Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 31 22:03:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	309230	20.00	ng		-0.04
21) Naphthalene-d8	8.11	136	1168046	20.00	ng		-0.04
39) Acenaphthene-d10	9.86	164	640849	20.00	ng		-0.04
64) Phenanthrene-d10	11.35	188	1106335	20.00	ng		-0.04
76) Chrysene-d12	13.99	240	615739	20.00	ng		-0.04
87) Perylene-d12	15.44	264	676606	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1562934	93.87	ng		-0.03
7) Phenol-d6	6.46	99	2049127	94.69	ng		-0.04
23) Nitrobenzene-d5	7.39	82	1336093	63.98	ng		-0.04
42) 2,4,6-Tribromophenol	10.65	330	676511	91.27	ng		-0.04
45) 2-Fluorobiphenyl	9.19	172	2632729	67.52	ng		-0.04
79) Terphenyl-d14	12.93	244	2755496	97.61	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.47	94	51012	2.068	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	183105	12.531	ng	#	76
25) Isophorone	7.39	82	1319042	34.631	ng	#	63
50) Dimethylphthalate	9.57	163	169099	4.050	ng		100
57) 2,4-Dinitrotoluene	9.86	165	89183	7.567	ng	#	30
67) 4-Bromophenyl-phenylether	10.65	248	43819	3.206	ng	#	1
71) Phenanthrene	11.37	178	917634	17.192	ng		97
72) Anthracene	11.42	178	208793	3.953	ng		97
75) Fluoranthene	12.56	202	1225558	21.770	ng		96
77) Benzidine	12.93	184	36068	2.192	ng	#	92
78) Pyrene	12.79	202	1057856	25.306	ng		98
81) Benzo(a)anthracene	13.97	228	445881	12.038	ng		100
83) Chrysene	14.01	228	404589	11.397	ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	325449	10.551	ng		94
88) Benzo(b)fluoranthene	15.02	252	727723	17.111	ng		99
89) Benzo(k)fluoranthene	15.02	252	727723	18.469	ng		100
90) Benzo(a)pyrene	15.37	252	407277	11.101	ng		100
91) Dibenzo(a,h)anthracene	17.05	278	66521	2.050	ng		96
92) Benzo(g,h,i)perylene	17.31	276	308059	9.777	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Jan 2020 13:33
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 31 22:03:14 2020
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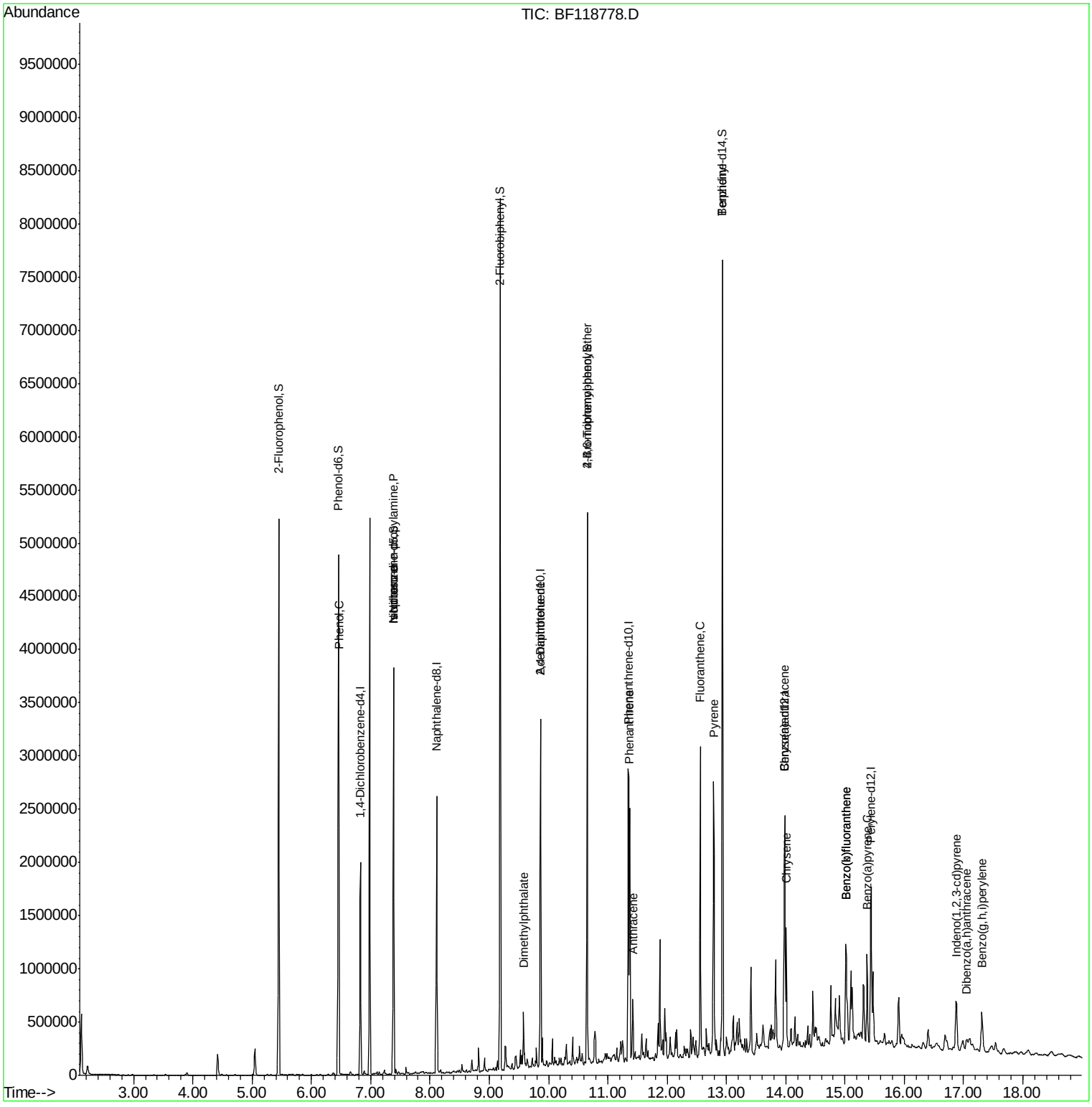
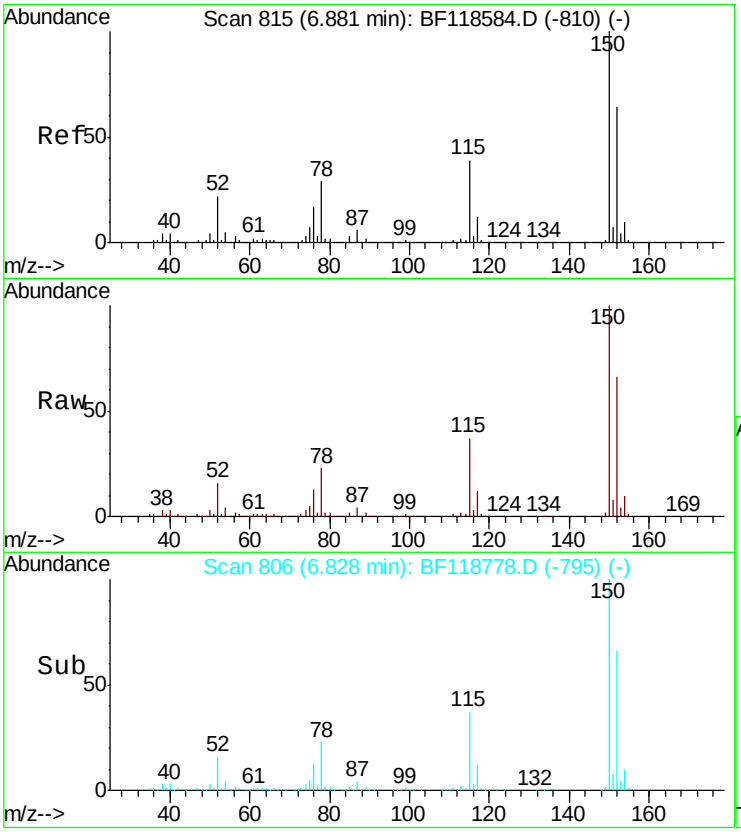
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



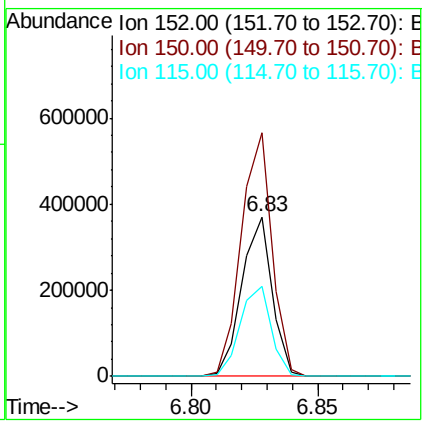


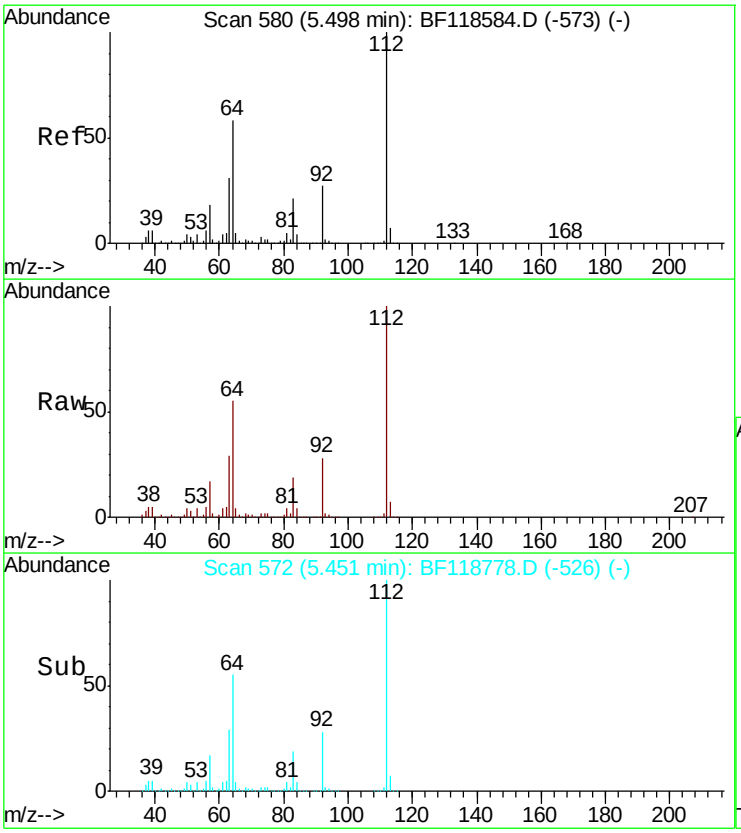
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 309230

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.7	185.5
115	56.2	45.1	67.7

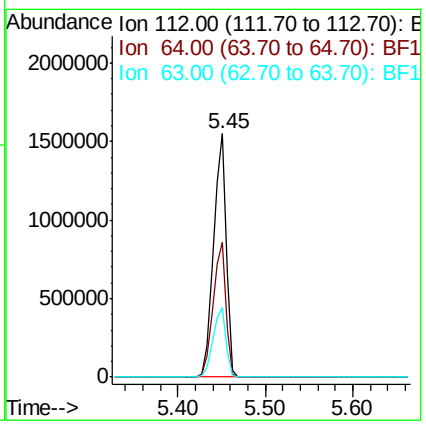


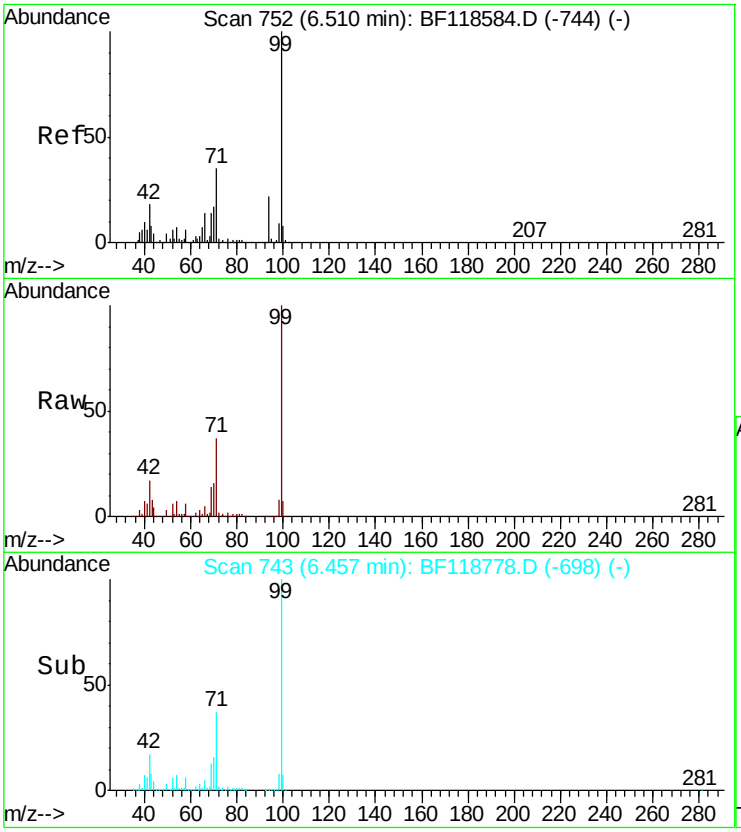


#5
2-Fluorophenol
Concen: 93.871 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:112 Resp: 1562934

Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	28.7	21.7	32.5



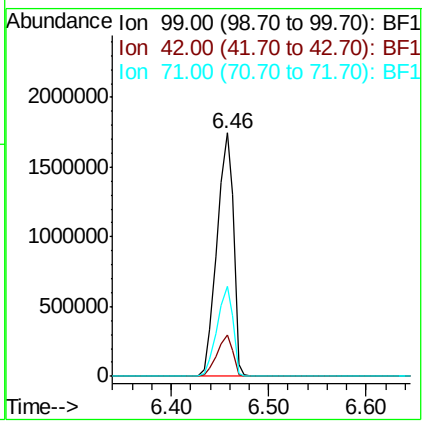


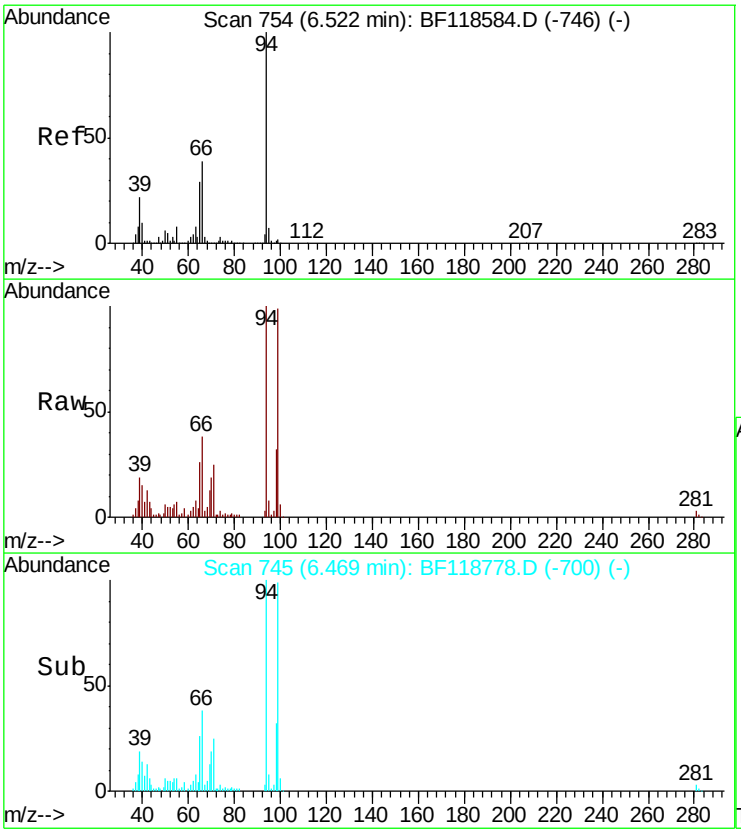
#7
Phenol-d6
Concen: 94.689 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2049127

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.8	28.4	42.6

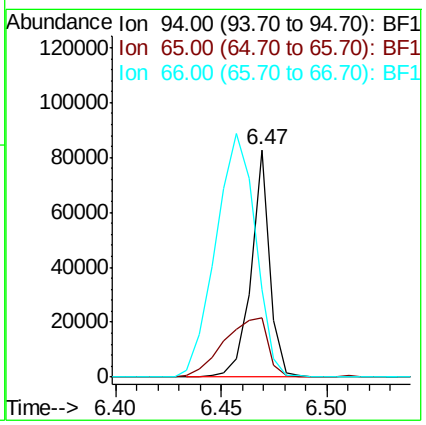


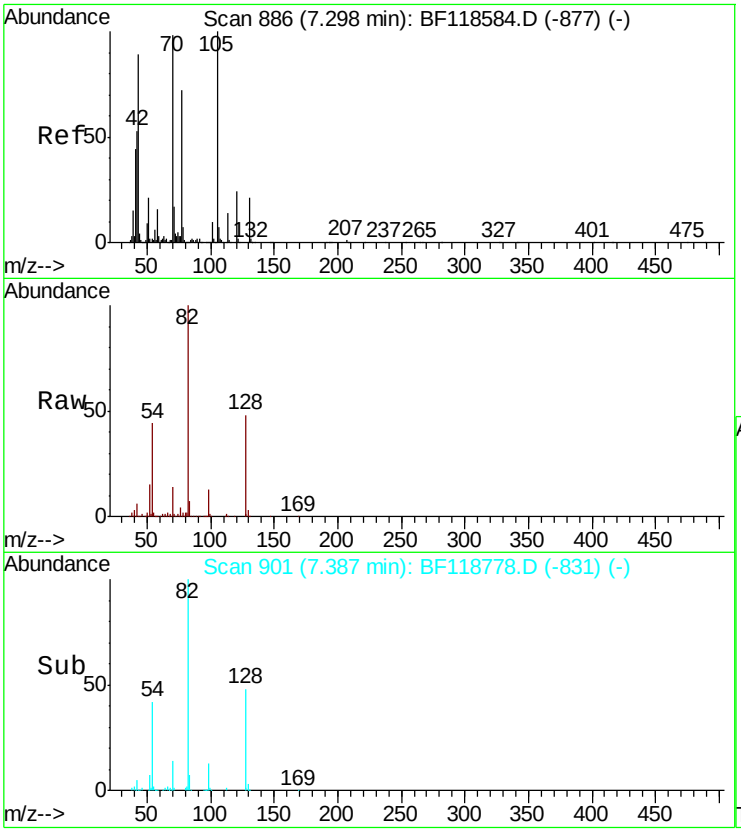


#10
Phenol
Concen: 2.068 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion: 94 Resp: 51012

Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.9	47.9
66	38.4	19.1	59.1



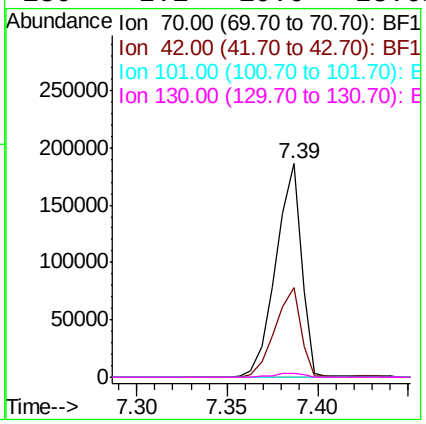


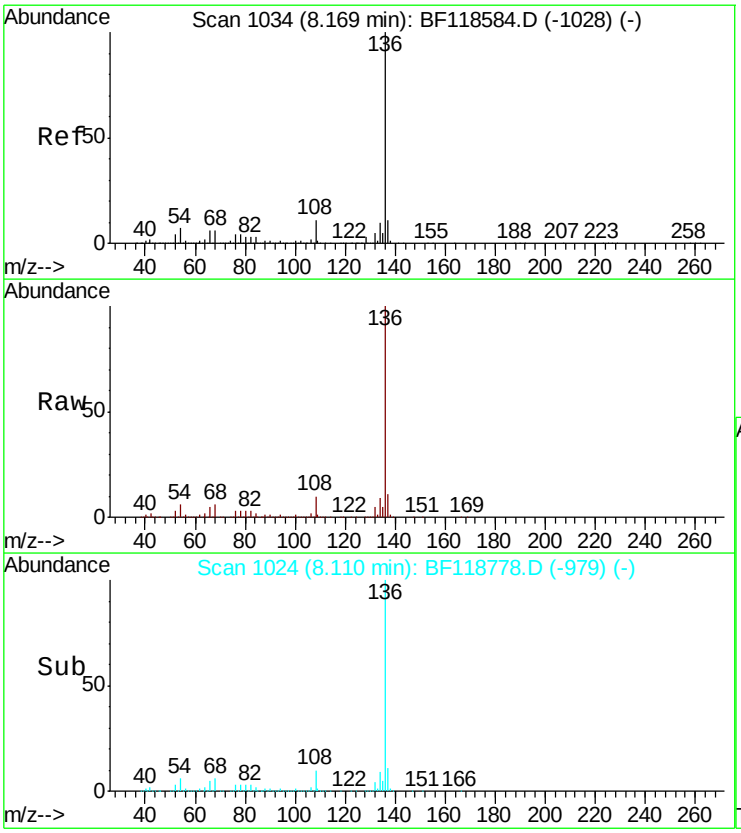
#19
n-Nitroso-di-n-propylamine
Concen: 12.531 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 183105

Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.6	62.4
101	0.0	7.9	11.9#
130	2.1	19.0	28.6#

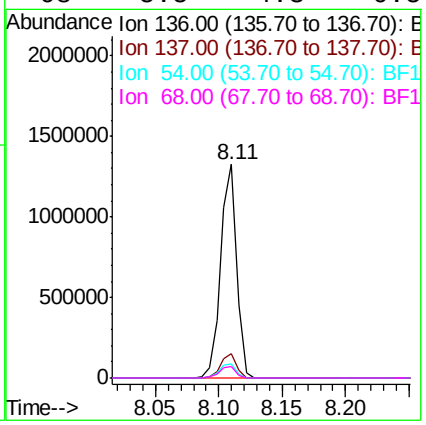


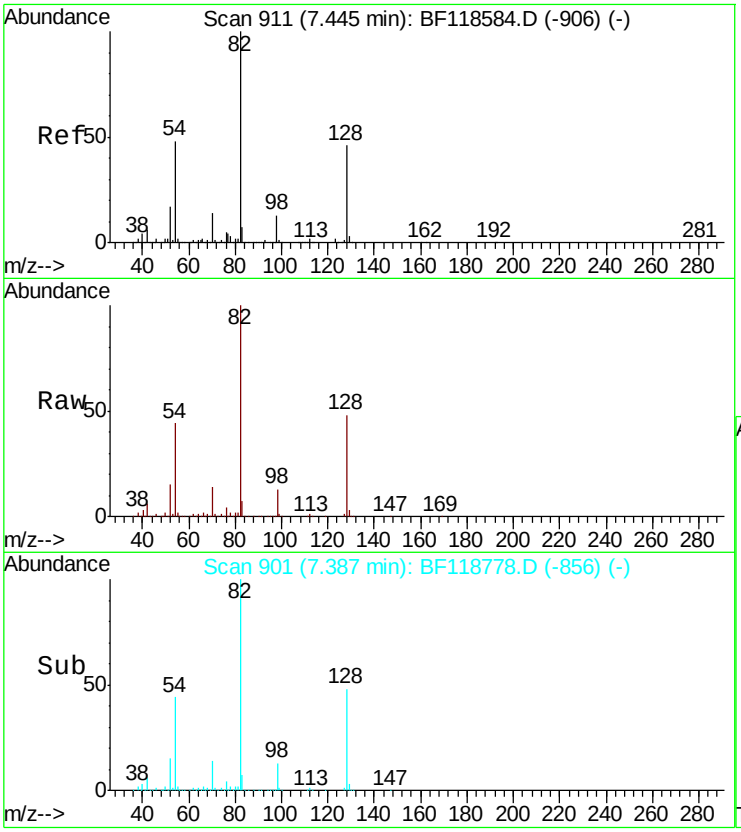


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:136 Resp: 1168046

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.3	5.1	7.7
68	5.5	4.3	6.5



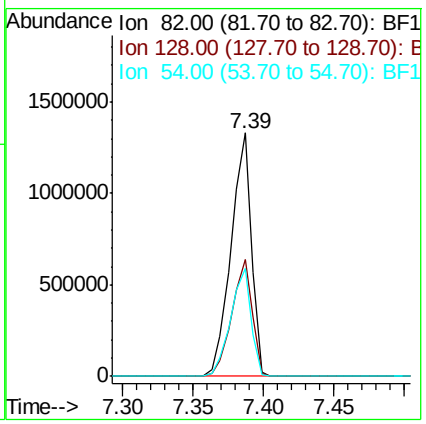


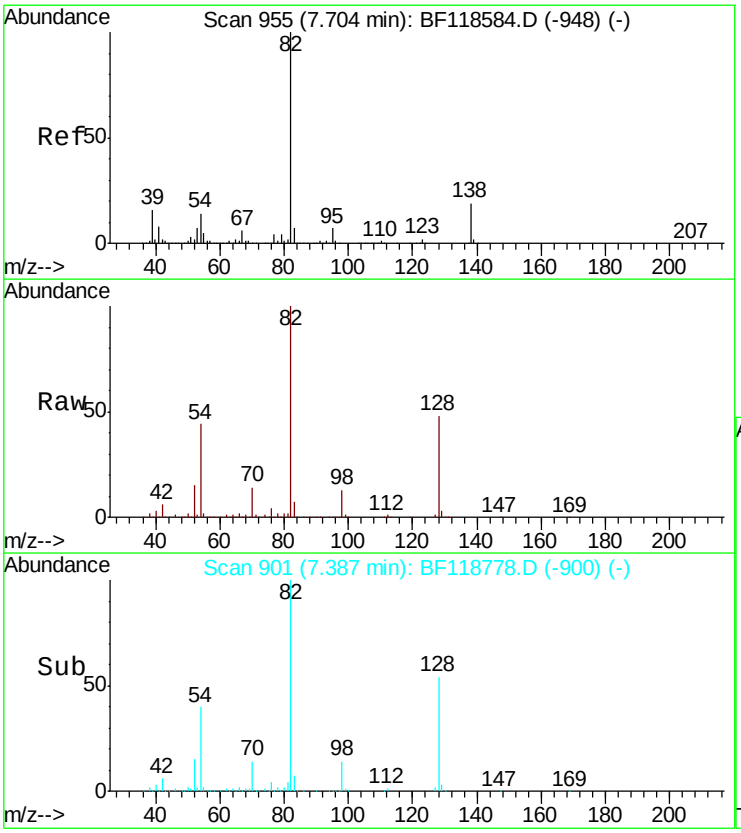
#23
Nitrobenzene-d5
Concen: 63.981 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1336093

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.2
54	44.3	36.1	54.1

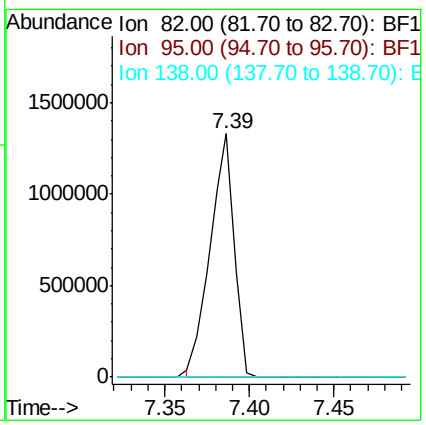


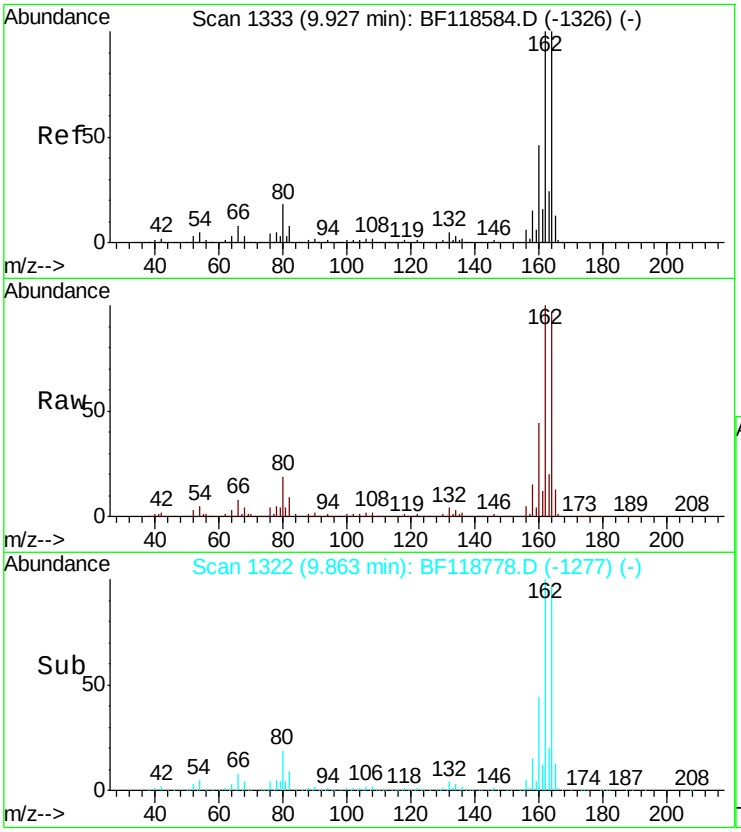


#25
Isophorone
Concen: 34.631 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion: 82 Resp: 1319042

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#



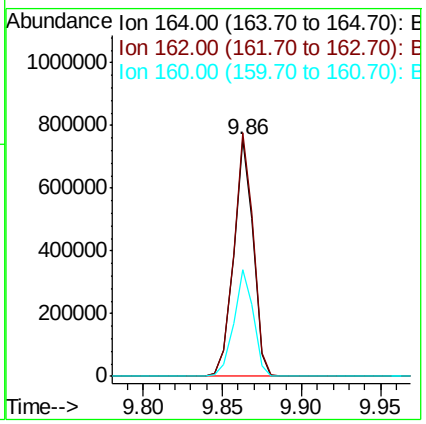


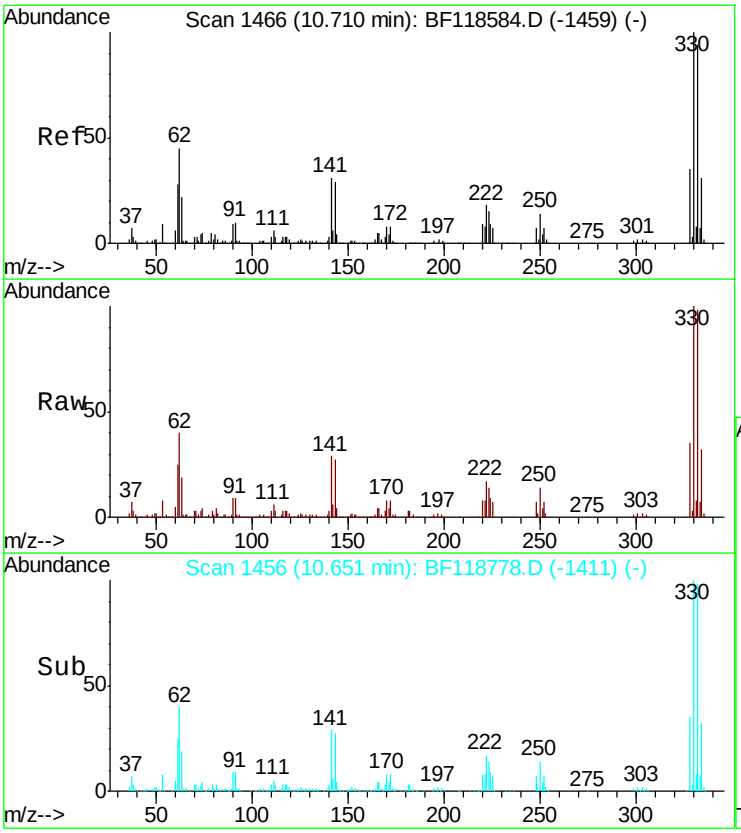
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 640849

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	45.1	35.4	53.0

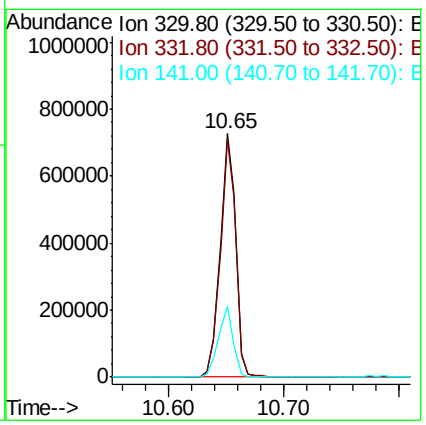


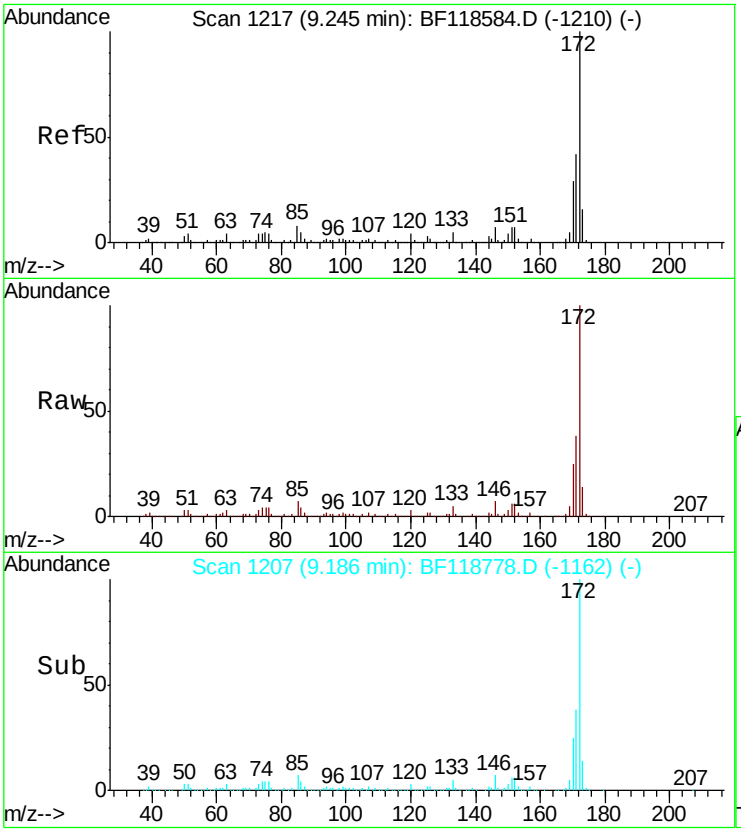


#42
2,4,6-Tribromophenol
Concen: 91.269 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:330 Resp: 676511

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	28.5	22.2	33.2



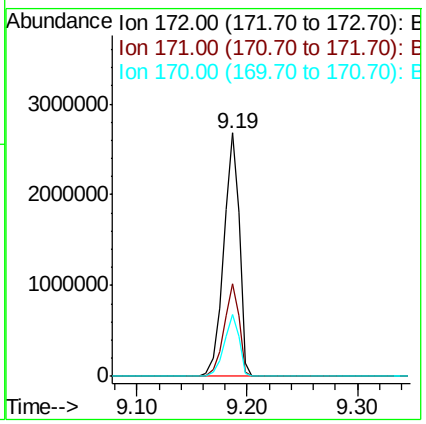


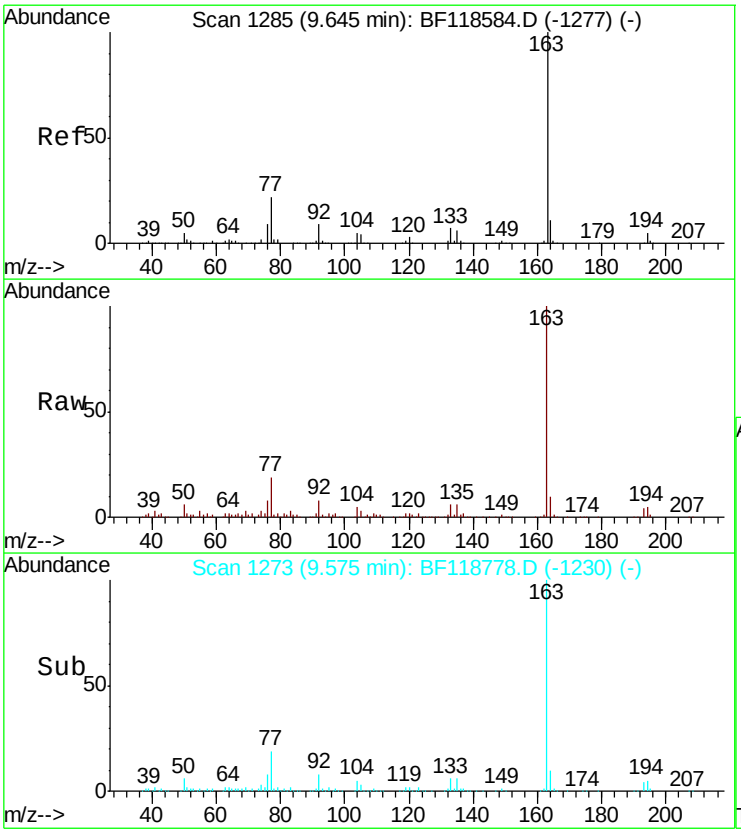
#45
2-Fluorobiphenyl
Concen: 67.523 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2632729

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.3	20.7	31.1

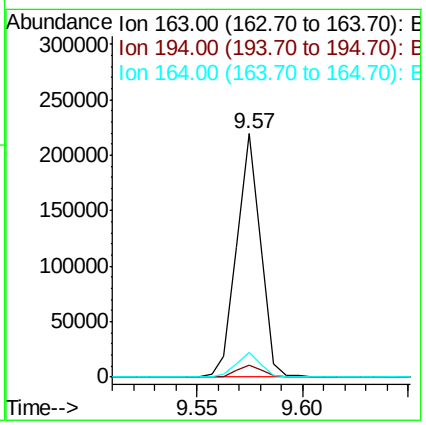


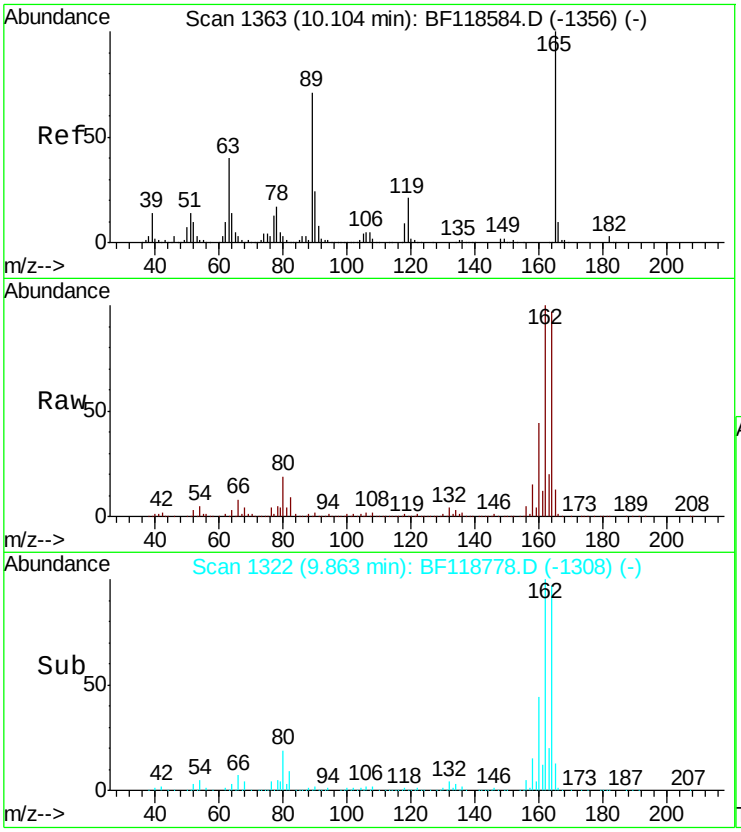


#50
Dimethylphthalate
Concen: 4.050 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:163 Resp: 169099

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.2	8.2	12.2



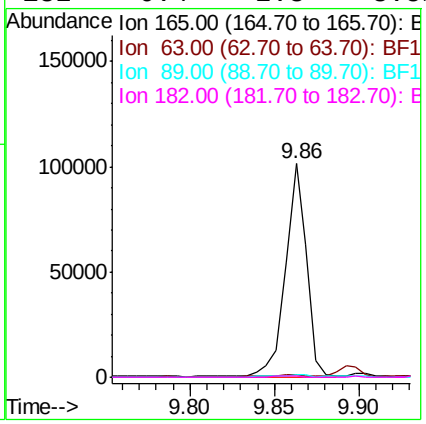


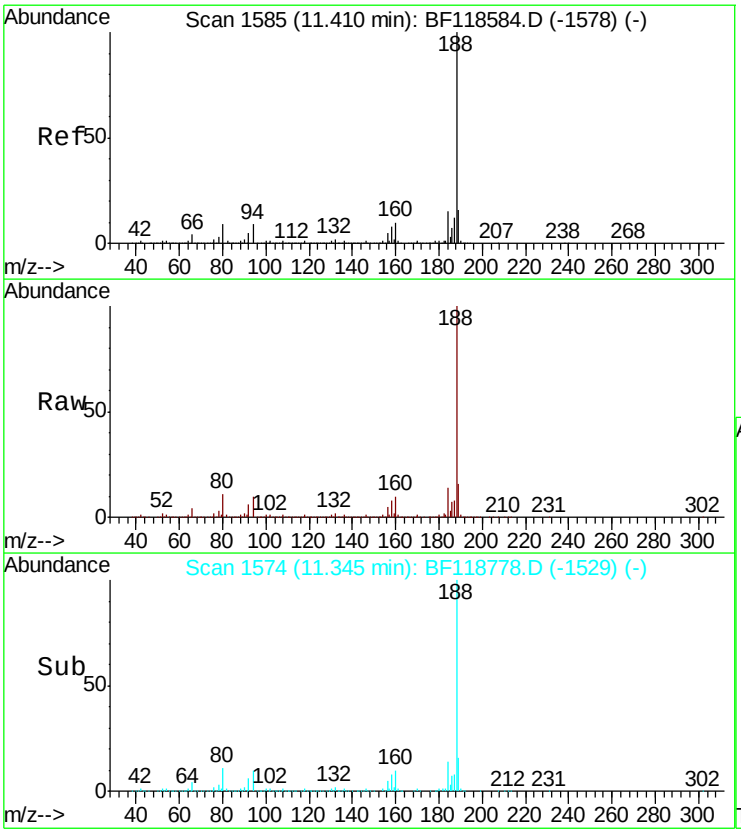
#57
2,4-Dinitrotoluene
Concen: 7.567 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 89183

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.5	42.7#
89	1.2	50.4	75.6#
182	0.4	2.3	3.5#

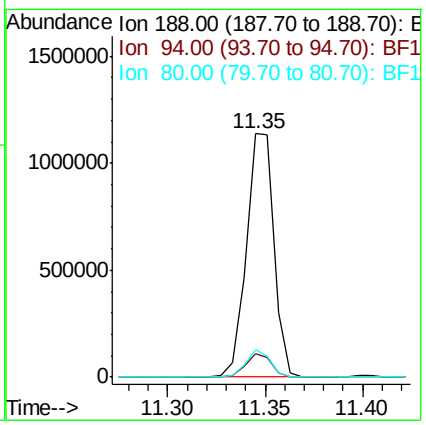


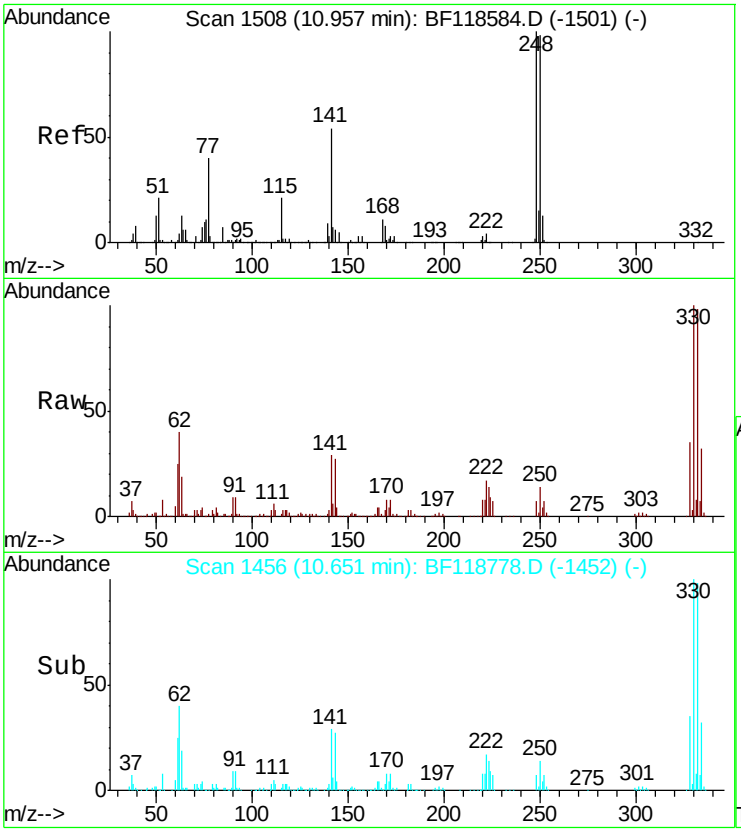


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:188 Resp: 1106335

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	11.0	7.8	11.8



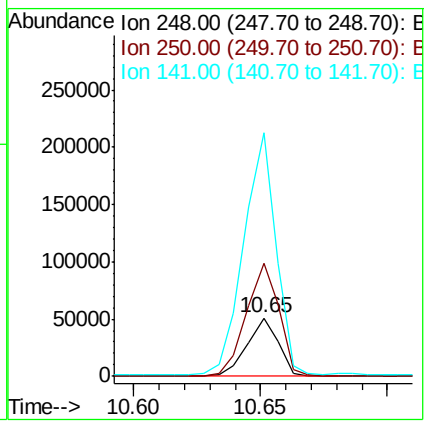


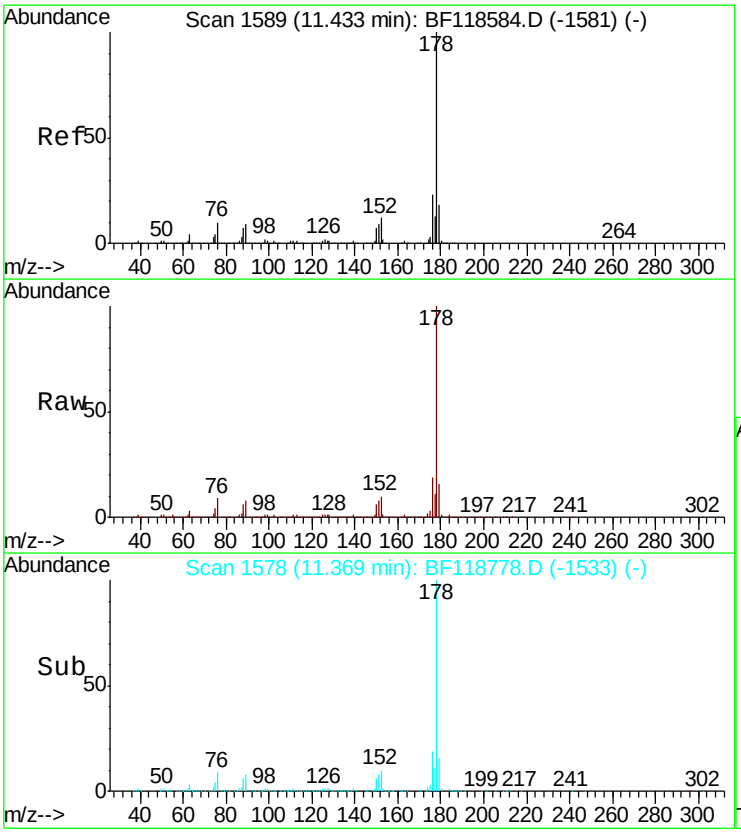
#67
4-Bromophenyl-phenylether
Concen: 3.206 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.28 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 43819

Ion	Ratio	Lower	Upper
248	100		
250	194.7	78.7	118.1#
141	419.7	48.4	72.6#

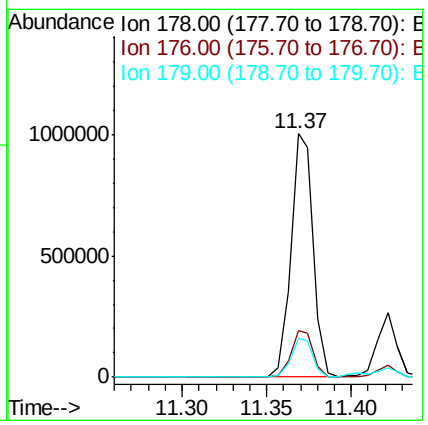


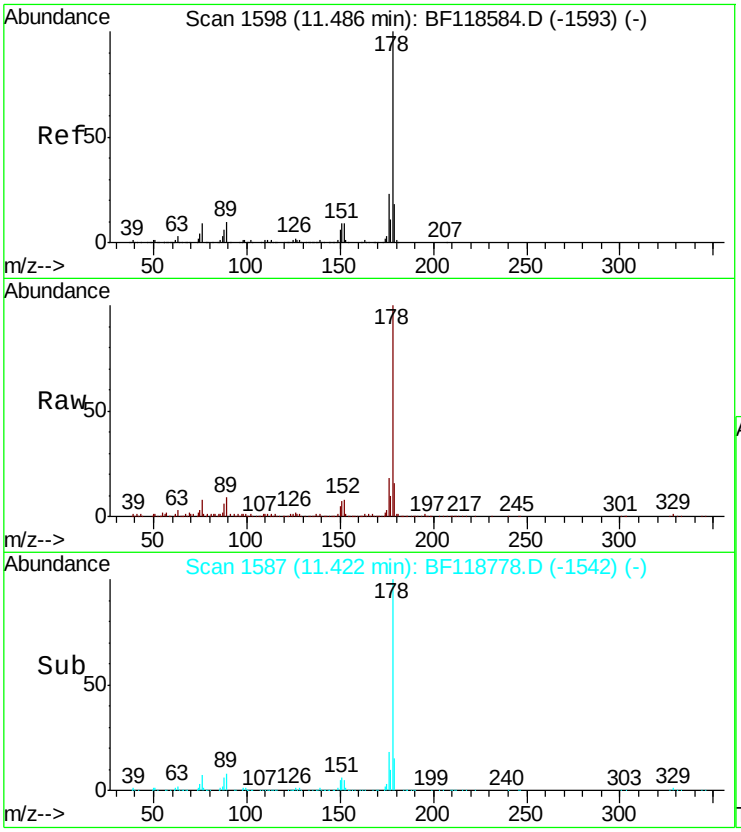


#71
Phenanthrene
Concen: 17.192 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:178 Resp: 917634

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.5	24.7
179	15.9	13.3	19.9



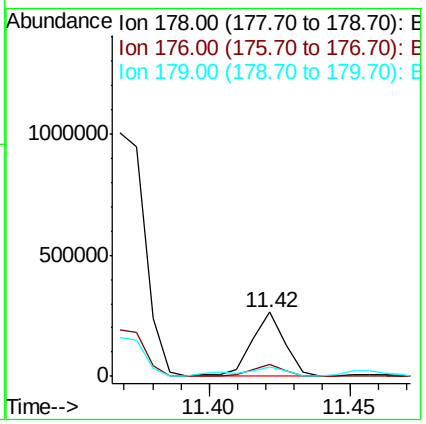


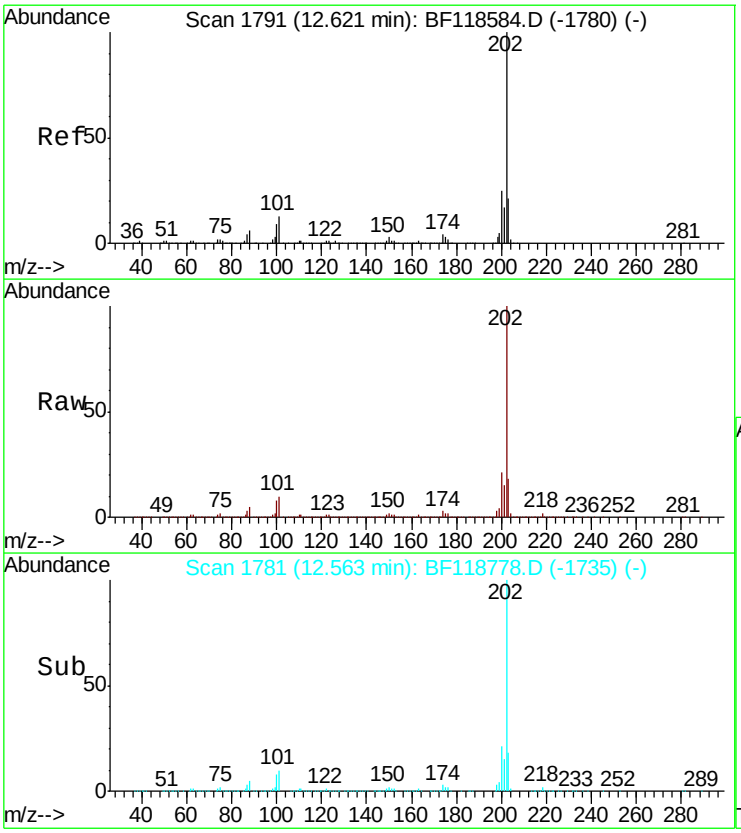
#72
Anthracene
Concen: 3.953 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 208793

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.6	13.3	19.9

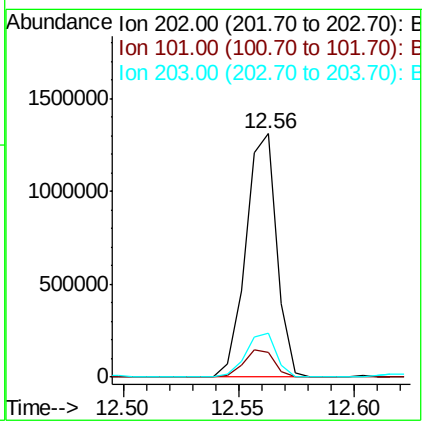


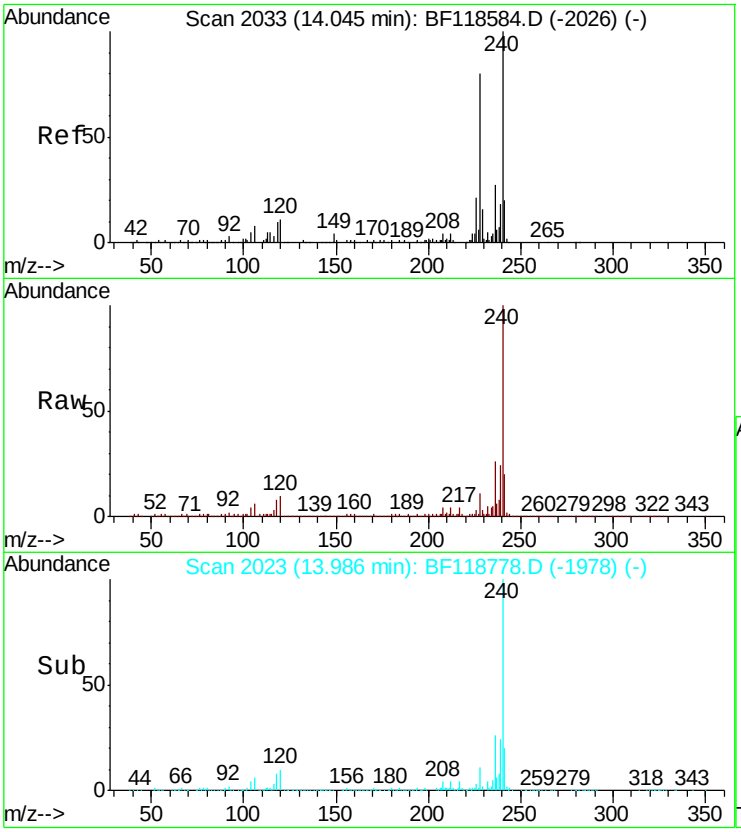


#75
Fluoranthene
Concen: 21.770 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.03 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:202 Resp: 1225558

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.1
203	17.8	0.0	38.9



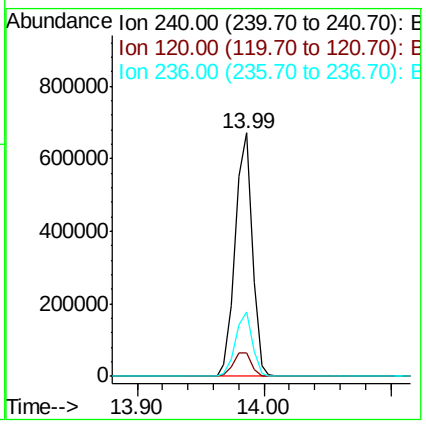


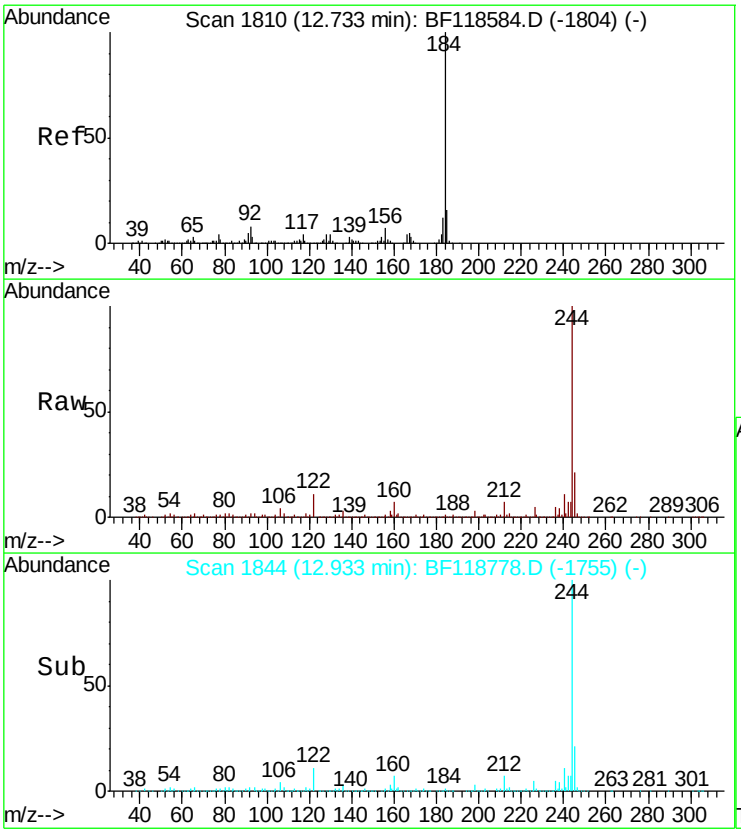
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 615739

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	26.4	21.0	31.4

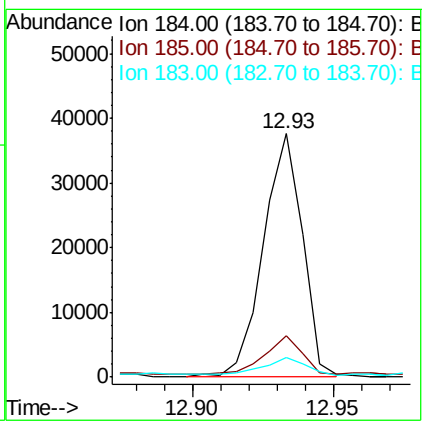


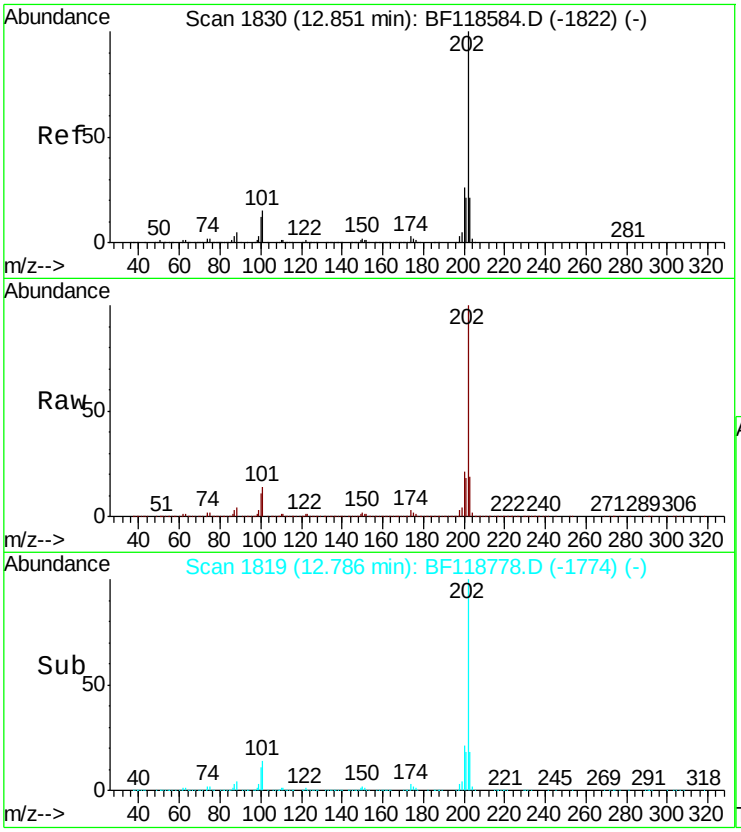


#77
Benzidine
Concen: 2.192 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.22 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:184 Resp: 36068

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.8
183	7.8	9.7	14.5#



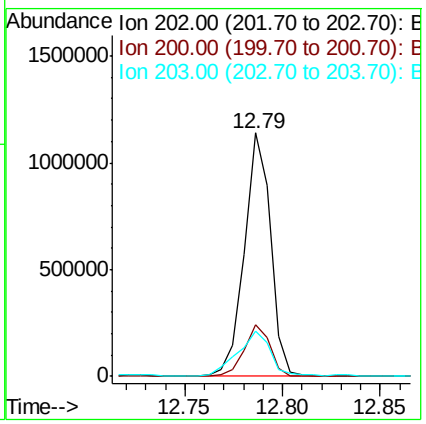


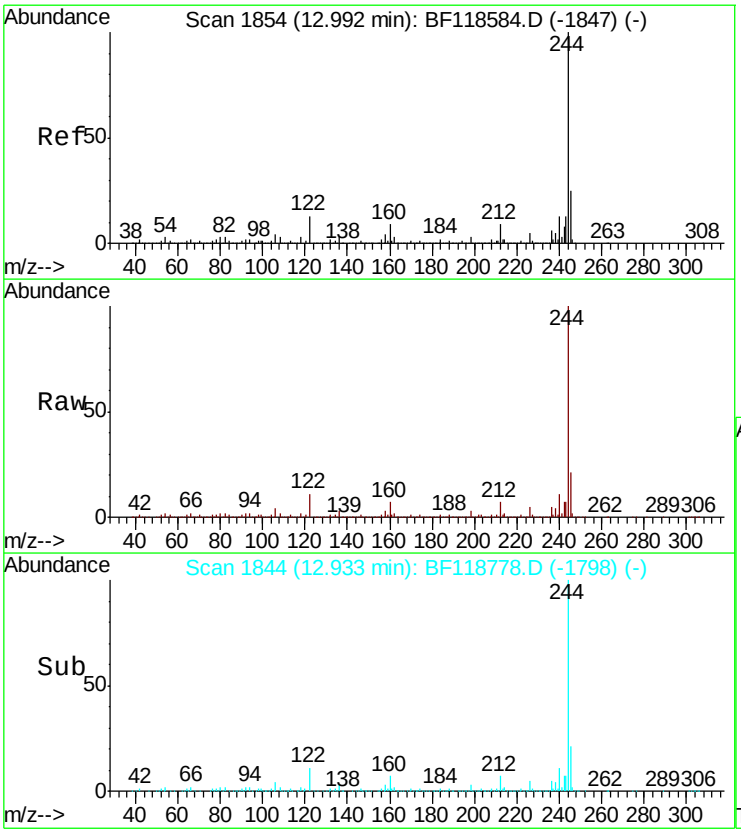
#78
Pyrene
Concen: 25.306 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1057856

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.1	27.1
203	18.6	15.2	22.8

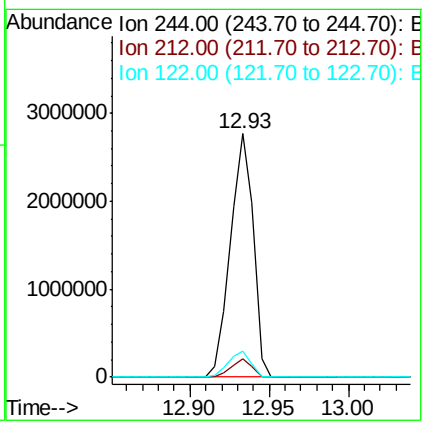


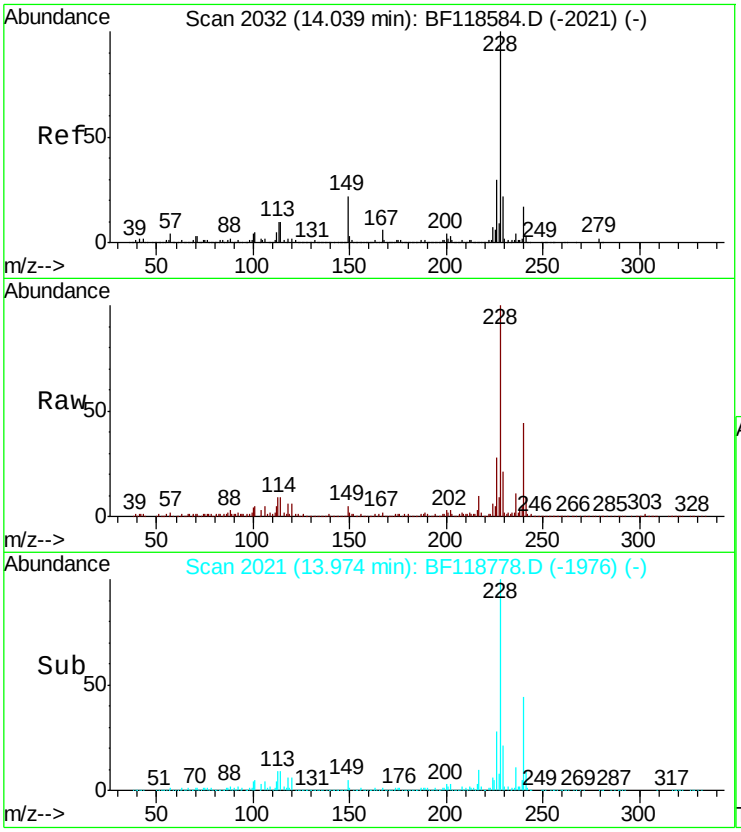


#79
Terphenyl-d14
Concen: 97.606 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:244 Resp: 2755496

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.9	9.2	13.8



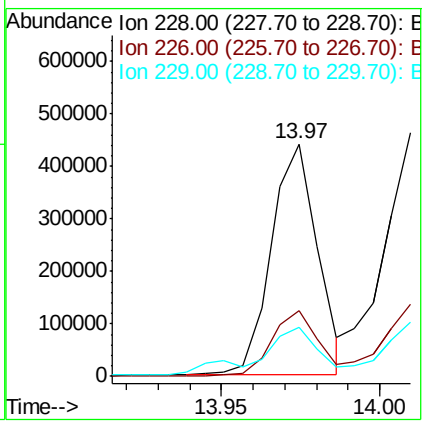


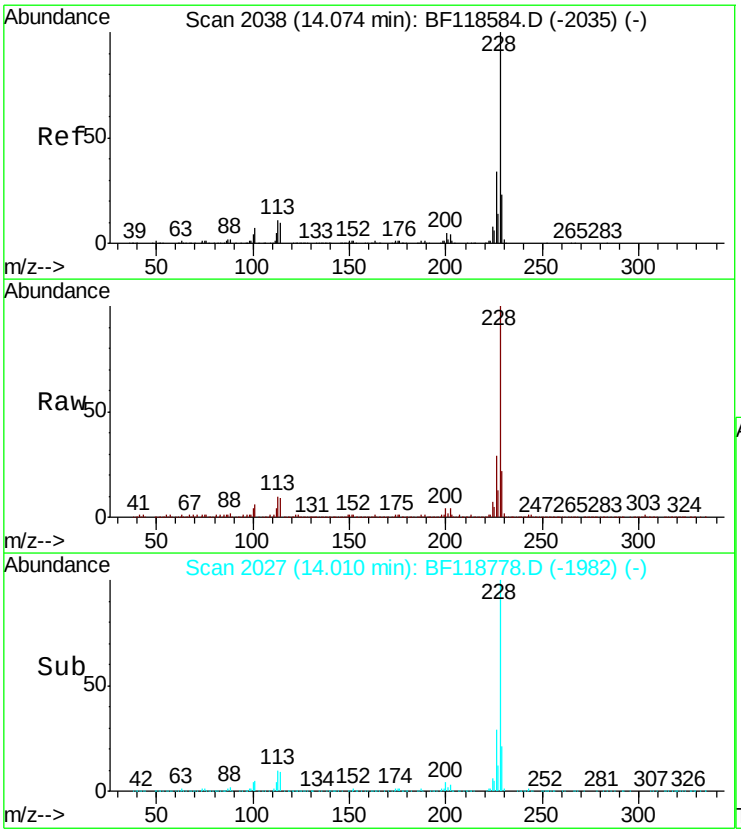
#81
Benzo(a)anthracene
Concen: 12.038 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 445881

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.9	16.6	25.0

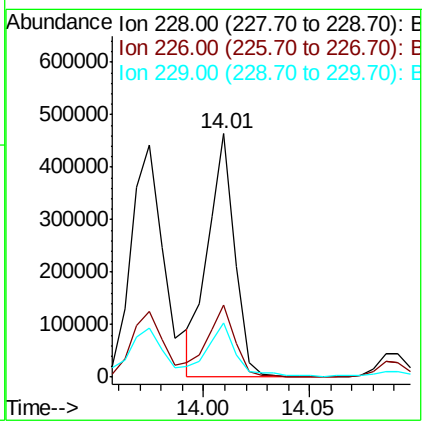


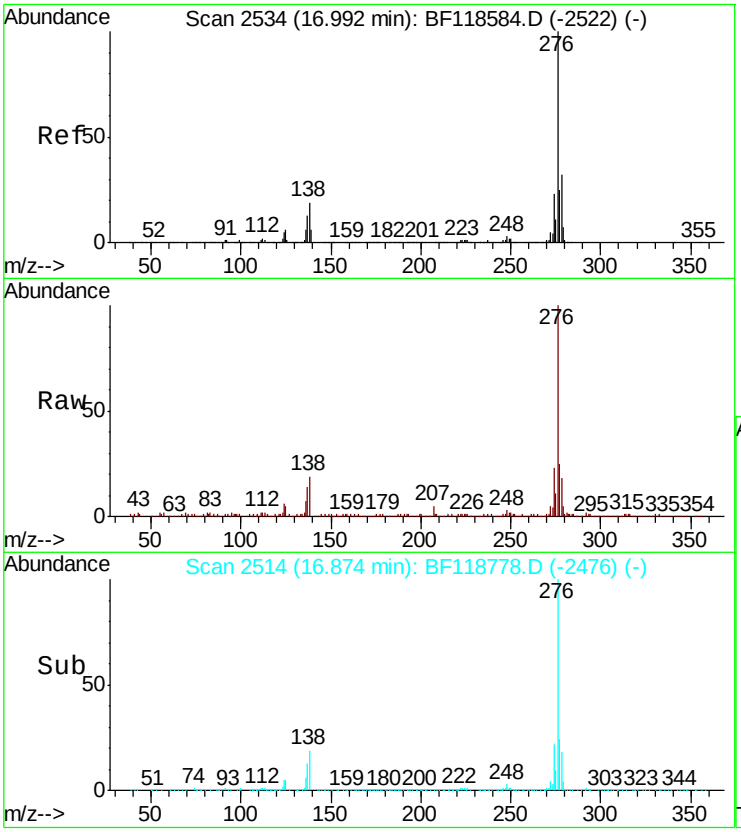


#83
Chrysene
Concen: 11.397 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:228 Resp: 404589

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	22.2	17.1	25.7



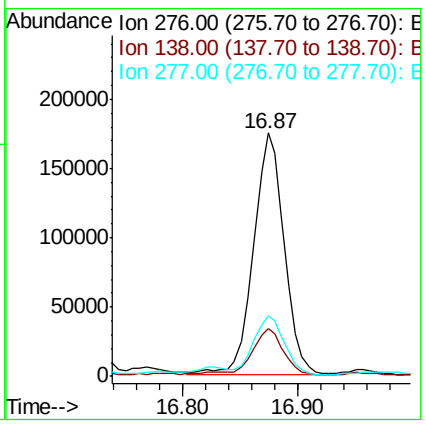


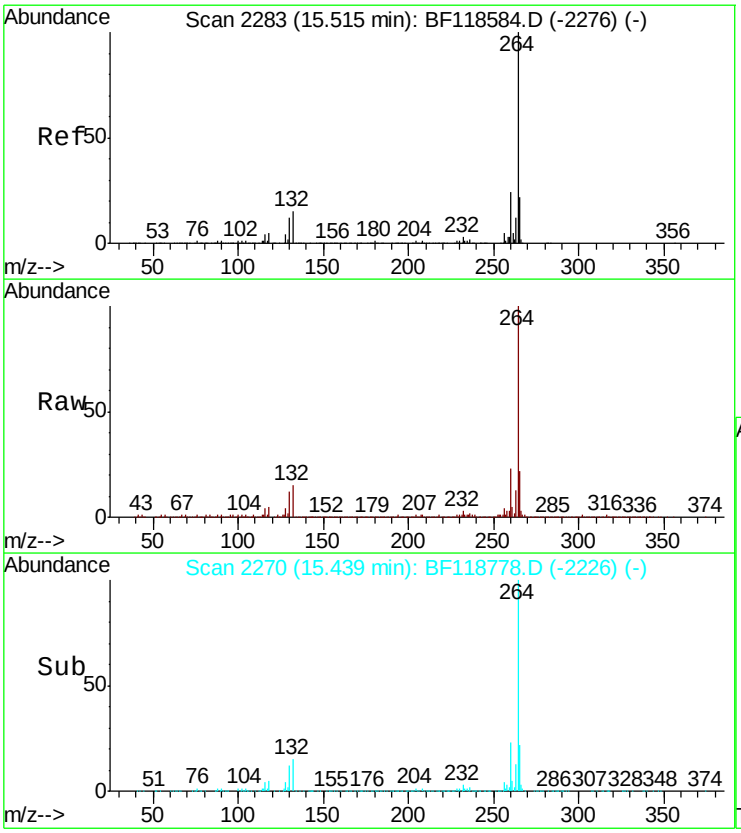
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.551 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.08 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 325449

Ion	Ratio	Lower	Upper
276	100		
138	18.4	18.2	27.4
277	24.2	20.4	30.6

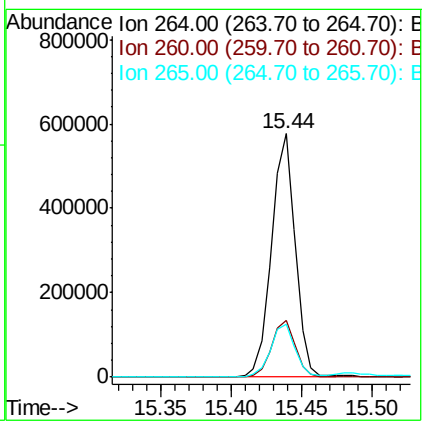


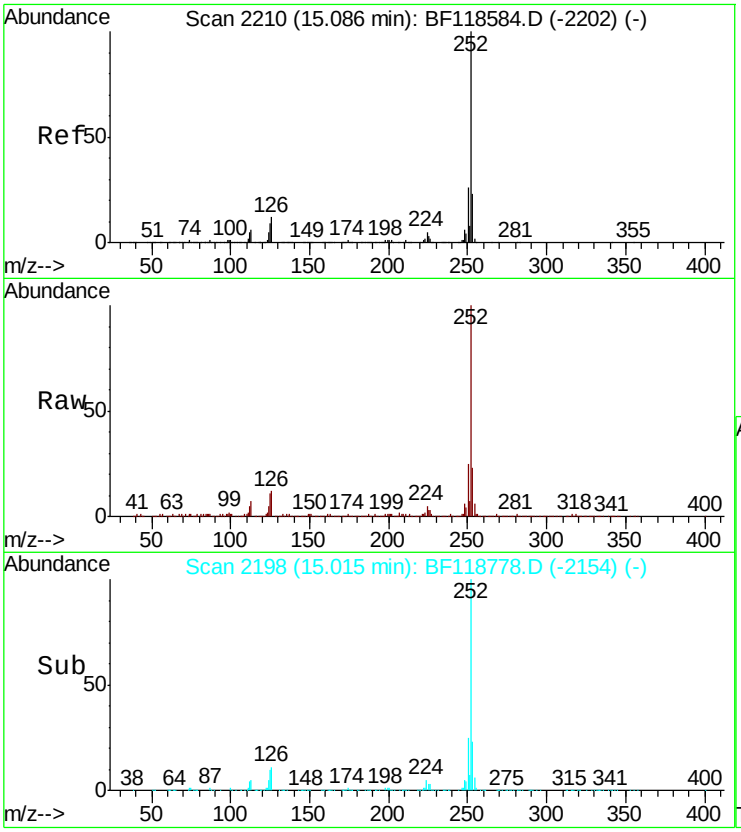


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:264 Resp: 676606

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.8	17.0	25.6



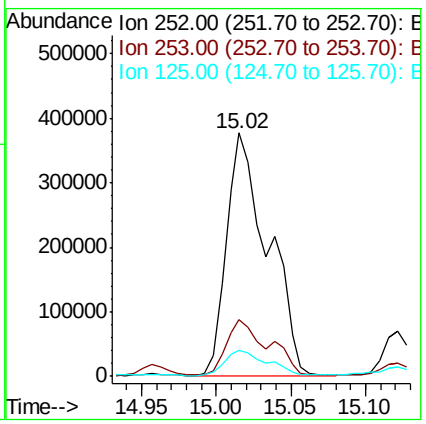


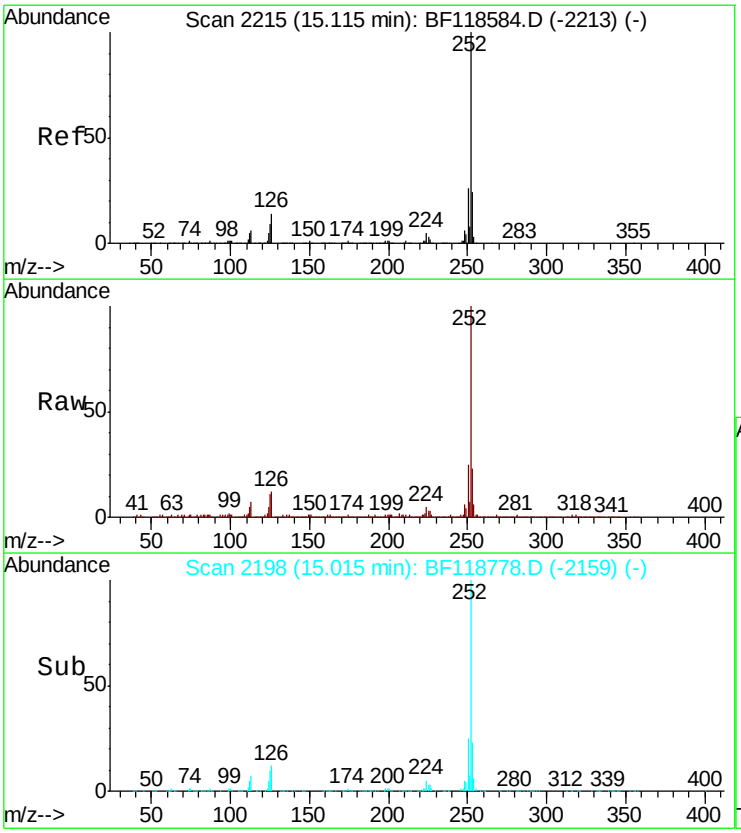
#88
Benzo(b)fluoranthene
Concen: 17.111 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 727723

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	10.5	7.7	11.5

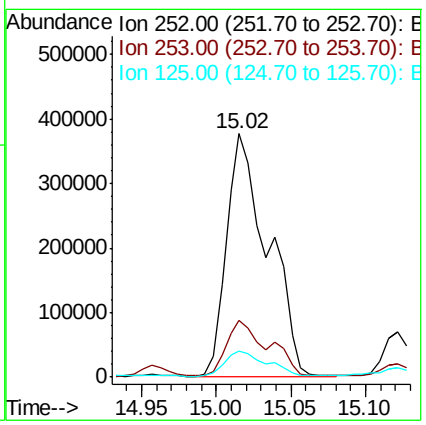


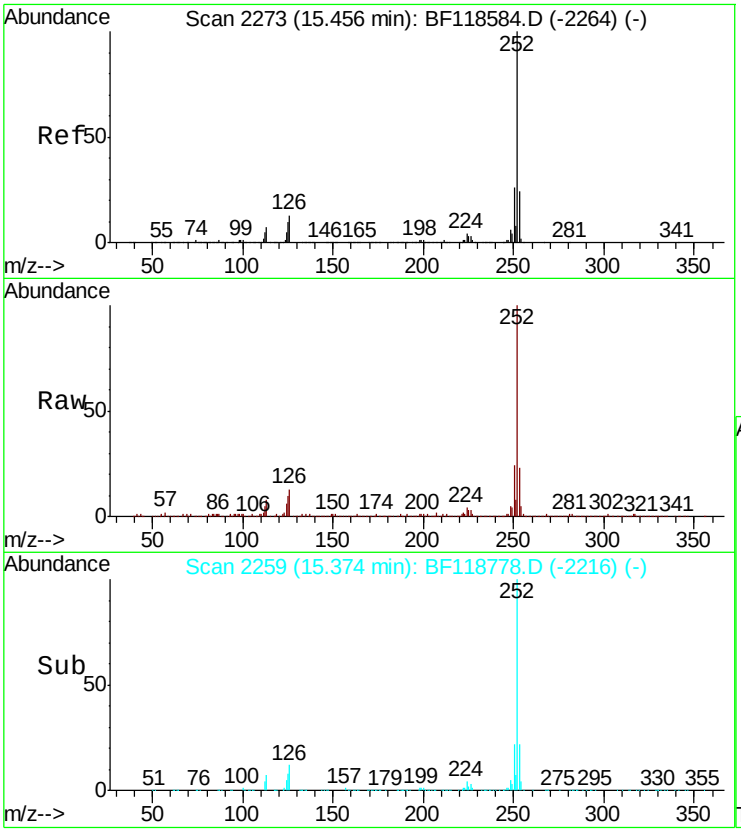


#89
Benzo(k)fluoranthene
Concen: 18.469 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.07 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:252 Resp: 727723

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	10.5	8.1	12.1



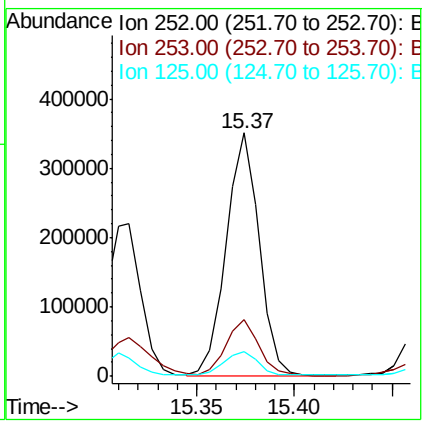


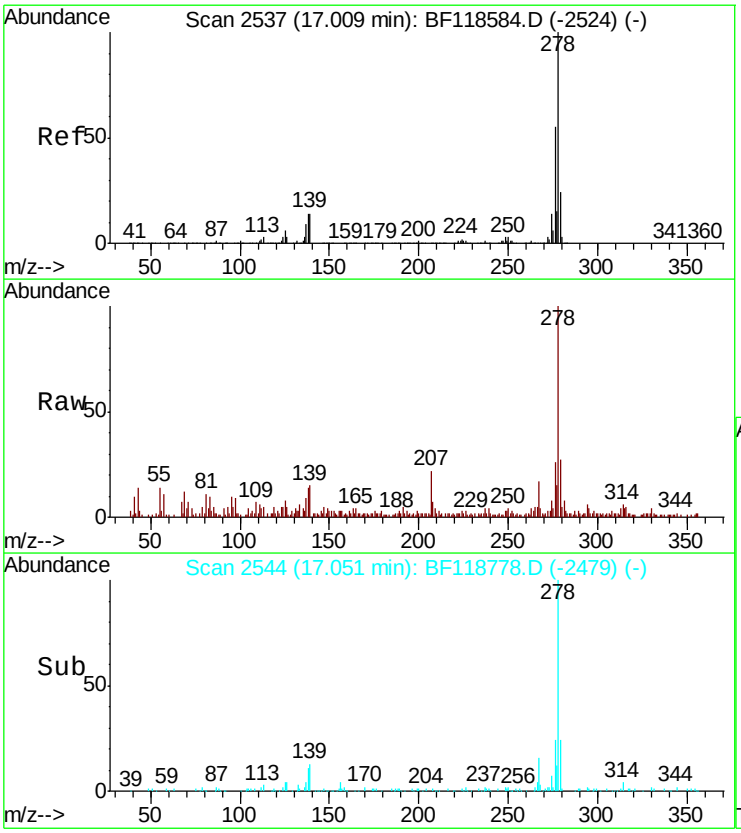
#90
Benzo(a)pyrene
Concen: 11.101 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.05 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 407277

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	10.3	8.3	12.5

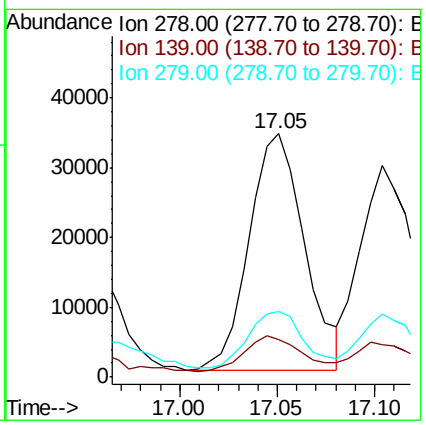


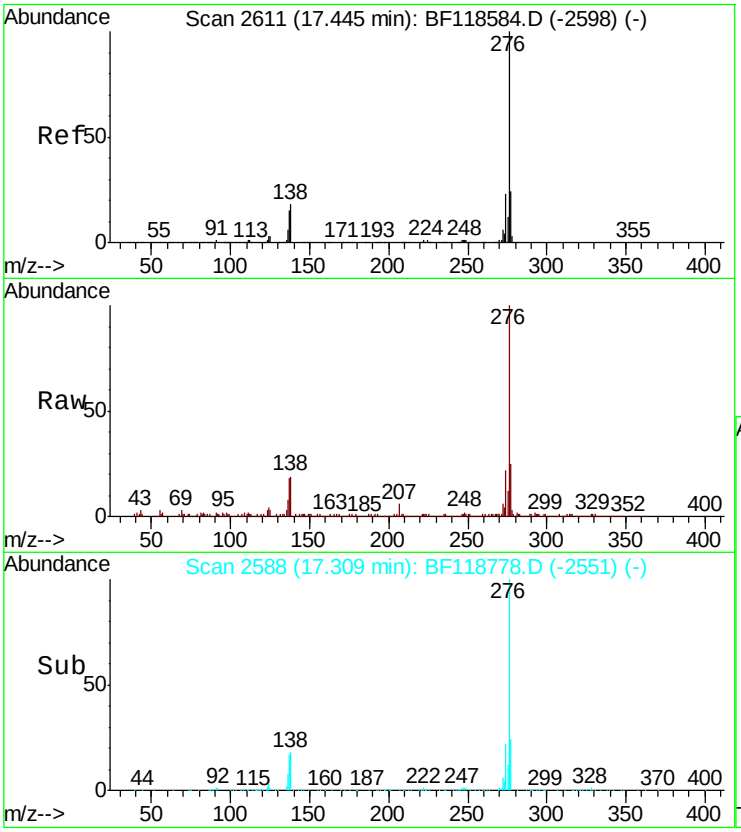


#91
Dibenzo(a,h)anthracene
Concen: 2.050 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.08 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Tgt Ion:278 Resp: 66521

Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	27.0	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 9.777 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.08 min
Lab File: BF118778.D
Acq: 31 Jan 2020 13:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 308059

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.6
138	19.3	15.4	23.2