Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114139.D
Acq On : 10 May 2019 23:40
Operator : JU/SJ
Sample : K2764-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS001-0002-01

Quant Time: May 11 04:03:46 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	271294	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	898643	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	366872	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	716194	20.00	ng		0.00
76) Chrysene-d12	14.02	240	478389	20.00	ng		0.00
87) Perylene-d12	15.49	264	461030	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1889140	112.06	ng		0.00
7) Phenol-d6	6.49	99	2438684	122.31	ng		0.00
23) Nitrobenzene-d5	7.41	82	1420823	88.73	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	448853	118.34	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2005109	82.67	ng		0.00
79) Terphenyl-d14	12.96	244	1891770	81.52	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	194465	15.387	ng	#	75
25) Isophorone	7.41	82	1412598	47.566	ng	#	64
31) Naphthalene	8.16	128	622555	14.831	ng		97
32) Benzoic acid	7.86	122	13270	8.299	ng		85
33) 4-Chloroaniline	8.16	127	80479	4.207	ng	#	35
37) 2-Methylnaphthalene	8.85	142	187381	6.919	ng		98
38) 1-Methylnaphthalene	8.95	142	103917	4.074	ng		98
46) 1,1'-Biphenyl	9.31	154	64713	2.183	ng		94
49) Acenaphthylene	9.75	152	1335345	36.808	ng		99
50) Dimethylphthalate	9.60	163	349925	12.993	ng		100
54) 2,4-Dinitrophenol	9.96	184	115	6.780	ng	#	1
57) 2,4-Dinitrotoluene	10.19	165	19763	2.438	ng	#	50
58) Fluorene	10.54	166	106799	4.236	ng		95
67) 4-Bromophenyl-phenylether	10.67	248	28989	3.676	ng	#	1
71) Phenanthrene	11.40	178	3370673	96.737	ng		97
72) Anthracene	11.45	178	934857	26.712	ng		97
75) Fluoranthene	12.60	202	5458930	145.485	ng		93
78) Pyrene	12.76	202	398190	10.347	ng		97
81) Benzo(a)anthracene	14.02	228	3862377	124.827	ng	#	84
83) Chrysene	14.06	228	4096862	135.068	ng		95
86) Indeno(1,2,3-cd)pyrene	16.96	276	1761796	65.722	ng		97
88) Benzo(b)fluoranthene	15.07	252	4988308	168.888	ng	#	96
89) Benzo(k)fluoranthene	15.07	252	4988308	183.853	ng	#	97
90) Benzo(a)pyrene	15.44	252	2384937	91.749	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	494711	22.903	ng		97
92) Benzo(g,h,i)perylene	17.42	276	2047635	94.594	ng		99

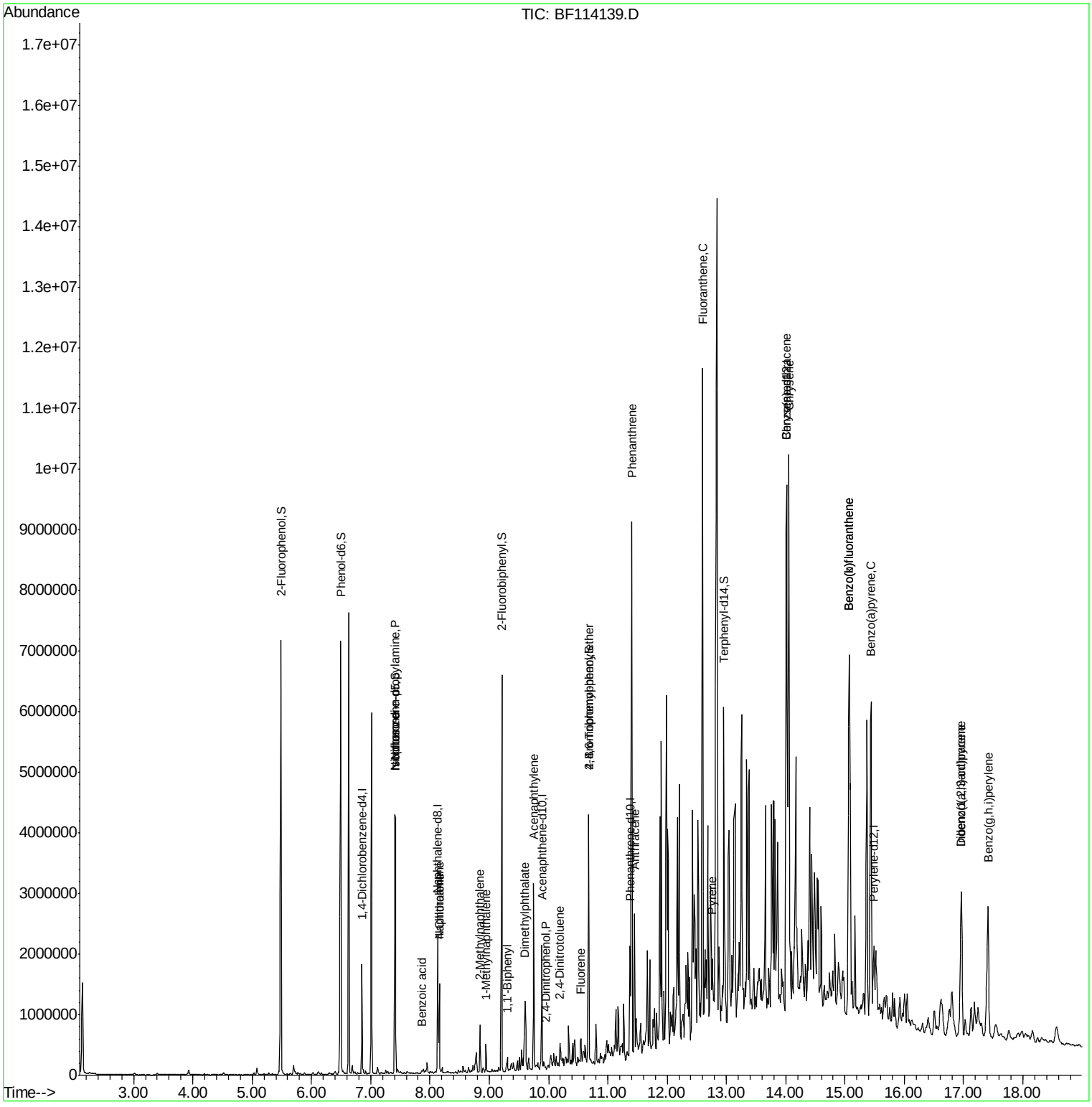
(#) = qualifier out of range (m) = manual integration (+) = signals summed

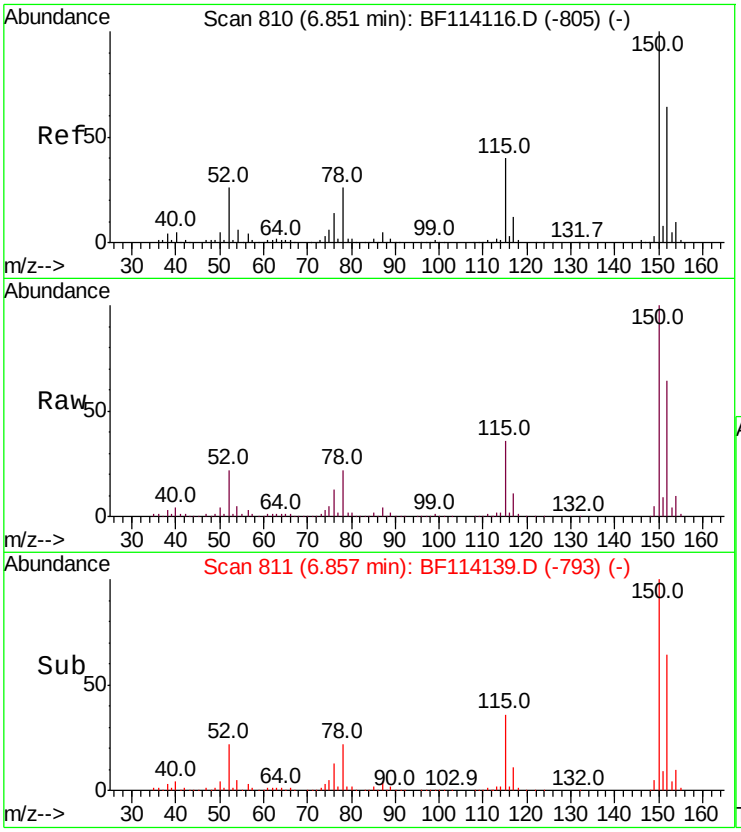
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114139.D
Acq On : 10 May 2019 23:40
Operator : JU/SJ
Sample : K2764-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Quant Time: May 11 04:03:46 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



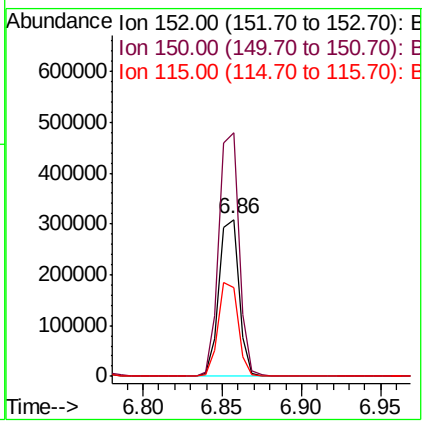


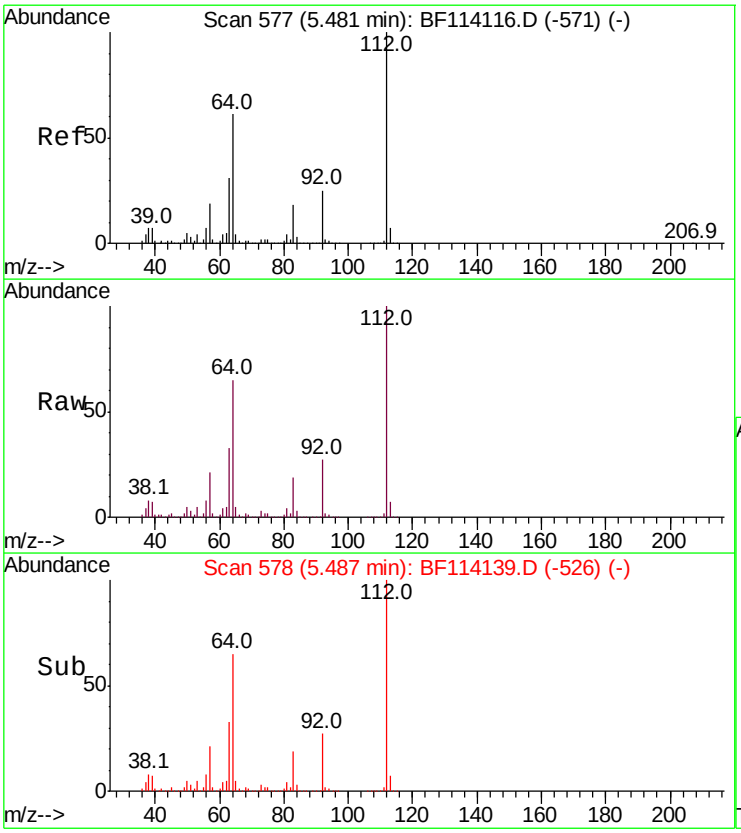
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:152 Resp: 271294

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	56.6	49.1	73.7

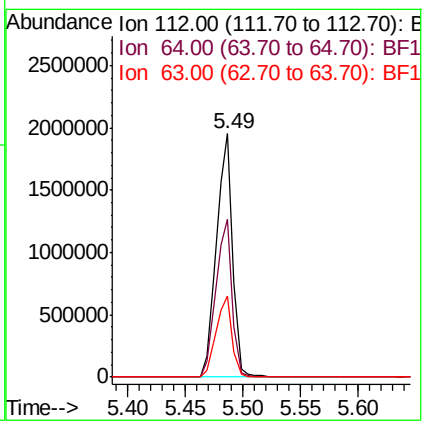


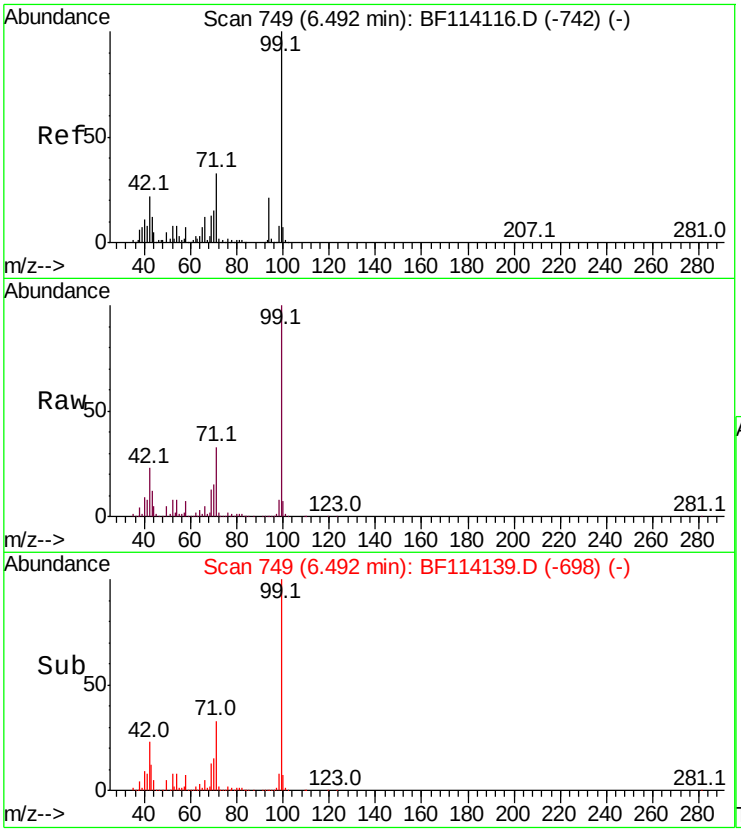


#5
2-Fluorophenol
Concen: 112.060 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:112 Resp: 1889140

Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.0	73.6
63	33.1	24.6	37.0



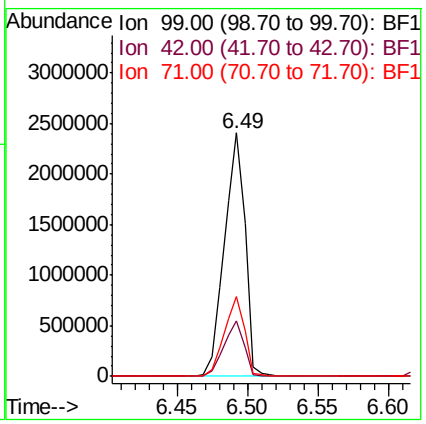


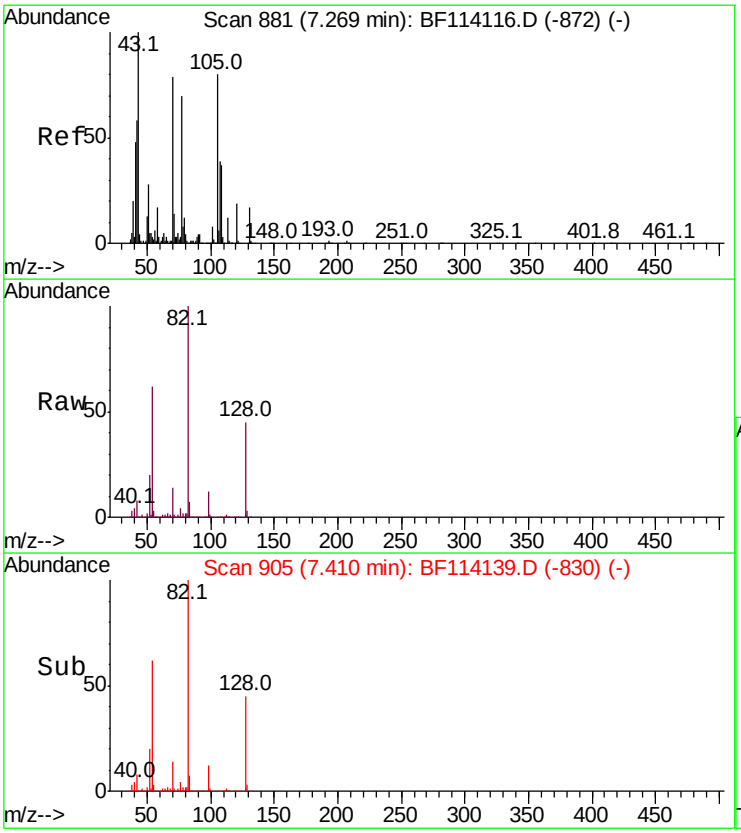
#7
Phenol-d6
Concen: 122.308 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion: 99 Resp: 2438684

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	33.0	26.2	39.2

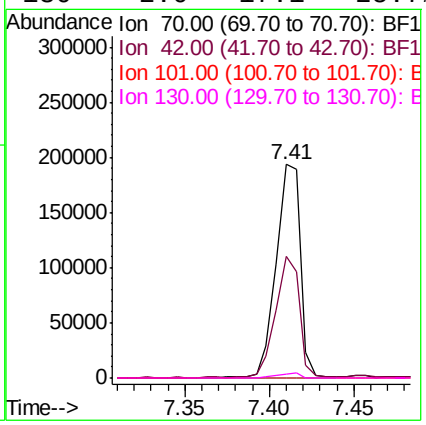


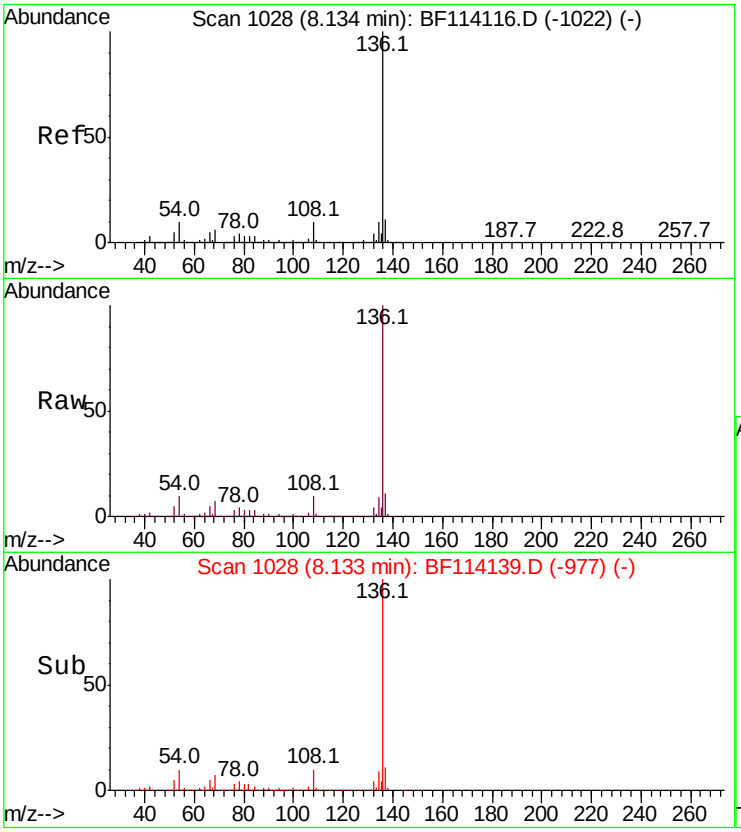


#19
n-Nitroso-di-n-propylamine
Concen: 15.387 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion: 70 Resp: 194465

Ion	Ratio	Lower	Upper
70	100		
42	56.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



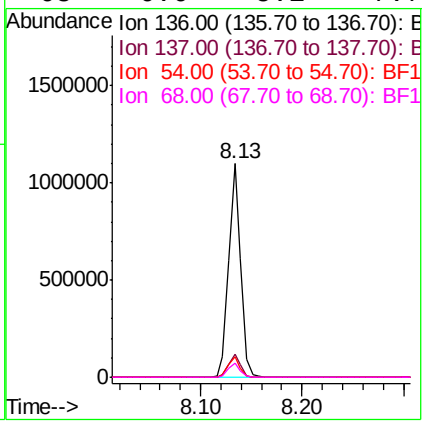


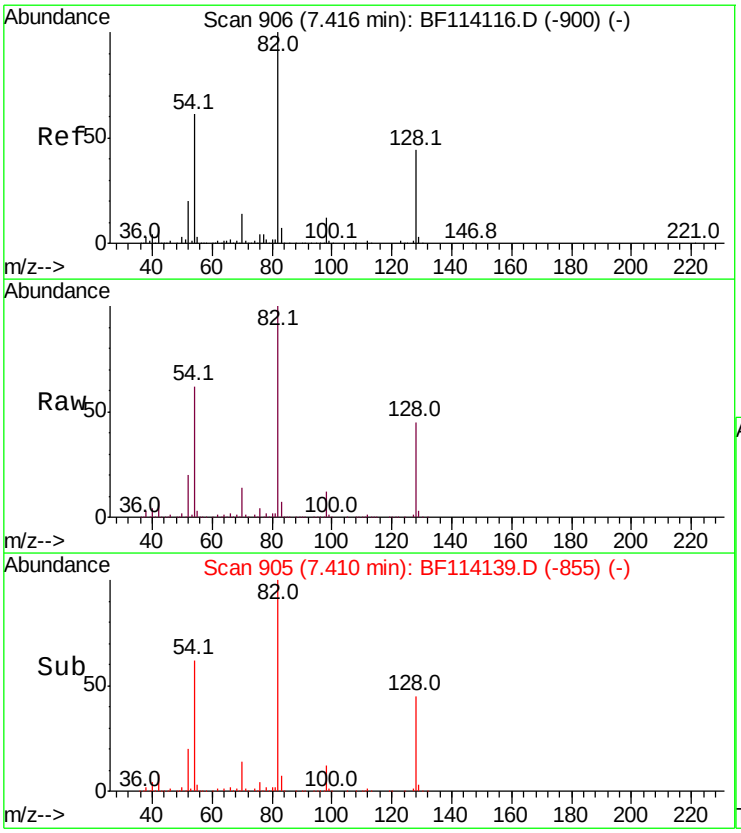
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:136 Resp: 898643

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.6	7.8	11.8
68	6.6	5.1	7.7

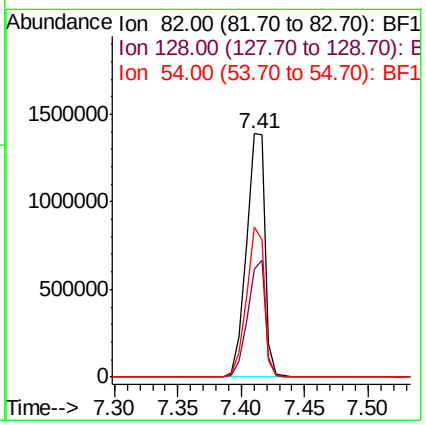


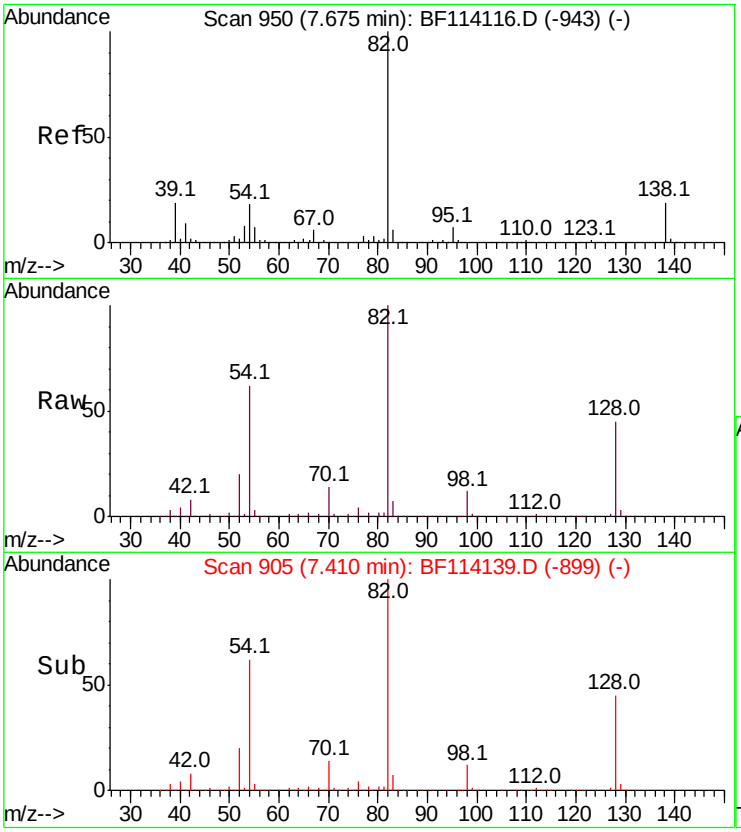


#23
Nitrobenzene-d5
Concen: 88.730 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion: 82 Resp: 1420823

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.5	53.3
54	61.8	48.5	72.7



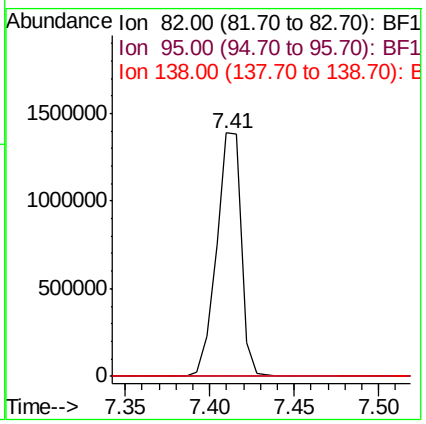


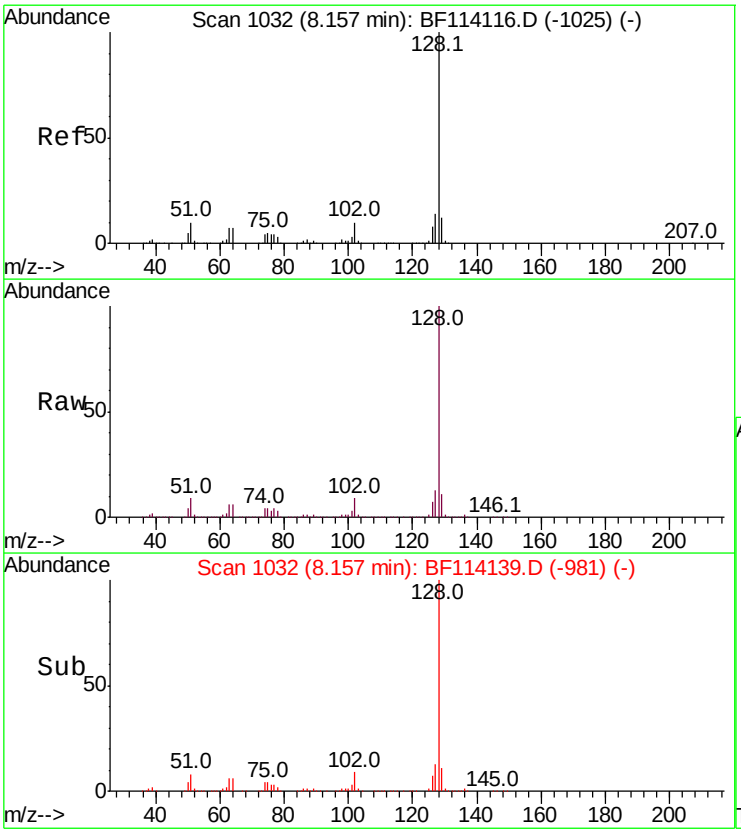
#25
Isophorone
Concen: 47.566 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion: 82 Resp: 1412598

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

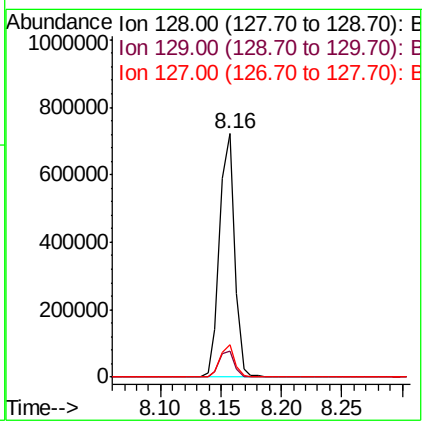


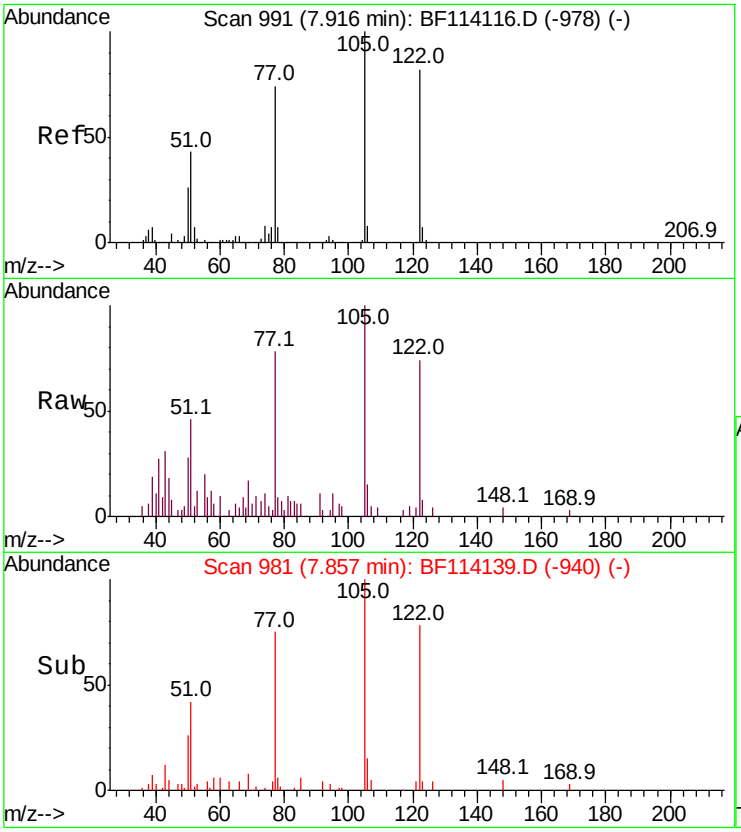


#31
Naphthalene
Concen: 14.831 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:128 Resp: 622555

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.6	14.4
127	13.1	11.3	16.9



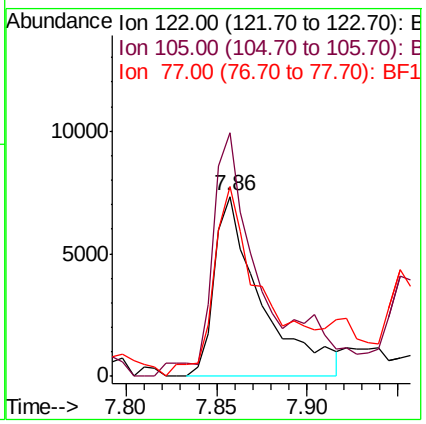


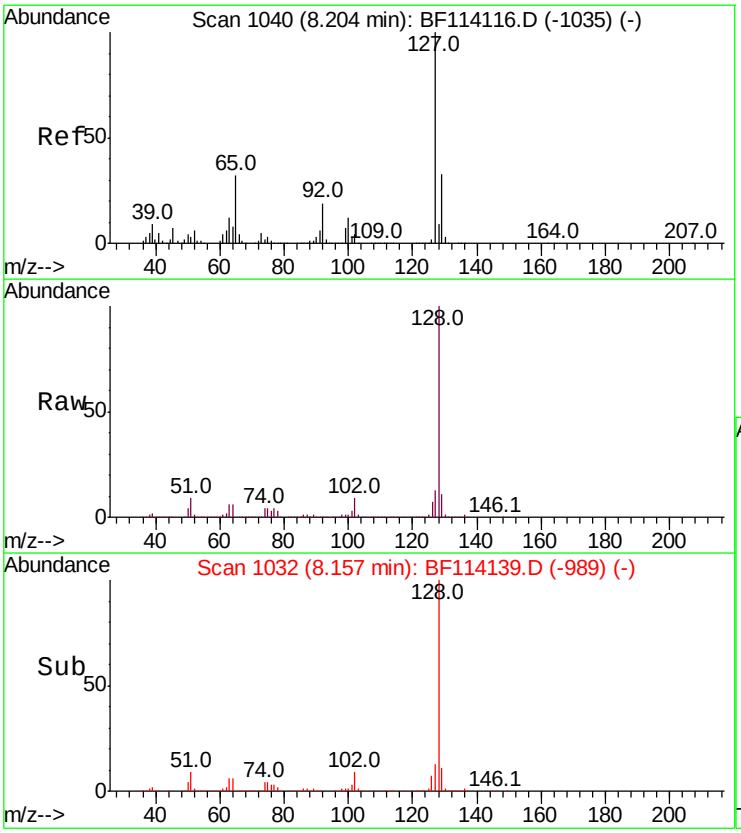
#32
Benzoic acid
Concen: 8.299 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:122 Resp: 13270

Ion	Ratio	Lower	Upper
122	100		
105	135.3	99.9	139.9
77	105.3	69.4	109.4

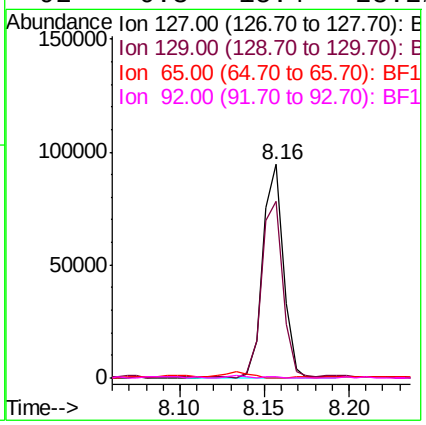


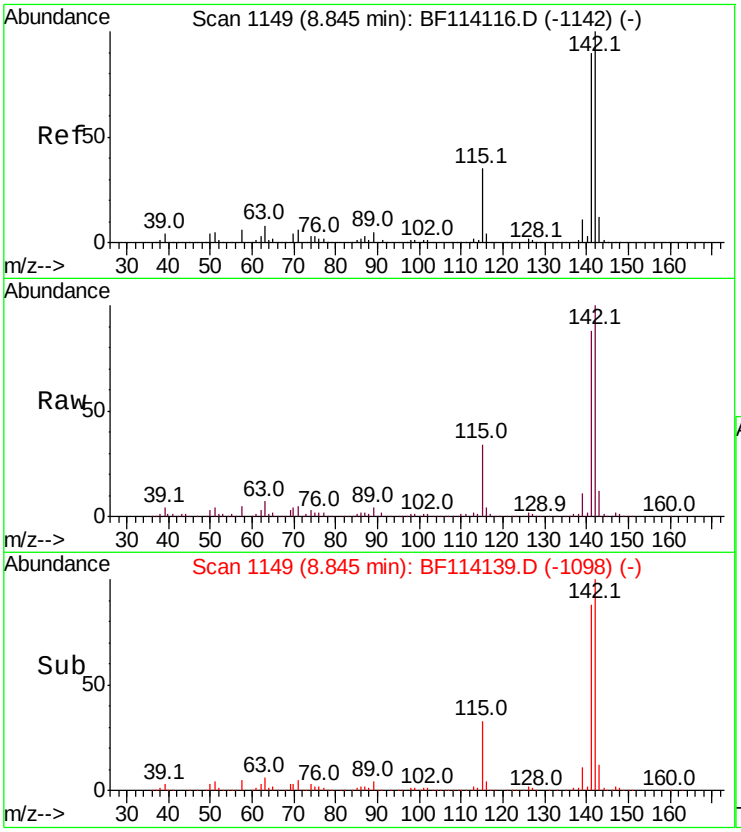


#33
4-Chloroaniline
Concen: 4.207 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:127 Resp: 80479

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.7	40.1#
65	0.0	25.4	38.0#
92	0.3	15.4	23.2#



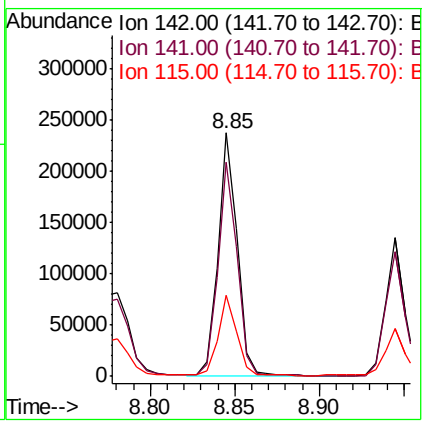


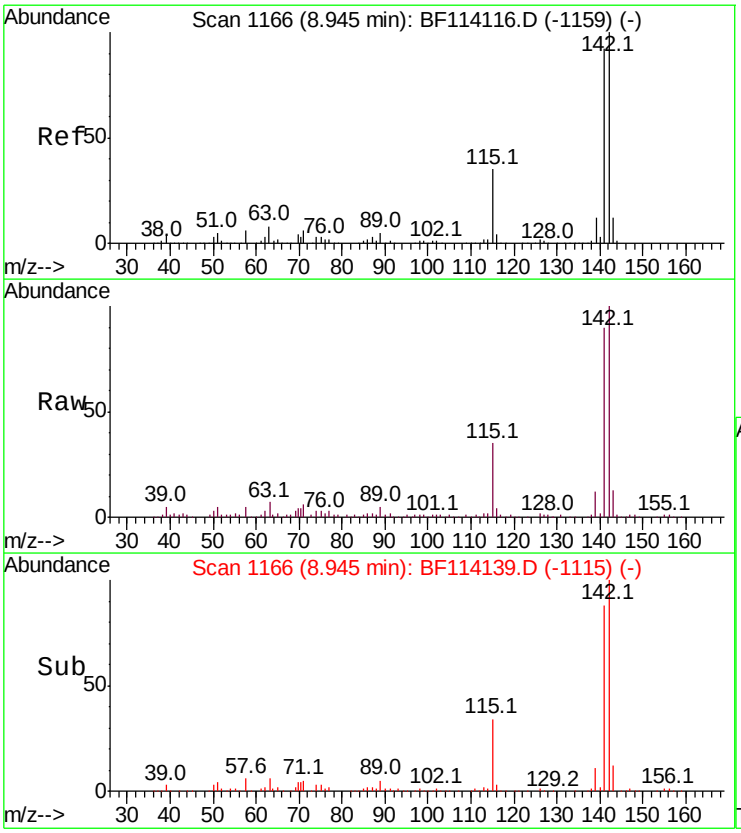
#37
2-Methylnaphthalene
Concen: 6.919 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:142 Resp: 187381

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1
115	33.6	28.0	42.0

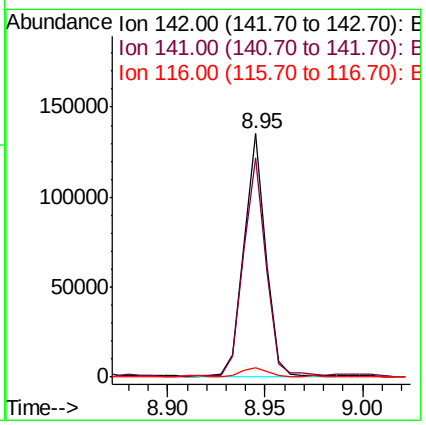


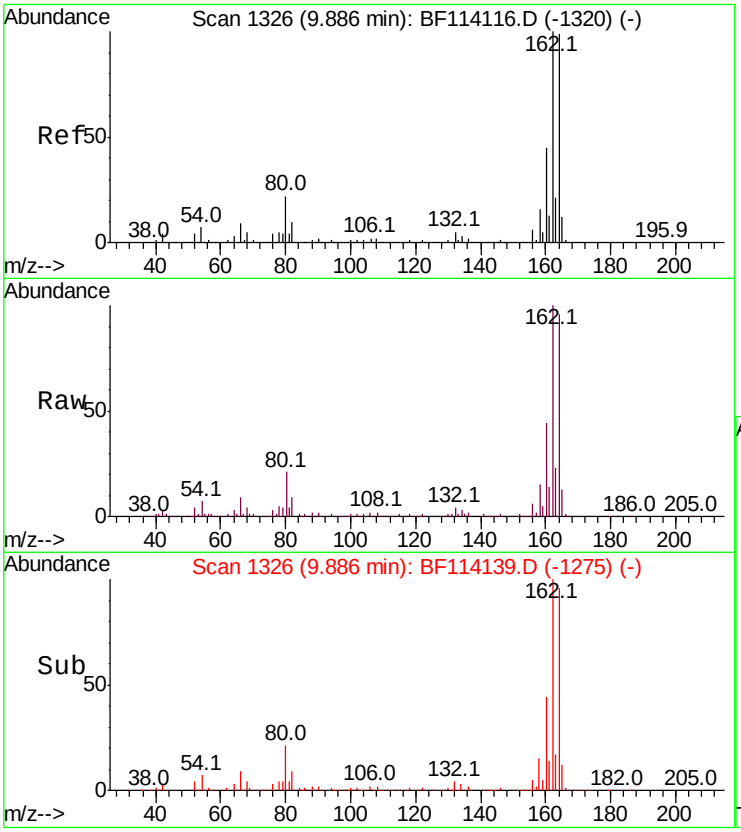


#38
1-Methylnaphthalene
Concen: 4.074 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:142 Resp: 103917

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.4	110.0
116	3.7	3.1	4.7



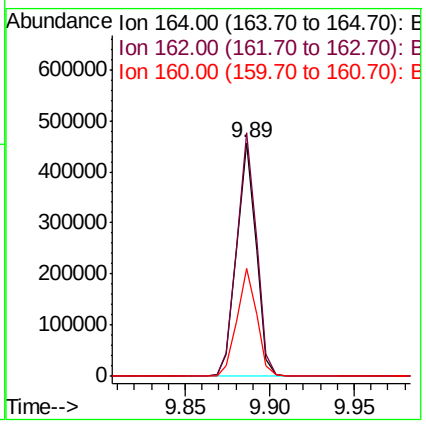


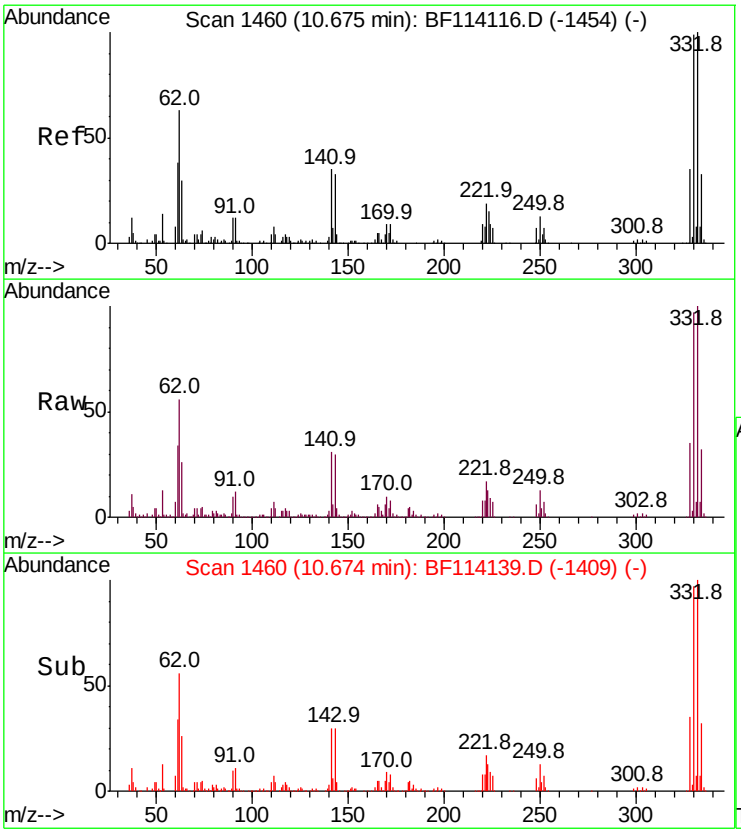
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:164 Resp: 366872

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.6	120.8
160	46.2	36.5	54.7

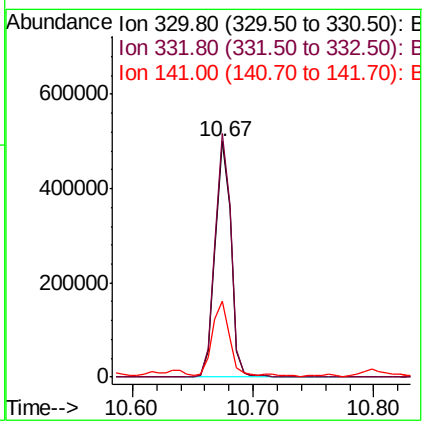


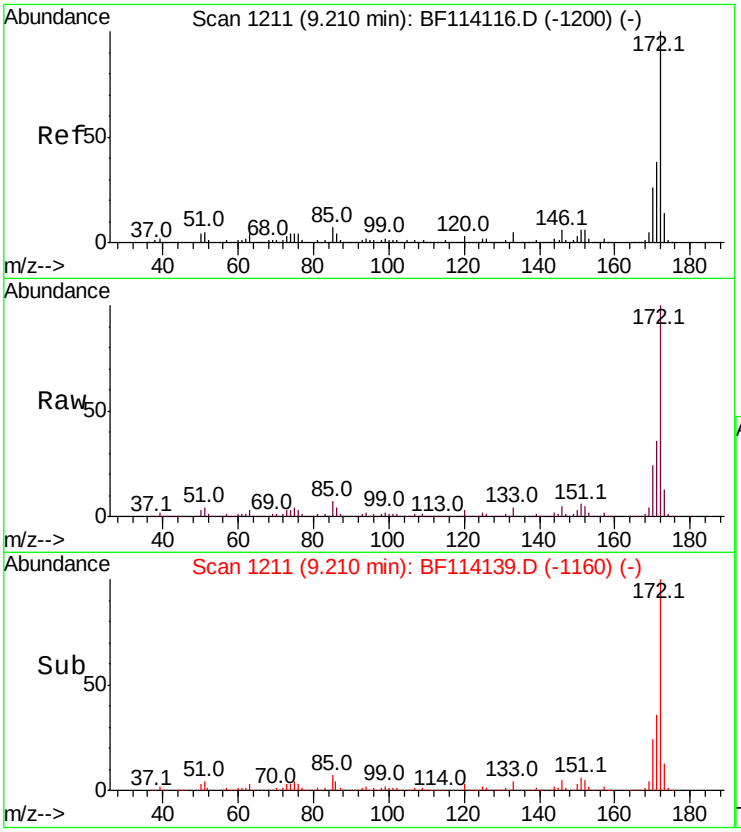


#42
2,4,6-Tribromophenol
Concen: 118.342 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:330 Resp: 448853

Ion	Ratio	Lower	Upper
330	100		
332	103.0	81.4	122.2
141	33.0	26.6	40.0



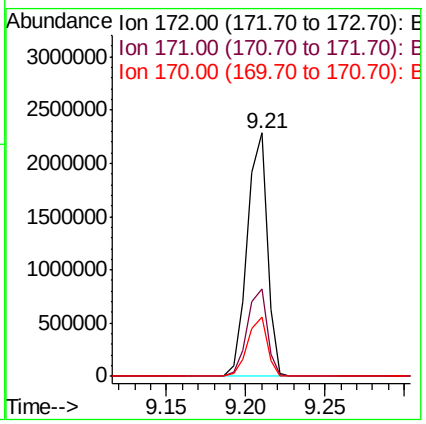


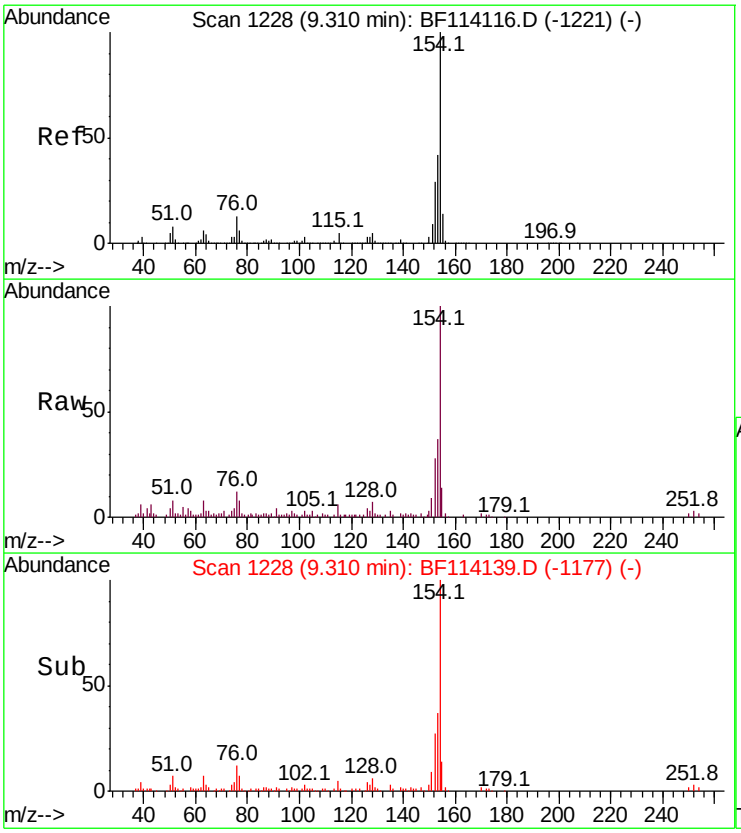
#45
2-Fluorobiphenyl
Concen: 82.674 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:172 Resp: 2005109

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.1	20.5	30.7

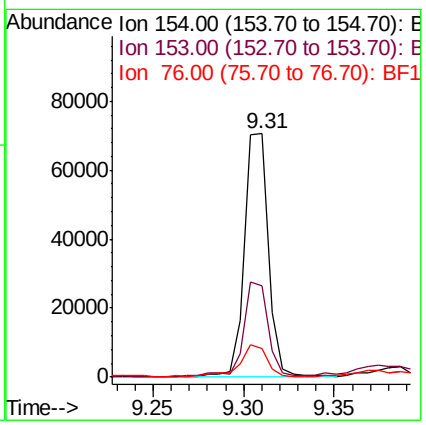


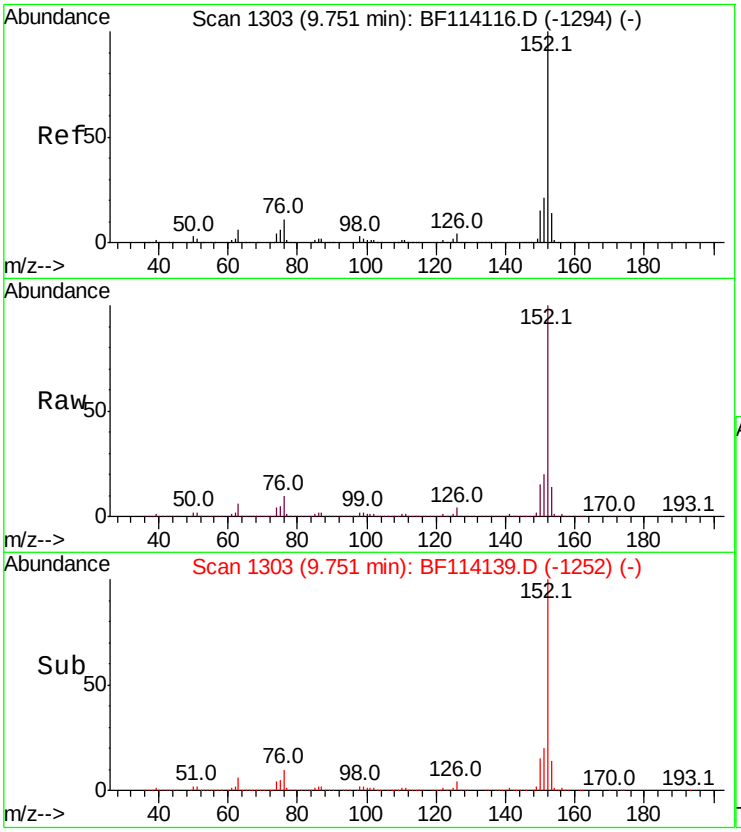


#46
1,1'-Biphenyl
Concen: 2.183 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:154 Resp: 64713

Ion	Ratio	Lower	Upper
154	100		
153	37.5	21.9	61.9
76	12.0	0.0	32.8



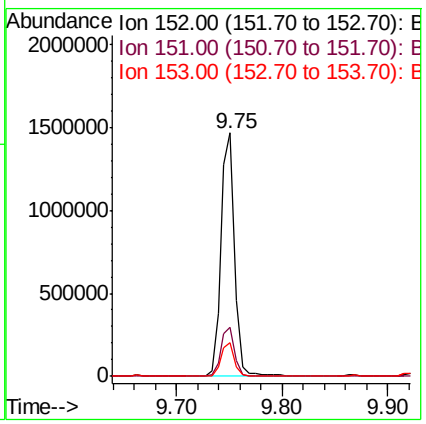


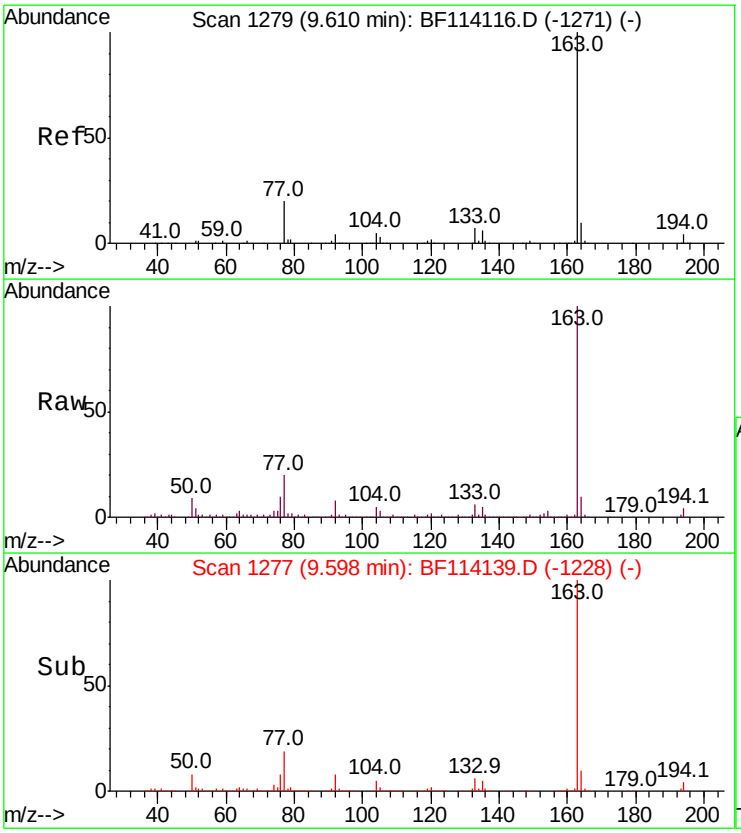
#49
Acenaphthylene
Concen: 36.808 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:152 Resp: 1335345

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.8	11.4	17.2

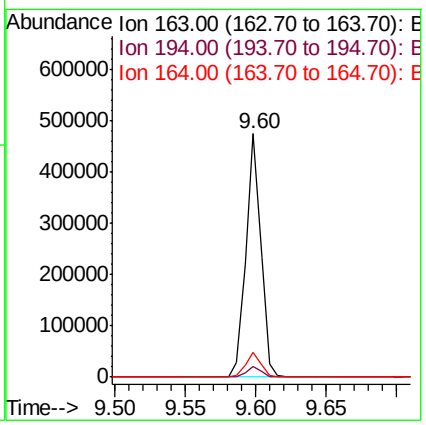


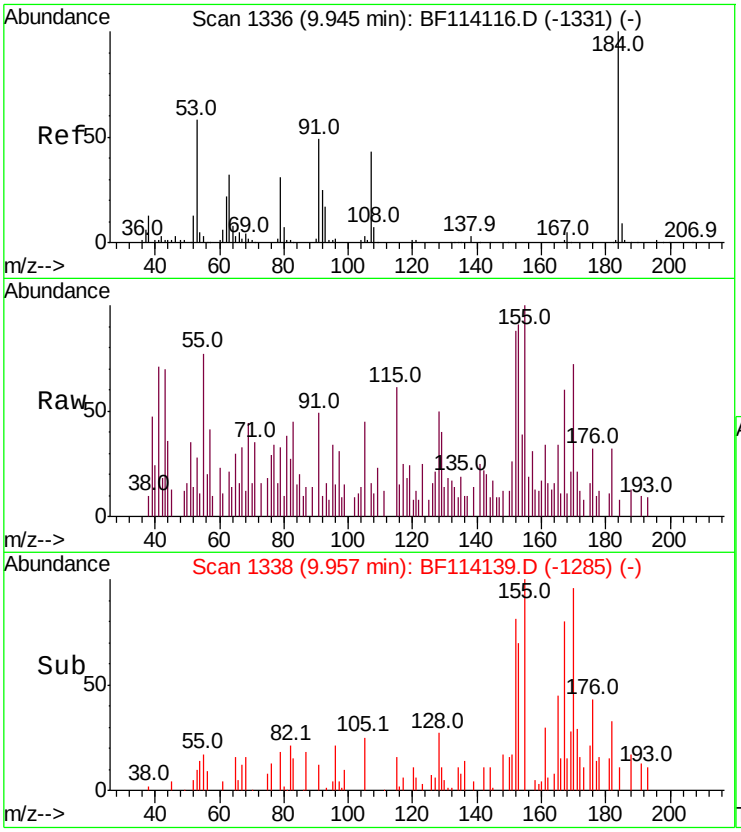


#50
Dimethylphthalate
Concen: 12.993 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:163 Resp: 349925

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.2	12.2



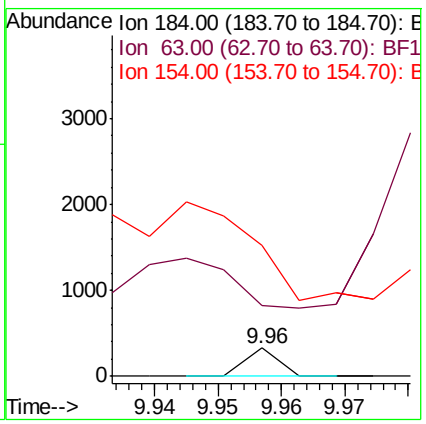


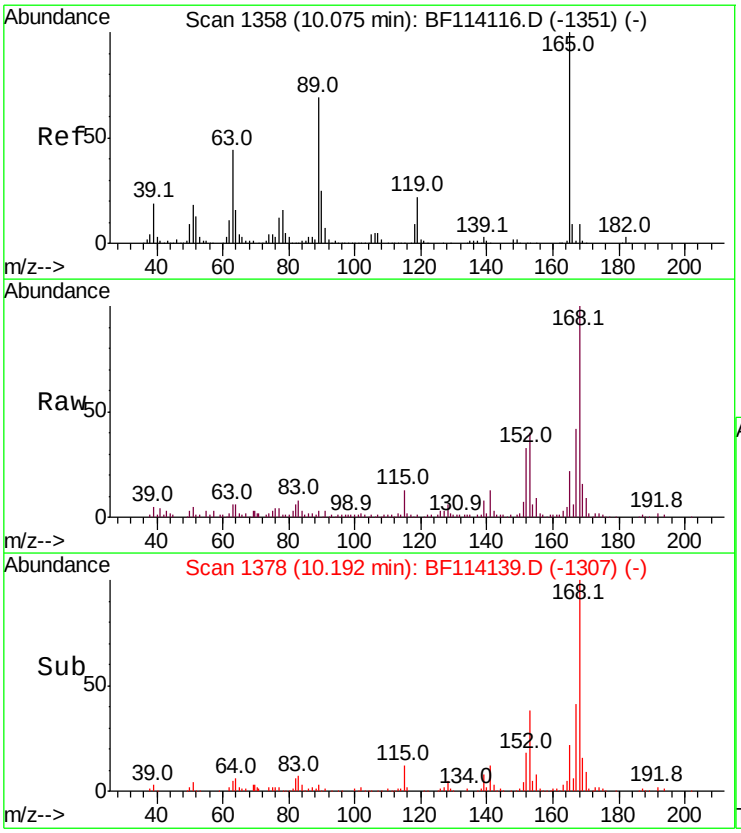
#54
2,4-Dinitrophenol
Concen: 6.780 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:184 Resp: 115

Ion	Ratio	Lower	Upper
184	100		
63	251.8	55.6	83.4#
154	468.4	46.0	69.0#

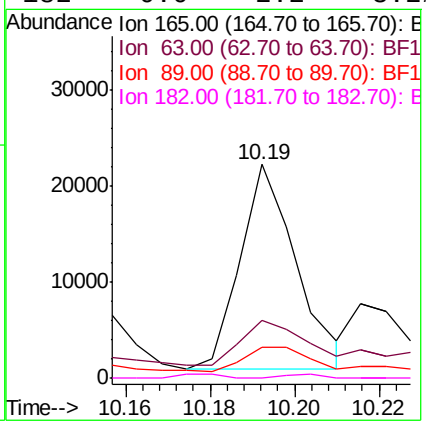


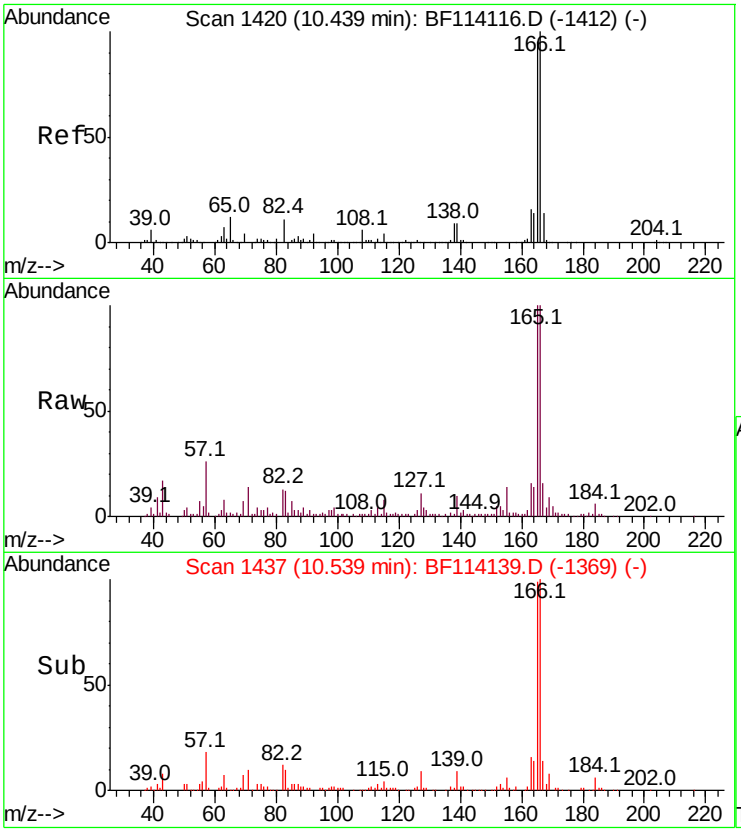


#57
2,4-Dinitrotoluene
Concen: 2.438 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.12 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:165 Resp: 19763

Ion	Ratio	Lower	Upper
165	100		
63	26.8	35.5	53.3#
89	14.7	55.2	82.8#
182	0.0	2.2	3.2#



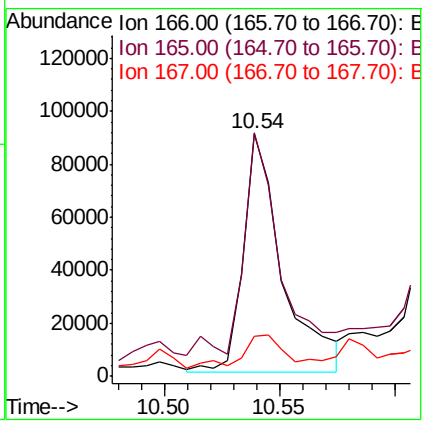


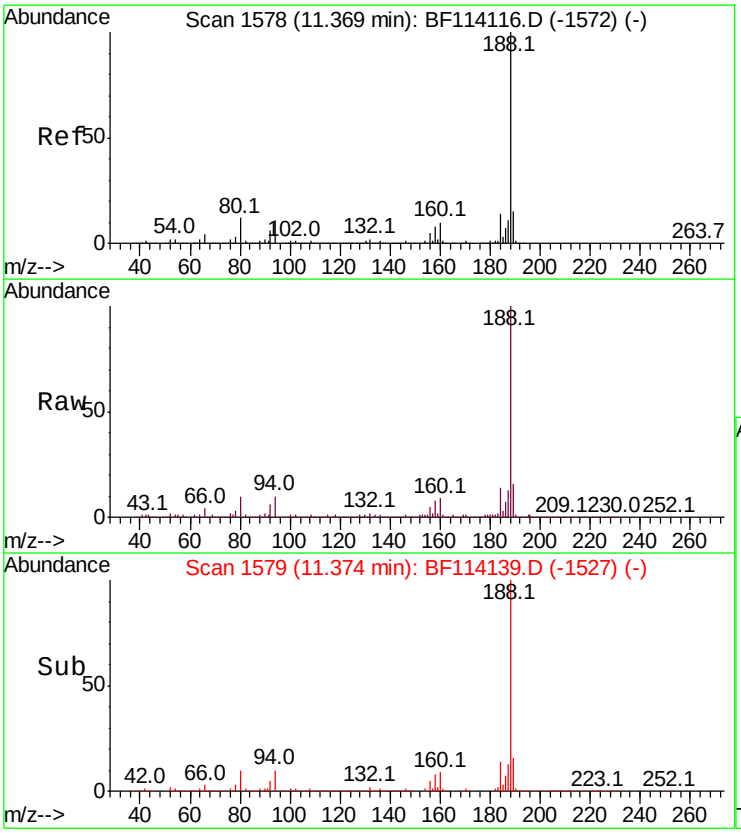
#58
Fluorene
Concen: 4.236 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.10 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:166 Resp: 106799

Ion	Ratio	Lower	Upper
166	100		
165	100.2	76.1	114.1
167	16.4	11.1	16.7

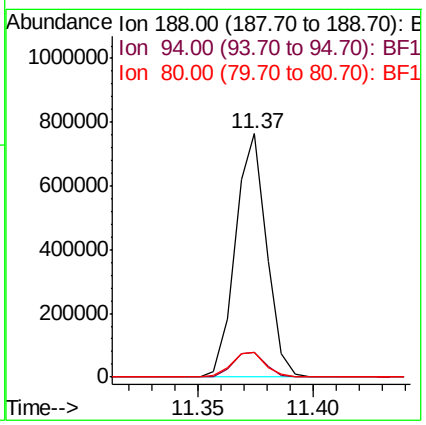


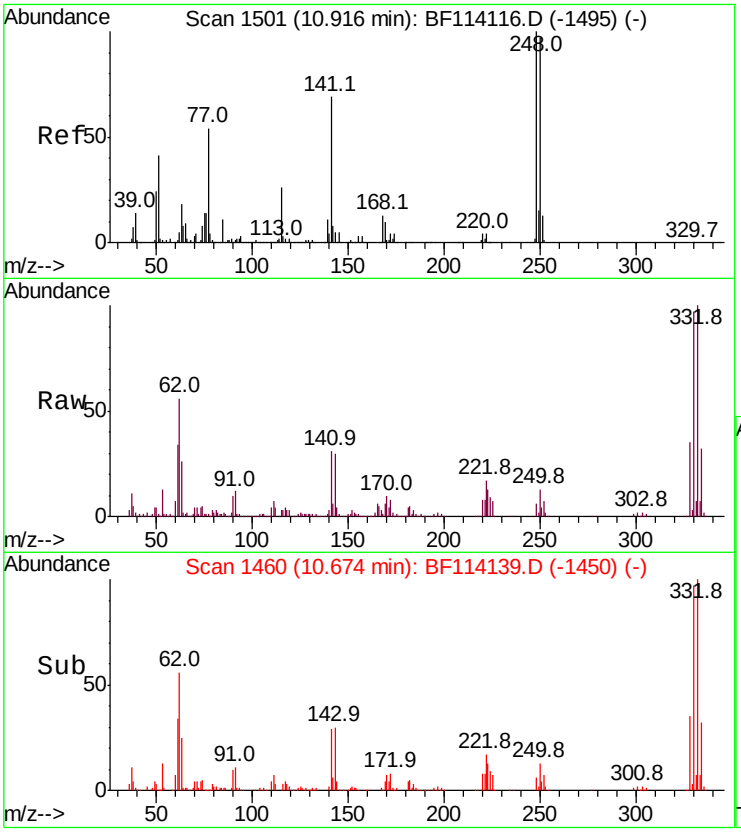


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:188 Resp: 716194

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.3	9.2	13.8



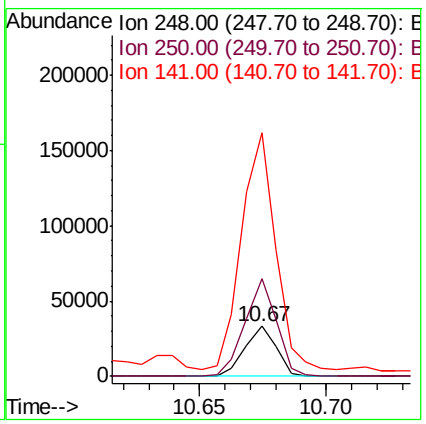


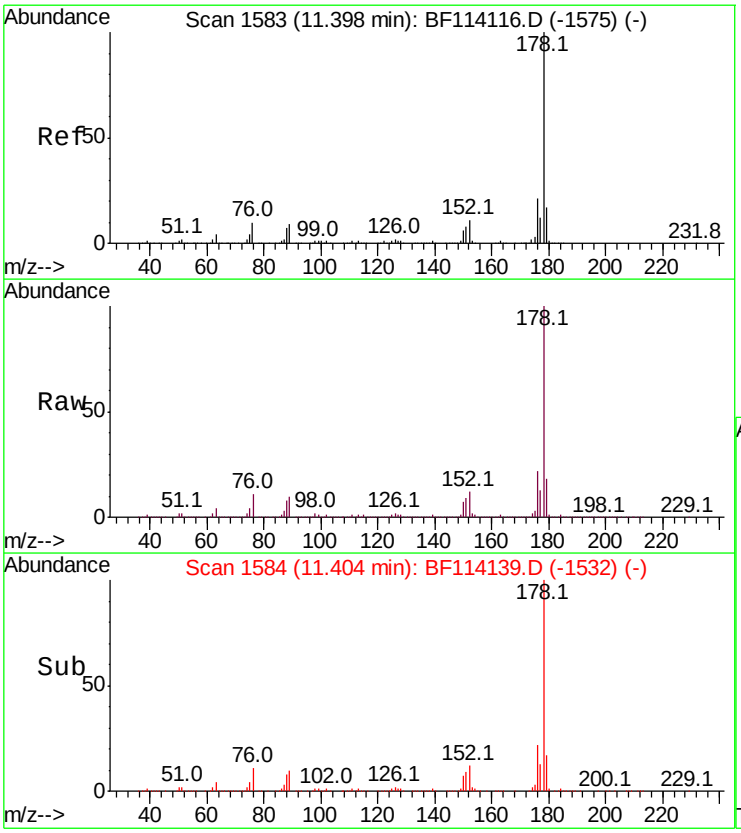
#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:248 Resp: 28989

Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.4	116.2#
141	484.3	55.6	83.4#

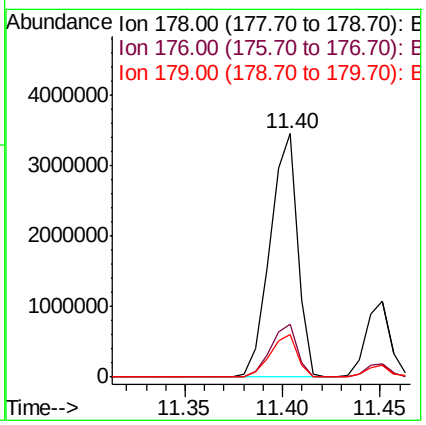


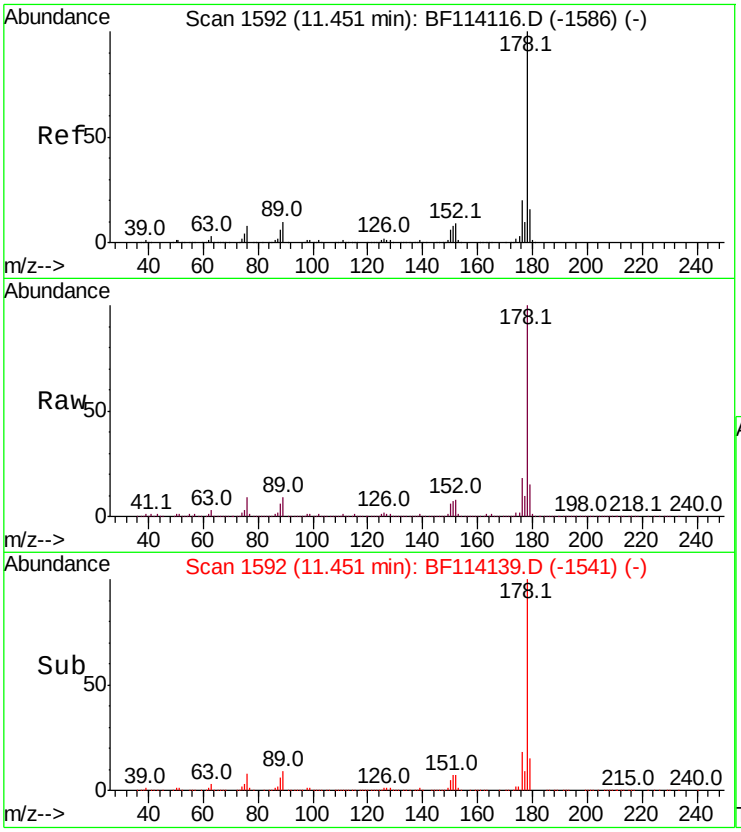


#71
Phenanthrene
Concen: 96.737 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:178 Resp: 3370673

Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.4	24.6
179	17.6	13.2	19.8



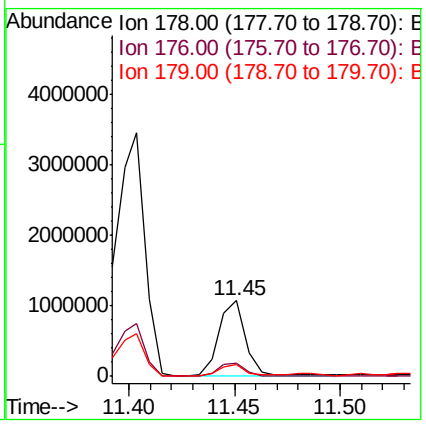


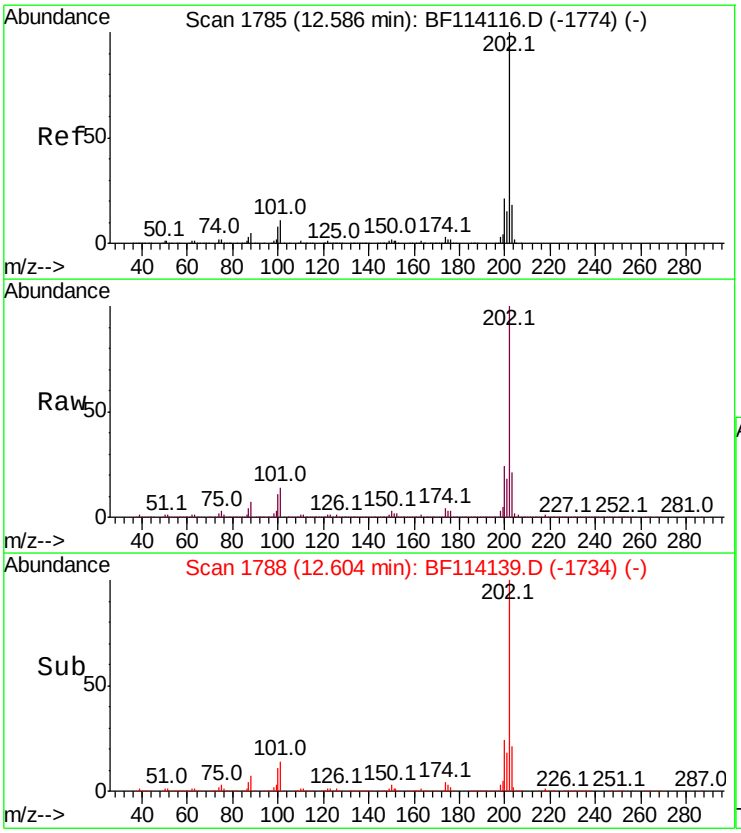
#72
Anthracene
Concen: 26.712 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:178 Resp: 934857

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	13.0	19.4

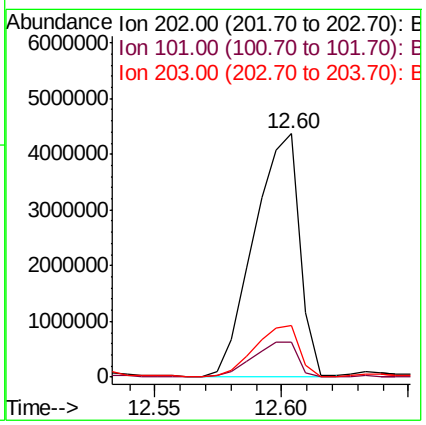


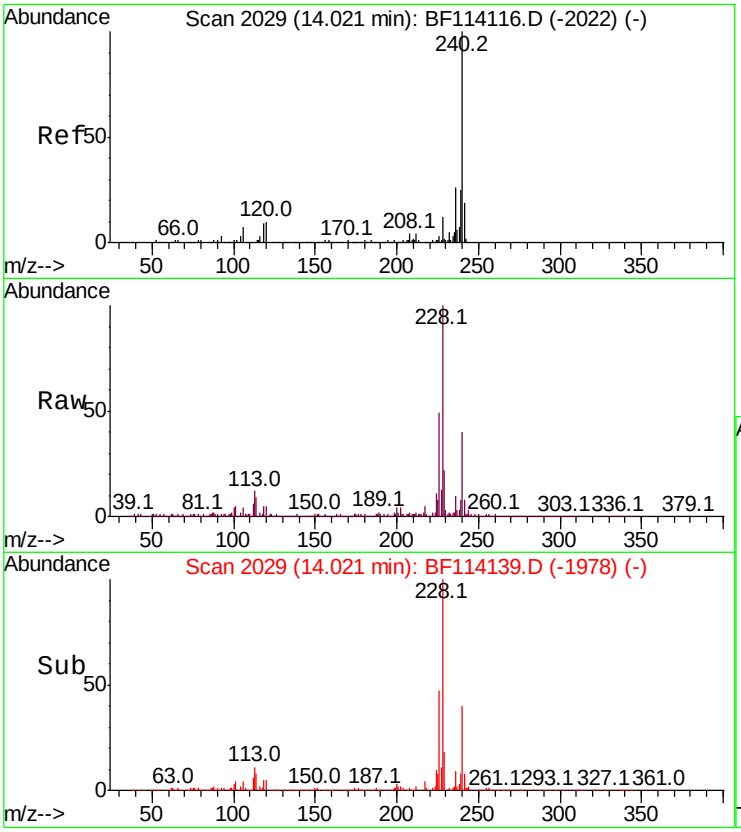


#75
Fluoranthene
Concen: 145.485 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.02 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:202 Resp: 5458930

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	31.0
203	21.3	0.0	38.4



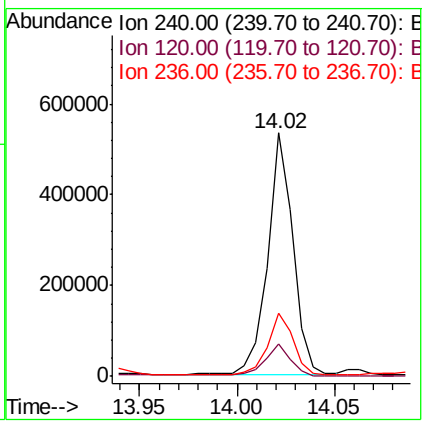


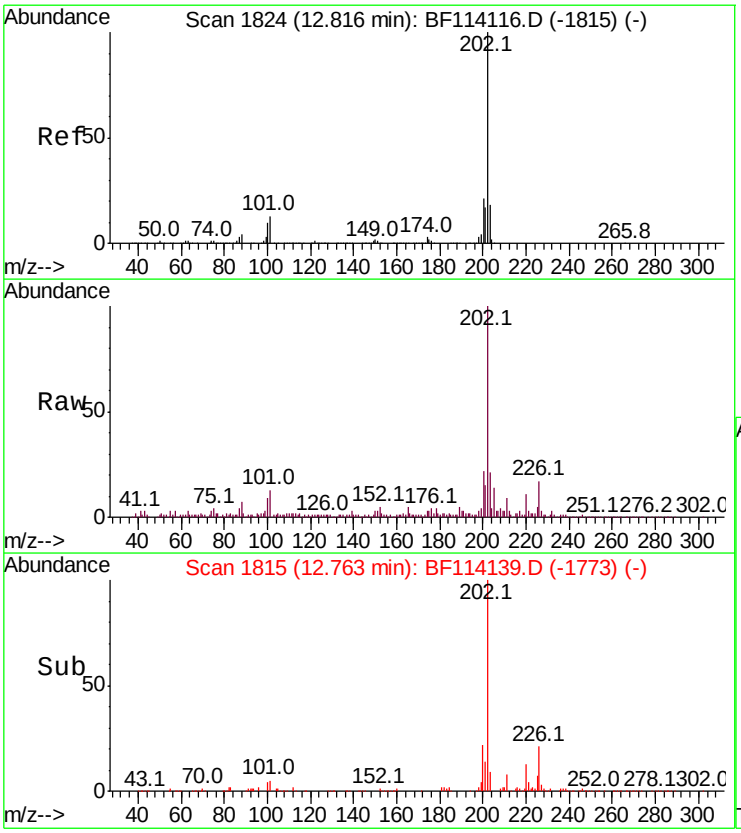
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:240 Resp: 478389

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	25.8	20.8	31.2

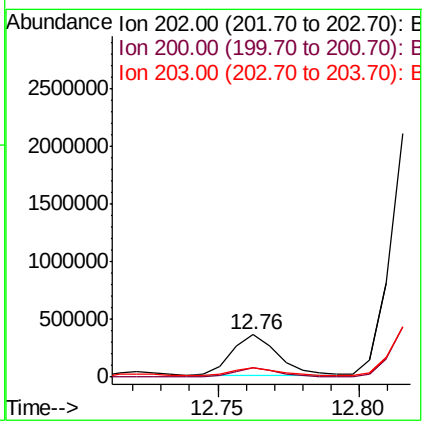


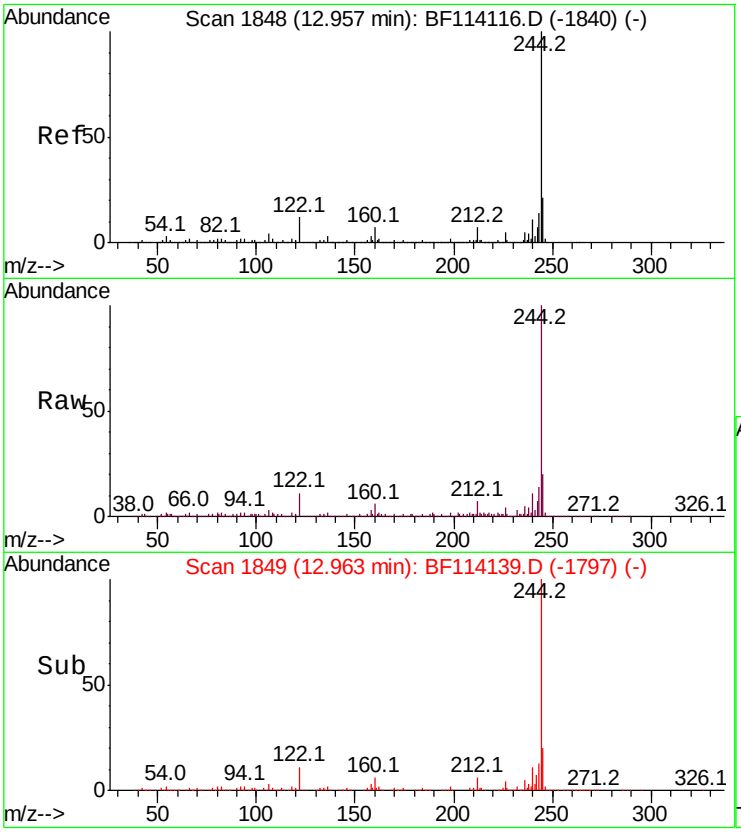


#78
Pyrene
Concen: 10.347 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.05 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:202 Resp: 398190

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	20.8	14.5	21.7



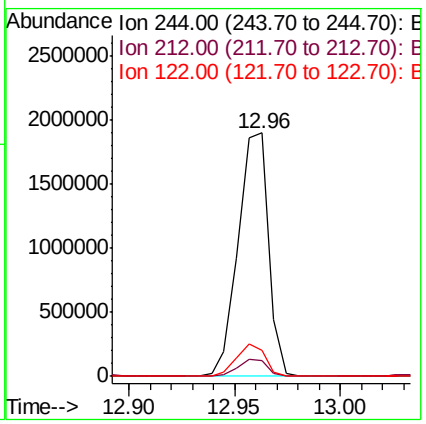


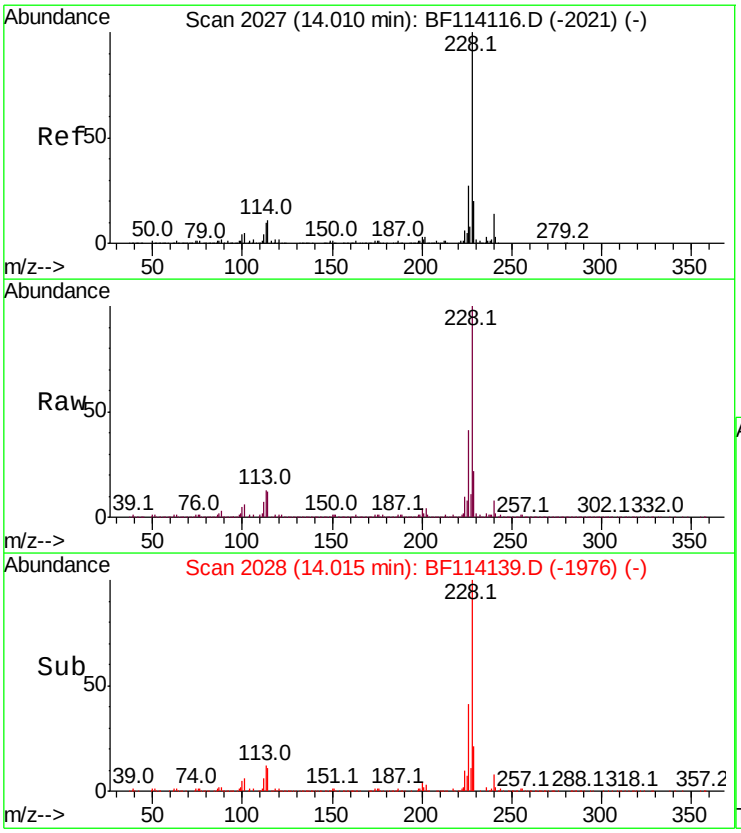
#79
Terphenyl-d14
Concen: 81.519 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:244 Resp: 1891770

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.8	9.4	14.2

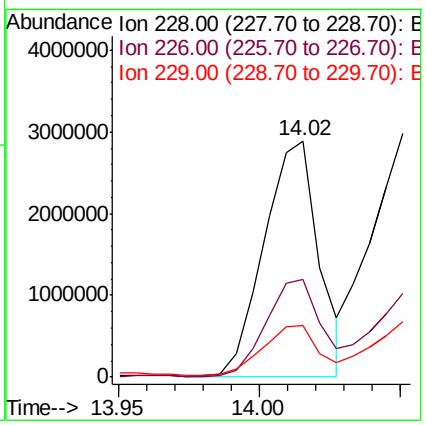


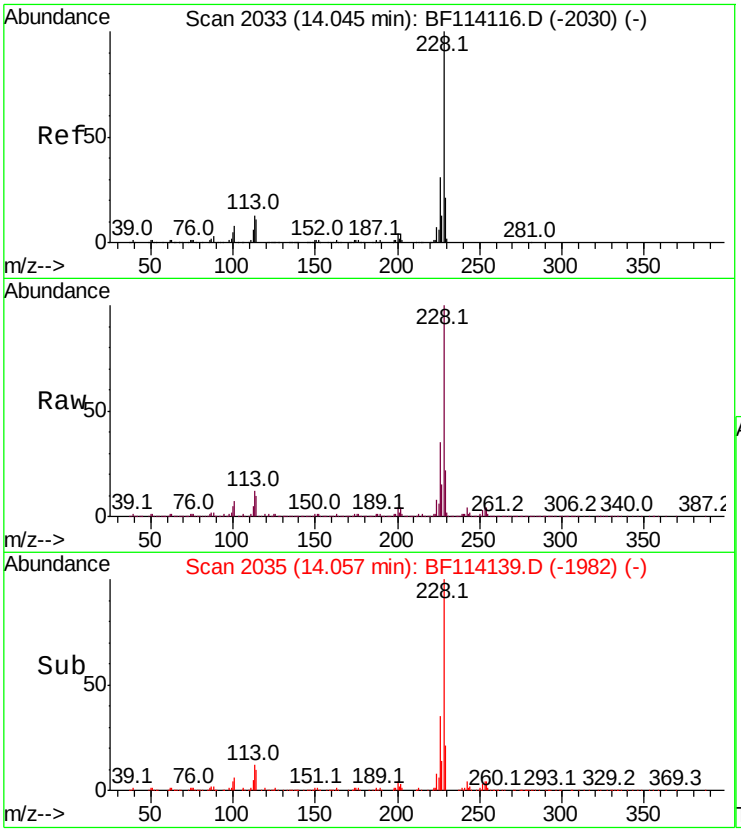


#81
Benzo(a)anthracene
Concen: 124.827 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:228 Resp: 3862377

Ion	Ratio	Lower	Upper
228	100		
226	41.4	22.2	33.2#
229	21.9	16.4	24.6



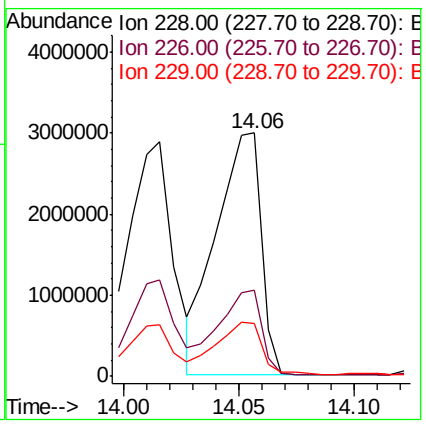


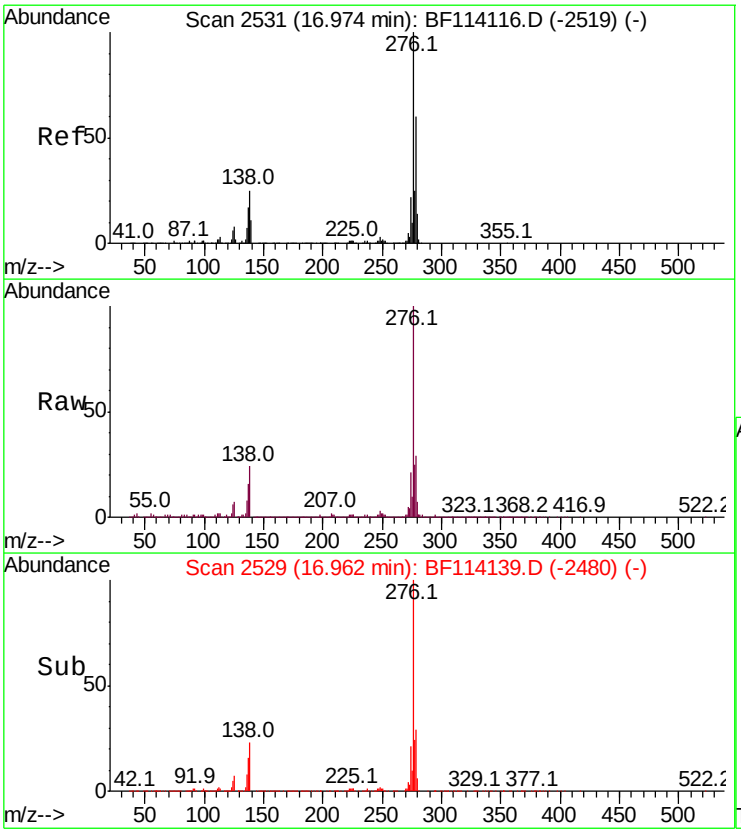
#83
Chrysene
Concen: 135.068 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:228 Resp: 4096862

Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.0	37.6
229	21.6	17.0	25.6

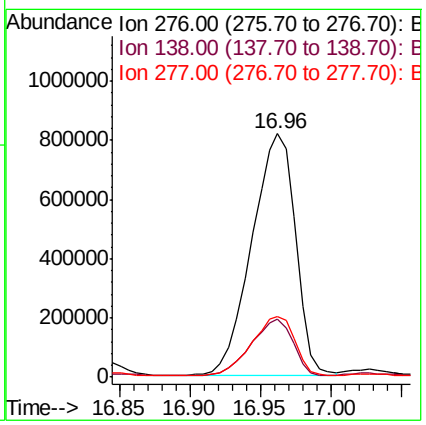


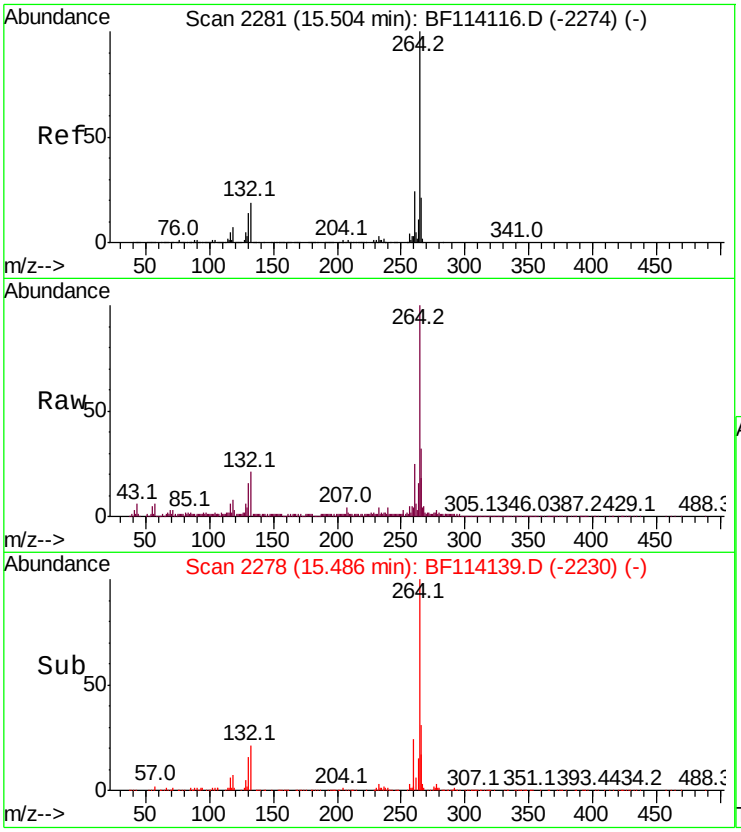


#86
Indeno(1,2,3-cd)pyrene
Concen: 65.722 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:276 Resp: 1761796

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.2
277	24.6	20.0	30.0



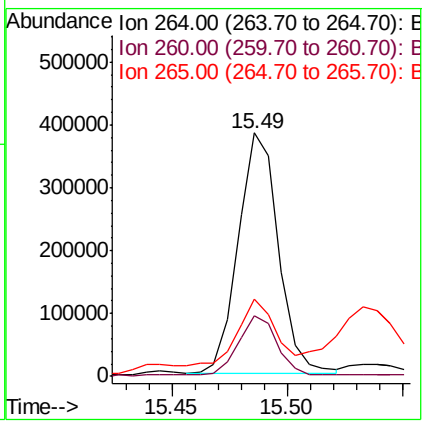


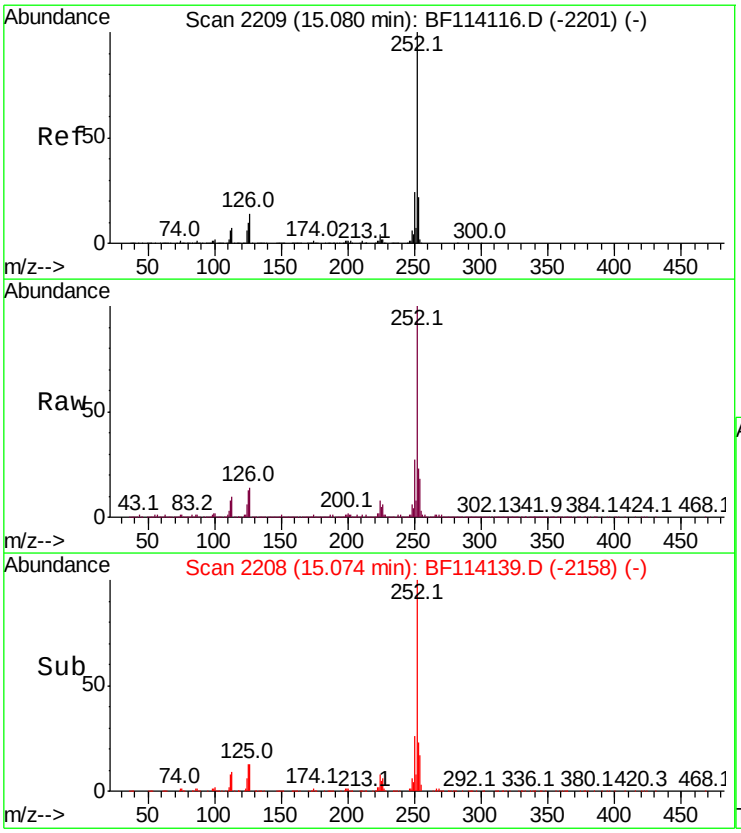
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:264 Resp: 461030

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	31.9	16.9	25.3#

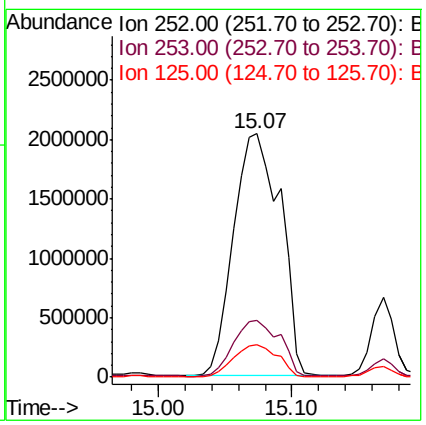


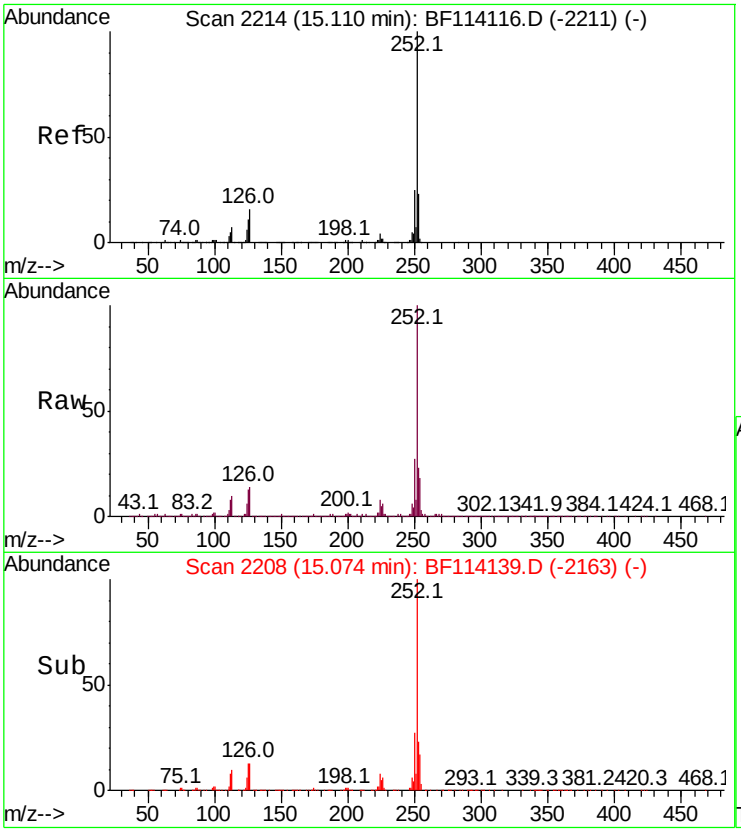


#88
Benzo(b)fluoranthene
Concen: 168.888 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:252 Resp: 4988308

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	13.1	8.3	12.5#



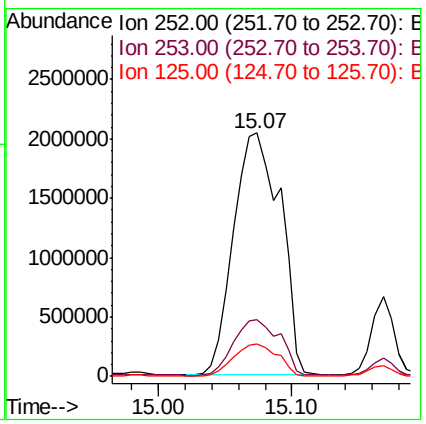


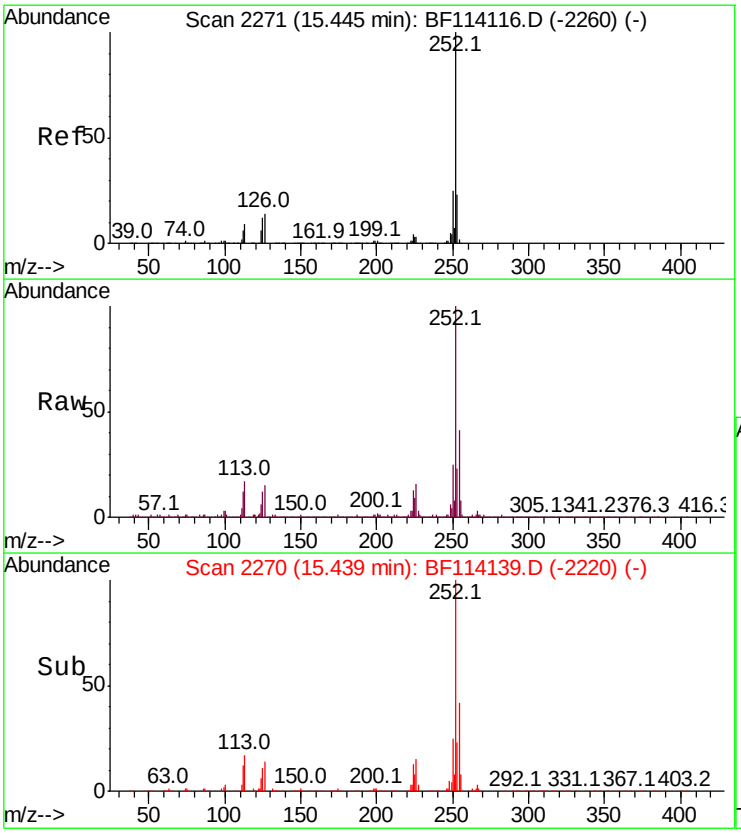
#89
Benzo(k)fluoranthene
Concen: 183.853 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:252 Resp: 4988308

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	13.1	8.6	13.0#

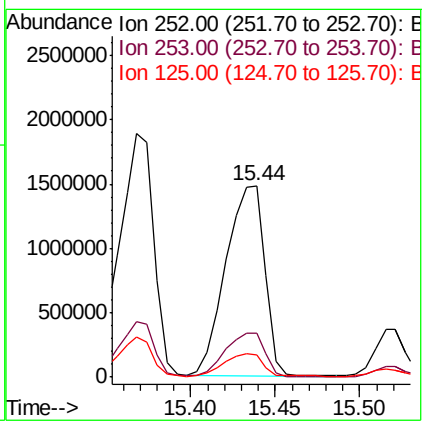


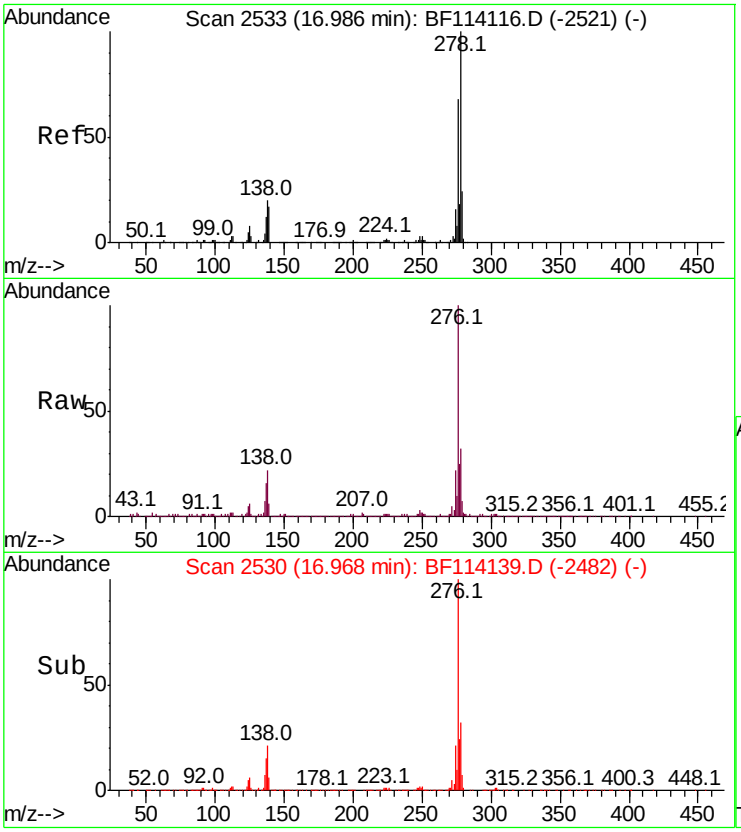


#90
Benzo(a)pyrene
Concen: 91.749 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:252 Resp: 2384937

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.8	9.5	14.3



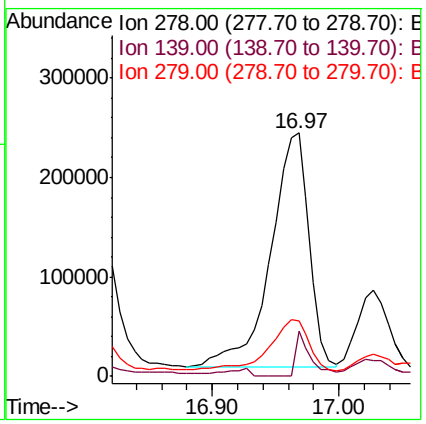


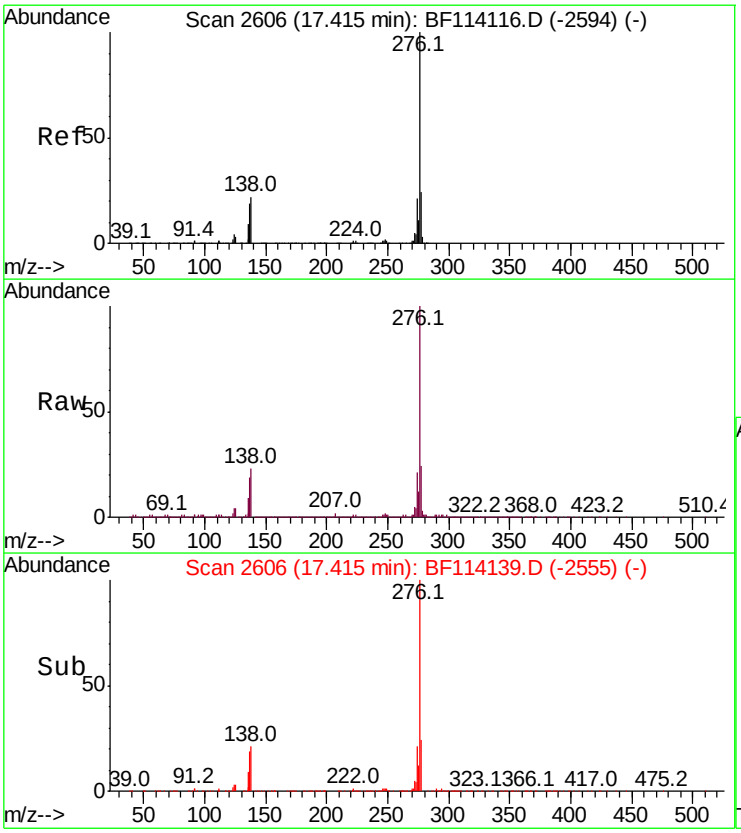
#91
Dibenzo(a,h)anthracene
Concen: 22.903 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
P026-SS001-0002-01

Tgt Ion:278 Resp: 494711

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.5	20.3
279	22.7	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 94.594 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF114139.D
Acq: 10 May 2019 23:40

Tgt Ion:276 Resp: 2047635

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.0	17.8	26.6