Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114226.D
Acq On : 13 May 2019 14:05
Operator : JU/SJ
Sample : K2767-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS012-0002-01

Quant Time: May 14 04:43:30 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	292375	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1119906	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	525303	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	973697	20.00	ng		0.01
76) Chrysene-d12	14.03	240	481595	20.00	ng		0.01
87) Perylene-d12	15.53	264	643919	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1561674	85.96	ng		0.02
7) Phenol-d6	6.51	99	2089207	97.23	ng		0.02
23) Nitrobenzene-d5	7.42	82	1369201	68.61	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	436867	80.44	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1835697	52.86	ng		0.00
79) Terphenyl-d14	12.96	244	1407901	60.26	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	182221	13.379	ng	#	75
25) Isophorone	7.42	82	1367077	36.938	ng	#	64
31) Naphthalene	8.16	128	820089	15.677	ng		98
32) Benzoic acid	7.88	122	7717	7.617	ng		91
33) 4-Chloroaniline	8.16	127	108296	4.543	ng	#	33
37) 2-Methylnaphthalene	8.85	142	365510	10.829	ng		97
38) 1-Methylnaphthalene	8.95	142	249511	7.850	ng		99
46) 1,1'-Biphenyl	9.31	154	166197	3.916	ng		97
49) Acenaphthylene	9.75	152	1385724	26.677	ng		99
50) Dimethylphthalate	9.60	163	443260	11.495	ng		100
54) 2,4-Dinitrophenol	9.96	184	137	6.774	ng	#	1
58) Fluorene	10.44	166	182070	5.043	ng		96
67) 4-Bromophenyl-phenylether	10.68	248	28897	2.695	ng	#	1
71) Phenanthrene	11.41	178	3691572	77.928	ng		98
72) Anthracene	11.46	178	643683	13.528	ng		98
75) Fluoranthene	12.61	202	4304714	84.384	ng		94
78) Pyrene	12.85	202	6702969	173.016	ng		94
81) Benzo(a)anthracene	14.03	228	2941043	94.418	ng	#	80
82) 3,3'-Dichlorobenzidine	14.06	252	94154	7.792	ng	#	1
83) Chrysene	14.07	228	3235378	105.956	ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	1759433	65.197	ng		96
88) Benzo(b)fluoranthene	15.10	252	4859175	117.789	ng	#	97
89) Benzo(k)fluoranthene	15.10	252	4859175	128.227	ng		97
90) Benzo(a)pyrene	15.47	252	3033712	83.559	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	485363	16.088	ng		98
92) Benzo(g,h,i)perylene	17.48	276	1956771	64.722	ng		99

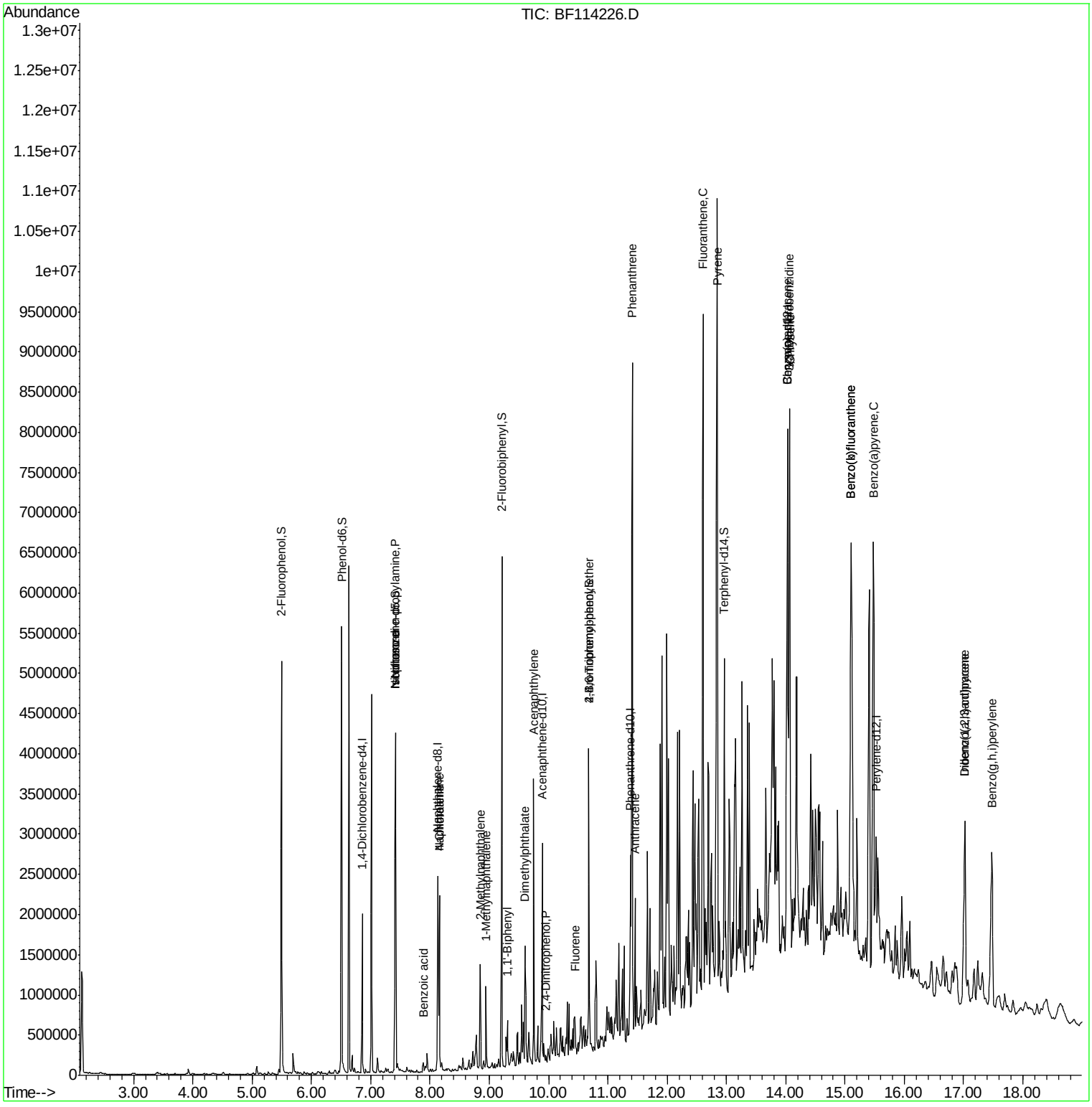
(#) = qualifier out of range (m) = manual integration (+) = signals summed

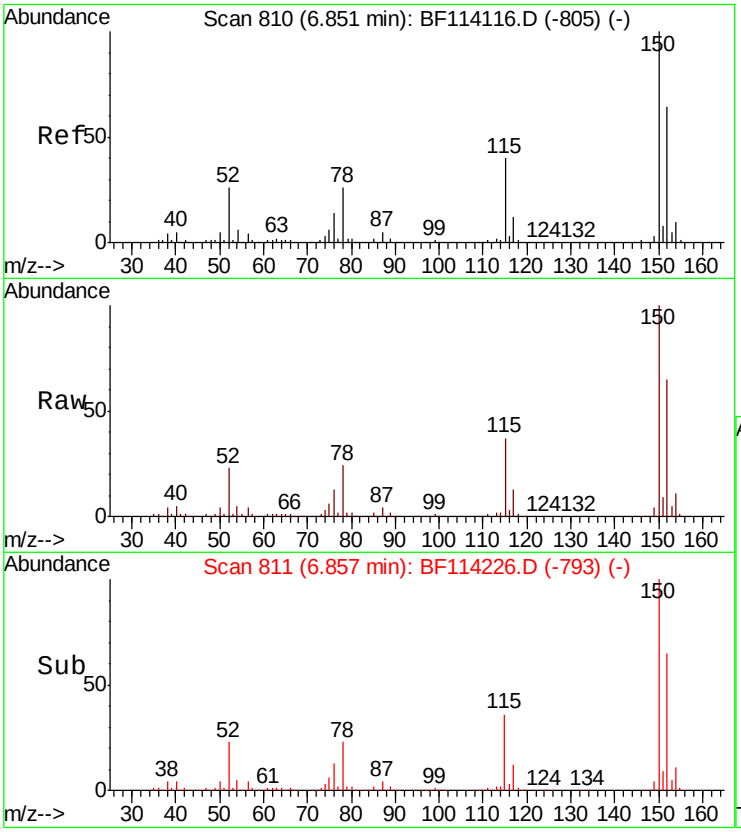
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114226.D
Acq On : 13 May 2019 14:05
Operator : JU/SJ
Sample : K2767-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Quant Time: May 14 04:43:30 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



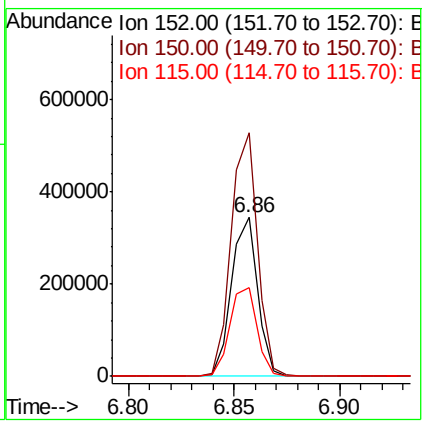


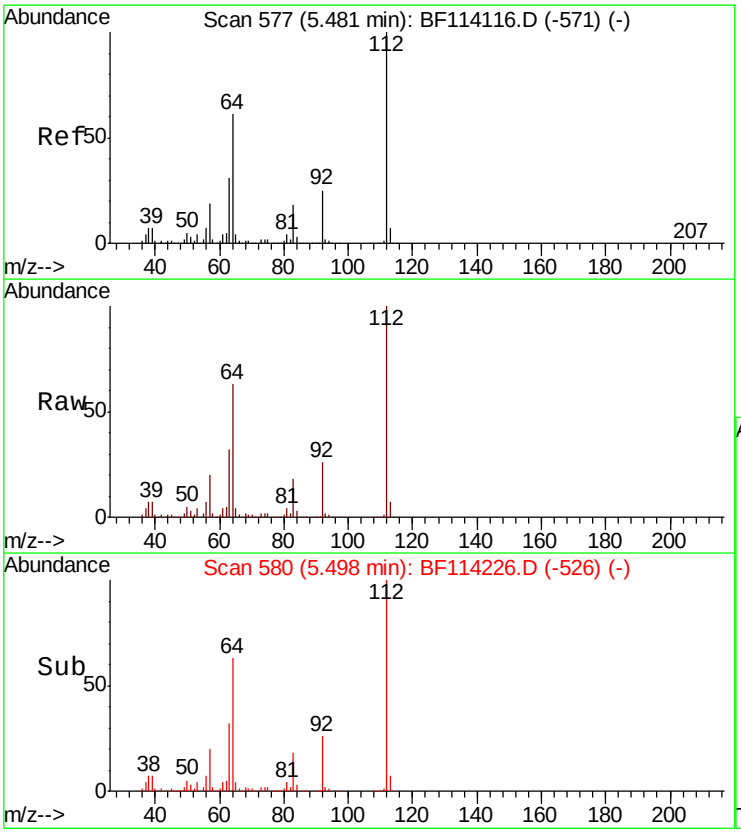
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:152 Resp: 292375

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.3	186.5
115	56.1	49.1	73.7

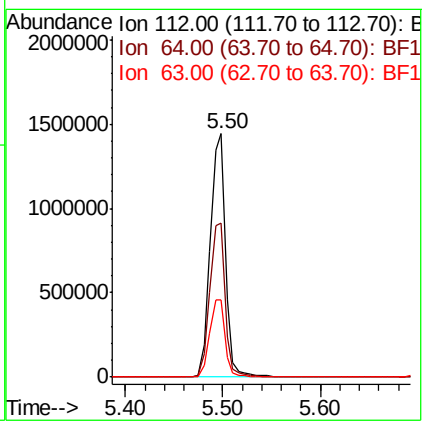


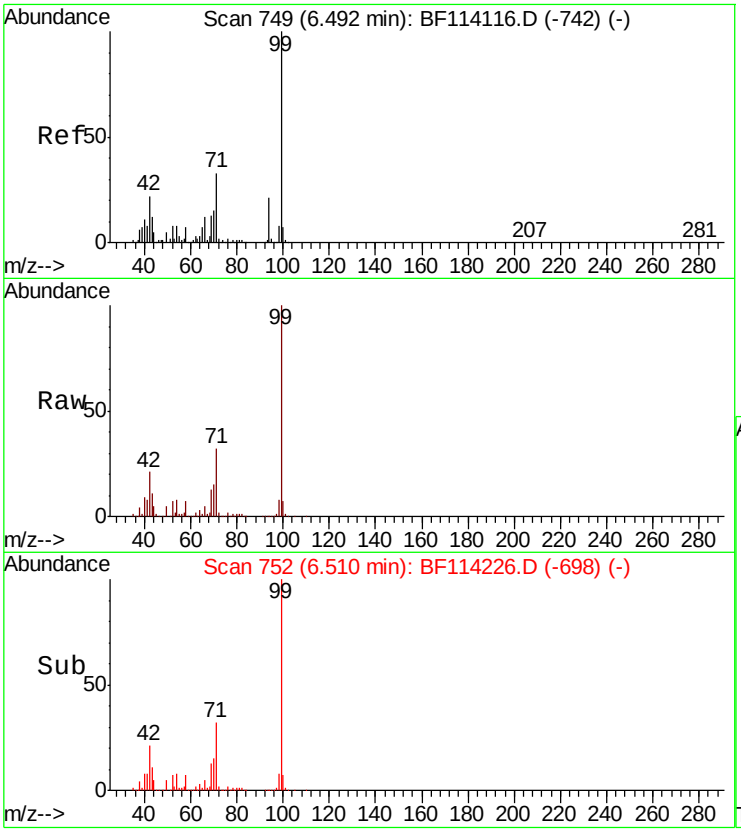


#5
2-Fluorophenol
Concen: 85.956 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:112 Resp: 1561674

Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.0	73.6
63	31.7	24.6	37.0



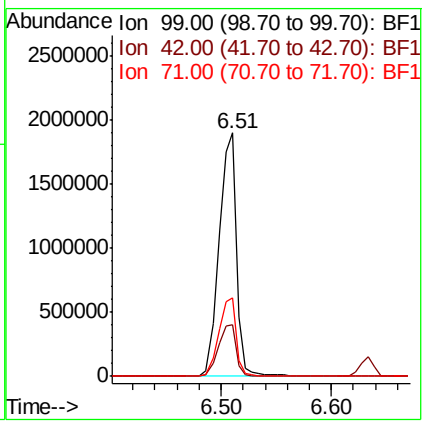


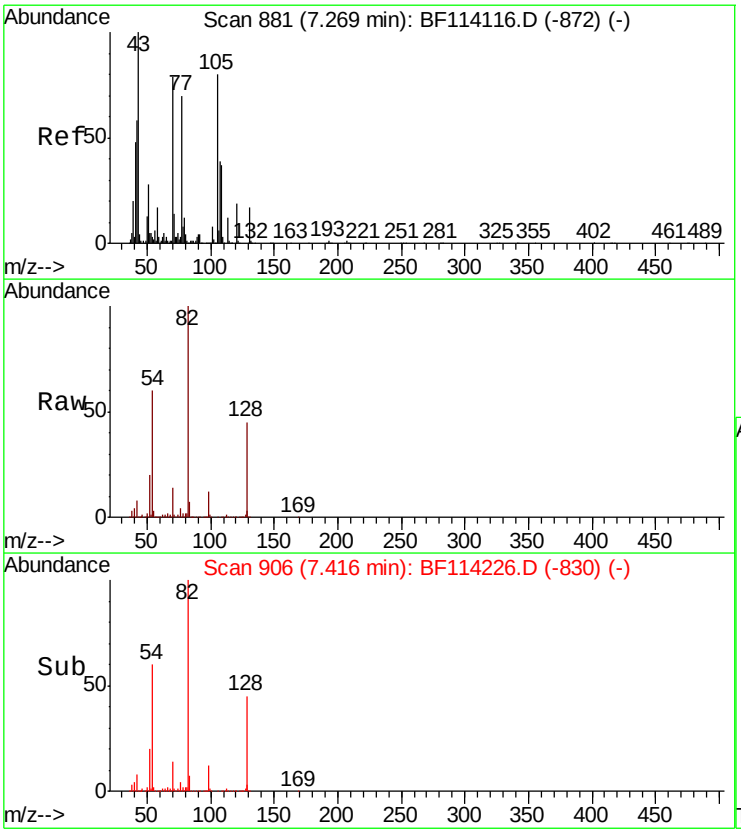
#7
Phenol-d6
Concen: 97.226 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 99 Resp: 2089207

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	32.4	26.2	39.2

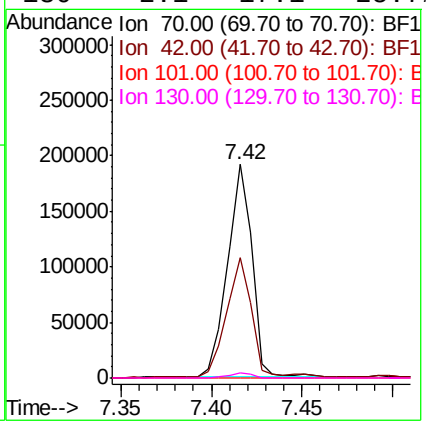


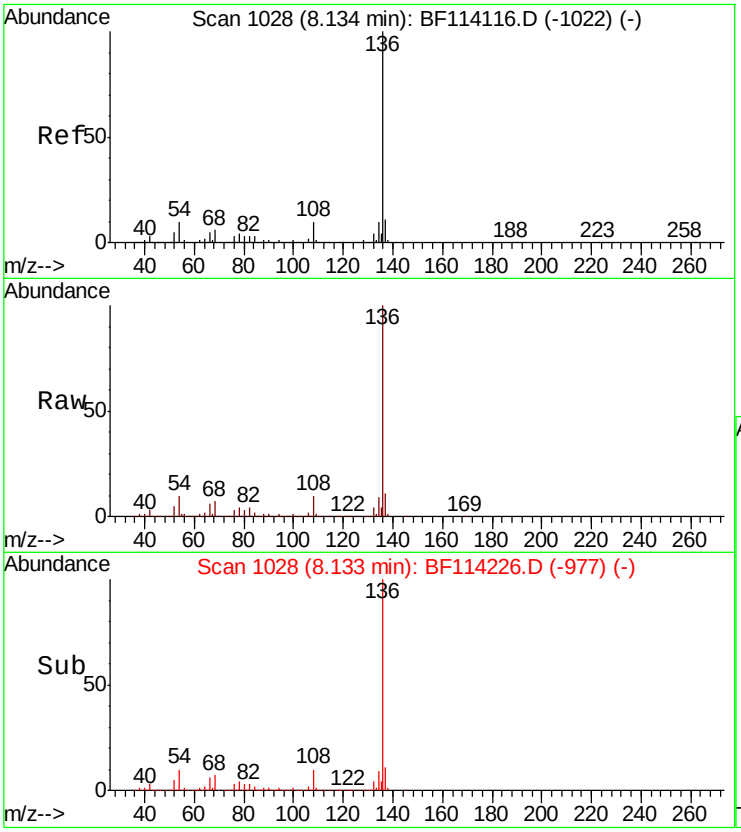


#19
n-Nitroso-di-n-propylamine
Concen: 13.379 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion: 70 Resp: 182221

Ion	Ratio	Lower	Upper
70	100		
42	56.3	58.6	87.8#
101	0.0	7.8	11.8#
130	2.1	17.1	25.7#



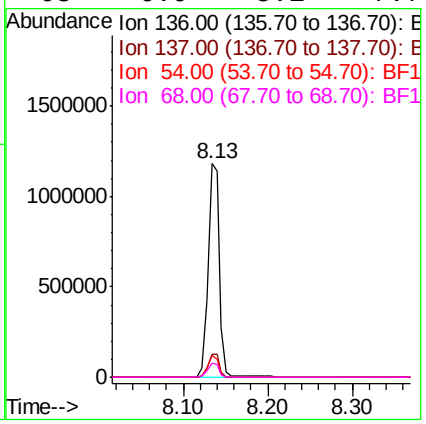


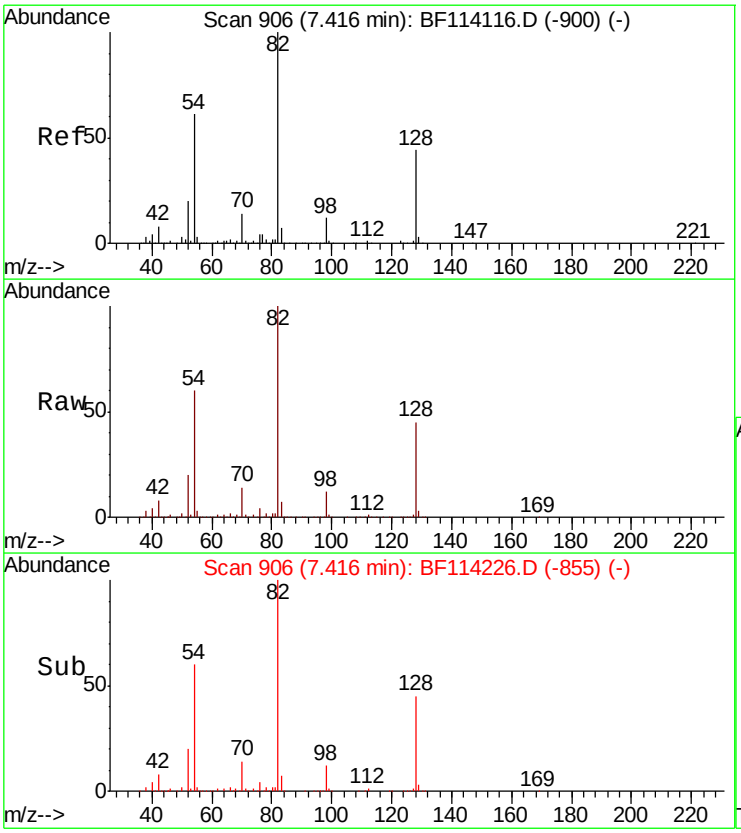
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:136 Resp: 1119906

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	7.8	11.8
68	6.9	5.1	7.7

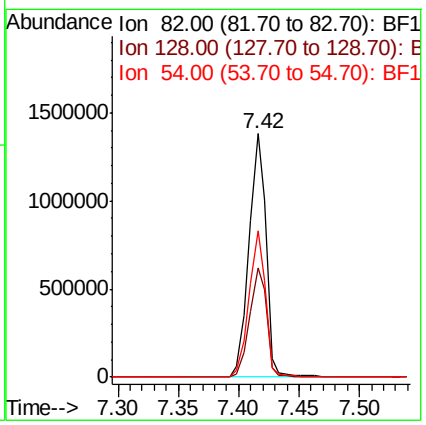


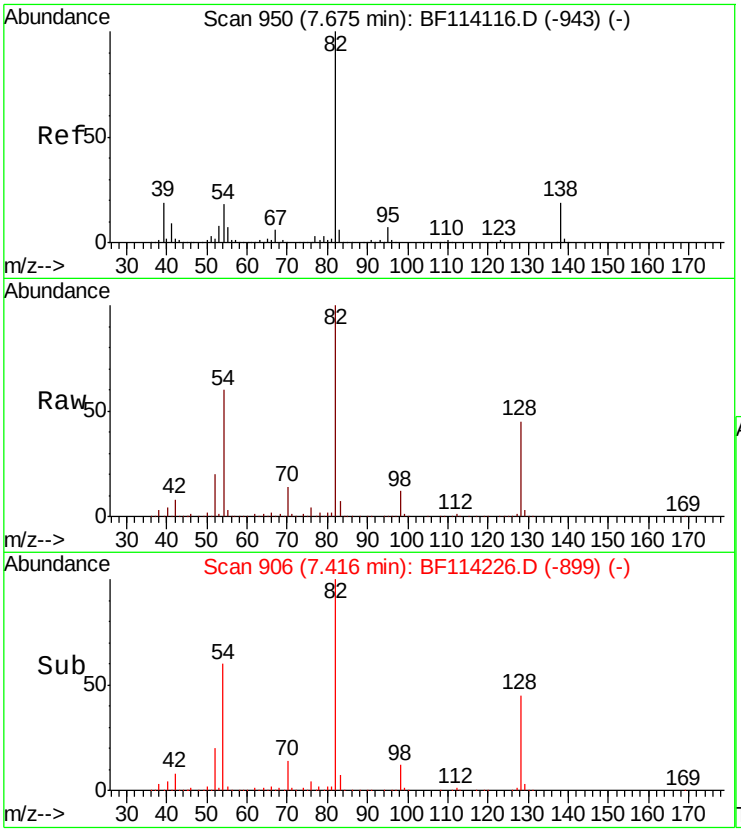


#23
Nitrobenzene-d5
Concen: 68.613 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion: 82 Resp: 1369201

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	60.0	48.5	72.7



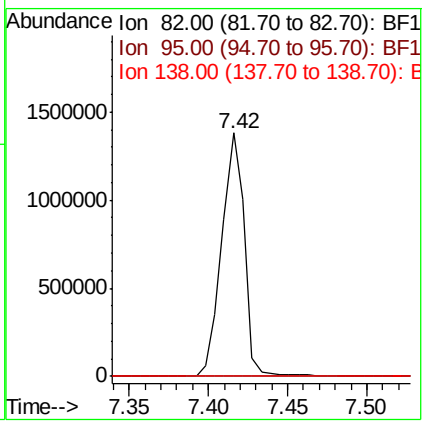


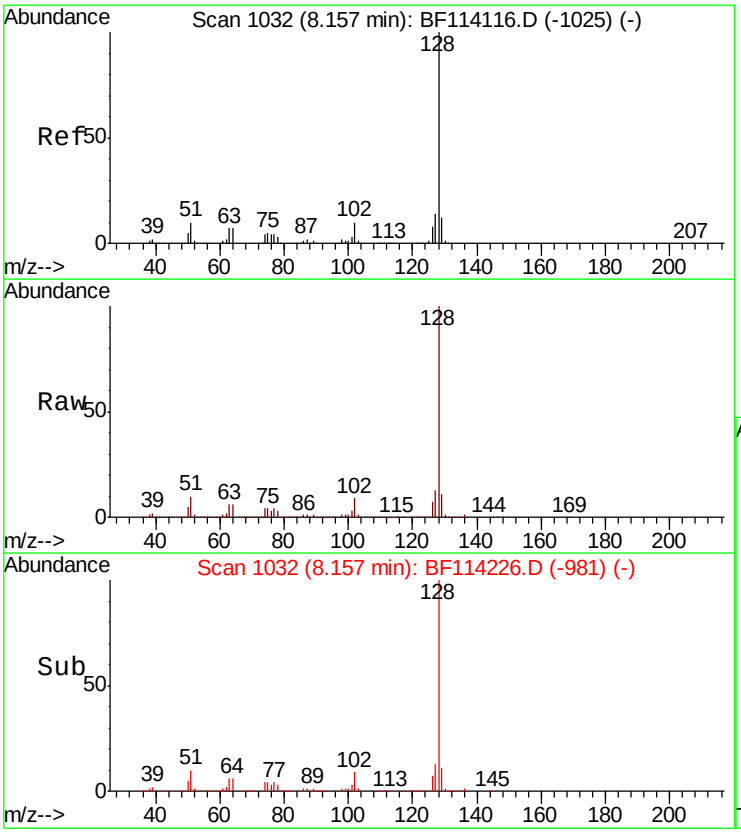
#25
Isophorone
Concen: 36.938 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion: 82 Resp: 1367077

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

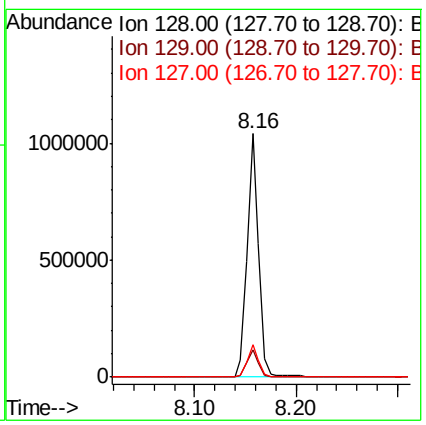


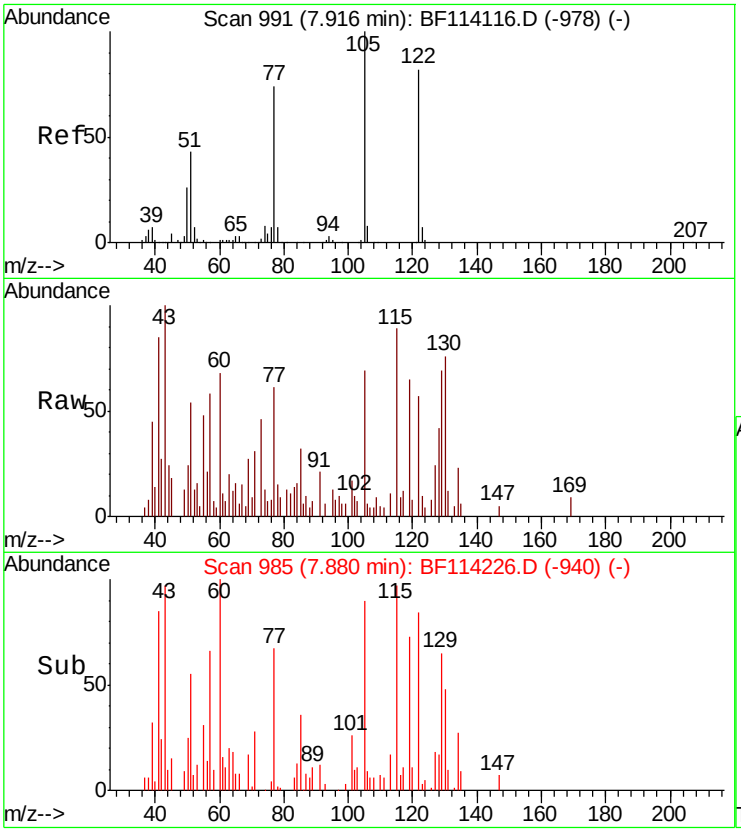


#31
Naphthalene
Concen: 15.677 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:128 Resp: 820089

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.3	11.3	16.9



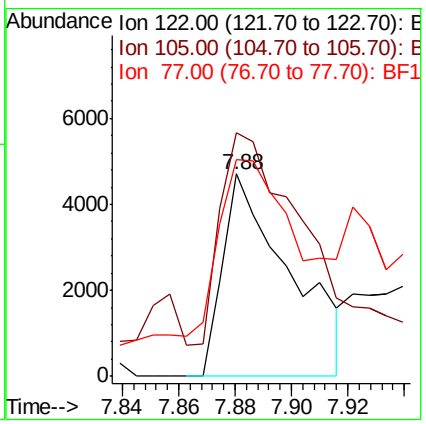


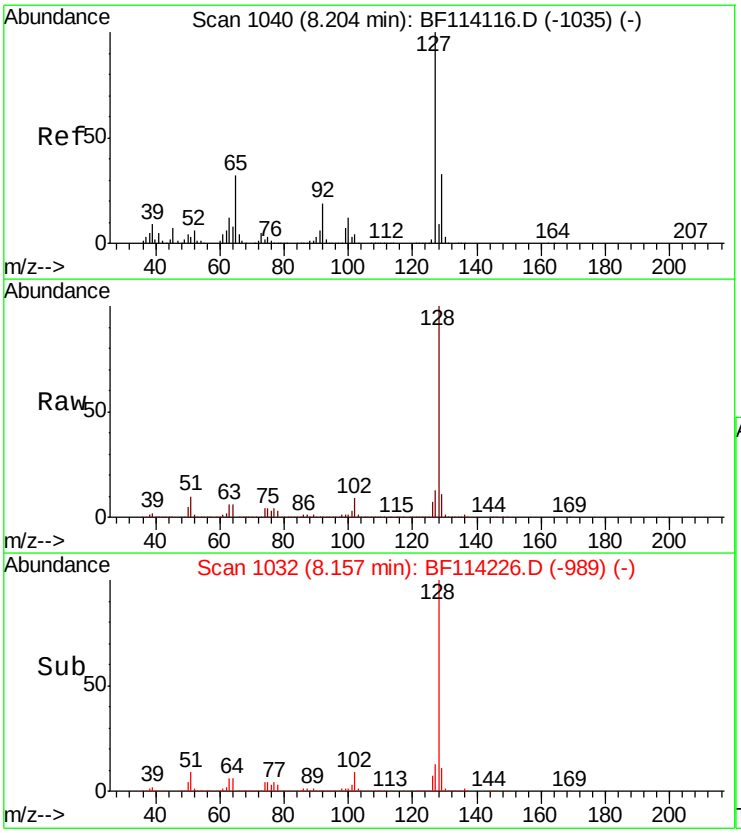
#32
Benzoic acid
Concen: 7.617 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:122 Resp: 7717

Ion	Ratio	Lower	Upper
122	100		
105	120.5	99.9	139.9
77	107.5	69.4	109.4

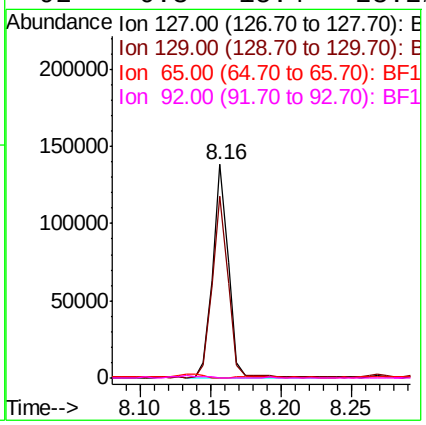


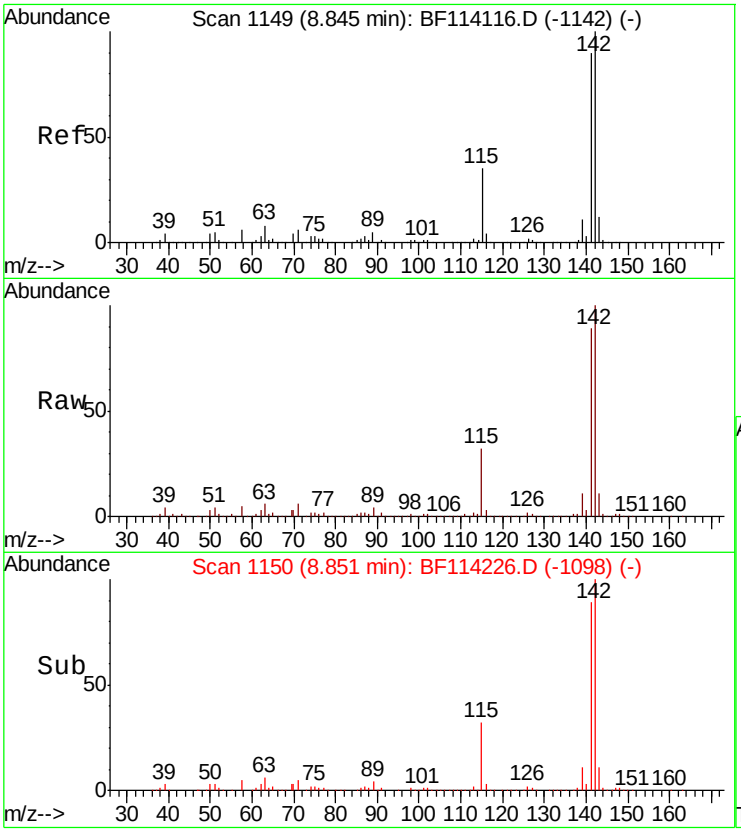


#33
4-Chloroaniline
Concen: 4.543 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:127 Resp: 108296

Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.7	40.1#
65	0.0	25.4	38.0#
92	0.3	15.4	23.2#



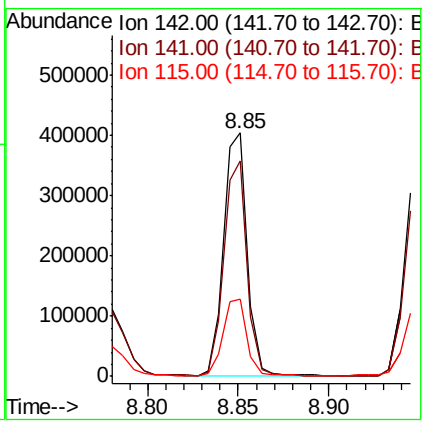


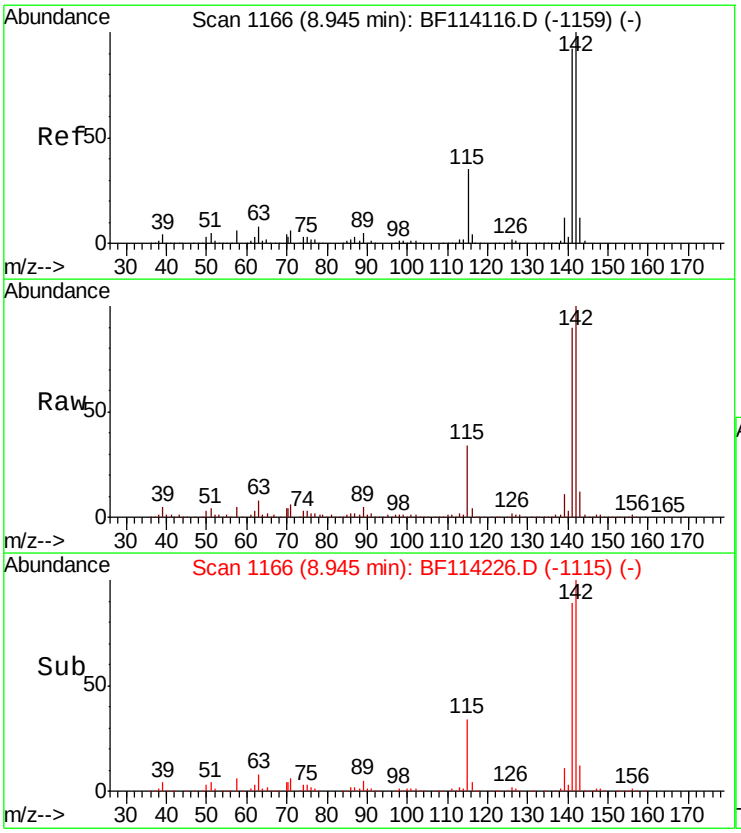
#37
2-Methylnaphthalene
Concen: 10.829 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:142 Resp: 365510

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	32.0	28.0	42.0

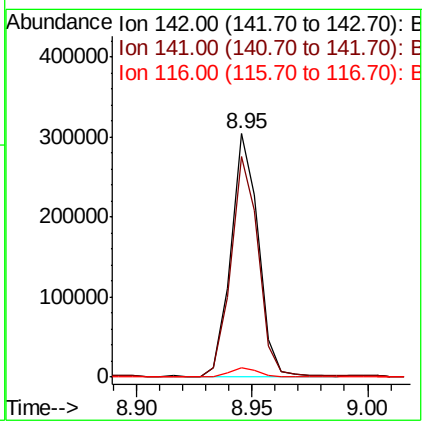


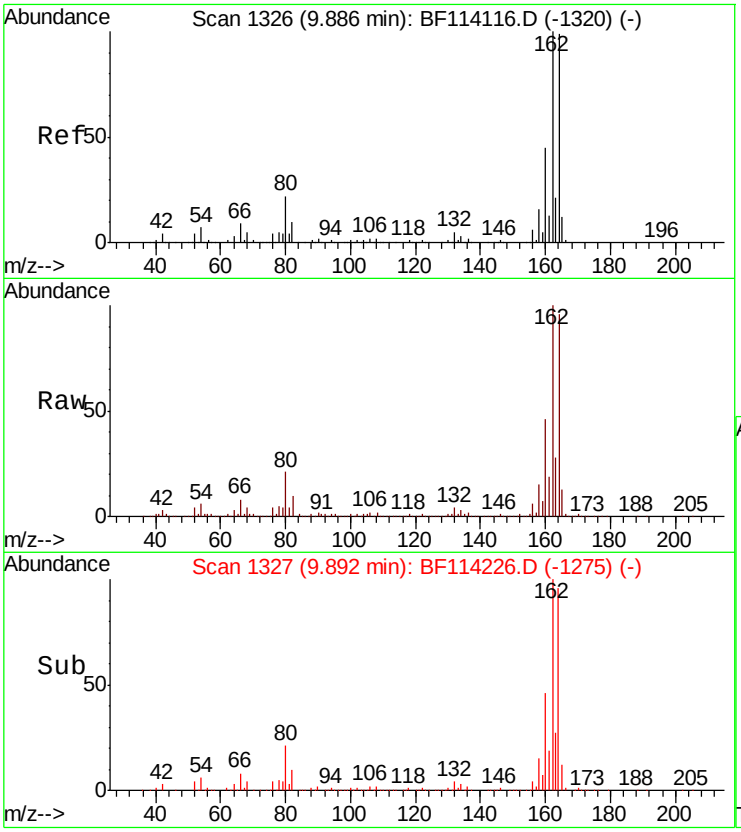


#38
1-Methylnaphthalene
Concen: 7.850 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:142 Resp: 249511

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.4	110.0
116	3.7	3.1	4.7



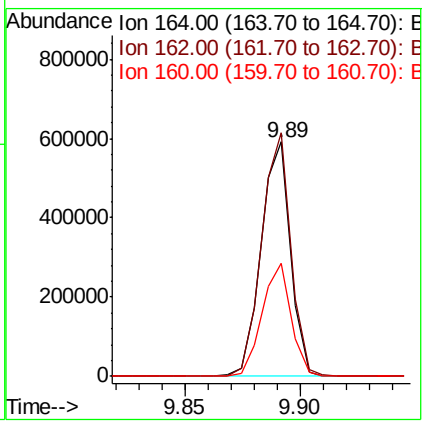


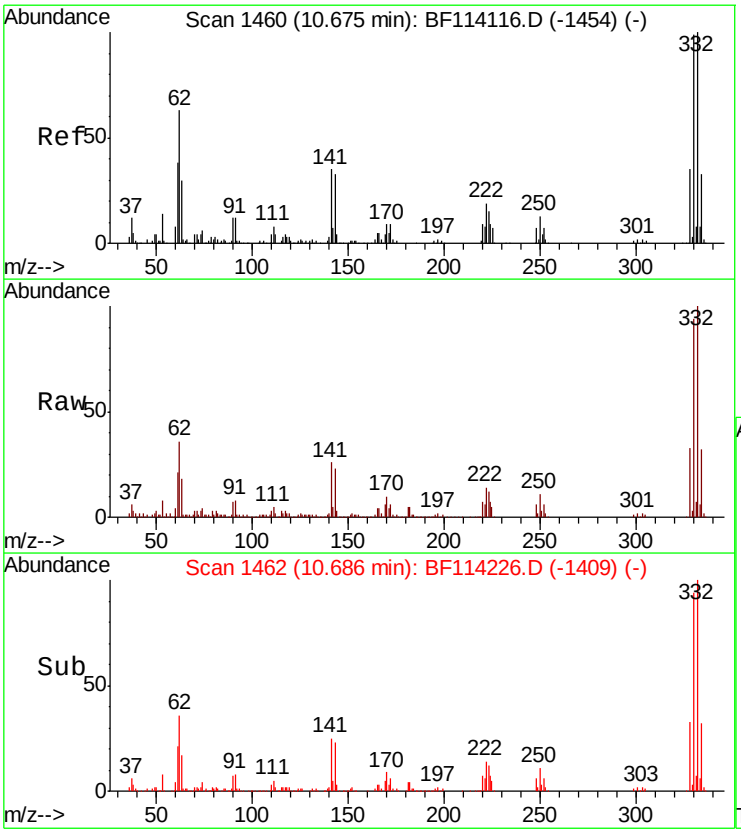
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:164 Resp: 525303

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	48.1	36.5	54.7

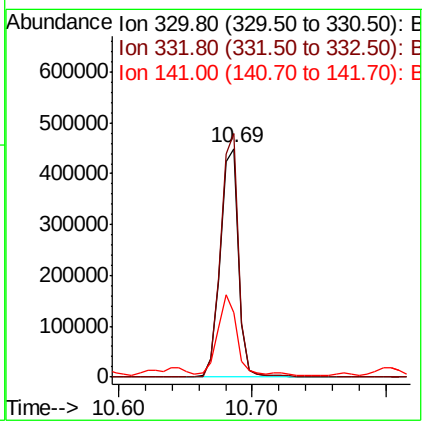


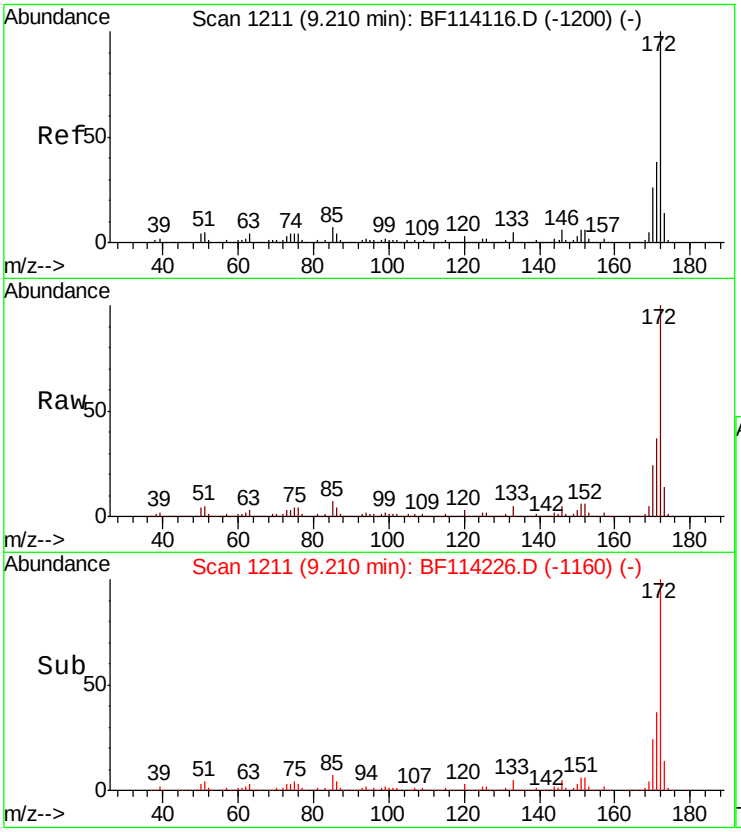


#42
2,4,6-Tribromophenol
Concen: 80.443 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:330 Resp: 436867

Ion	Ratio	Lower	Upper
330	100		
332	104.8	81.4	122.2
141	34.9	26.6	40.0



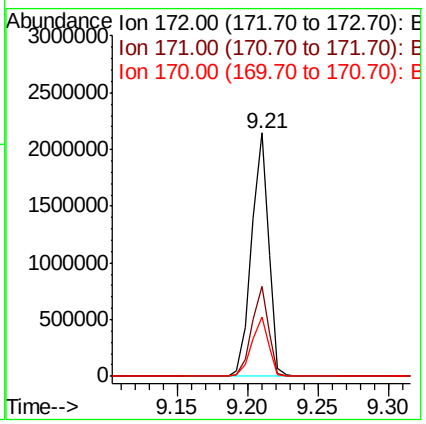


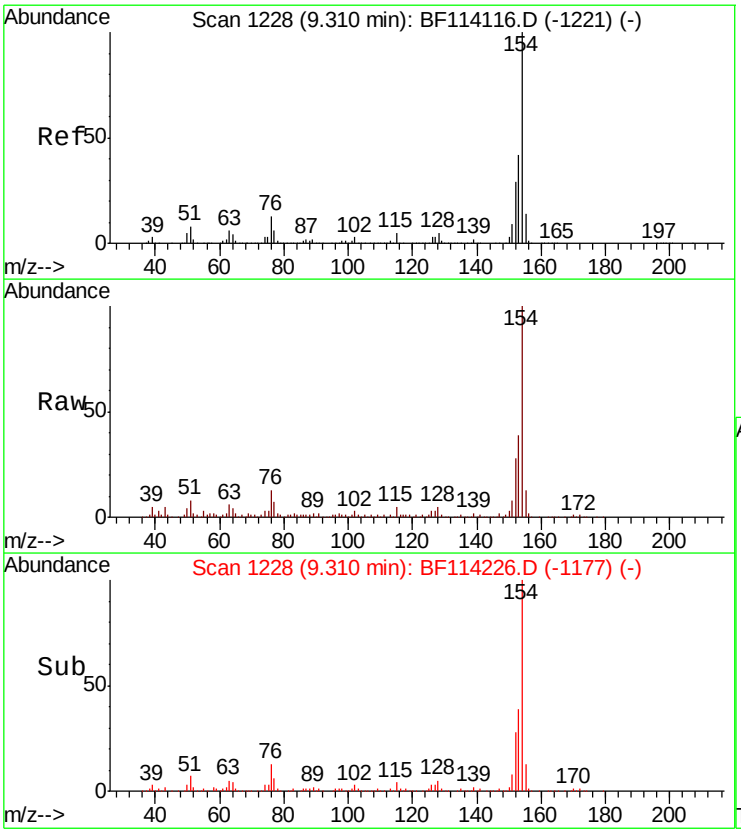
#45
2-Fluorobiphenyl
Concen: 52.861 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:172 Resp: 1835697

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.4	20.5	30.7

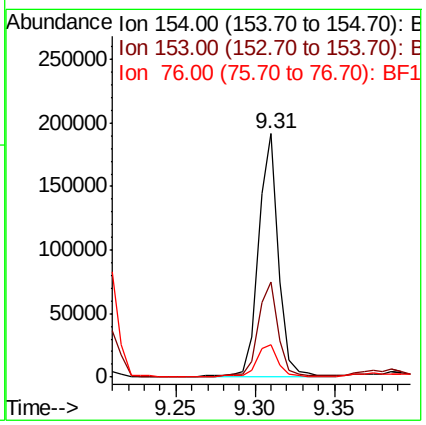


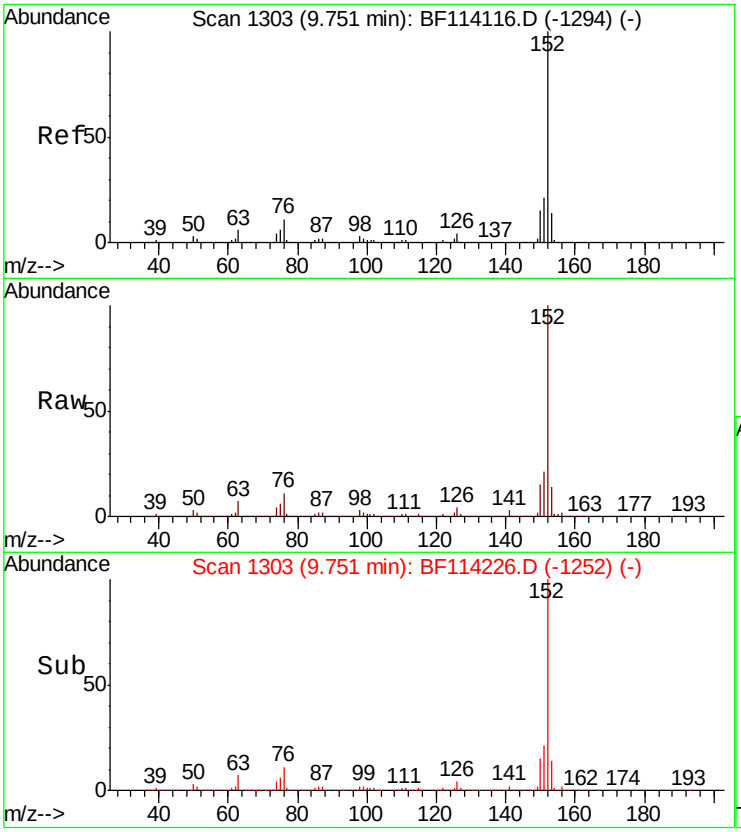


#46
1,1'-Biphenyl
Concen: 3.916 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:154 Resp: 166197

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.9	61.9
76	13.1	0.0	32.8



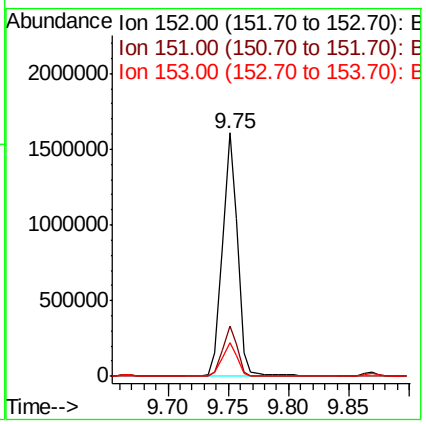


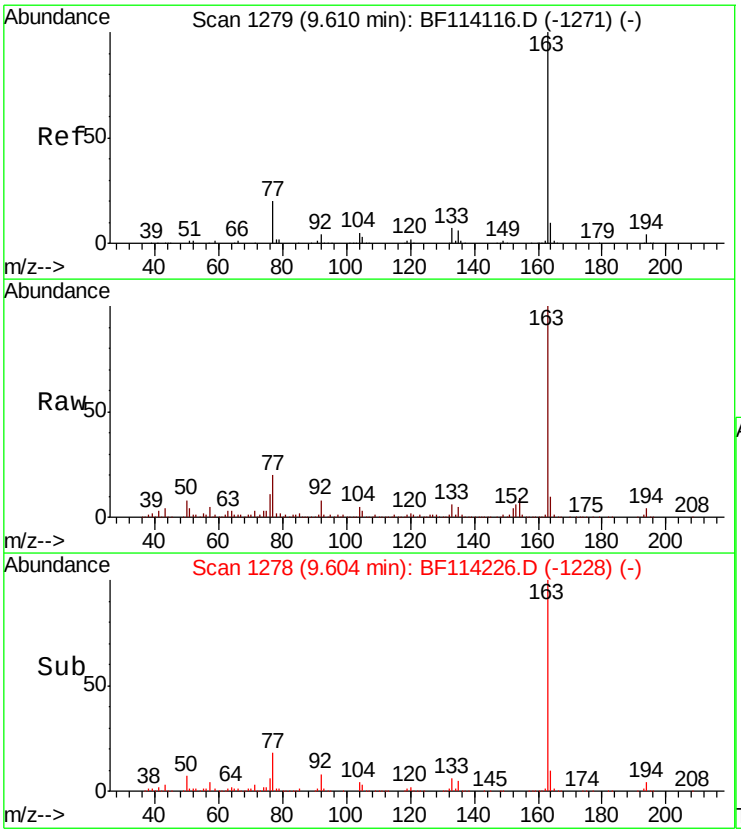
#49
Acenaphthylene
Concen: 26.677 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:152 Resp: 1385724

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.7	11.4	17.2

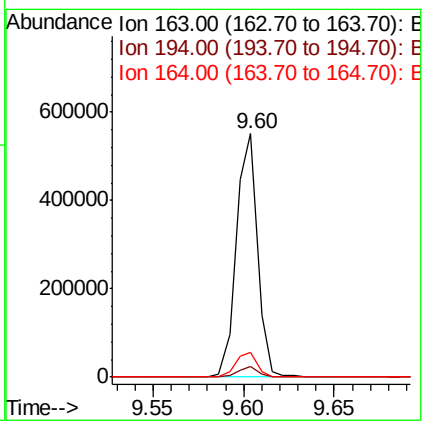


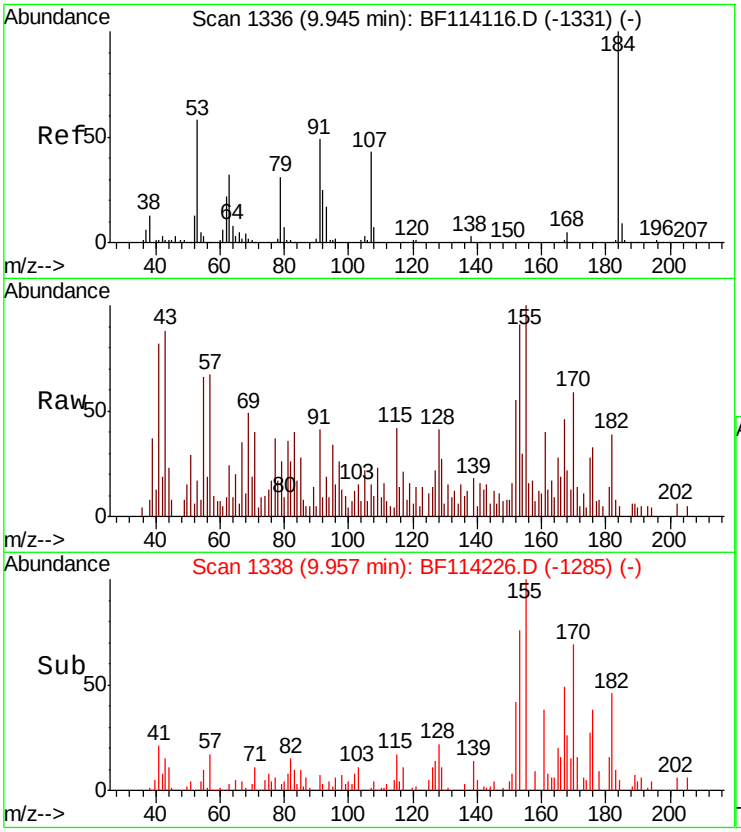


#50
Dimethylphthalate
Concen: 11.495 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:163 Resp: 443260

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.2	12.2



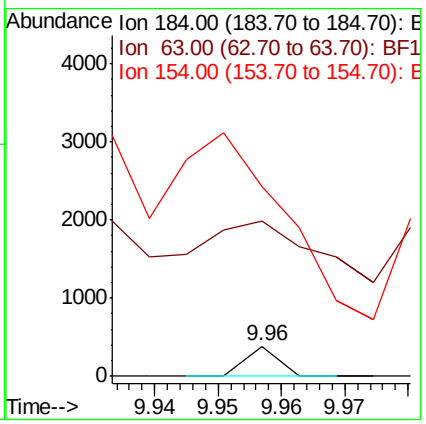


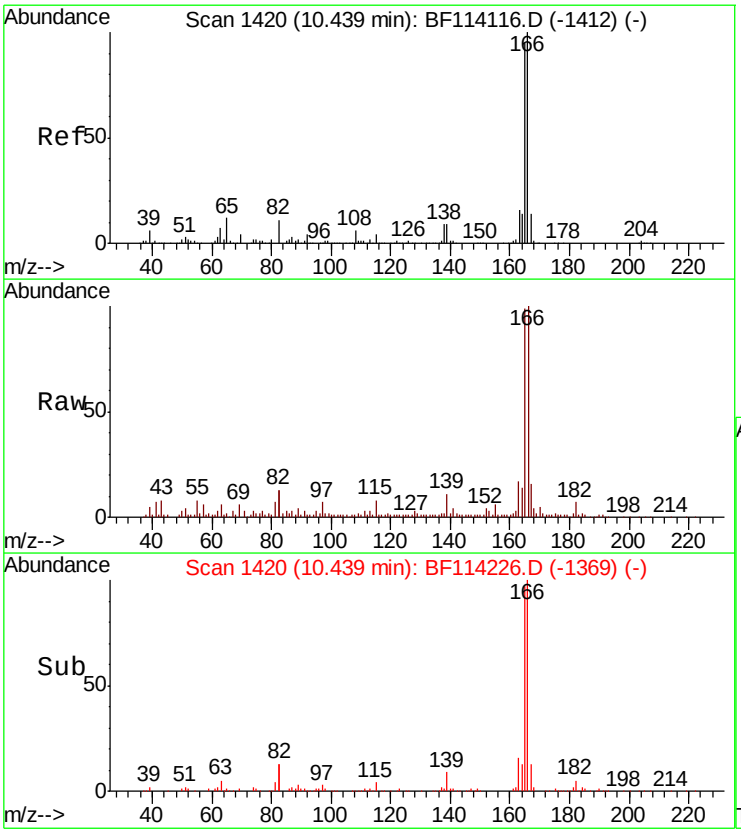
#54
2,4-Dinitrophenol
Concen: 6.774 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:184 Resp: 137

Ion	Ratio	Lower	Upper
184	100		
63	512.4	55.6	83.4#
154	626.0	46.0	69.0#

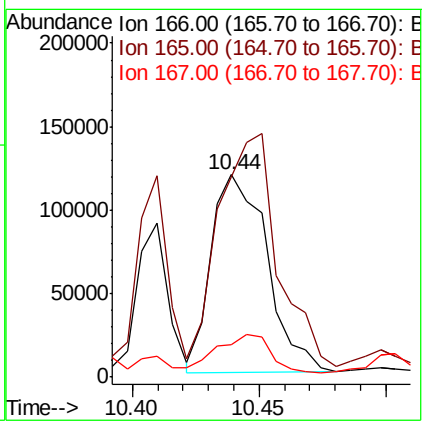


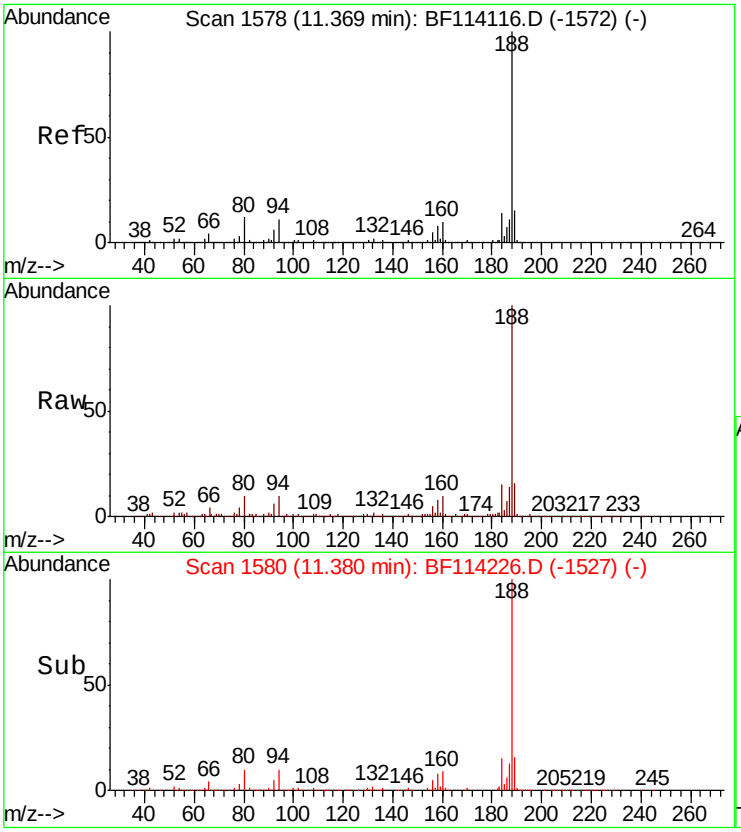


#58
Fluorene
Concen: 5.043 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:166 Resp: 182070

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.1	114.1
167	16.2	11.1	16.7



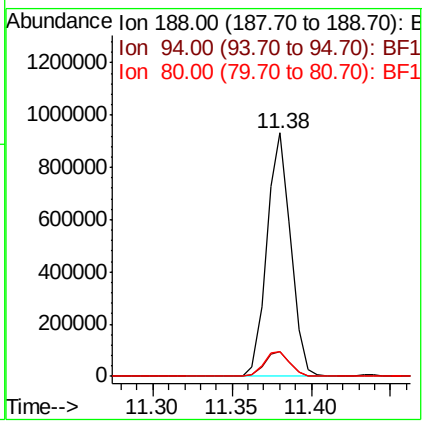


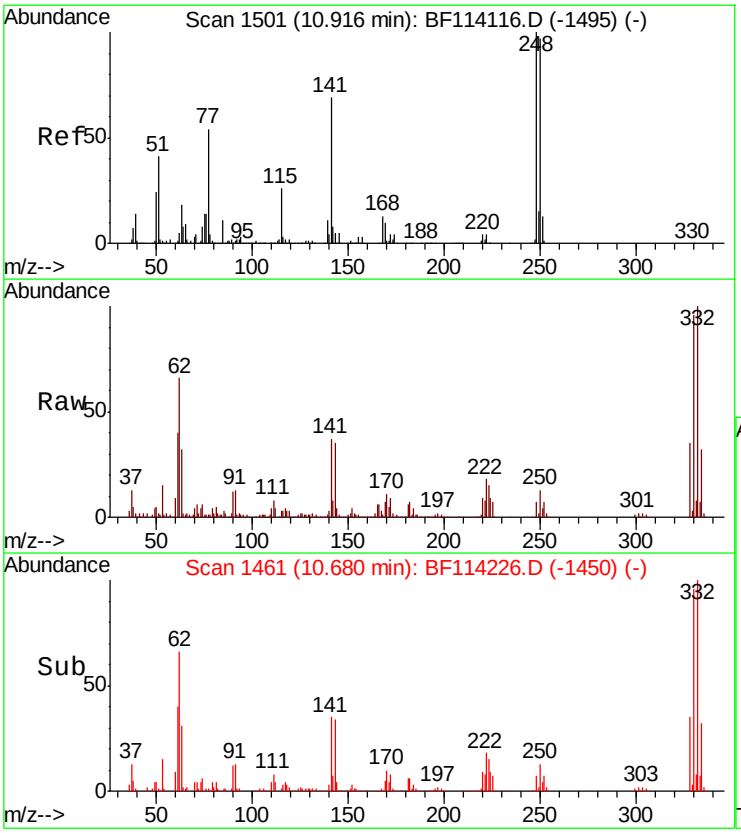
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:188 Resp: 973697

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

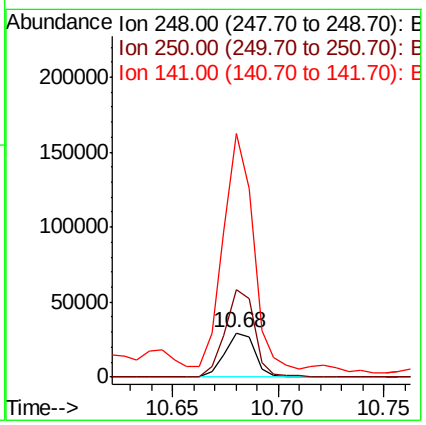


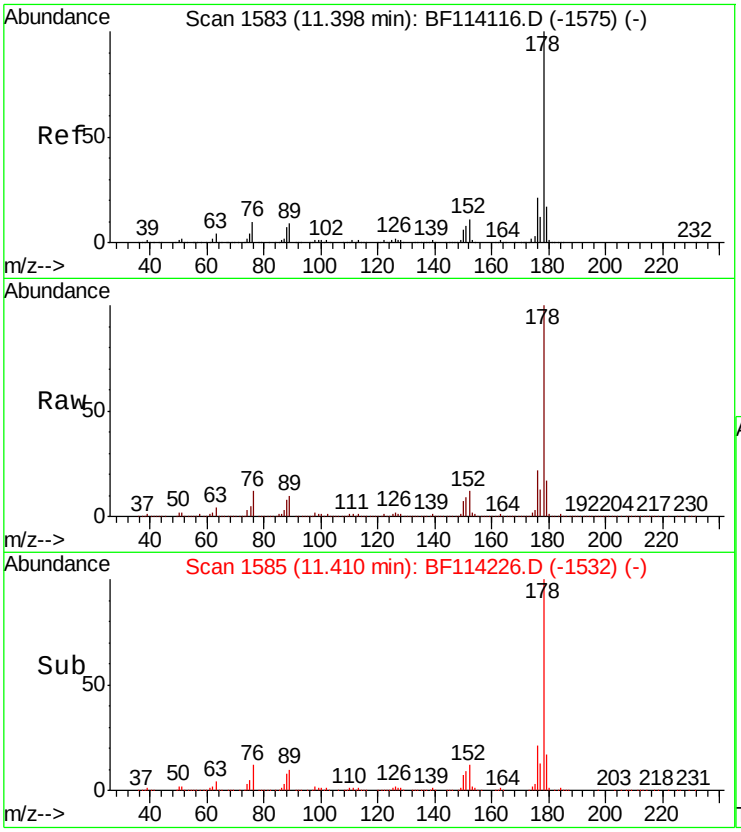


#67
4-Bromophenyl-phenylether
Concen: 2.695 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:248 Resp: 28897

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.4	116.2#
141	549.3	55.6	83.4#



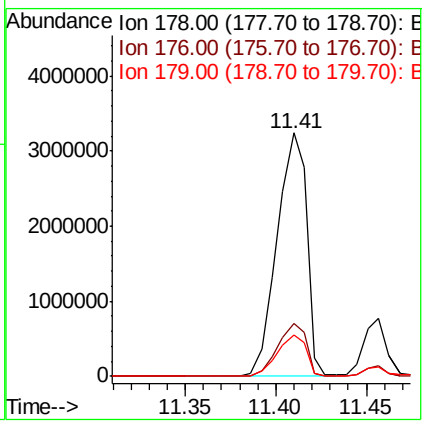


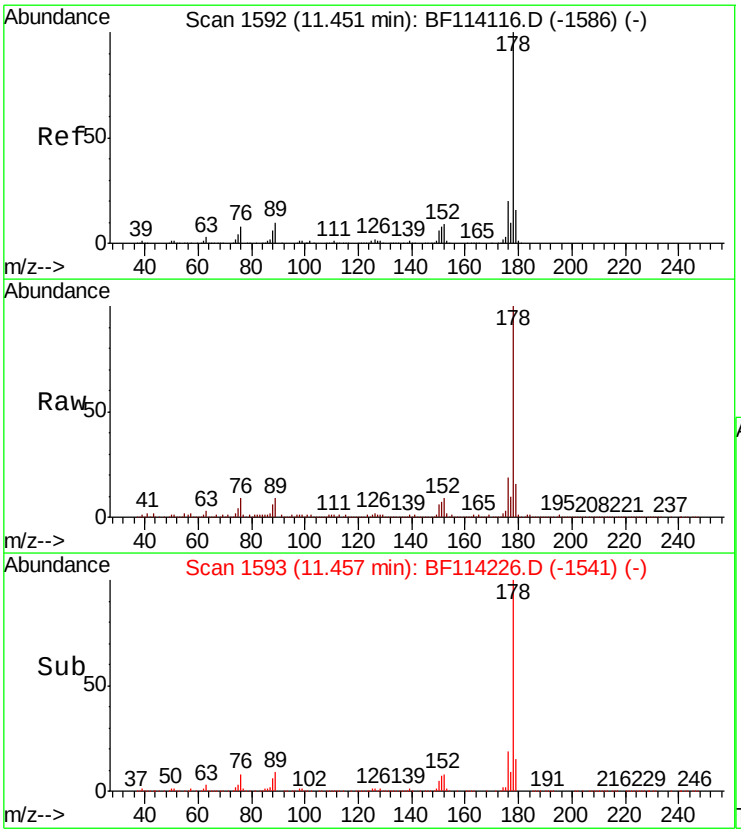
#71
Phenanthrene
Concen: 77.928 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:178 Resp: 3691572

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.4	24.6
179	17.1	13.2	19.8

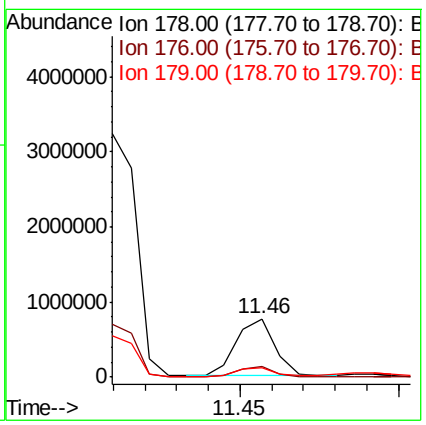


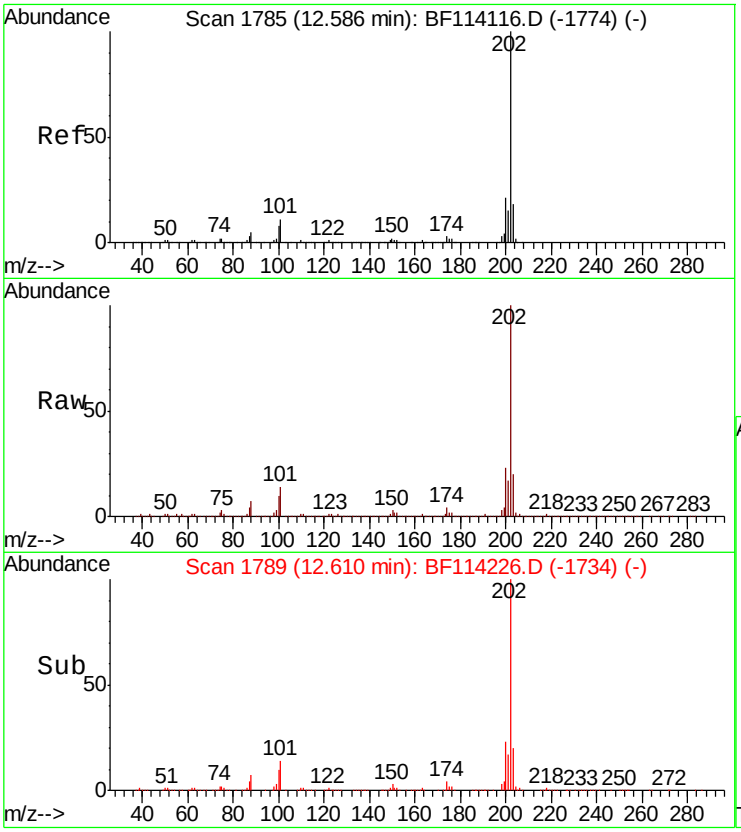


#72
Anthracene
Concen: 13.528 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:178 Resp: 643683

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	13.0	19.4



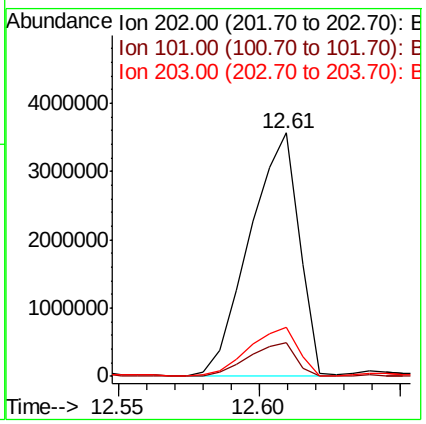


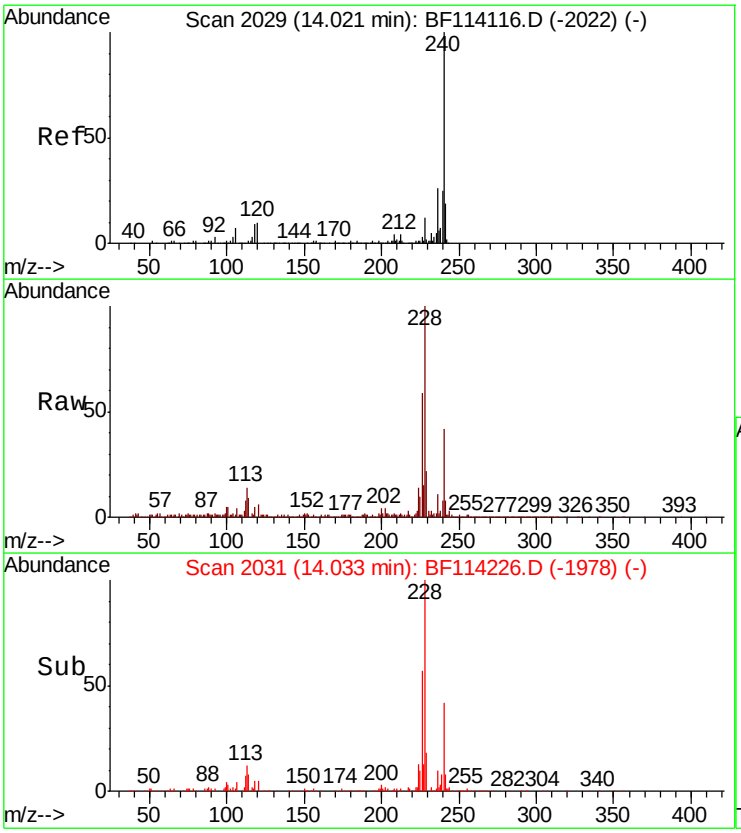
#75
Fluoranthene
Concen: 84.384 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:202 Resp: 4304714

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	31.0
203	20.2	0.0	38.4

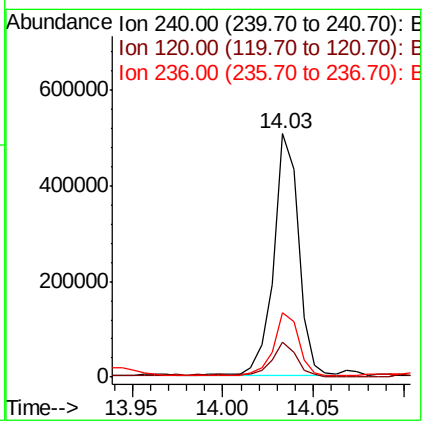


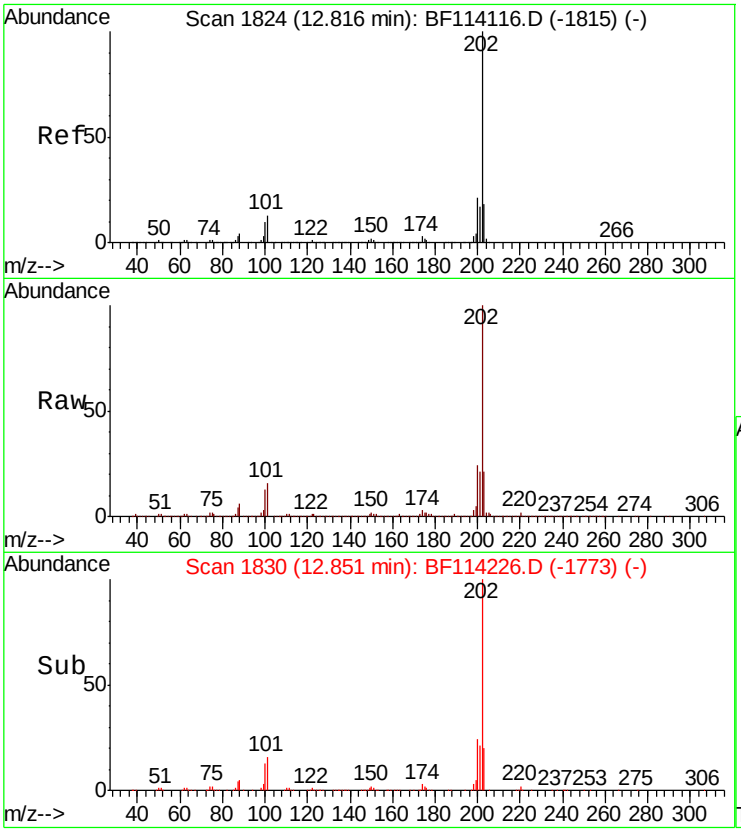


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:240 Resp: 481595

Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	26.6	20.8	31.2



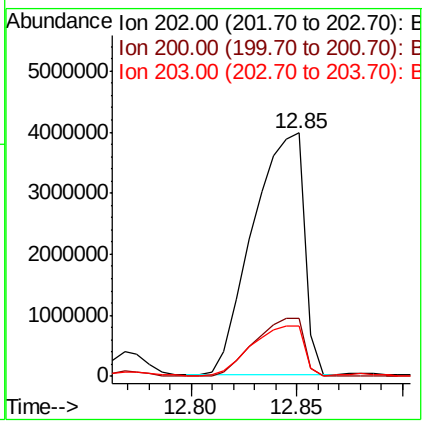


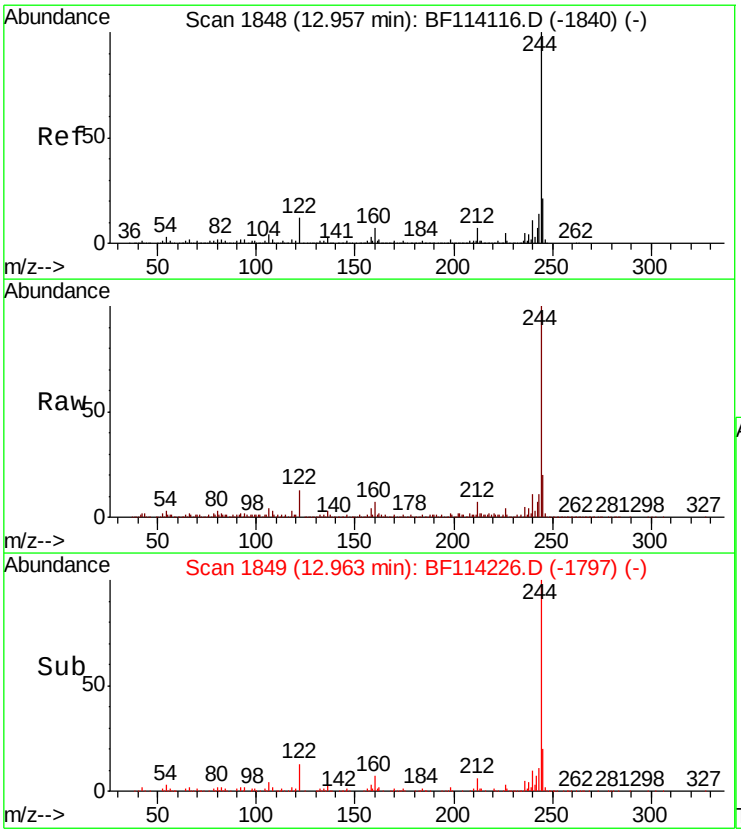
#78
Pyrene
Concen: 173.016 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.04 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:202 Resp: 6702969

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.9	25.3
203	20.7	14.5	21.7

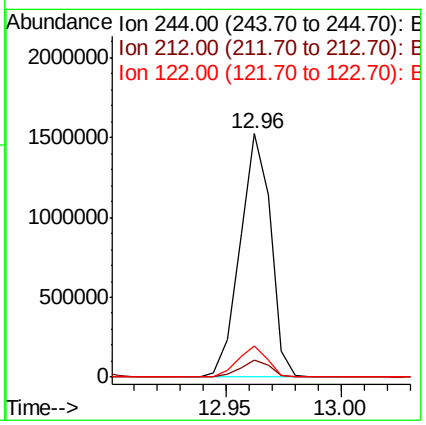


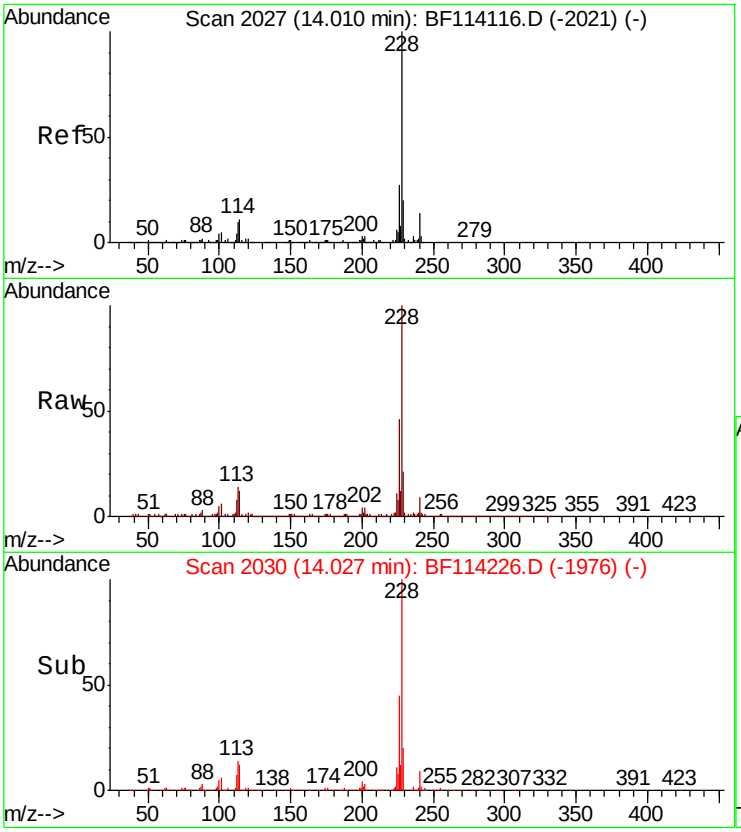


#79
Terphenyl-d14
Concen: 60.264 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:244 Resp: 1407901

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.9	9.4	14.2



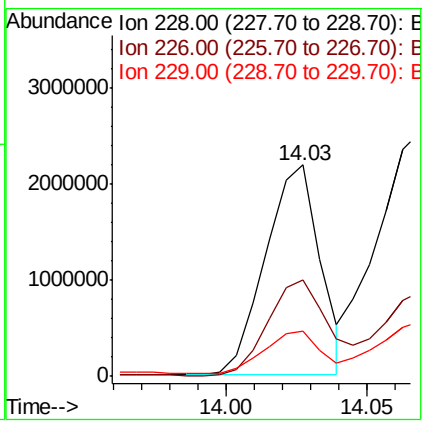


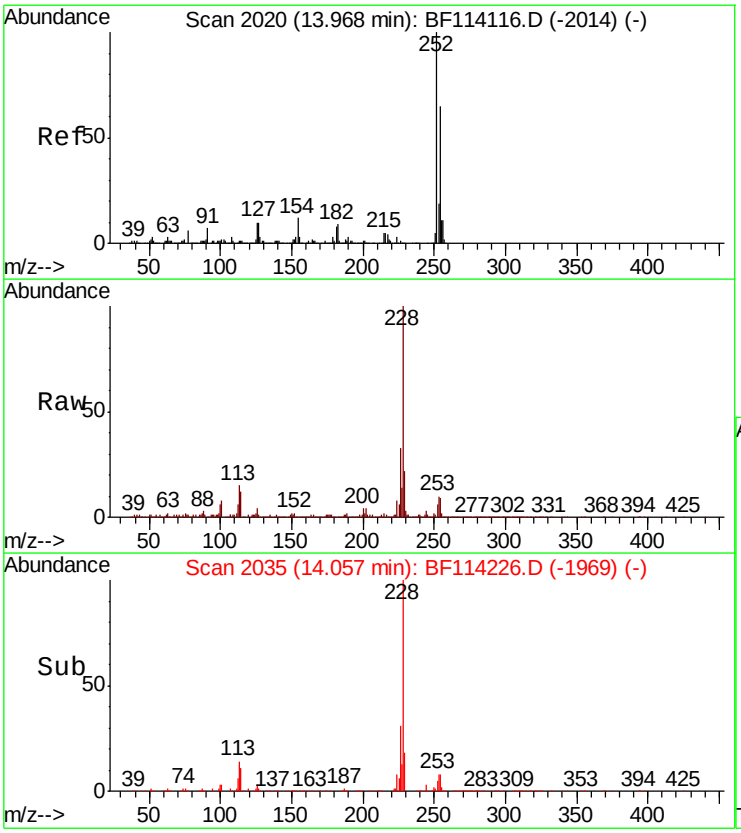
#81
Benzo(a)anthracene
Concen: 94.418 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:228 Resp: 2941043

Ion	Ratio	Lower	Upper
228	100		
226	45.7	22.2	33.2#
229	21.3	16.4	24.6

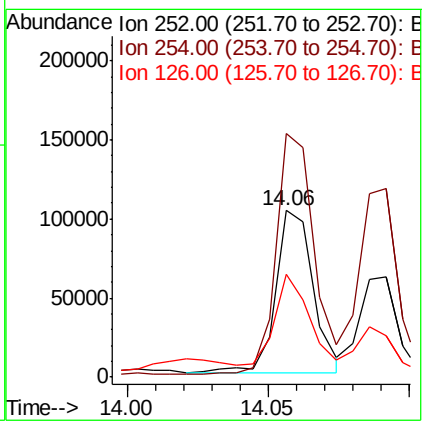


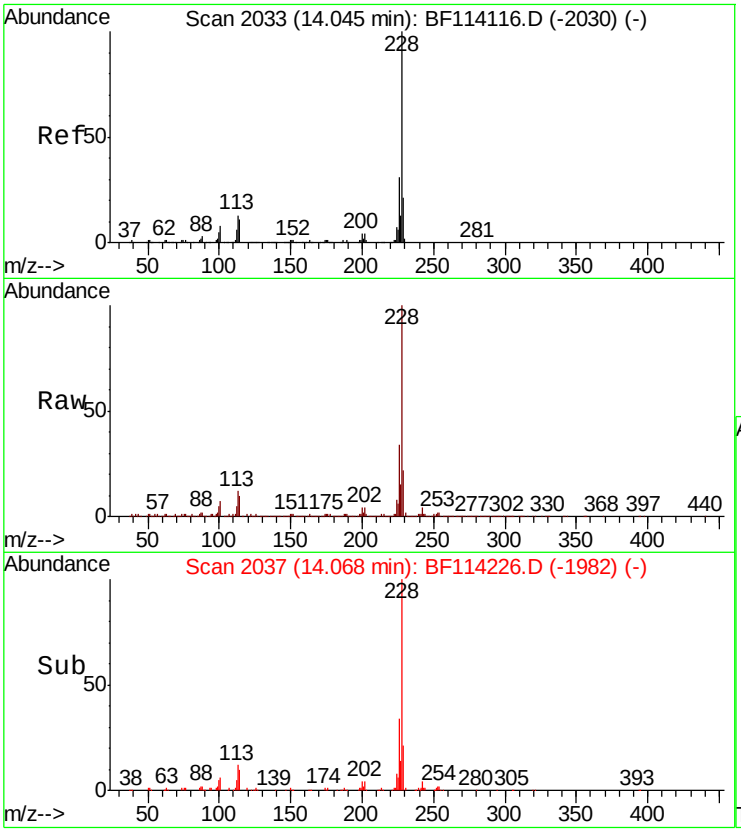


#82
3,3'-Dichlorobenzidine
Concen: 7.792 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.09 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:252 Resp: 94154

Ion	Ratio	Lower	Upper
252	100		
254	146.4	51.9	77.9#
126	61.7	7.9	11.9#



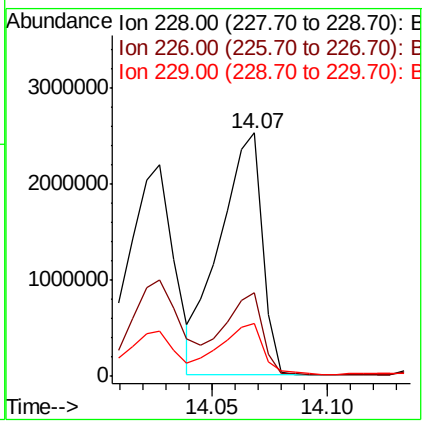


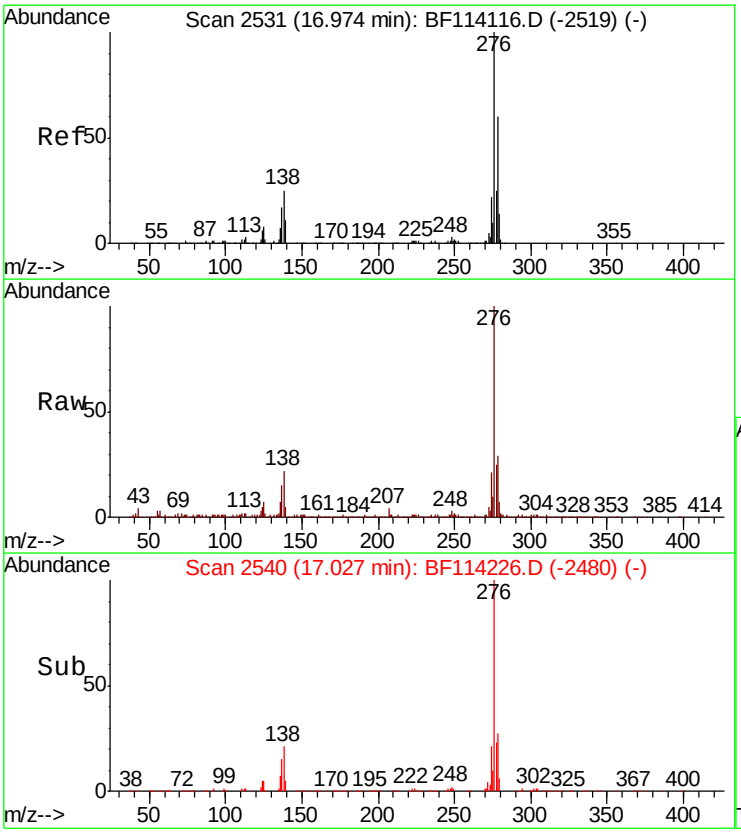
#83
Chrysene
Concen: 105.956 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:228 Resp: 3235378

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	21.6	17.0	25.6

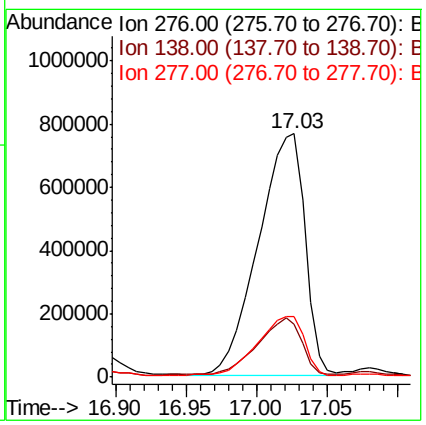


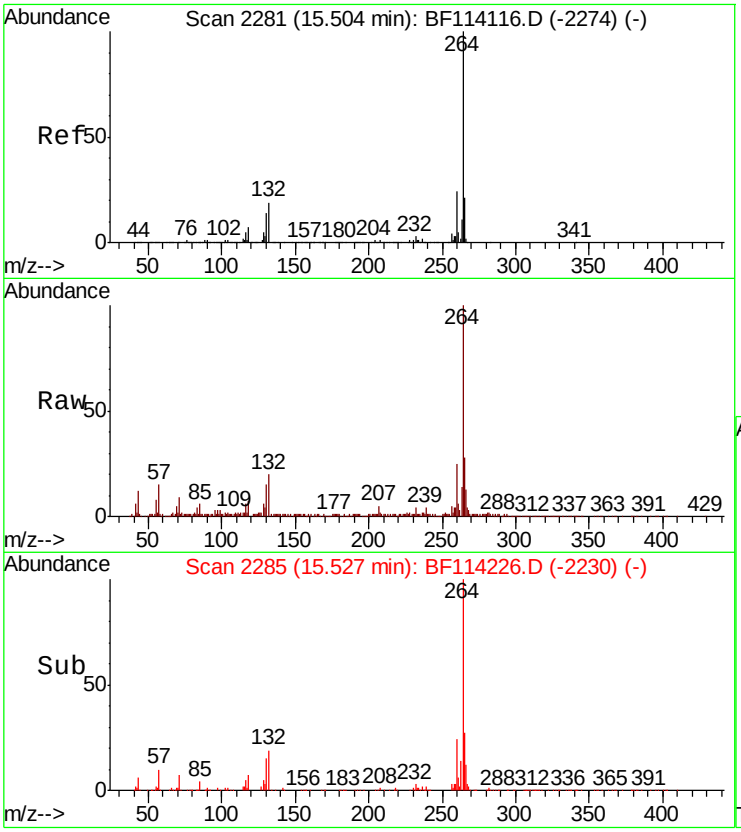


#86
Indeno(1,2,3-cd)pyrene
Concen: 65.197 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.05 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:276 Resp: 1759433

Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.2	30.2
277	24.6	20.0	30.0



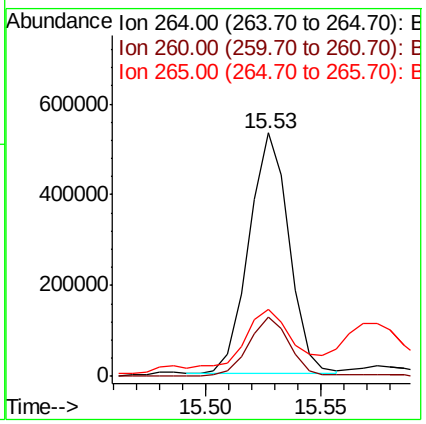


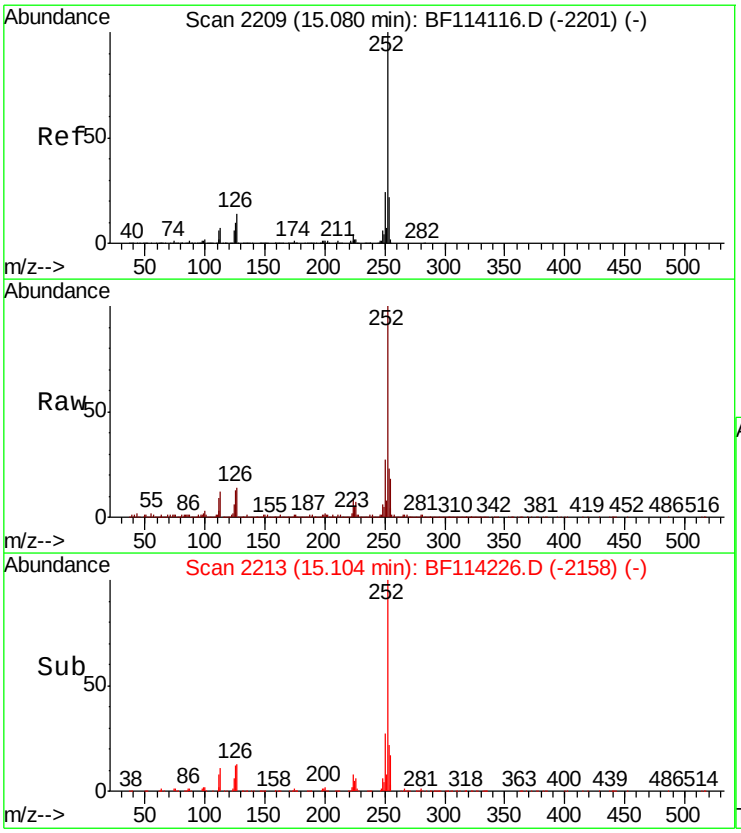
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:264 Resp: 643919

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	27.7	16.9	25.3#

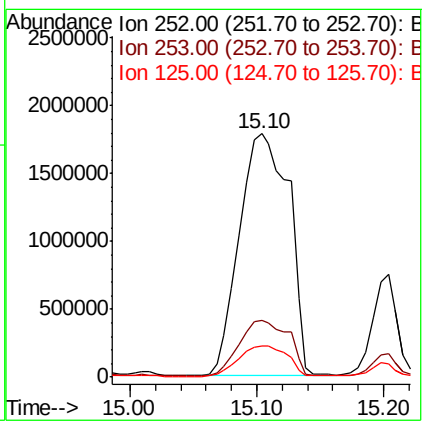


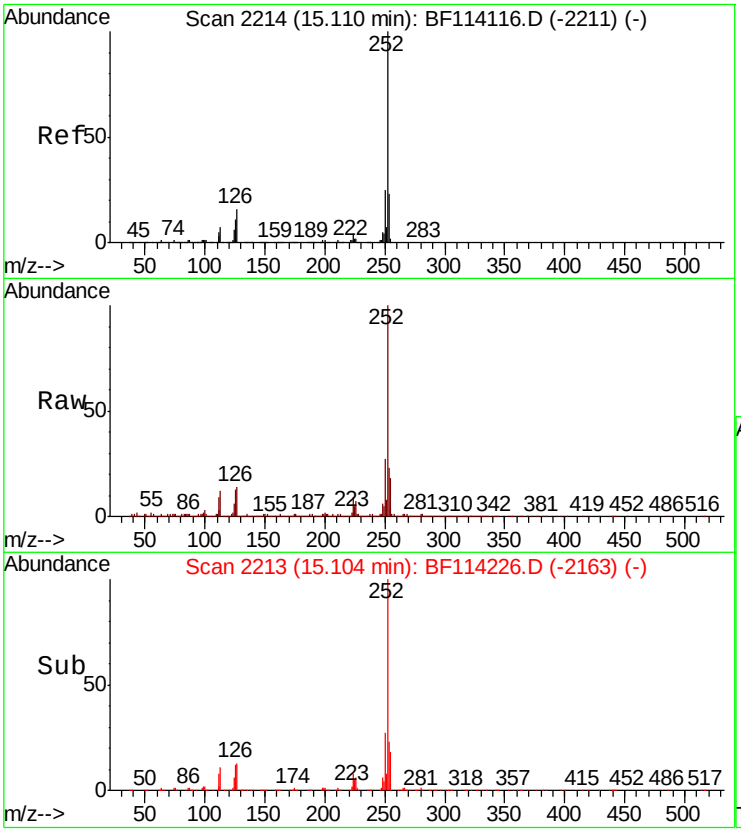


#88
Benzo(b)fluoranthene
Concen: 117.789 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:252 Resp: 4859175

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.8	8.3	12.5#



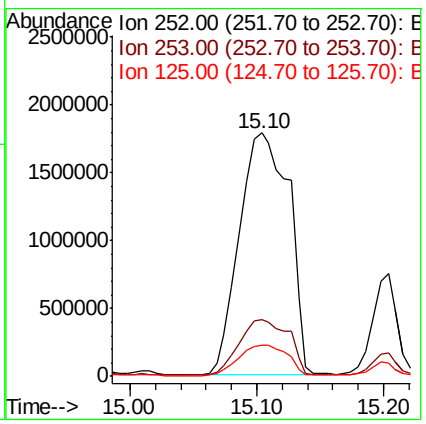


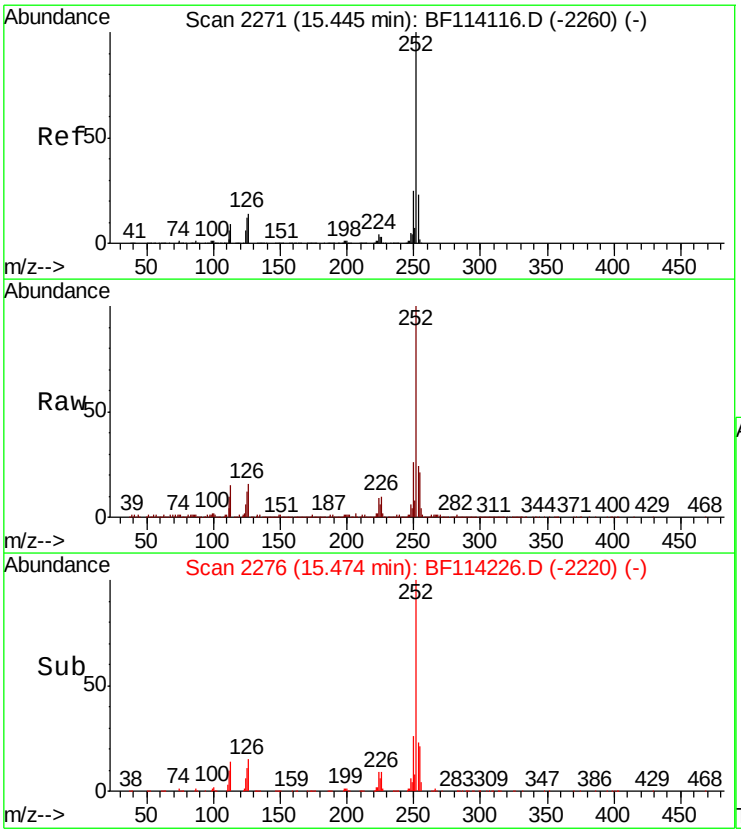
#89
Benzo(k)fluoranthene
Concen: 128.227 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:252 Resp: 4859175

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.8	8.6	13.0

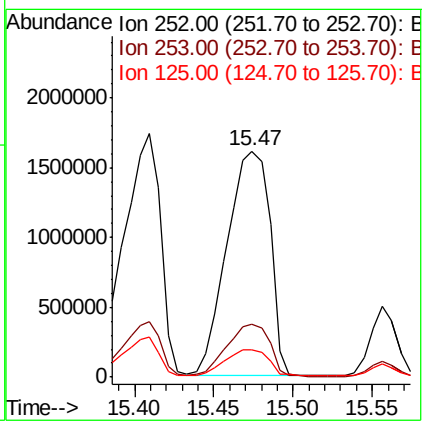


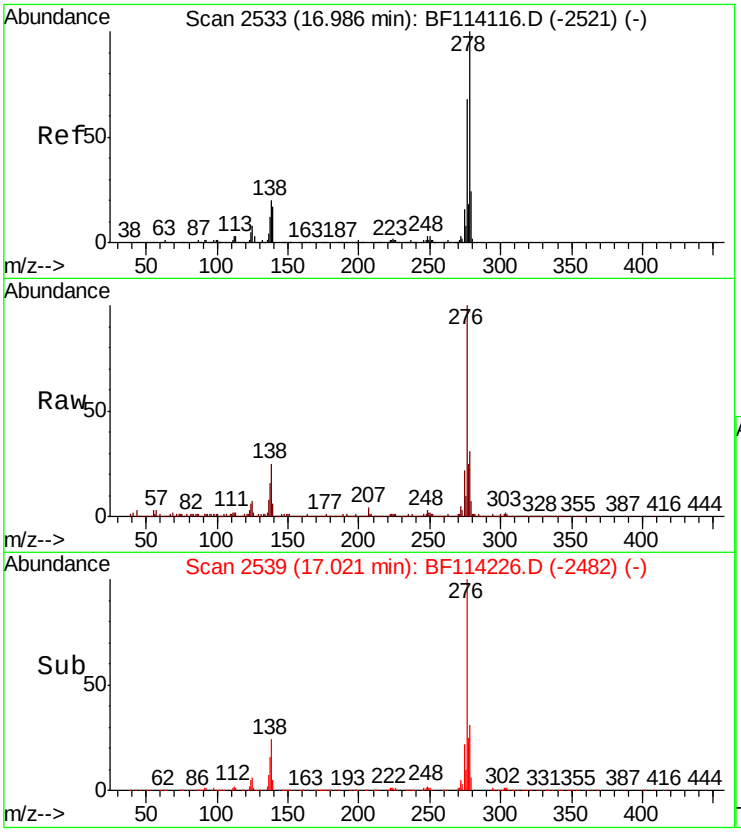


#90
Benzo(a)pyrene
Concen: 83.559 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:252 Resp: 3033712

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.0	9.5	14.3



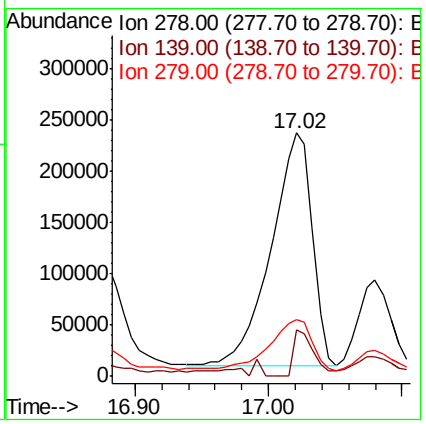


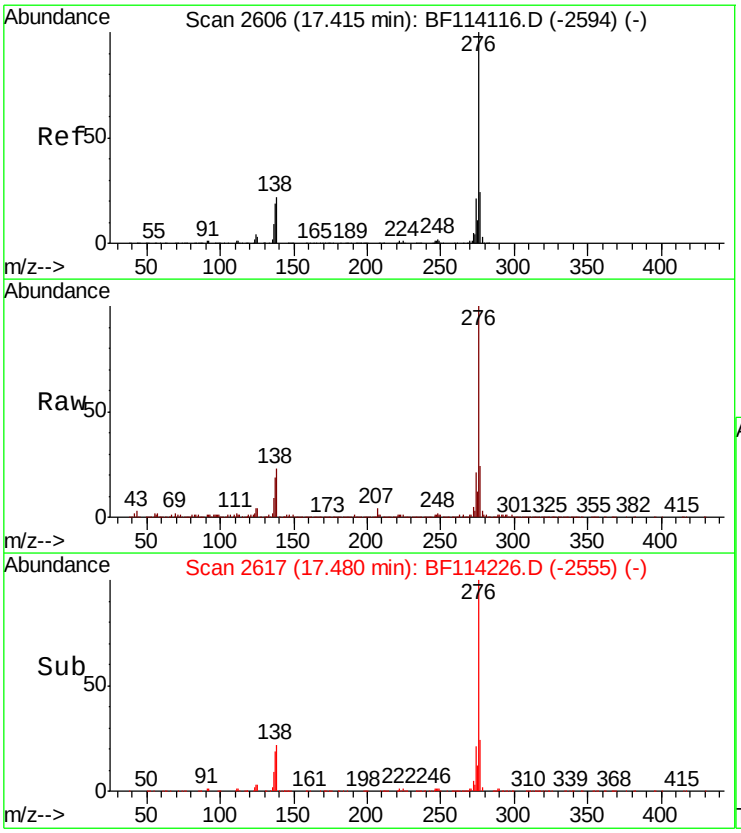
#91
Dibenzo(a,h)anthracene
Concen: 16.088 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.04 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01

Tgt Ion:278 Resp: 485363

Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.5	20.3
279	23.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 64.722 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.06 min
Lab File: BF114226.D
Acq: 13 May 2019 14:05

Tgt Ion:276 Resp: 1956771

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.6	17.8	26.6