Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-060619-B

Quant Time: Jun 08 06:52:34 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	323057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1151700	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	465004	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	771283	20.00	ng	0.00
76) Chrysene-d12	13.79	240	531467	20.00	ng	0.00
87) Perylene-d12	15.16	264	412447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	933023	50.47	ng	0.00
7) Phenol-d6	6.30	99	1142612	50.79	ng	0.00
23) Nitrobenzene-d5	7.22	82	646053	34.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	209556	41.82	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1197373	48.24	ng	-0.01
79) Terphenyl-d14	12.74	244	990330	36.24	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.41	163	97935	2.884	ng	98
71) Phenanthrene	11.19	178	266634	7.242	ng	95
75) Fluoranthene	12.37	202	417900	10.905	ng	92
78) Pyrene	12.59	202	410534	8.904	ng	95
81) Benzo(a)anthracene	13.77	228	171669	4.192	ng	98
83) Chrysene	13.81	228	183705	4.611	ng	95
86) Indeno(1,2,3-cd)pyrene	16.47	276	97502	2.145	ng	95
88) Benzo(b)fluoranthene	14.78	252	225667m	8.595	ng	
89) Benzo(k)fluoranthene	14.80	252	56370m	2.528	ng	
90) Benzo(a)pyrene	15.11	252	150058	6.603	ng	# 91
92) Benzo(g,h,i)perylene	16.86	276	94364	4.360	ng	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

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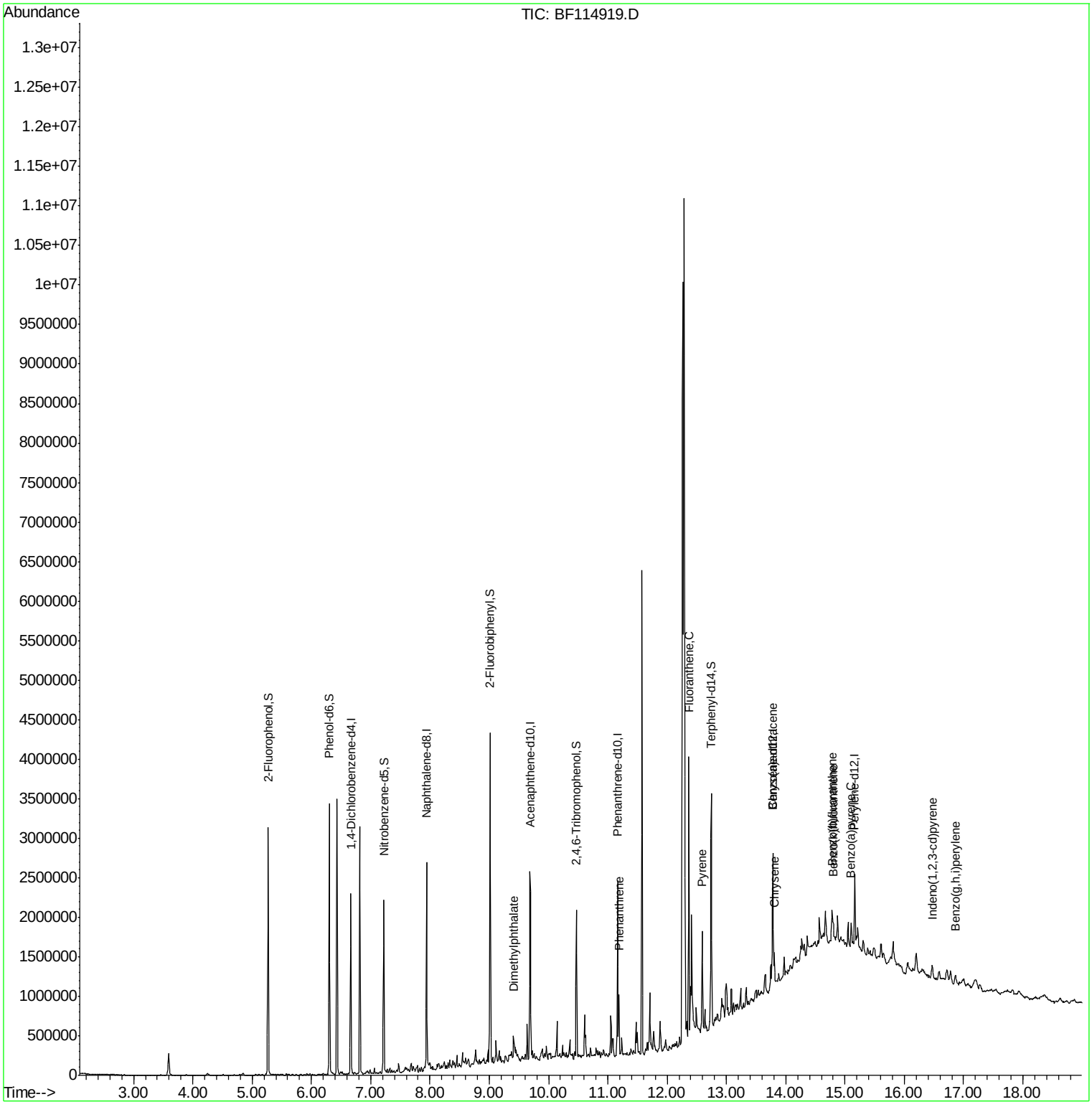
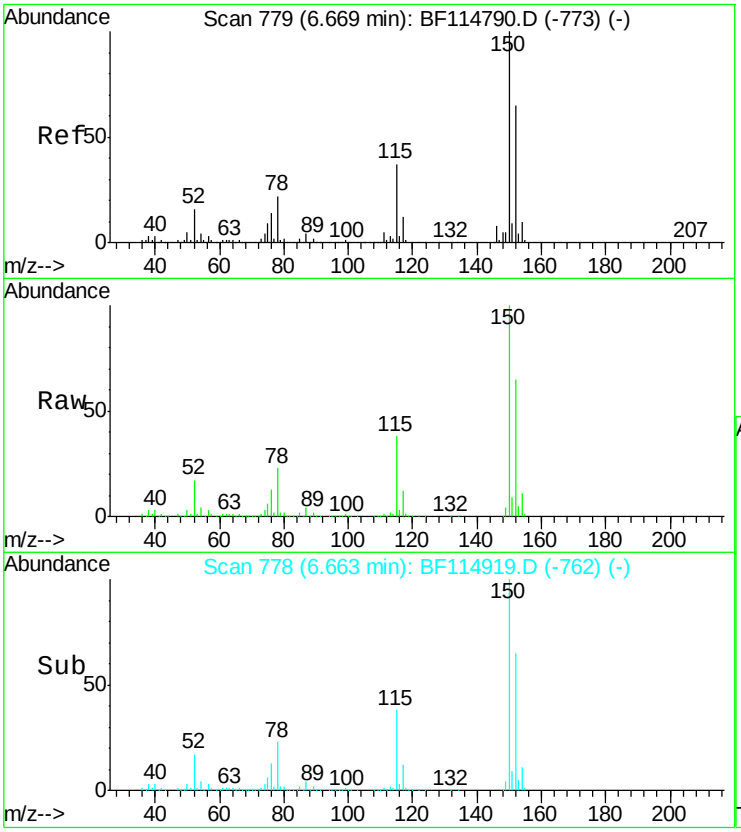
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



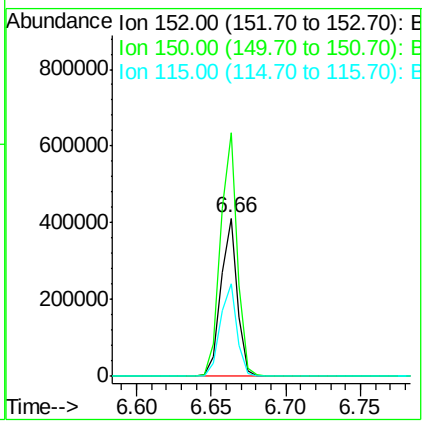


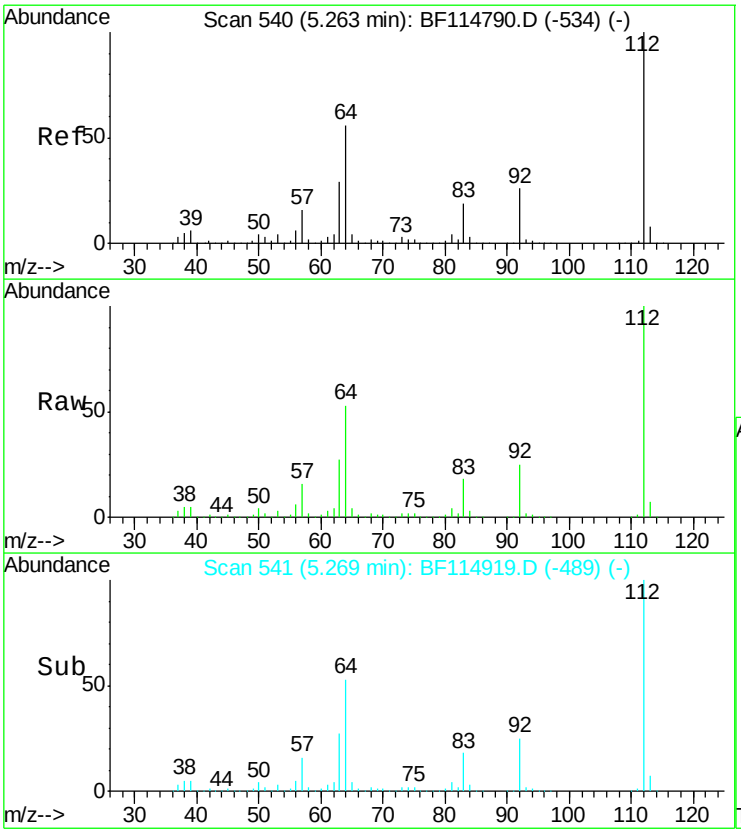
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:152 Resp: 323057

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.0	186.0
115	58.6	46.3	69.5

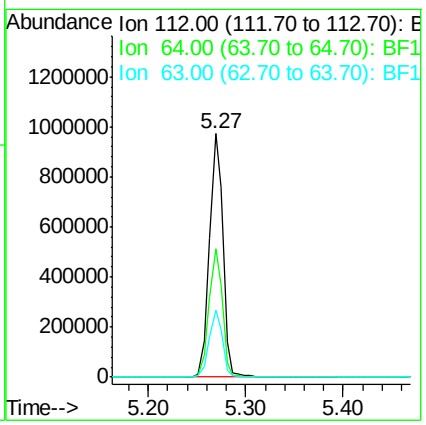


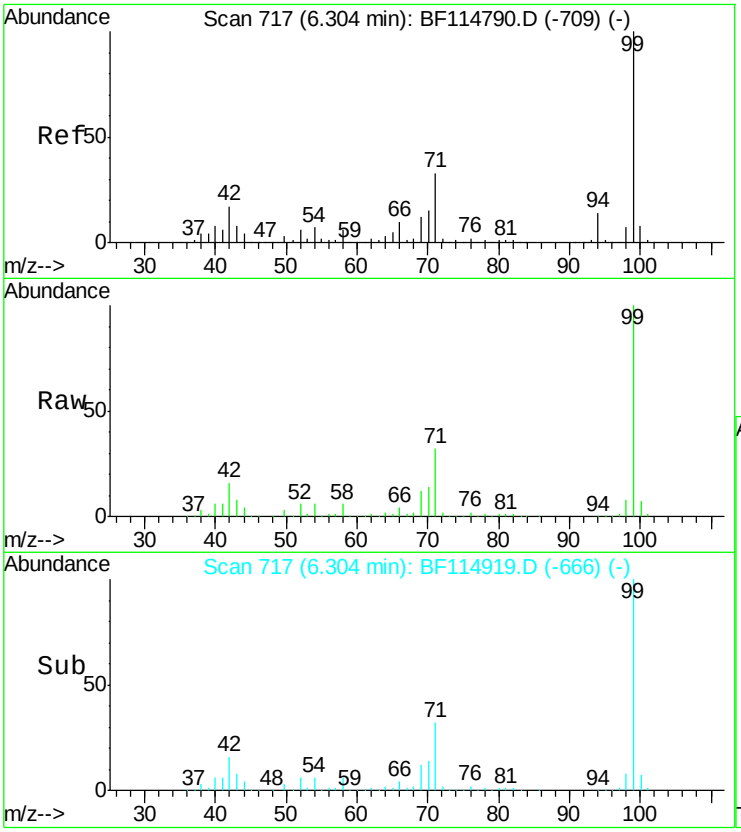


#5
2-Fluorophenol
Concen: 50.465 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:112 Resp: 933023

Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.6	66.8
63	27.4	23.0	34.4



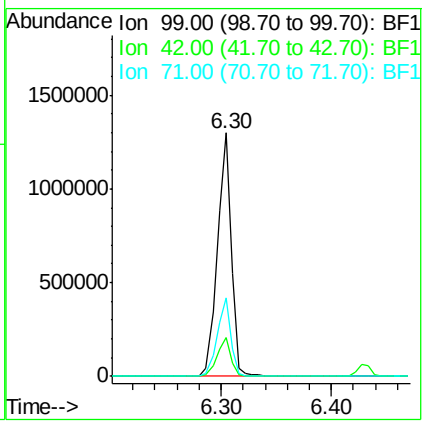


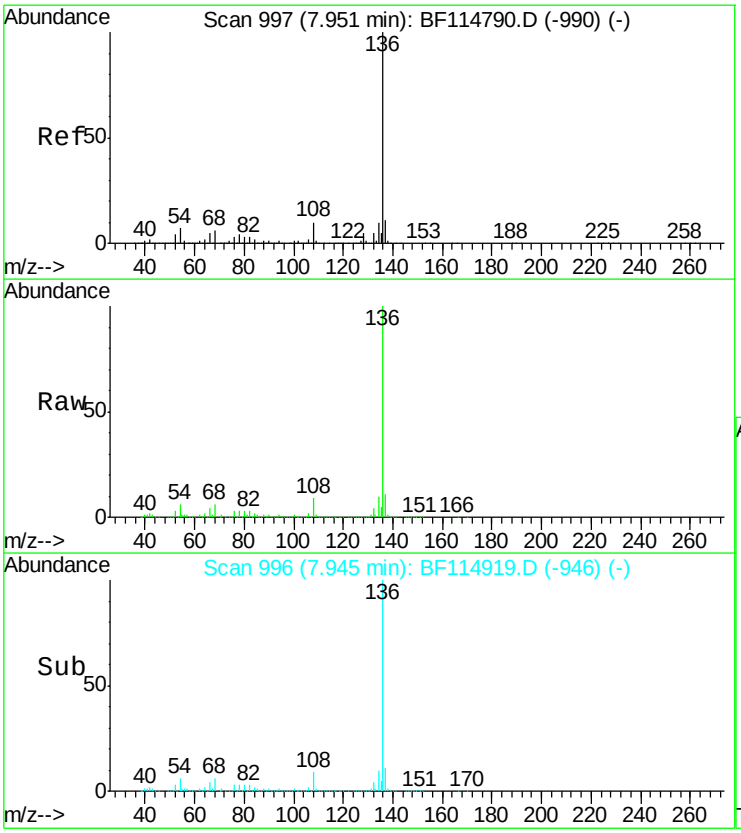
#7
Phenol-d6
Concen: 50.790 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion: 99 Resp: 1142612

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.3	19.9
71	32.4	26.3	39.5

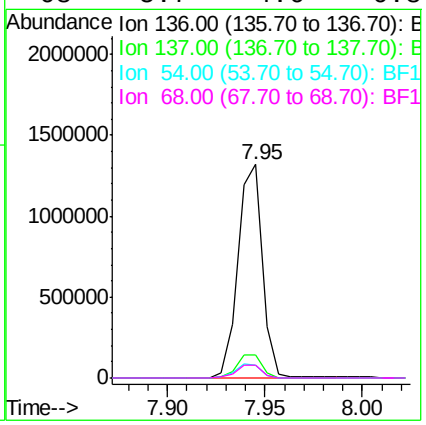


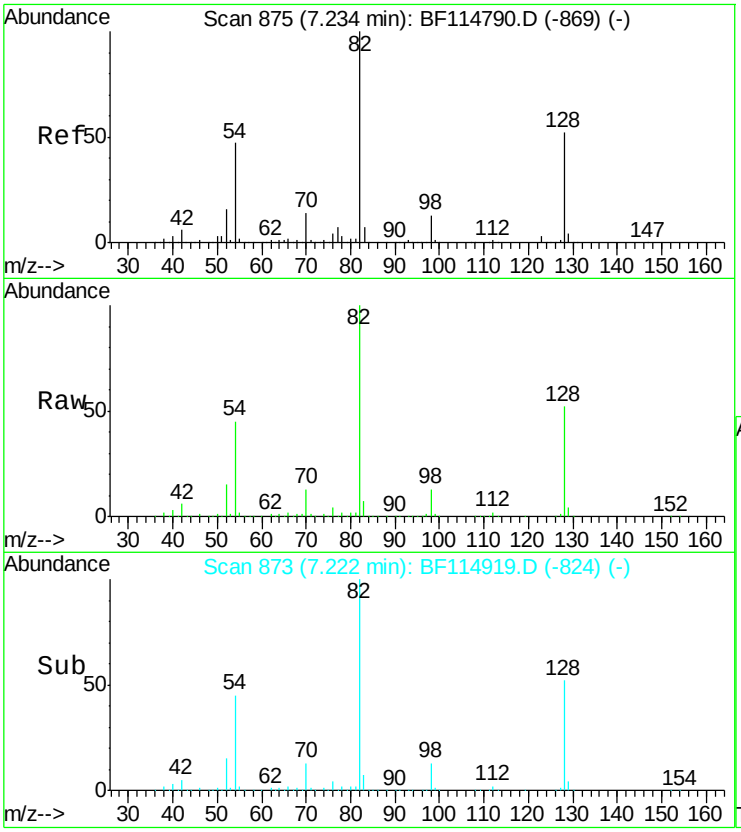


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:136 Resp: 1151700

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	5.4	8.0
68	5.7	4.6	6.8



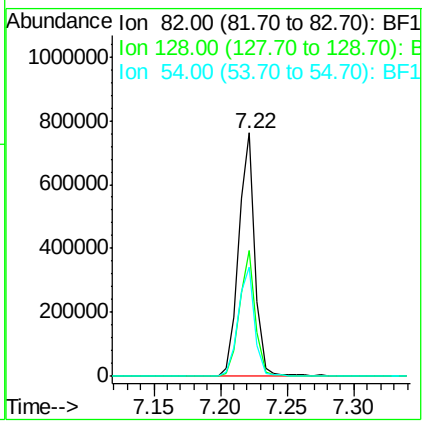


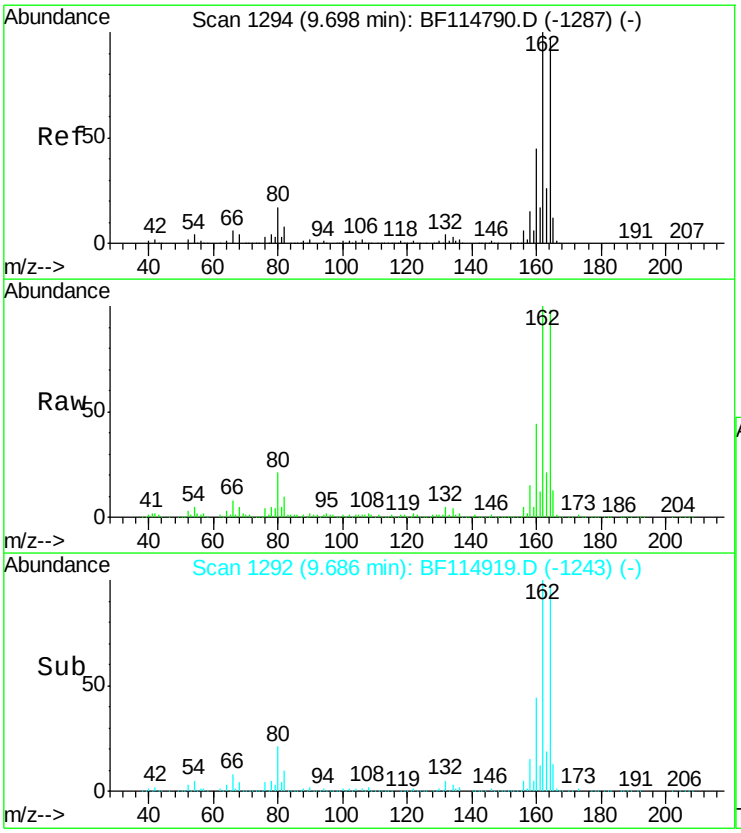
#23
Nitrobenzene-d5
Concen: 34.532 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion: 82 Resp: 646053

Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	45.1	37.9	56.9

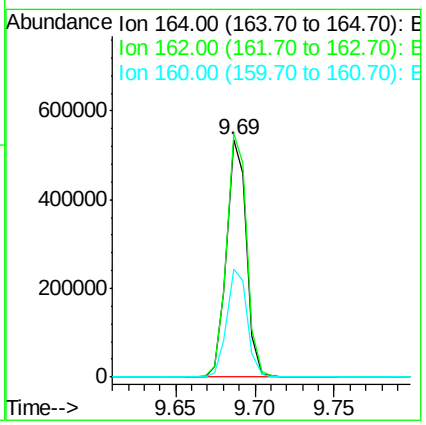


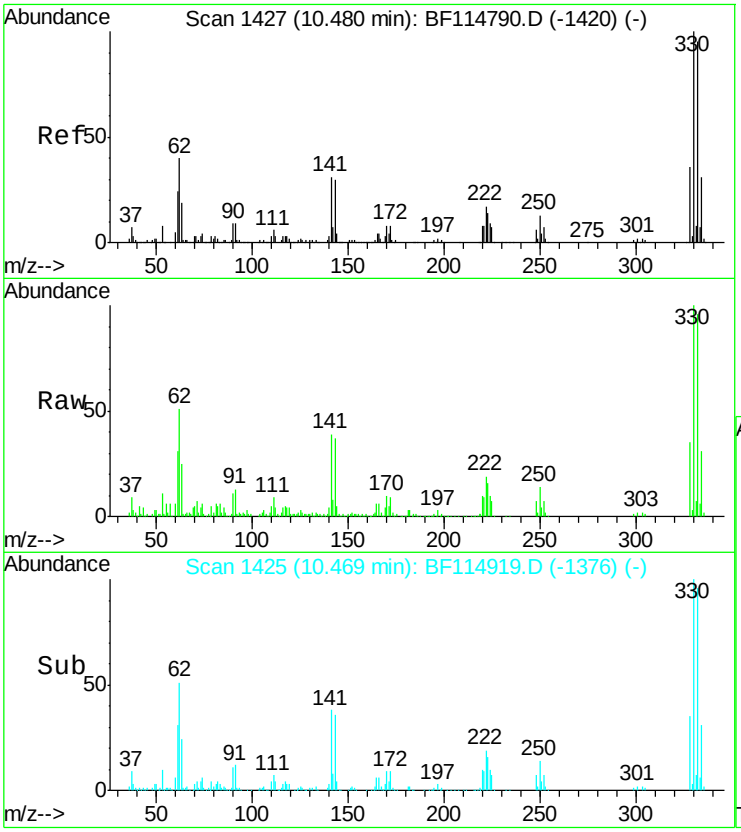


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:164 Resp: 465004

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.3	123.5
160	45.5	36.7	55.1



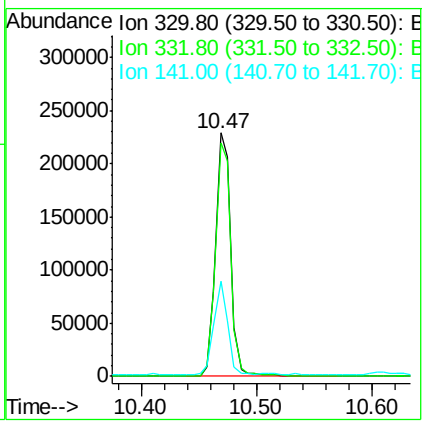


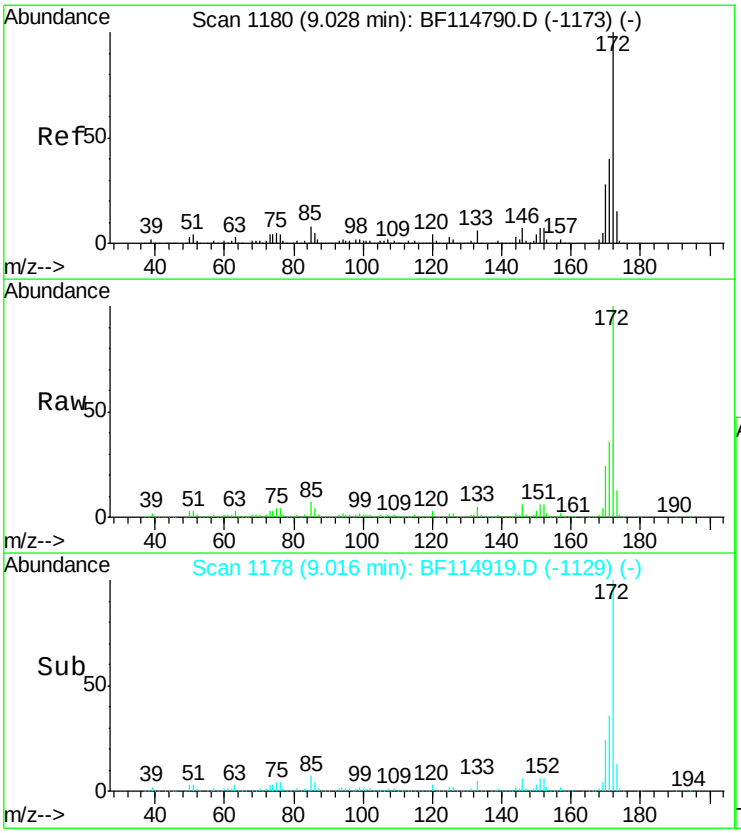
#42
2,4,6-Tribromophenol
Concen: 41.818 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:330 Resp: 209556

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	34.4	26.2	39.4

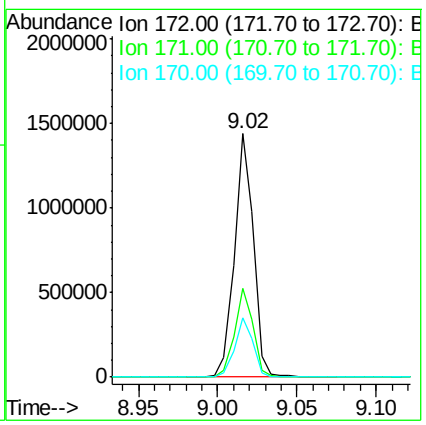


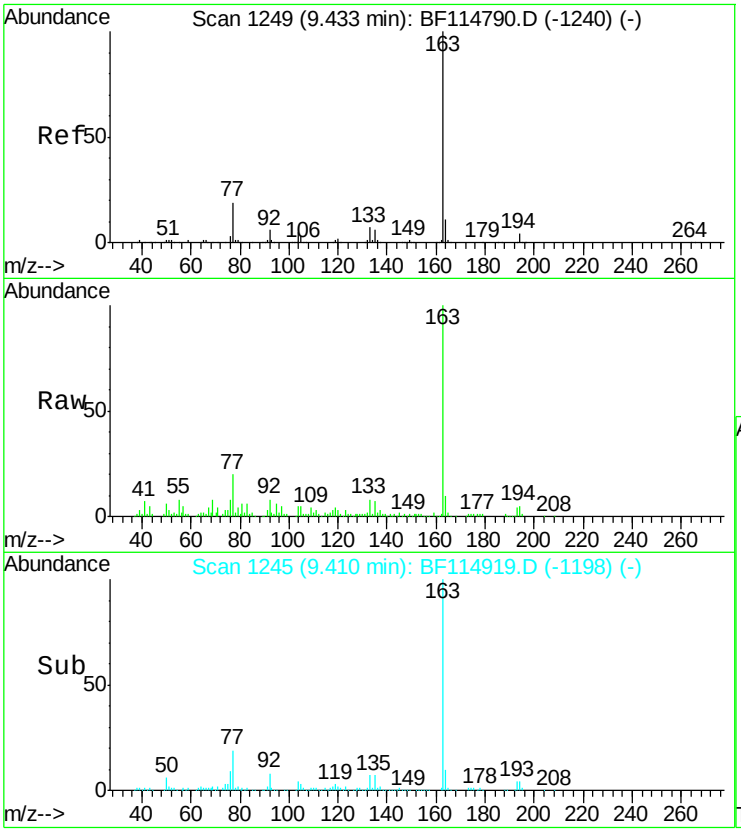


#45
2-Fluorobiphenyl
Concen: 48.236 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:172 Resp: 1197373

Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.3	48.5
170	24.5	22.4	33.6



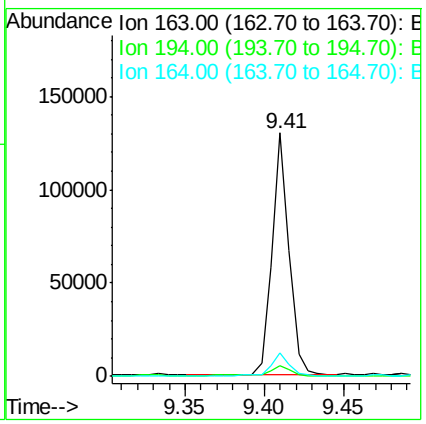


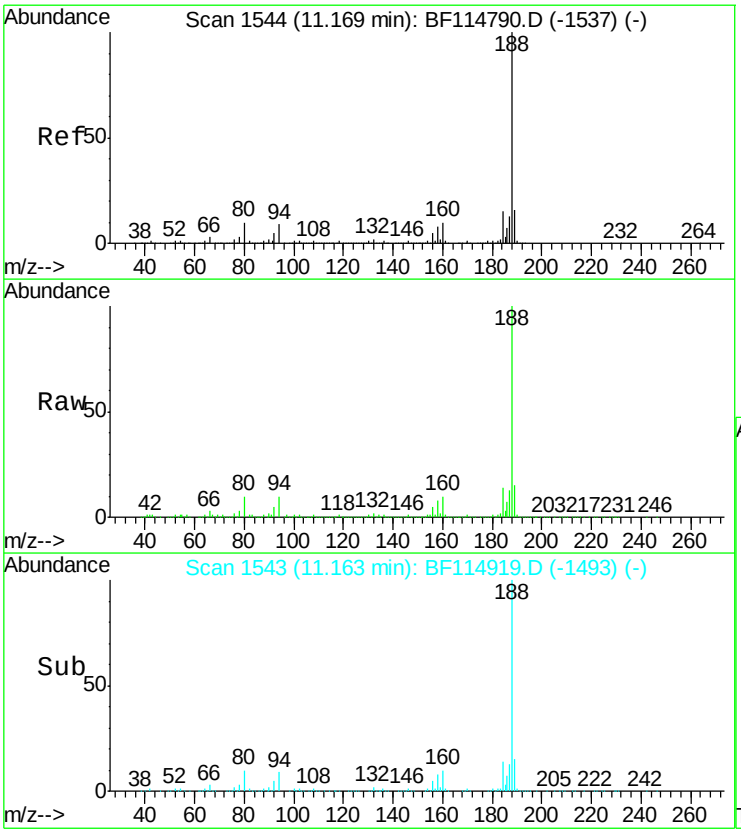
#50
Dimethylphthalate
Concen: 2.884 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:163 Resp: 97935

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.9	8.6	13.0

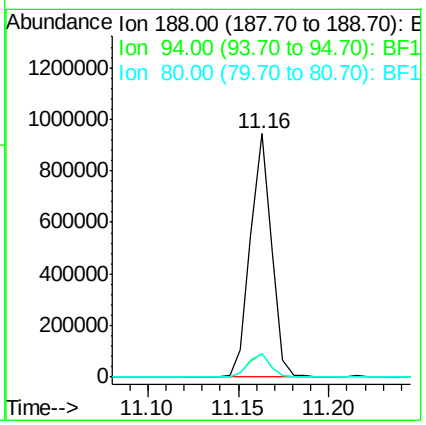


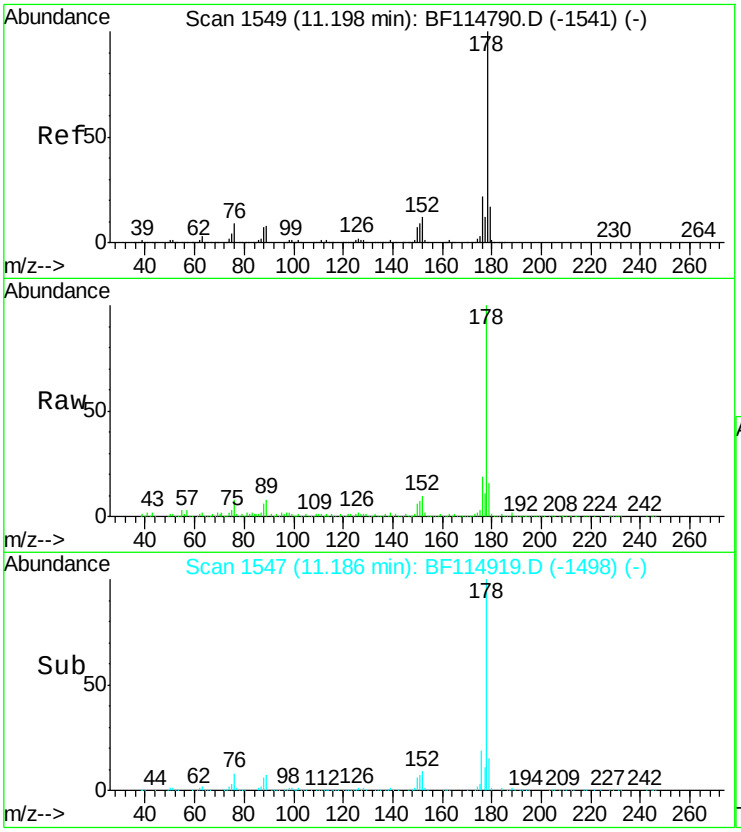


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:188 Resp: 771283

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	9.9	8.3	12.5



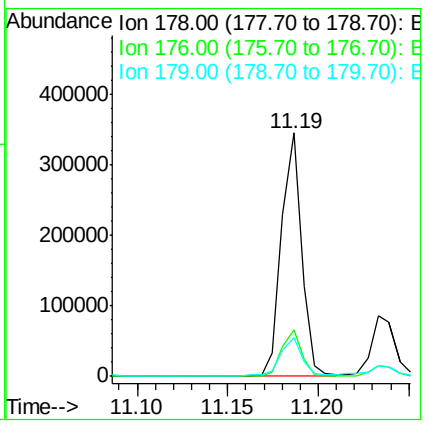


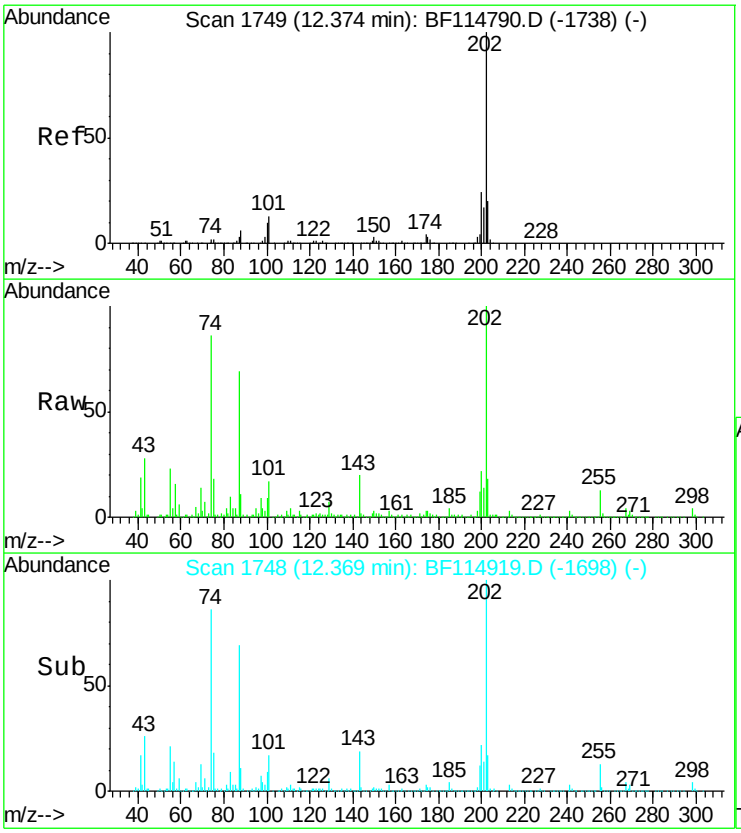
#71
Phenanthrene
Concen: 7.242 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:178 Resp: 266634

Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	15.7	13.7	20.5

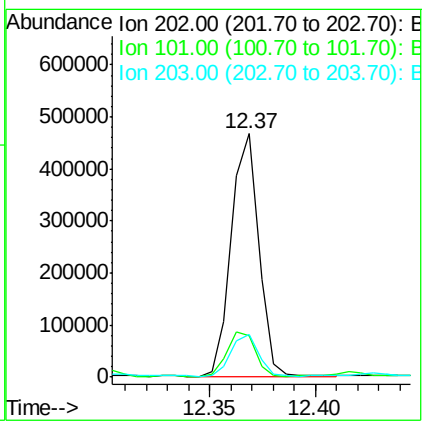


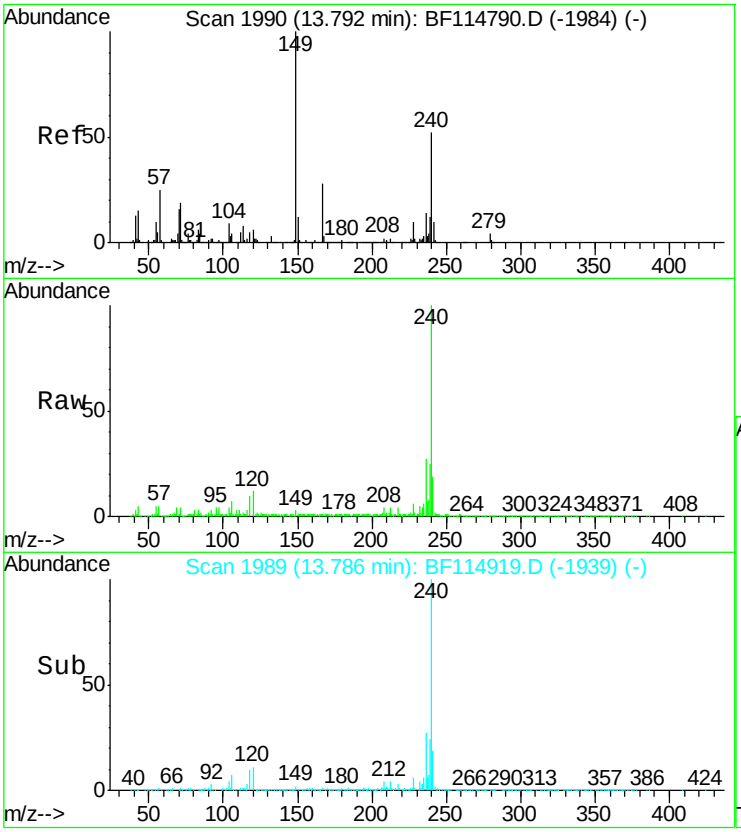


#75
Fluoranthene
Concen: 10.905 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:202 Resp: 417900

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	32.8
203	17.5	0.2	40.2



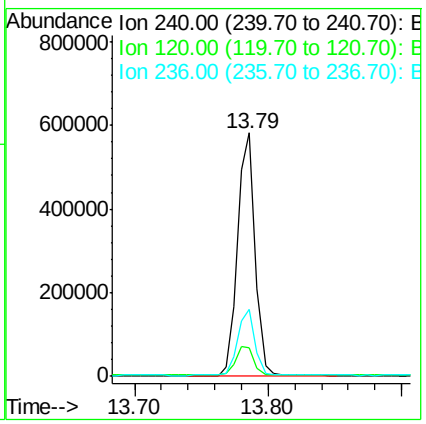


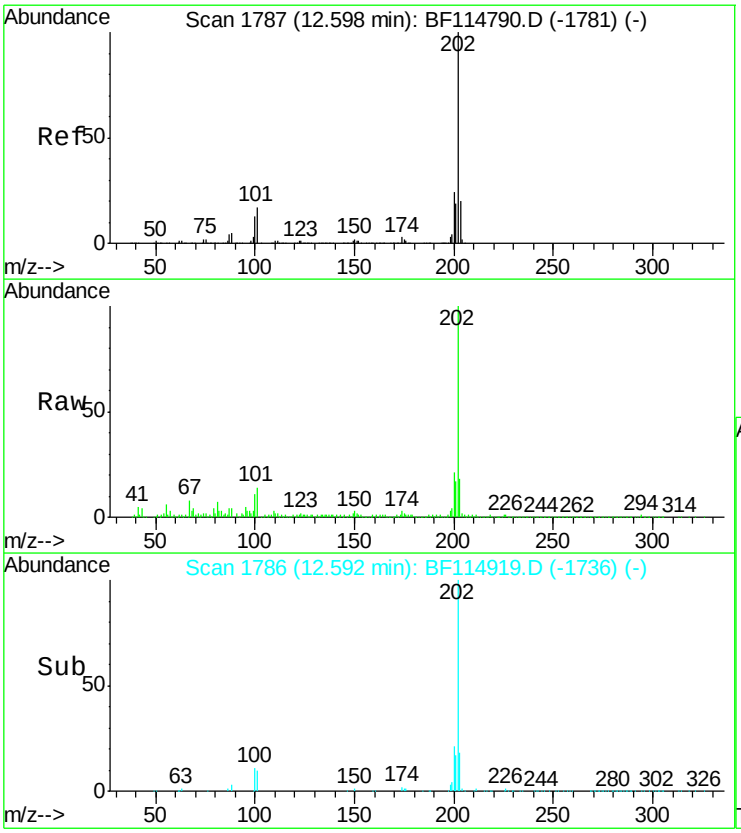
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:240 Resp: 531467

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	27.3	21.4	32.0

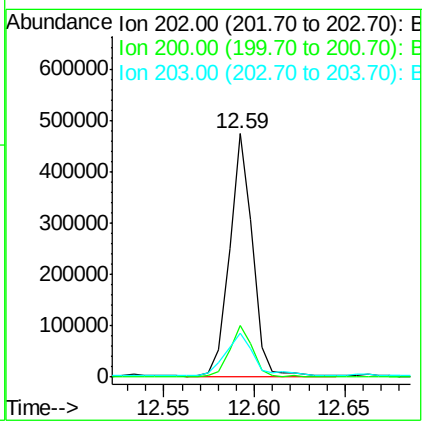


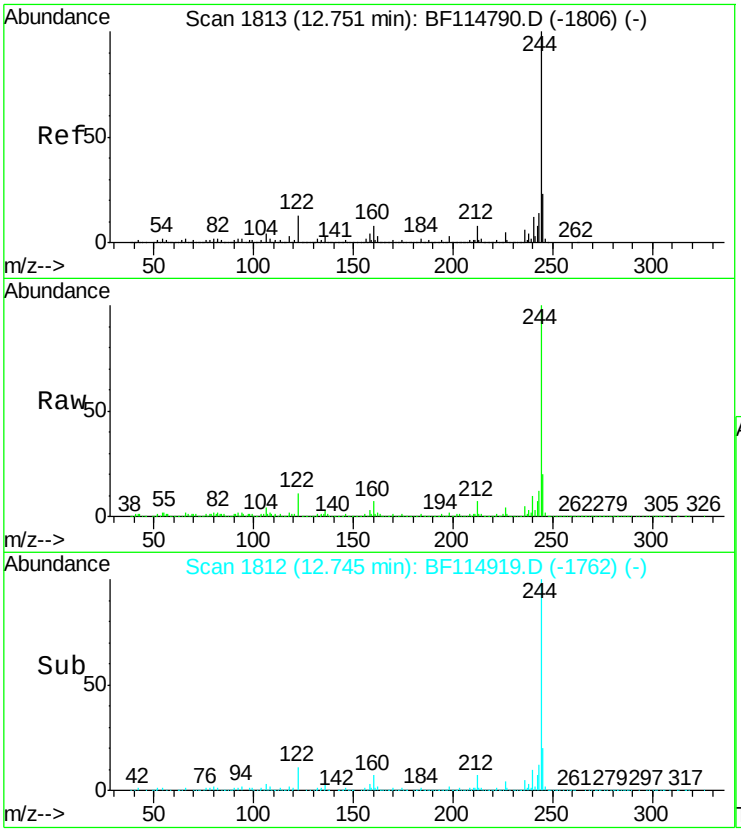


#78
Pyrene
Concen: 8.904 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:202 Resp: 410534

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.2	28.8
203	18.2	15.9	23.9



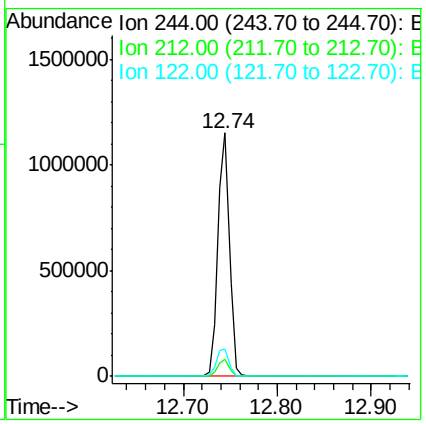


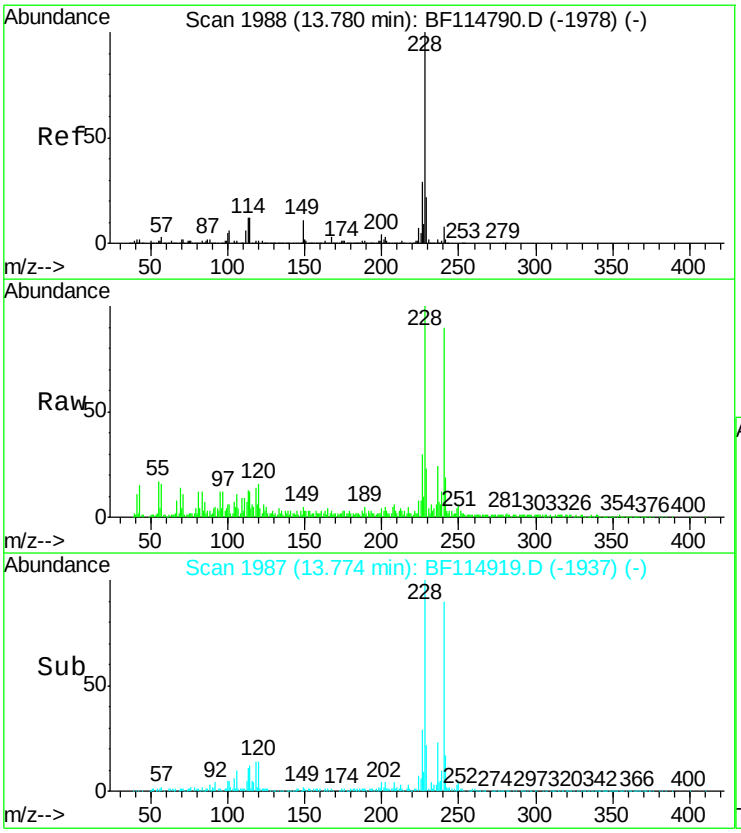
#79
Terphenyl-d14
Concen: 36.238 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:244 Resp: 990330

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	11.1	10.5	15.7

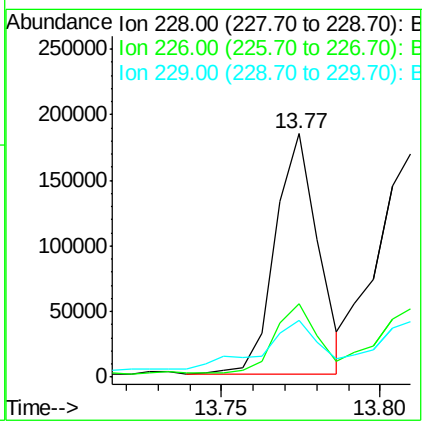


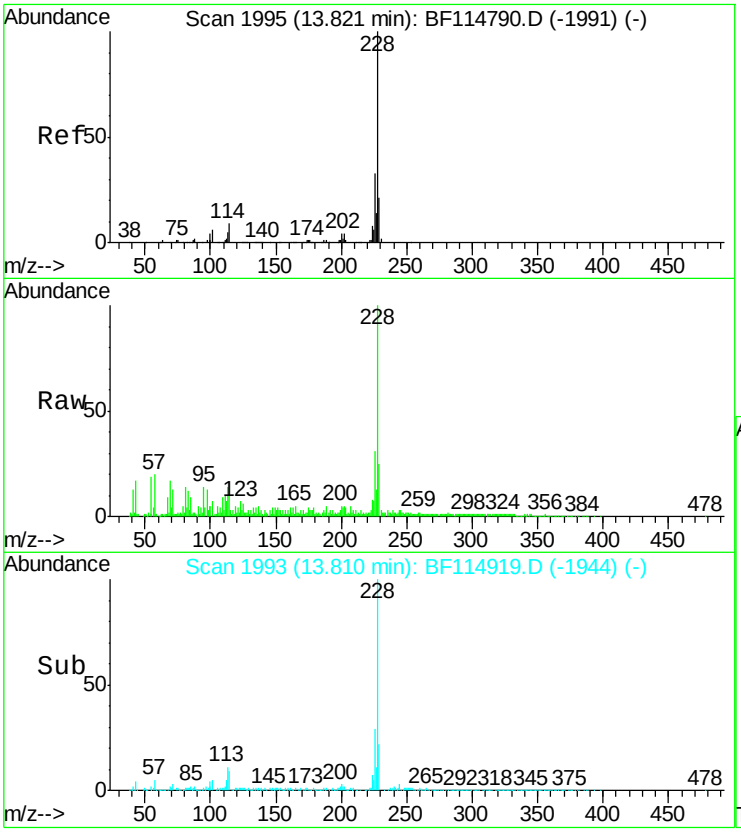


#81
Benzo(a)anthracene
Concen: 4.192 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:228 Resp: 171669

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.1	17.4	26.0



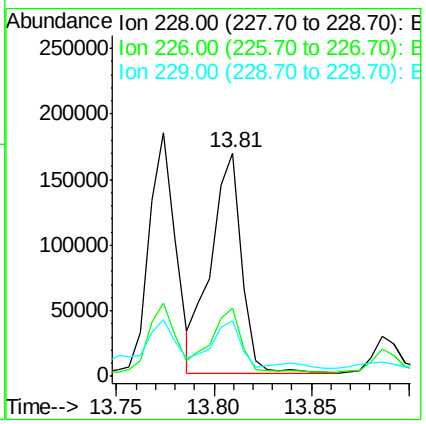


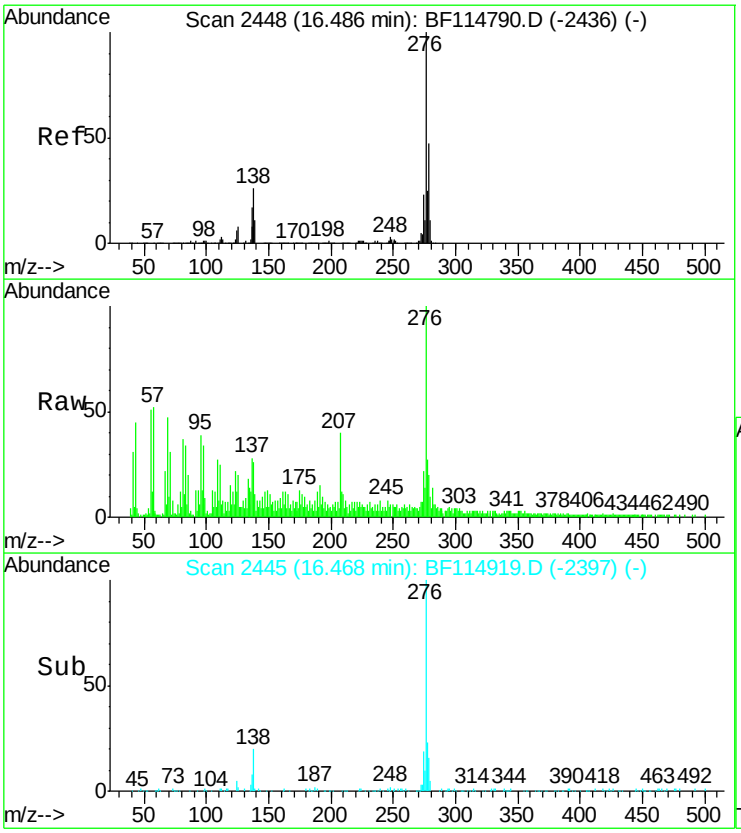
#83
Chrysene
Concen: 4.611 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:228 Resp: 183705

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.0	39.0
229	24.8	17.1	25.7

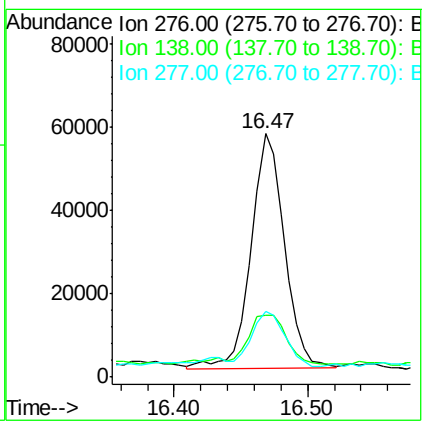


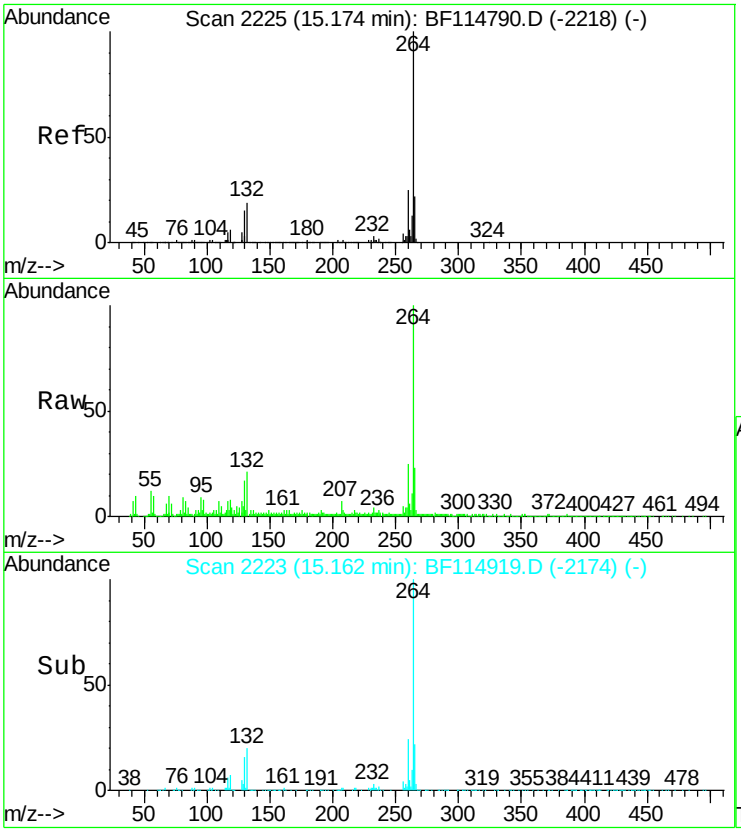


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.145 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:276 Resp: 97502

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.2	33.4
277	22.7	20.6	30.8



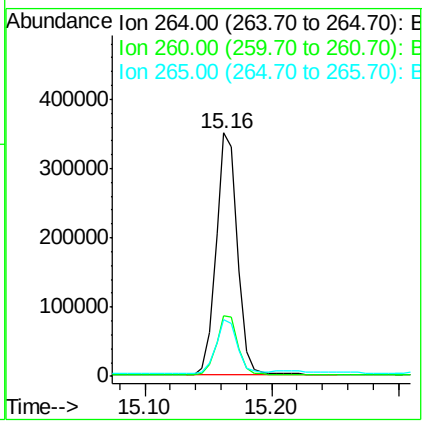


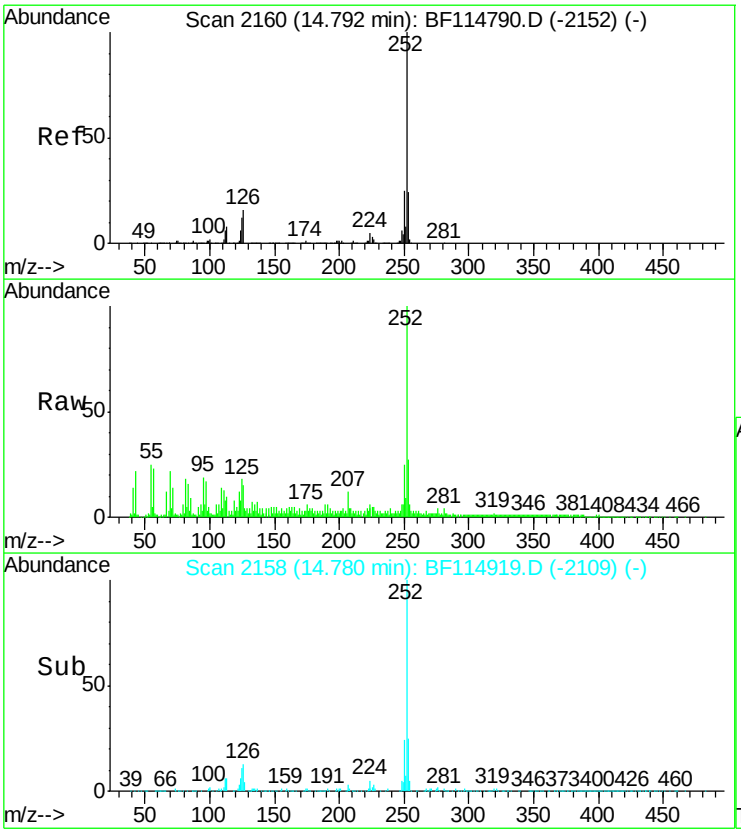
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:264 Resp: 412447

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	23.1	17.7	26.5

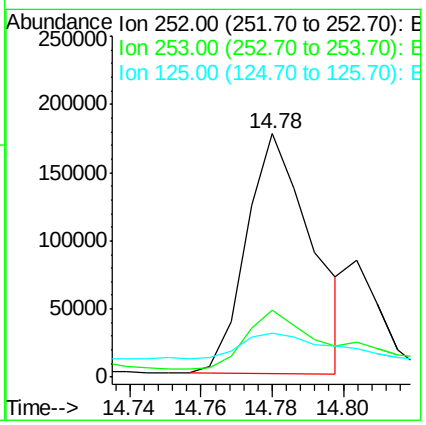


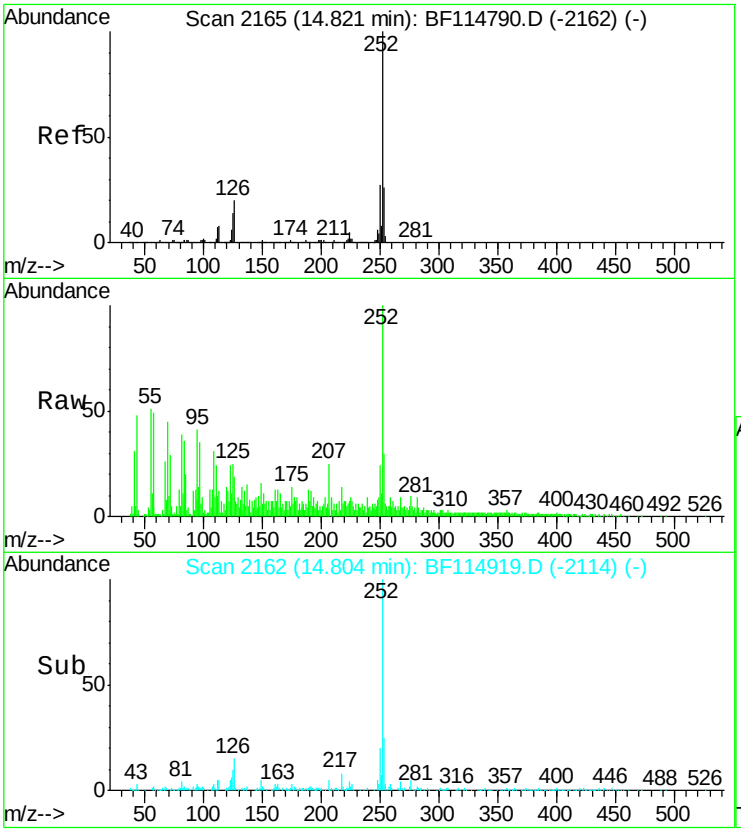


#88
Benzo(b)fluoranthene
Concen: 8.595 ng m
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:252 Resp: 225667

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.6
125	18.0	9.4	14.0#



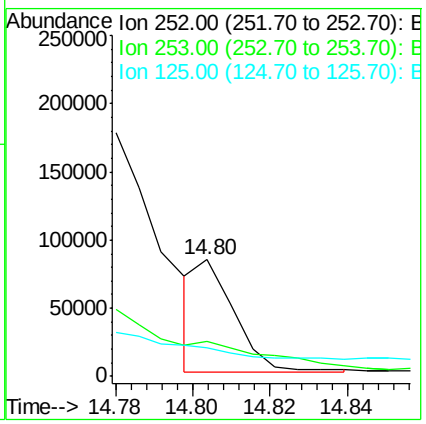


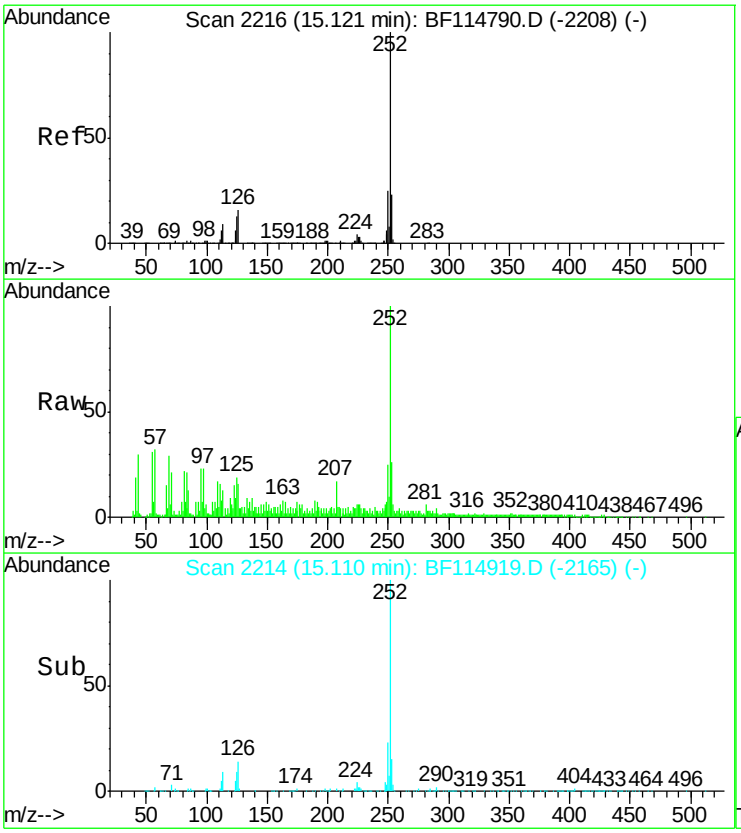
#89
Benzo(k)fluoranthene
Concen: 2.528 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B

Tgt Ion:252 Resp: 56370

Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.3	28.9#
125	24.8	10.1	15.1#

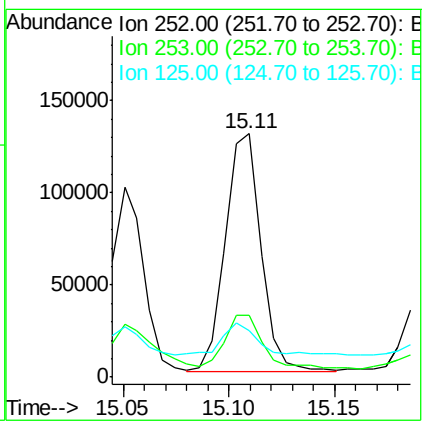


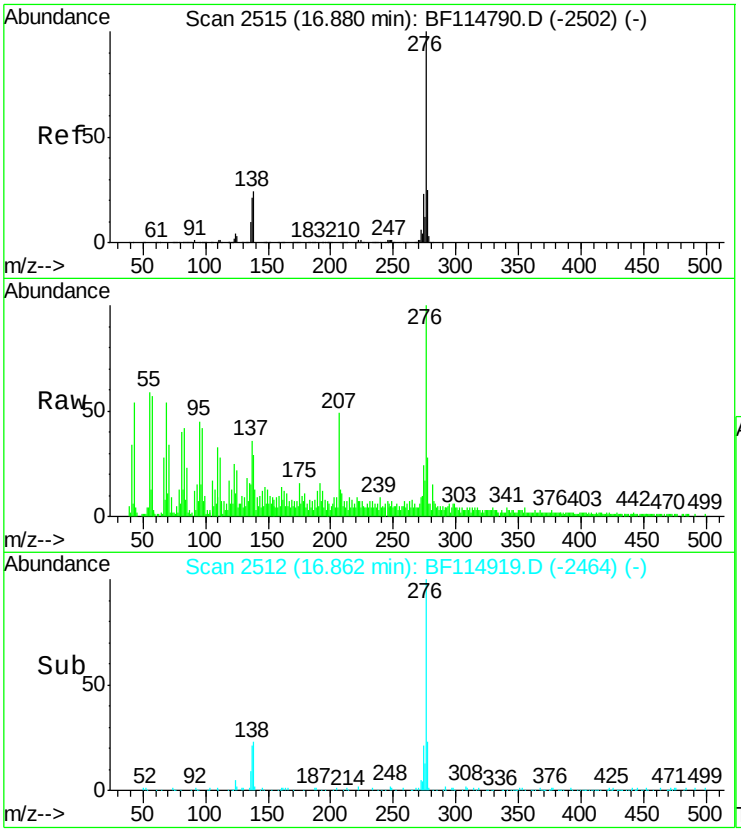


#90
Benzo(a)pyrene
Concen: 6.603 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:252 Resp: 150058

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	19.0	10.1	15.1#

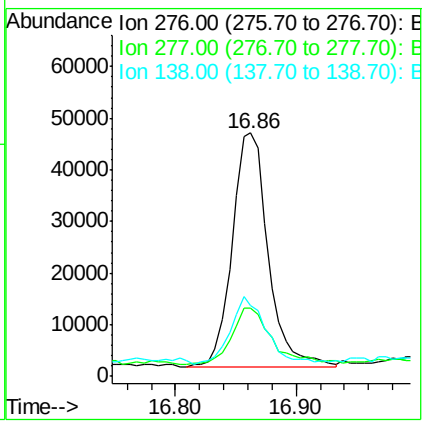




#92
Benzo(g,h,i)perylene
Concen: 4.360 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF114919.D
Acq: 8 Jun 2019 4:31

Tgt Ion:276 Resp: 94364

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.8	29.6
138	29.0	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
EO-02-060619-B