Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114232.D
Acq On : 13 May 2019 16:42
Operator : JU/SJ
Sample : K2765-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS006-0002-01

Quant Time: May 14 04:46:50 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	258464	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	969441	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	457288	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	837488	20.00	ng		0.01
76) Chrysene-d12	14.04	240	427238	20.00	ng		0.02
87) Perylene-d12	15.54	264	580830	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1640022	102.11	ng		0.01
7) Phenol-d6	6.51	99	2196515	115.63	ng		0.02
23) Nitrobenzene-d5	7.42	82	1444957	83.65	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	434499	91.91	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1821365	60.25	ng		0.00
79) Terphenyl-d14	12.96	244	1413312	68.19	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	193162	16.043	ng	#	77
25) Isophorone	7.42	82	1440093	44.951	ng	#	64
31) Naphthalene	8.16	128	674262	14.890	ng		98
32) Benzoic acid	7.93	122	2546	7.248	ng	#	56
33) 4-Chloroaniline	8.16	127	88169	4.273	ng	#	34
37) 2-Methylnaphthalene	8.85	142	273409	9.358	ng		93
38) 1-Methylnaphthalene	8.95	142	171820	6.245	ng		99
46) 1,1'-Biphenyl	9.31	154	111729	3.024	ng		97
49) Acenaphthylene	9.75	152	1273213	28.156	ng		99
50) Dimethylphthalate	9.60	163	455946	13.582	ng		99
54) 2,4-Dinitrophenol	9.96	184	127	6.776	ng	#	1
57) 2,4-Dinitrotoluene	10.20	165	20436	2.022	ng	#	55
58) Fluorene	10.44	166	159950	5.089	ng	#	54
67) 4-Bromophenyl-phenylether	10.68	248	28671	3.109	ng	#	1
71) Phenanthrene	11.41	178	3265607	80.148	ng		98
72) Anthracene	11.46	178	766772	18.736	ng		98
75) Fluoranthene	12.61	202	4591800	104.652	ng		95
78) Pyrene	12.85	202	7155445	208.193	ng		93
81) Benzo(a)anthracene	14.03	228	3366550	121.828	ng	#	82
83) Chrysene	14.07	228	3309165	122.161	ng		97
86) Indeno(1,2,3-cd)pyrene	17.03	276	1769480	73.912	ng		96
88) Benzo(b)fluoranthene	15.12	252	5195417	139.619	ng	#	97
89) Benzo(k)fluoranthene	15.12	252	5195417	151.991	ng		98
90) Benzo(a)pyrene	15.48	252	2998494	91.560	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	498924	18.334	ng		97
92) Benzo(g,h,i)perylene	17.49	276	1931466	70.824	ng		99

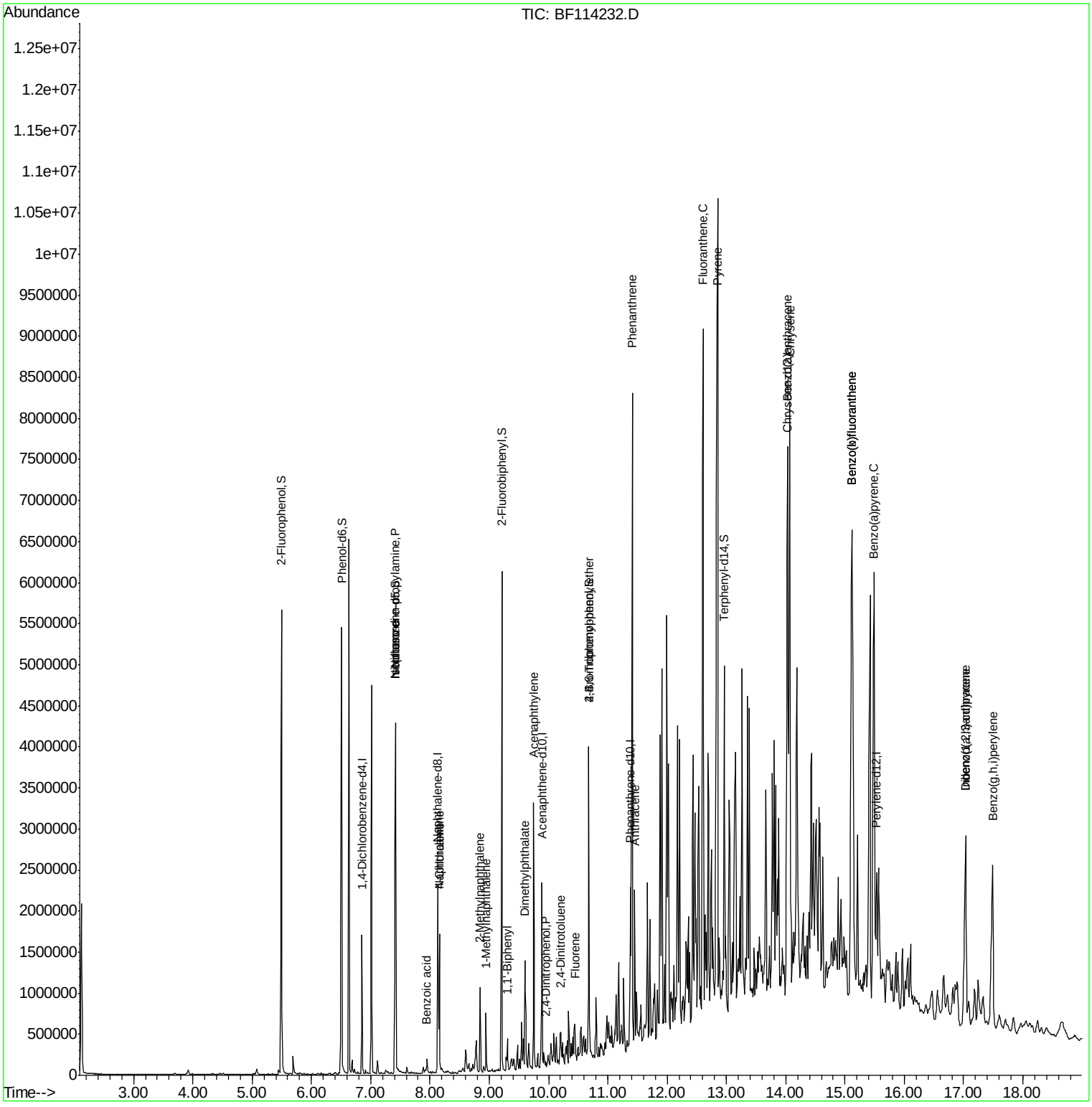
(#) = qualifier out of range (m) = manual integration (+) = signals summed

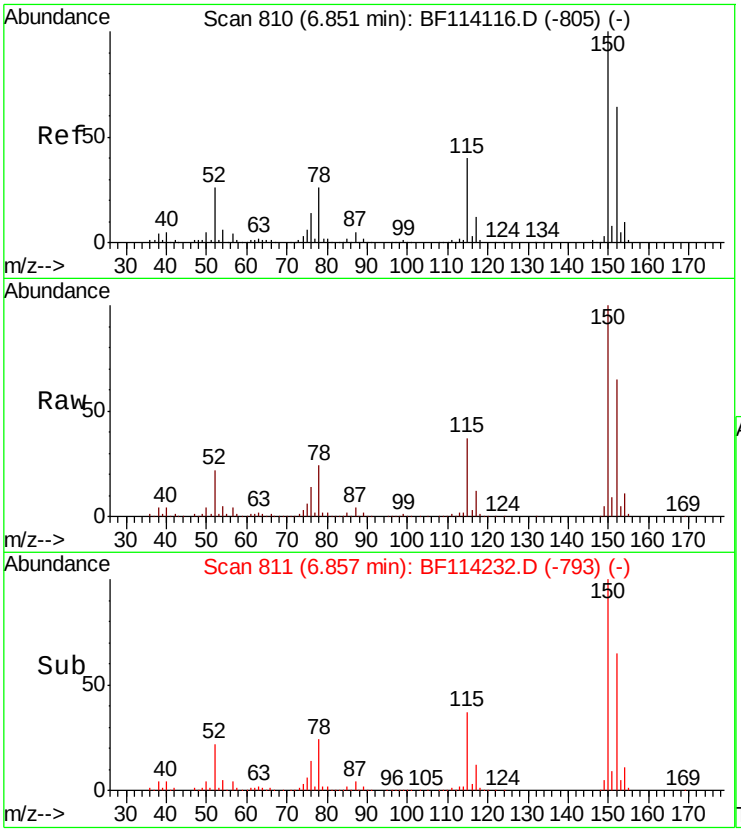
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114232.D
Acq On : 13 May 2019 16:42
Operator : JU/SJ
Sample : K2765-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Quant Time: May 14 04:46:50 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



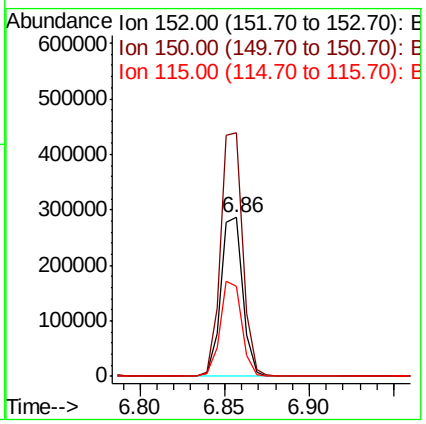


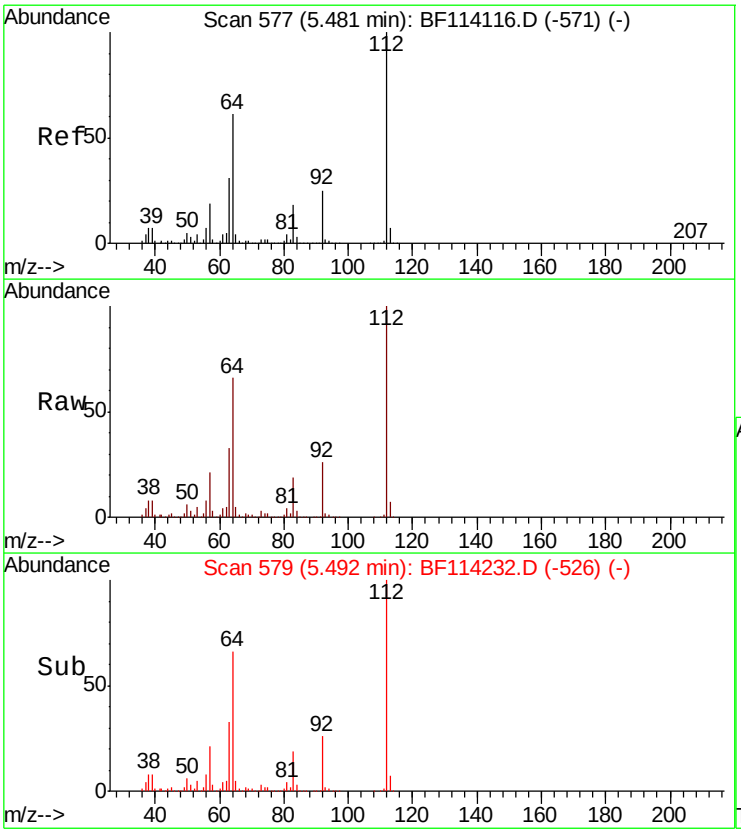
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:152 Resp: 258464

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.3	186.5
115	56.4	49.1	73.7

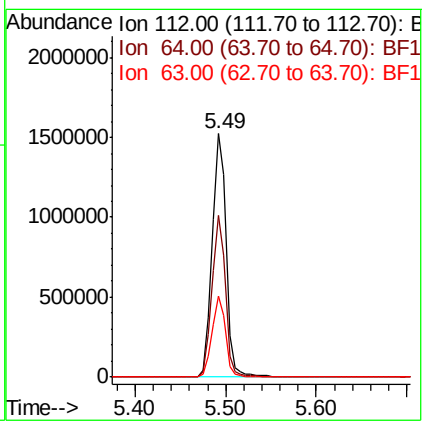


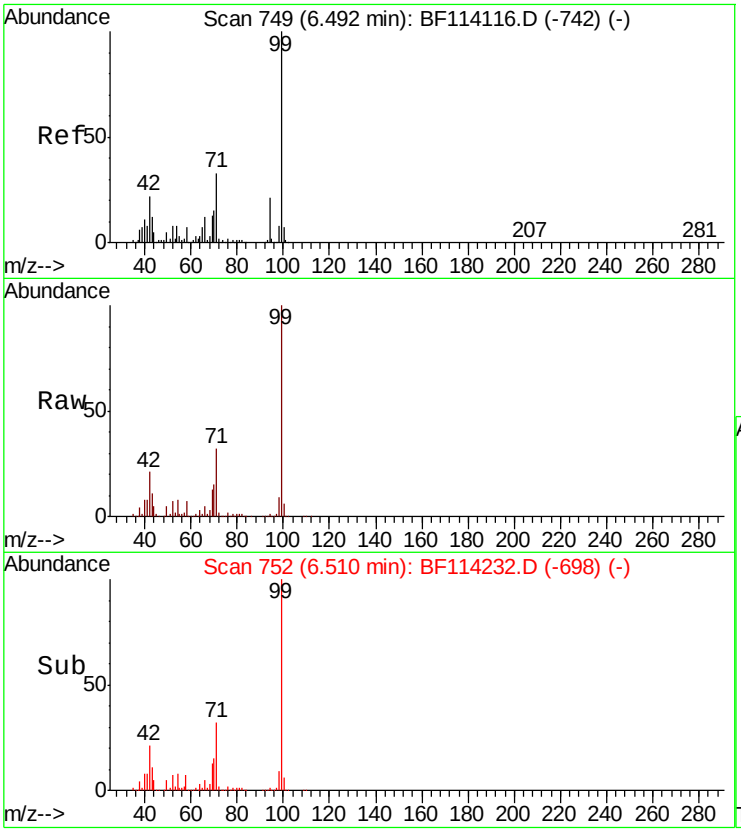


#5
2-Fluorophenol
Concen: 102.112 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:112 Resp: 1640022

Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	33.5	24.6	37.0



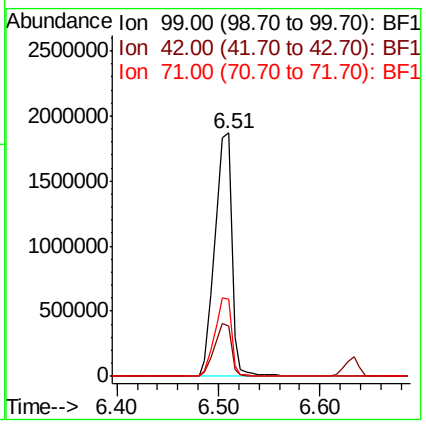


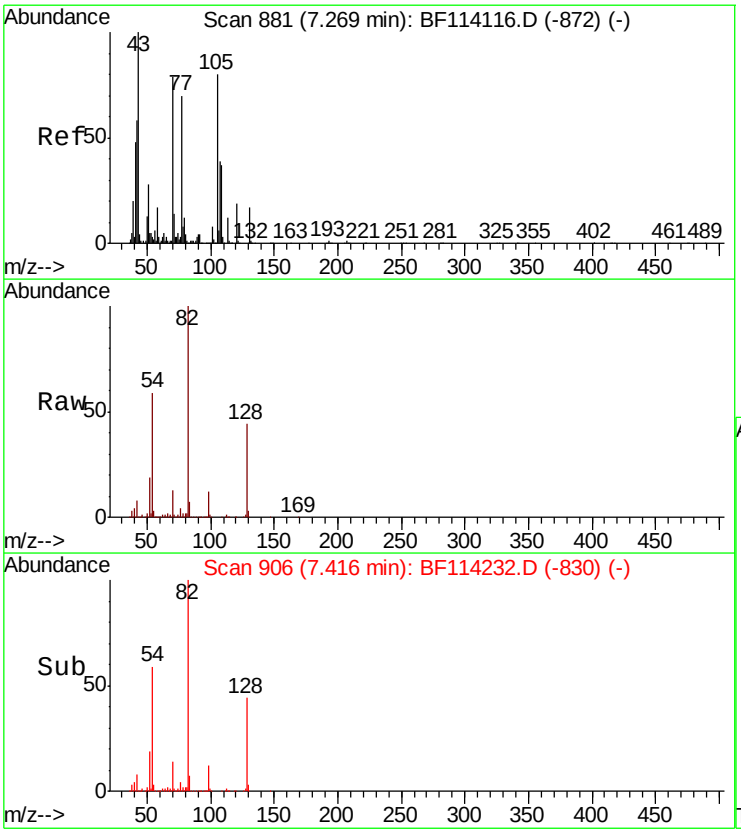
#7
Phenol-d6
Concen: 115.631 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion: 99 Resp: 2196515

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.9	26.9
71	31.7	26.2	39.2

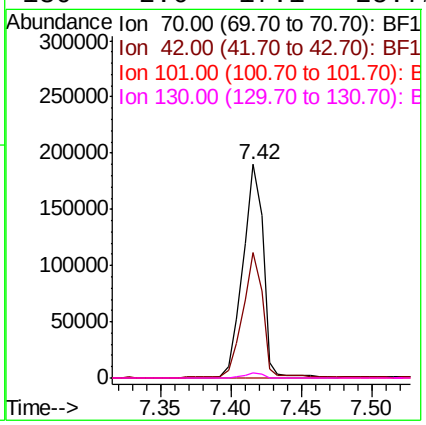


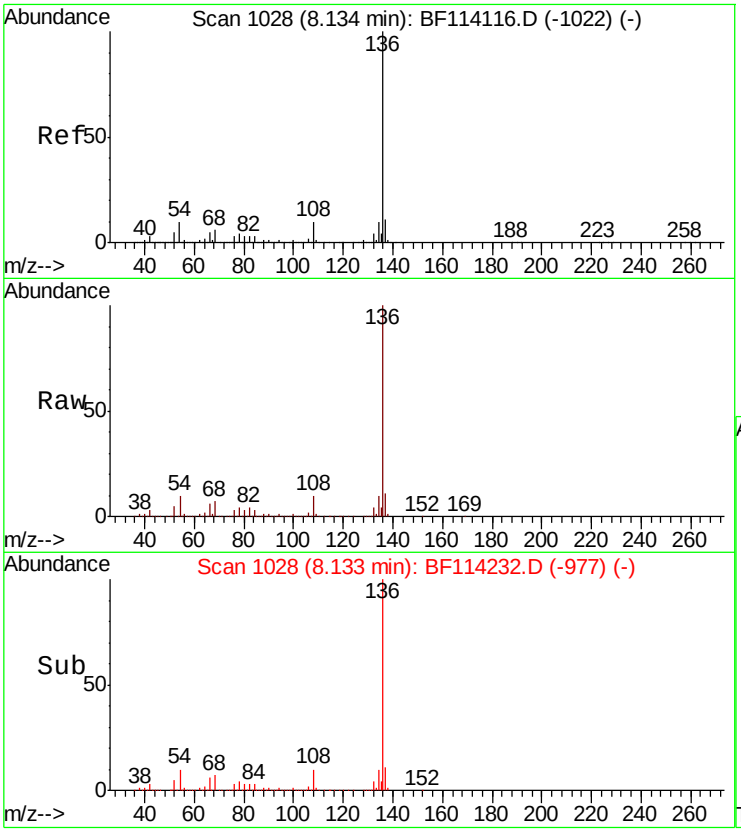


#19
n-Nitroso-di-n-propylamine
Concen: 16.043 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion: 70 Resp: 193162

Ion	Ratio	Lower	Upper
70	100		
42	58.7	58.6	87.8
101	0.0	7.8	11.8#
130	2.6	17.1	25.7#



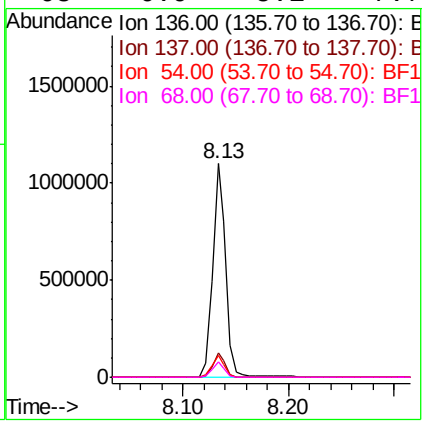


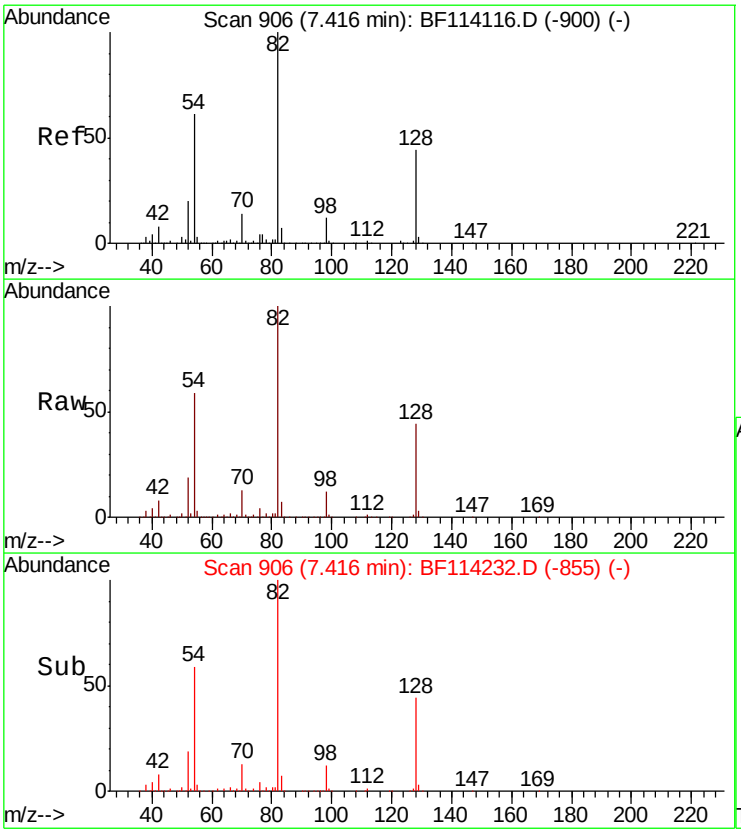
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:136 Resp: 969441

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	7.8	11.8
68	6.9	5.1	7.7

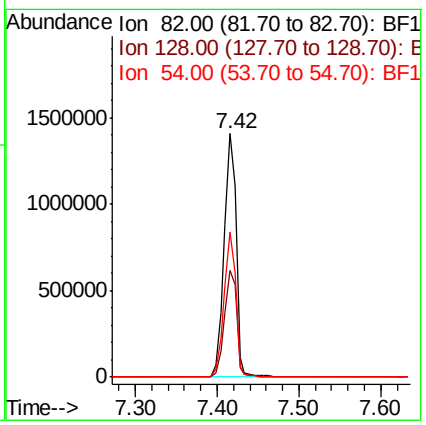


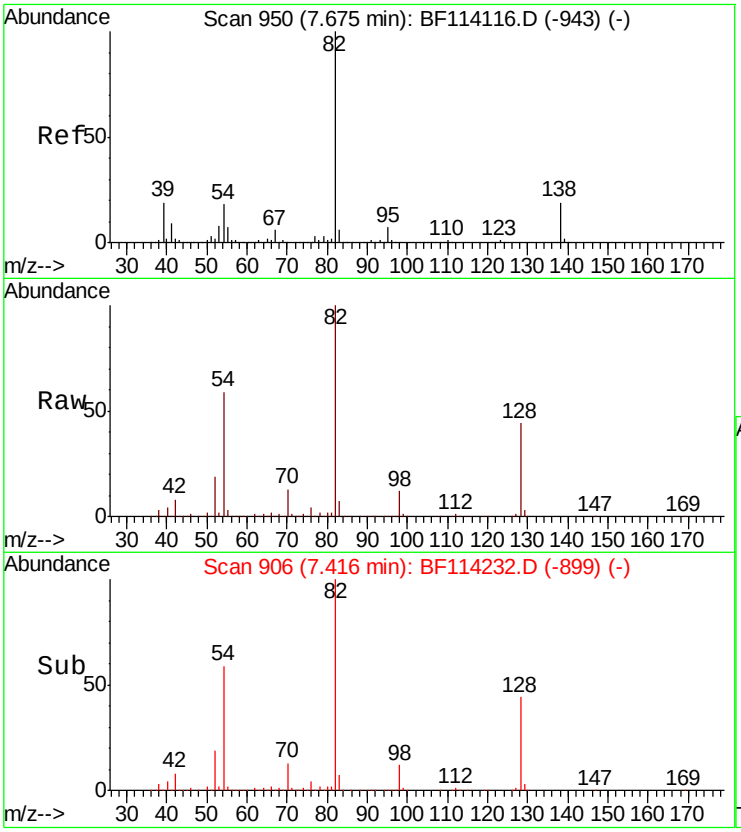


#23
Nitrobenzene-d5
Concen: 83.647 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion: 82 Resp: 1444957

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.4	48.5	72.7



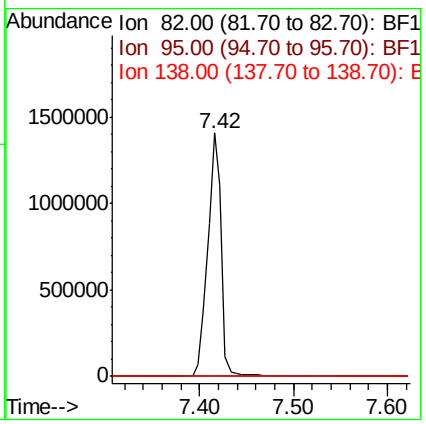


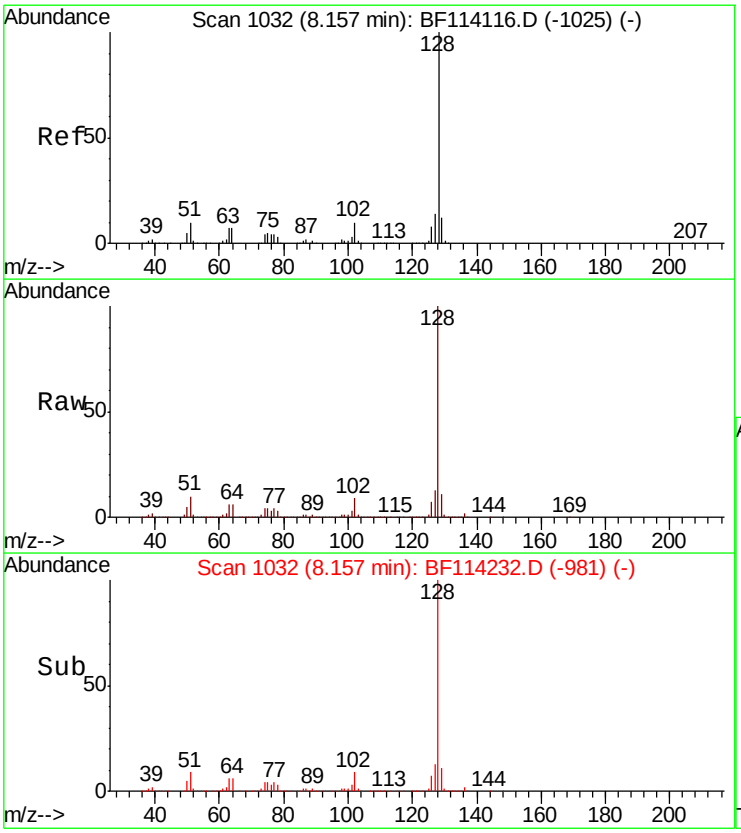
#25
Isophorone
Concen: 44.951 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion: 82 Resp: 1440093

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

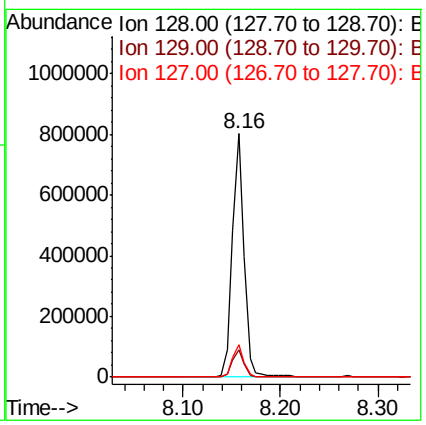


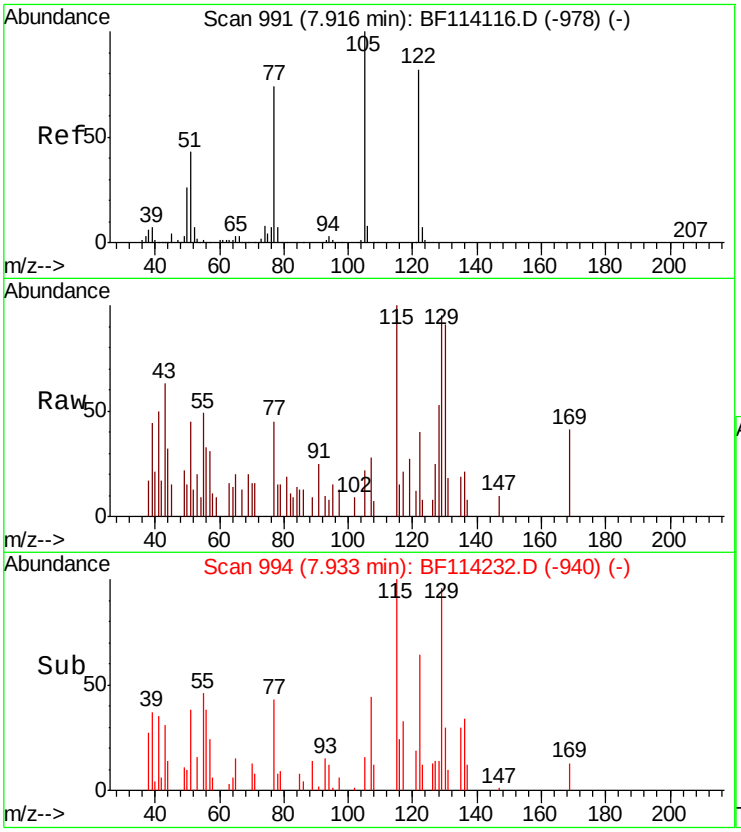


#31
Naphthalene
Concen: 14.890 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:128 Resp: 674262

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.3	11.3	16.9



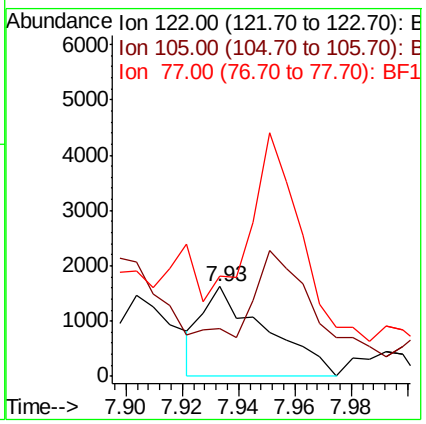


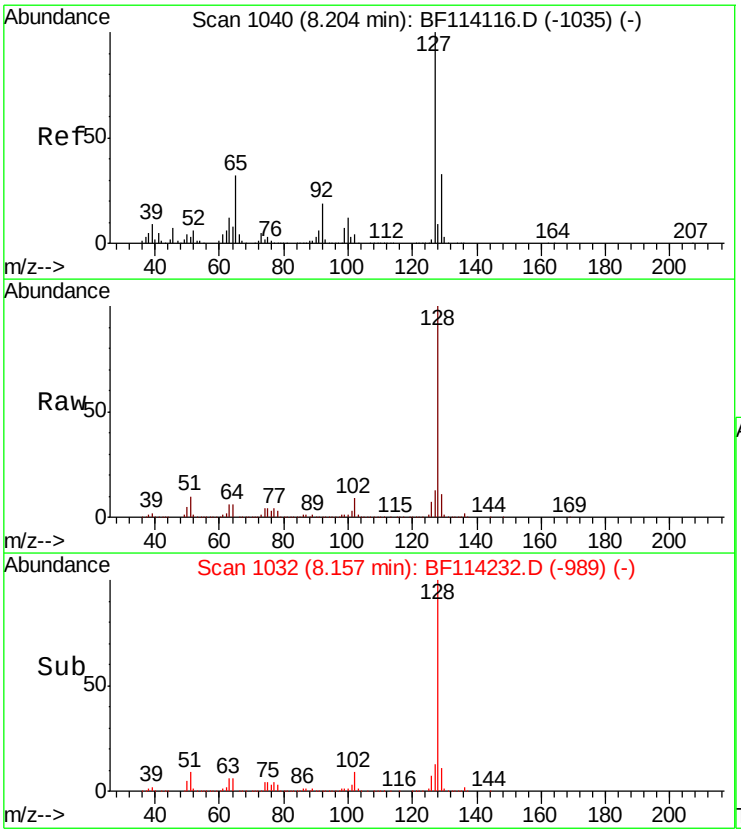
#32
Benzoic acid
Concen: 7.248 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:122 Resp: 2546

Ion	Ratio	Lower	Upper
122	100		
105	53.7	99.9	139.9#
77	112.1	69.4	109.4#

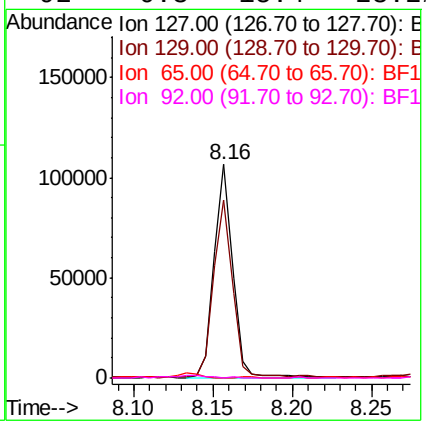


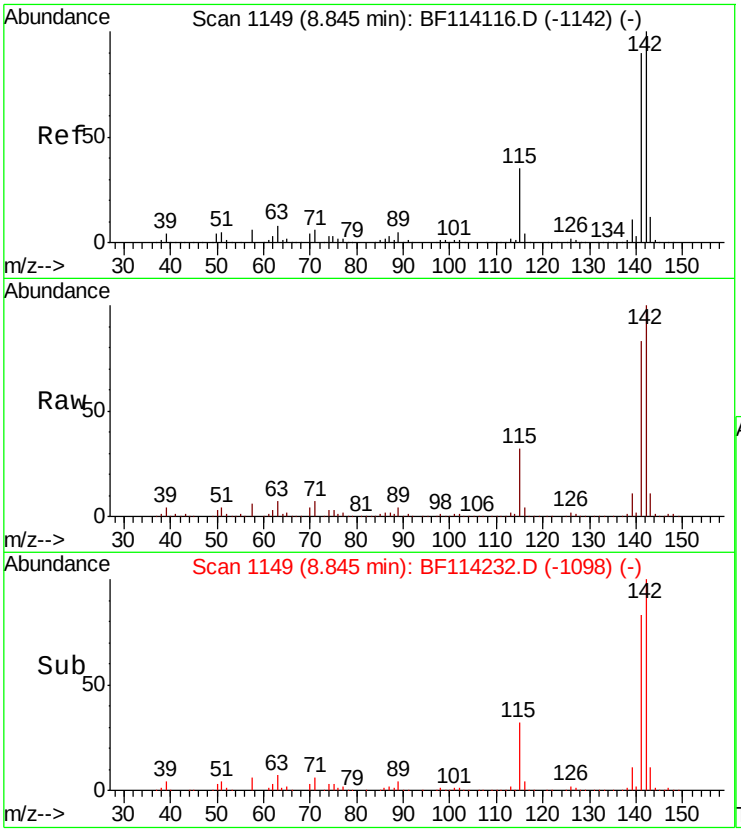


#33
4-Chloroaniline
Concen: 4.273 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:127 Resp: 88169

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.7	40.1#
65	0.0	25.4	38.0#
92	0.3	15.4	23.2#



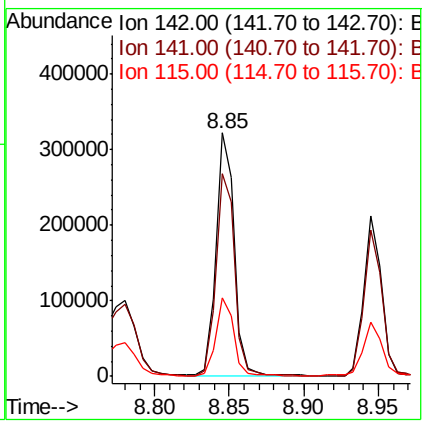


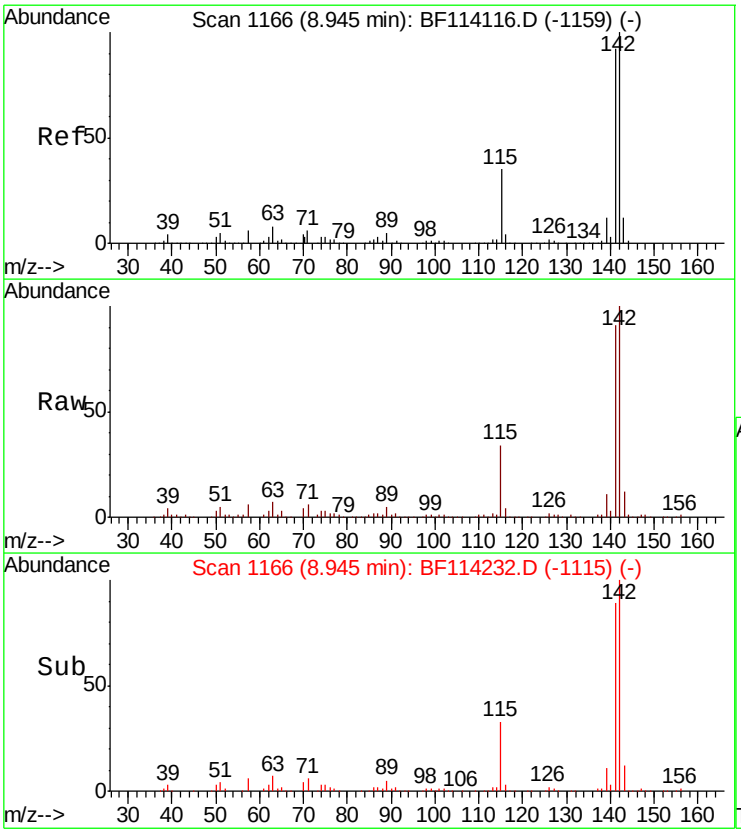
#37
2-Methylnaphthalene
Concen: 9.358 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:142 Resp: 273409

Ion	Ratio	Lower	Upper
142	100		
141	83.0	72.1	108.1
115	32.1	28.0	42.0

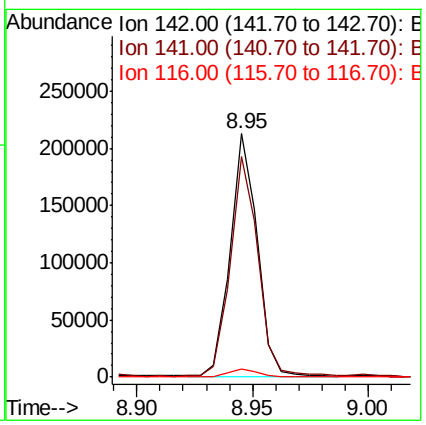


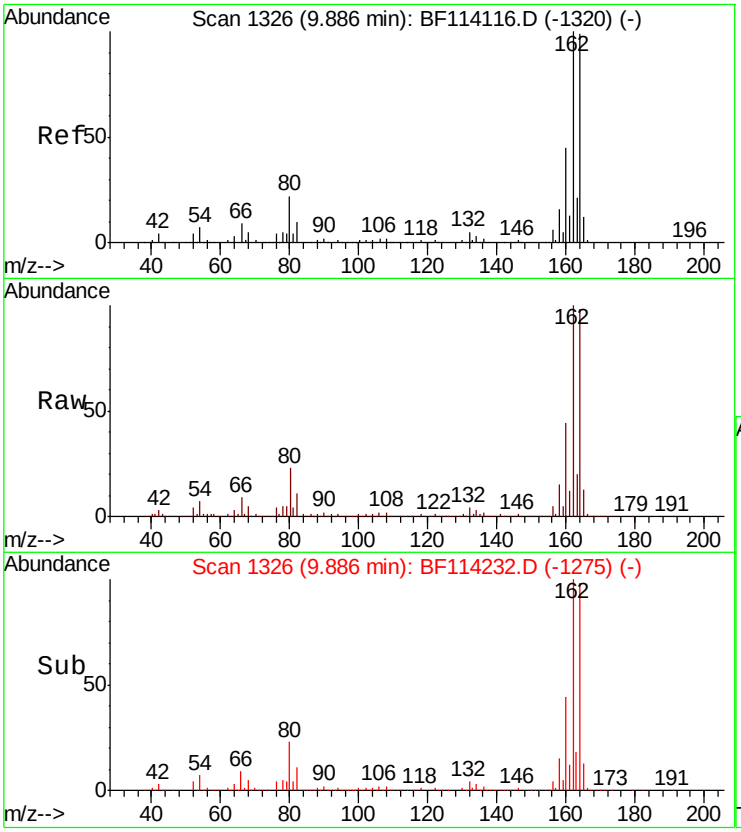


#38
1-Methylnaphthalene
Concen: 6.245 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:142 Resp: 171820

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.0
116	3.6	3.1	4.7



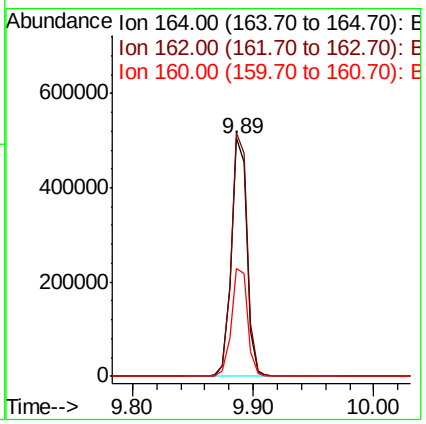


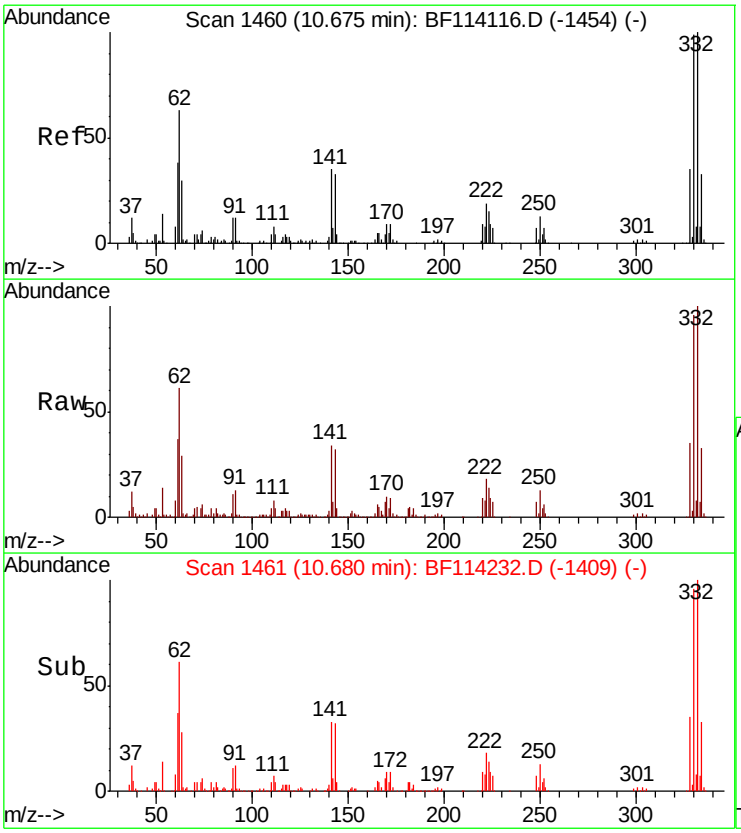
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:164 Resp: 457288

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.0	36.5	54.7

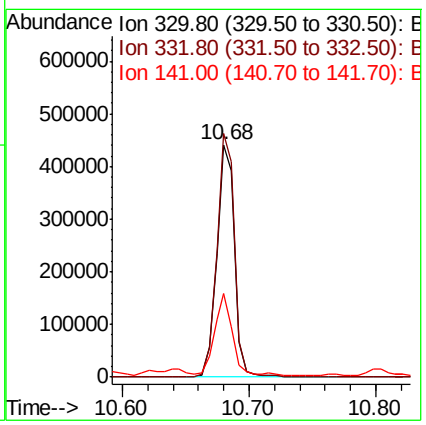


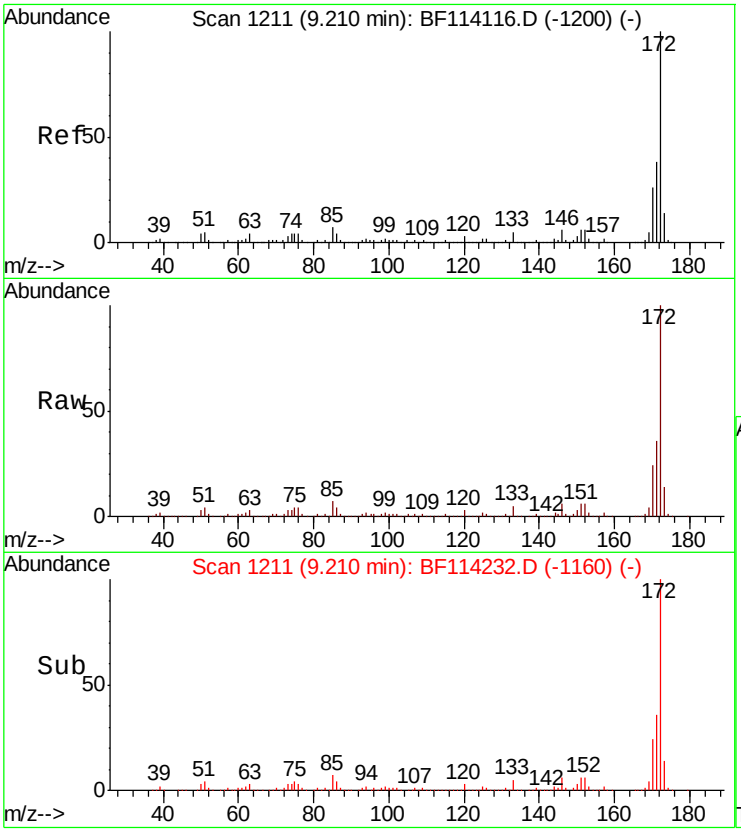


#42
2,4,6-Tribromophenol
Concen: 91.907 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:330 Resp: 434499

Ion	Ratio	Lower	Upper
330	100		
332	104.3	81.4	122.2
141	33.5	26.6	40.0



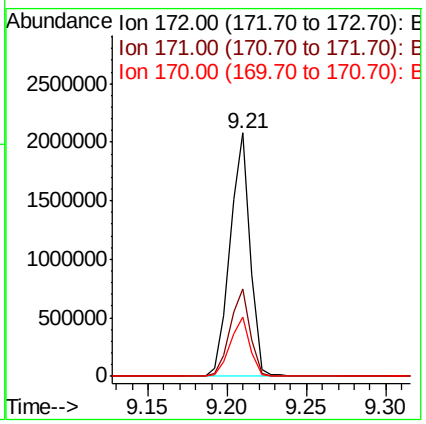


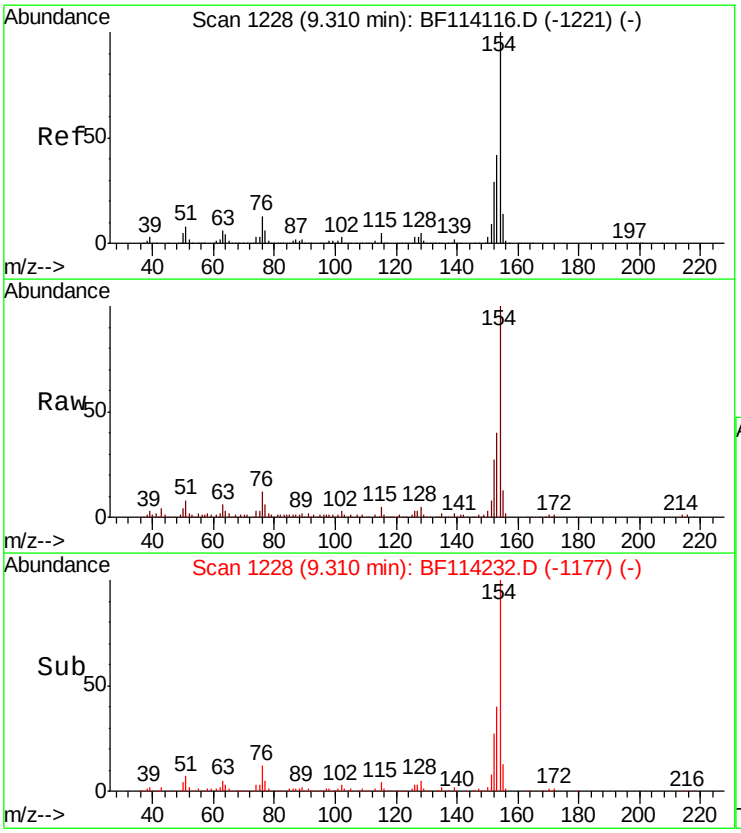
#45
2-Fluorobiphenyl
Concen: 60.249 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:172 Resp: 1821365

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.3	20.5	30.7

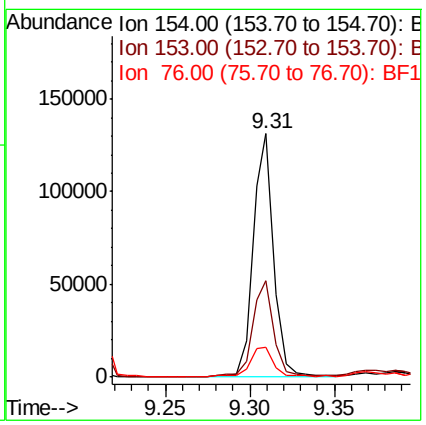


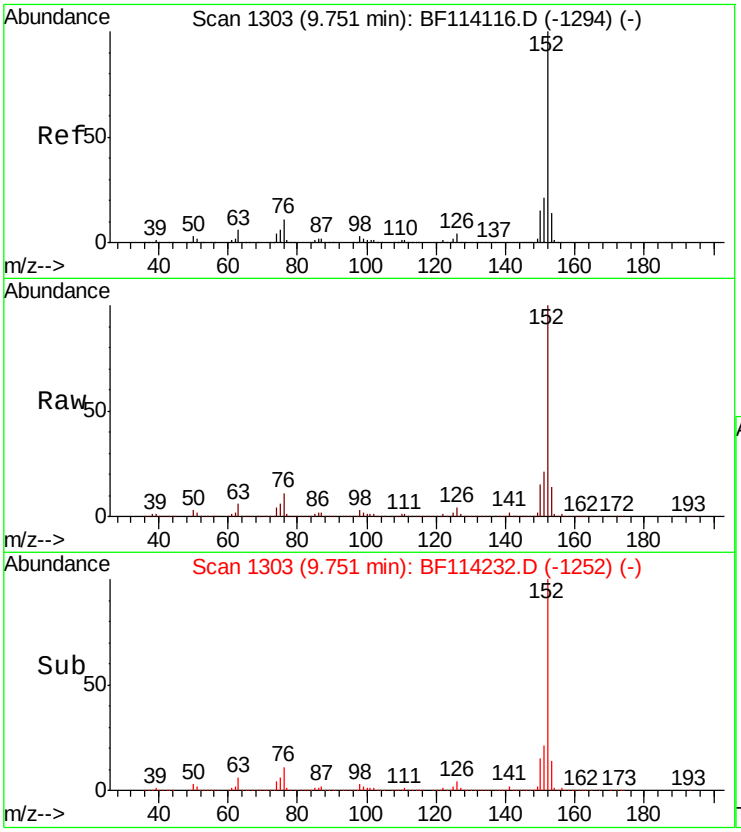


#46
1,1'-Biphenyl
Concen: 3.024 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:154 Resp: 111729

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.9	61.9
76	12.4	0.0	32.8



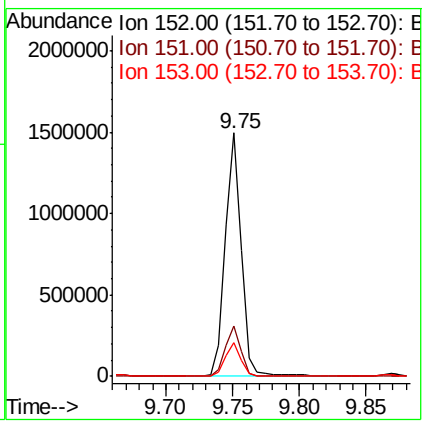


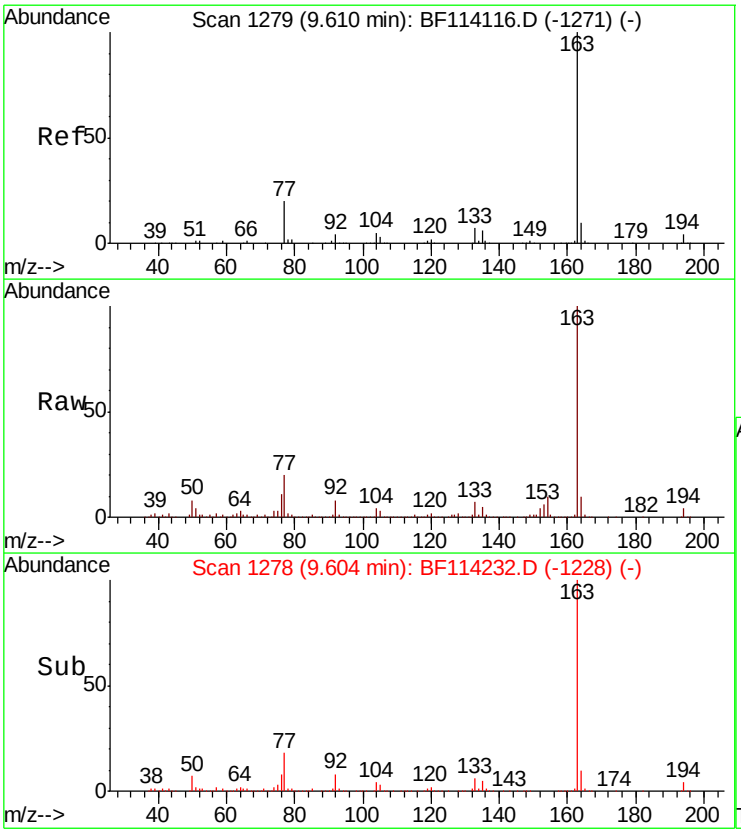
#49
Acenaphthylene
Concen: 28.156 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:152 Resp: 1273213

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.8	11.4	17.2

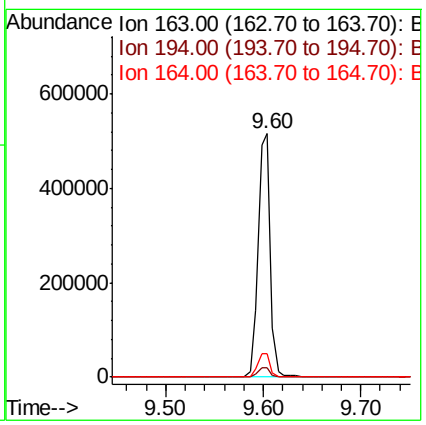


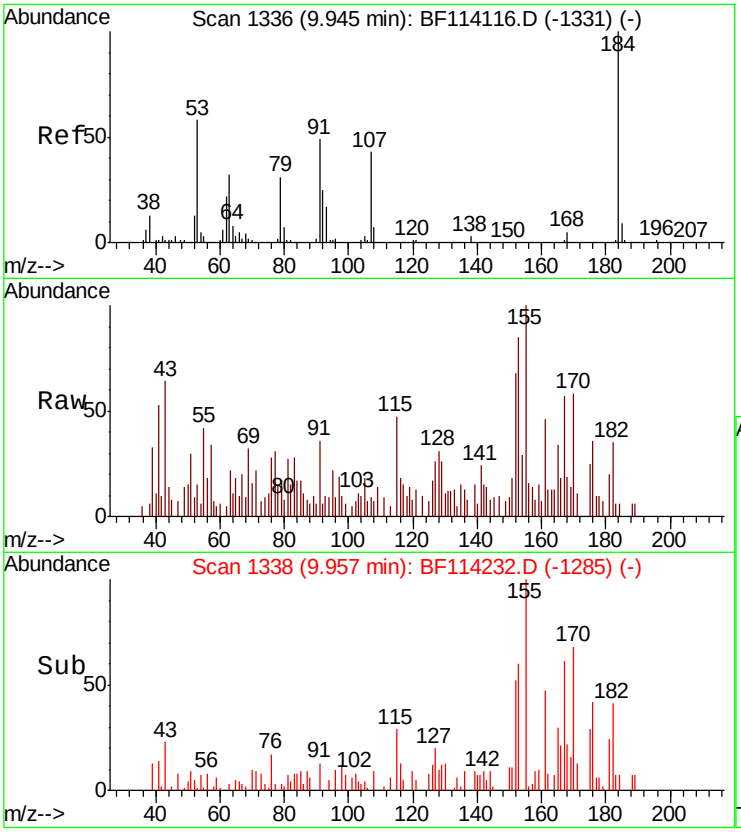


#50
Dimethylphthalate
Concen: 13.582 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:163 Resp: 455946

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.6	8.2	12.2



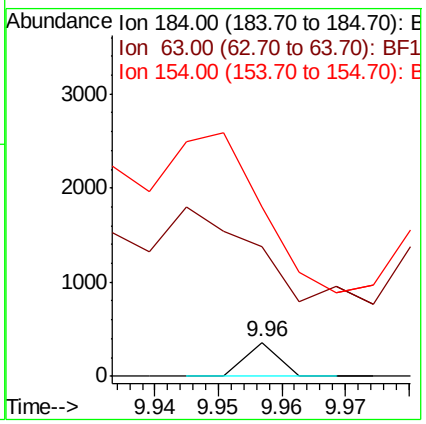


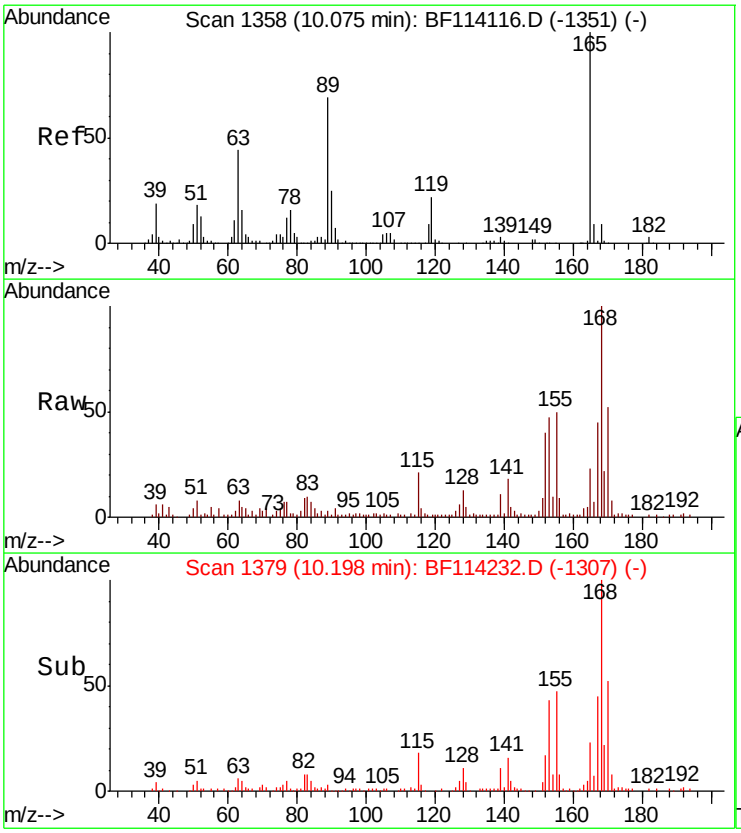
#54
2,4-Dinitrophenol
Concen: 6.776 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:184 Resp: 127

Ion	Ratio	Lower	Upper
184	100		
63	382.2	55.6	83.4#
154	501.1	46.0	69.0#

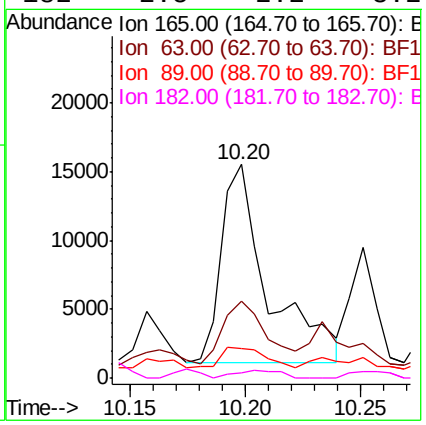


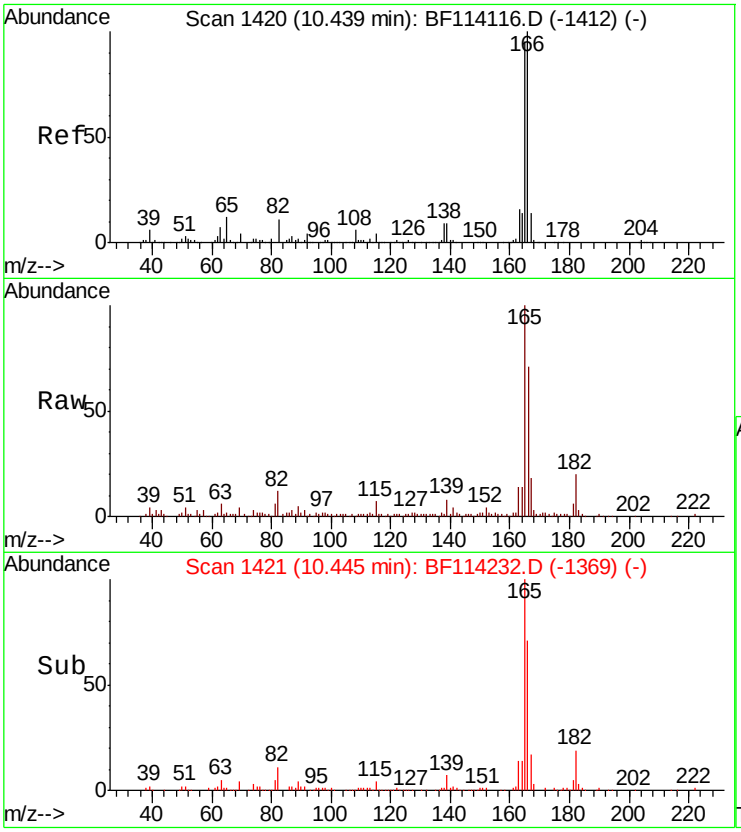


#57
2,4-Dinitrotoluene
Concen: 2.022 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.12 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:165 Resp: 20436

Ion	Ratio	Lower	Upper
165	100		
63	36.0	35.5	53.3
89	13.8	55.2	82.8#
182	2.5	2.2	3.2



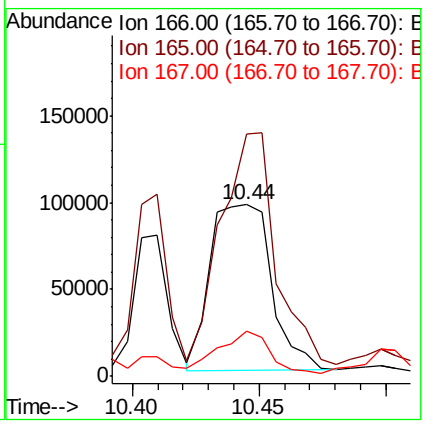


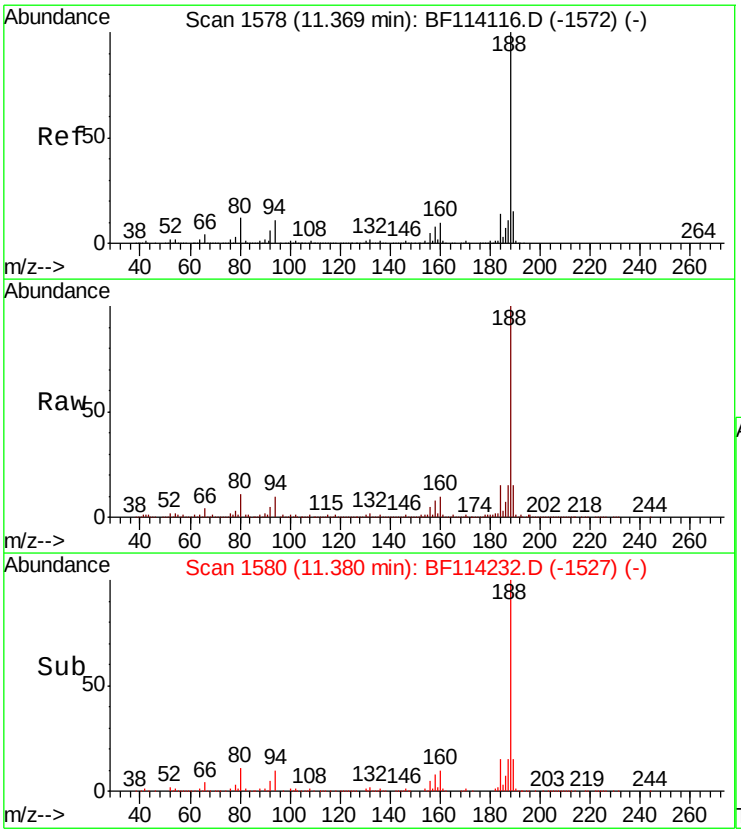
#58
Fluorene
Concen: 5.089 ng
RT: 10.44 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:166 Resp: 159950

Ion	Ratio	Lower	Upper
166	100		
165	141.7	76.1	114.1#
167	26.2	11.1	16.7#

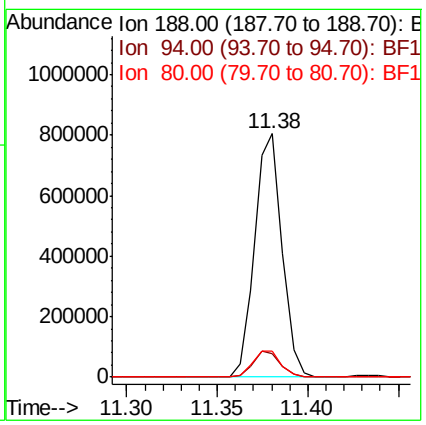


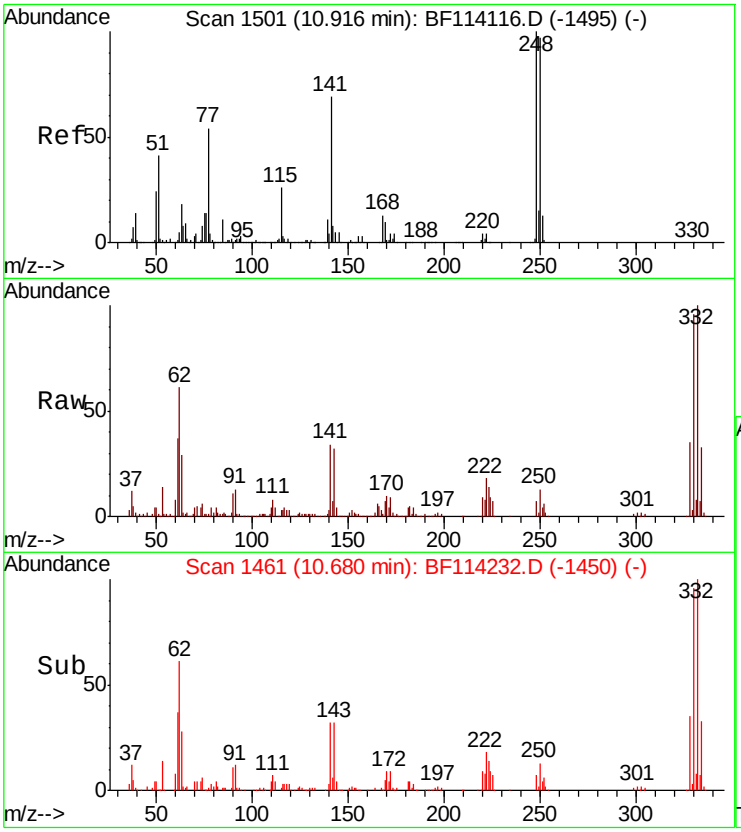


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:188 Resp: 837488

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.6	9.2	13.8



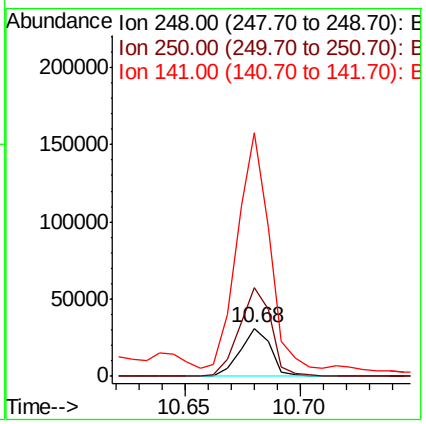


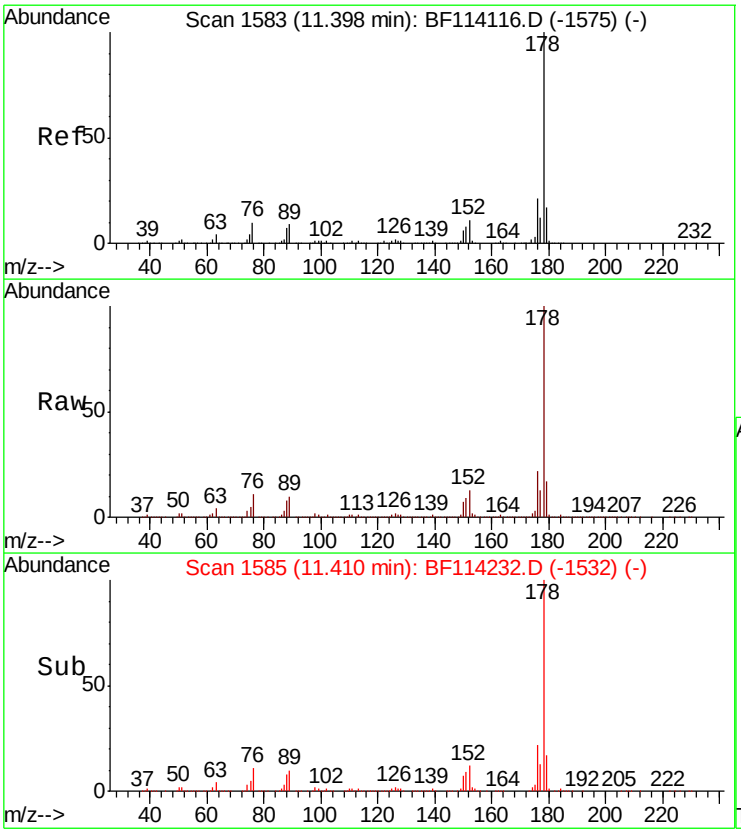
#67
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:248 Resp: 28671

Ion	Ratio	Lower	Upper
248	100		
250	185.8	77.4	116.2#
141	506.1	55.6	83.4#

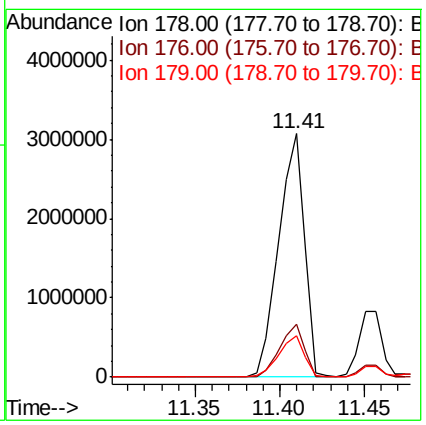


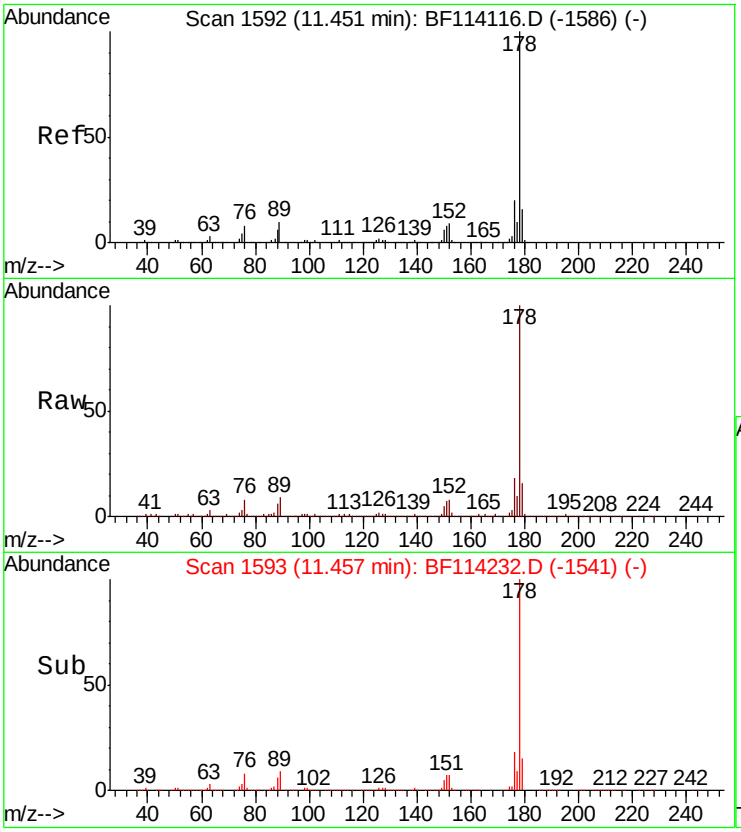


#71
Phenanthrene
Concen: 80.148 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:178 Resp: 3265607

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.4	24.6
179	17.3	13.2	19.8



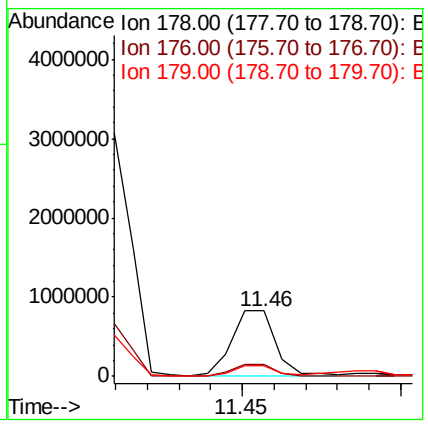


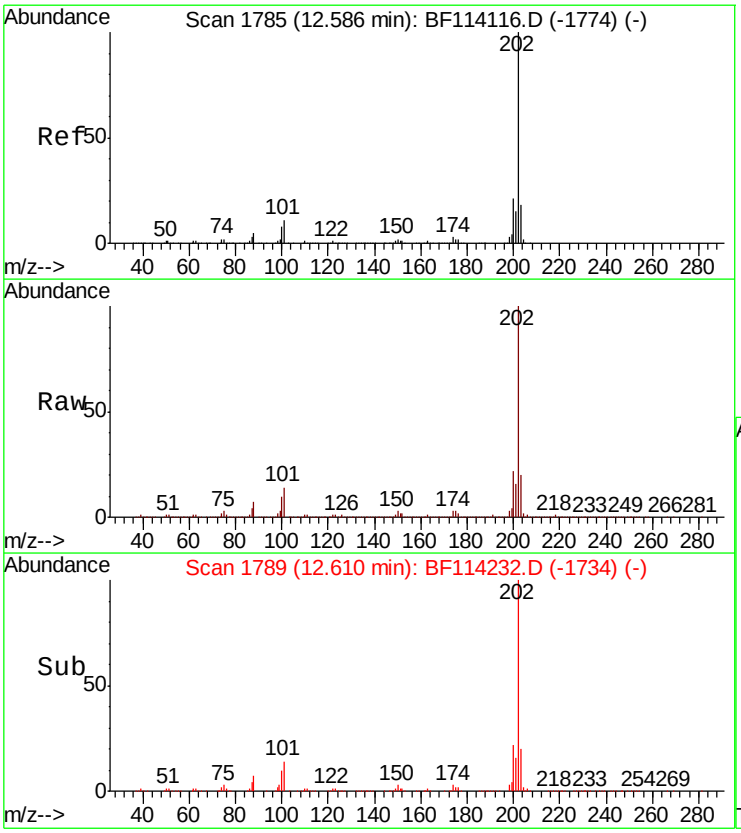
#72
Anthracene
Concen: 18.736 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:178 Resp: 766772

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	13.0	19.4

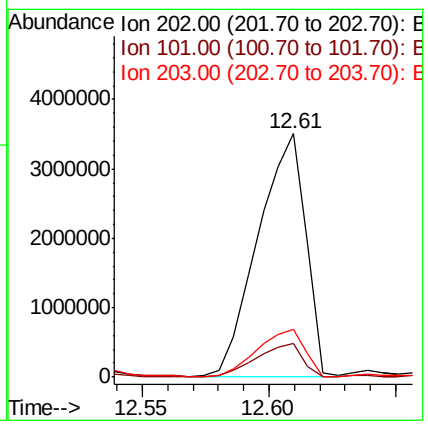


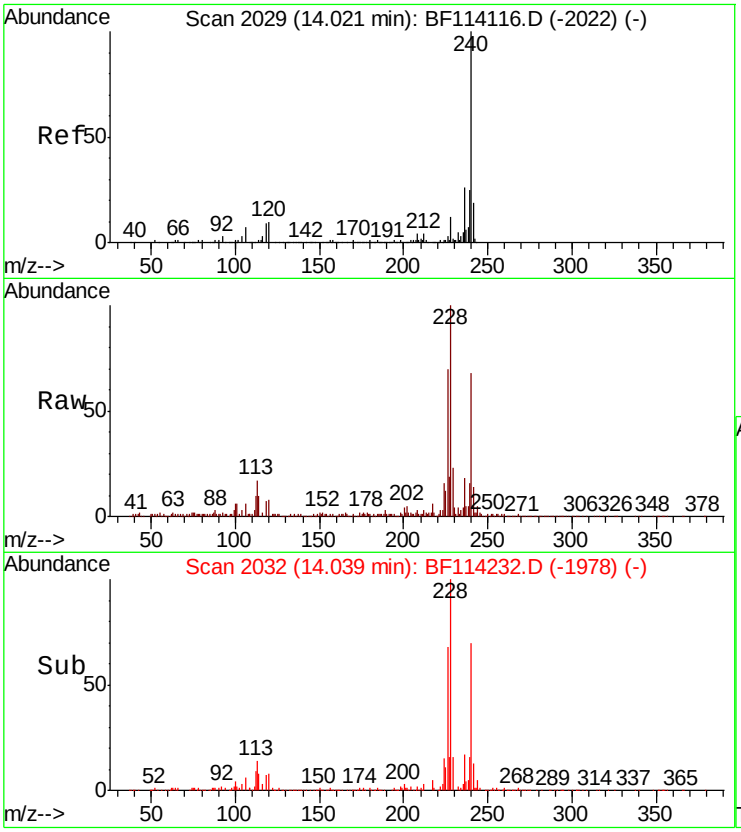


#75
Fluoranthene
Concen: 104.652 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:202 Resp: 4591800

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.0
203	19.8	0.0	38.4



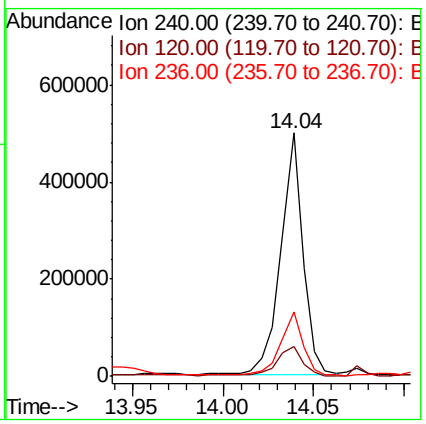


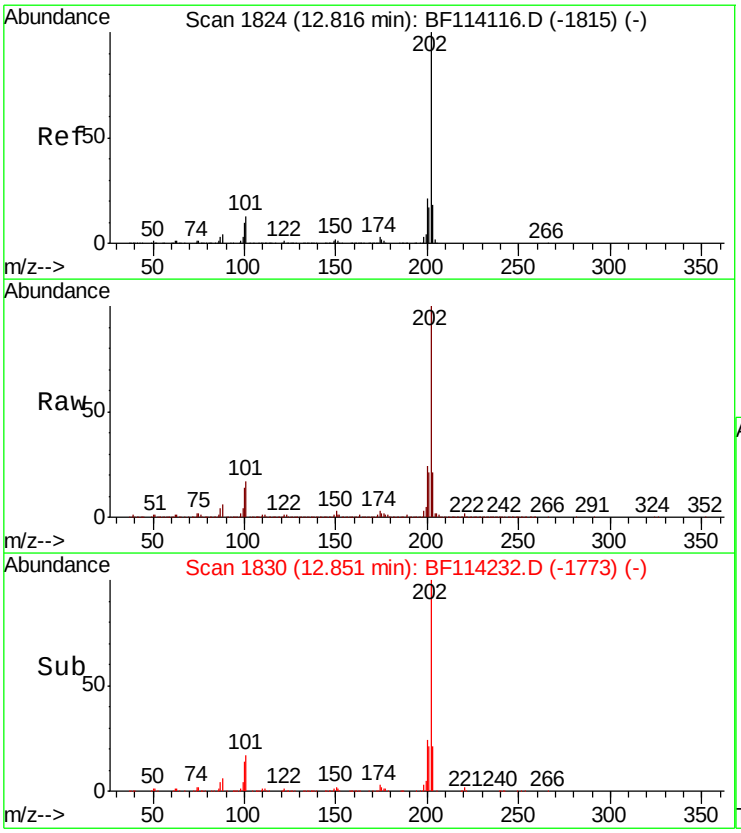
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:240 Resp: 427238

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.4	20.8	31.2

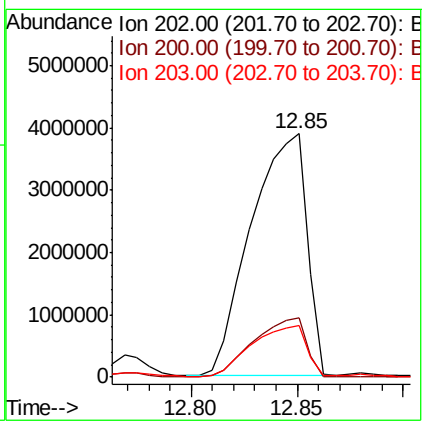


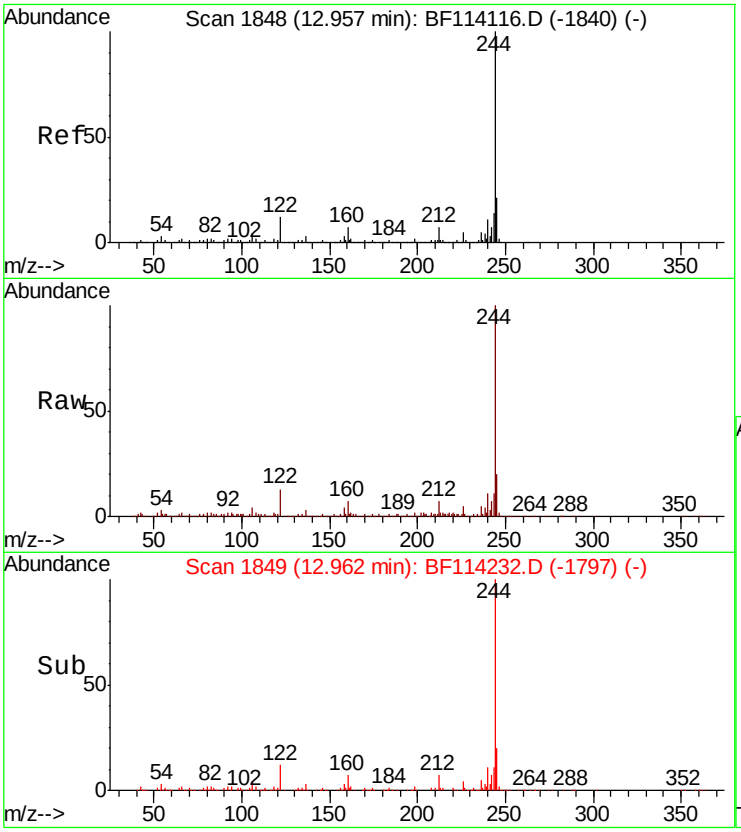


#78
Pyrene
Concen: 208.193 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.04 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:202 Resp: 7155445

Ion	Ratio	Lower	Upper
202	100		
200	24.5	16.9	25.3
203	21.1	14.5	21.7



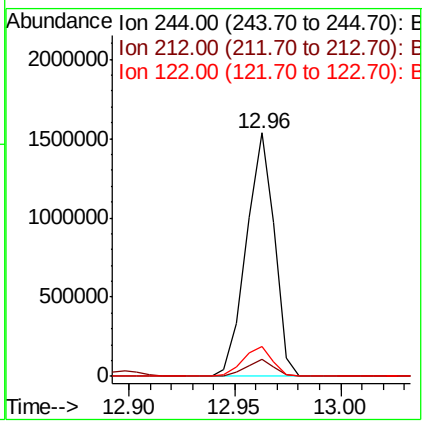


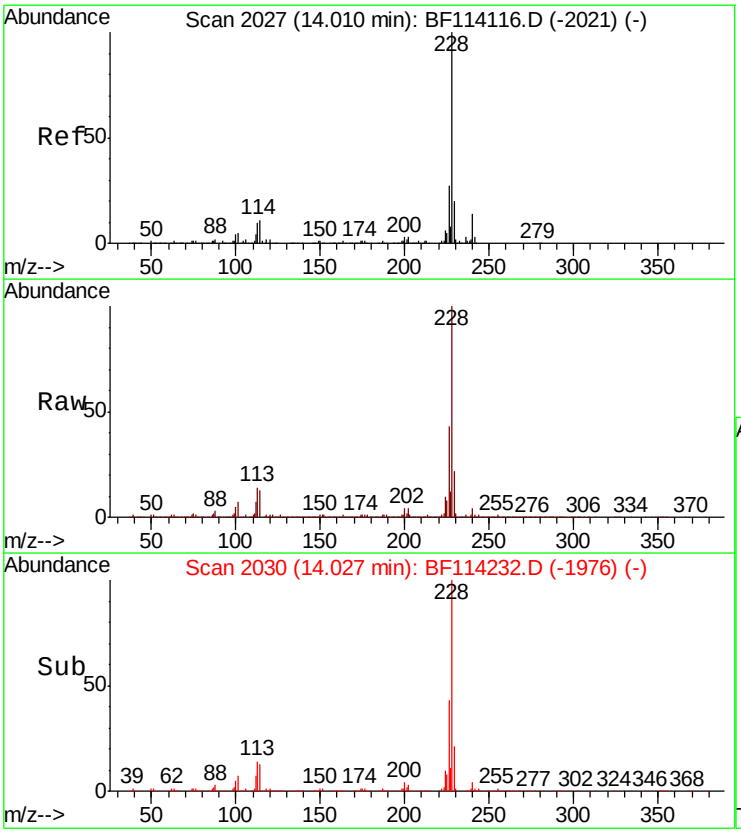
#79
Terphenyl-d14
Concen: 68.193 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:244 Resp: 1413312

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.5	9.4	14.2

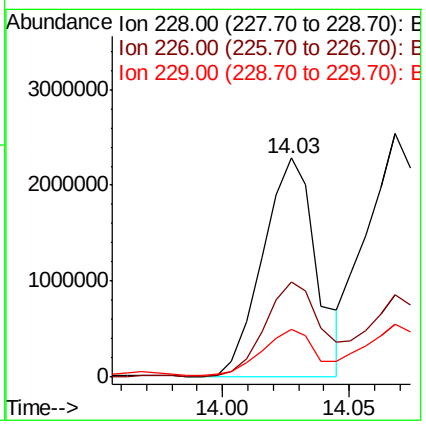


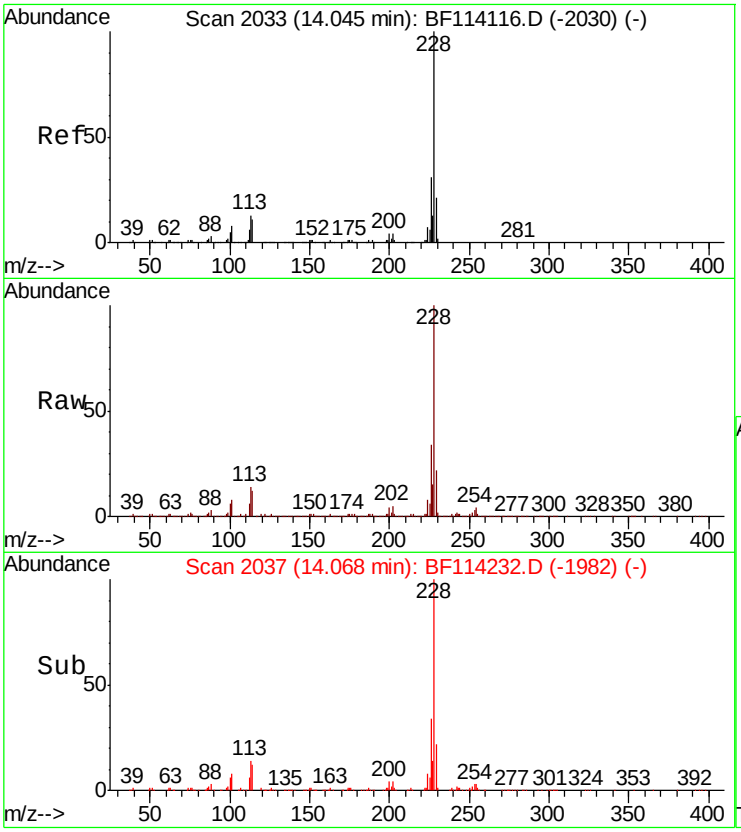


#81
Benzo(a)anthracene
Concen: 121.828 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:228 Resp: 3366550

Ion	Ratio	Lower	Upper
228	100		
226	43.2	22.2	33.2#
229	21.9	16.4	24.6



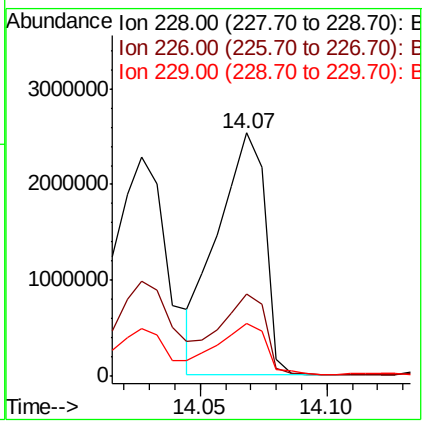


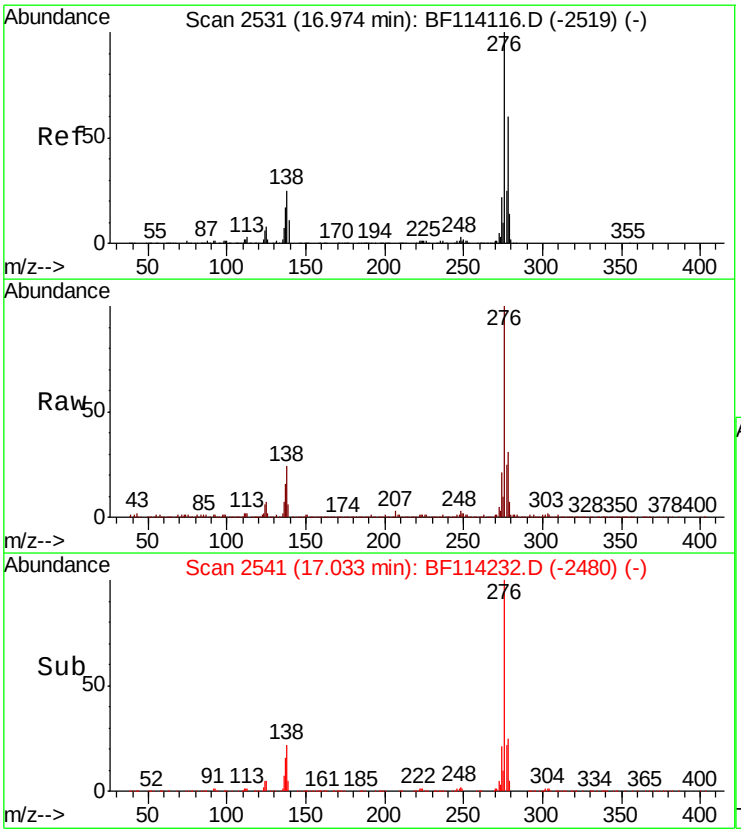
#83
Chrysene
Concen: 122.161 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:228 Resp: 3309165

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.0	37.6
229	21.9	17.0	25.6

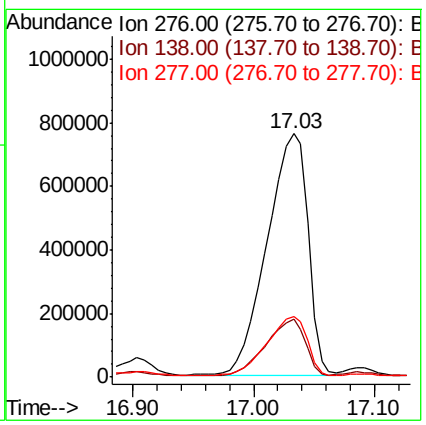


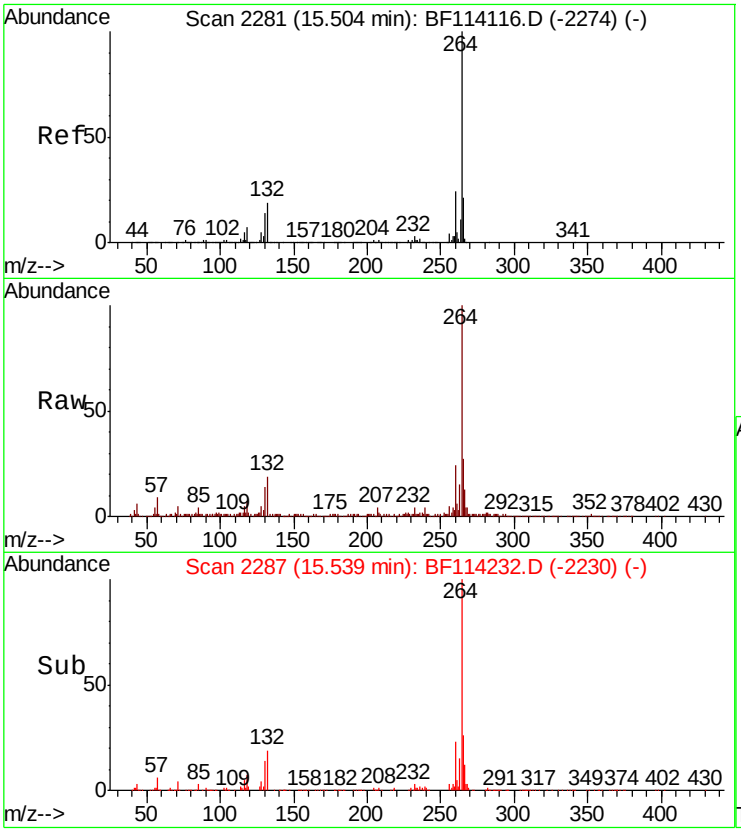


#86
Indeno(1,2,3-cd)pyrene
Concen: 73.912 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.06 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:276 Resp: 1769480

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.2	30.2
277	23.9	20.0	30.0



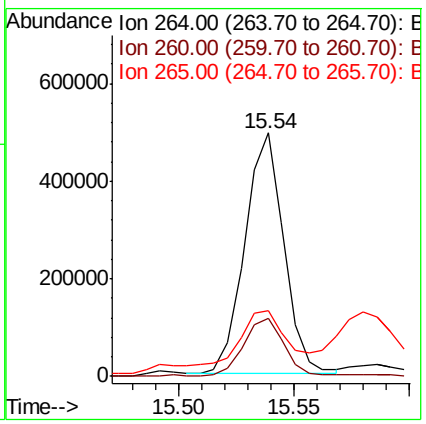


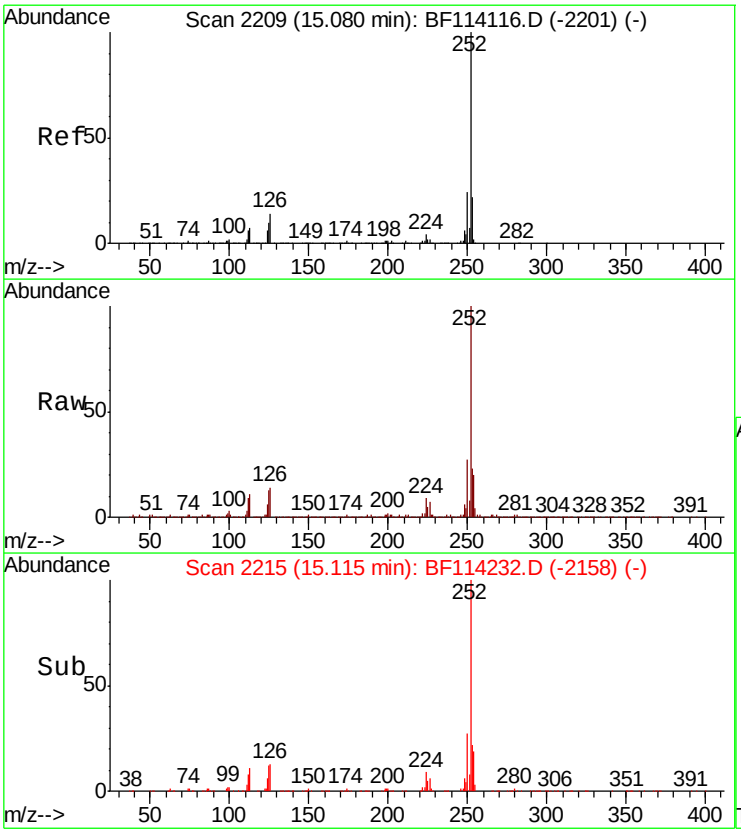
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.04 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:264 Resp: 580830

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	27.1	16.9	25.3#

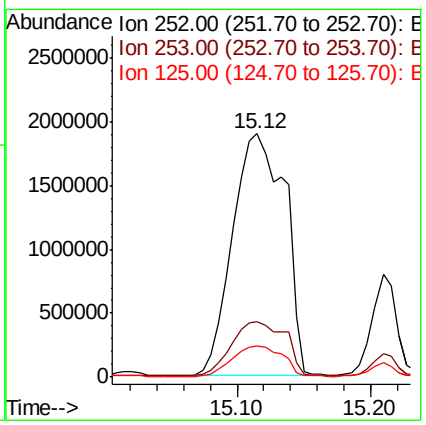


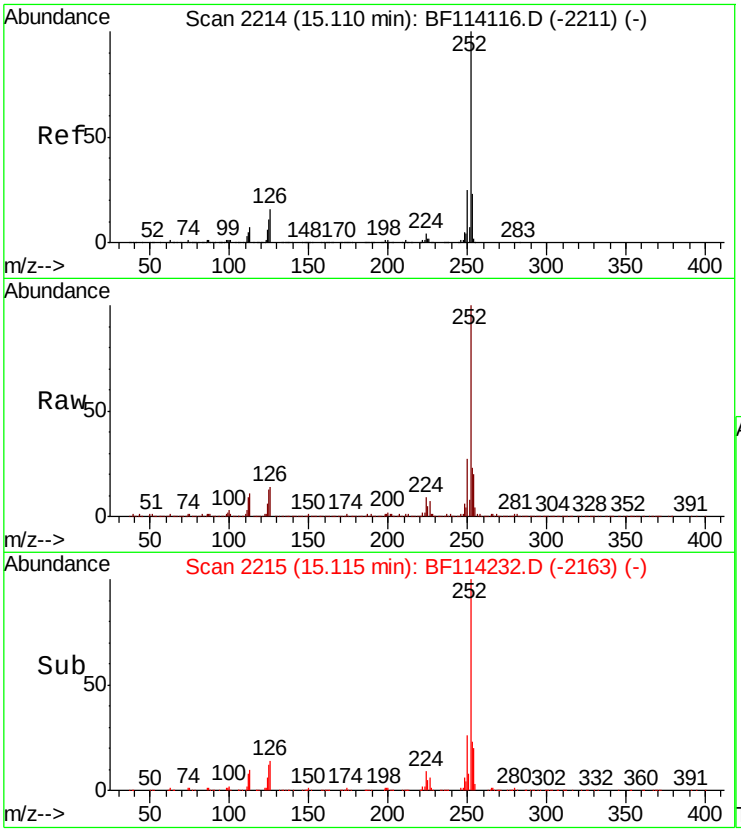


#88
Benzo(b)fluoranthene
Concen: 139.619 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.04 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:252 Resp: 5195417

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.5	8.3	12.5#



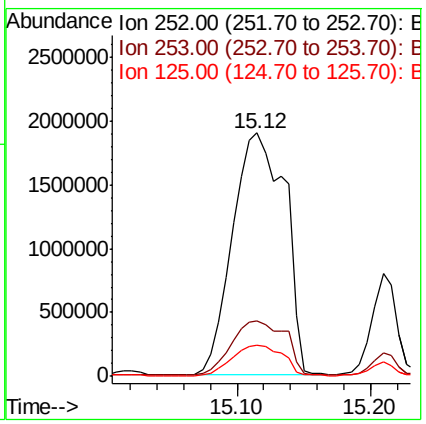


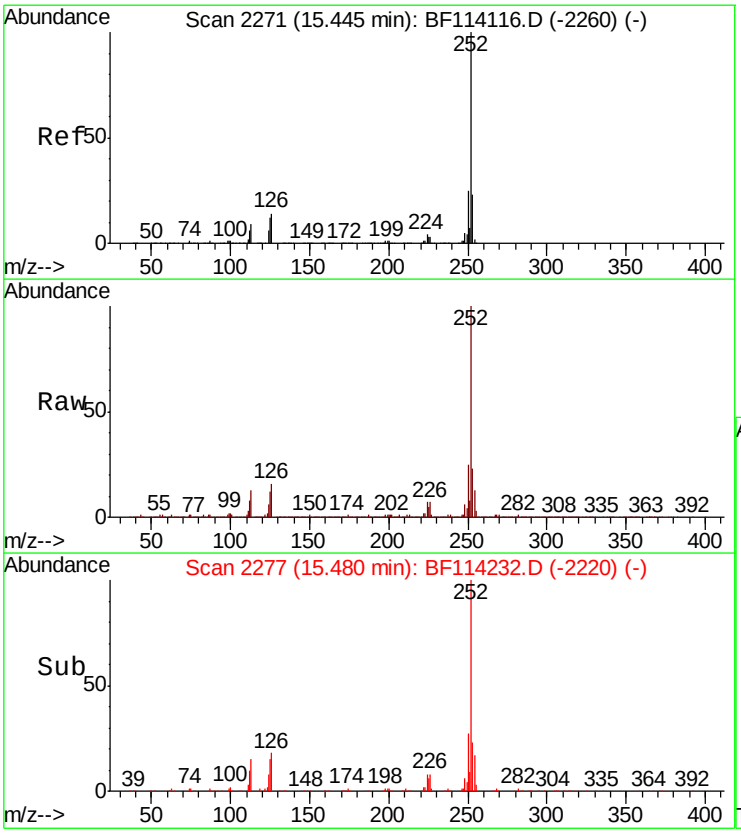
#89
Benzo(k)fluoranthene
Concen: 151.991 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:252 Resp: 5195417

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.5	8.6	13.0

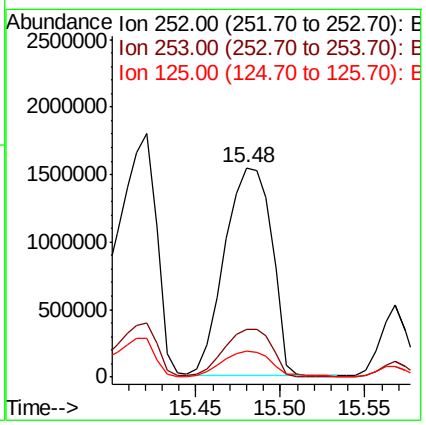


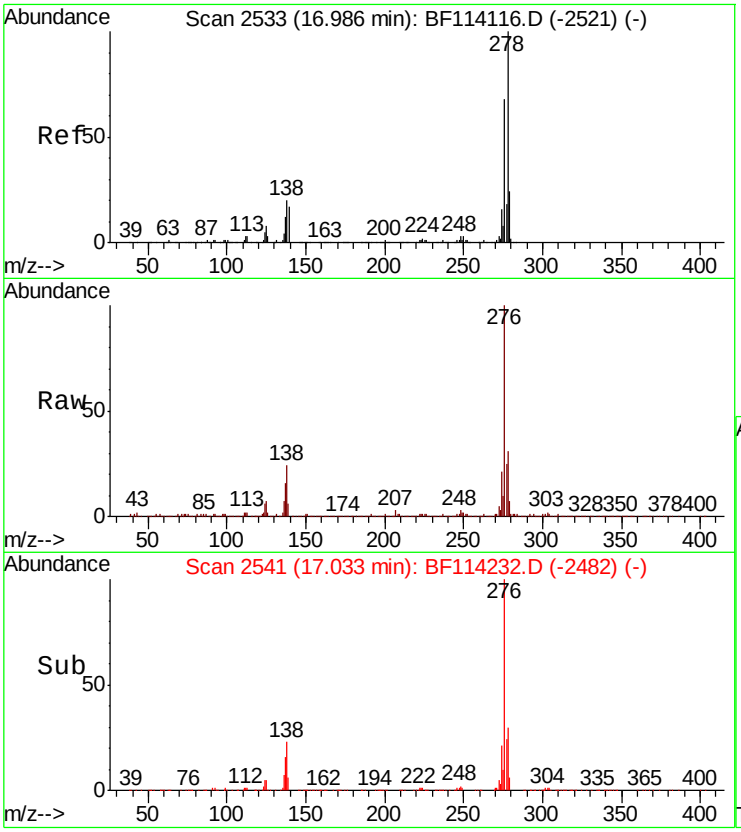


#90
Benzo(a)pyrene
Concen: 91.560 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.04 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:252 Resp: 2998494

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.4	9.5	14.3



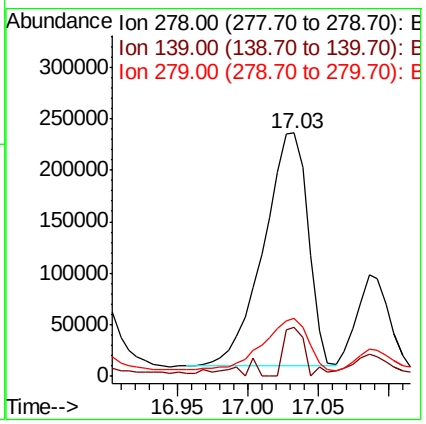


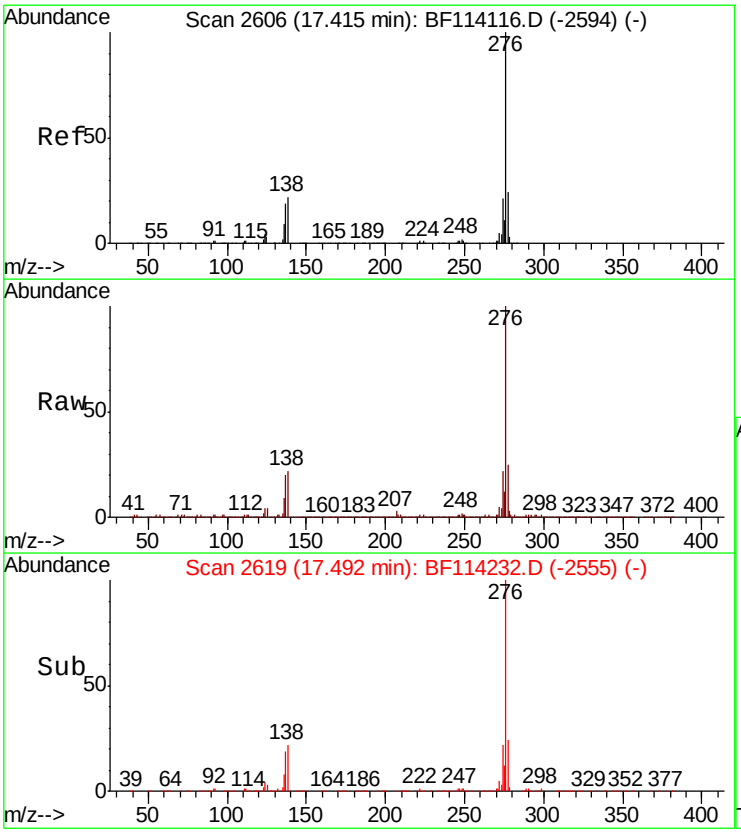
#91
Dibenzo(a,h)anthracene
Concen: 18.334 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.05 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:278 Resp: 498924

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.5	20.3
279	23.8	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 70.824 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.08 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:276 Resp: 1931466

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	22.3	17.8	26.6