Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114920.D
Acq On : 8 Jun 2019 4:57
Operator : HP/JU
Sample : K3160-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 08 06:47:48 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	335001	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1208998	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	497024	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	857171	20.00	ng		0.00
76) Chrysene-d12	13.79	240	536679	20.00	ng		0.00
87) Perylene-d12	15.17	264	439945	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1008927	52.63	ng		0.00
7) Phenol-d6	6.30	99	1234558	52.92	ng		0.00
23) Nitrobenzene-d5	7.22	82	693642	35.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	250132	46.70	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1292101	48.70	ng		-0.01
79) Terphenyl-d14	12.75	244	1147994	41.60	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	93395	6.048	ng	#	77
25) Isophorone	7.22	82	676286	17.418	ng	#	61
50) Dimethylphthalate	9.41	163	119771	3.299	ng		97
57) 2,4-Dinitrotoluene	9.69	165	65702	6.122	ng	#	33
58) Fluorene	10.23	166	9105	Below Cal		#	92
71) Phenanthrene	11.19	178	87082	2.128	ng		94
75) Fluoranthene	12.37	202	436261	10.243	ng		97
78) Pyrene	12.59	202	376721	8.092	ng		95
81) Benzo(a)anthracene	13.81	228	209779	5.072	ng		97
83) Chrysene	13.81	228	209779	5.214	ng		95
86) Indeno(1,2,3-cd)pyrene	16.47	276	104866	2.284	ng		95
88) Benzo(b)fluoranthene	14.79	252	319642	11.413	ng	#	86
89) Benzo(k)fluoranthene	14.79	252	319642	13.439	ng	#	87
90) Benzo(a)pyrene	15.11	252	152611	6.295	ng	#	87
92) Benzo(g,h,i)perylene	16.87	276	97927	4.242	ng		92

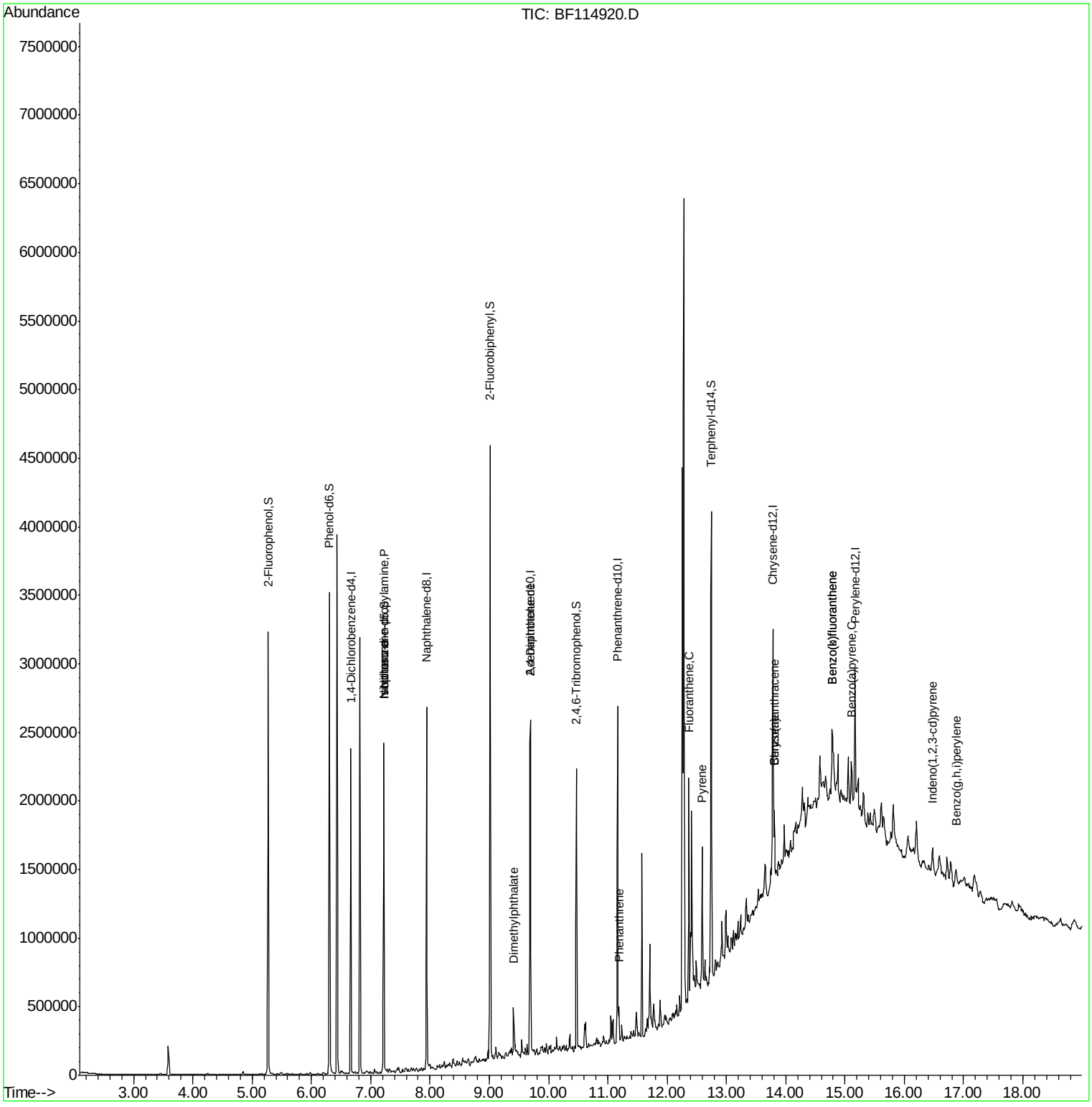
(#) = qualifier out of range (m) = manual integration (+) = signals summed

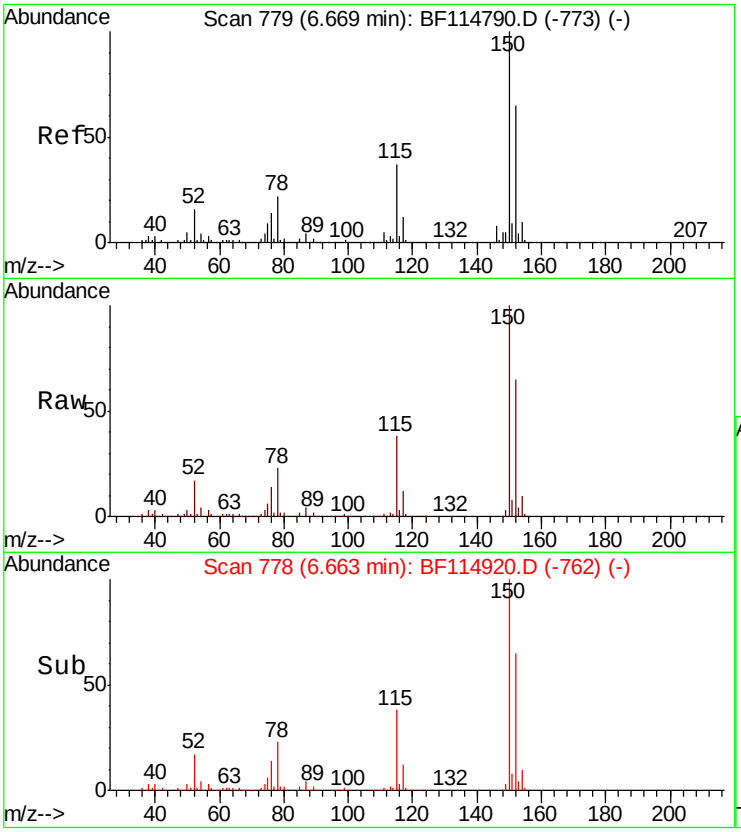
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114920.D
Acq On : 8 Jun 2019 4:57
Operator : HP/JU
Sample : K3160-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 08 06:47:48 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



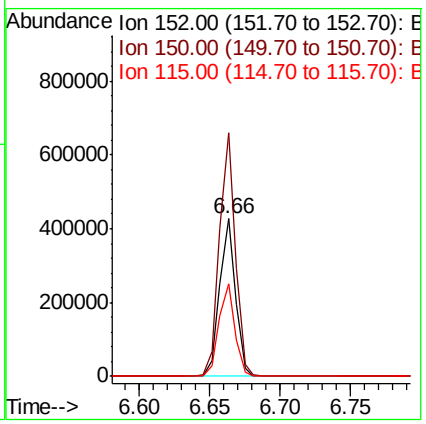


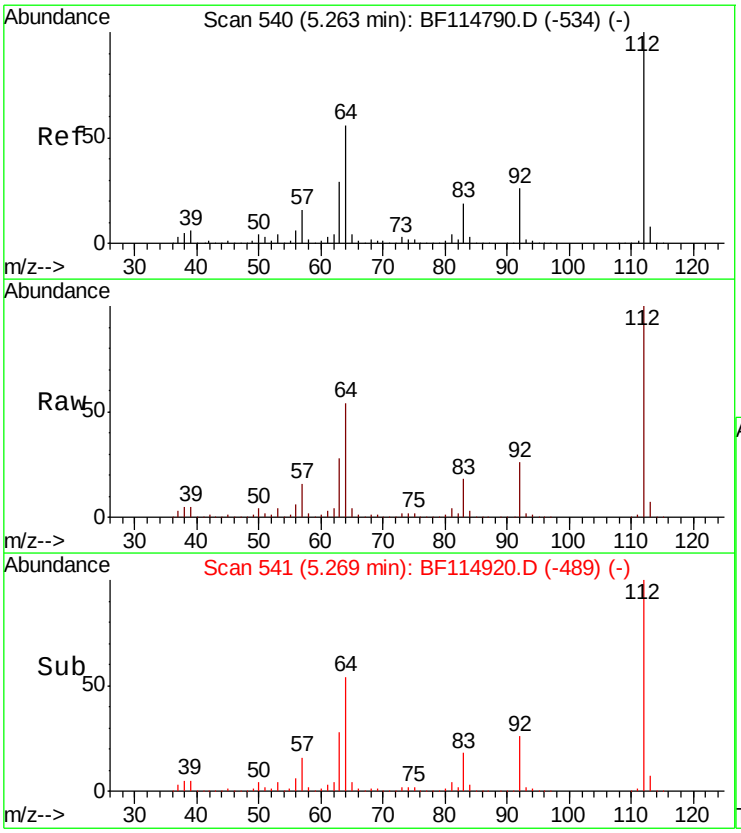
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:152 Resp: 335001

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.0	186.0
115	59.1	46.3	69.5

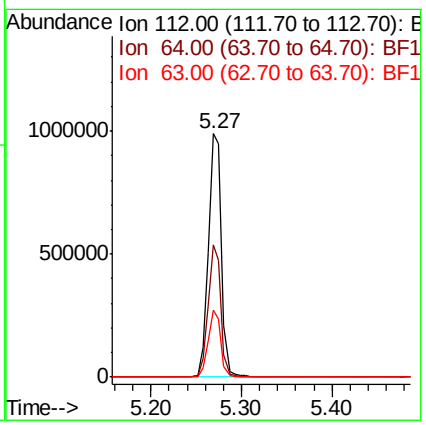


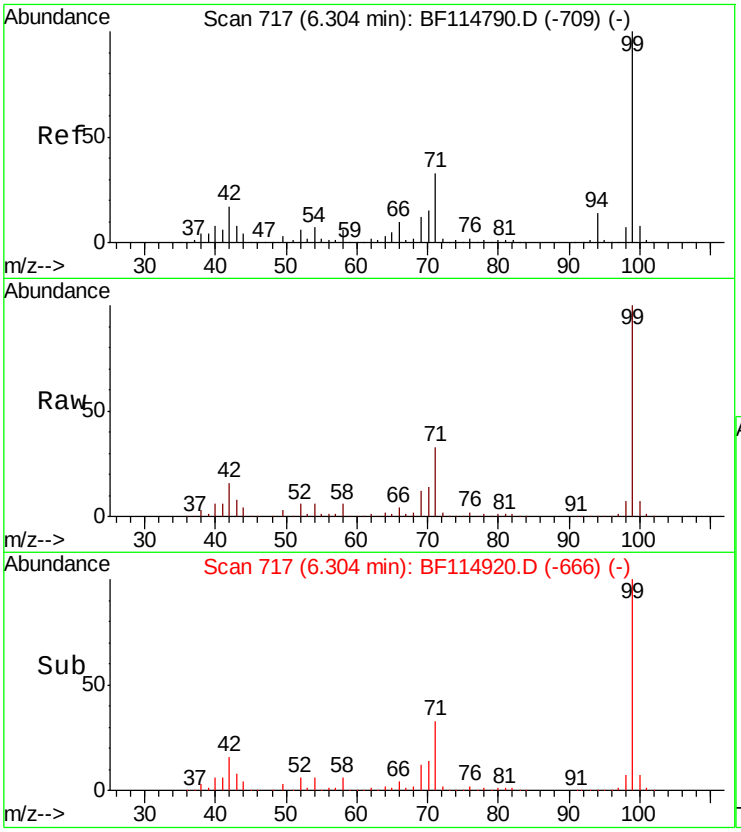


#5
2-Fluorophenol
Concen: 52.625 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:112 Resp: 1008927

Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.6	66.8
63	27.7	23.0	34.4



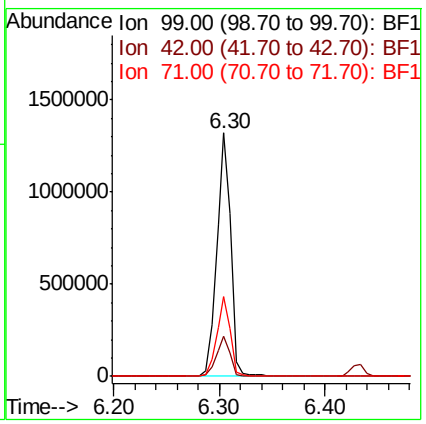


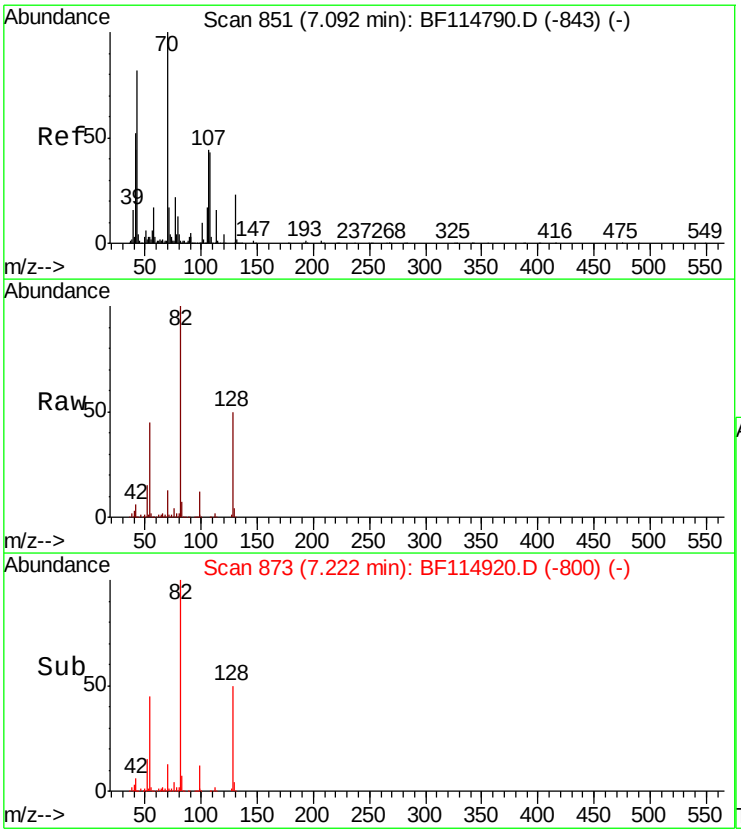
#7
Phenol-d6
Concen: 52.921 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion: 99 Resp: 1234558

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.3	19.9
71	32.8	26.3	39.5

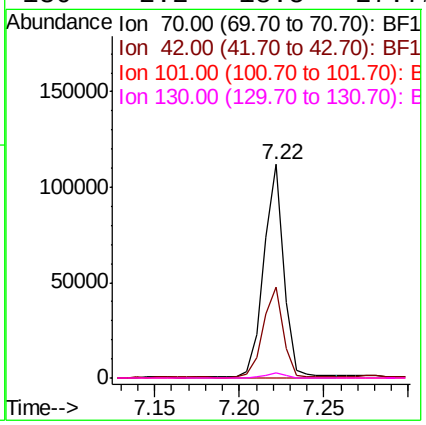


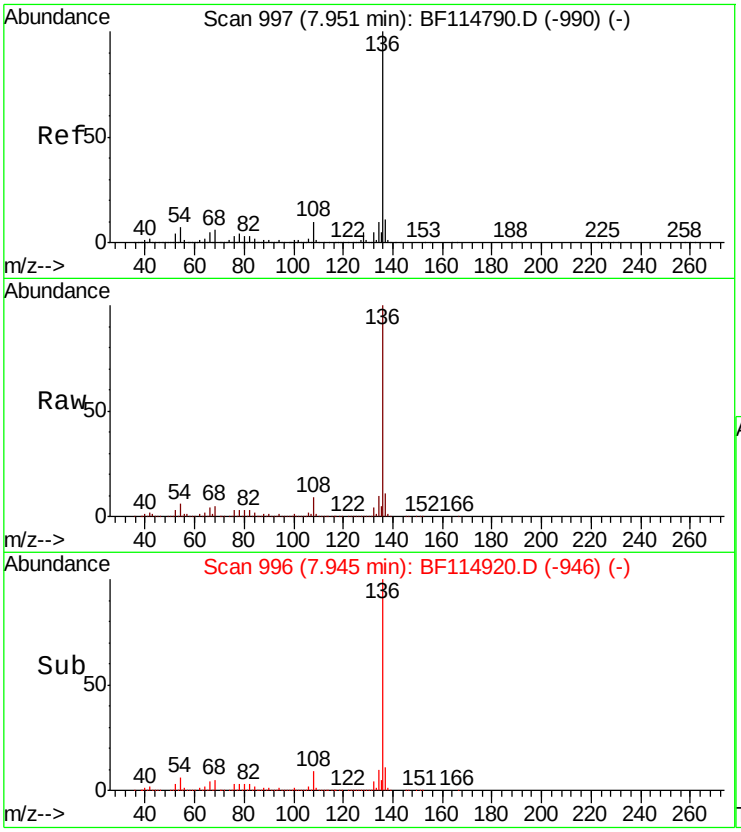


#19
n-Nitroso-di-n-propylamine
Concen: 6.048 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion: 70 Resp: 93395

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.8	62.8
101	0.0	8.2	12.4#
130	2.2	18.5	27.7#



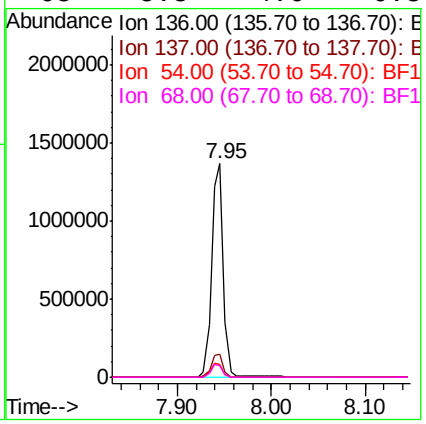


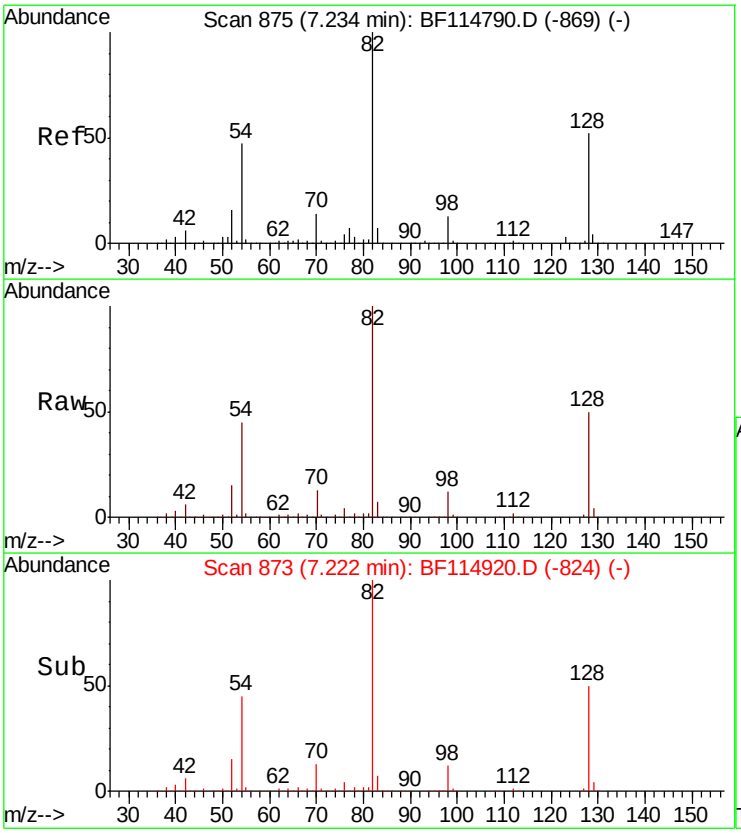
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:136 Resp: 1208998

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.2	5.4	8.0
68	5.3	4.6	6.8

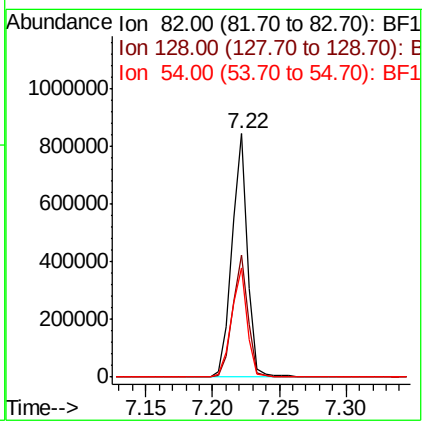


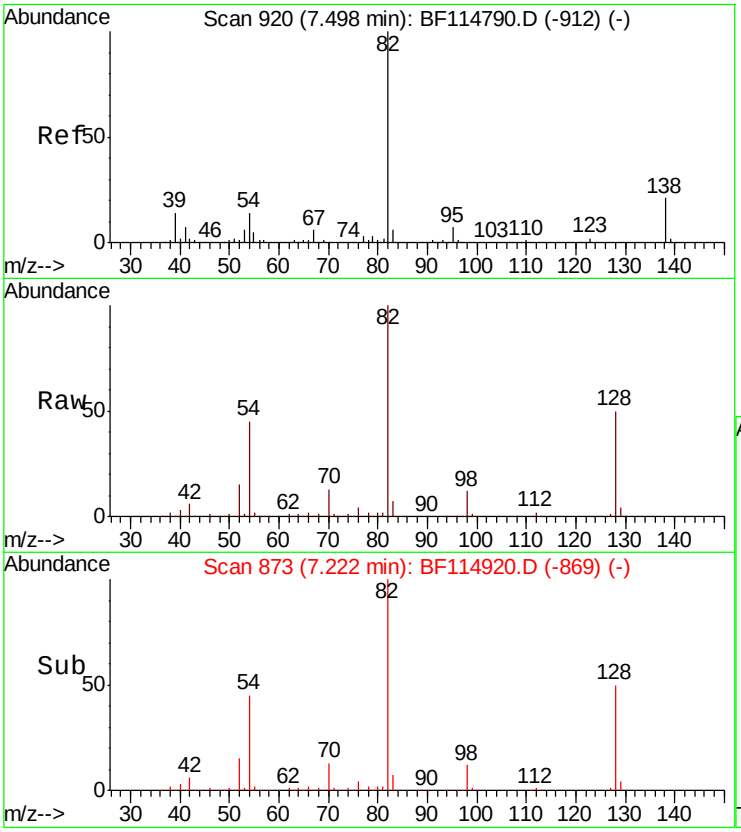


#23
Nitrobenzene-d5
Concen: 35.318 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion: 82 Resp: 693642

Ion	Ratio	Lower	Upper
82	100		
128	50.1	41.8	62.6
54	44.7	37.9	56.9



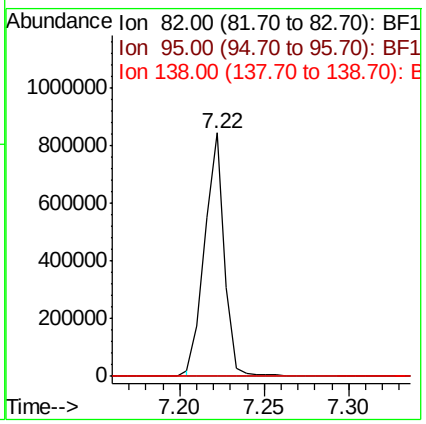


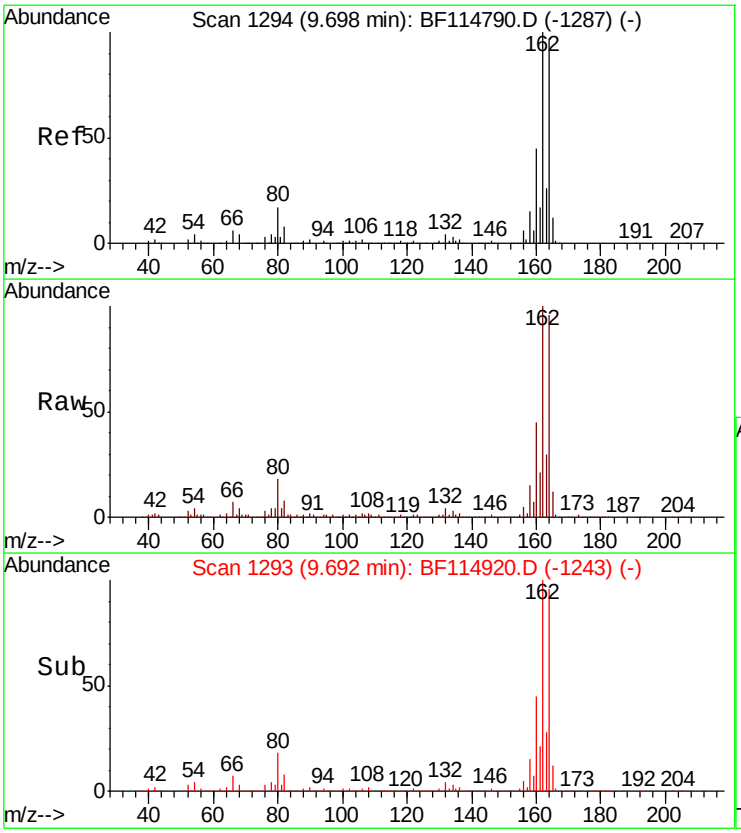
#25
Isophorone
Concen: 17.418 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion: 82 Resp: 676286

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.9	25.3#

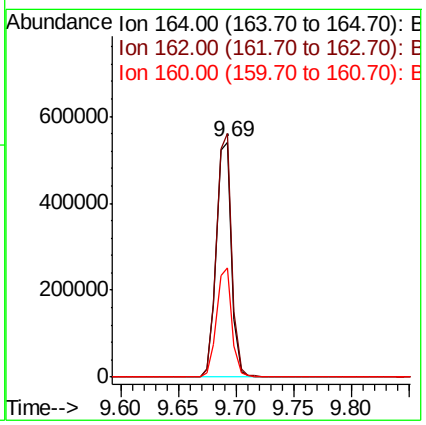


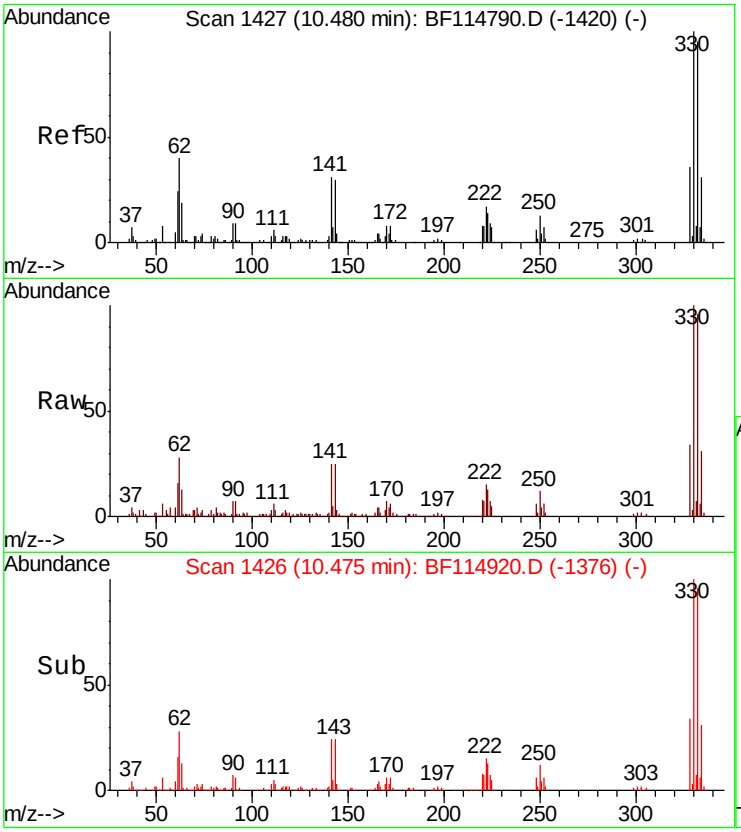


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:164 Resp: 497024

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.3	123.5
160	46.8	36.7	55.1



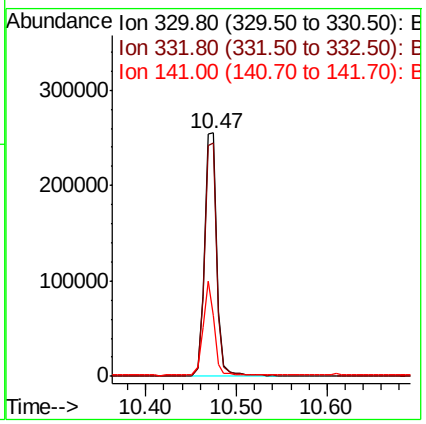


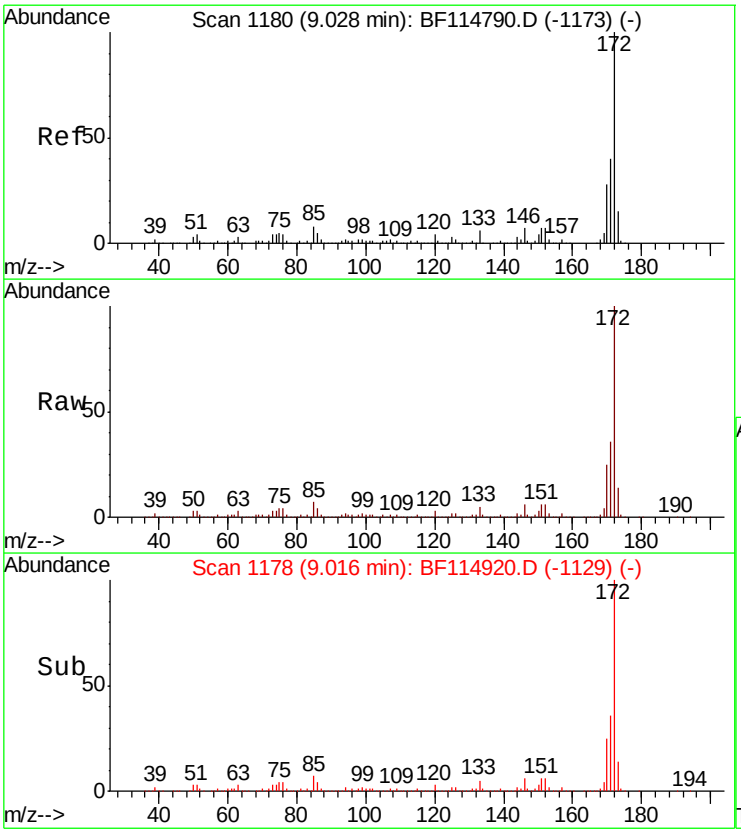
#42
2,4,6-Tribromophenol
Concen: 46.699 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:330 Resp: 250132

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	34.1	26.2	39.4

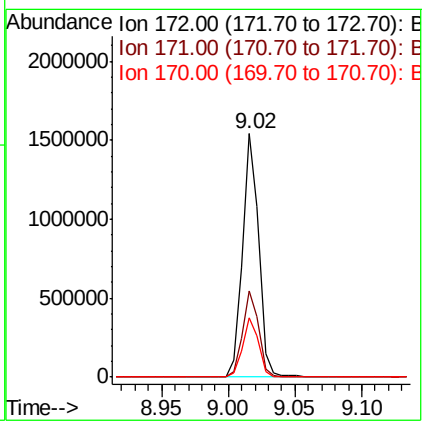


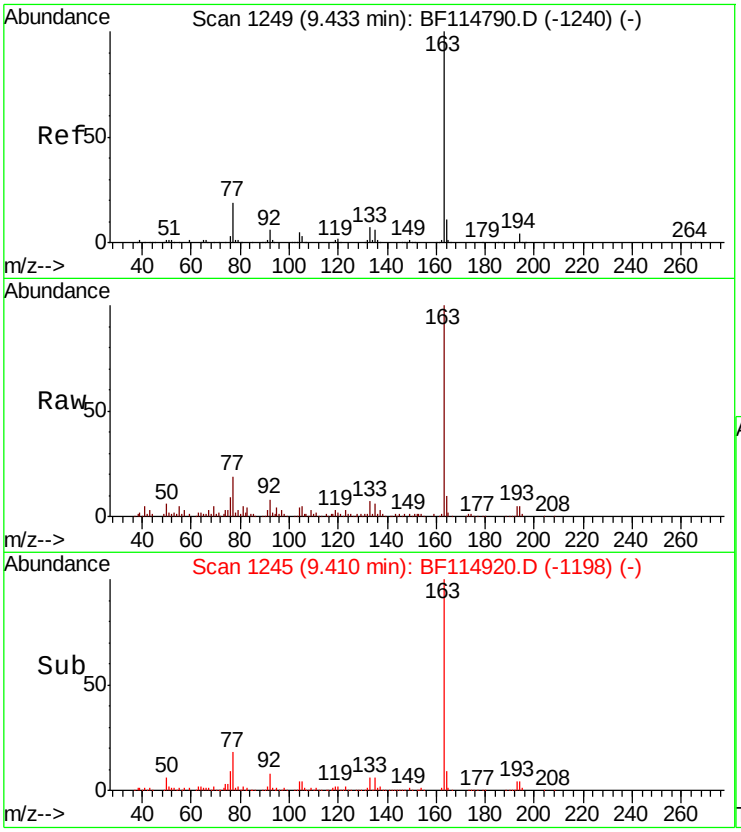


#45
2-Fluorobiphenyl
Concen: 48.699 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:172 Resp: 1292101

Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.3	48.5
170	24.5	22.4	33.6



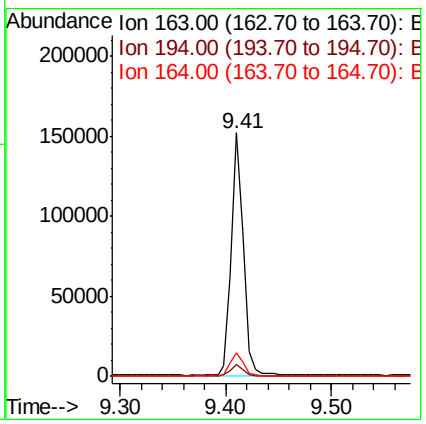


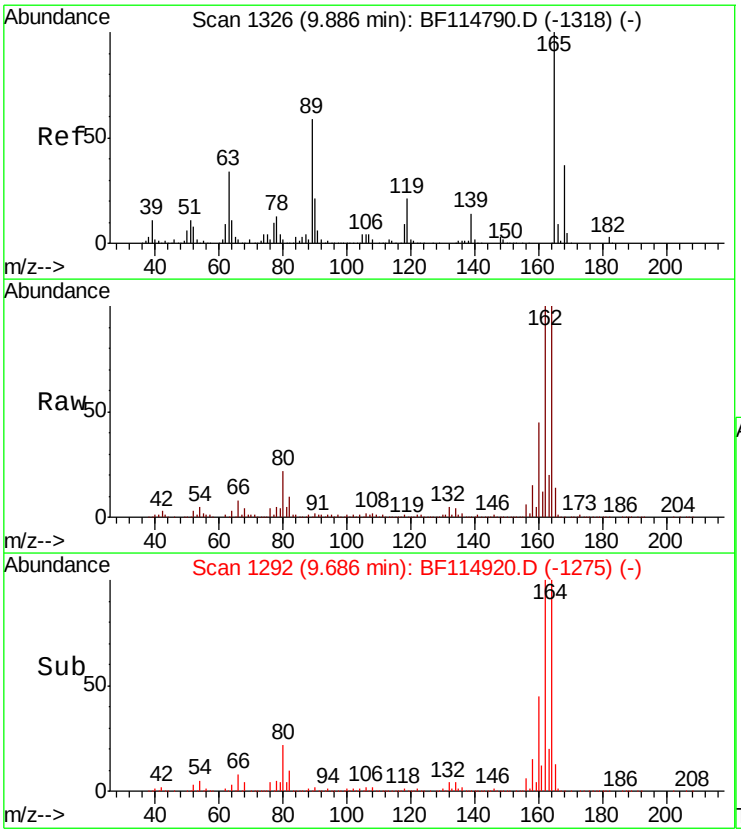
#50
Dimethylphthalate
Concen: 3.299 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:163 Resp: 119771

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	9.6	8.6	13.0

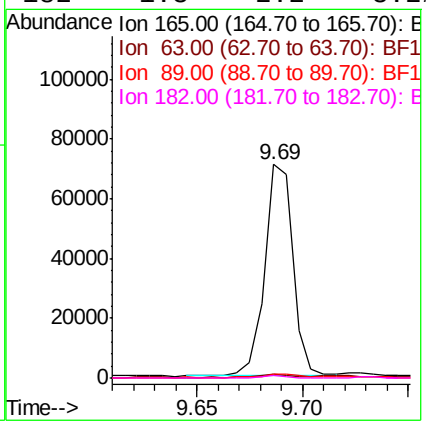


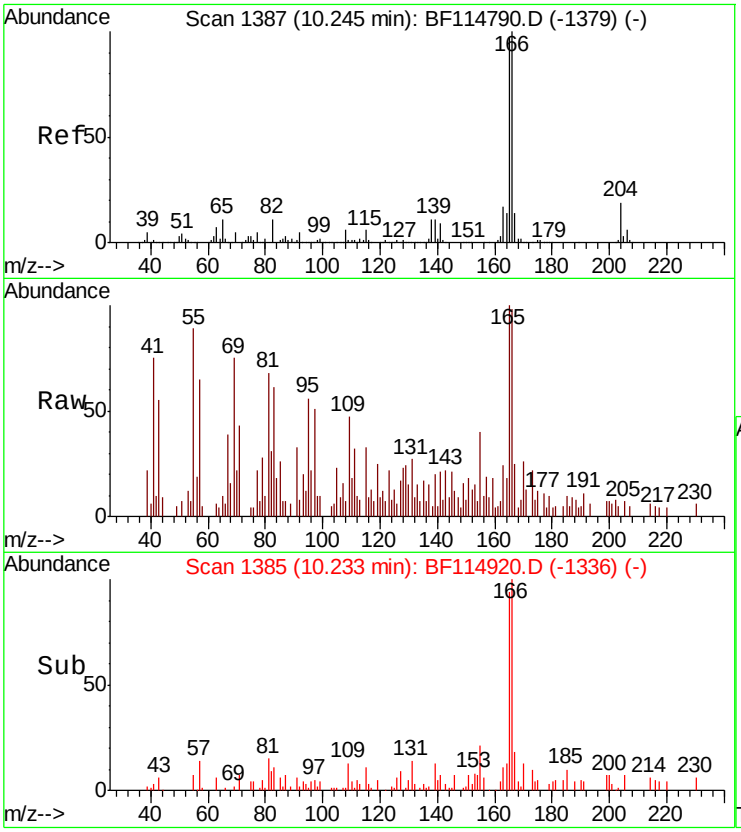


#57
2,4-Dinitrotoluene
Concen: 6.122 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.20 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:165 Resp: 65702

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.0	40.4#
89	1.6	47.0	70.6#
182	1.3	2.2	3.2#



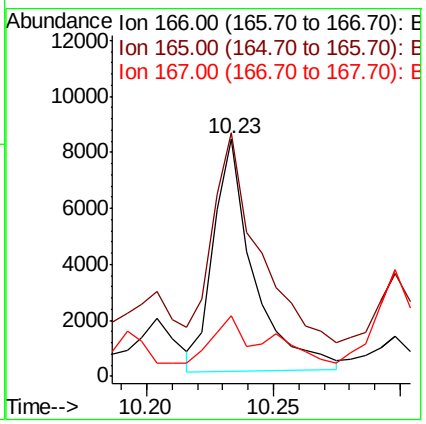


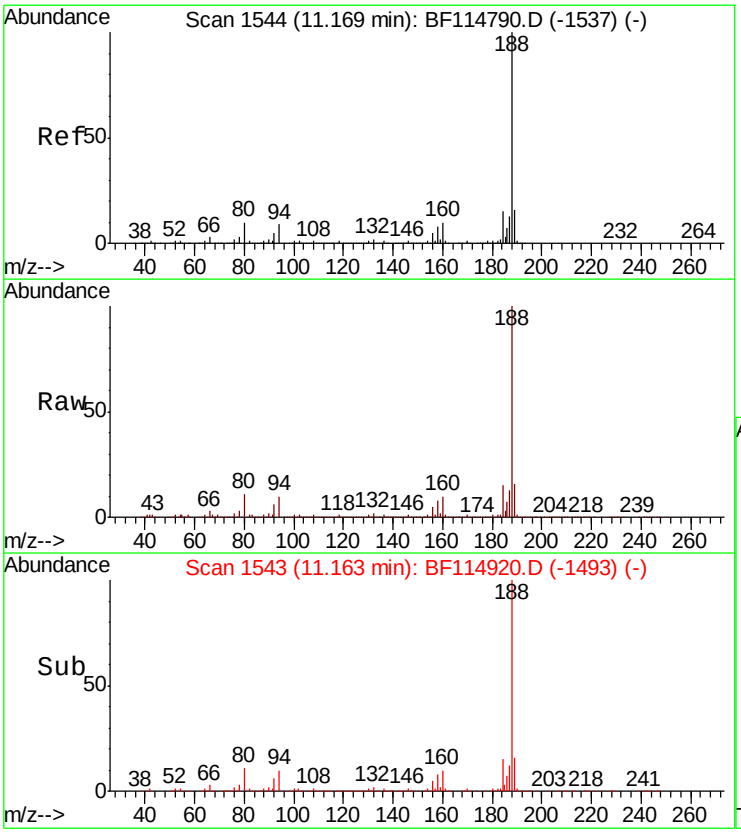
#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:166 Resp: 9105

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.9	116.9
167	25.3	11.3	16.9#

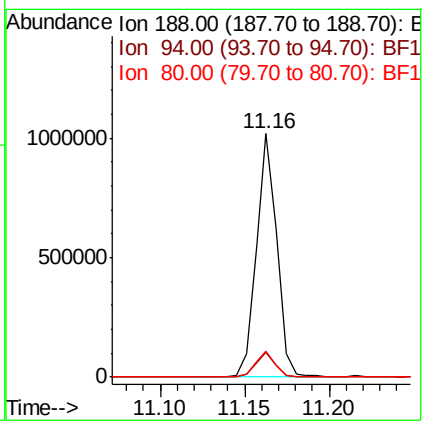


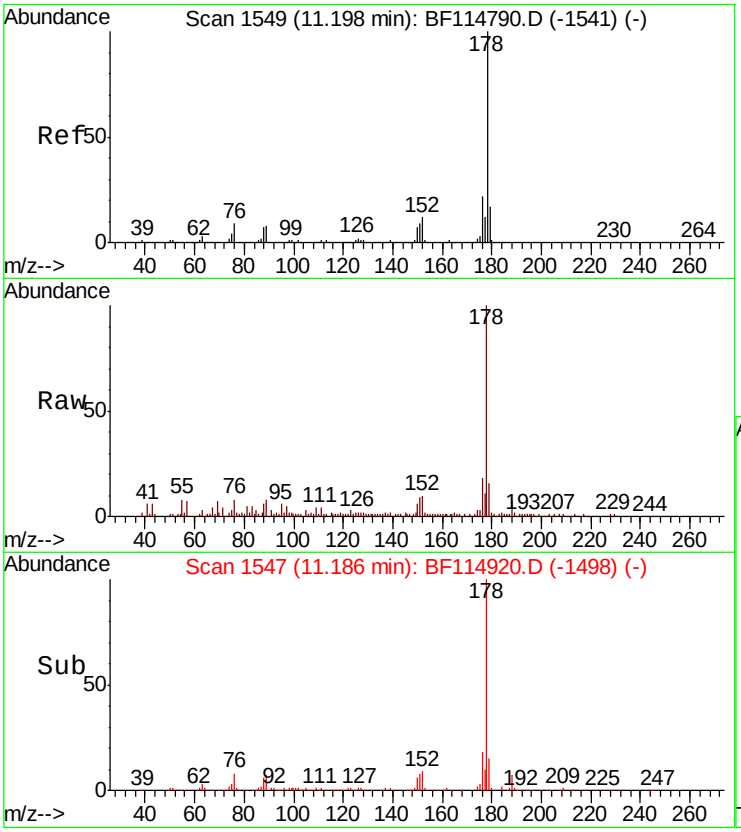


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:188 Resp: 857171

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.6	11.4
80	10.7	8.3	12.5



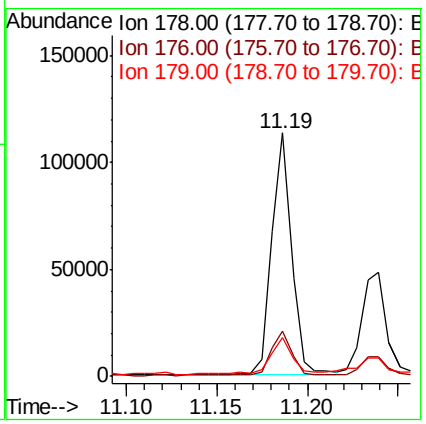


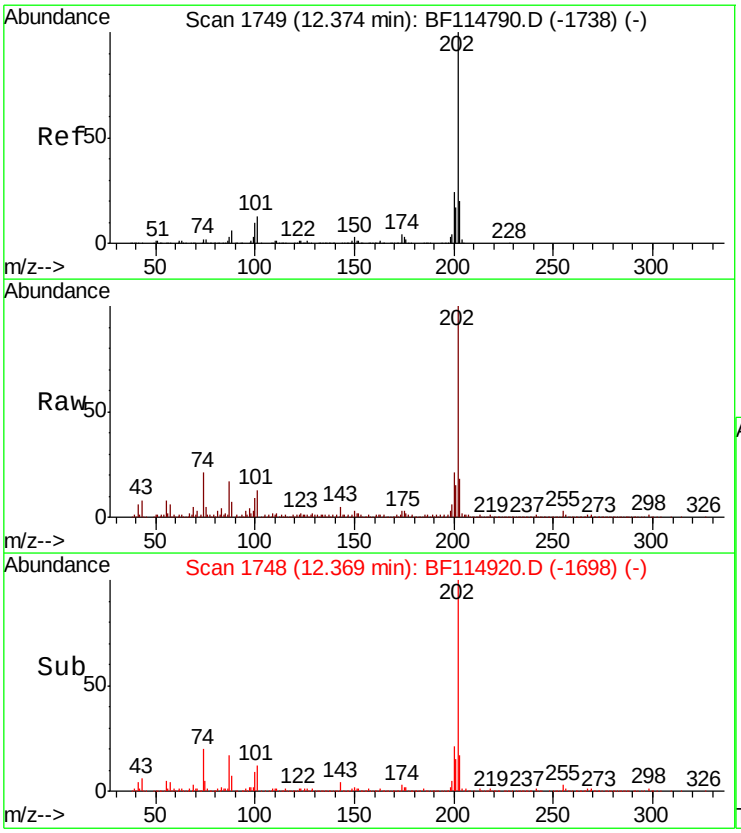
#71
Phenanthrene
Concen: 2.128 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:178 Resp: 87082

Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.7	26.5
179	16.0	13.7	20.5

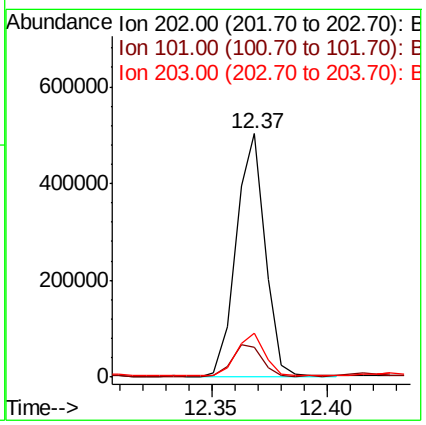


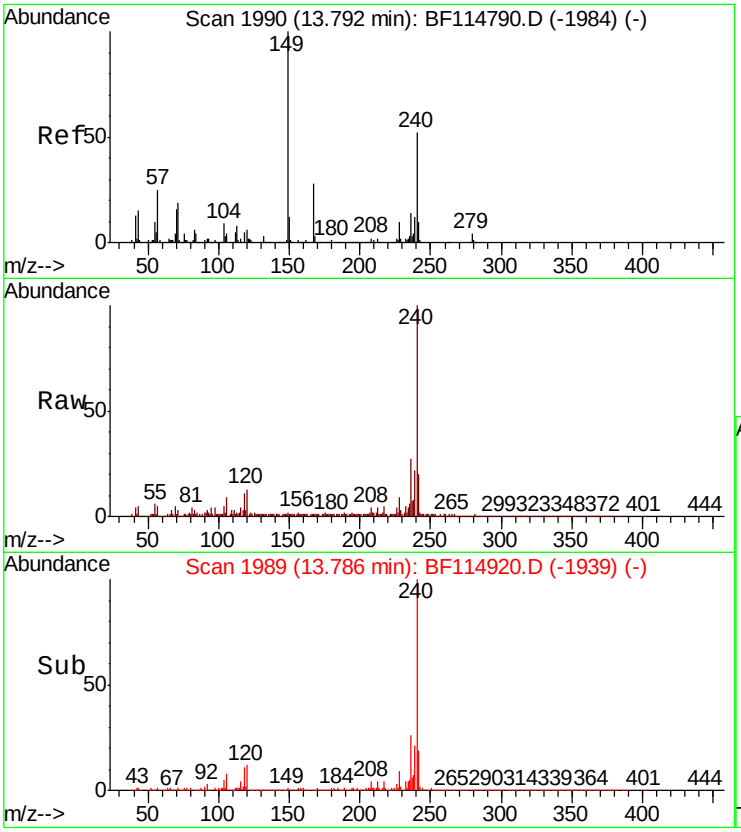


#75
Fluoranthene
Concen: 10.243 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:202 Resp: 436261

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.8
203	17.8	0.2	40.2



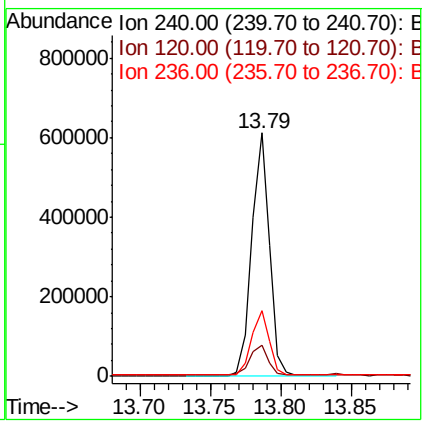


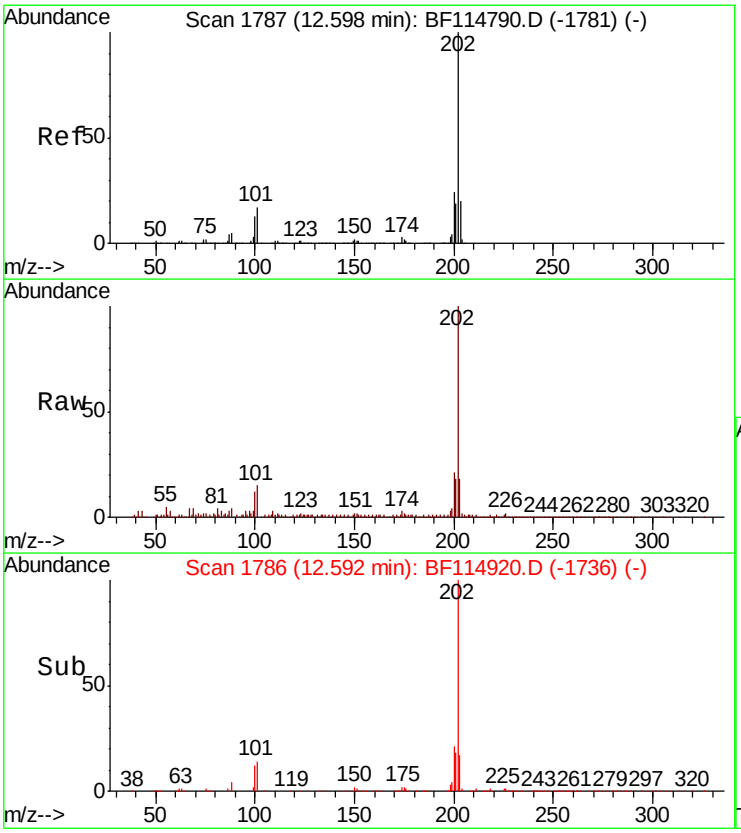
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:240 Resp: 536679

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.4
236	26.8	21.4	32.0

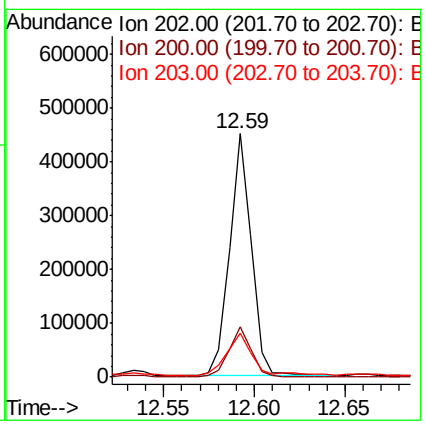


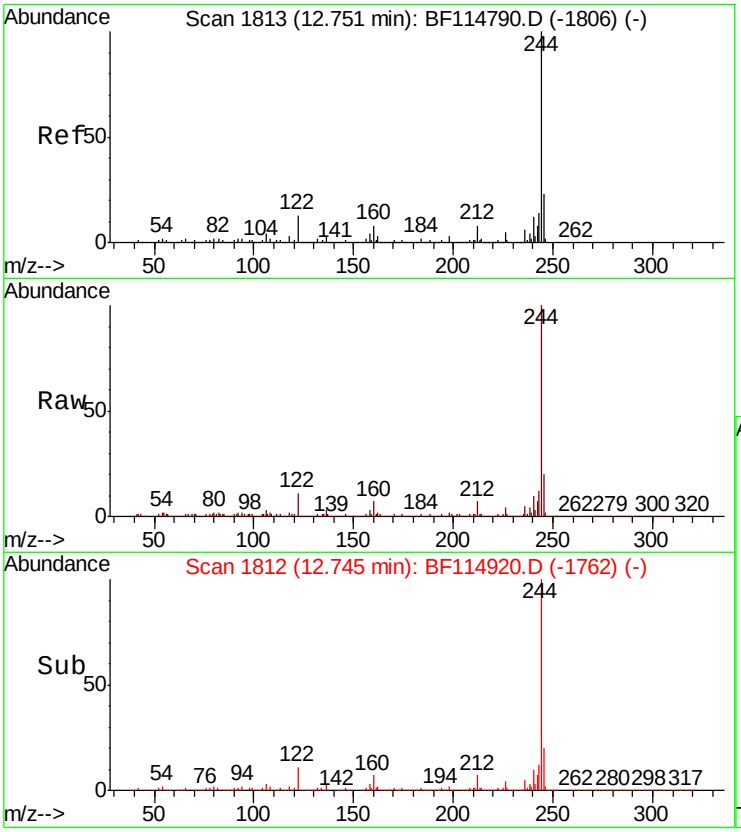


#78
Pyrene
Concen: 8.092 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:202 Resp: 376721

Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.2	28.8
203	18.3	15.9	23.9



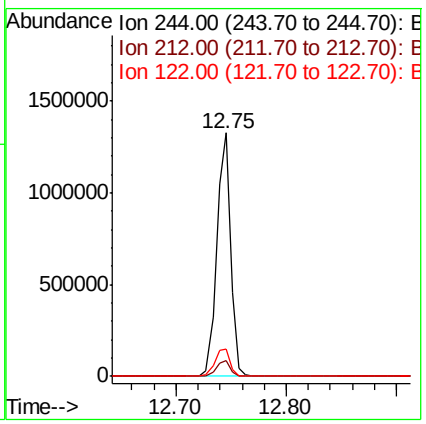


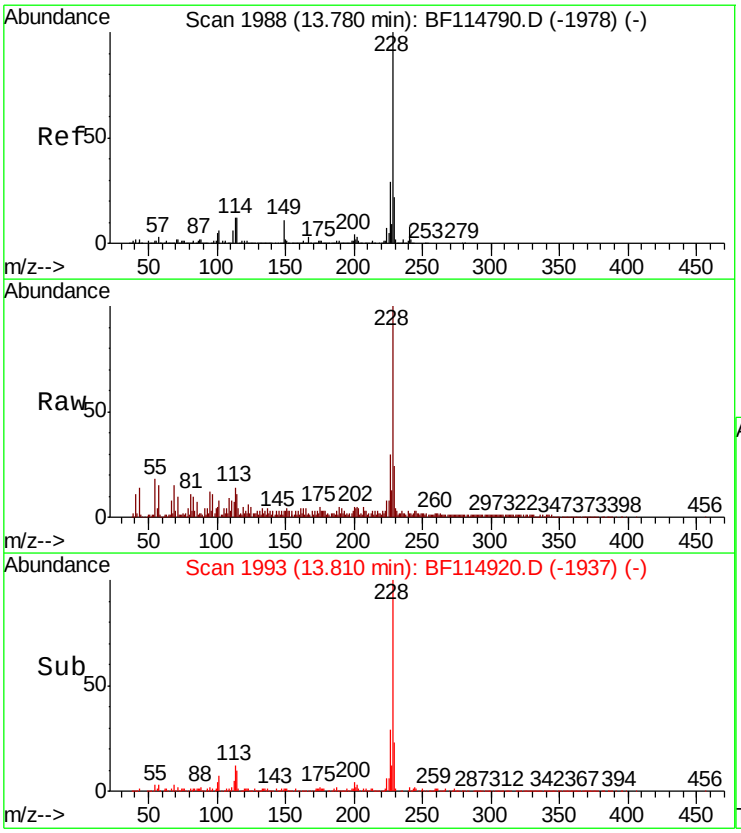
#79
Terphenyl-d14
Concen: 41.600 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:244 Resp: 1147994

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	11.0	10.5	15.7

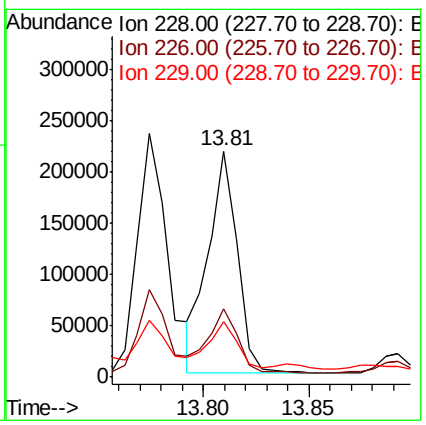


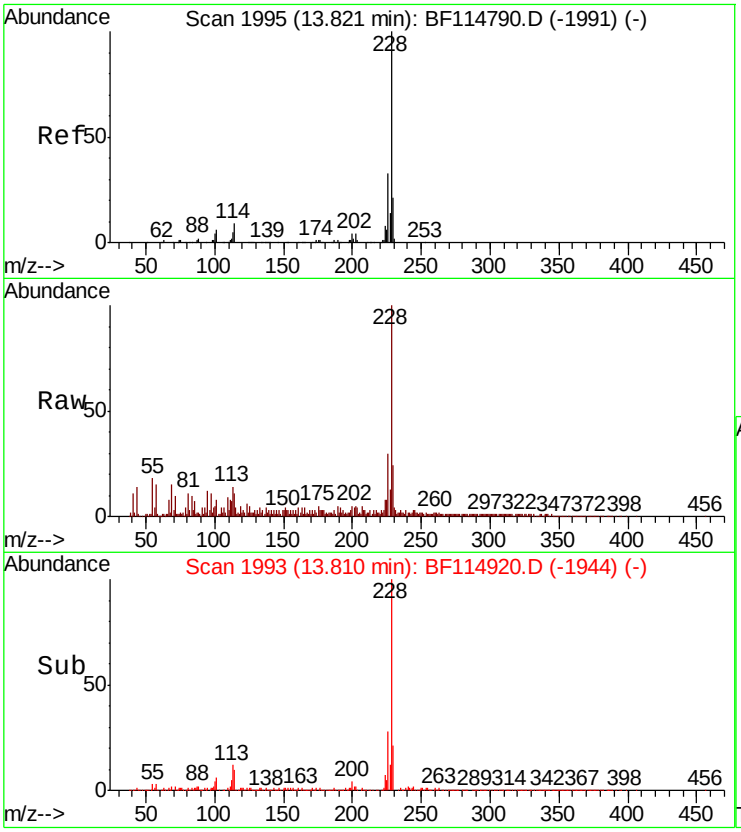


#81
Benzo(a)anthracene
Concen: 5.072 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.03 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:228 Resp: 209779

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	24.4	17.4	26.0



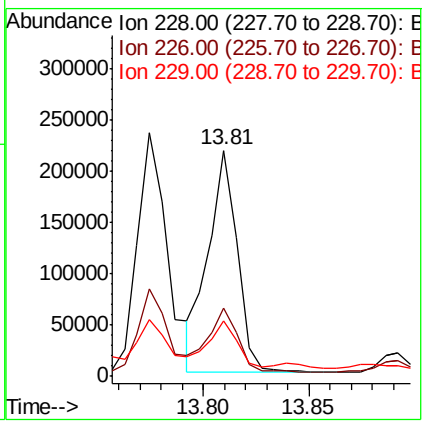


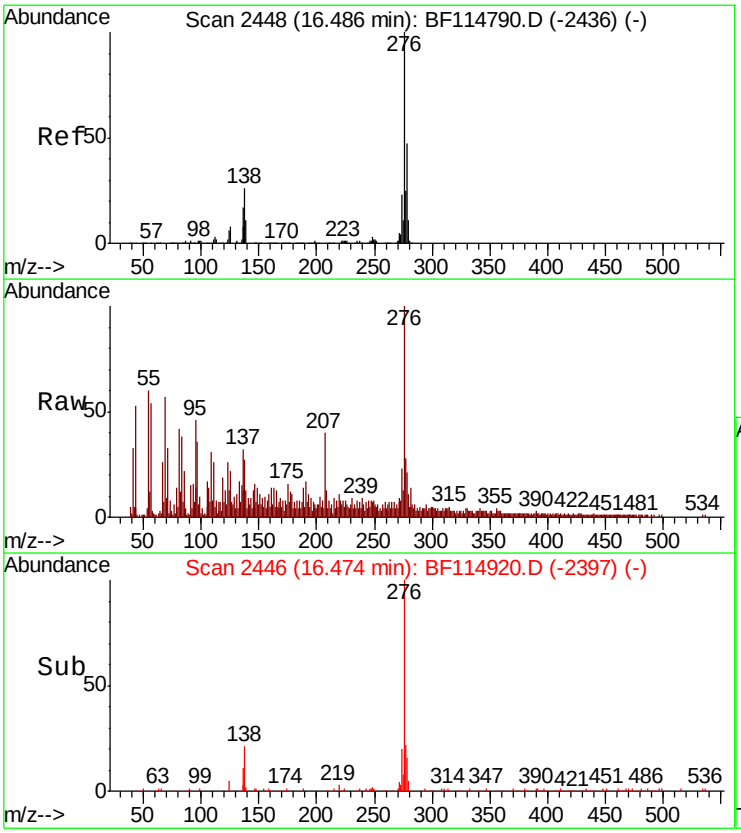
#83
Chrysene
Concen: 5.214 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:228 Resp: 209779

Ion	Ratio	Lower	Upper
228	100		
226	30.0	26.0	39.0
229	24.4	17.1	25.7

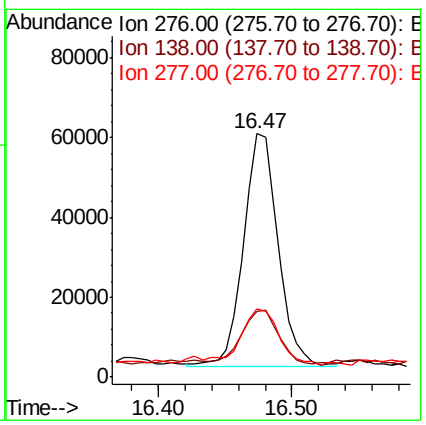


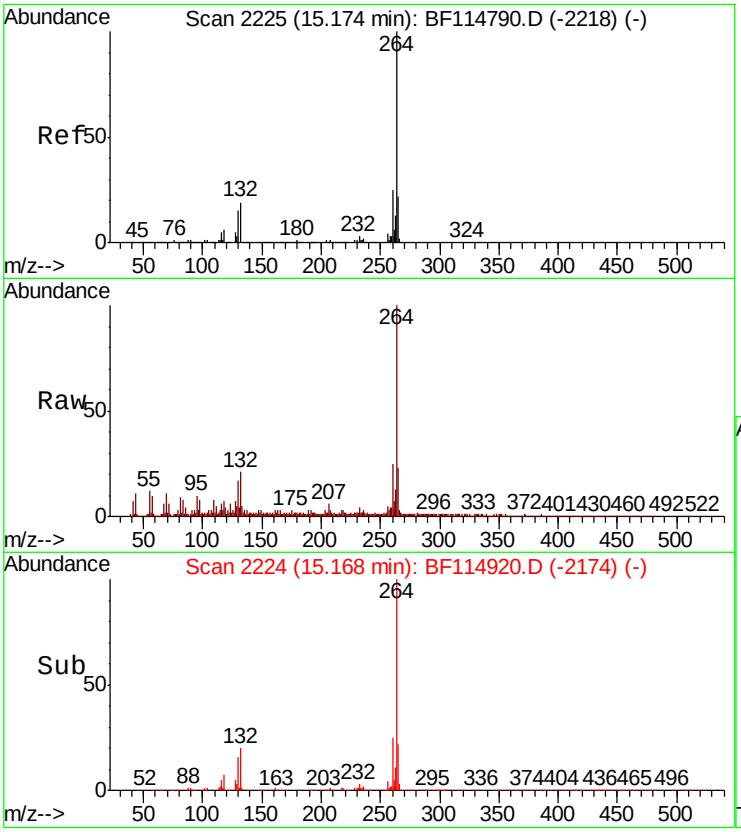


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.284 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:276 Resp: 104866

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.2	33.4
277	24.0	20.6	30.8



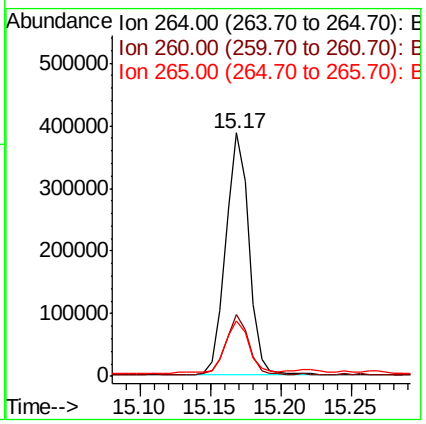


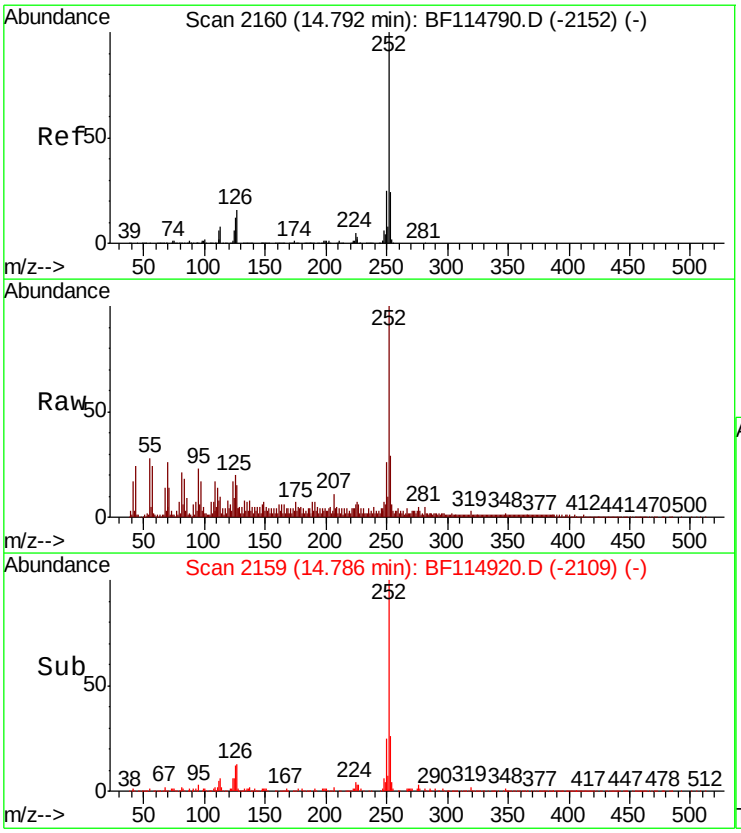
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:264 Resp: 439945

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	22.9	17.7	26.5

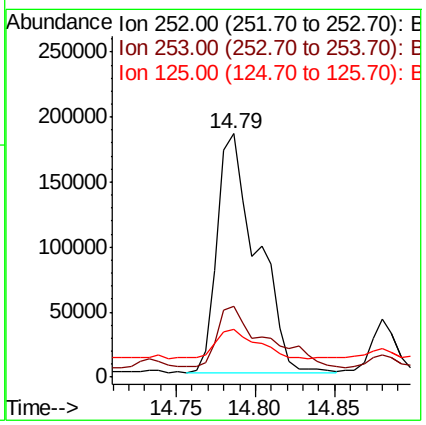


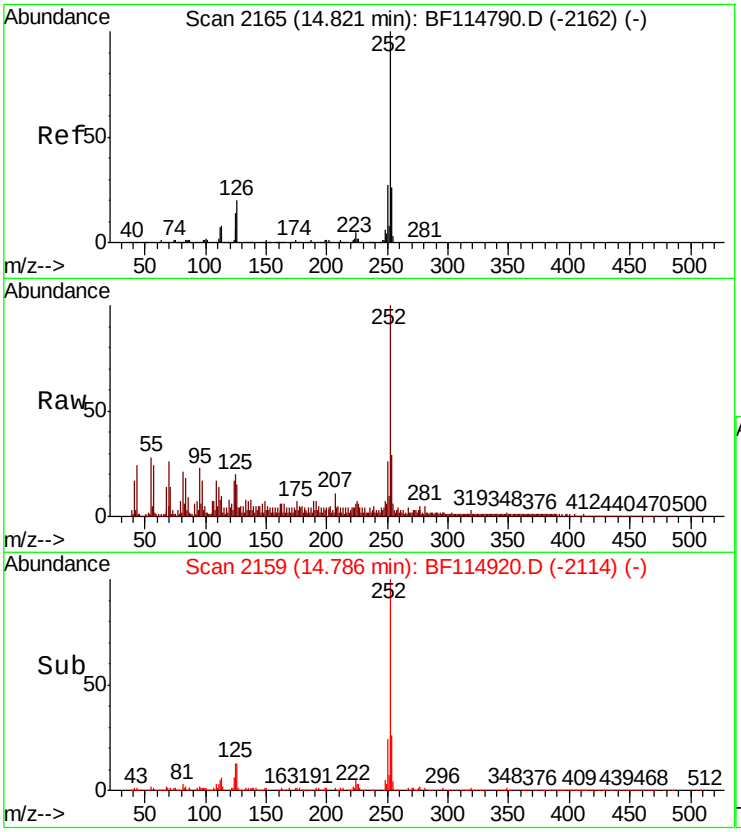


#88
Benzo(b)fluoranthene
Concen: 11.413 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:252 Resp: 319642

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.0	28.6#
125	19.8	9.4	14.0#



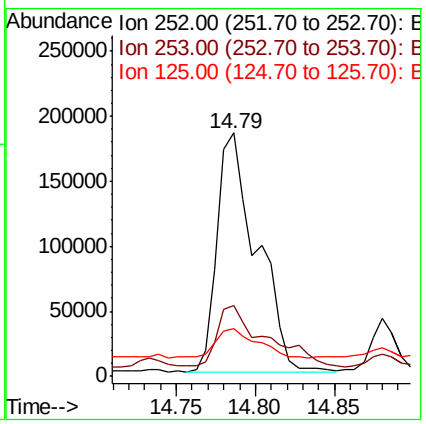


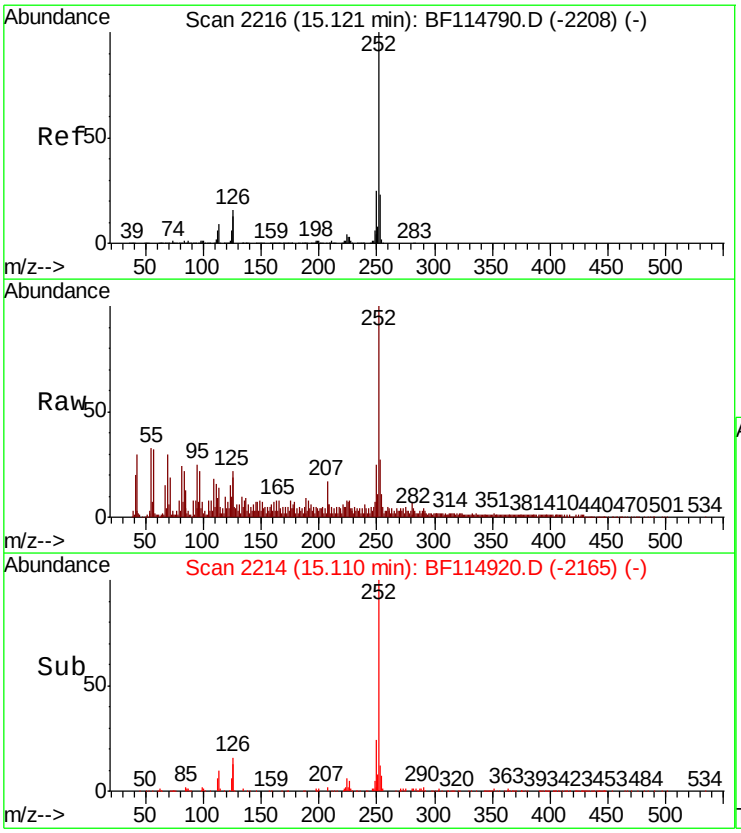
#89
Benzo(k)fluoranthene
Concen: 13.439 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:252 Resp: 319642

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.3	28.9#
125	19.8	10.1	15.1#

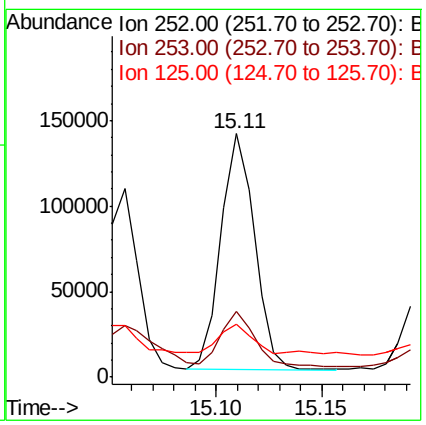


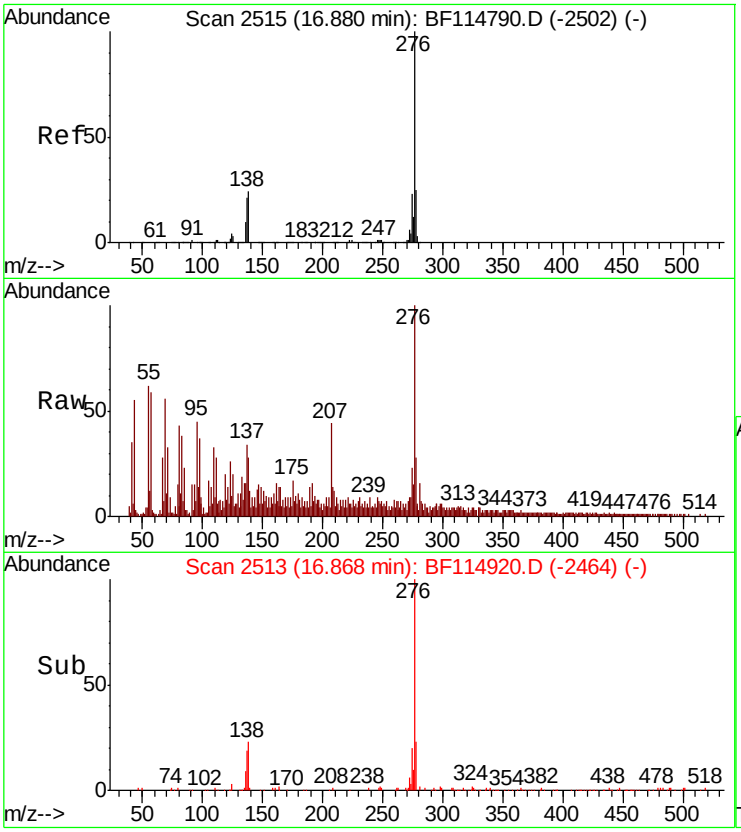


#90
Benzo(a)pyrene
Concen: 6.295 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

Tgt Ion:252 Resp: 152611

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.5	27.7
125	21.9	10.1	15.1#





#92
Benzo(g,h,i)perylene
Concen: 4.242 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114920.D
Acq: 8 Jun 2019 4:57

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

Tgt Ion:276 Resp: 97927

Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.8	29.6
138	28.1	19.4	29.2