Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119286.D
Acq On : 9 Mar 2020 14:37
Operator : CG/JU
Sample : L1761-01DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 09 15:34:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120226	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	477916	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	265226	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	499250	20.00	ng		0.00
76) Chrysene-d12	13.89	240	294676	20.00	ng		0.00
87) Perylene-d12	15.31	264	324753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	27054	3.76	ng		0.02
7) Phenol-d6	6.40	99	37558	4.29	ng		0.02
23) Nitrobenzene-d5	7.29	82	24561	2.71	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	12832	3.70	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	58947	3.27	ng		-0.01
79) Terphenyl-d14	12.82	244	71443	4.17	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.03	128	764405	30.841	ng		97
32) Benzoic acid	7.83	122	817	6.830	ng		92
33) 4-Chloroaniline	8.03	127	101031	9.477	ng	#	36
35) Caprolactam	8.72	113	17701	7.587	ng	#	5
37) 2-Methylnaphthalene	8.72	142	718235	43.060	ng		99
38) 1-Methylnaphthalene	8.82	142	593548	37.838	ng		98
46) 1,1'-Biphenyl	9.18	154	113782	5.308	ng		98
52) Acenaphthene	9.79	154	346414	23.027	ng		98
54) 2,4-Dinitrophenol	10.05	184	616	7.730	ng	#	75
55) Dibenzofuran	9.96	168	166837	7.430	ng	#	94
58) Fluorene	10.30	166	578085	33.132	ng		99
71) Phenanthrene	11.28	178	2573902	94.536	ng		99
72) Anthracene	11.32	178	959153	35.258	ng		98
73) Carbazole	11.48	167	98368	4.059	ng		98
75) Fluoranthene	12.46	202	1161668	40.196	ng		100
78) Pyrene	12.69	202	1456909	61.571	ng		99
81) Benzo(a)anthracene	13.87	228	510733	25.437	ng		99
83) Chrysene	13.91	228	433404	21.663	ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	141633	7.311	ng		95
88) Benzo(b)fluoranthene	14.91	252	447111	20.887	ng		98
89) Benzo(k)fluoranthene	14.91	252	447111	22.539	ng		98
90) Benzo(a)pyrene	15.26	252	326975	16.925	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	48648	2.862	ng		93
92) Benzo(g,h,i)perylene	17.14	276	133228	7.932	ng		98

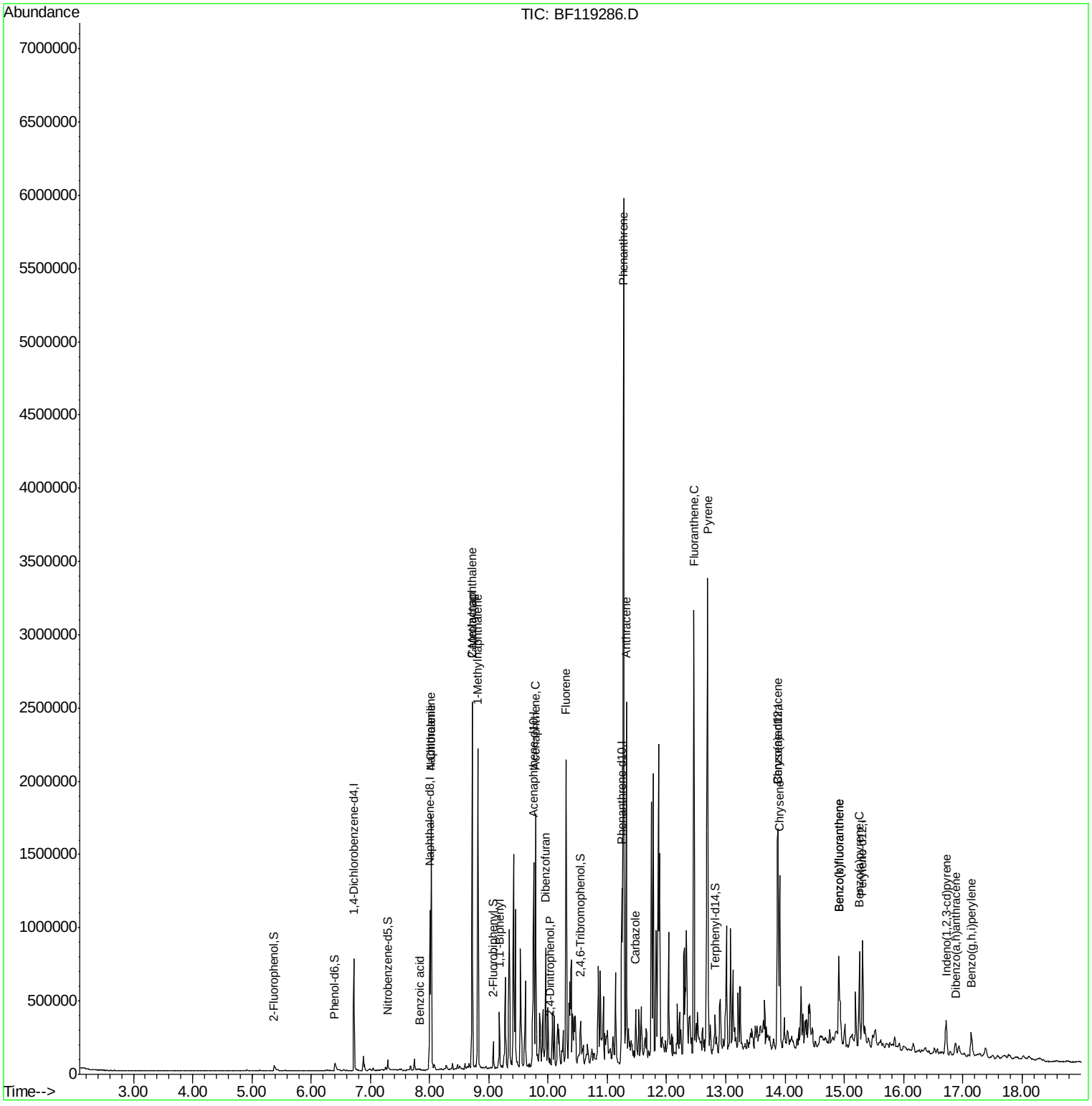
(#) = qualifier out of range (m) = manual integration (+) = signals summed

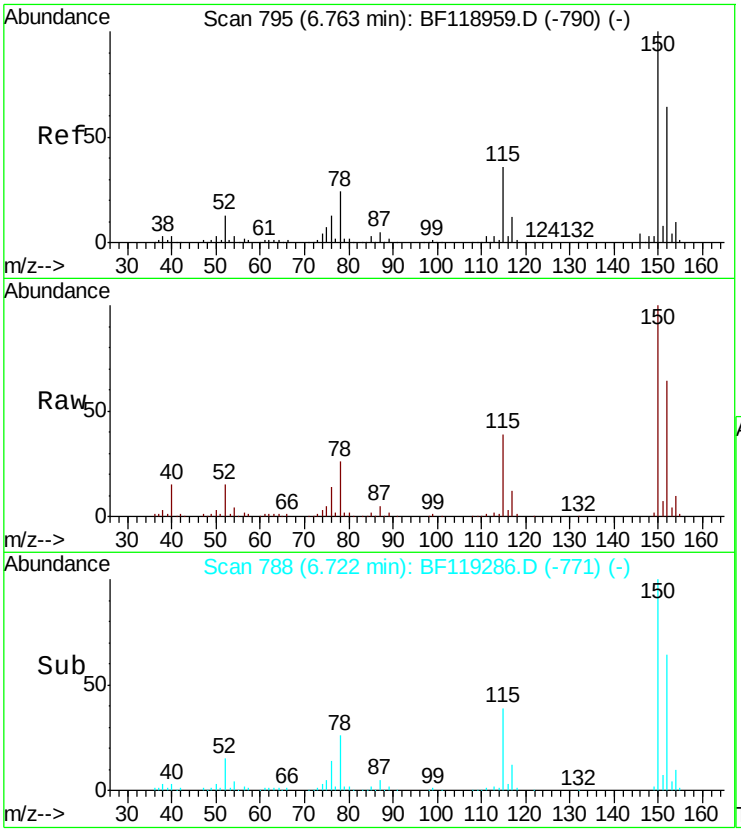
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119286.D
Acq On : 9 Mar 2020 14:37
Operator : CG/JU
Sample : L1761-01DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 15:34:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



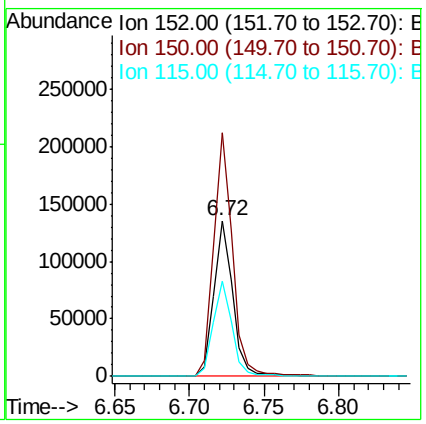


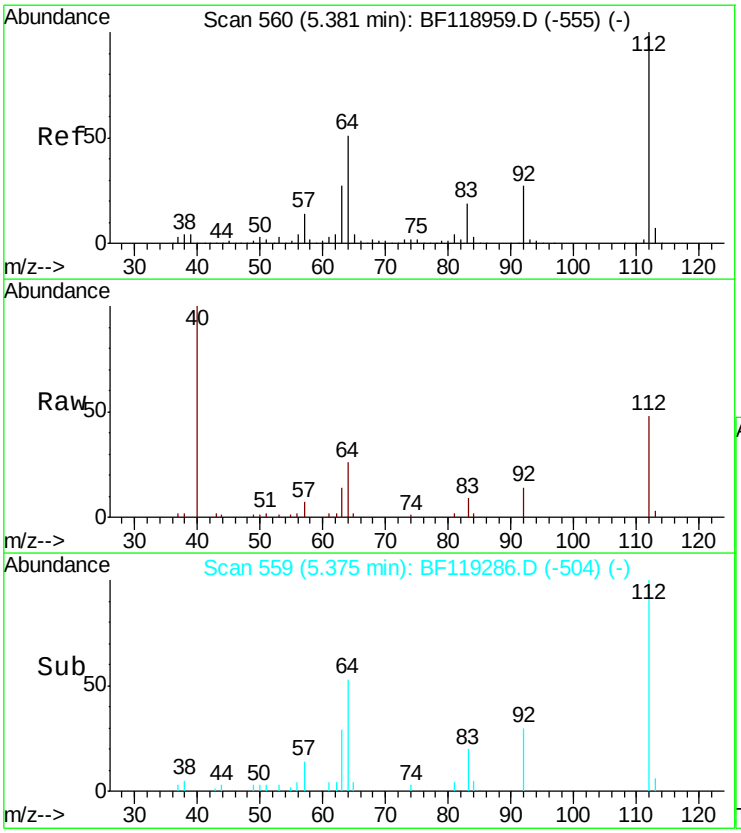
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120226

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.6
115	61.4	49.5	74.3

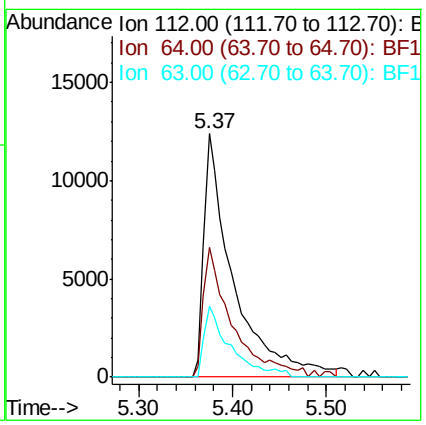


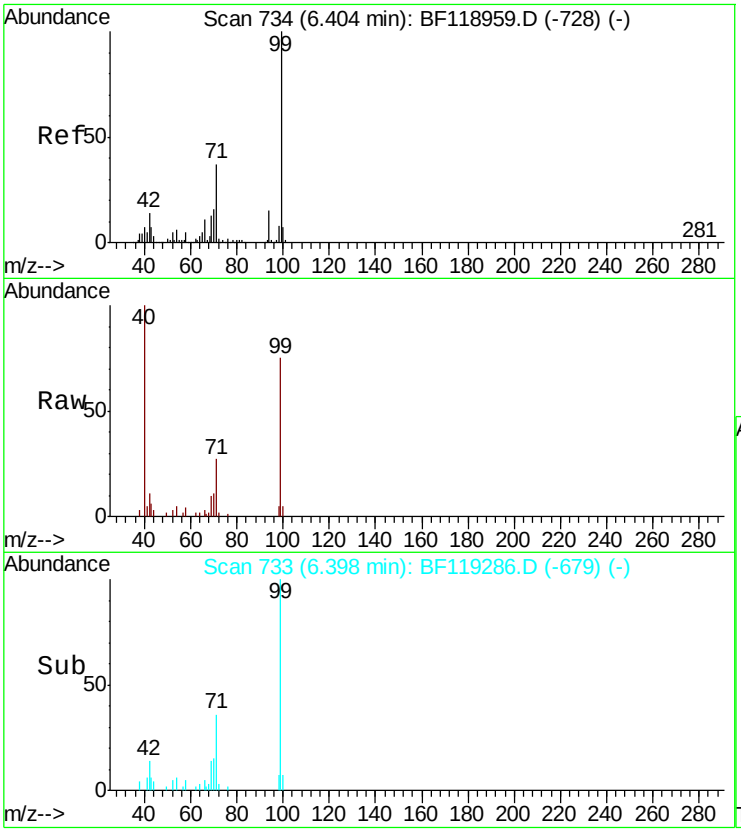


#5
2-Fluorophenol
Concen: 3.761 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:112 Resp: 27054

Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.0	67.4
63	29.3	24.2	36.4



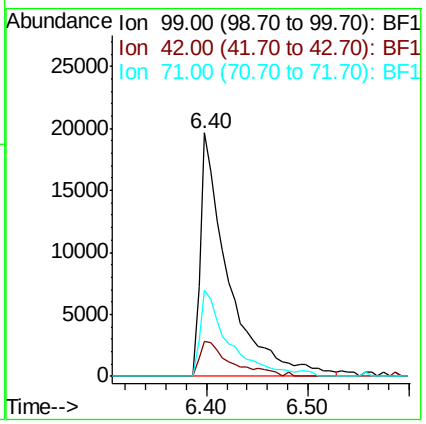


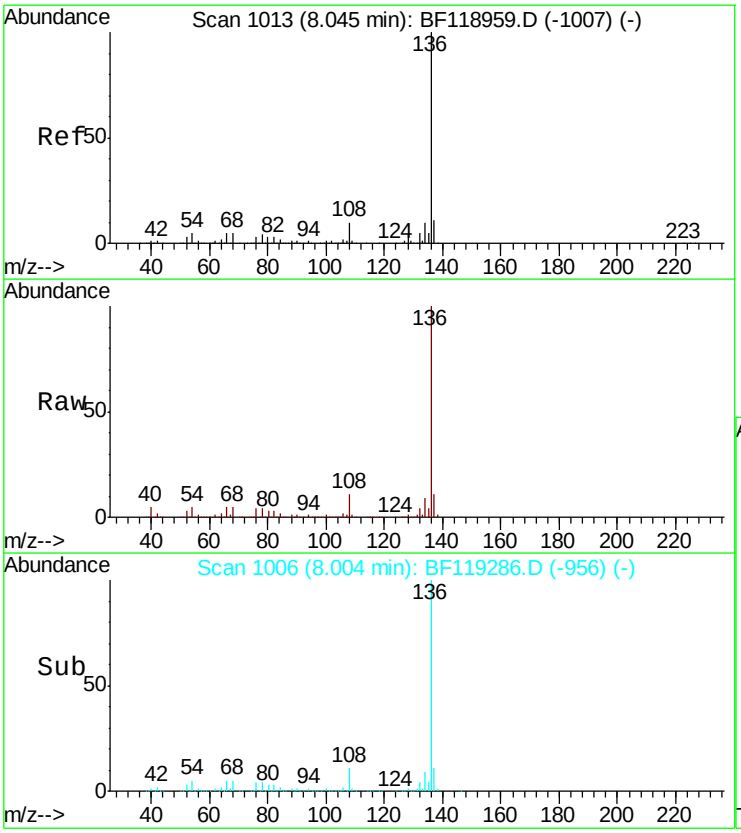
#7
Phenol-d6
Concen: 4.293 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.02 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 37558

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.6	18.8
71	35.5	31.0	46.4

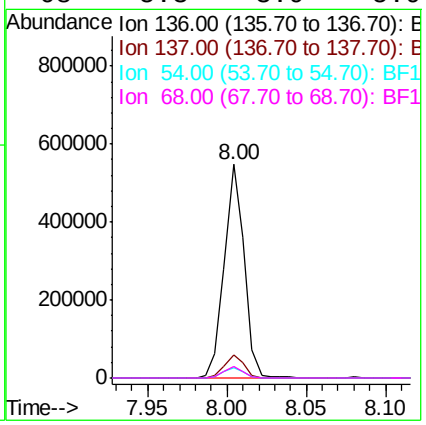


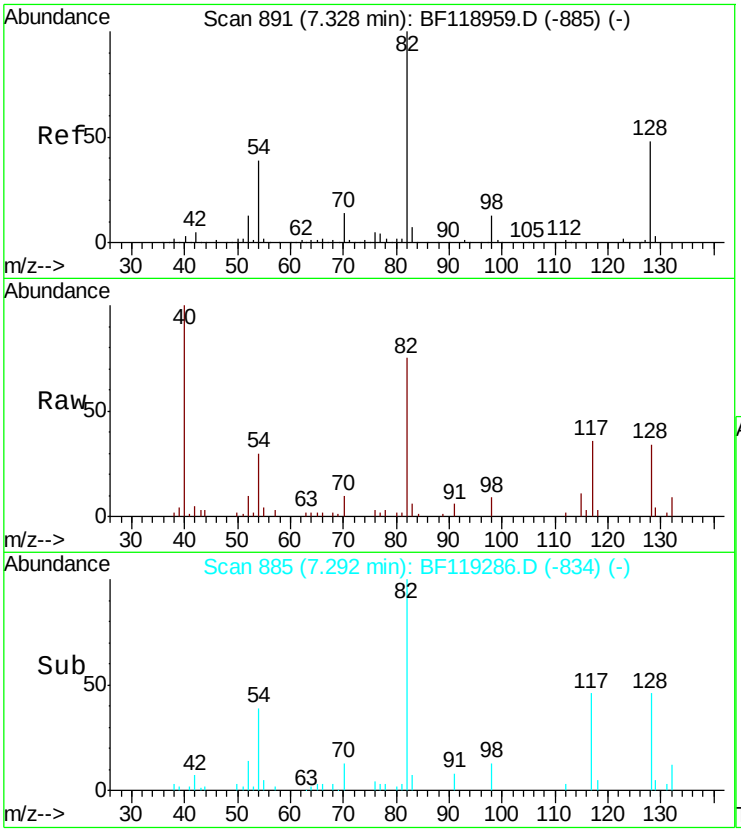


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:136 Resp: 477916

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.0	3.8	5.6
68	5.3	3.9	5.9



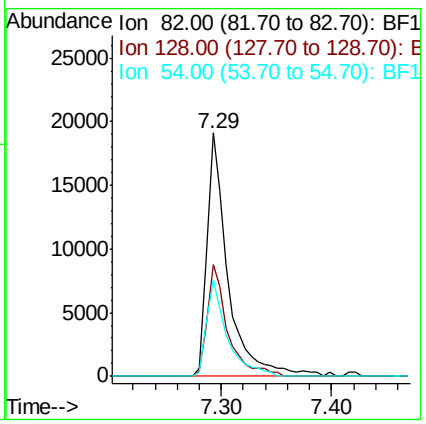


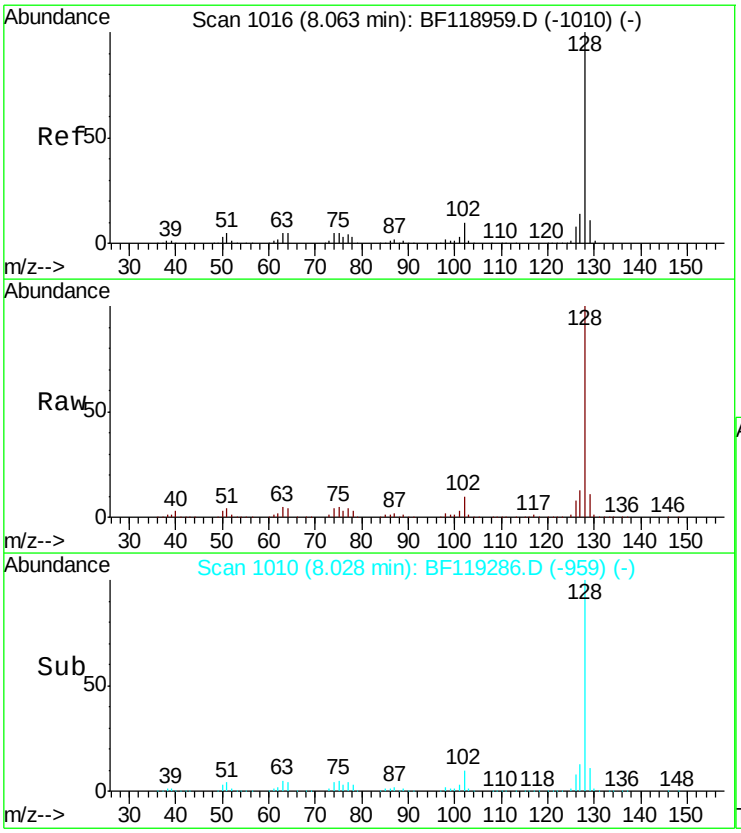
#23
Nitrobenzene-d5
Concen: 2.713 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 24561

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.9	56.9
54	39.5	33.4	50.2

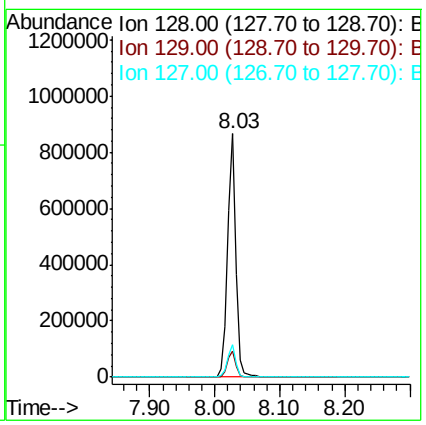


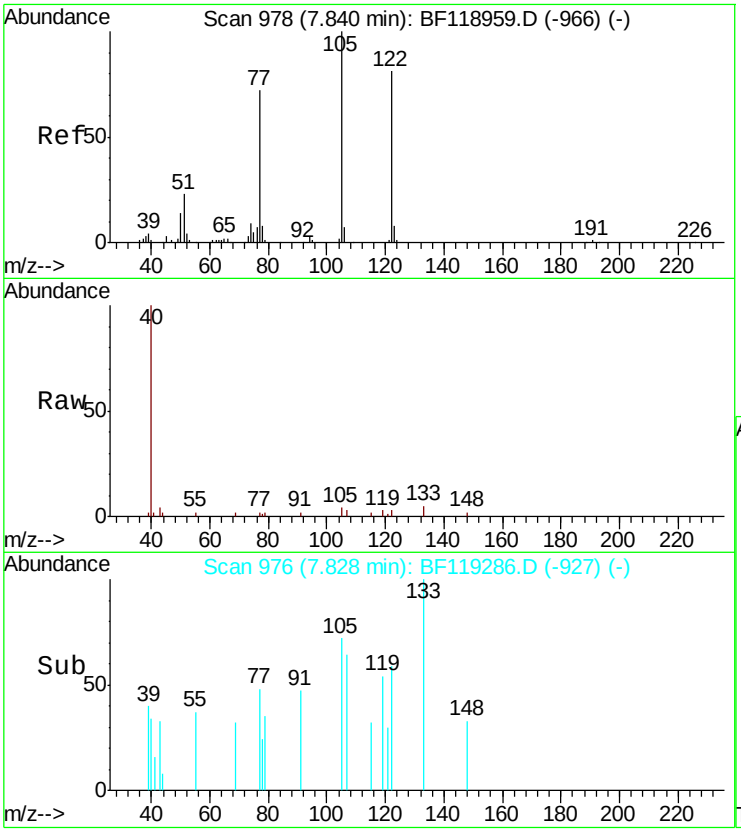


#31
Naphthalene
Concen: 30.841 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:128 Resp: 764405

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.4	11.4	17.2



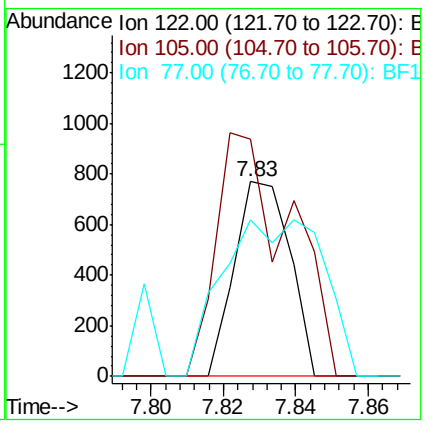


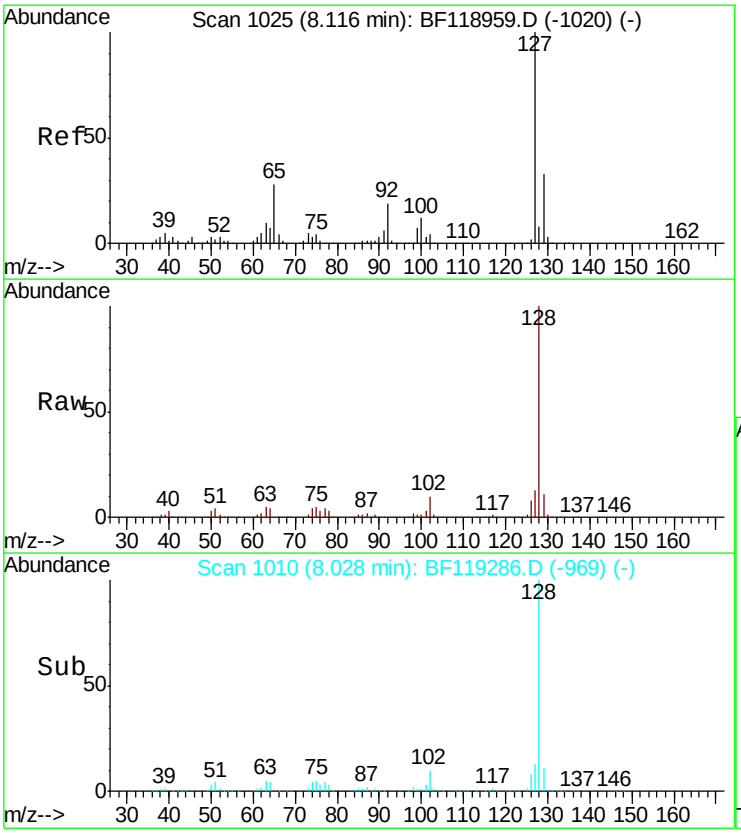
#32
Benzoic acid
Concen: 6.830 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 817

Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.3	146.3
77	80.5	73.1	113.1

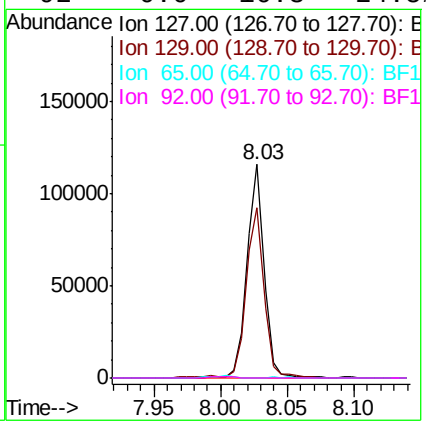


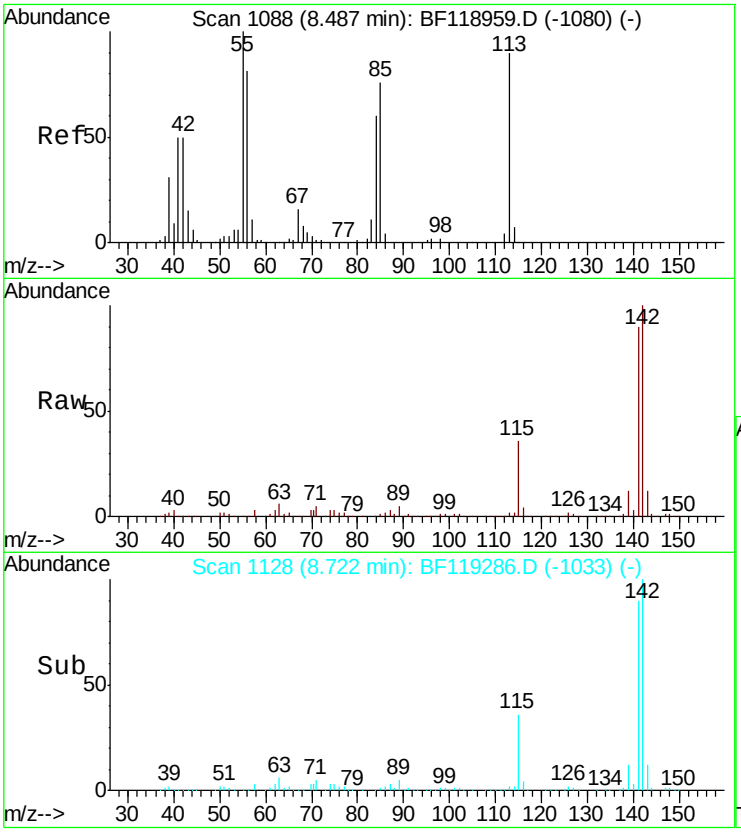


#33
4-Chloroaniline
Concen: 9.477 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.06 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:127 Resp: 101031

Ion	Ratio	Lower	Upper
127	100		
129	79.8	25.9	38.9#
65	0.0	23.9	35.9#
92	0.0	16.3	24.5#



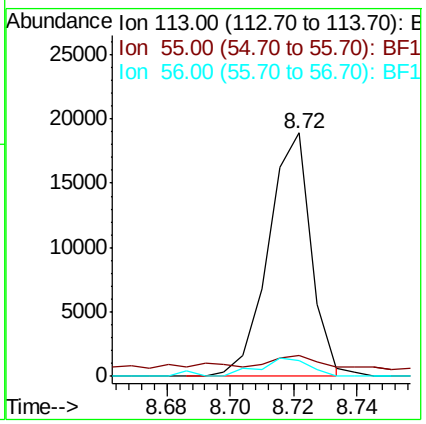


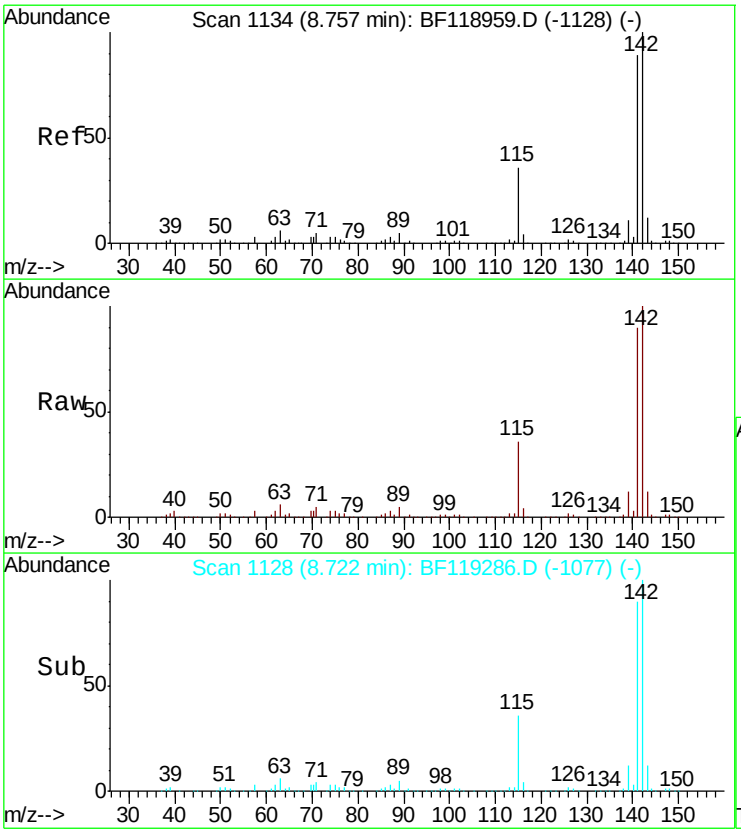
#35
Caprolactam
Concen: 7.587 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.26 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 17701

Ion	Ratio	Lower	Upper
113	100		
55	8.5	95.7	135.7#
56	6.3	73.1	113.1#

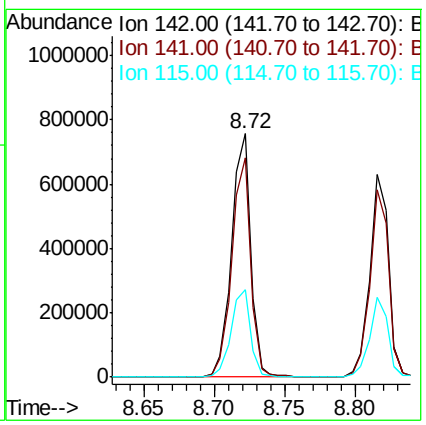


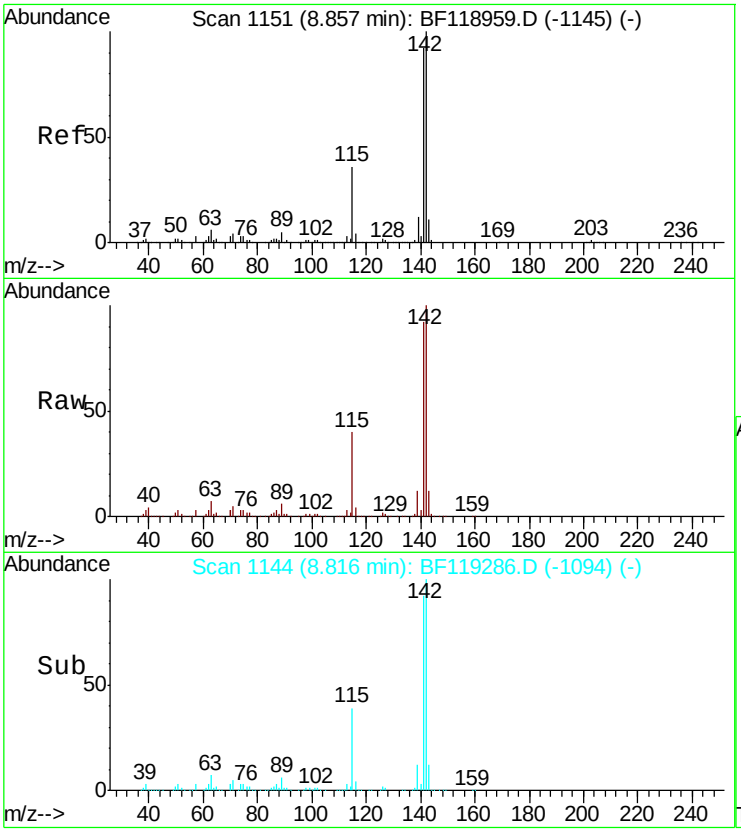


#37
2-Methylnaphthalene
Concen: 43.060 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:142 Resp: 718235

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	36.1	30.6	45.8

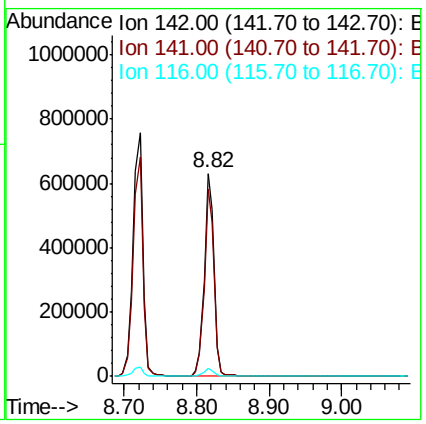




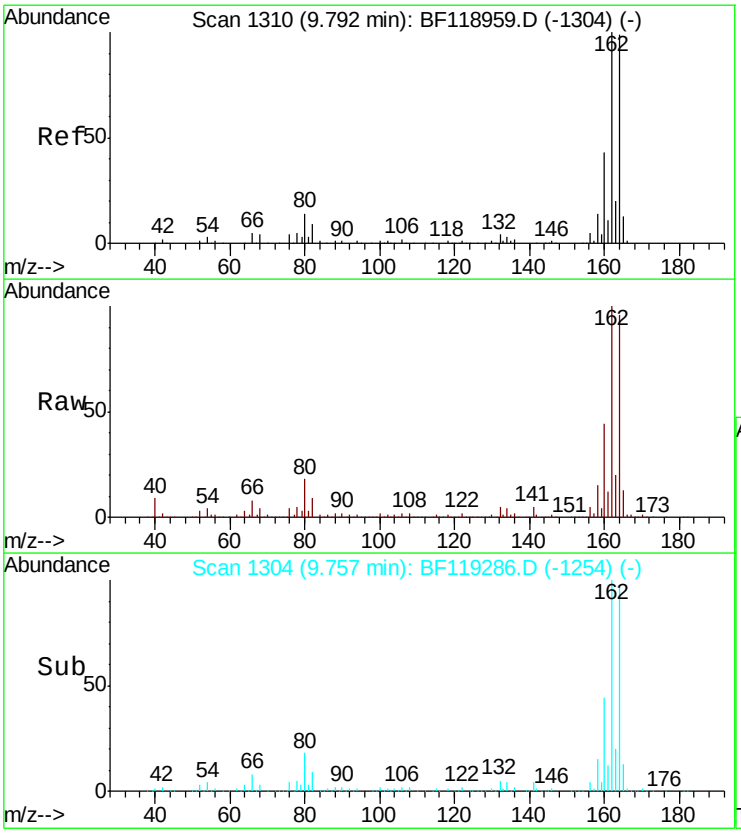
#38
1-Methylnaphthalene
Concen: 37.838 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:142 Resp: 593548

Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	4.0	3.1	4.7



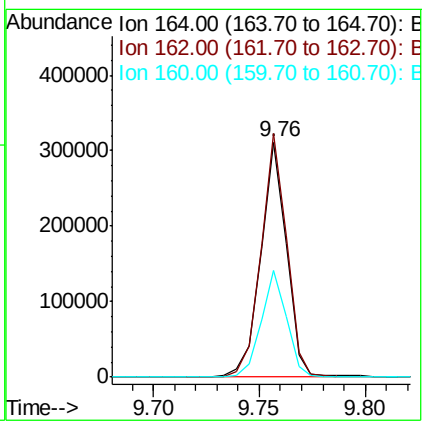
Instrument :
BNA_F
ClientSampleId :

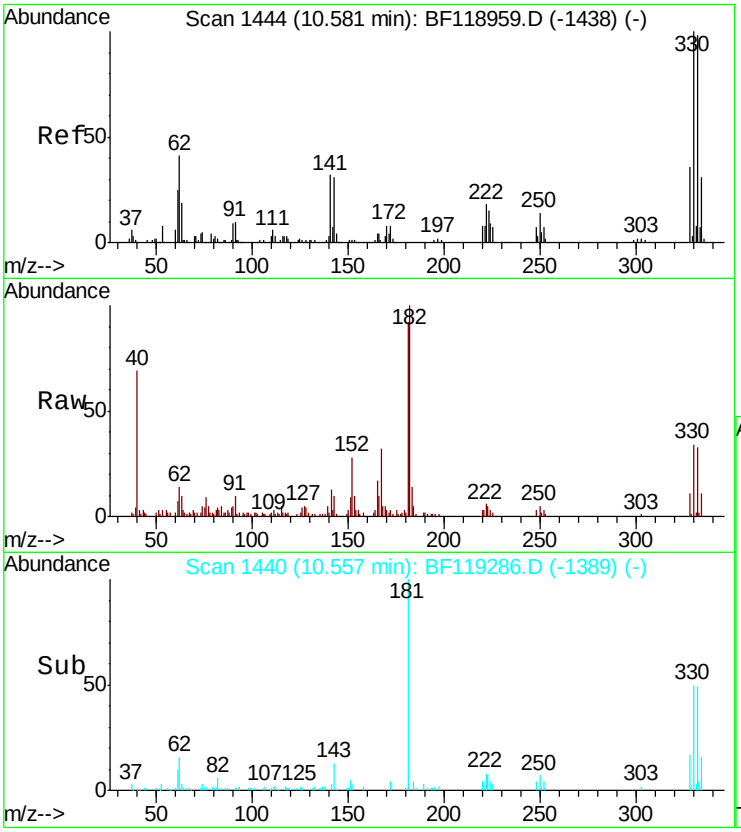


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:164 Resp: 265226

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.8	122.8
160	45.5	36.0	54.0



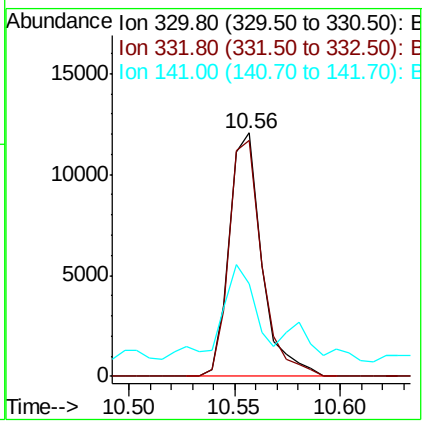


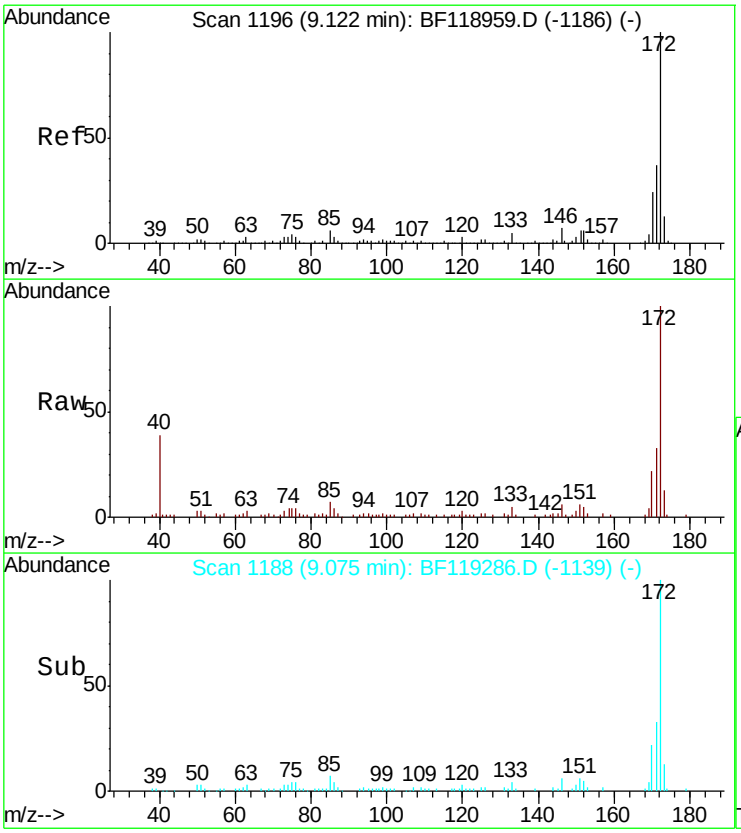
#42
2,4,6-Tribromophenol
Concen: 3.698 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 12832

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.0	114.0
141	40.6	22.9	34.3#

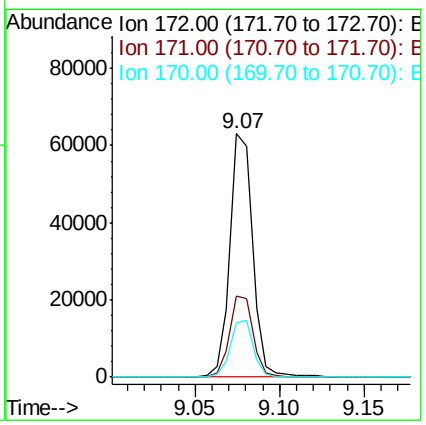


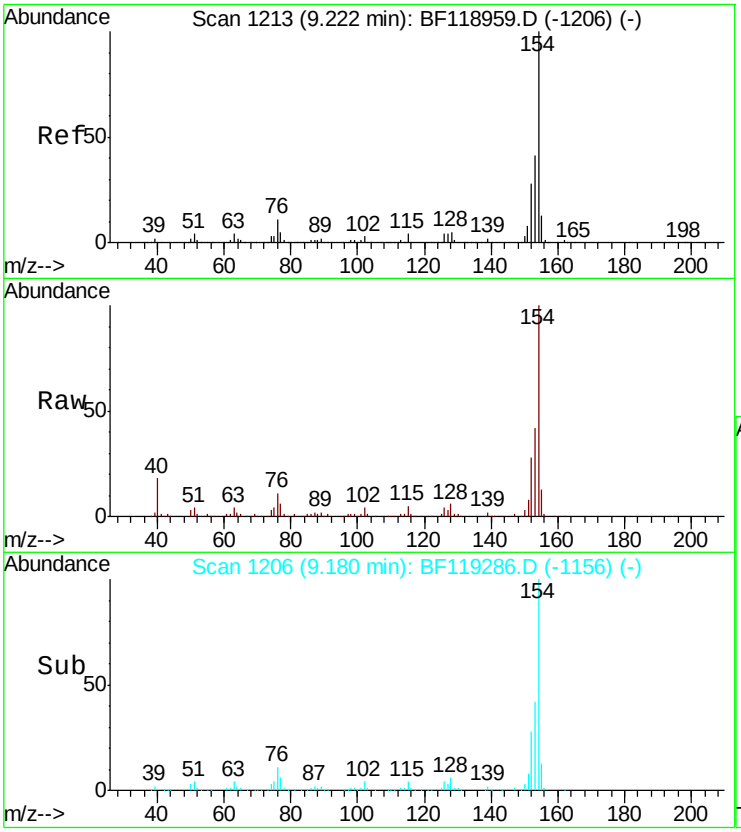


#45
2-Fluorobiphenyl
Concen: 3.274 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:172 Resp: 58947

Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.6	45.8
170	22.4	20.2	30.2



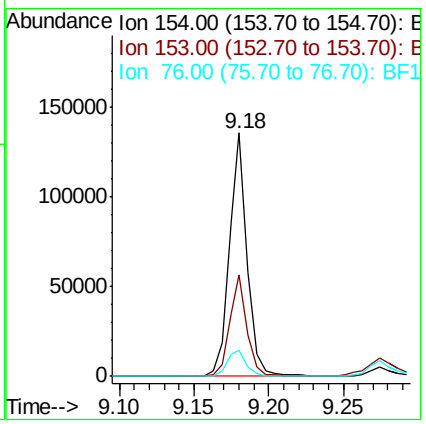


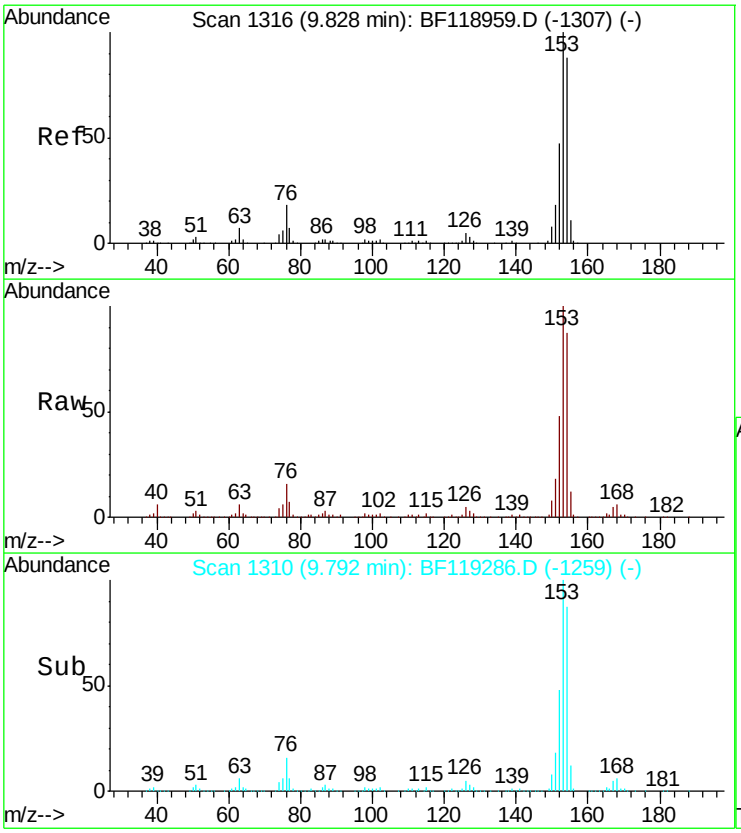
#46
1,1'-Biphenyl
Concen: 5.308 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 113782

Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.8	62.8
76	10.9	0.0	32.2

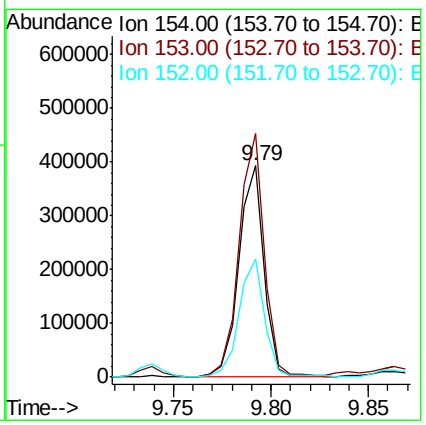


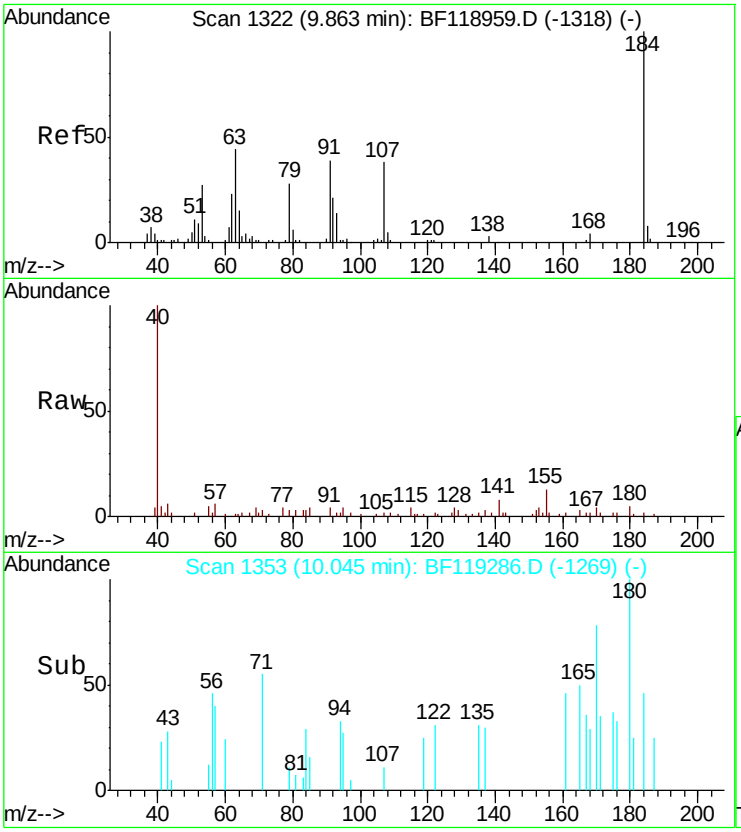


#52
Acenaphthene
Concen: 23.027 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:154 Resp: 346414

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.3	135.5
152	55.8	43.8	65.8



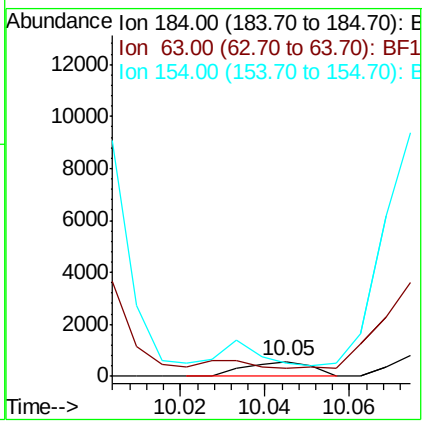


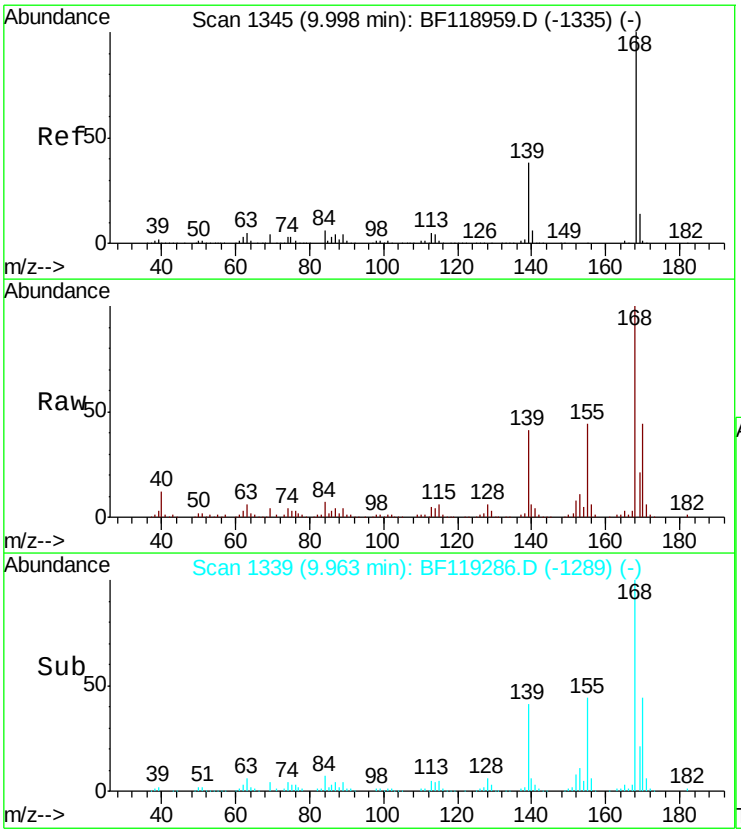
#54
2,4-Dinitrophenol
Concen: 7.730 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.19 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 616

Ion	Ratio	Lower	Upper
184	100		
63	54.8	38.7	58.1
154	90.0	49.7	74.5#

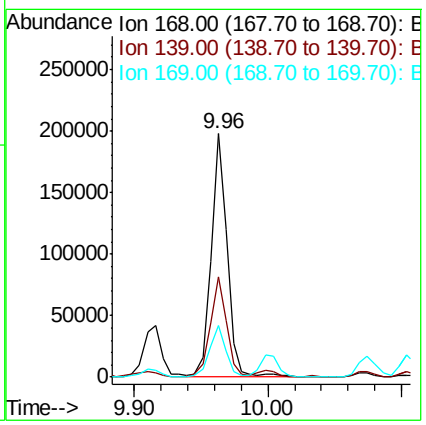


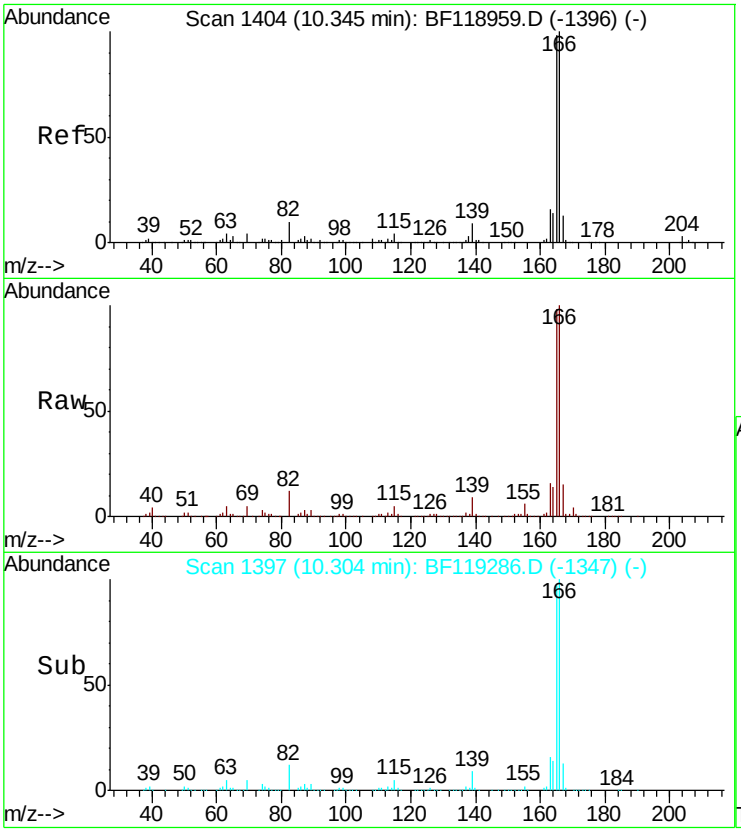


#55
Dibenzofuran
Concen: 7.430 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:168 Resp: 166837

Ion	Ratio	Lower	Upper
168	100		
139	41.0	34.0	51.0
169	21.3	11.0	16.4#



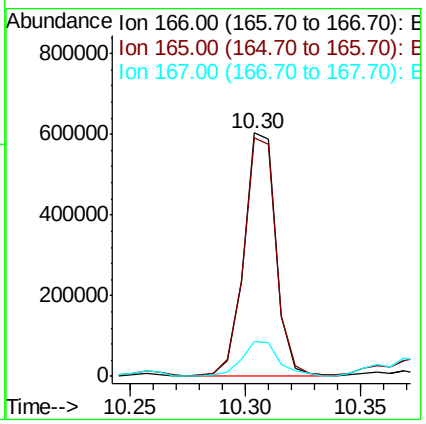


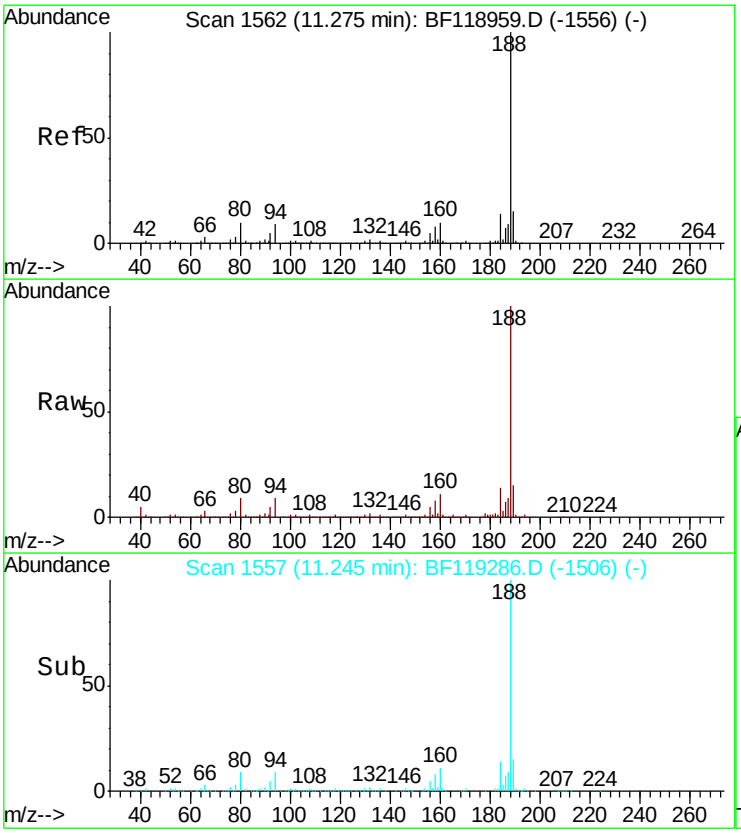
#58
Fluorene
Concen: 33.132 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 578085

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	14.5	11.0	16.4

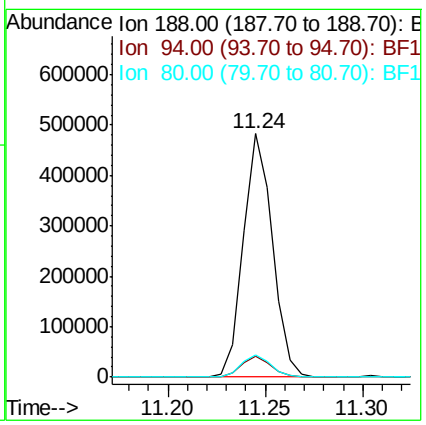


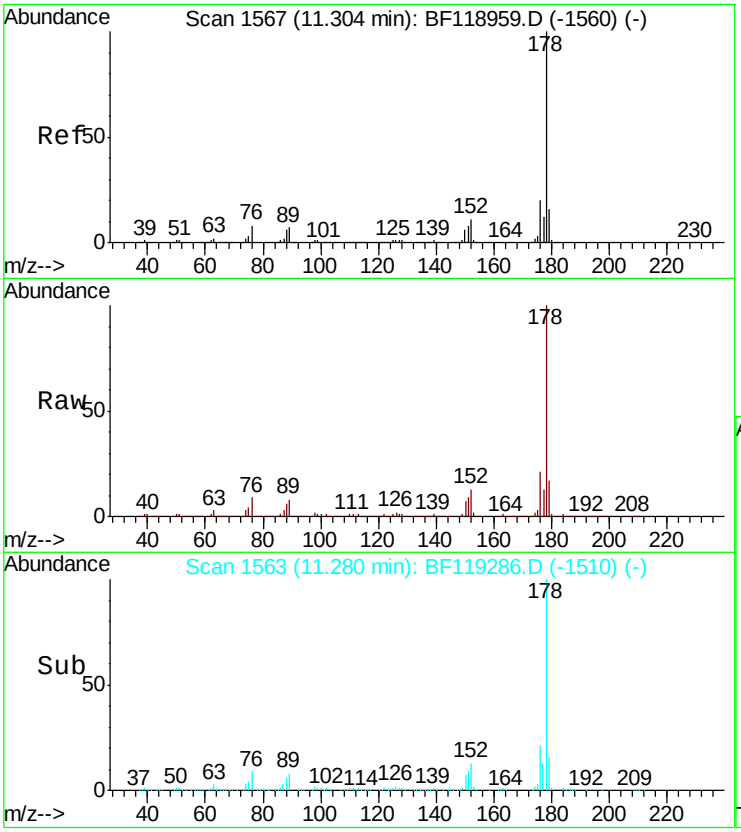


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:188 Resp: 499250

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.3	7.8	11.8



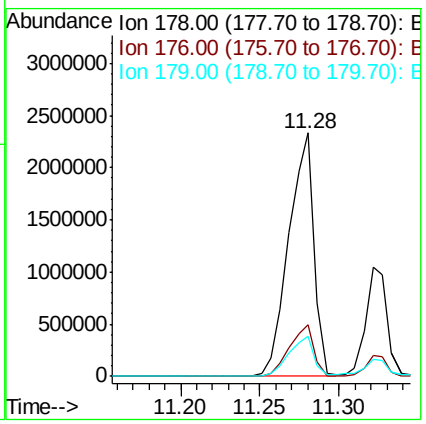


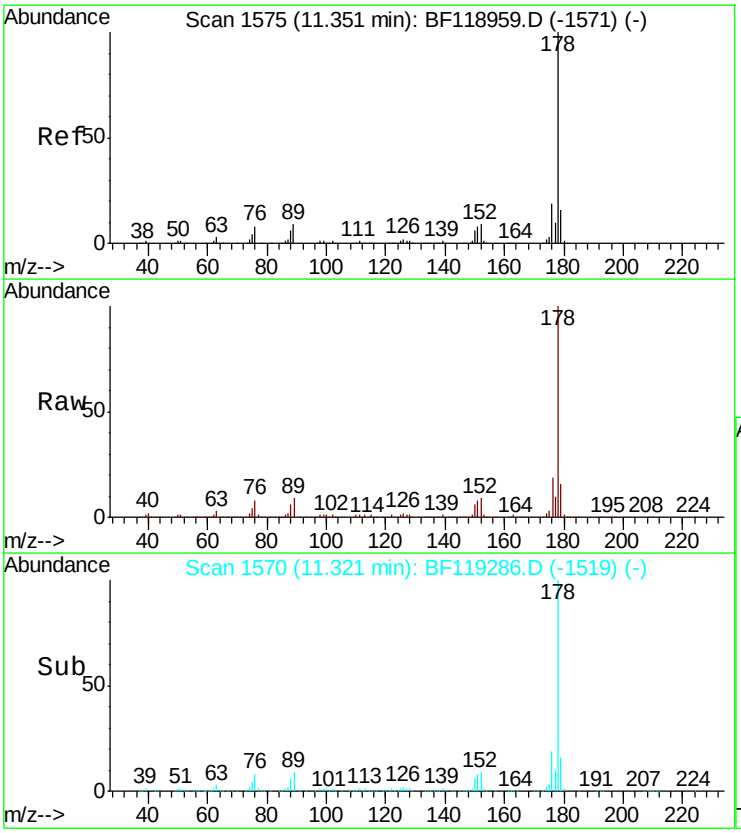
#71
Phenanthrene
Concen: 94.536 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2573902

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.5	24.7
179	16.6	13.0	19.6

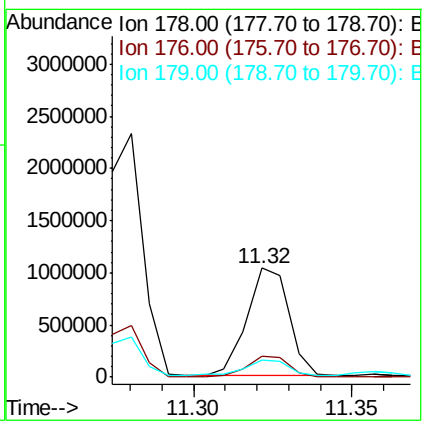


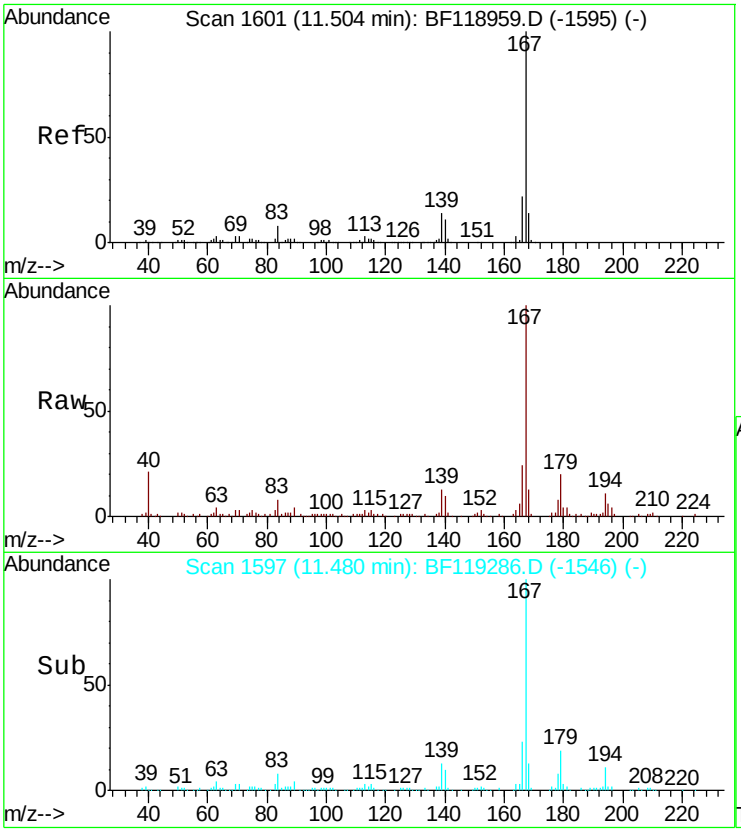


#72
Anthracene
Concen: 35.258 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:178 Resp: 959153

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.9	13.1	19.7



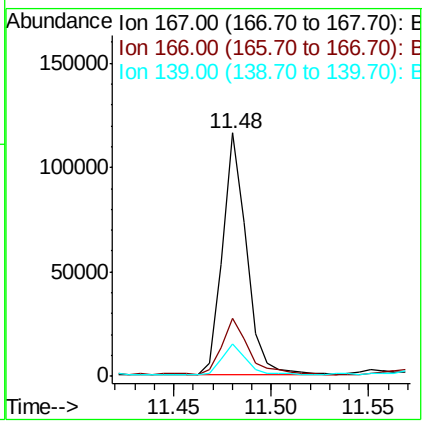


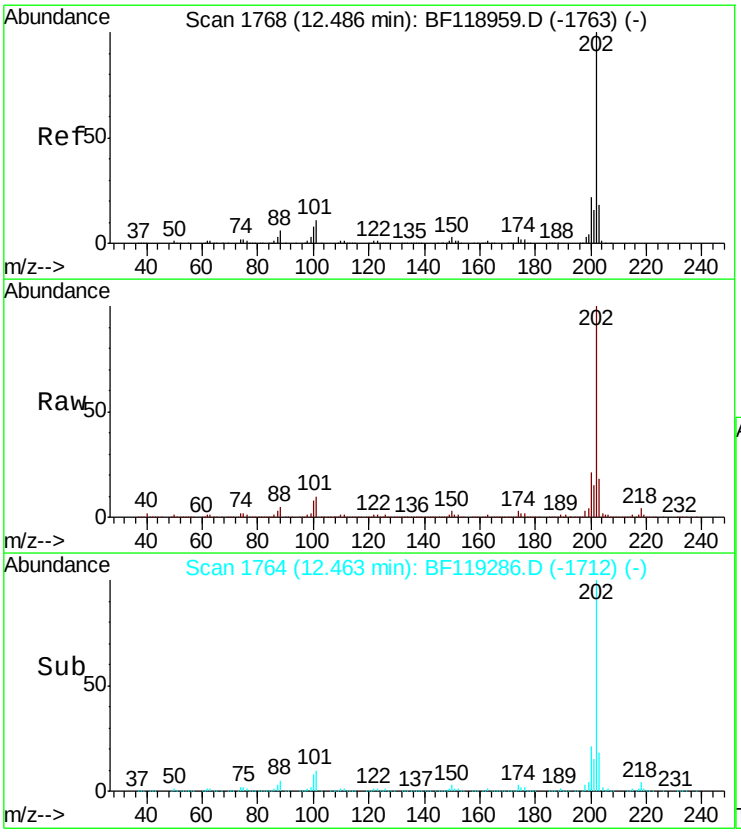
#73
Carbazole
Concen: 4.059 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 98368

Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.2	27.4
139	13.4	11.7	17.5

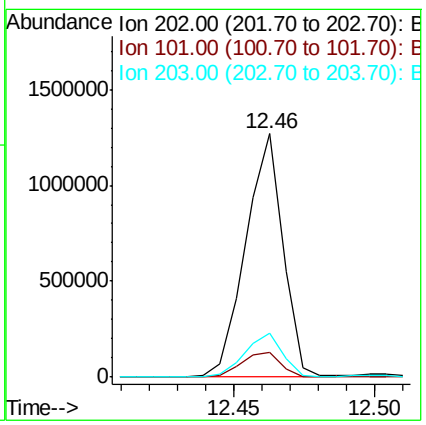


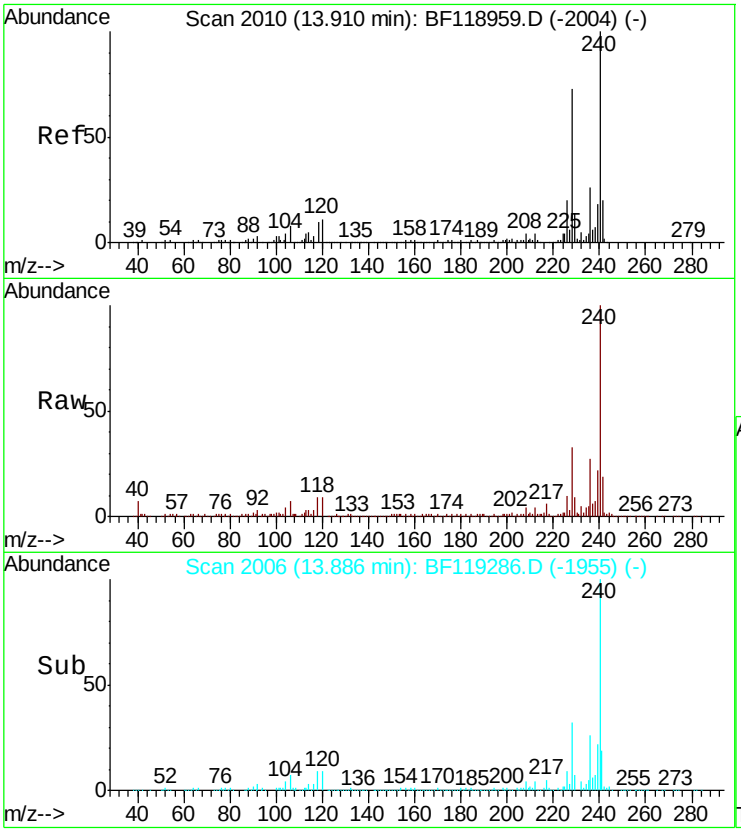


#75
Fluoranthene
Concen: 40.196 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:202 Resp: 1161668

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	18.2	0.0	38.4



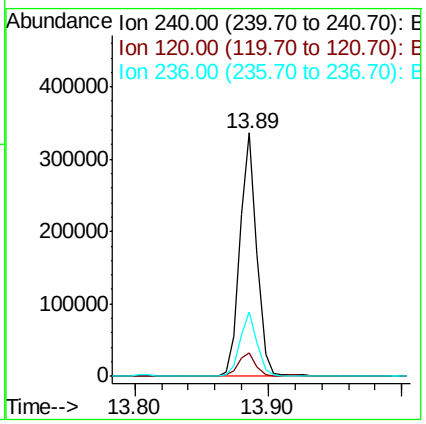


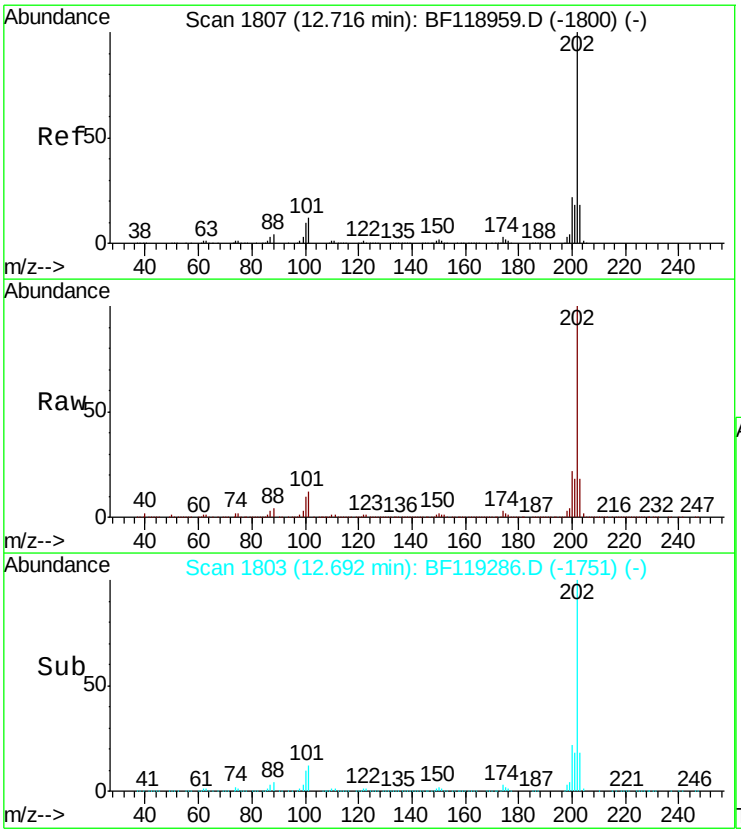
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 294676

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	26.5	21.0	31.4

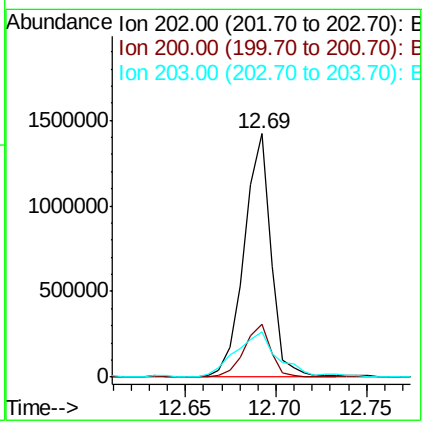


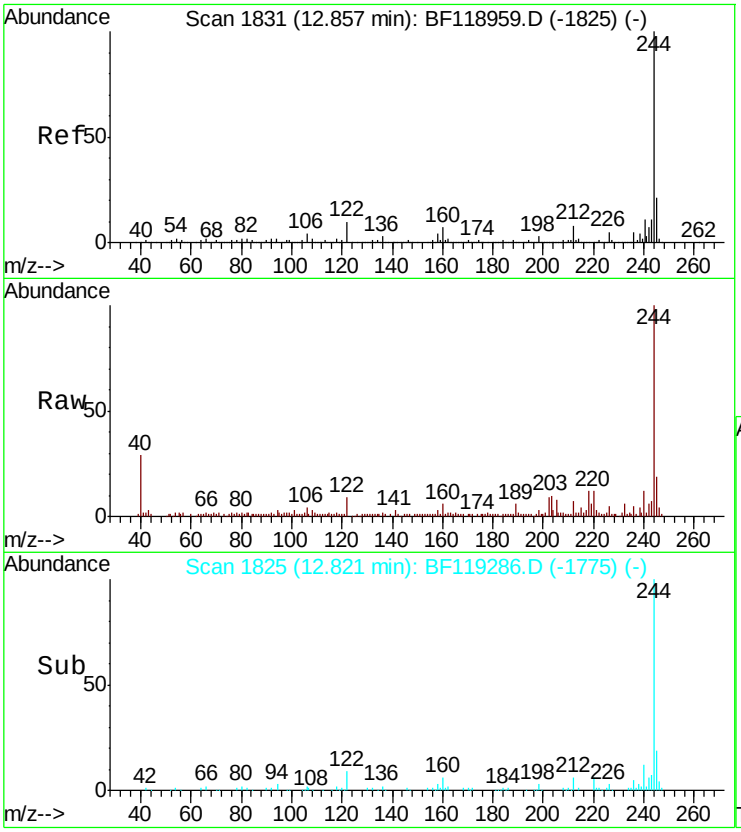


#78
Pyrene
Concen: 61.571 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:202 Resp: 1456909

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	18.4	14.6	22.0



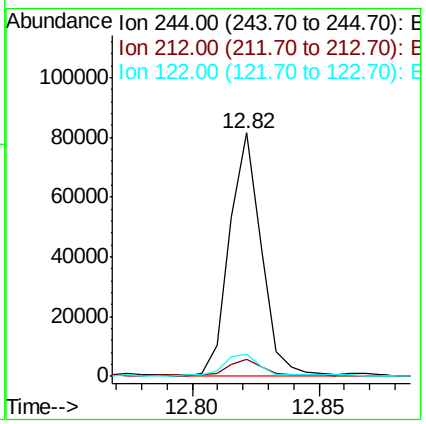


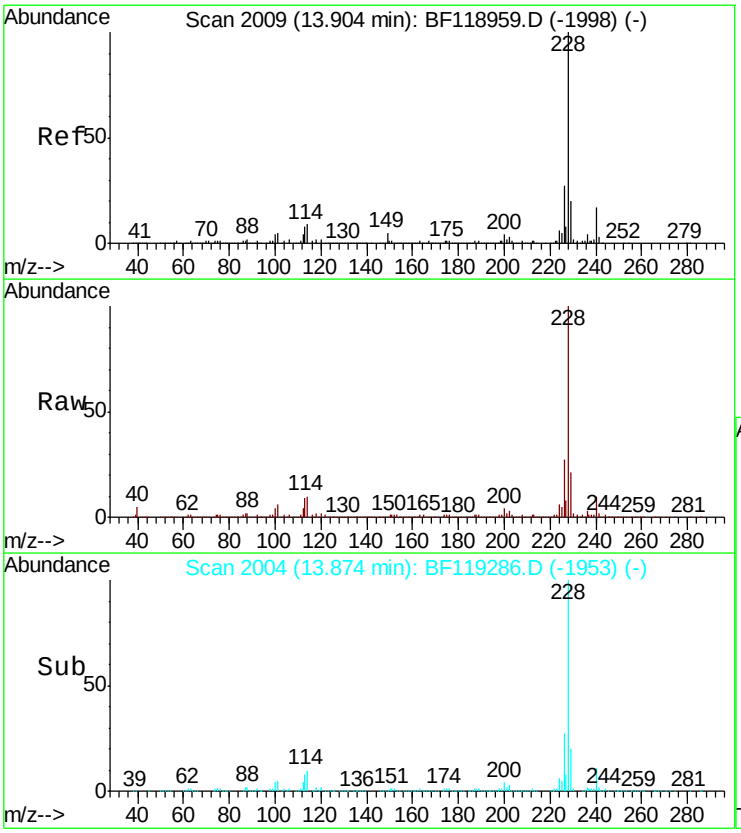
#79
Terphenyl-d14
Concen: 4.174 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 71443

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	9.2	8.2	12.2

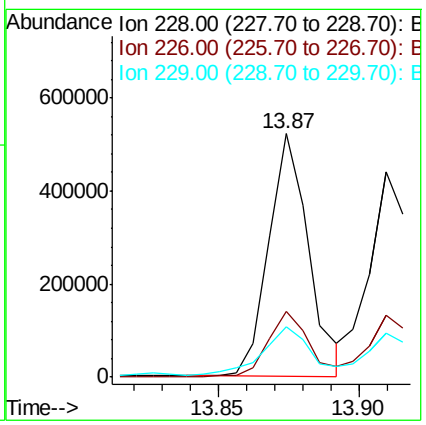


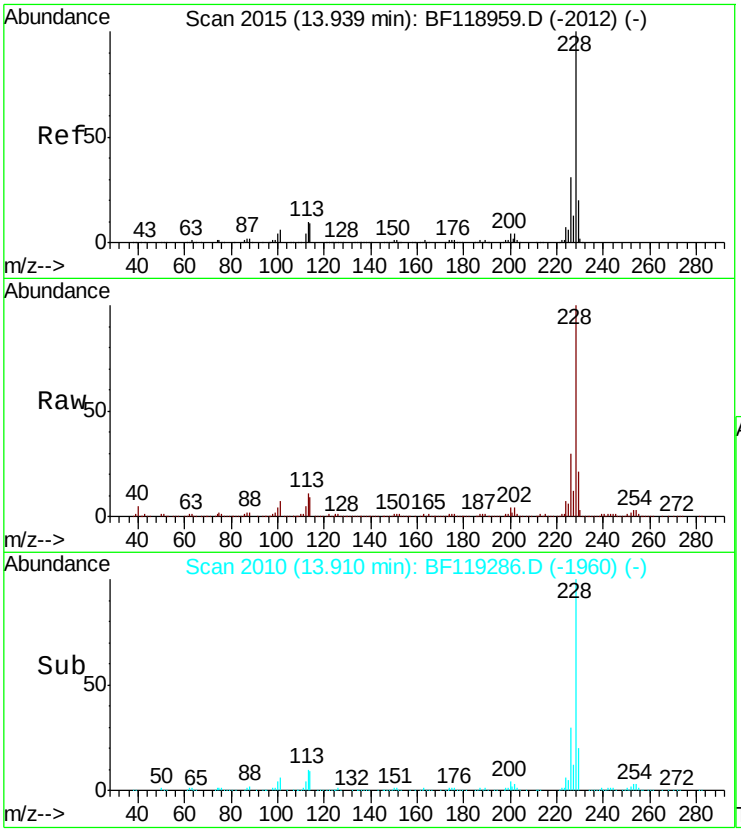


#81
Benzo(a)anthracene
Concen: 25.437 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:228 Resp: 510733

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.7	16.6	24.8



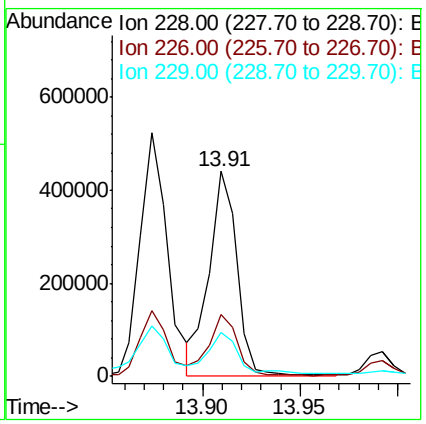


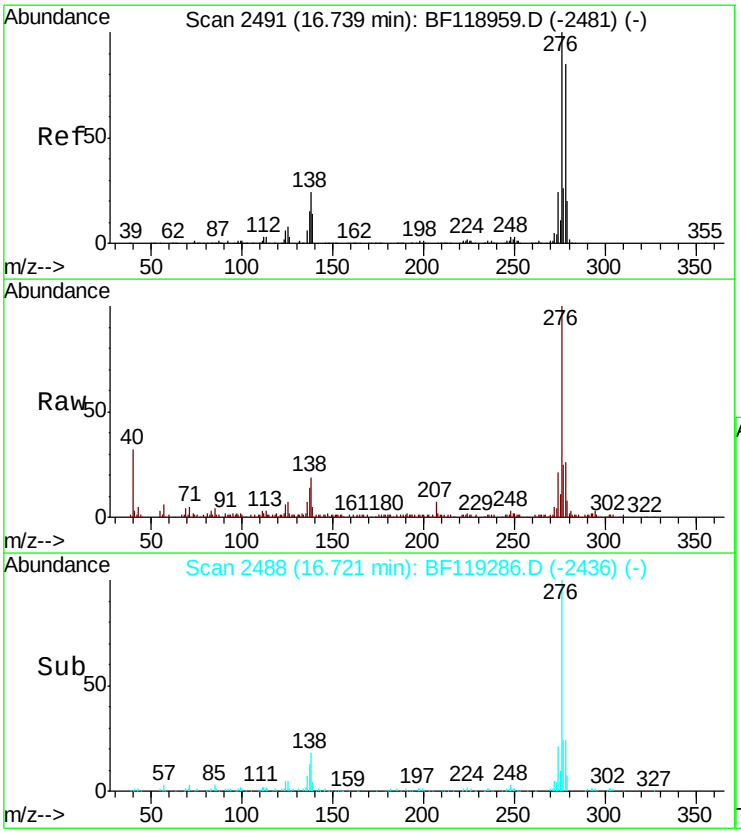
#83
Chrysene
Concen: 21.663 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 433404

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	21.5	16.3	24.5

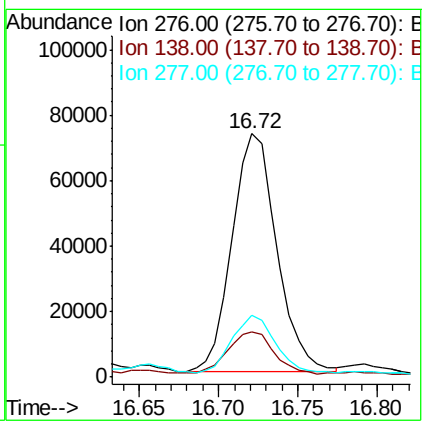


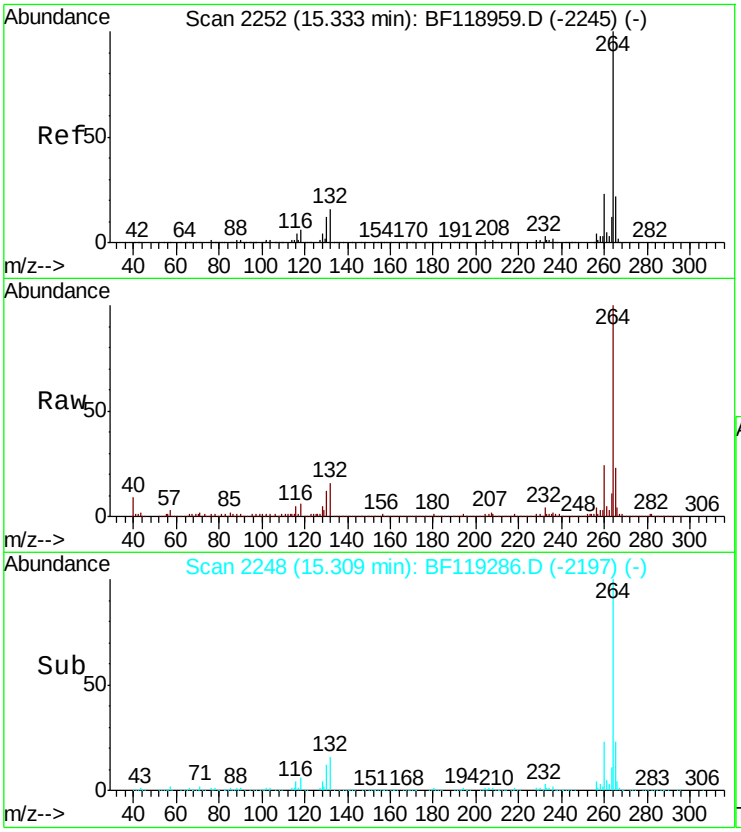


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.311 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:276 Resp: 141633

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.0
277	24.0	20.3	30.5



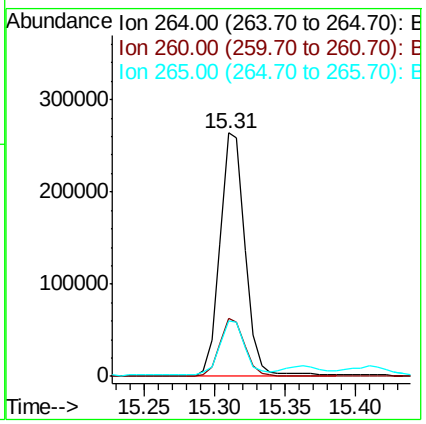


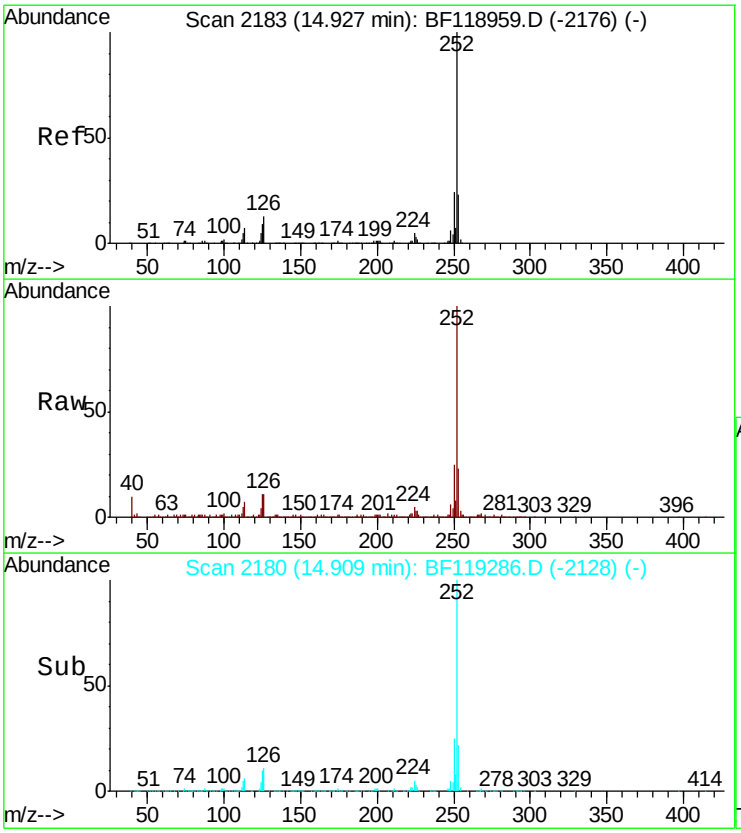
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 324753

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	23.0	17.7	26.5

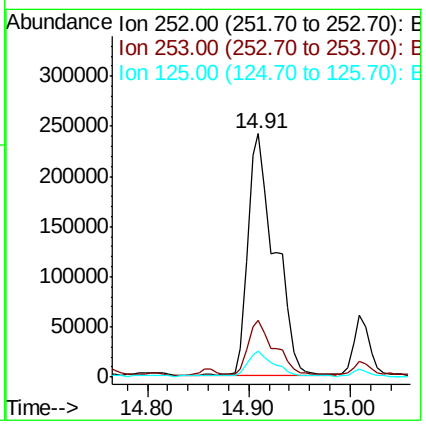


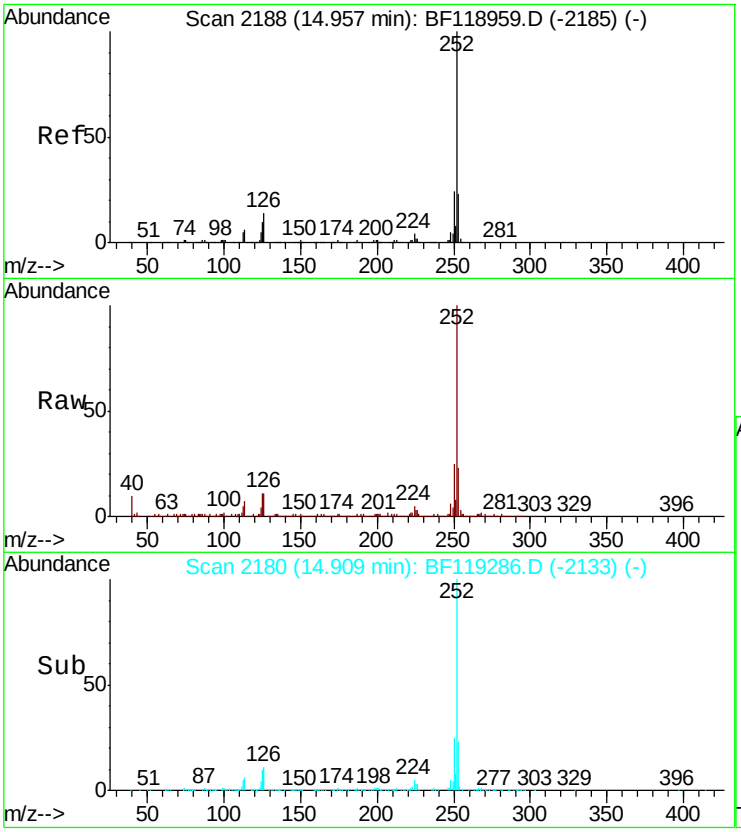


#88
Benzo(b)fluoranthene
Concen: 20.887 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:252 Resp: 447111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.5	7.4	11.0



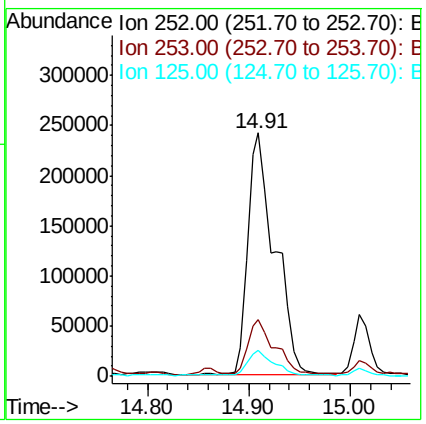


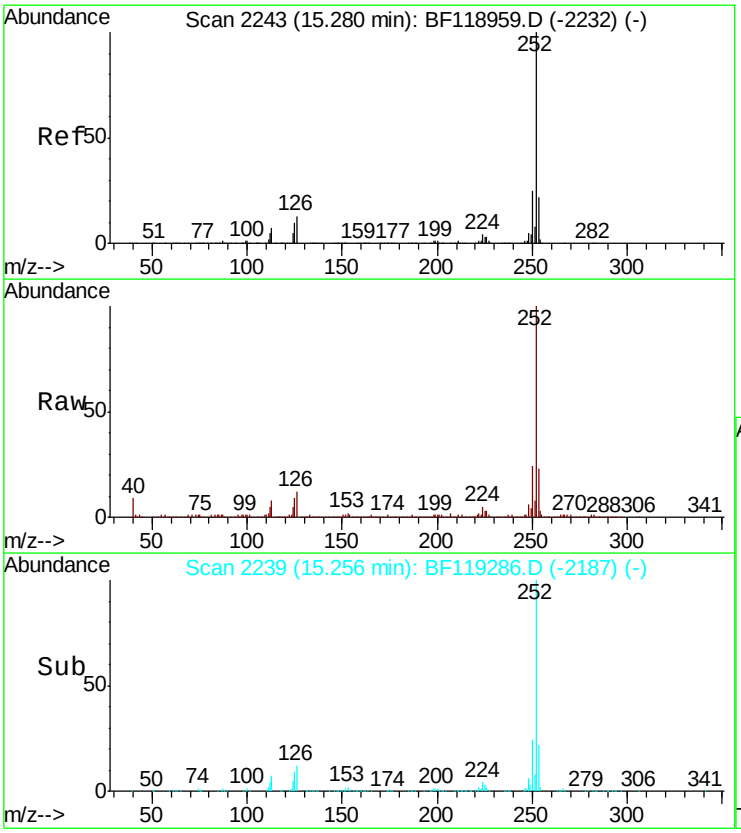
#89
Benzo(k)fluoranthene
Concen: 22.539 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 447111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.5	7.5	11.3

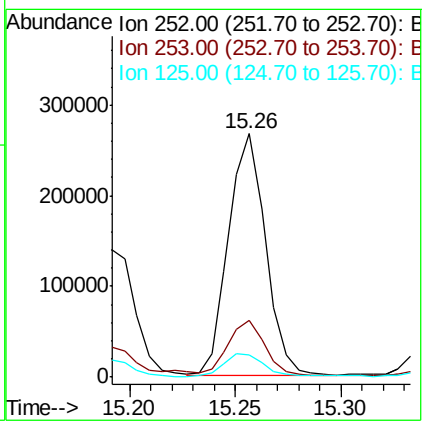


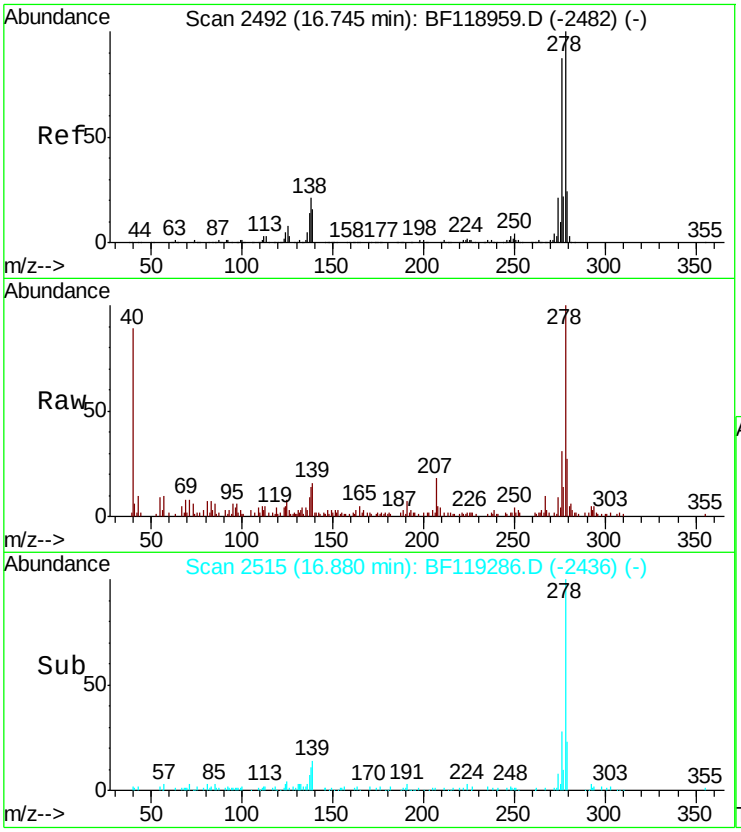


#90
Benzo(a)pyrene
Concen: 16.925 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:252 Resp: 326975

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	9.2	8.6	12.8



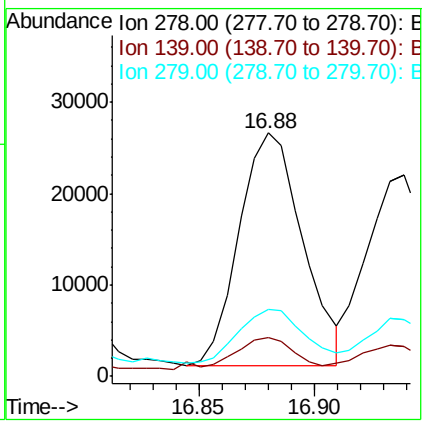


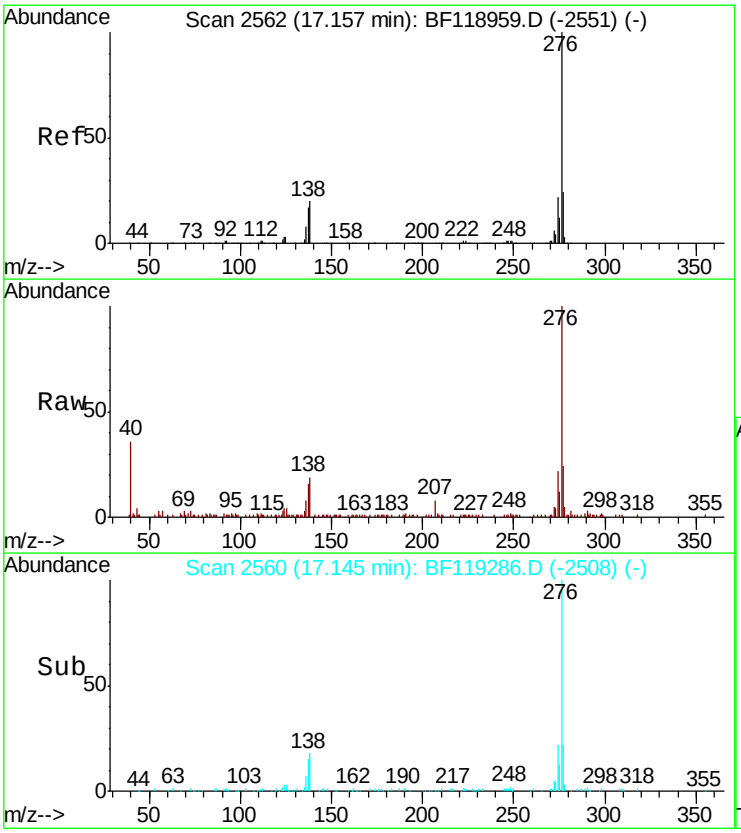
#91
Dibenzo(a,h)anthracene
Concen: 2.862 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.16 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 48648

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.0	16.4
279	27.3	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 7.932 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF119286.D
Acq: 9 Mar 2020 14:37

Tgt Ion:276 Resp: 133228

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	19.4	14.3	21.5