Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119328.D
Acq On : 10 Mar 2020 20:51
Operator : CG/JU
Sample : L1849-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 01:41:58 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	124510	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	448312	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	210769	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	316303	20.00	ng		0.00
76) Chrysene-d12	13.89	240	251558	20.00	ng		0.00
87) Perylene-d12	15.32	264	214111	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	370732	49.76	ng		0.00
7) Phenol-d6	6.38	99	453436	50.04	ng		0.00
23) Nitrobenzene-d5	7.29	82	280829	33.07	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	99180	35.97	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	504861	35.29	ng		0.00
79) Terphenyl-d14	12.82	244	431383	29.52	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	38131	7.222	ng	#	74
25) Isophorone	7.29	82	280829	19.045	ng	#	63
31) Naphthalene	8.03	128	57896	2.490	ng		98
32) Benzoic acid	7.85	122	1496	6.972	ng	#	24
49) Acenaphthylene	9.62	152	54812	2.765	ng		98
50) Dimethylphthalate	9.48	163	86799	5.386	ng		100
71) Phenanthrene	11.27	178	213982	12.405	ng		97
72) Anthracene	11.32	178	71837	4.168	ng		98
75) Fluoranthene	12.46	202	332343	18.151	ng		99
78) Pyrene	12.69	202	365199	18.079	ng		98
81) Benzo(a)anthracene	13.88	228	218788	12.765	ng		99
83) Chrysene	13.92	228	202642	11.865	ng		97
86) Indeno(1,2,3-cd)pyrene	16.74	276	104140	6.297	ng	#	93
88) Benzo(b)fluoranthene	14.92	252	325546	23.067	ng		98
89) Benzo(k)fluoranthene	14.92	252	325546	24.891	ng		98
90) Benzo(a)pyrene	15.26	252	176352	13.845	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	24449	2.182	ng	#	77
92) Benzo(g,h,i)perylene	17.17	276	96018	8.671	ng		96

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

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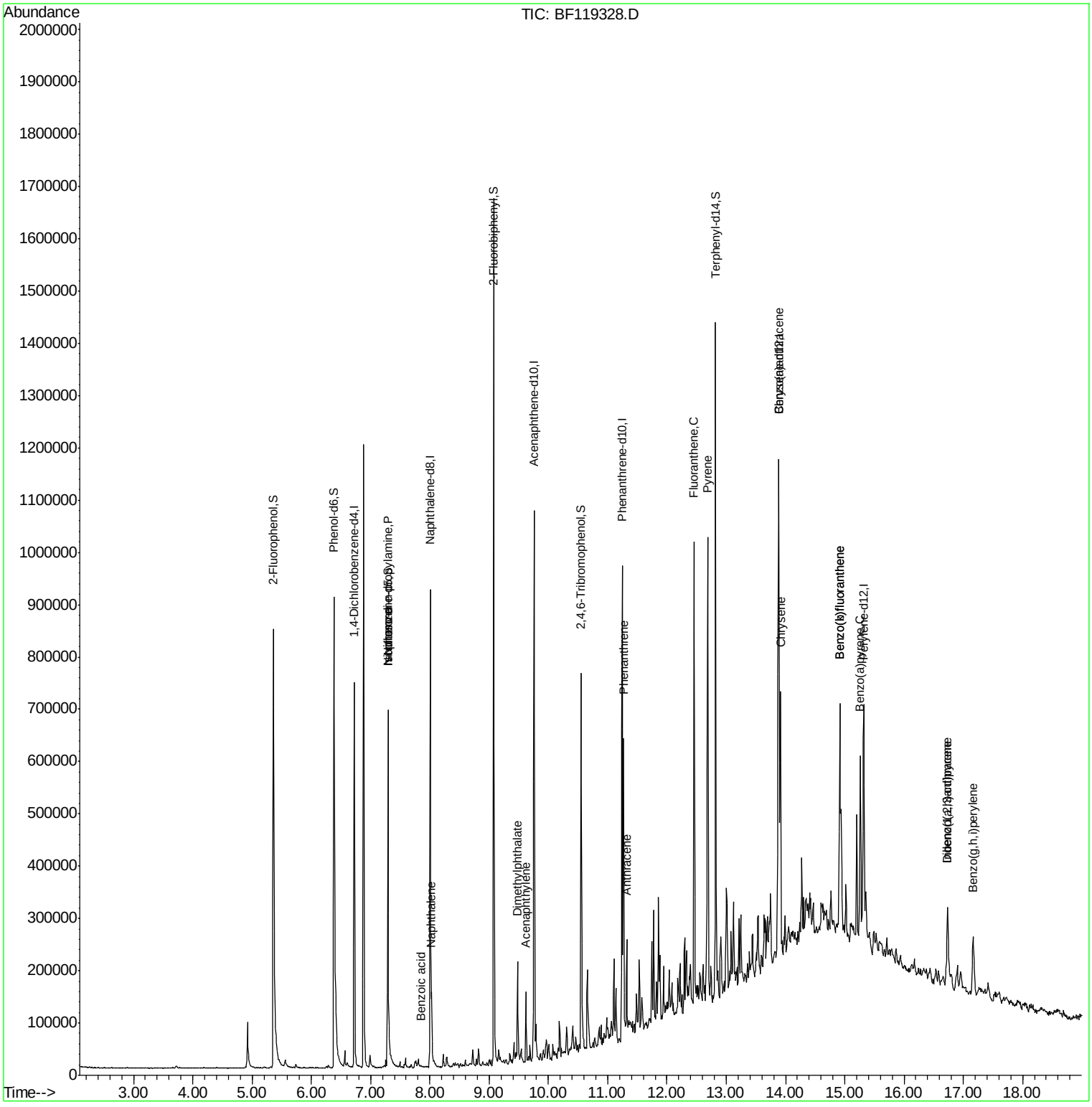
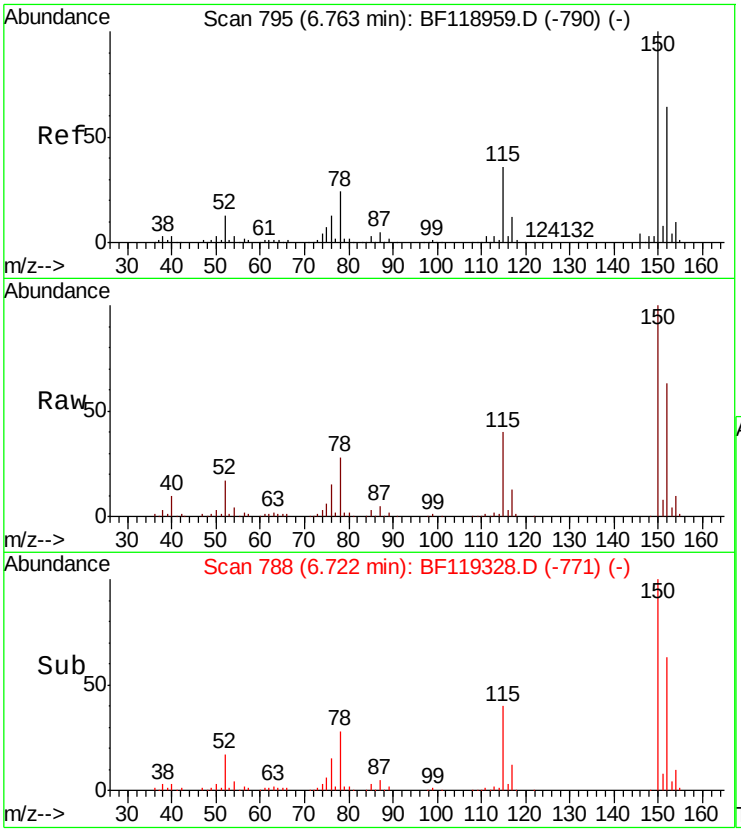


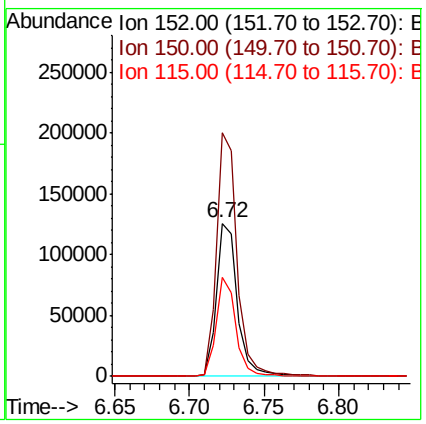


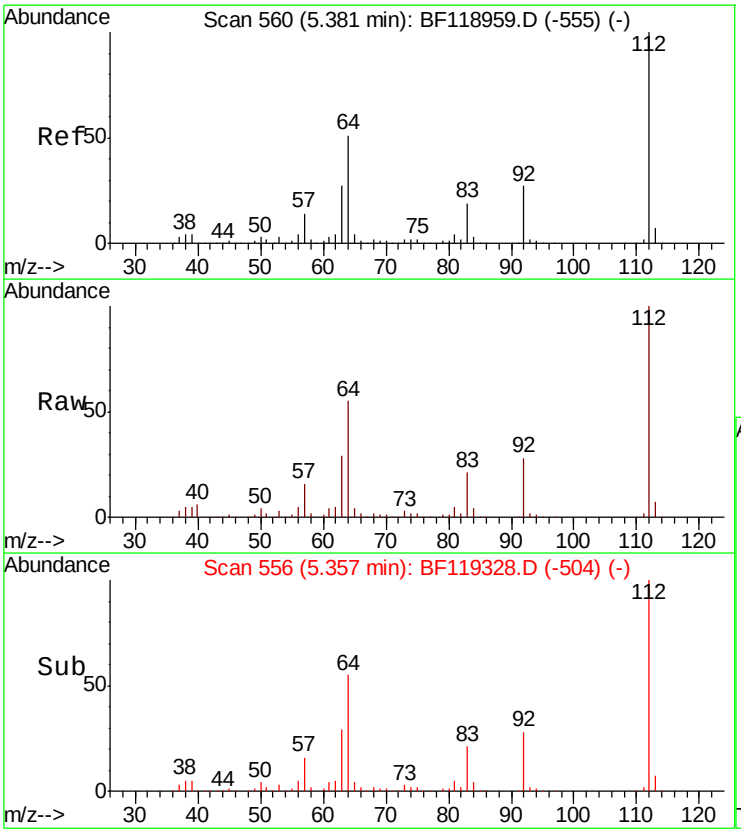
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124510

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.0	184.6
115	64.3	49.5	74.3

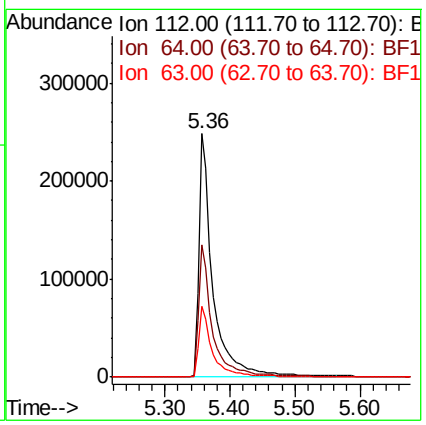


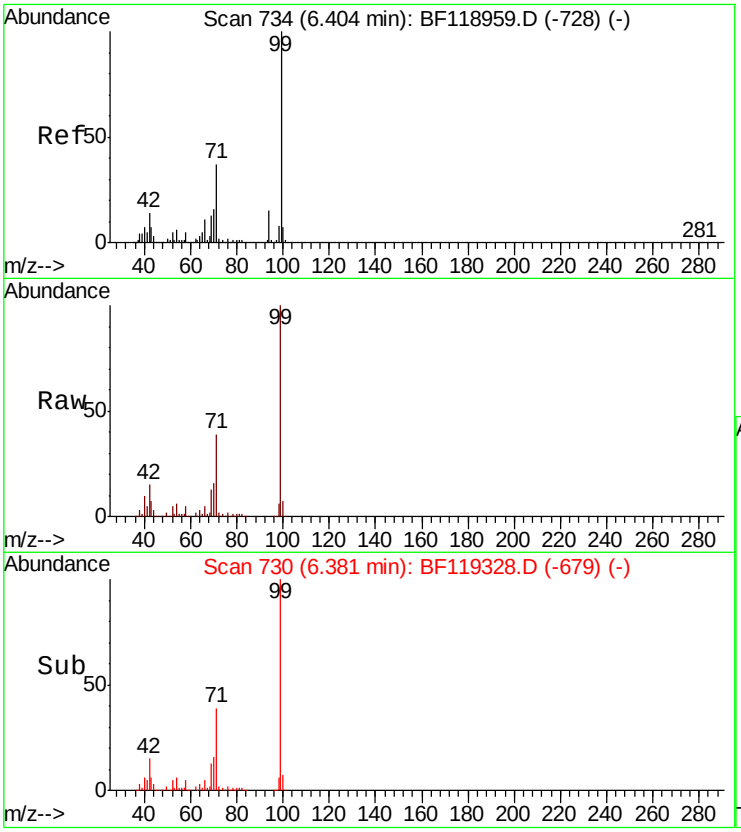


#5
2-Fluorophenol
Concen: 49.760 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:112 Resp: 370732

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	29.1	24.2	36.4



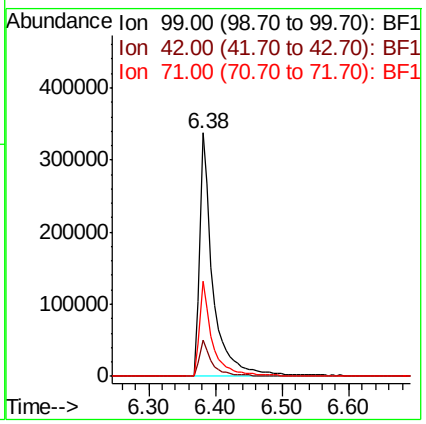


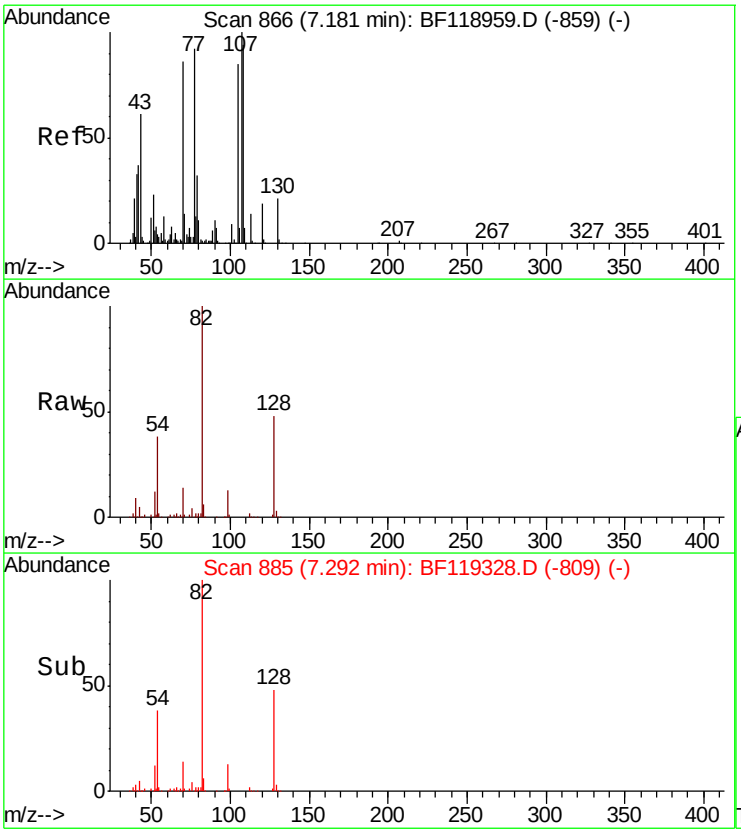
#7
Phenol-d6
Concen: 50.042 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 453436

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.6	18.8
71	39.0	31.0	46.4

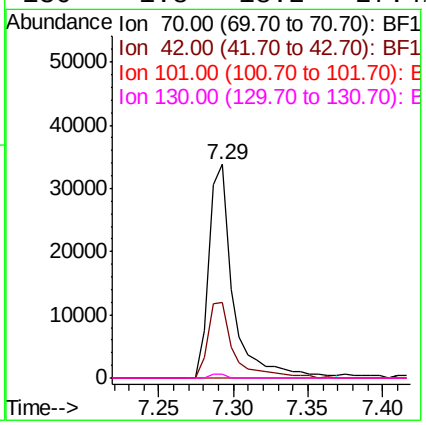


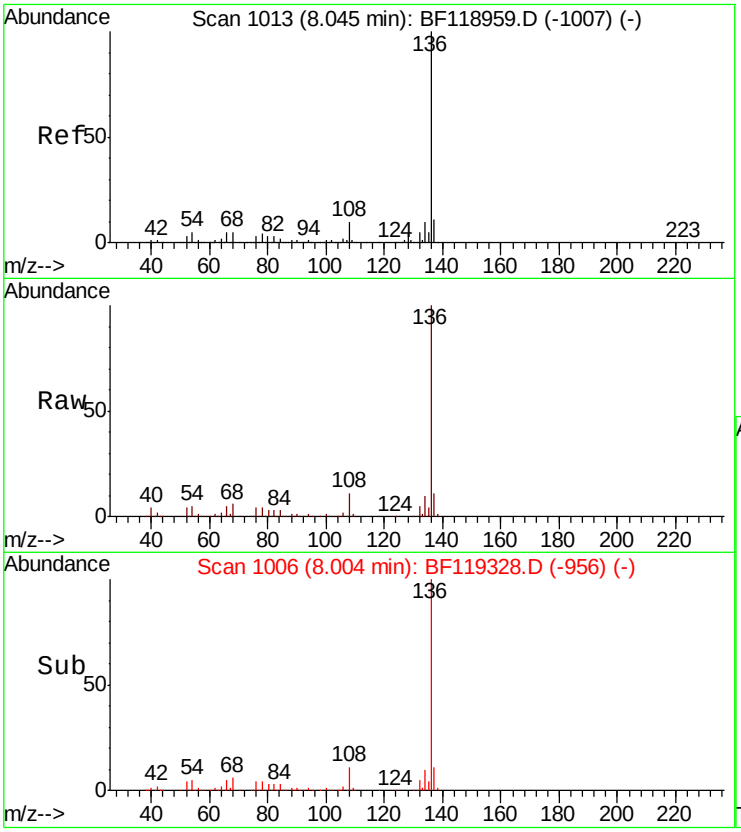


#19
n-Nitroso-di-n-propylamine
Concen: 7.222 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion: 70 Resp: 38131

Ion	Ratio	Lower	Upper
70	100		
42	35.4	38.0	57.0#
101	0.0	8.2	12.4#
130	1.8	18.2	27.4#



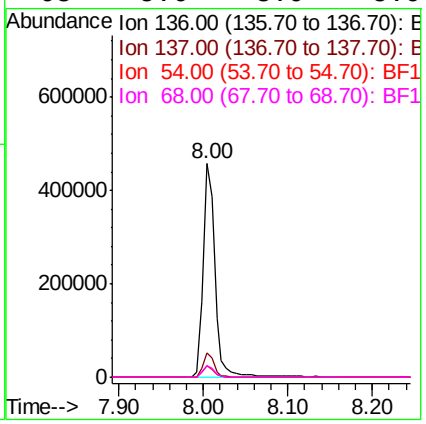


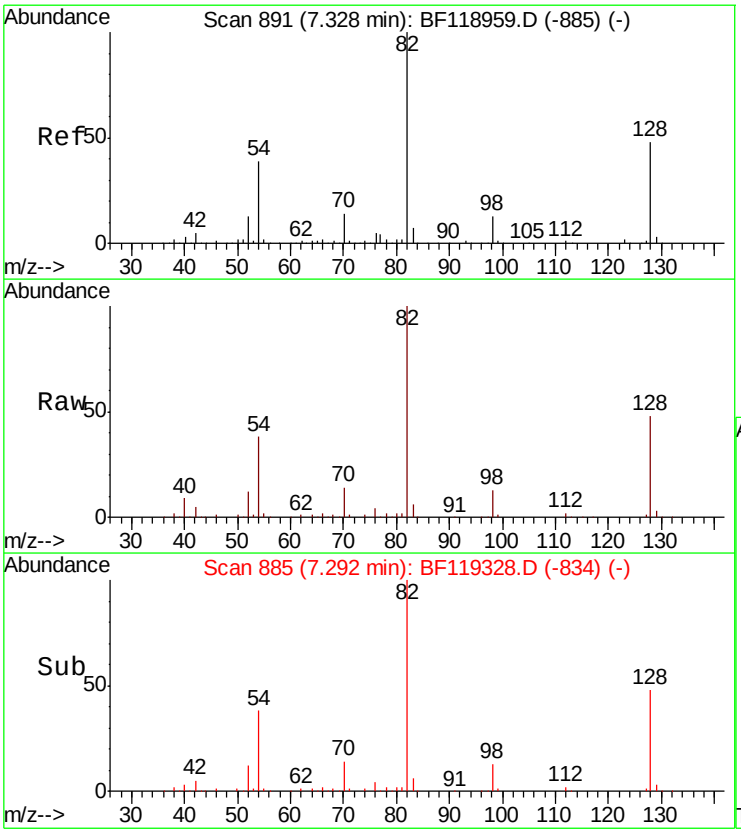
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 448312

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.3	3.8	5.6
68	5.6	3.9	5.9

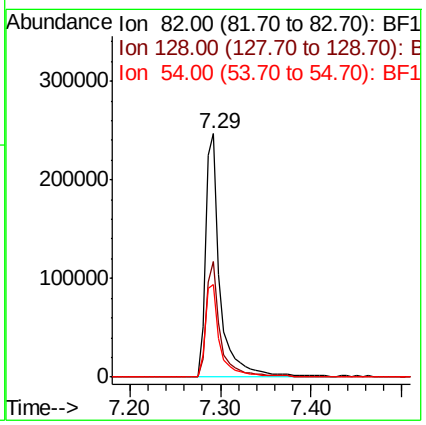


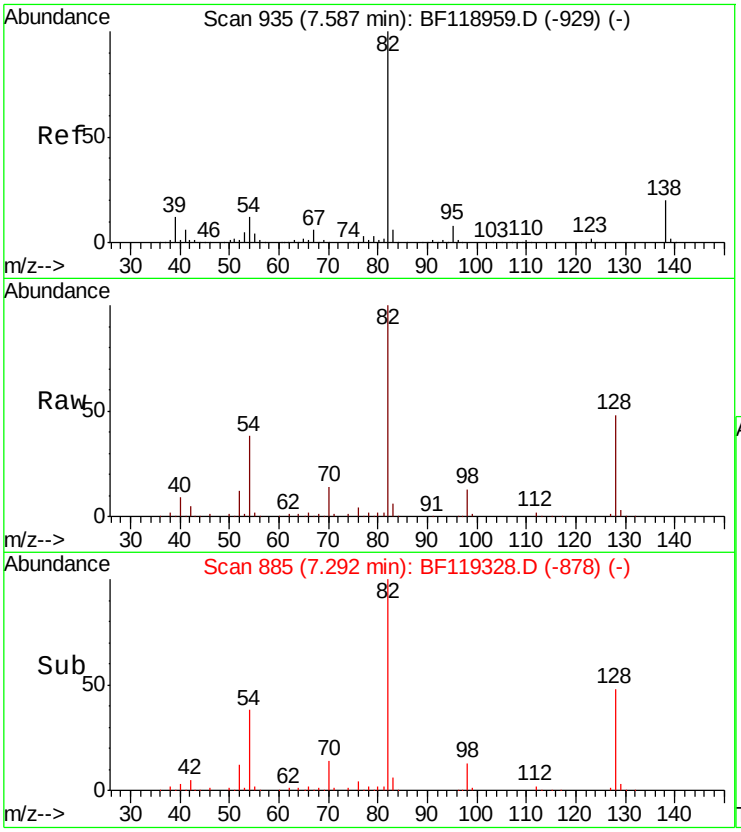


#23
Nitrobenzene-d5
Concen: 33.075 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion: 82 Resp: 280829

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.9	56.9
54	38.2	33.4	50.2



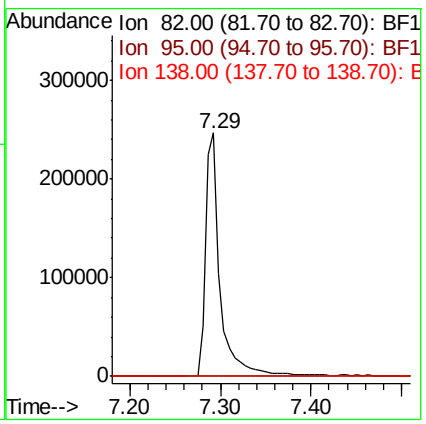


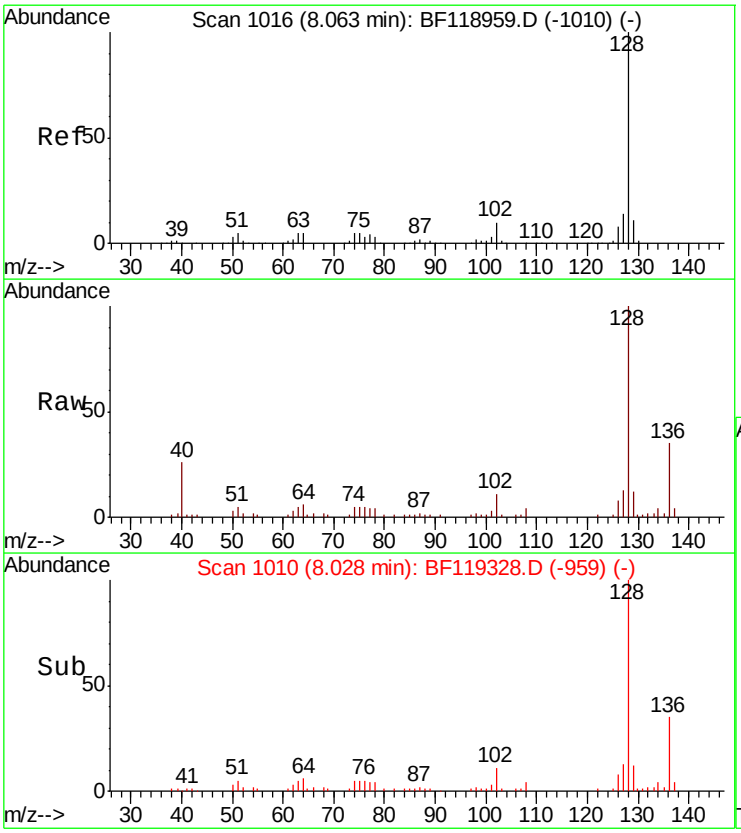
#25
Isophorone
Concen: 19.045 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 280829

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

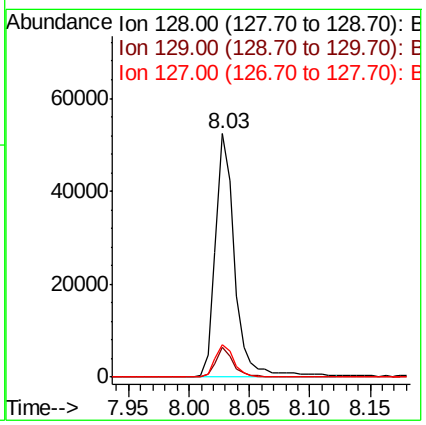


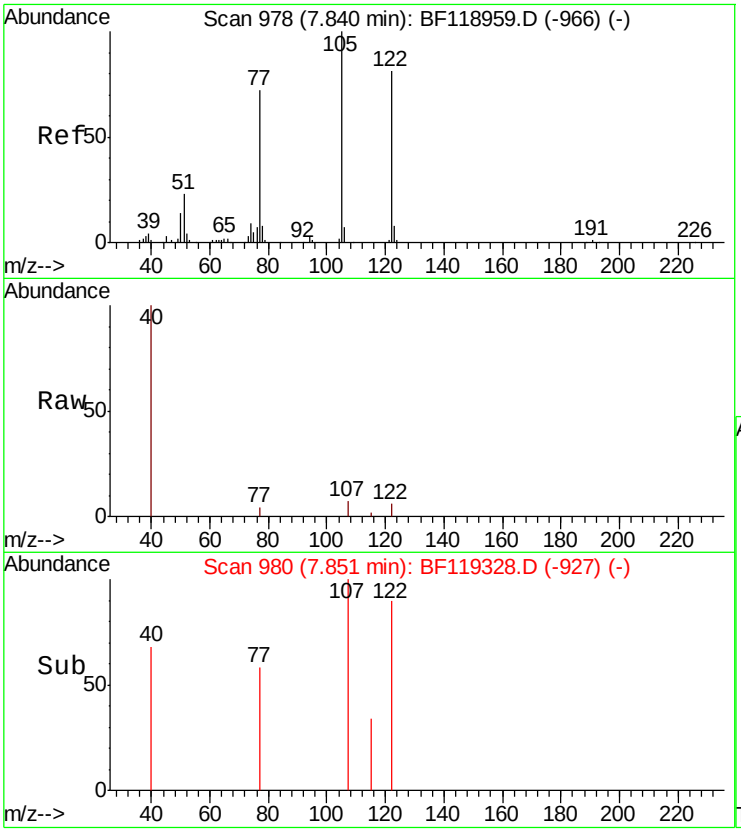


#31
Naphthalene
Concen: 2.490 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:128 Resp: 57896

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.2
127	13.3	11.4	17.2



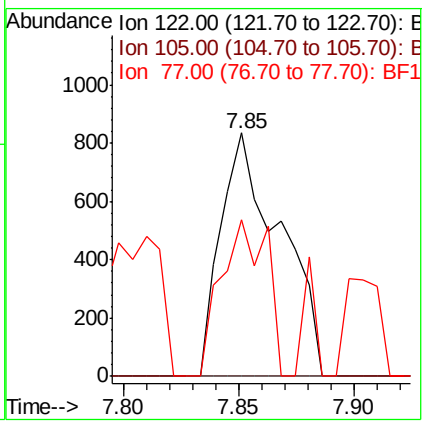


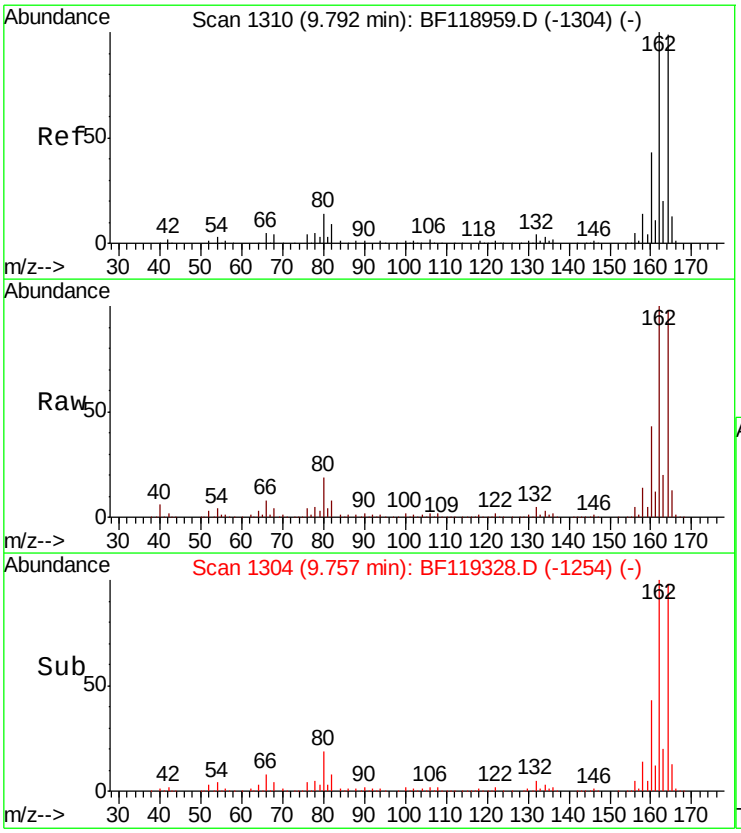
#32
Benzoic acid
Concen: 6.972 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1496

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.3	146.3#
77	64.2	73.1	113.1#

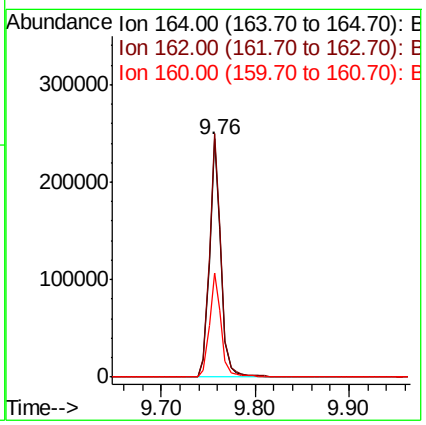


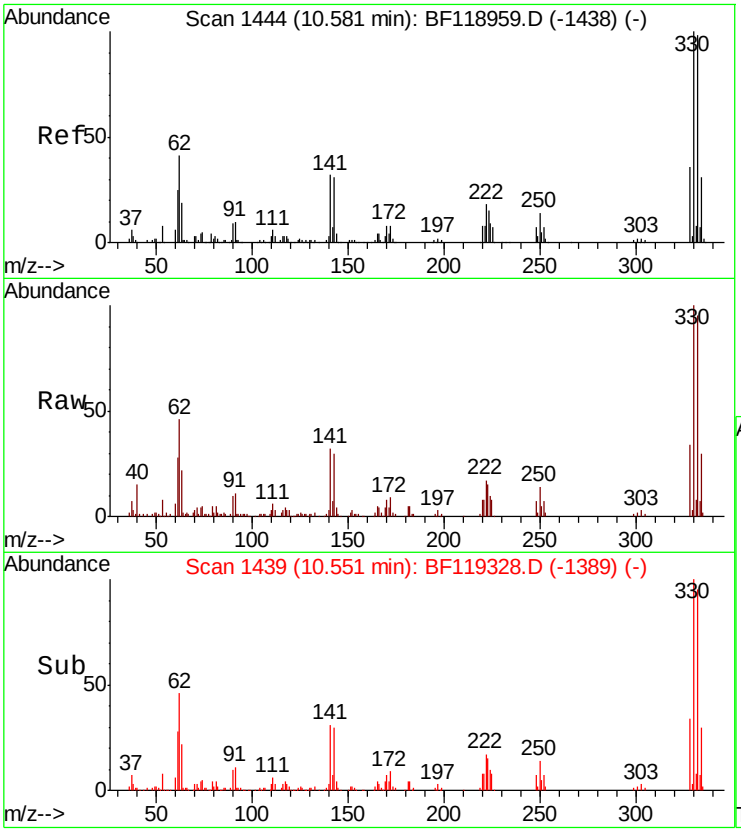


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:164 Resp: 210769

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	43.9	36.0	54.0



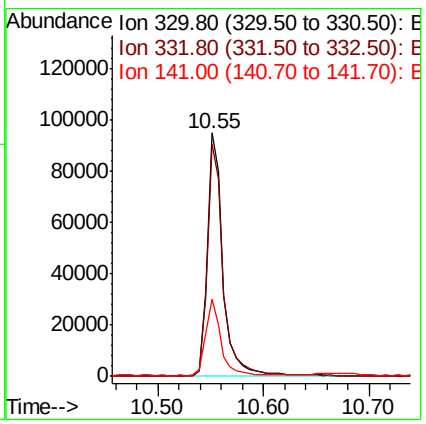


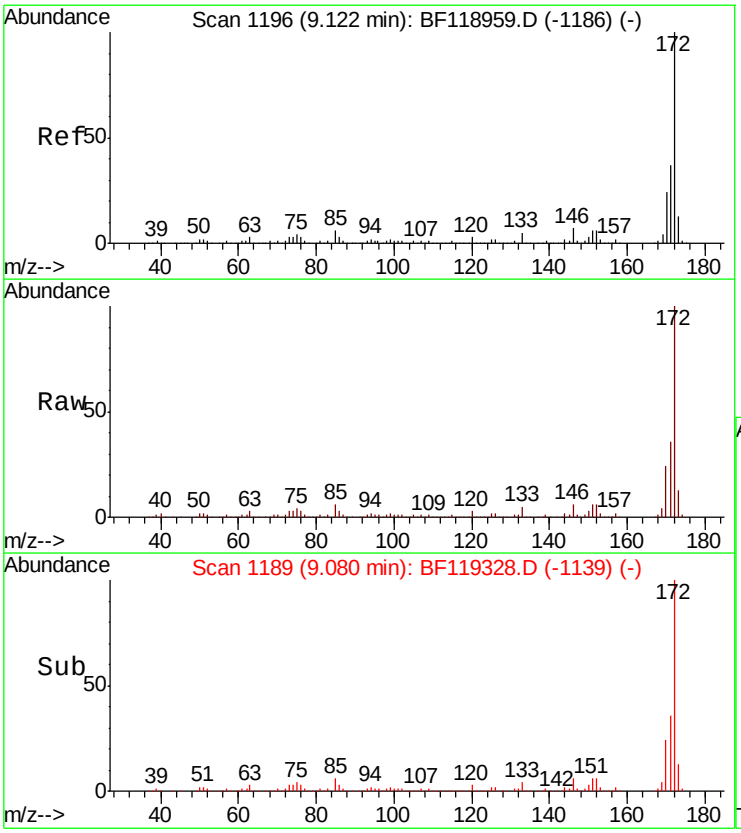
#42
2,4,6-Tribromophenol
Concen: 35.971 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 99180

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	32.7	22.9	34.3

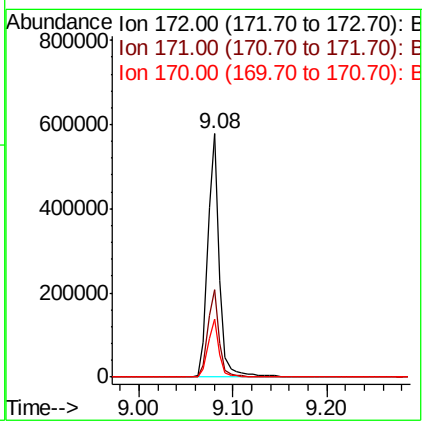


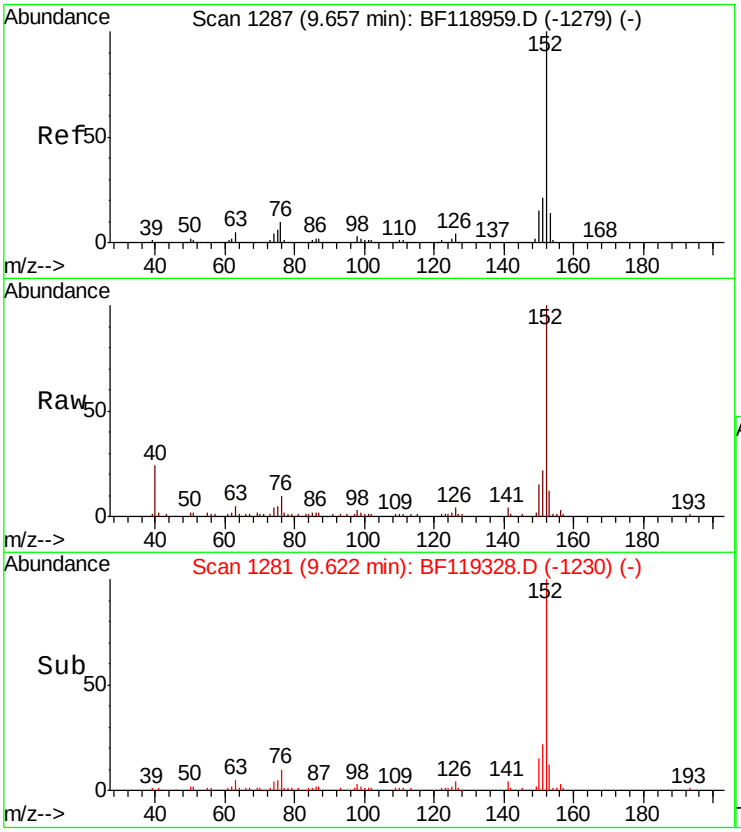


#45
2-Fluorobiphenyl
Concen: 35.287 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:172 Resp: 504861

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	45.8
170	23.7	20.2	30.2



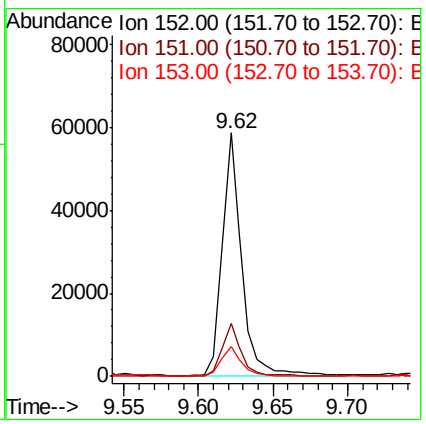


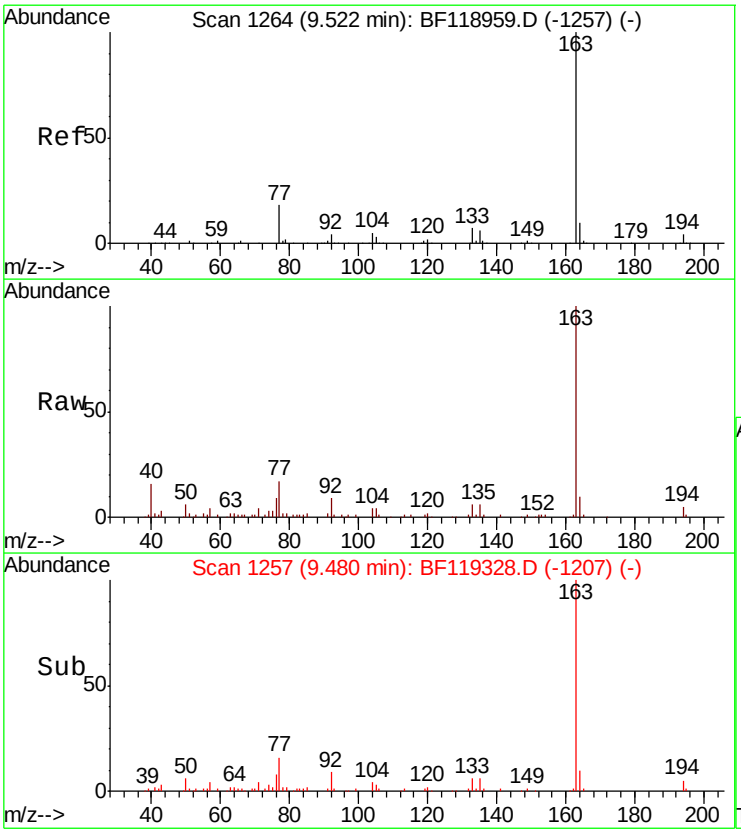
#49
Acenaphthylene
Concen: 2.765 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54812

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.9	25.3
153	12.2	11.0	16.6

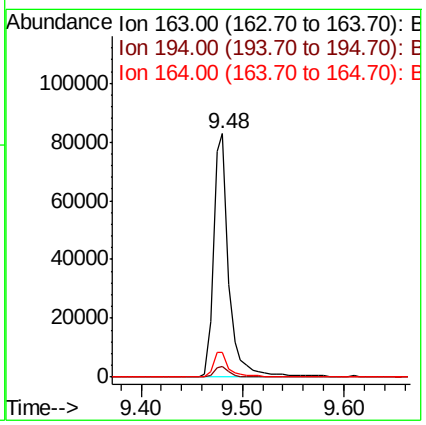


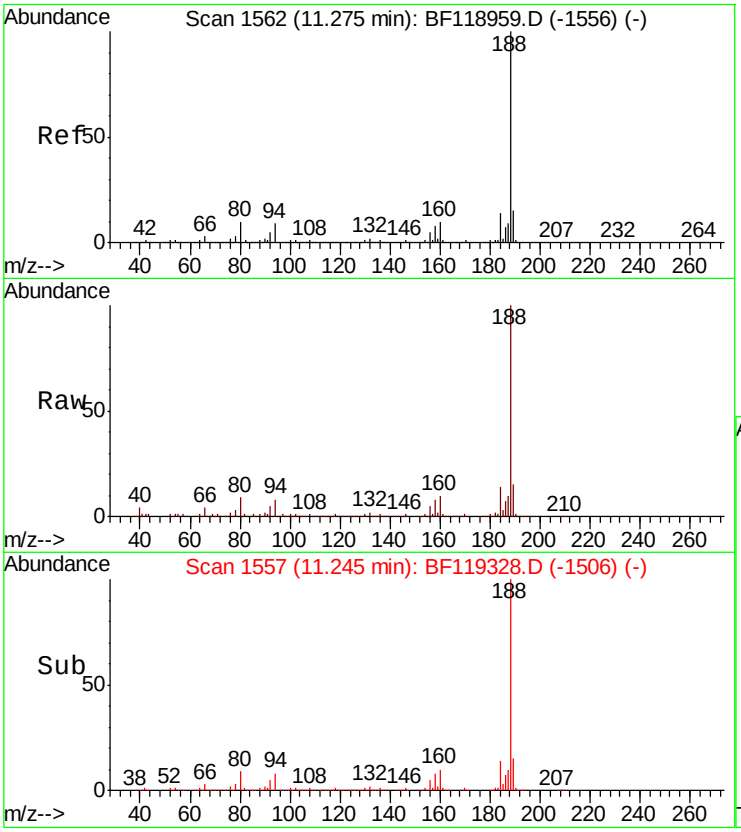


#50
Dimethylphthalate
Concen: 5.386 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:163 Resp: 86799

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.3	8.4	12.6



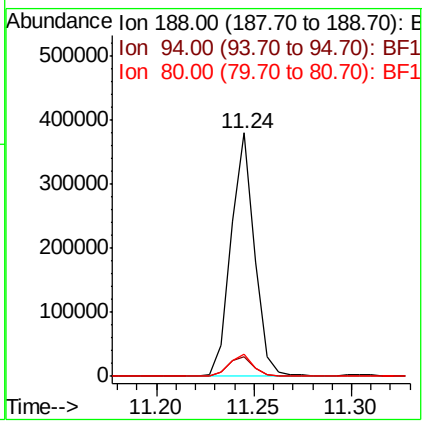


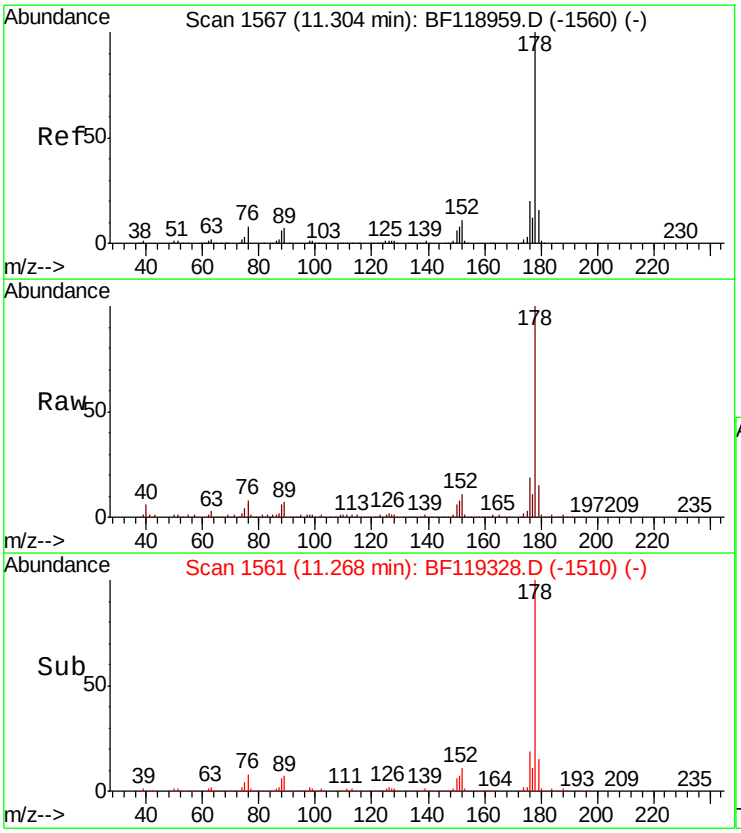
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 316303

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	9.1	7.8	11.8

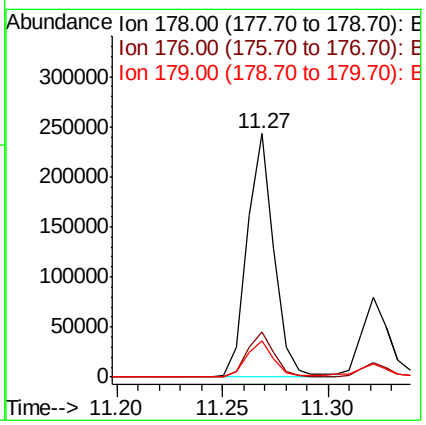


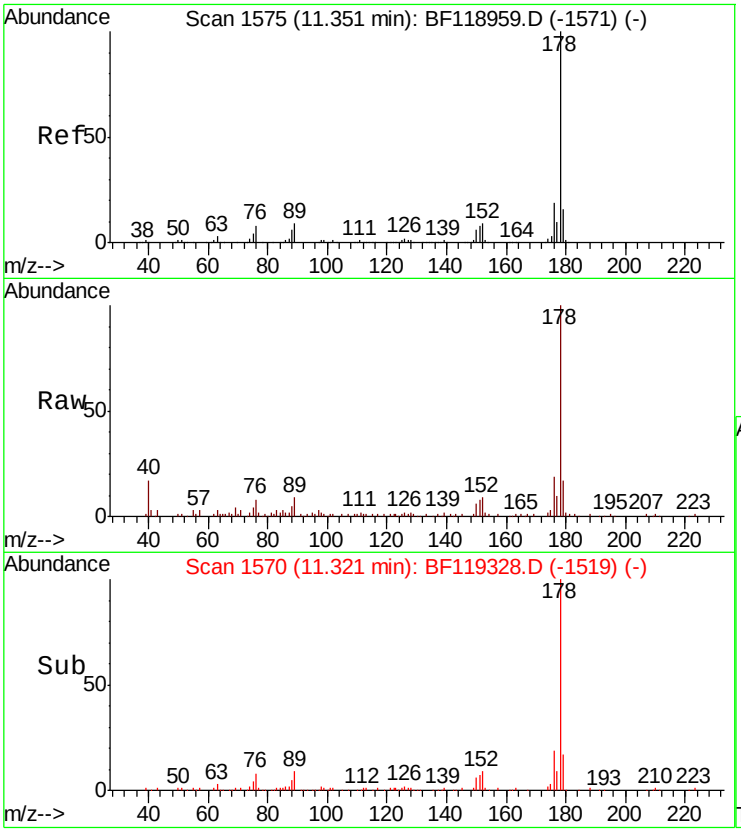


#71
Phenanthrene
Concen: 12.405 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:178 Resp: 213982

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.5	24.7
179	15.1	13.0	19.6



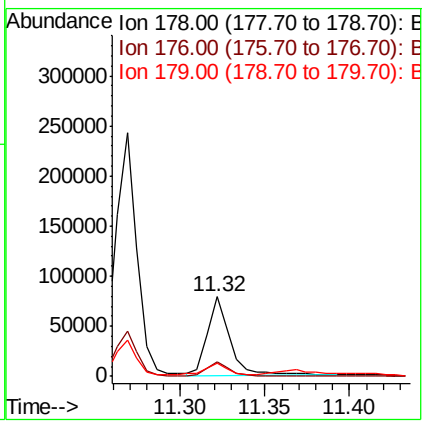


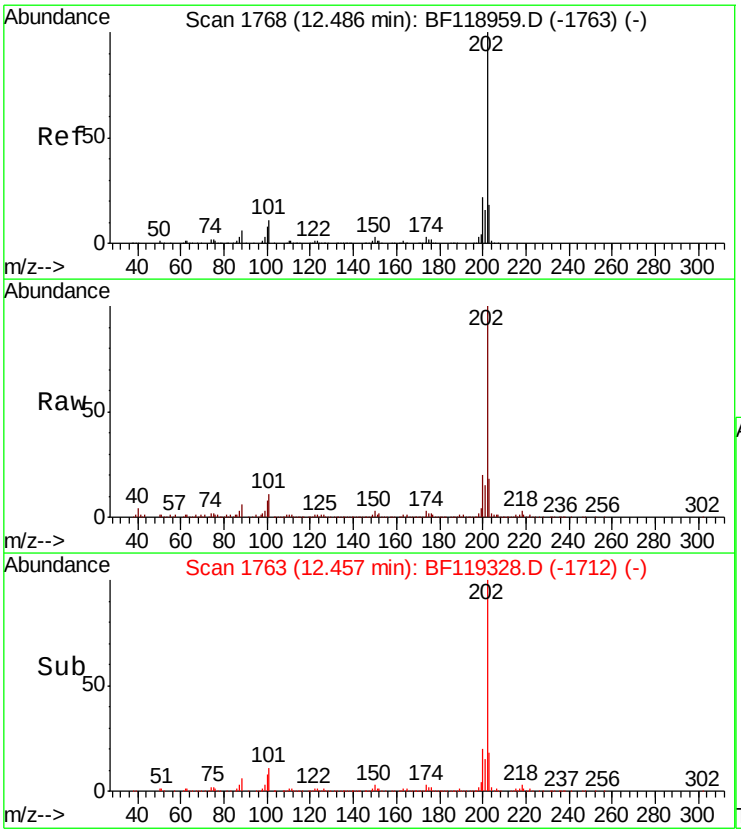
#72
Anthracene
Concen: 4.168 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 71837

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	17.3	13.1	19.7

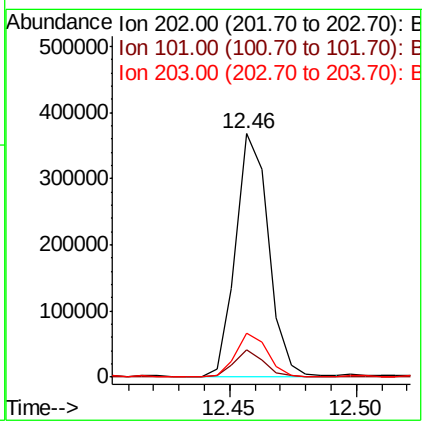


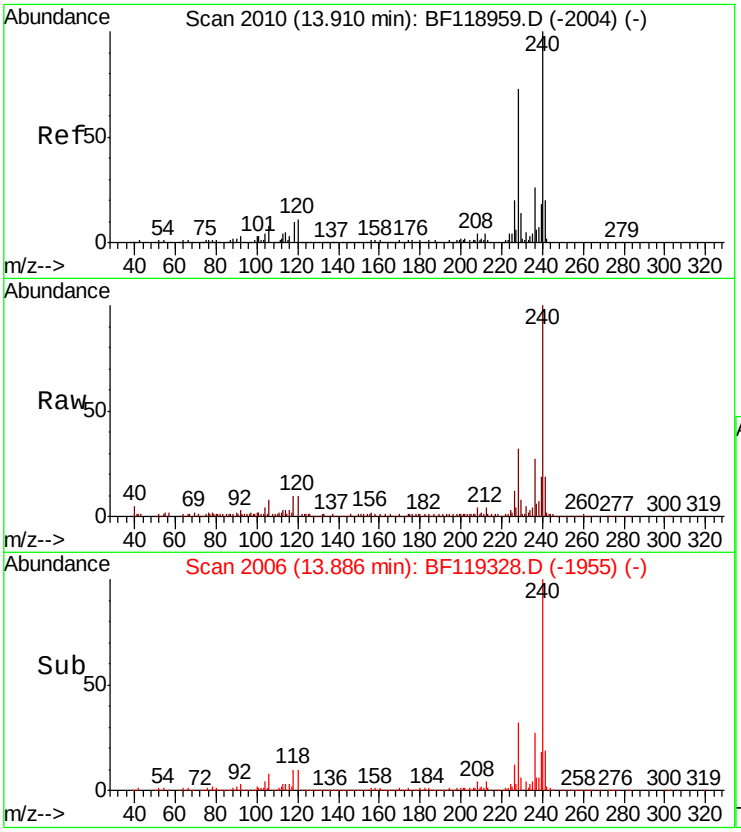


#75
Fluoranthene
Concen: 18.151 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:202 Resp: 332343

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.3	0.0	38.4



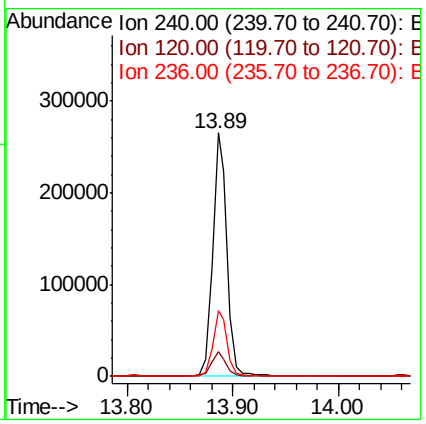


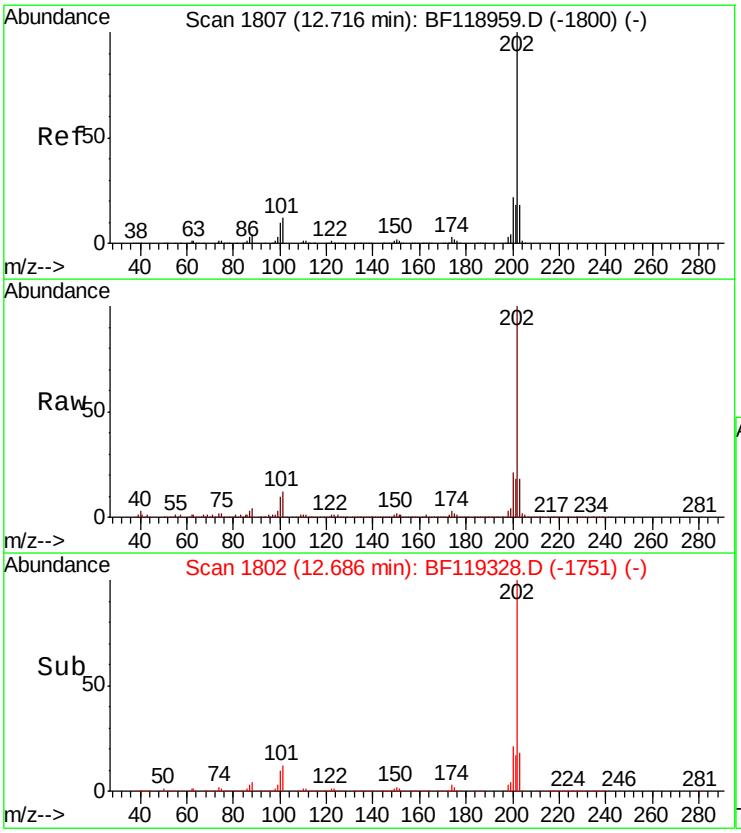
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 251558

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.9	21.0	31.4

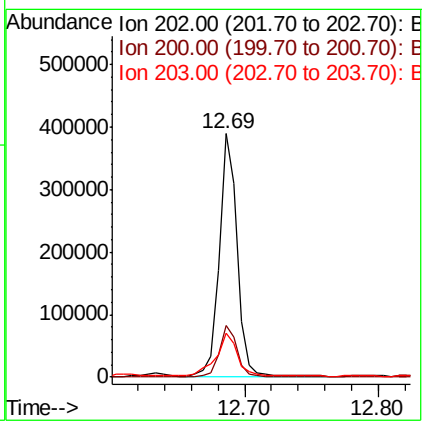


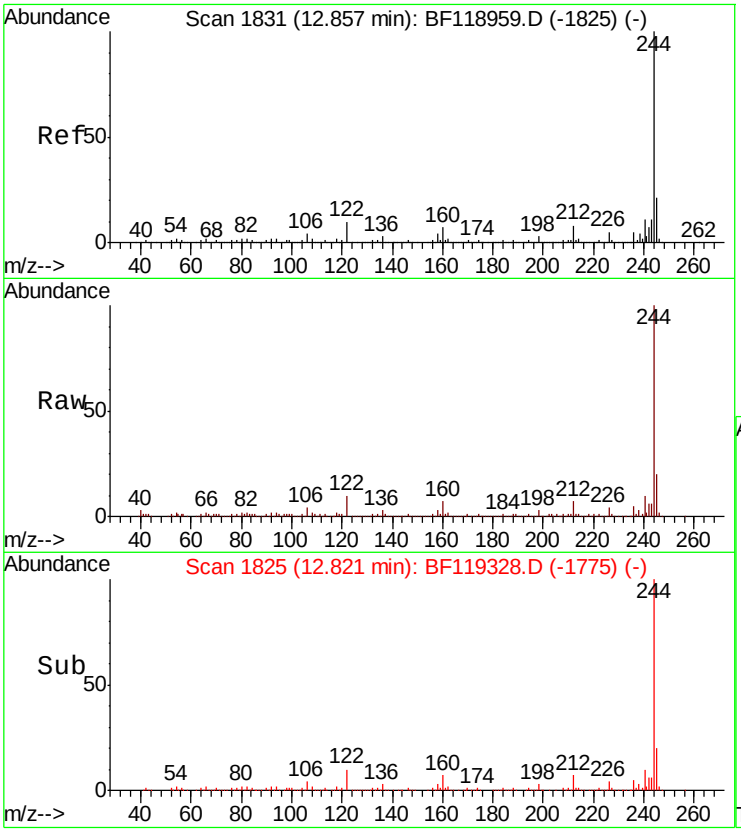


#78
Pyrene
Concen: 18.079 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:202 Resp: 365199

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	18.1	14.6	22.0



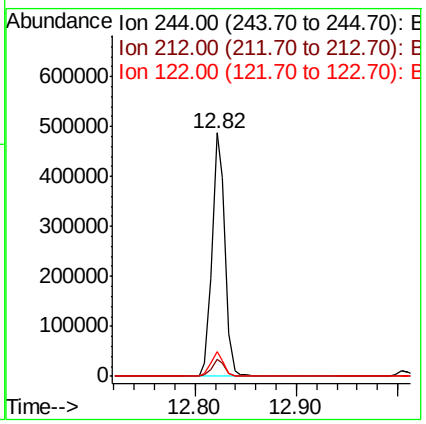


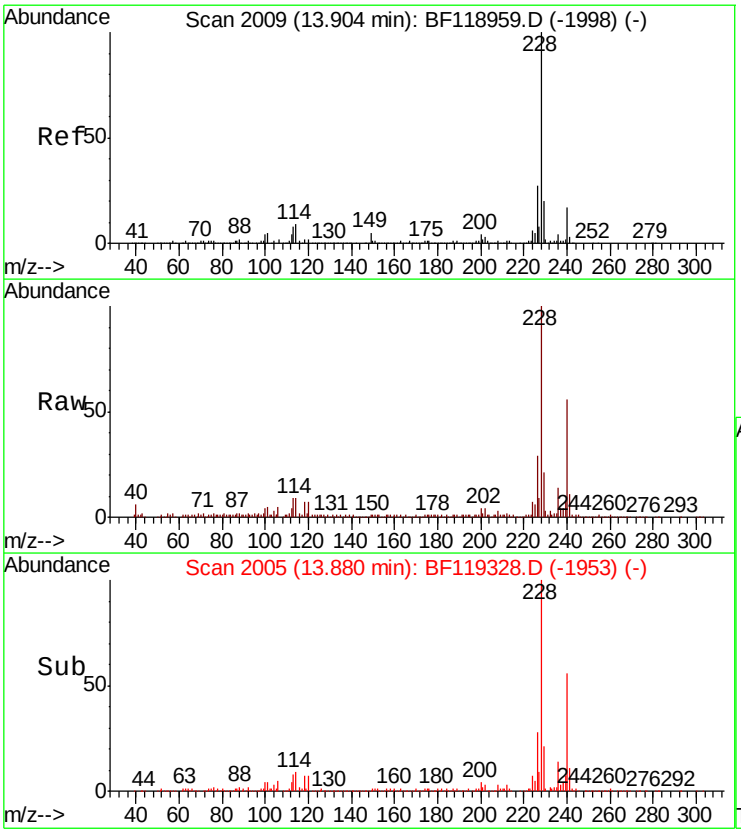
#79
Terphenyl-d14
Concen: 29.524 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 431383

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.3	8.2	12.2

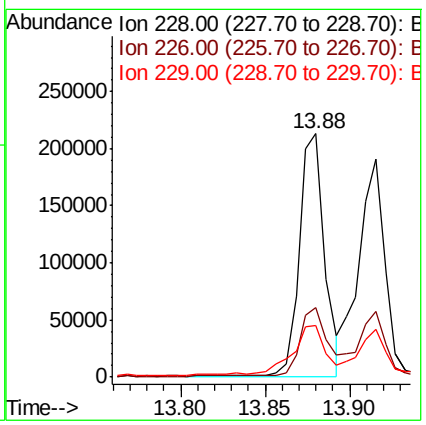


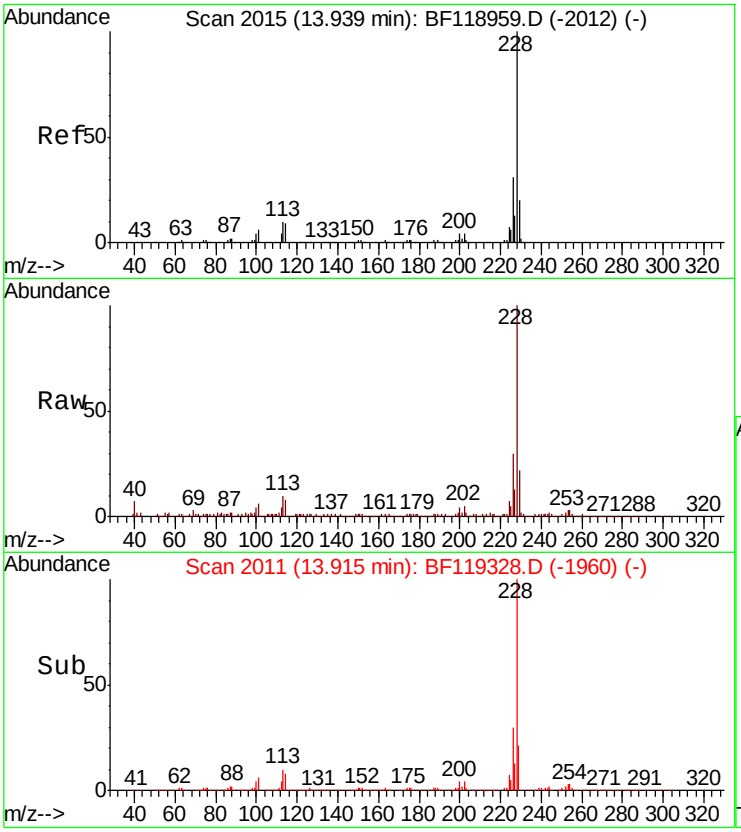


#81
Benzo(a)anthracene
Concen: 12.765 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:228 Resp: 218788

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.5	16.6	24.8



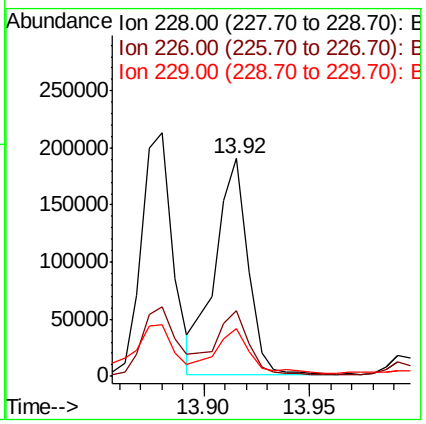


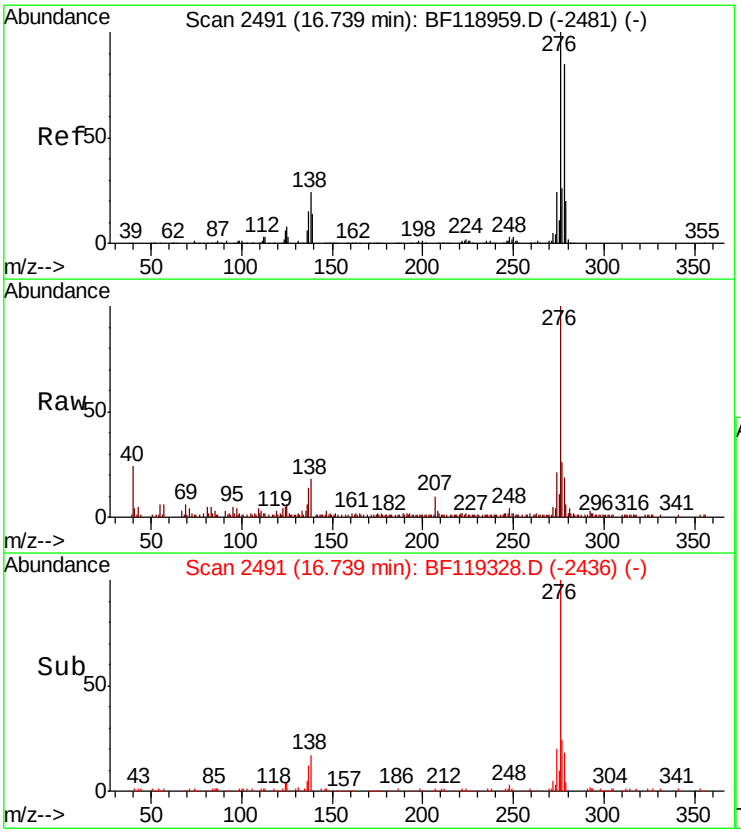
#83
Chrysene
Concen: 11.865 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 202642

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	22.1	16.3	24.5

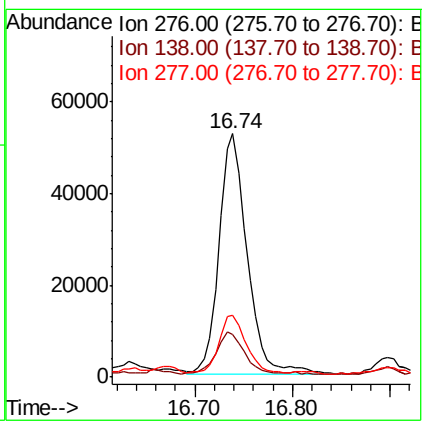


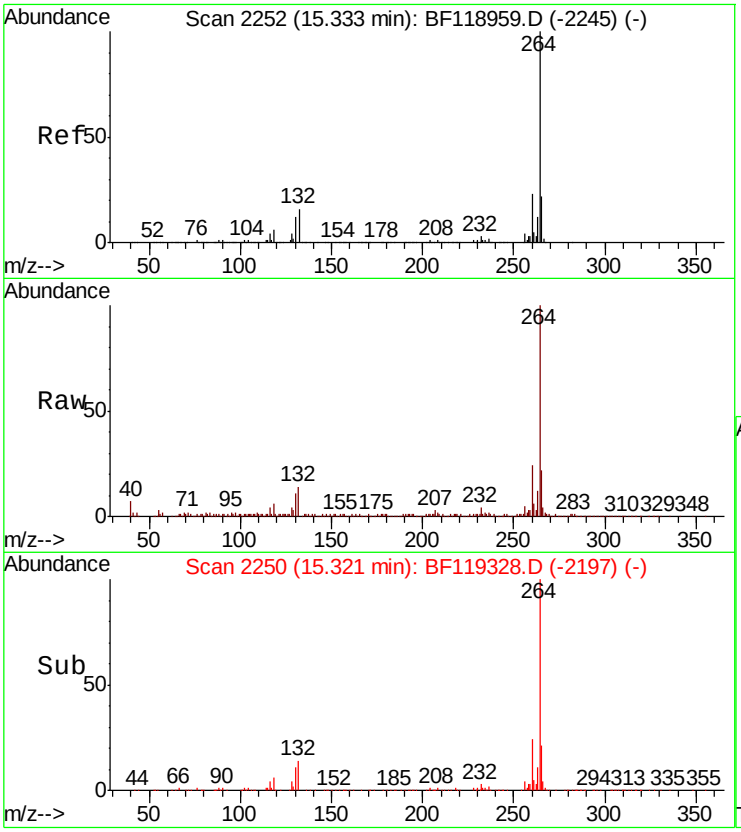


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.297 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:276 Resp: 104140

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.4	26.0#
277	23.1	20.3	30.5



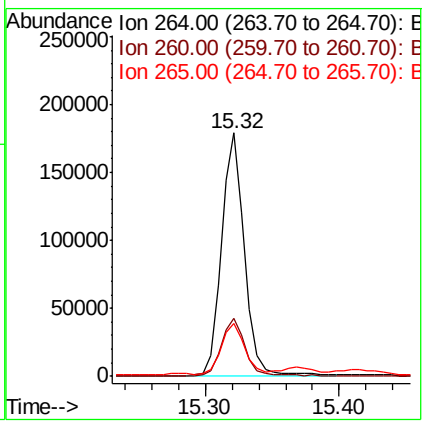


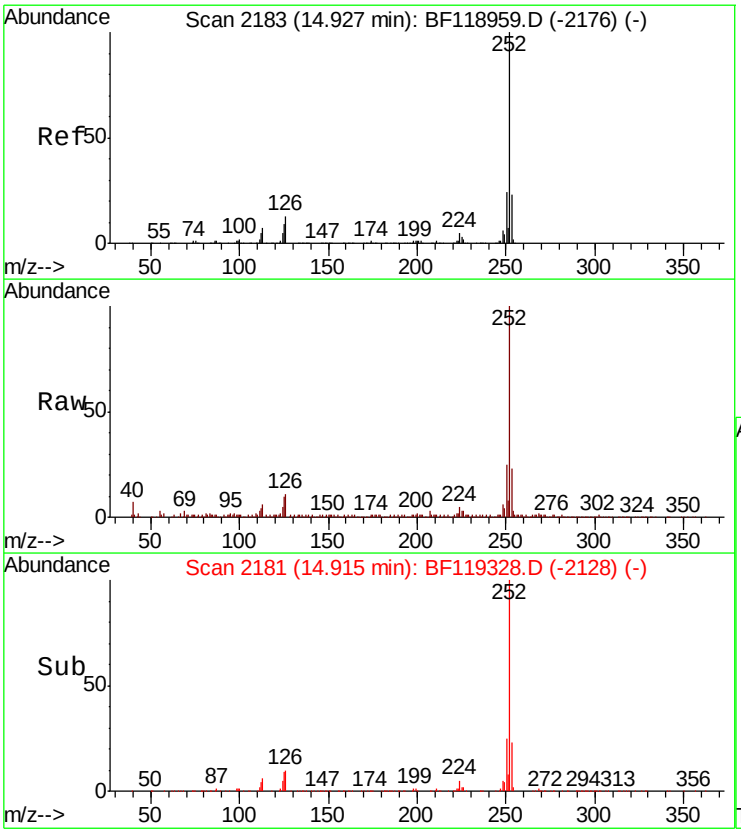
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 214111

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.7	26.5

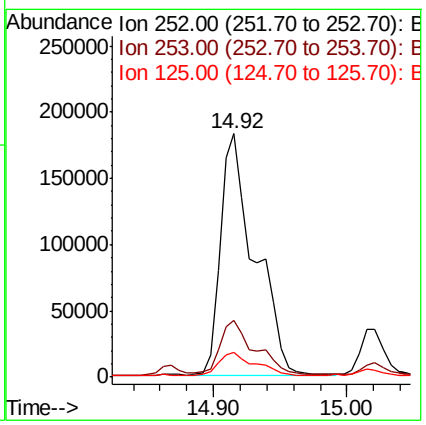


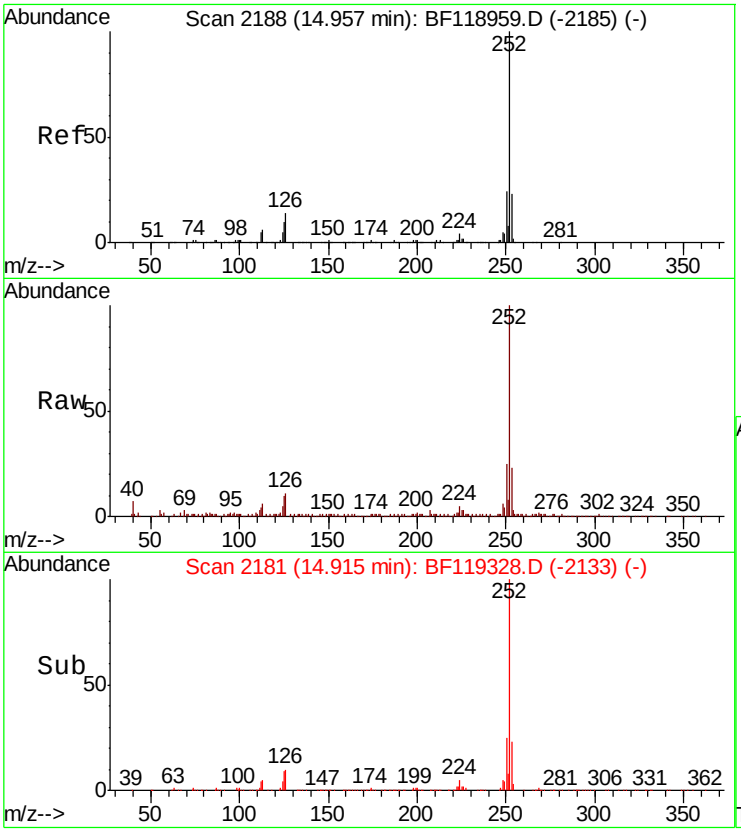


#88
Benzo(b)fluoranthene
Concen: 23.067 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:252 Resp: 325546

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.1	7.4	11.0



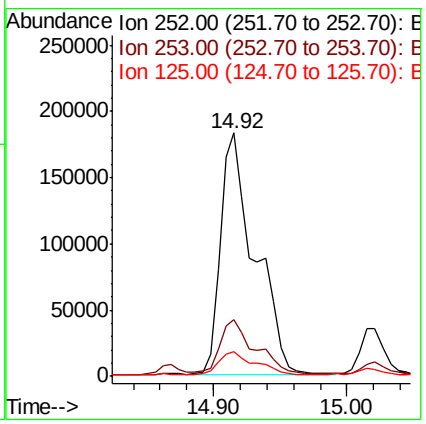


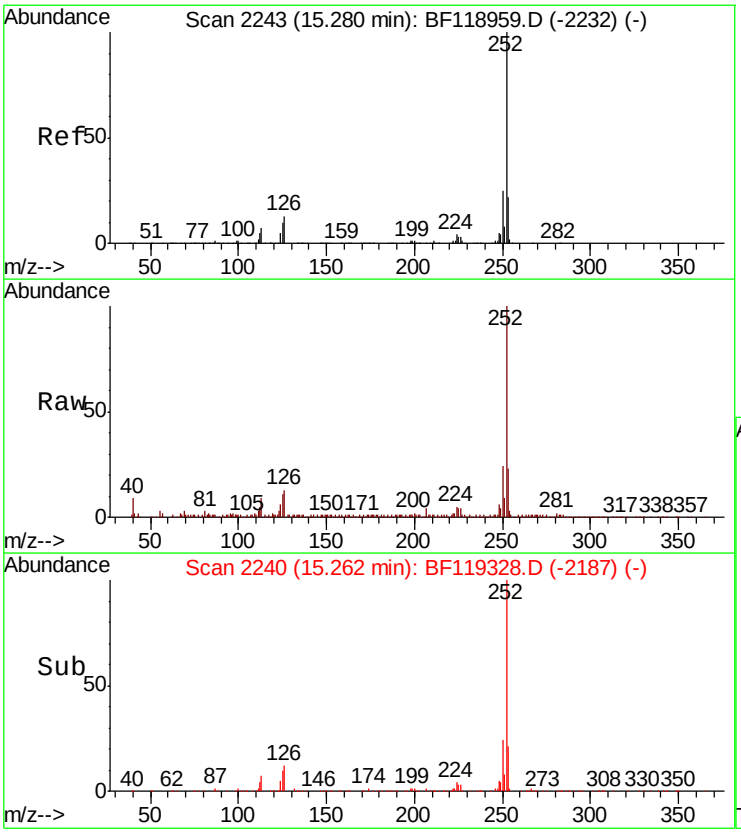
#89
Benzo(k)fluoranthene
Concen: 24.891 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 325546

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.1	7.5	11.3

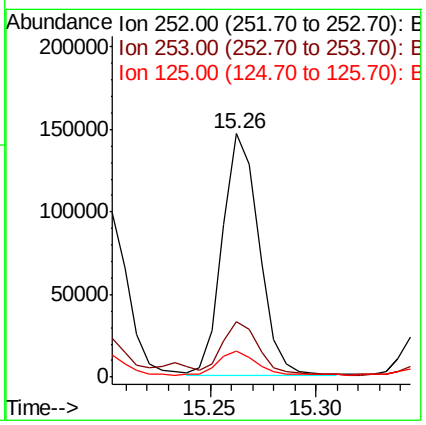


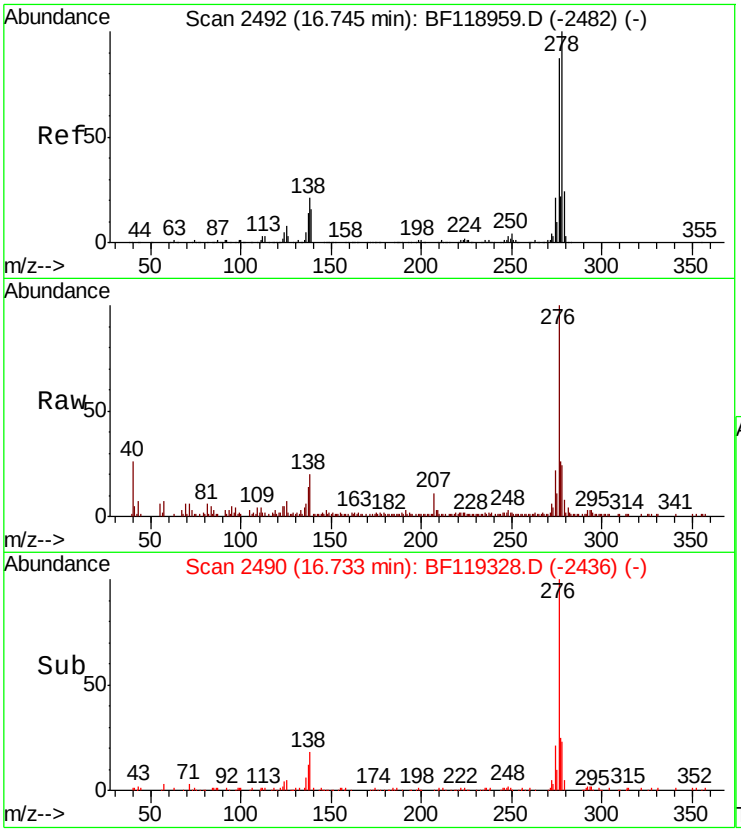


#90
Benzo(a)pyrene
Concen: 13.845 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:252 Resp: 176352

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.6	8.6	12.8



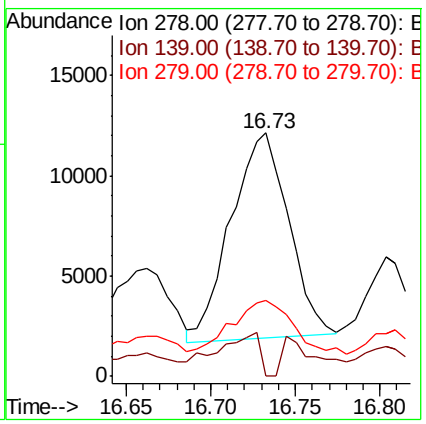


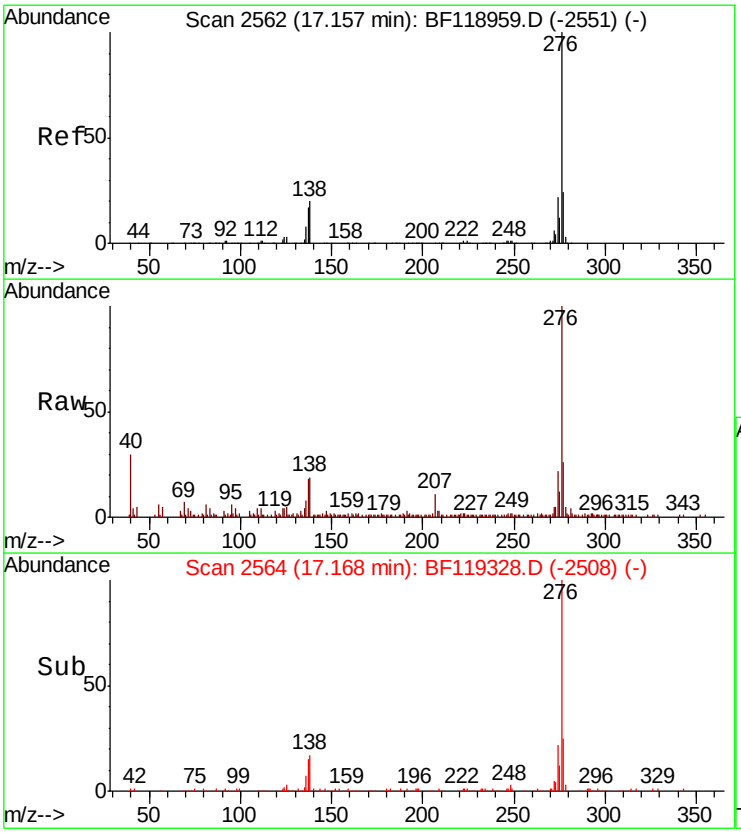
#91
Dibenzo(a,h)anthracene
Concen: 2.182 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 24449

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.0	16.4#
279	31.2	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 8.671 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119328.D
Acq: 10 Mar 2020 20:51

Tgt Ion:276 Resp: 96018

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.7	28.1
138	18.6	14.3	21.5