Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114250.D
Acq On : 14 May 2019 1:25
Operator : JU/SJ
Sample : K2765-21DL 4X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS006-0002-02DL

Quant Time: May 14 04:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255947	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1015312	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	467353	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	847370	20.00	ng		0.01
76) Chrysene-d12	14.02	240	573773	20.00	ng		0.00
87) Perylene-d12	15.50	264	589786	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	415653	26.13	ng		0.00
7) Phenol-d6	6.50	99	571365	30.37	ng		0.00
23) Nitrobenzene-d5	7.41	82	335760	18.56	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	101427	20.99	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	472926	15.31	ng		0.00
79) Terphenyl-d14	12.96	244	340505	12.23	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	43579	3.655	ng	#	75
25) Isophorone	7.41	82	335757	10.007	ng	#	64
31) Naphthalene	8.16	128	200668	4.231	ng		97
32) Benzoic acid	7.92	122	1749	7.170	ng		91
37) 2-Methylnaphthalene	8.85	142	83692	2.735	ng		94
49) Acenaphthylene	9.75	152	325951	7.053	ng		97
50) Dimethylphthalate	9.60	163	87244	2.543	ng		98
51) 2,6-Dinitrotoluene	9.89	165	64043	8.416	ng	#	23
71) Phenanthrene	11.40	178	1061507	25.749	ng		98
72) Anthracene	11.45	178	188050	4.541	ng		97
75) Fluoranthene	12.60	202	1373907	30.948	ng		99
78) Pyrene	12.83	202	2389613	51.771	ng		99
81) Benzo(a)anthracene	14.05	228	1042476	28.090	ng		96
83) Chrysene	14.05	228	1042476	28.656	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	375150	11.668	ng		96
88) Benzo(b)fluoranthene	15.08	252	1305508	34.551	ng	#	98
89) Benzo(k)fluoranthene	15.08	252	1305508	37.613	ng	#	97
90) Benzo(a)pyrene	15.44	252	682571	20.526	ng		100
91) Dibenzo(a,h)anthracene	17.16	278	71295	2.580	ng		96
92) Benzo(g,h,i)perylene	17.44	276	423259	15.285	ng		100

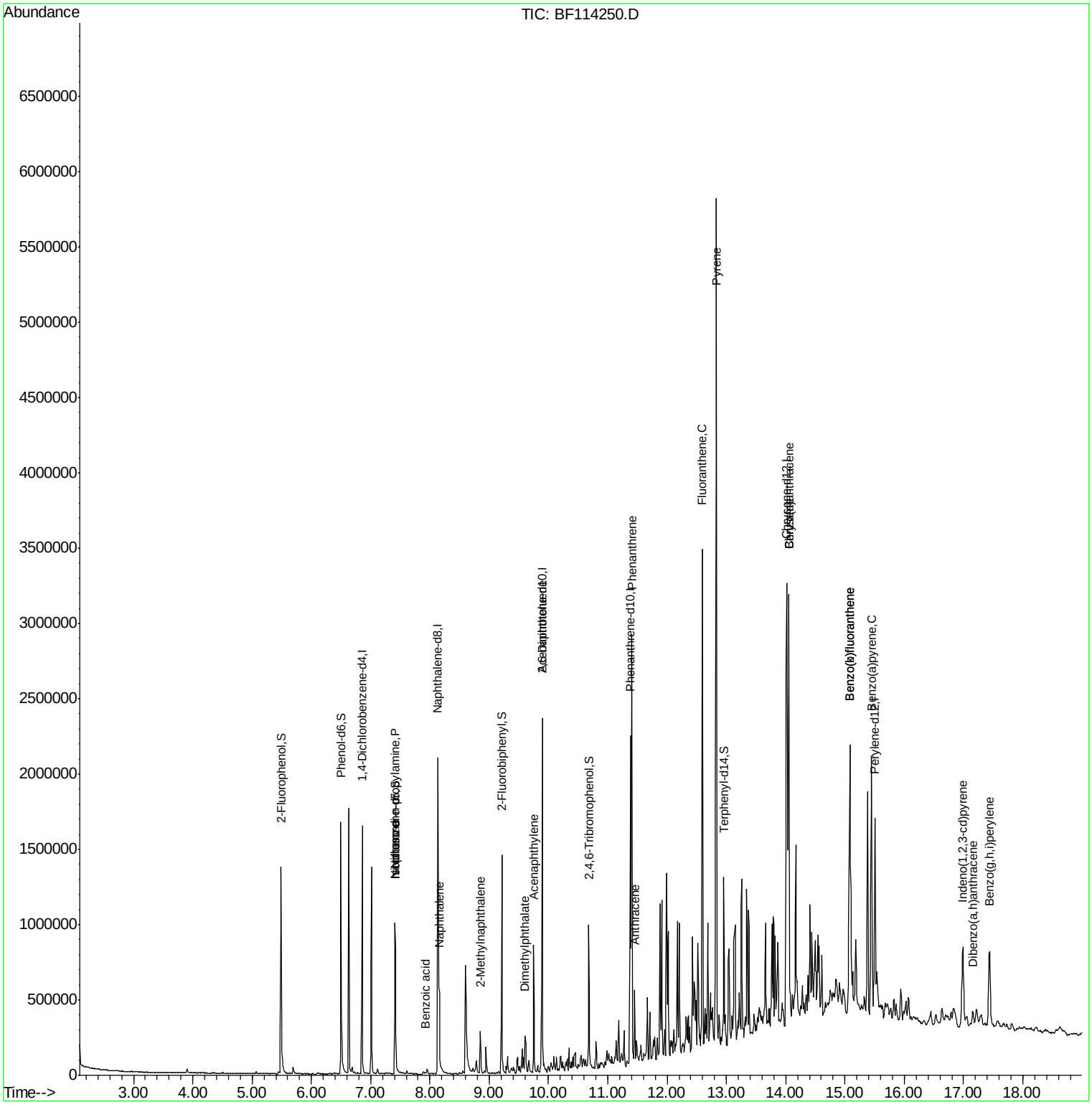
(#) = qualifier out of range (m) = manual integration (+) = signals summed

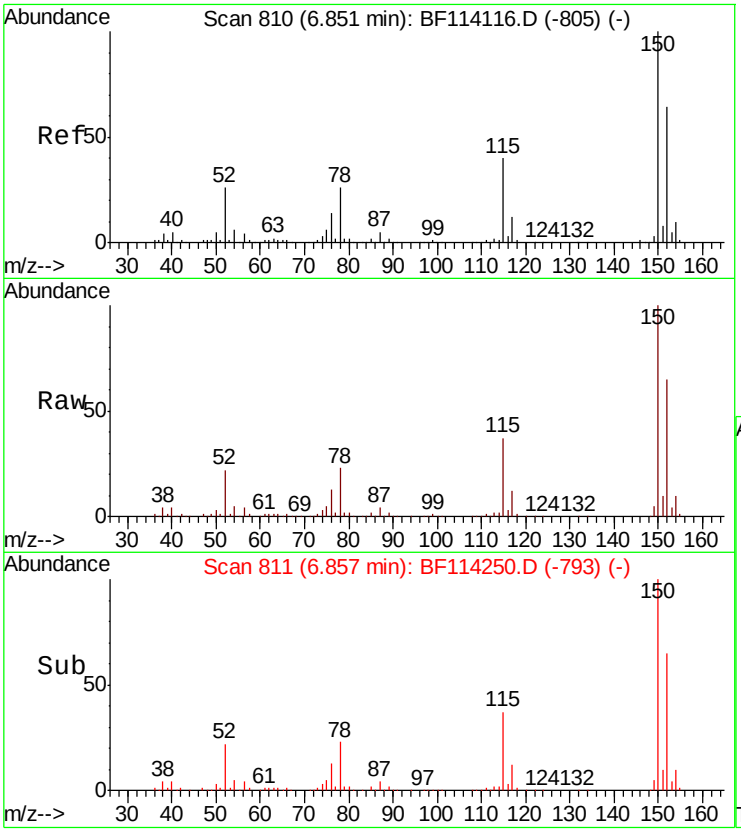
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114250.D
Acq On : 14 May 2019 1:25
Operator : JU/SJ
Sample : K2765-21DL 4X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Quant Time: May 14 04:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



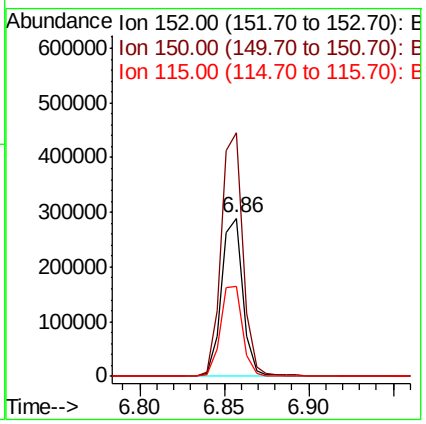


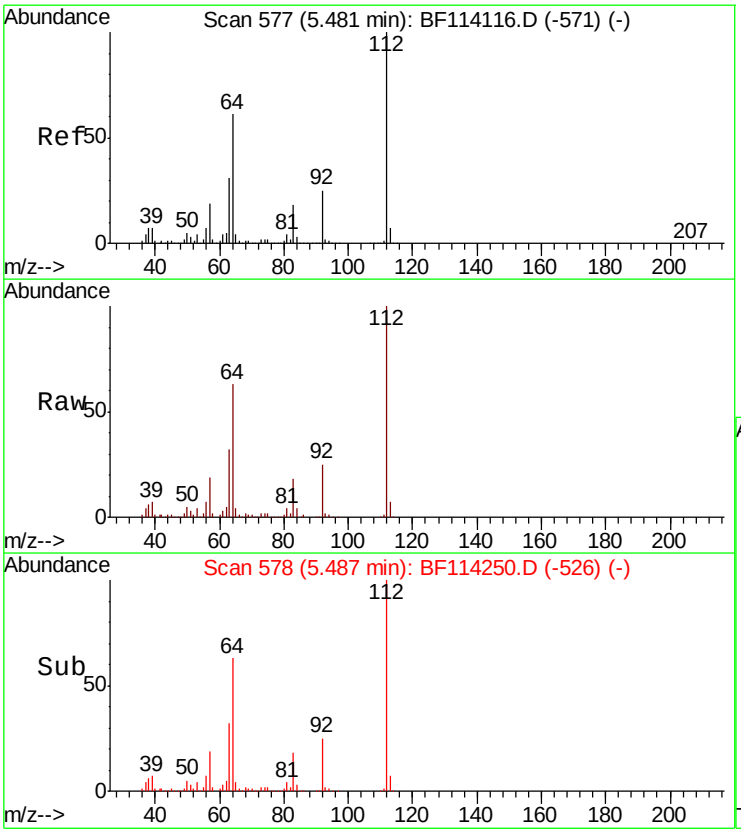
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:152 Resp: 255947

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.3	186.5
115	56.9	49.1	73.7

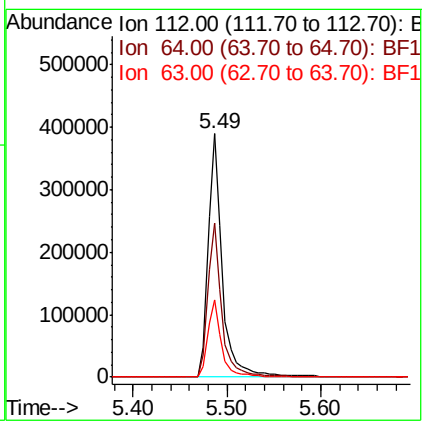


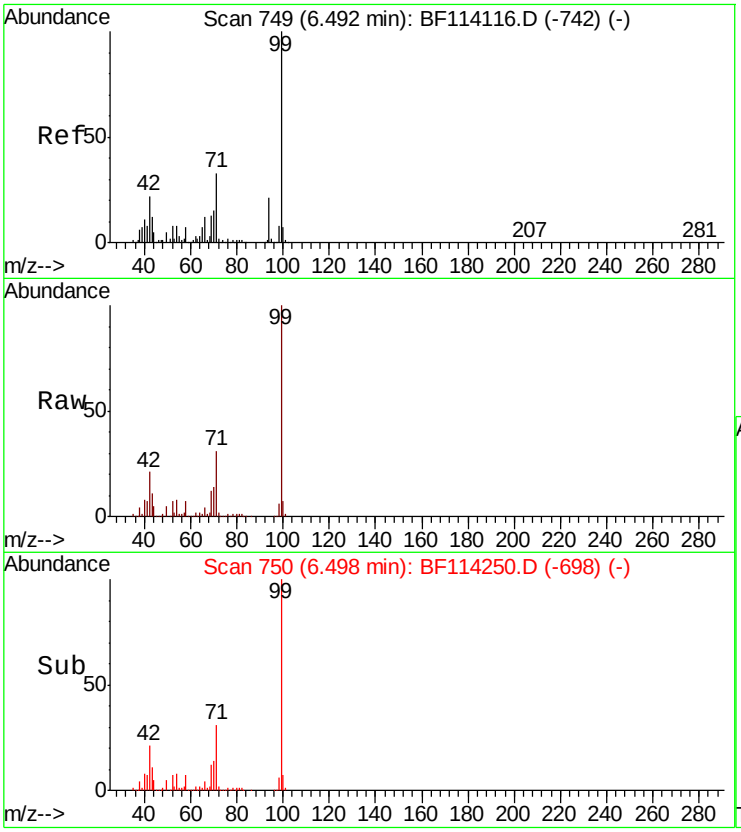


#5
2-Fluorophenol
Concen: 26.134 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:112 Resp: 415653

Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	31.7	24.6	37.0



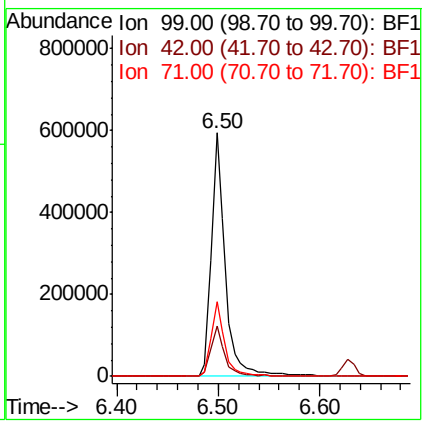


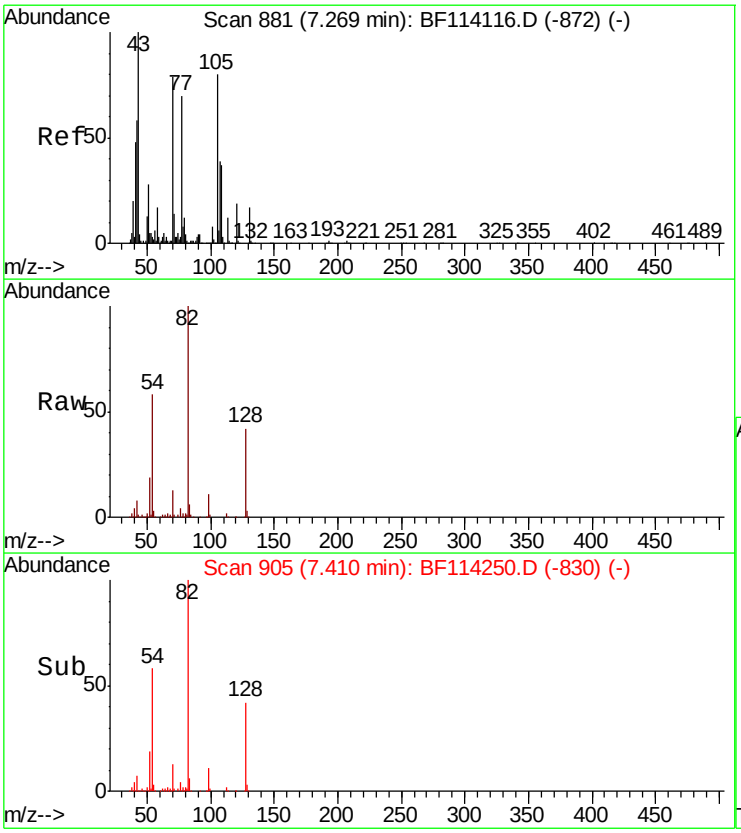
#7
Phenol-d6
Concen: 30.374 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion: 99 Resp: 571365

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	30.9	26.2	39.2

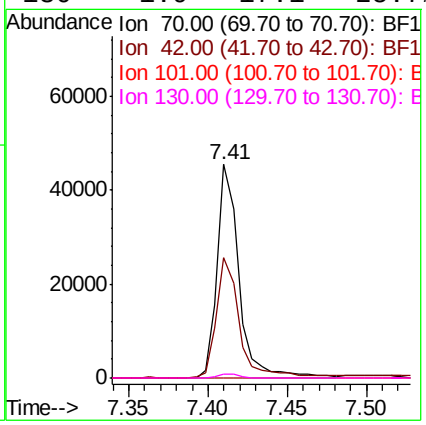


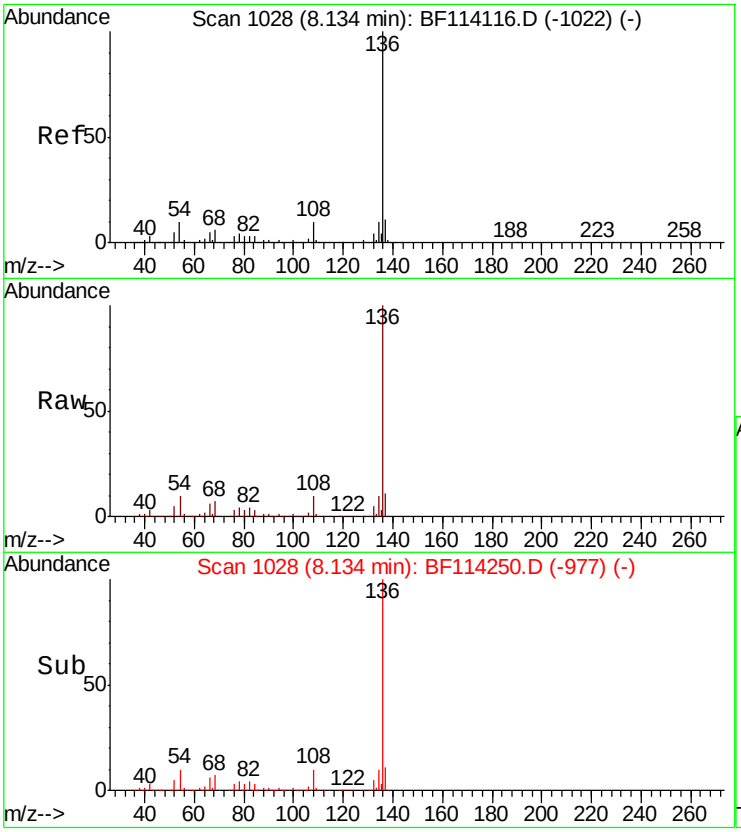


#19
n-Nitroso-di-n-propylamine
Concen: 3.655 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion: 70 Resp: 43579

Ion	Ratio	Lower	Upper
70	100		
42	56.1	58.6	87.8#
101	0.0	7.8	11.8#
130	1.9	17.1	25.7#



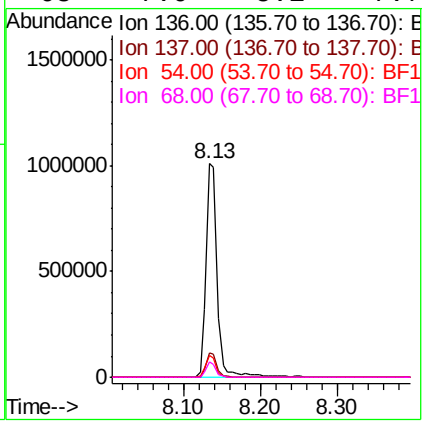


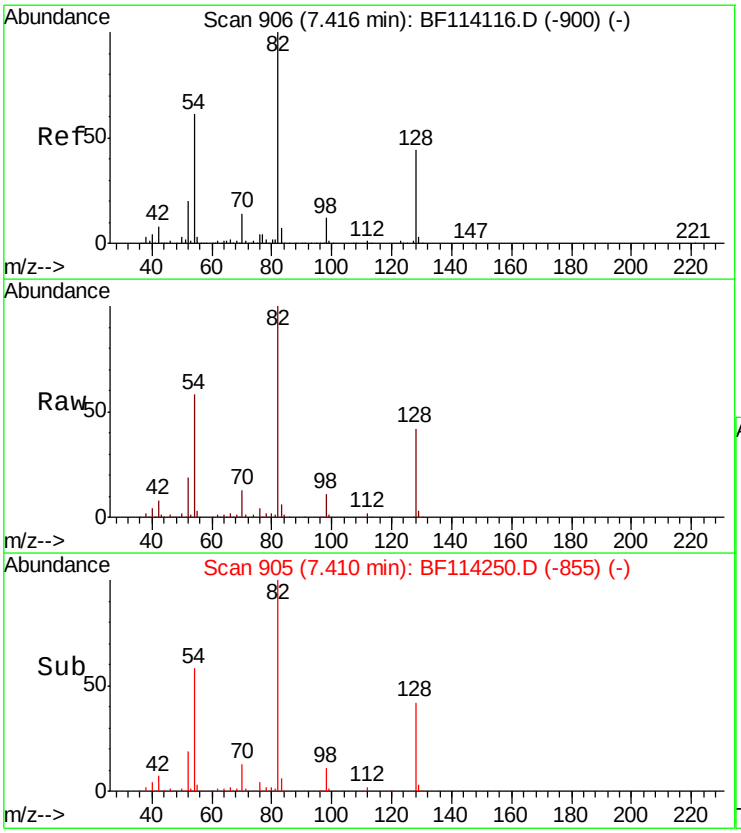
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:136 Resp: 1015312

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.4	7.8	11.8
68	7.0	5.1	7.7

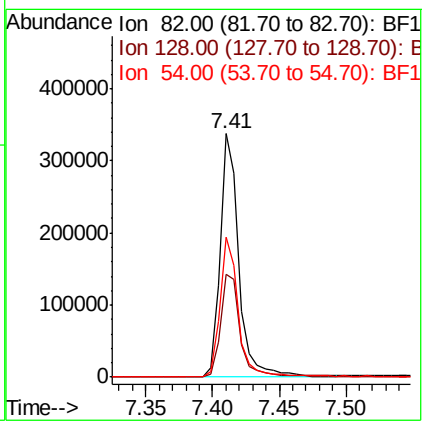


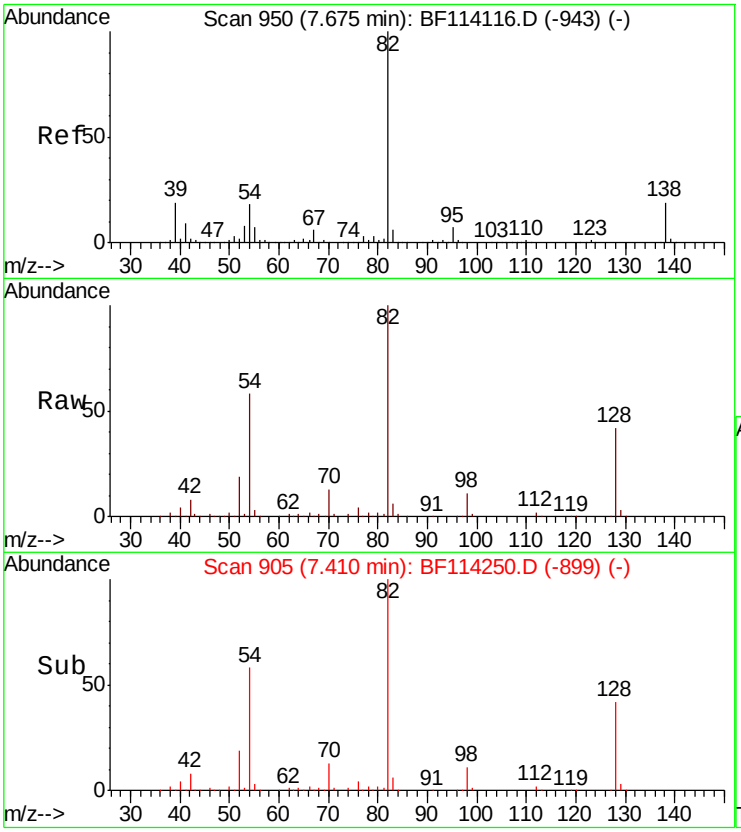


#23
Nitrobenzene-d5
Concen: 18.559 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion: 82 Resp: 335760

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.5	53.3
54	57.7	48.5	72.7



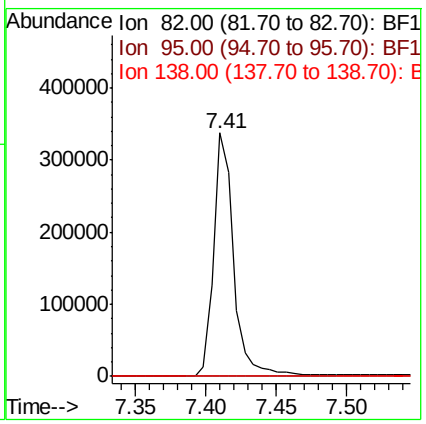


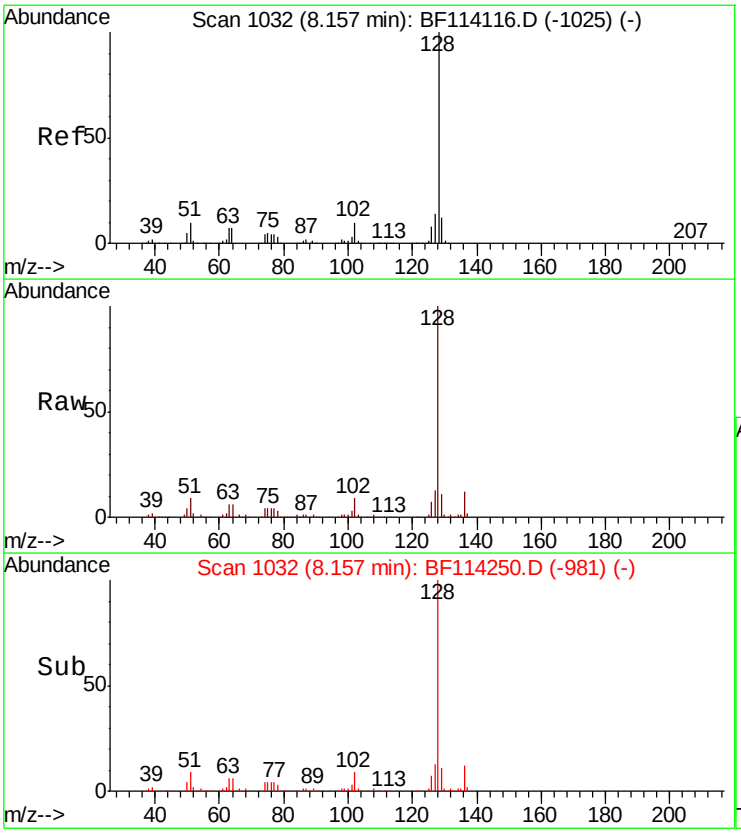
#25
Isophorone
Concen: 10.007 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion: 82 Resp: 335757

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

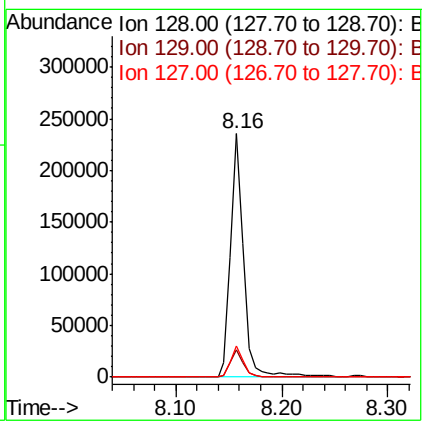


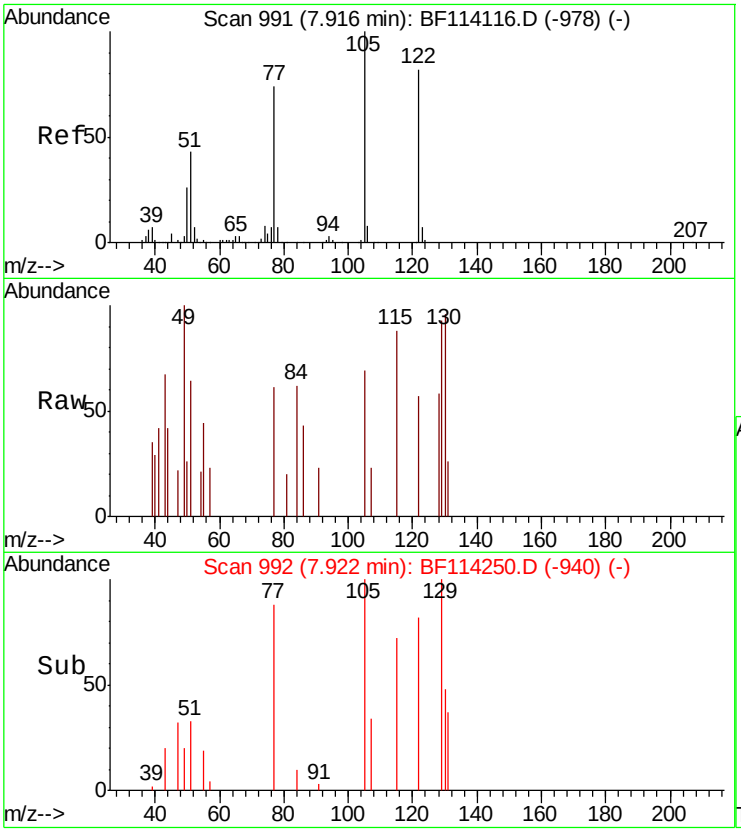


#31
Naphthalene
Concen: 4.231 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:128 Resp: 200668

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	12.9	11.3	16.9



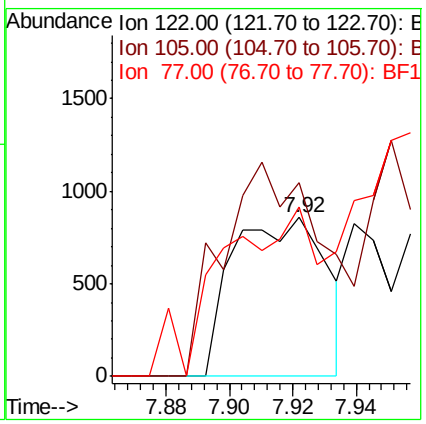


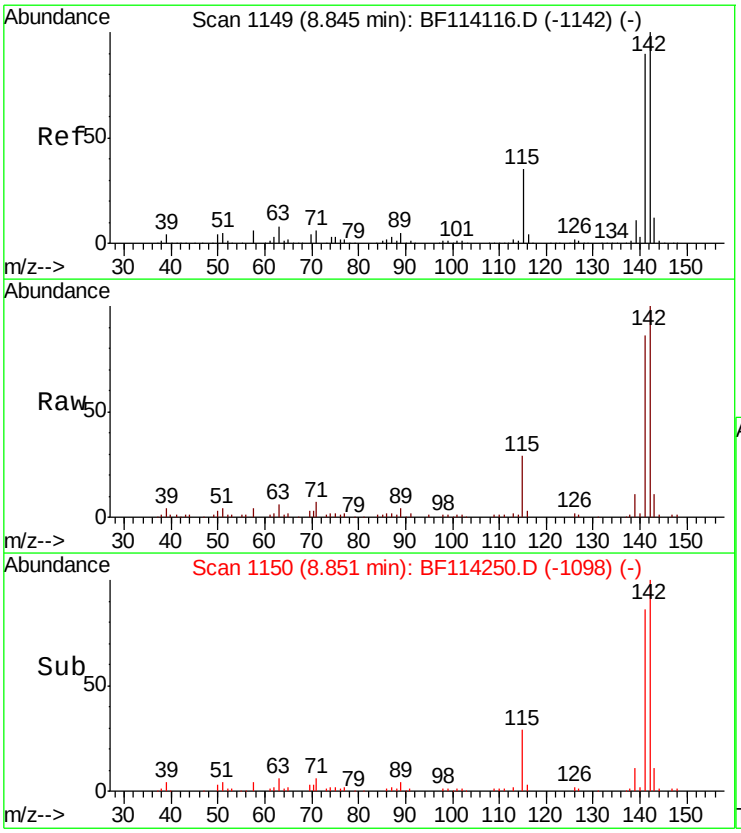
#32
Benzoic acid
Concen: 7.170 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:122 Resp: 1749

Ion	Ratio	Lower	Upper
122	100		
105	121.6	99.9	139.9
77	106.5	69.4	109.4

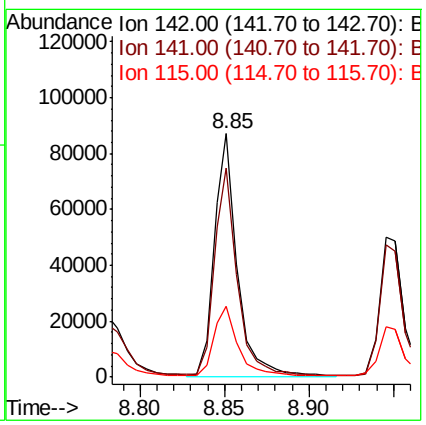


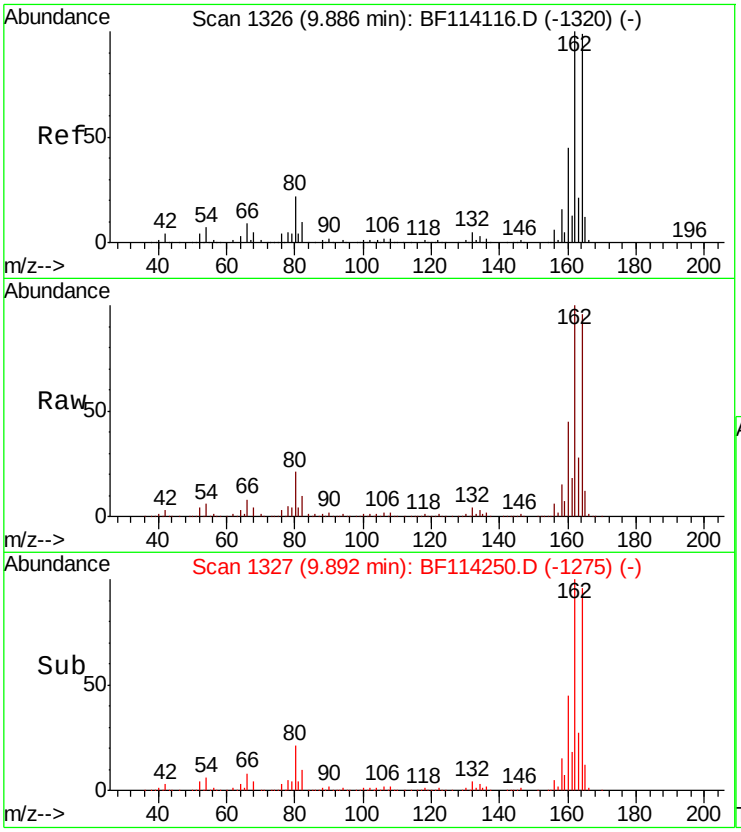


#37
2-Methylnaphthalene
Concen: 2.735 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:142 Resp: 83692

Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.1	108.1
115	29.1	28.0	42.0



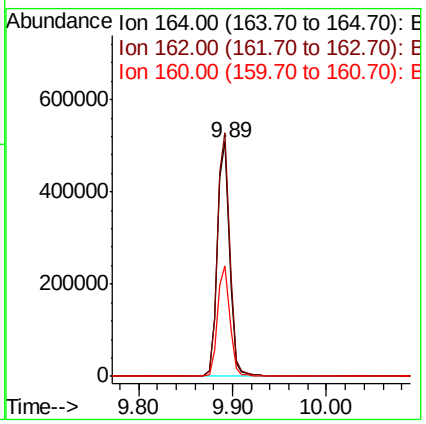


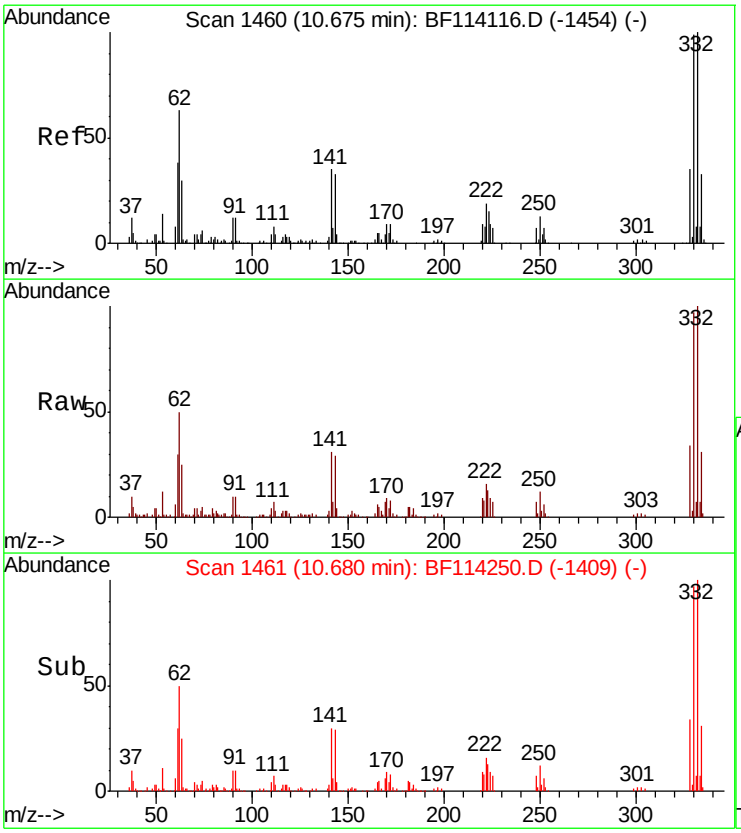
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:164 Resp: 467353

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	47.2	36.5	54.7

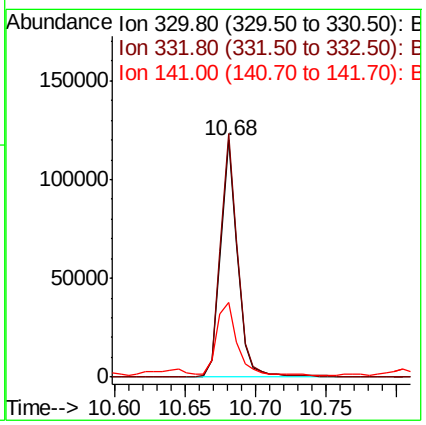


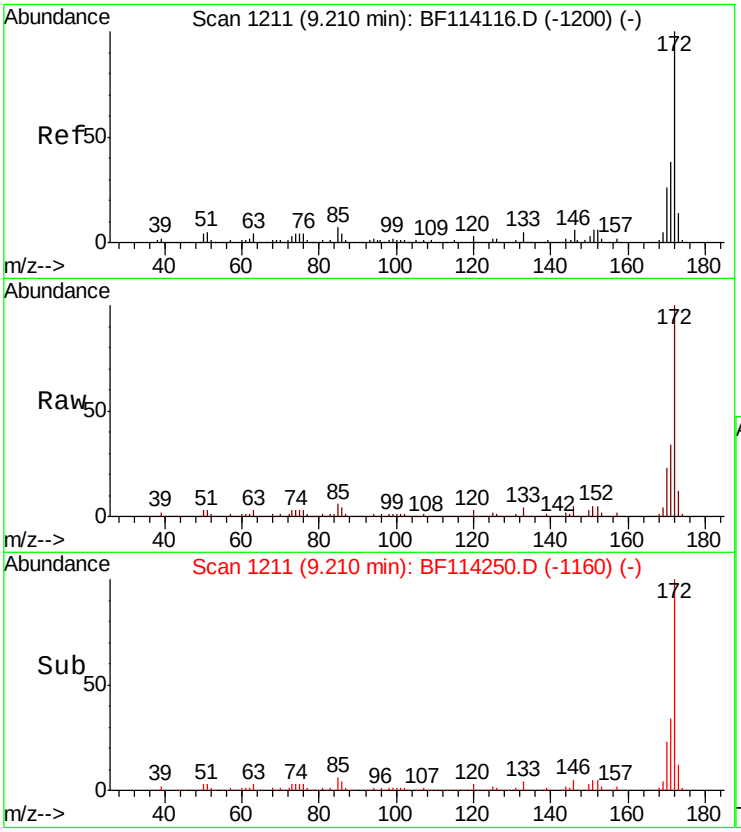


#42
2,4,6-Tribromophenol
Concen: 20.992 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:330 Resp: 101427

Ion	Ratio	Lower	Upper
330	100		
332	104.0	81.4	122.2
141	38.6	26.6	40.0



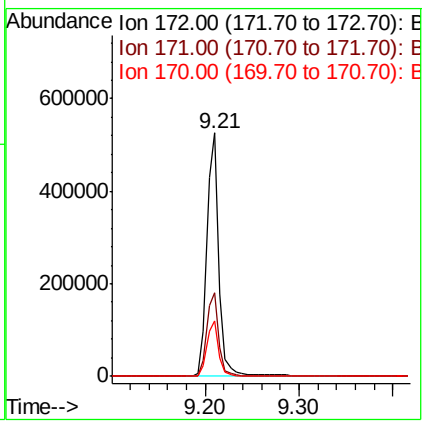


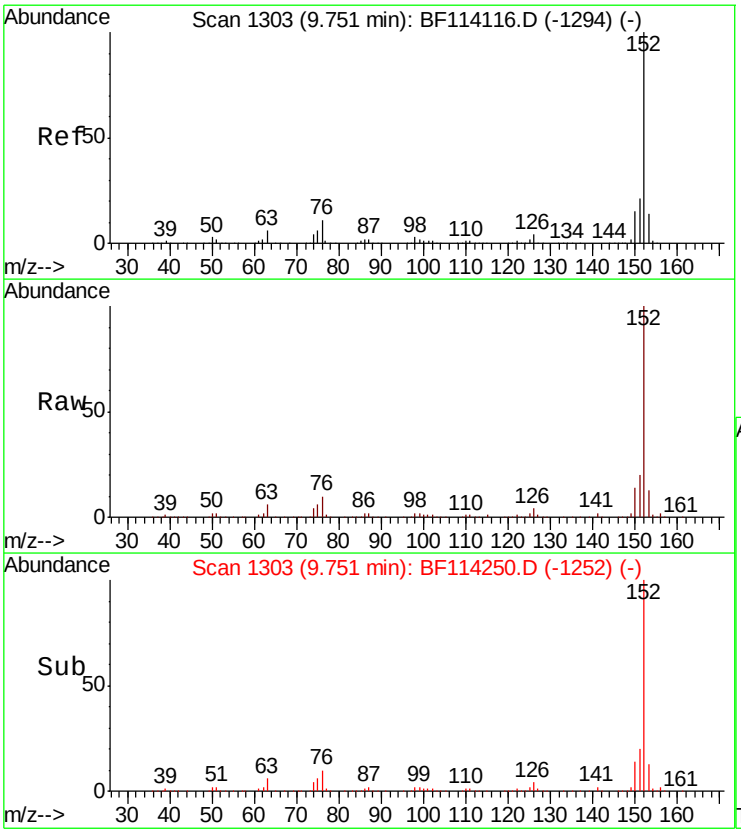
#45
2-Fluorobiphenyl
Concen: 15.307 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:172 Resp: 472926

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.7	46.1
170	22.9	20.5	30.7

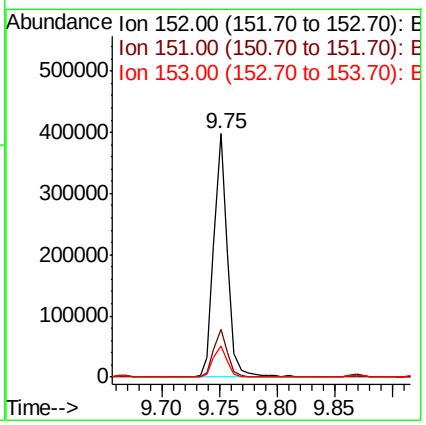


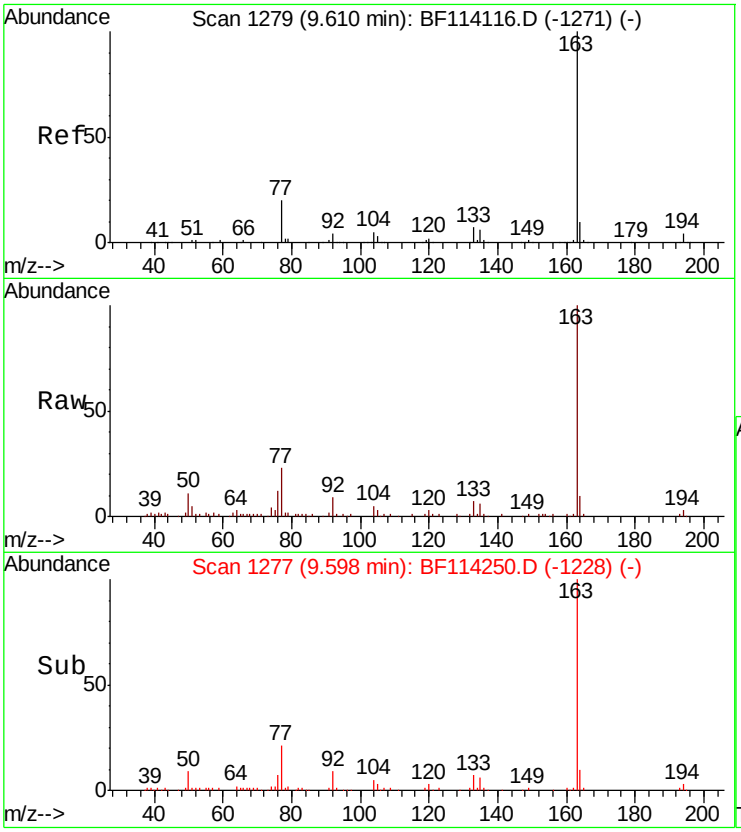


#49
Acenaphthylene
Concen: 7.053 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:152 Resp: 325951

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	12.9	11.4	17.2



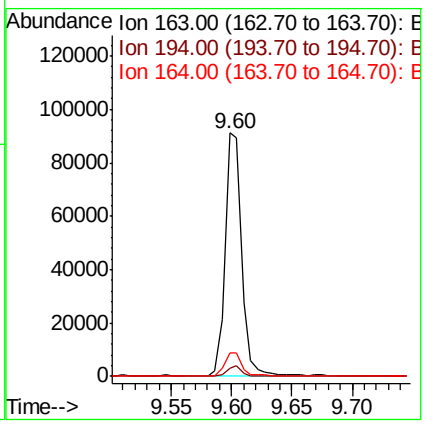


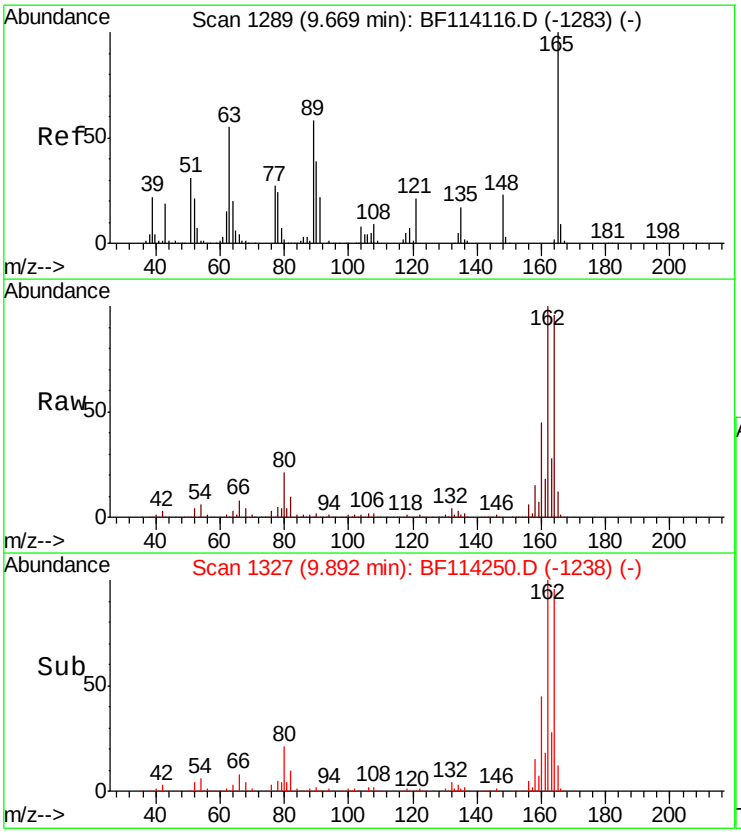
#50
Dimethylphthalate
Concen: 2.543 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:163 Resp: 87244

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	9.6	8.2	12.2

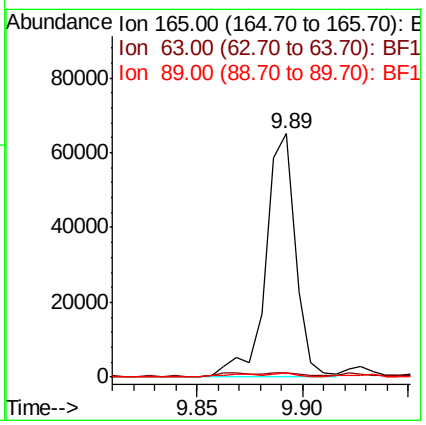


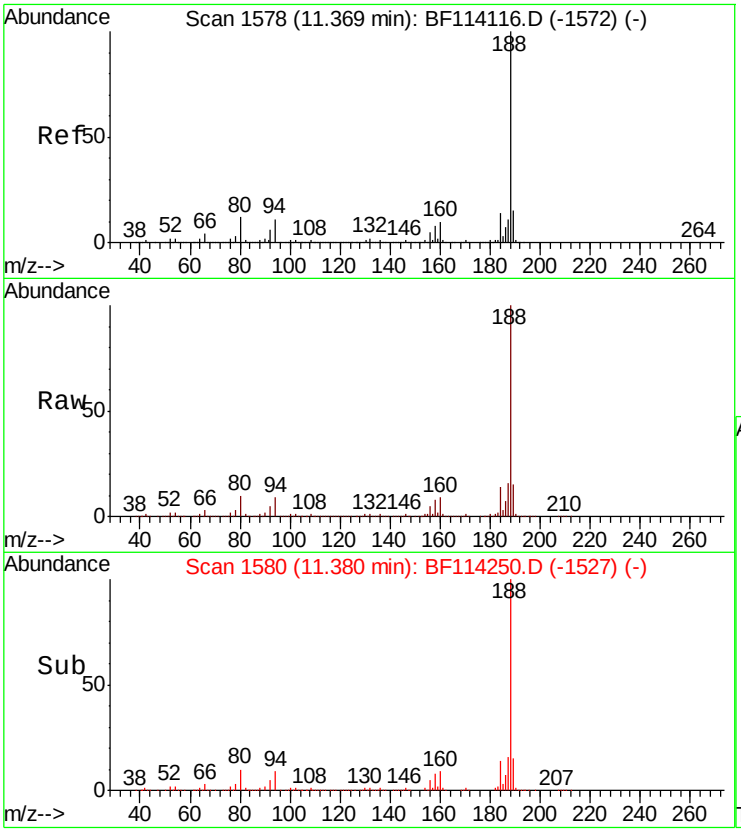


#51
2,6-Dinitrotoluene
Concen: 8.416 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.22 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:165 Resp: 64043

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.2	75.4#
89	1.7	46.6	69.8#



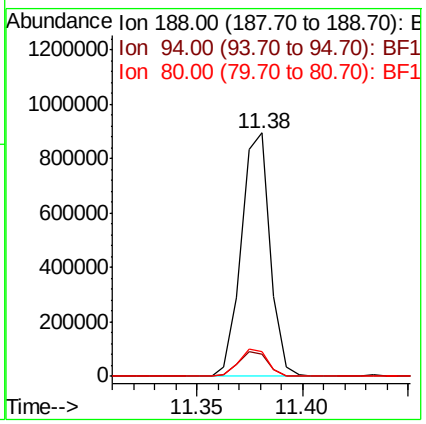


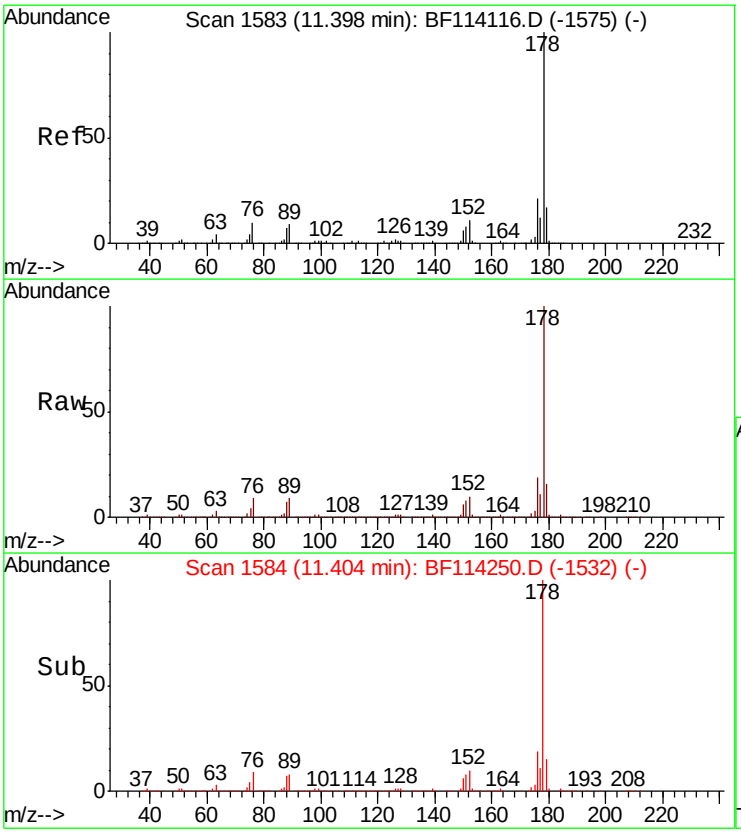
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:188 Resp: 847370

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.4	12.6
80	10.2	9.2	13.8

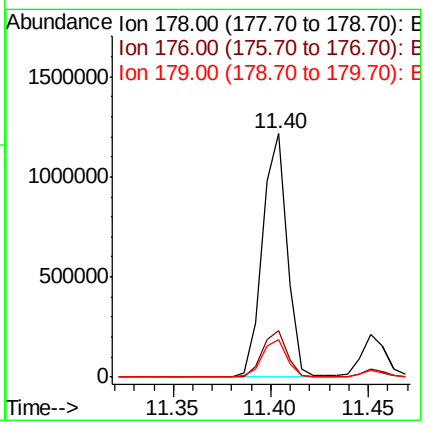


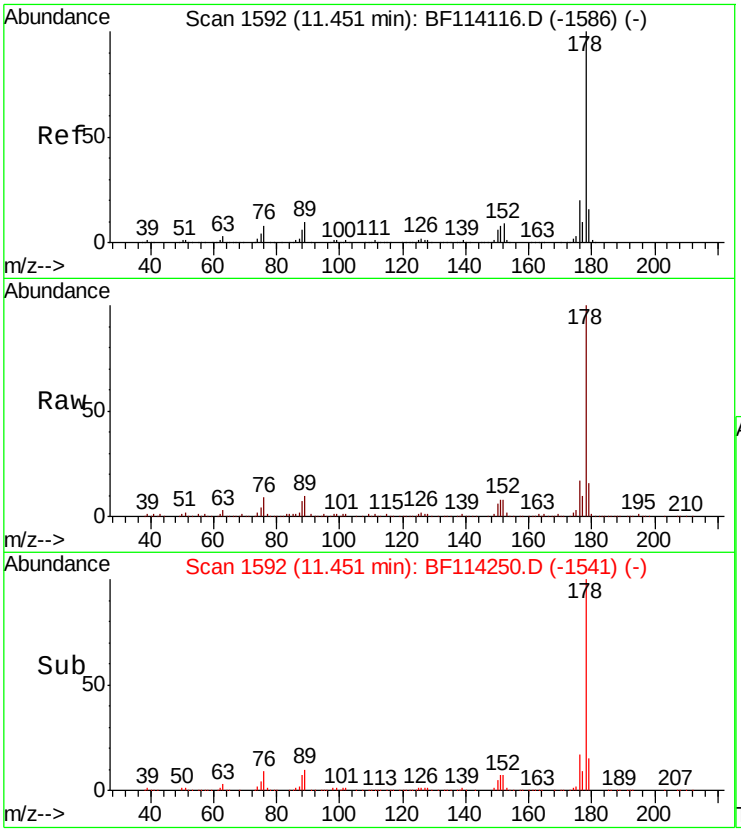


#71
Phenanthrene
Concen: 25.749 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:178 Resp: 1061507

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.5	13.2	19.8



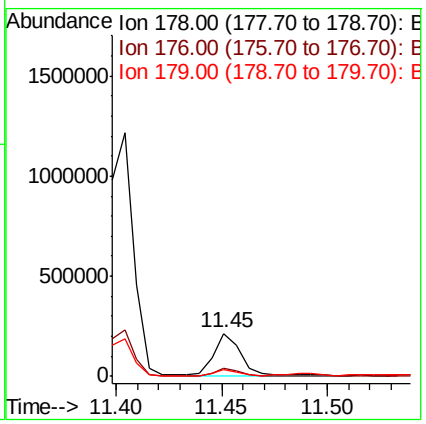


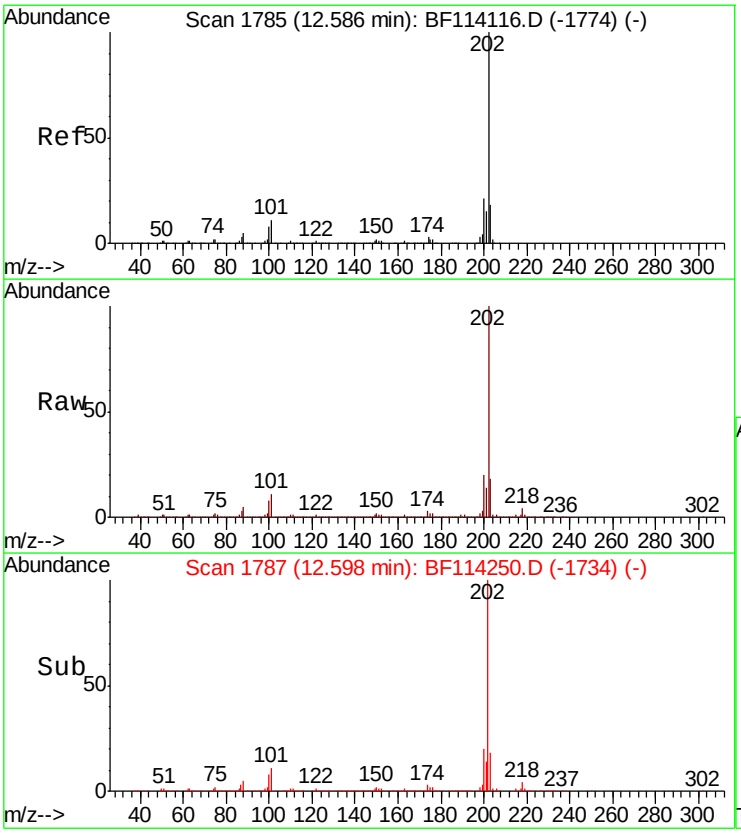
#72
Anthracene
Concen: 4.541 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:178 Resp: 188050

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	15.9	13.0	19.4

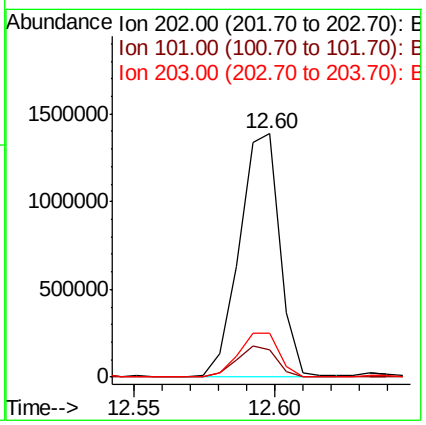


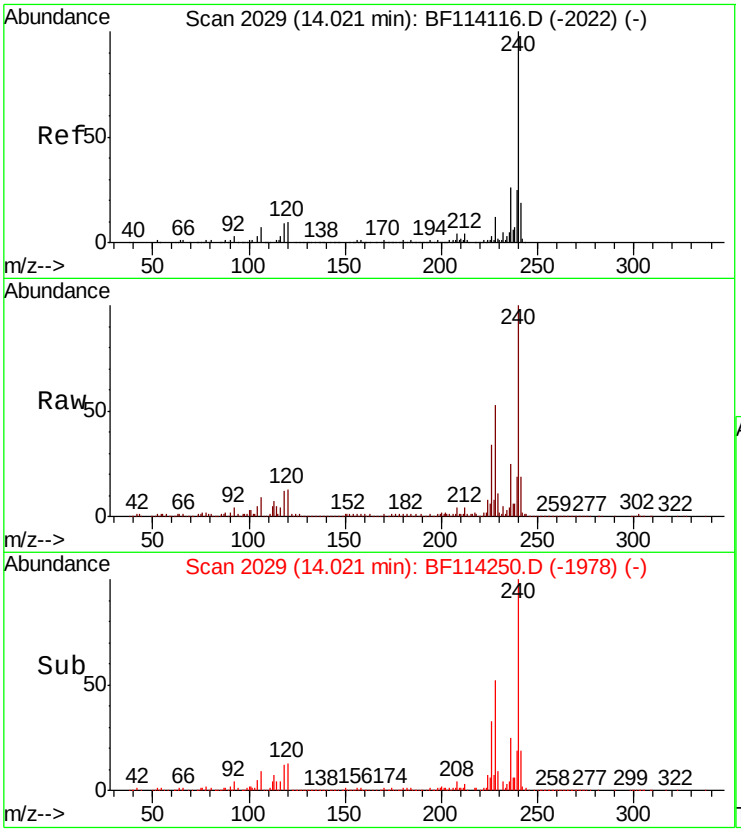


#75
Fluoranthene
Concen: 30.948 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:202 Resp: 1373907

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	18.0	0.0	38.4



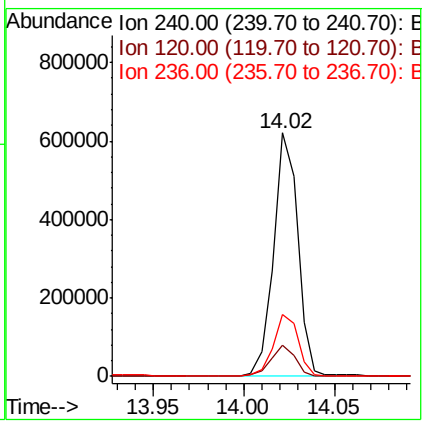


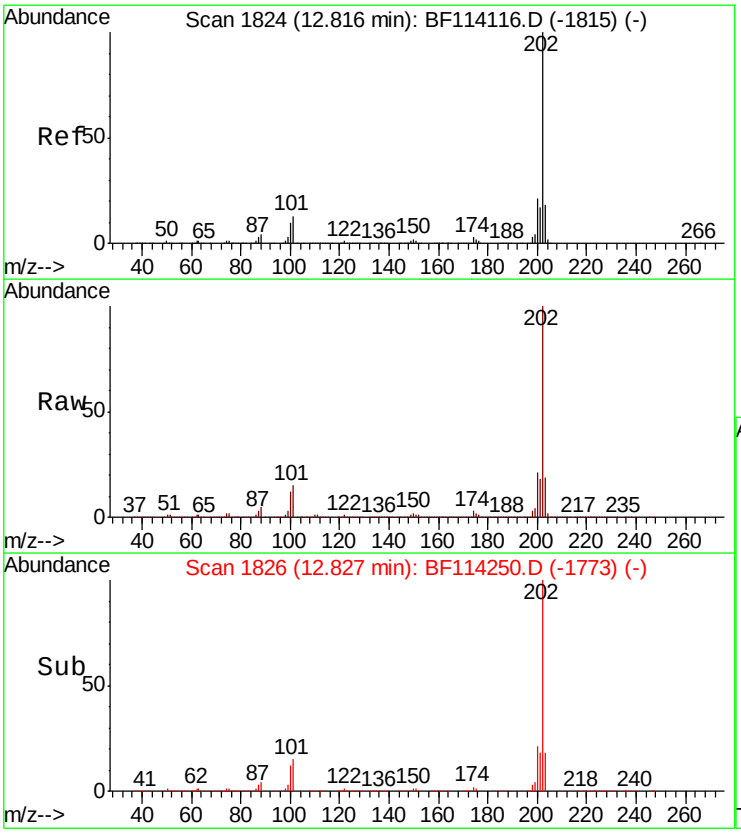
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:240 Resp: 573773

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	25.3	20.8	31.2

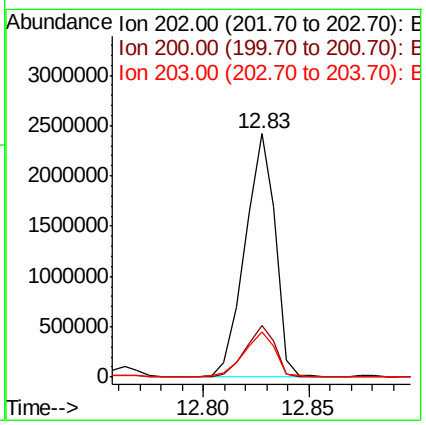


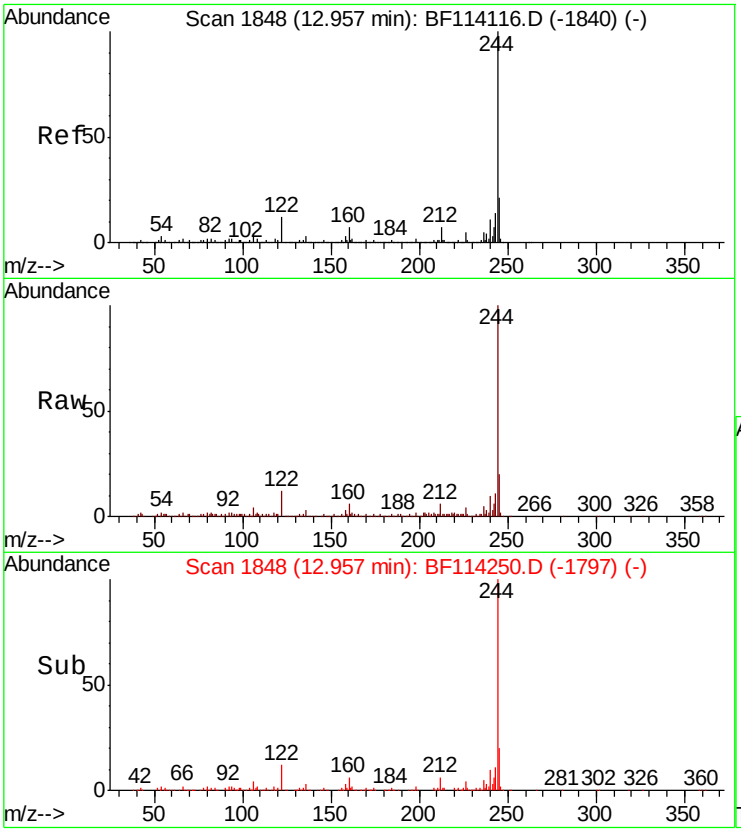


#78
Pyrene
Concen: 51.771 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:202 Resp: 2389613

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.6	14.5	21.7



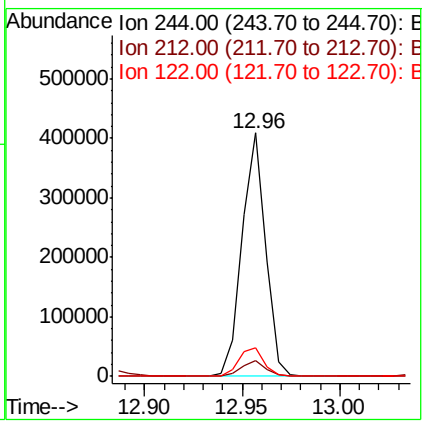


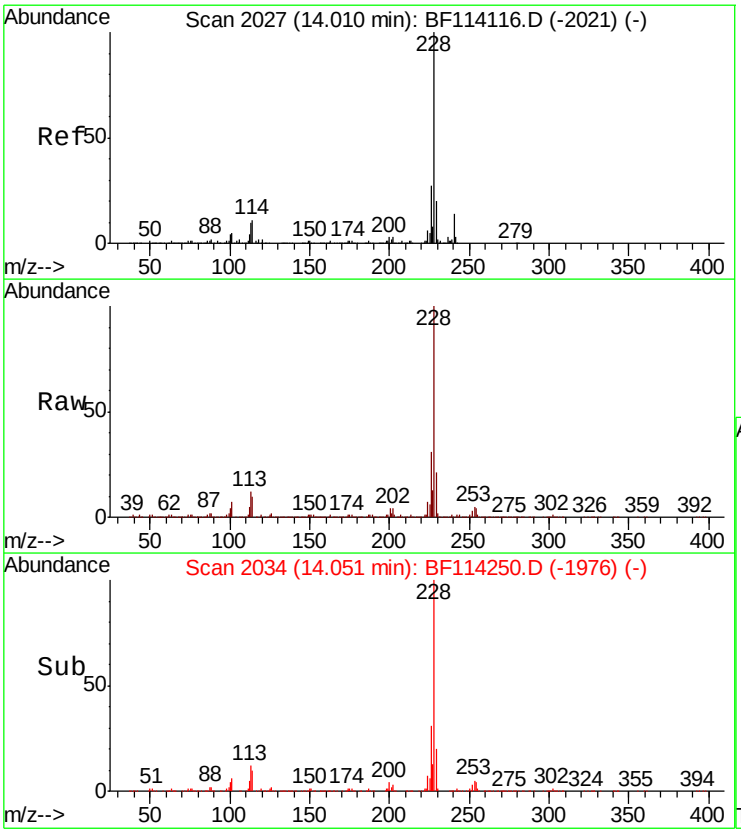
#79
Terphenyl-d14
Concen: 12.234 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:244 Resp: 340505

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	12.0	9.4	14.2

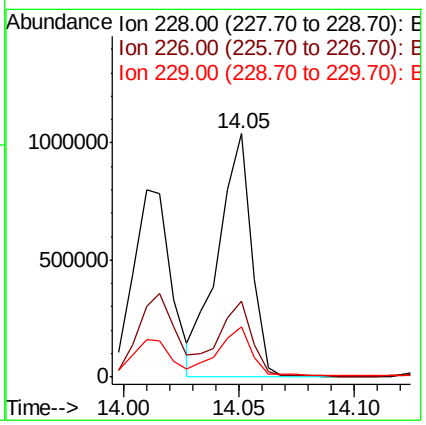


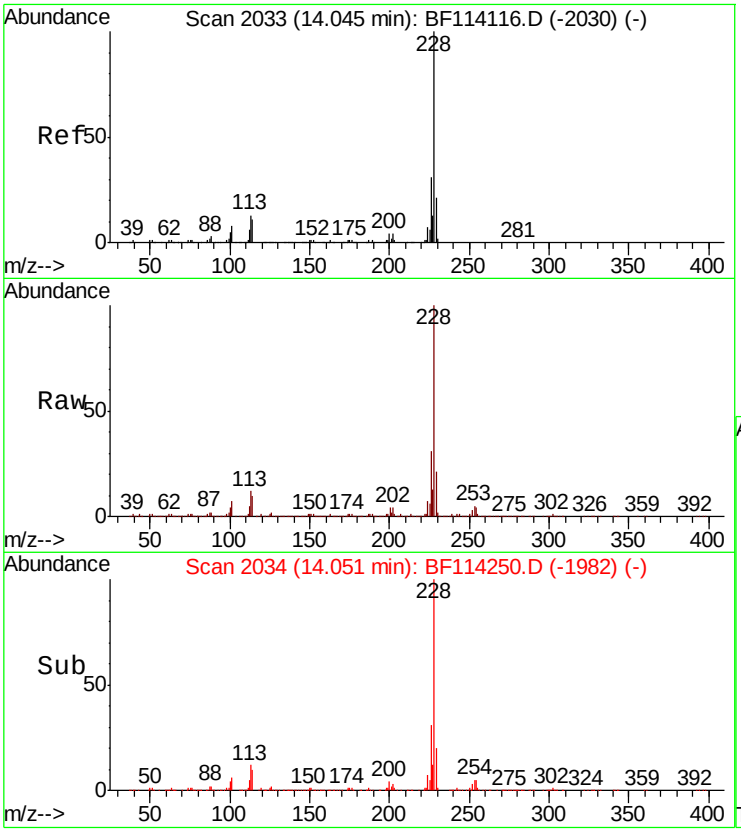


#81
Benzo(a)anthracene
Concen: 28.090 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:228 Resp: 1042476

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.2	33.2
229	20.7	16.4	24.6



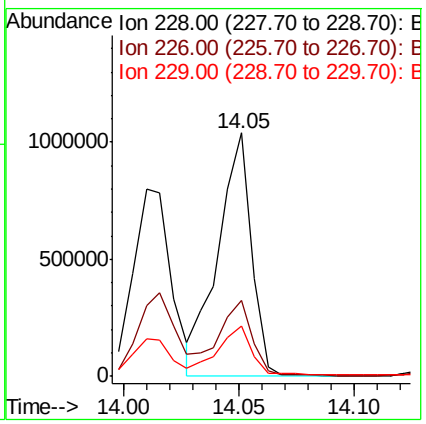


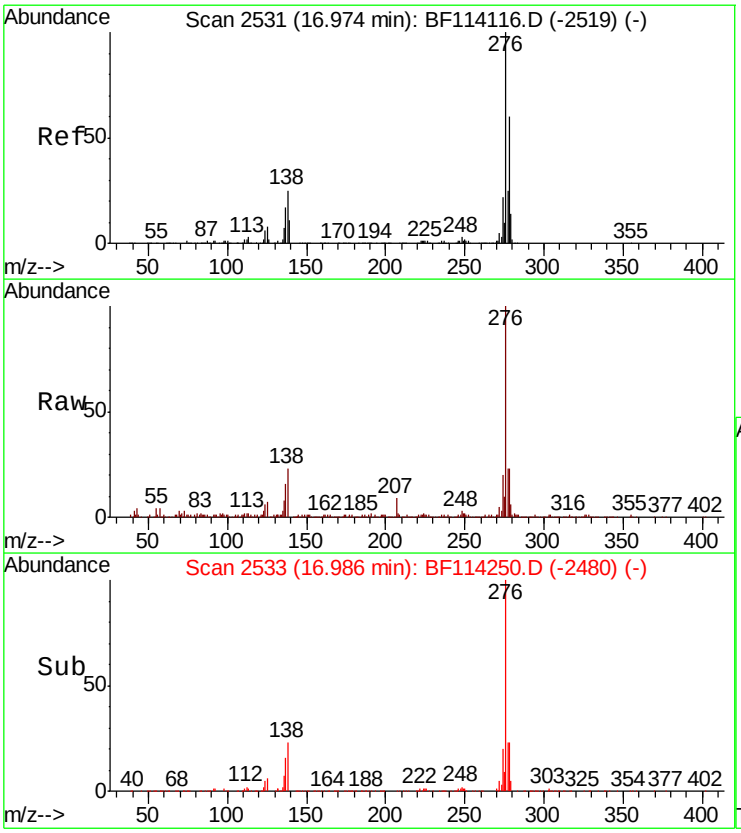
#83
Chrysene
Concen: 28.656 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:228 Resp: 1042476

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.7	17.0	25.6

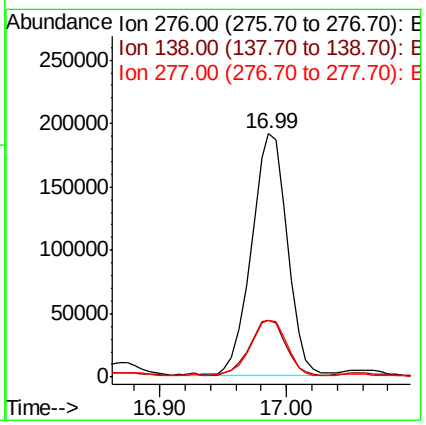


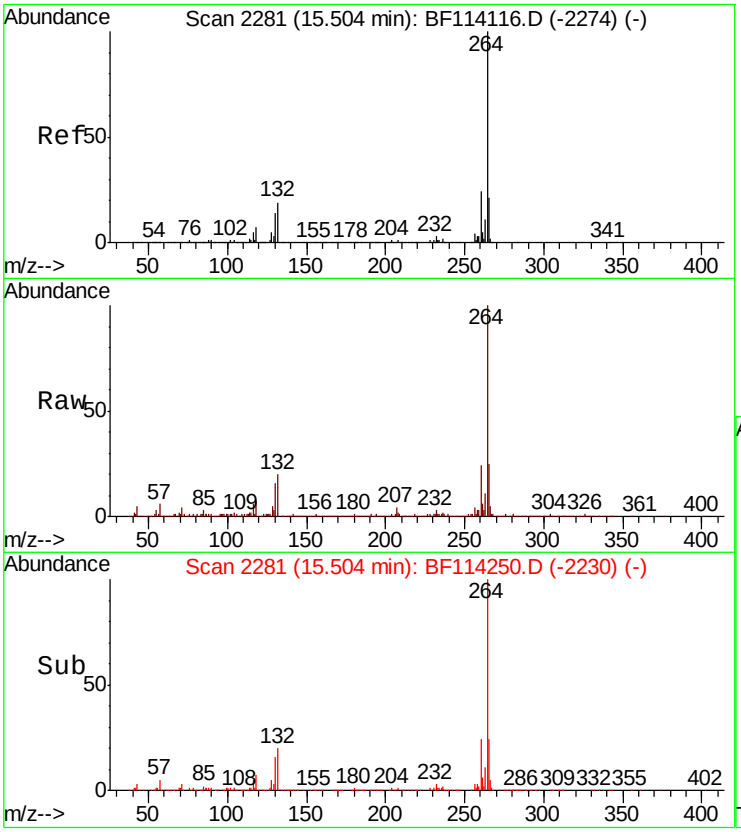


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.668 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:276 Resp: 375150

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.2
277	23.0	20.0	30.0



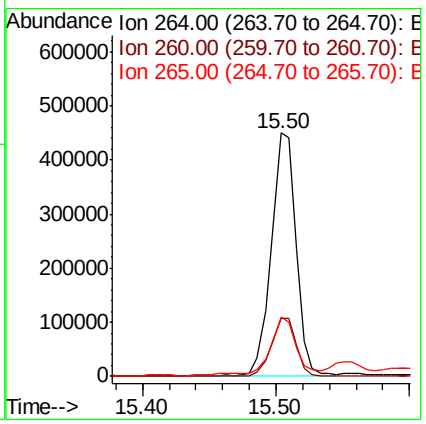


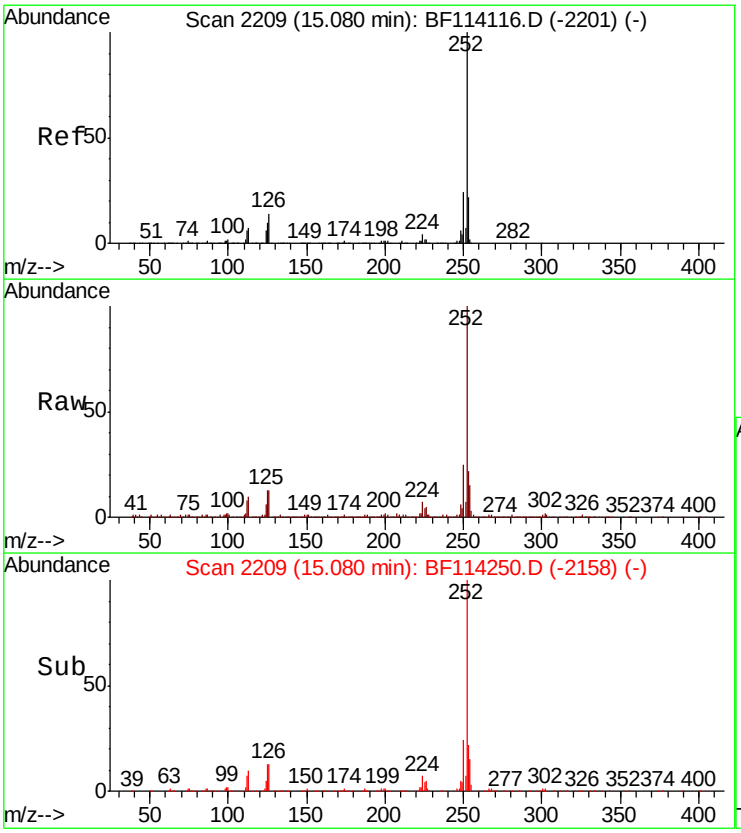
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:264 Resp: 589786

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	24.6	16.9	25.3

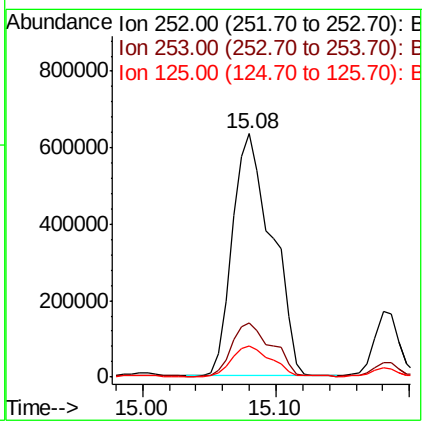


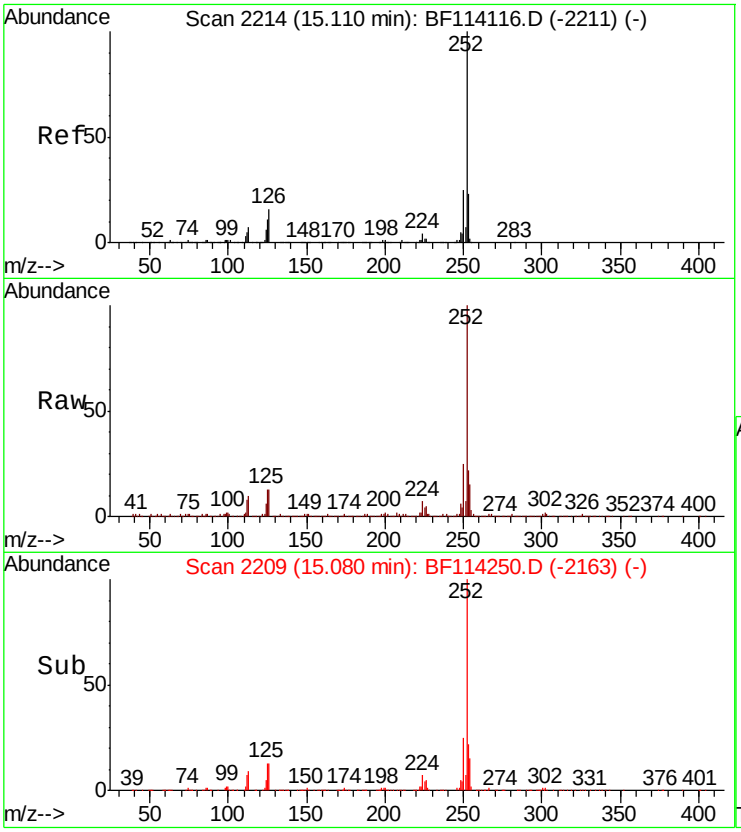


#88
Benzo(b)fluoranthene
Concen: 34.551 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:252 Resp: 1305508

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.0	8.3	12.5#



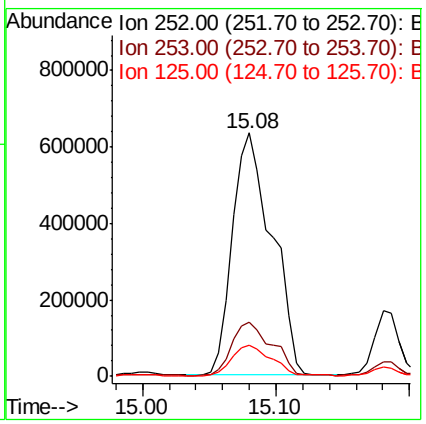


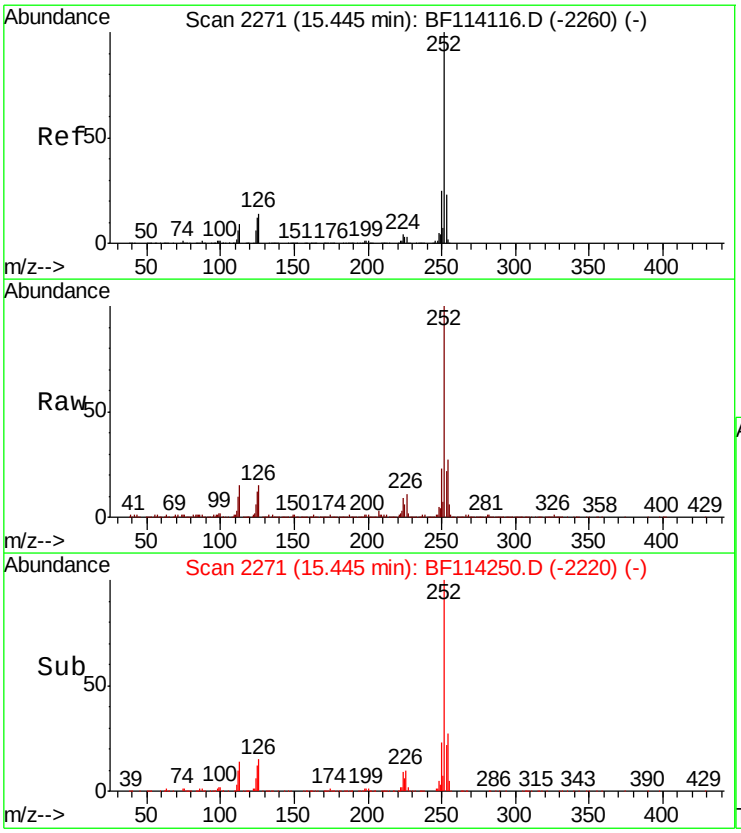
#89
Benzo(k)fluoranthene
Concen: 37.613 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:252 Resp: 1305508

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.0	8.6	13.0#

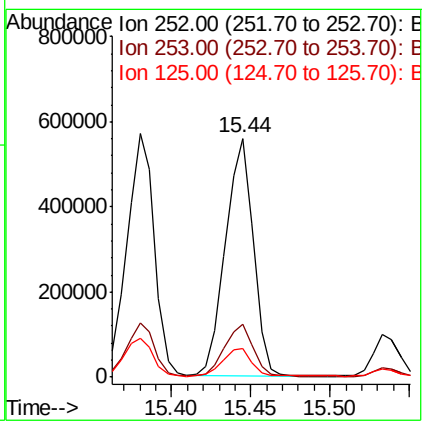


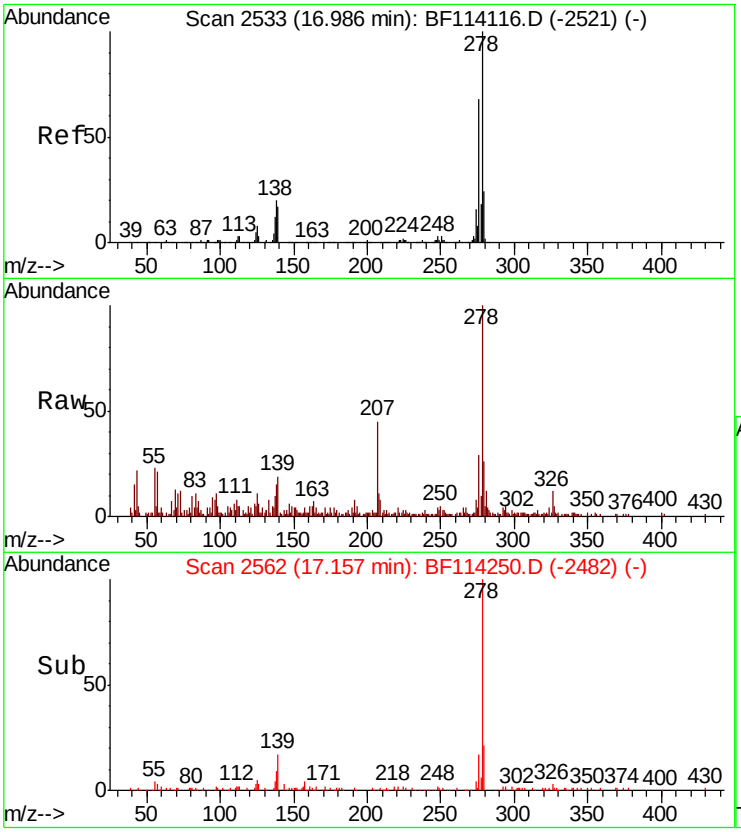


#90
Benzo(a)pyrene
Concen: 20.526 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:252 Resp: 682571

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.0	9.5	14.3



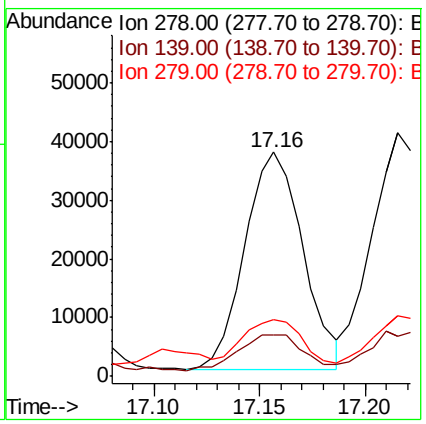


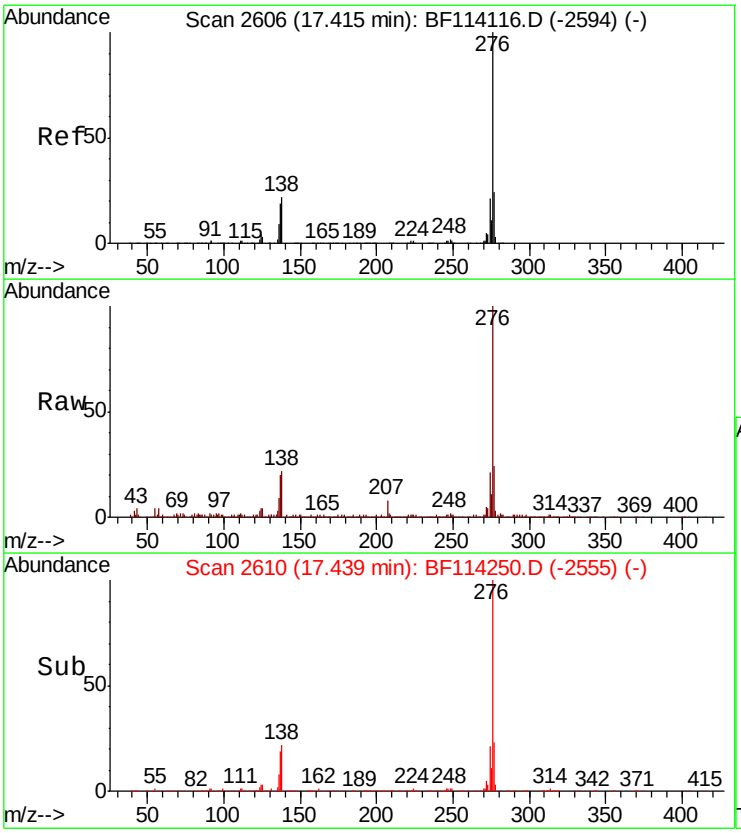
#91
Dibenzo(a,h)anthracene
Concen: 2.580 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.17 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-02DL

Tgt Ion:278 Resp: 71295

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.5	20.3
279	25.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 15.285 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF114250.D
Acq: 14 May 2019 1:25

Tgt Ion:276 Resp: 423259

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	22.3	17.8	26.6