Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114910.D
Acq On : 8 Jun 2019 00:32
Operator : HP/JU
Sample : K3247-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-041-A

Quant Time: Jun 08 06:47:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	368802	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1378844	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	637549	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	1048943	20.00	ng	-0.01
76) Chrysene-d12	13.78	240	700140	20.00	ng	-0.01
87) Perylene-d12	15.16	264	686051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1881093	89.12	ng	0.01
7) Phenol-d6	6.31	99	2299341	89.53	ng	0.00
23) Nitrobenzene-d5	7.22	82	1403136	62.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	551133	80.22	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2486224	73.05	ng	-0.01
79) Terphenyl-d14	12.74	244	1984806	55.13	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.41	163	335056	7.196	ng	97
71) Phenanthrene	11.18	178	317634	6.343	ng	95
75) Fluoranthene	12.36	202	462349	8.871	ng	94
78) Pyrene	12.59	202	414282	6.821	ng	96
81) Benzo(a)anthracene	13.77	228	210411	3.900	ng	99
83) Chrysene	13.80	228	215027	4.097	ng	97
88) Benzo(b)fluoranthene	14.77	252	252773m	5.788	ng	
89) Benzo(k)fluoranthene	14.79	252	92947m	2.506	ng	
90) Benzo(a)pyrene	15.10	252	164827	4.360	ng	97
92) Benzo(g,h,i)perylene	16.84	276	88380	2.455	ng	96

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

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BNA_F
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FK-GF-02-041-A

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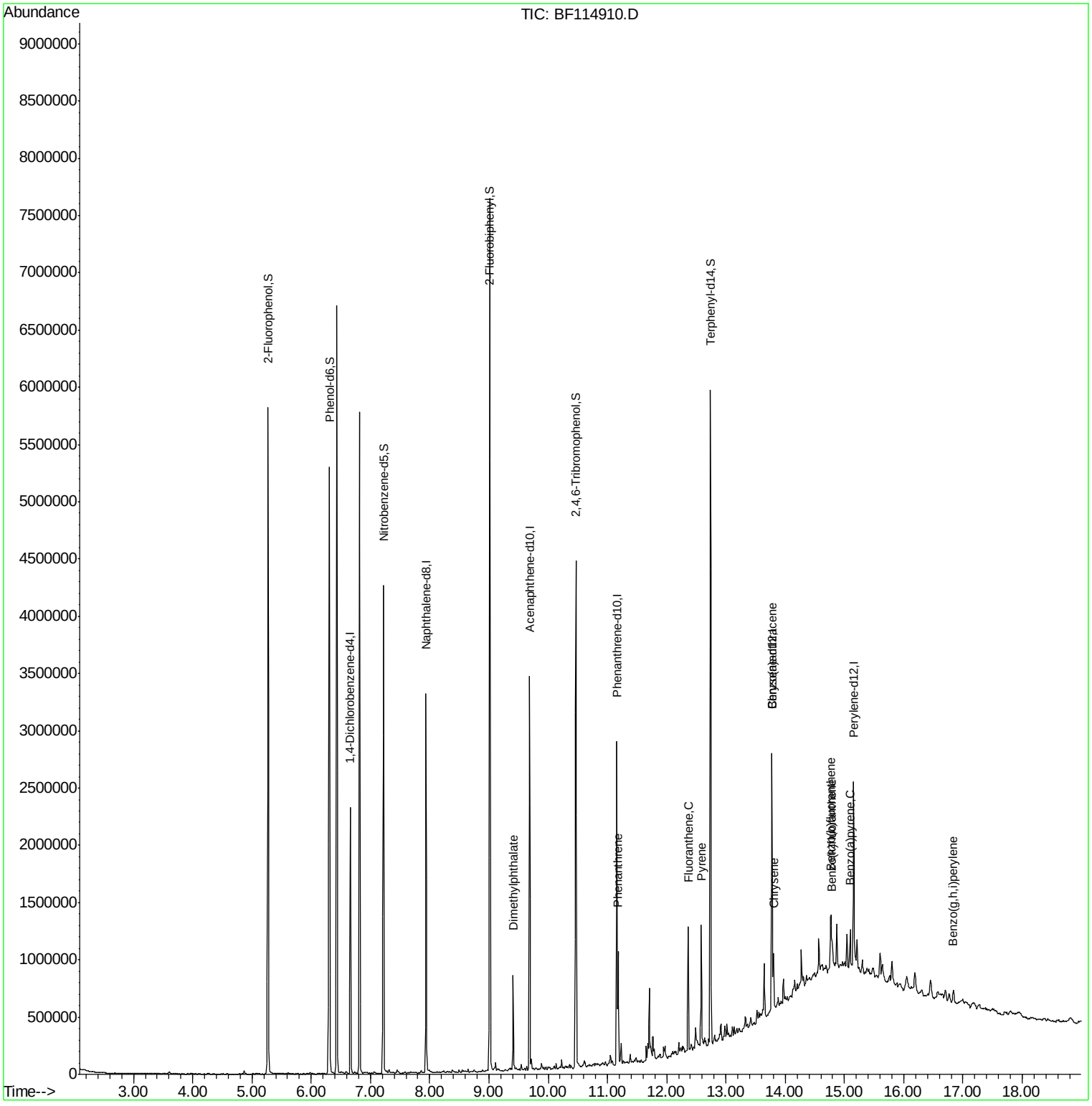
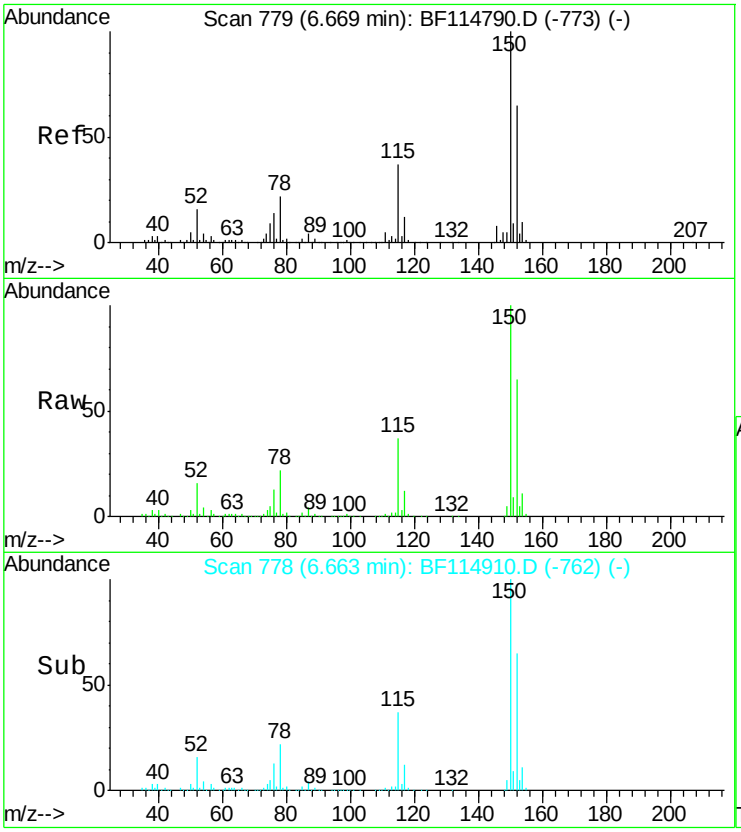


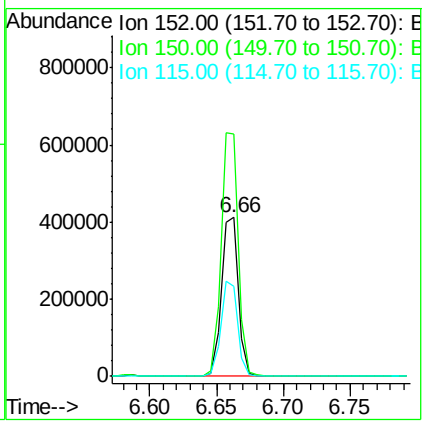


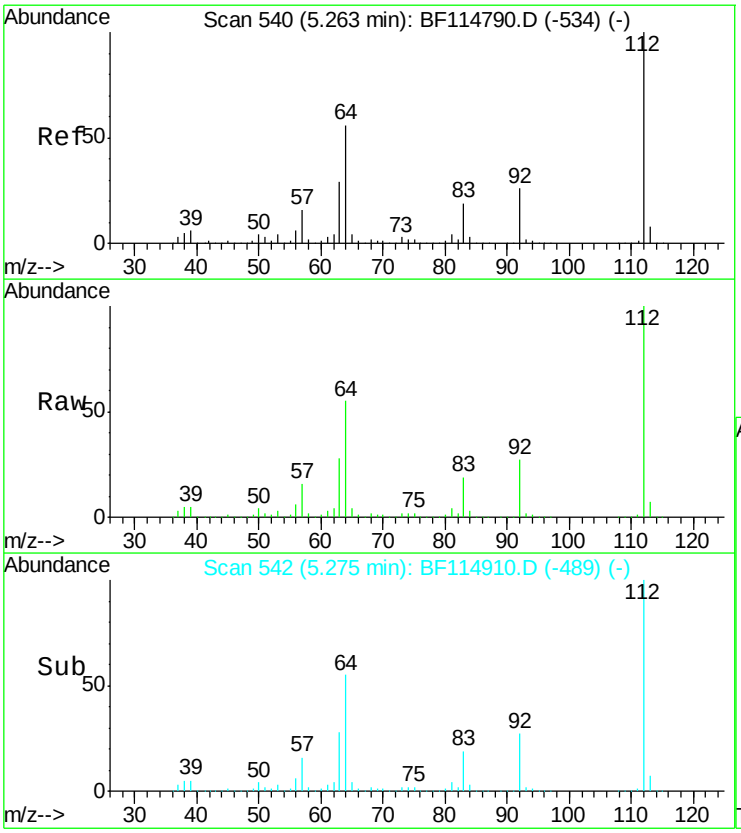
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:152 Resp: 368802

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.0	186.0
115	56.8	46.3	69.5

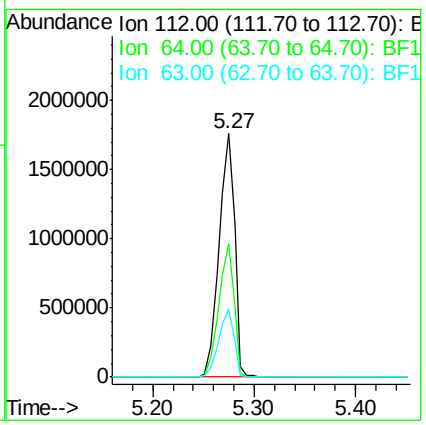


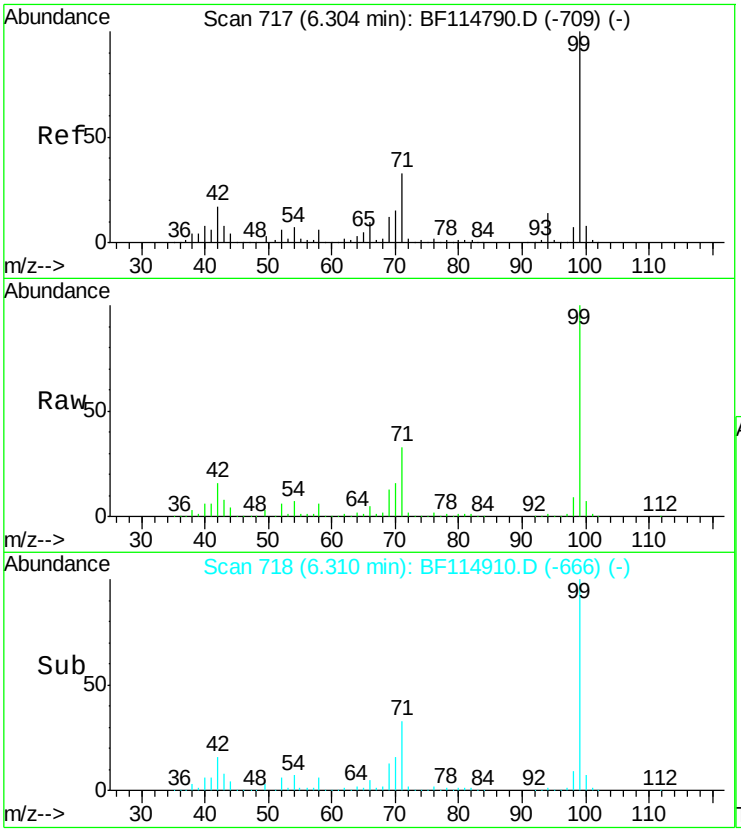


#5
2-Fluorophenol
Concen: 89.125 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:112 Resp: 1881093

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.6	66.8
63	28.0	23.0	34.4



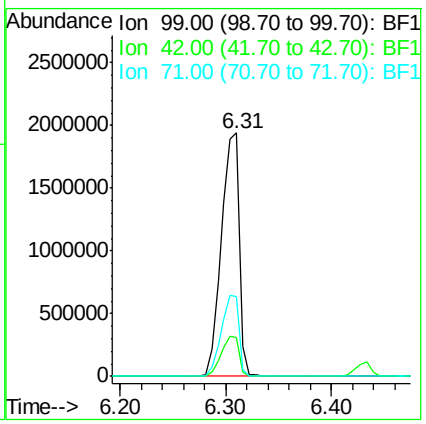


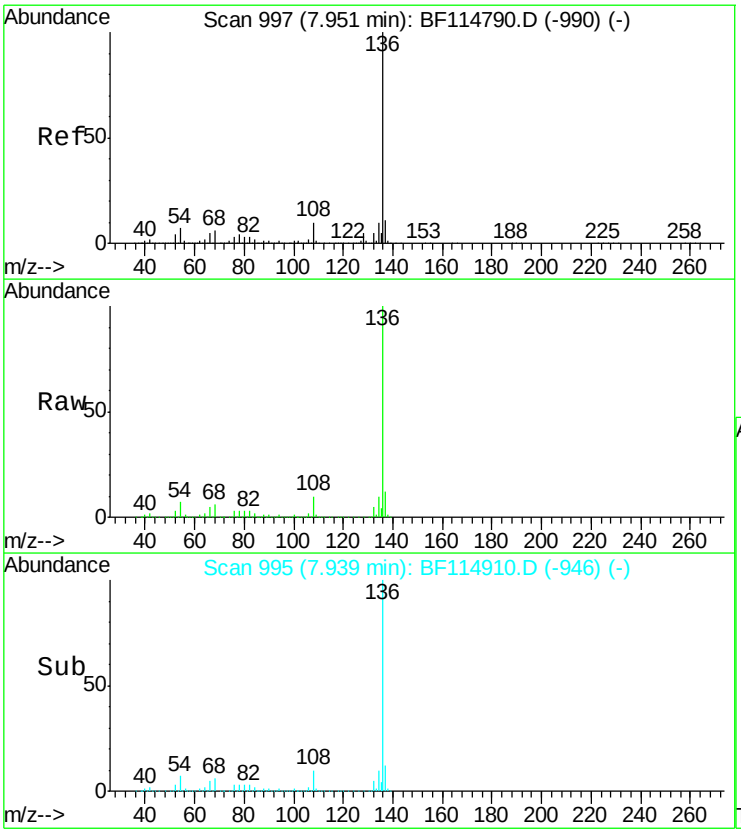
#7
Phenol-d6
Concen: 89.530 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion: 99 Resp: 2299341

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.3	19.9
71	33.0	26.3	39.5

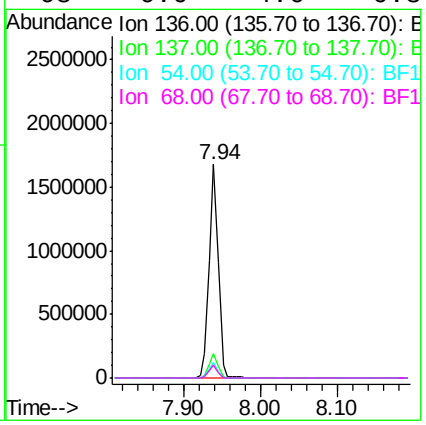


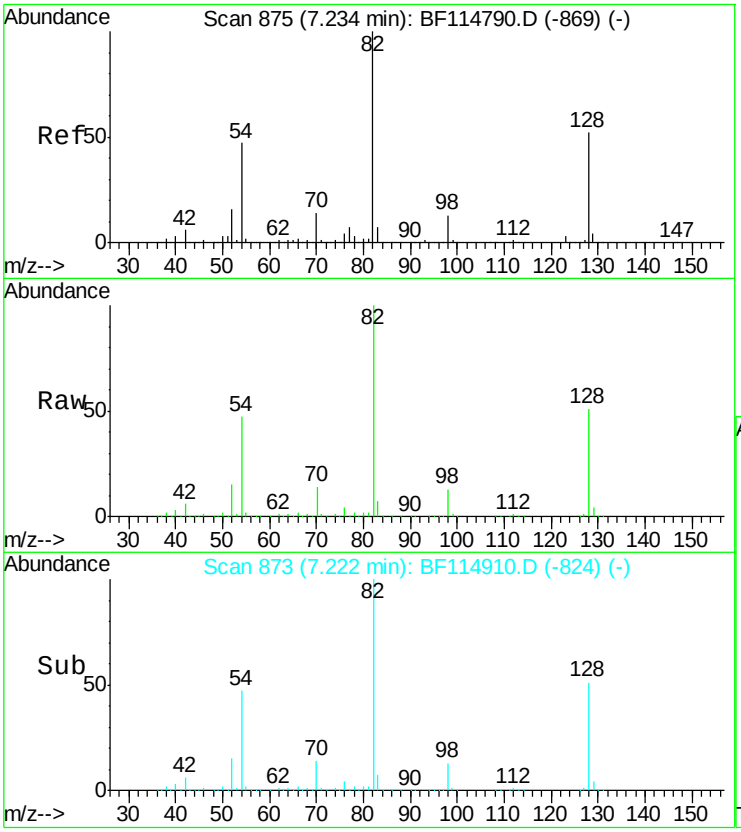


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:136 Resp: 1378844

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	6.9	5.4	8.0
68	6.0	4.6	6.8



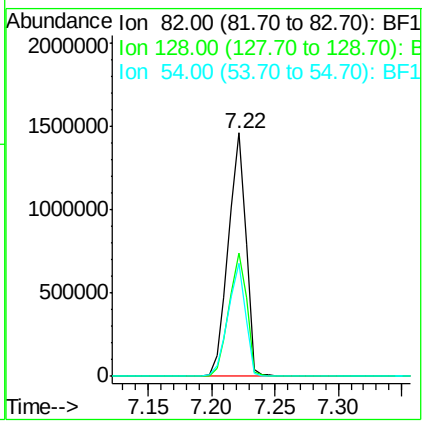


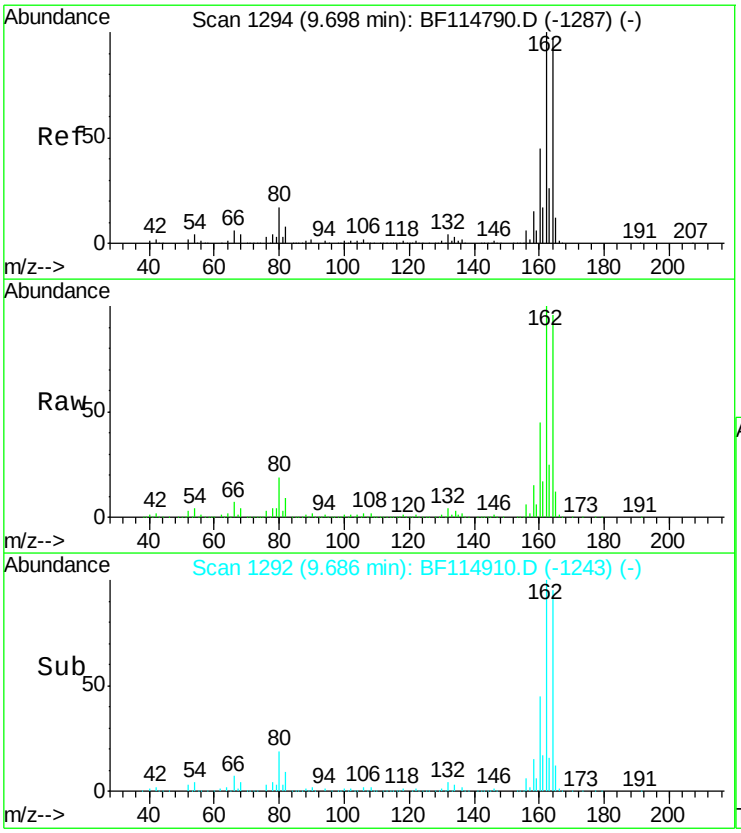
#23
Nitrobenzene-d5
Concen: 62.643 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion: 82 Resp: 1403136

Ion	Ratio	Lower	Upper
82	100		
128	50.7	41.8	62.6
54	46.6	37.9	56.9

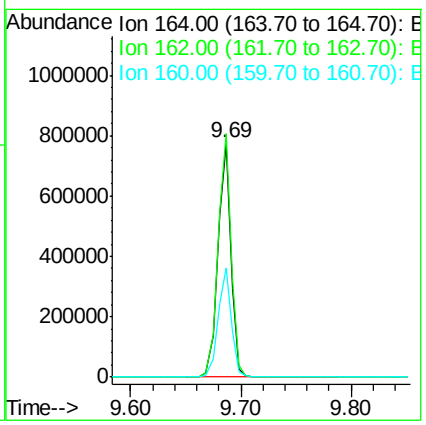


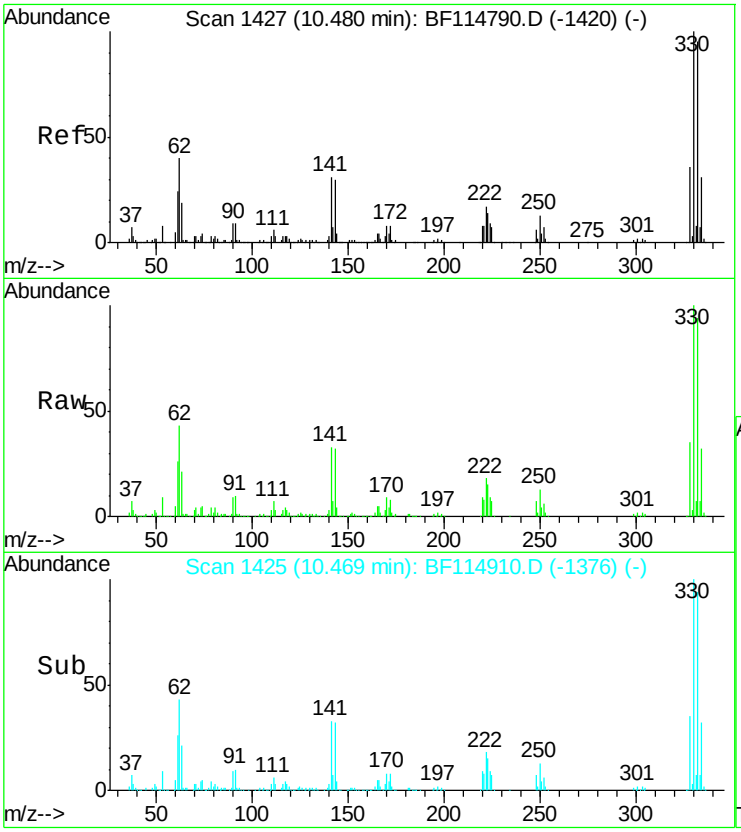


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:164 Resp: 637549

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.3	123.5
160	46.5	36.7	55.1



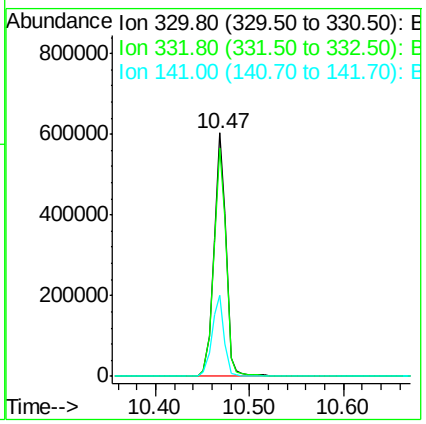


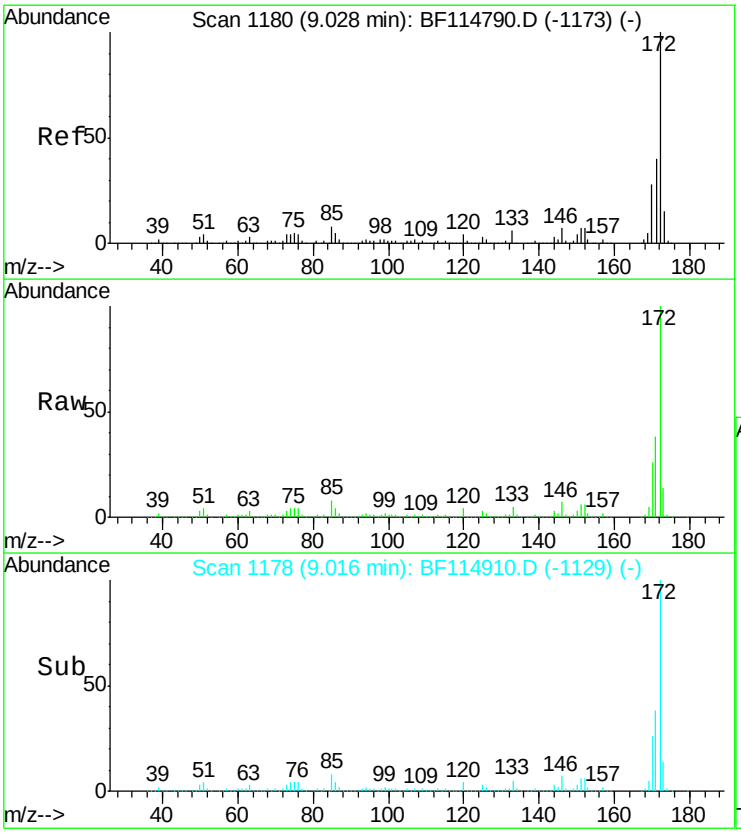
#42
2,4,6-Tribromophenol
Concen: 80.216 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:330 Resp: 551133

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	33.6	26.2	39.4

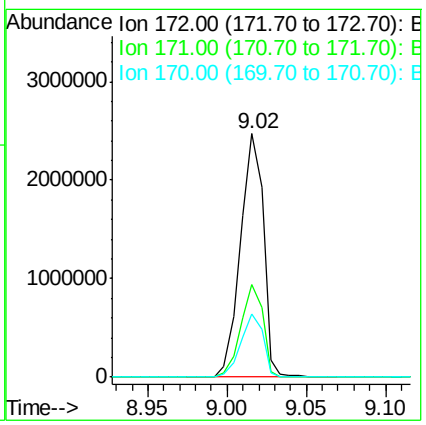


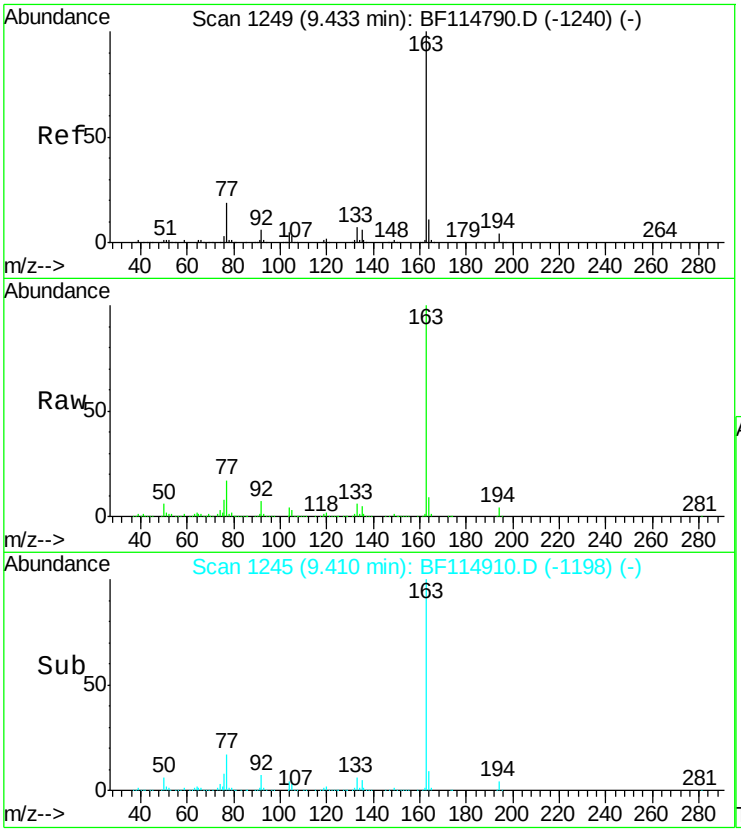


#45
2-Fluorobiphenyl
Concen: 73.051 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:172 Resp: 2486224

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.3	48.5
170	25.7	22.4	33.6



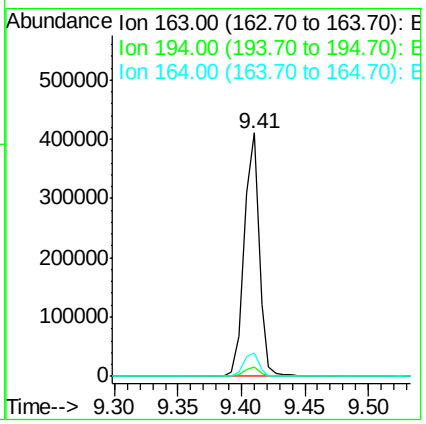


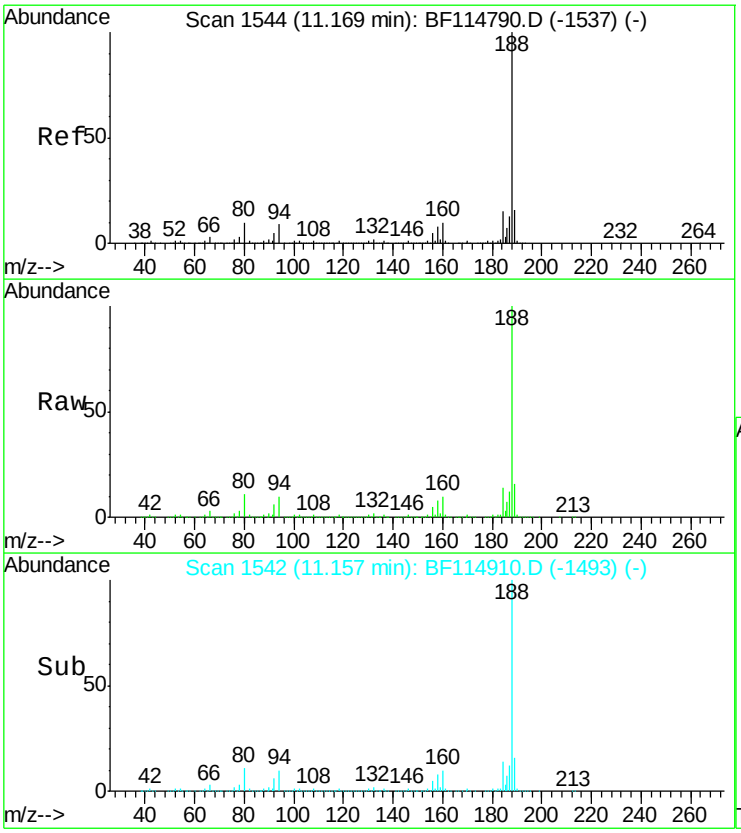
#50
Dimethylphthalate
Concen: 7.196 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:163 Resp: 335056

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.4	8.6	13.0

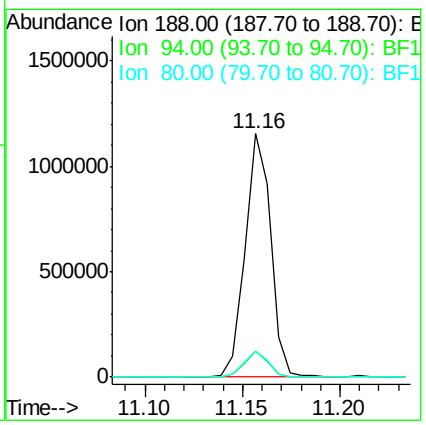


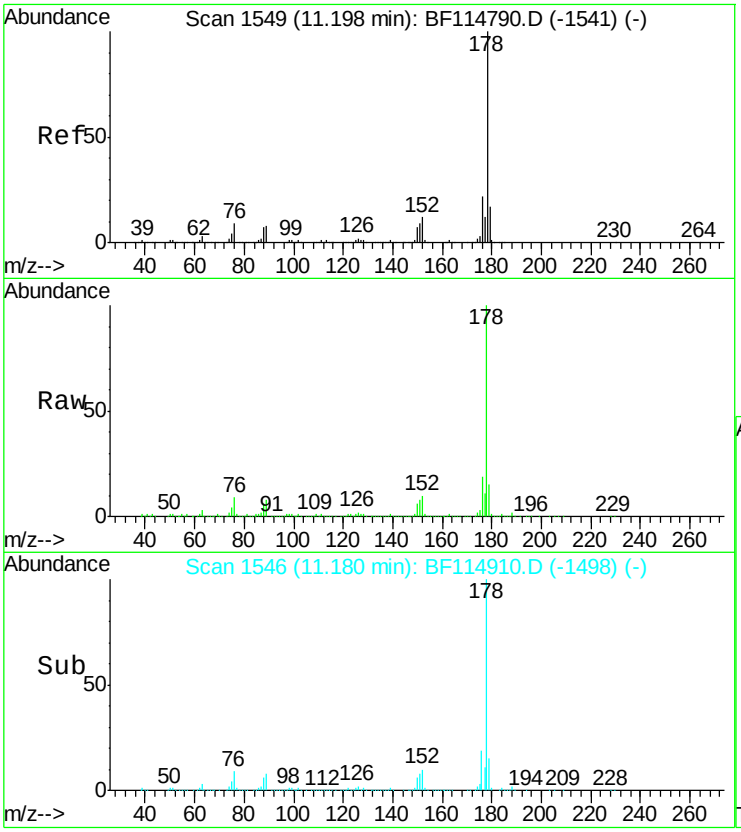


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:188 Resp: 1048943

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.6	11.4
80	10.7	8.3	12.5



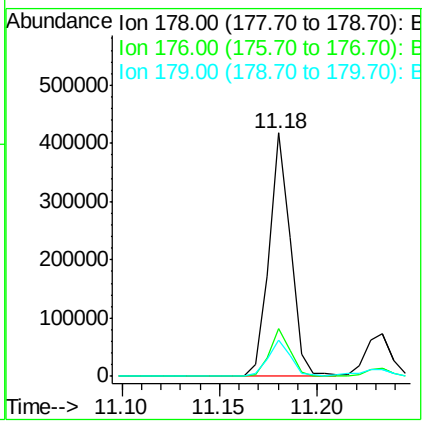


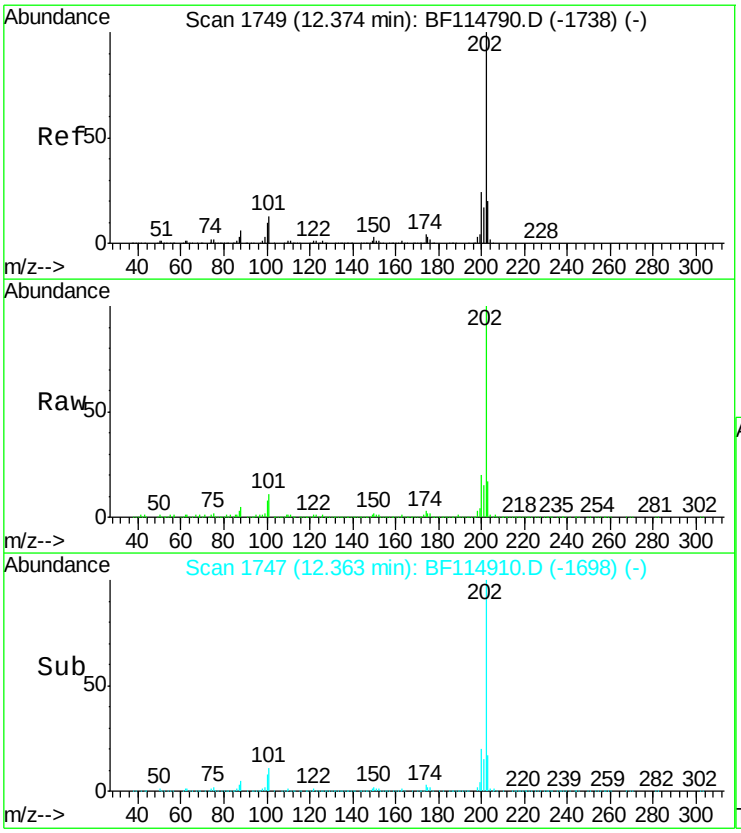
#71
Phenanthrene
Concen: 6.343 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:178 Resp: 317634

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.7	26.5
179	15.1	13.7	20.5

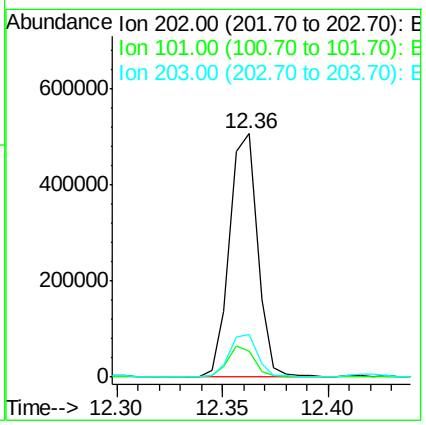


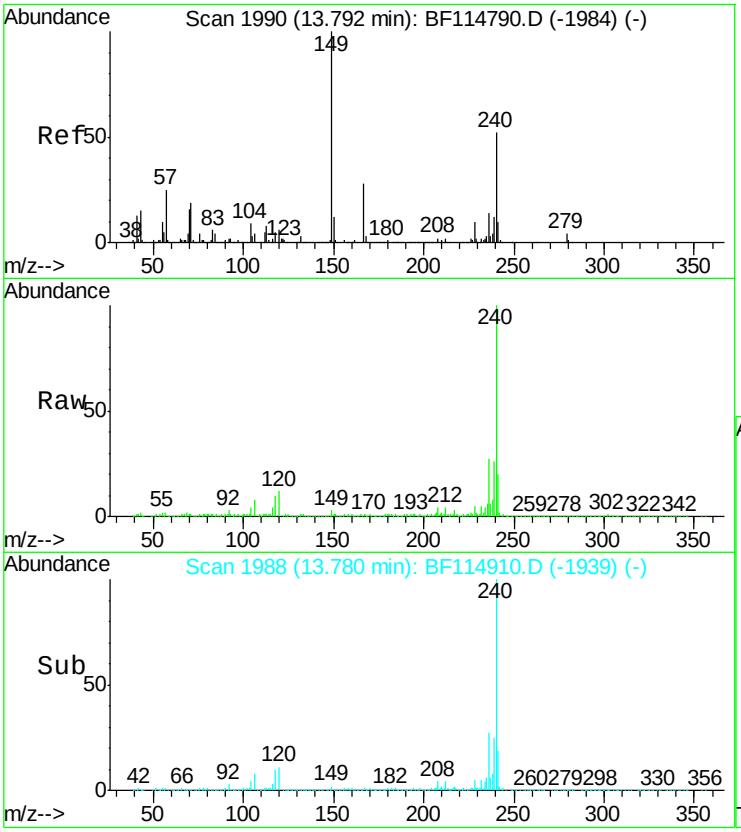


#75
Fluoranthene
Concen: 8.871 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:202 Resp: 462349

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.8
203	17.4	0.2	40.2



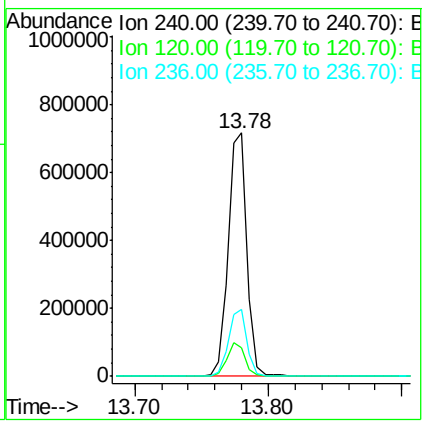


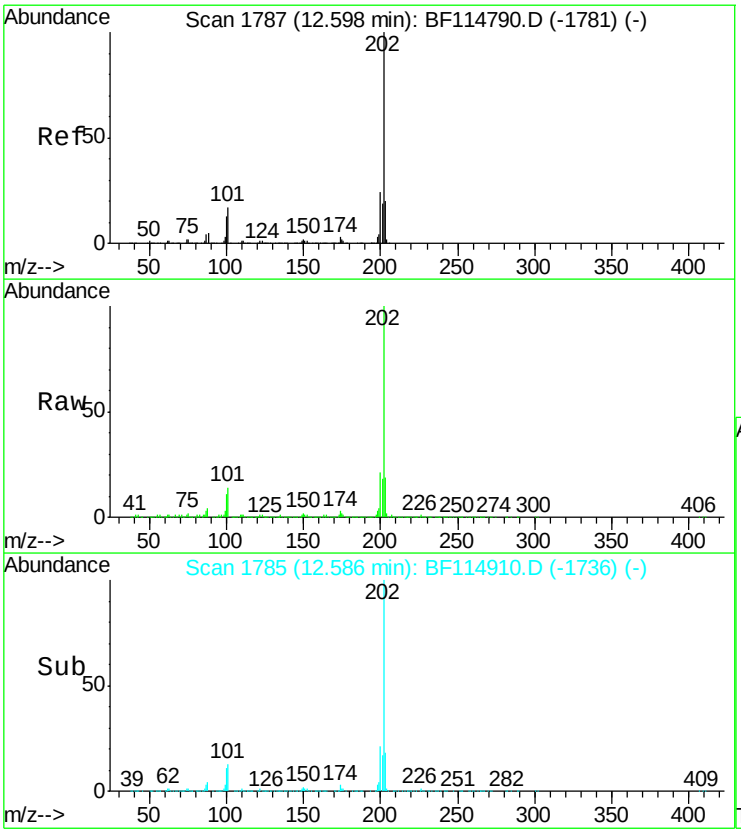
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:240 Resp: 700140

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	27.4	21.4	32.0

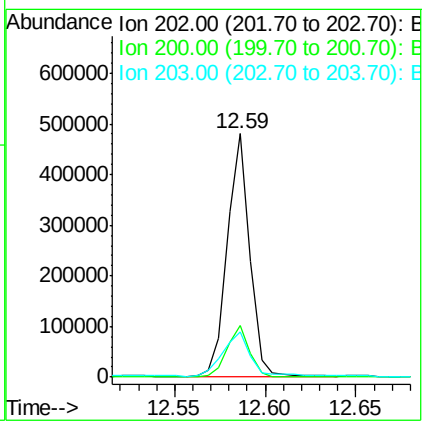


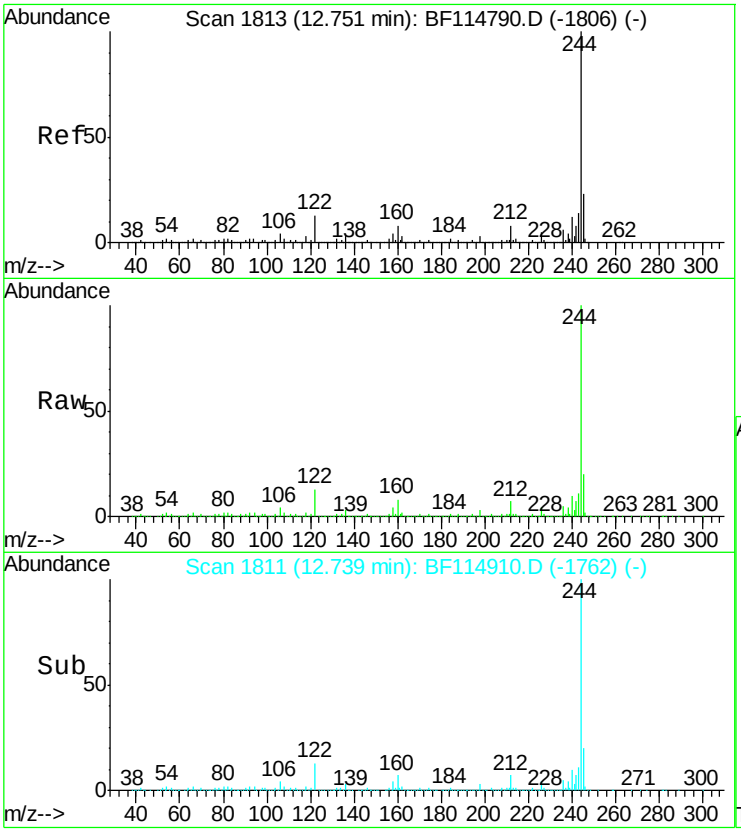


#78
Pyrene
Concen: 6.821 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:202 Resp: 414282

Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.2	28.8
203	18.6	15.9	23.9



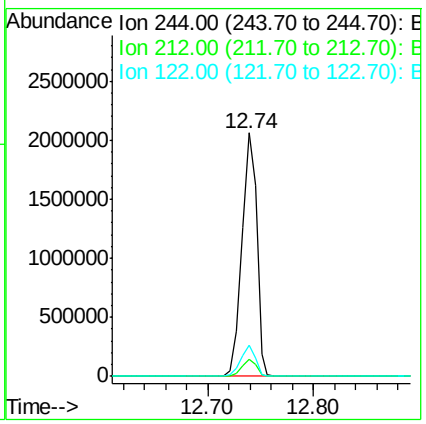


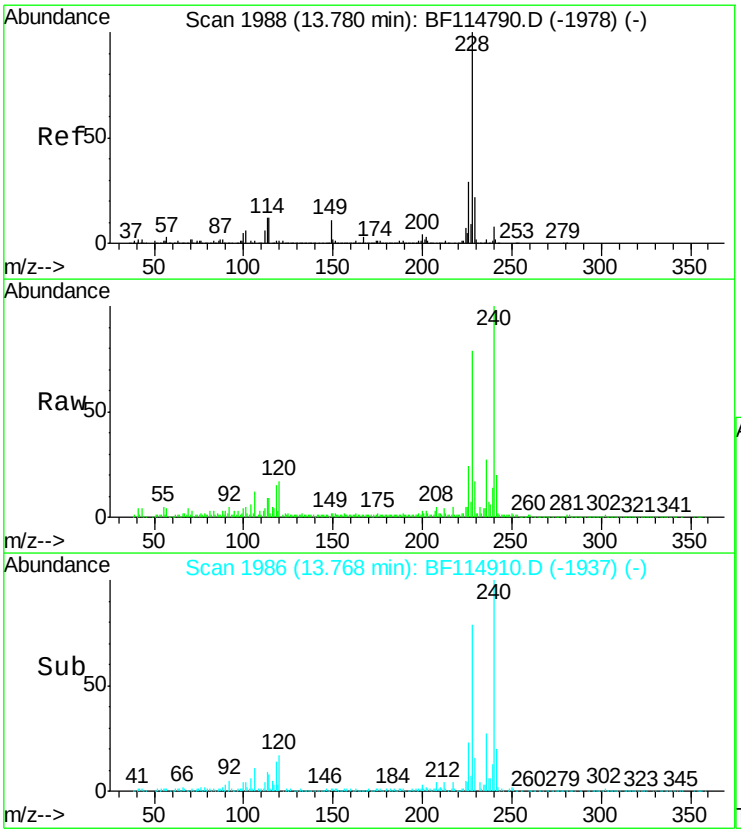
#79
Terphenyl-d14
Concen: 55.131 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:244 Resp: 1984806

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	12.7	10.5	15.7

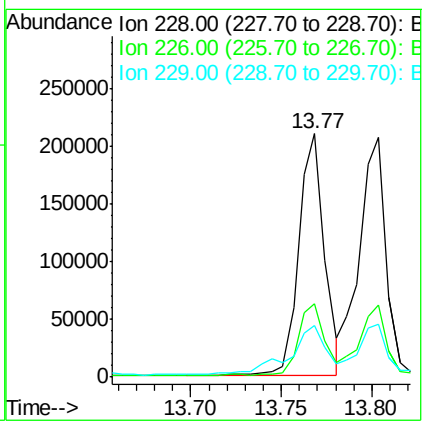


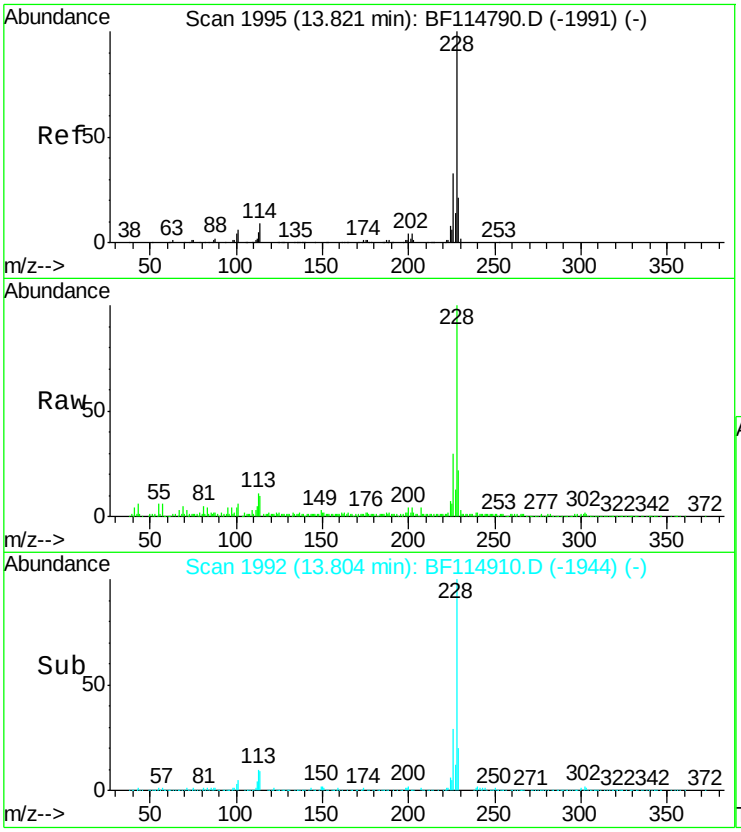


#81
Benzo(a)anthracene
Concen: 3.900 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:228 Resp: 210411

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.2	17.4	26.0



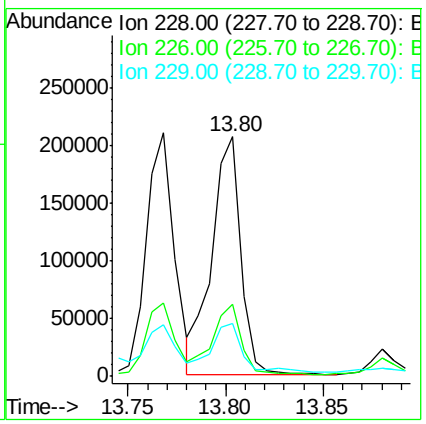


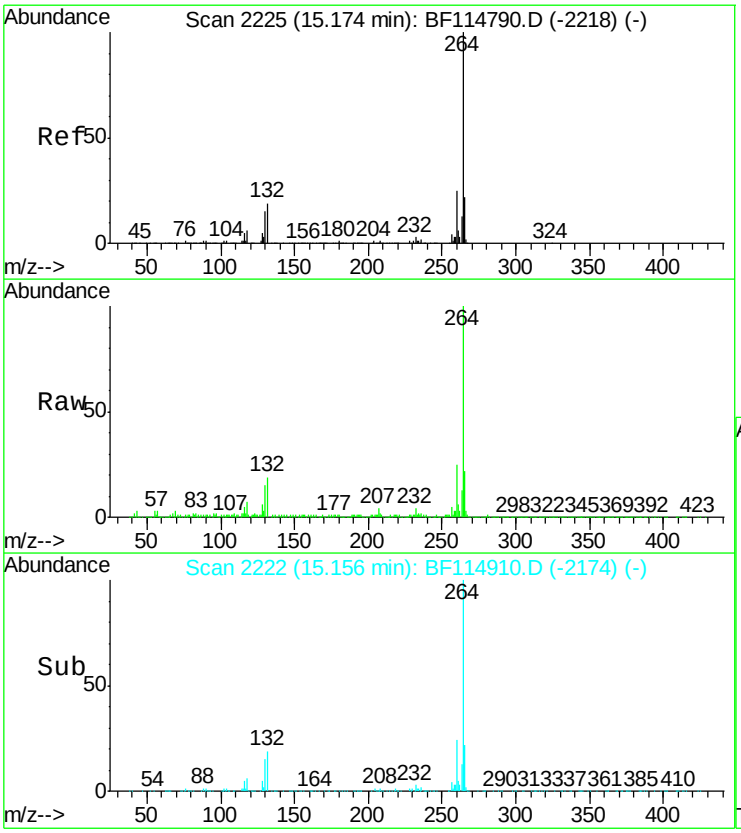
#83
Chrysene
Concen: 4.097 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:228 Resp: 215027

Ion	Ratio	Lower	Upper
228	100		
226	30.1	26.0	39.0
229	21.9	17.1	25.7

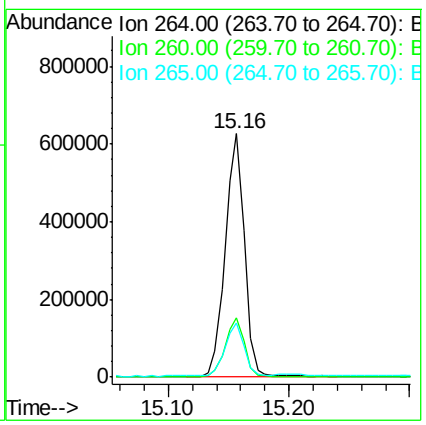


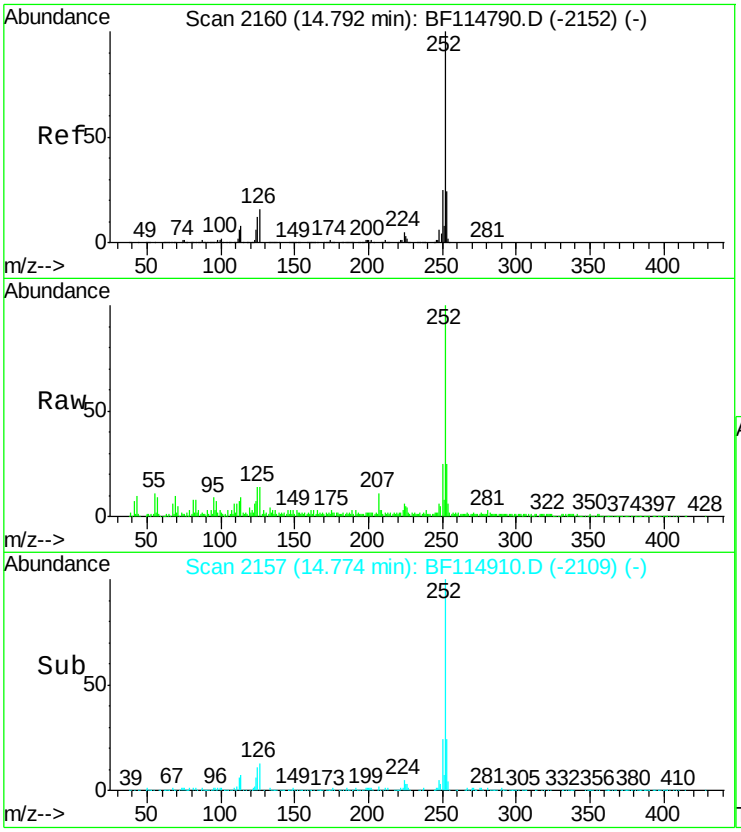


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:264 Resp: 686051

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.3	17.7	26.5



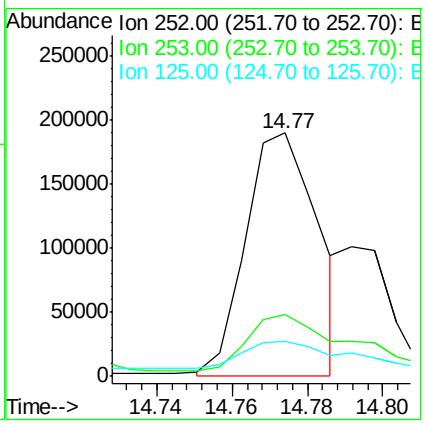


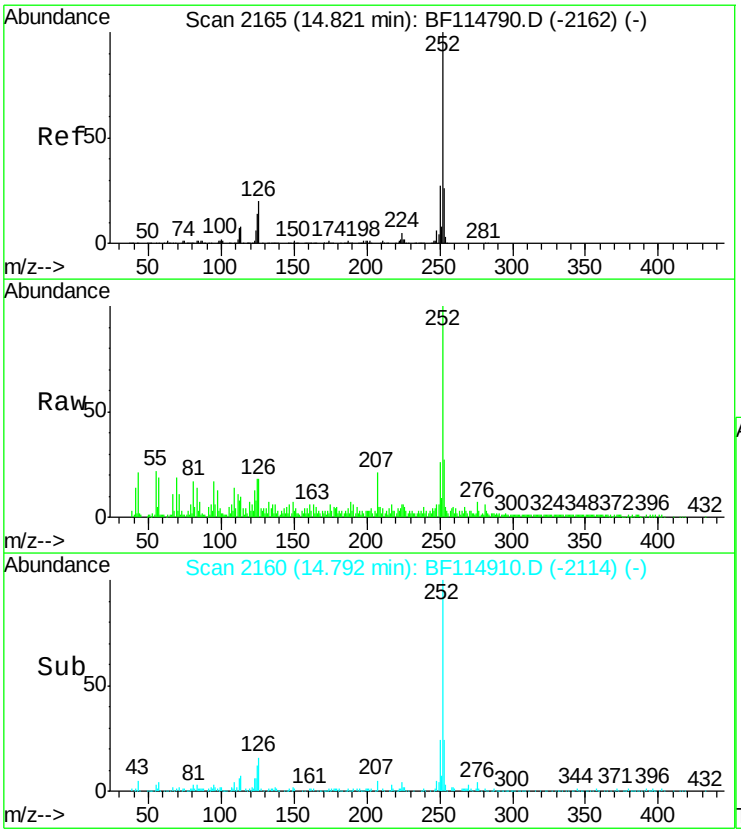
#88
Benzo(b)fluoranthene
Concen: 5.788 ng m
RT: 14.77 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:252 Resp: 252773

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.6
125	14.2	9.4	14.0#

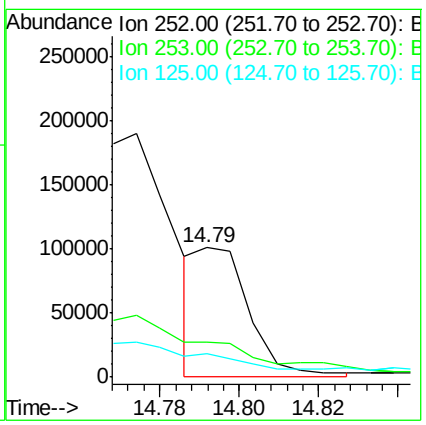


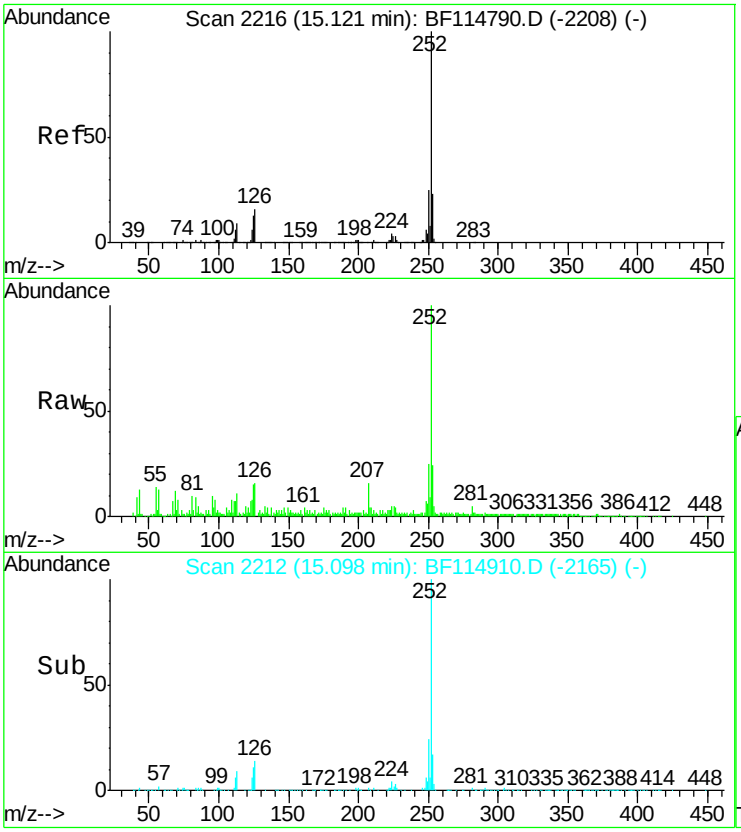


#89
Benzo(k)fluoranthene
Concen: 2.506 ng m
RT: 14.79 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:252 Resp: 92947

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.3	28.9
125	17.7	10.1	15.1#



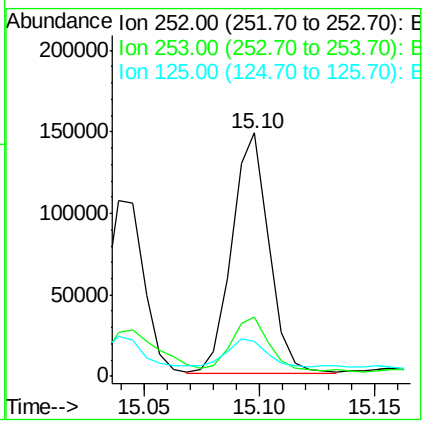


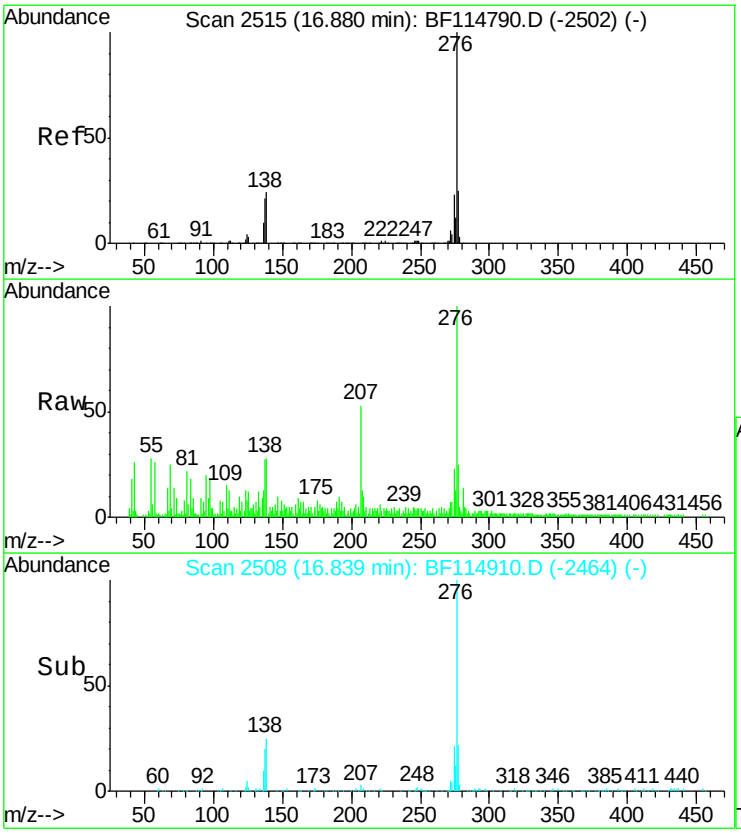
#90
Benzo(a)pyrene
Concen: 4.360 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-A

Tgt Ion:252 Resp: 164827

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	14.6	10.1	15.1





#92
Benzo(g,h,i)perylene
Concen: 2.455 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.04 min
Lab File: BF114910.D
Acq: 8 Jun 2019 00:32

Tgt Ion:276 Resp: 88380

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	27.8	19.4	29.2