Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114918.D
Acq On : 8 Jun 2019 4:04
Operator : HP/JU
Sample : K3160-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 08 06:55:35 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	292570	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1084674	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	465289	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	757301	20.00	ng	0.00
76) Chrysene-d12	13.78	240	552522	20.00	ng	-0.01
87) Perylene-d12	15.16	264	430603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	840994	50.23	ng	0.00
7) Phenol-d6	6.30	99	1034622	50.78	ng	0.00
23) Nitrobenzene-d5	7.22	82	581599	33.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	205197	40.92	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1115988	44.93	ng	-0.01
79) Terphenyl-d14	12.74	244	936822	32.97	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.41	163	97673	2.874	ng	99
71) Phenanthrene	11.19	178	244719	6.769	ng	95
75) Fluoranthene	12.37	202	299606	7.962	ng	90
78) Pyrene	12.59	202	332500	6.937	ng	95
81) Benzo(a)anthracene	13.77	228	145388	3.415	ng	97
83) Chrysene	13.81	228	138549	3.345	ng	95
88) Benzo(b)fluoranthene	14.78	252	119452m	4.358	ng	
90) Benzo(a)pyrene	15.10	252	89921	3.790	ng	# 83
92) Benzo(g,h,i)perylene	16.86	276	51750	2.290	ng	# 92

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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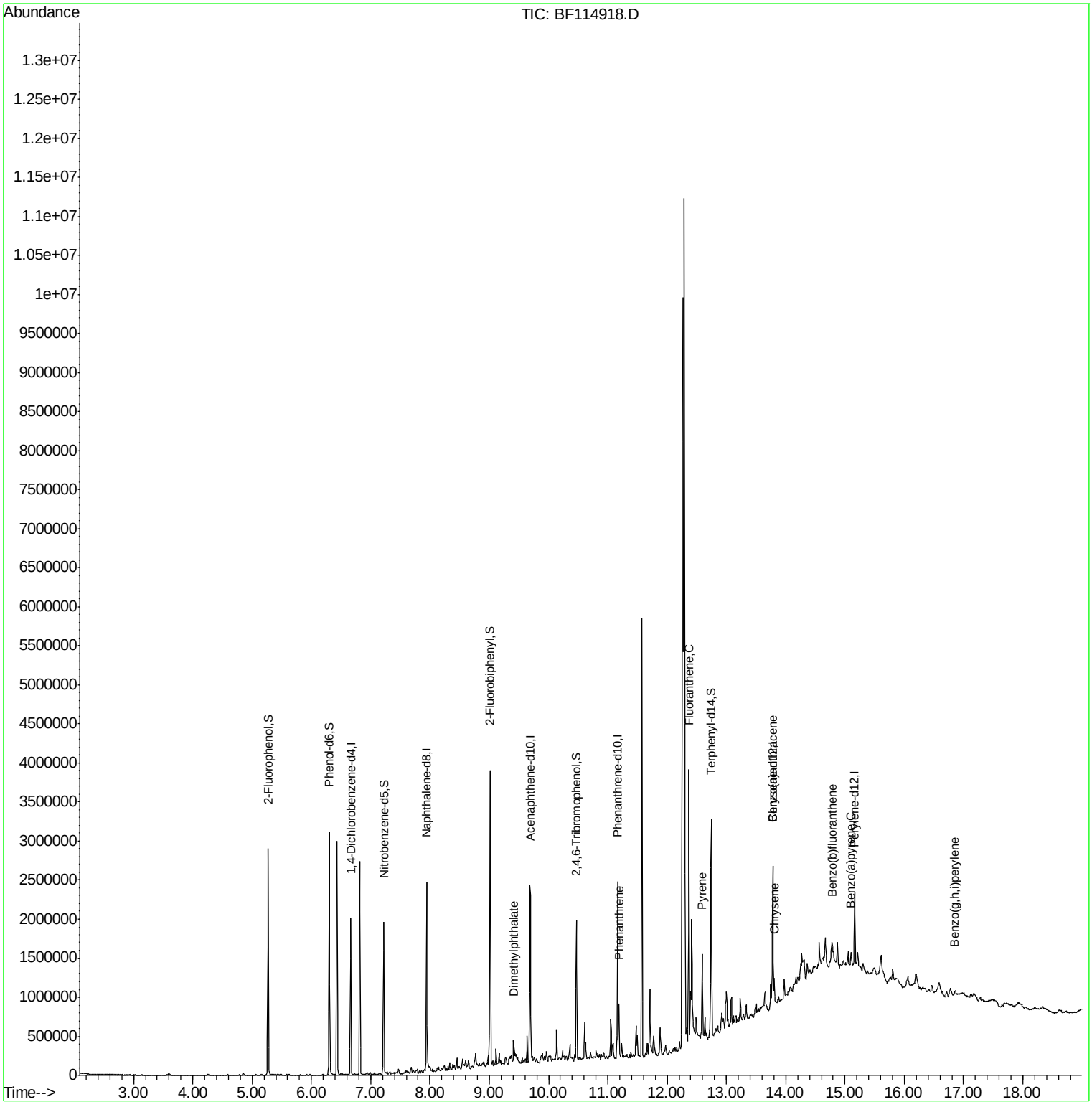
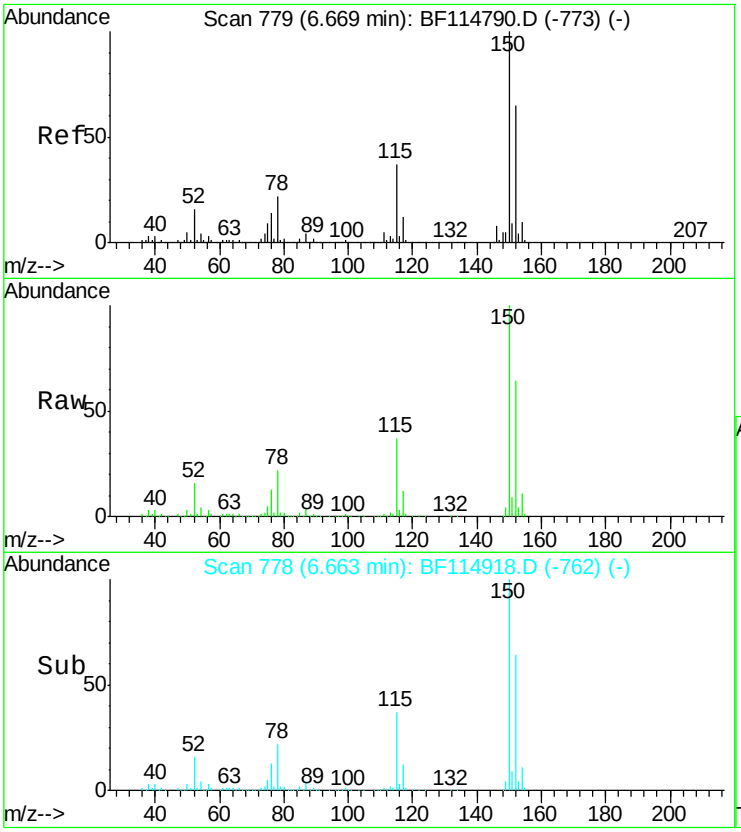


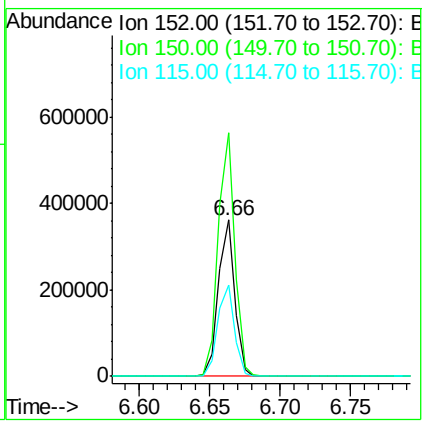


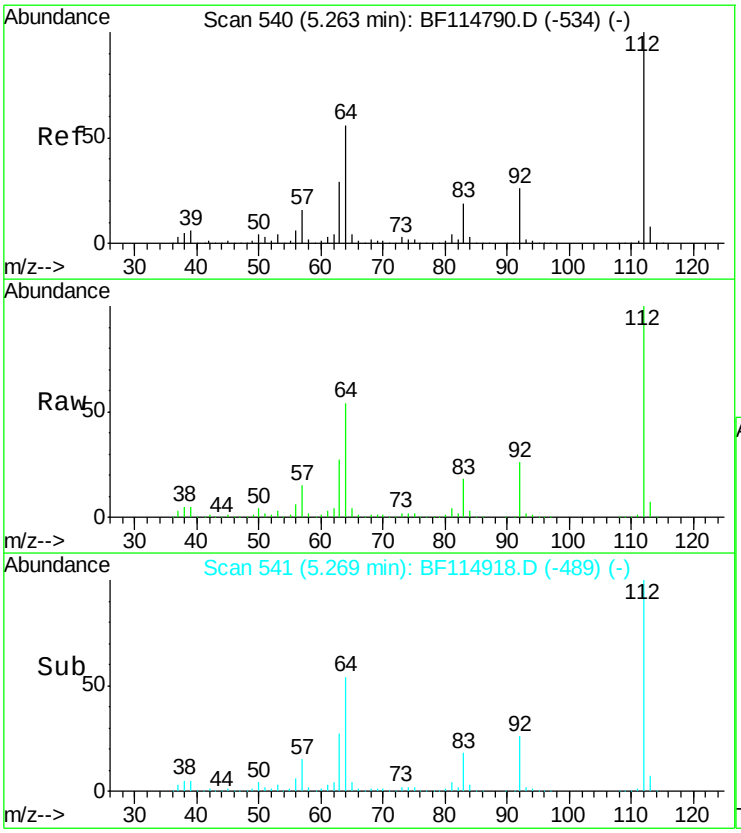
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:152 Resp: 292570

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.0	186.0
115	58.3	46.3	69.5

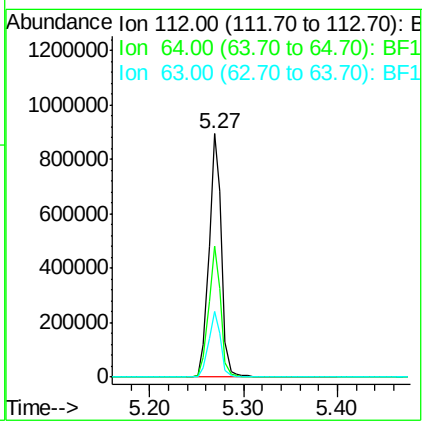


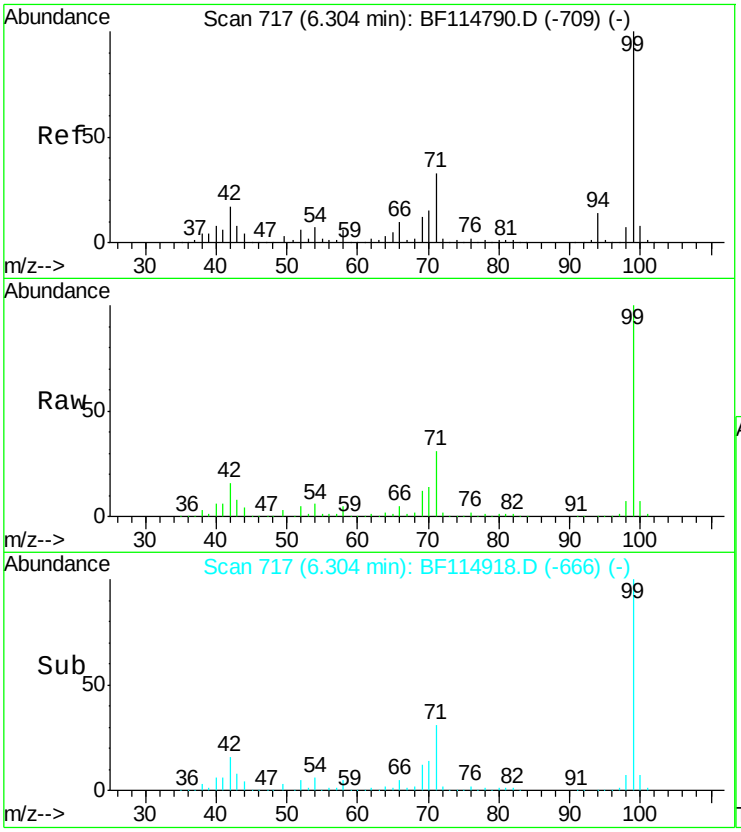


#5
2-Fluorophenol
Concen: 50.228 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:112 Resp: 840994

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.6	66.8
63	27.2	23.0	34.4



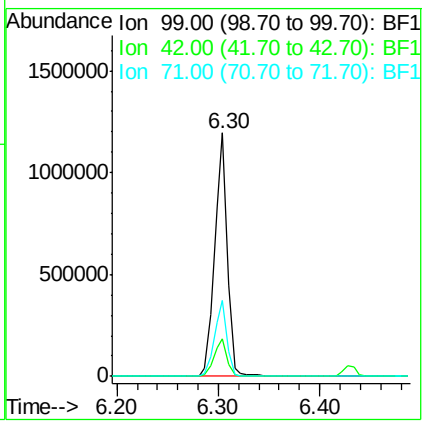


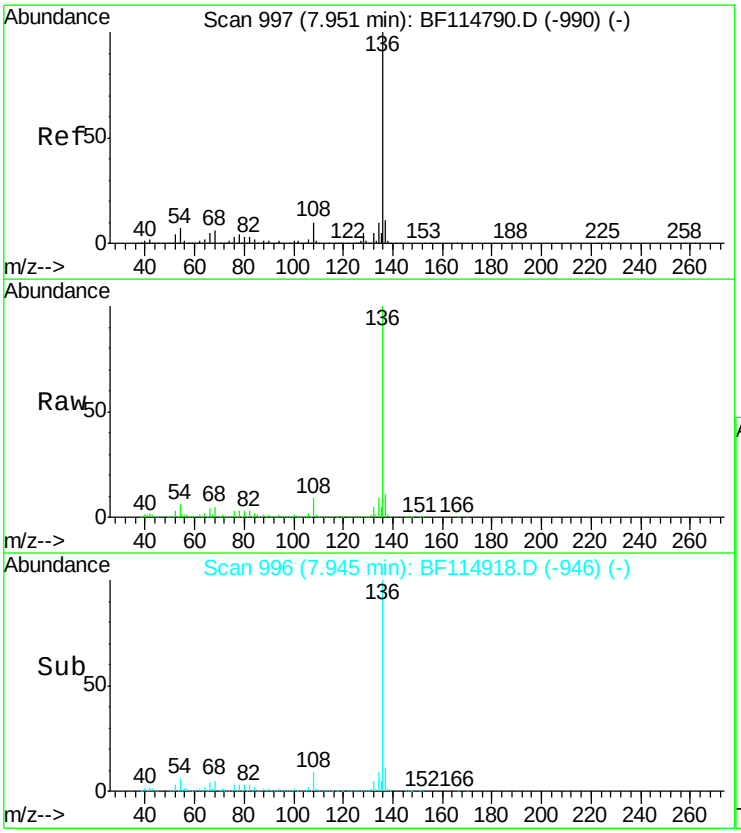
#7
Phenol-d6
Concen: 50.782 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion: 99 Resp: 1034622

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.3	19.9
71	31.2	26.3	39.5

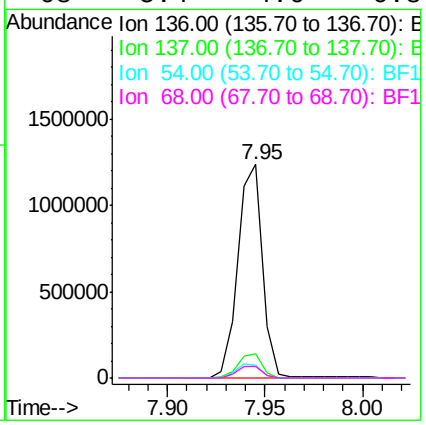


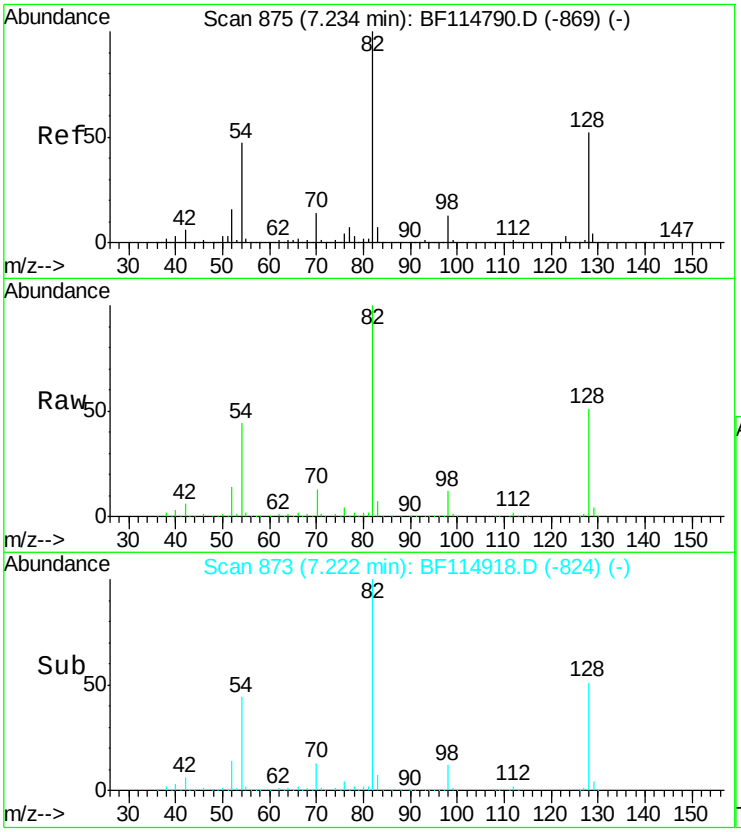


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:136 Resp: 1084674

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.1	5.4	8.0
68	5.4	4.6	6.8



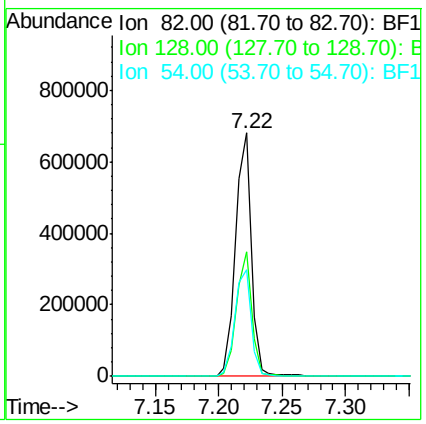


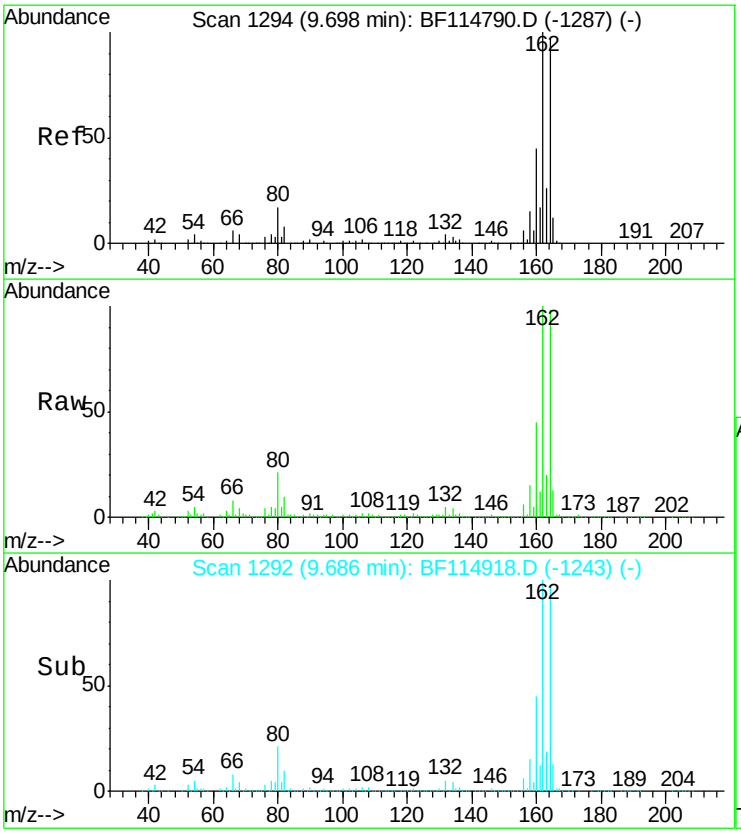
#23
Nitrobenzene-d5
Concen: 33.007 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion: 82 Resp: 581599

Ion	Ratio	Lower	Upper
82	100		
128	51.3	41.8	62.6
54	43.9	37.9	56.9

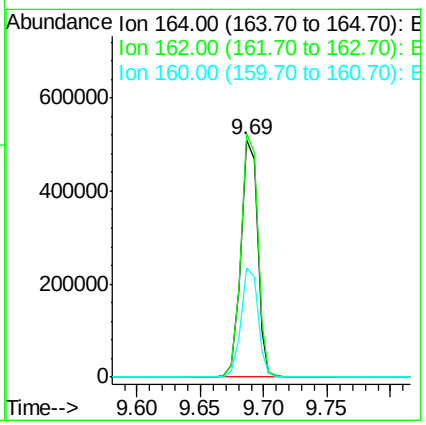


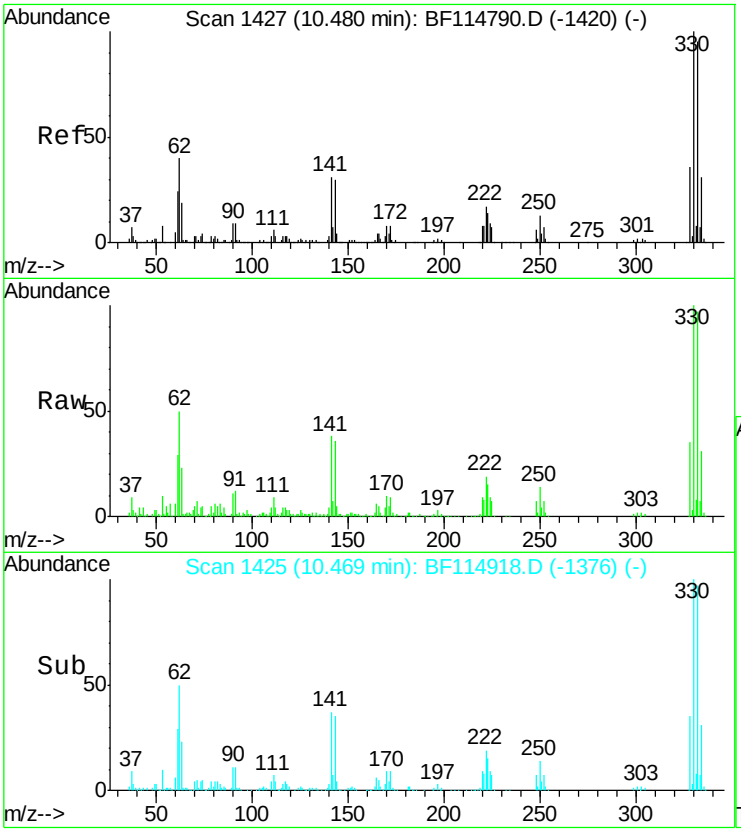


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:164 Resp: 465289

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.3	123.5
160	45.7	36.7	55.1



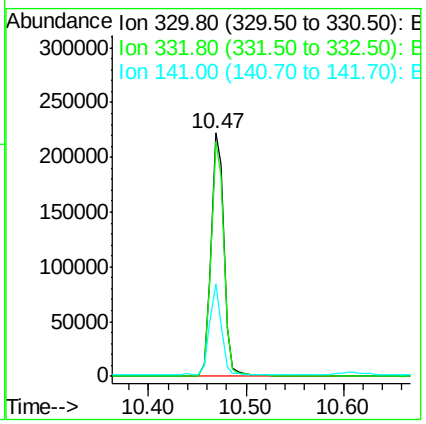


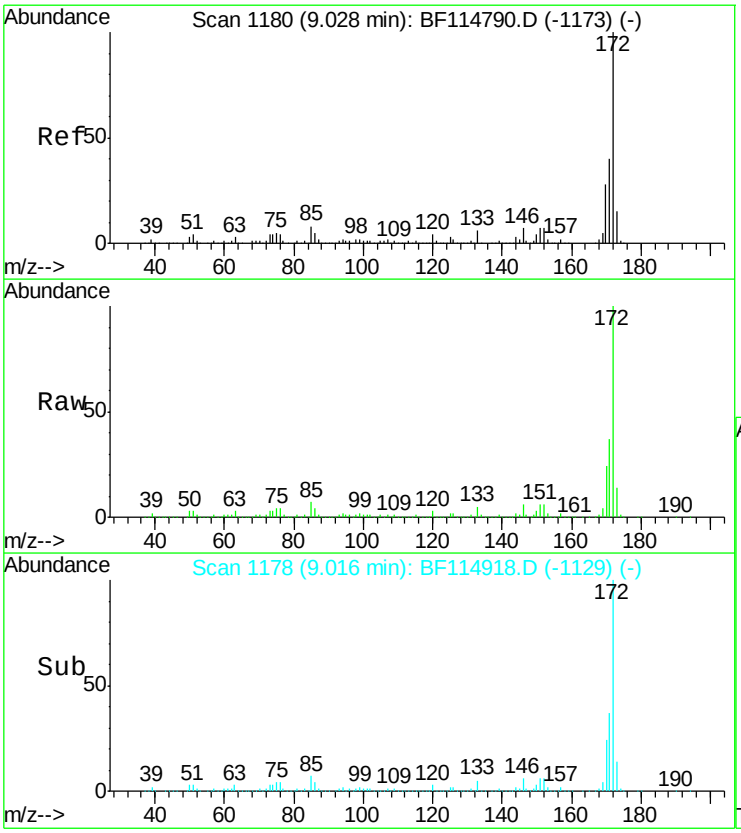
#42
2,4,6-Tribromophenol
Concen: 40.923 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:330 Resp: 205197

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	34.0	26.2	39.4

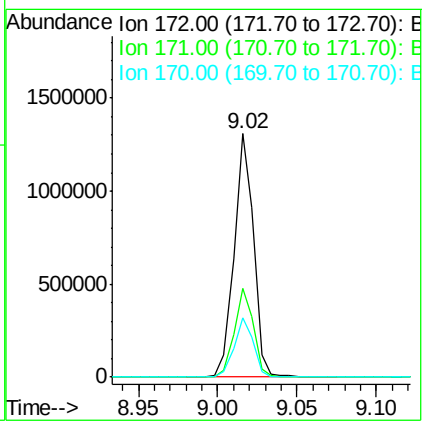


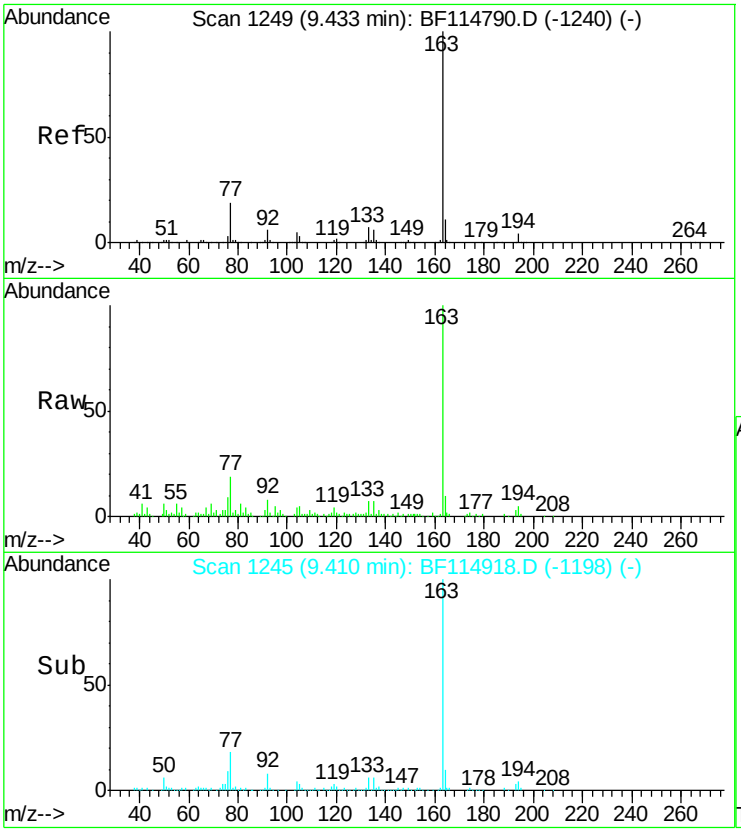


#45
2-Fluorobiphenyl
Concen: 44.930 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:172 Resp: 1115988

Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.3	48.5
170	24.1	22.4	33.6



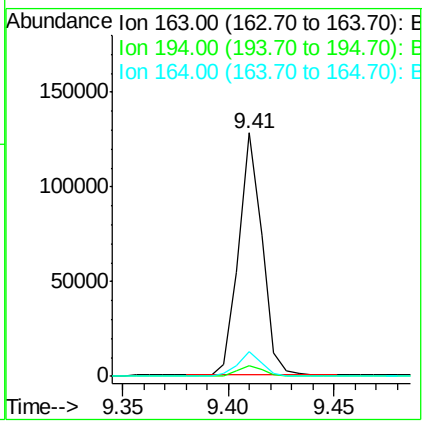


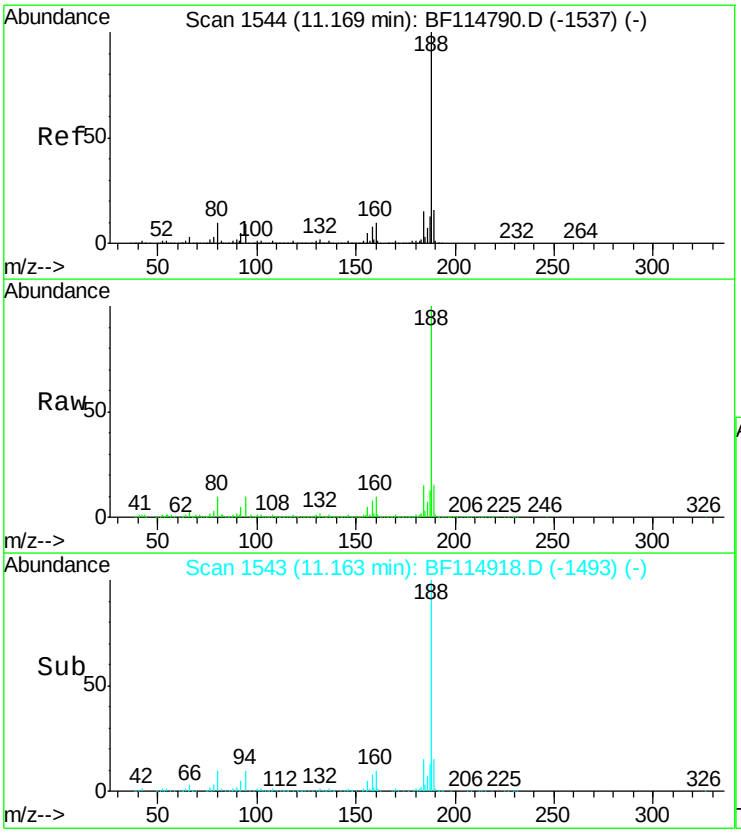
#50
Dimethylphthalate
Concen: 2.874 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:163 Resp: 97673

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.6	13.0

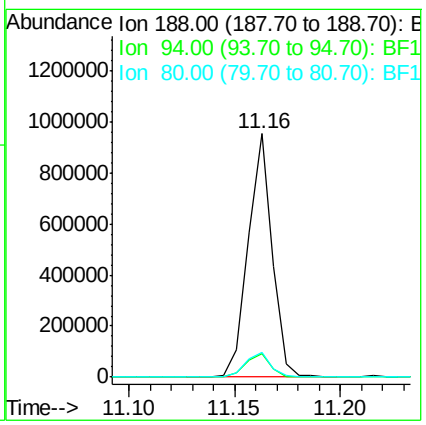


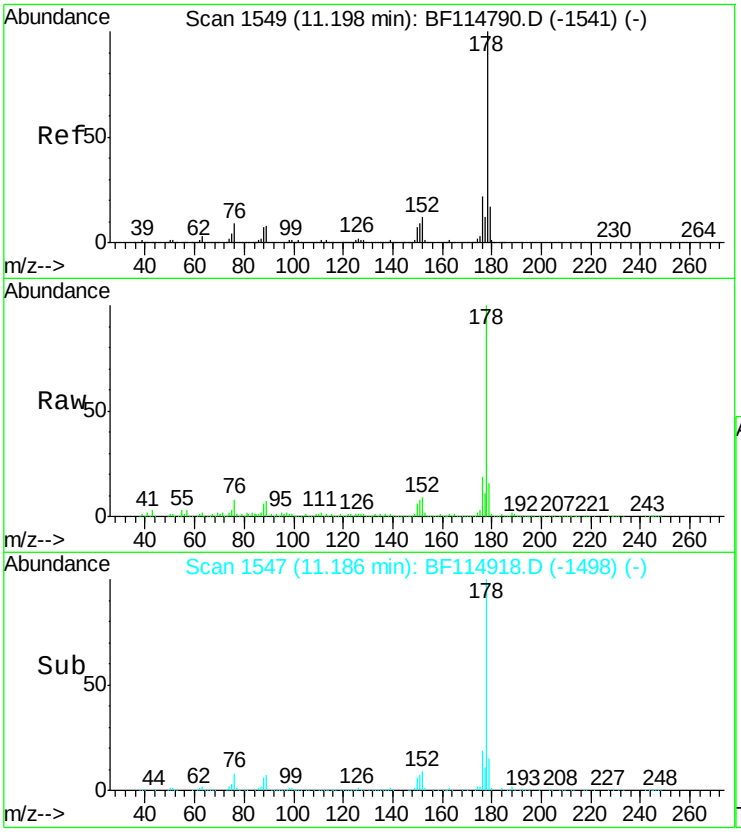


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:188 Resp: 757301

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	9.9	8.3	12.5



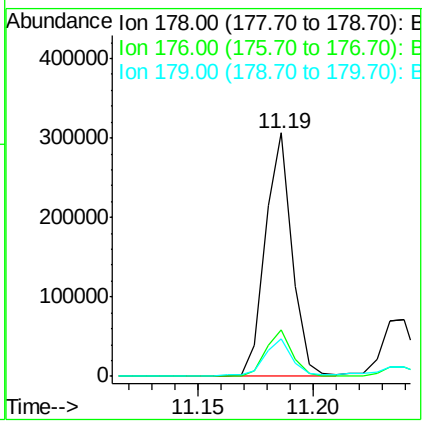


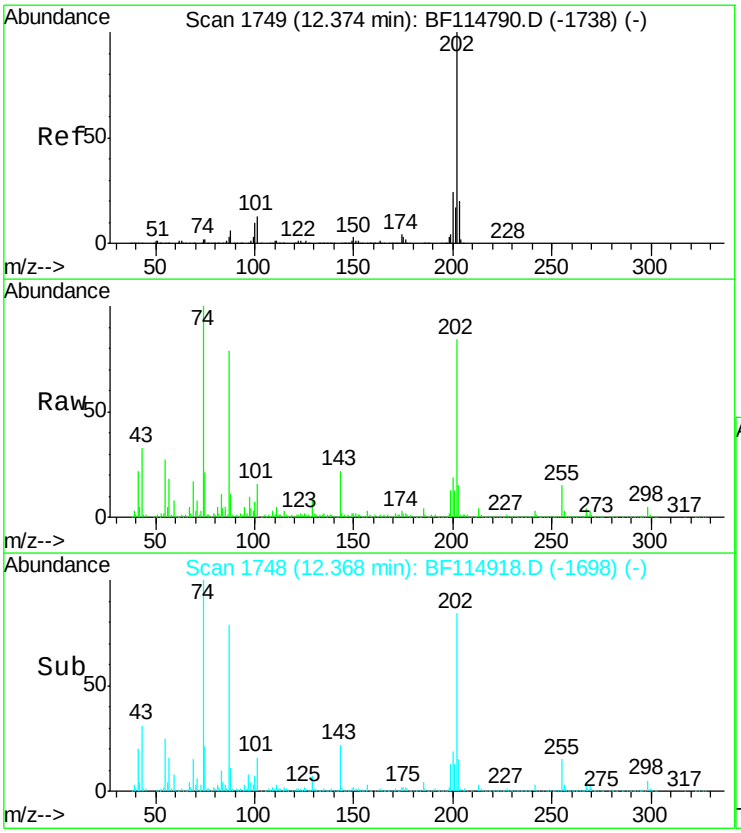
#71
Phenanthrene
Concen: 6.769 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:178 Resp: 244719

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.7	26.5
179	15.5	13.7	20.5

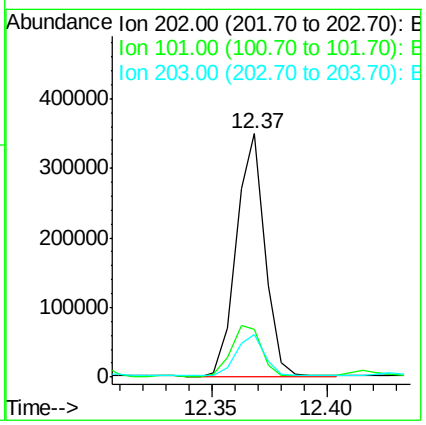


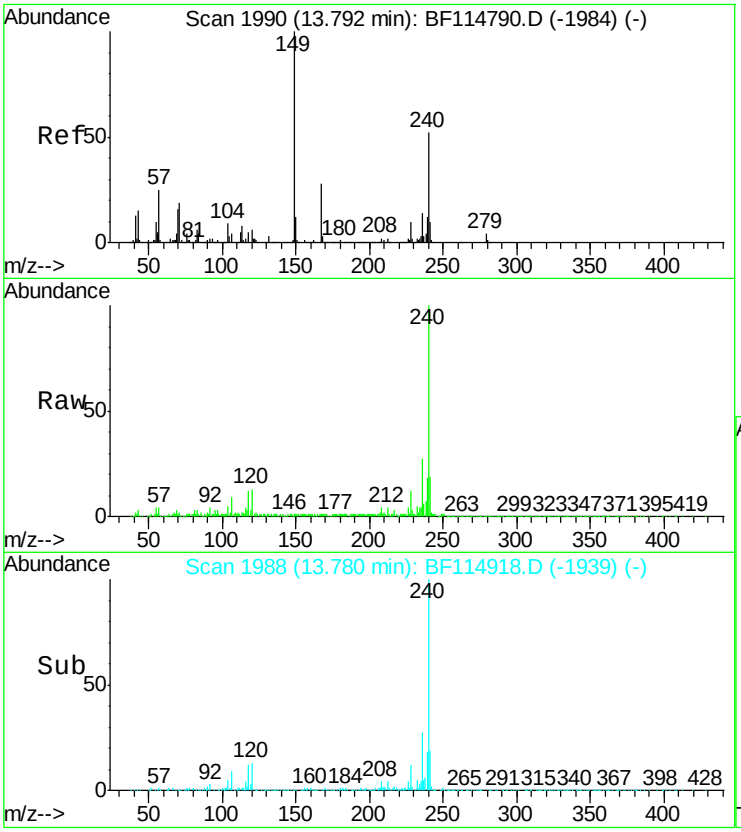


#75
Fluoranthene
Concen: 7.962 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:202 Resp: 299606

Ion	Ratio	Lower	Upper
202	100		
101	19.4	0.0	32.8
203	17.6	0.2	40.2



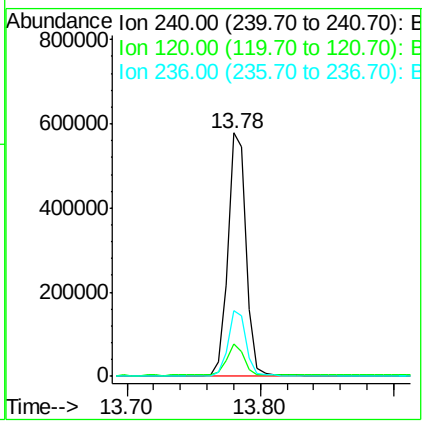


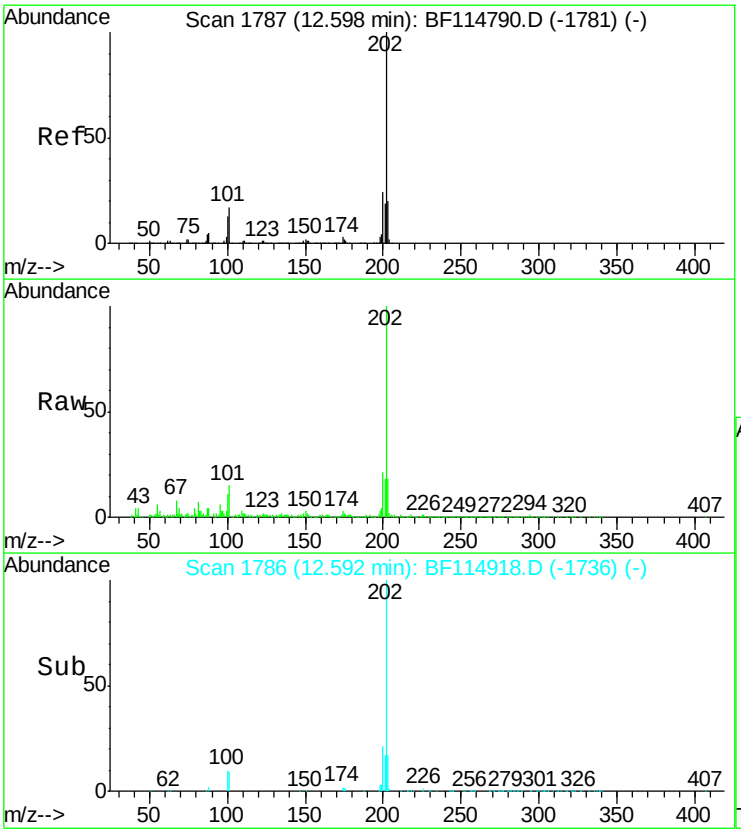
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:240 Resp: 552522

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.0	13.4
236	27.0	21.4	32.0

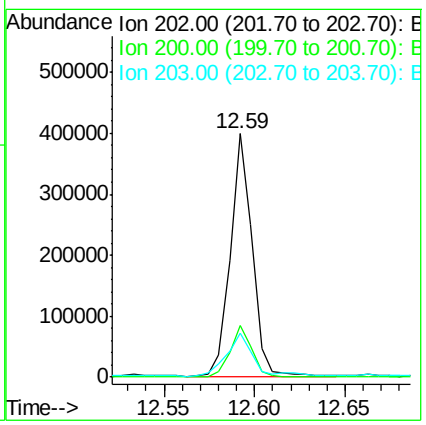


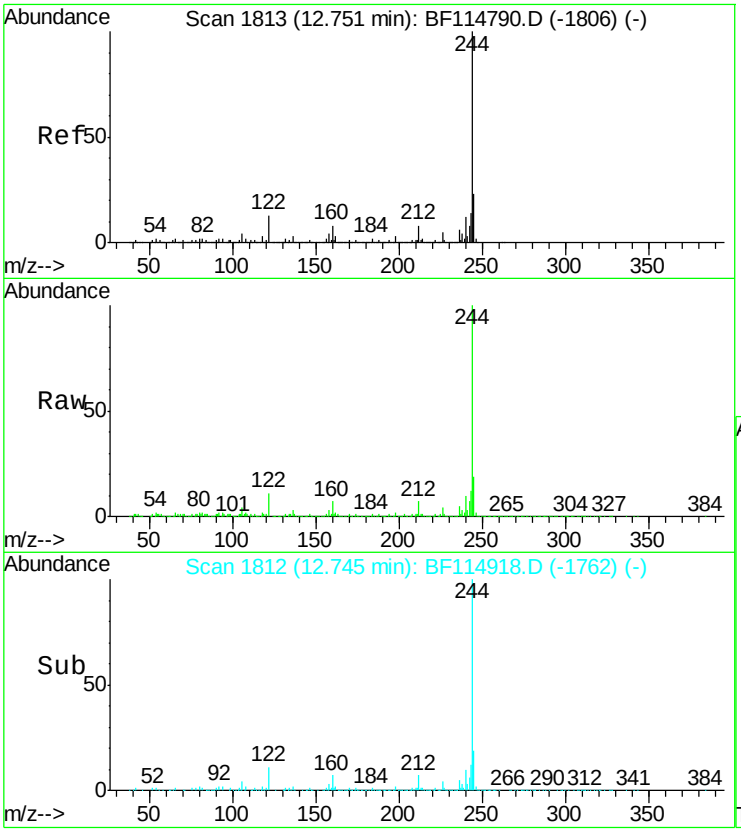


#78
Pyrene
Concen: 6.937 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:202 Resp: 332500

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



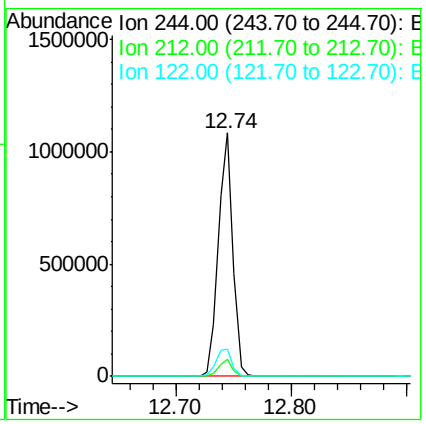


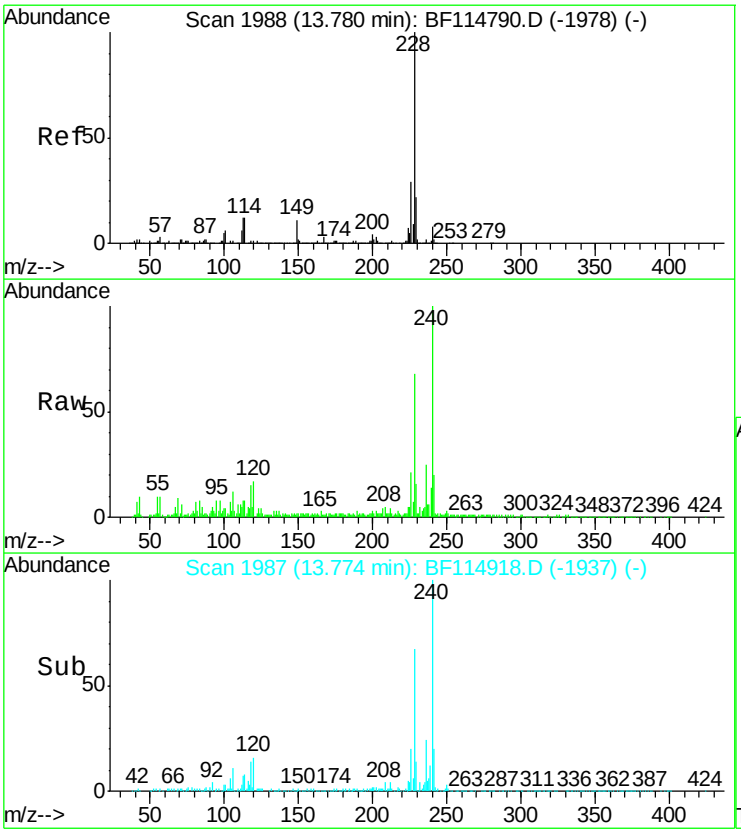
#79
Terphenyl-d14
Concen: 32.974 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:244 Resp: 936822

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	11.5	10.5	15.7

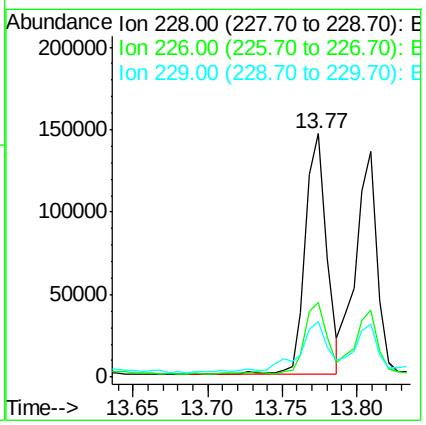


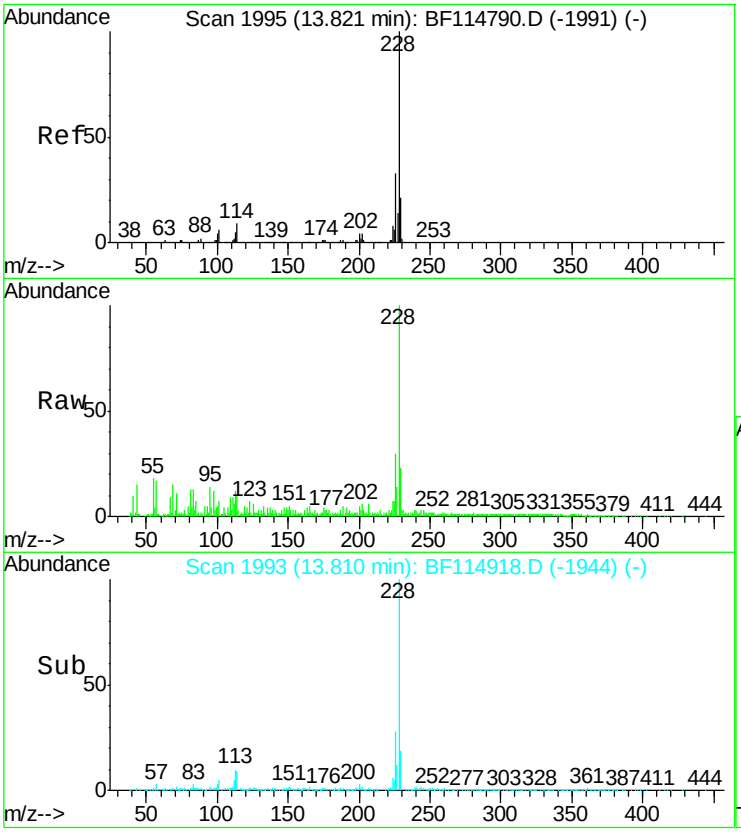


#81
Benzo(a)anthracene
Concen: 3.415 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:228 Resp: 145388

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.0	17.4	26.0



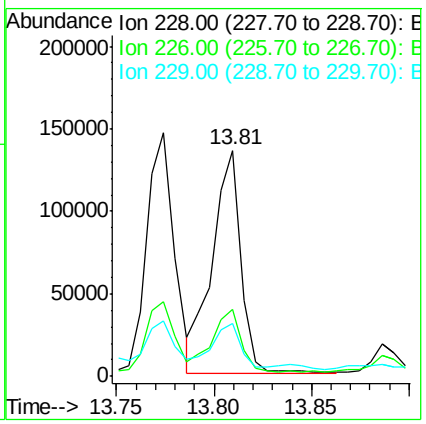


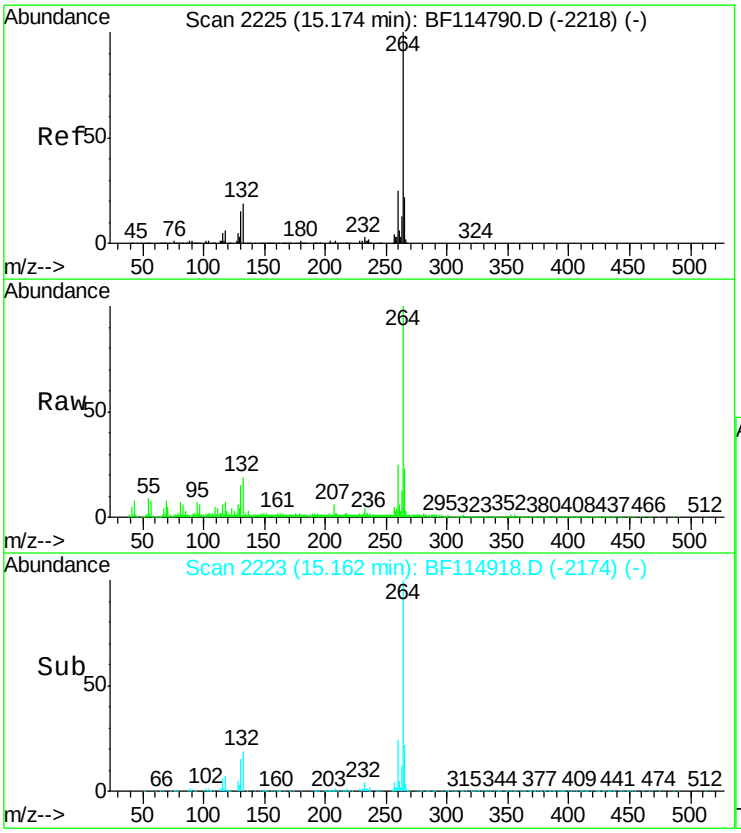
#83
Chrysene
Concen: 3.345 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:228 Resp: 138549

Ion	Ratio	Lower	Upper
228	100		
226	29.7	26.0	39.0
229	23.5	17.1	25.7

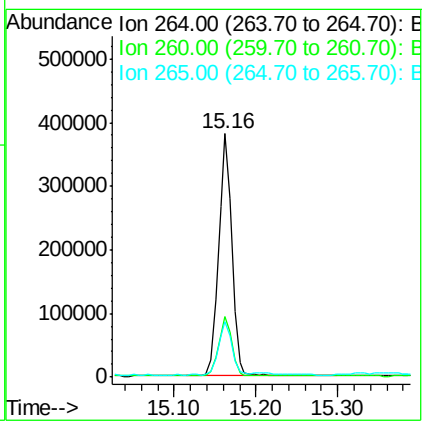


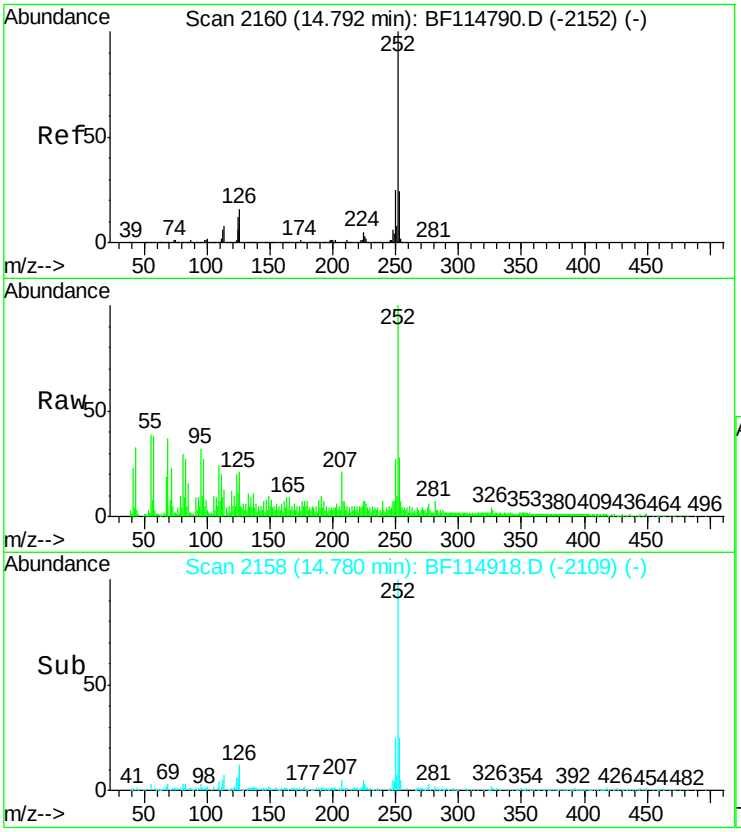


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:264 Resp: 430603

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	23.0	17.7	26.5



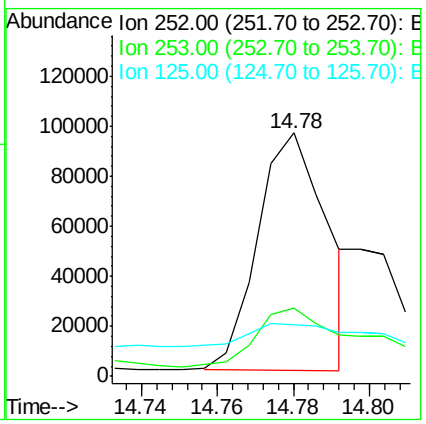


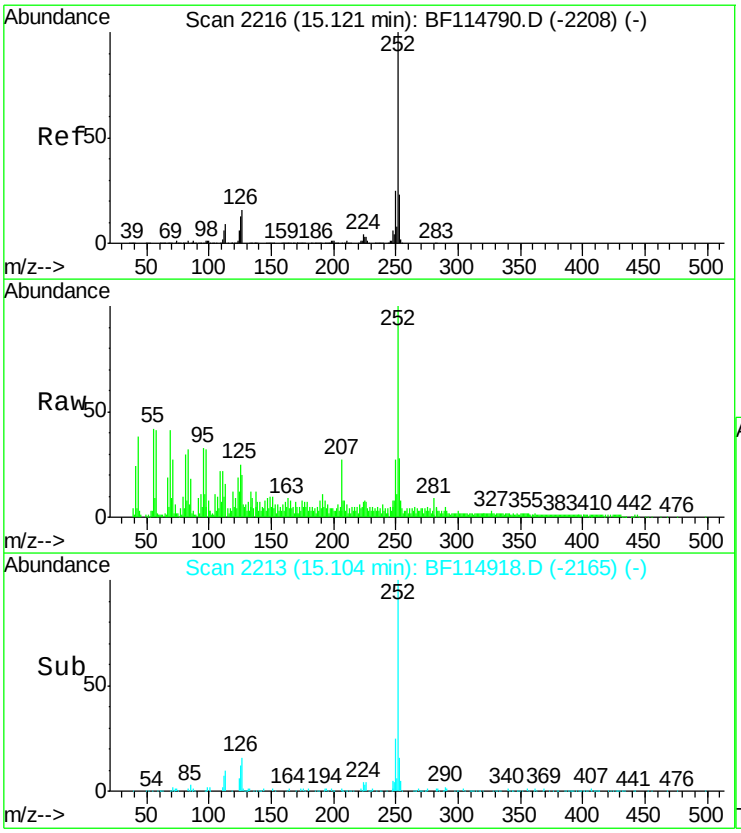
#88
Benzo(b)fluoranthene
Concen: 4.358 ng m
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:252 Resp: 119452

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.0	28.6
125	21.3	9.4	14.0#

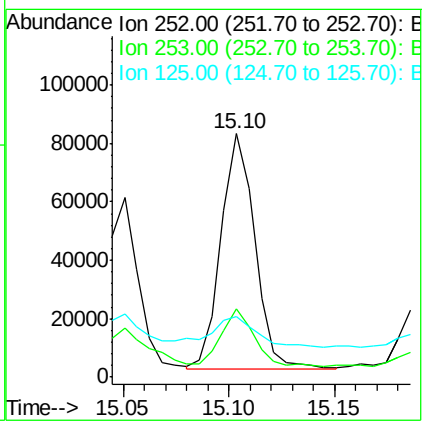


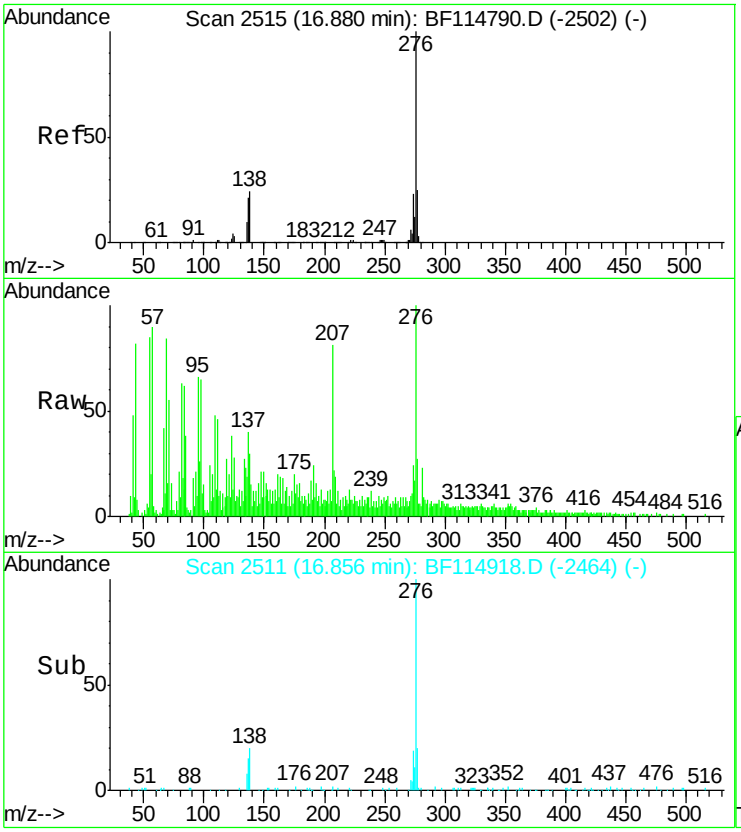


#90
Benzo(a)pyrene
Concen: 3.790 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

Tgt Ion:252 Resp: 89921

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.5	27.7#
125	24.8	10.1	15.1#





#92
Benzo(g,h,i)perylene
Concen: 2.290 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF114918.D
Acq: 8 Jun 2019 4:04

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

Tgt Ion:276 Resp: 51750

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.8	29.6
138	29.8	19.4	29.2#