Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101297.D
Acq On : 11 Dec 2017 18:43
Operator : SJ/JU
Sample : I6813-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 11 23:43:54 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	6.83	152	43129	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	169481	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	73841	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	116734	20.00	ng		0.00
75) Chrysene-d12	14.02	240	90442	20.00	ng		0.02
86) Perylene-d12	15.50	264	76529	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	306118	117.29	ng		0.02
7) Phenol-d6	6.47	99	370080	116.79	ng		0.01
23) Nitrobenzene-d5	7.40	82	218005	76.73	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	72603	81.85	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	421930	78.18	ng		0.00
78) Terphenyl-d14	12.95	244	279863	67.68	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.48	94	12509	3.550	ng	#	57
19) n-Nitroso-di-n-propylamine	7.40	70	28708	13.452	ng	#	78
25) Isophorone	7.40	82	218003	44.922	ng	#	64
31) Naphthalene	8.13	128	29882	3.577	ng		99
37) 2-Methylnaphthalene	8.83	142	15899	2.801	ng		99
48) Acenaphthylene	9.73	152	179690	22.757	ng		100
49) Dimethylphthalate	9.58	163	29149	4.895	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	4714	3.608	ng	#	1
70) Phenanthrene	11.39	178	227800	35.436	ng		98
71) Anthracene	11.44	178	86769	13.336	ng		98
74) Fluoranthene	12.59	202	263472	36.974	ng		95
77) Pyrene	12.82	202	558316	89.463	ng		98
79) Butylbenzylphthalate	13.42	149	48296	17.553	ng	#	87
80) Benzo(a)anthracene	14.04	228	190389	33.341	ng		94
82) Chrysene	14.04	228	190389	35.900	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	94379	20.017	ng	#	87
87) Benzo(b)fluoranthene	15.07	252	264301	57.659	ng		97
88) Benzo(k)fluoranthene	15.07	252	264301	58.523	ng		100
89) Benzo(a)pyrene	15.44	252	189603	45.497	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	10882	2.962	ng		93
91) Benzo(g,h,i)perylene	17.69	276	14406	4.161	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101297.D
Acq On : 11 Dec 2017 18:43
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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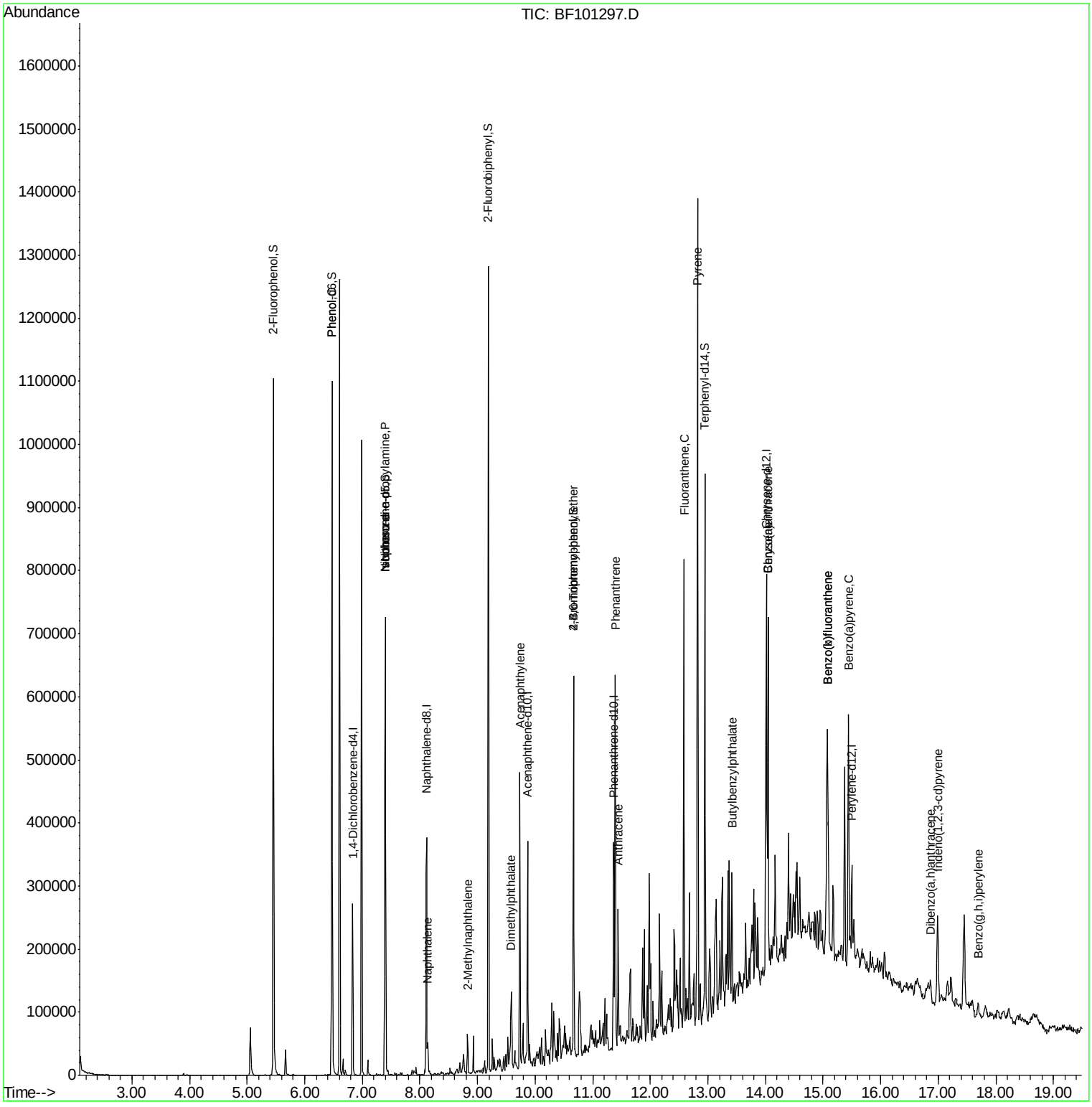
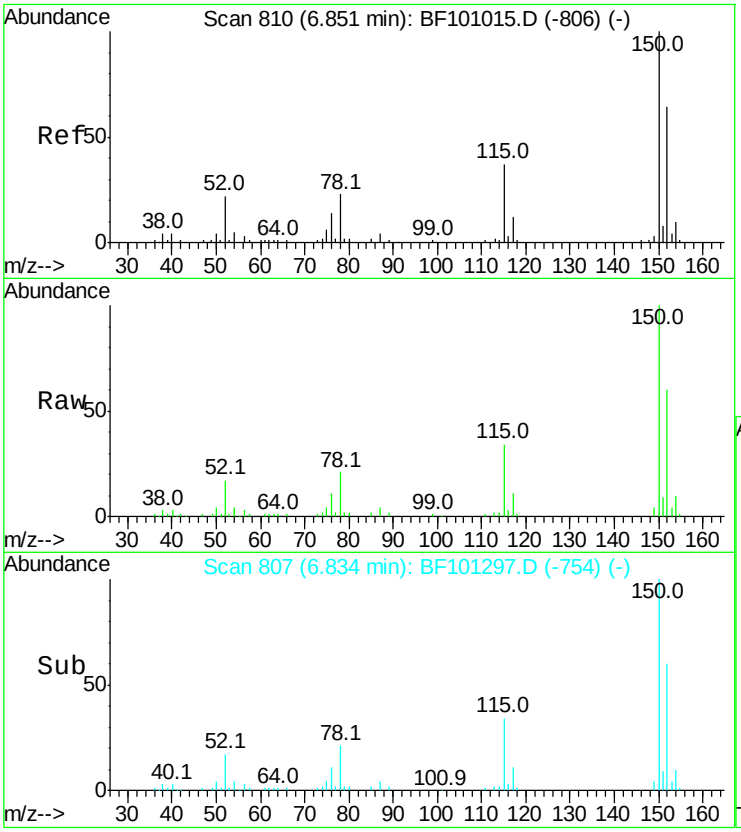


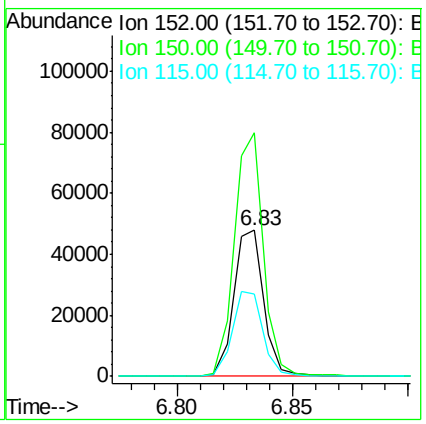


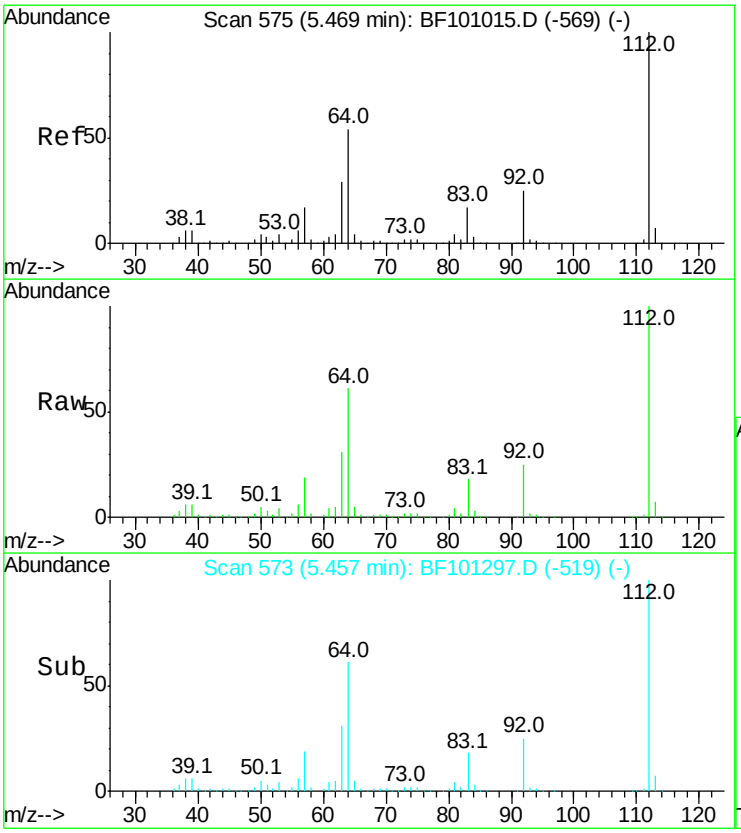
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43129

Ion	Ratio	Lower	Upper
152	100		
150	166.5	124.6	186.8
115	56.2	50.1	75.1

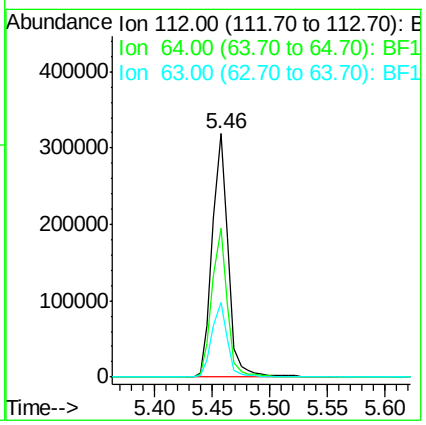


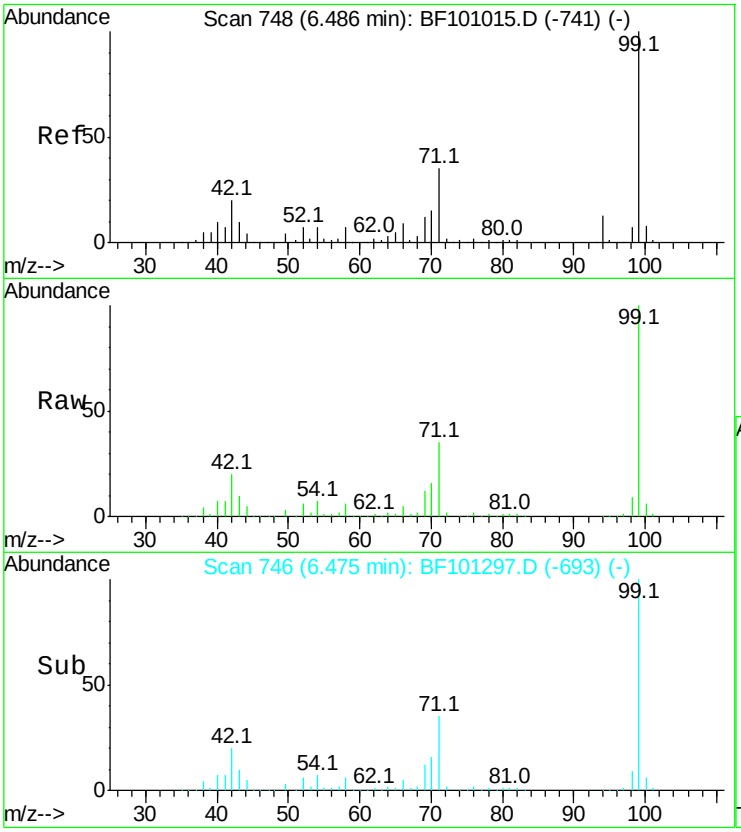


#5
2-Fluorophenol
Concen: 117.286 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:112 Resp: 306118

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.8	23.7	35.5



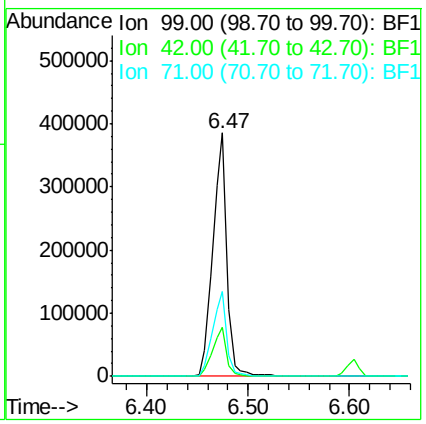


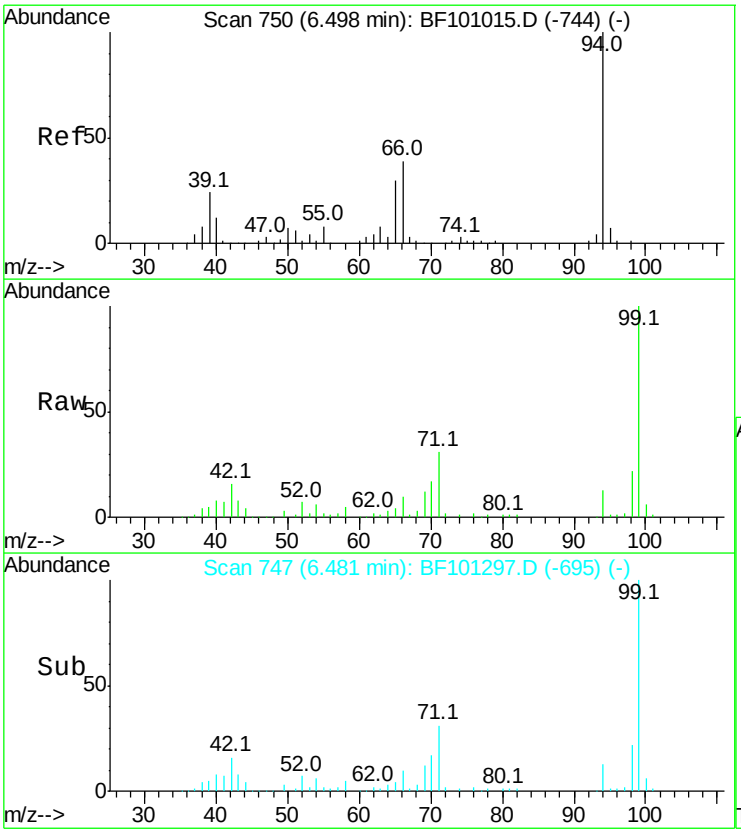
#7
Phenol-d6
Concen: 116.788 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 370080

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.1	25.4	38.0

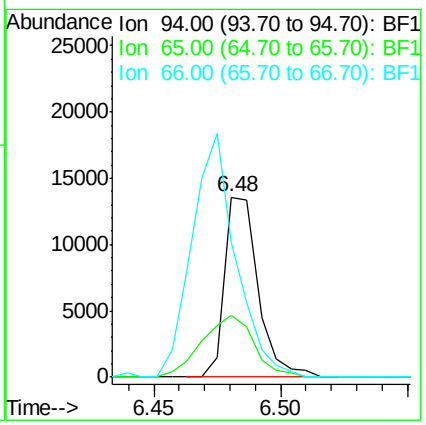


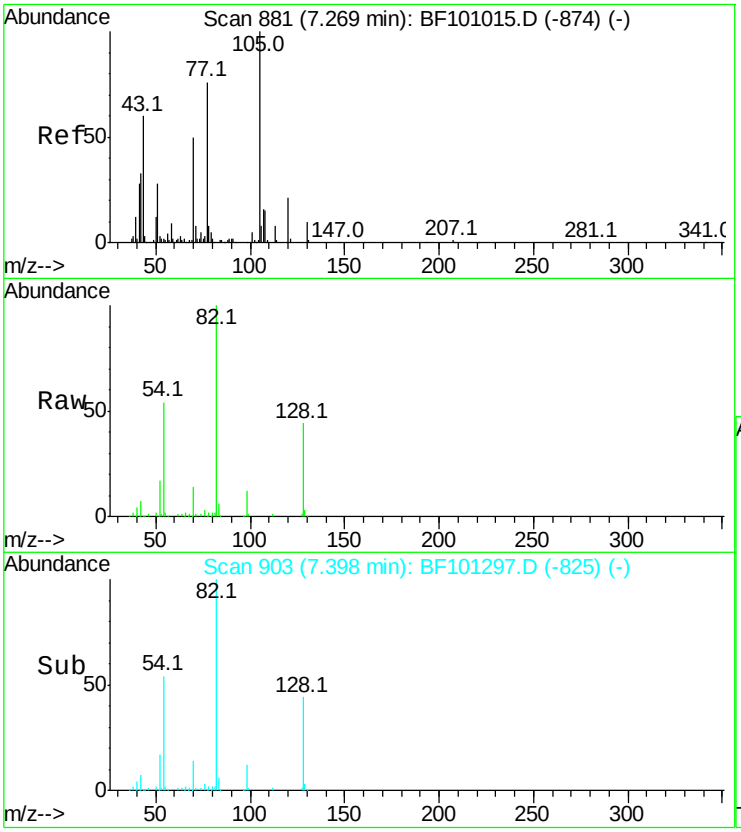


#10
Phenol
Concen: 3.550 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion: 94 Resp: 12509

Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	75.1	16.2	56.2#



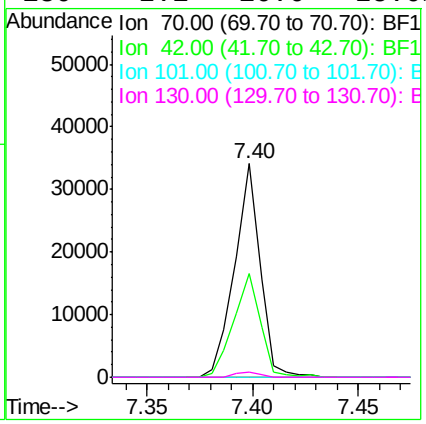


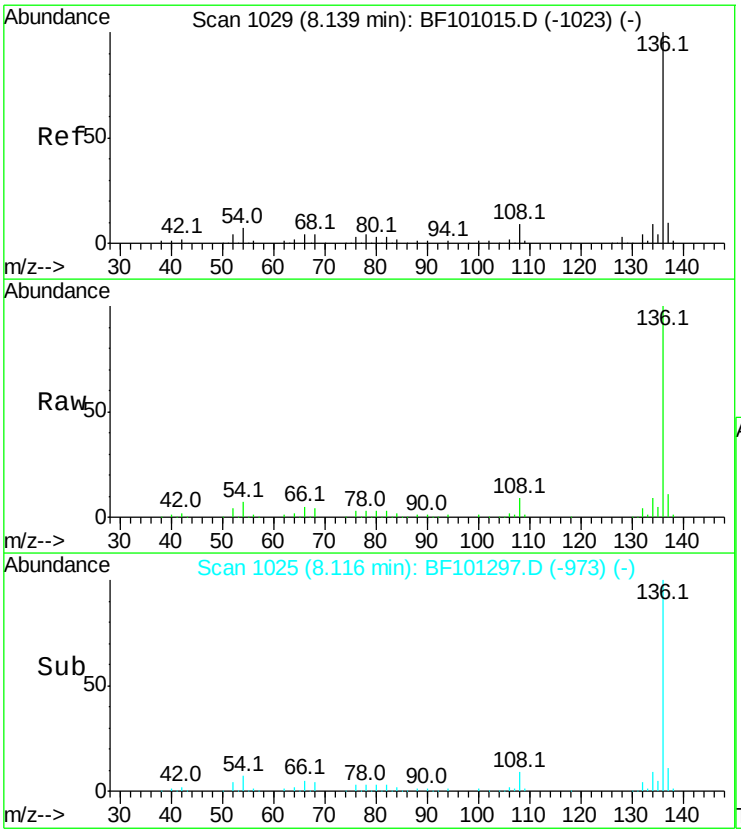
#19
n-Nitroso-di-n-propylamine
Concen: 13.452 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 28708

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

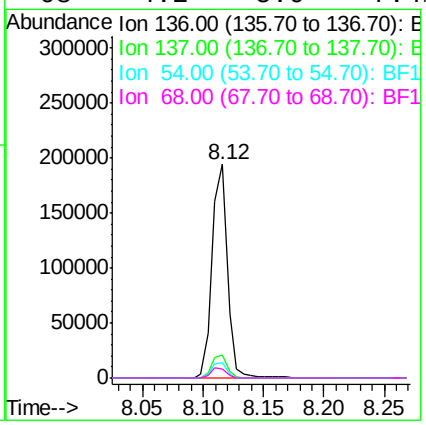


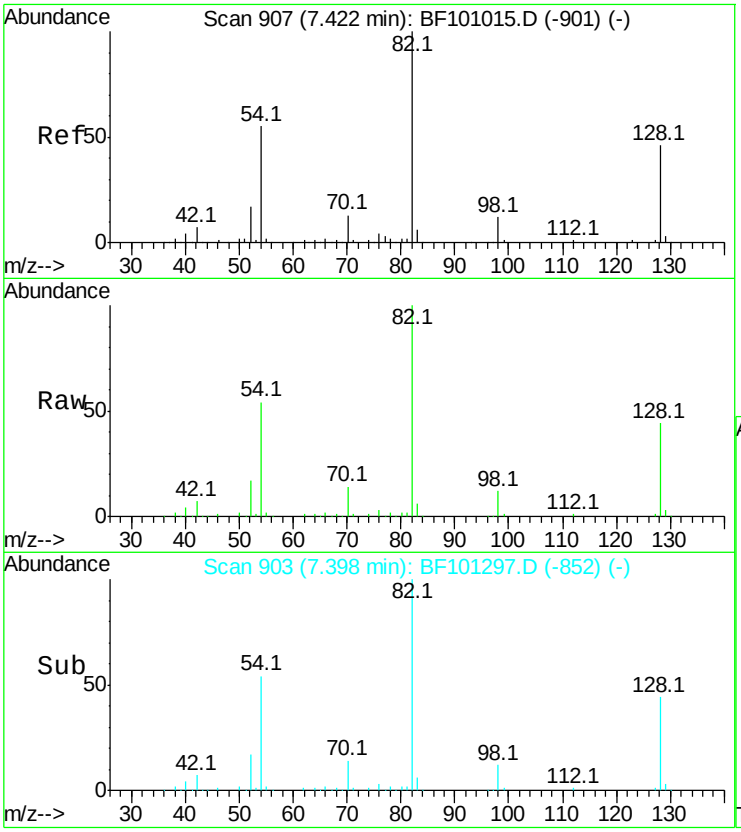


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:136 Resp: 169481

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	4.2	5.0	7.4#



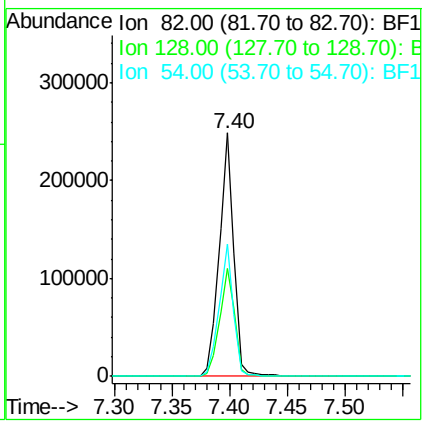


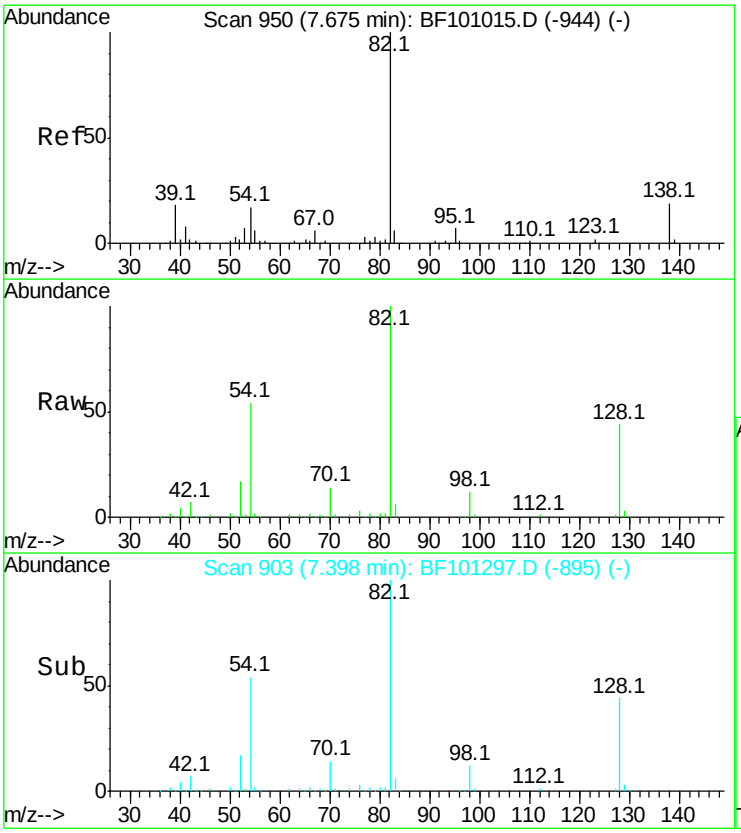
#23
Nitrobenzene-d5
Concen: 76.732 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218005

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	54.2	41.4	62.2

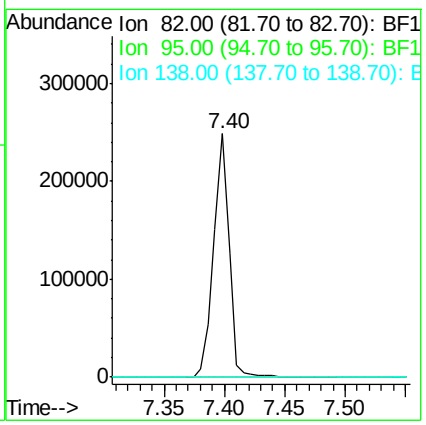


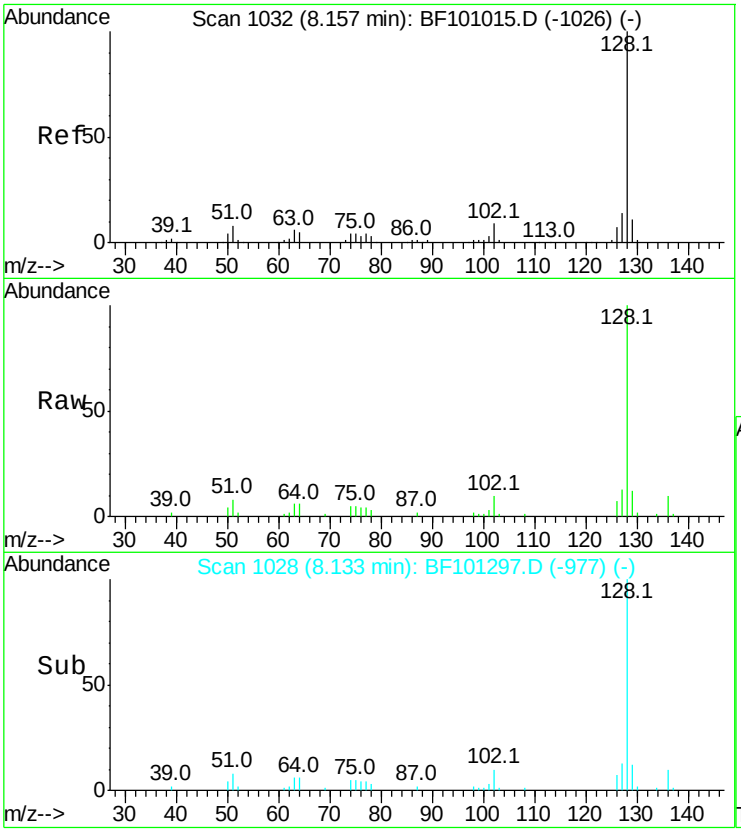


#25
Isophorone
Concen: 44.922 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion: 82 Resp: 218003

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



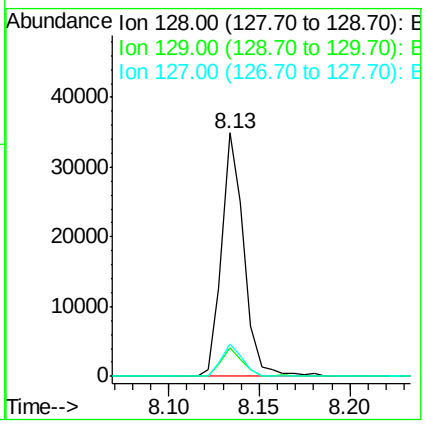


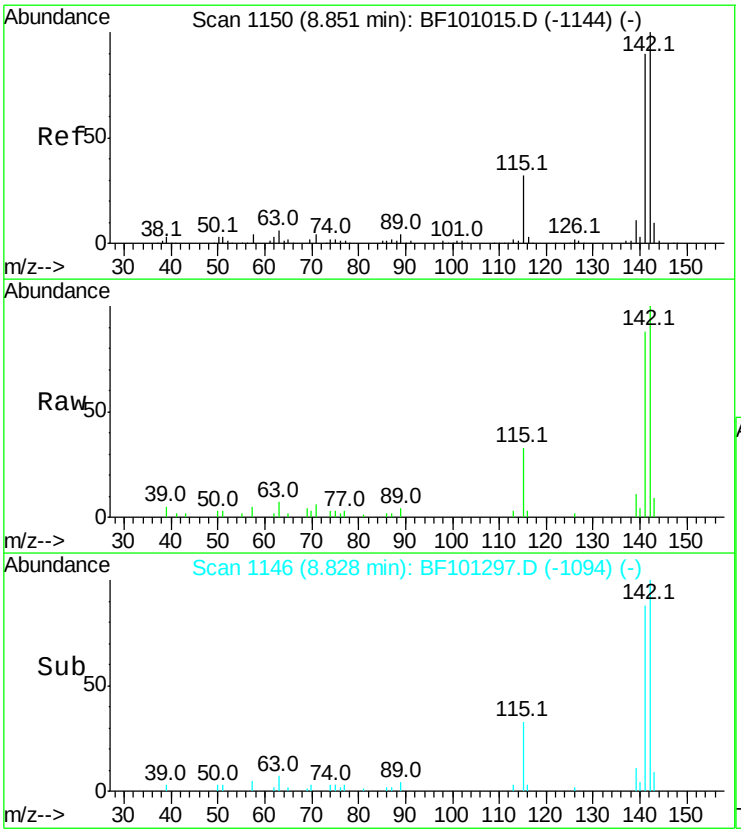
#31
Naphthalene
Concen: 3.577 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 29882

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.3	10.9	16.3

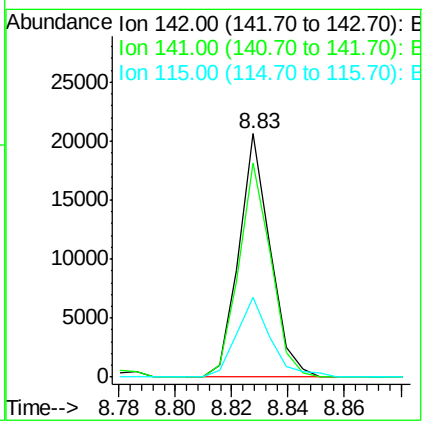


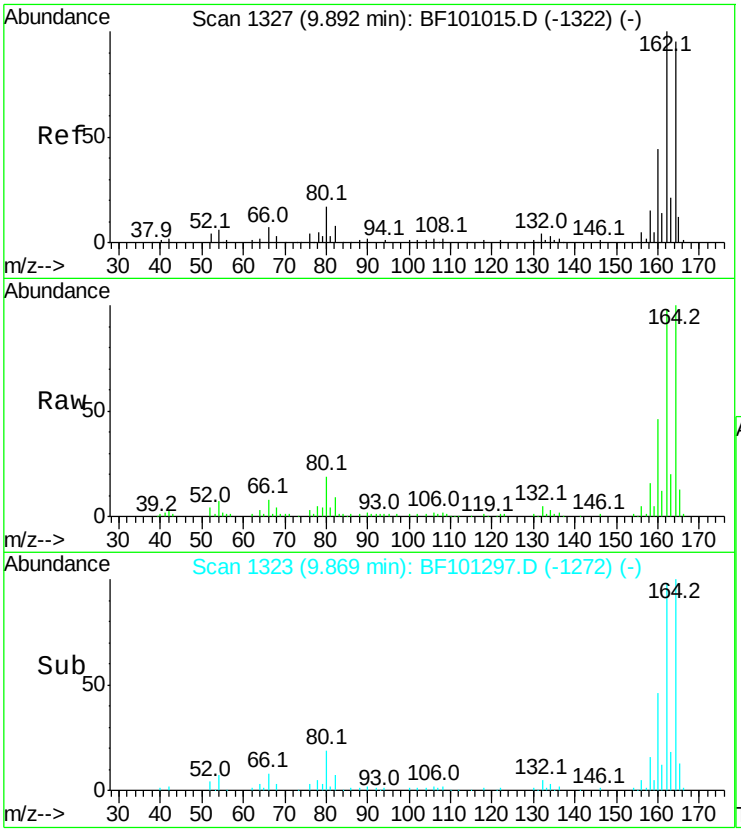


#37
2-Methylnaphthalene
Concen: 2.801 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:142 Resp: 15899

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	32.6	26.1	39.1



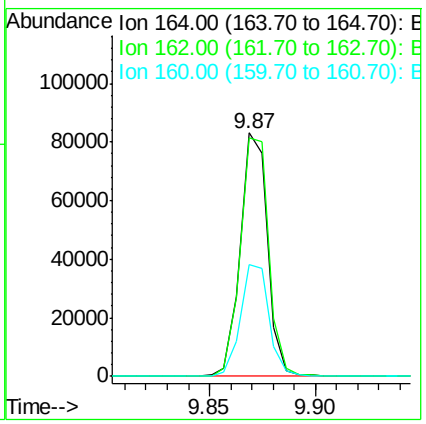


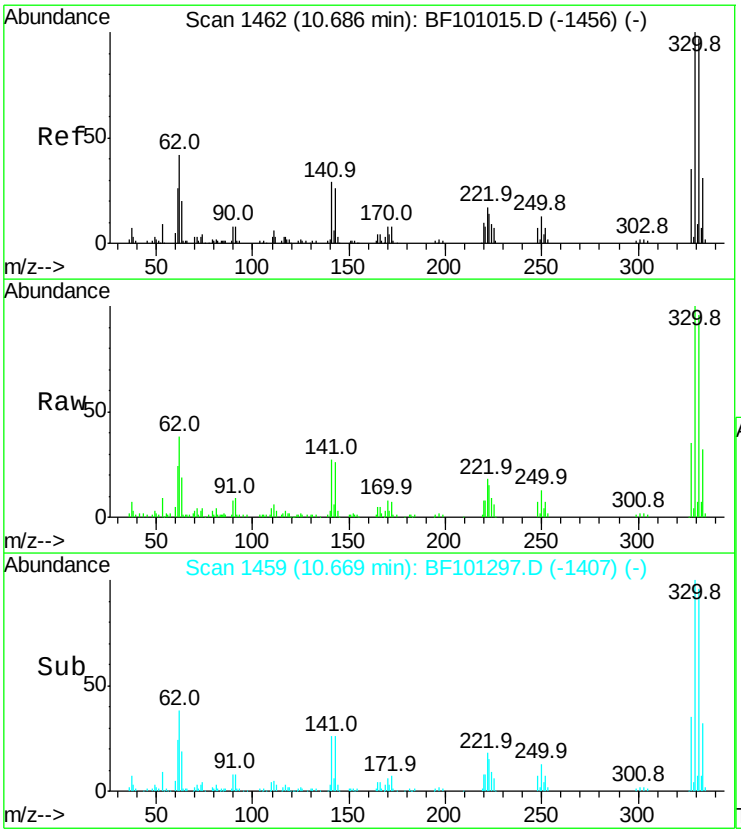
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 73841

Ion	Ratio	Lower	Upper
164	100		
162	98.0	86.1	129.1
160	46.0	38.3	57.5

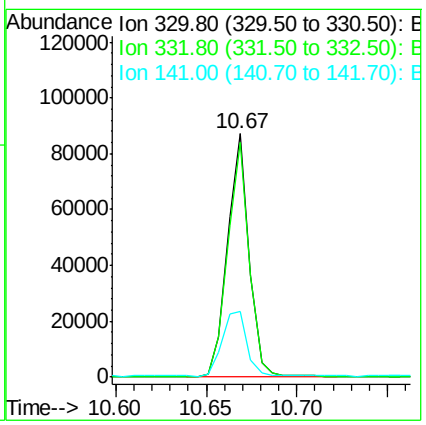


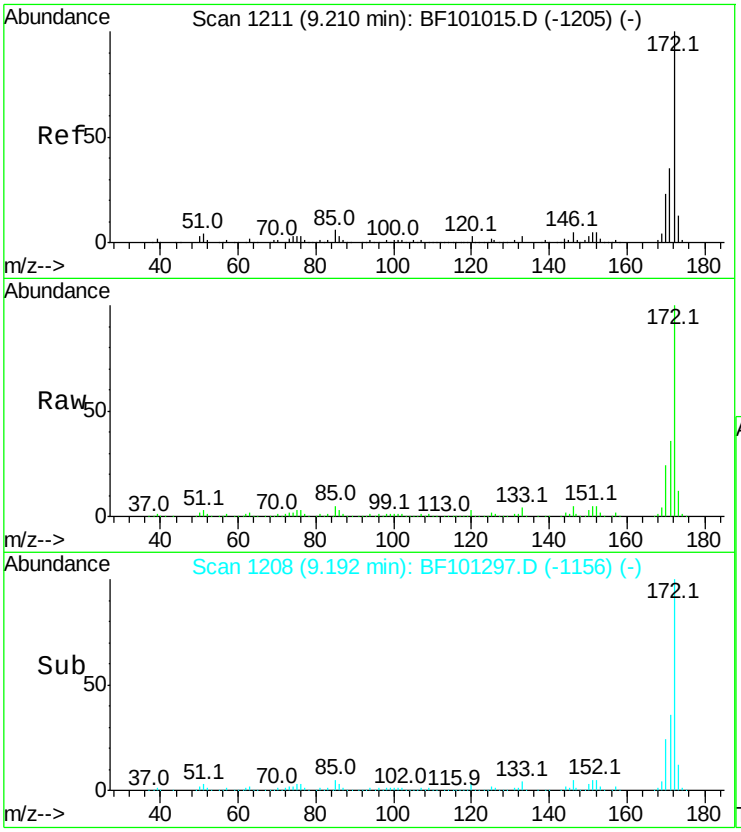


#41
2,4,6-Tribromophenol
Concen: 81.849 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:330 Resp: 72603

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.1	29.9	44.9



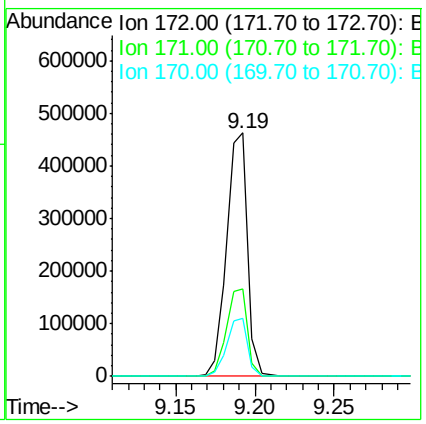


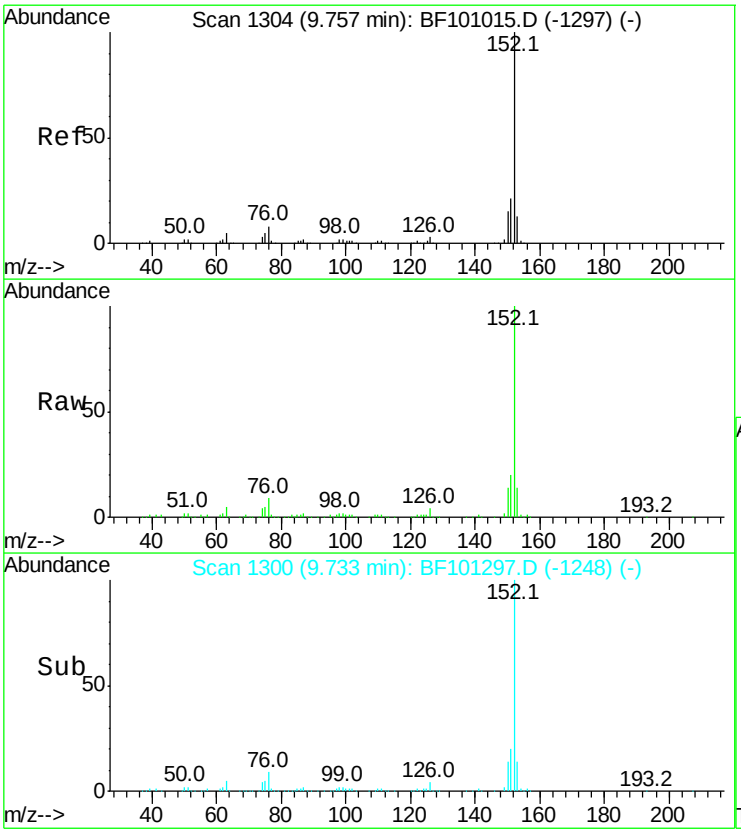
#44
2-Fluorobiphenyl
Concen: 78.179 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 421930

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

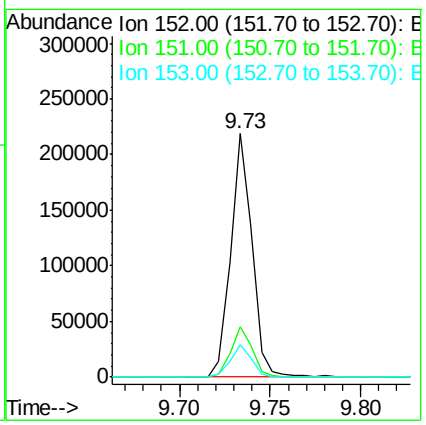


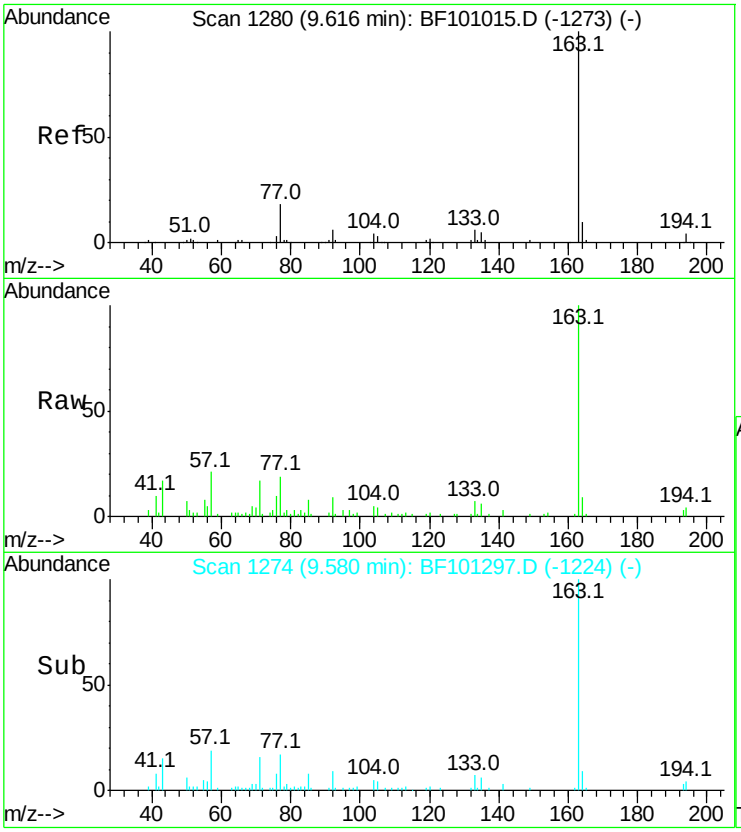


#48
Acenaphthylene
Concen: 22.757 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:152 Resp: 179690

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.6	10.7	16.1



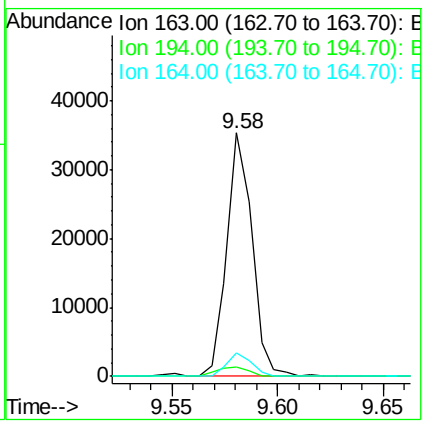


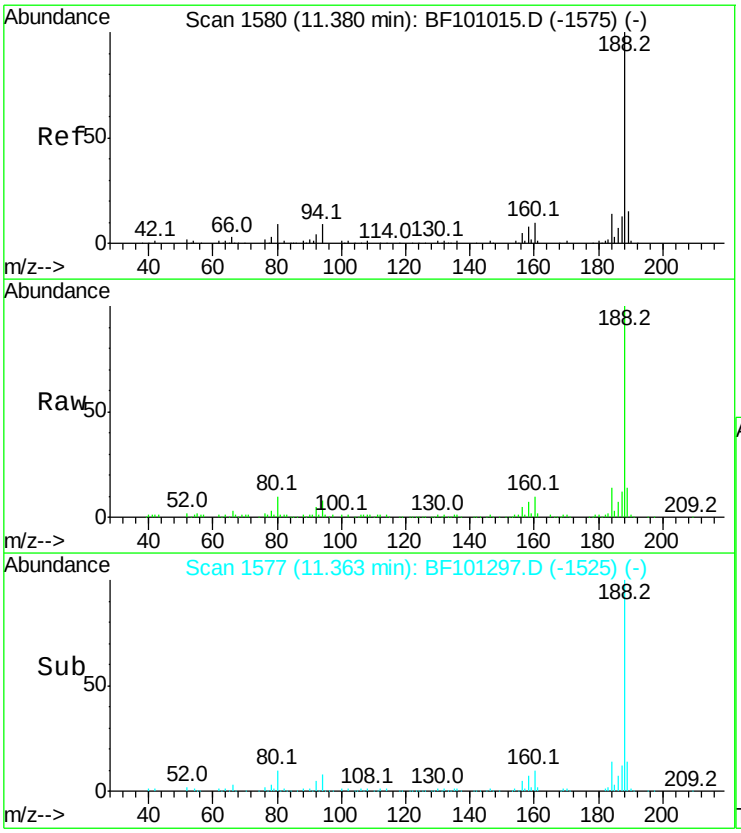
#49
Dimethylphthalate
Concen: 4.895 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29149

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.5	8.2	12.2

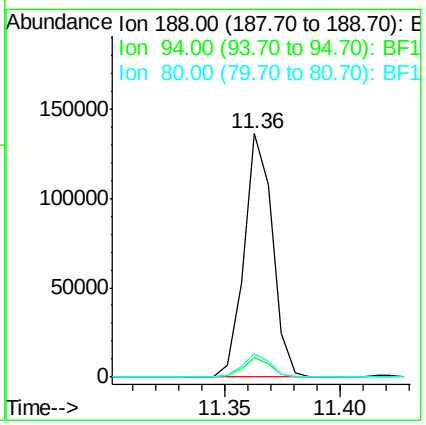


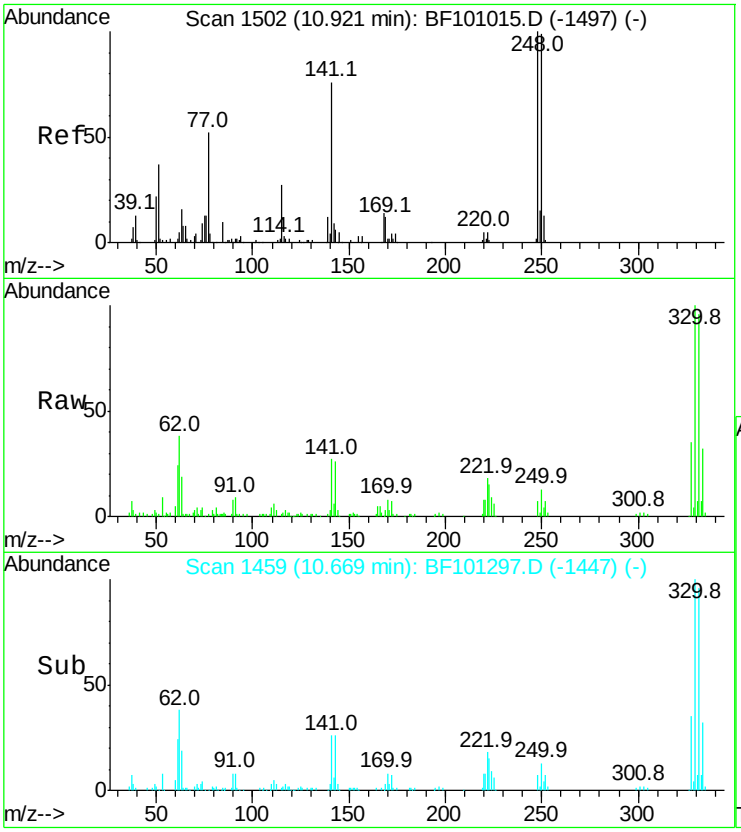


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:188 Resp: 116734

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.8	9.2	13.8



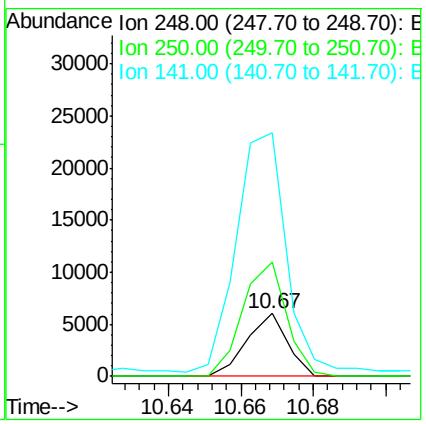


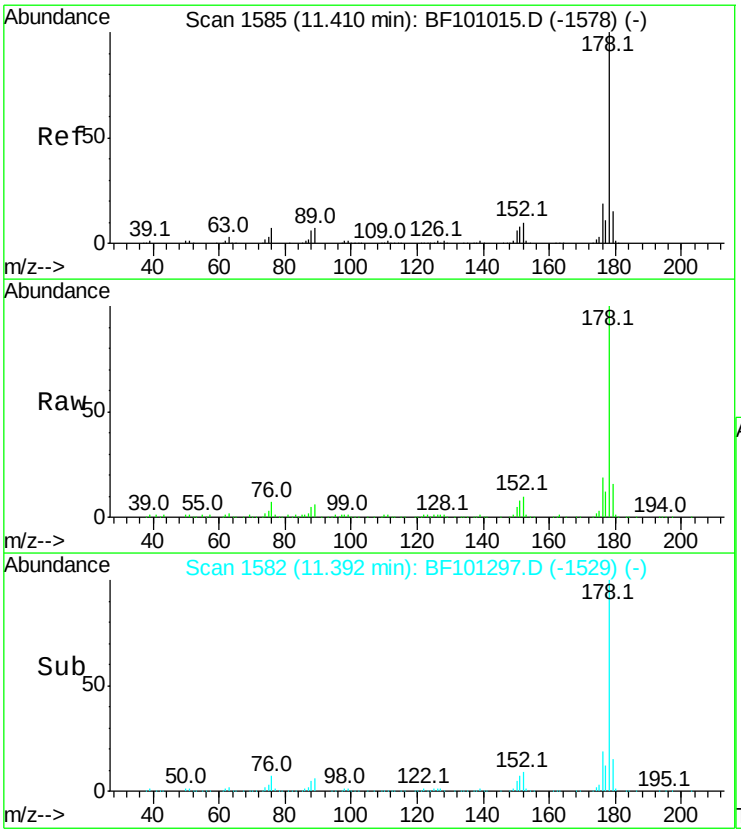
#66
4-Bromophenyl-phenylether
Concen: 3.608 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4714

Ion	Ratio	Lower	Upper
248	100		
250	181.6	76.9	115.3#
141	388.5	74.4	111.6#

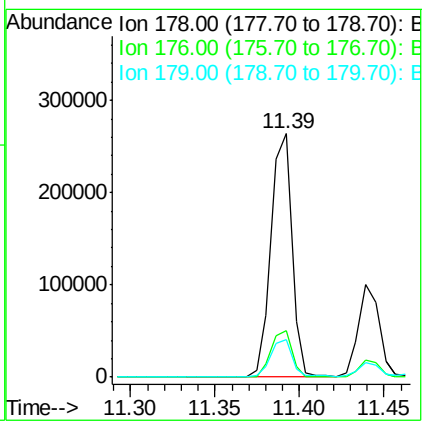


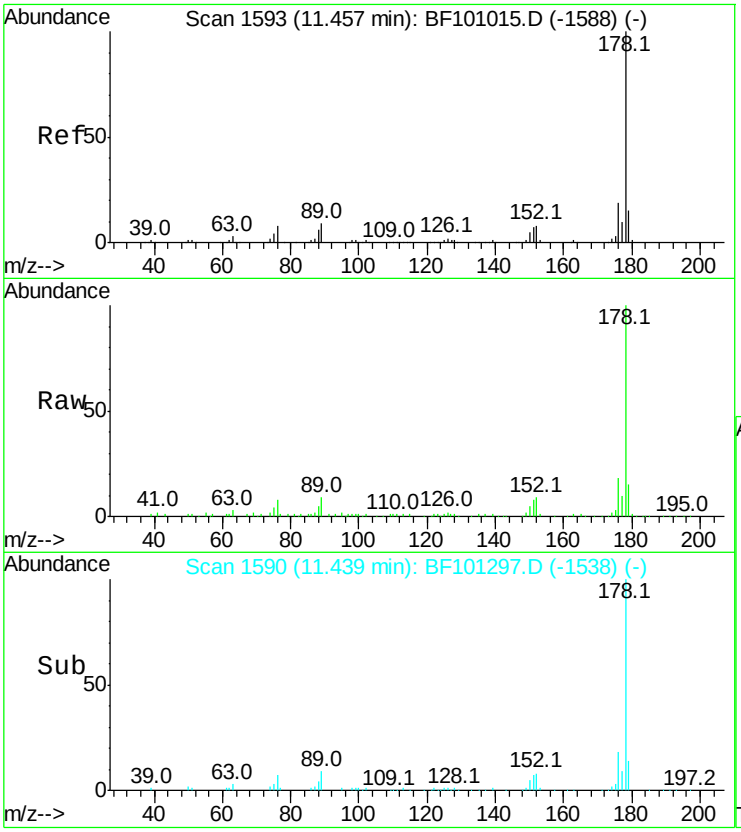


#70
Phenanthrene
Concen: 35.436 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:178 Resp: 227800

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.6	13.0	19.6



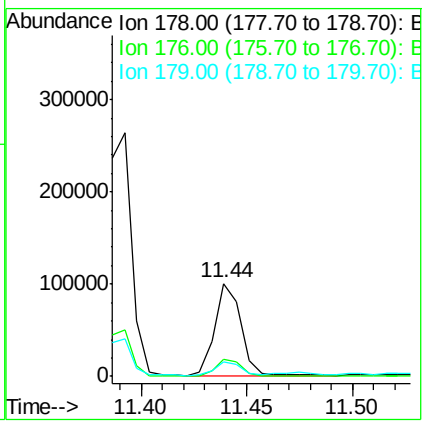


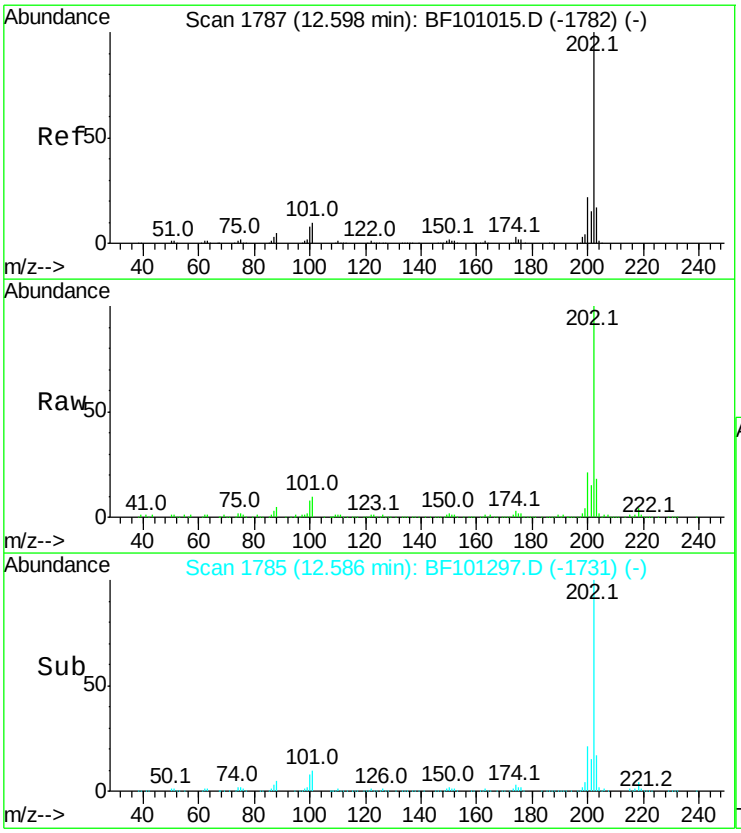
#71
Anthracene
Concen: 13.336 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 86769

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.4	12.6	19.0

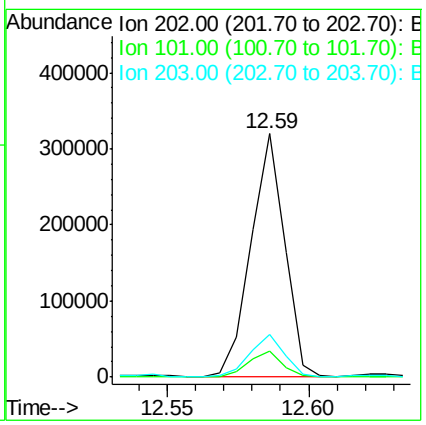


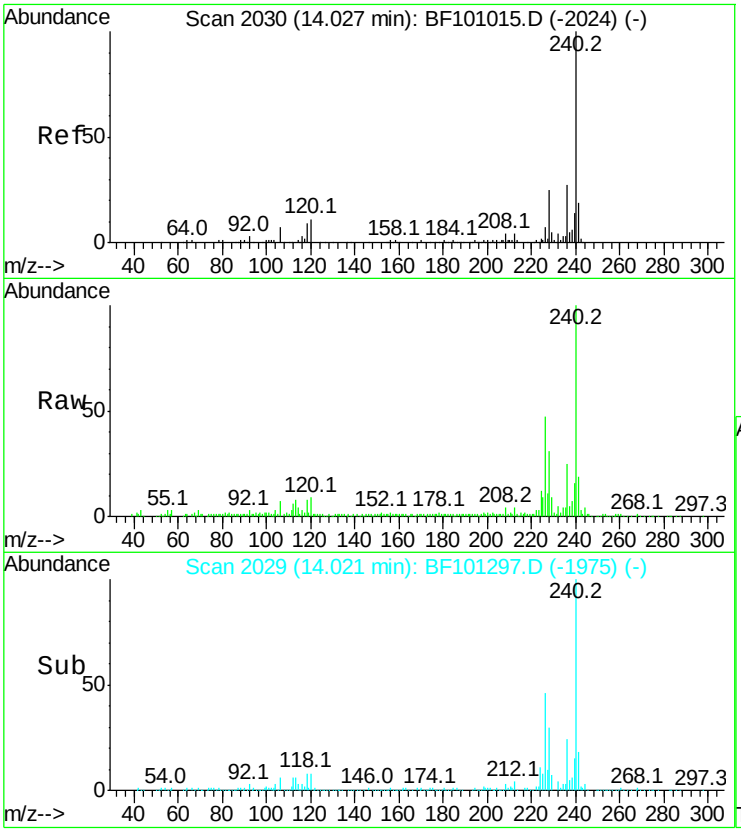


#74
Fluoranthene
Concen: 36.974 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.02 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:202 Resp: 263472

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.5	0.0	38.1



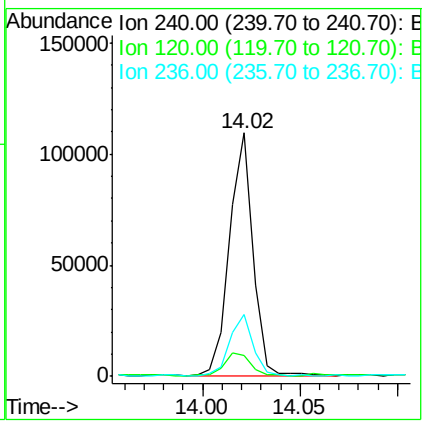


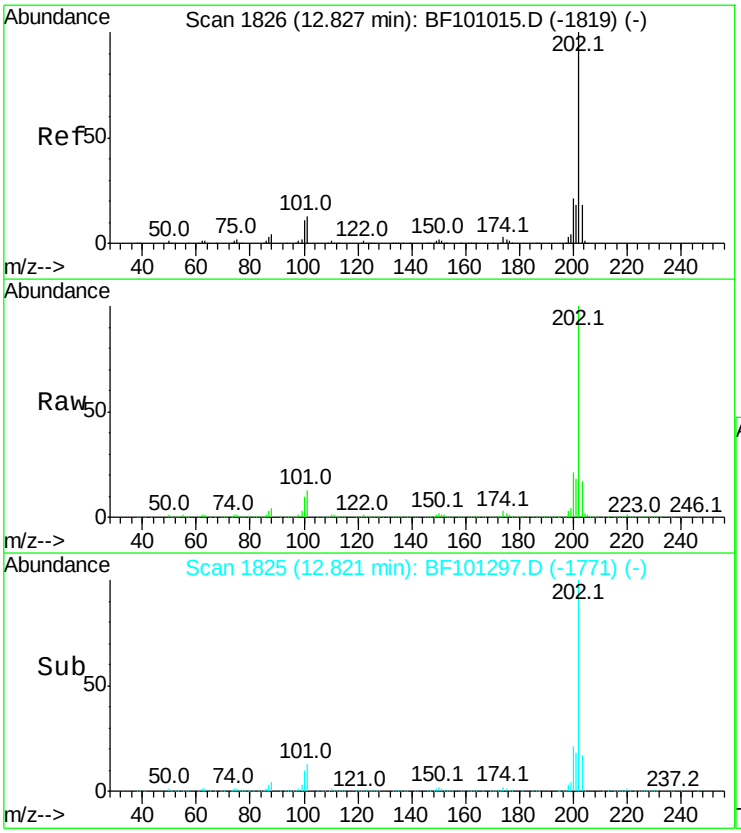
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 90442

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.5	20.7	31.1

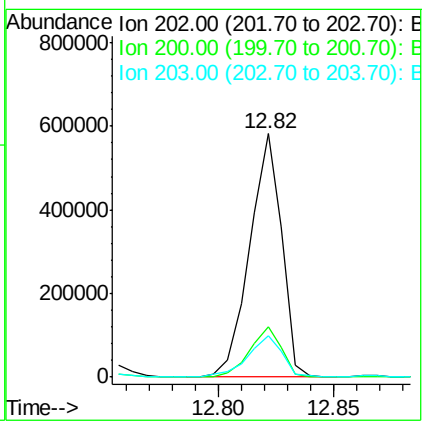


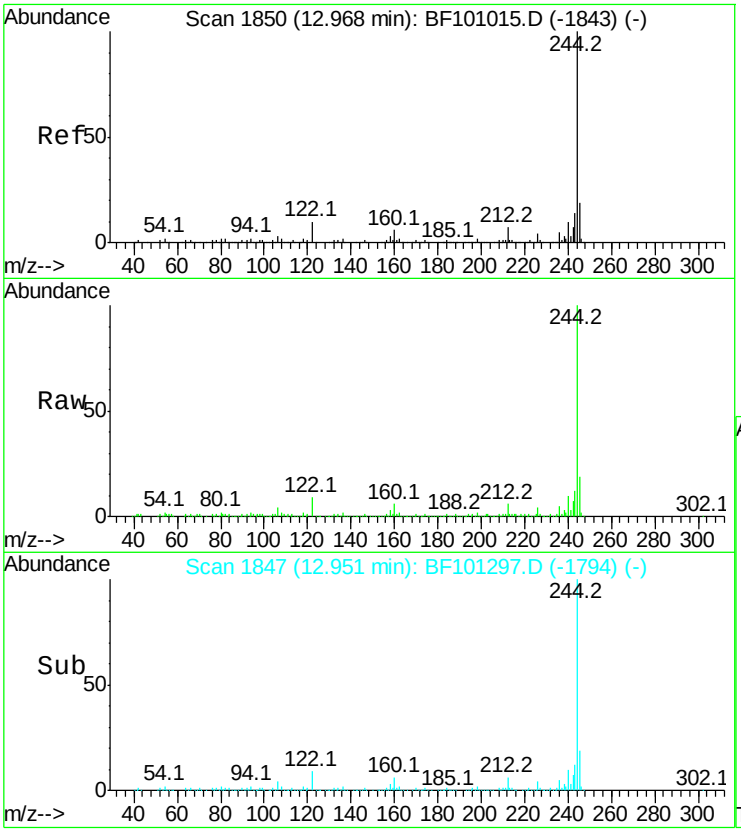


#77
Pyrene
Concen: 89.463 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:202 Resp: 558316

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.0	14.3	21.5



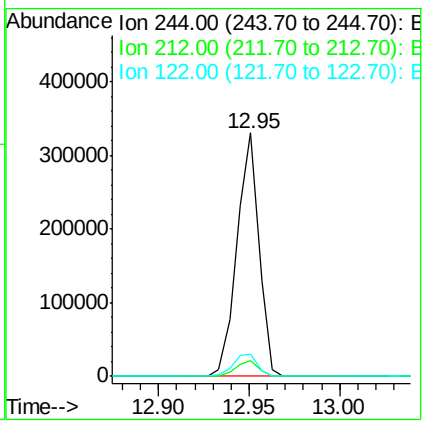


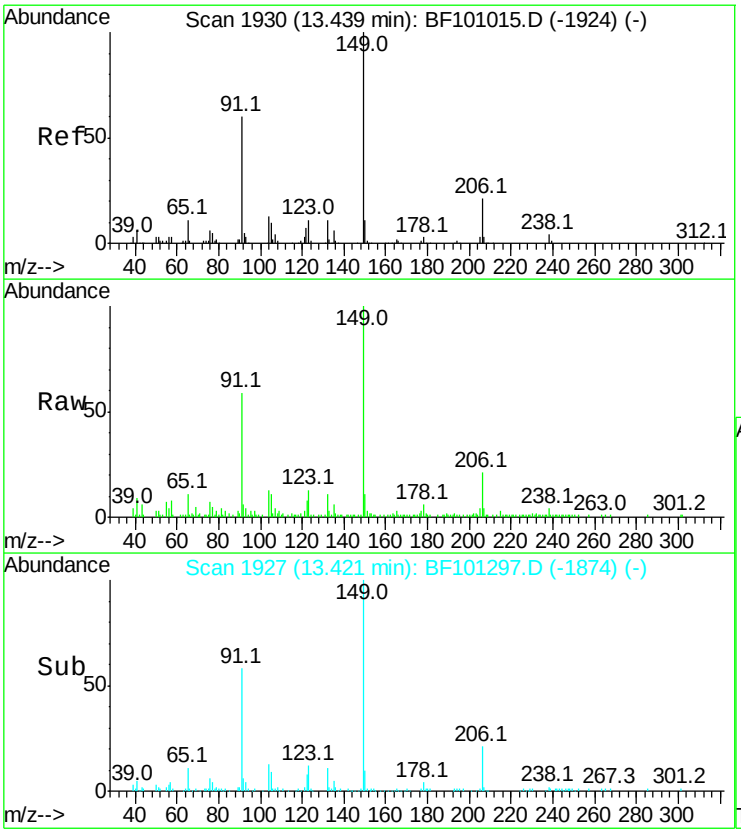
#78
Terphenyl-d14
Concen: 67.682 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 279863

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.2	11.0	16.4#

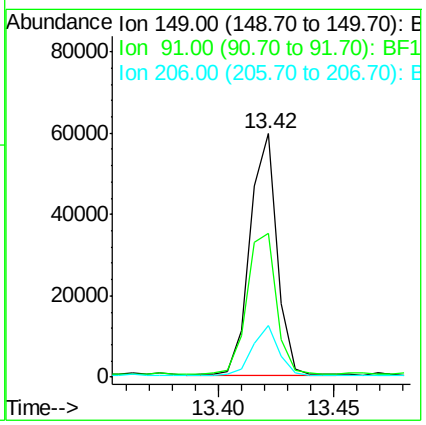


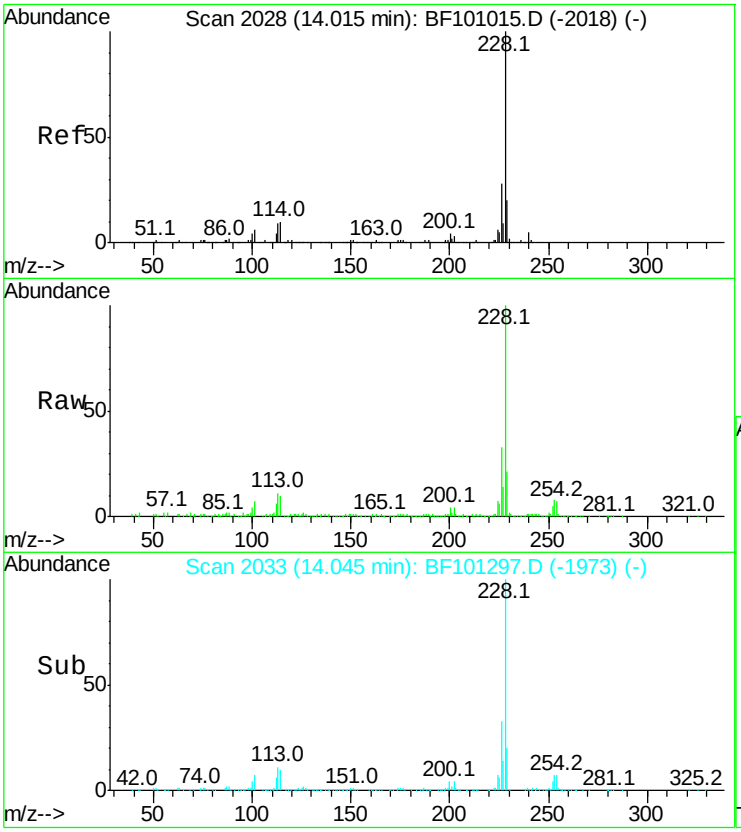


#79
Butylbenzylphthalate
Concen: 17.553 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:149 Resp: 48296

Ion	Ratio	Lower	Upper
149	100		
91	58.9	56.8	85.2
206	21.3	14.1	21.1#



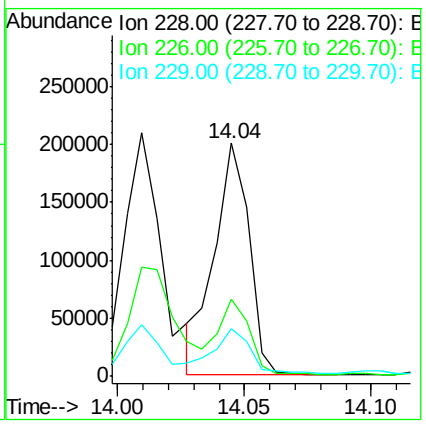


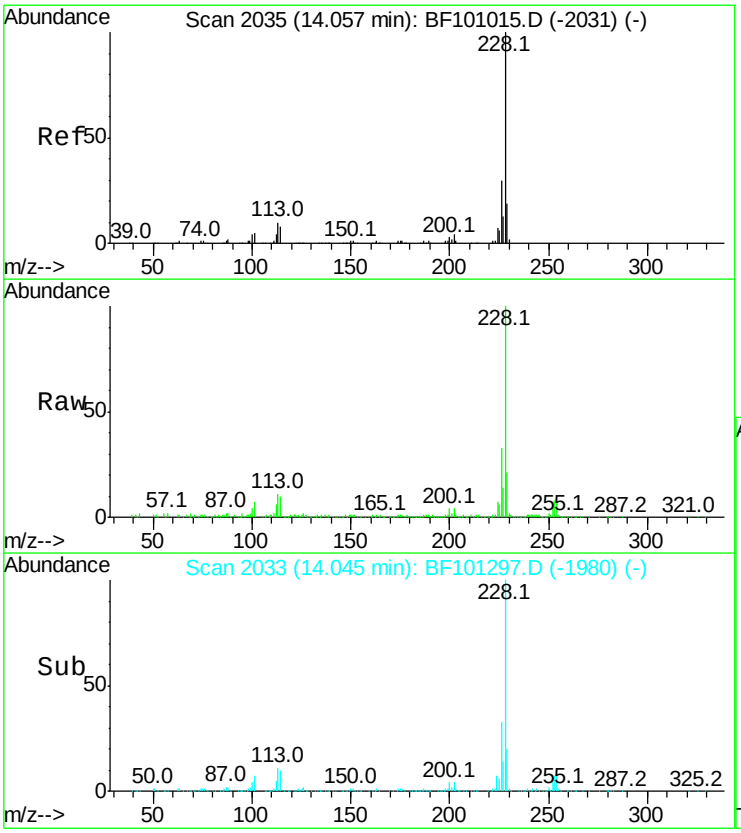
#80
Benzo(a)anthracene
Concen: 33.341 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.05 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 190389

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

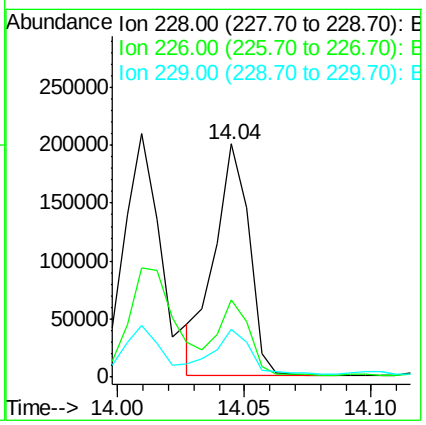


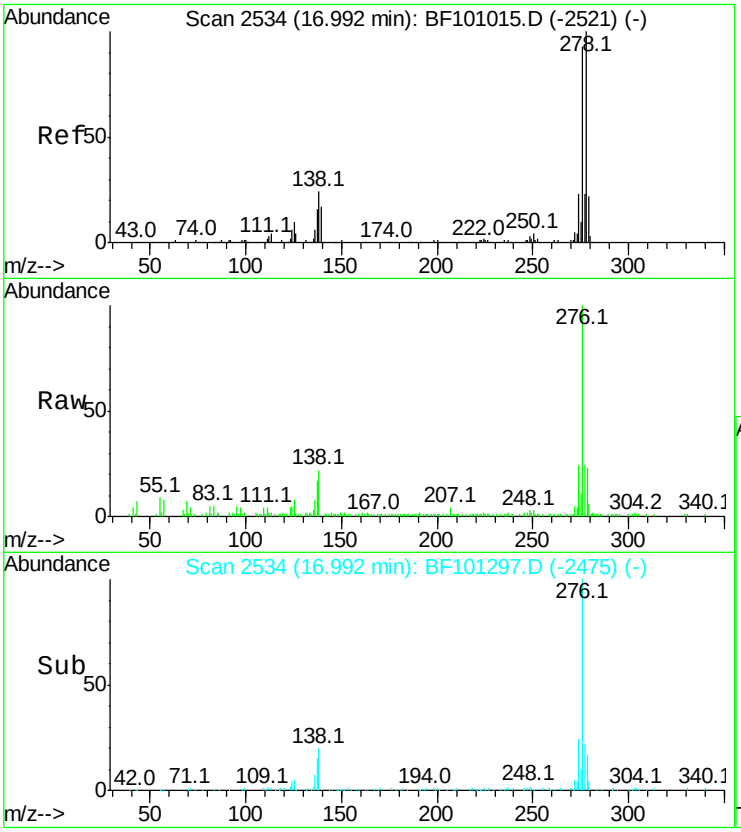


#82
Chrysene
Concen: 35.900 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:228 Resp: 190389

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	20.7	16.2	24.4



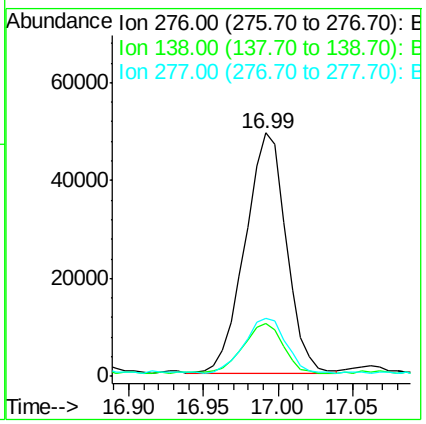


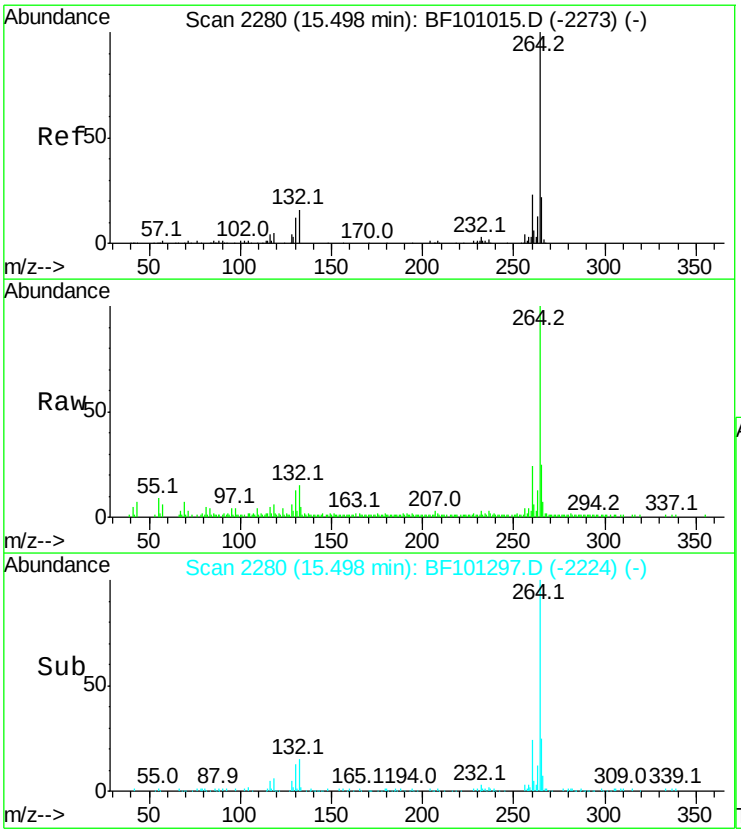
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.017 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.05 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 94379

Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.0	37.6#
277	22.9	20.1	30.1

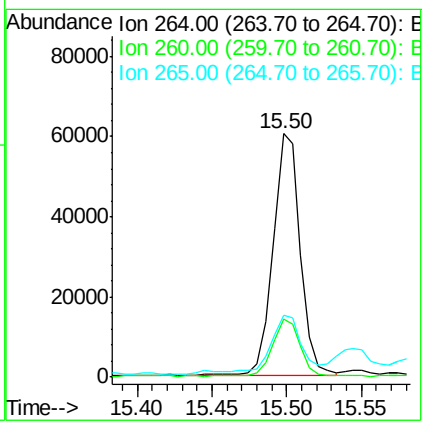


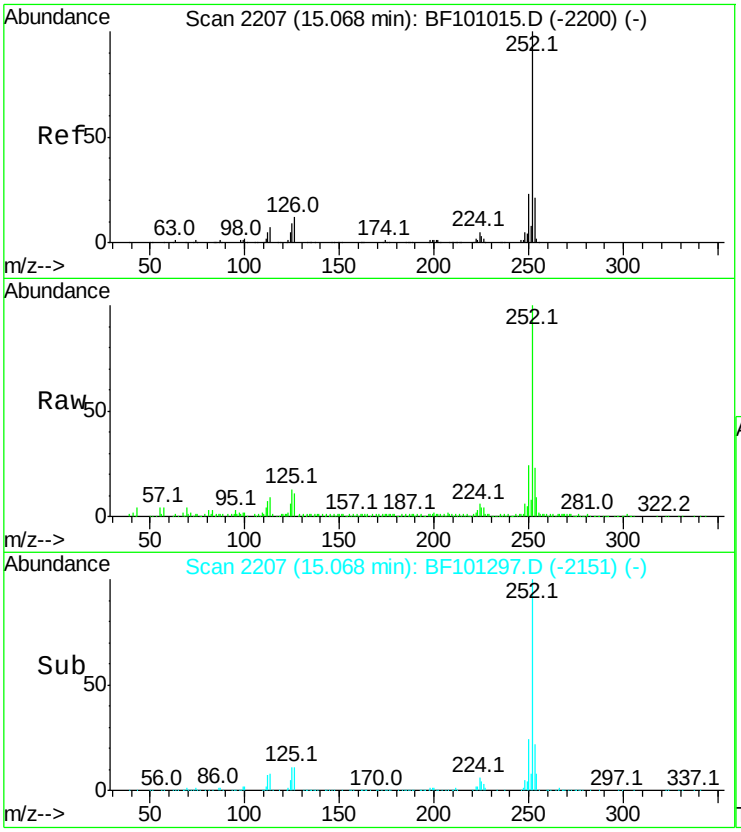


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:264 Resp: 76529

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	25.4	17.5	26.3



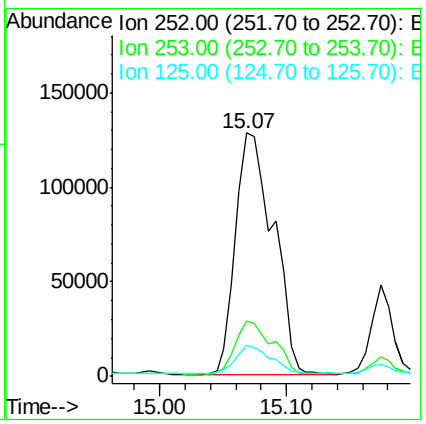


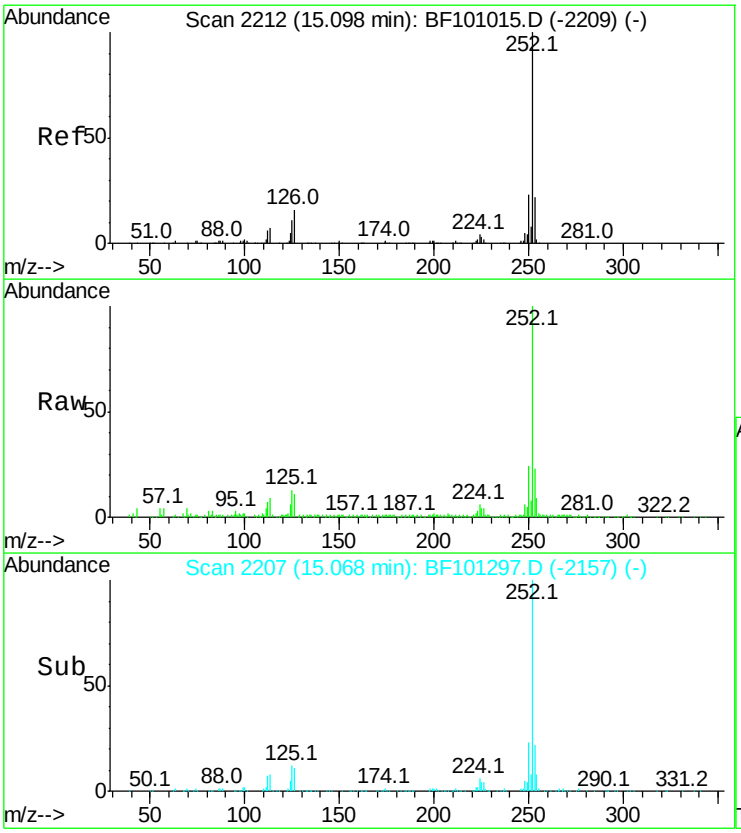
#87
Benzo(b)fluoranthene
Concen: 57.659 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.03 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 264301

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.6	9.0	13.6

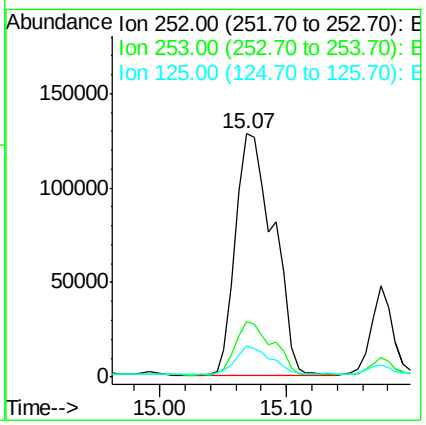


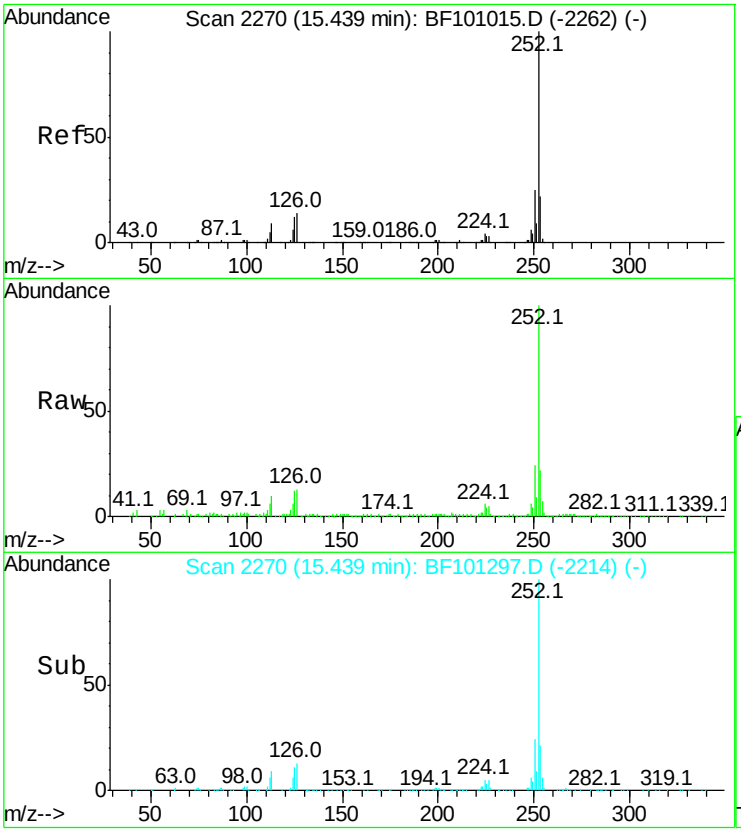


#88
Benzo(k)fluoranthene
Concen: 58.523 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:252 Resp: 264301

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.6	10.2	15.2



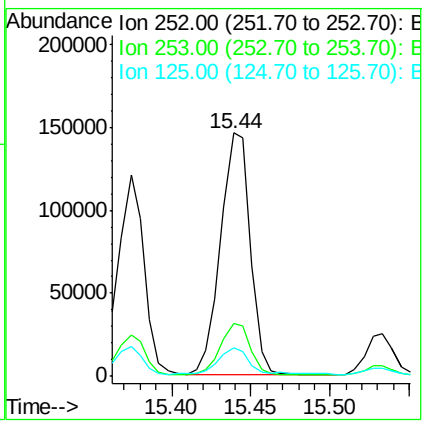


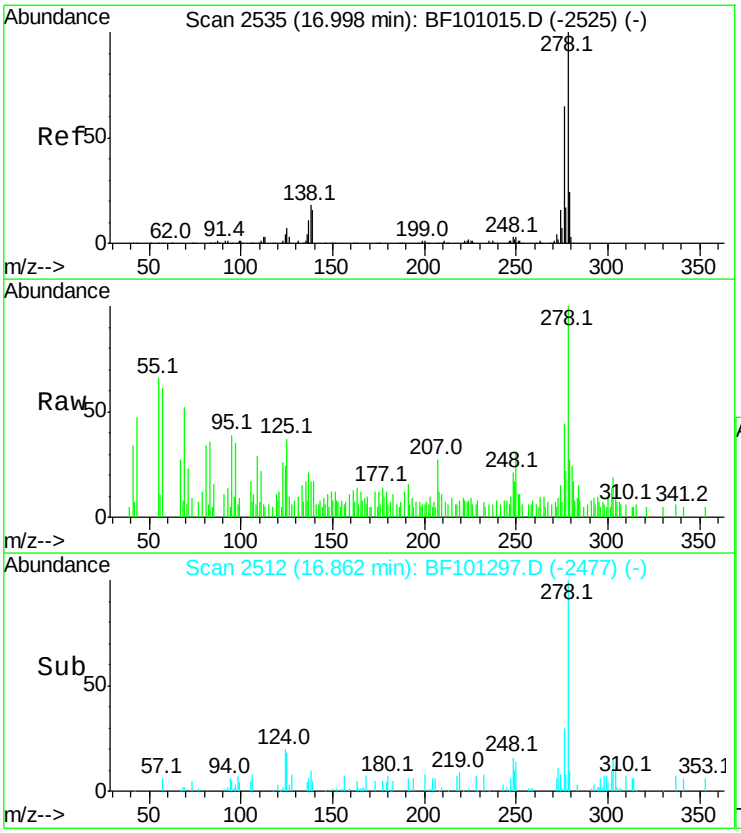
#89
Benzo(a)pyrene
Concen: 45.497 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.03 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 189603

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.7	9.8	14.6

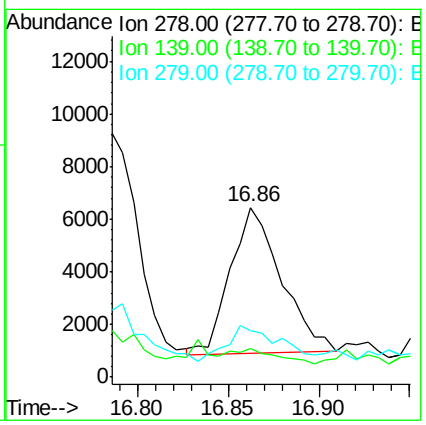


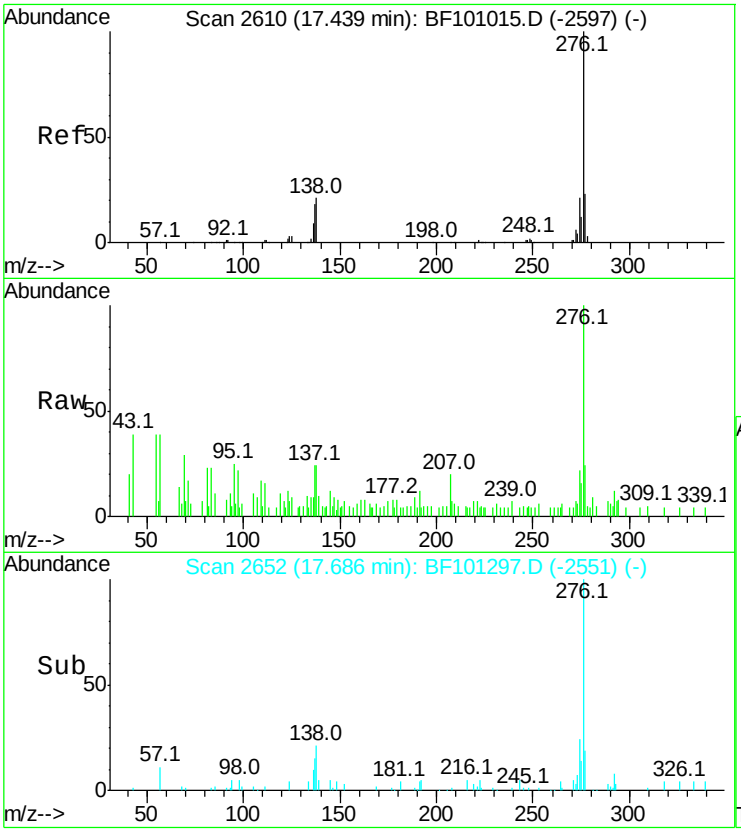


#90
Dibenzo(a,h)anthracene
Concen: 2.962 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.09 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Tgt Ion:278 Resp: 10882

Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	27.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 4.161 ng
RT: 17.69 min Scan# 2652
Delta R.T. 0.29 min
Lab File: BF101297.D
Acq: 11 Dec 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14406

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	24.4	21.8	32.8