Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119161.D
Acq On : 29 Feb 2020 16:31
Operator : CG/JU
Sample : L1697-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-053-A

Quant Time: Mar 02 06:45:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	134967	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	495024	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	248159	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	398152	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	333981	20.00	ng	-0.02
87) Perylene-d12	15.31	264	377472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	721946	89.39	ng	0.00
7) Phenol-d6	6.38	99	853493	86.90	ng	-0.02
23) Nitrobenzene-d5	7.30	82	560817	59.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	250724	77.23	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1065641	63.26	ng	-0.02
79) Terphenyl-d14	12.83	244	1057067	54.49	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	52156	2.748	ng	99
71) Phenanthrene	11.27	178	189119	8.710	ng	98
72) Anthracene	11.32	178	59818	2.757	ng	96
75) Fluoranthene	12.46	202	346416	15.030	ng	97
78) Pyrene	12.69	202	304827	11.366	ng	99
81) Benzo(a)anthracene	13.87	228	221726	9.743	ng	99
83) Chrysene	13.91	228	178087	7.854	ng	98
86) Indeno(1,2,3-cd)pyrene	16.71	276	102403	4.664	ng	95
88) Benzo(b)fluoranthene	14.90	252	272259m	10.942	ng	
89) Benzo(k)fluoranthene	14.93	252	98967m	4.292	ng	
90) Benzo(a)pyrene	15.25	252	188483	8.394	ng	98
92) Benzo(g,h,i)perylene	17.13	276	90267	4.624	ng	96

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

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Acq On : 29 Feb 2020 16:31
Operator : CG/JU
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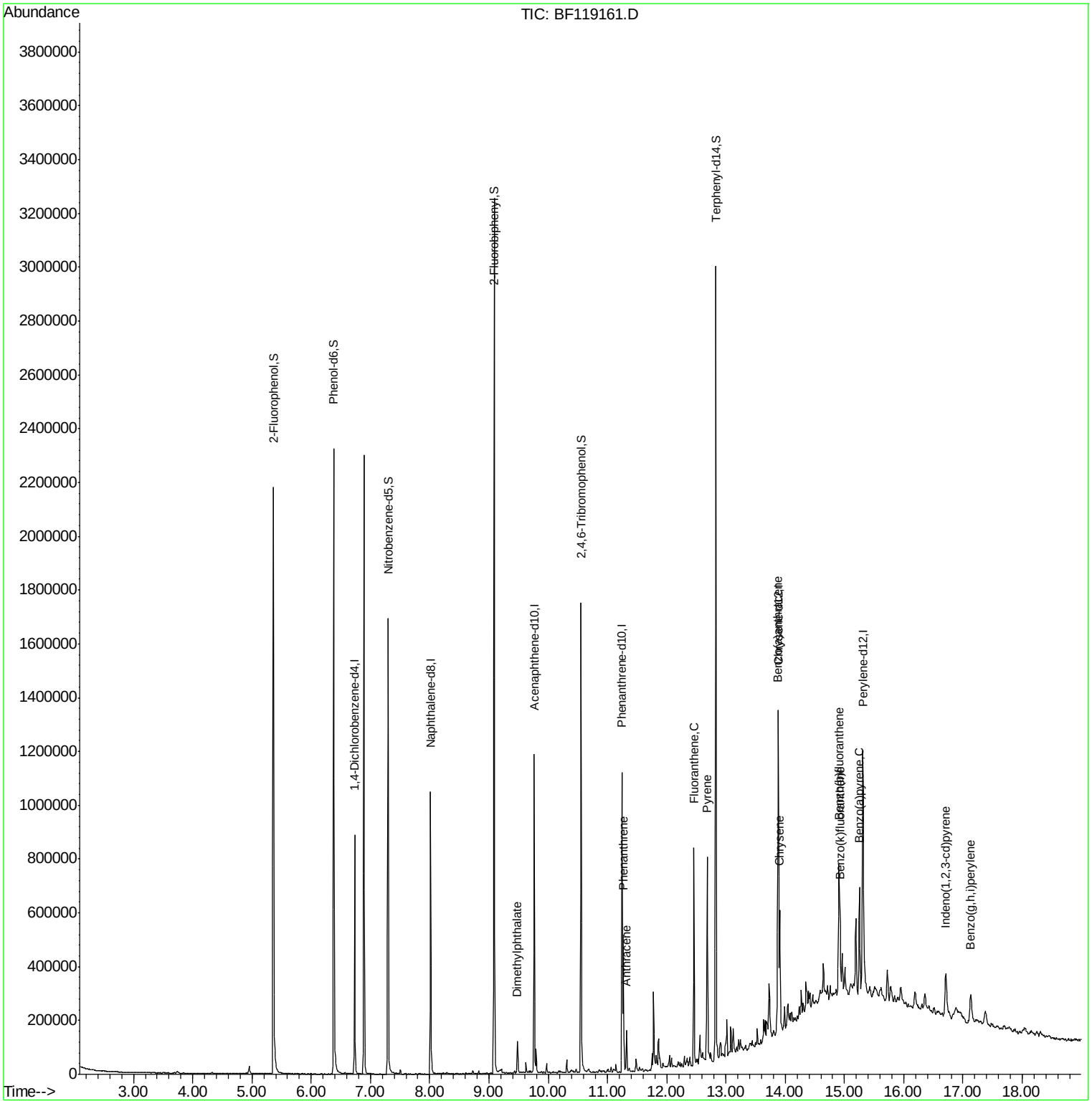
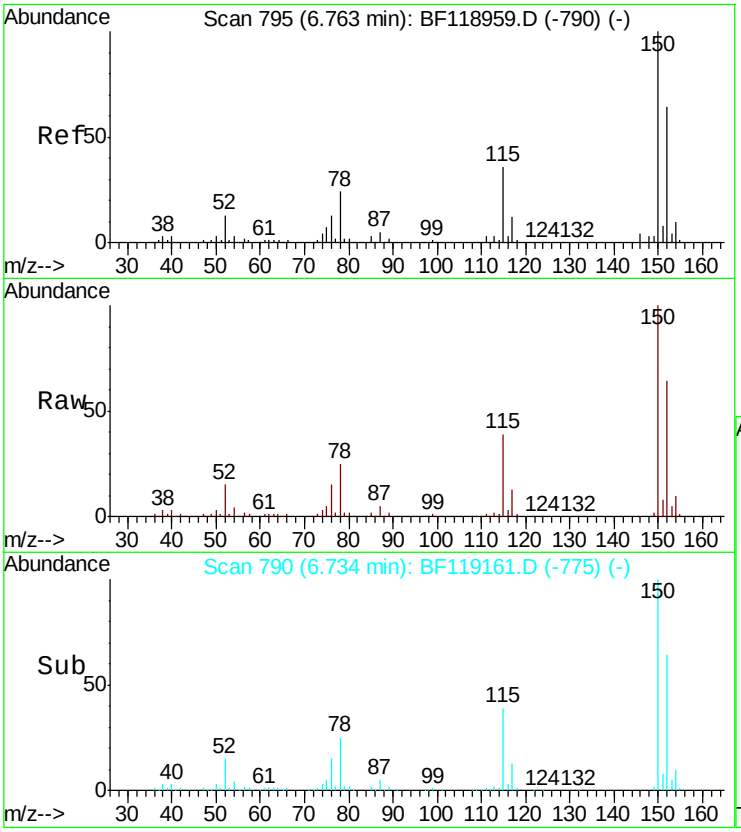
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Quant Time: Mar 02 06:45:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



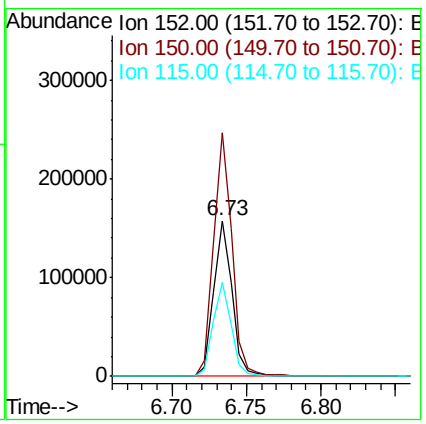


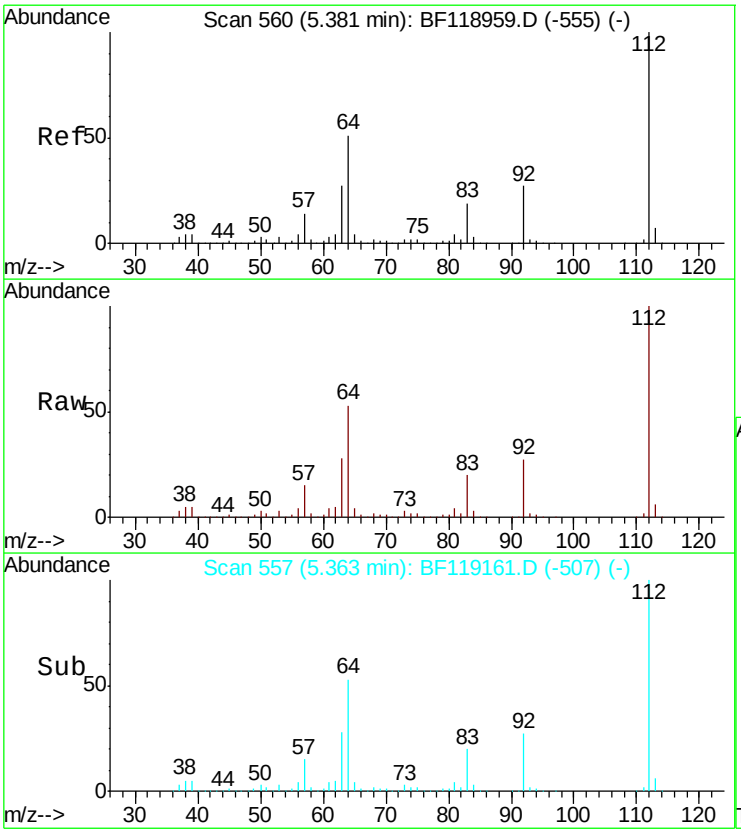
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:152 Resp: 134967

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.0	184.6
115	60.6	49.5	74.3

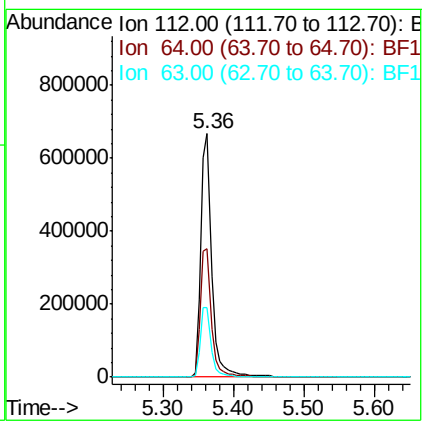


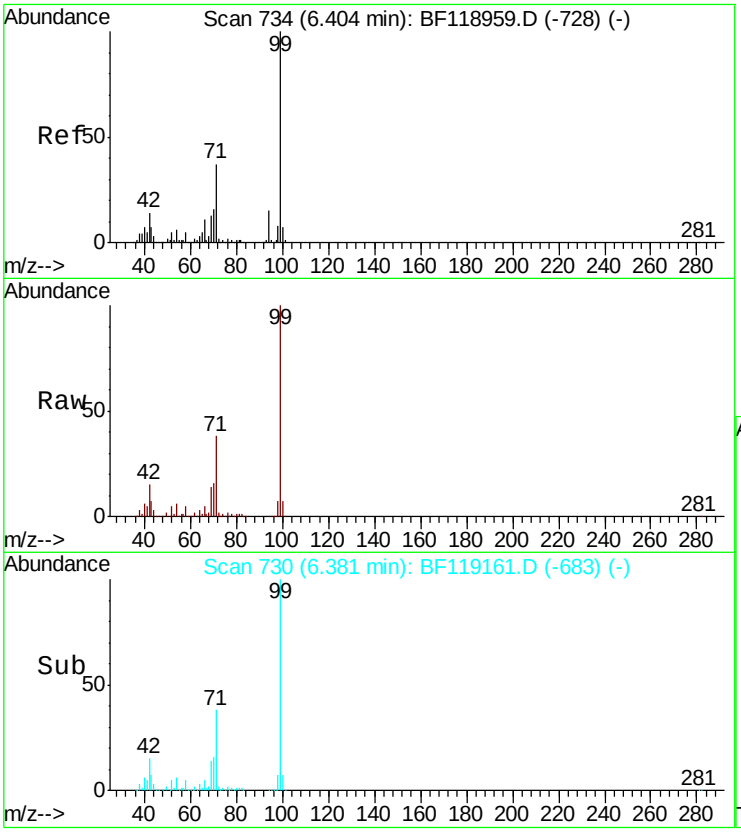


#5
2-Fluorophenol
Concen: 89.392 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:112 Resp: 721946

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	28.4	24.2	36.4



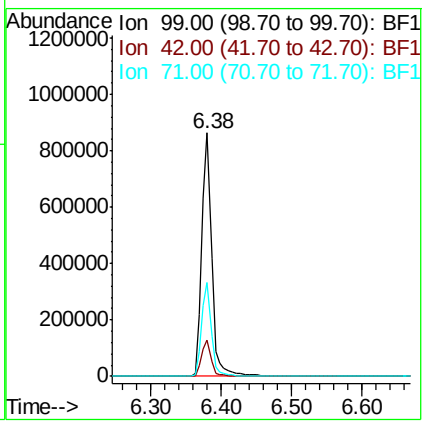


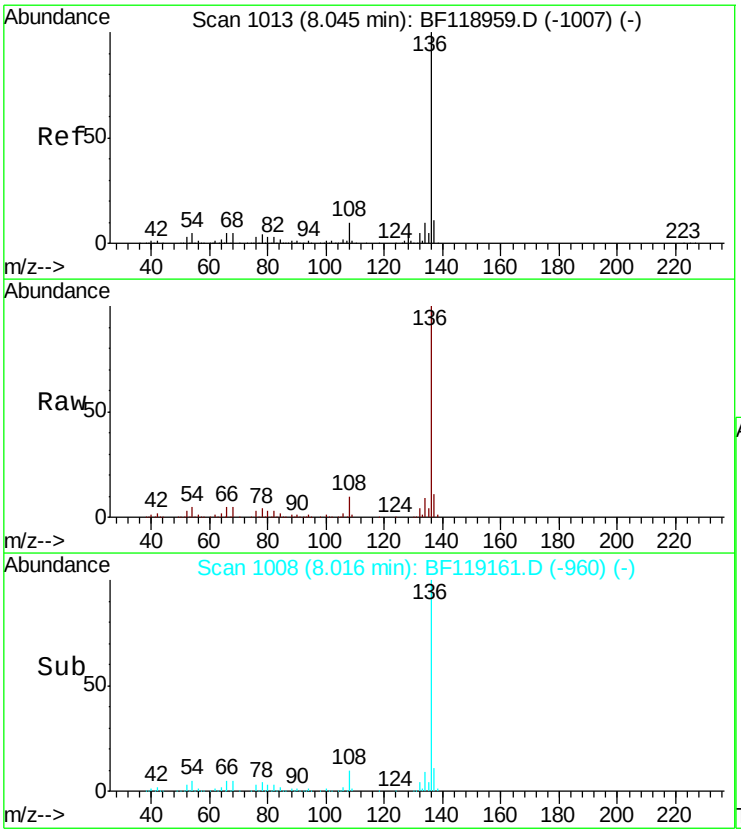
#7
Phenol-d6
Concen: 86.895 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion: 99 Resp: 853493

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.6	18.8
71	38.3	31.0	46.4

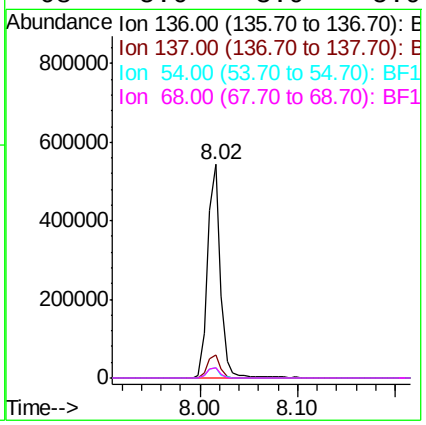


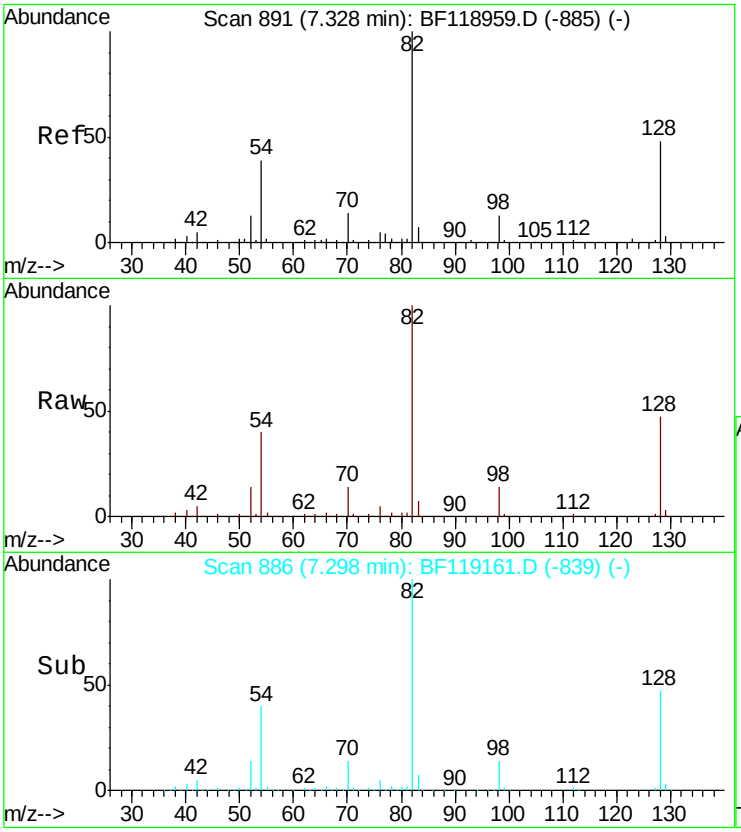


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:136 Resp: 495024

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.7	3.8	5.6
68	5.0	3.9	5.9



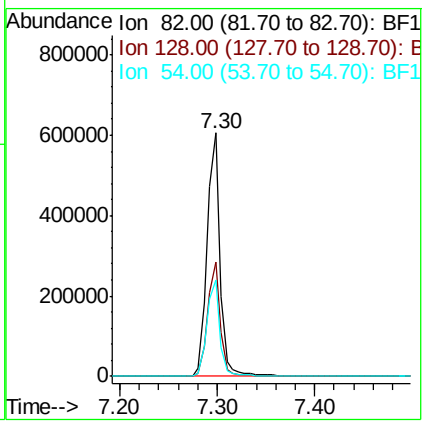


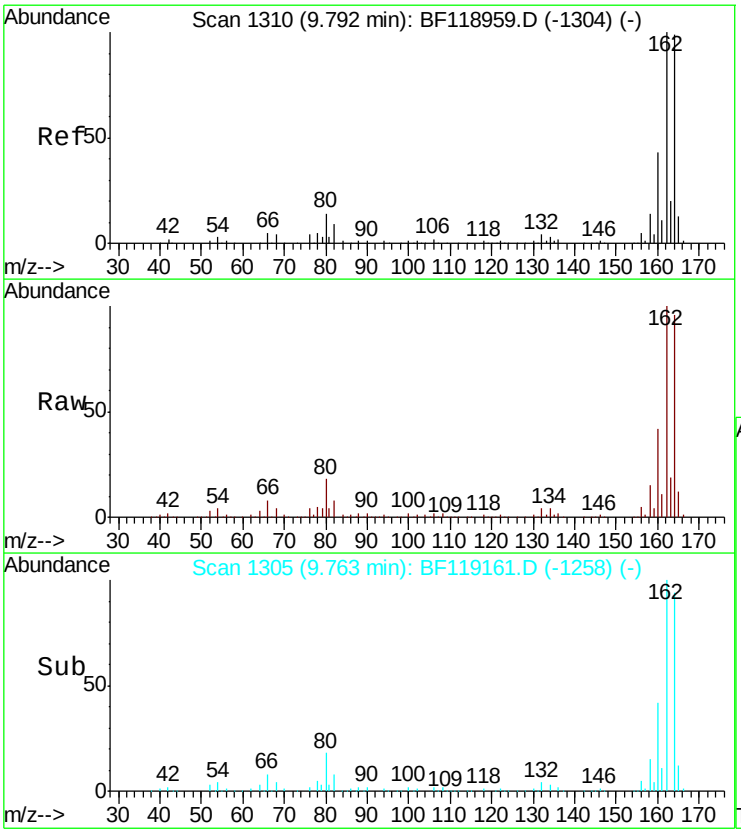
#23
Nitrobenzene-d5
Concen: 59.818 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion: 82 Resp: 560817

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.9	56.9
54	39.7	33.4	50.2

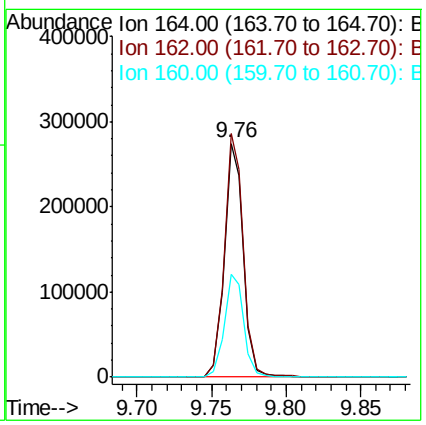


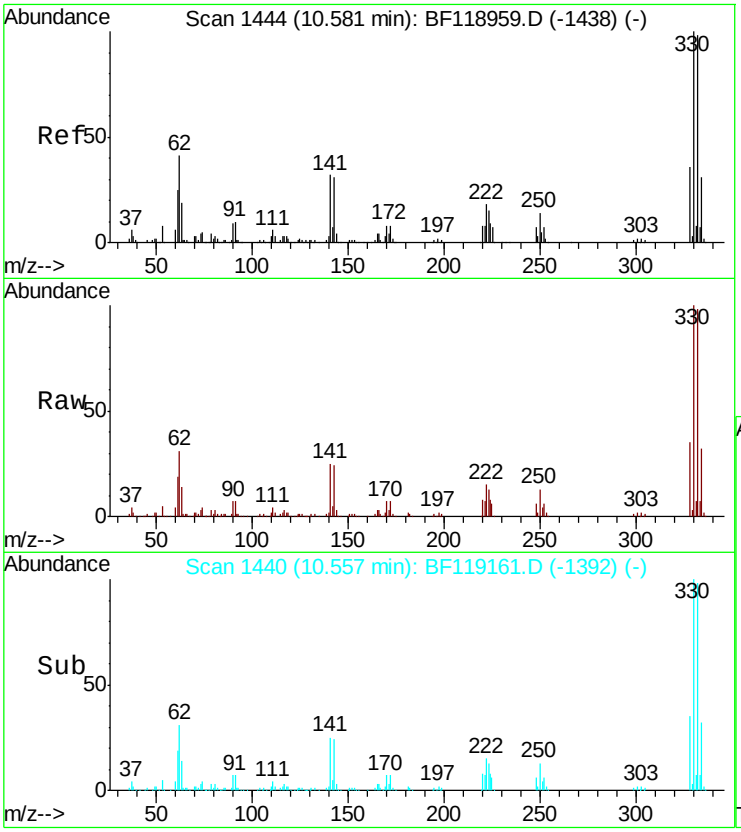


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:164 Resp: 248159

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.8	122.8
160	43.9	36.0	54.0



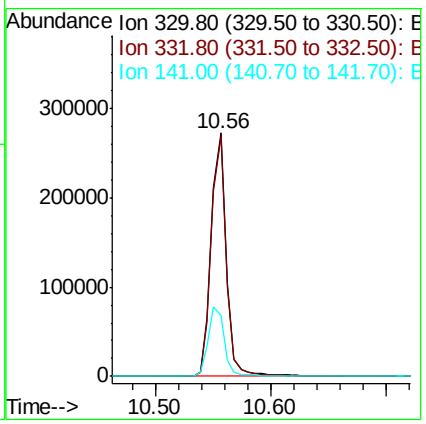


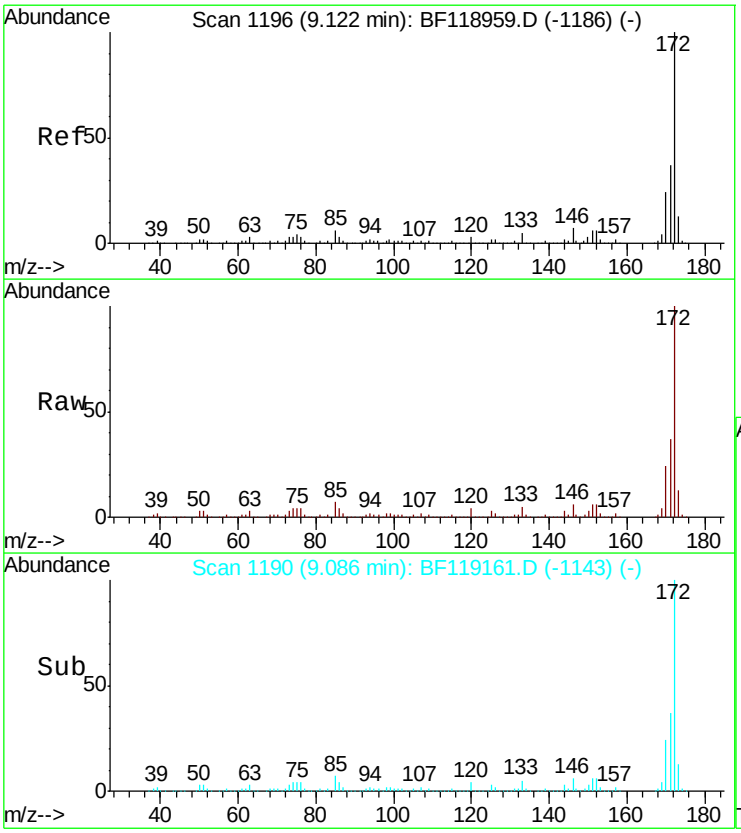
#42
2,4,6-Tribromophenol
Concen: 77.233 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:330 Resp: 250724

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.4	22.9	34.3

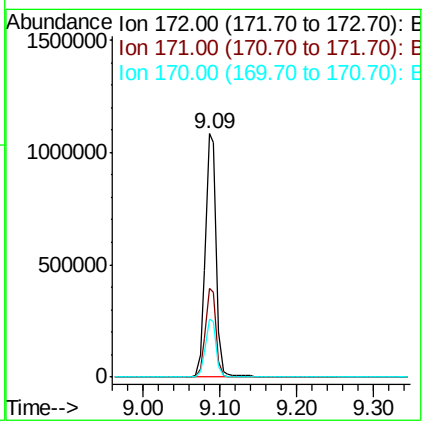


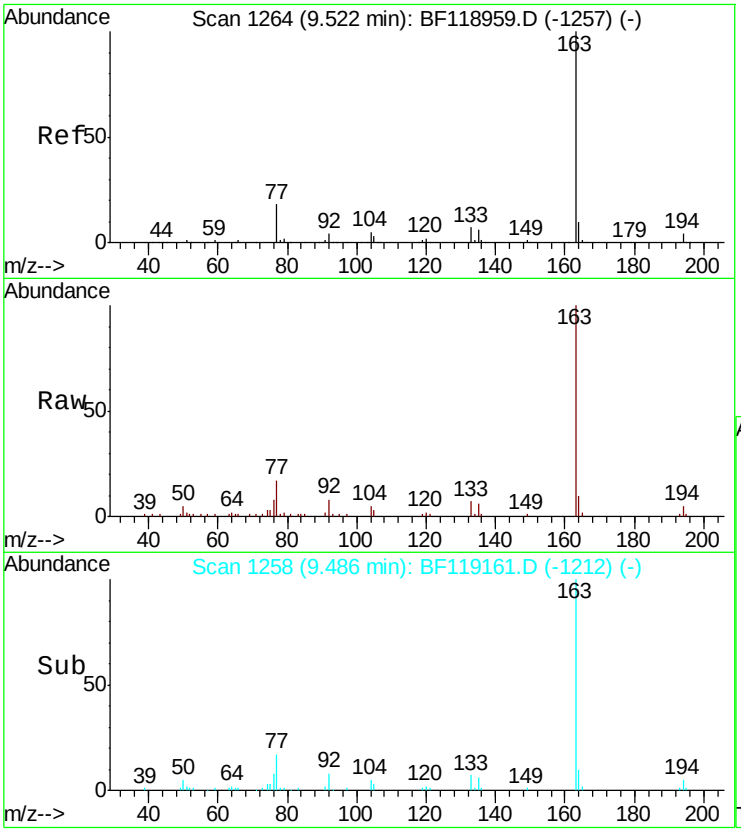


#45
2-Fluorobiphenyl
Concen: 63.261 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:172 Resp: 1065641

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	23.9	20.2	30.2



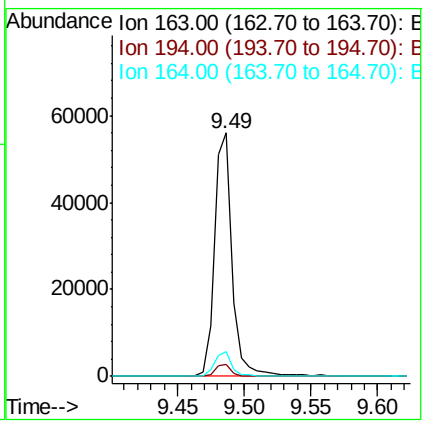


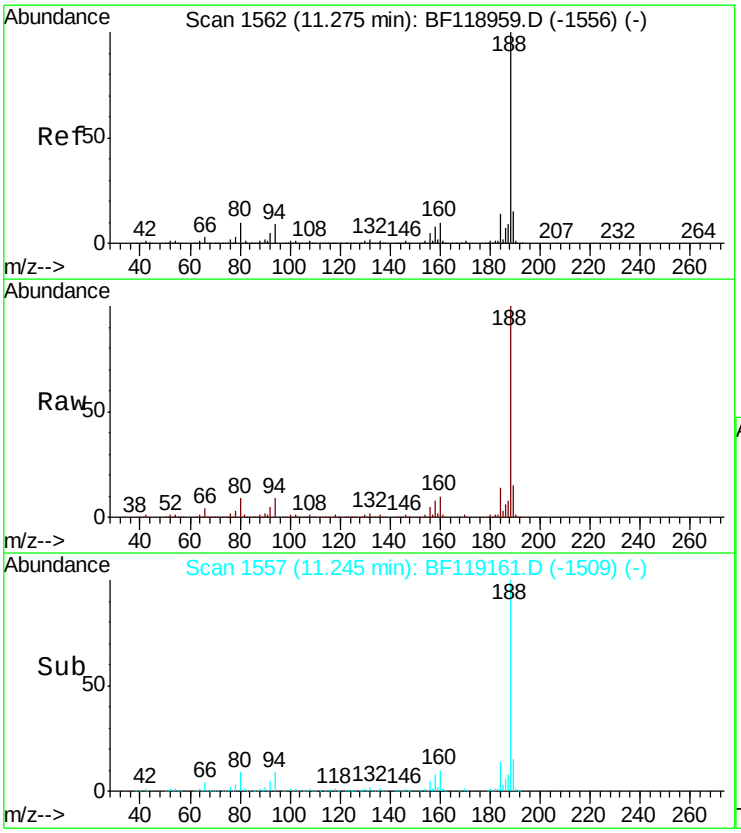
#50
Dimethylphthalate
Concen: 2.748 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:163 Resp: 52156

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.0	8.4	12.6

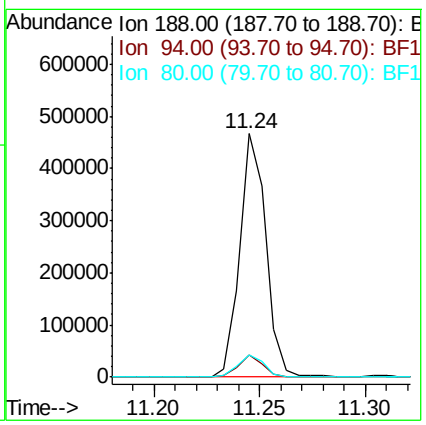


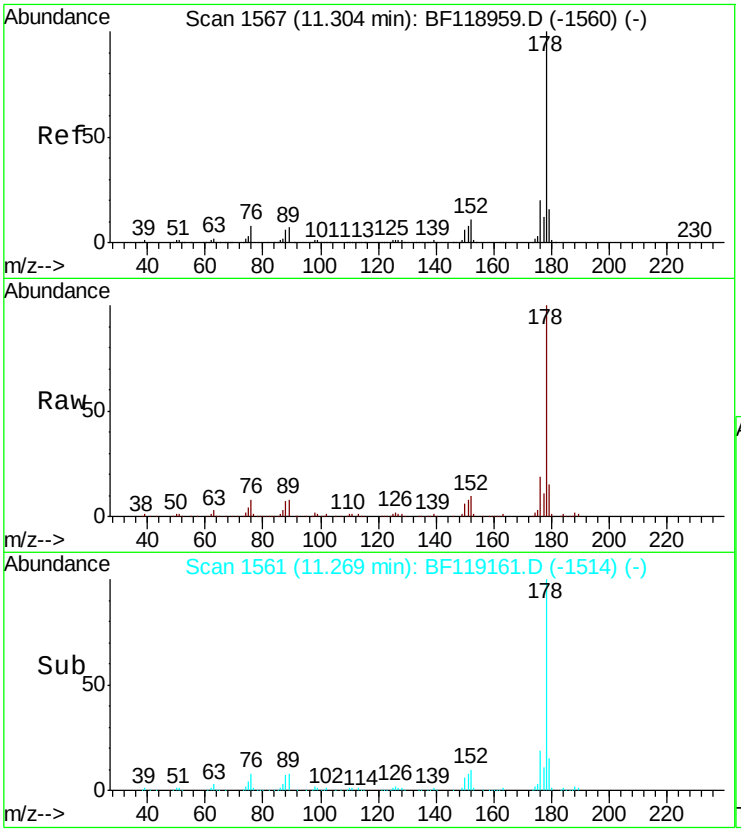


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:188 Resp: 398152

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.3	7.8	11.8



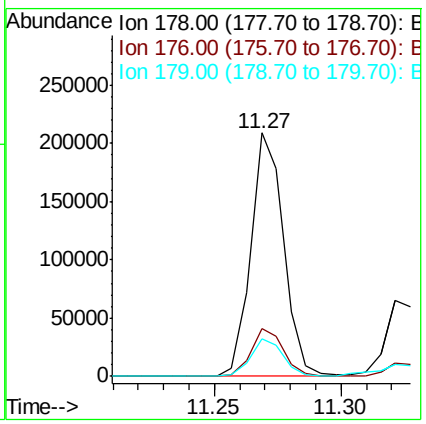


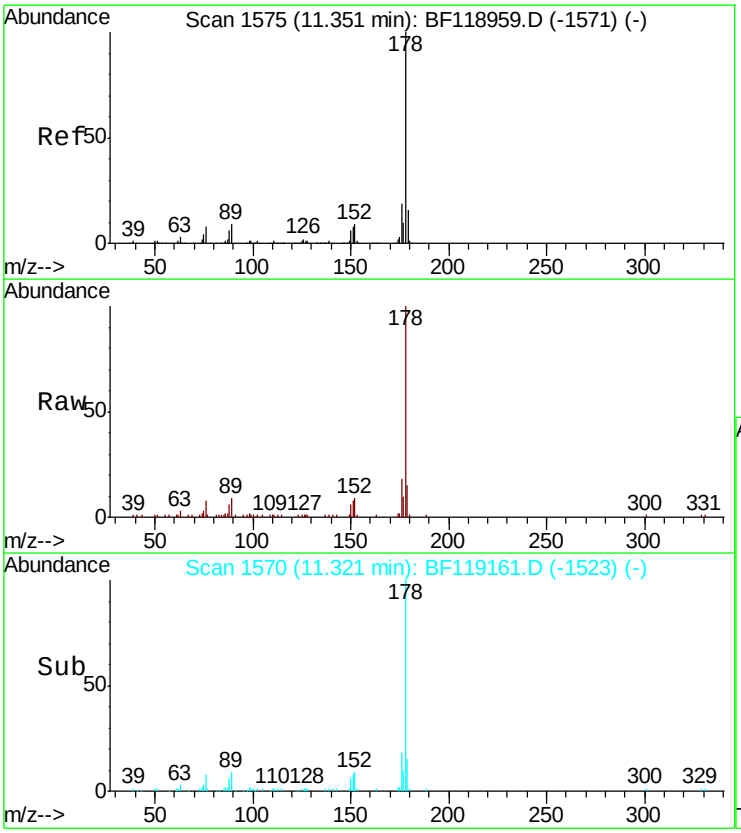
#71
Phenanthrene
Concen: 8.710 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:178 Resp: 189119

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.4	13.0	19.6

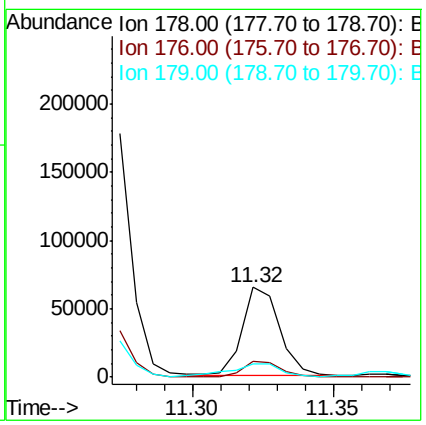


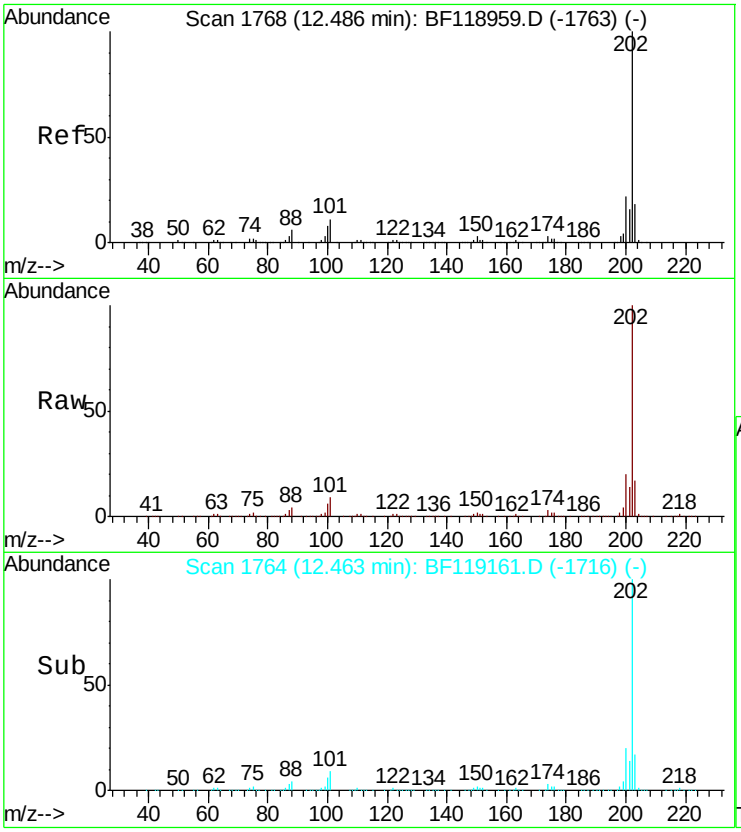


#72
Anthracene
Concen: 2.757 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:178 Resp: 59818

Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.0	24.0
179	15.0	13.1	19.7



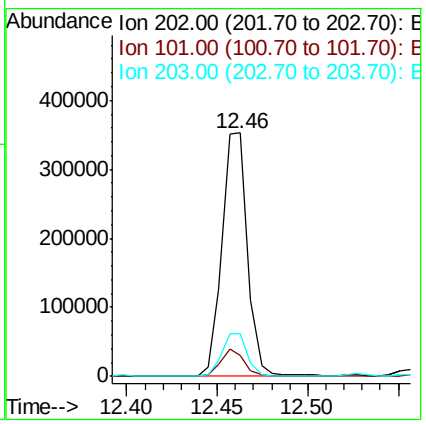


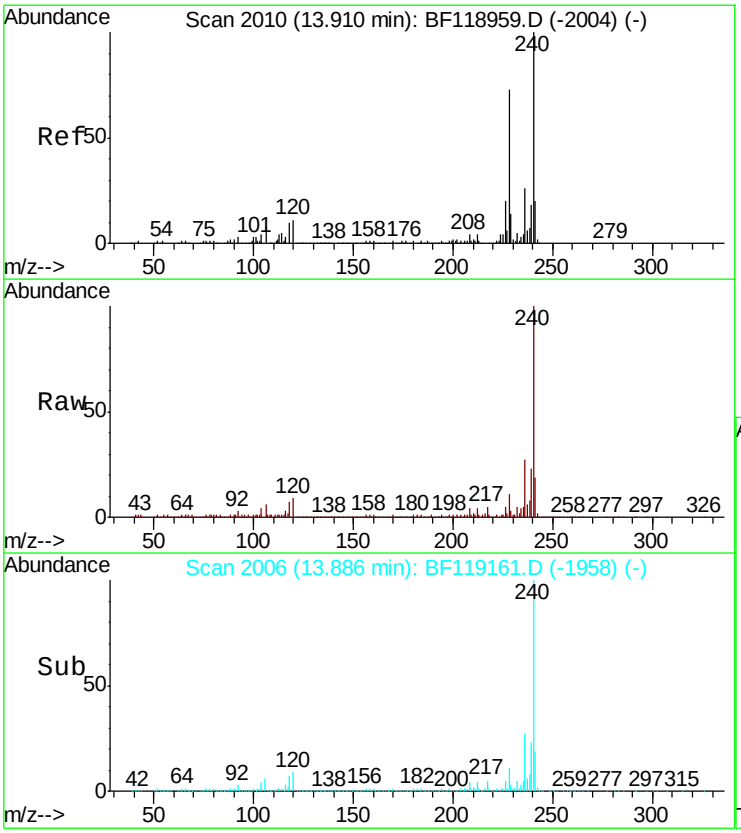
#75
Fluoranthene
Concen: 15.030 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:202 Resp: 346416

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.3
203	17.3	0.0	38.4

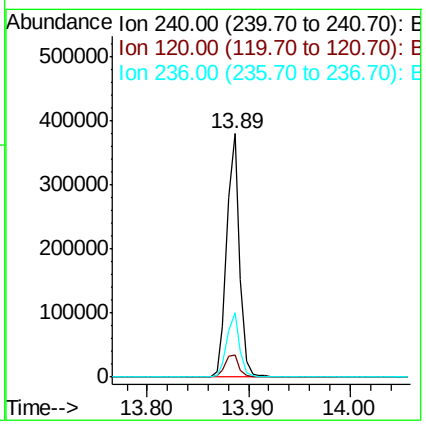


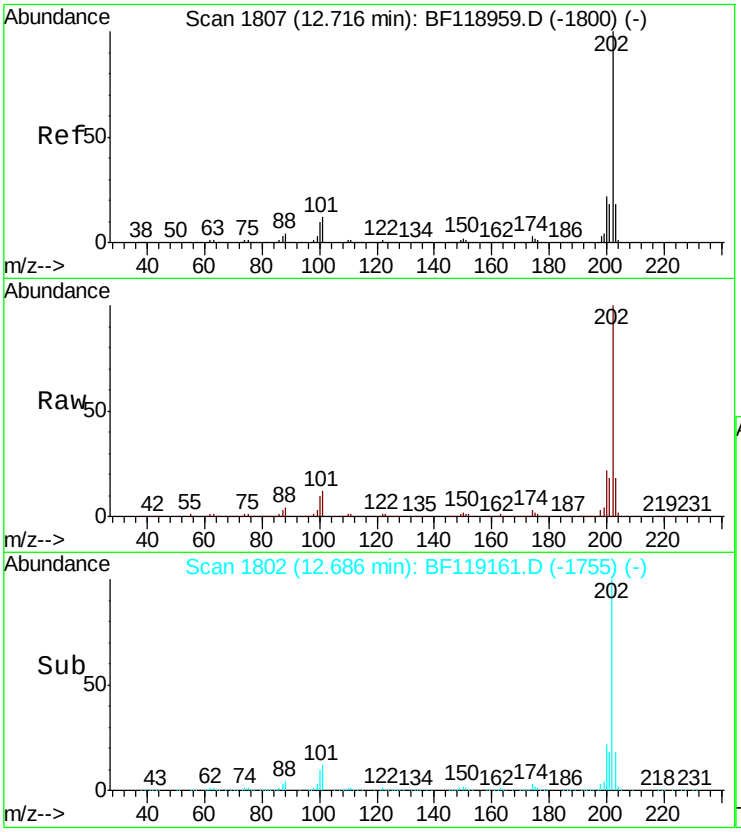


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:240 Resp: 333981

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	26.6	21.0	31.4



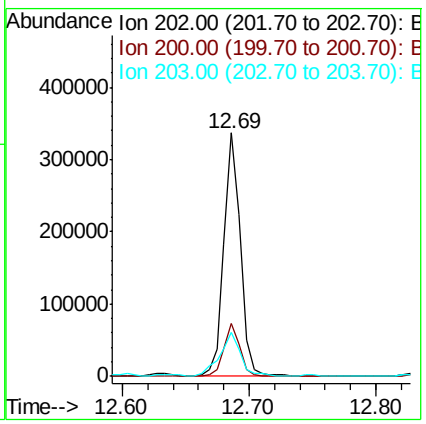


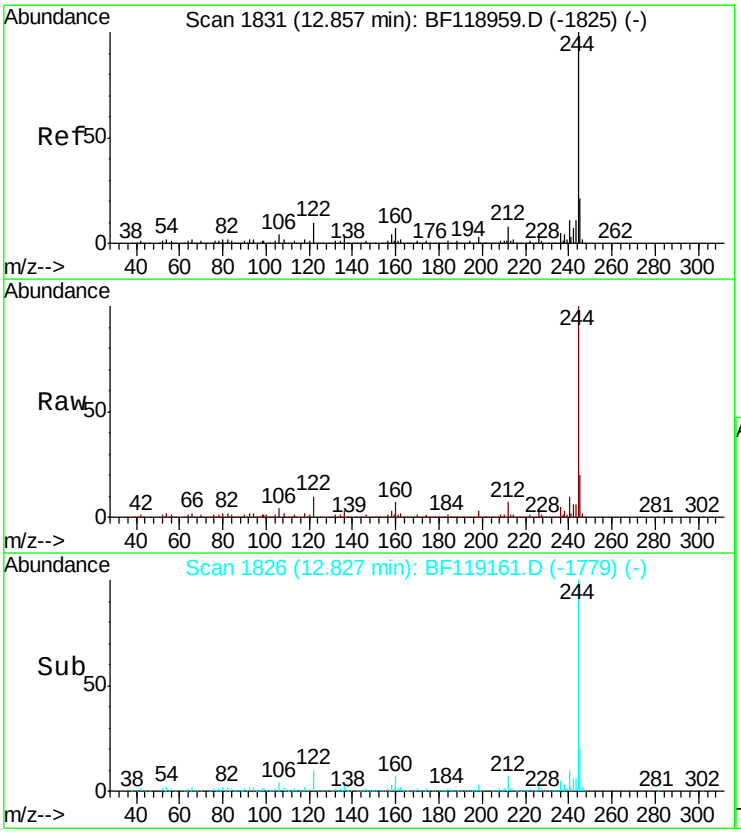
#78
Pyrene
Concen: 11.366 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:202 Resp: 304827

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	18.0	14.6	22.0

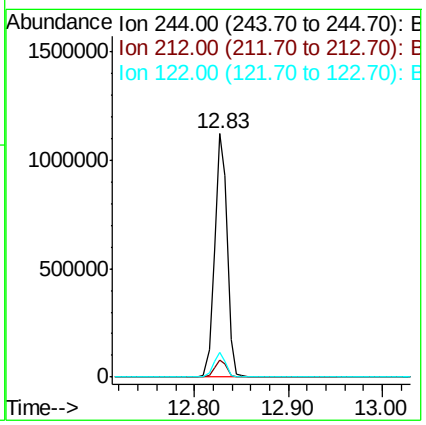


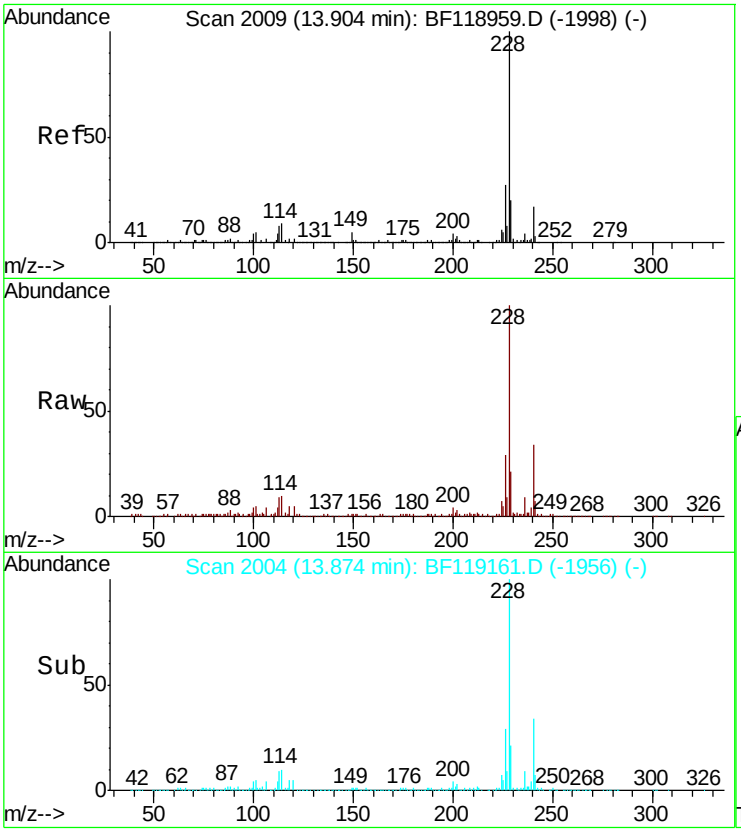


#79
Terphenyl-d14
Concen: 54.492 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:244 Resp: 1057067

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	10.2	8.2	12.2



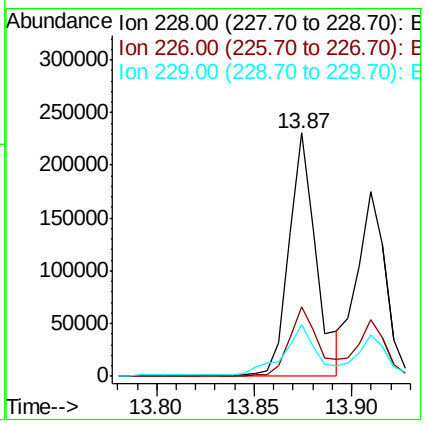


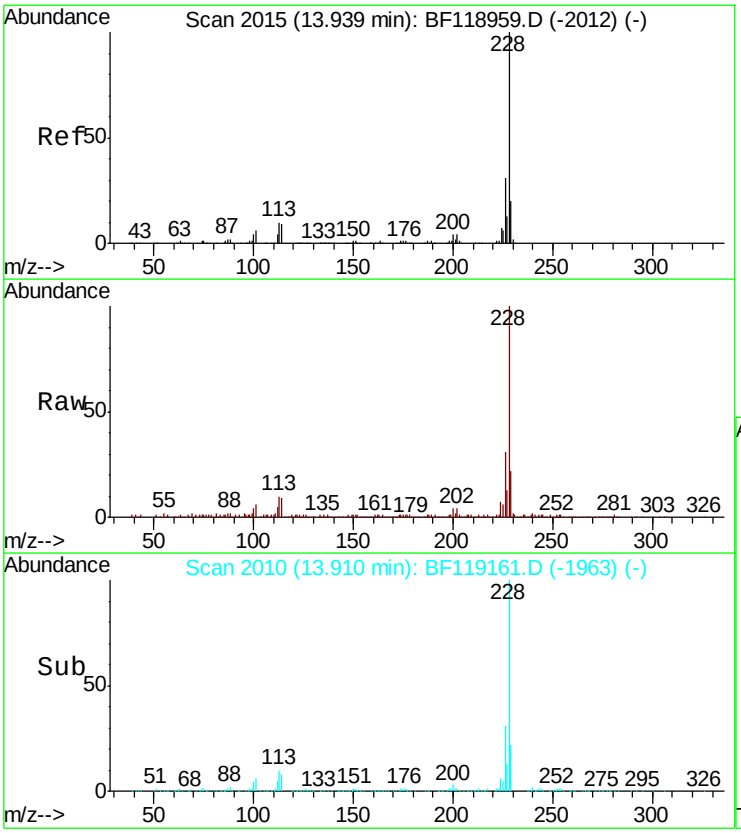
#81
Benzo(a)anthracene
Concen: 9.743 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:228 Resp: 221726

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.4	16.6	24.8

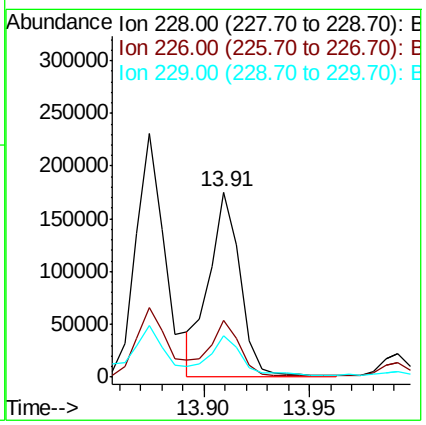


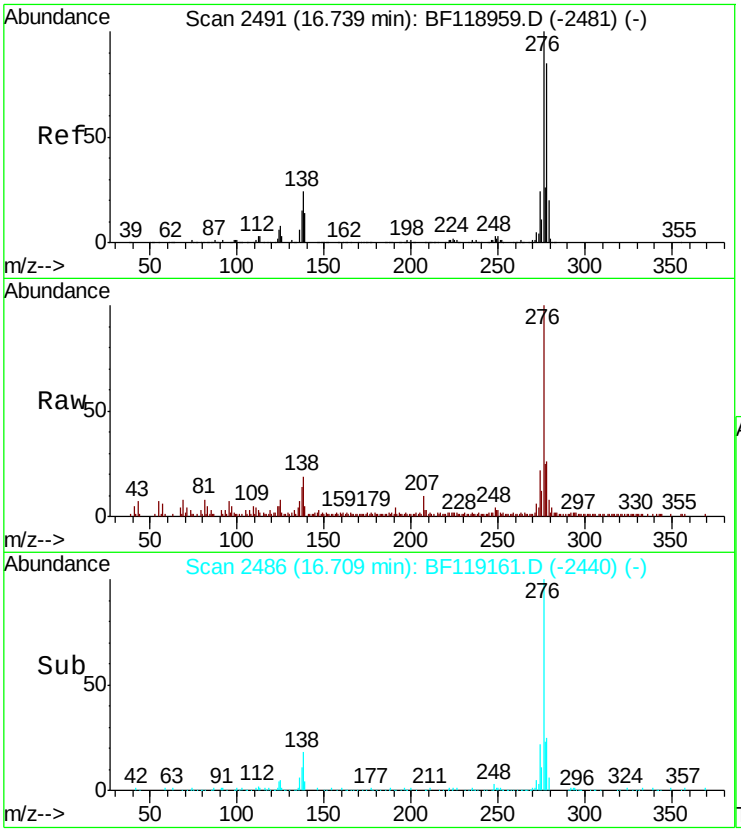


#83
Chrysene
Concen: 7.854 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:228 Resp: 178087

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	22.4	16.3	24.5



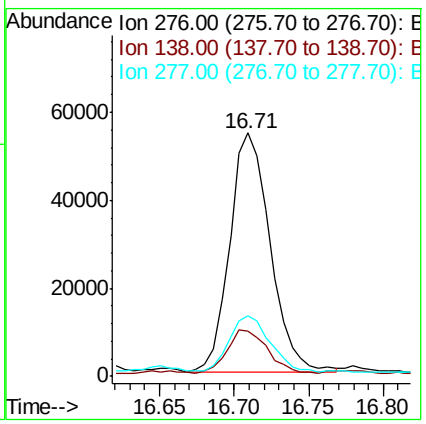


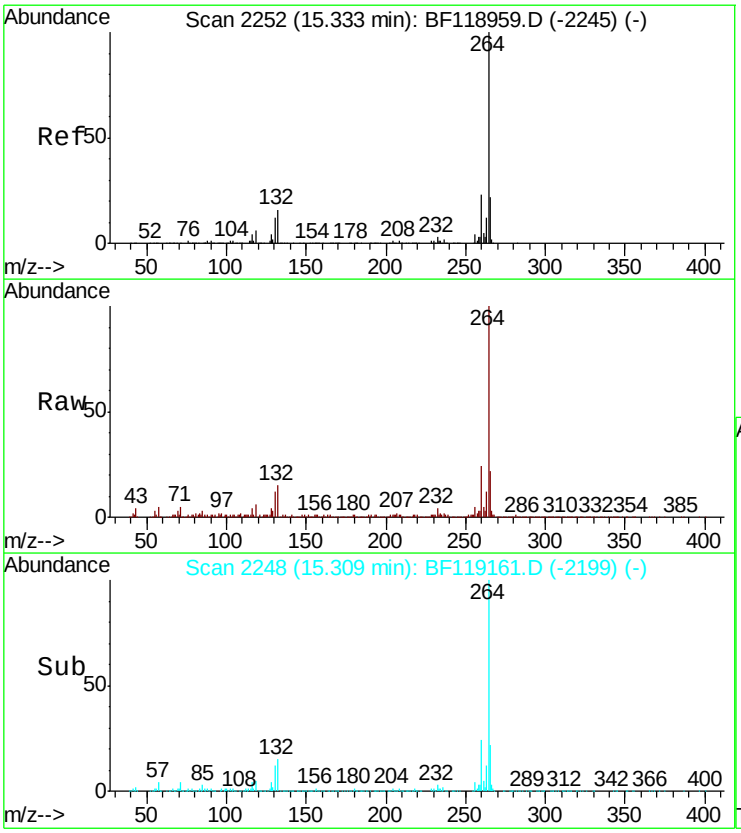
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.664 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.03 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:276 Resp: 102403

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.0
277	23.2	20.3	30.5

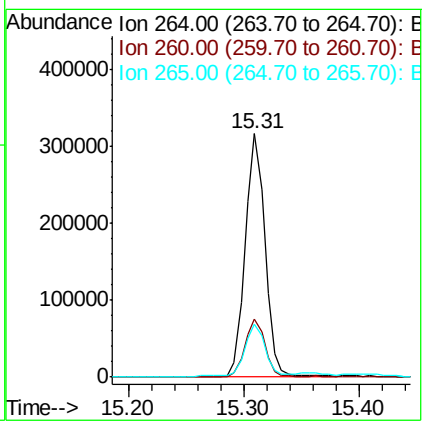


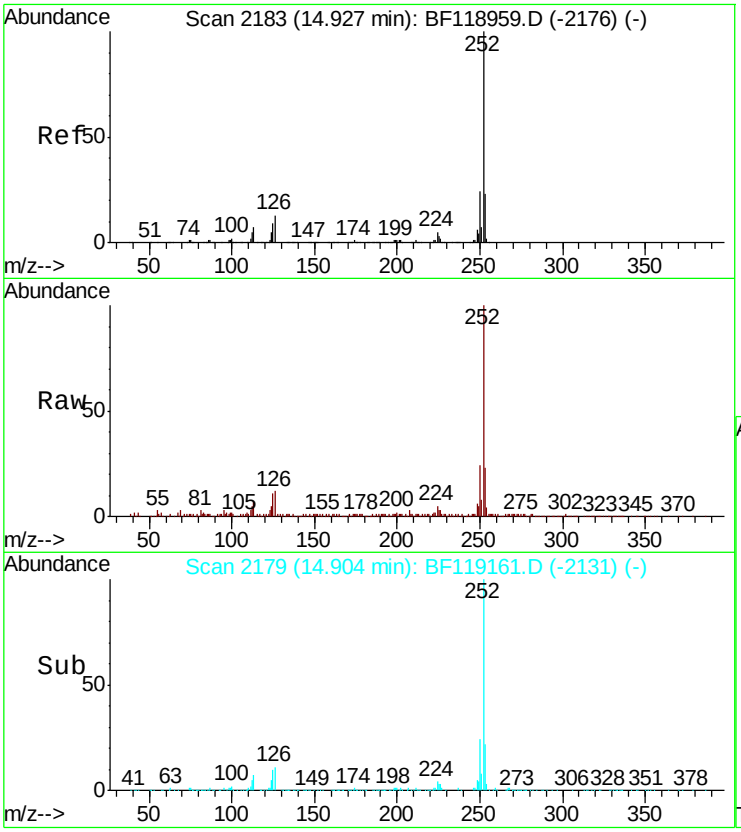


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:264 Resp: 377472

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.8	17.7	26.5



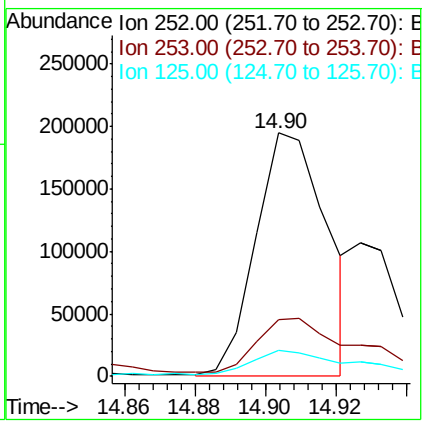


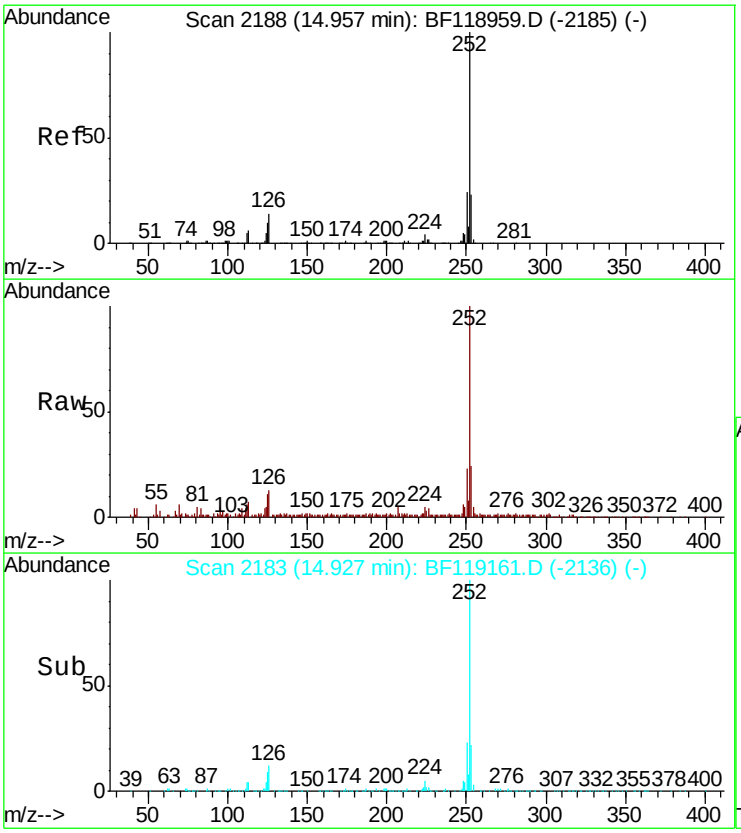
#88
Benzo(b)fluoranthene
Concen: 10.942 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:252 Resp: 272259

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.6	7.4	11.0

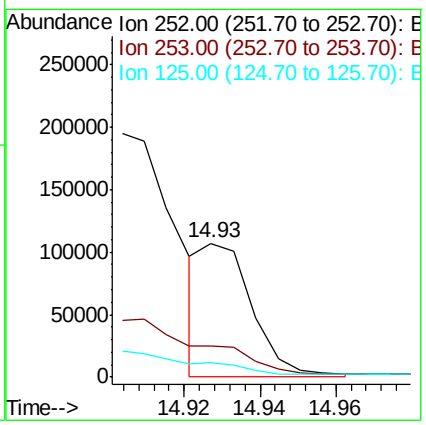


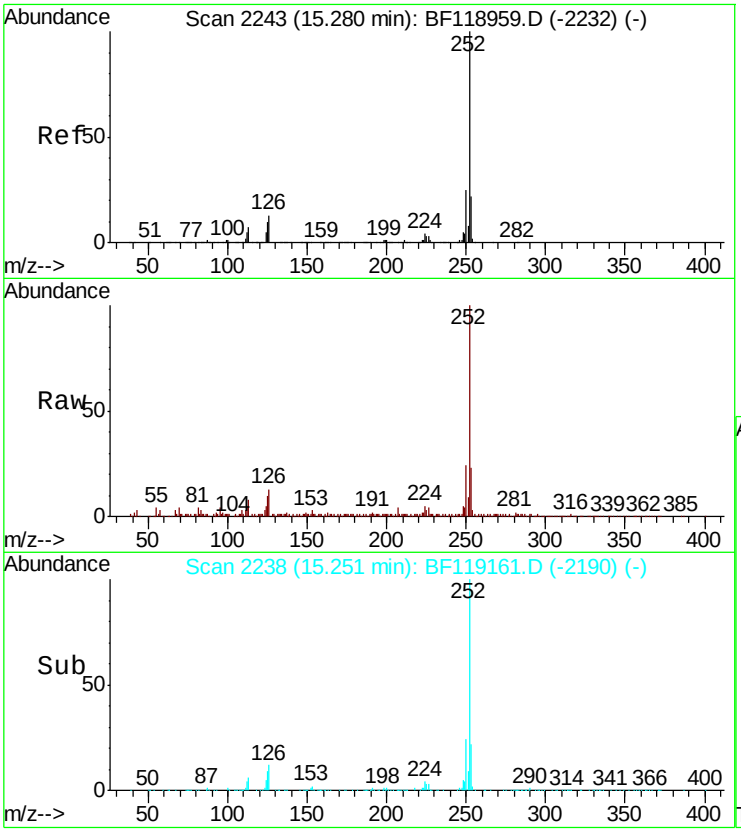


#89
Benzo(k)fluoranthene
Concen: 4.292 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:252 Resp: 98967

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.0	7.5	11.3



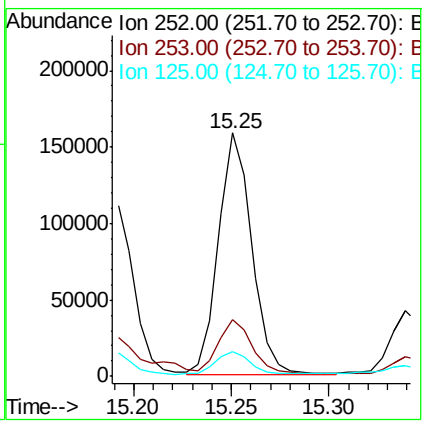


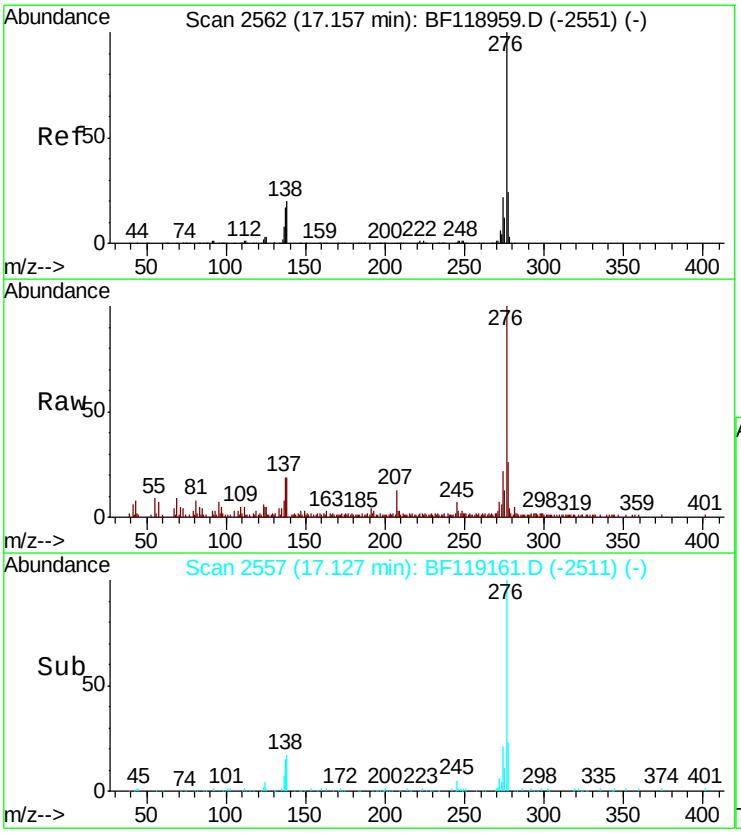
#90
Benzo(a)pyrene
Concen: 8.394 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tgt Ion:252 Resp: 188483

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.4	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 4.624 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF119161.D
Acq: 29 Feb 2020 16:31

Tgt Ion:276 Resp: 90267

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	19.2	14.3	21.5