Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
Data File : BF113491.D
Acq On : 2 Apr 2019 5:14
Operator : JU/SJ
Sample : K2153-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 02 07:03:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	130682	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	507564	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	238339	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	444062	20.00	ng		0.00
76) Chrysene-d12	13.85	240	402771	20.00	ng		0.00
87) Perylene-d12	15.26	264	333677	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	409087	51.19	ng		0.00
7) Phenol-d6	6.35	99	580602	57.43	ng		0.00
23) Nitrobenzene-d5	7.27	82	330913	38.70	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	113775	38.65	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	675582	33.80	ng		0.00
79) Terphenyl-d14	12.80	244	706529	38.66	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	42444	6.683	ng	#	73
20) 3+4-Methylphenols	7.17	107	625	Below Cal		#	17
25) Isophorone	7.27	82	330911	19.968	ng	#	64
50) Dimethylphthalate	9.46	163	50425	2.855	ng		99
51) 2,6-Dinitrotoluene	9.74	165	32194	8.079	ng	#	27
52) Acenaphthene	9.77	154	50654	3.630	ng		99
58) Fluorene	10.29	166	54732	3.358	ng		99
71) Phenanthrene	11.24	178	915713	41.525	ng		99
72) Anthracene	11.29	178	217294	9.701	ng		98
73) Carbazole	11.45	167	72740	3.403	ng		98
75) Fluoranthene	12.43	202	1344992	53.952	ng		99
78) Pyrene	12.66	202	1340745	48.037	ng		99
80) Butylbenzylphthalate	13.27	149	35576	2.892	ng		97
81) Benzo(a)anthracene	13.84	228	701193	30.414	ng		99
83) Chrysene	13.87	228	636267	27.170	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	68473	4.541	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	327050	16.273	ng		97
88) Benzo(b)fluoranthene	14.86	252	923981	44.577	ng		98
89) Benzo(k)fluoranthene	14.86	252	923981	50.760	ng	#	97
90) Benzo(a)pyrene	15.20	252	508361	27.664	ng		99
91) Dibenzo(a,h)anthracene	16.78	278	65635	4.131	ng		93
92) Benzo(g,h,i)perylene	17.03	276	338710	21.142	ng		97

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

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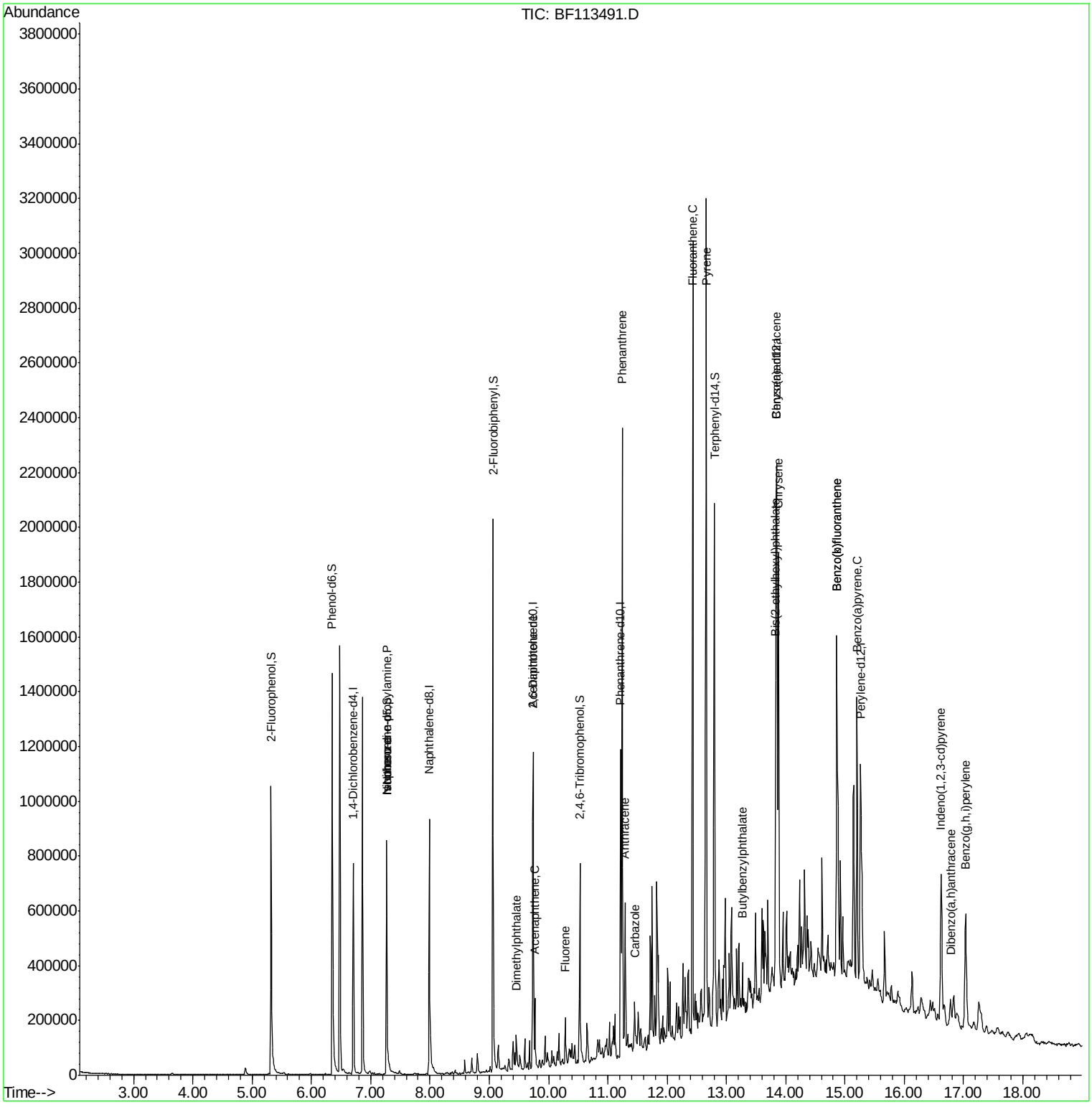
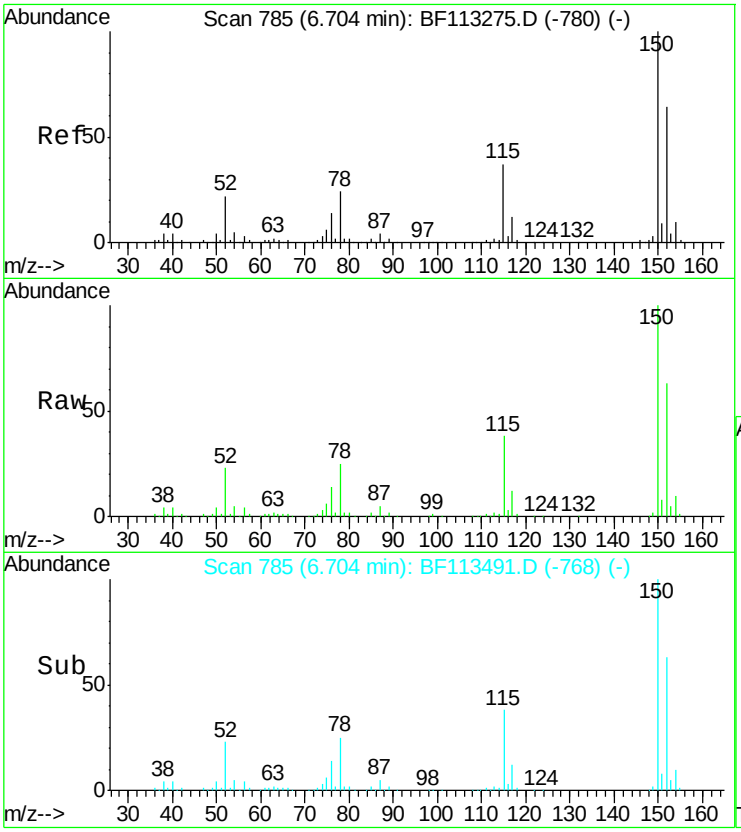


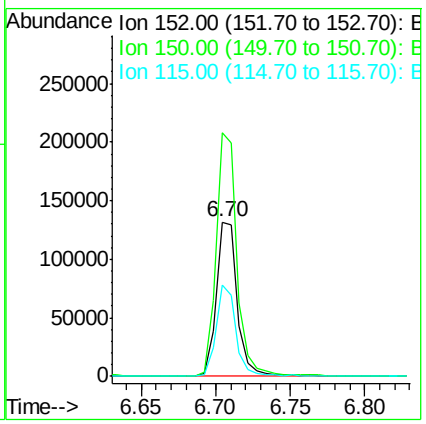


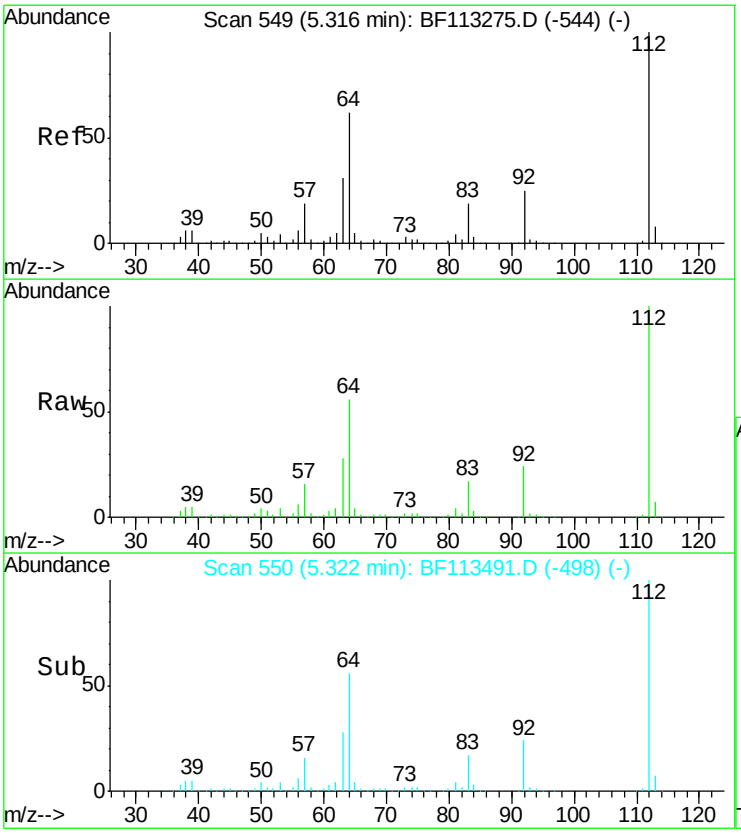
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130682

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	59.3	46.0	69.0

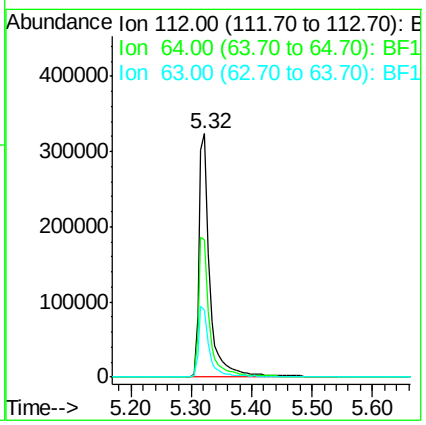


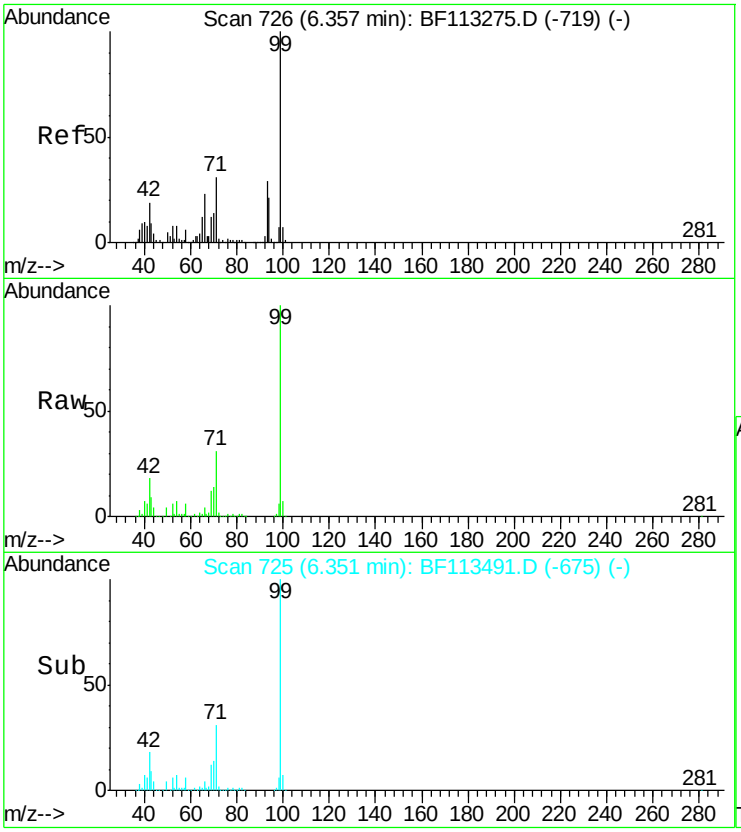


#5
2-Fluorophenol
Concen: 51.186 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:112 Resp: 409087

Ion	Ratio	Lower	Upper
112	100		
64	56.3	49.2	73.8
63	27.6	24.9	37.3



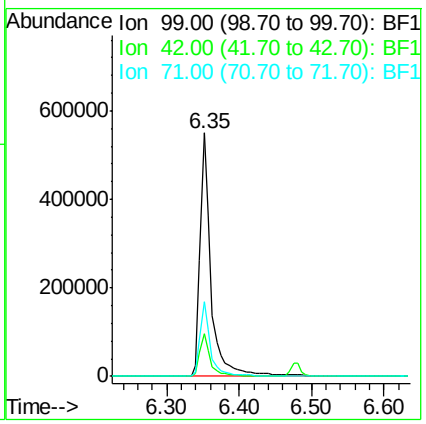


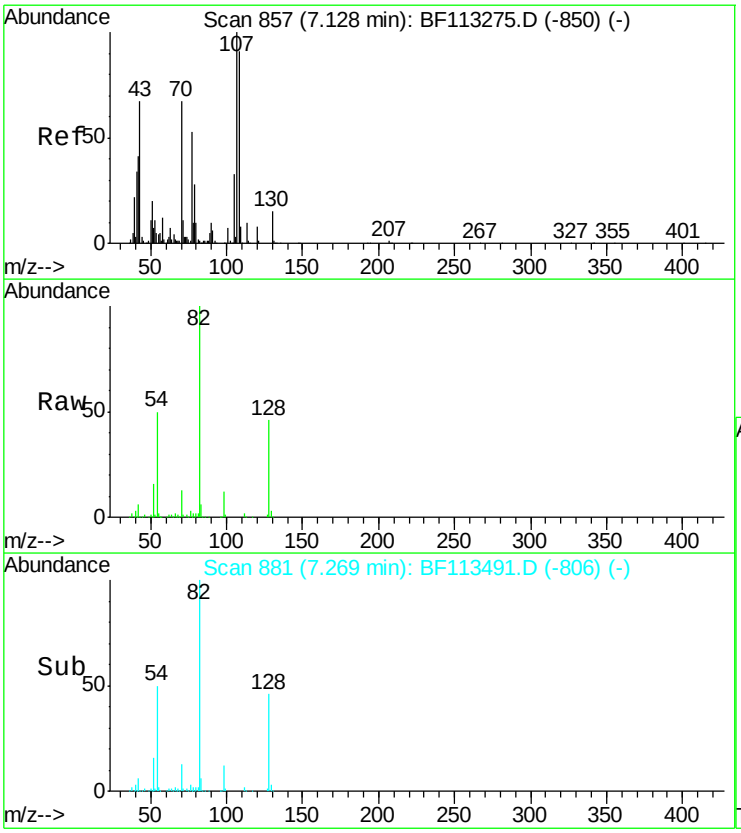
#7
Phenol-d6
Concen: 57.425 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 580602

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	30.6	24.9	37.3

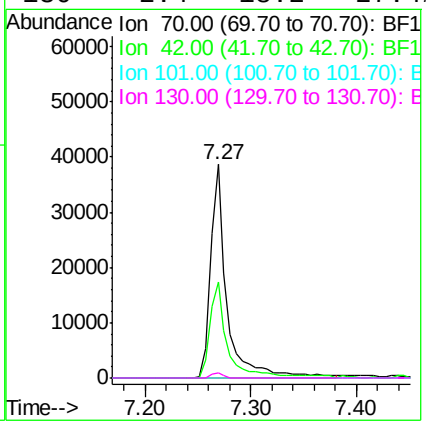


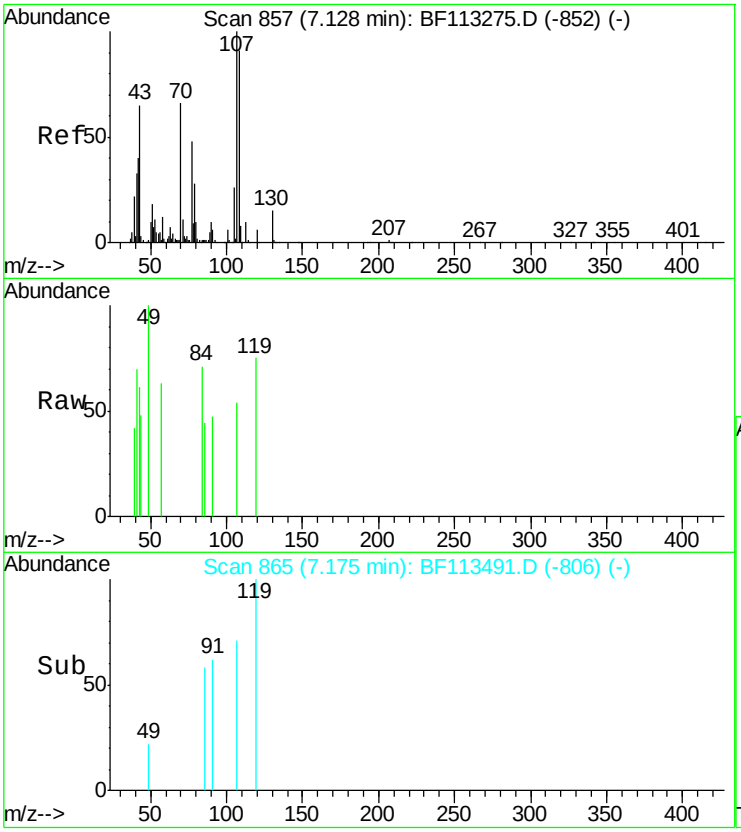


#19
n-Nitroso-di-n-propylamine
Concen: 6.683 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion: 70 Resp: 42444

Ion	Ratio	Lower	Upper
70	100		
42	44.7	48.4	72.6#
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#



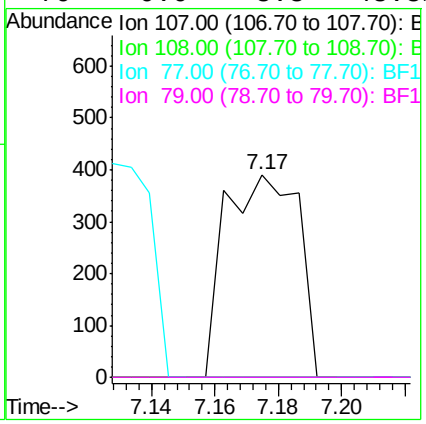


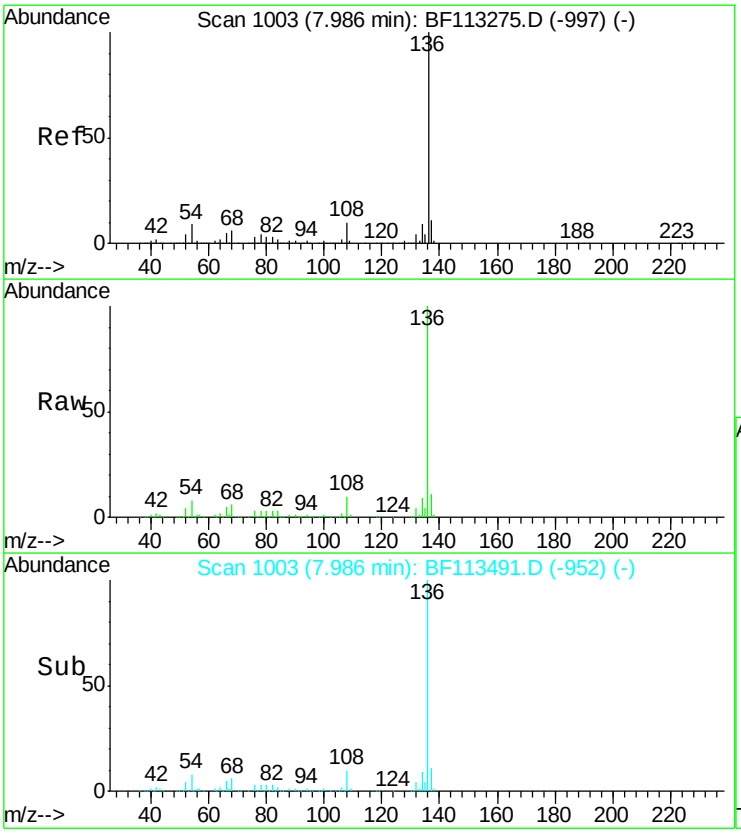
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.17 min Scan# 865
Delta R.T. 0.05 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 625

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	0.0	33.5	73.5#
79	0.0	8.3	48.3#

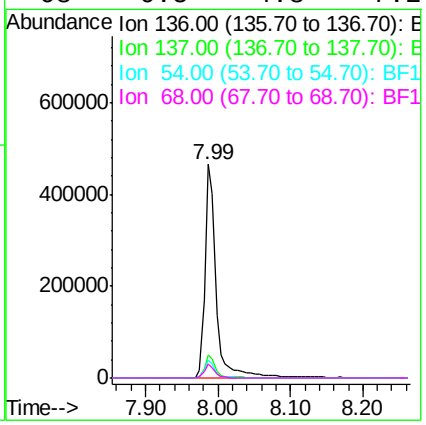


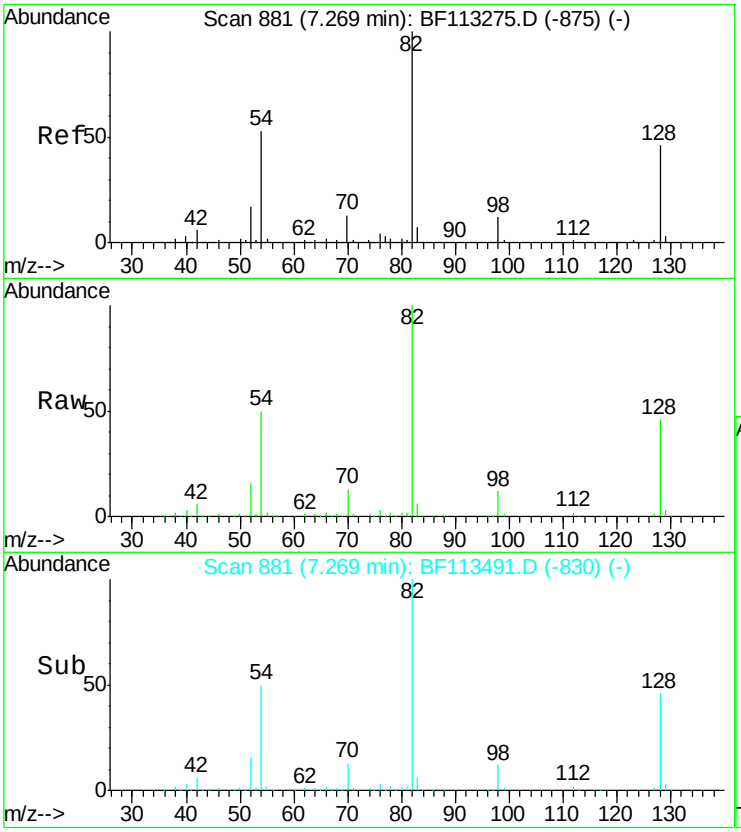


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:136 Resp: 507564

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	7.0	10.6
68	6.5	4.8	7.2



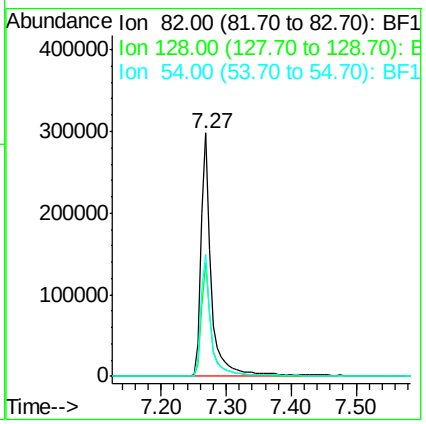


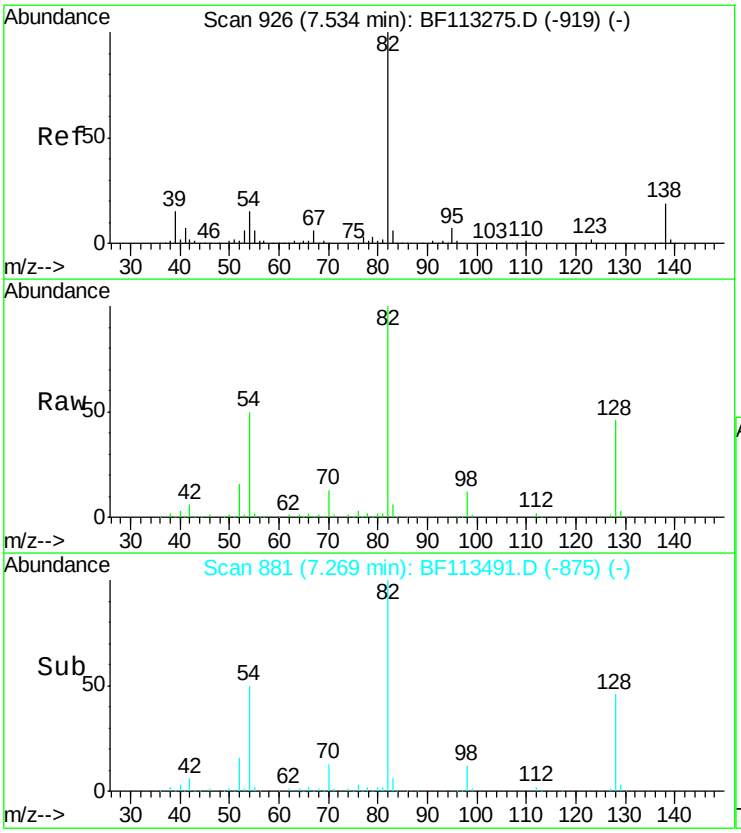
#23
Nitrobenzene-d5
Concen: 38.697 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 330913

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	50.1	42.2	63.2

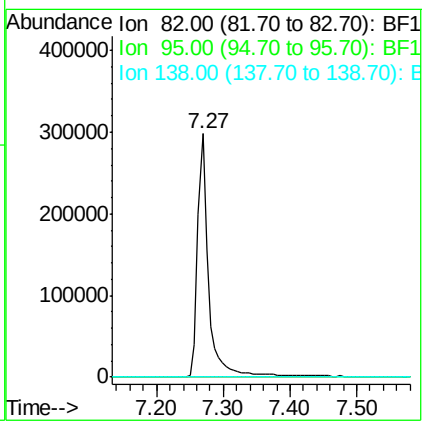


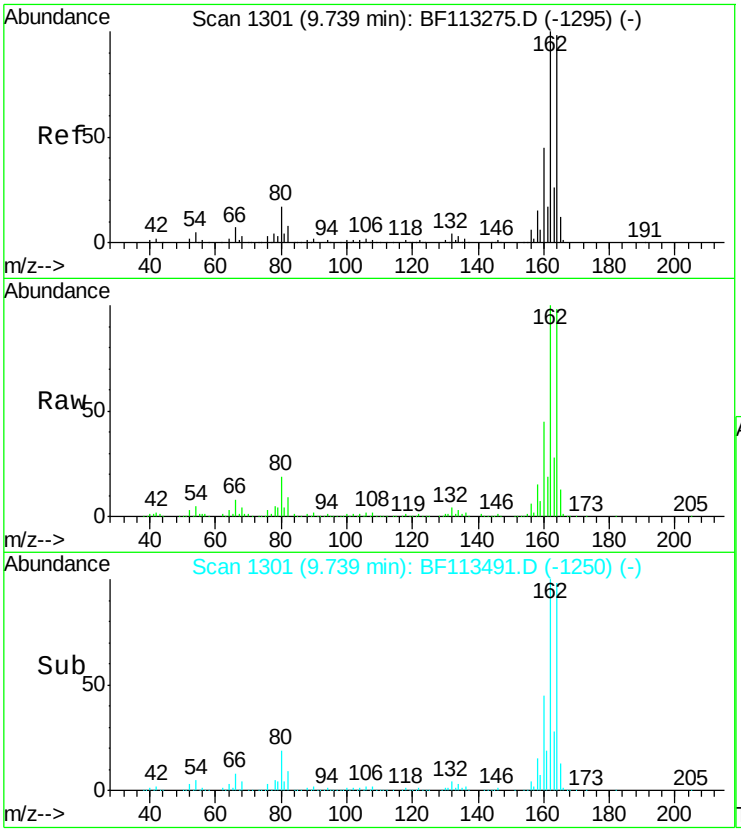


#25
Isophorone
Concen: 19.968 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion: 82 Resp: 330911

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



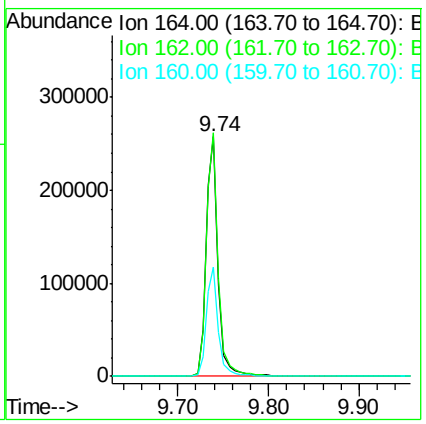


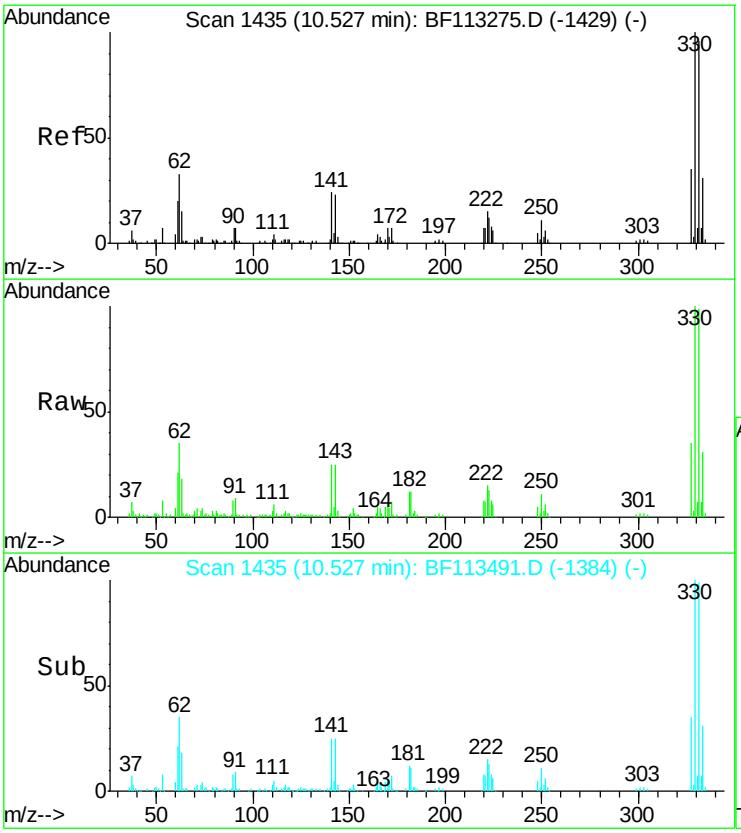
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 238339

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	45.7	36.4	54.6

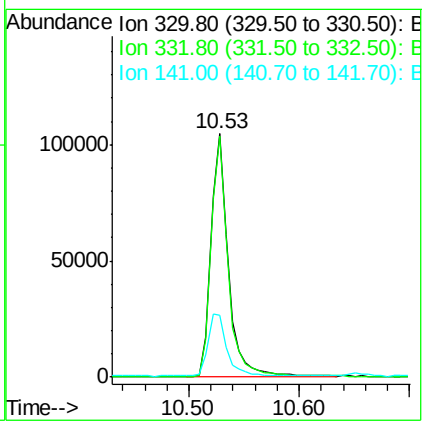


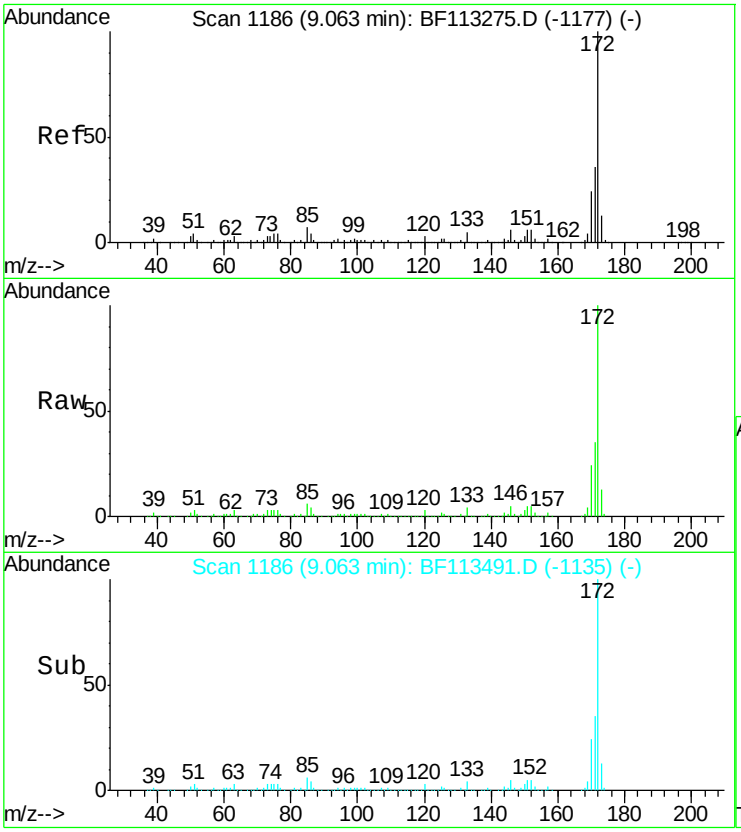


#42
2,4,6-Tribromophenol
Concen: 38.646 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:330 Resp: 113775

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.8	116.6
141	27.6	22.7	34.1



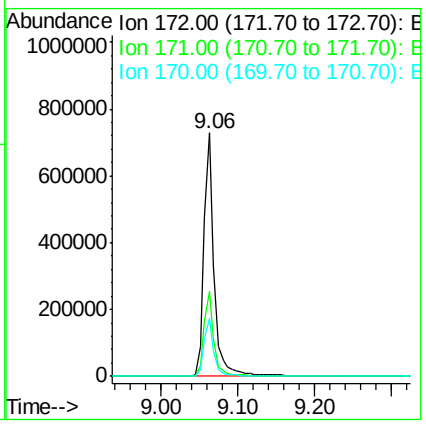


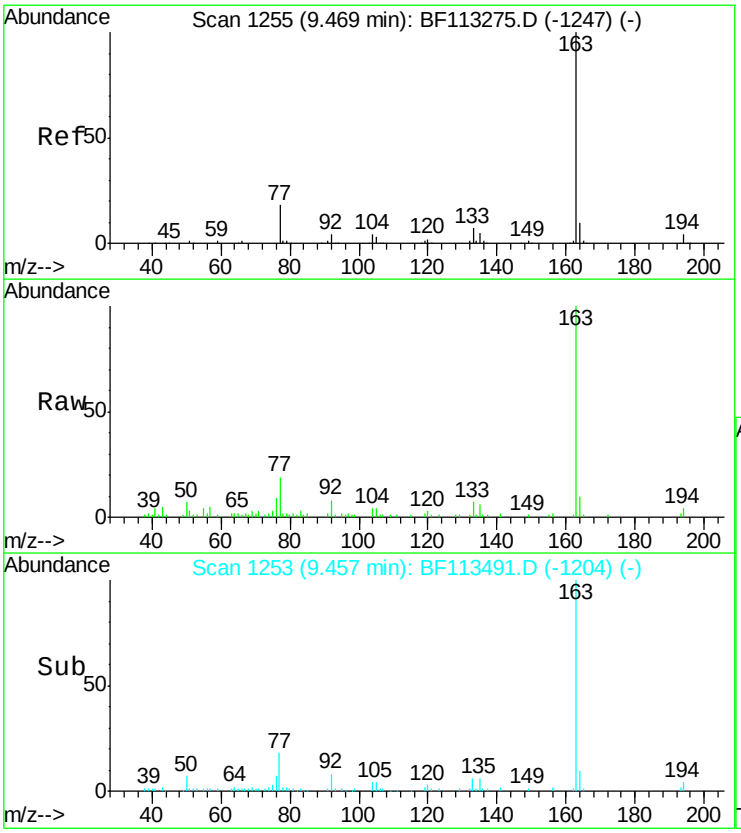
#45
2-Fluorobiphenyl
Concen: 33.805 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 675582

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.8	19.5	29.3

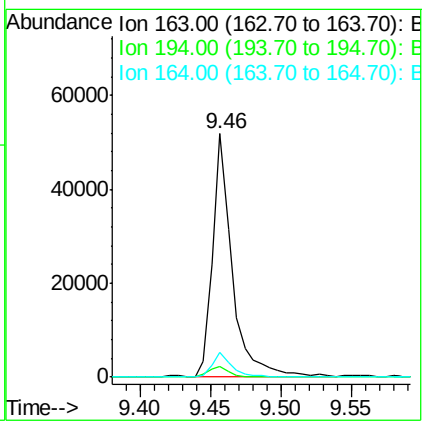


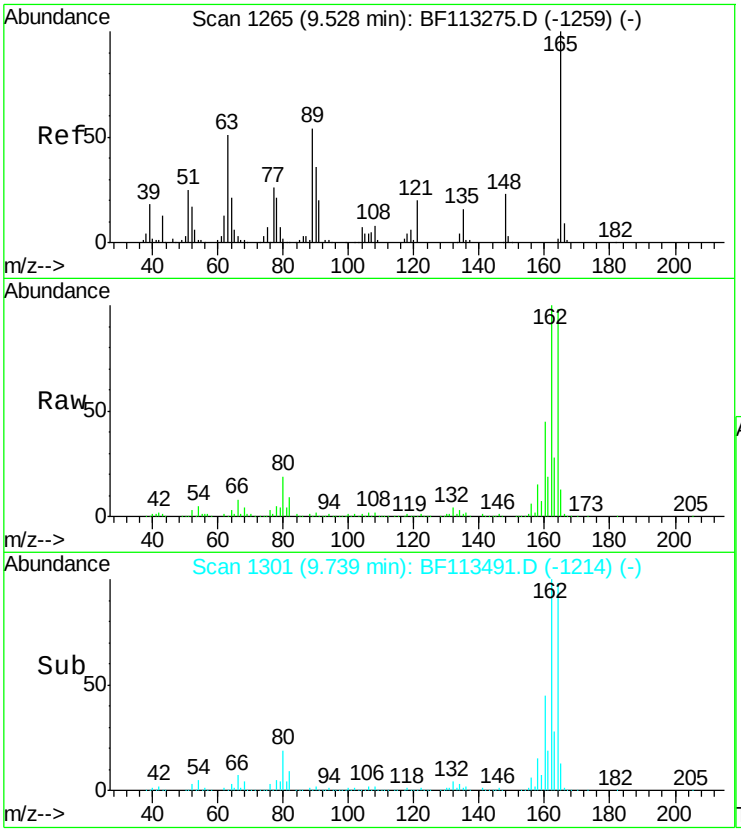


#50
Dimethylphthalate
Concen: 2.855 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:163 Resp: 50425

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.0	8.1	12.1



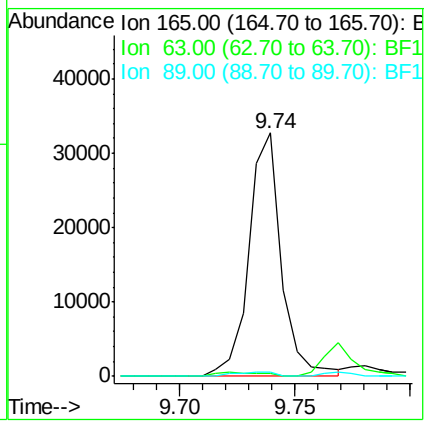


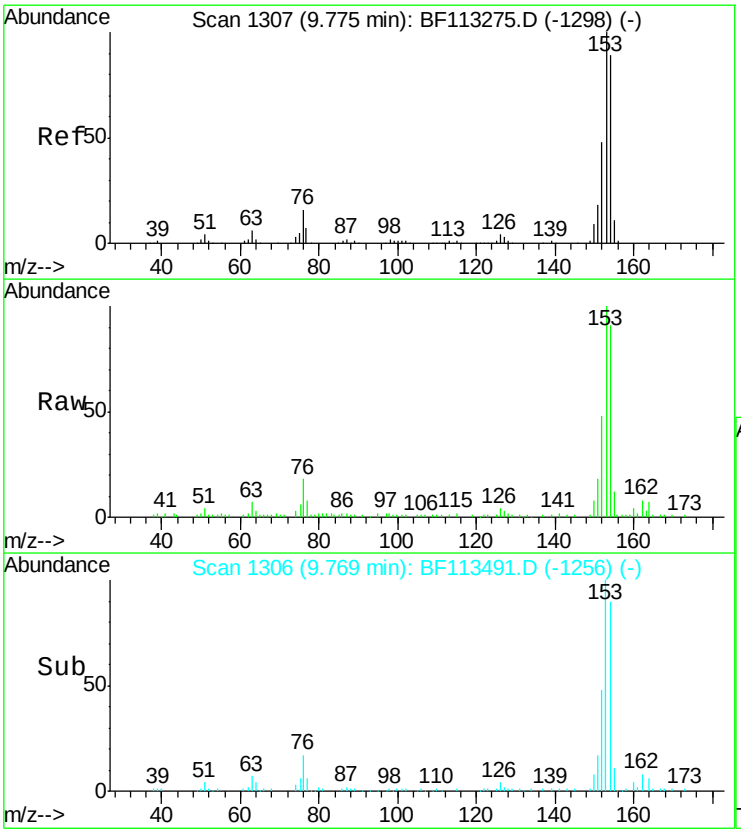
#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32194

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.8	43.1	64.7#

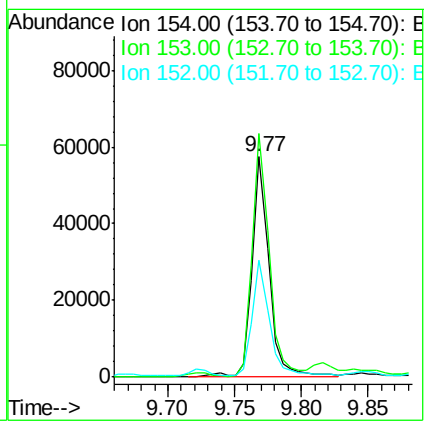


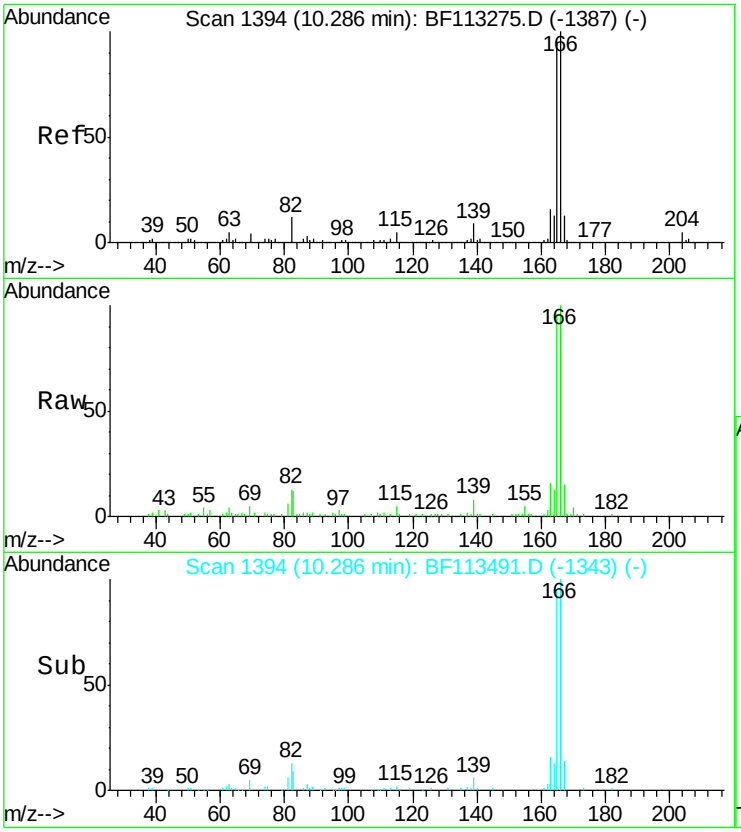


#52
Acenaphthene
Concen: 3.630 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:154 Resp: 50654

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.5	134.3
152	53.2	43.3	64.9



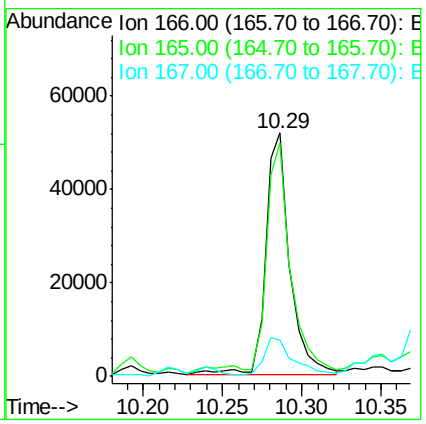


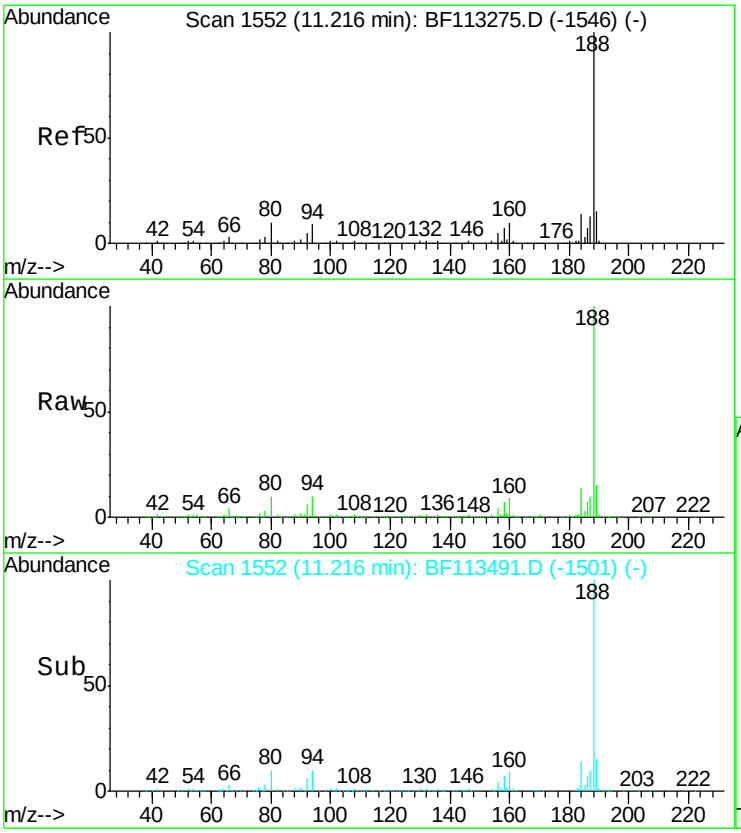
#58
Fluorene
Concen: 3.358 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 54732

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.2	114.2
167	14.9	10.7	16.1

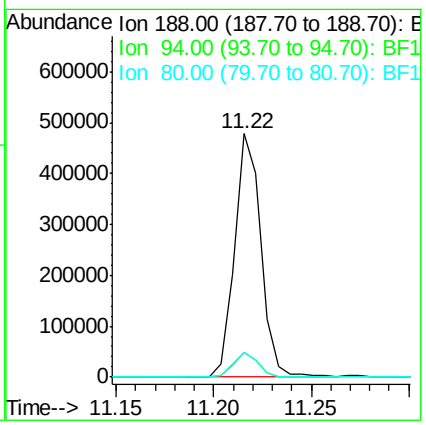


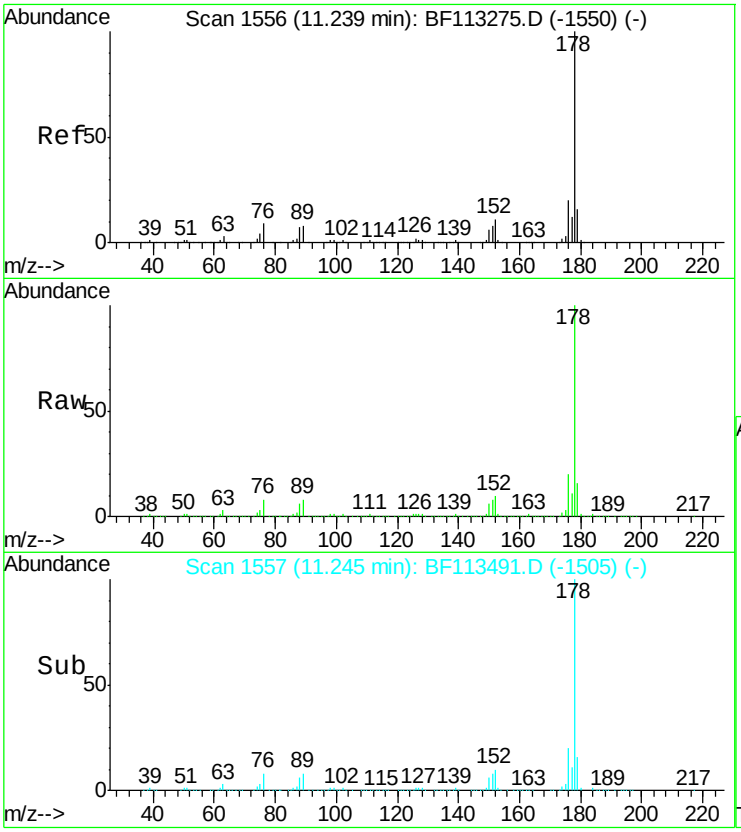


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:188 Resp: 444062

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	10.2	7.7	11.5



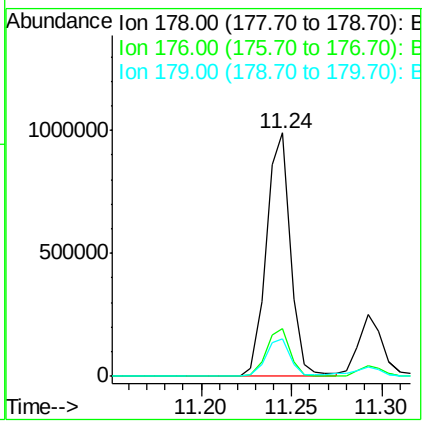


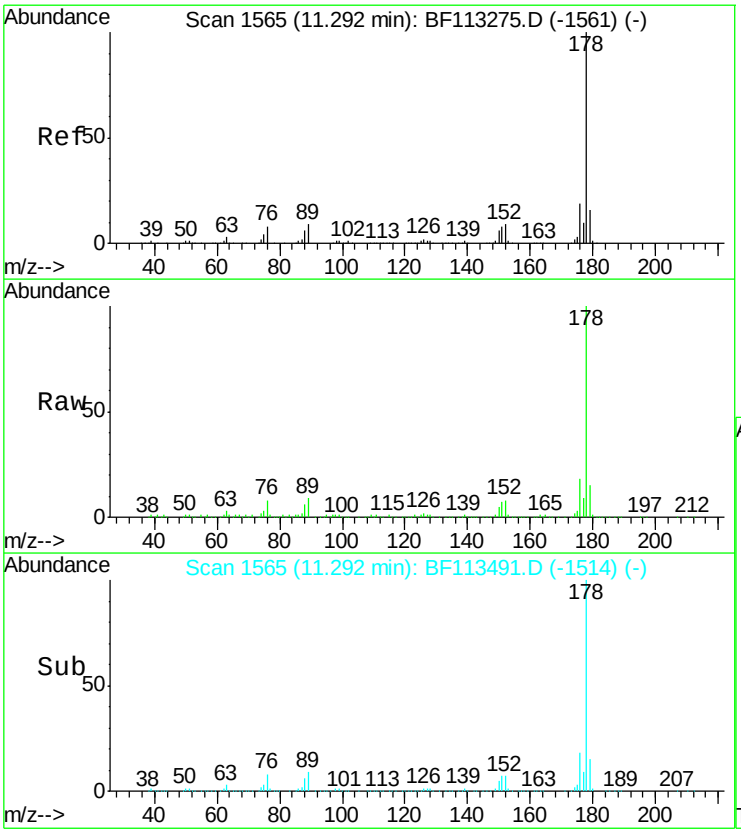
#71
Phenanthrene
Concen: 41.525 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 915713

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	15.6	12.7	19.1

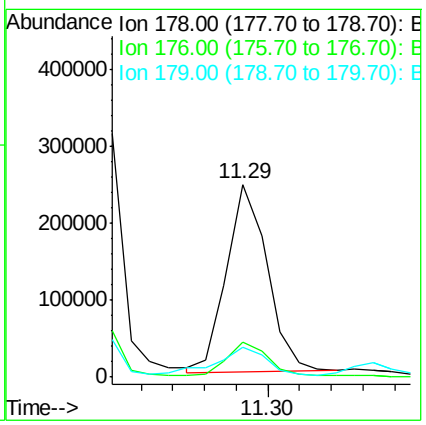


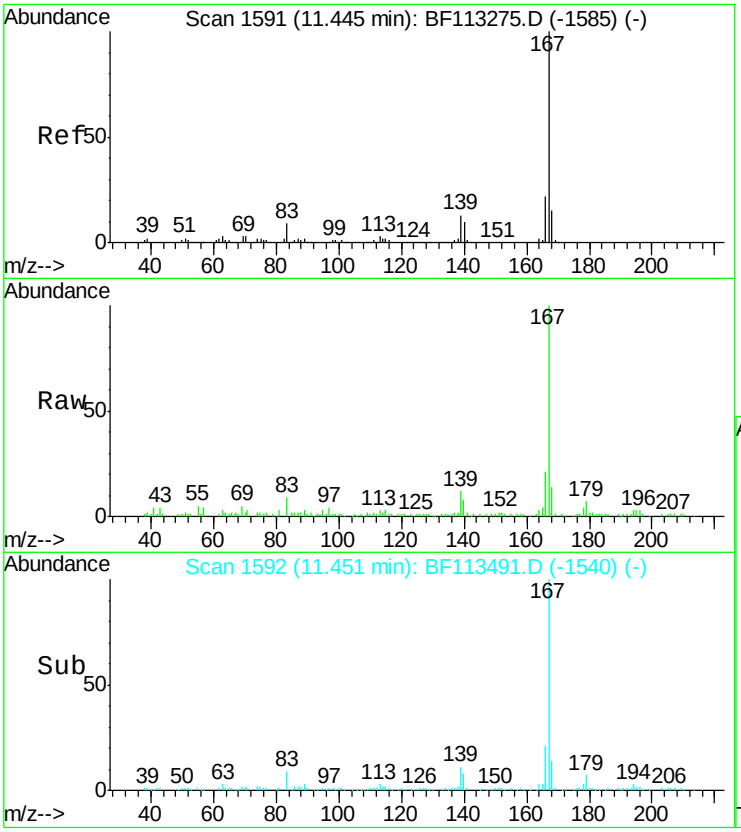


#72
Anthracene
Concen: 9.701 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:178 Resp: 217294

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.2	12.8	19.2



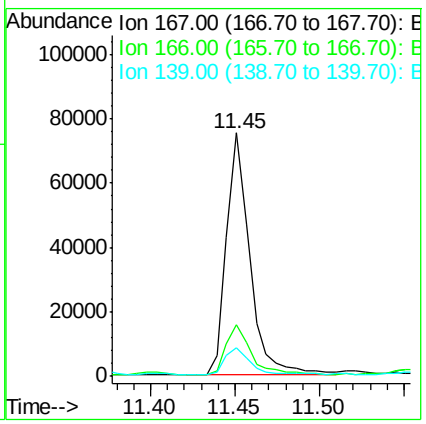


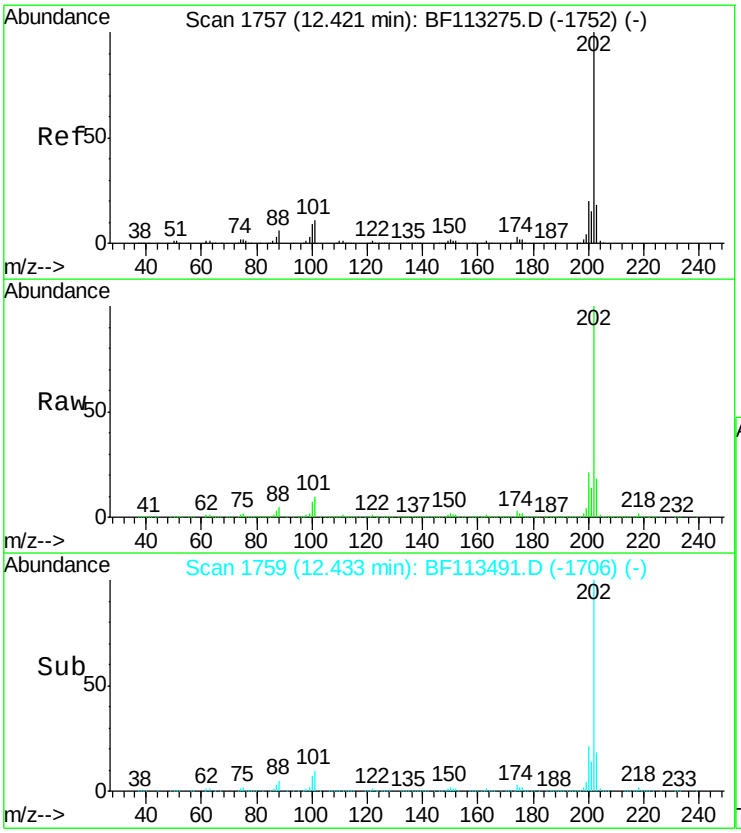
#73
Carbazole
Concen: 3.403 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 72740

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	11.9	10.4	15.6

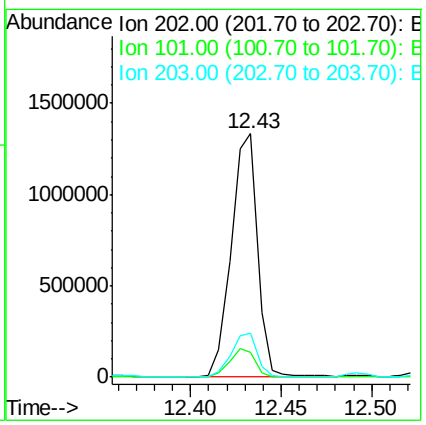


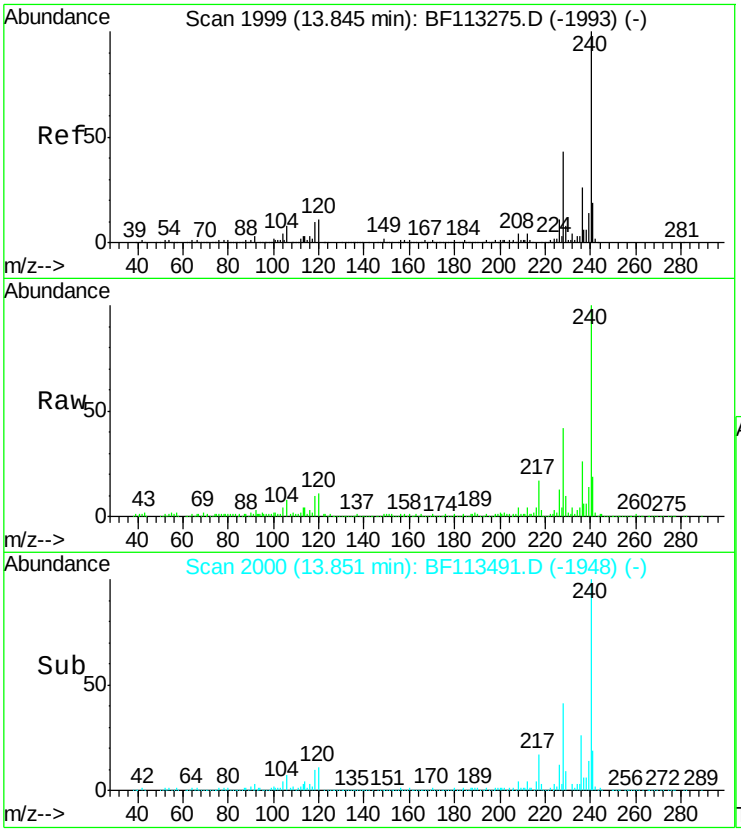


#75
Fluoranthene
Concen: 53.952 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:202 Resp: 1344992

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.9	0.0	38.0



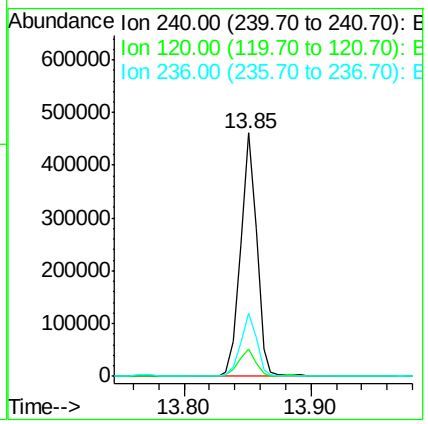


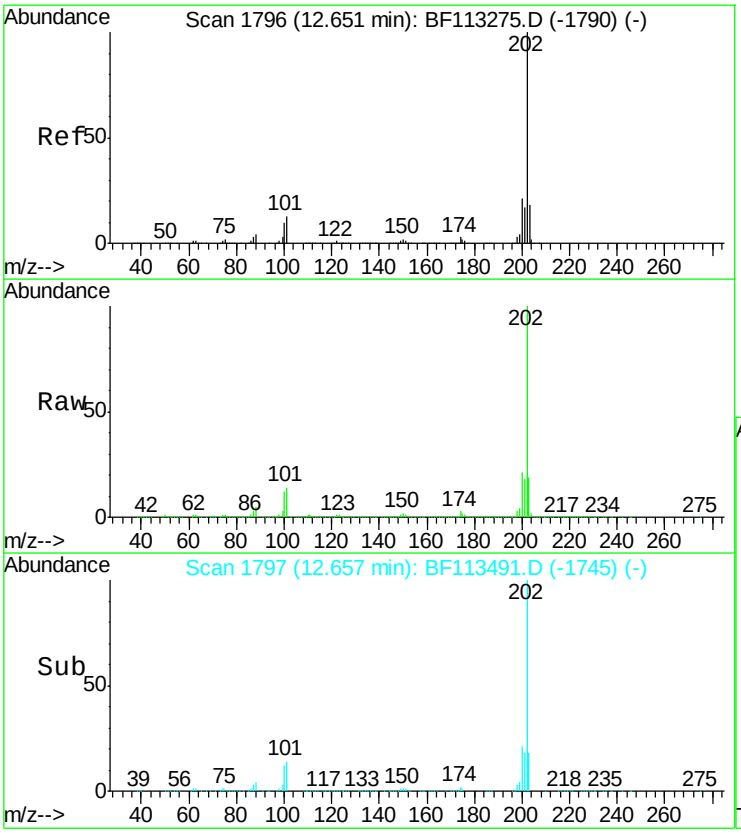
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 402771

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.8	20.9	31.3

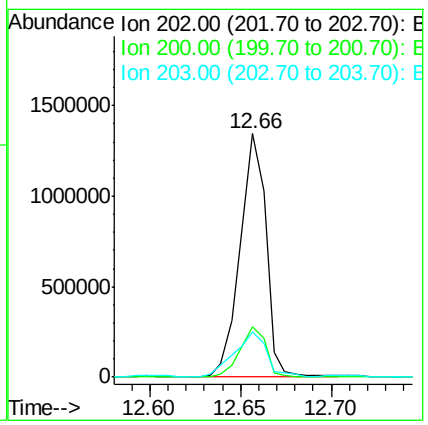


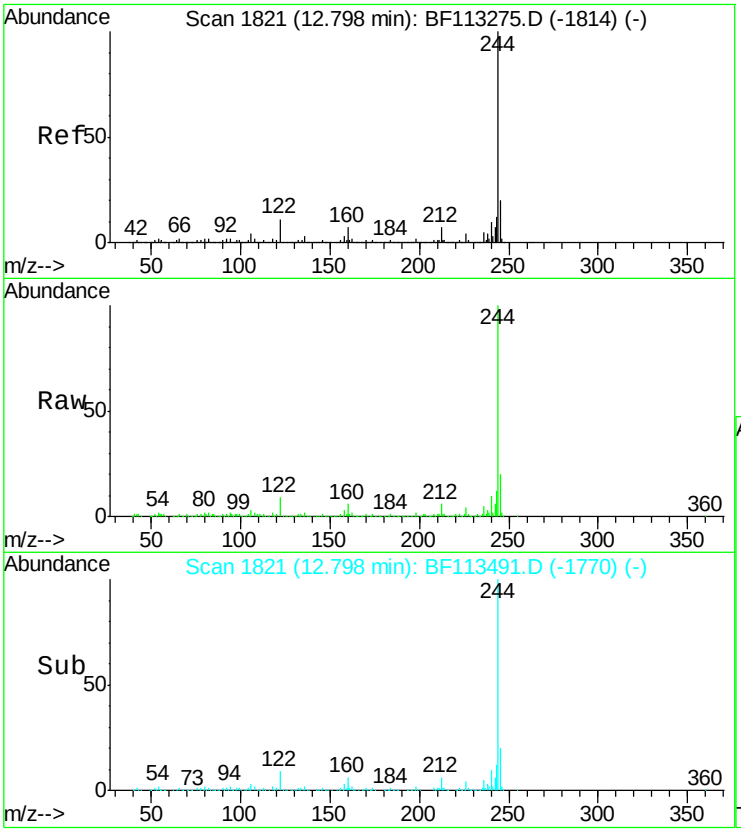


#78
Pyrene
Concen: 48.037 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:202 Resp: 1340745

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.5	14.4	21.6



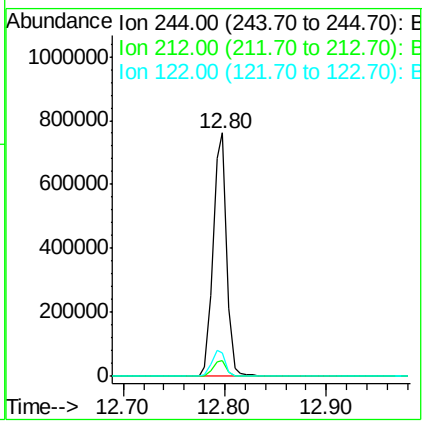


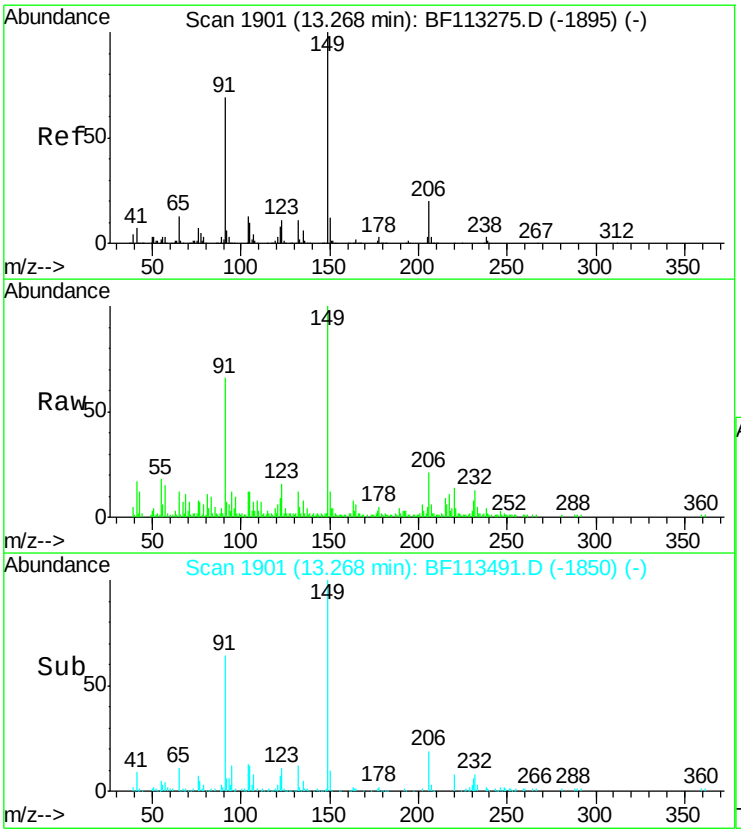
#79
Terphenyl-d14
Concen: 38.665 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 706529

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	9.4	8.6	13.0

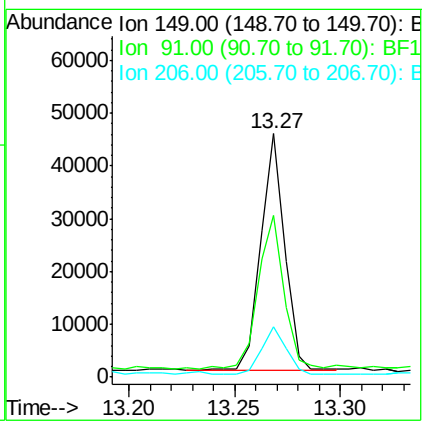


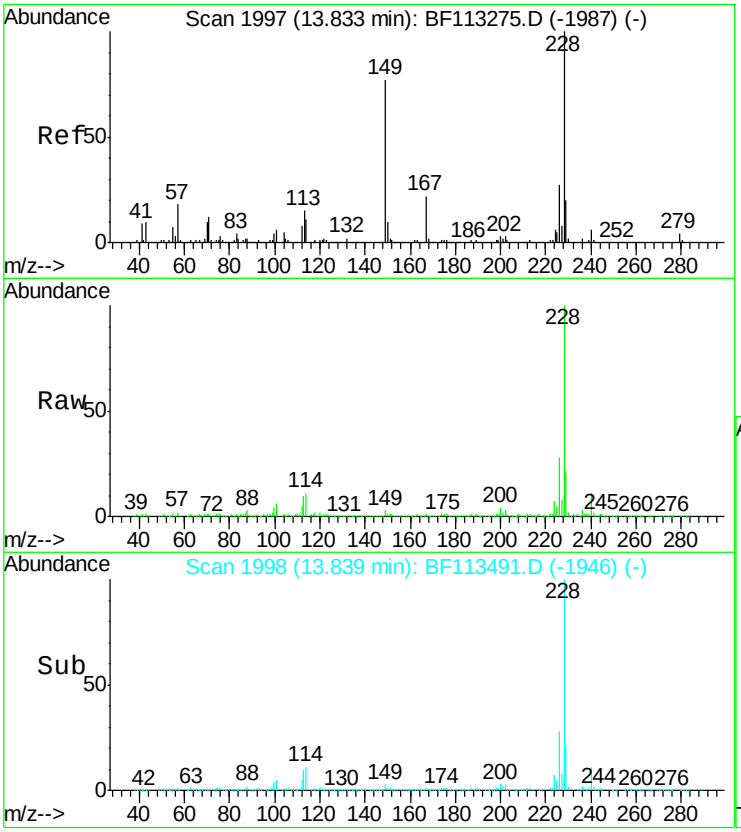


#80
Butylbenzylphthalate
Concen: 2.892 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:149 Resp: 35576

Ion	Ratio	Lower	Upper
149	100		
91	66.3	55.2	82.8
206	20.9	16.1	24.1



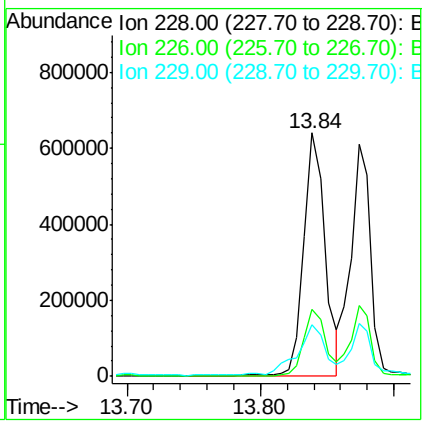


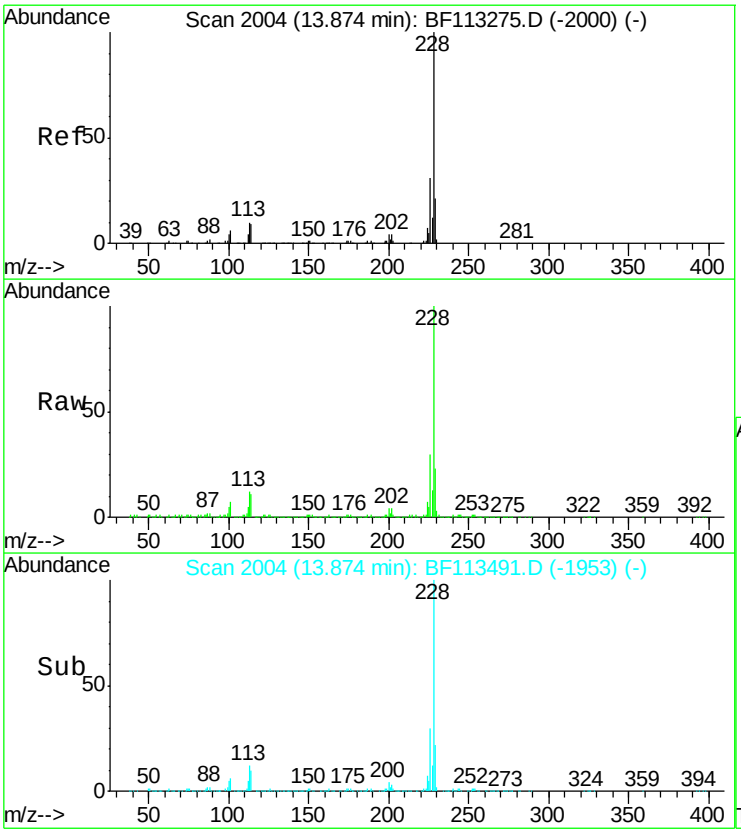
#81
Benzo(a)anthracene
Concen: 30.414 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 701193

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.9	16.2	24.4

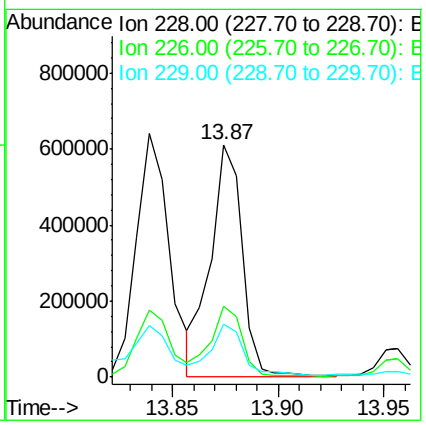


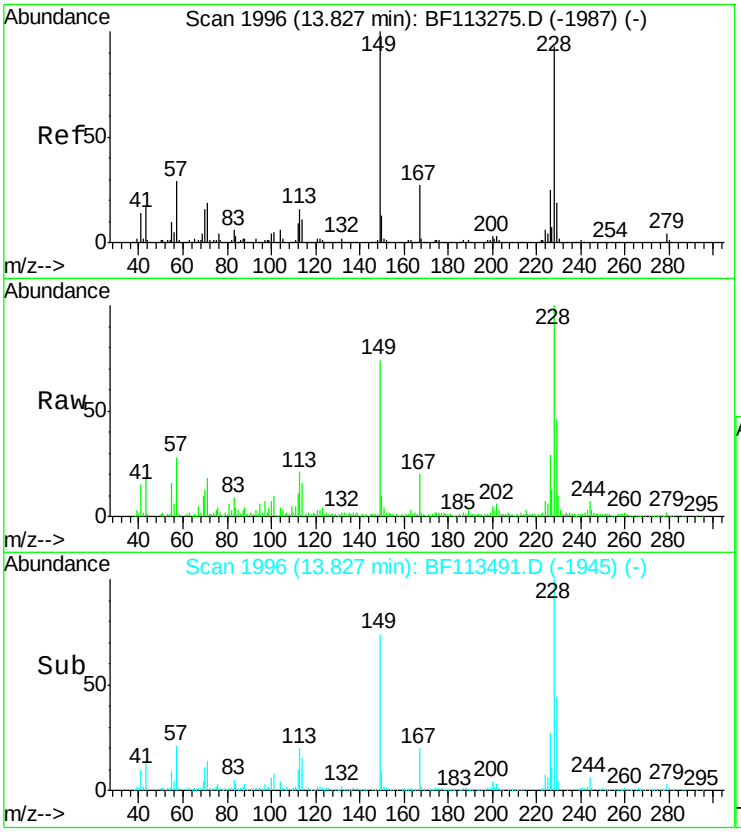


#83
Chrysene
Concen: 27.170 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:228 Resp: 636267

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	22.6	16.3	24.5



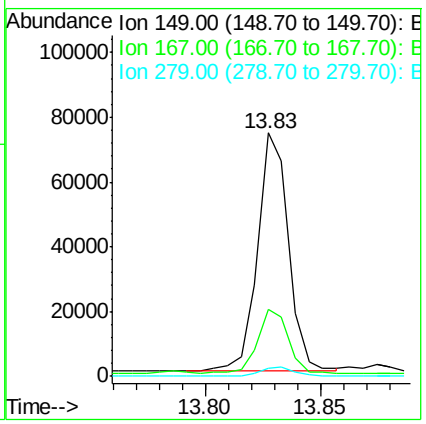


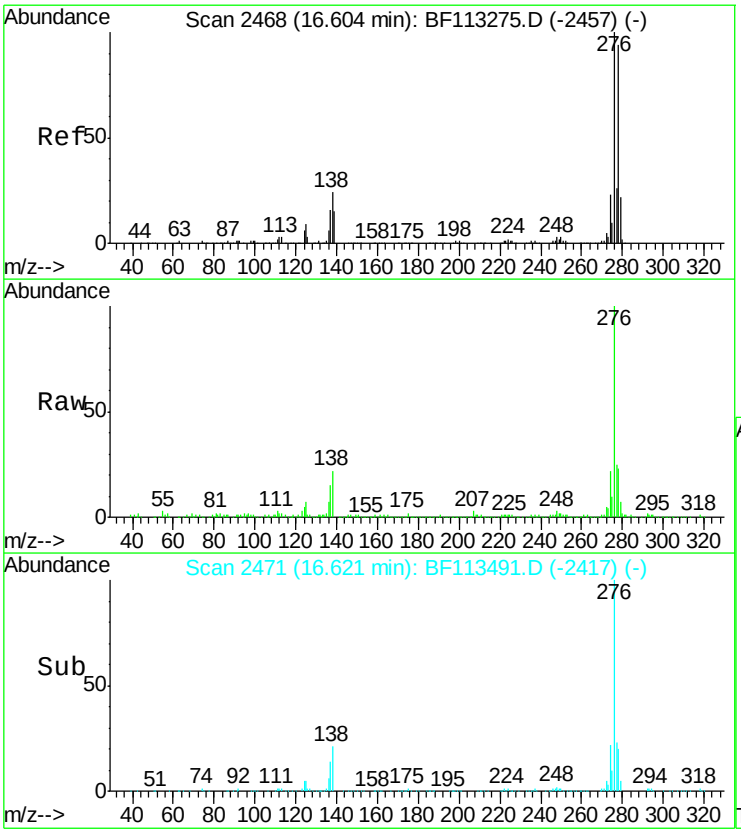
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.541 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 68473

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.3	2.9	4.3

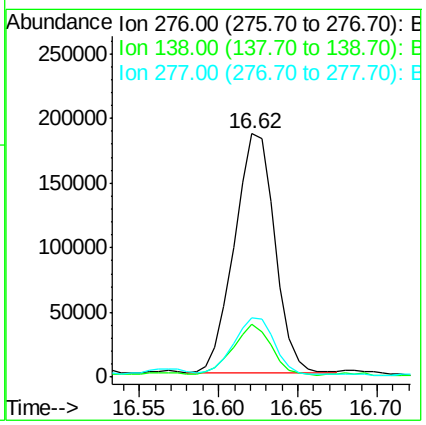


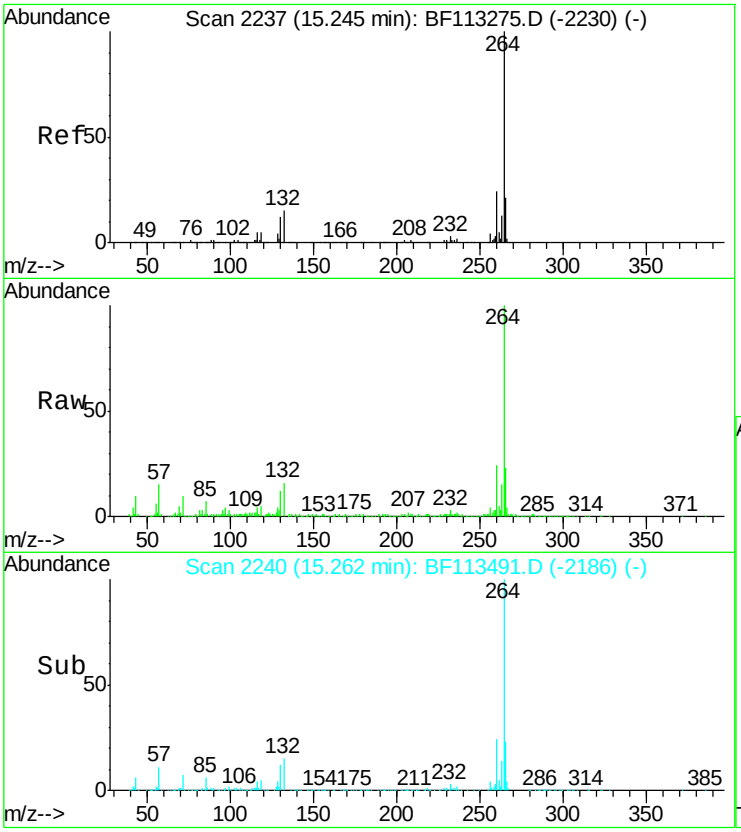


#86
Indeno(1,2,3-cd)pyrene
Concen: 16.273 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.02 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:276 Resp: 327050

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.1	27.1
277	24.0	20.2	30.4



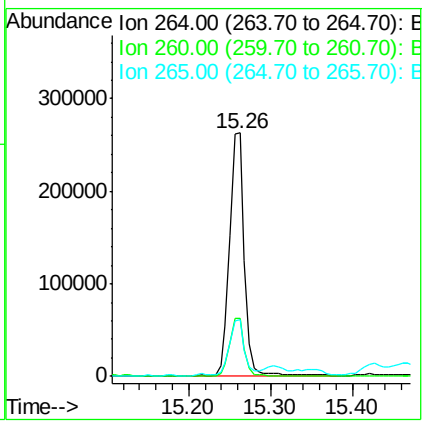


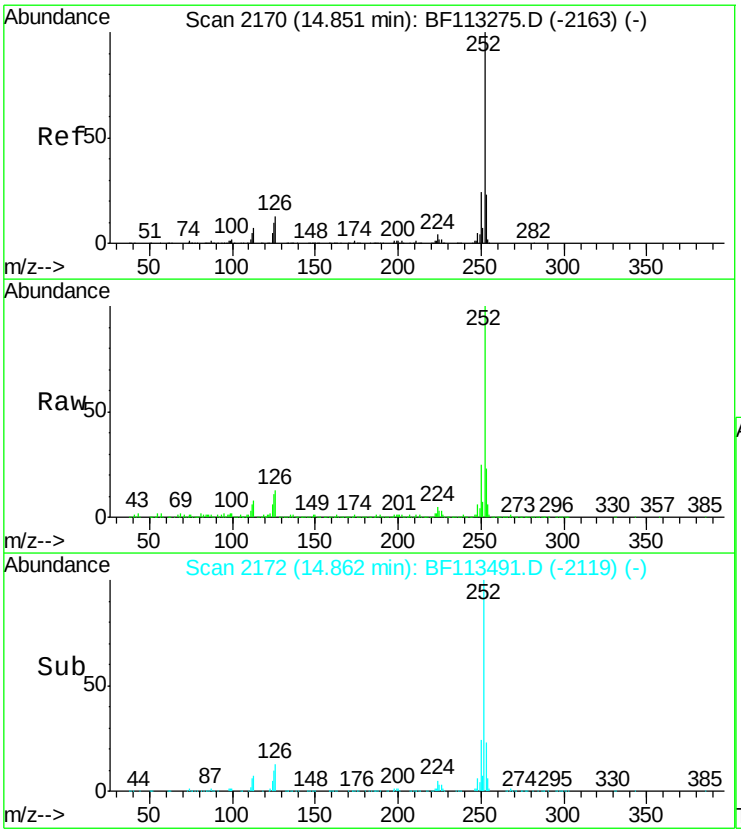
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 333677

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	23.3	17.1	25.7

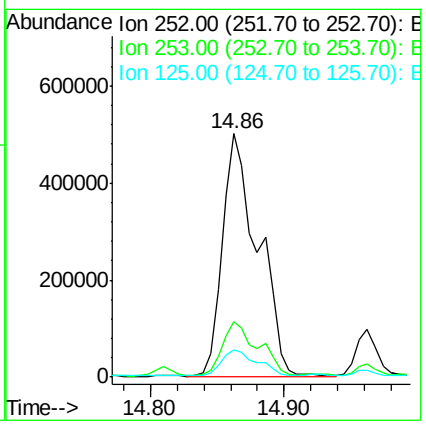


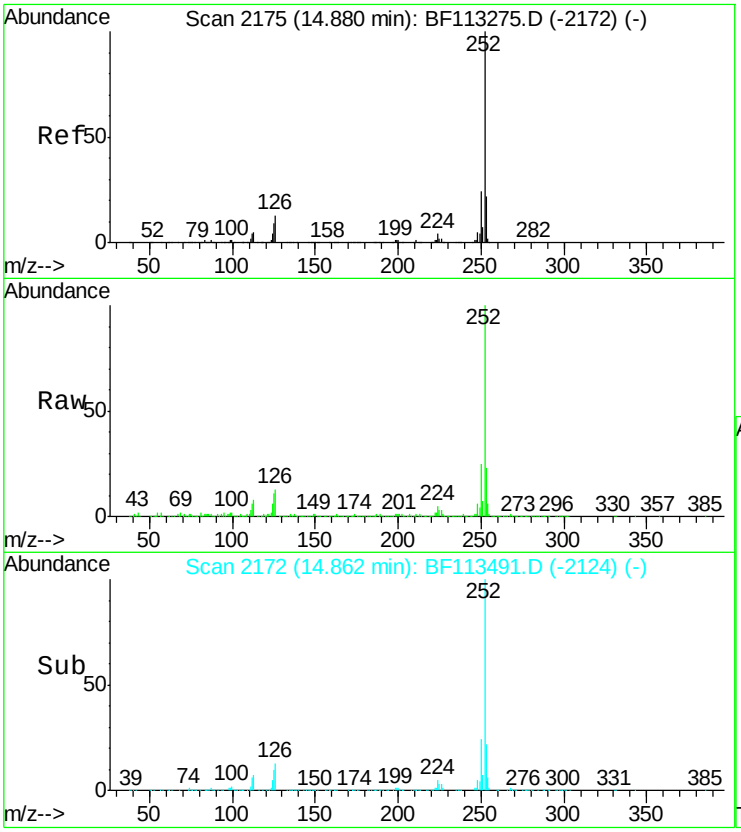


#88
Benzo(b)fluoranthene
Concen: 44.577 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:252 Resp: 923981

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.0	7.6	11.4



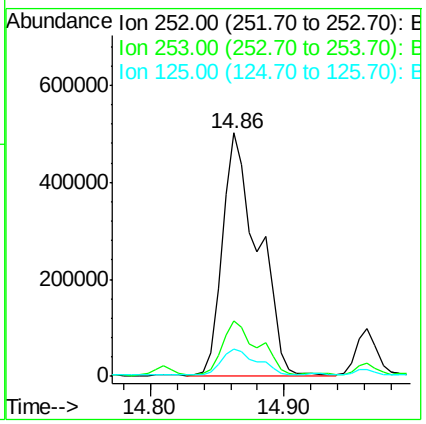


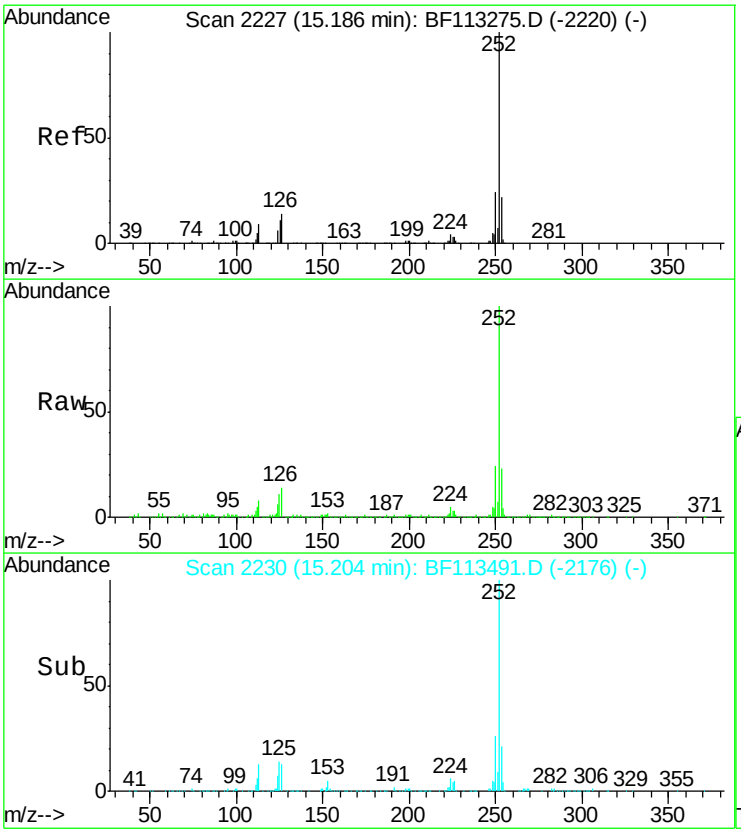
#89
Benzo(k)fluoranthene
Concen: 50.760 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 923981

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.0	7.3	10.9#

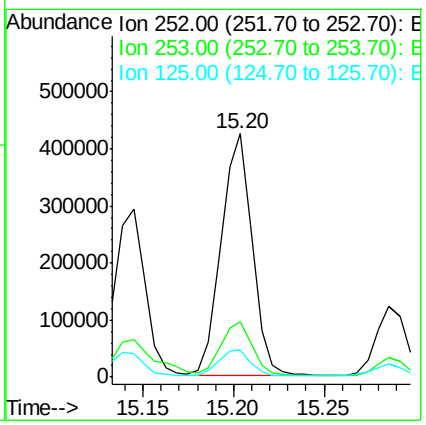


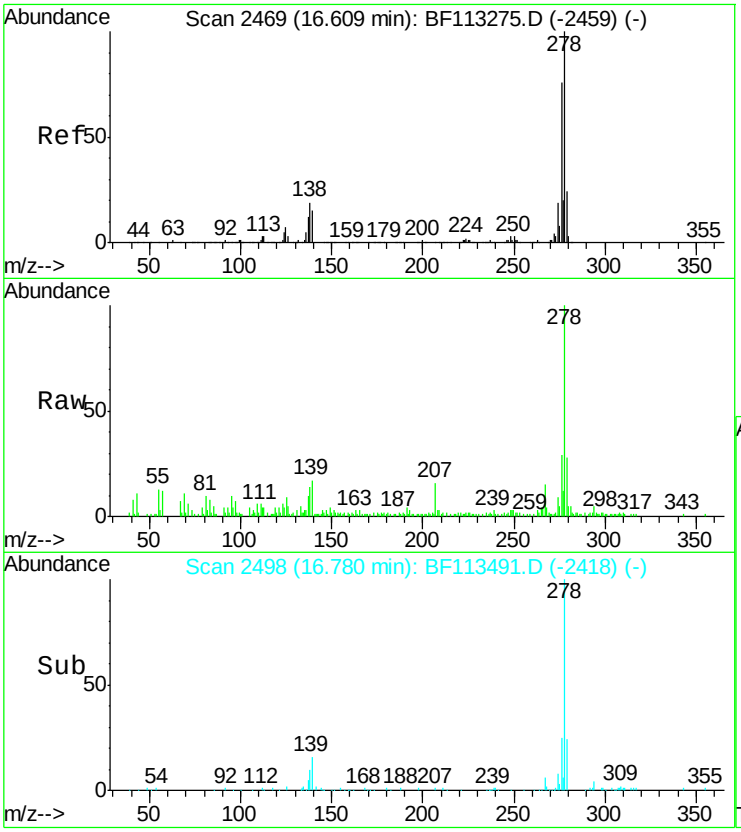


#90
Benzo(a)pyrene
Concen: 27.664 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:252 Resp: 508361

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.2	8.8	13.2



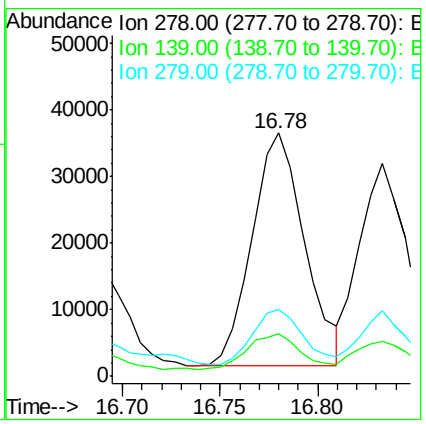


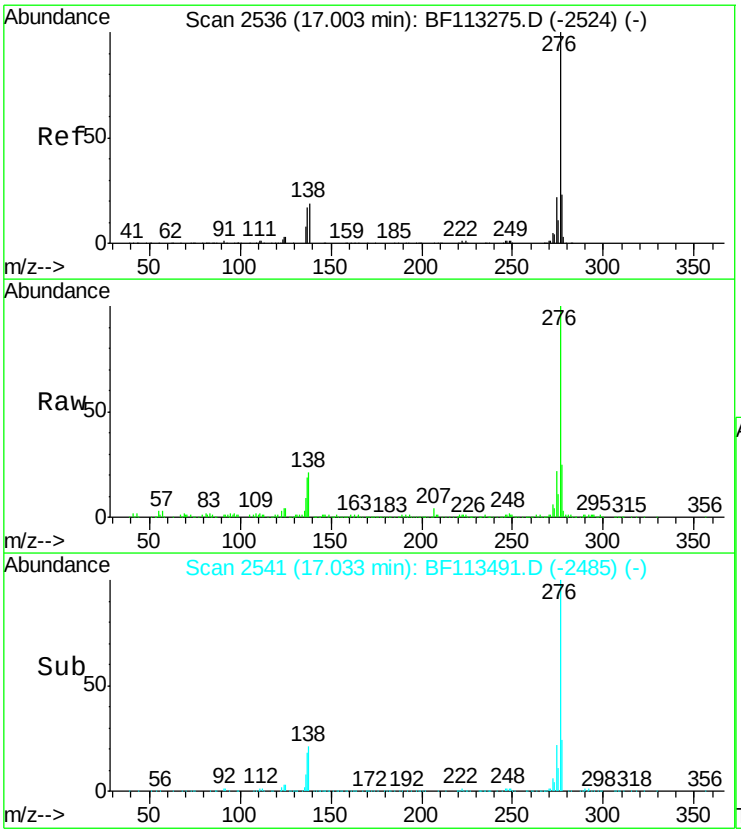
#91
Dibenzo(a,h)anthracene
Concen: 4.131 ng
RT: 16.78 min Scan# 2498
Delta R.T. 0.17 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 65635

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.0	18.0
279	27.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 21.142 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.03 min
Lab File: BF113491.D
Acq: 2 Apr 2019 5:14

Tgt Ion:276 Resp: 338710

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	21.2	15.6	23.4