Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117351.D
Acq On : 8 Oct 2019 20:03
Operator : JU
Sample : K5152-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 01:31:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	45904	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	195013	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	101955	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	150040	20.00	ng		0.00
76) Chrysene-d12	13.97	240	103707	20.00	ng		0.00
87) Perylene-d12	15.43	264	104624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	101484	34.52	ng		0.00
7) Phenol-d6	6.44	99	156269	41.13	ng		-0.01
23) Nitrobenzene-d5	7.36	82	92140	24.83	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	26785	31.43	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	193389	29.66	ng		-0.01
79) Terphenyl-d14	12.90	244	153650	27.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	2565	Below Cal		#	67
19) n-Nitroso-di-n-propylamine	7.36	70	13057	5.643	ng	#	78
25) Isophorone	7.36	82	92140	14.021	ng	#	66
49) Acenaphthylene	9.70	152	26309	2.783	ng	#	96
50) Dimethylphthalate	9.55	163	21292	2.949	ng		99
52) Acenaphthene	9.86	154	12557	2.240	ng		93
58) Fluorene	10.39	166	25870	3.884	ng	#	95
69) Atrazine	11.01	200	154	Below Cal		#	38
71) Phenanthrene	11.35	178	220925	25.923	ng		98
72) Anthracene	11.40	178	66884	7.687	ng		97
75) Fluoranthene	12.55	202	379407	43.328	ng		99
78) Pyrene	12.77	202	345926	39.753	ng		99
81) Benzo(a)anthracene	13.96	228	172008	24.825	ng		97
83) Chrysene	14.00	228	152453	22.560	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	57346	11.631	ng		96
88) Benzo(b)fluoranthene	15.01	252	224295	35.392	ng	#	96
89) Benzo(k)fluoranthene	15.01	252	224295	37.362	ng	#	96
90) Benzo(a)pyrene	15.37	252	119588	21.504	ng	#	92
91) Dibenzo(a,h)anthracene	16.89	278	14159	3.196	ng	#	77
92) Benzo(g,h,i)perylene	17.33	276	57470	13.018	ng		92

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

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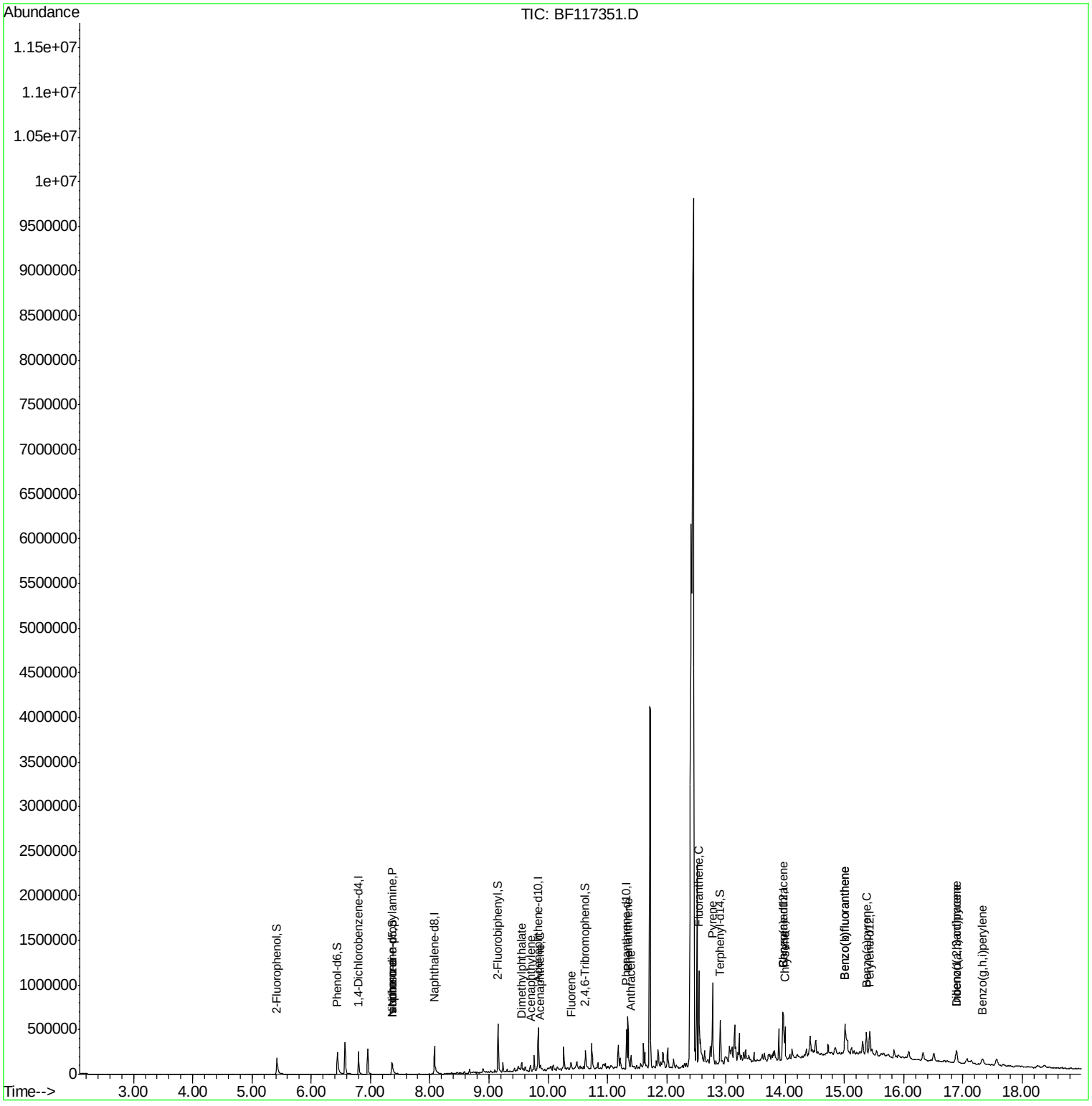
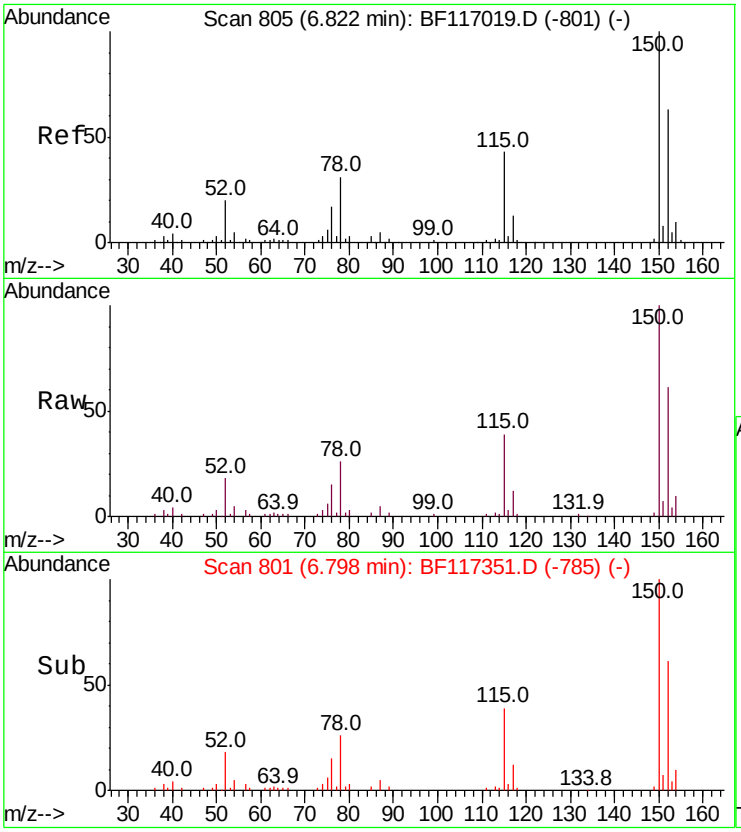


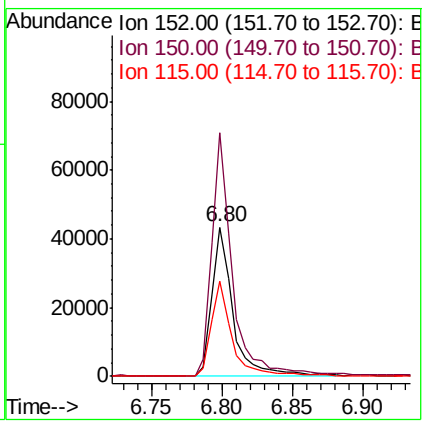


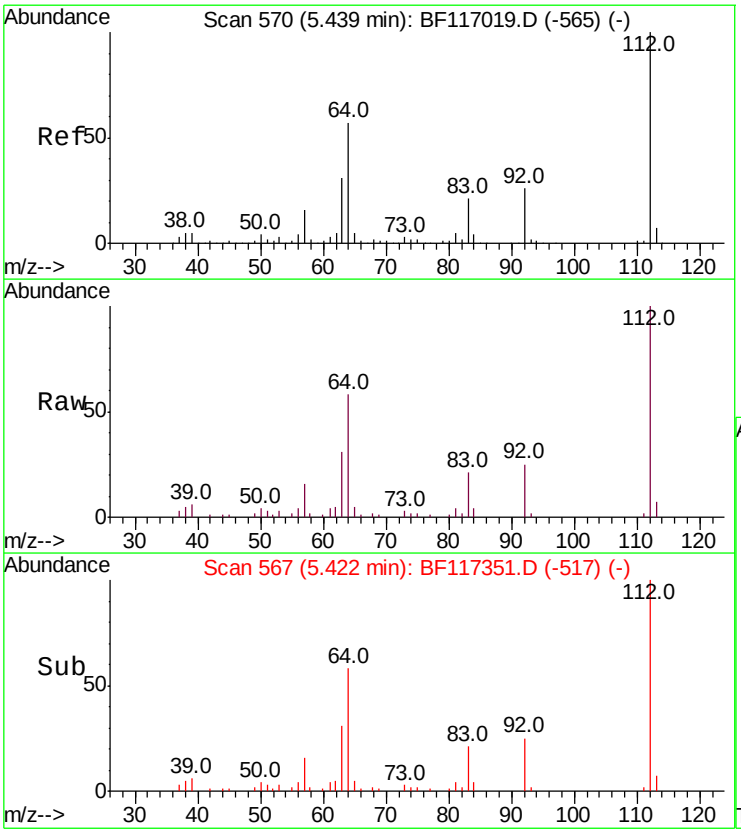
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45904

Ion	Ratio	Lower	Upper
152	100		
150	162.9	127.5	191.3
115	63.5	55.0	82.4

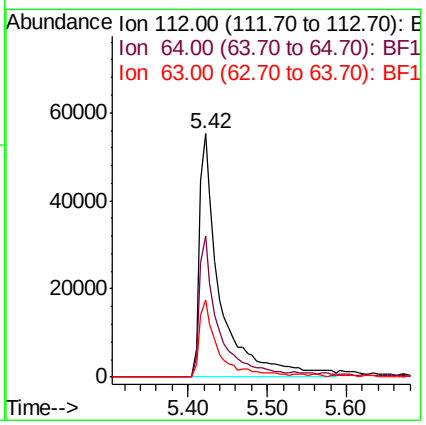


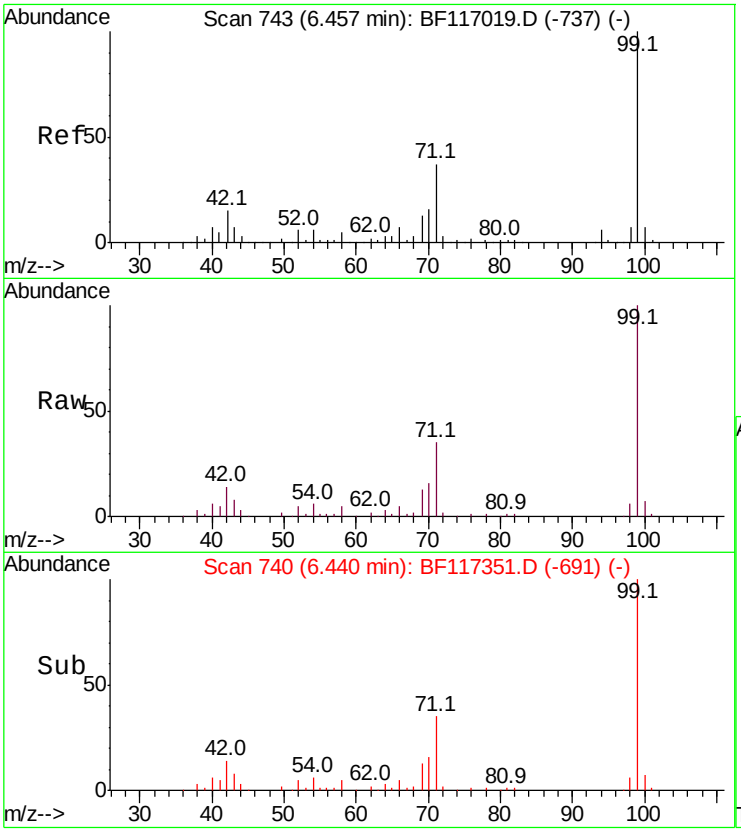


#5
2-Fluorophenol
Concen: 34.516 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:112 Resp: 101484

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.7	68.5
63	31.5	24.9	37.3



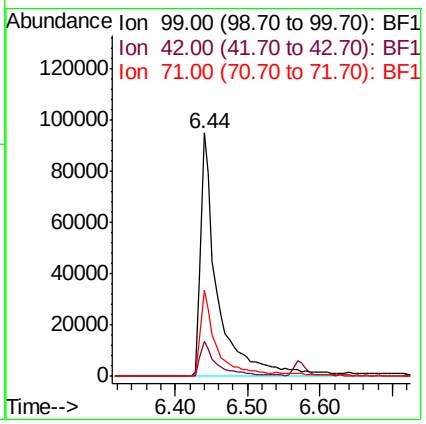


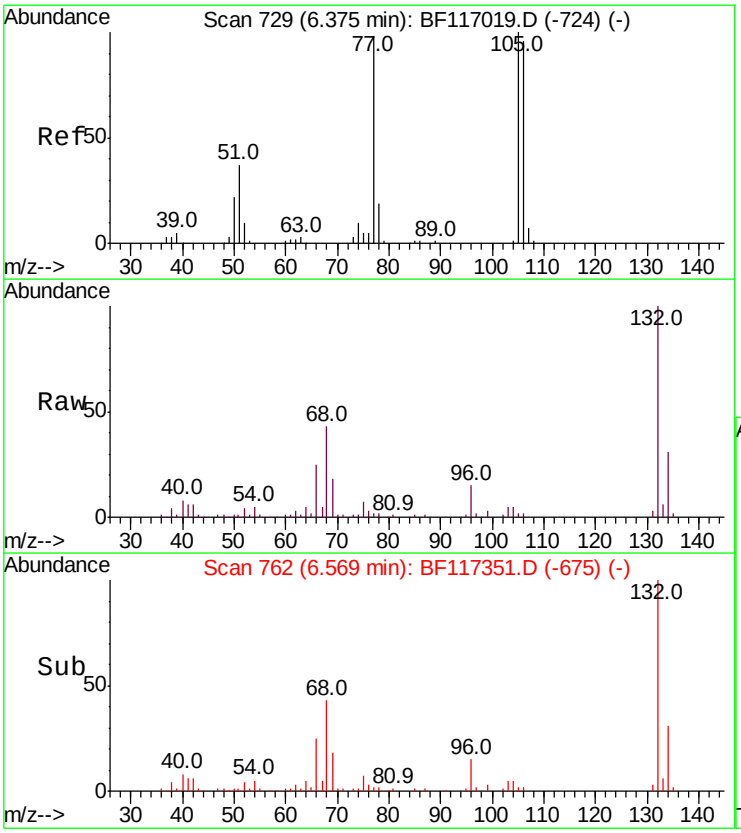
#7
Phenol-d6
Concen: 41.125 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 156269

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.2
71	35.4	29.8	44.8

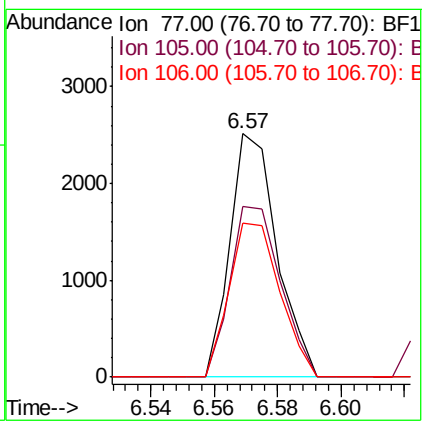


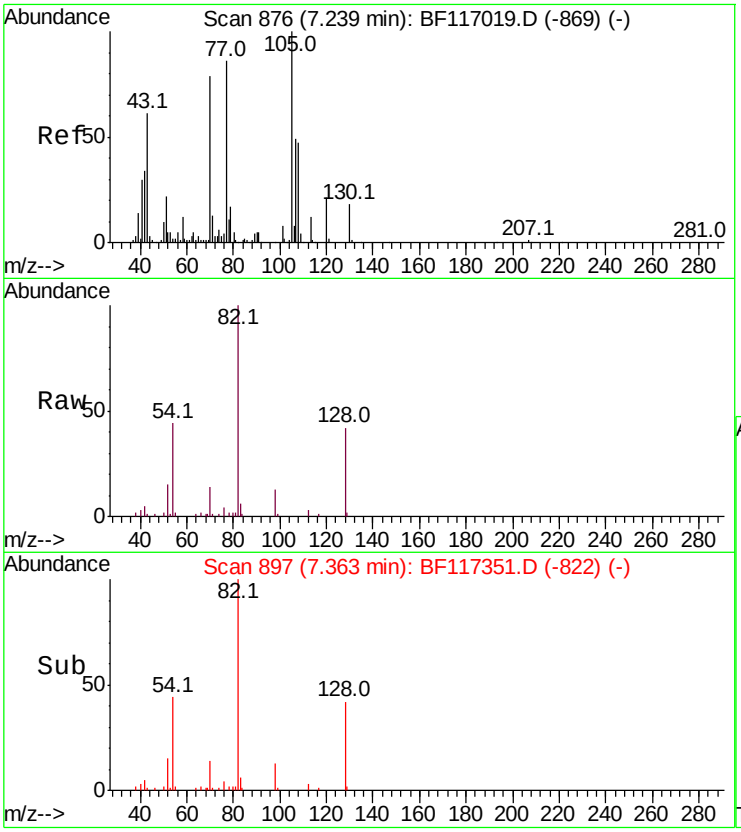


#9
Benzaldehyde
Concen: Below Cal
RT: 6.57 min Scan# 762
Delta R.T. 0.21 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion: 77 Resp: 2565

Ion	Ratio	Lower	Upper
77	100		
105	69.9	81.8	121.8#
106	63.5	77.3	117.3#



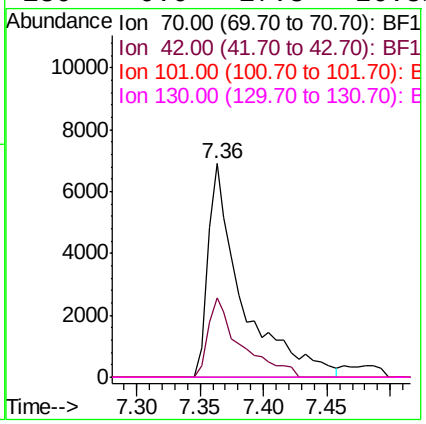


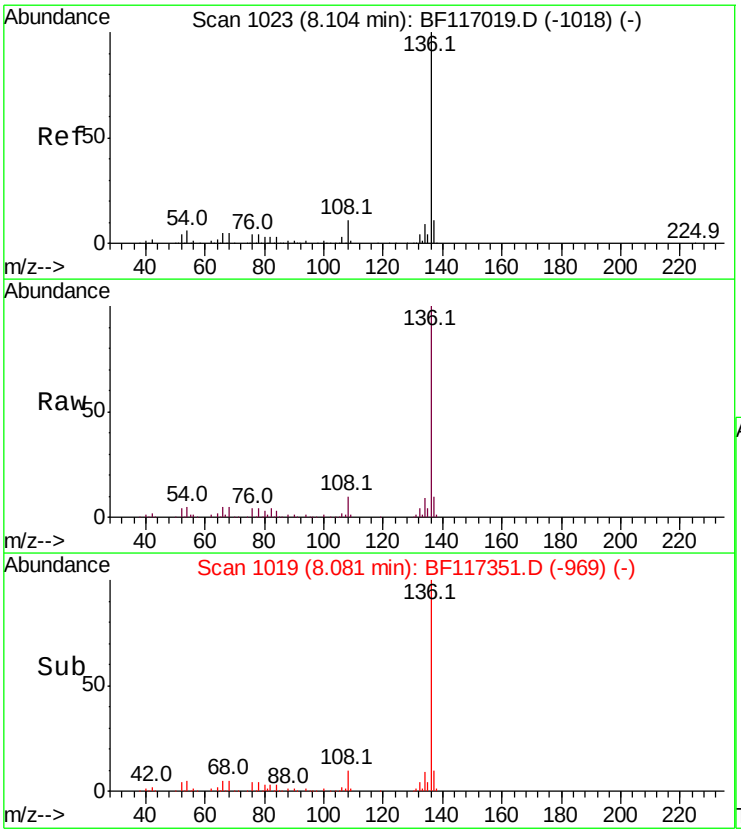
#19
n-Nitroso-di-n-propylamine
Concen: 5.643 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 13057

Ion	Ratio	Lower	Upper
70	100		
42	37.2	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

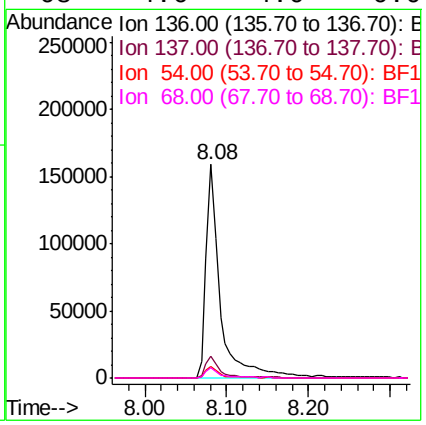


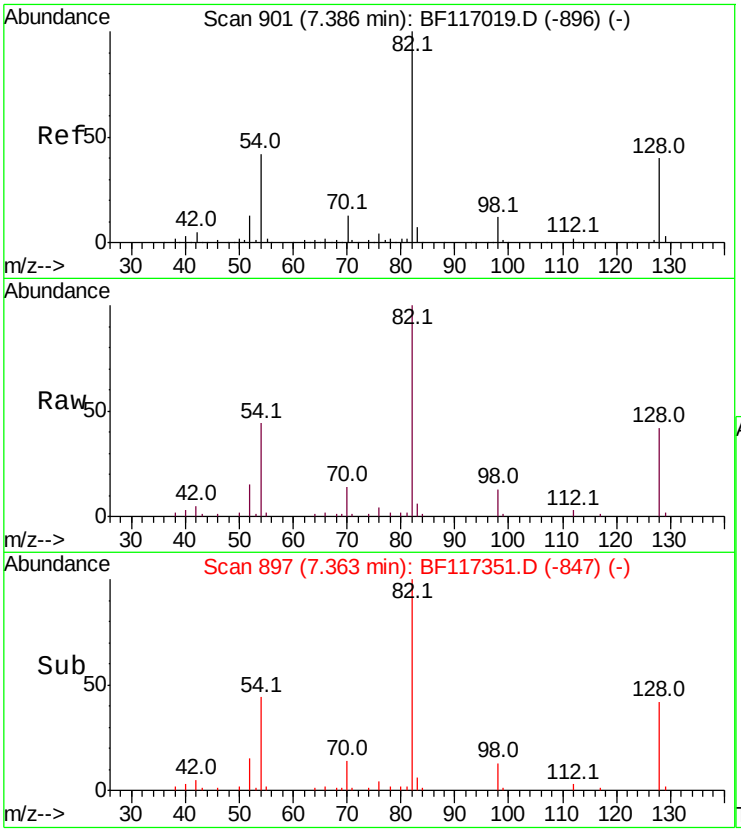


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:136 Resp: 195013

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.5	4.5	6.7
68	4.6	4.0	6.0



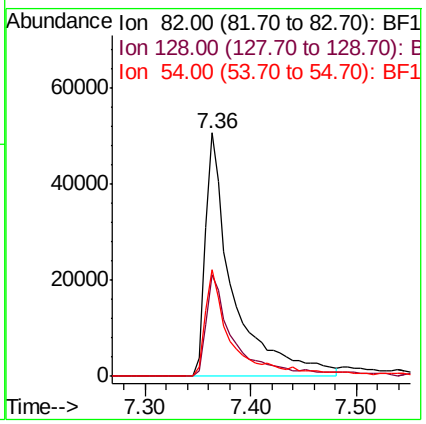


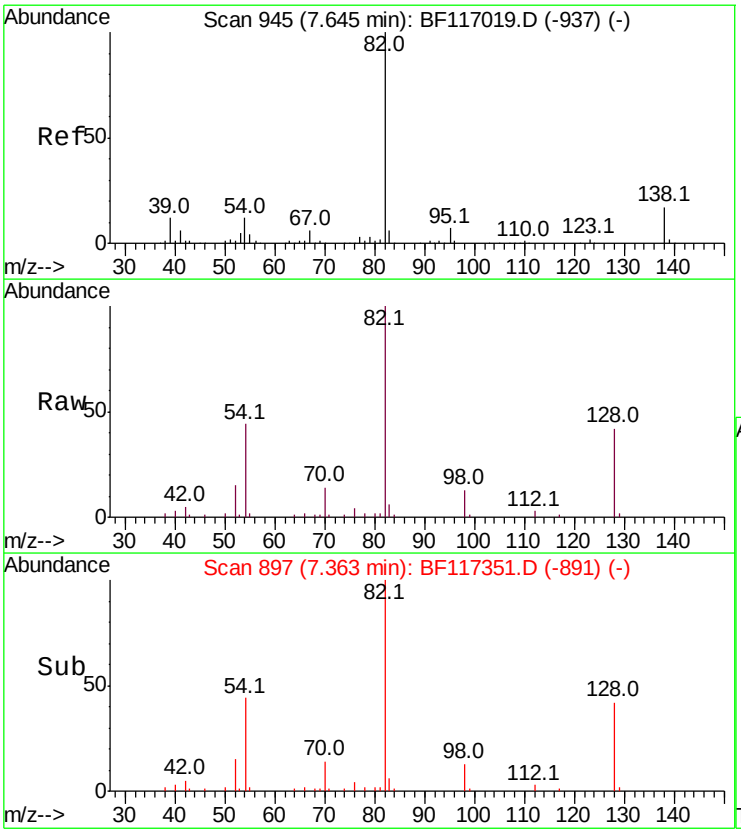
#23
Nitrobenzene-d5
Concen: 24.825 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92140

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.3	48.5
54	44.0	33.3	49.9

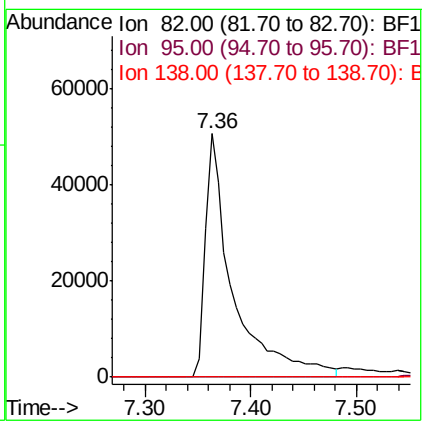


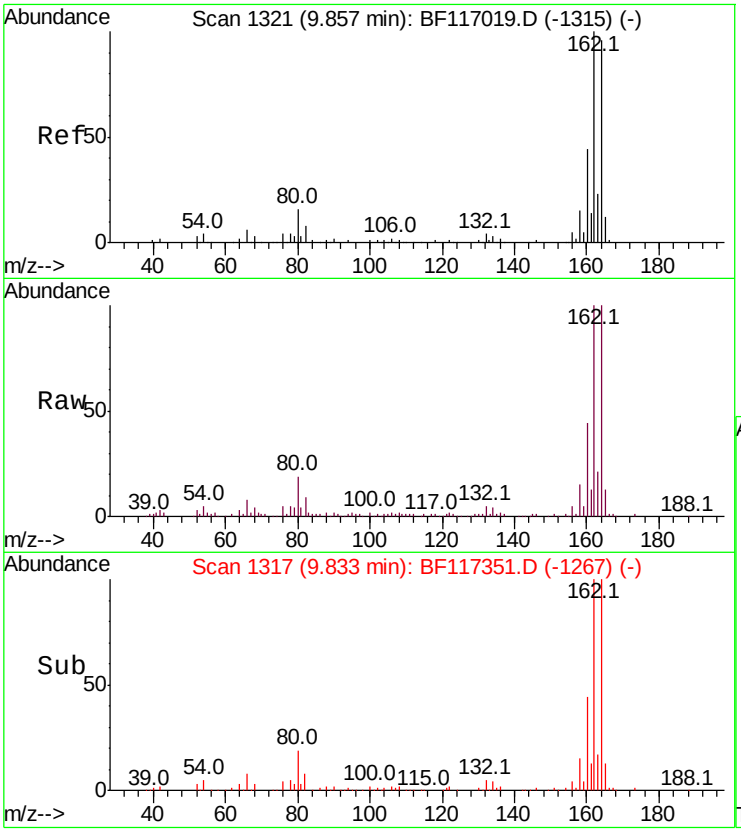


#25
Isophorone
Concen: 14.021 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion: 82 Resp: 92140

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



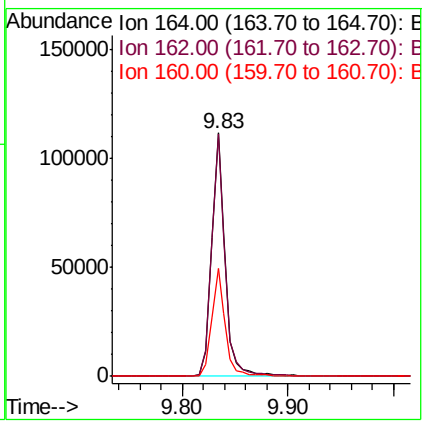


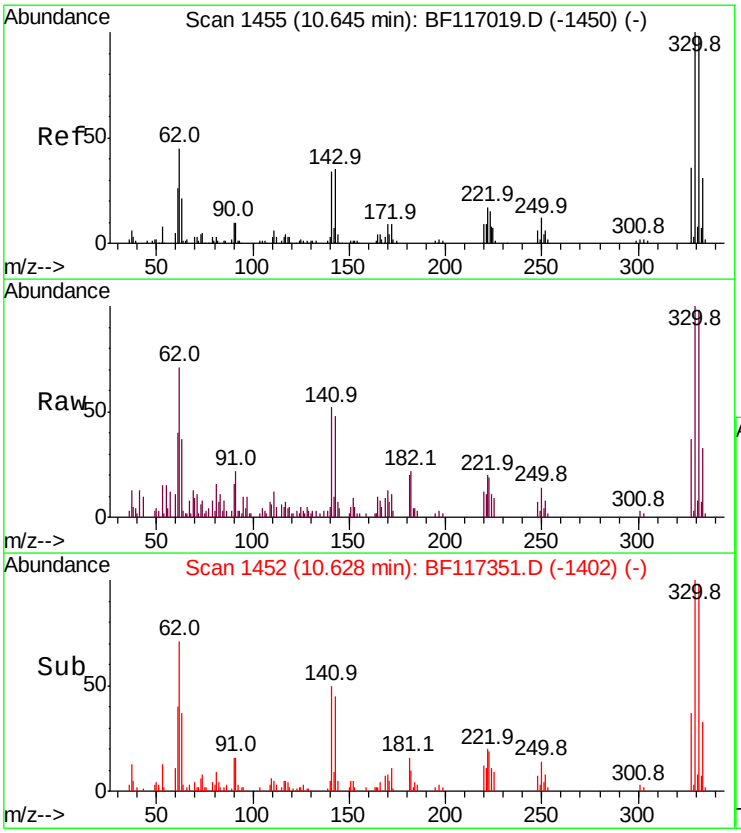
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 101955

Ion	Ratio	Lower	Upper
164	100		
162	99.5	83.4	125.2
160	44.3	36.4	54.6

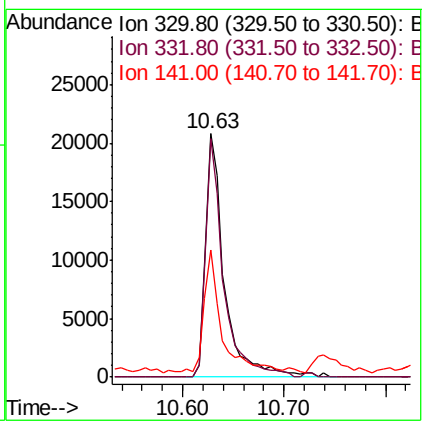


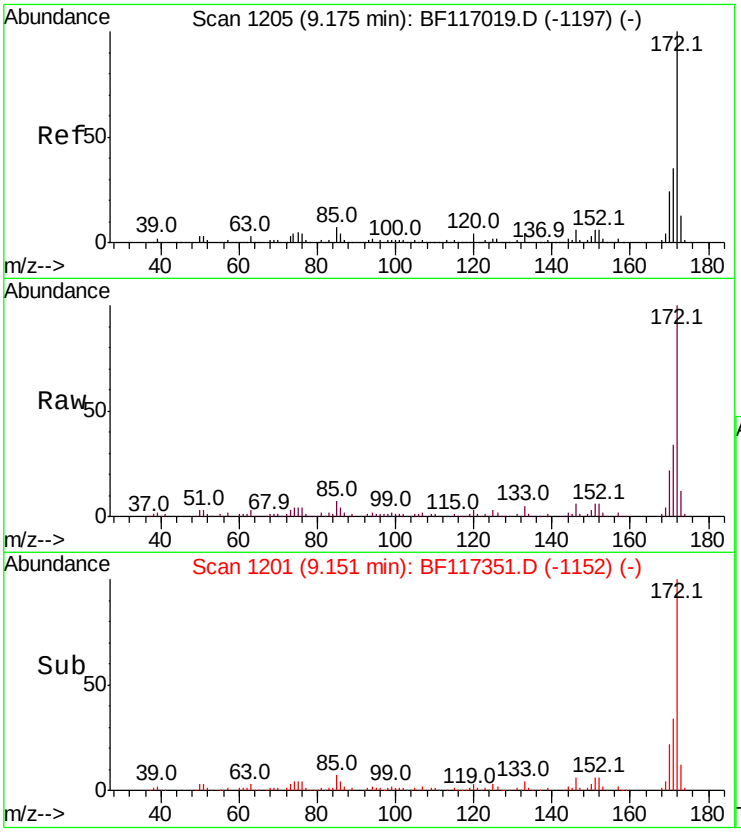


#42
2,4,6-Tribromophenol
Concen: 31.434 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:330 Resp: 26785

Ion	Ratio	Lower	Upper
330	100		
332	92.8	78.0	117.0
141	45.3	35.8	53.6



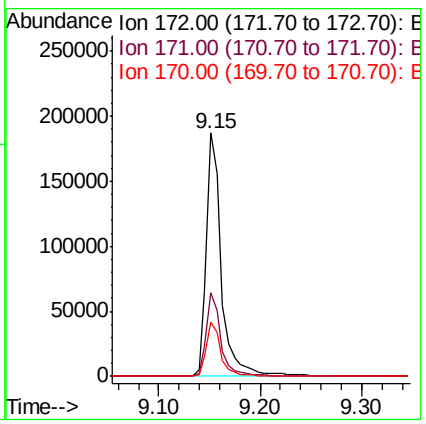


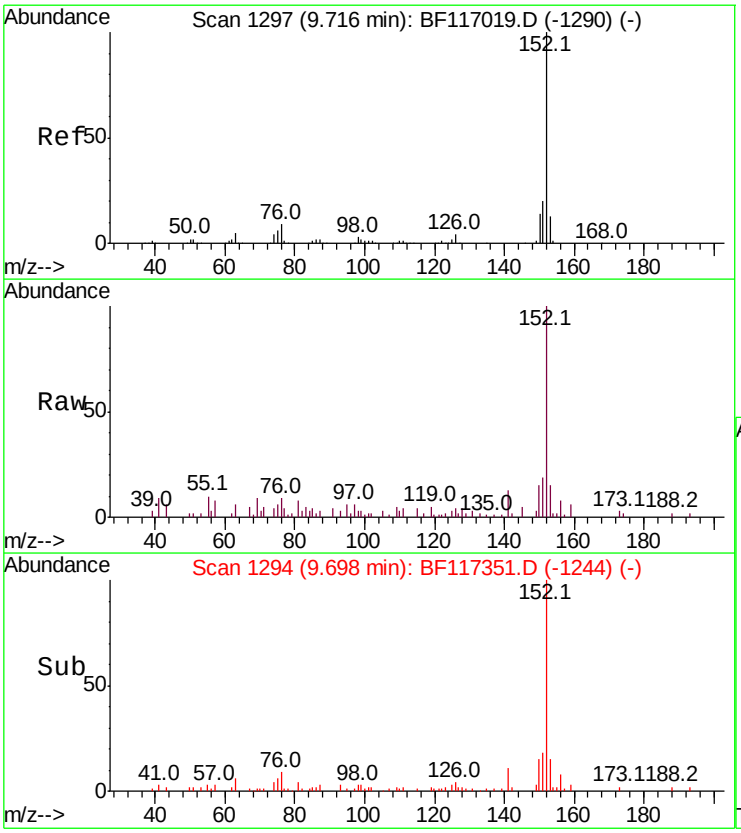
#45
2-Fluorobiphenyl
Concen: 29.658 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 193389

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.0	18.9	28.3

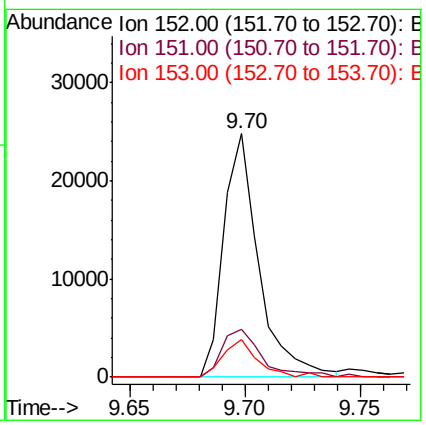


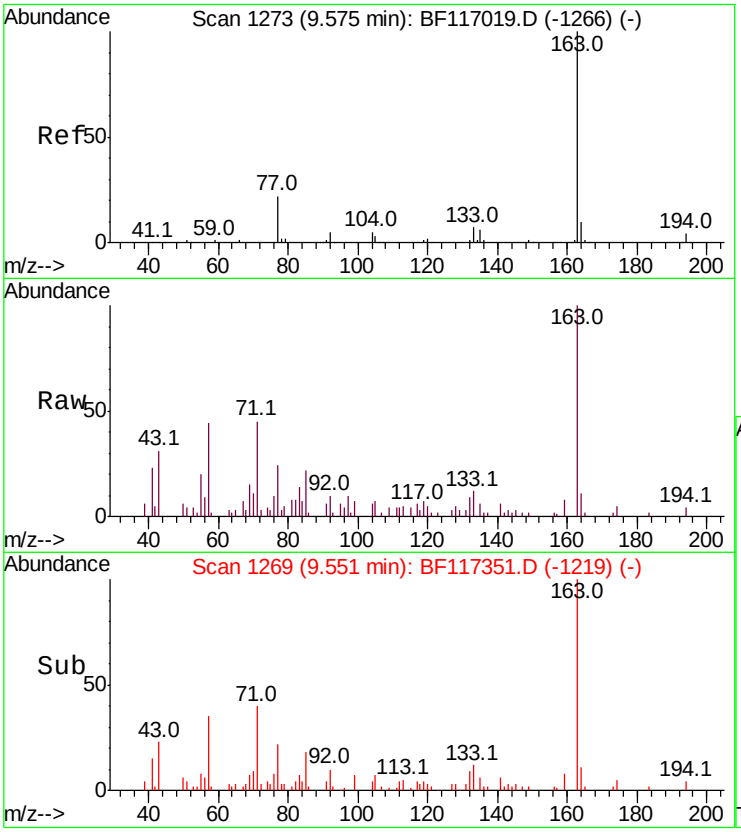


#49
Acenaphthylene
Concen: 2.783 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:152 Resp: 26309

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	15.5	10.2	15.4#



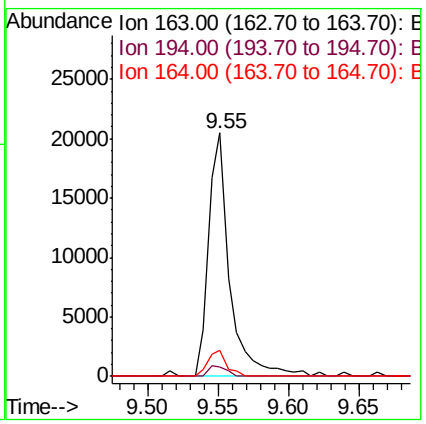


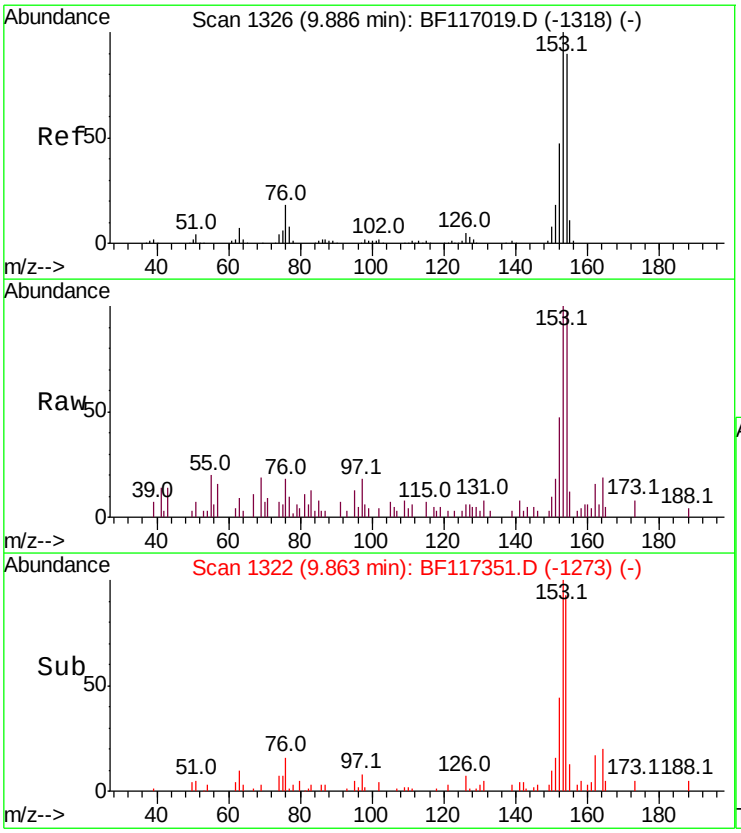
#50
Dimethylphthalate
Concen: 2.949 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 21292

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.7	8.2	12.4

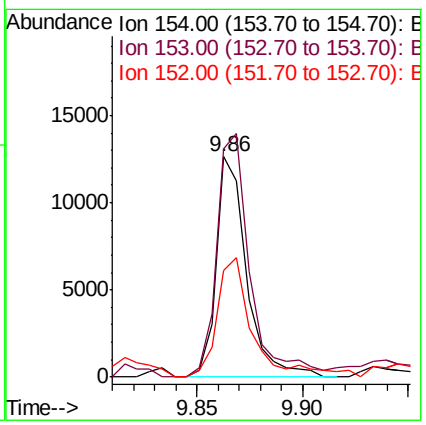


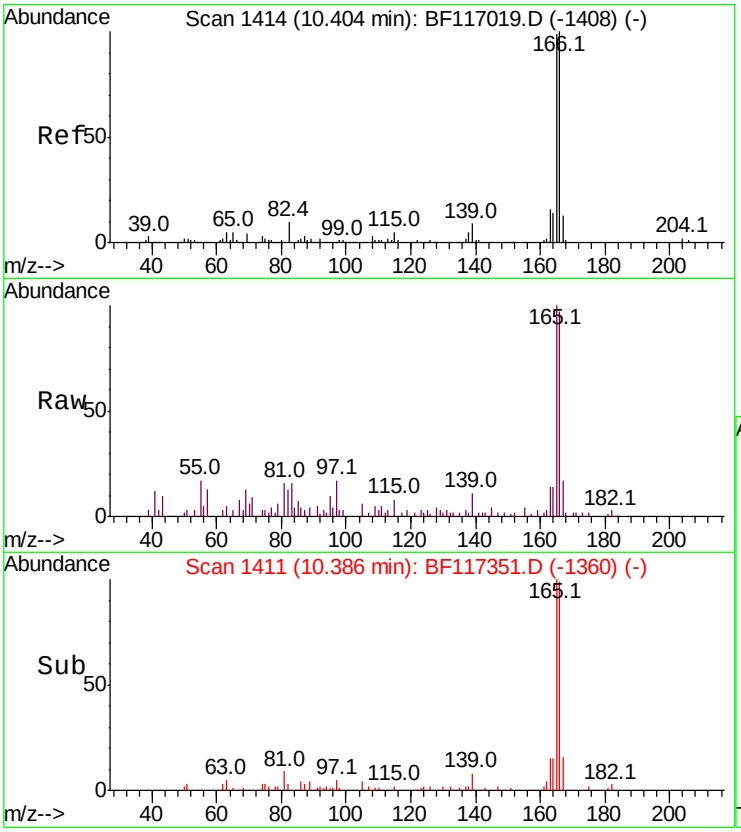


#52
Acenaphthene
Concen: 2.240 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:154 Resp: 12557

Ion	Ratio	Lower	Upper
154	100		
153	103.4	89.0	133.6
152	48.2	41.9	62.9



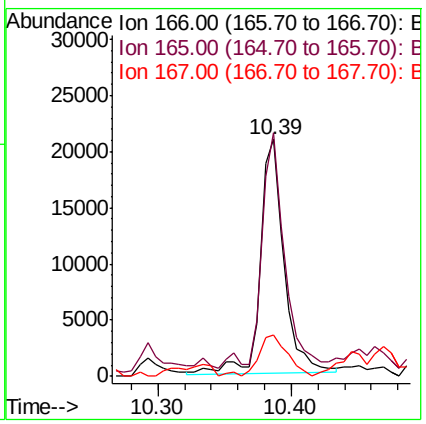


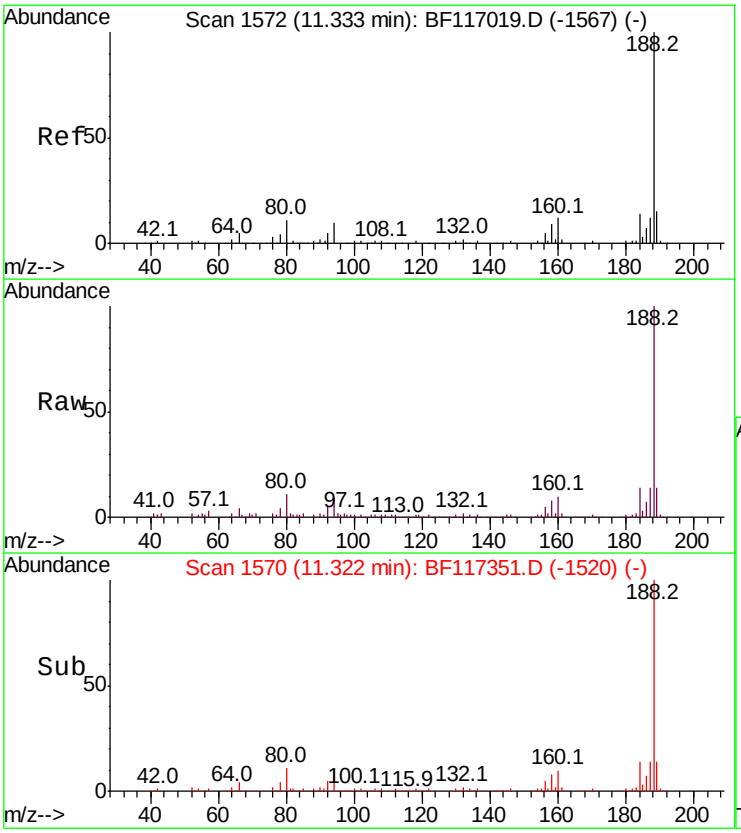
#58
Fluorene
Concen: 3.884 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 25870

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.9	118.3
167	17.6	10.6	15.8#

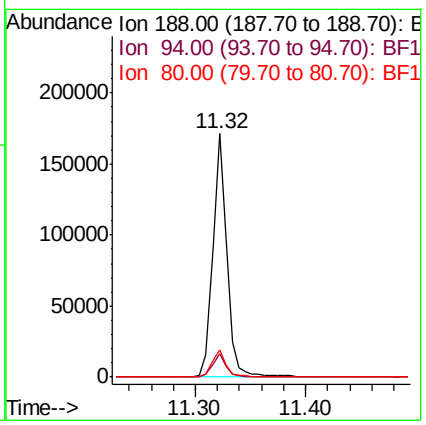


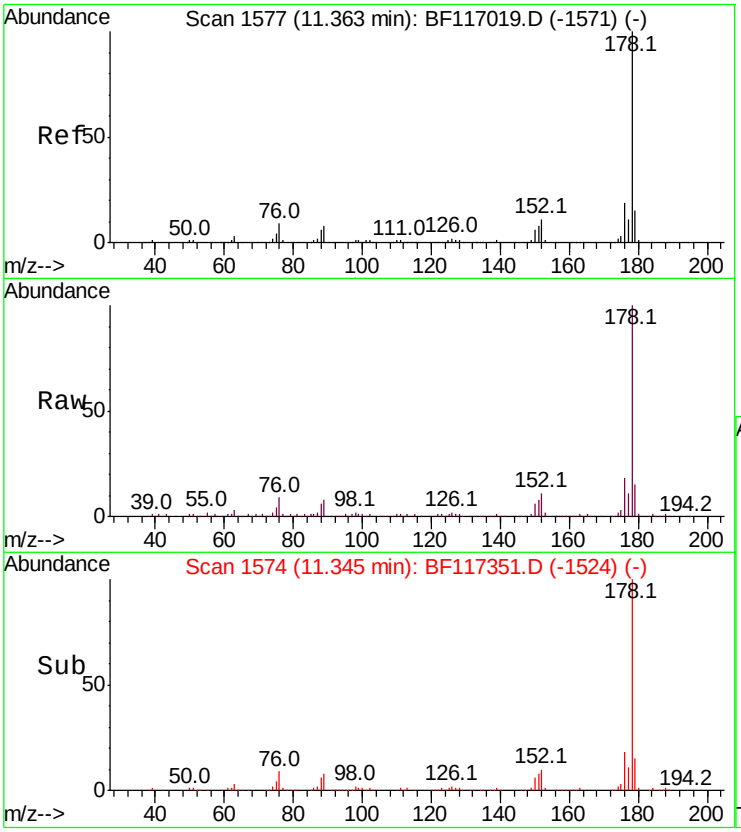


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:188 Resp: 150040

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	11.0	9.0	13.6



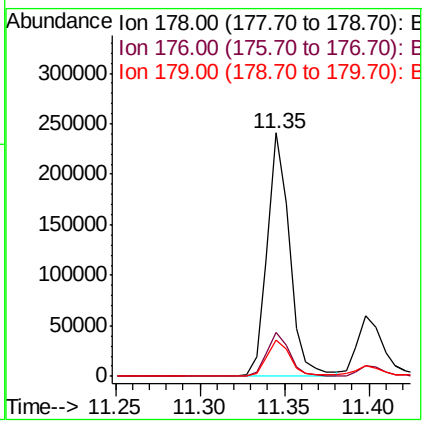


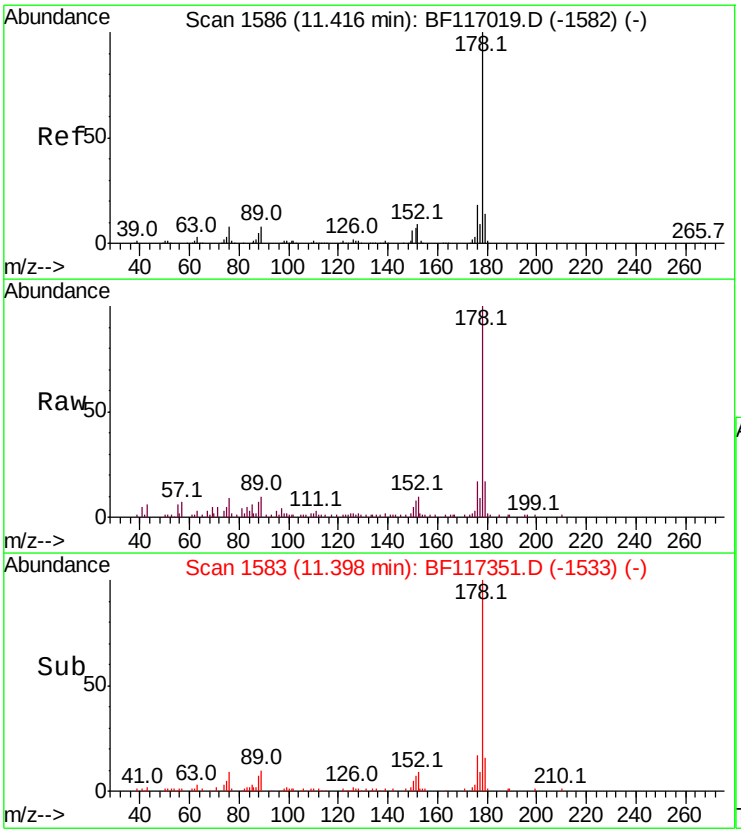
#71
Phenanthrene
Concen: 25.923 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 220925

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.9	12.4	18.6

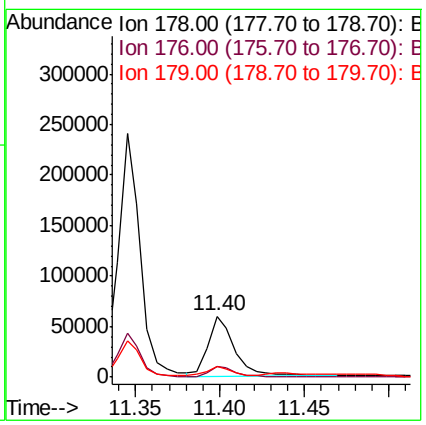


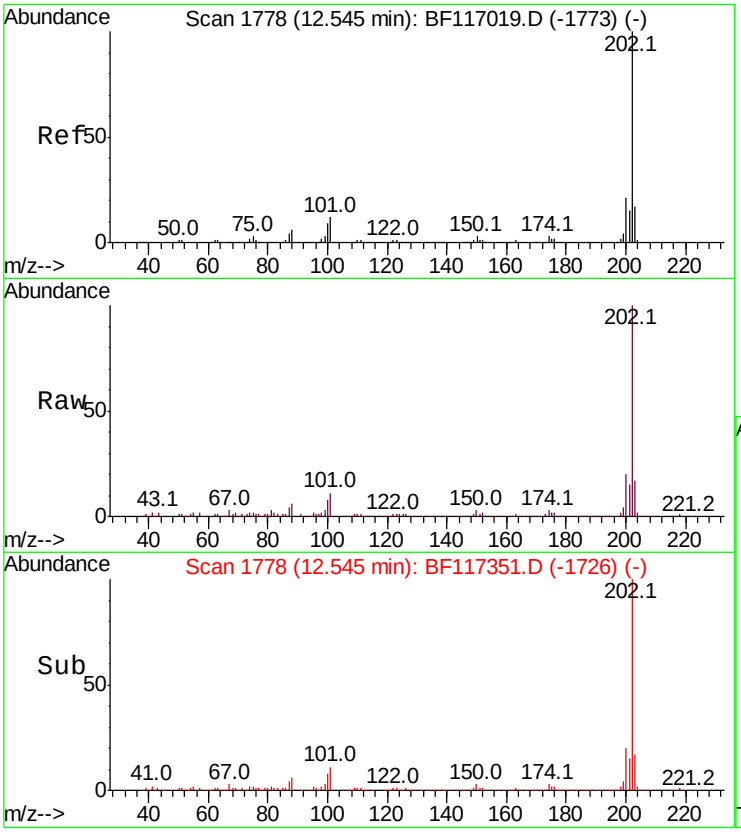


#72
Anthracene
Concen: 7.687 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:178 Resp: 66884

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	21.8
179	16.7	11.6	17.4



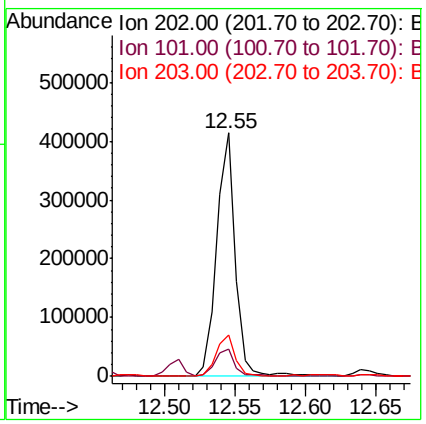


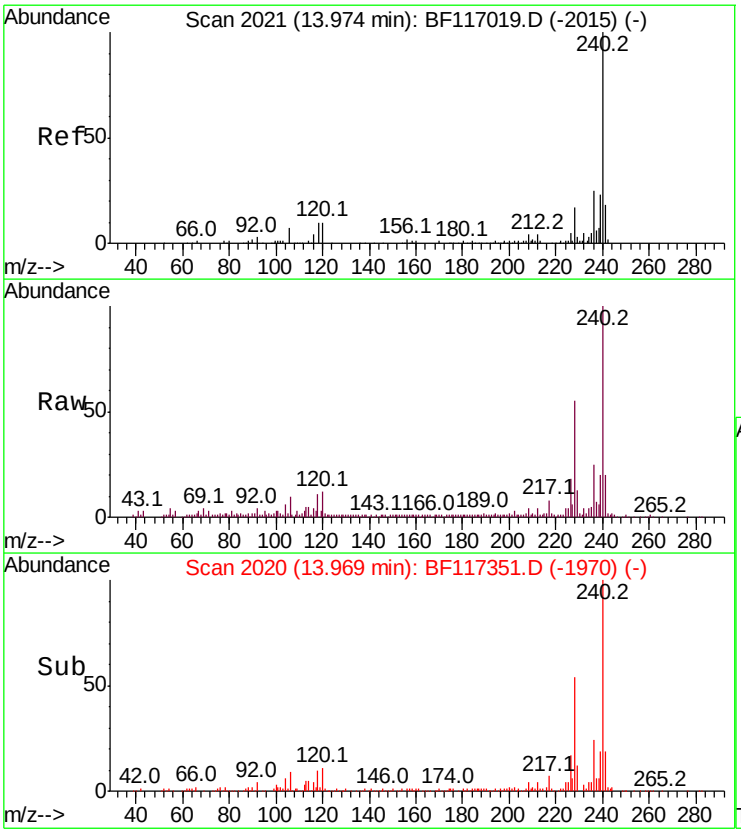
#75
Fluoranthene
Concen: 43.328 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 379407

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
203	17.2	0.0	37.1

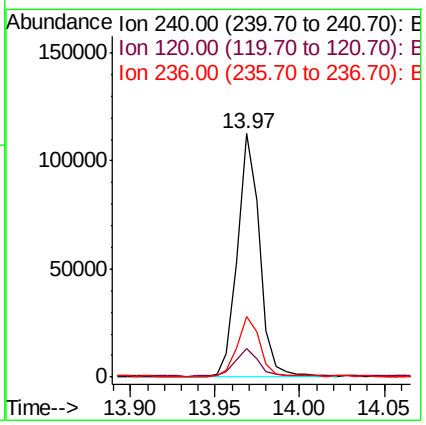


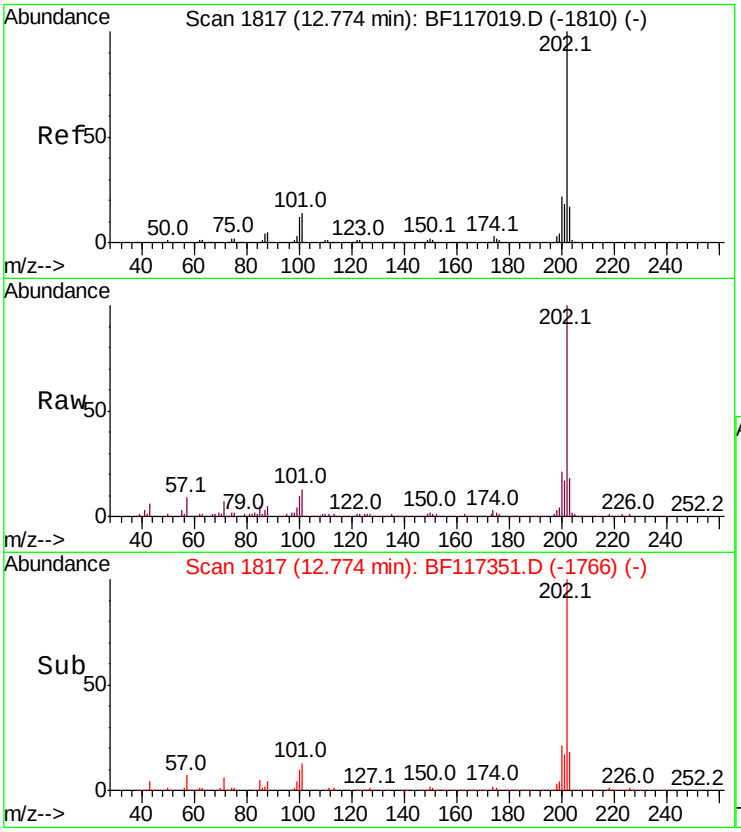


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:240 Resp: 103707

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	24.9	20.3	30.5



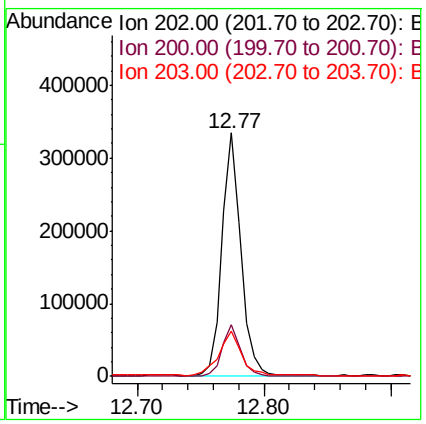


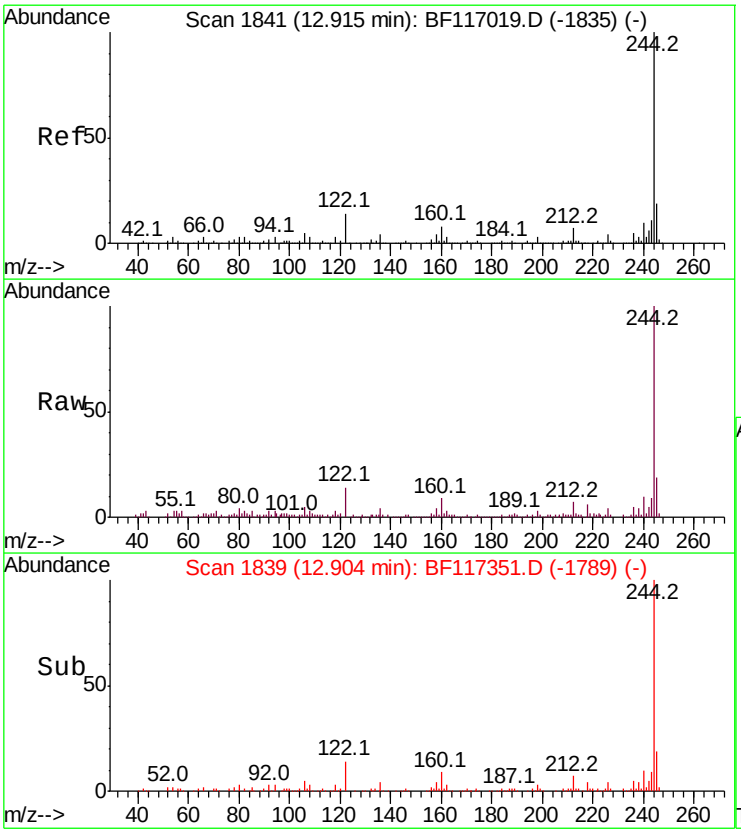
#78
Pyrene
Concen: 39.753 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 345926

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.3	14.0	21.0

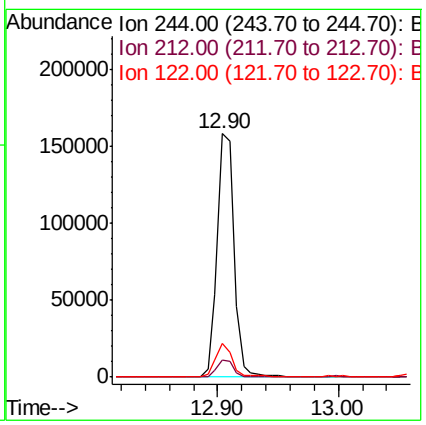


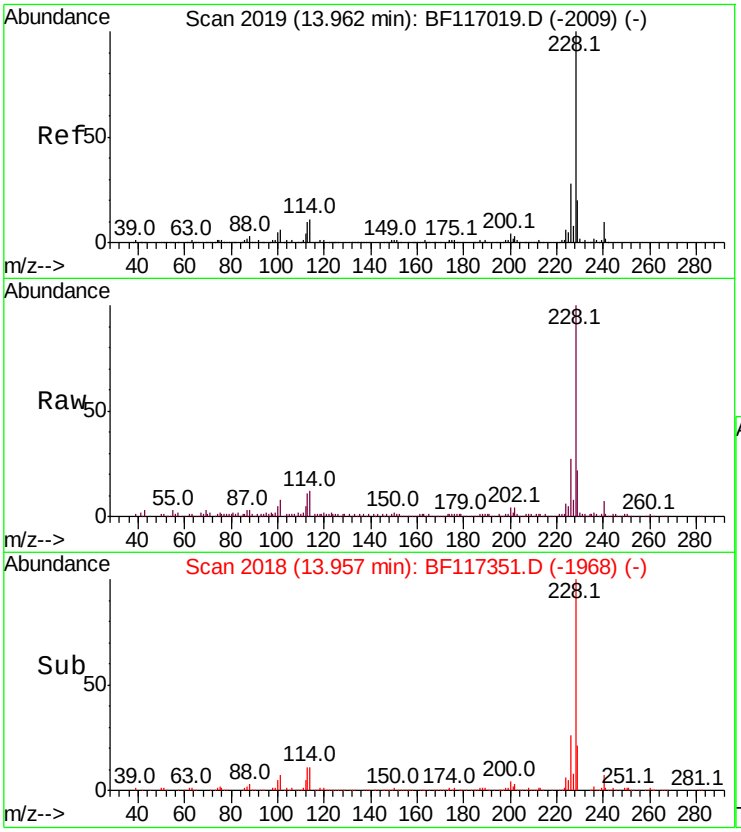


#79
Terphenyl-d14
Concen: 27.694 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:244 Resp: 153650

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.9	11.3	16.9



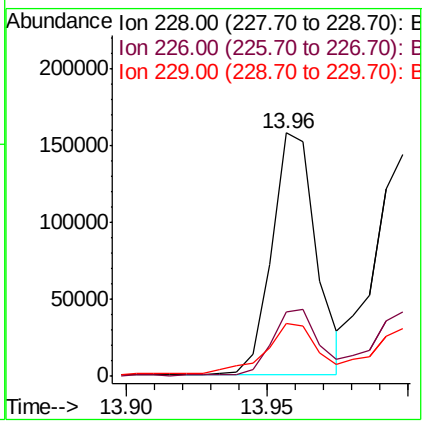


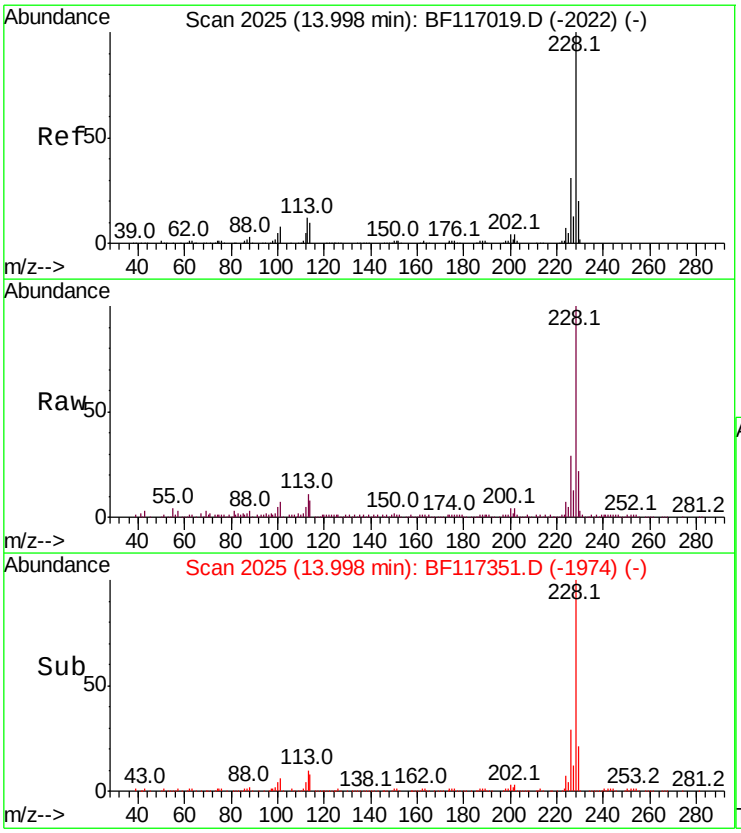
#81
Benzo(a)anthracene
Concen: 24.825 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 172008

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	21.6	15.9	23.9

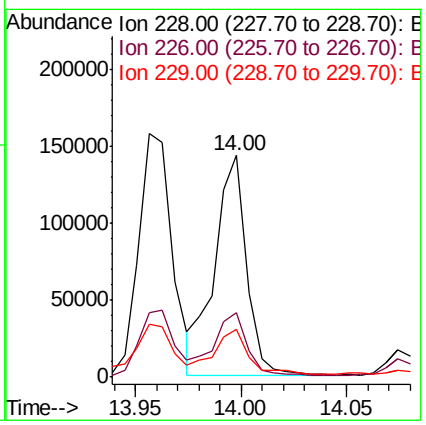


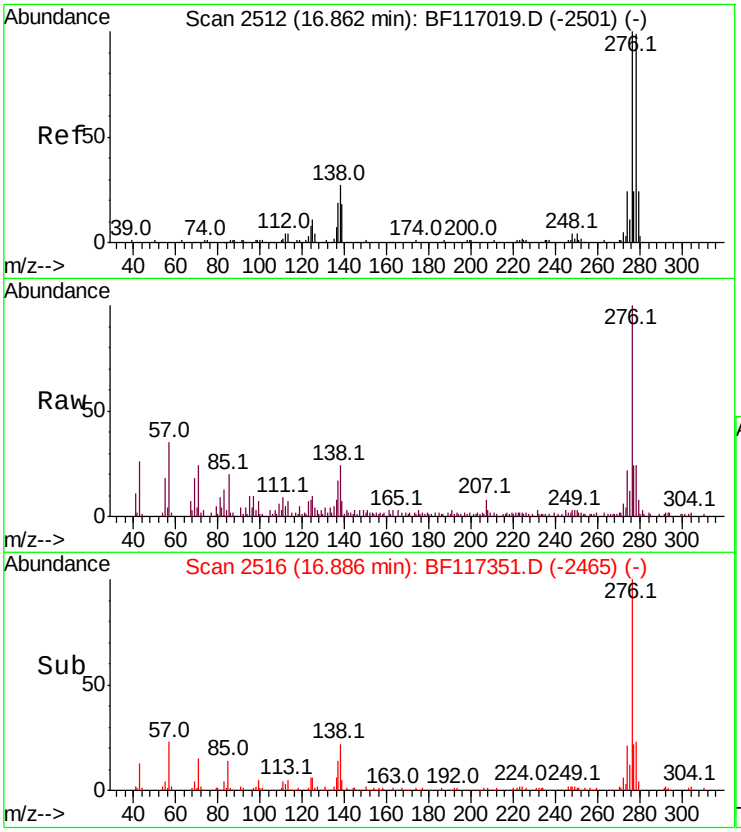


#83
Chrysene
Concen: 22.560 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:228 Resp: 152453

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	21.7	15.8	23.8



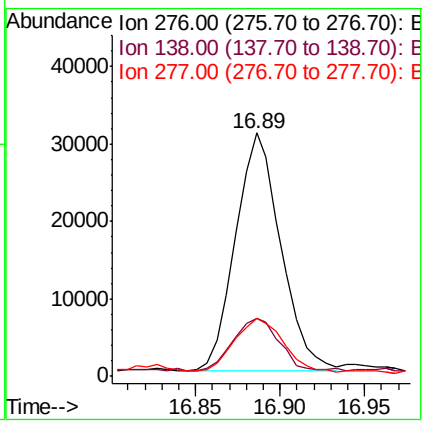


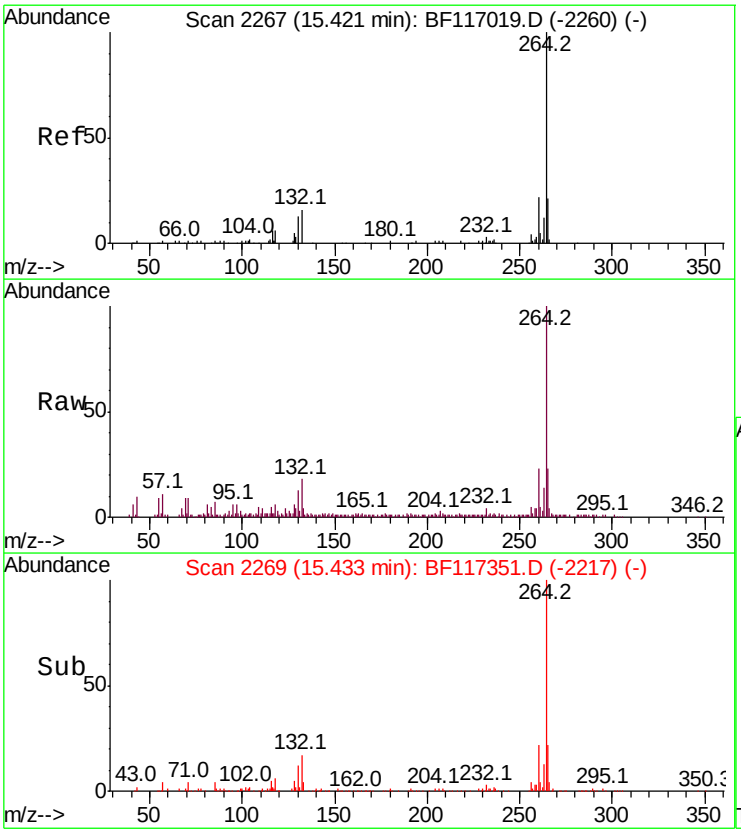
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.631 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57346

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.7	31.1
277	24.4	19.8	29.8

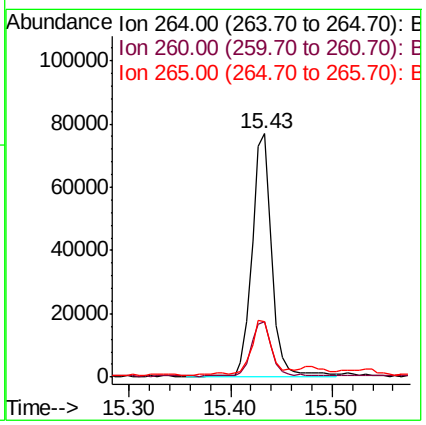


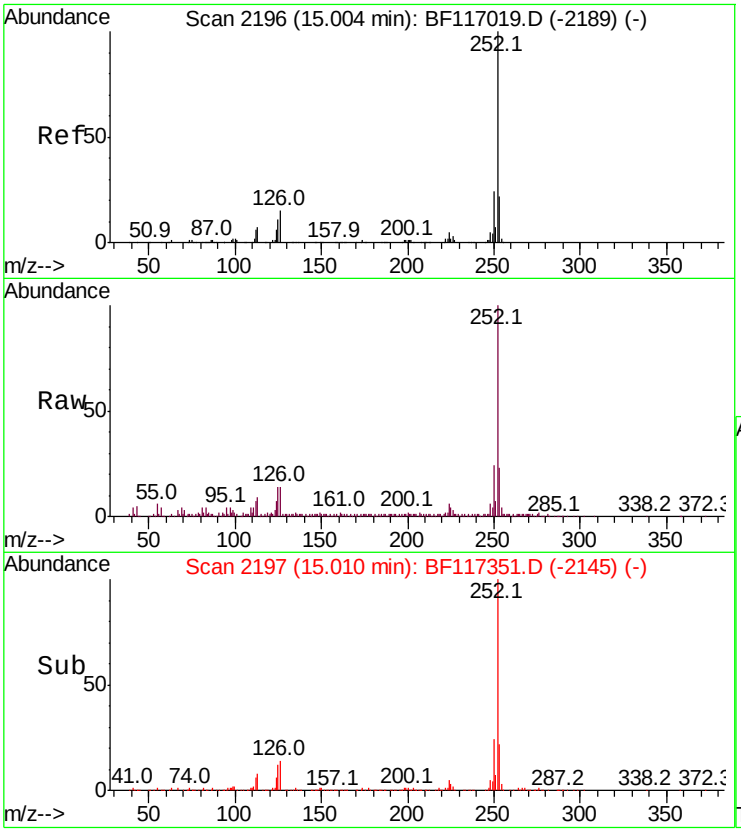


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:264 Resp: 104624

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.6	26.4
265	22.9	16.6	24.8



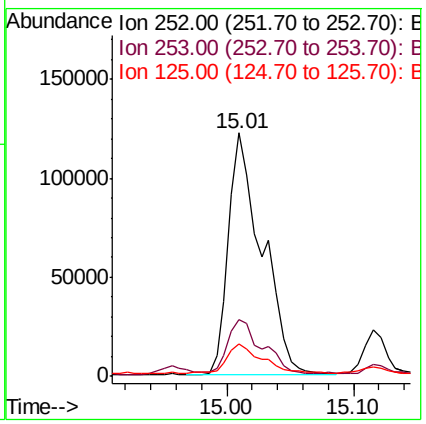


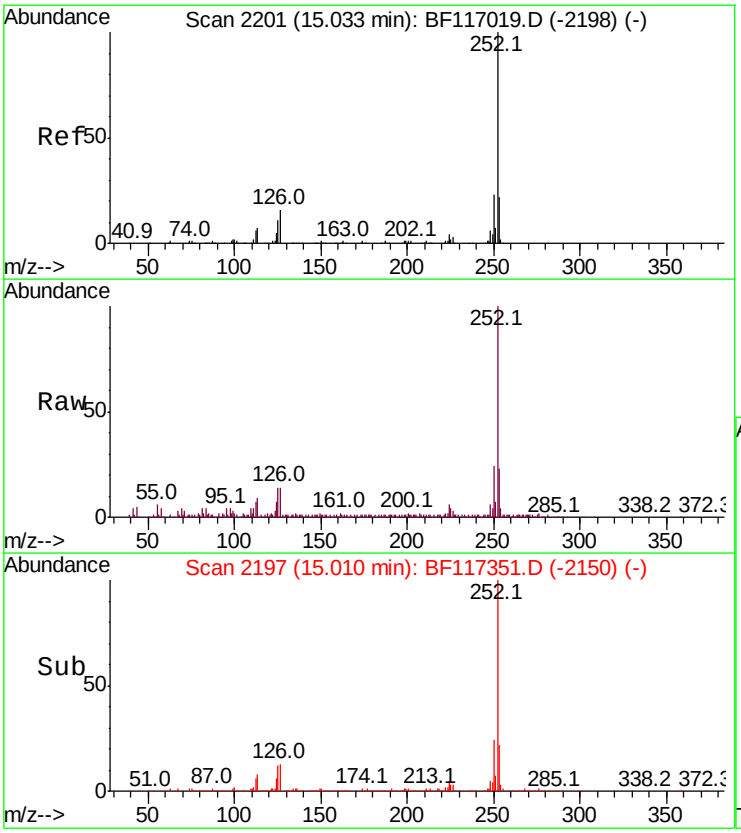
#88
Benzo(b)fluoranthene
Concen: 35.392 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 224295

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.5	8.6	12.8#

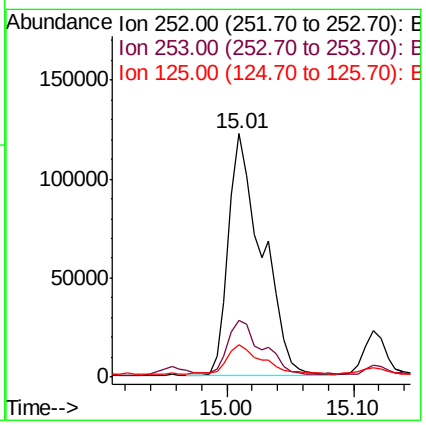


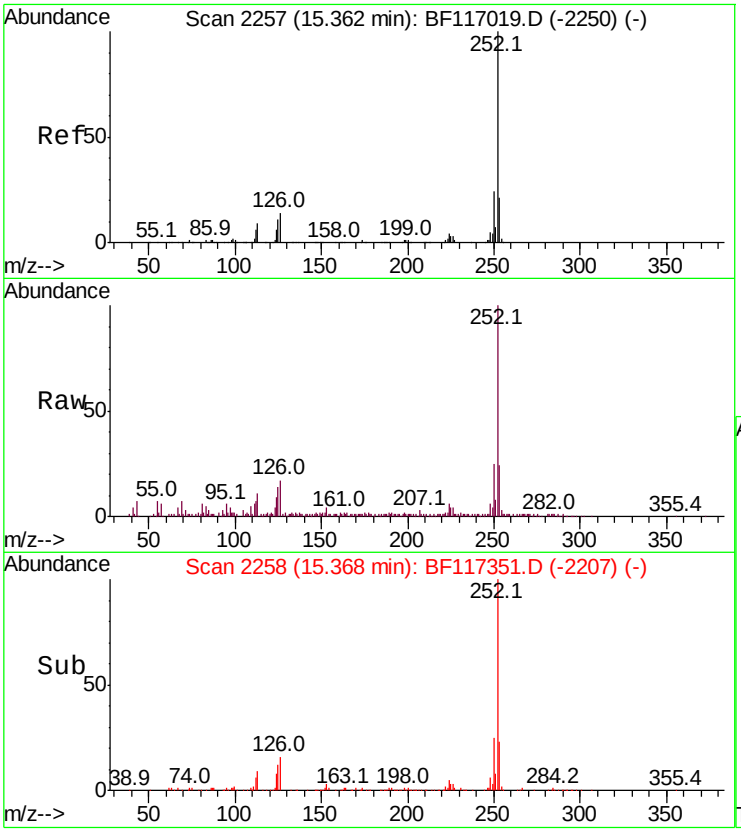


#89
Benzo(k)fluoranthene
Concen: 37.362 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:252 Resp: 224295

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.5	8.8	13.2#



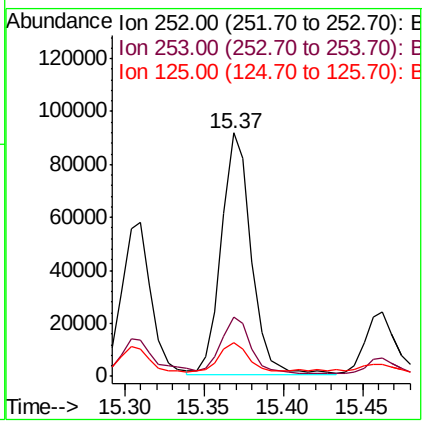


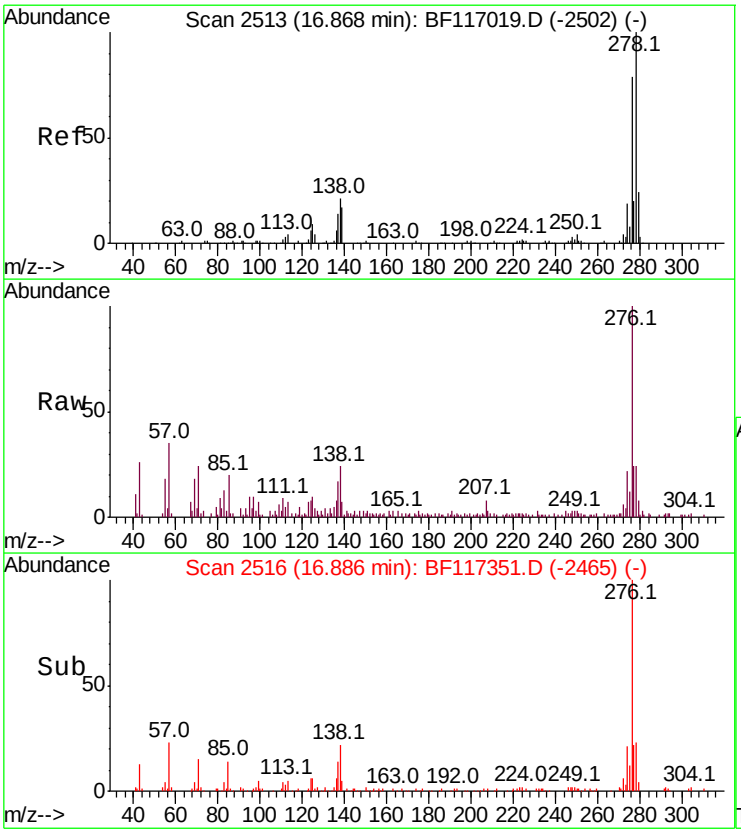
#90
Benzo(a)pyrene
Concen: 21.504 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 119588

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.6	25.0
125	13.9	8.9	13.3#

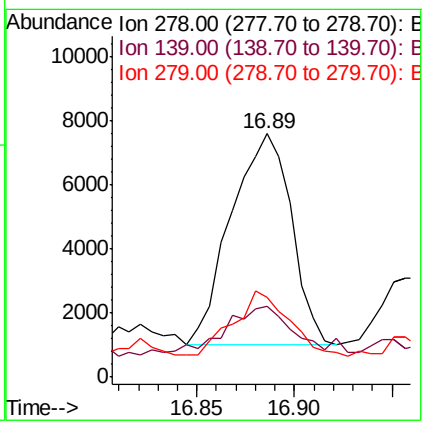


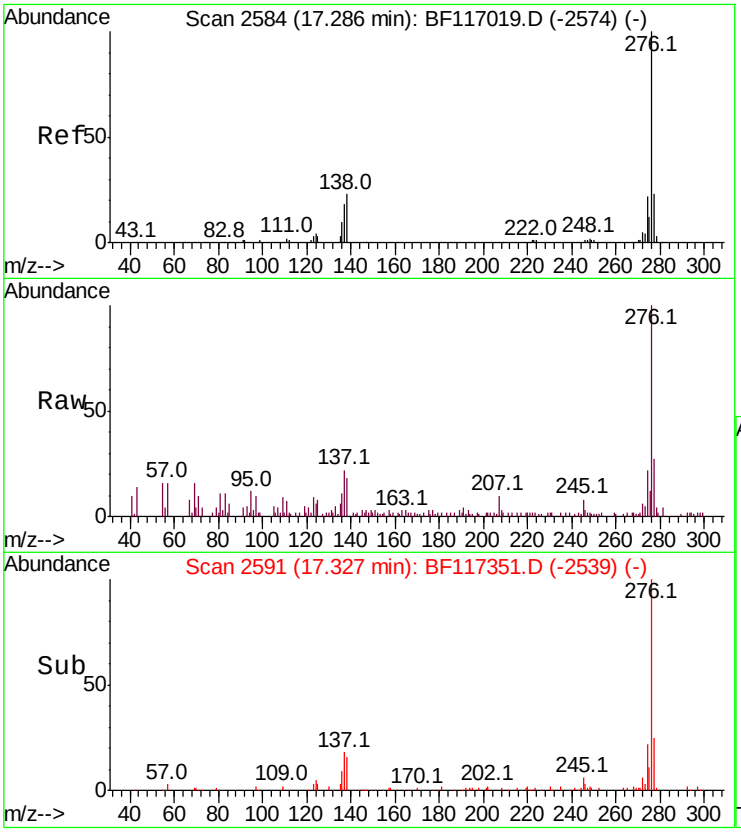


#91
Dibenzo(a,h)anthracene
Concen: 3.196 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Tgt Ion:278 Resp: 14159

Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.5	20.3#
279	32.8	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 13.018 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF117351.D
Acq: 8 Oct 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57470

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	27.8
138	18.3	18.0	27.0