Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 08:33:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42524	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	152847	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	60291	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	107383	20.00	ng		0.00
75) Chrysene-d12	14.02	240	80893	20.00	ng		0.01
86) Perylene-d12	15.50	264	65345	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	129082	50.16	ng		0.00
7) Phenol-d6	6.46	99	150244	48.09	ng		0.00
23) Nitrobenzene-d5	7.39	82	79253	30.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	29567	40.82	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	172382	39.12	ng		0.00
78) Terphenyl-d14	12.94	244	151967	41.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	9965	4.736	ng	#	88
25) Isophorone	7.39	82	79253	18.108	ng	#	64
31) Naphthalene	8.13	128	20167	2.677	ng		100
48) Acenaphthylene	9.73	152	132289	20.520	ng		98
49) Dimethylphthalate	9.57	163	15455	3.179	ng		98
50) 2,6-Dinitrotoluene	9.86	165	8085	7.895	ng	#	24
51) Acenaphthene	9.90	154	9521	2.466	ng		97
54) Dibenzofuran	10.07	168	11826	2.126	ng	#	97
55) 4-Nitrophenol	10.07	139	4440	5.716	ng	#	9
57) Fluorene	10.42	166	16926	3.743	ng		97
70) Phenanthrene	11.39	178	337715	57.109	ng		98
71) Anthracene	11.43	178	112871	18.859	ng		99
72) Carbazole	11.59	167	42283	7.732	ng		99
74) Fluoranthene	12.59	202	853443	130.196	ng		93
77) Pyrene	12.82	202	811117	145.313	ng		99
80) Benzo(a)anthracene	14.01	228	387590	75.887	ng		94
82) Chrysene	14.04	228	386917	81.570	ng		97
83) Bis(2-ethylhexyl)phthalate	13.97	149	16371	4.665	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	206703	49.016	ng	#	86
87) Benzo(b)fluoranthene	15.07	252	584941	149.449	ng		97
88) Benzo(k)fluoranthene	15.07	252	584941	151.690	ng		97
89) Benzo(a)pyrene	15.44	252	298580	83.911	ng		96
90) Dibenzo(a,h)anthracene	17.16	278	38427	12.250	ng		94
91) Benzo(g,h,i)perylene	17.46	276	205651	69.563	ng	#	91

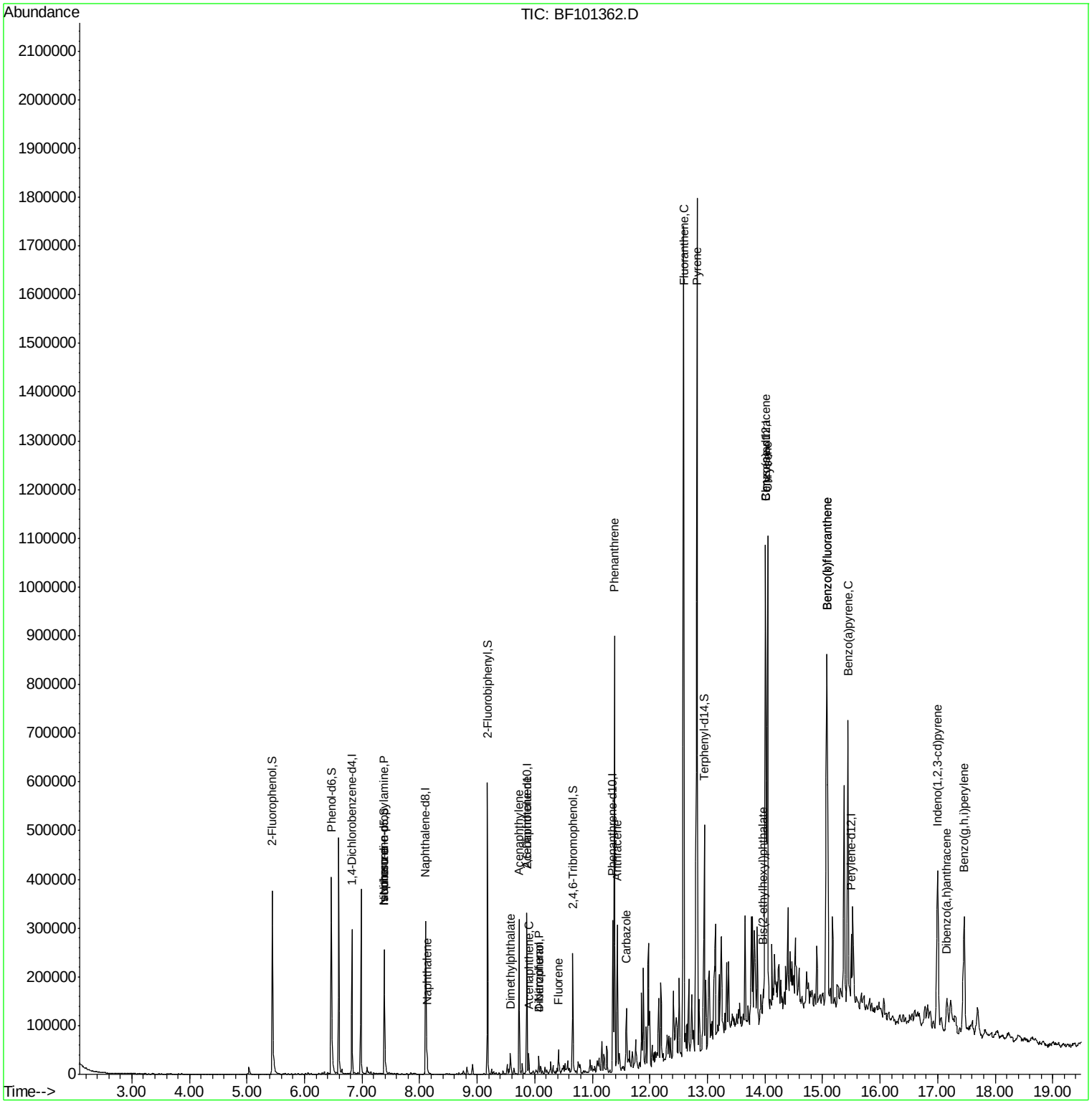
(#) = qualifier out of range (m) = manual integration (+) = signals summed

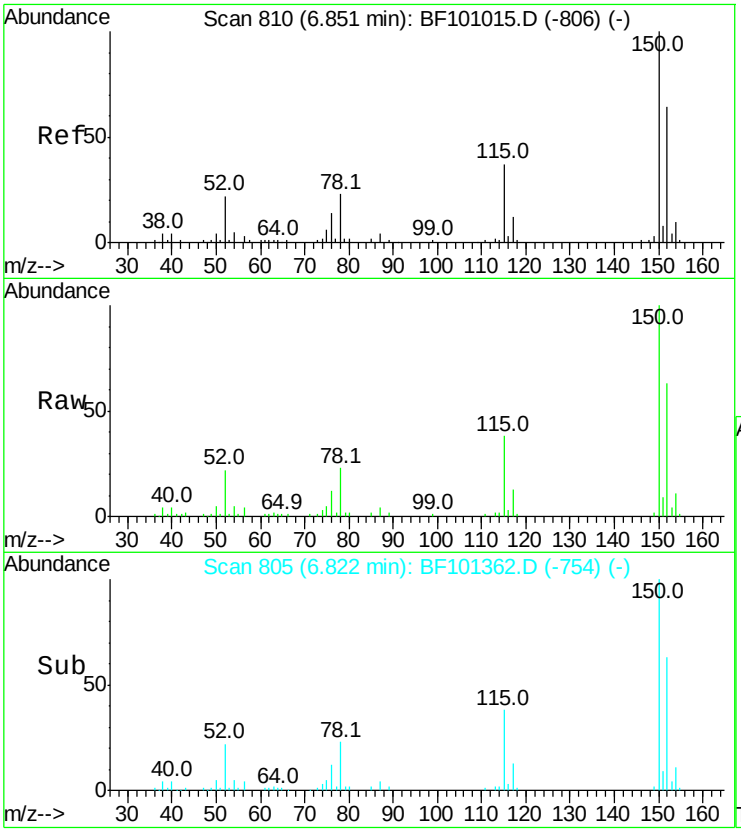
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 08:33:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



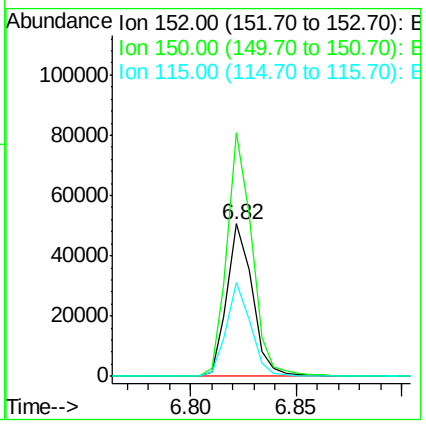


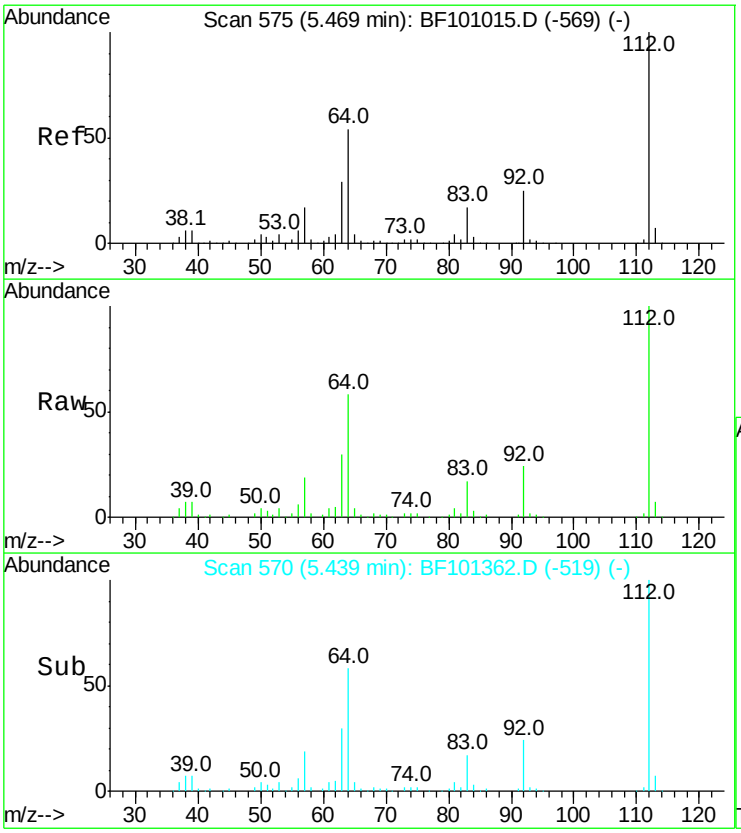
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42524

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	61.3	50.1	75.1

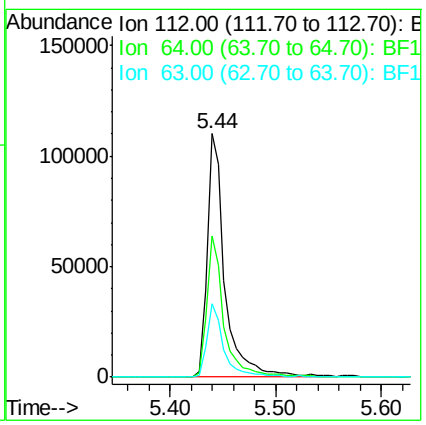


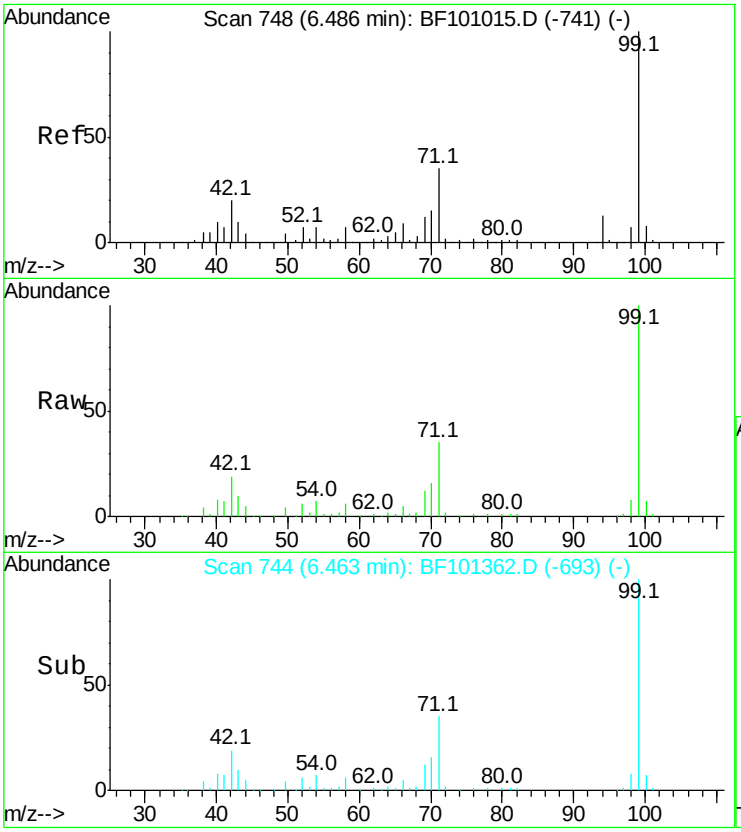


#5
2-Fluorophenol
Concen: 50.160 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:112 Resp: 129082

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.1	23.7	35.5



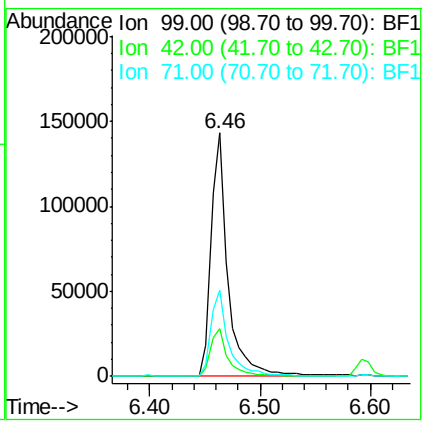


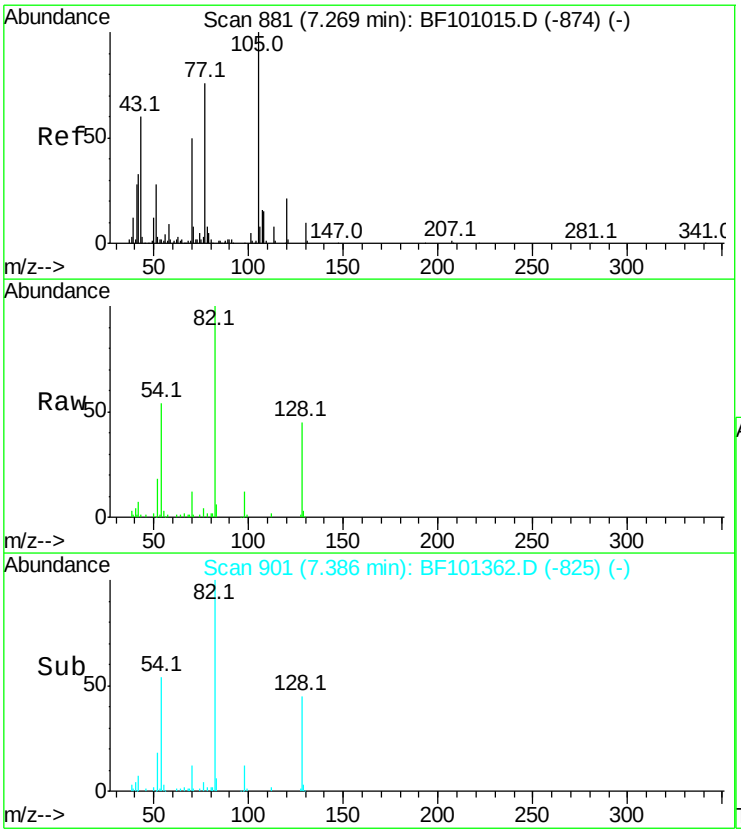
#7
Phenol-d6
Concen: 48.088 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 150244

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	35.3	25.4	38.0

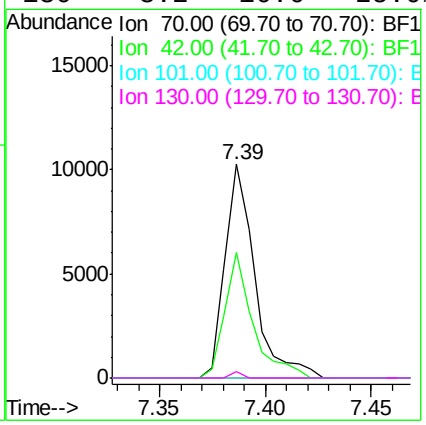


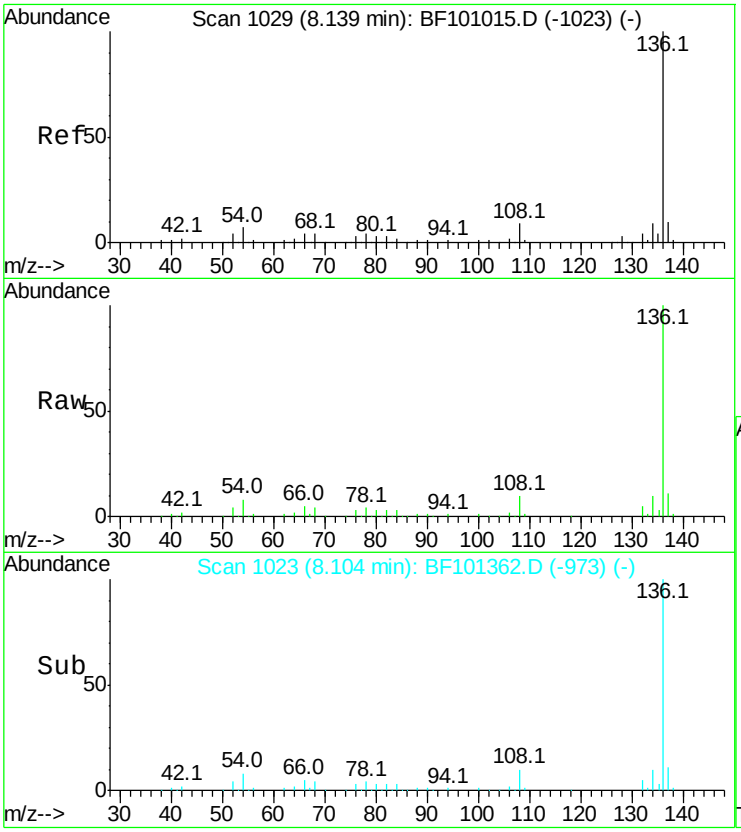


#19
n-Nitroso-di-n-propylamine
Concen: 4.736 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion: 70 Resp: 9965

Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.5	71.3
101	0.0	7.4	11.2#
130	3.2	16.6	25.0#



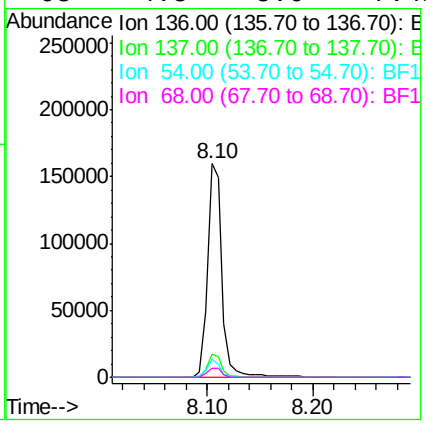


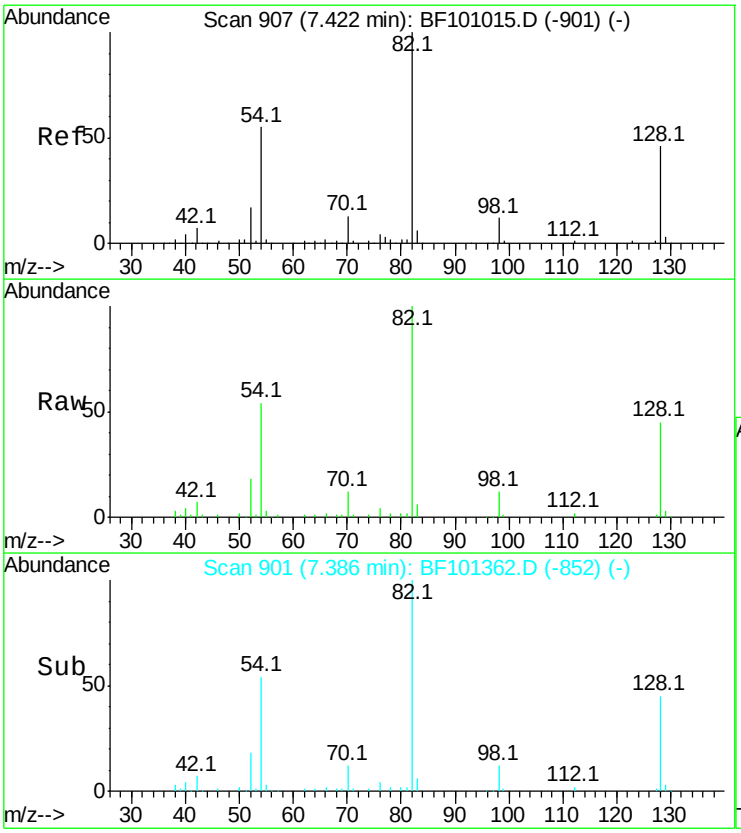
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 152847

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.1	6.6	9.8
68	4.5	5.0	7.4#

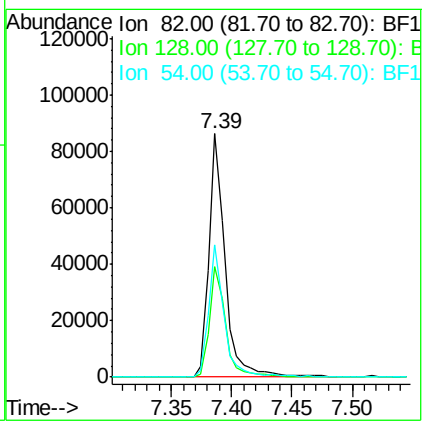


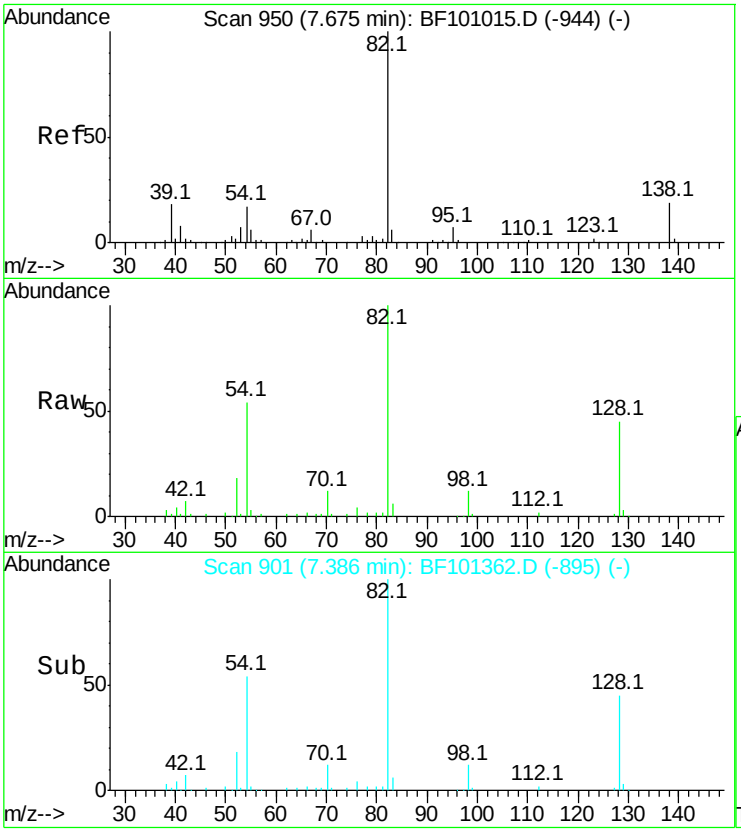


#23
Nitrobenzene-d5
Concen: 30.931 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion: 82 Resp: 79253

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.1	41.4	62.2



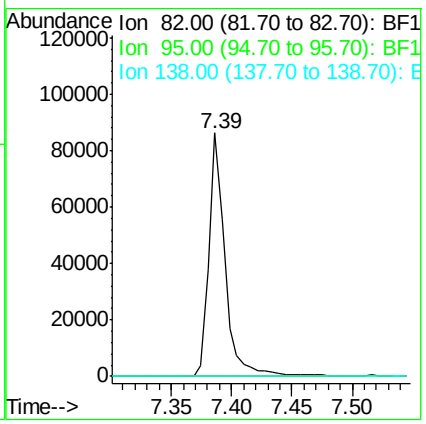


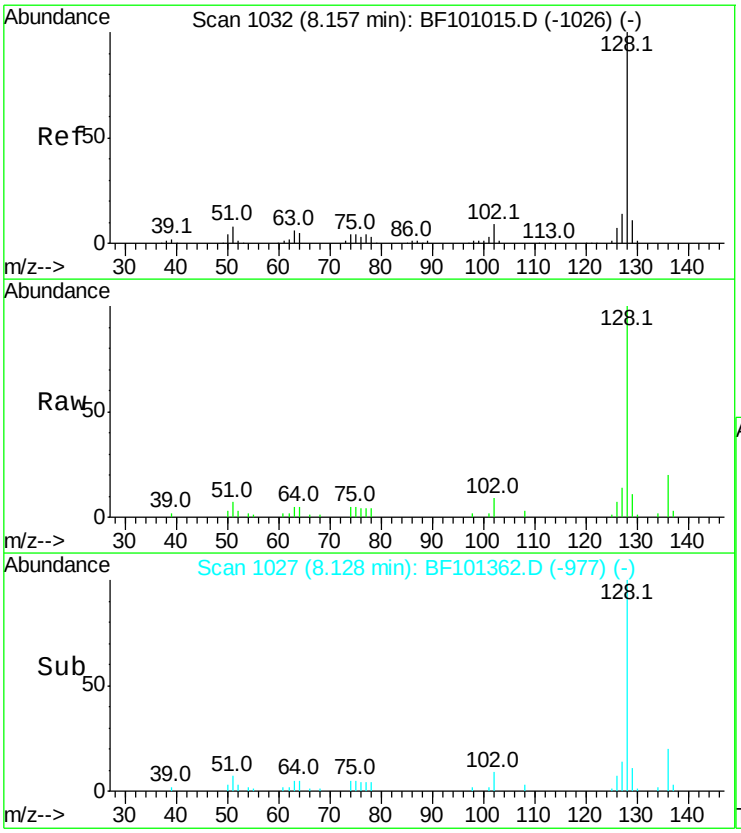
#25
Isophorone
Concen: 18.108 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 79253

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

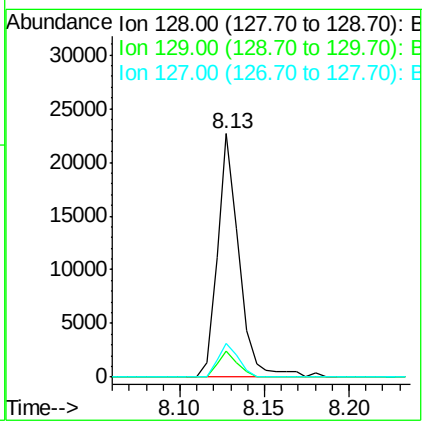


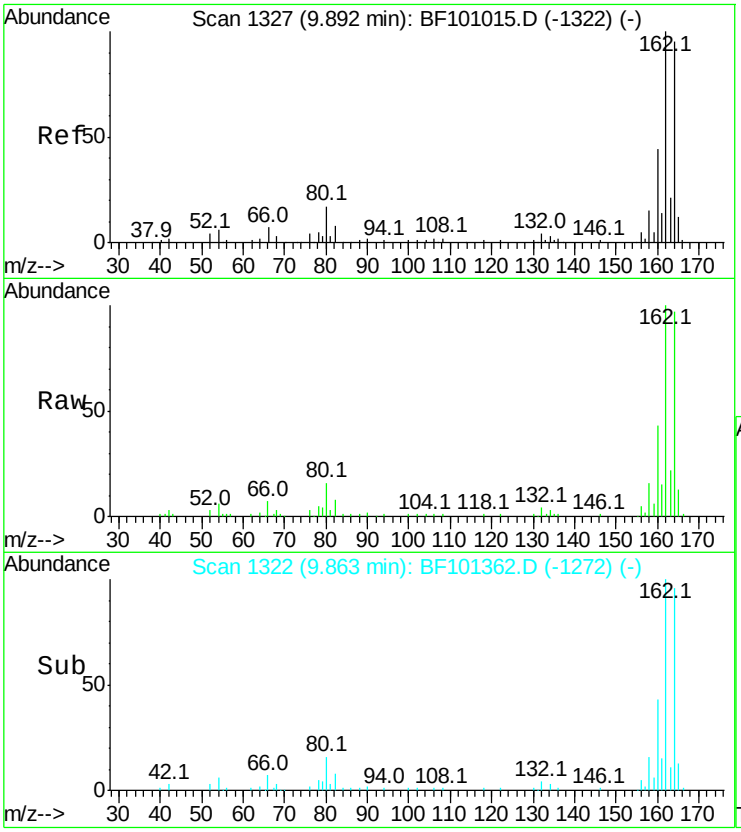


#31
Naphthalene
Concen: 2.677 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:128 Resp: 20167

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.6	10.9	16.3



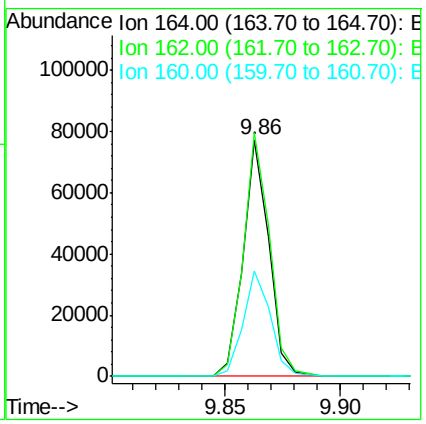


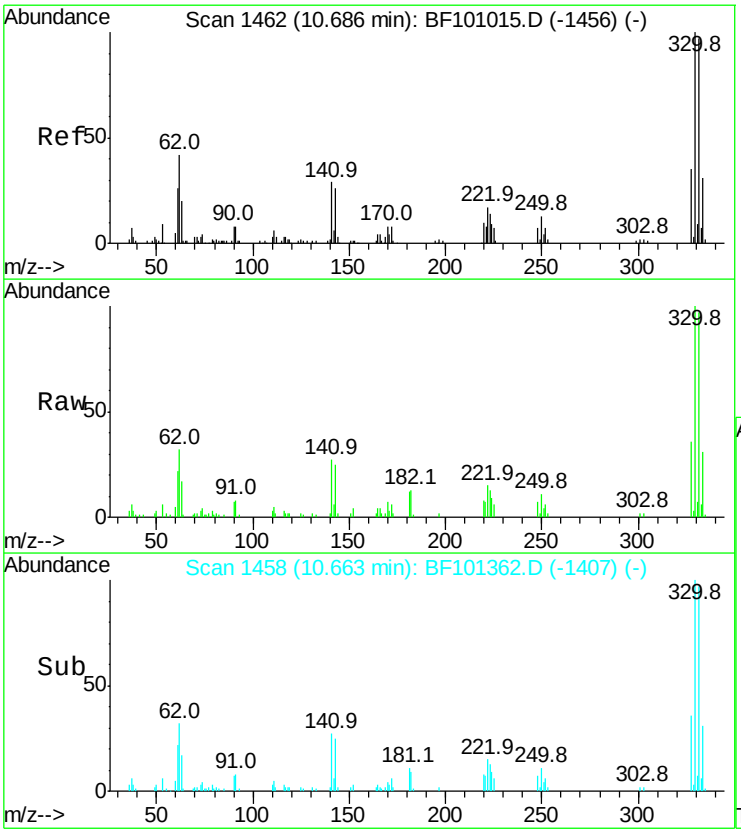
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 60291

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.8	38.3	57.5

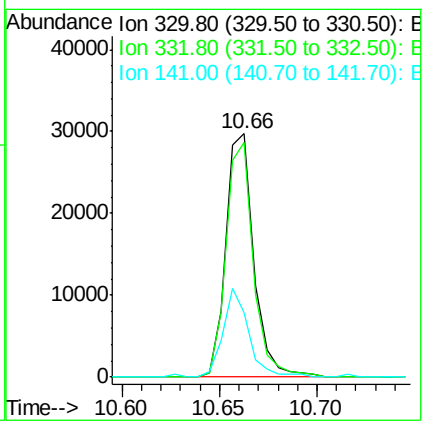


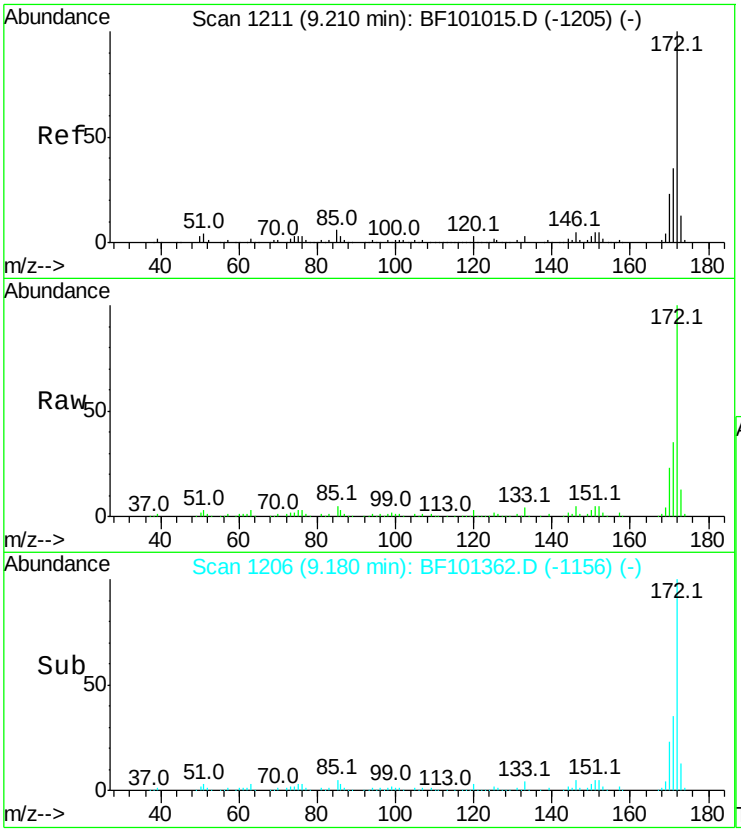


#41
2,4,6-Tribromophenol
Concen: 40.823 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:330 Resp: 29567

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.6	29.9	44.9

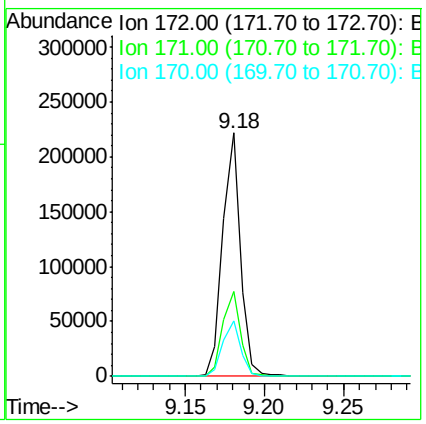




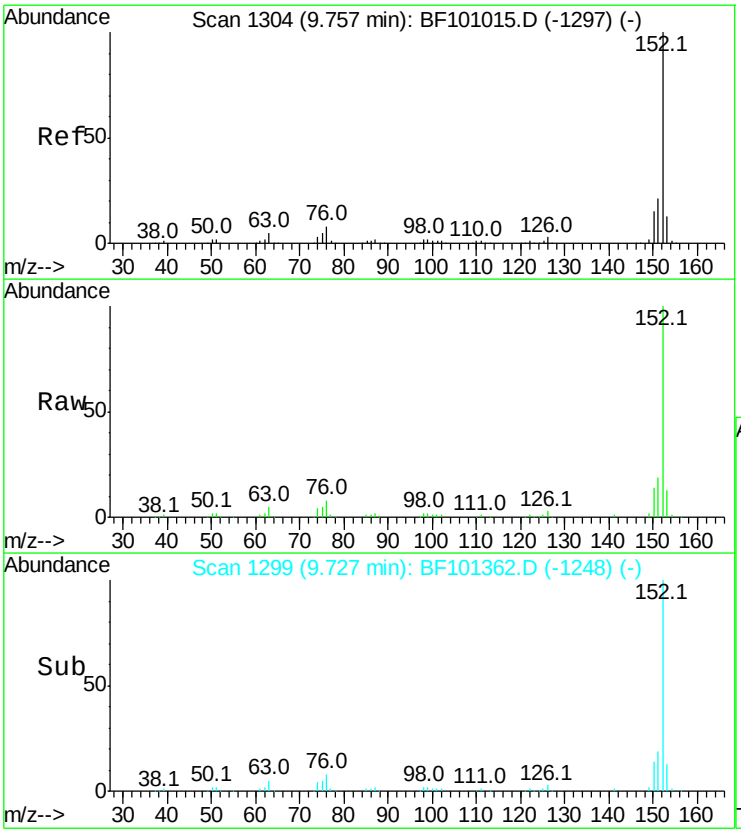
#44
2-Fluorobiphenyl
Concen: 39.119 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:172 Resp: 172382

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.8	19.6	29.4



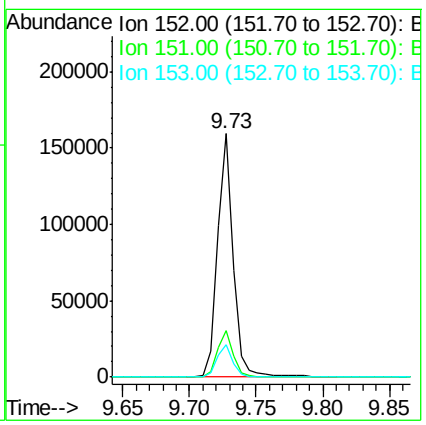
Instrument :
BNA_F
ClientSampleId :

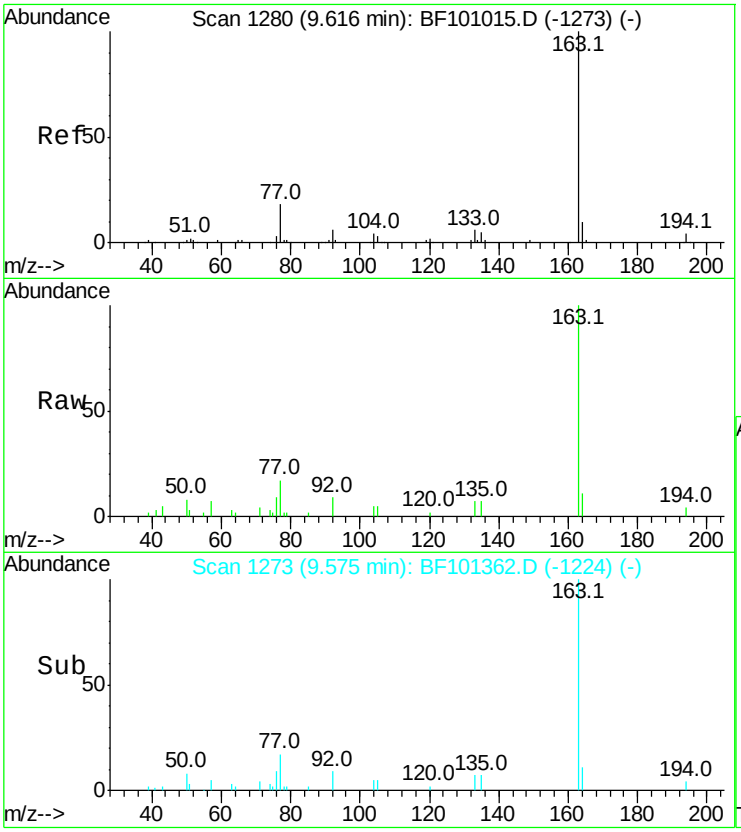


#48
Acenaphthylene
Concen: 20.520 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:152 Resp: 132289

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.3	10.7	16.1



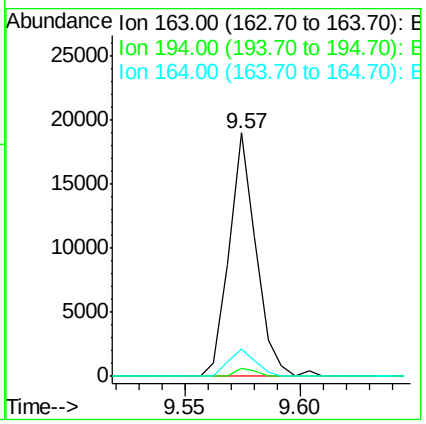


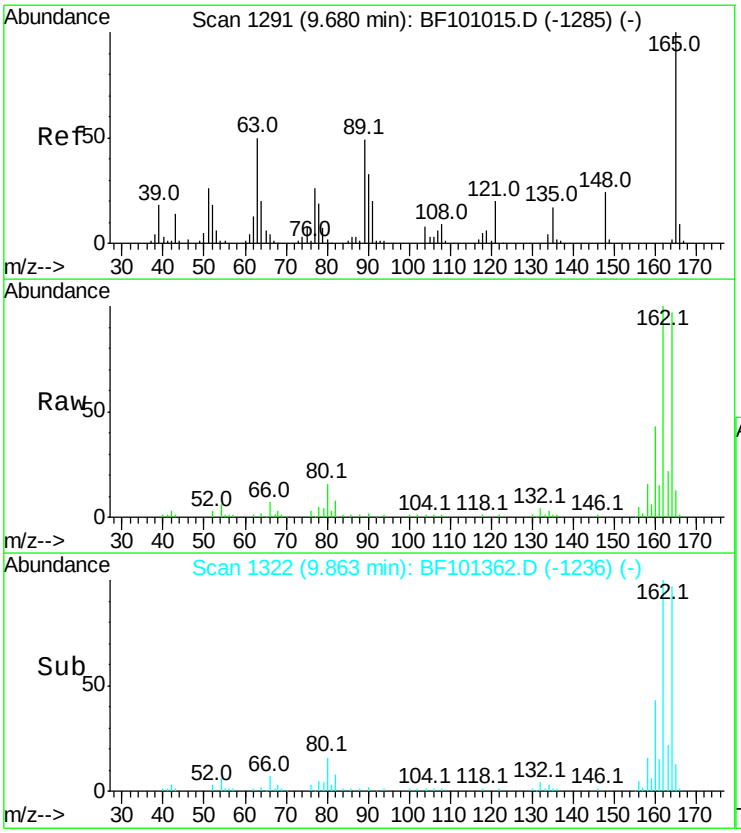
#49
Dimethylphthalate
Concen: 3.179 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 15455

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.3	8.2	12.2

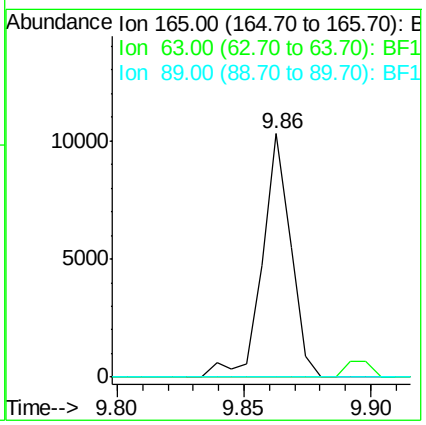


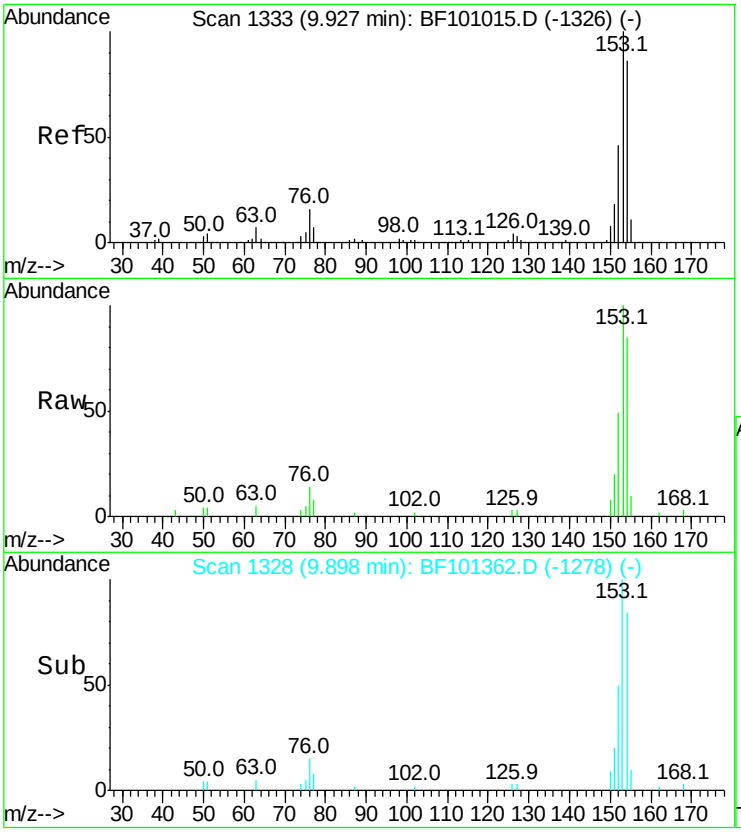


#50
2,6-Dinitrotoluene
Concen: 7.895 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:165 Resp: 8085

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



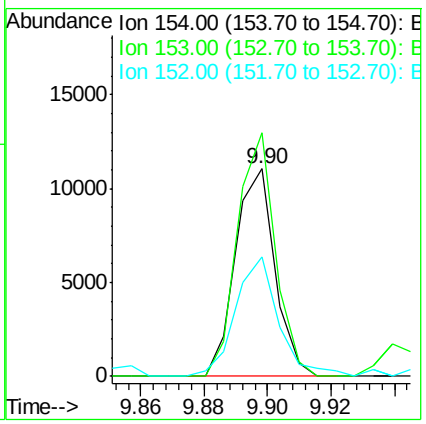


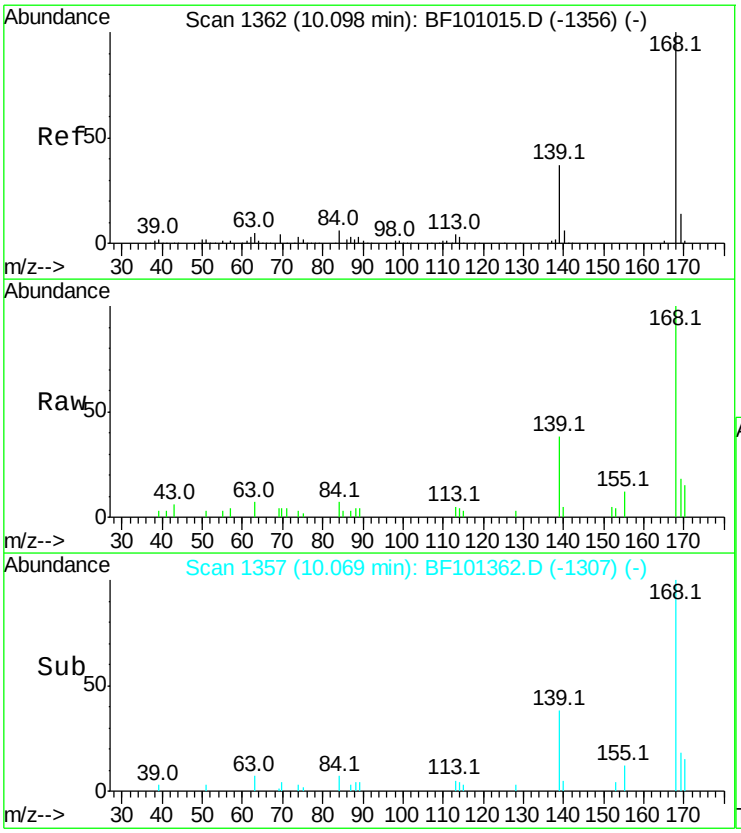
#51
Acenaphthene
Concen: 2.466 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9521

Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.2	136.8
152	57.8	43.8	65.8

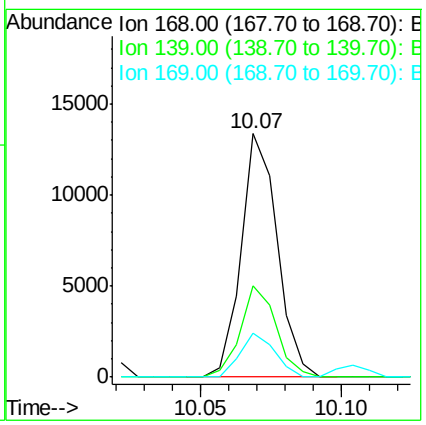


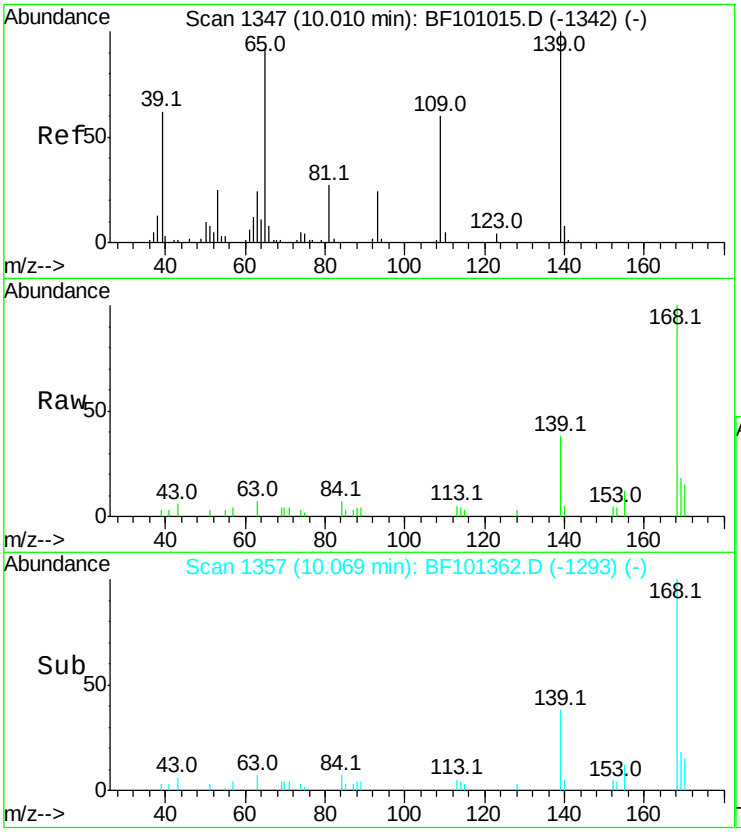


#54
Dibenzofuran
Concen: 2.126 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:168 Resp: 11826

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	18.1	10.9	16.3#



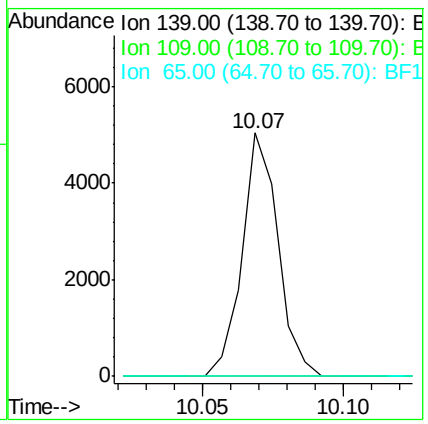


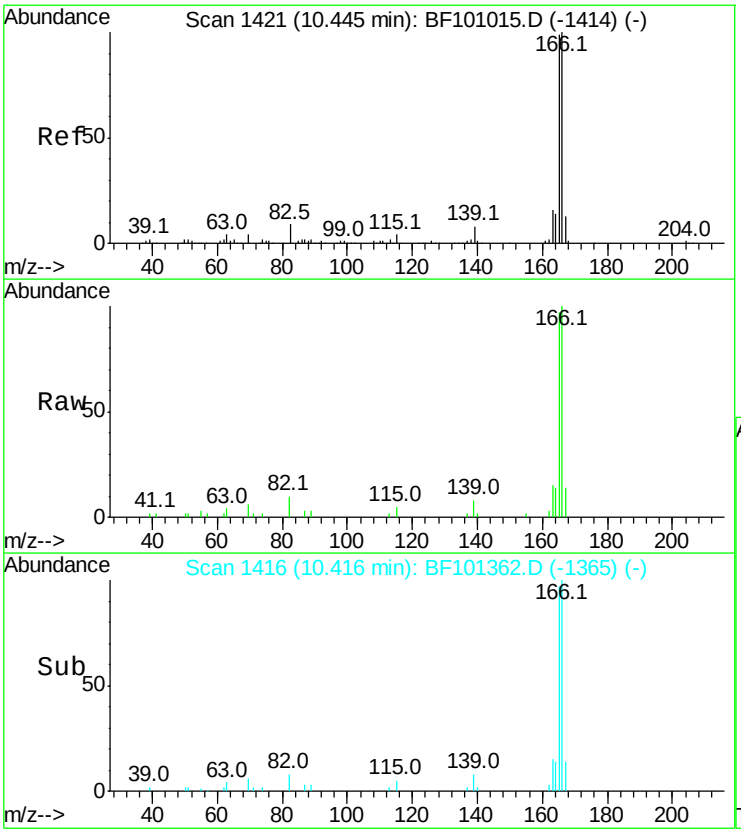
#55
4-Nitrophenol
Concen: 5.716 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.08 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4440

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

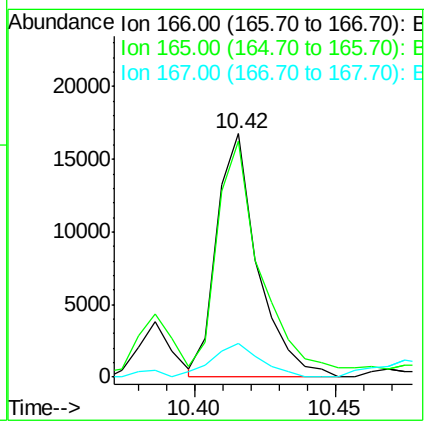


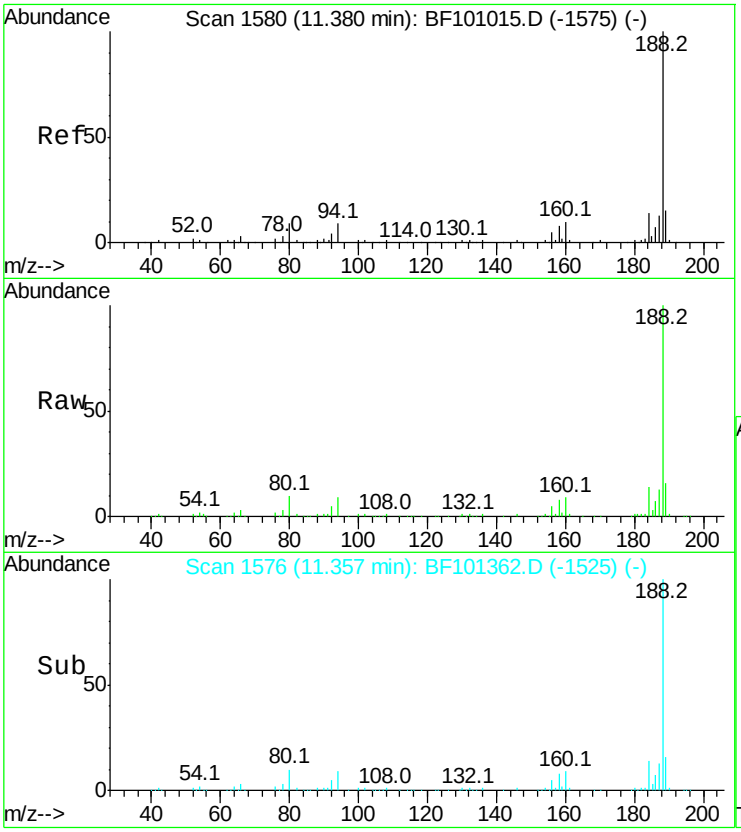


#57
Fluorene
Concen: 3.743 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:166 Resp: 16926

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.8
167	13.9	10.6	16.0



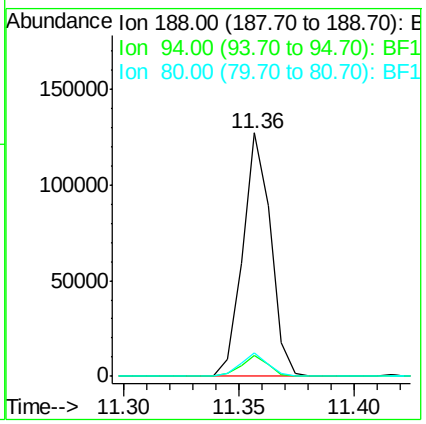


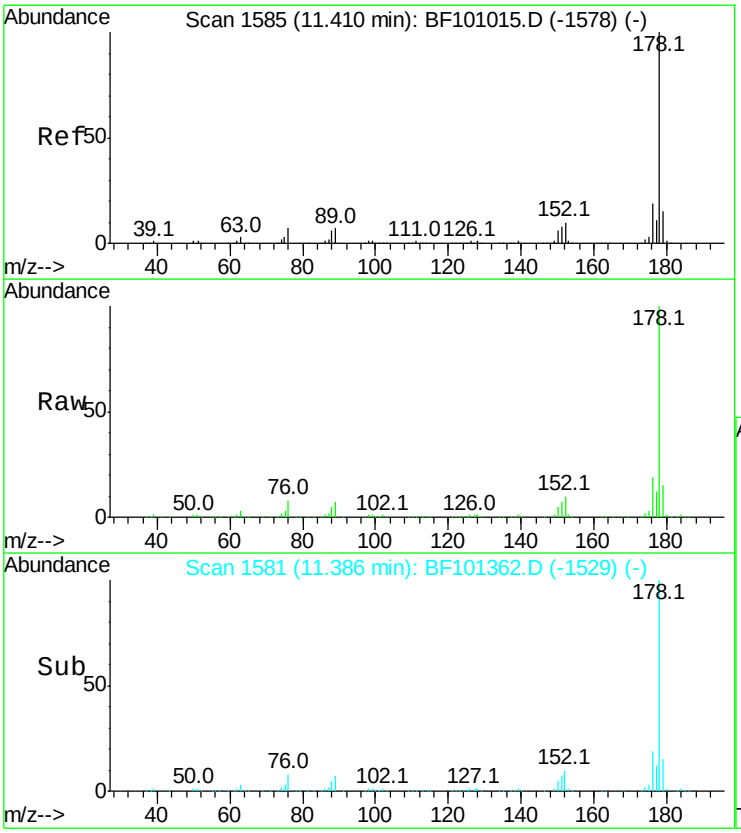
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 107383

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.8	9.2	13.8

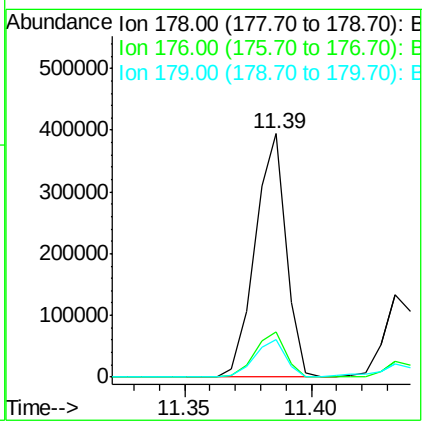


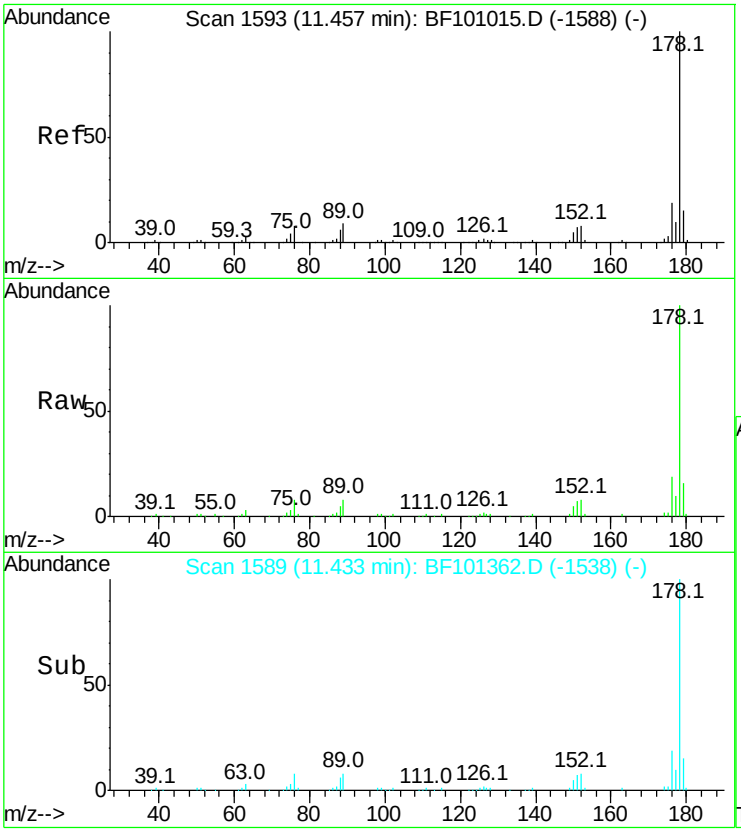


#70
Phenanthrene
Concen: 57.109 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:178 Resp: 337715

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	13.0	19.6



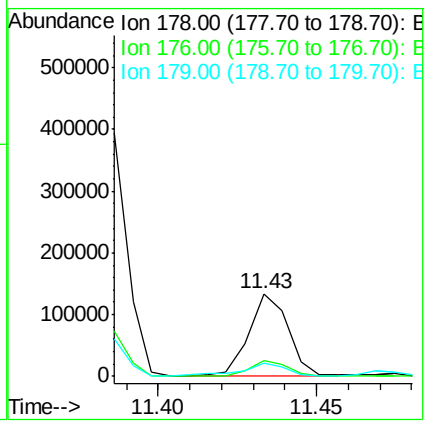


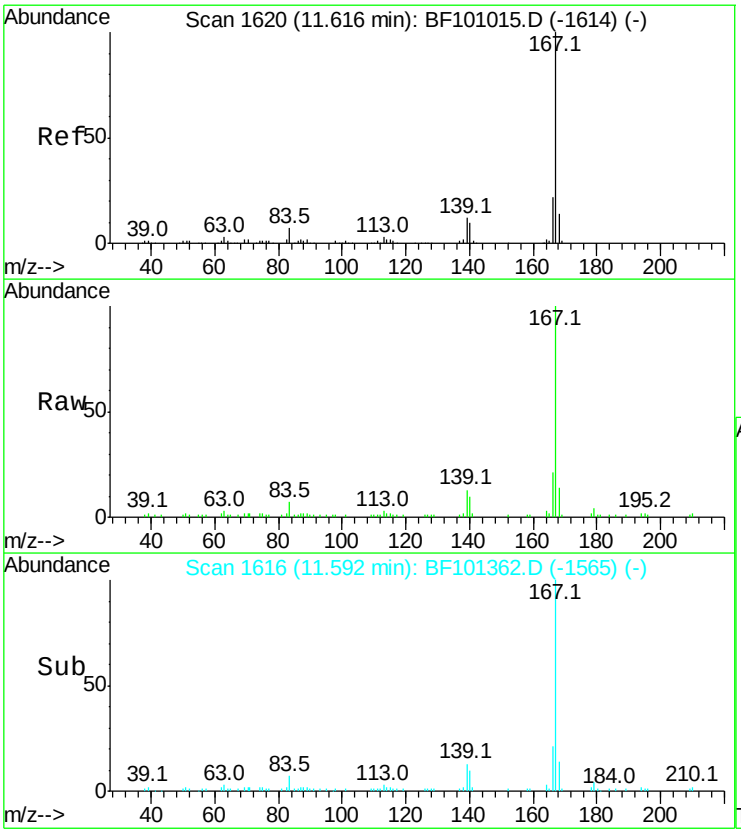
#71
Anthracene
Concen: 18.859 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 112871

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

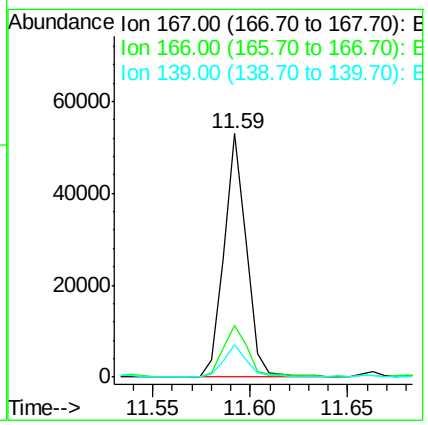


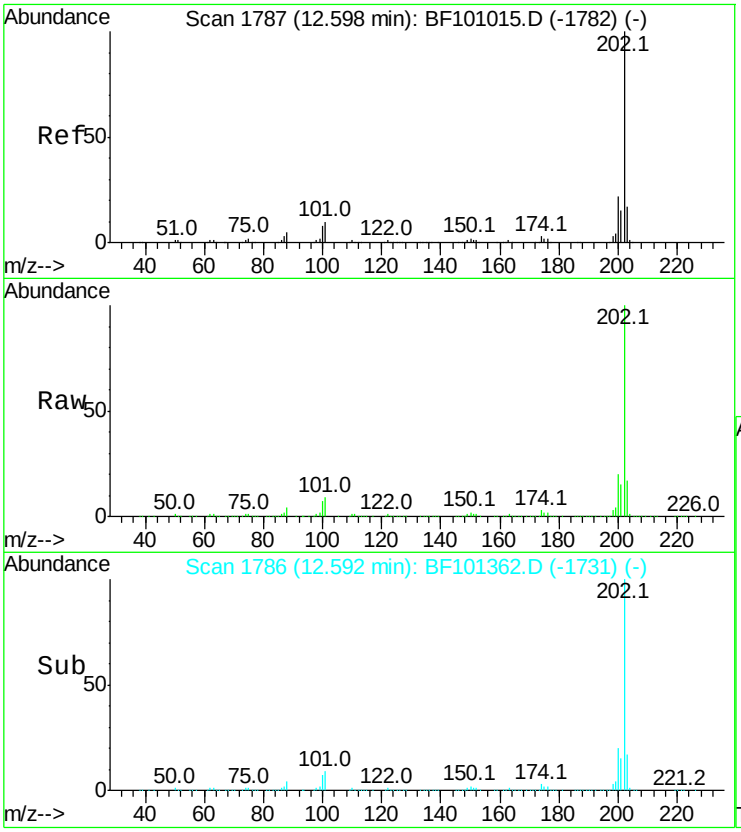


#72
Carbazole
Concen: 7.732 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:167 Resp: 42283

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.2	10.9	16.3



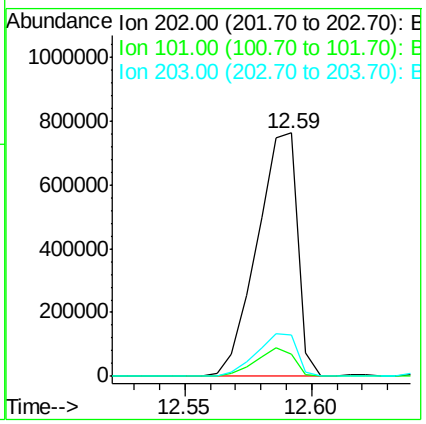


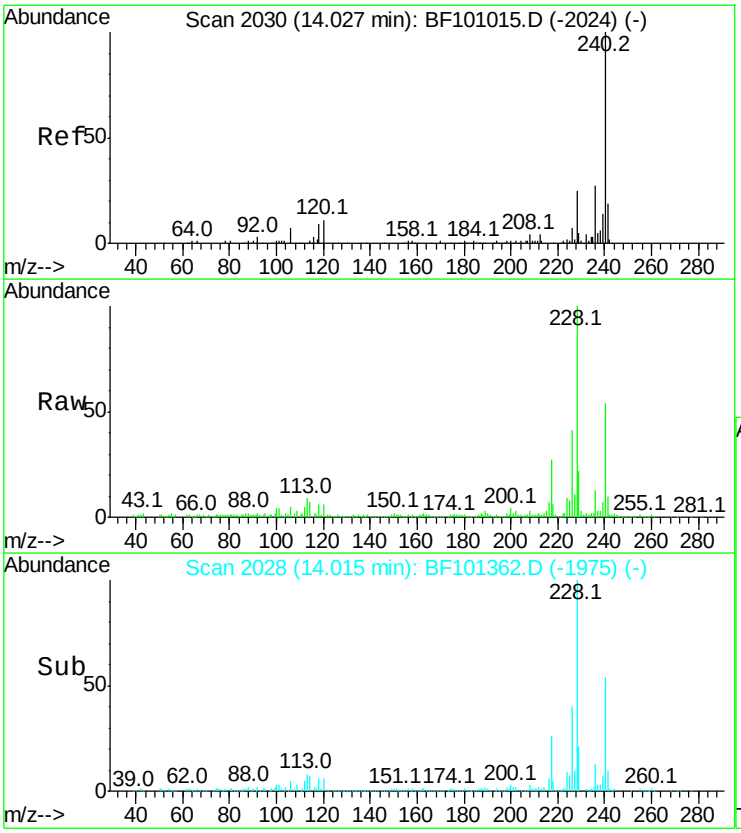
#74
Fluoranthene
Concen: 130.196 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.02 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 853443

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	16.8	0.0	38.1

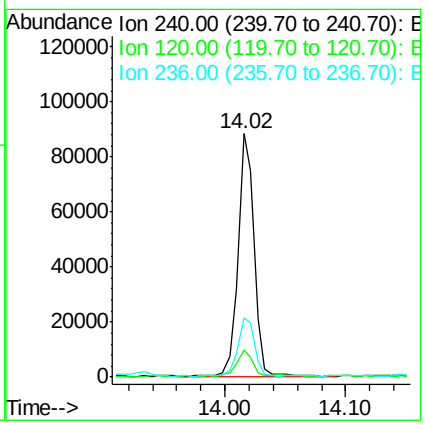


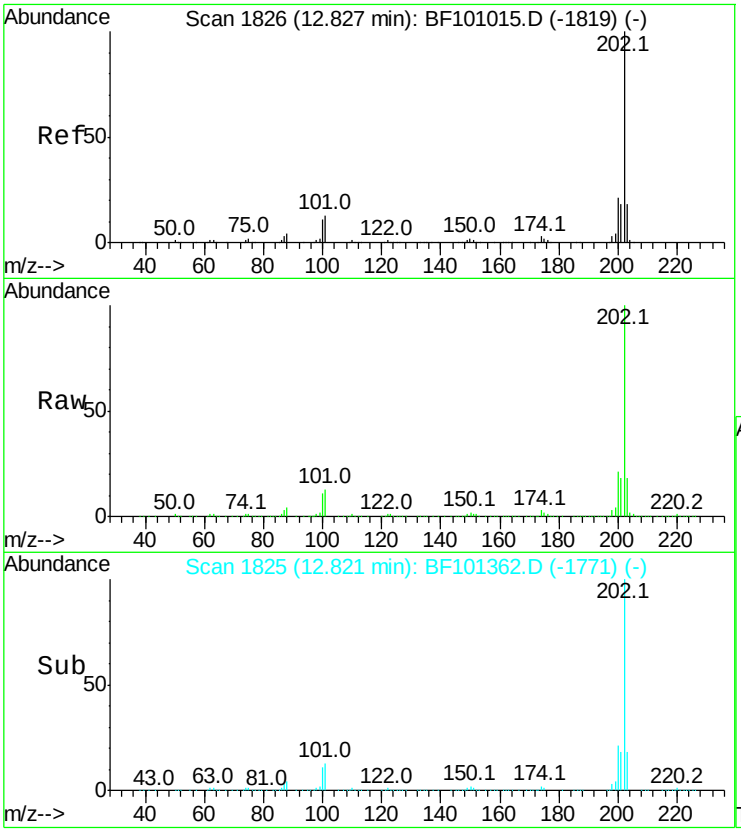


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:240 Resp: 80893

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	24.6	20.7	31.1



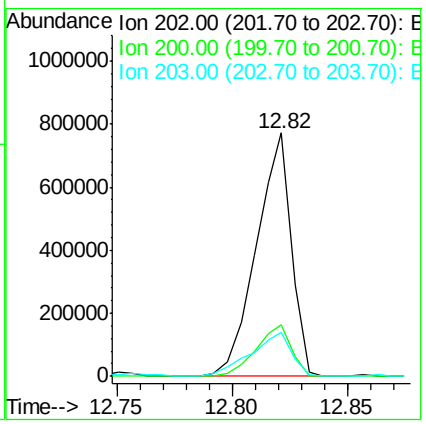


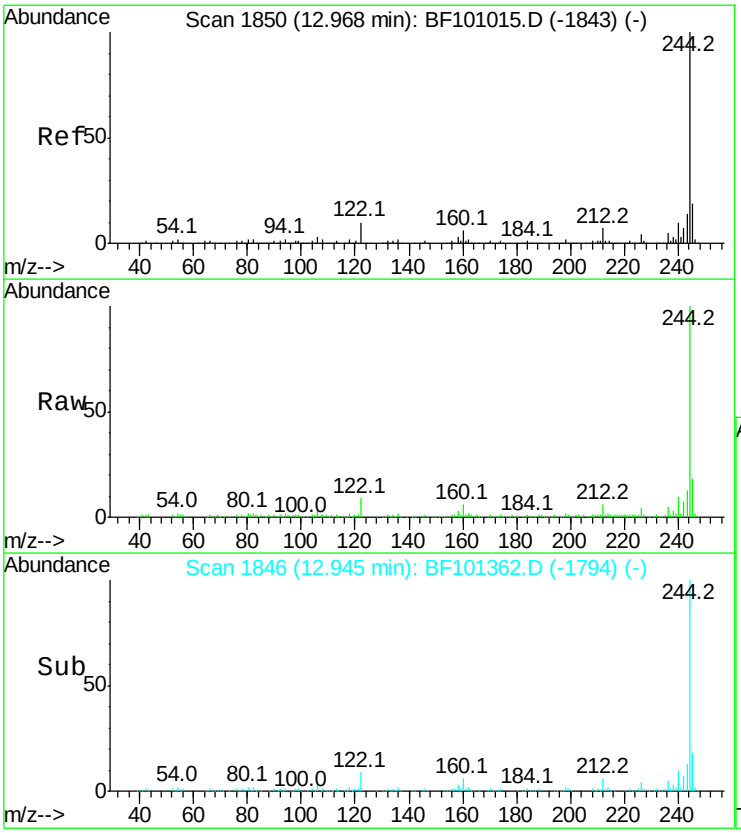
#77
Pyrene
Concen: 145.313 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 811117

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5

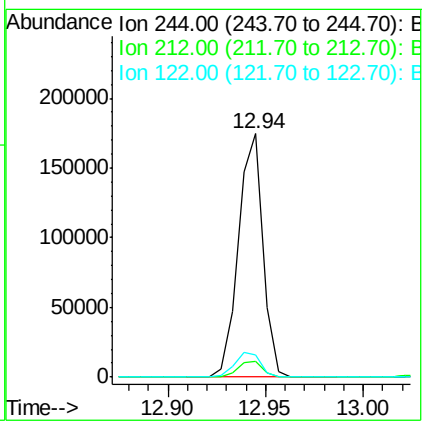


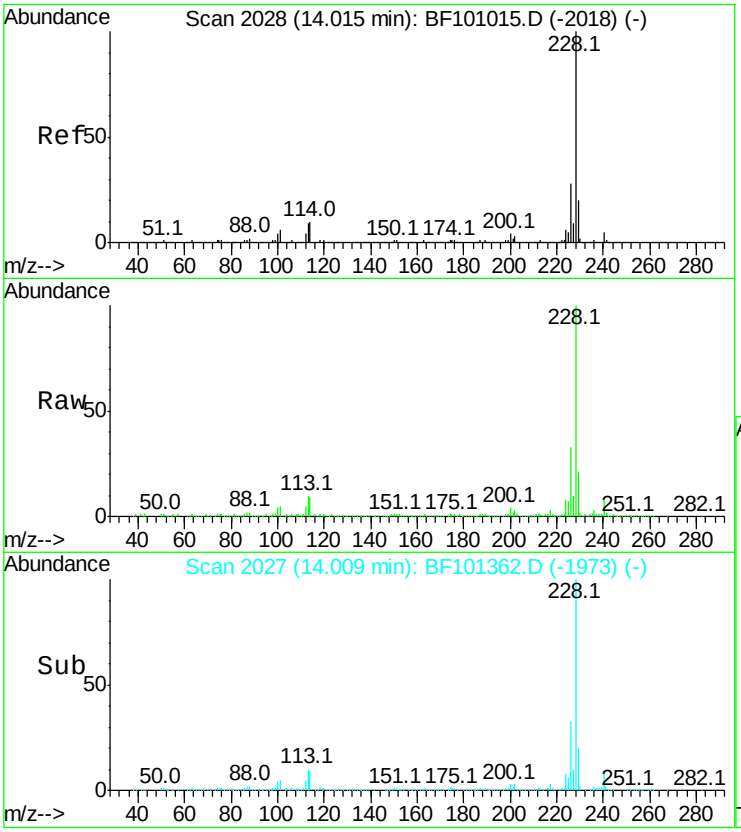


#78
Terphenyl-d14
Concen: 41.090 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:244 Resp: 151967

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.9	11.0	16.4#



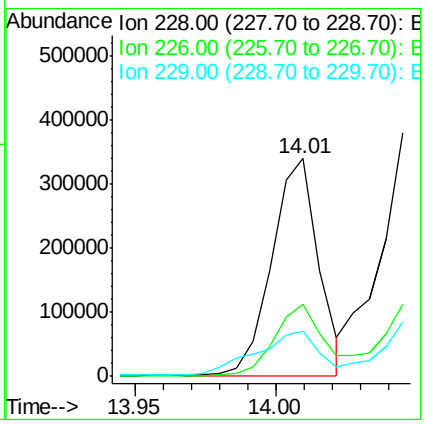


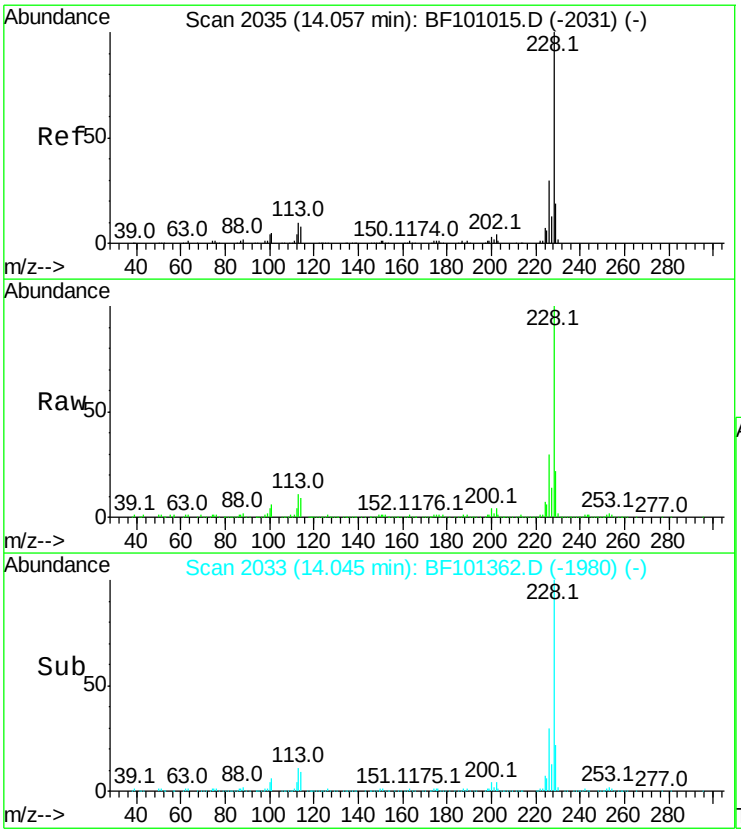
#80
Benzo(a)anthracene
Concen: 75.887 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 387590

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	20.7	15.8	23.6

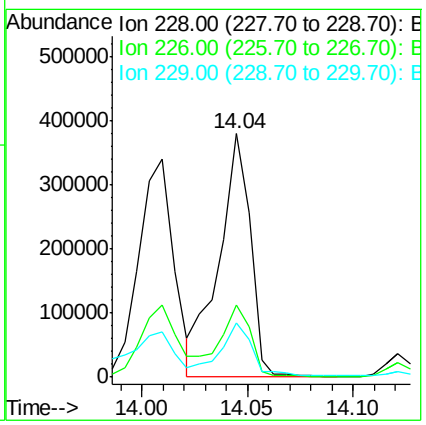


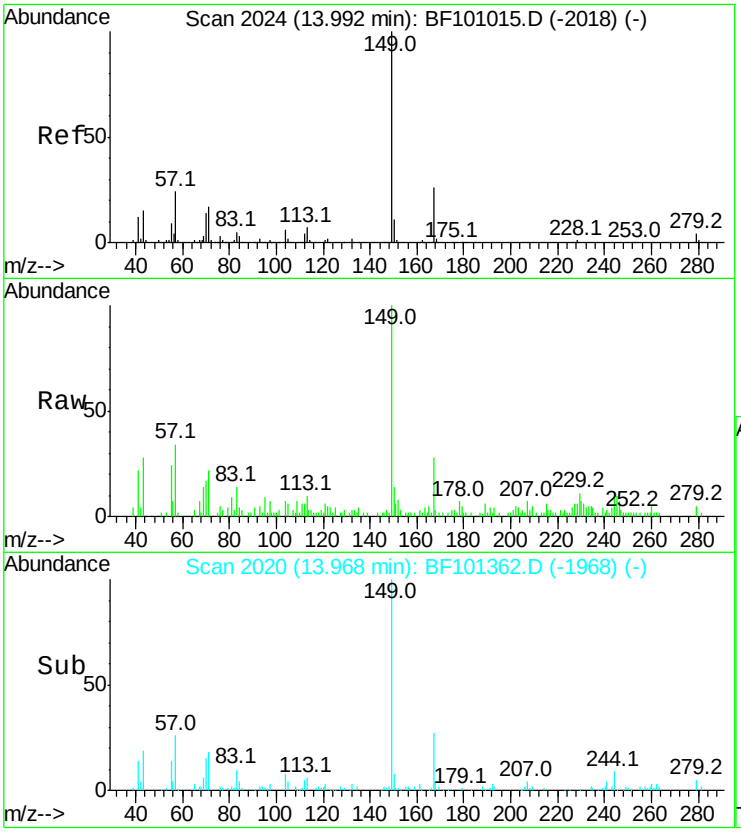


#82
Chrysene
Concen: 81.570 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:228 Resp: 386917

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.2	16.2	24.4



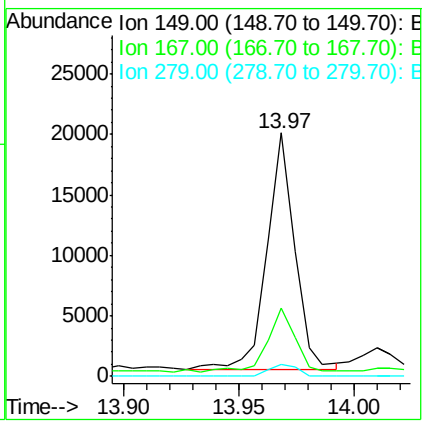


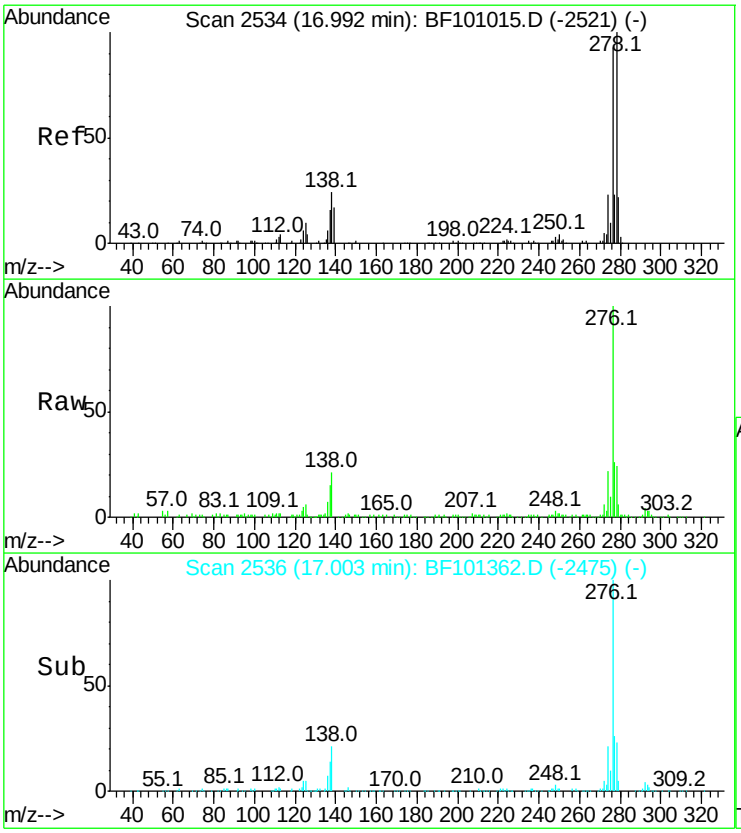
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.665 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16371

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	5.0	3.0	4.4#

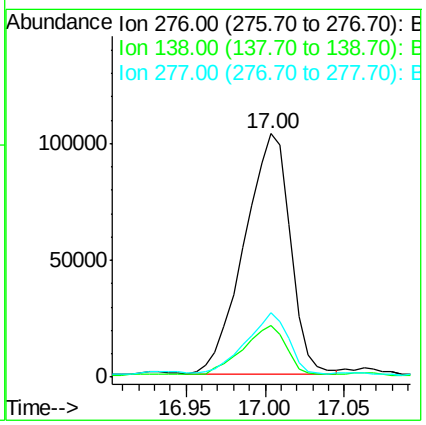


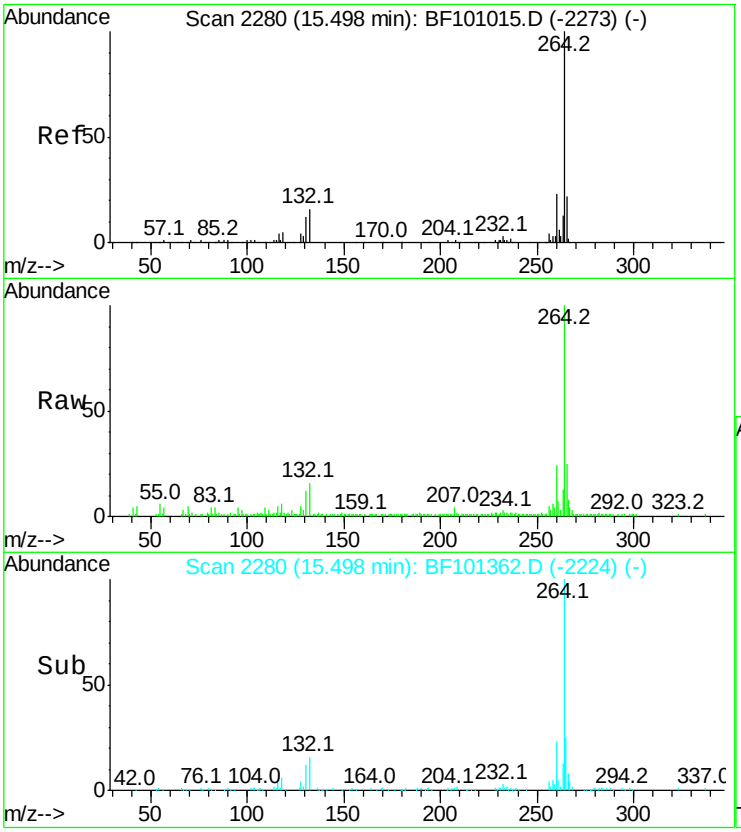


#85
Indeno(1,2,3-cd)pyrene
Concen: 49.016 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.06 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:276 Resp: 206703

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	23.4	20.1	30.1



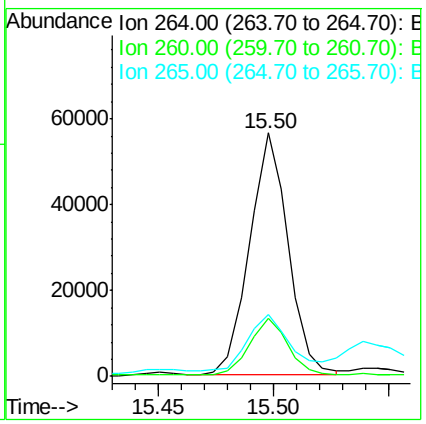


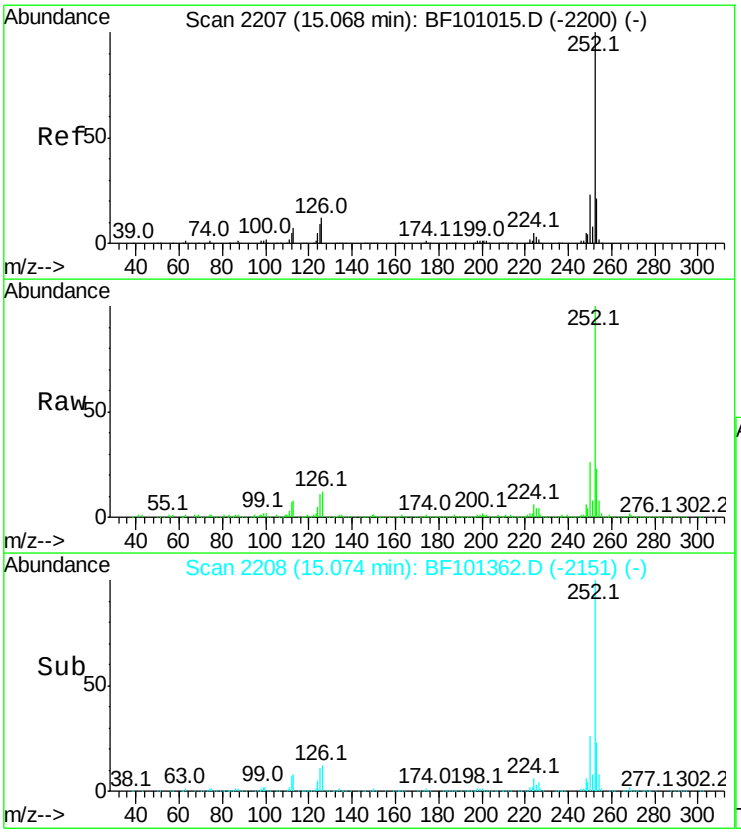
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 65345

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	25.3	17.5	26.3

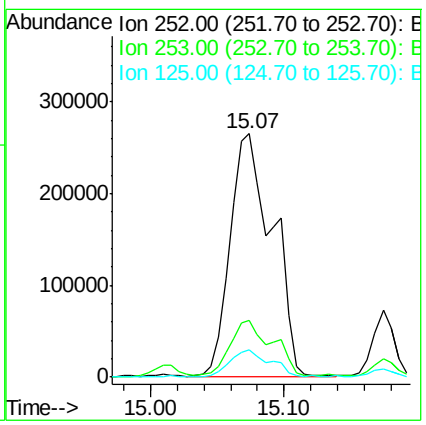


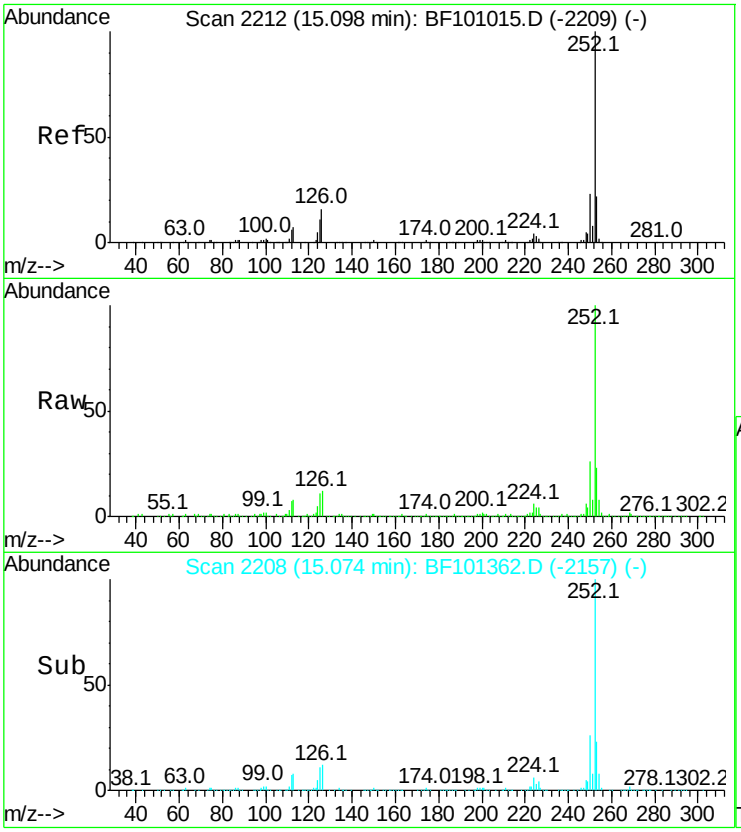


#87
Benzo(b)fluoranthene
Concen: 149.449 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:252 Resp: 584941

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	11.3	9.0	13.6



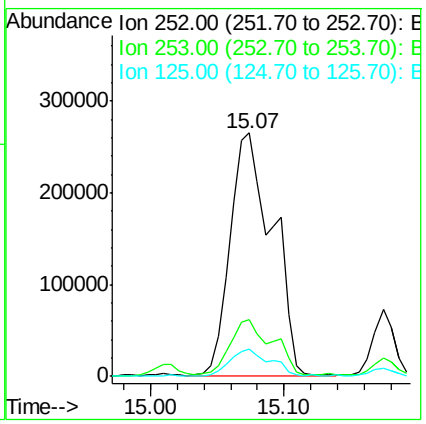


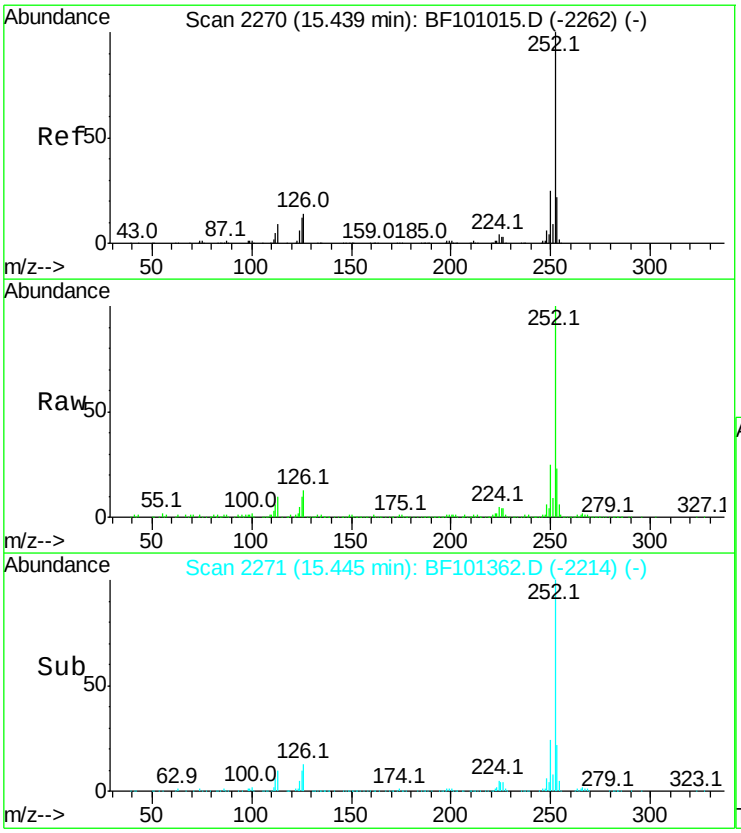
#88
Benzo(k)fluoranthene
Concen: 151.690 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 584941

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.3	10.2	15.2

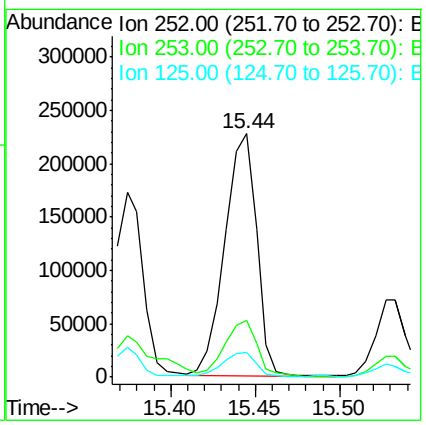


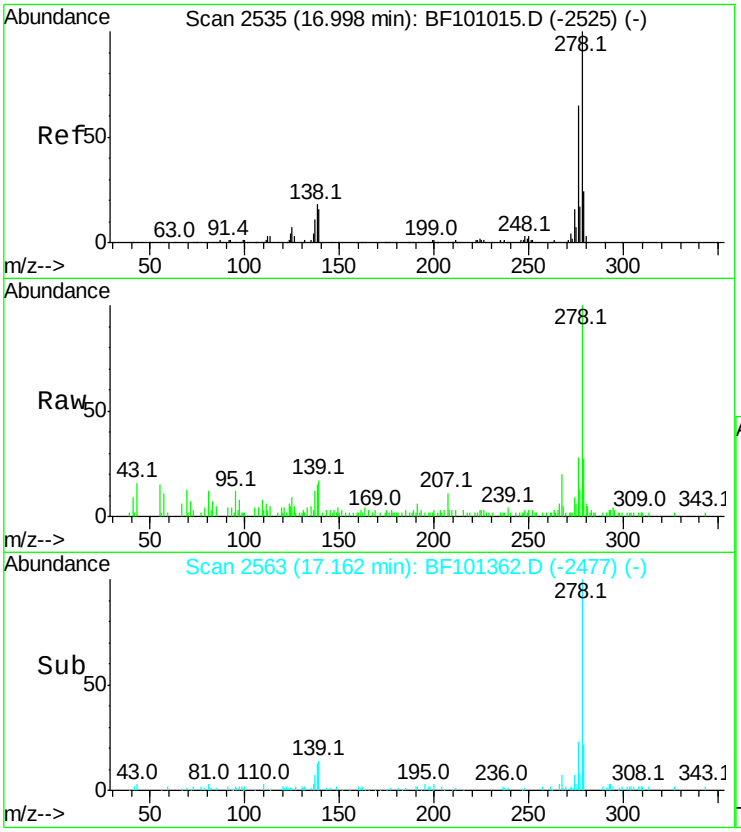


#89
Benzo(a)pyrene
Concen: 83.911 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.04 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:252 Resp: 298580

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.4	9.8	14.6



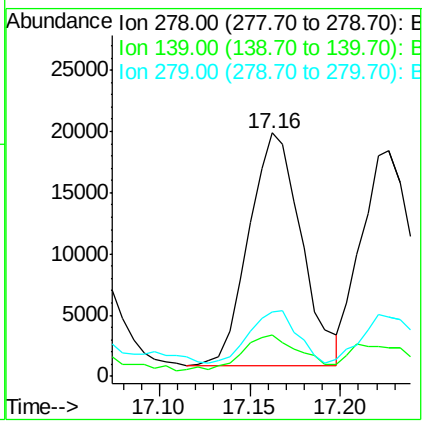


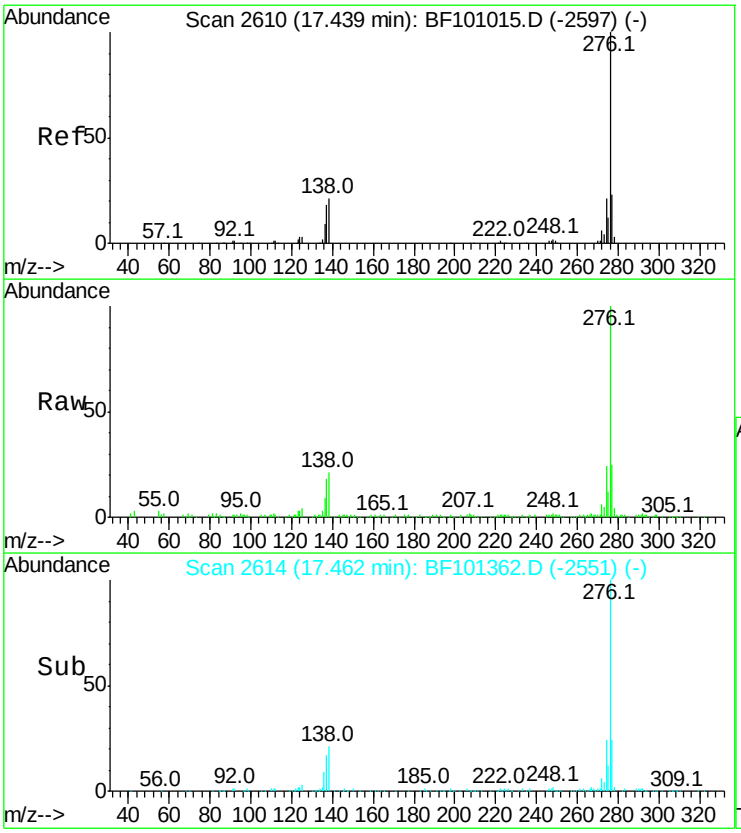
#90
Dibenzo(a,h)anthracene
Concen: 12.250 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.21 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 38427

Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	26.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 69.563 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.07 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:276 Resp: 205651

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	21.0	21.8	32.8#