Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114950.D
Acq On : 11 Jun 2019 18:29
Operator : HP/JU
Sample : K3160-03RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jun 12 04:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	269349	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1033332	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	471341	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	801573	20.00	ng		0.00
76) Chrysene-d12	13.79	240	600567	20.00	ng		0.00
87) Perylene-d12	15.17	264	588940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	753215	47.33	ng		0.00
7) Phenol-d6	6.30	99	955136	49.76	ng		0.00
23) Nitrobenzene-d5	7.22	82	567235	33.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	215786	42.09	ng		-0.01
45) 2-Fluorobiphenyl	9.02	172	1119252	37.69	ng		0.00
79) Terphenyl-d14	12.74	244	967351	32.03	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	76879	6.404	ng	#	77
25) Isophorone	7.22	82	553448	16.805	ng	#	62
50) Dimethylphthalate	9.41	163	98362	2.777	ng		98
51) 2,6-Dinitrotoluene	9.69	165	65849	8.093	ng	#	30
57) 2,4-Dinitrotoluene	9.69	165	65849	6.402	ng	#	27
71) Phenanthrene	11.19	178	281923	7.249	ng		96
75) Fluoranthene	12.37	202	386024	9.597	ng		93
78) Pyrene	12.59	202	383152	7.325	ng		97
81) Benzo(a)anthracene	13.77	228	207145	4.665	ng		96
83) Chrysene	13.81	228	200320	4.492	ng		96
86) Indeno(1,2,3-cd)pyrene	16.49	276	119722	2.856	ng		98
88) Benzo(b)fluoranthene	14.79	252	409988	10.693	ng	#	91
89) Benzo(k)fluoranthene	14.79	252	409988	12.321	ng	#	91
90) Benzo(a)pyrene	15.12	252	217315	6.525	ng	#	91
92) Benzo(g,h,i)perylene	16.87	276	111971	3.993	ng	#	91

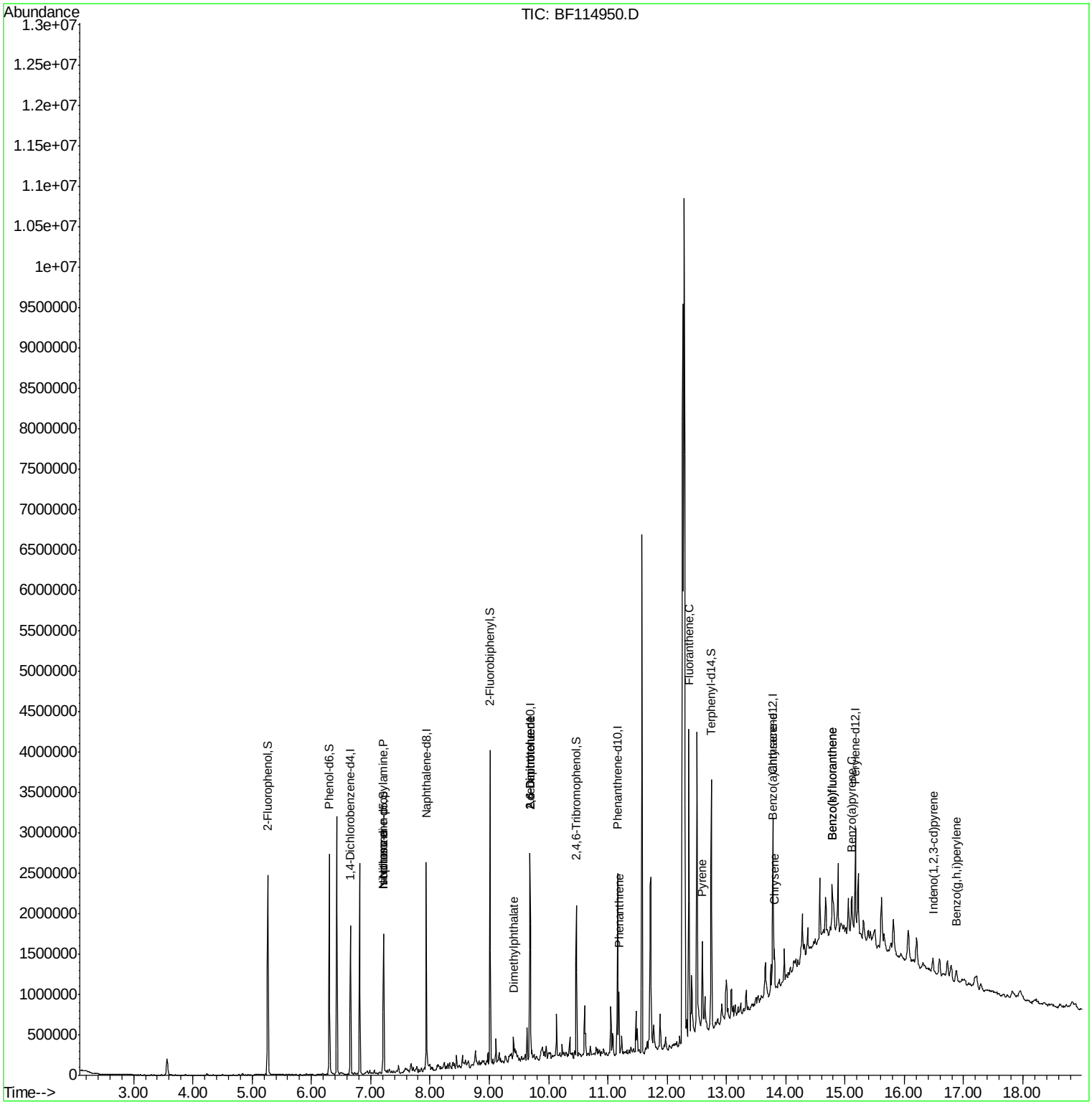
(#) = qualifier out of range (m) = manual integration (+) = signals summed

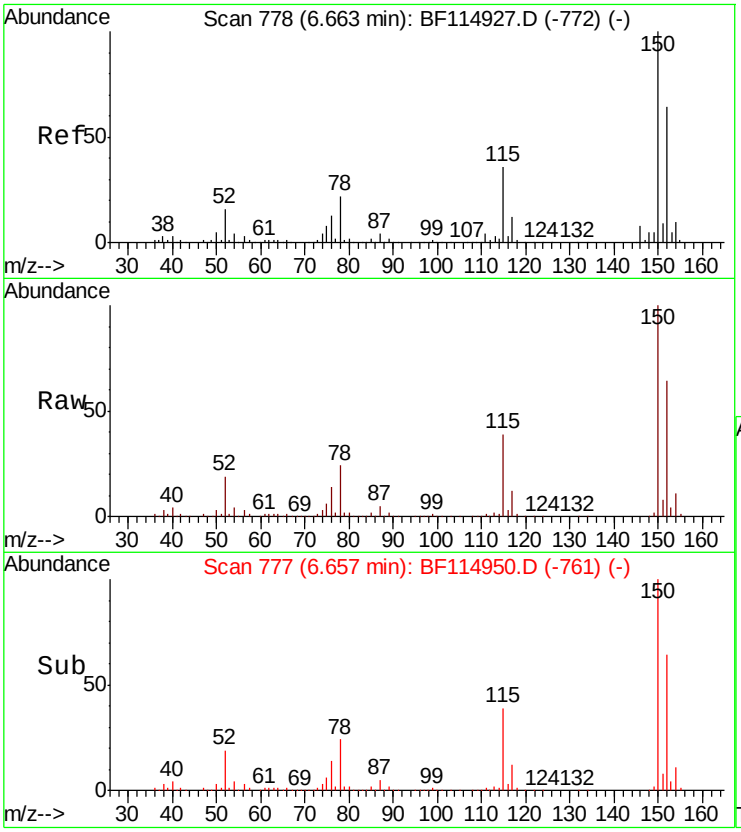
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114950.D
Acq On : 11 Jun 2019 18:29
Operator : HP/JU
Sample : K3160-03RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jun 12 04:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



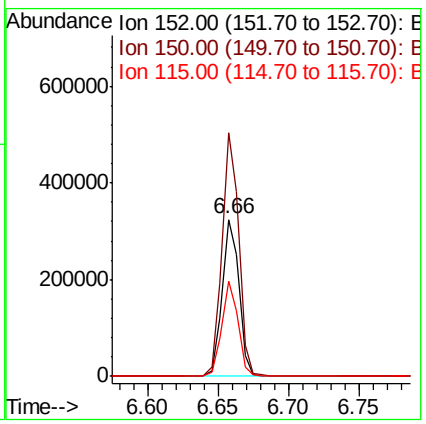


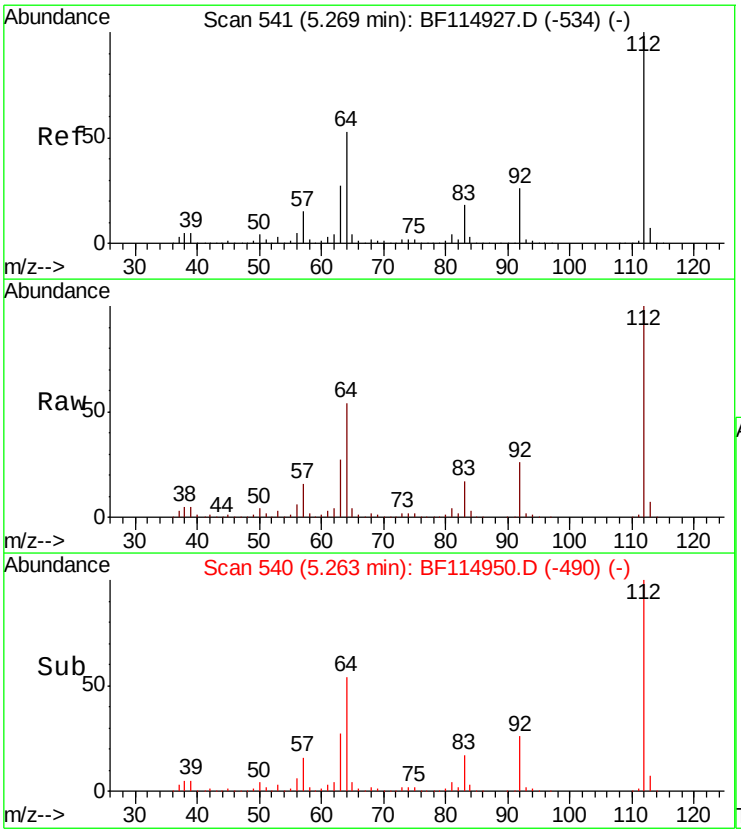
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:152 Resp: 269349

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	60.6	45.0	67.4

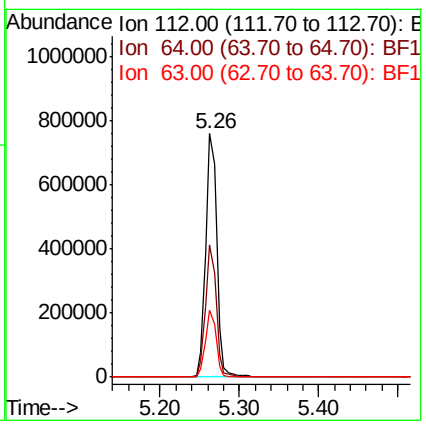


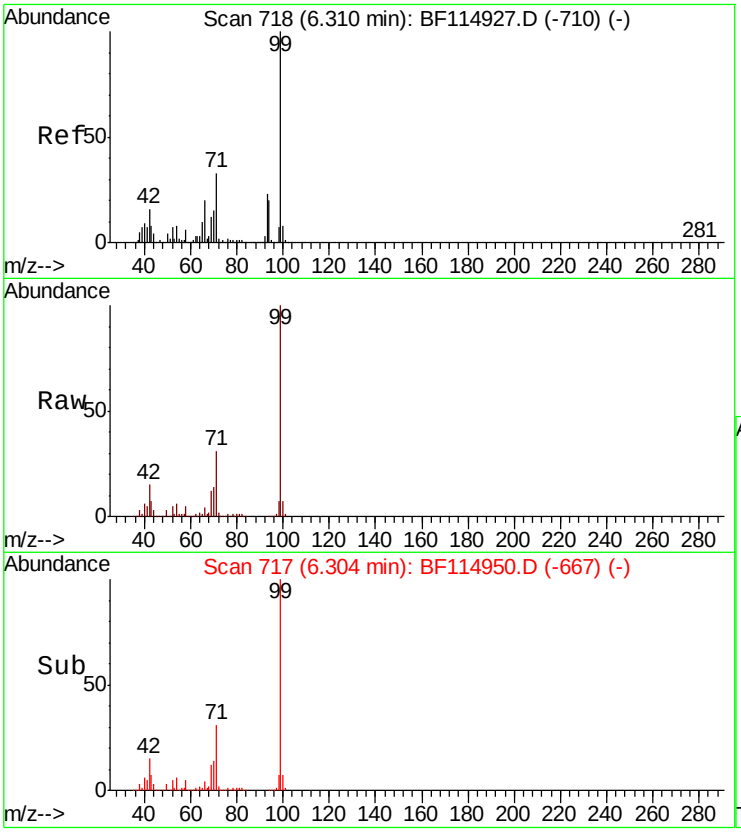


#5
2-Fluorophenol
Concen: 47.327 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:112 Resp: 753215

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.1	63.1
63	27.4	21.8	32.8



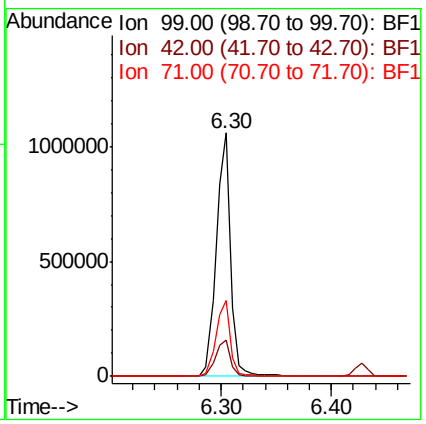


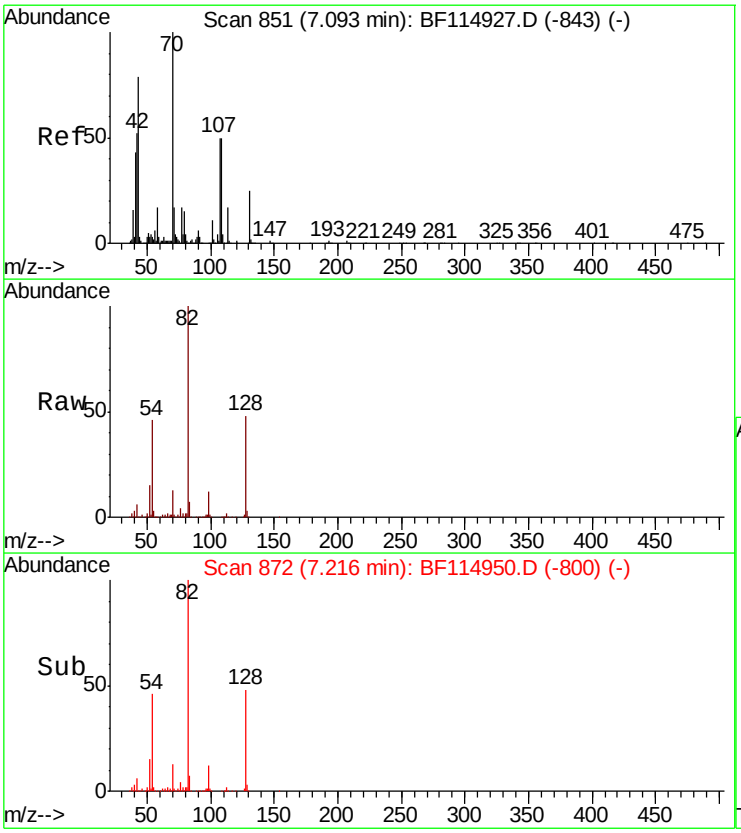
#7
Phenol-d6
Concen: 49.755 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion: 99 Resp: 955136

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.1	19.7
71	30.9	26.8	40.2

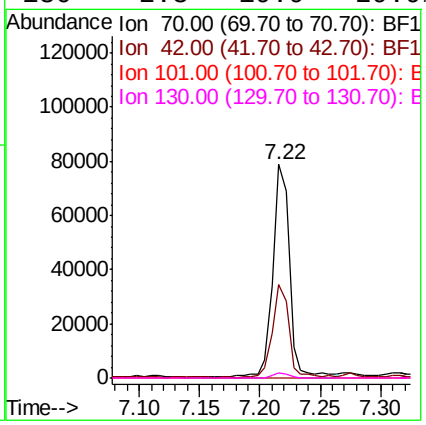


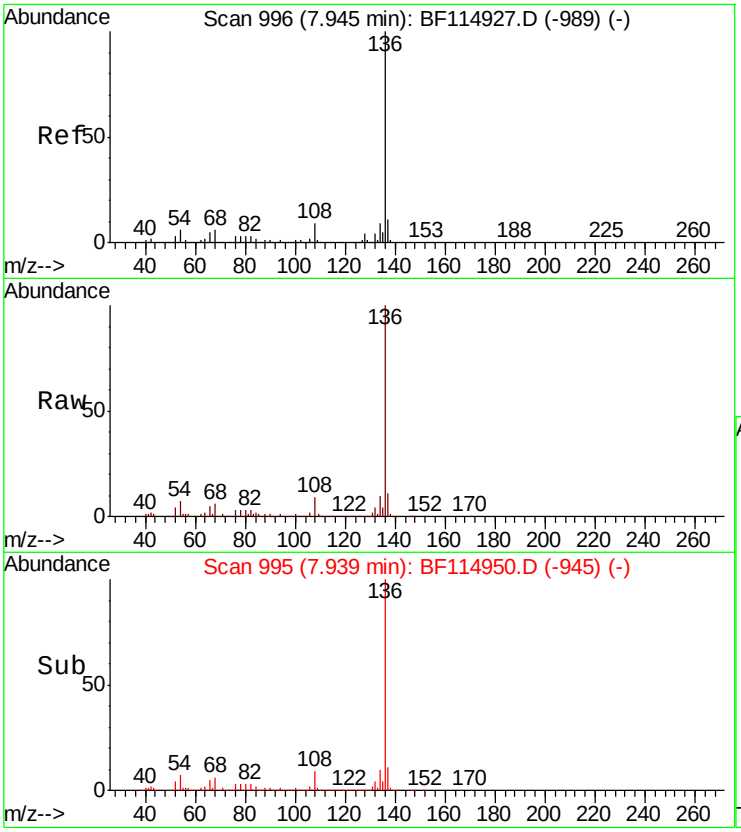


#19
n-Nitroso-di-n-propylamine
Concen: 6.404 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion: 70 Resp: 76879

Ion	Ratio	Lower	Upper
70	100		
42	44.0	41.7	62.5
101	0.0	8.4	12.6#
130	2.3	19.9	29.9#



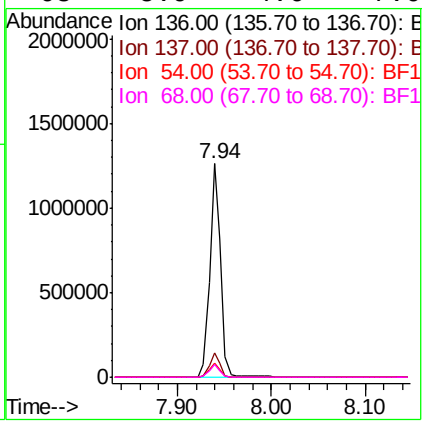


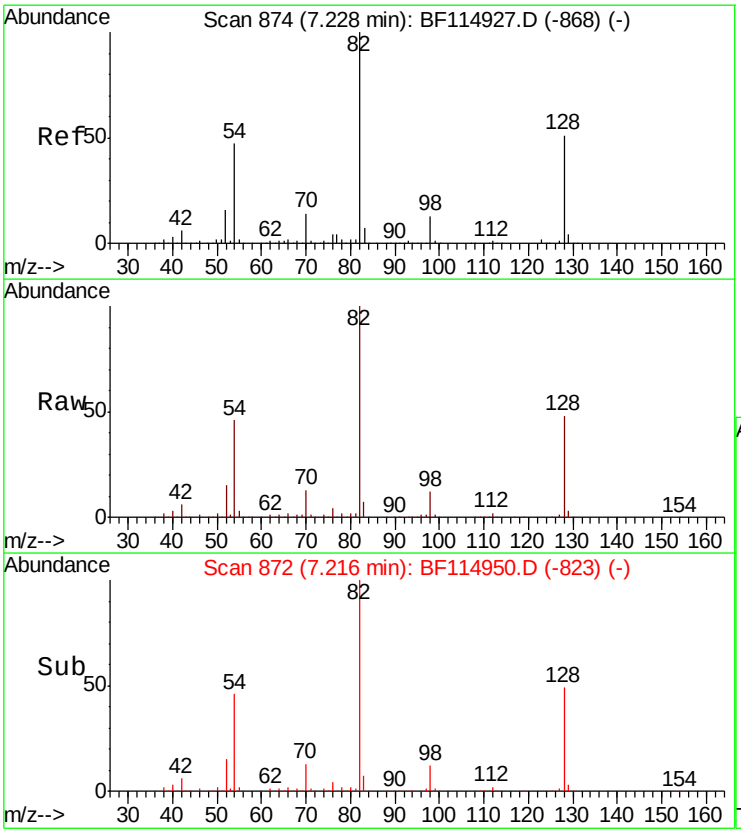
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:136 Resp: 1033332

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.8	5.2	7.8
68	5.9	4.6	7.0

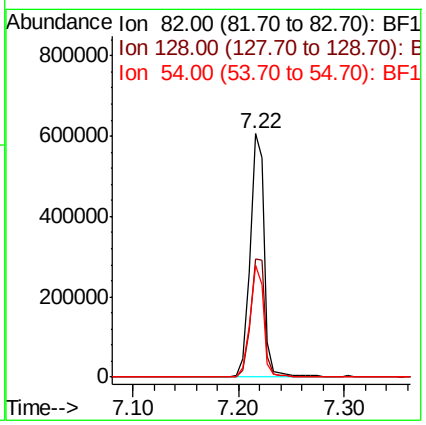


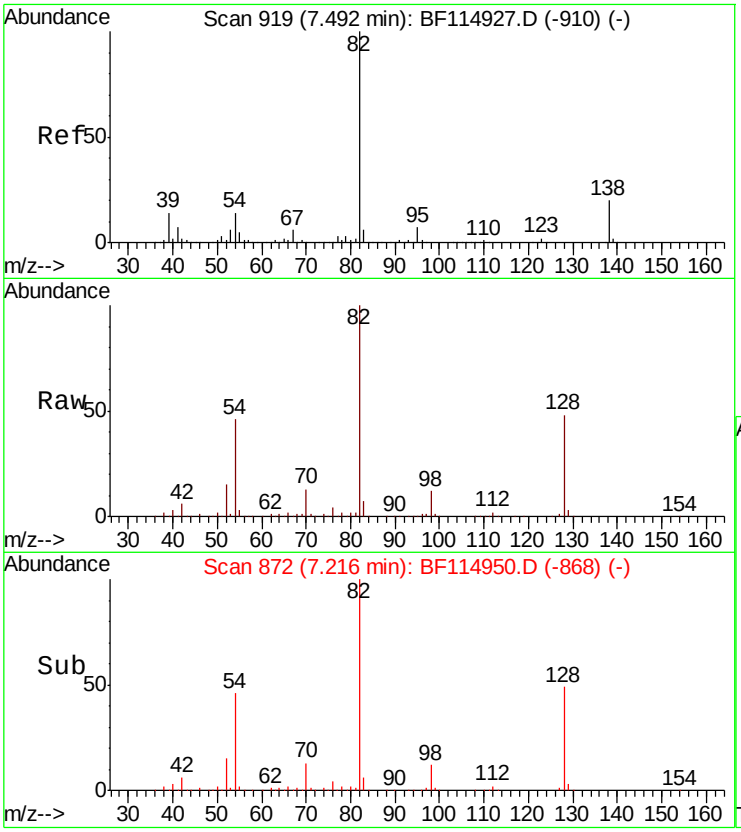


#23
Nitrobenzene-d5
Concen: 33.728 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion: 82 Resp: 567235

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.9	61.3
54	46.0	37.4	56.0



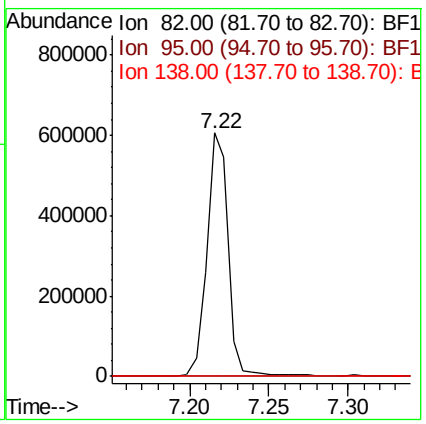


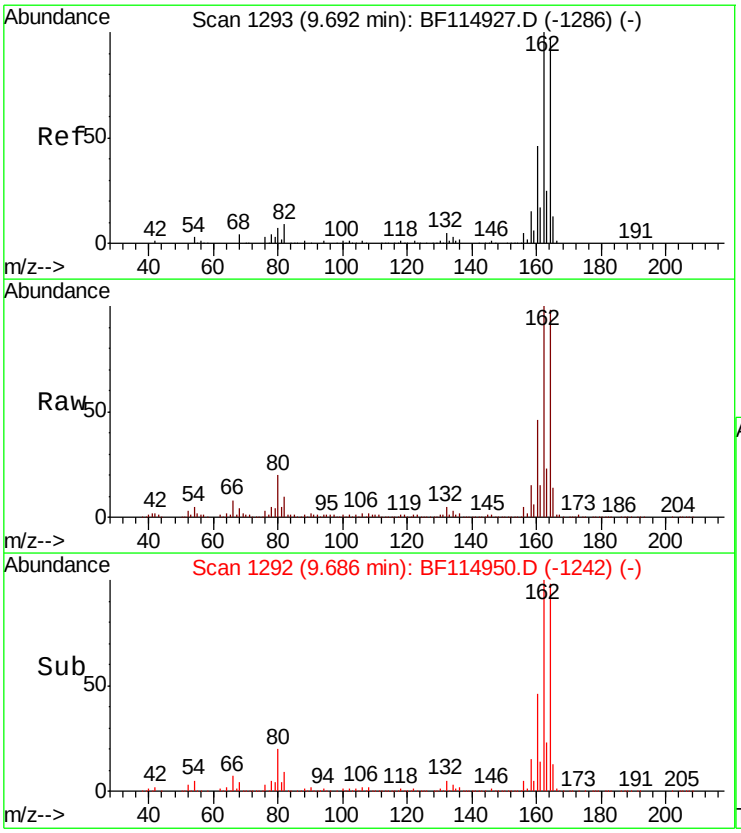
#25
Isophorone
Concen: 16.805 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.28 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion: 82 Resp: 553448

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	16.4	24.6#

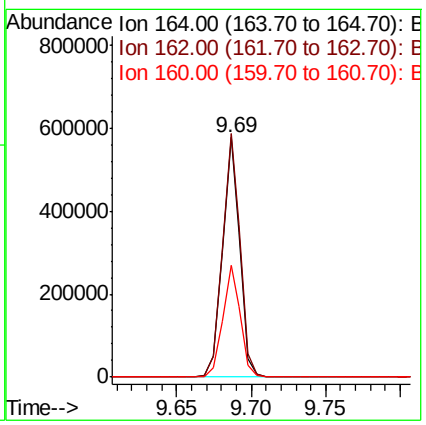


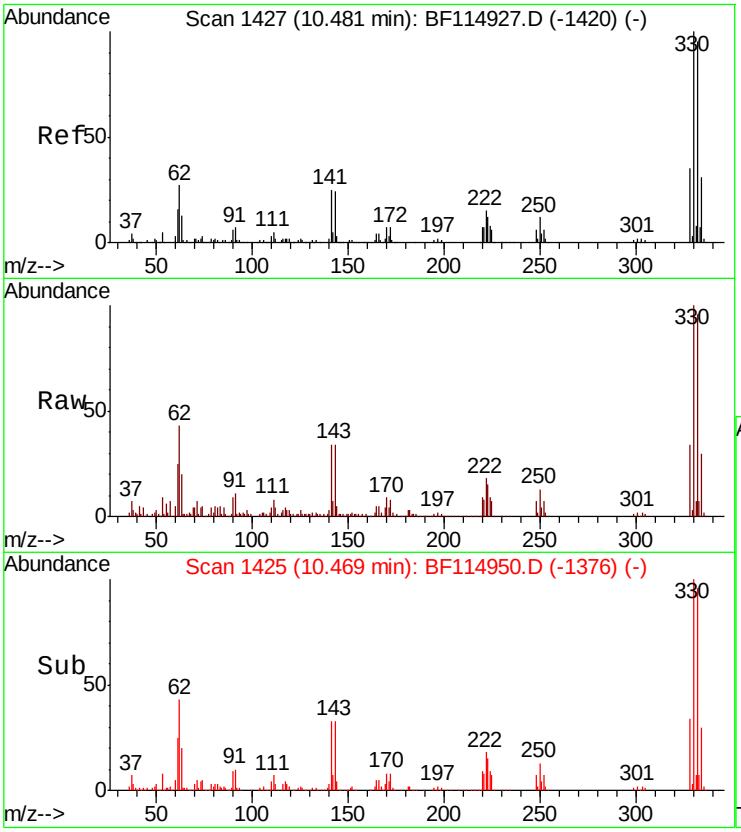


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:164 Resp: 471341

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	46.8	37.5	56.3



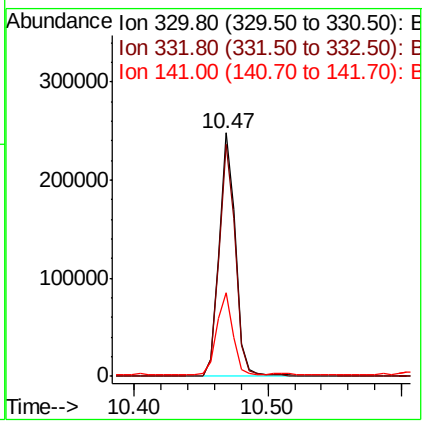


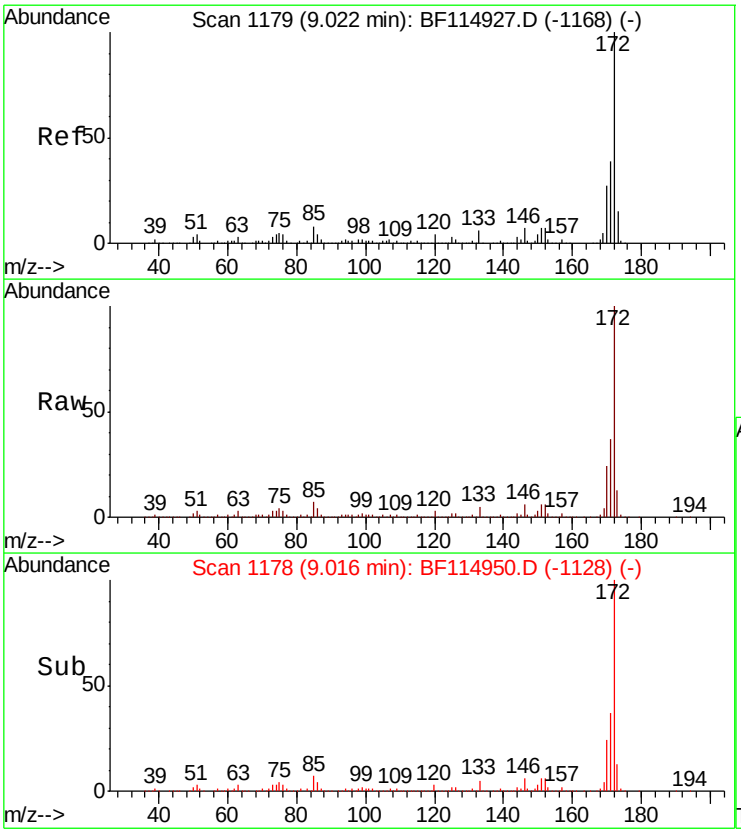
#42
2,4,6-Tribromophenol
Concen: 42.086 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:330 Resp: 215786

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.4	114.6
141	33.9	26.8	40.2

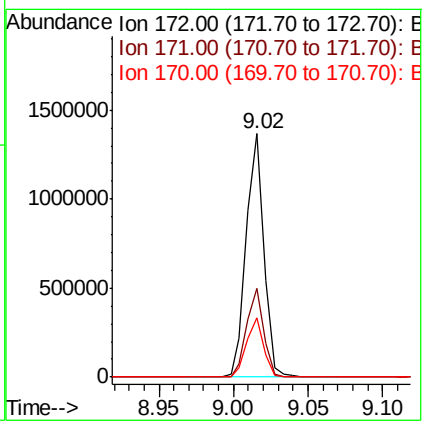


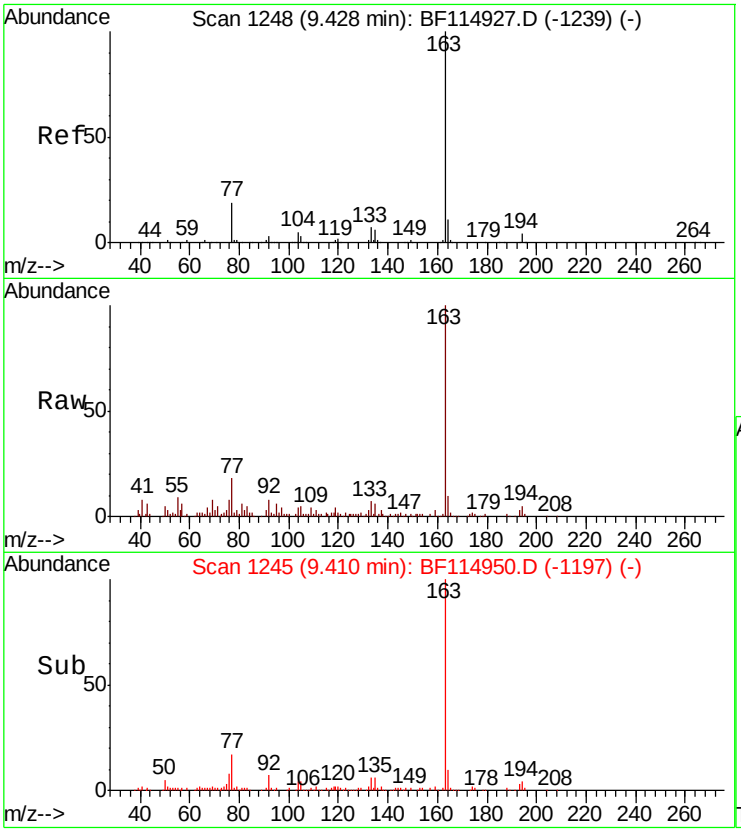


#45
2-Fluorobiphenyl
Concen: 37.687 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:172 Resp: 1119252

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	24.2	21.4	32.0



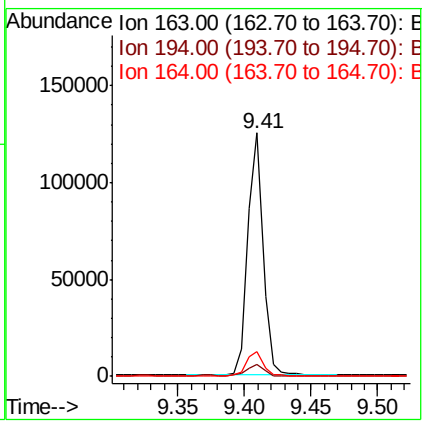


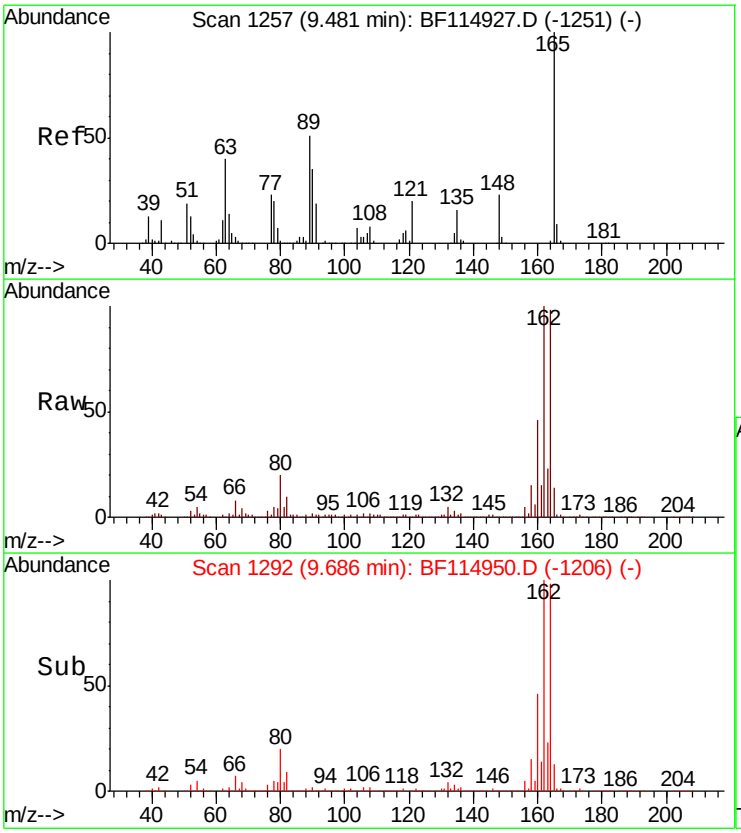
#50
Dimethylphthalate
Concen: 2.777 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:163 Resp: 98362

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.1	8.7	13.1

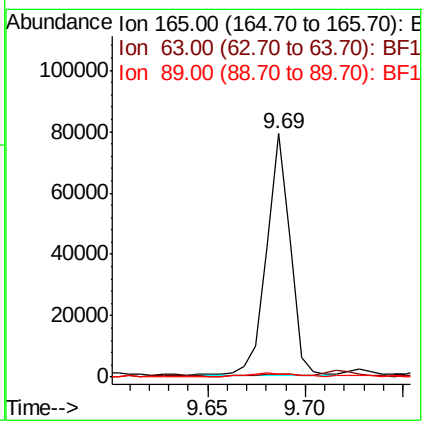


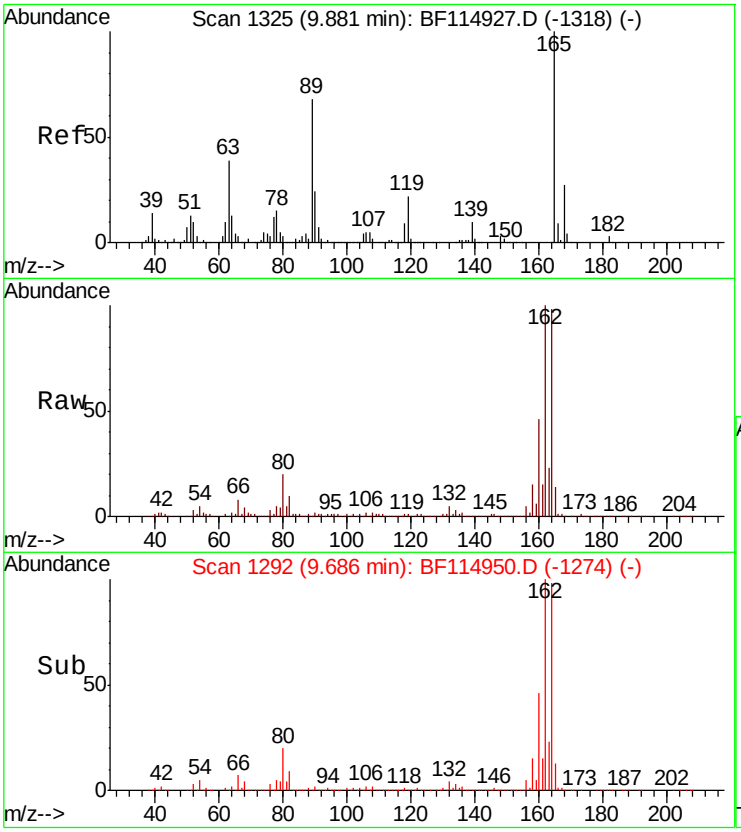


#51
2,6-Dinitrotoluene
Concen: 8.093 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:165 Resp: 65849

Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.3	57.5#
89	1.4	40.8	61.2#



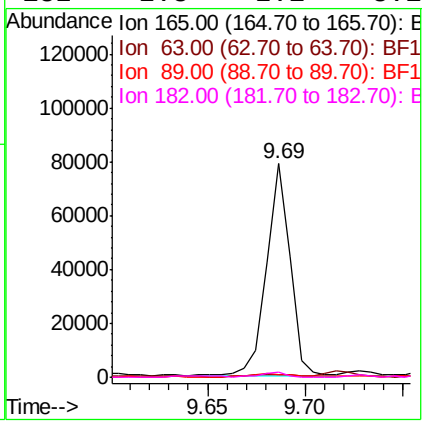


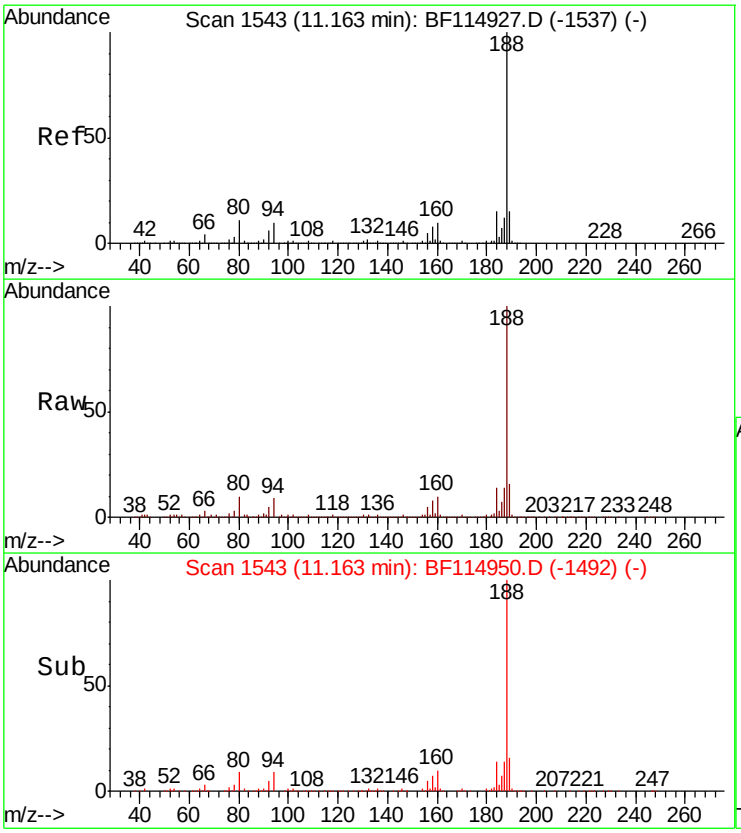
#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.19 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:165 Resp: 65849

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.8	47.6#
89	1.4	54.2	81.2#
182	2.3	2.1	3.1

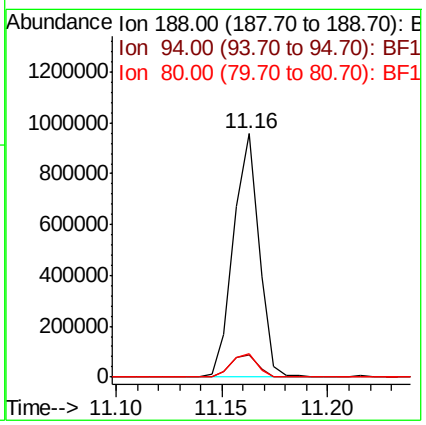


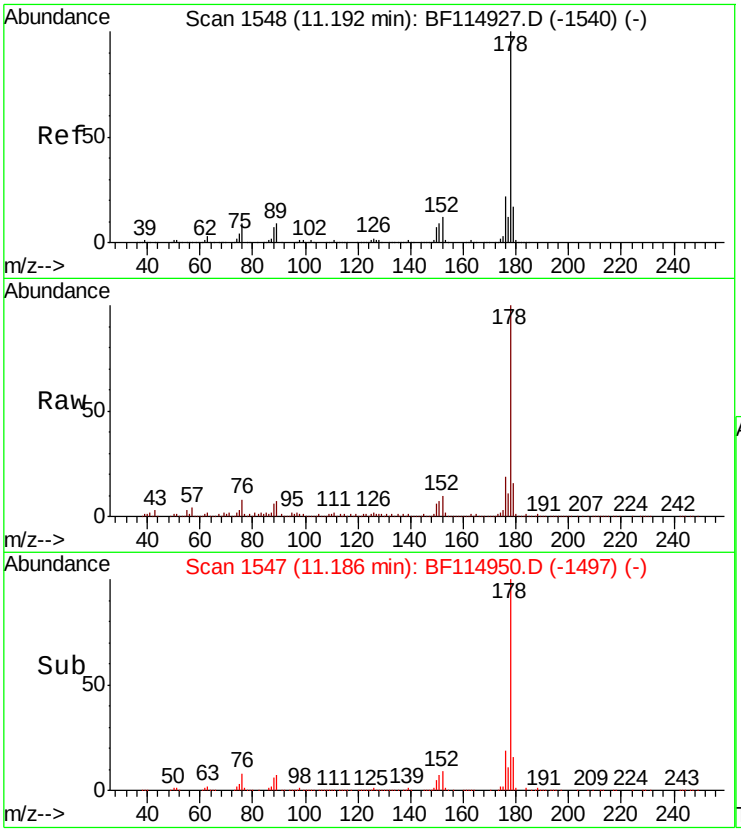


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:188 Resp: 801573

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.6	8.6	12.8



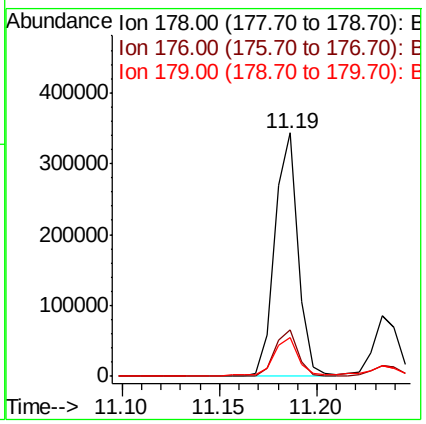


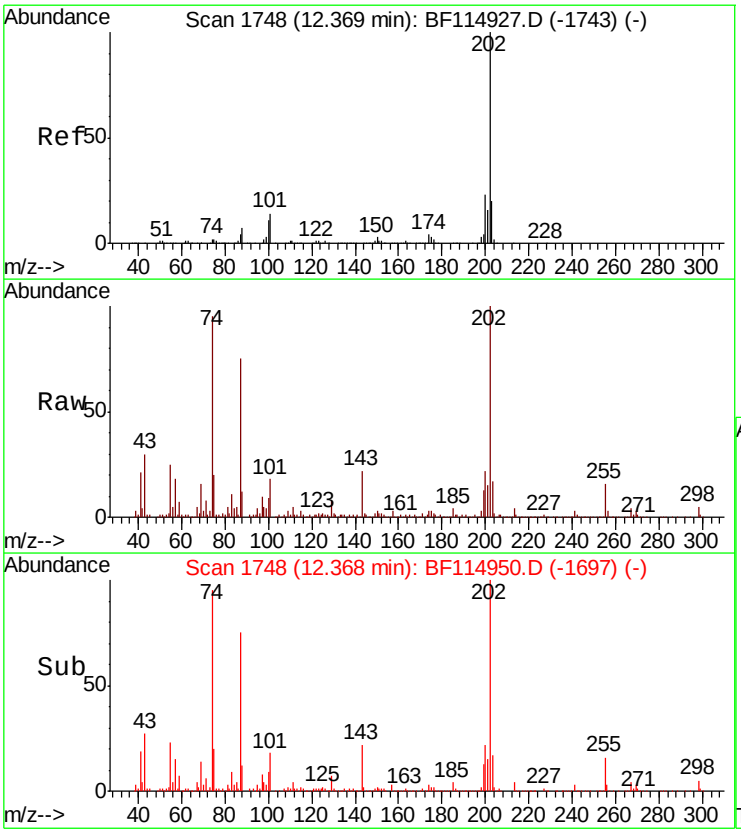
#71
Phenanthrene
Concen: 7.249 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:178 Resp: 281923

Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.4	26.2
179	16.1	13.6	20.4

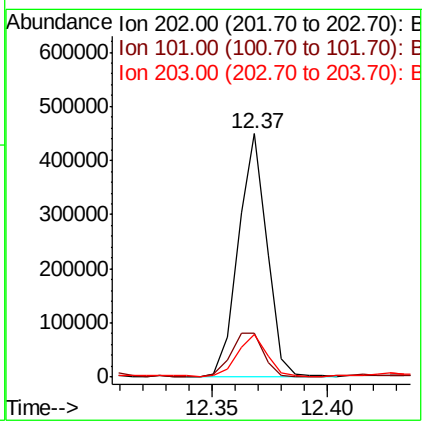


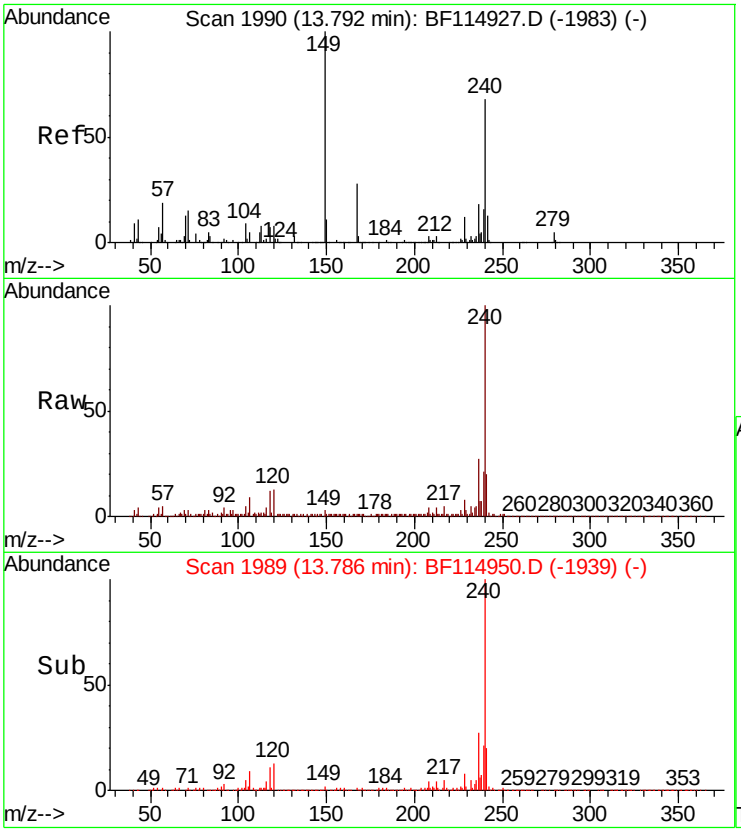


#75
Fluoranthene
Concen: 9.597 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:202 Resp: 386024

Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	34.3
203	17.3	0.0	39.6



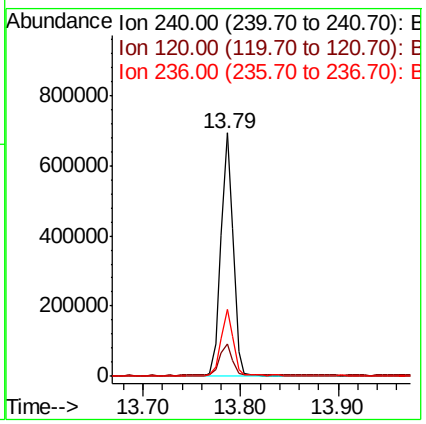


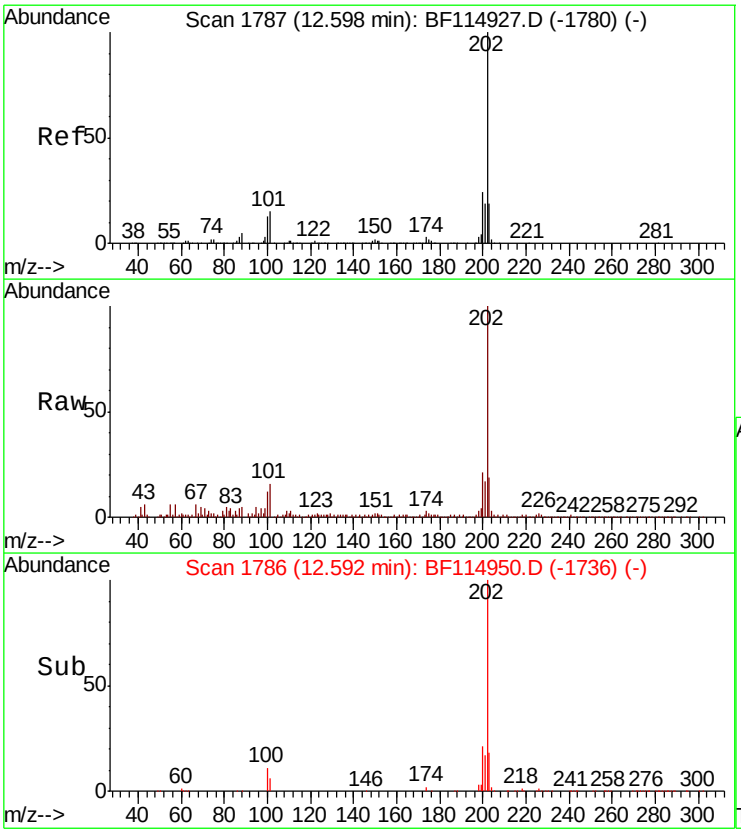
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:240 Resp: 600567

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	27.3	21.7	32.5

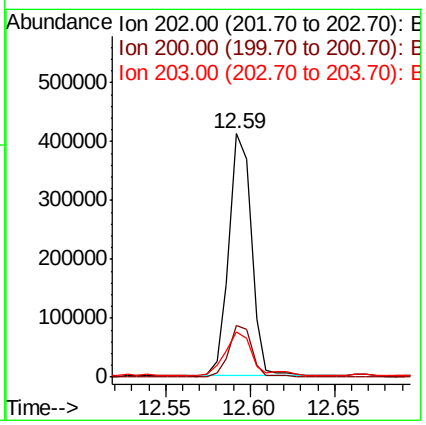


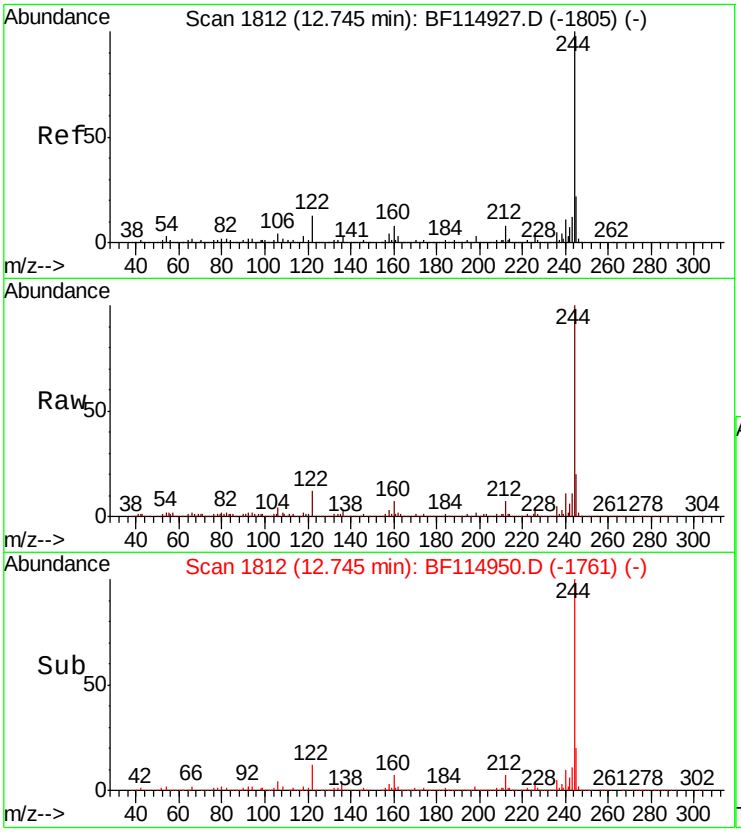


#78
Pyrene
Concen: 7.325 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:202 Resp: 383152

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.9	28.3
203	18.6	15.2	22.8



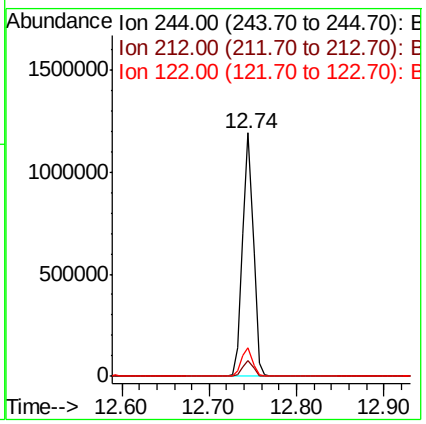


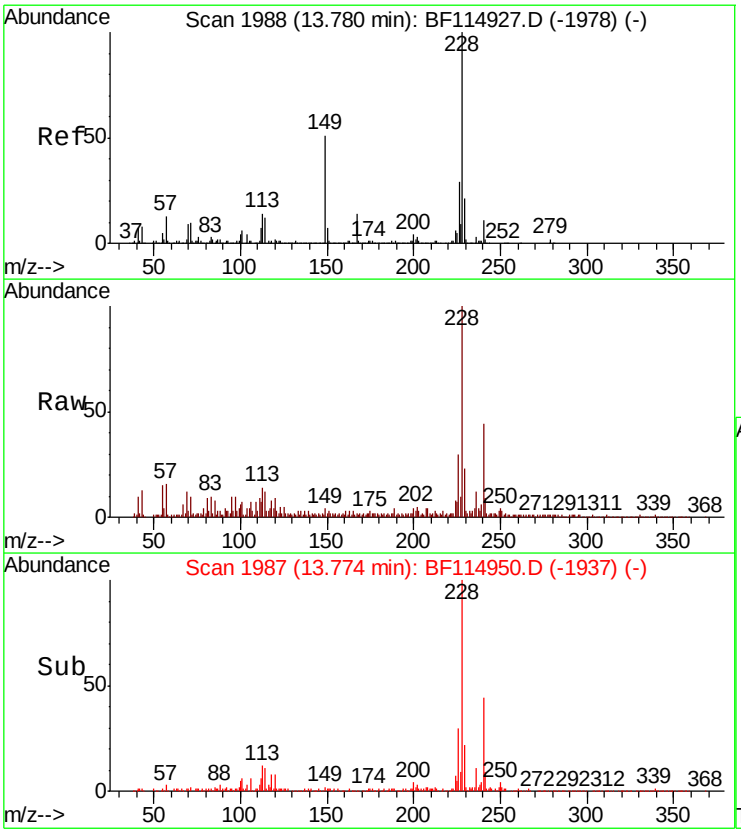
#79
Terphenyl-d14
Concen: 32.033 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:244 Resp: 967351

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	11.7	10.2	15.4

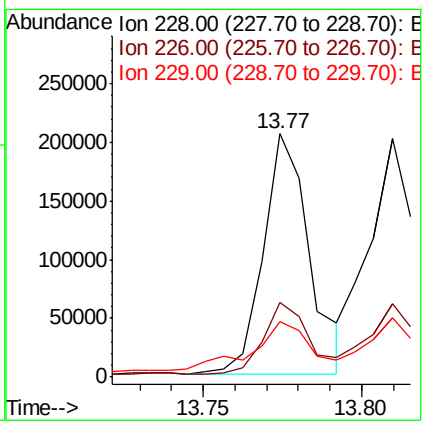


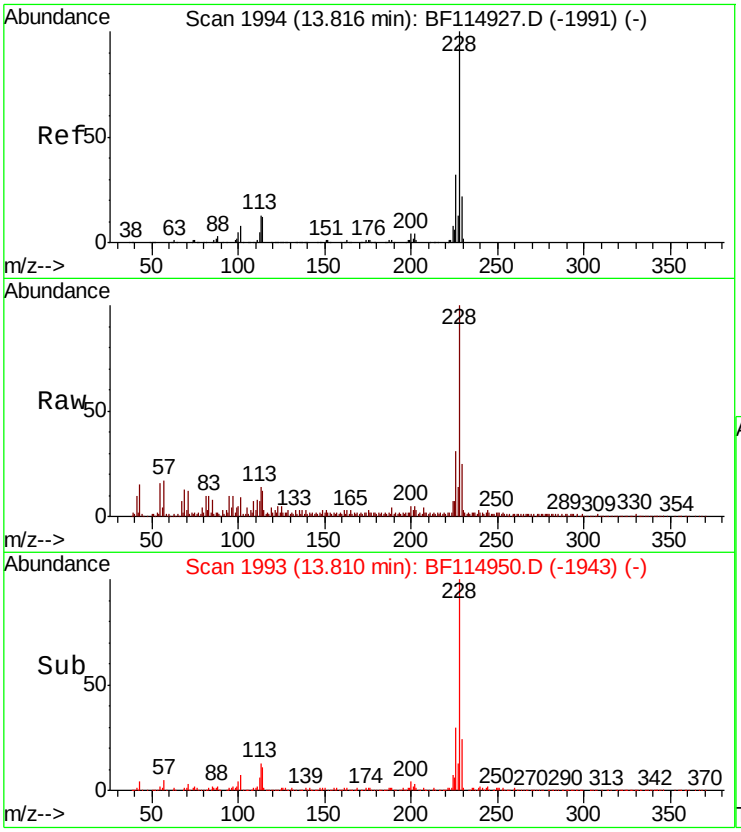


#81
Benzo(a)anthracene
Concen: 4.665 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:228 Resp: 207145

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	22.9	16.6	25.0



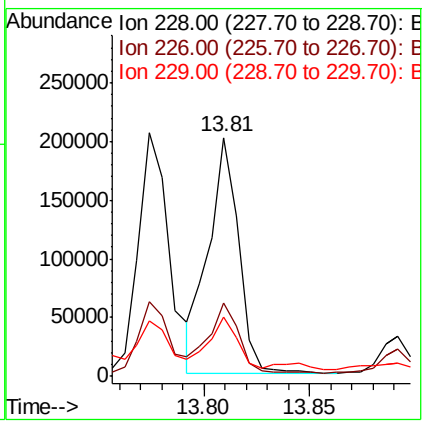


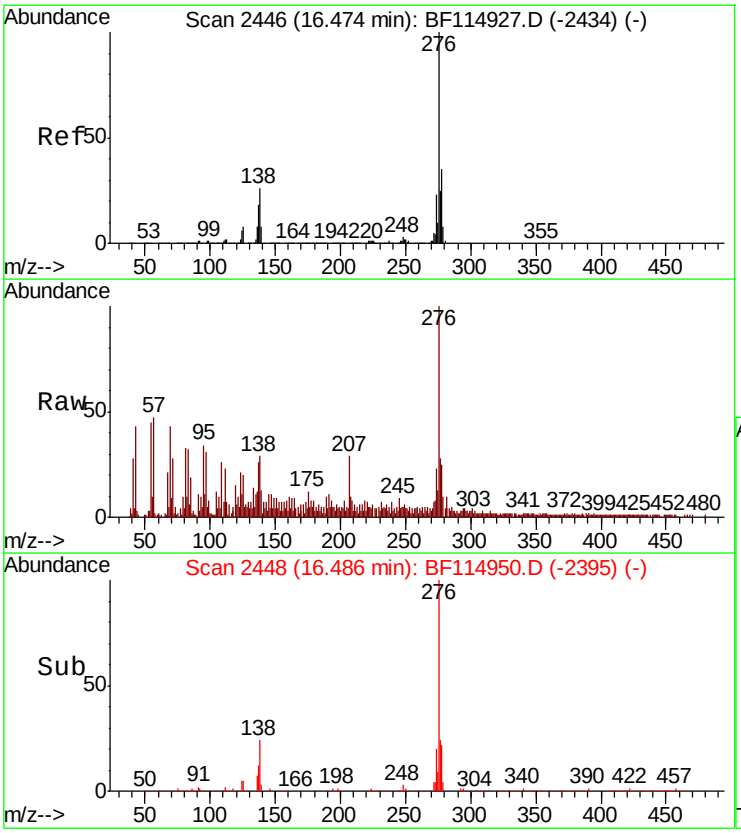
#83
Chrysene
Concen: 4.492 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:228 Resp: 200320

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.8	38.8
229	24.9	17.2	25.8

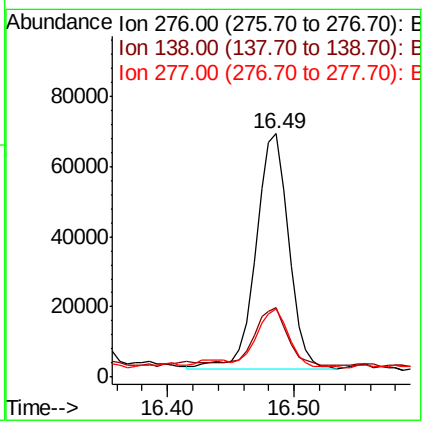


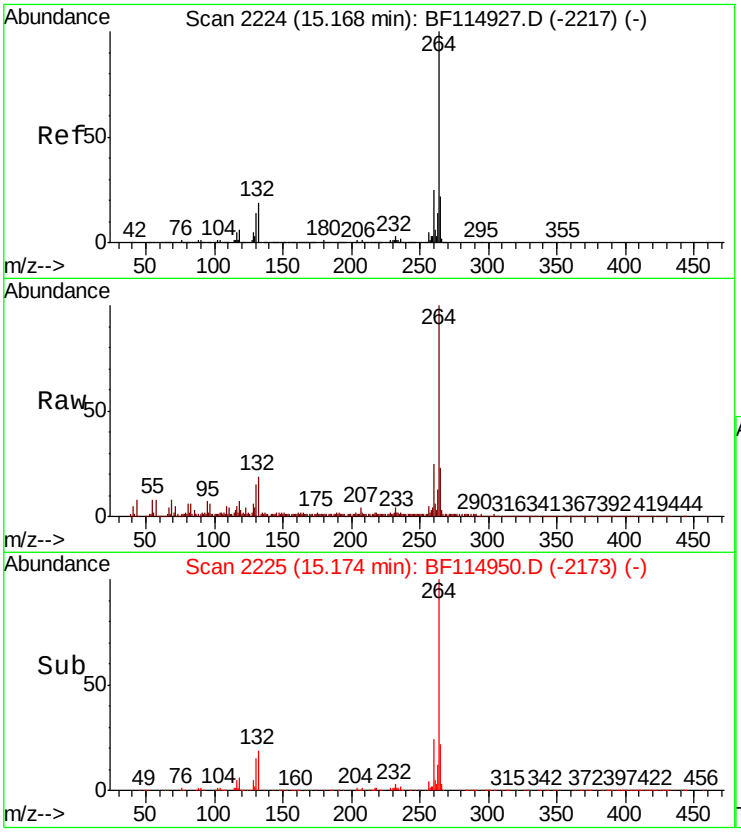


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.856 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:276 Resp: 119722

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.3	34.9
277	25.8	20.5	30.7



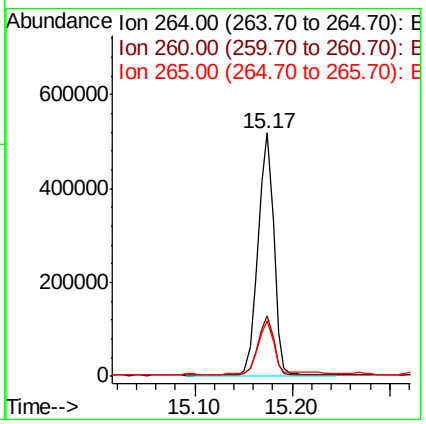


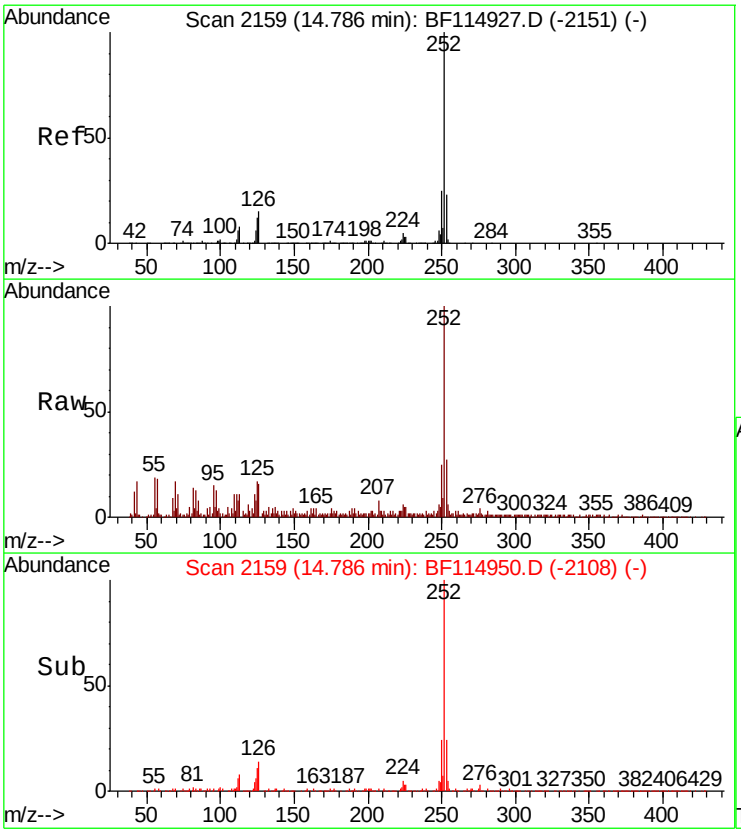
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:264 Resp: 588940

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.9	17.5	26.3

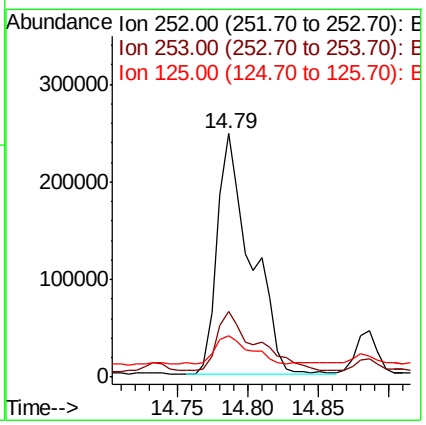


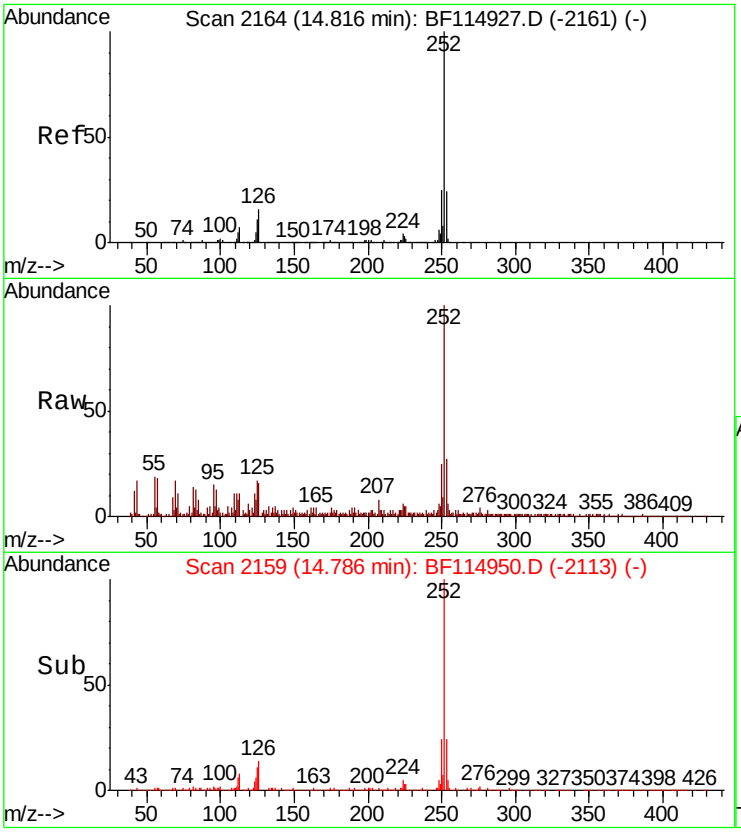


#88
Benzo(b)fluoranthene
Concen: 10.693 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:252 Resp: 409988

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.6	28.0
125	17.0	9.5	14.3#



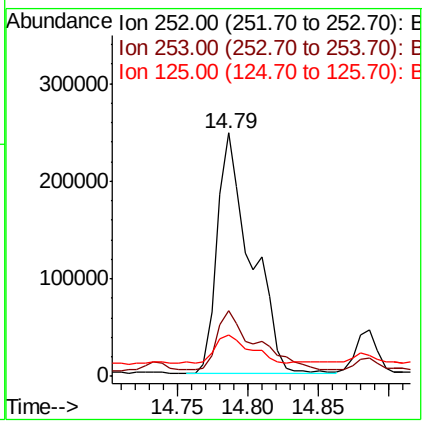


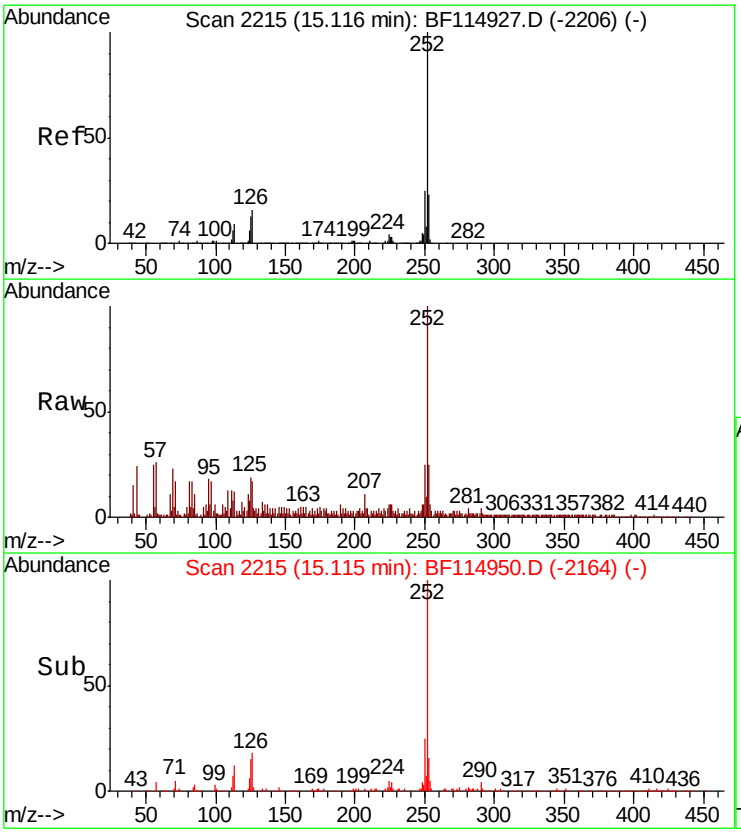
#89
Benzo(k)fluoranthene
Concen: 12.321 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:252 Resp: 409988

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.6	28.0
125	17.0	9.2	13.8#

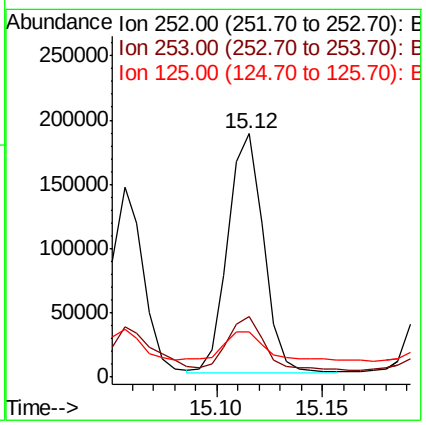


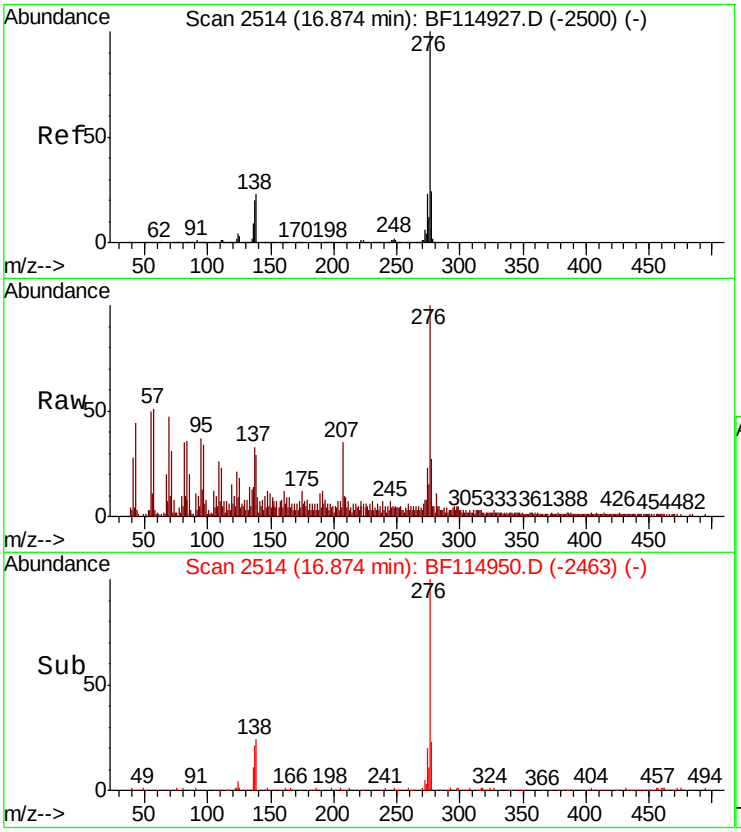


#90
Benzo(a)pyrene
Concen: 6.525 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

Tgt Ion:252 Resp: 217315

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	18.8	10.1	15.1#





#92
Benzo(g,h,i)perylene
Concen: 3.993 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF114950.D
Acq: 11 Jun 2019 18:29

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

Tgt Ion:276 Resp: 111971

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.0	28.6
138	28.9	18.7	28.1#