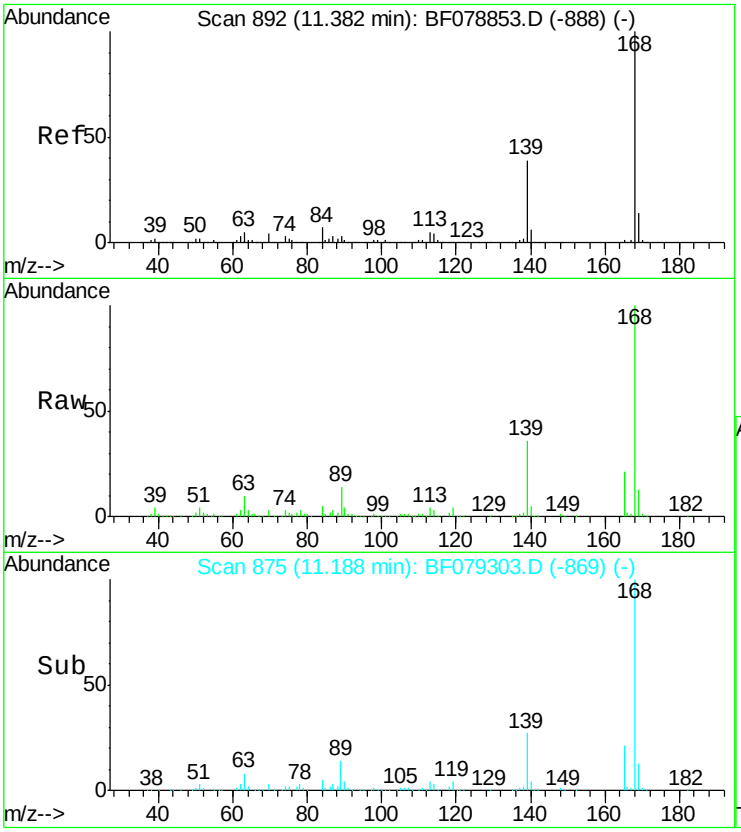


#53
2,4-Dinitrophenol
Concen: 18.72 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:184 Resp: 6671

Ion	Ratio	Lower	Upper
184	100		
63	67.7	98.8	148.2#
154	67.1	63.4	95.0



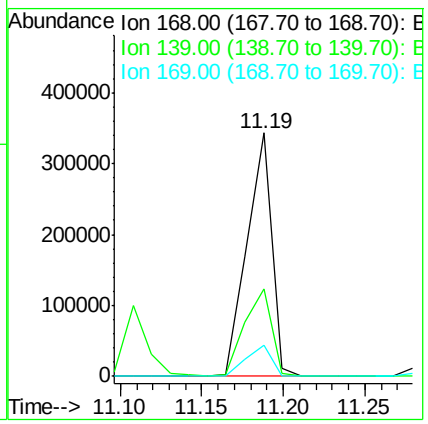


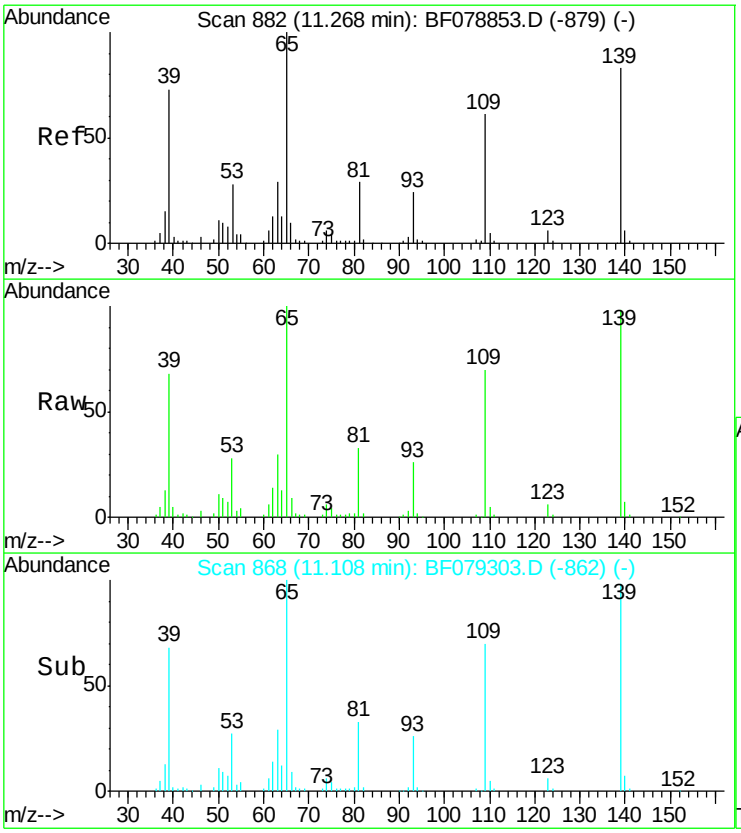
#54
Dibenzofuran
Concen: 33.65 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:168 Resp: 361019

Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.5	47.3
169	12.9	11.0	16.4

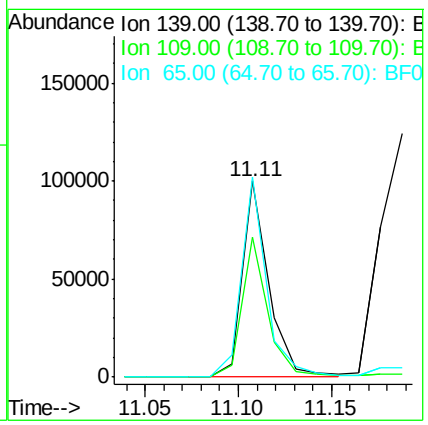


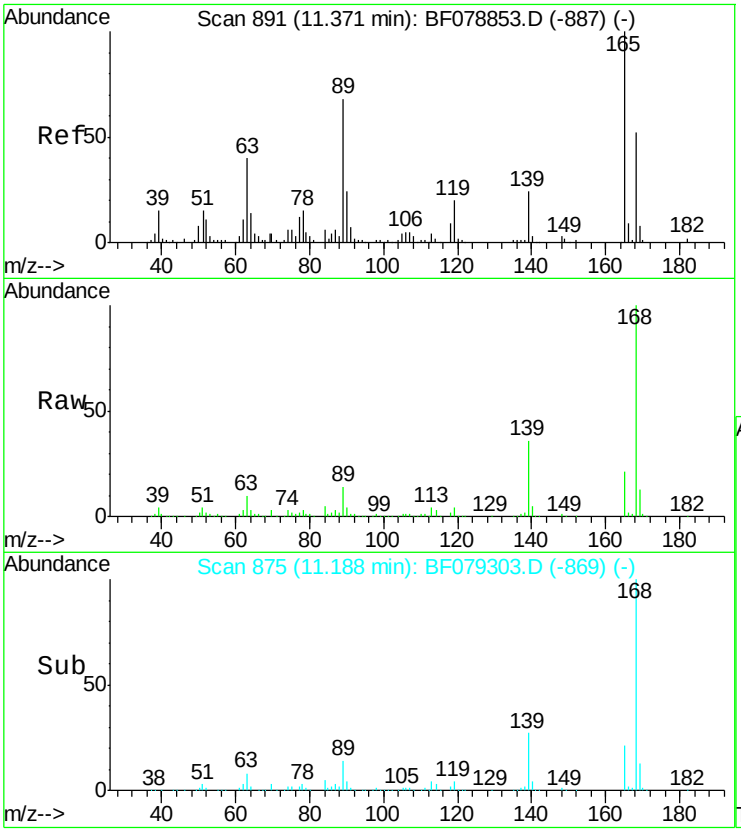


#55
4-Nitrophenol
Concen: 56.58 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:139 Resp: 99127

Ion	Ratio	Lower	Upper
139	100		
109	71.6	54.4	94.4
65	102.0	101.0	141.0



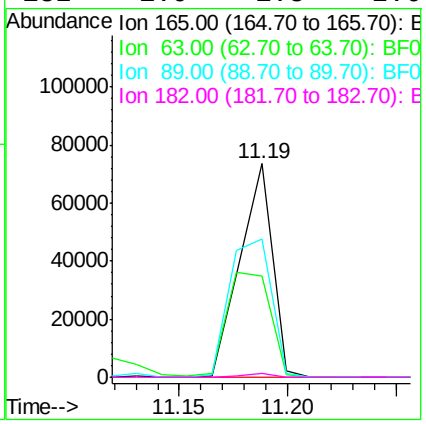


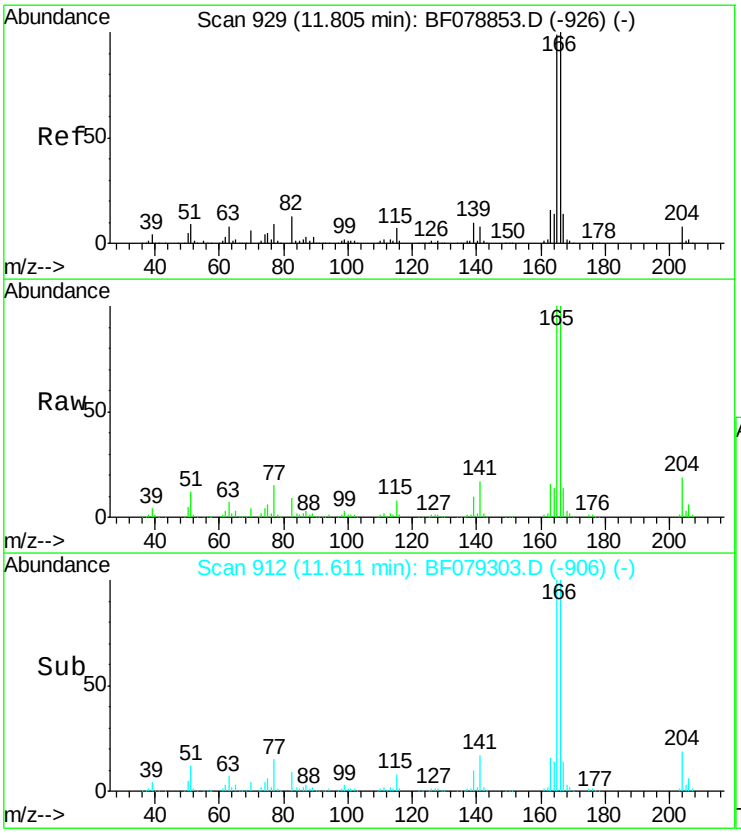
#56
2,4-Dinitrotoluene
Concen: 32.67 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:165 Resp: 76523

Ion	Ratio	Lower	Upper
165	100		
63	47.2	32.3	48.5
89	65.0	54.6	81.8
182	1.9	1.8	2.6

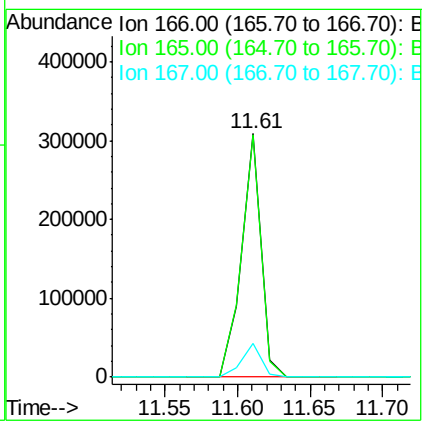


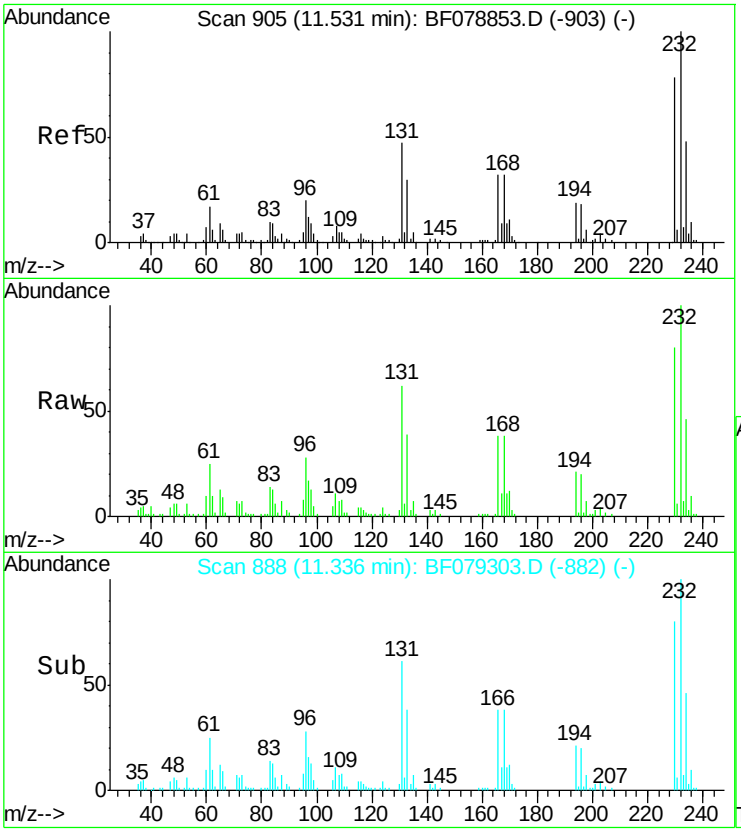


#57
Fluorene
Concen: 32.89 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:166 Resp: 289615

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.5	119.3
167	13.6	11.0	16.6



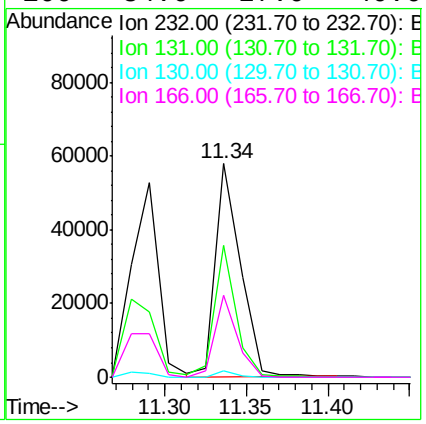


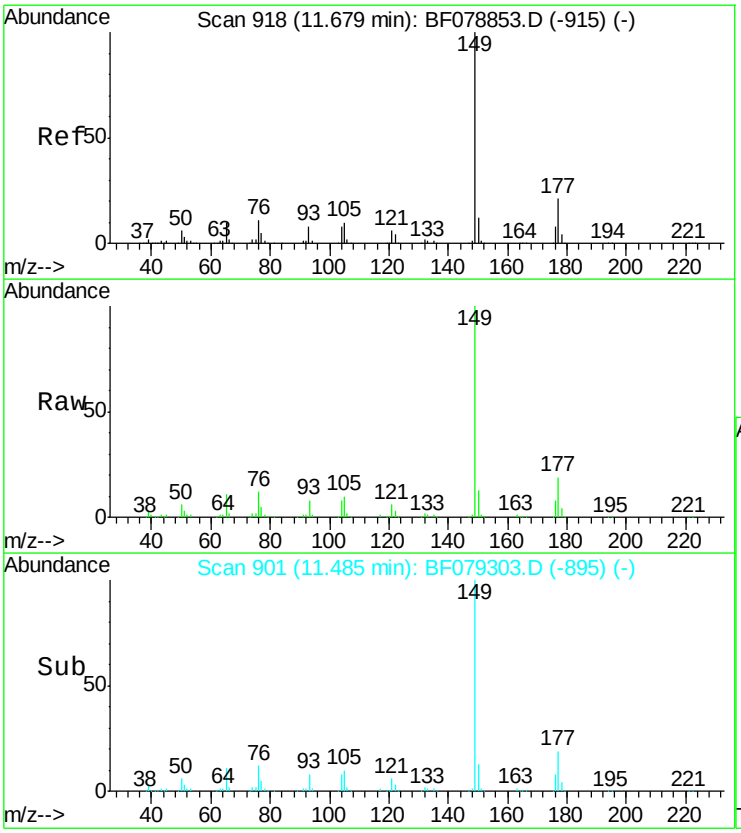
#58
2,3,4,6-Tetrachlorophenol
Concen: 31.48 ng
RT: 11.34 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:232 Resp: 61607

Ion	Ratio	Lower	Upper
232	100		
131	53.7	41.9	62.9
130	2.6	1.9	2.9
166	34.6	27.0	40.6

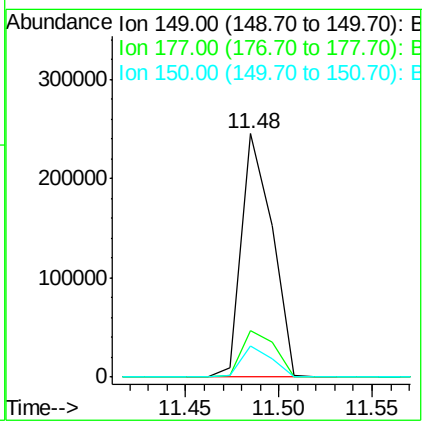


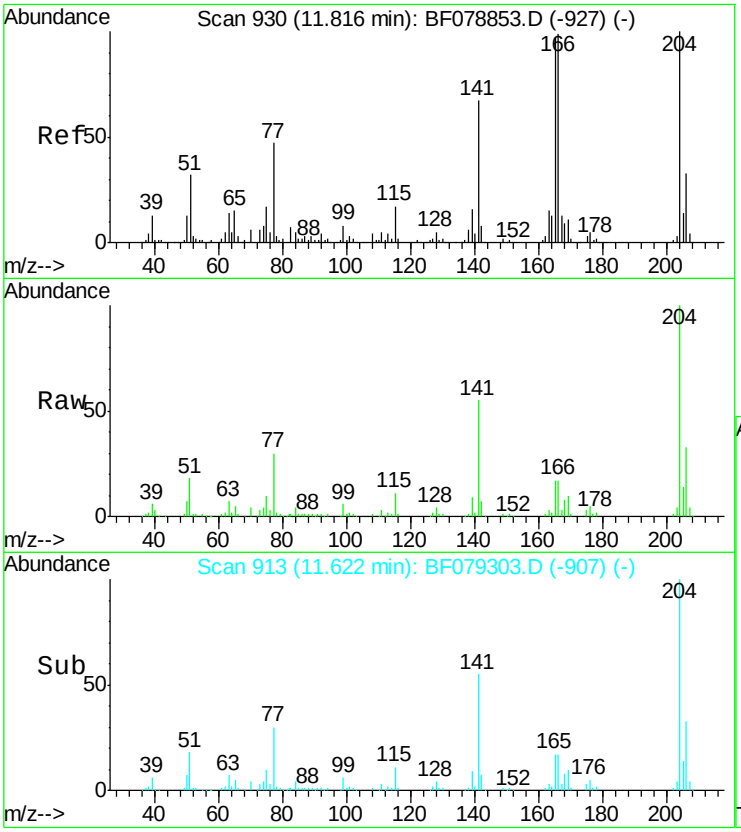


#59
Diethylphthalate
Concen: 31.44 ng
RT: 11.48 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:149 Resp: 279693

Ion	Ratio	Lower	Upper
149	100		
177	19.3	16.4	24.6
150	12.9	9.8	14.6



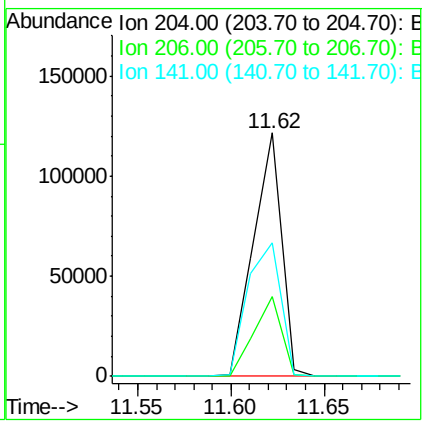


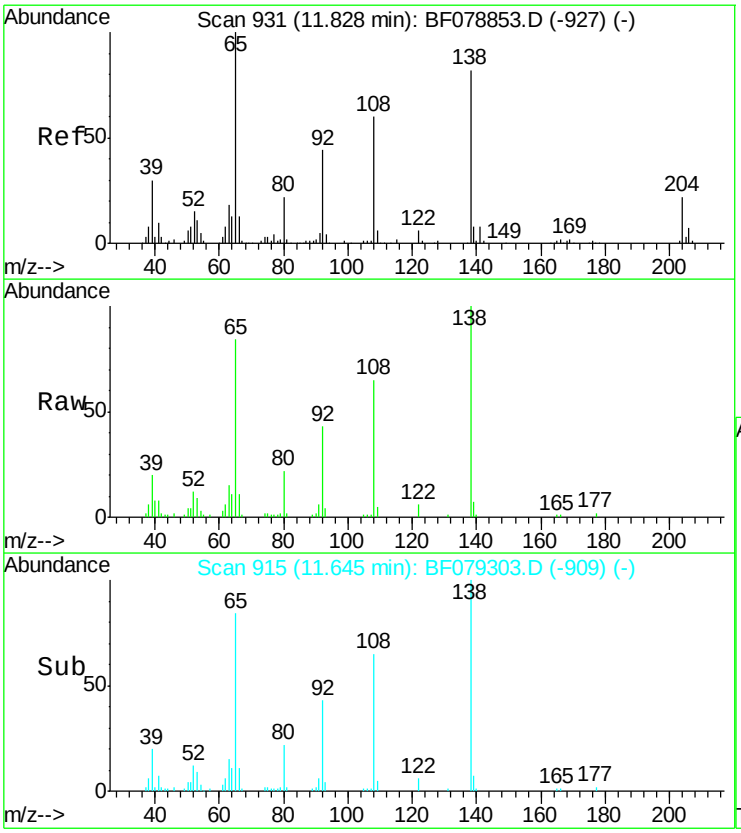
#60
4-Chlorophenyl-phenylether
Concen: 32.46 ng
RT: 11.62 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:204 Resp: 126817

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.4
141	54.8	53.6	80.4

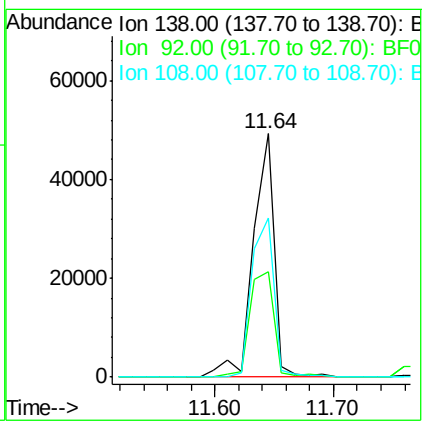


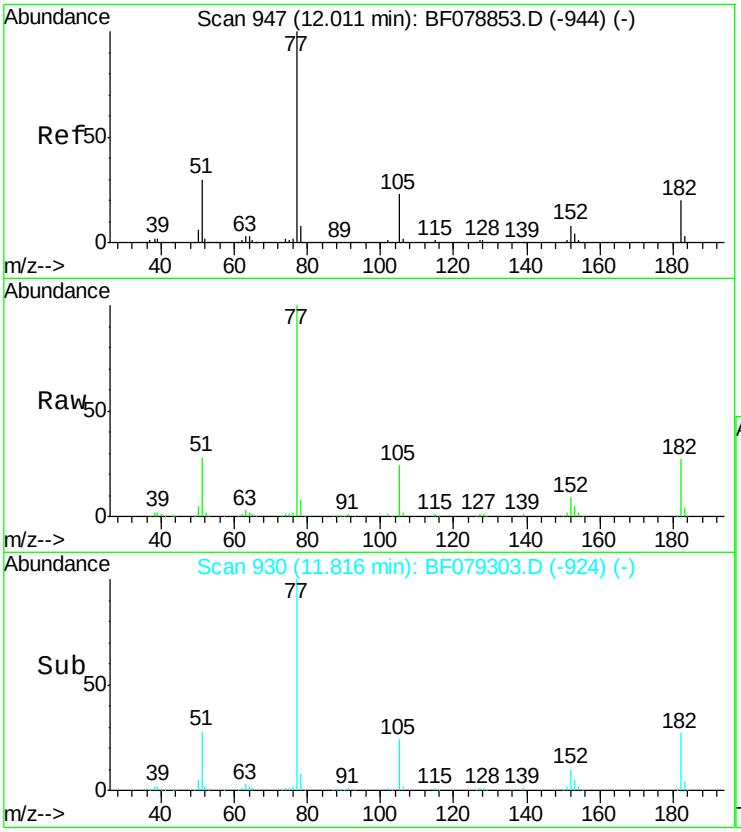


#61
4-Nitroaniline
Concen: 27.64 ng
RT: 11.64 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:138 Resp: 61194

Ion	Ratio	Lower	Upper
138	100		
92	43.5	33.7	73.7
108	65.1	53.4	93.4



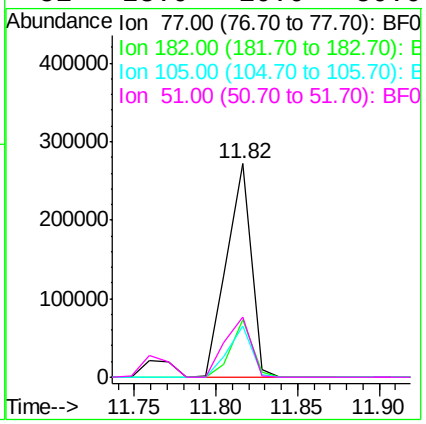


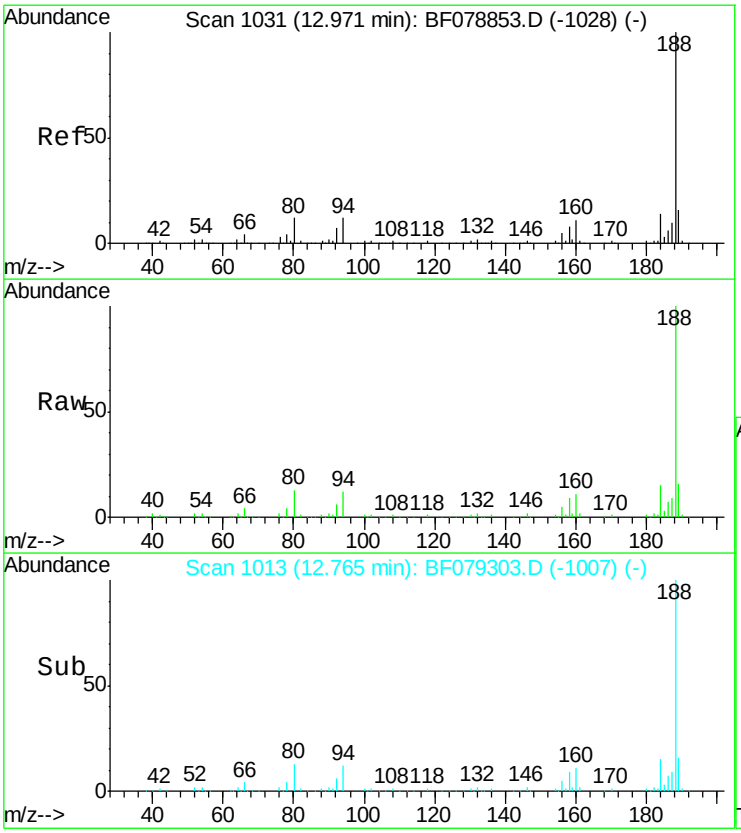
#62
Azobenzene
Concen: 32.38 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion: 77 Resp: 283824

Ion	Ratio	Lower	Upper
77	100		
182	26.8	0.0	40.0
105	24.1	2.9	42.9
51	28.0	10.0	50.0

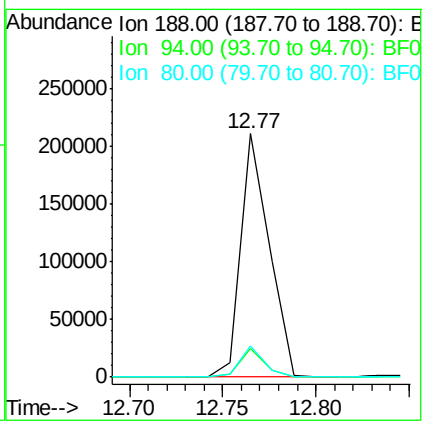


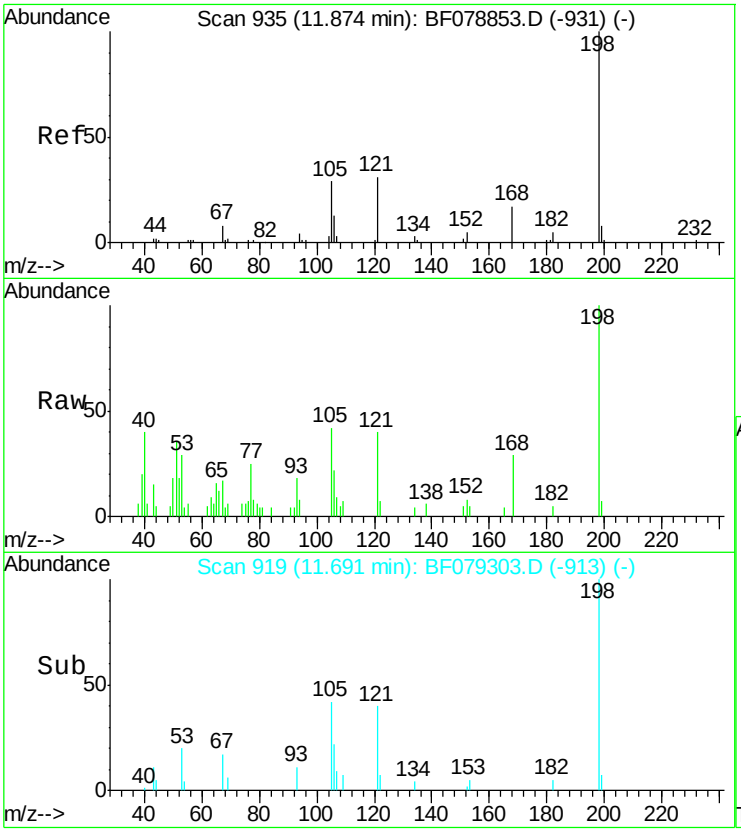


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:188 Resp: 223335

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.0
80	12.6	9.8	14.6



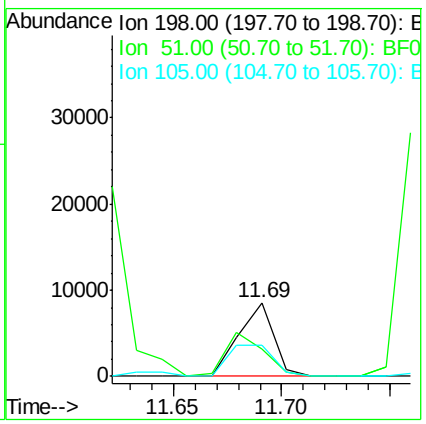


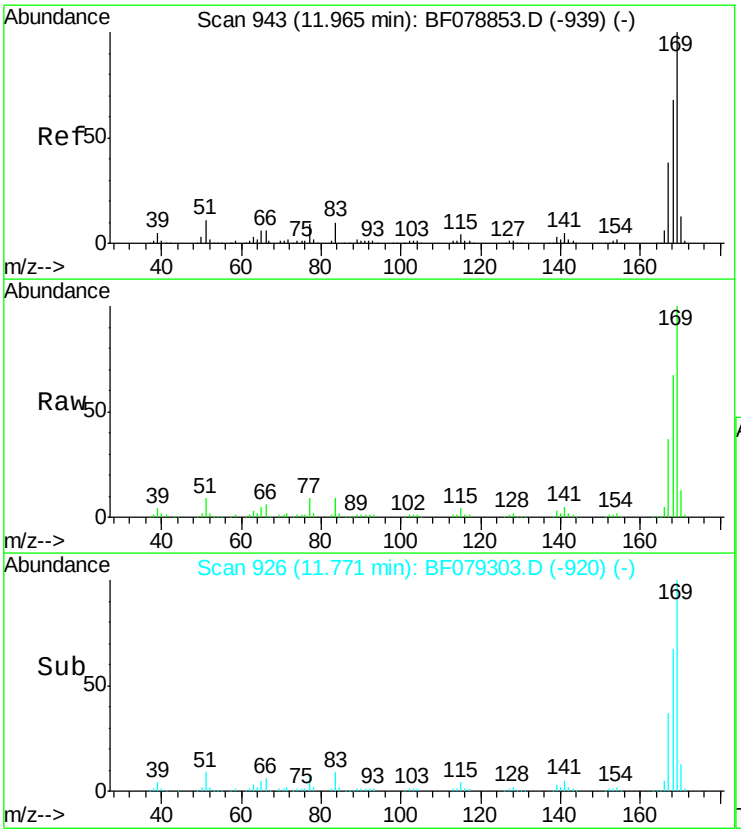
#64
4,6-Dinitro-2-methylphenol
Concen: 14.60 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:198 Resp: 9532

Ion	Ratio	Lower	Upper
198	100		
51	36.3	7.0	47.0
105	41.9	13.7	53.7

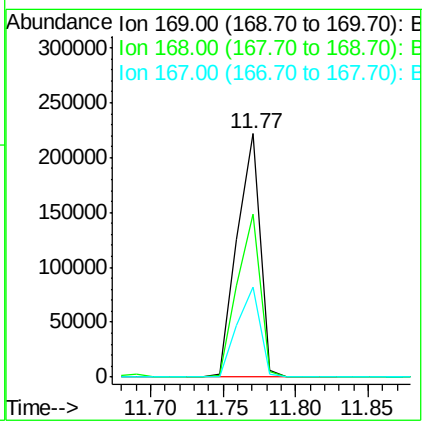


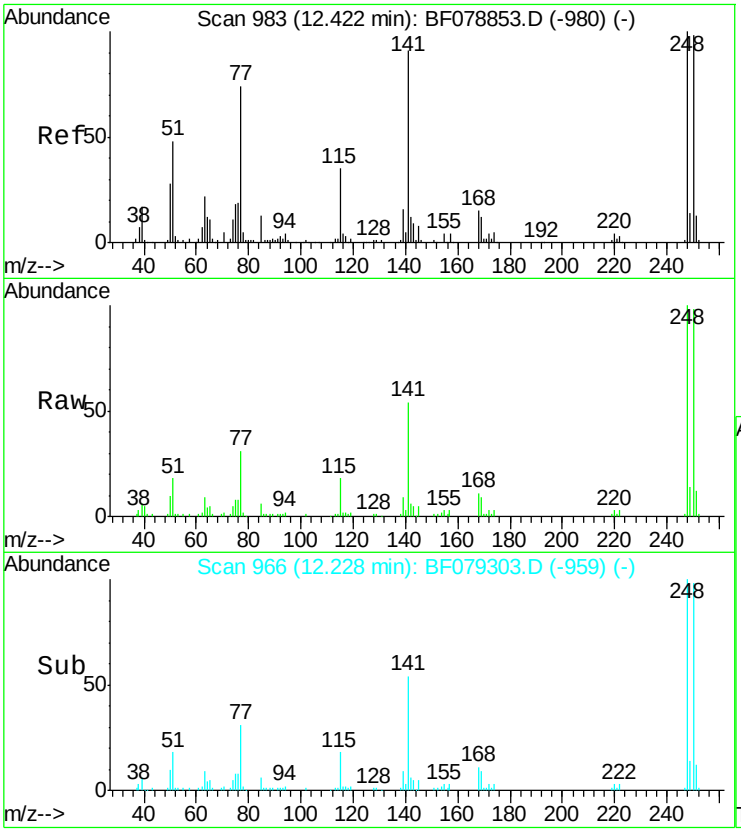


#65
n-Nitrosodiphenylamine
Concen: 32.85 ng
RT: 11.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:169 Resp: 244301

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	37.1	30.1	45.1



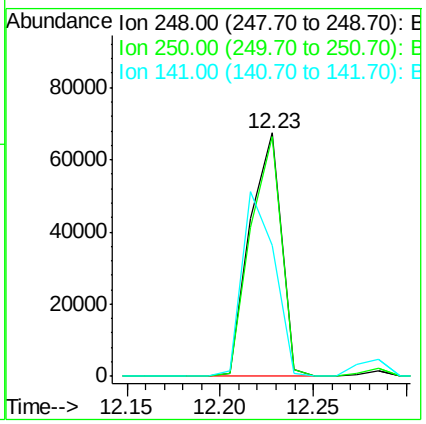


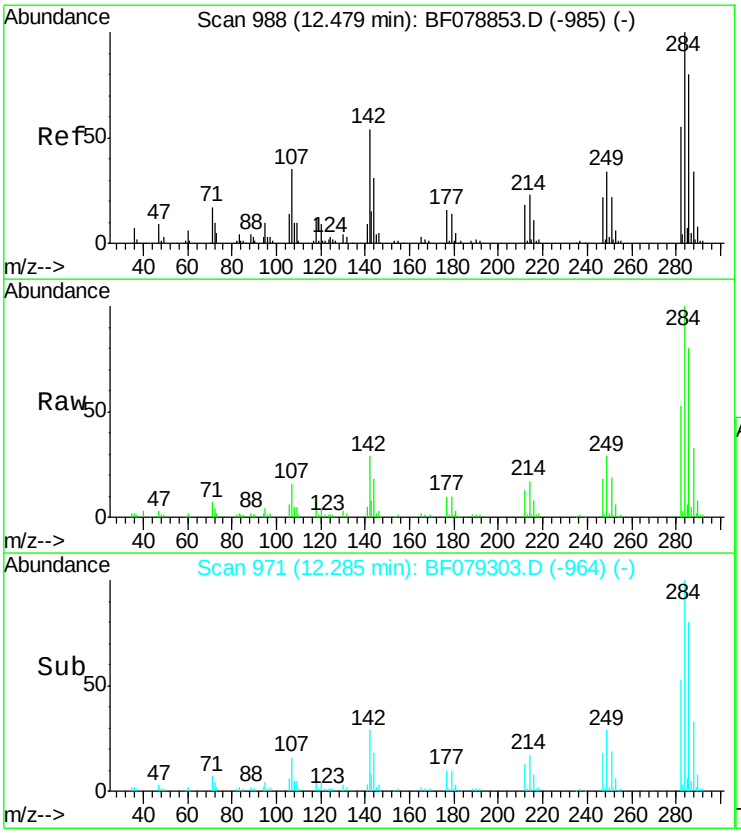
#66
4-Bromophenyl-phenylether
Concen: 33.44 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:248 Resp: 77849

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	53.9	72.6	109.0#

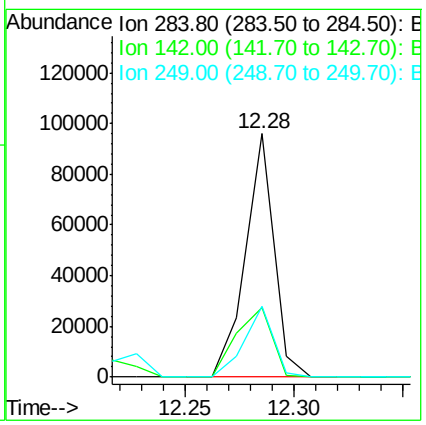


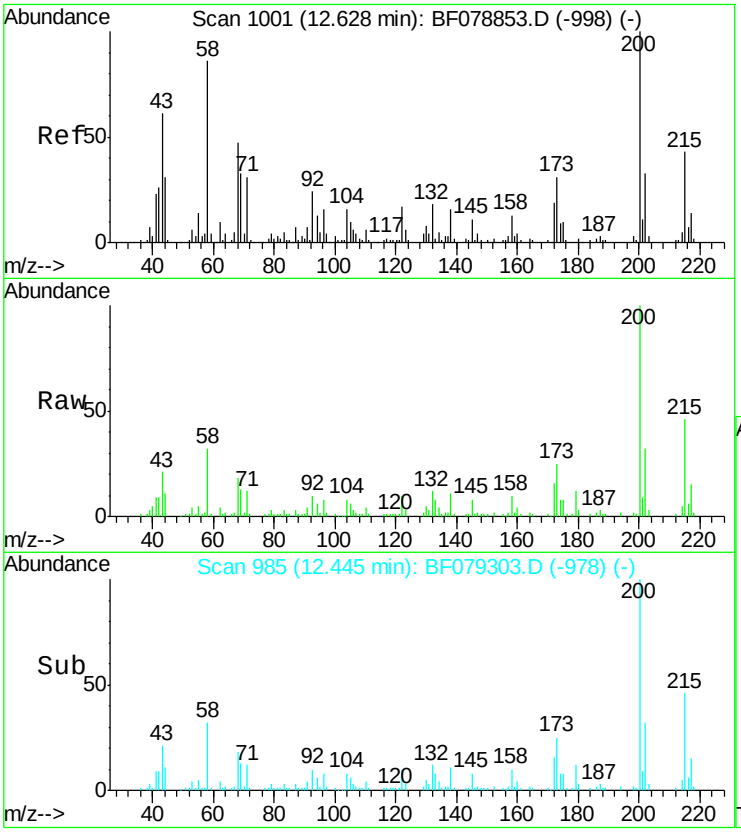


#67
Hexachlorobenzene
Concen: 32.82 ng
RT: 12.28 min Scan# 971
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:284 Resp: 87337

Ion	Ratio	Lower	Upper
284	100		
142	28.7	43.2	64.8#
249	29.3	27.5	41.3



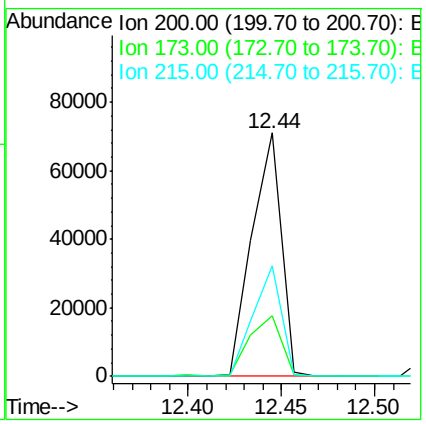


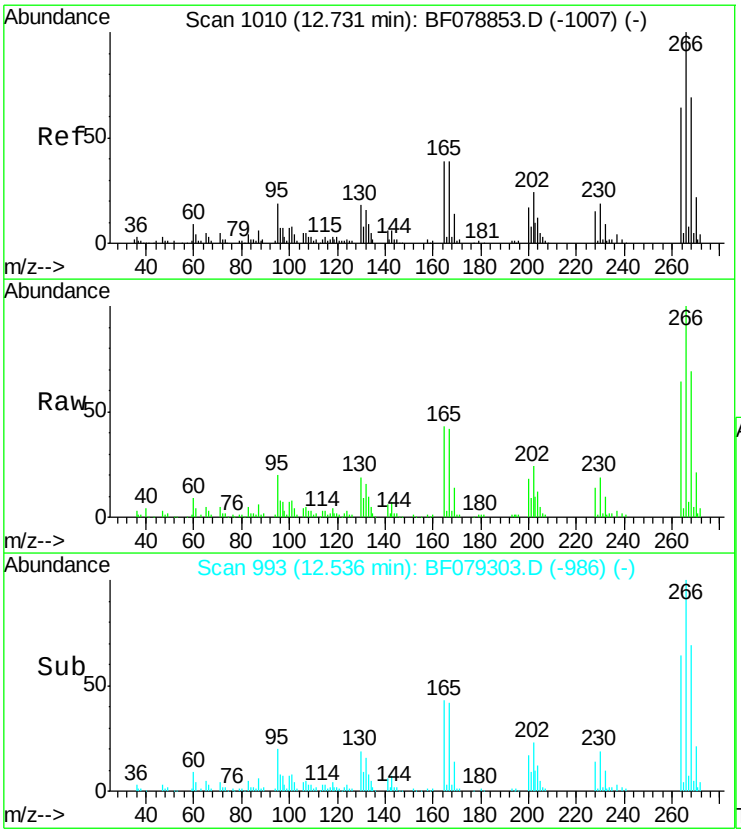
#68
Atrazine
Concen: 35.81 ng
RT: 12.44 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:200 Resp: 77455

Ion	Ratio	Lower	Upper
200	100		
173	25.1	10.9	50.9
215	45.5	23.2	63.2

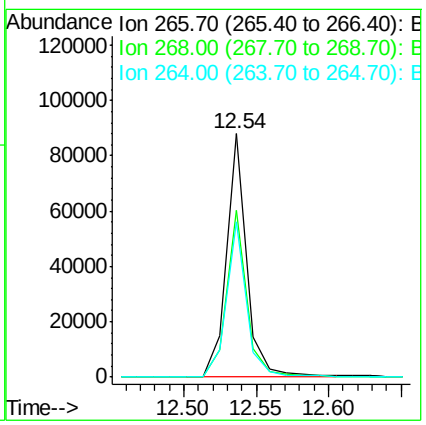


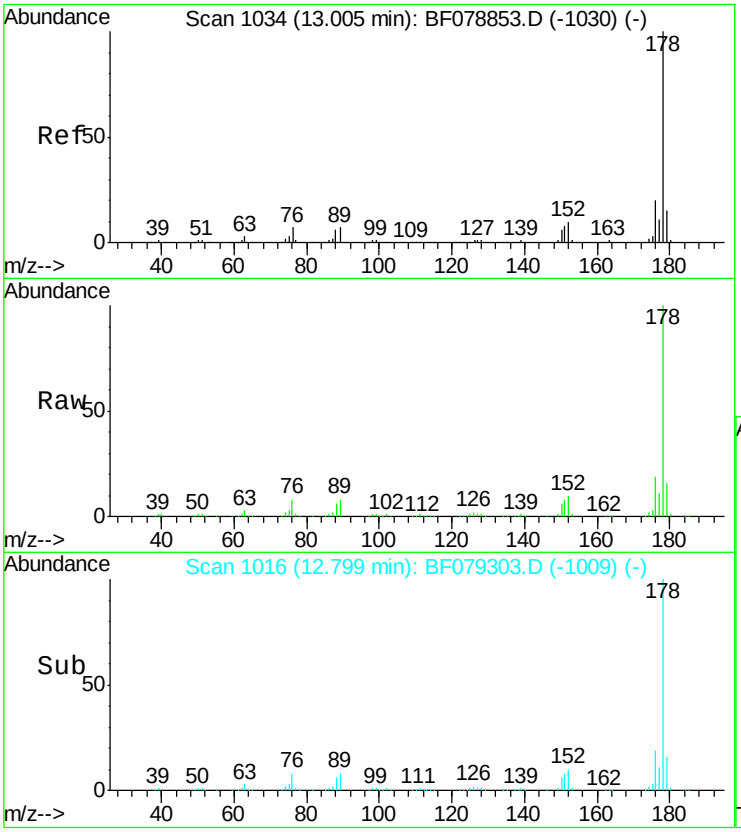


#69
Pentachlorophenol
Concen: 56.86 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:266 Resp: 85147

Ion	Ratio	Lower	Upper
266	100		
268	68.6	55.0	82.6
264	63.9	50.9	76.3



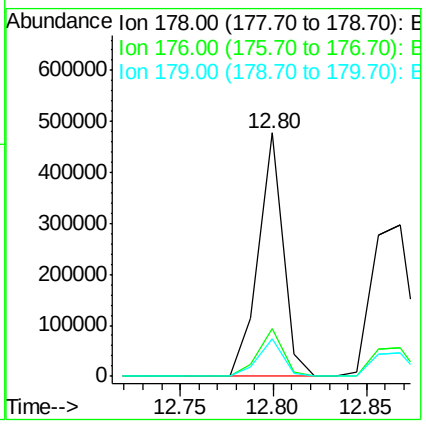


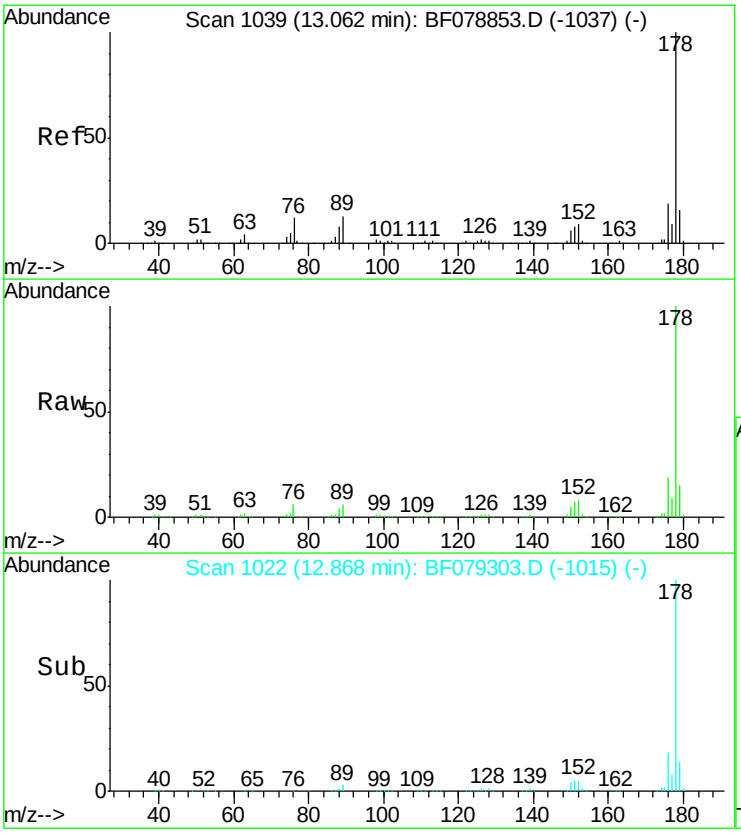
#70
Phenanthrene
Concen: 34.97 ng
RT: 12.80 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:178 Resp: 436935

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.2	18.4

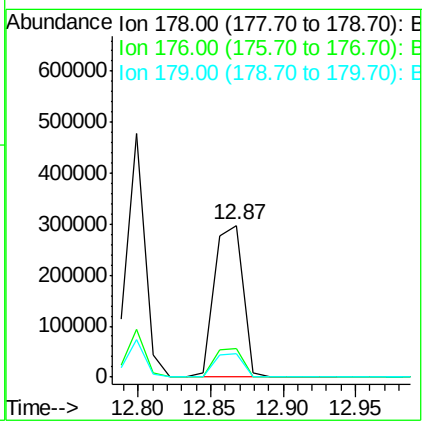


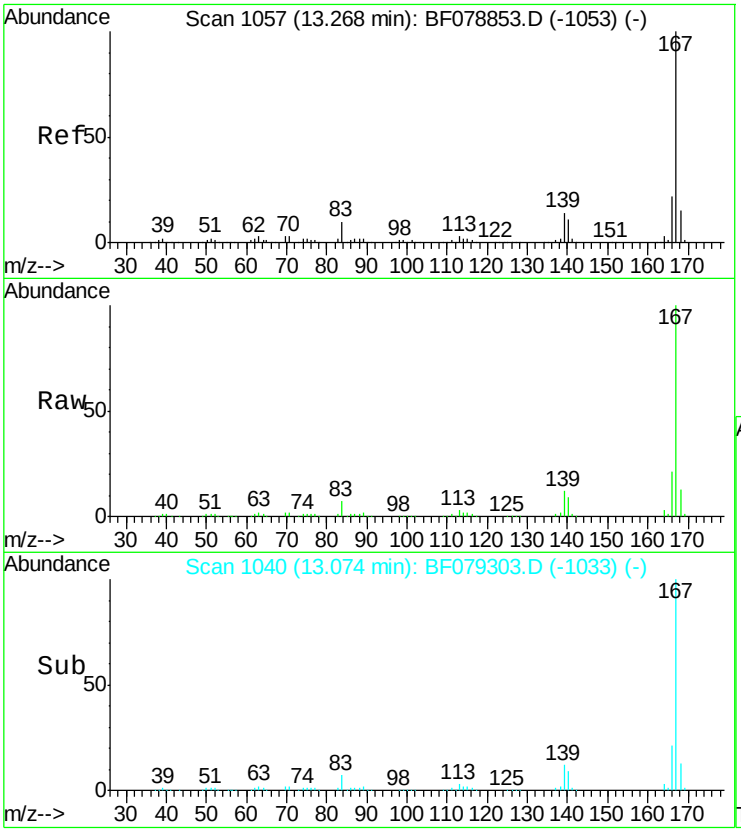


#71
Anthracene
Concen: 33.42 ng
RT: 12.87 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:178 Resp: 409697

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.0	12.6	19.0



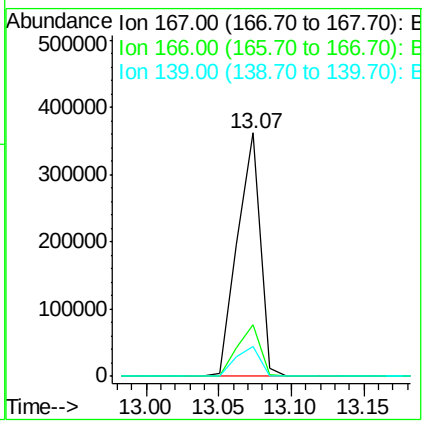


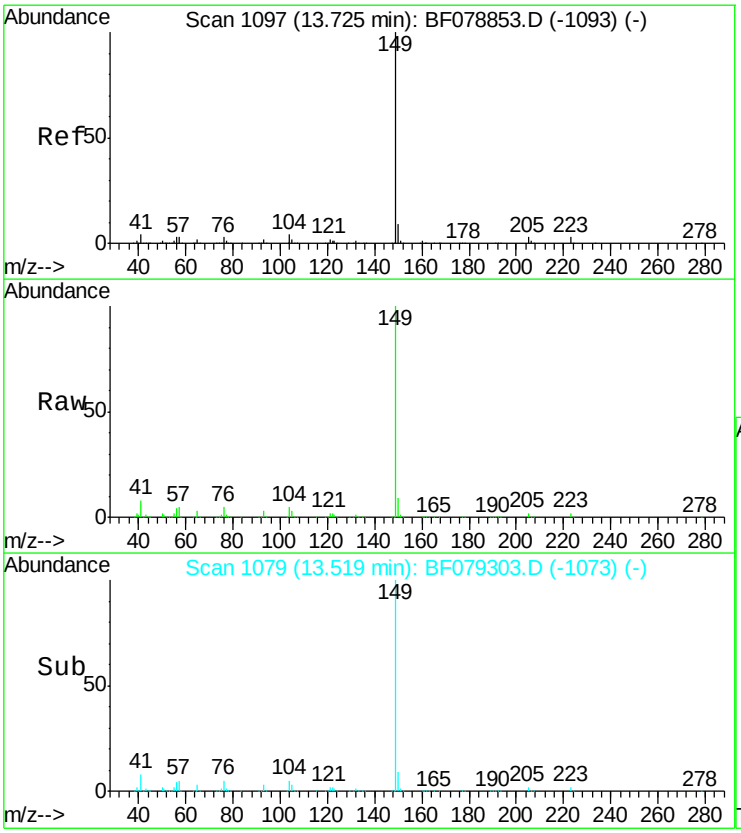
#72
Carbazole
Concen: 34.00 ng
RT: 13.07 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:167 Resp: 397168

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	12.4	11.0	16.4

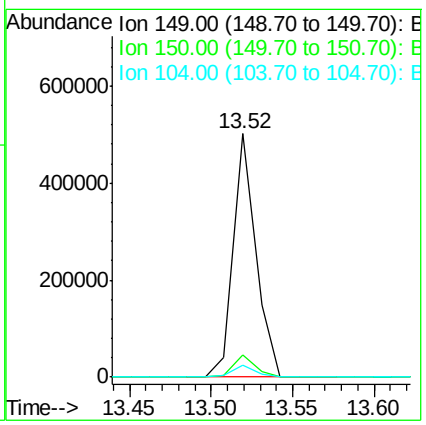


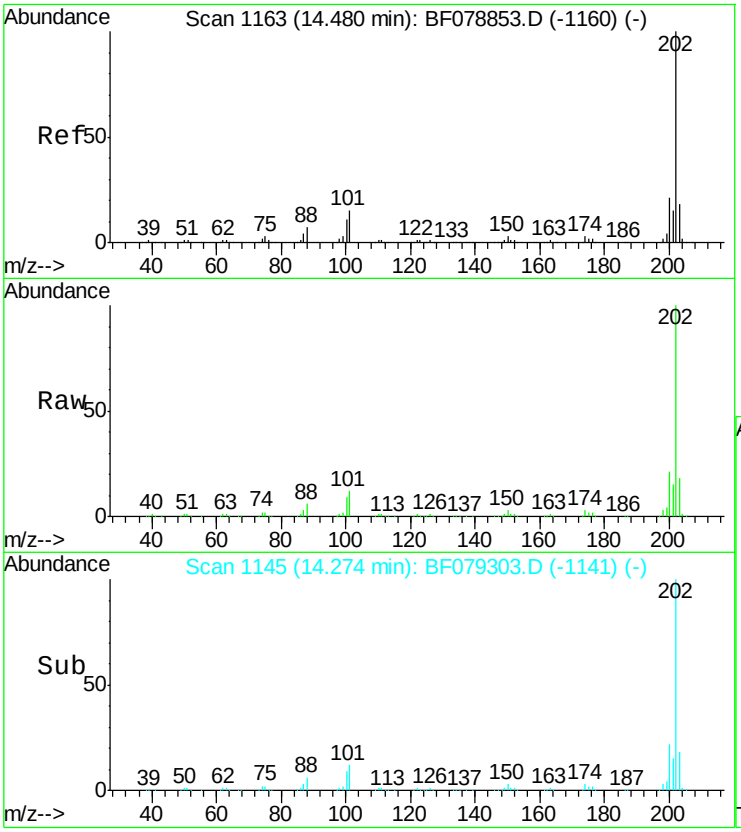


#73
Di-n-butylphthalate
Concen: 33.85 ng
RT: 13.52 min Scan# 1079
Delta R.T. -0.07 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:149 Resp: 474207

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.4
104	4.7	3.3	4.9



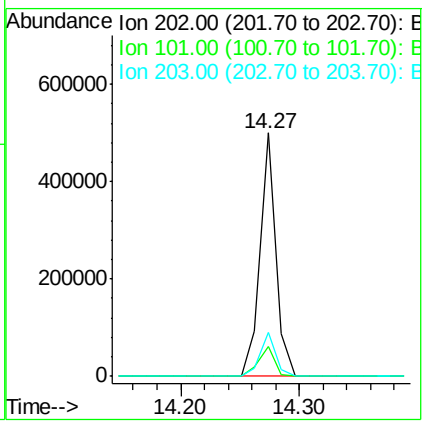


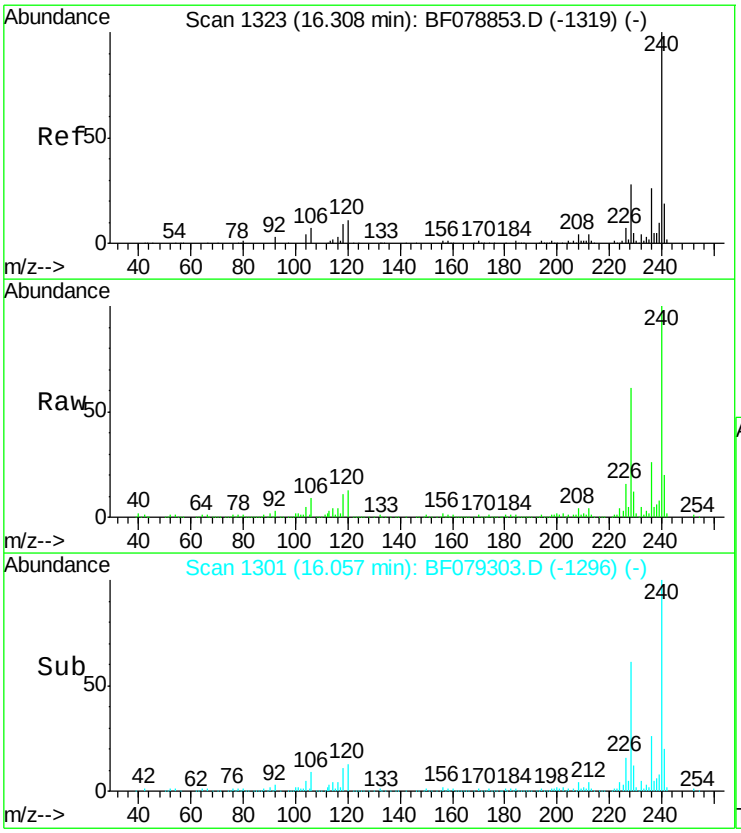
#74
Fluoranthene
Concen: 36.16 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:202 Resp: 470730

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.7
203	17.8	0.0	37.9

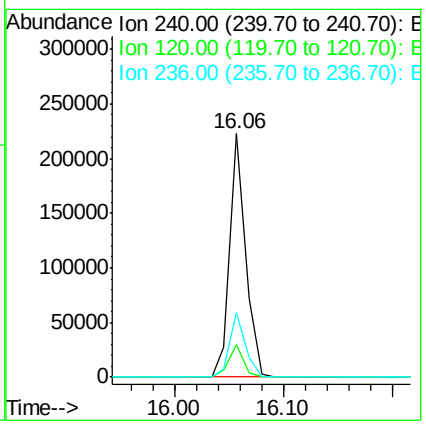


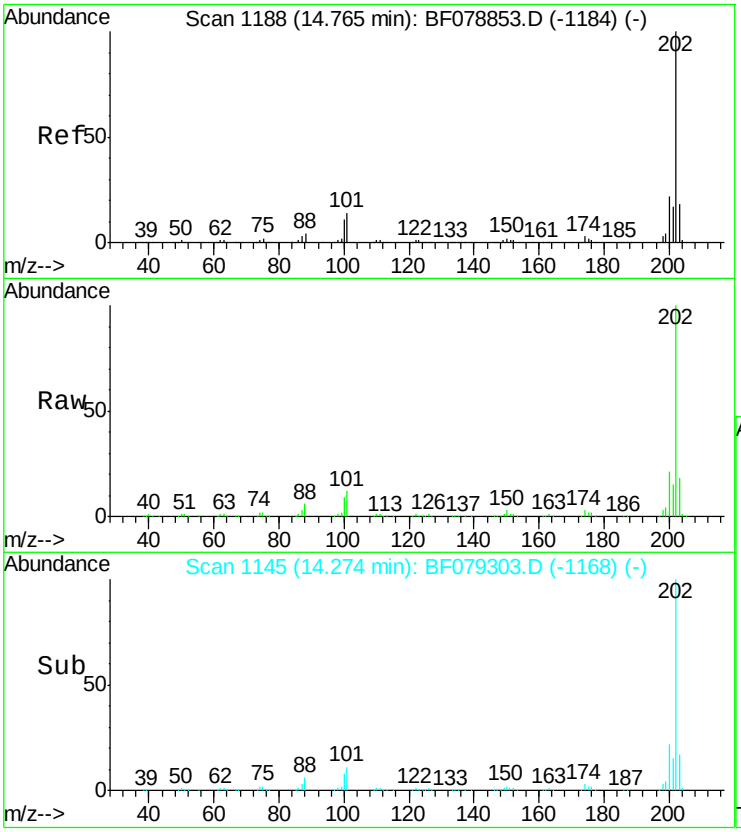


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.45 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:240 Resp: 225016

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.6	12.8#
236	26.3	21.0	31.6



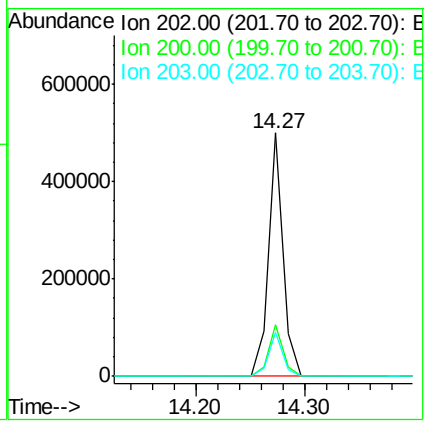


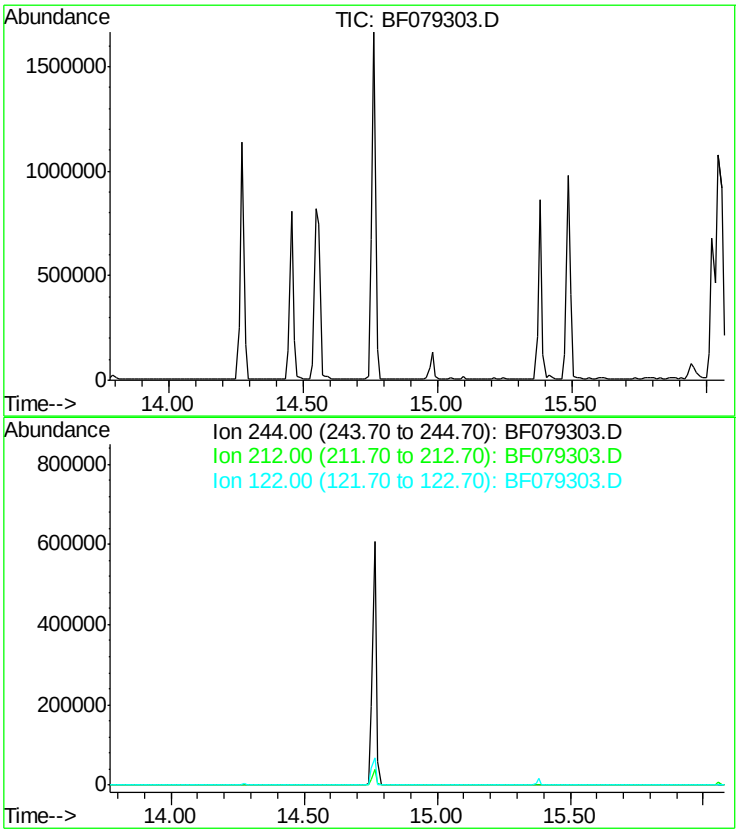
#77
Pyrene
Concen: 36.30 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.41 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:202 Resp: 470745

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.8	14.7	22.1



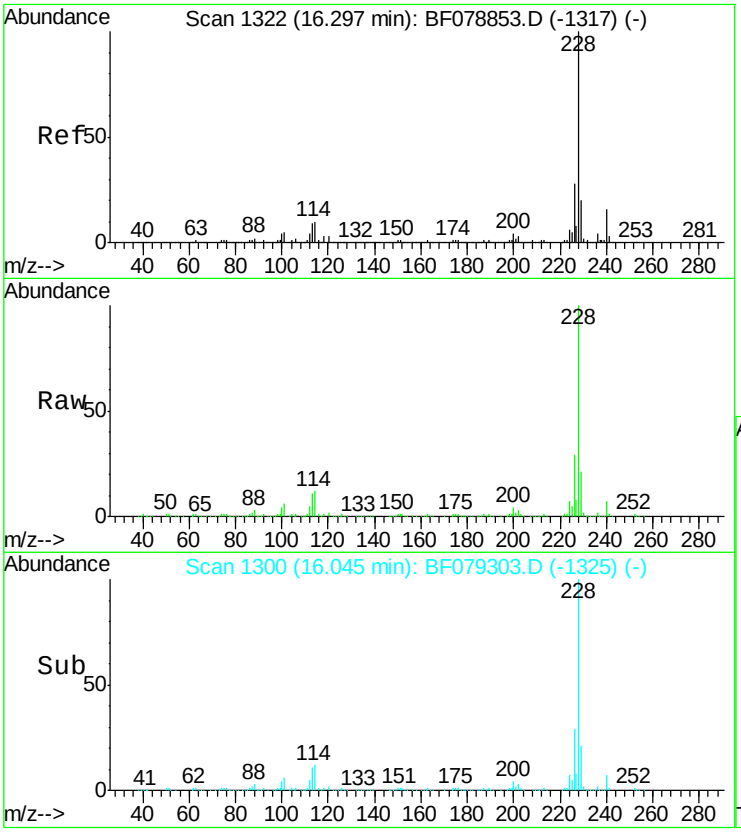


#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	13.1

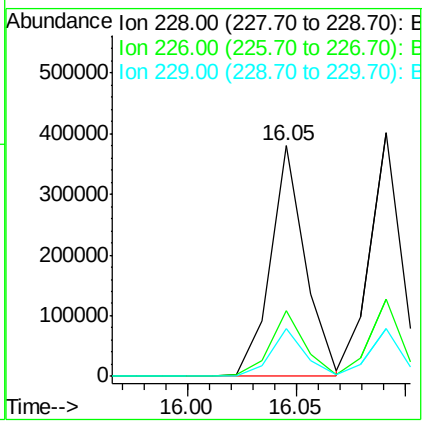


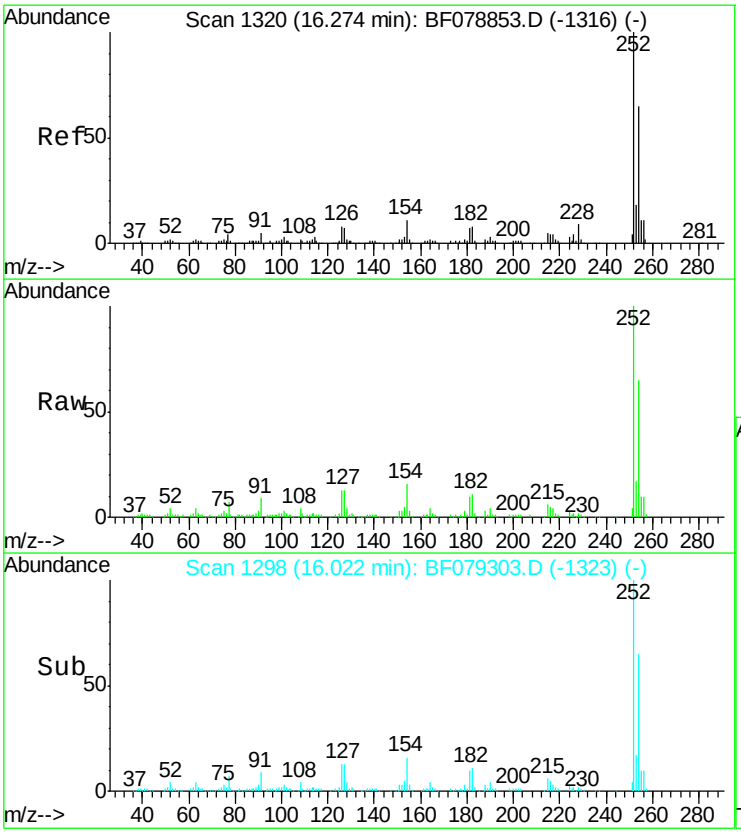
#80
Benzo(a)anthracene
Concen: 34.54 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.45 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:228 Resp: 425667

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.6	16.1	24.1

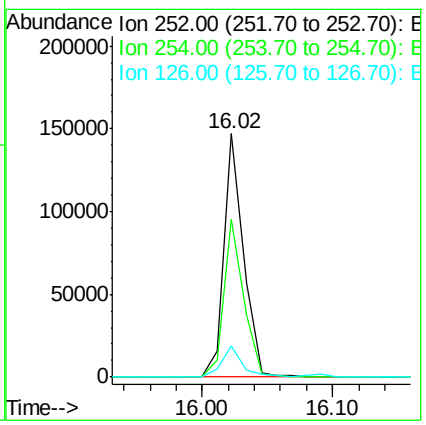


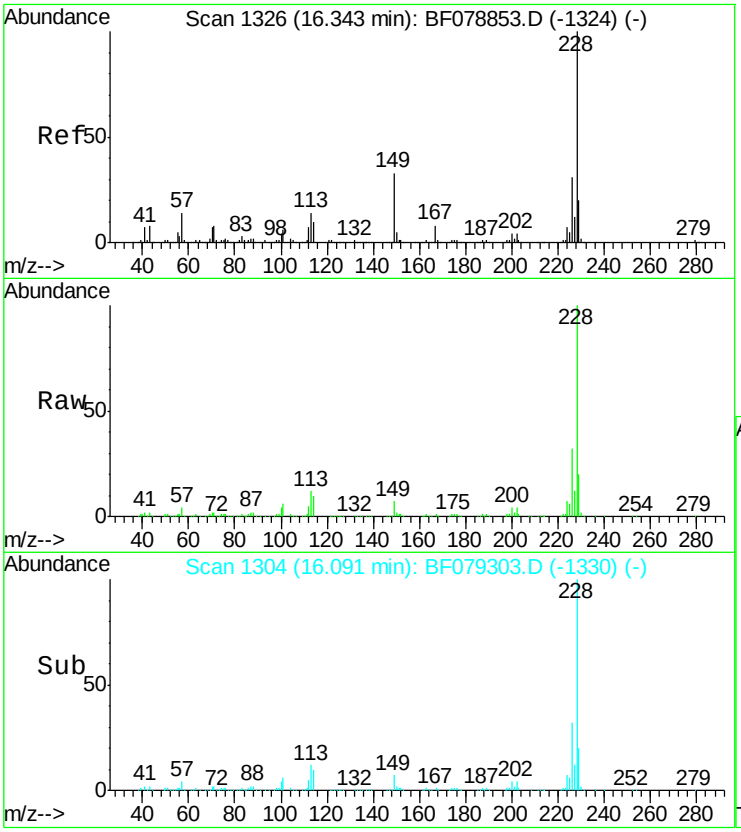


#81
3,3'-Dichlorobenzidine
Concen: 35.20 ng
RT: 16.02 min Scan# 1298
Delta R.T. -0.45 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:252 Resp: 154476

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	12.8	6.6	9.8#



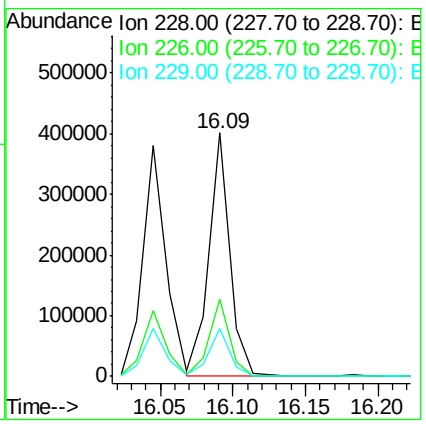


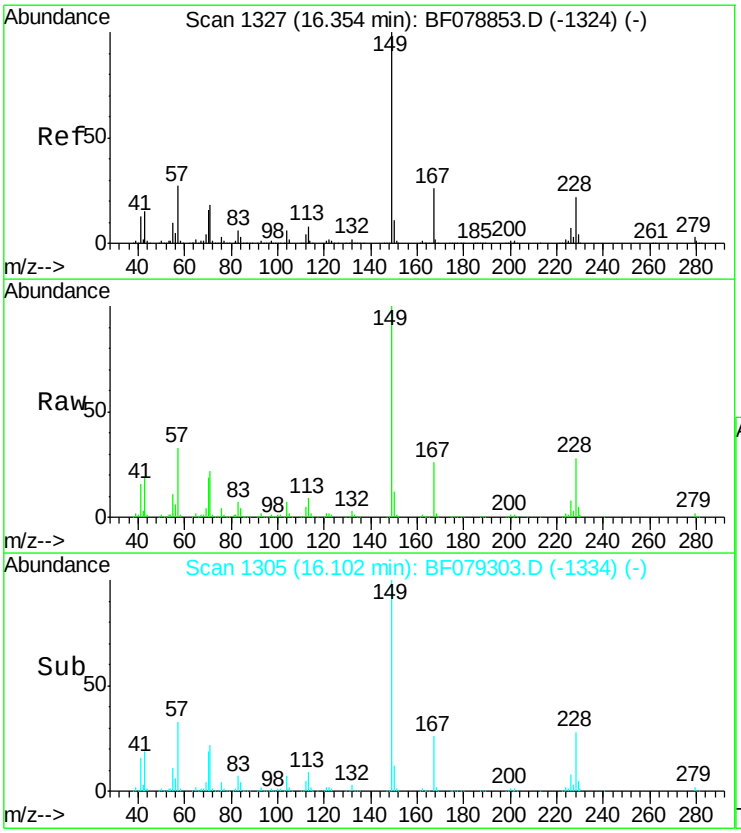
#82
Chrysene
Concen: 33.85 ng
RT: 16.09 min Scan# 1304
Delta R.T. -0.46 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:228 Resp: 401116

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	19.8	16.1	24.1

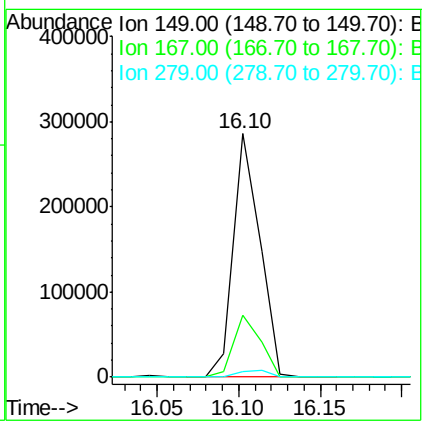


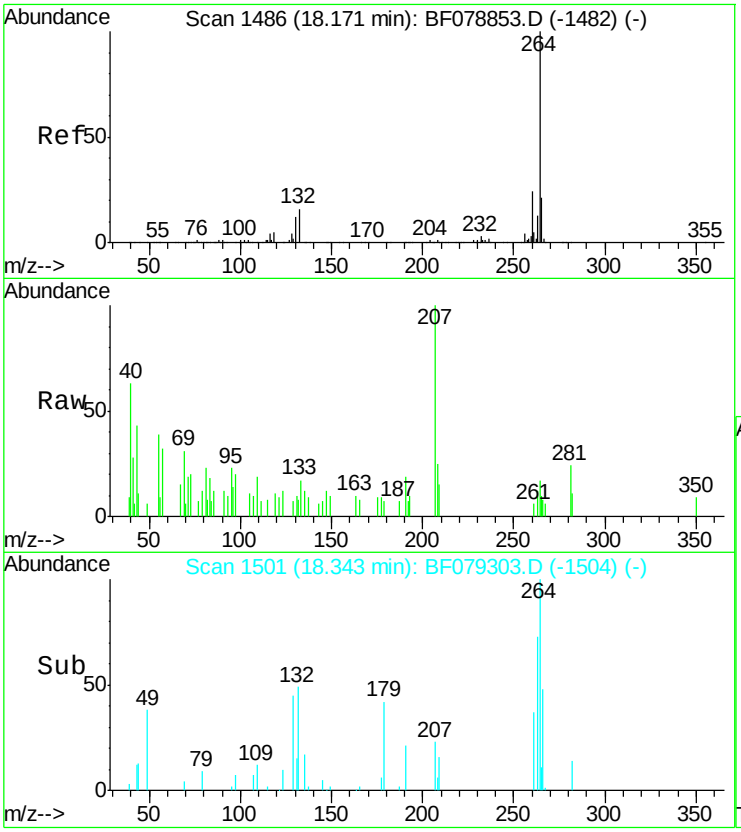


#83
Bis(2-ethylhexyl)phthalate
Concen: 37.21 ng
RT: 16.10 min Scan# 1305
Delta R.T. -0.50 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:149 Resp: 319476

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	2.3	2.6	4.0#



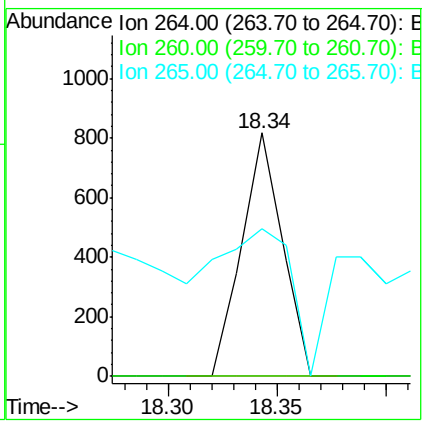


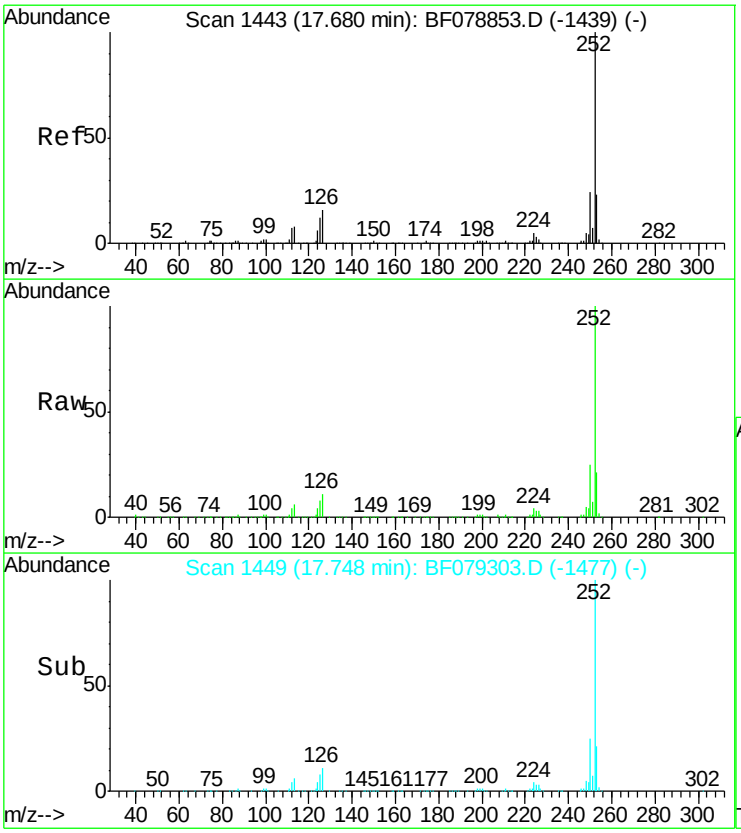
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 1501
Delta R.T. -0.54 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:264 Resp: 1063

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.2	28.8#
265	60.4	17.2	25.8#

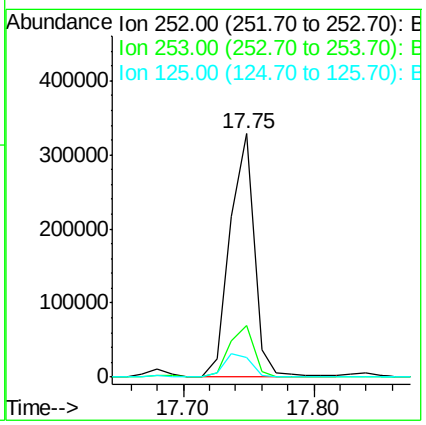


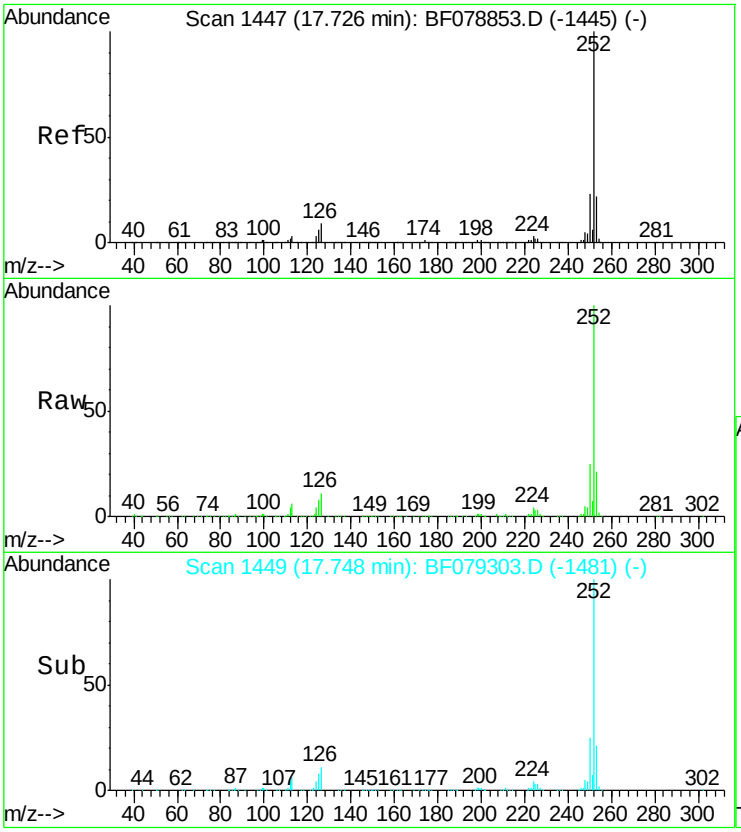


#87
Benzo(b)fluoranthene
Concen: 7282.68 ng
RT: 17.75 min Scan# 1449
Delta R.T. -0.50 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:252 Resp: 423732

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	8.1	9.4	14.2#



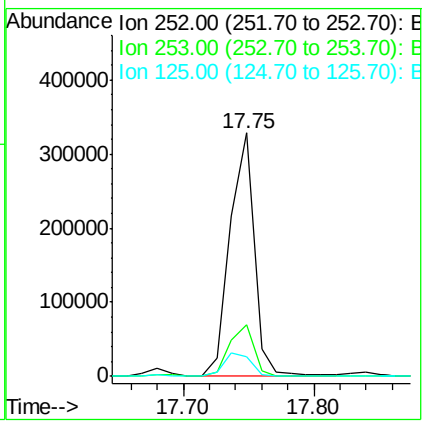


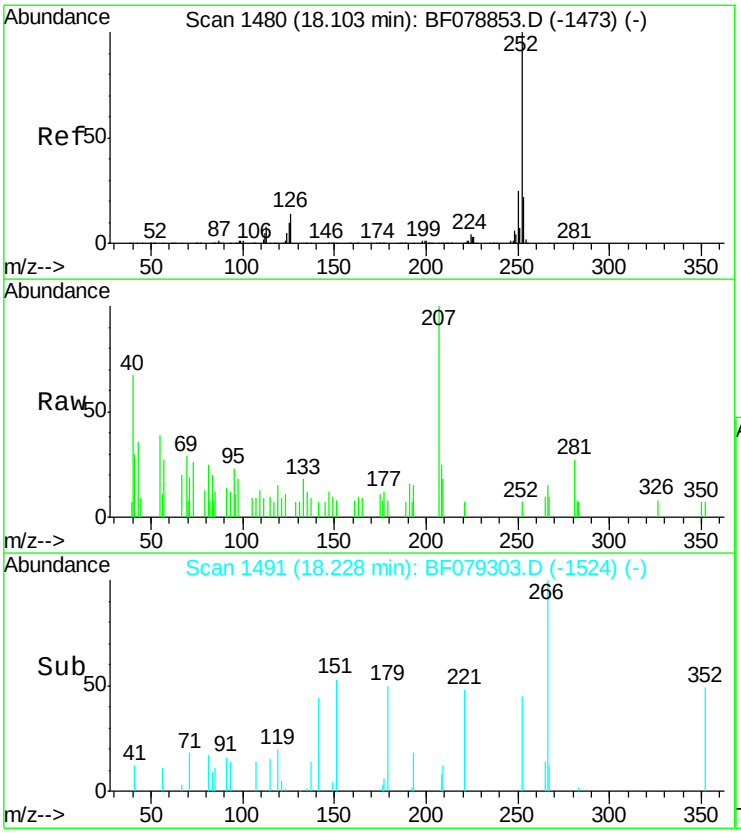
#88
Benzo(k)fluoranthene
Concen: 7522.79 ng
RT: 17.75 min Scan# 1449
Delta R.T. -0.55 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Instrument :
BNA_F
ClientSampleId :
SB-36SMSD

Tgt Ion:252 Resp: 423732

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	8.1	6.1	9.1





#89
Benzo(a)pyrene
Concen: 4.01 ng
RT: 18.23 min Scan# 1491
Delta R.T. -0.56 min
Lab File: BF079303.D
Acq: 16 May 2015 9:37

Tgt Ion:252 Resp: 215

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	8.2	12.2#