Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 10:16:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	157191	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	576103	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	249962	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	443391	20.00	ng		0.00
75) Chrysene-d12	13.99	240	331843	20.00	ng		-0.01
86) Perylene-d12	15.46	264	328220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	916012	86.80	ng		0.00
7) Phenol-d6	6.45	99	1068620	81.37	ng		0.00
23) Nitrobenzene-d5	7.39	82	602418	58.21	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	158048	65.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	927456	57.56	ng		0.00
78) Terphenyl-d14	12.93	244	781572	56.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	92746	6.196	ng		84
18) Hexachloroethane	7.35	117	59191	13.307	ng	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	25088	2.909	ng	#	68
22) Acetophenone	7.20	105	166325	12.653	ng	#	60
25) Isophorone	7.62	82	61344	2.955	ng	#	1
32) Benzoic acid	7.88	122	5238	8.737	ng	#	29
35) Caprolactam	8.55	113	11034	3.847	ng	#	1
37) 2-Methylnaphthalene	8.82	142	86635	4.585	ng	#	95
45) 1,1'-Biphenyl	9.28	154	164084	7.402	ng		98
49) Dimethylphthalate	9.57	163	59307	2.950	ng	#	64
51) Acenaphthene	9.89	154	44661	2.775	ng	#	59
53) 2,4-Dinitrophenol	9.97	184	550	10.657	ng	#	1
54) Dibenzofuran	10.07	168	59923	2.929	ng	#	36
55) 4-Nitrophenol	10.00	139	7014	3.157	ng	#	25
56) 2,4-Dinitrotoluene	10.06	165	21347	4.637	ng	#	50
57) Fluorene	10.41	166	108198	6.253	ng	#	89
65) n-Nitrosodiphenylamine	10.52	169	168499	10.292	ng	#	43
69) Pentachlorophenol	11.15	266	836	6.931	ng	#	56
70) Phenanthrene	11.37	178	343123	13.915	ng		97
71) Anthracene	11.37	178	343123	13.623	ng		96

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

Quantitation Report (Not Reviewed)

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Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
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Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 10:16:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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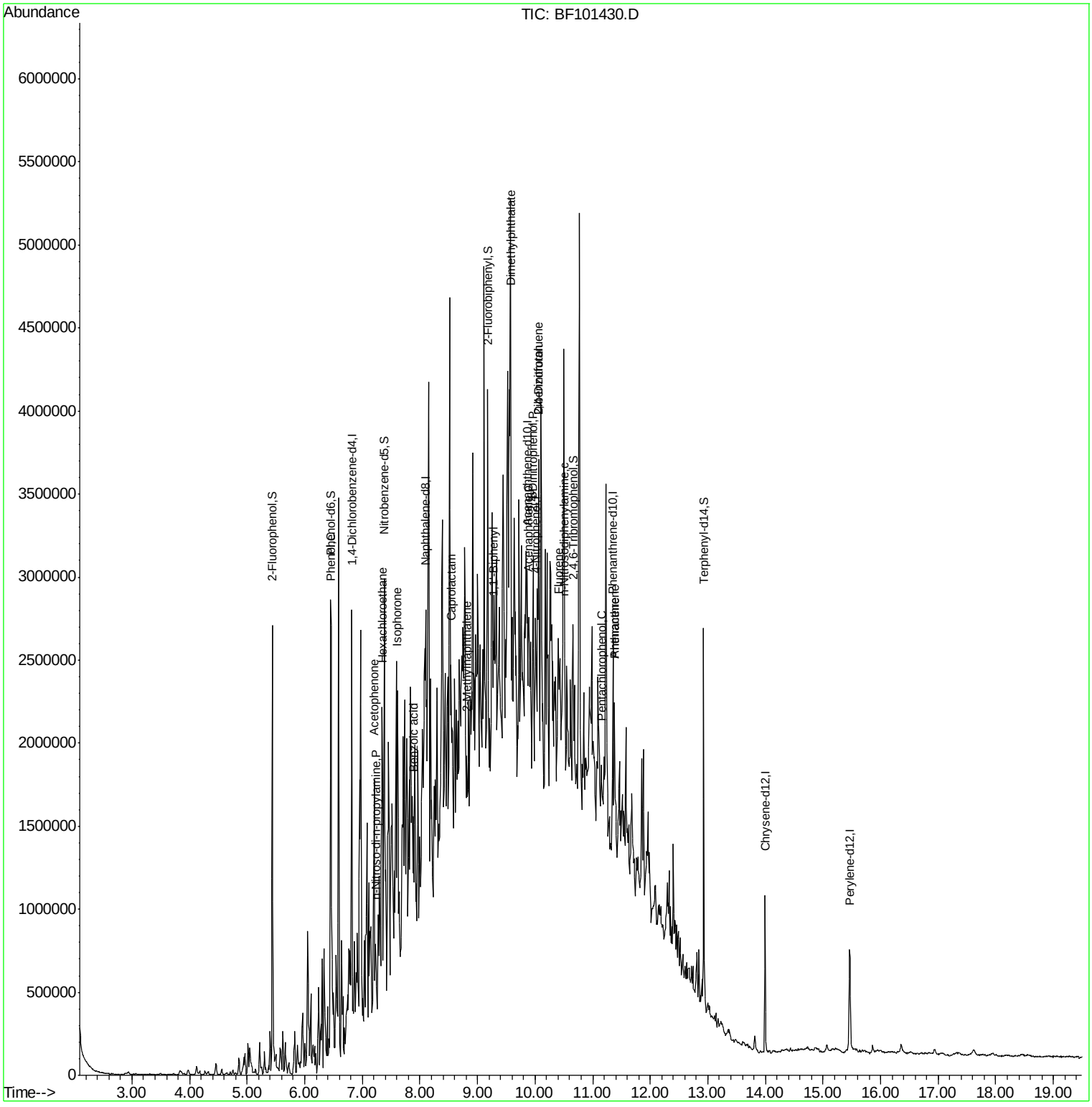
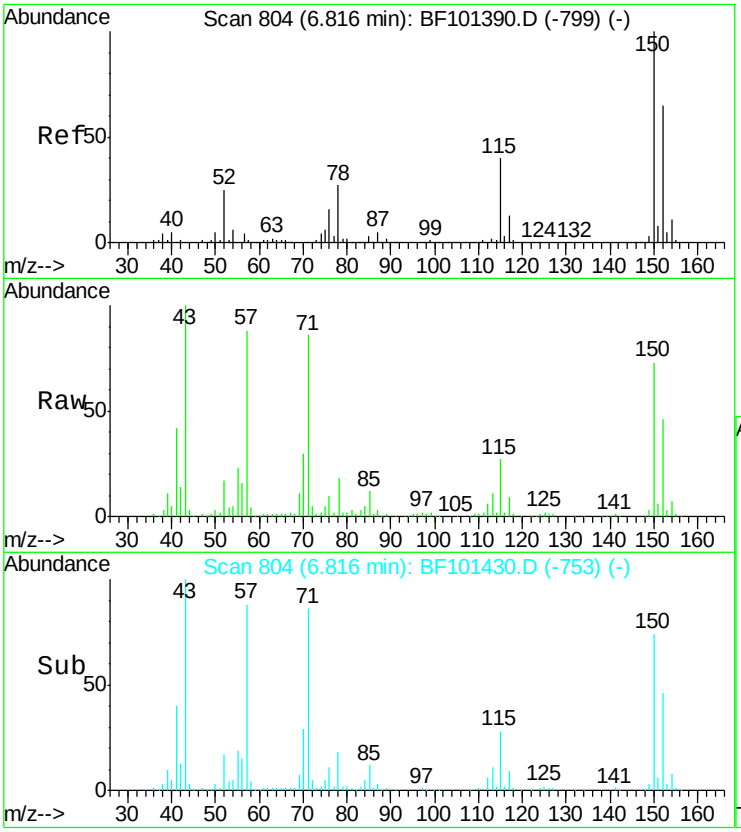
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration



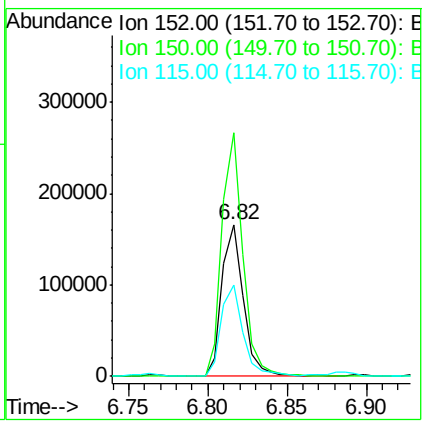


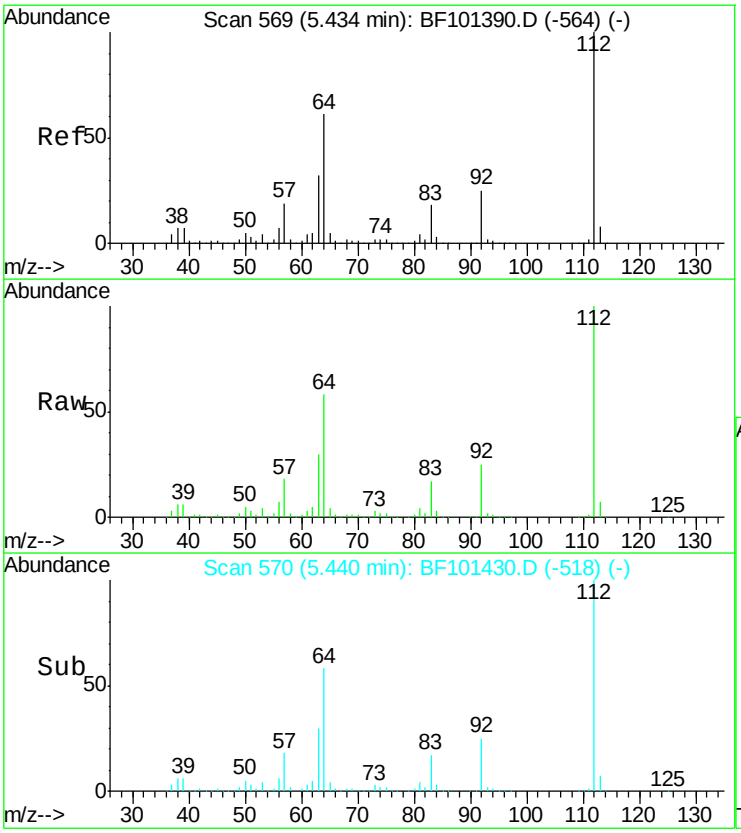
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157191

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.8	50.1	75.1

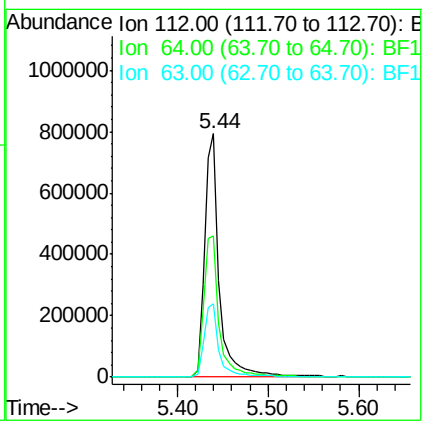


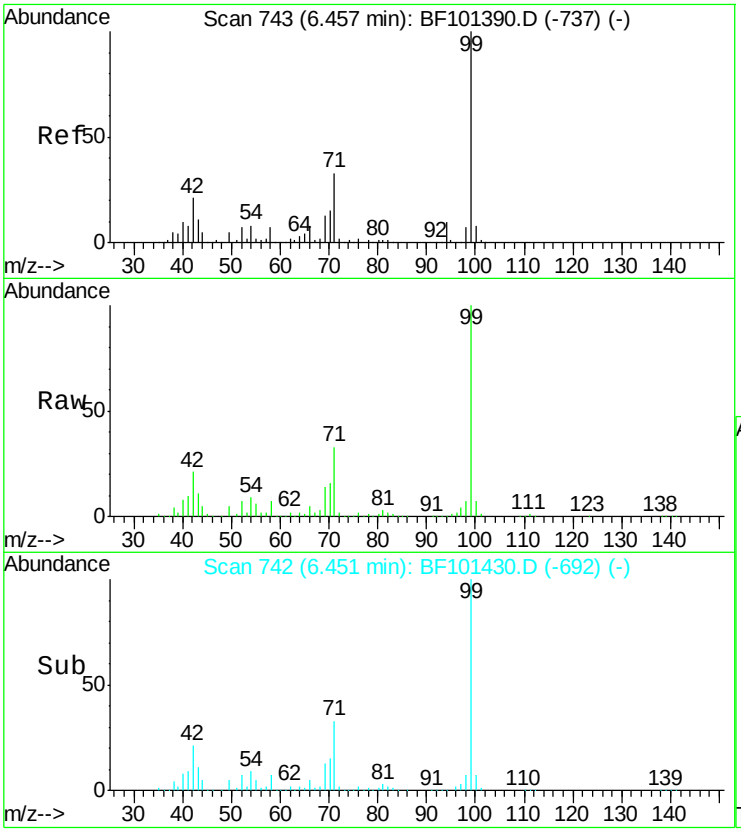


#5
2-Fluorophenol
Concen: 86.803 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:112 Resp: 916012

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.9	23.7	35.5



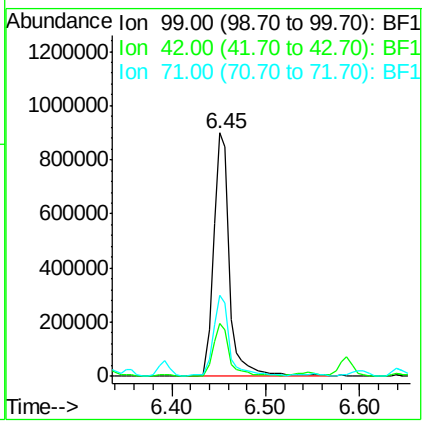


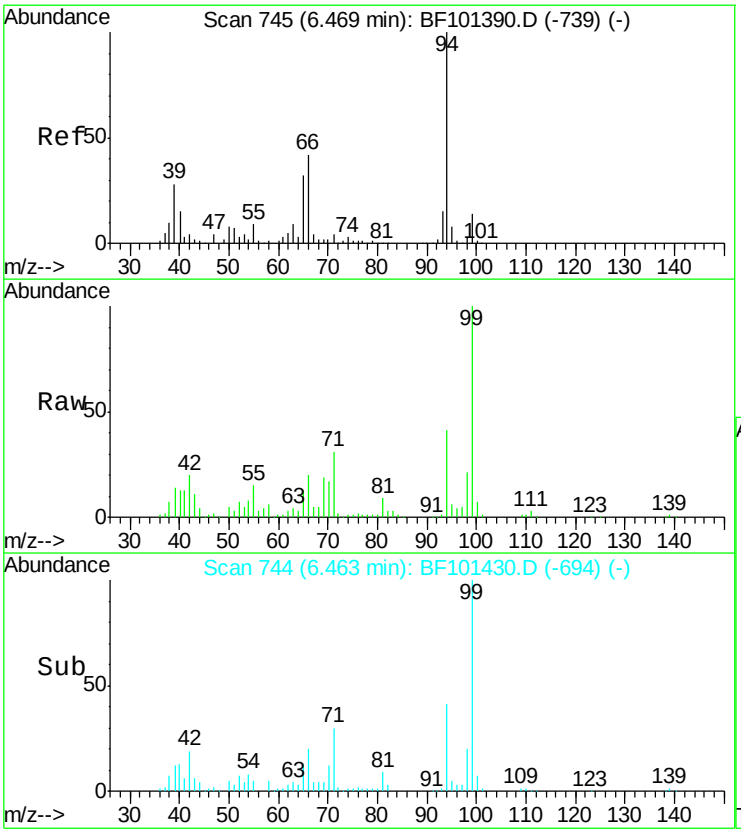
#7
Phenol-d6
Concen: 81.367 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1068620

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	33.0	25.4	38.0

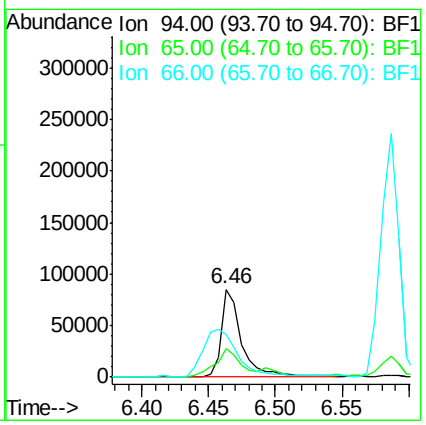


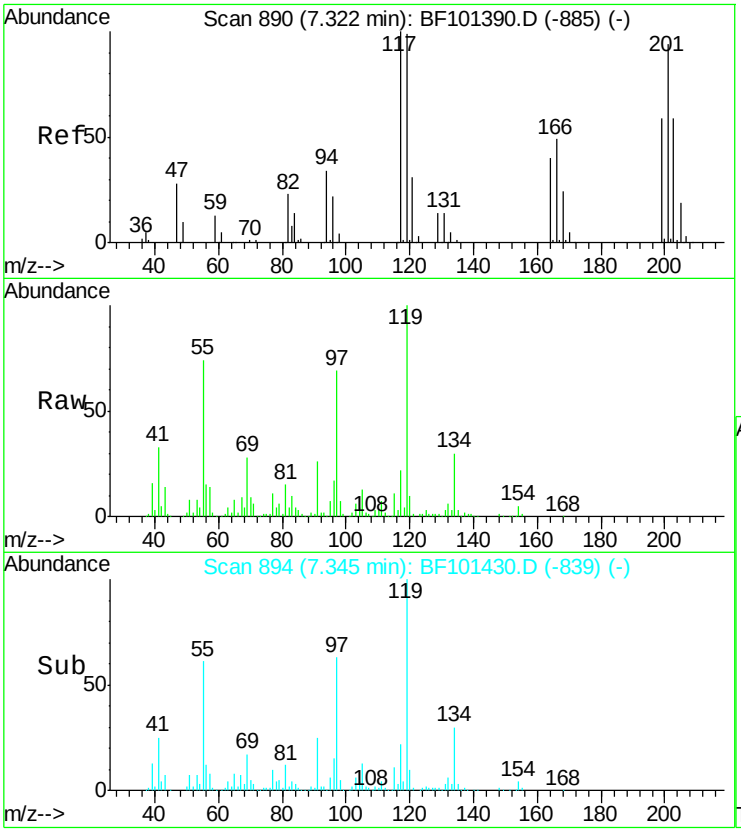


#10
Phenol
Concen: 6.196 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion: 94 Resp: 92746

Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	48.9	16.2	56.2



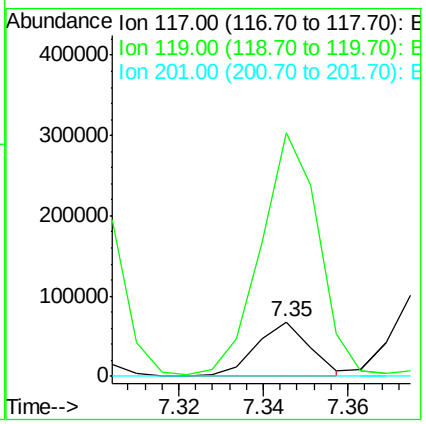


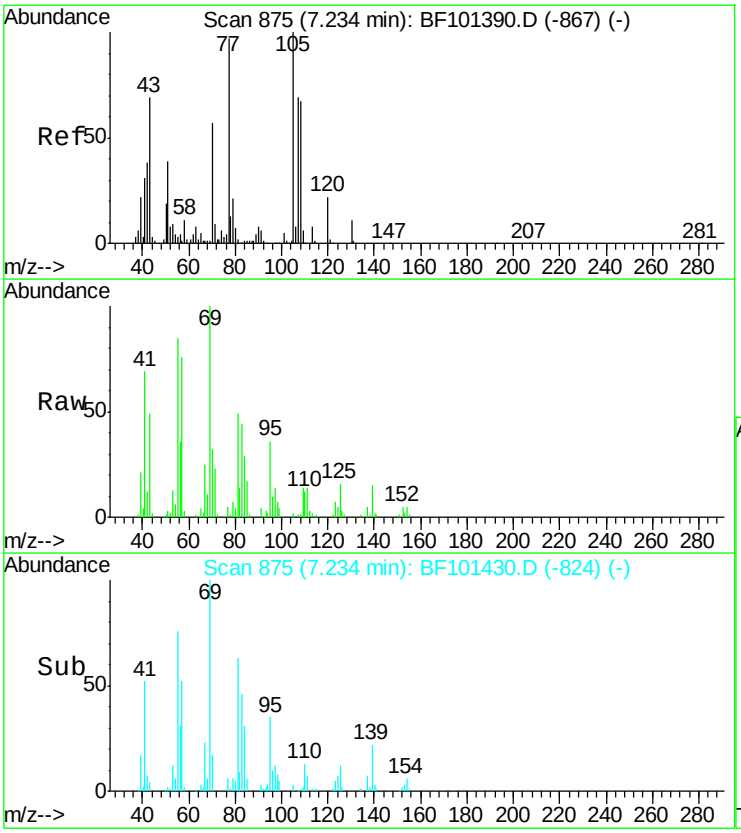
#18
Hexachloroethane
Concen: 13.307 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 59191

Ion	Ratio	Lower	Upper
117	100		
119	445.7	75.8	113.8#
201	0.0	75.7	113.5#

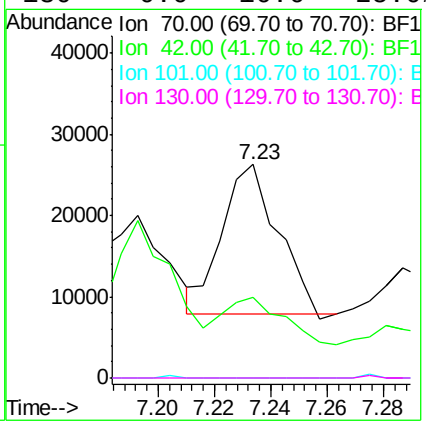


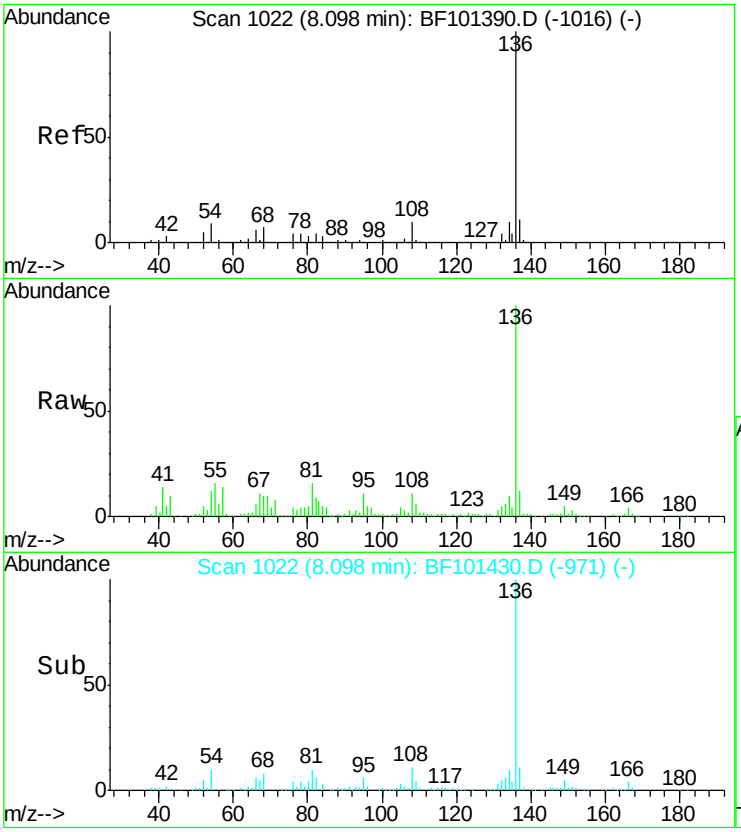


#19
n-Nitroso-di-n-propylamine
Concen: 2.909 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion: 70 Resp: 25088

Ion	Ratio	Lower	Upper
70	100		
42	37.5	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



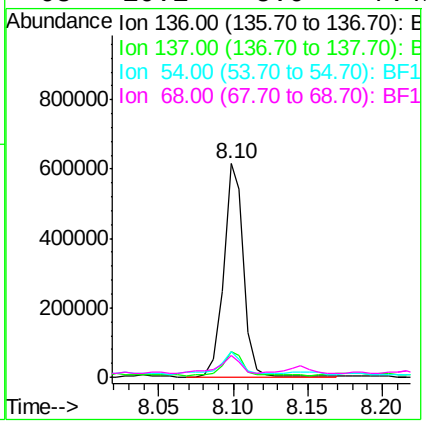


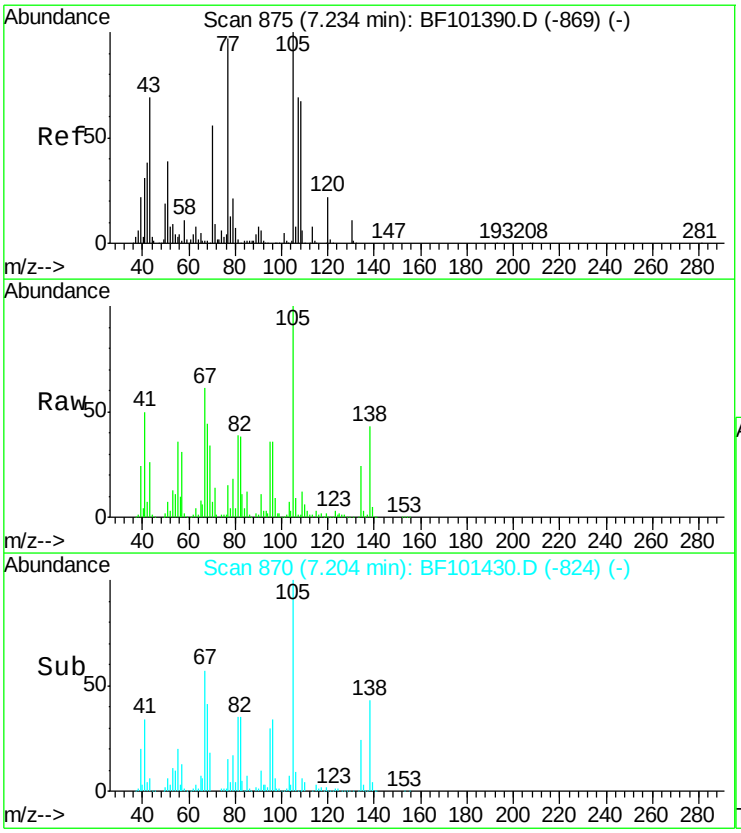
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 576103

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	11.7	6.6	9.8#
68	10.1	5.0	7.4#

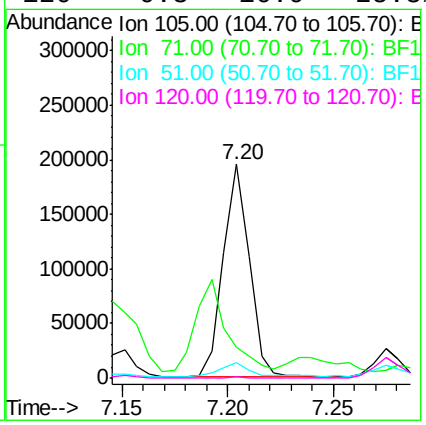


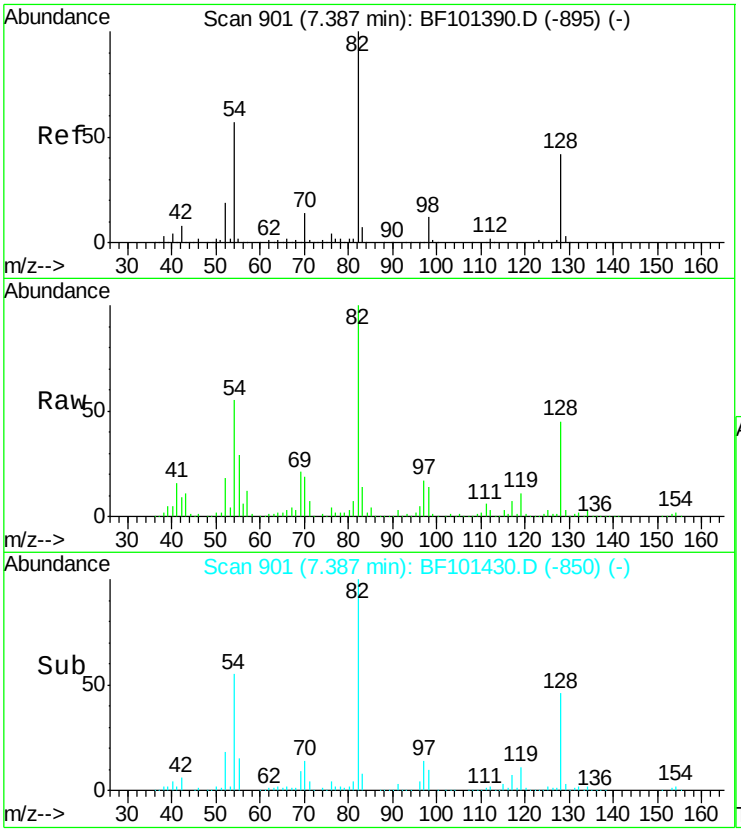


#22
Acetophenone
Concen: 12.653 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.03 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:105 Resp: 166325

Ion	Ratio	Lower	Upper
105	100		
71	14.1	4.4	6.6#
51	7.0	22.3	33.5#
120	0.3	16.9	25.3#



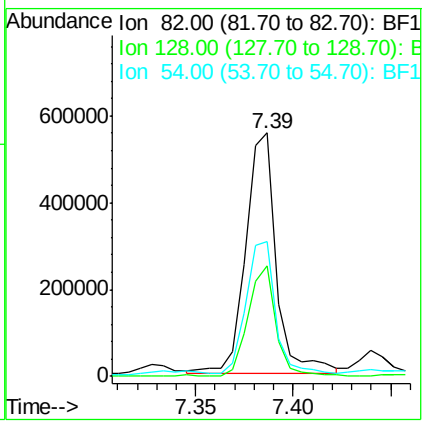


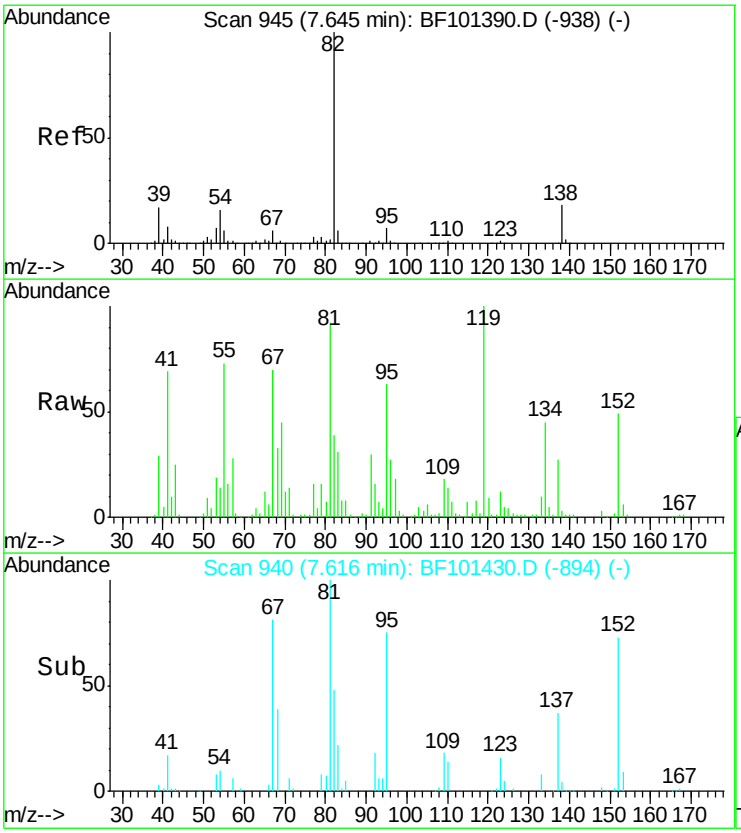
#23
Nitrobenzene-d5
Concen: 58.208 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 602418

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	55.1	41.4	62.2

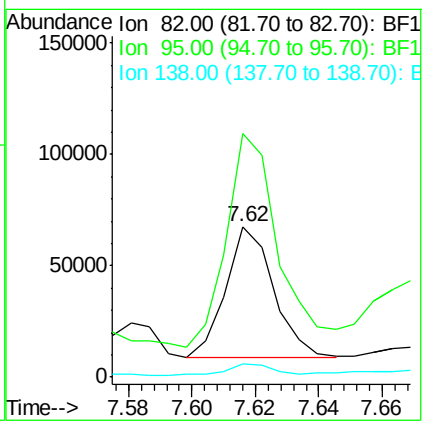


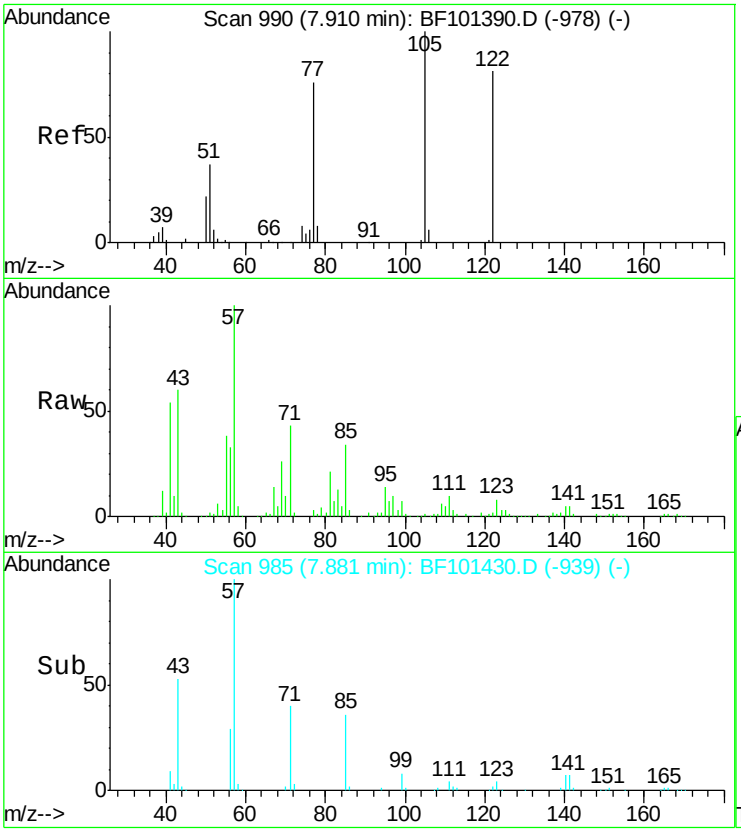


#25
Isophorone
Concen: 2.955 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion: 82 Resp: 61344

Ion	Ratio	Lower	Upper
82	100		
95	162.1	5.2	7.8#
138	8.9	14.9	22.3#



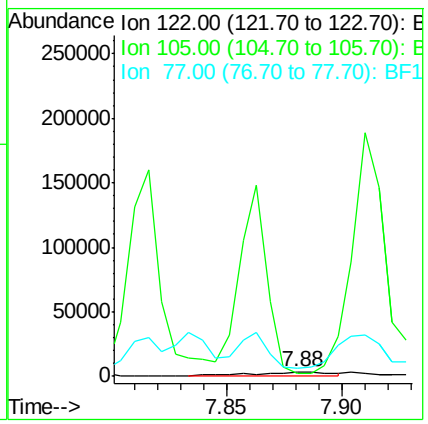


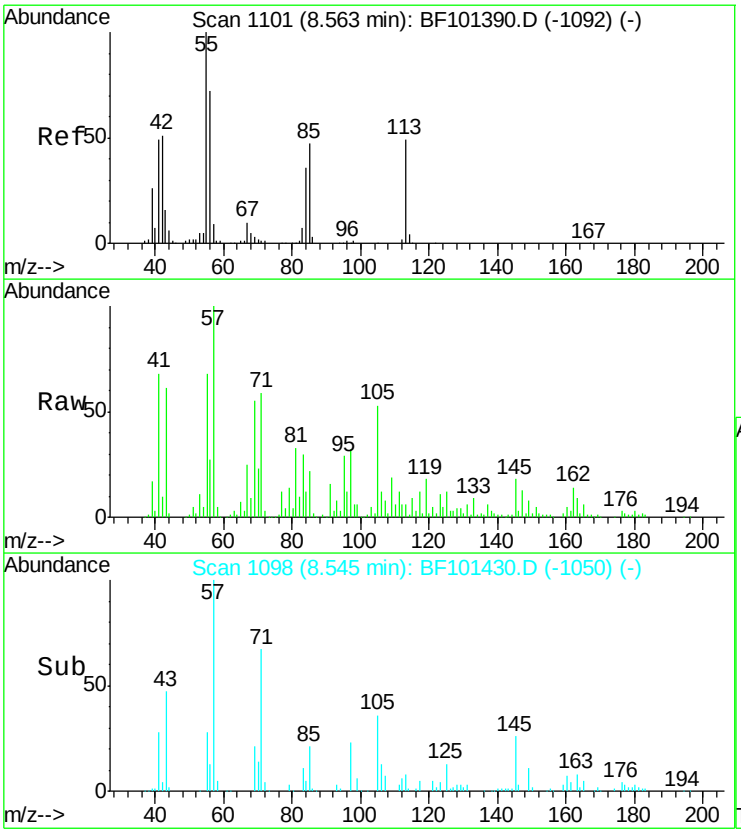
#32
Benzoic acid
Concen: 8.737 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5238

Ion	Ratio	Lower	Upper
122	100		
105	56.3	101.1	141.1#
77	174.0	70.7	110.7#

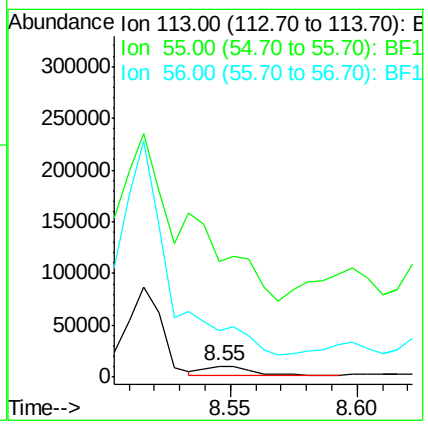


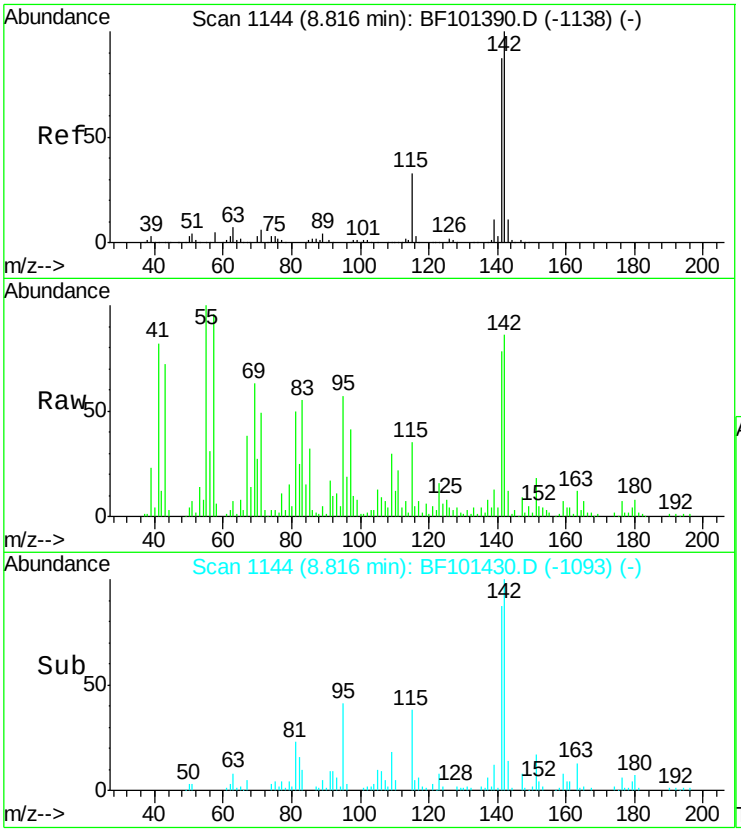


#35
Caprolactam
Concen: 3.847 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:113 Resp: 11034

Ion	Ratio	Lower	Upper
113	100		
55	1047.7	163.3	203.3#
56	418.0	115.7	155.7#



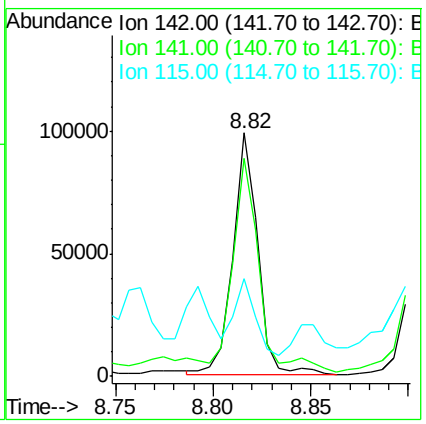


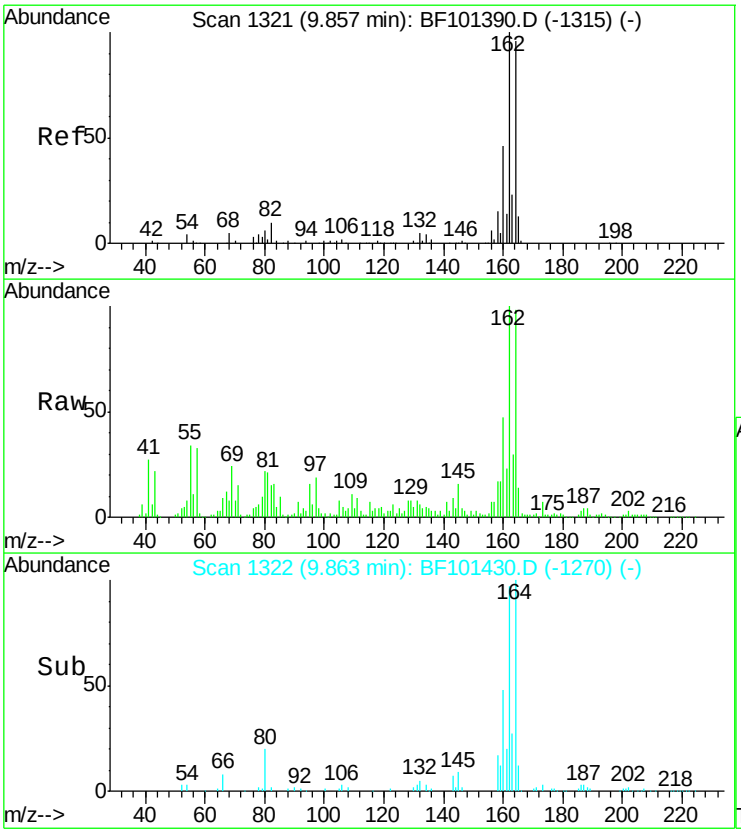
#37
2-Methylnaphthalene
Concen: 4.585 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 86635

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	40.2	26.1	39.1#

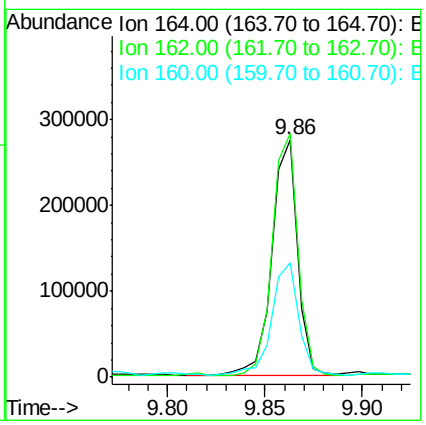


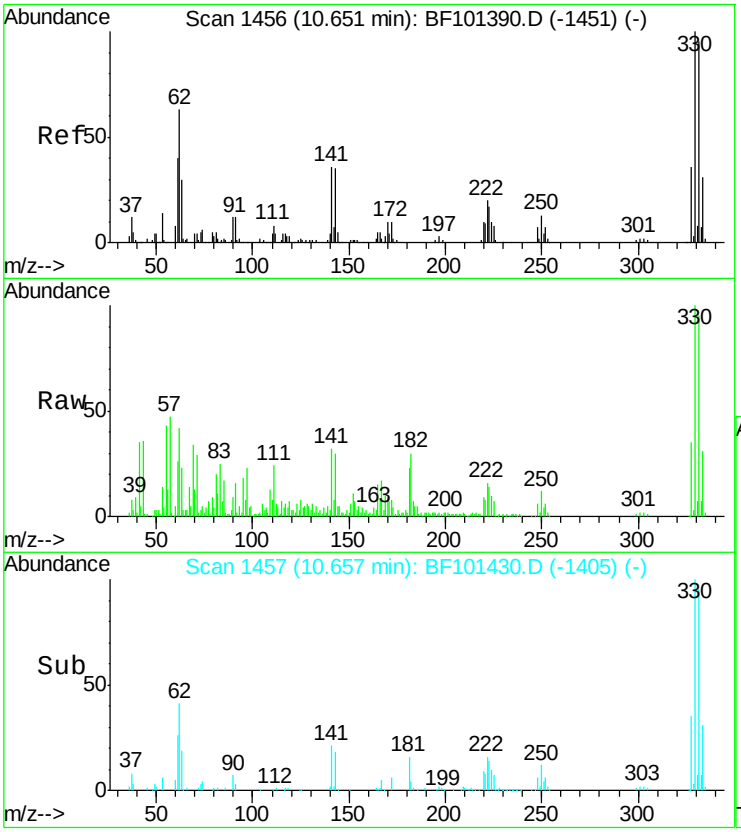


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:164 Resp: 249962

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	48.3	38.3	57.5



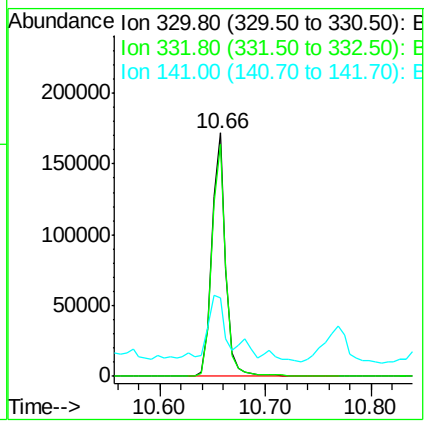


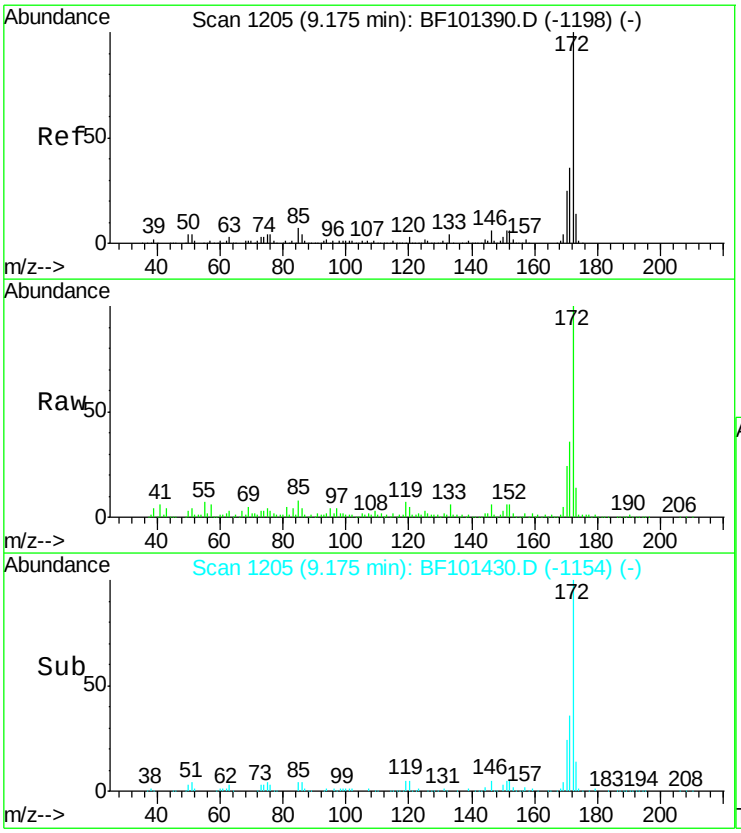
#41
2,4,6-Tribromophenol
Concen: 65.619 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 158048

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.6	29.9	44.9#

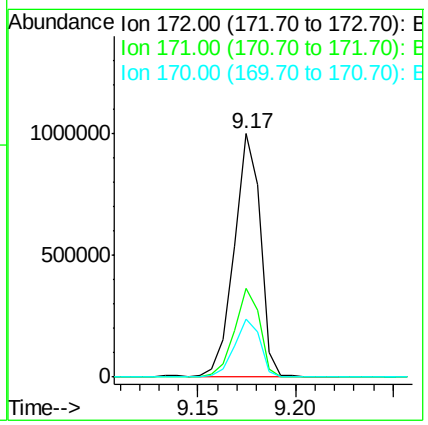


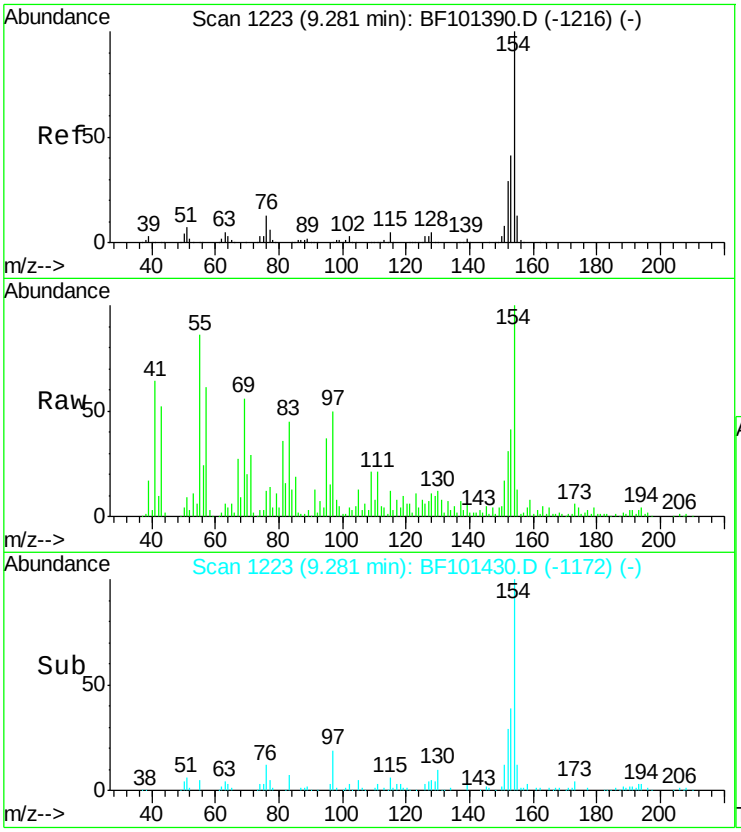


#44
2-Fluorobiphenyl
Concen: 57.557 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:172 Resp: 927456

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



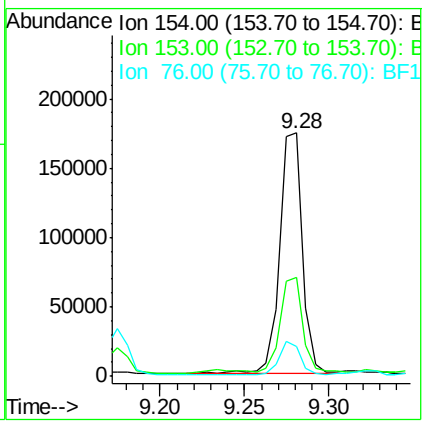


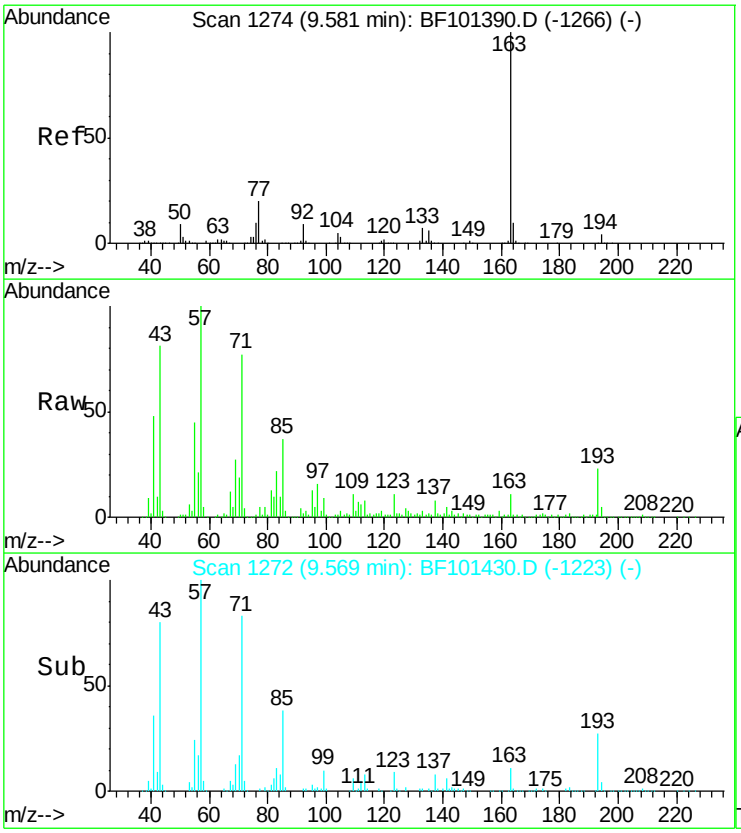
#45
1,1'-Biphenyl
Concen: 7.402 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 164084

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.4	0.0	34.0

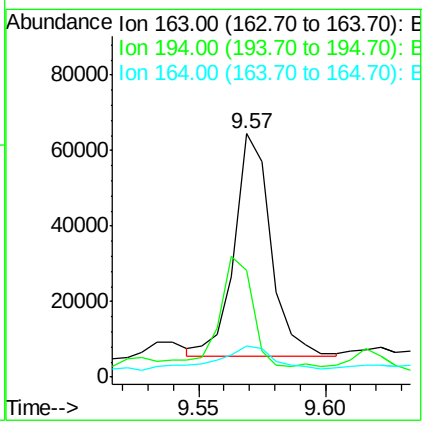


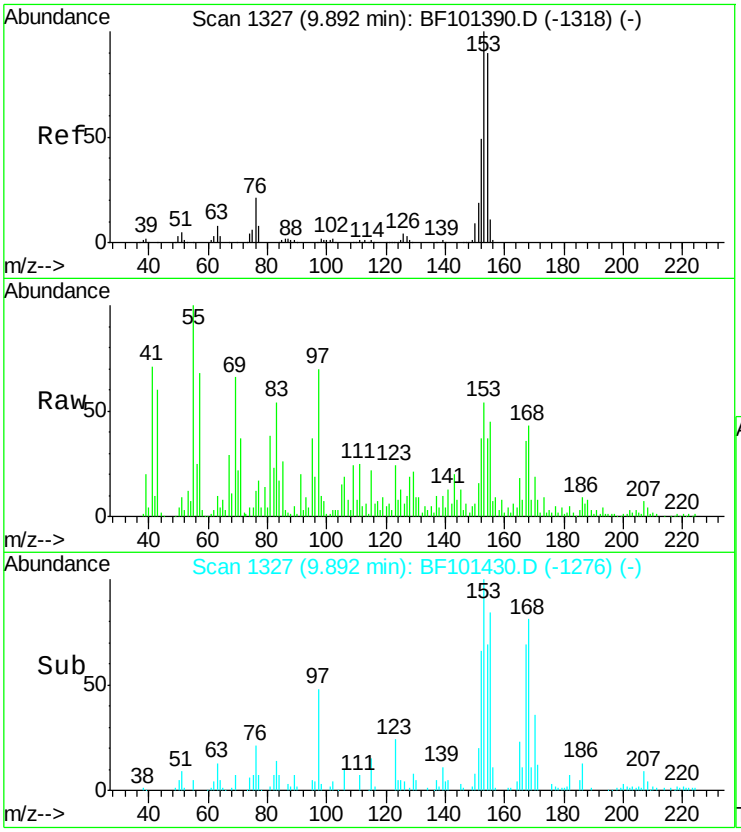


#49
Dimethylphthalate
Concen: 2.950 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:163 Resp: 59307

Ion	Ratio	Lower	Upper
163	100		
194	43.6	2.7	4.1#
164	12.8	8.2	12.2#



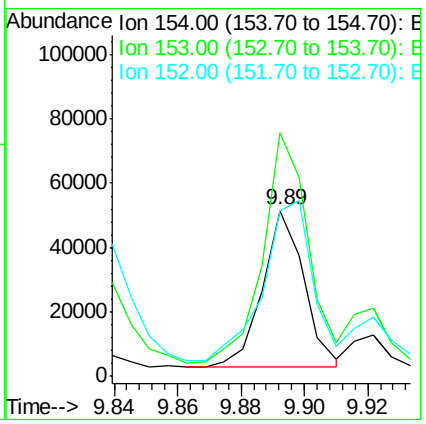


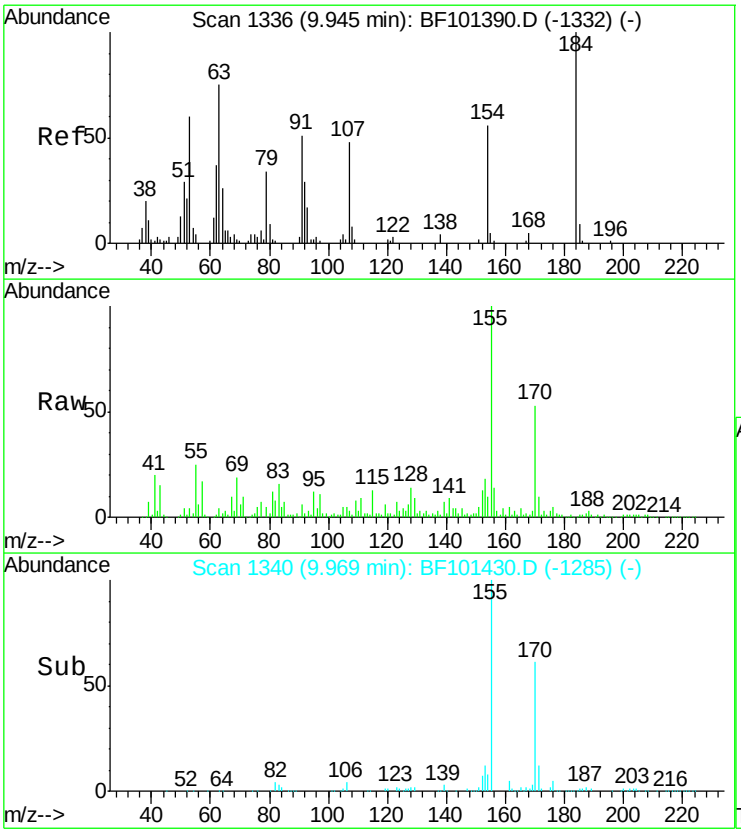
#51
Acenaphthene
Concen: 2.775 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 44661

Ion	Ratio	Lower	Upper
154	100		
153	146.9	91.2	136.8#
152	100.1	43.8	65.8#

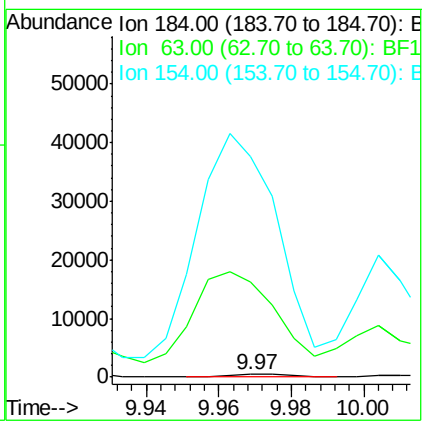


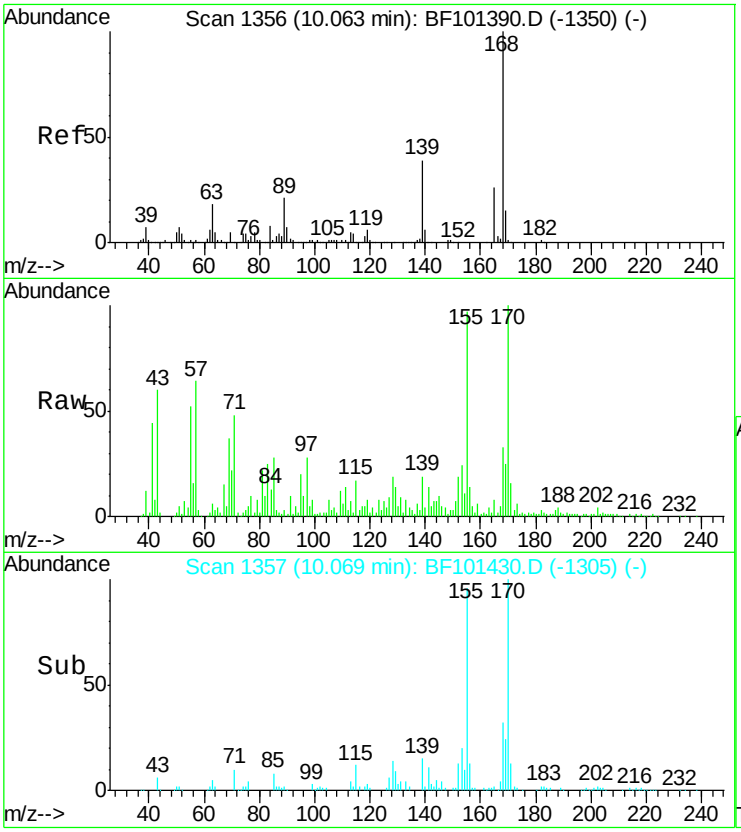


#53
2,4-Dinitrophenol
Concen: 10.657 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:184 Resp: 550

Ion	Ratio	Lower	Upper
184	100		
63	3883.8	54.2	81.2#
154	8982.9	184.0	276.0#



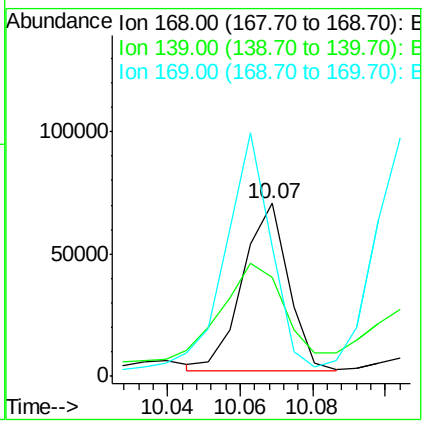


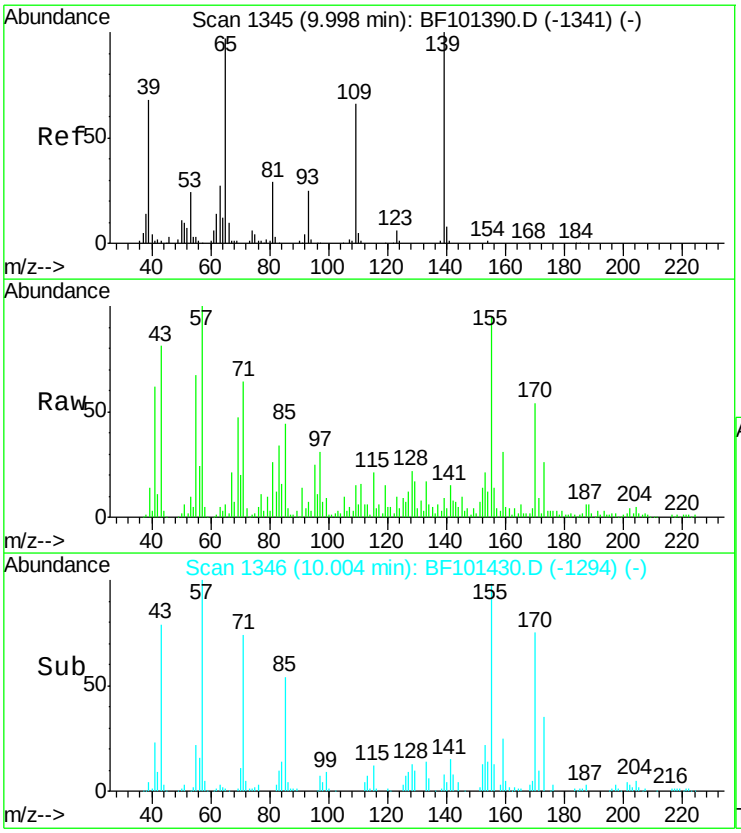
#54
Dibenzofuran
Concen: 2.929 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 59923

Ion	Ratio	Lower	Upper
168	100		
139	57.0	30.1	45.1#
169	75.2	10.9	16.3#

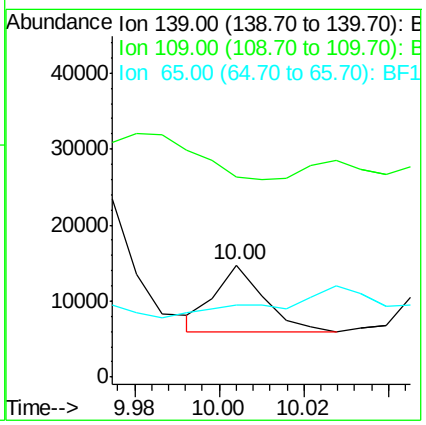


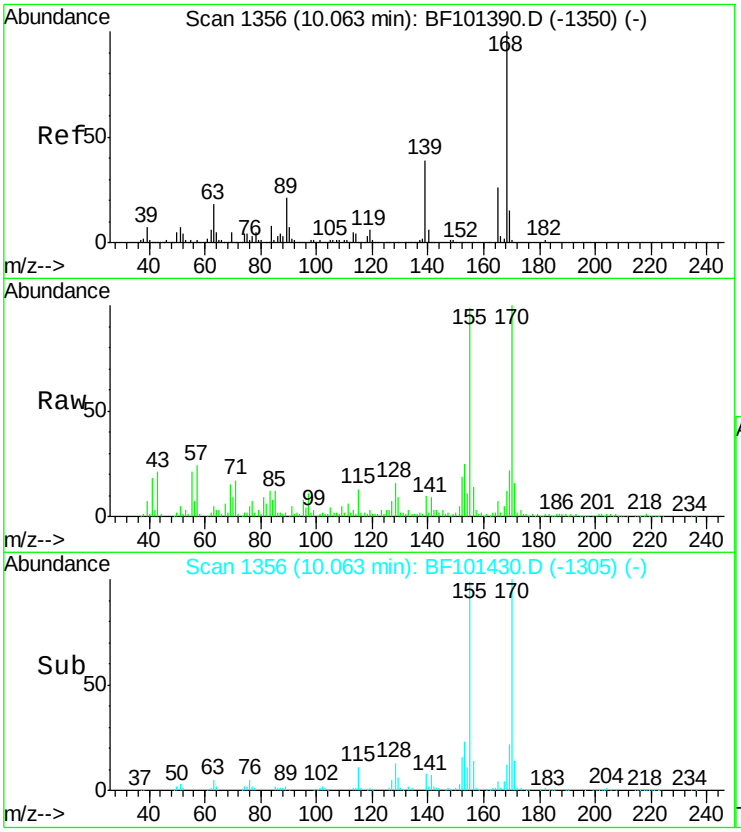


#55
4-Nitrophenol
Concen: 3.157 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:139 Resp: 7014

Ion	Ratio	Lower	Upper
139	100		
109	178.7	48.4	88.4#
65	64.8	72.6	112.6#



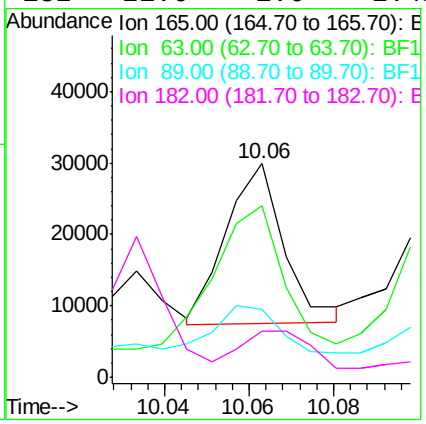


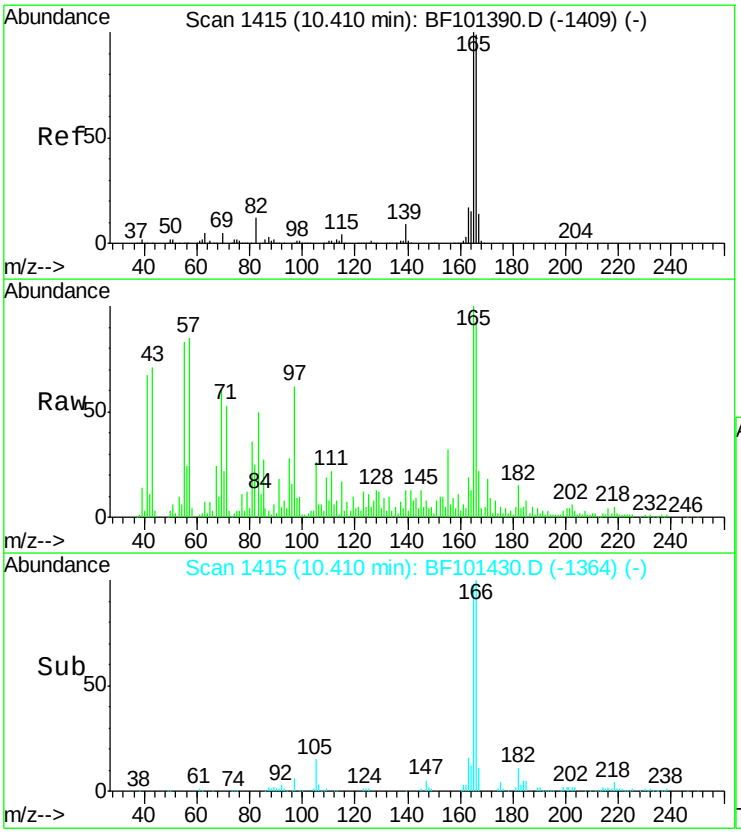
#56
2,4-Dinitrotoluene
Concen: 4.637 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21347

Ion	Ratio	Lower	Upper
165	100		
63	80.1	36.4	54.6#
89	32.1	57.8	86.6#
182	21.6	1.6	2.4#

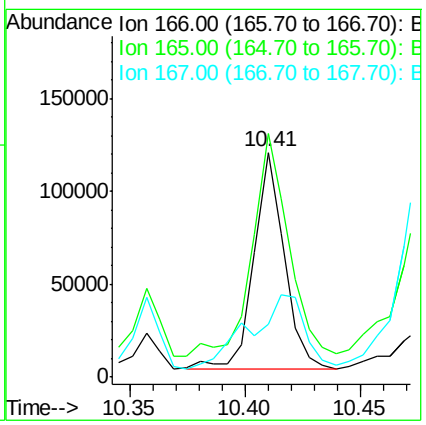


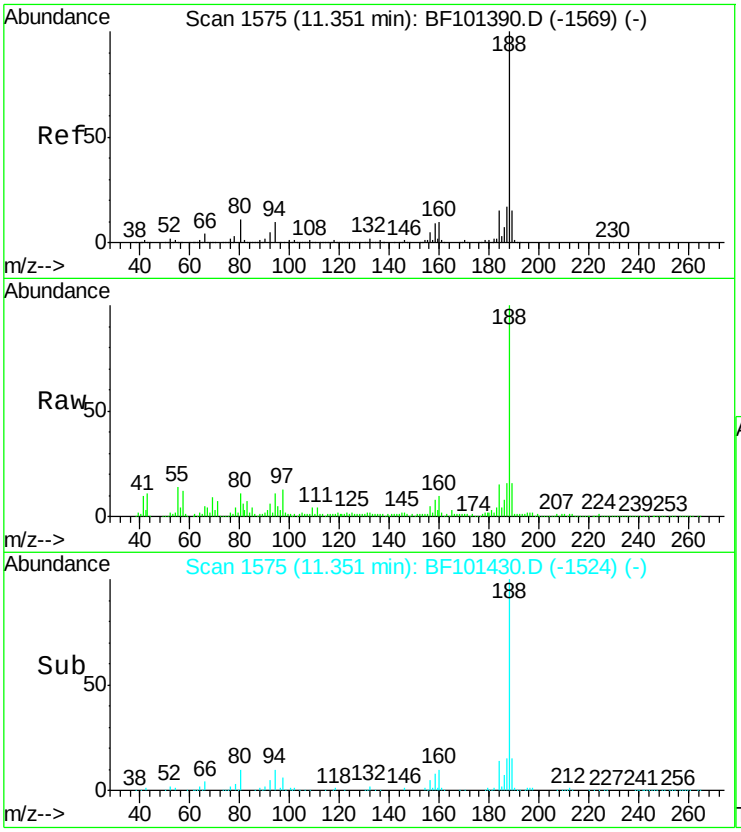


#57
Fluorene
Concen: 6.253 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:166 Resp: 108198

Ion	Ratio	Lower	Upper
166	100		
165	108.3	79.8	119.8
167	23.6	10.6	16.0#



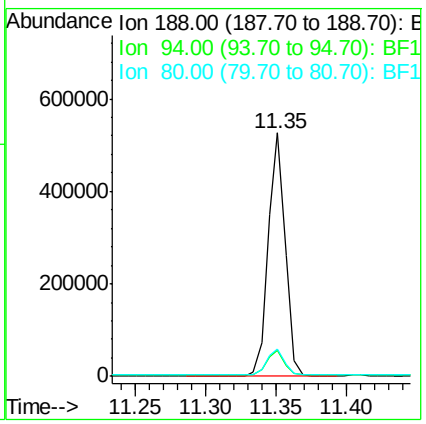


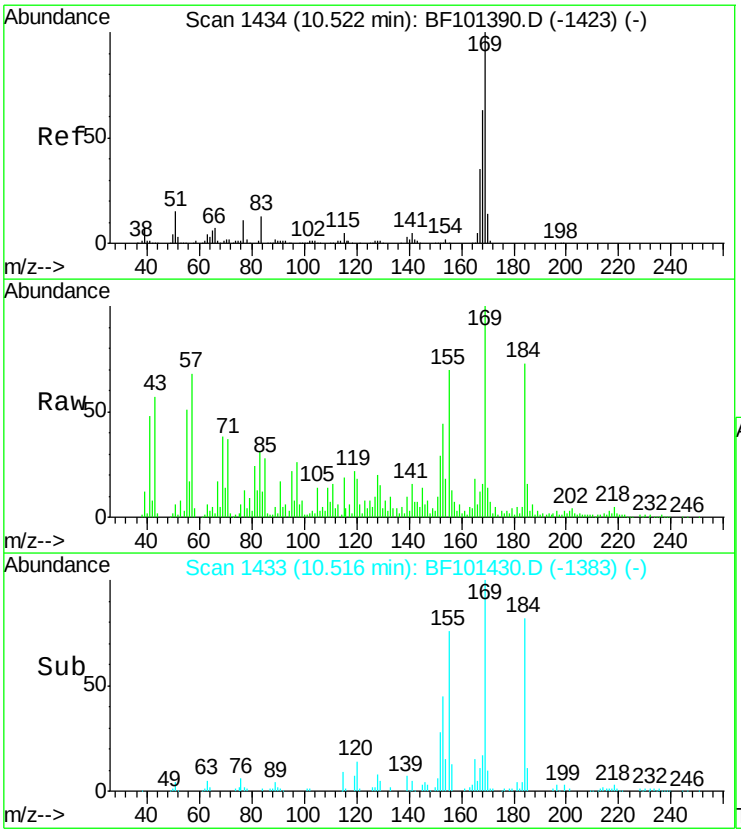
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 443391

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

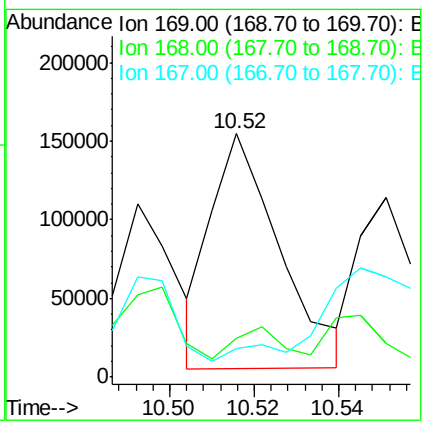


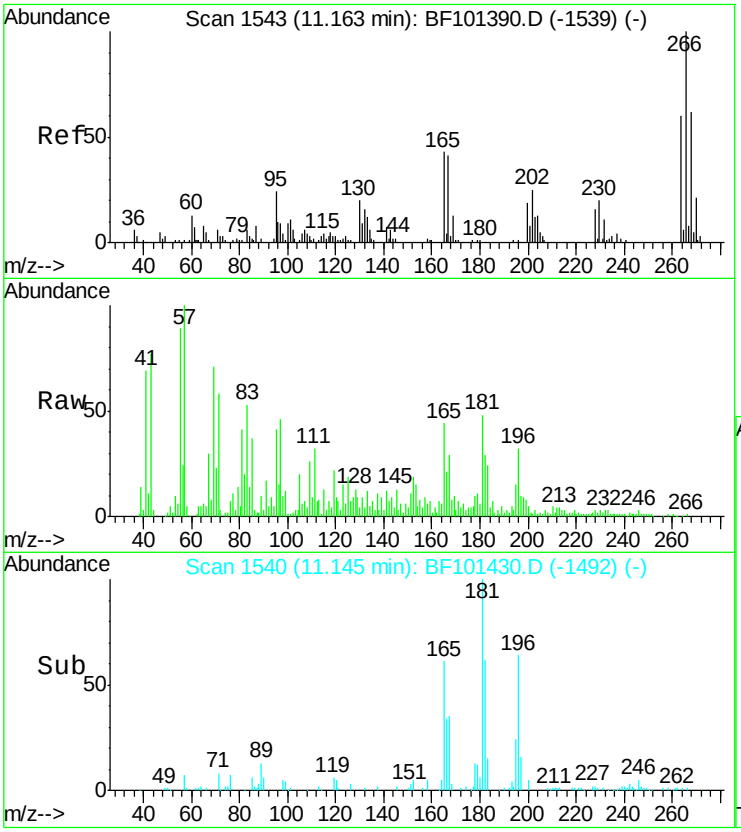


#65
n-Nitrosodiphenylamine
Concen: 10.292 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:169 Resp: 168499

Ion	Ratio	Lower	Upper
169	100		
168	16.1	54.4	81.6#
167	11.7	29.8	44.6#



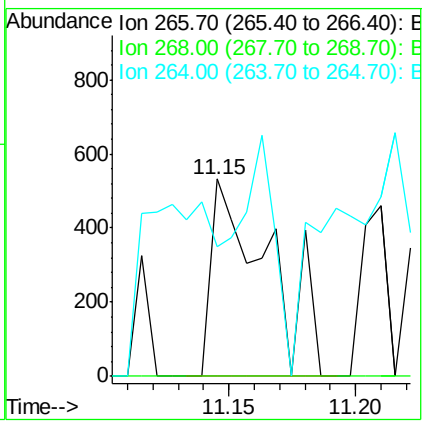


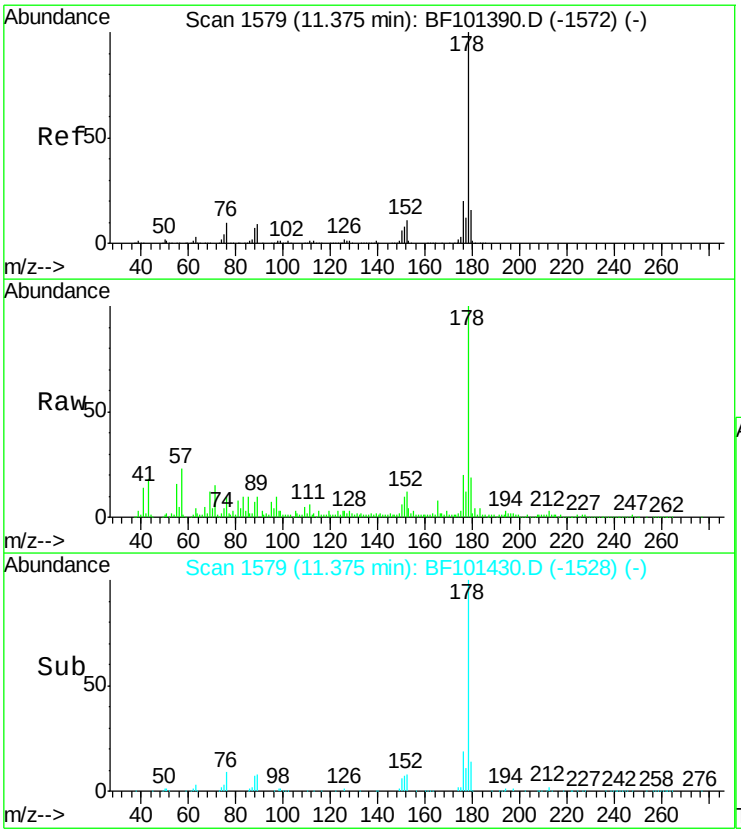
#69
Pentachlorophenol
Concen: 6.931 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 836

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	65.6	49.5	74.3

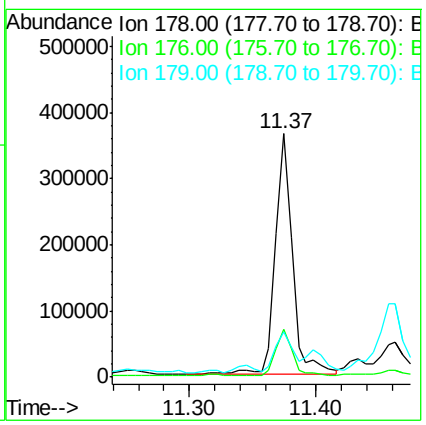


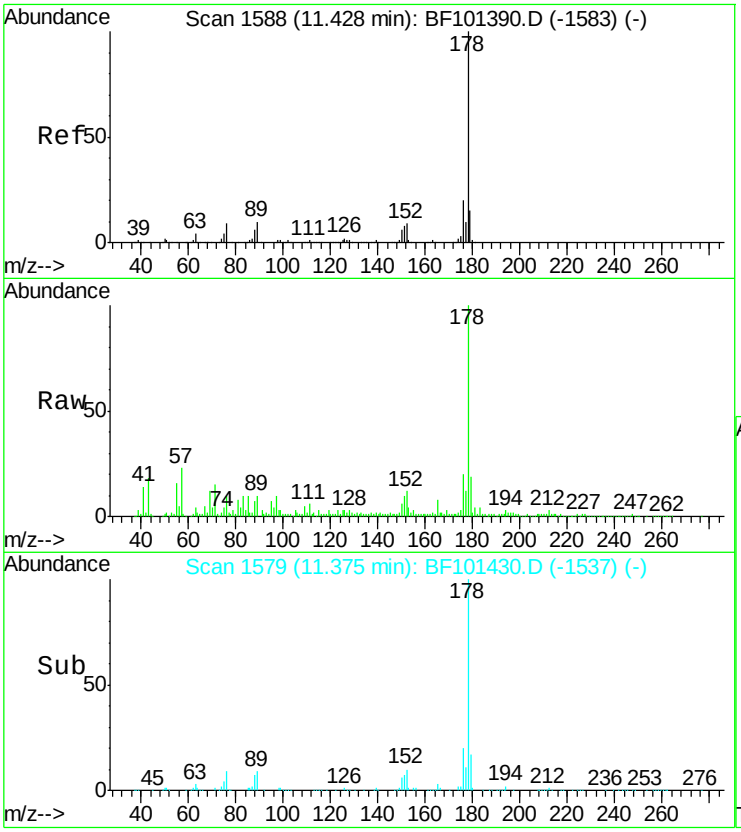


#70
Phenanthrene
Concen: 13.915 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:178 Resp: 343123

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	18.7	13.0	19.6



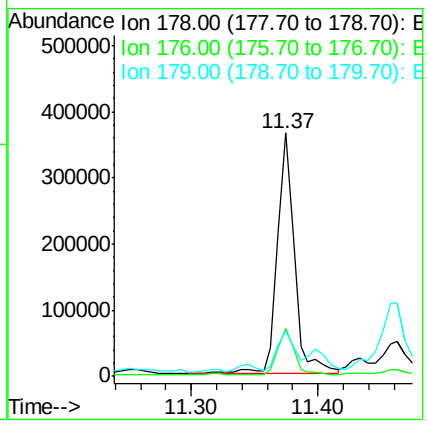


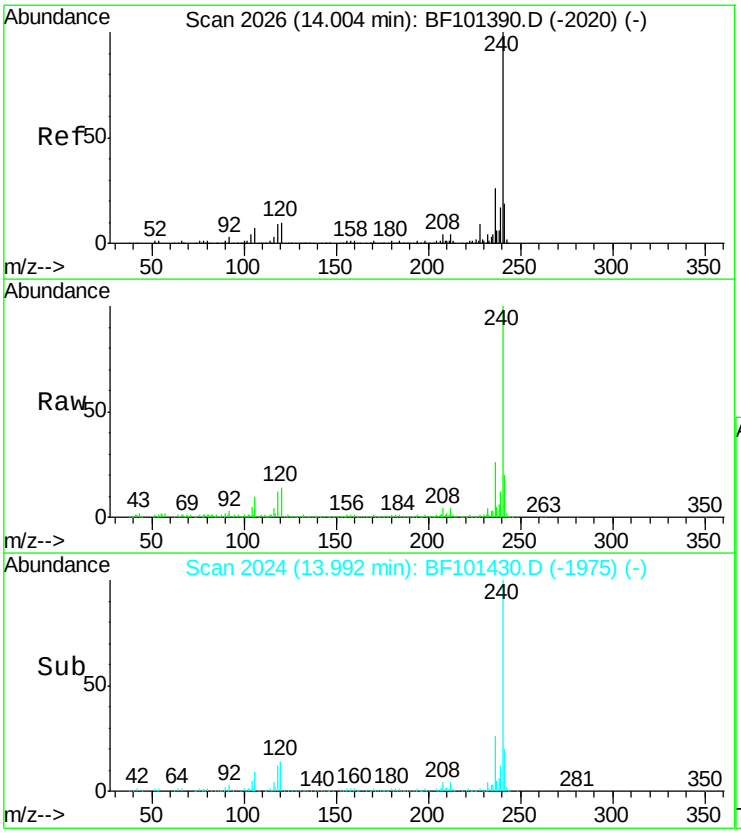
#71
Anthracene
Concen: 13.623 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.05 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 343123

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	18.7	12.6	19.0

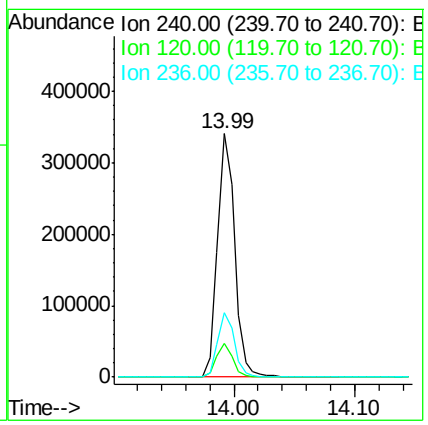


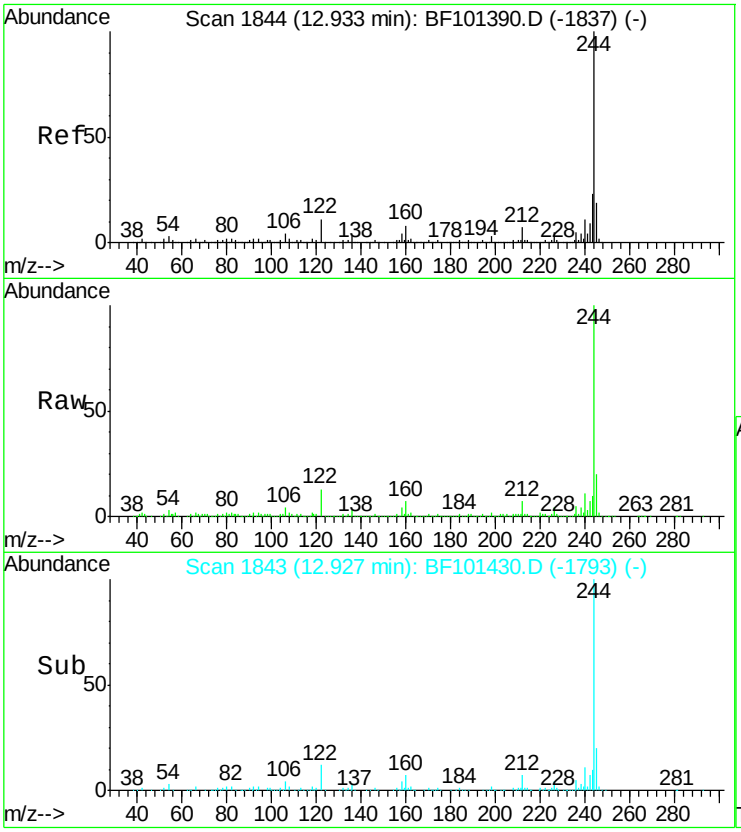


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:240 Resp: 331843

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.2	20.7	31.1



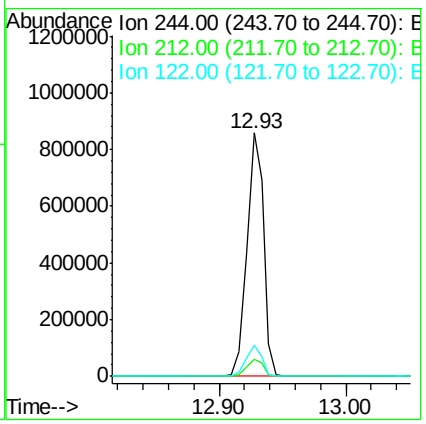


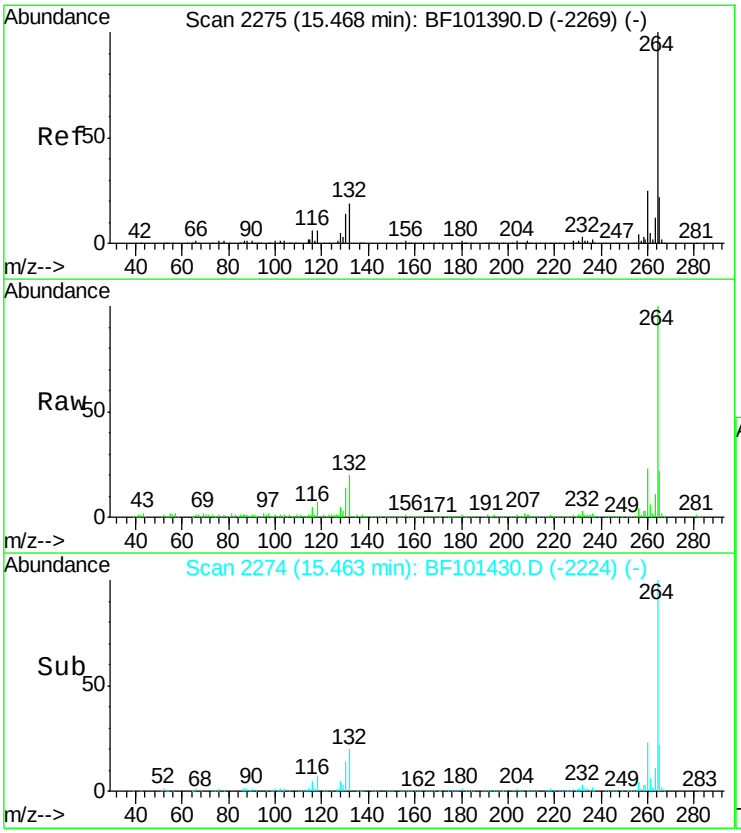
#78
Terphenyl-d14
Concen: 56.780 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 781572

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101430.D
Acq: 15 Dec 2017 8:18

Tgt Ion:264 Resp: 328220

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3