Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119162.D
Acq On : 29 Feb 2020 17:00
Operator : CG/JU
Sample : L1696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-B

Quant Time: Mar 02 06:47:50 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	134518	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	511700	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	273085	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	465869	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	351904	20.00	ng	-0.02
87) Perylene-d12	15.31	264	368491	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	670865	83.34	ng	-0.01
7) Phenol-d6	6.38	99	819568	83.72	ng	-0.02
23) Nitrobenzene-d5	7.30	82	533143	55.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	265323	74.27	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1010080	54.49	ng	-0.02
79) Terphenyl-d14	12.83	244	1065650	52.14	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	126787	6.072	ng	99
71) Phenanthrene	11.27	178	182474	7.182	ng	96
72) Anthracene	11.33	178	76039	2.995	ng	97
75) Fluoranthene	12.46	202	452409	16.776	ng	98
78) Pyrene	12.69	202	373596	13.221	ng	98
81) Benzo(a)anthracene	13.87	228	222878	9.295	ng	98
83) Chrysene	13.91	228	187093	7.831	ng	97
86) Indeno(1,2,3-cd)pyrene	16.72	276	89682	3.877	ng	96
88) Benzo(b)fluoranthene	14.90	252	248846m	10.245	ng	
89) Benzo(k)fluoranthene	14.93	252	84667m	3.761	ng	
90) Benzo(a)pyrene	15.25	252	166850	7.611	ng	97
92) Benzo(g,h,i)perylene	17.13	276	81442	4.273	ng	97

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

Quantitation Report (LSC Reviewed)

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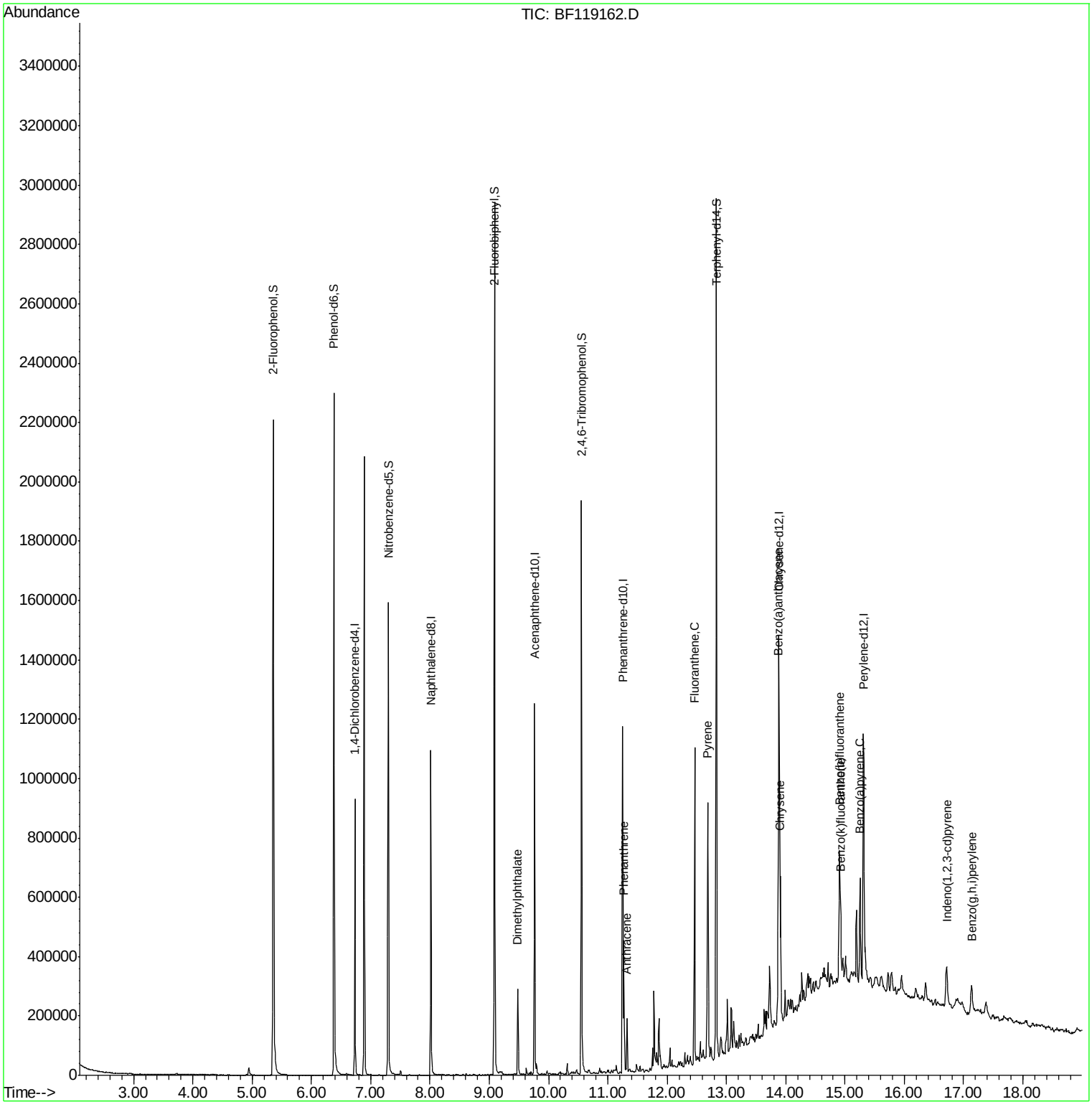
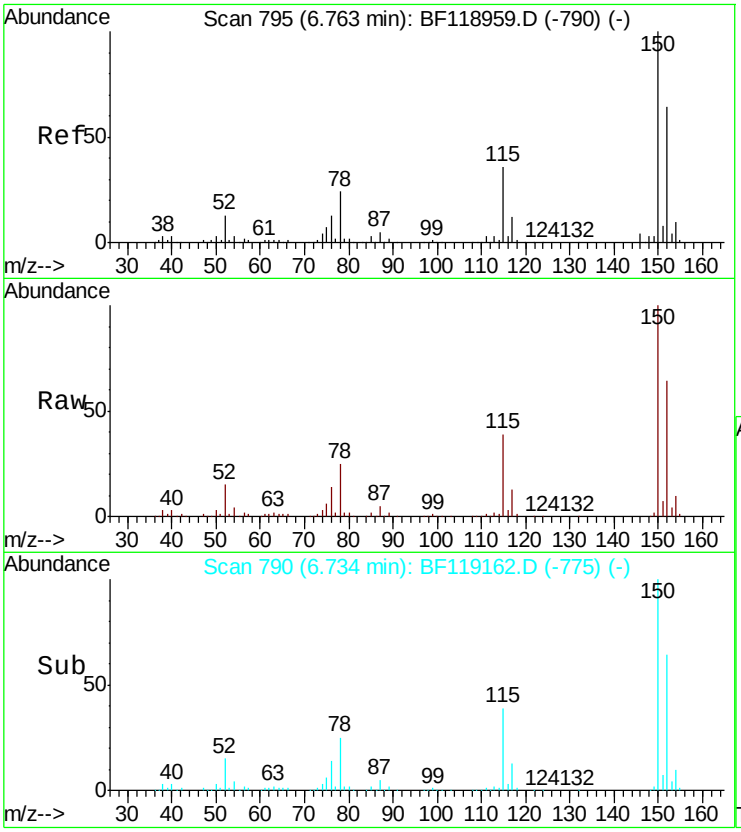
Acq On : 29 Feb 2020 17:00
Operator : CG/JU
Sample : L1696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Quant Time: Mar 02 06:47:50 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



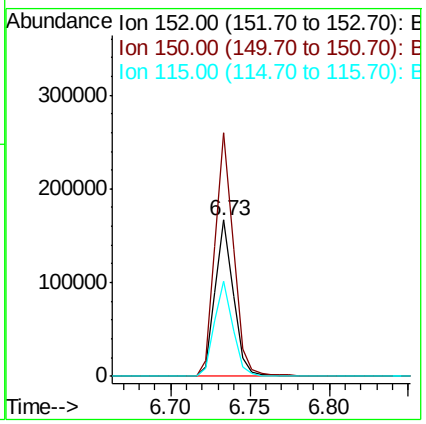


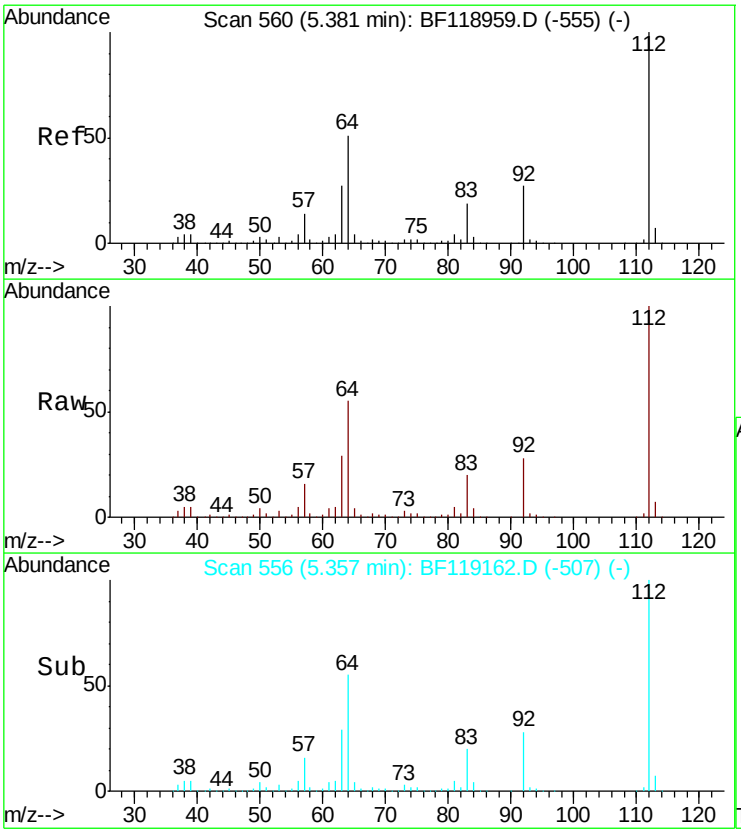
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:152 Resp: 134518

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.6
115	60.5	49.5	74.3

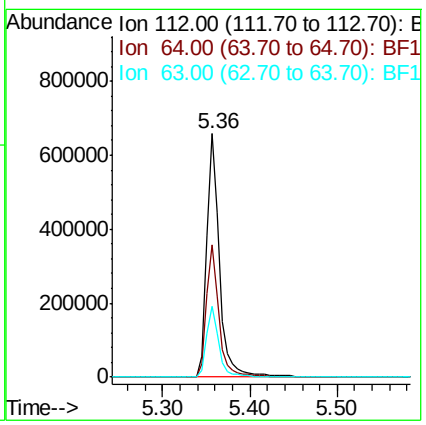


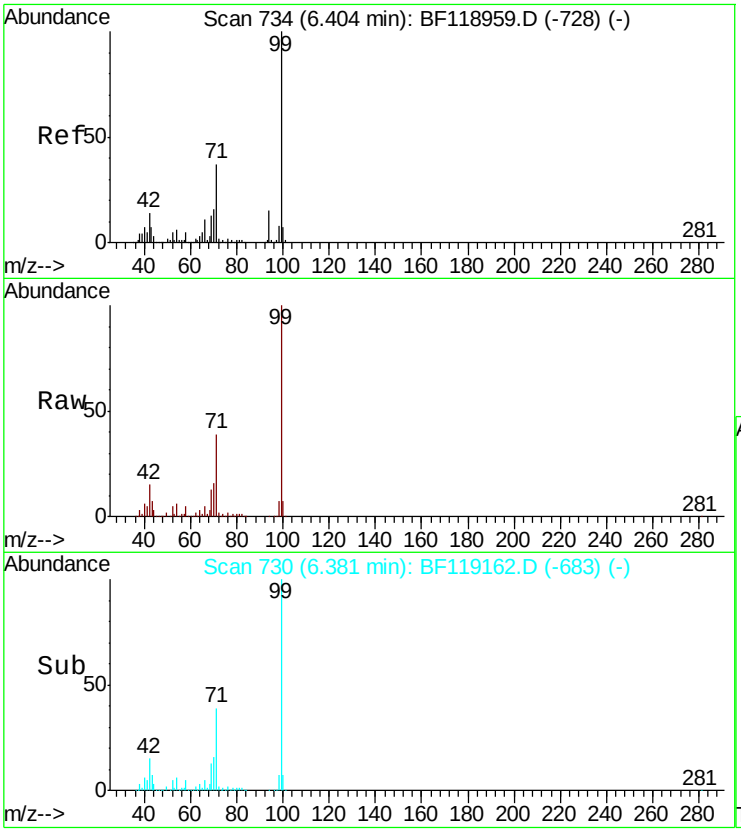


#5
2-Fluorophenol
Concen: 83.345 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:112 Resp: 670865

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.1	24.2	36.4



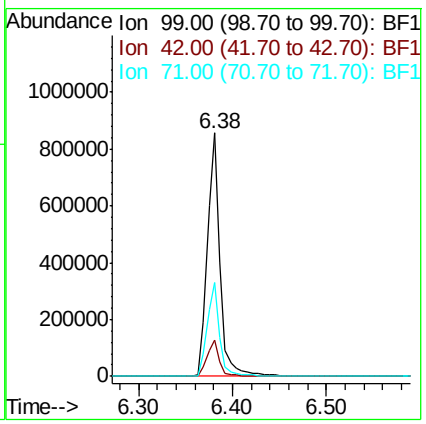


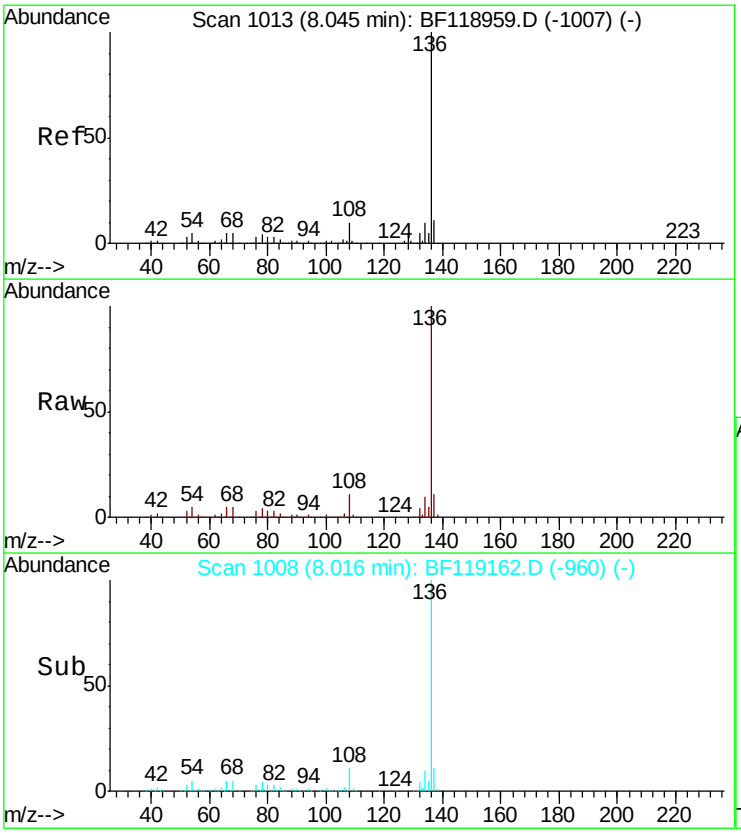
#7
Phenol-d6
Concen: 83.720 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion: 99 Resp: 819568

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	38.6	31.0	46.4

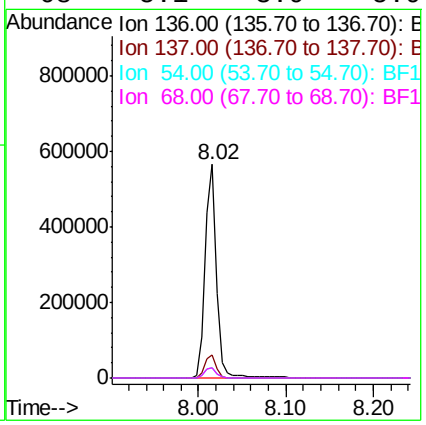


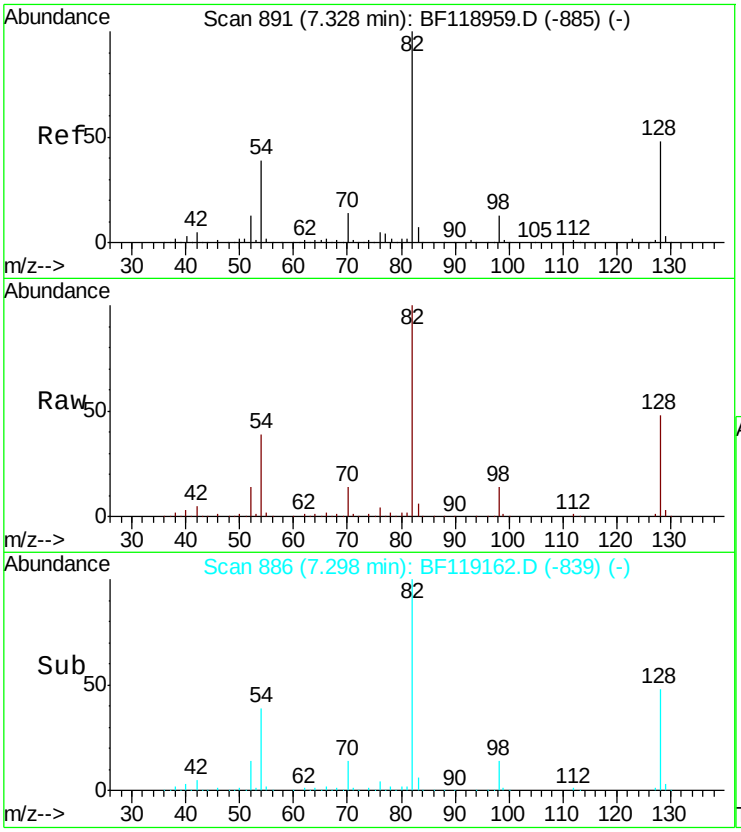


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:136 Resp: 511700

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.7	3.8	5.6
68	5.1	3.9	5.9



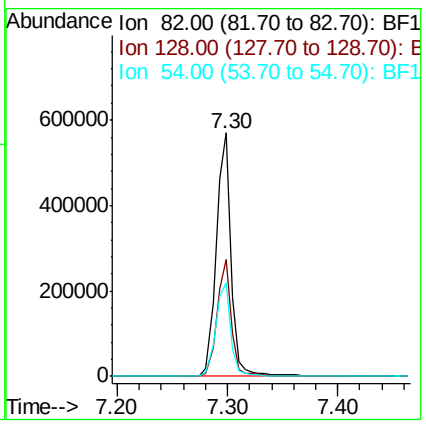


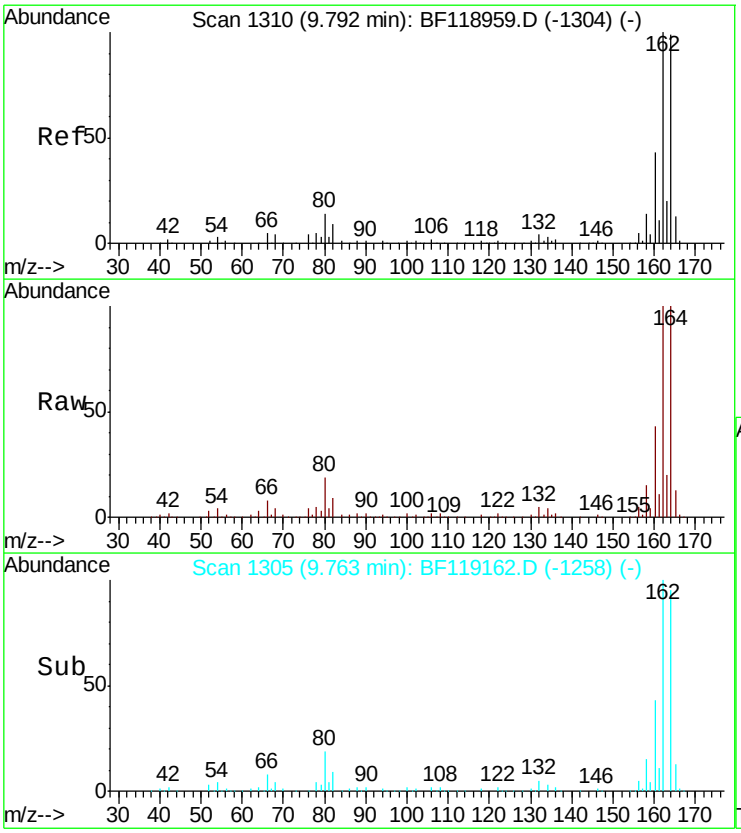
#23
Nitrobenzene-d5
Concen: 55.013 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion: 82 Resp: 533143

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.9	56.9
54	38.7	33.4	50.2

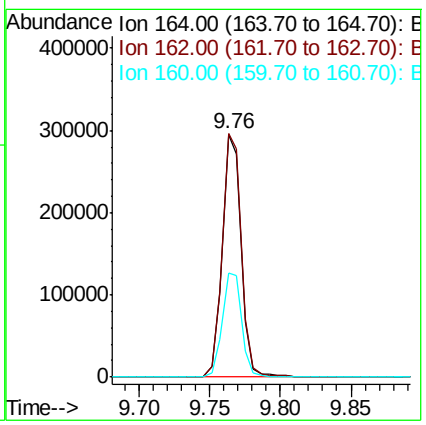


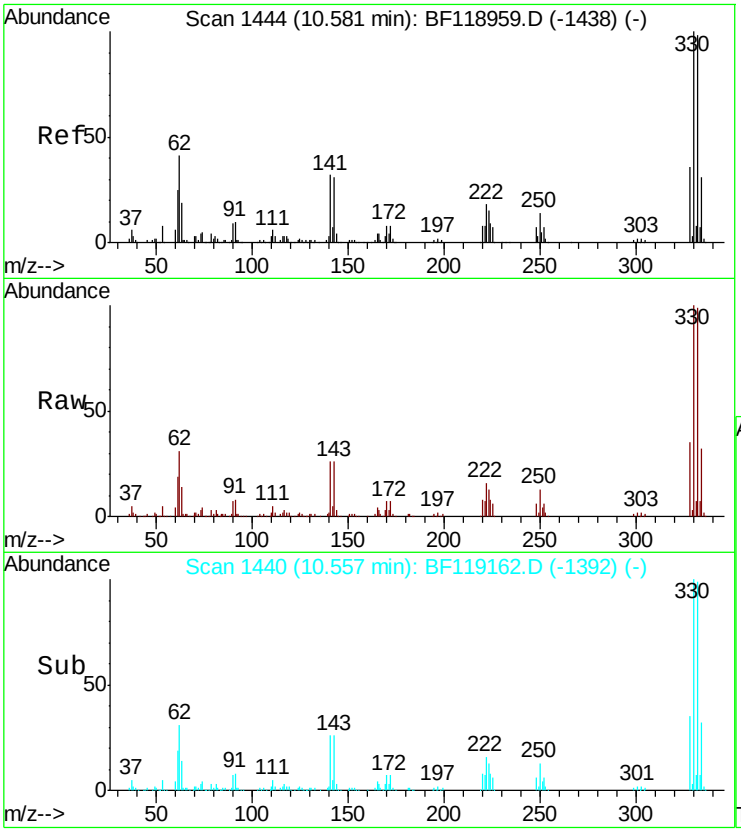


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:164 Resp: 273085

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.8
160	42.8	36.0	54.0



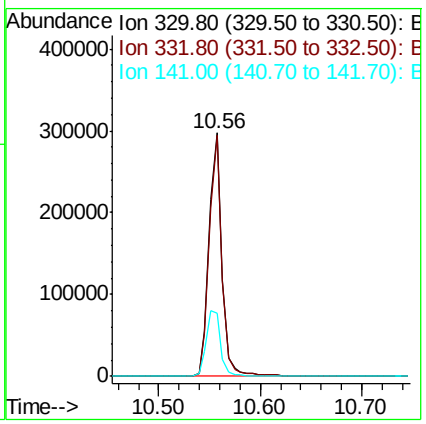


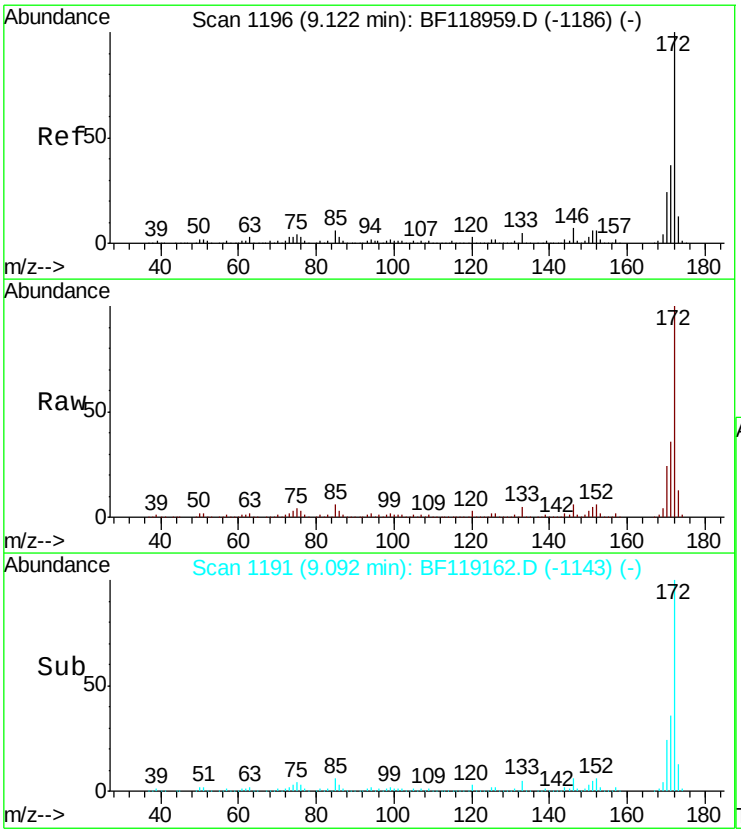
#42
2,4,6-Tribromophenol
Concen: 74.270 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:330 Resp: 265323

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.0	114.0
141	30.1	22.9	34.3

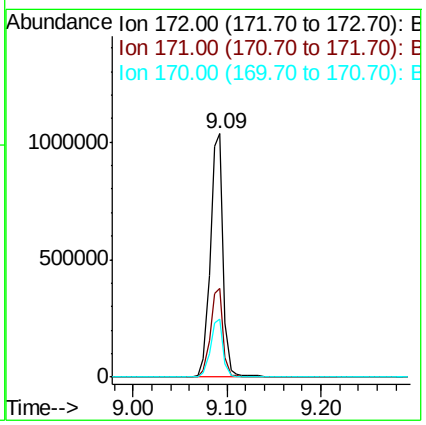


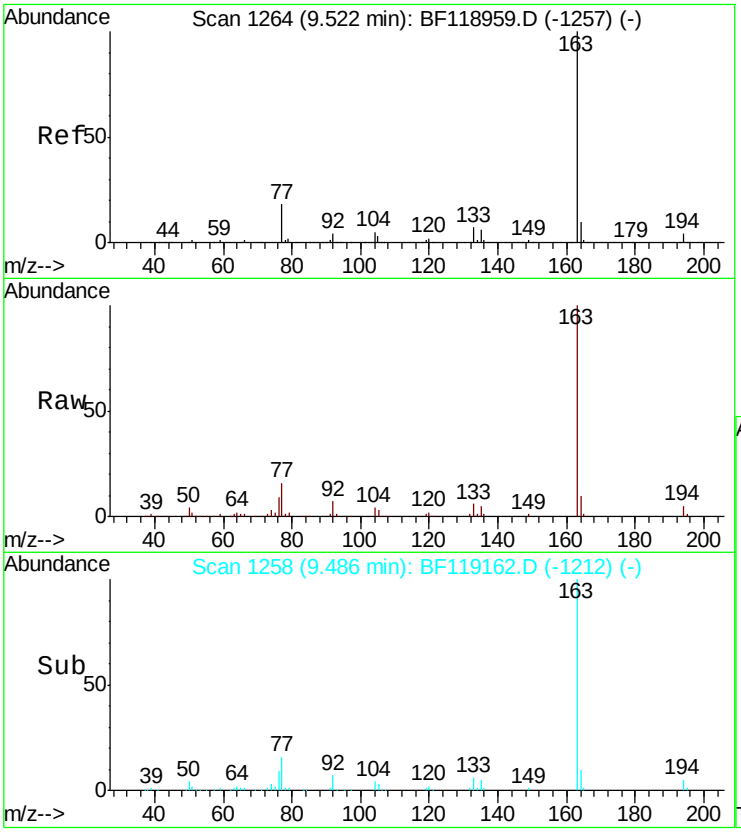


#45
2-Fluorobiphenyl
Concen: 54.489 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:172 Resp: 1010080

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.9	20.2	30.2



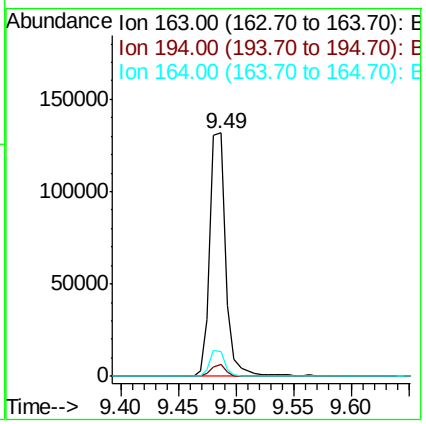


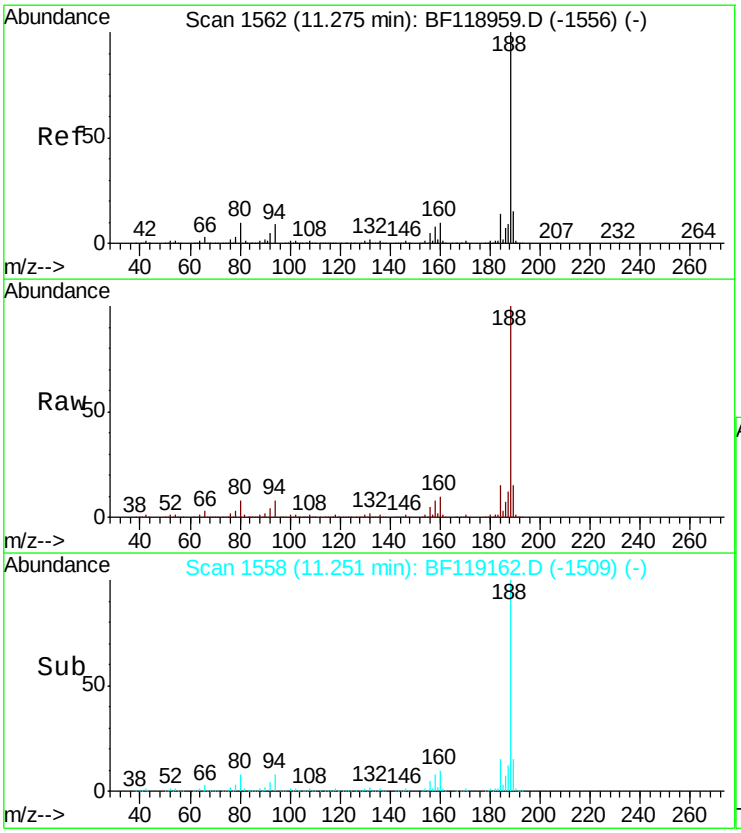
#50
Dimethylphthalate
Concen: 6.072 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:163 Resp: 126787

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.0	8.4	12.6

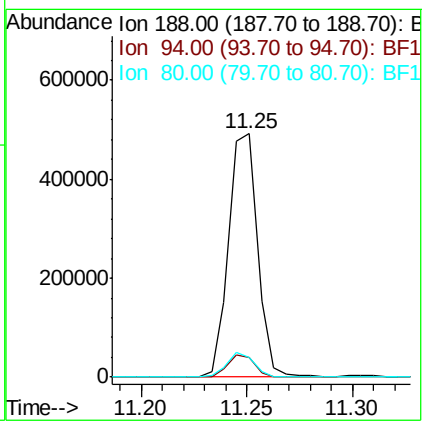


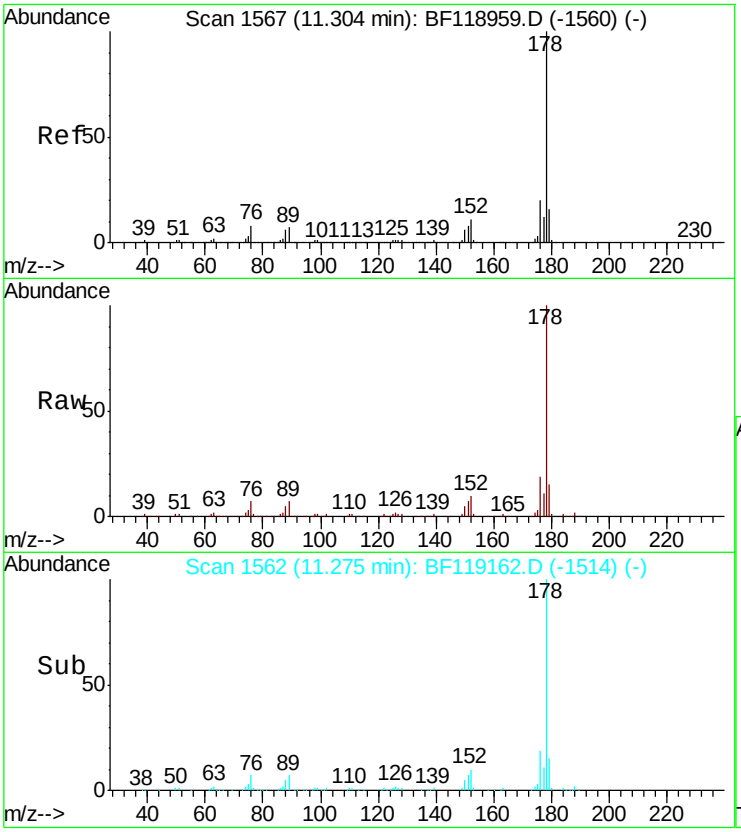


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:188 Resp: 465869

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



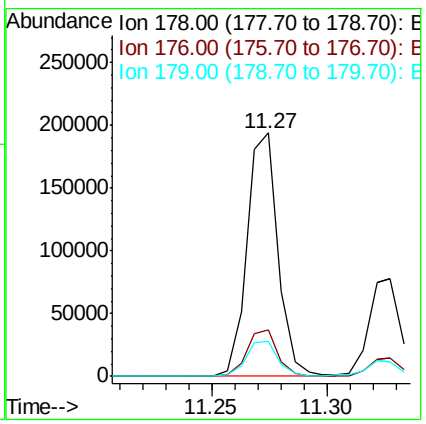


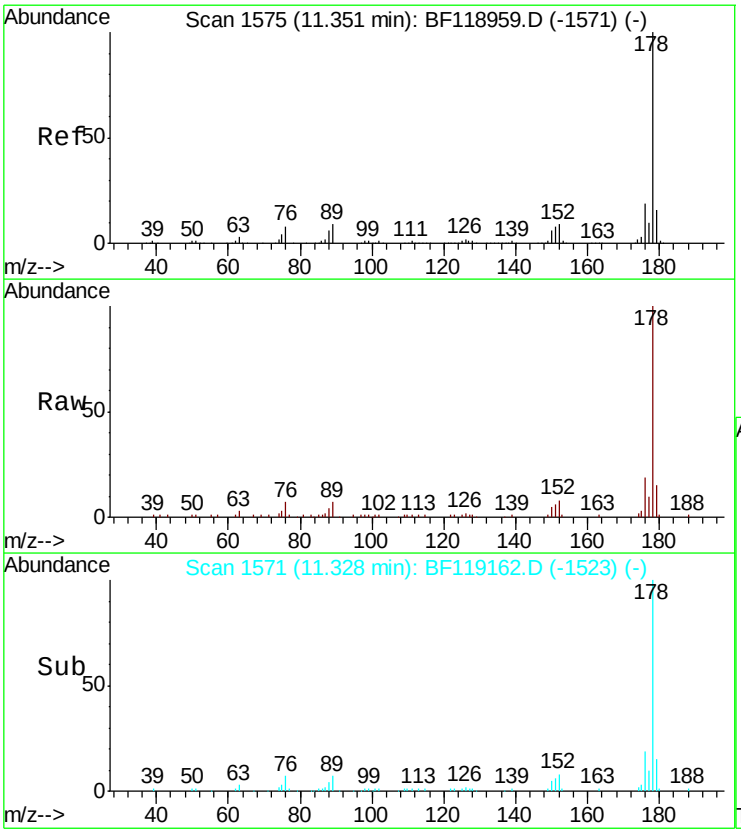
#71
Phenanthrene
Concen: 7.182 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:178 Resp: 182474

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.5	24.7
179	14.6	13.0	19.6

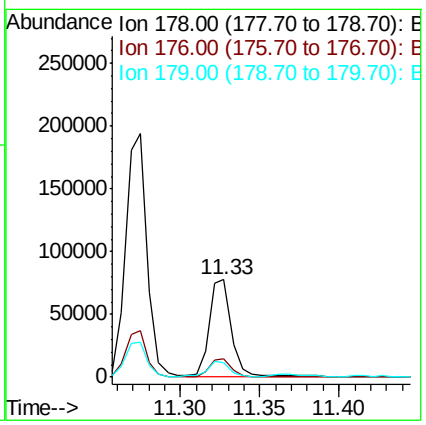


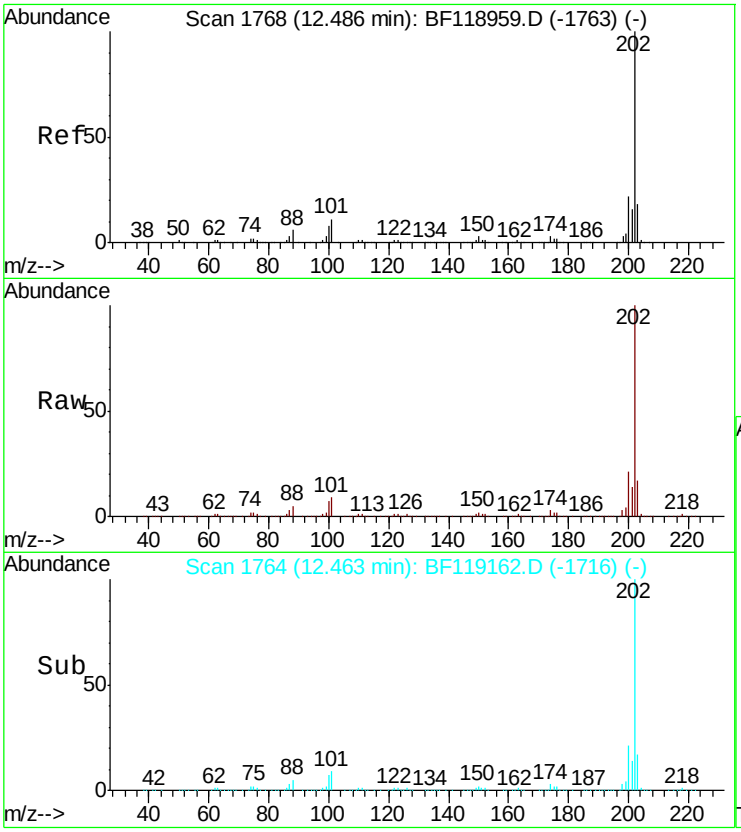


#72
Anthracene
Concen: 2.995 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:178 Resp: 76039

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	14.8	13.1	19.7



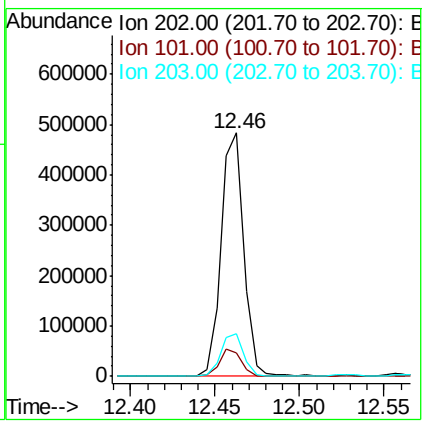


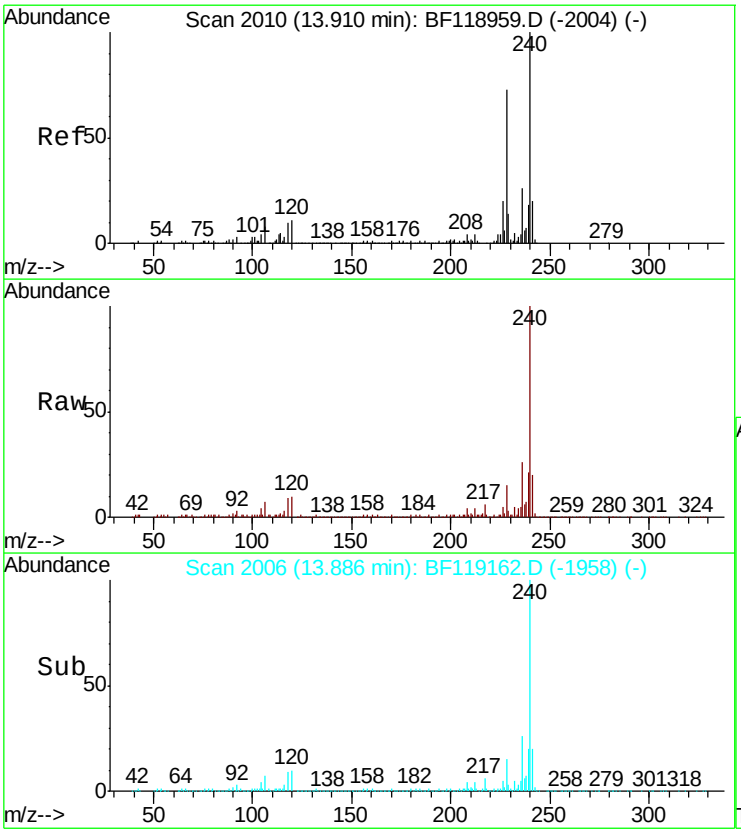
#75
Fluoranthene
Concen: 16.776 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:202 Resp: 452409

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	17.3	0.0	38.4

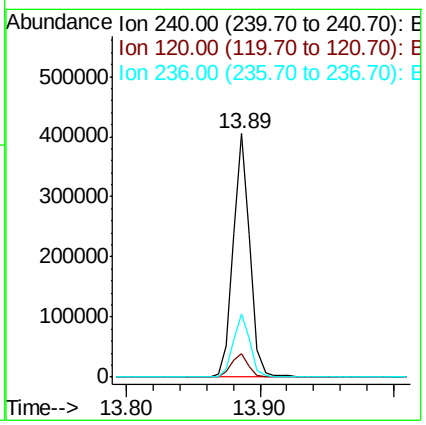


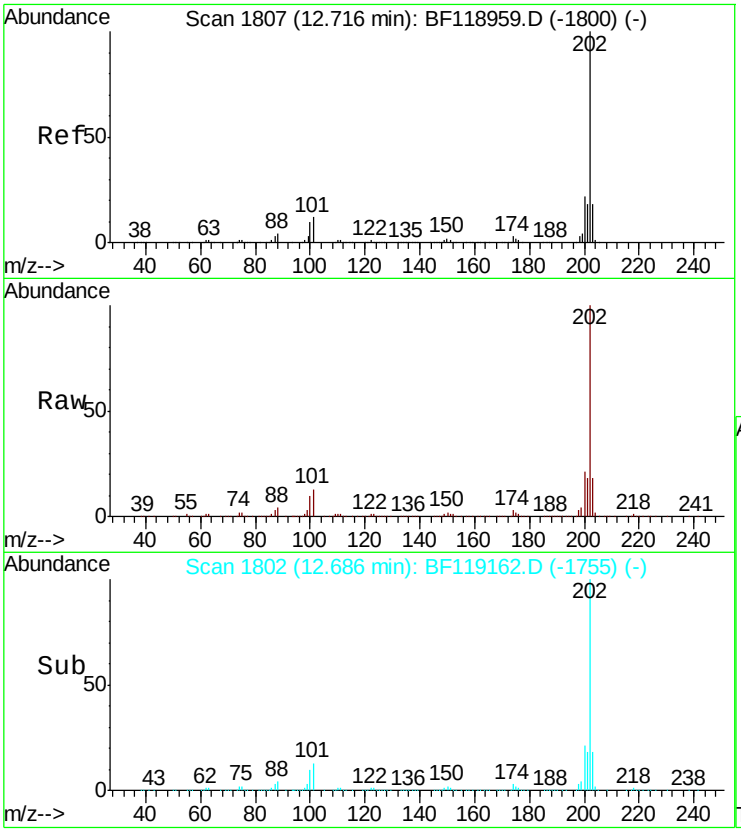


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:240 Resp: 351904

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.8	21.0	31.4



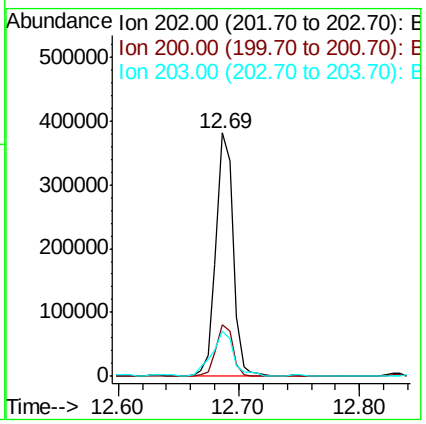


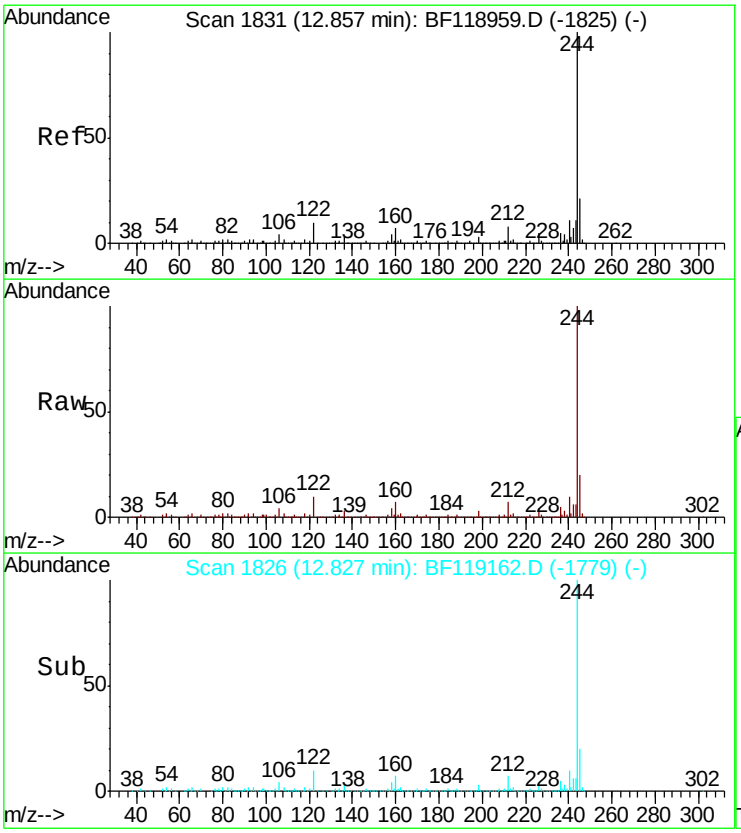
#78
Pyrene
Concen: 13.221 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:202 Resp: 373596

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	18.3	14.6	22.0

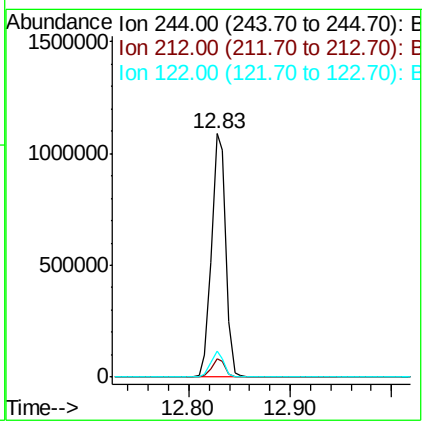


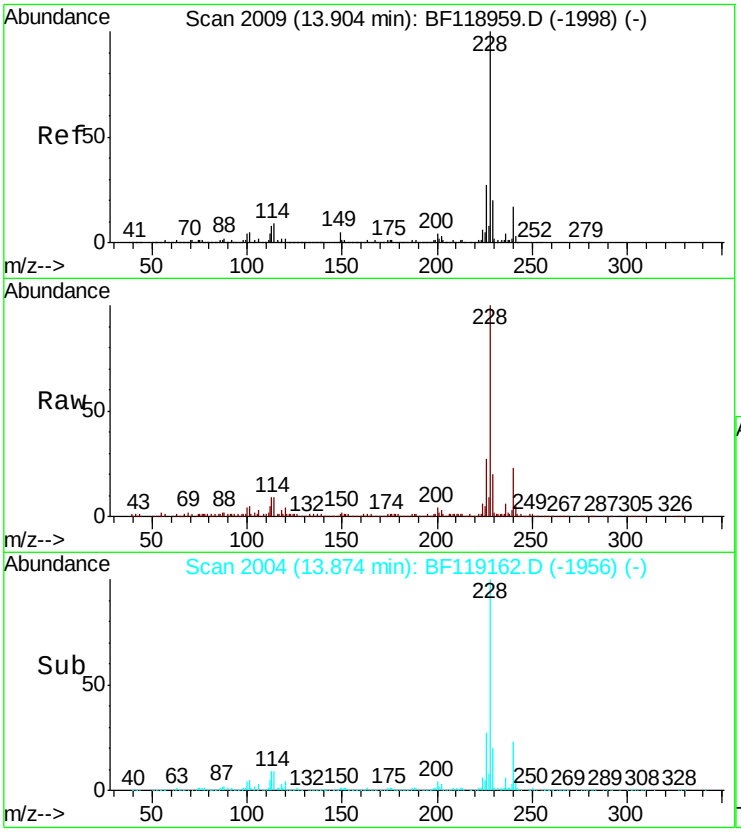


#79
Terphenyl-d14
Concen: 52.136 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:244 Resp: 1065650

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.4	8.2	12.2



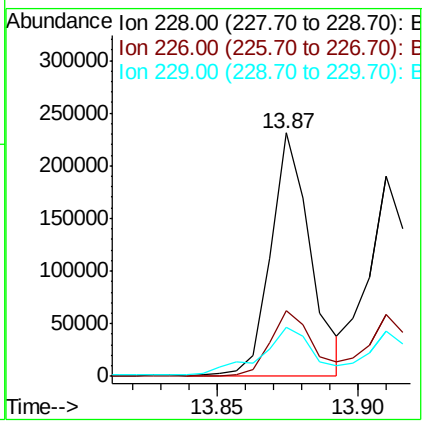


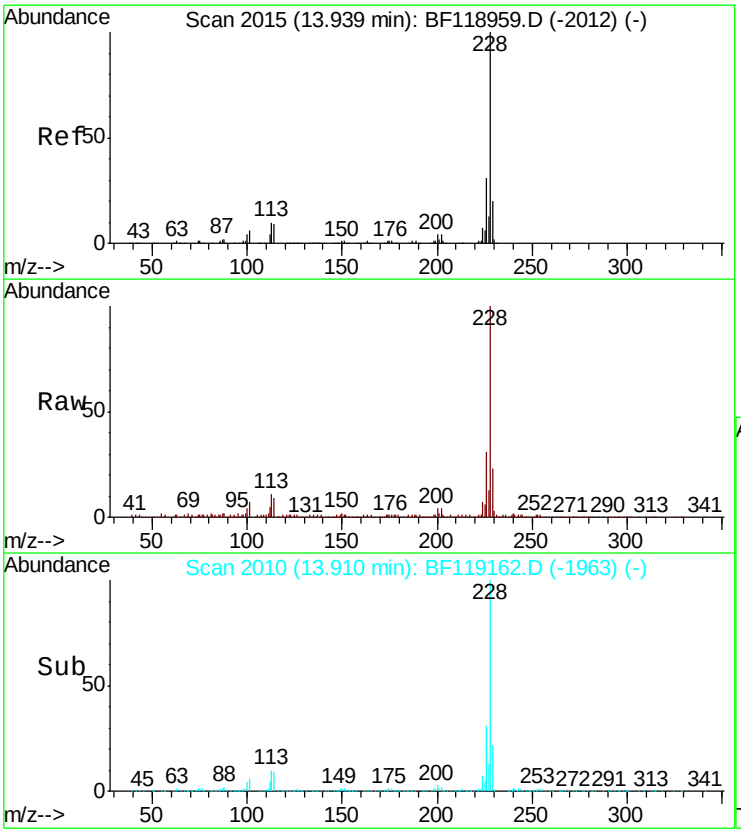
#81
Benzo(a)anthracene
Concen: 9.295 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:228 Resp: 222878

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.3	16.6	24.8

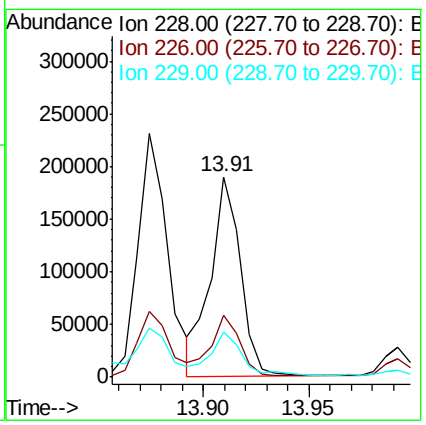


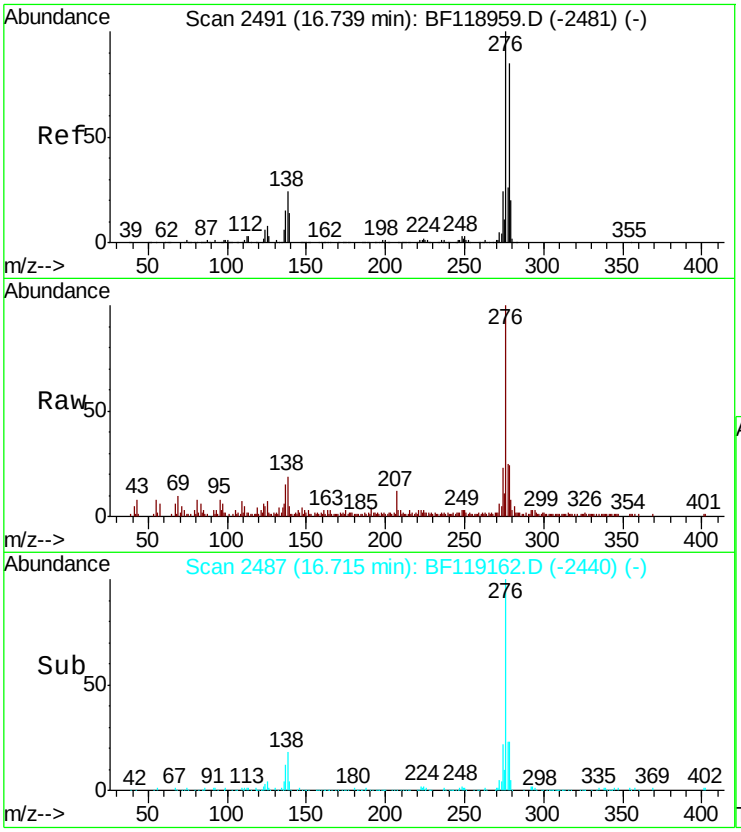


#83
Chrysene
Concen: 7.831 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:228 Resp: 187093

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	22.8	16.3	24.5



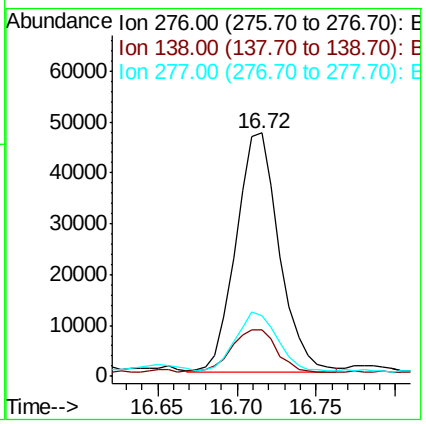


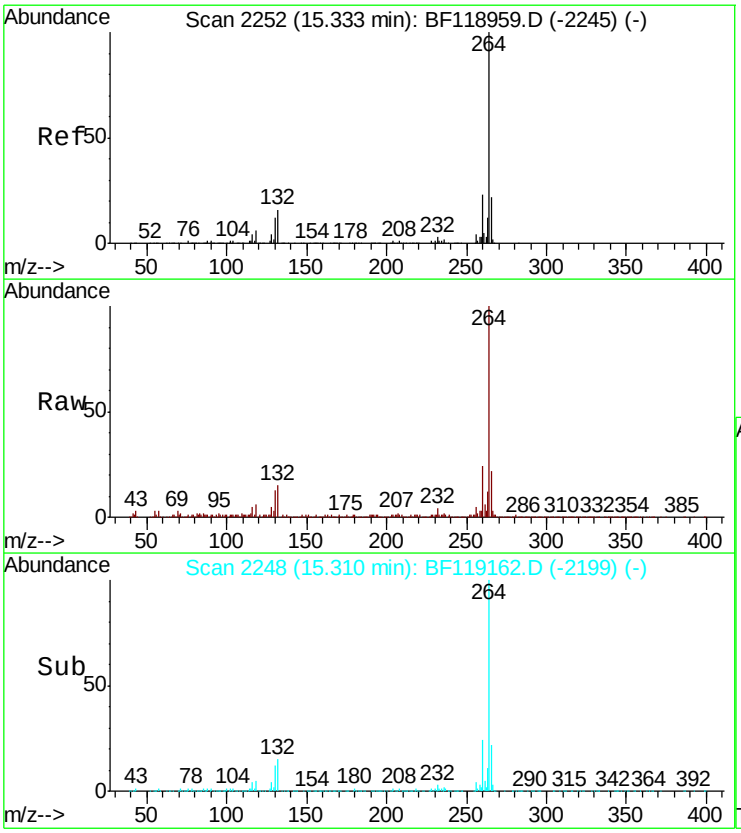
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.877 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:276 Resp: 89682

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.4	26.0
277	23.1	20.3	30.5

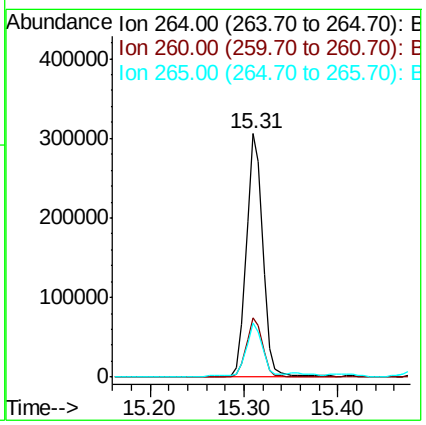


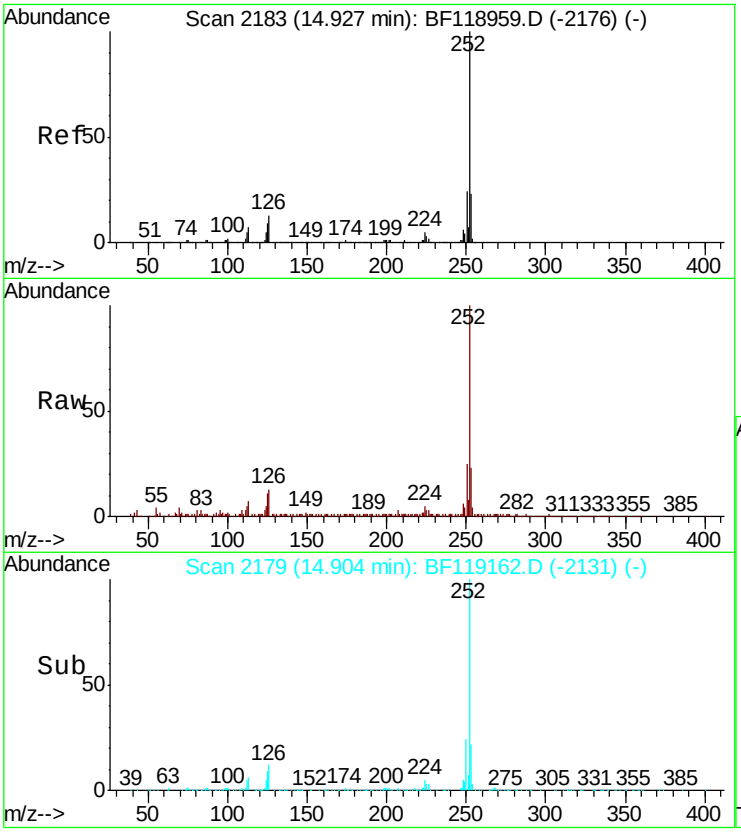


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:264 Resp: 368491

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.7	26.5



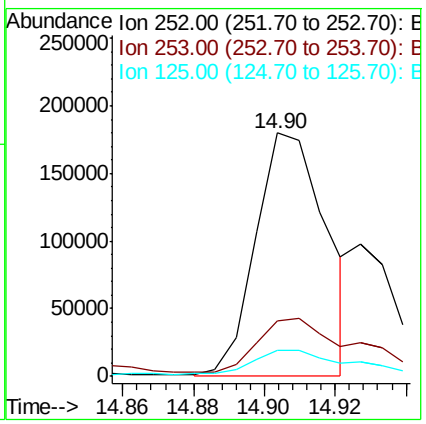


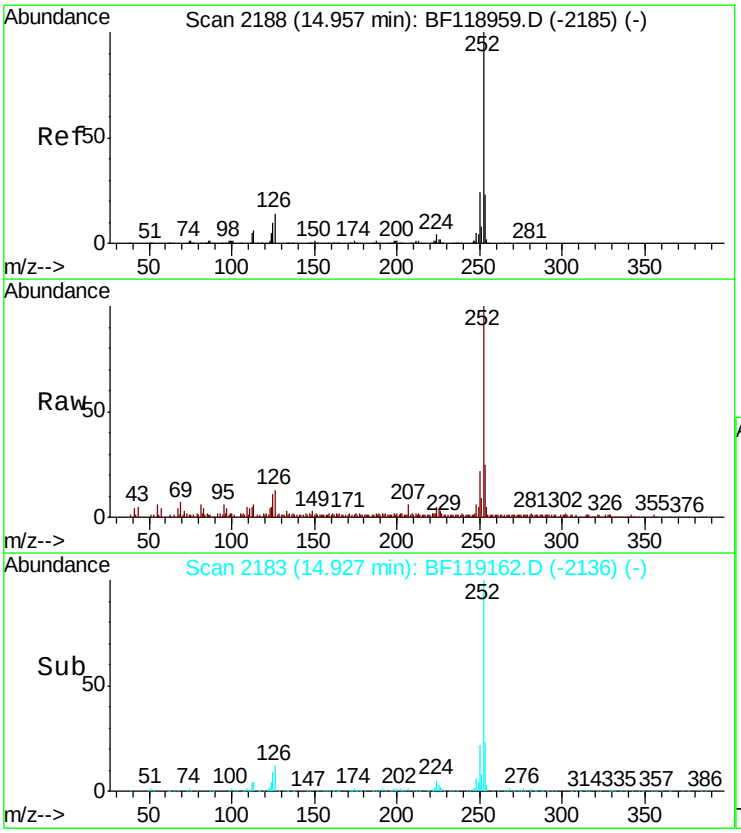
#88
Benzo(b)fluoranthene
Concen: 10.245 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:252 Resp: 248846

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.5	7.4	11.0

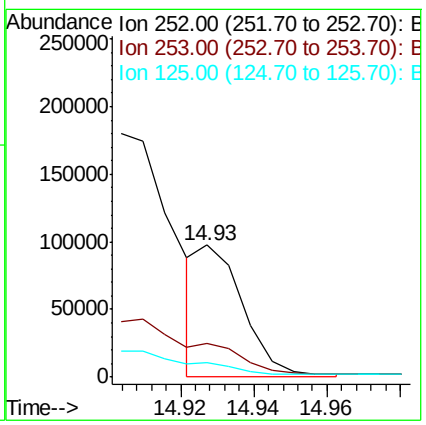


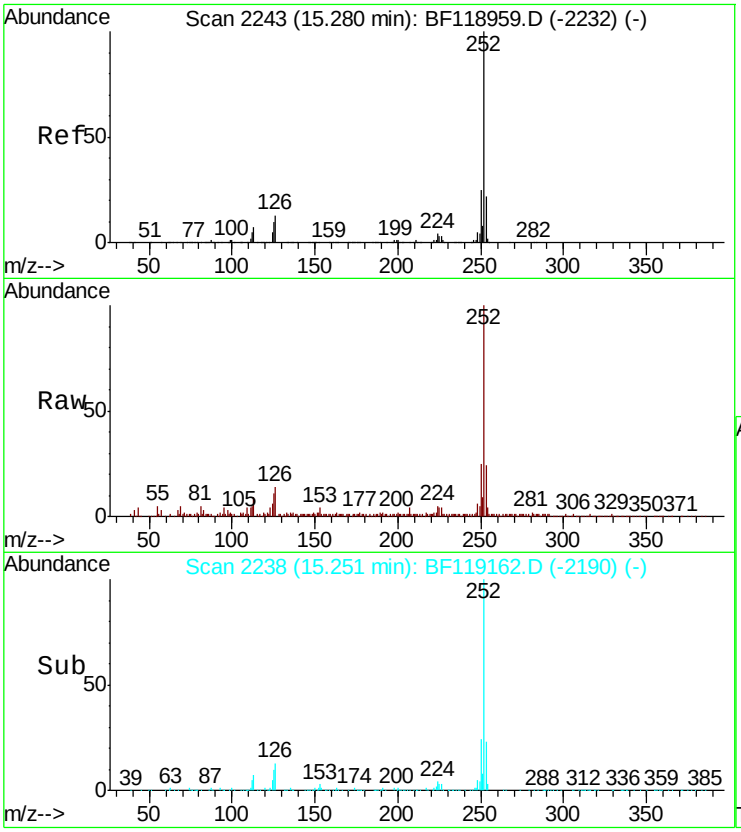


#89
Benzo(k)fluoranthene
Concen: 3.761 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:252 Resp: 84667

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	11.0	7.5	11.3



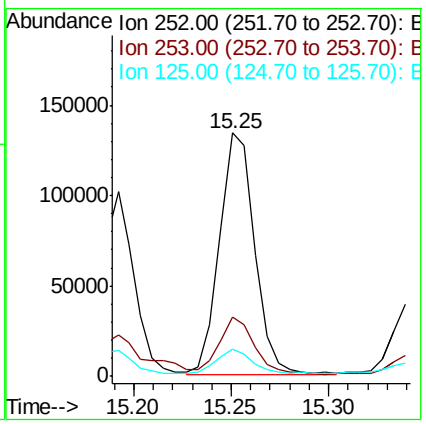


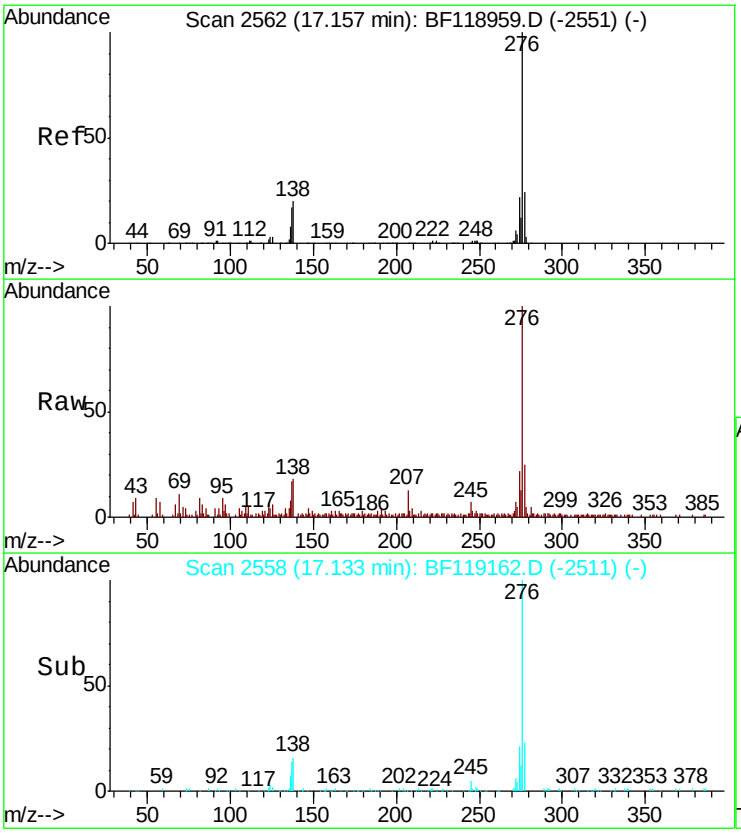
#90
Benzo(a)pyrene
Concen: 7.611 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tgt Ion:252 Resp: 166850

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	11.1	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 4.273 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BF119162.D
Acq: 29 Feb 2020 17:00

Tgt Ion:276 Resp: 81442

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.7	28.1
138	18.3	14.3	21.5