Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112160.D
Acq On : 21 Jan 2019 15:56
Operator : JU/SJ
Sample : K1013-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-A

Quant Time: Jan 21 17:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	223999	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	776547	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	301984	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	540789	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	519882	20.00	ng		0.00
87) Perylene-d12	15.49	264	388822	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	322194	26.11	ng		0.00
7) Phenol-d6	6.49	99	388751	25.18	ng		-0.01
23) Nitrobenzene-d5	7.41	82	207217	18.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.68	330	76960	23.62	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	412810	20.04	ng		0.00
79) Terphenyl-d14	12.96	244	416412	17.04	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	724	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.41	70	28468	3.026	ng	#	77
25) Isophorone	7.41	82	207215	9.545	ng	#	64
31) Naphthalene	8.16	128	86623	2.453	ng		99
32) Benzoic acid	7.93	122	253	7.228	ng	#	37
51) 2,6-Dinitrotoluene	9.89	165	42460	9.654	ng	#	34
52) Acenaphthene	9.92	154	61089	3.462	ng		99
55) Dibenzofuran	10.09	168	60384	2.263	ng	#	96
56) 4-Nitrophenol	10.04	139	895	5.892	ng	#	47
57) 2,4-Dinitrotoluene	10.05	165	1325	4.794	ng	#	28
58) Fluorene	10.44	166	114227	5.728	ng		96
71) Phenanthrene	11.40	178	794011	29.175	ng		98
72) Anthracene	11.45	178	296625	10.759	ng		99
75) Fluoranthene	12.59	202	1236042	43.015	ng		99
78) Pyrene	12.82	202	1162278	33.886	ng		99
81) Benzo(a)anthracene	14.01	228	574355	19.268	ng		99
83) Chrysene	14.04	228	482825	17.118	ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	191052	7.342	ng		94
88) Benzo(b)fluoranthene	15.07	252	697028	31.581	ng		98
89) Benzo(k)fluoranthene	15.07	252	697028	32.629	ng		98
90) Benzo(a)pyrene	15.43	252	376677	18.610	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	49415	2.749	ng	#	88
92) Benzo(g,h,i)perylene	17.42	276	183606	10.367	ng		98

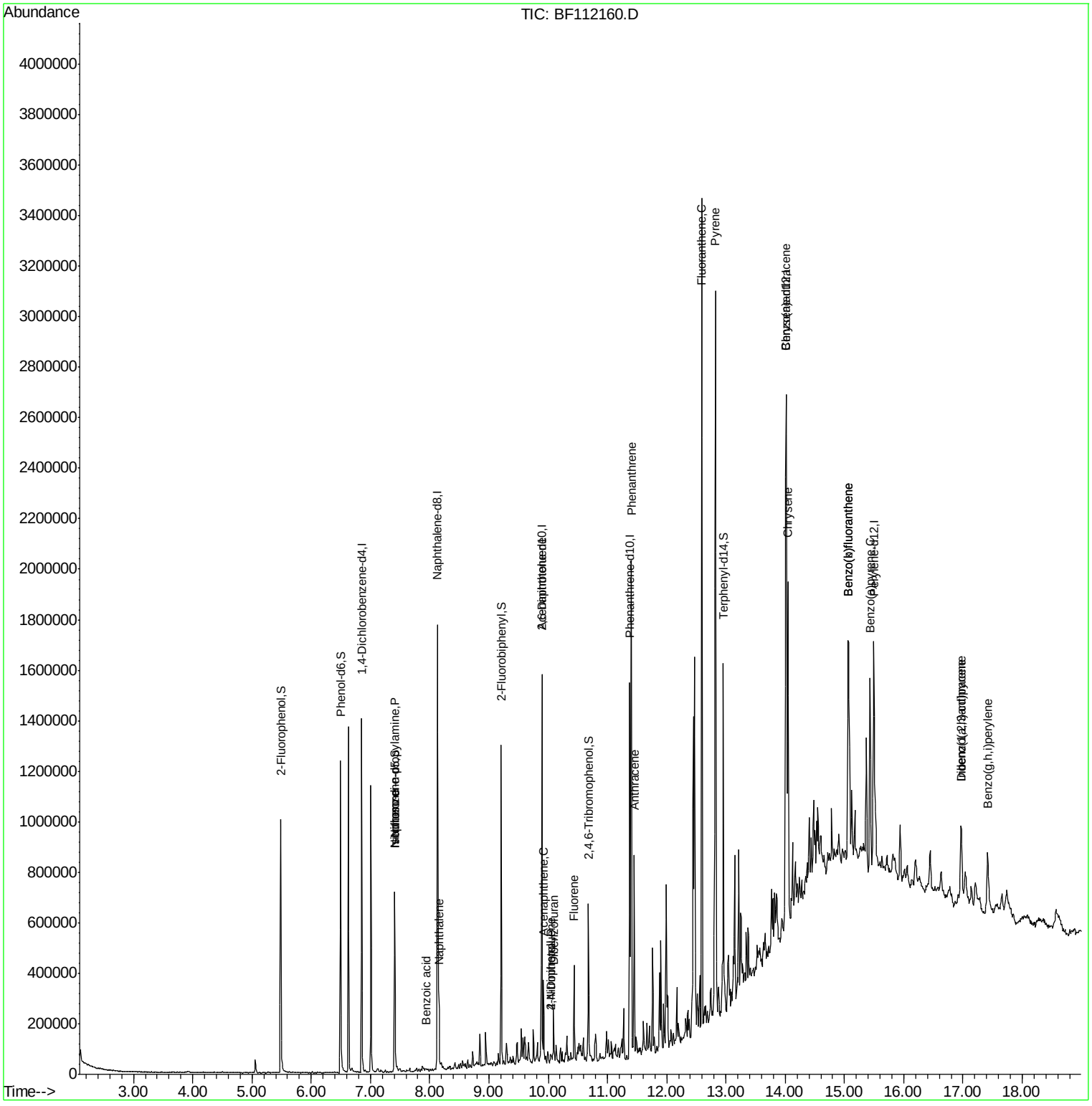
(#) = qualifier out of range (m) = manual integration (+) = signals summed

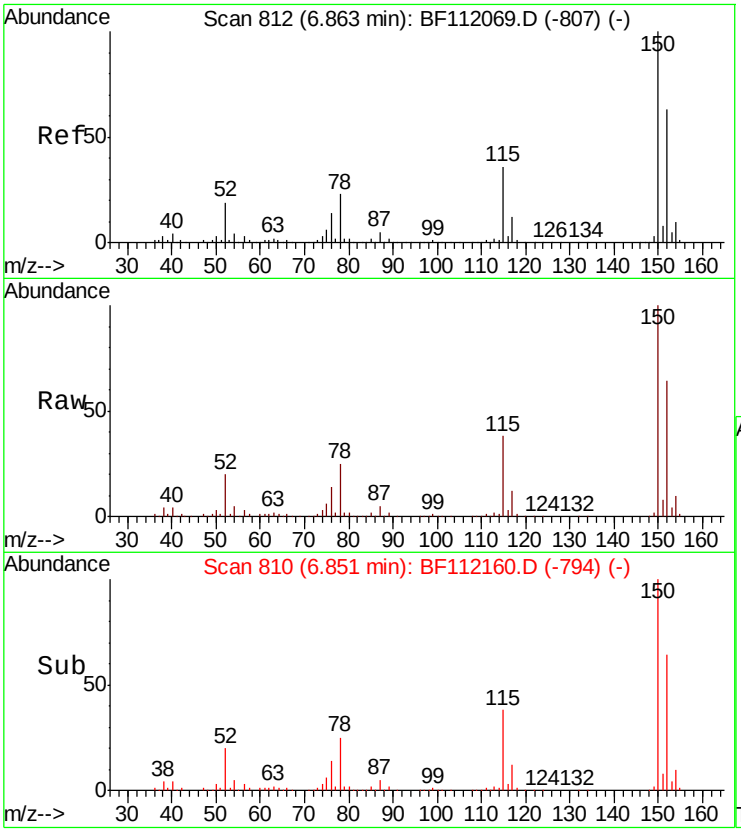
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112160.D
Acq On : 21 Jan 2019 15:56
Operator : JU/SJ
Sample : K1013-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Quant Time: Jan 21 17:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



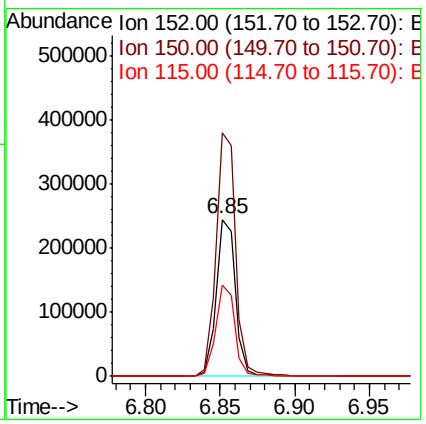


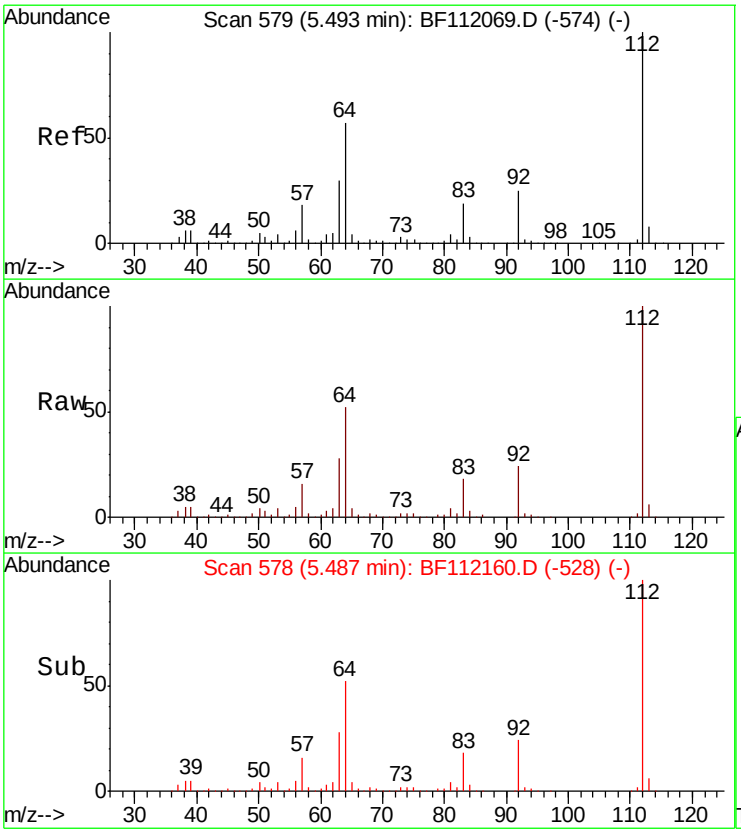
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:152 Resp: 223999

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	58.6	45.5	68.3

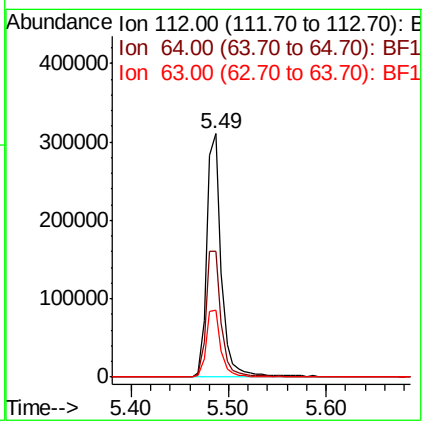


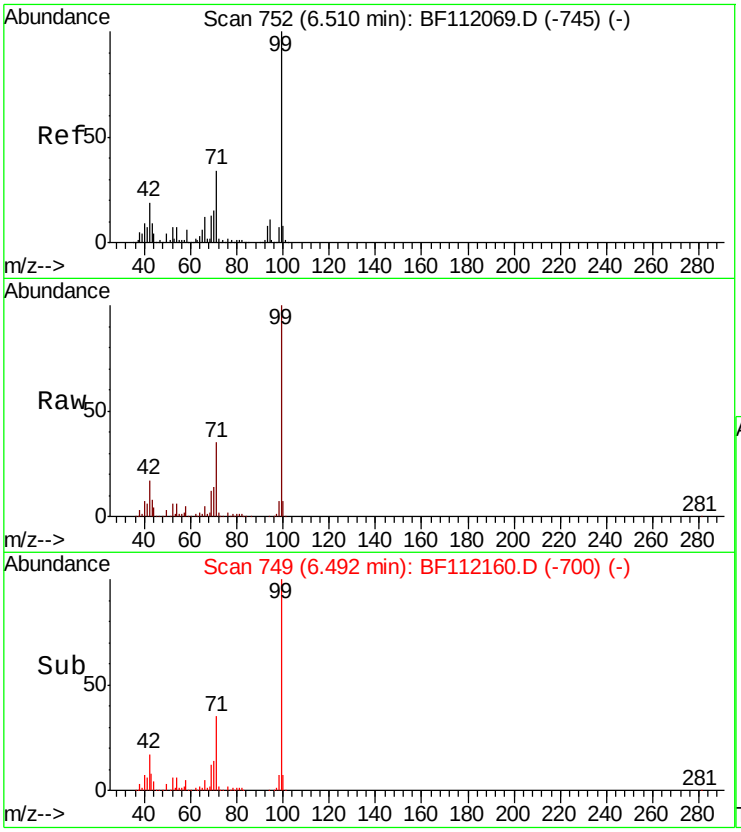


#5
2-Fluorophenol
Concen: 26.107 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:112 Resp: 322194

Ion	Ratio	Lower	Upper
112	100		
64	51.9	45.7	68.5
63	27.5	23.6	35.4



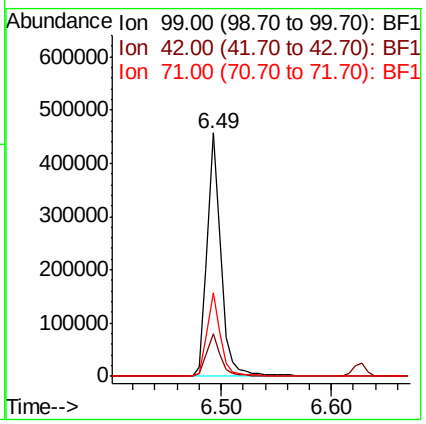


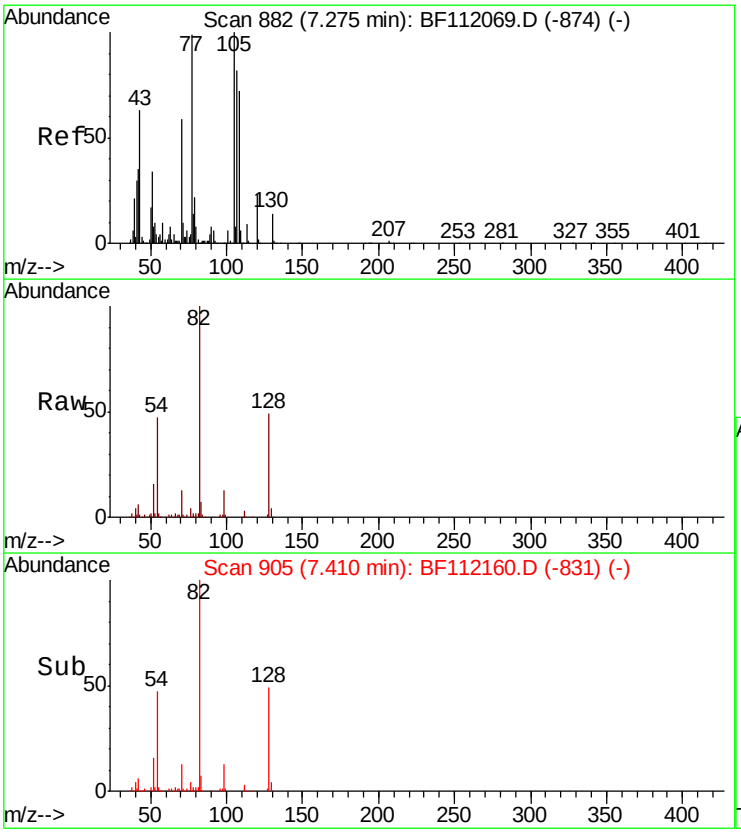
#7
Phenol-d6
Concen: 25.177 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion: 99 Resp: 388751

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.1	22.7
71	34.5	26.9	40.3

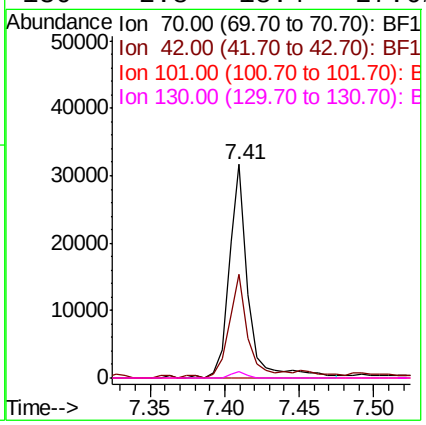


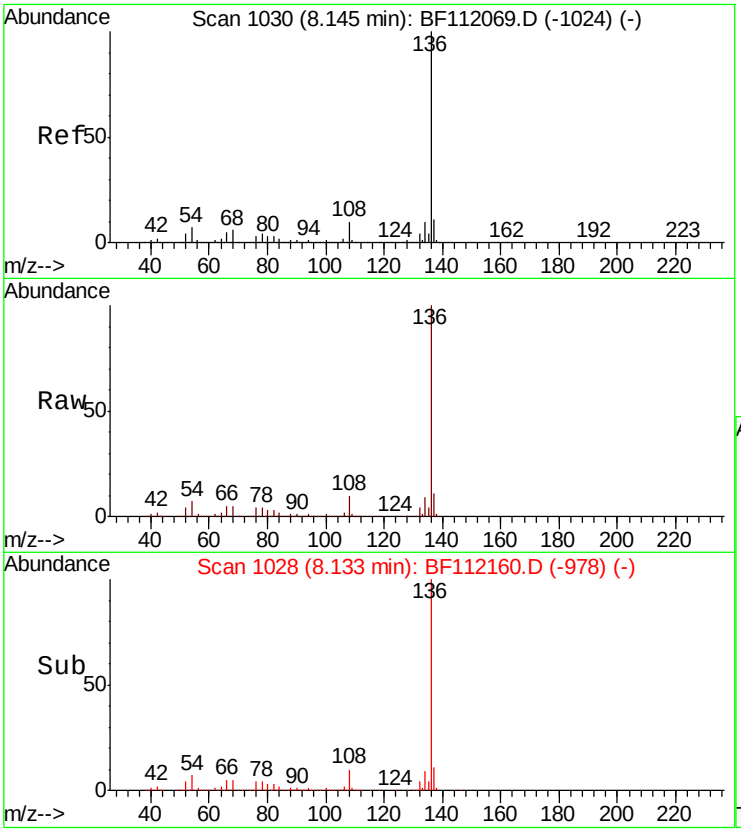


#19
n-Nitroso-di-n-propylamine
Concen: 3.026 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion: 70 Resp: 28468

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.6	71.4
101	0.0	7.9	11.9#
130	2.8	18.4	27.6#



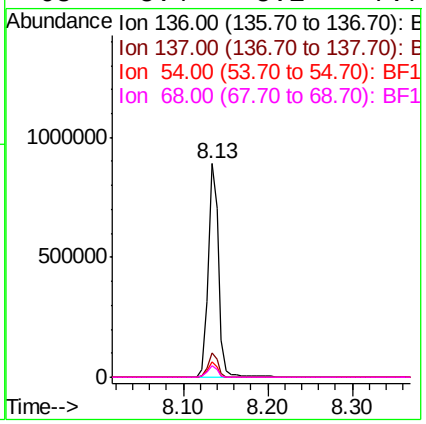


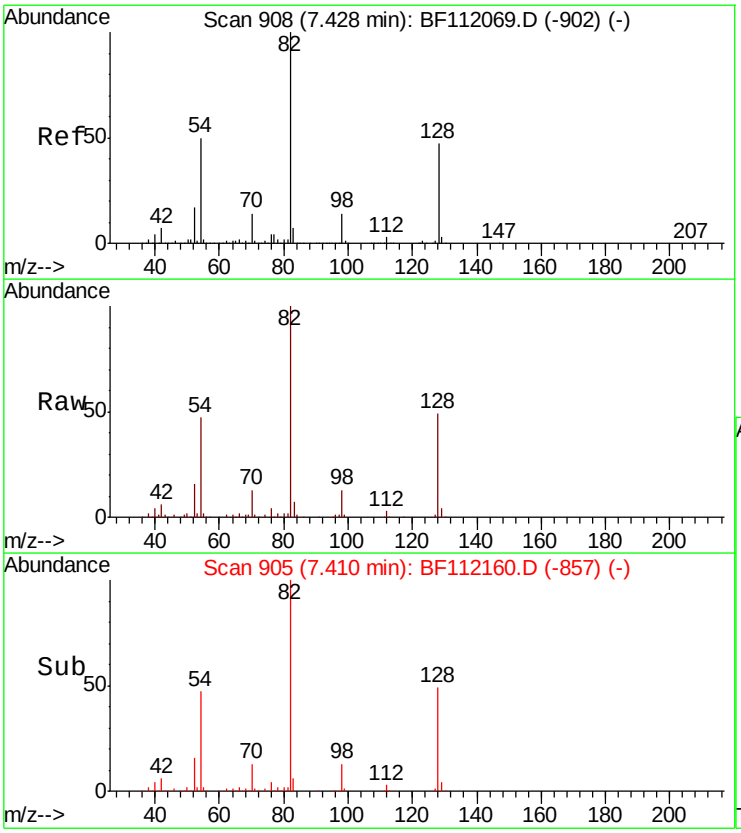
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:136 Resp: 776547

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	5.9	8.9
68	5.4	5.1	7.7

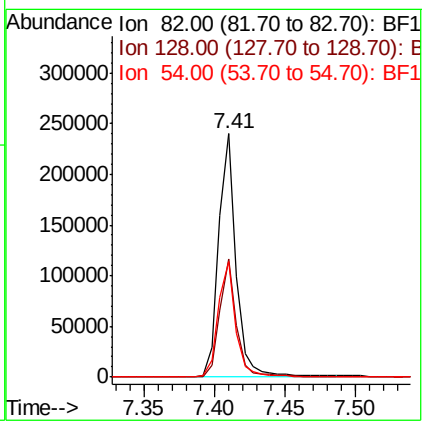


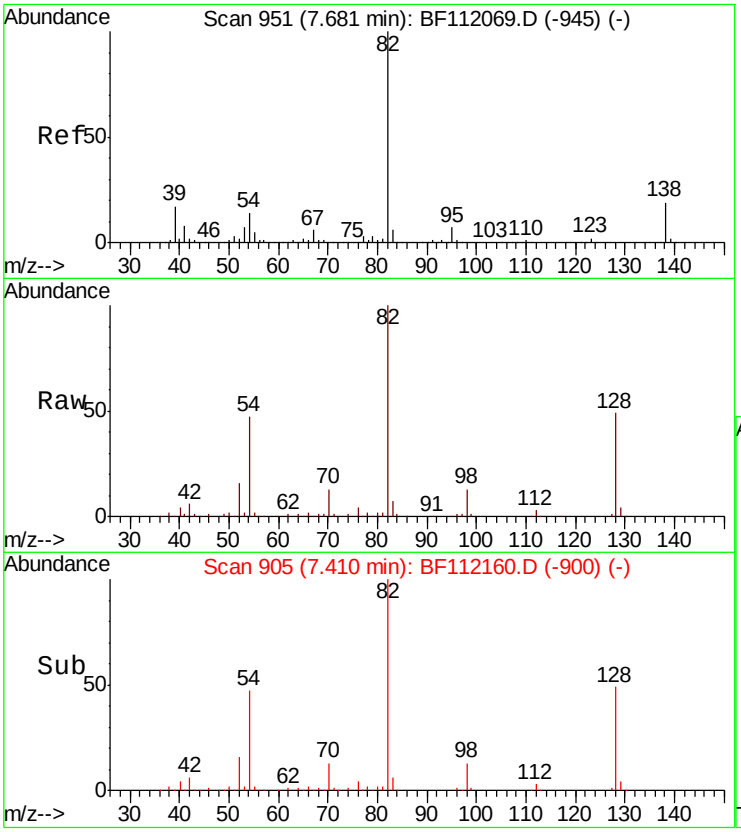


#23
Nitrobenzene-d5
Concen: 18.436 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion: 82 Resp: 207217

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	47.5	39.7	59.5



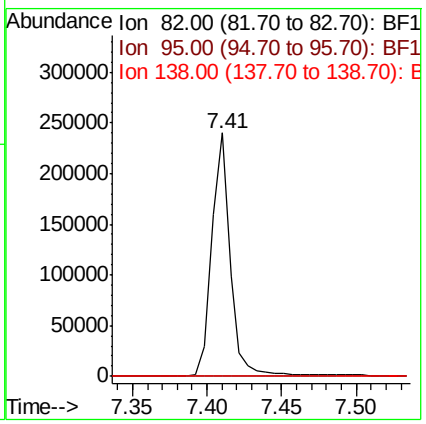


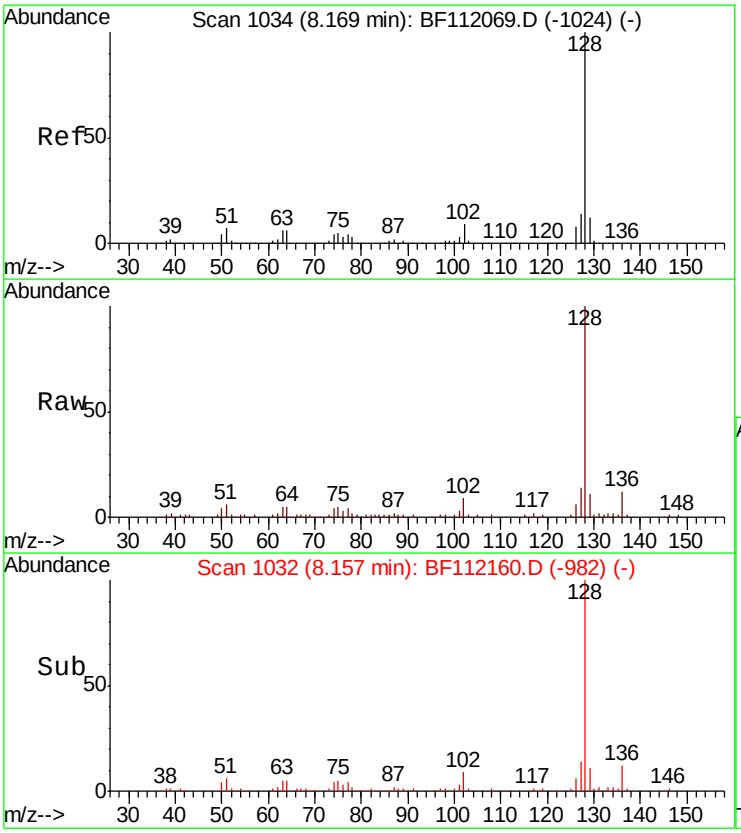
#25
Isophorone
Concen: 9.545 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion: 82 Resp: 207215

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	15.4	23.0#

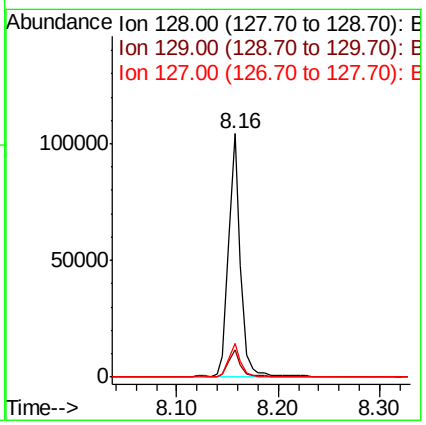


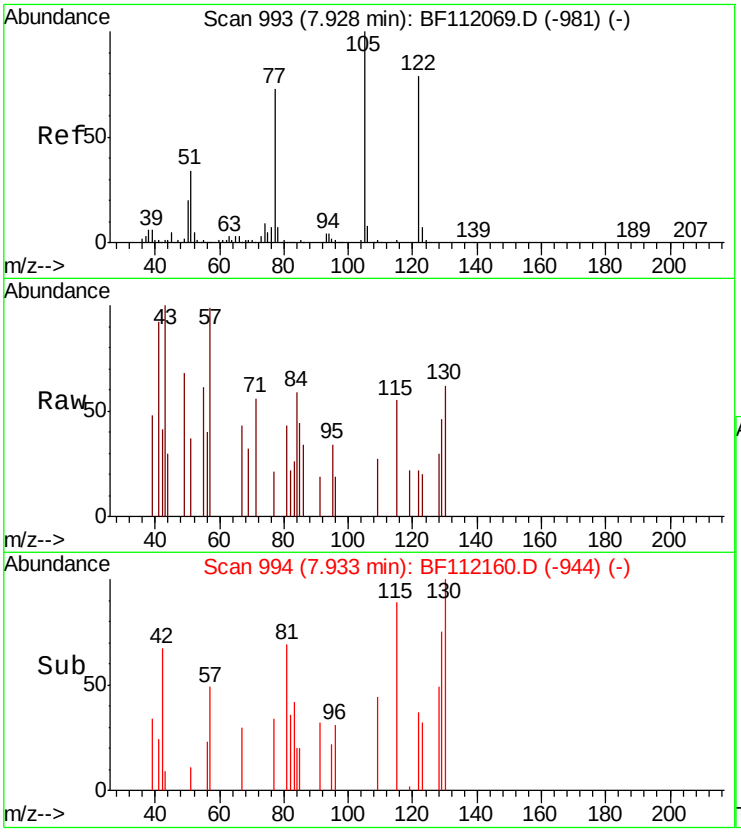


#31
Naphthalene
Concen: 2.453 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:128 Resp: 86623

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.6	11.1	16.7



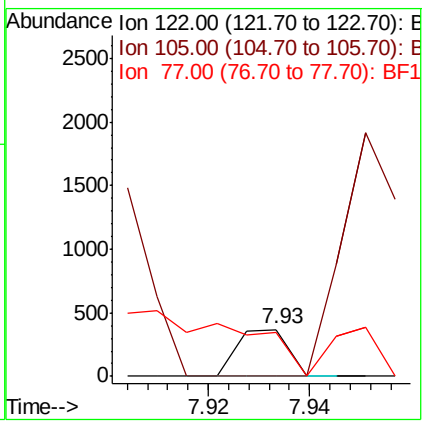


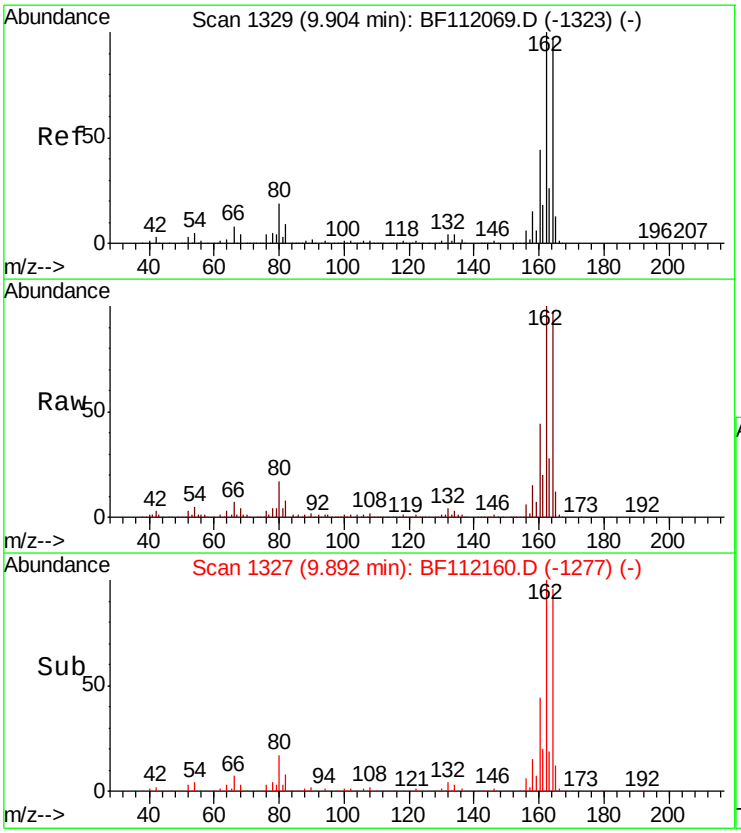
#32
Benzoic acid
Concen: 7.228 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:122 Resp: 253

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	93.4	70.4	110.4

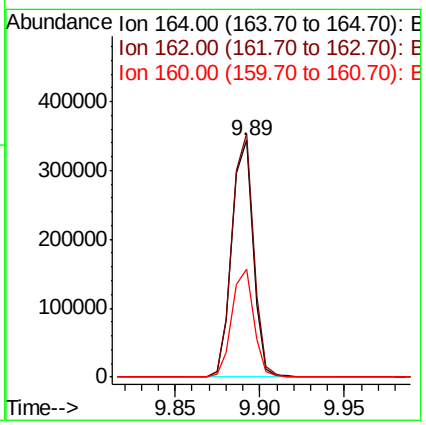


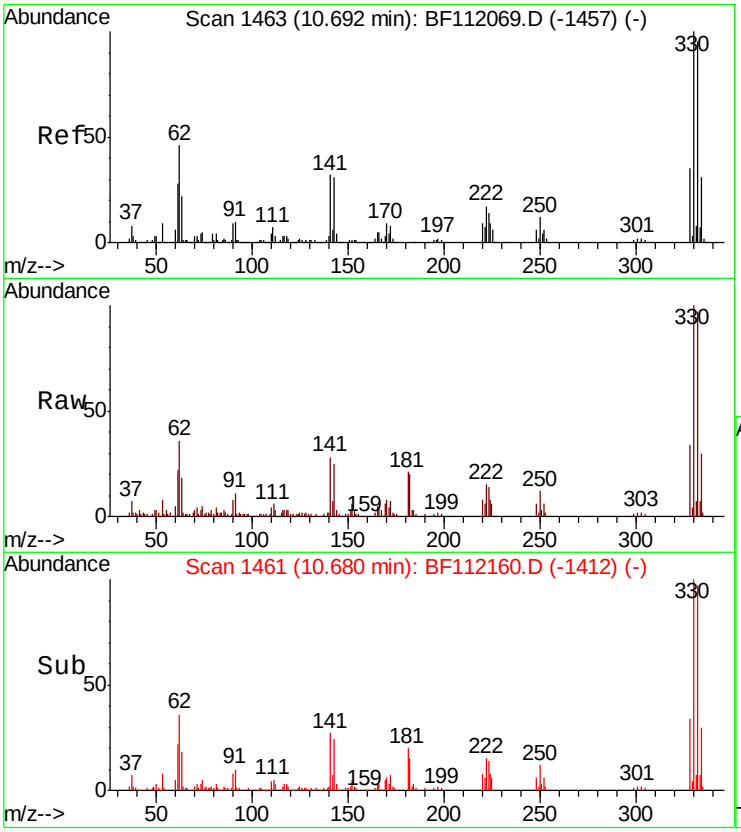


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:164 Resp: 301984

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	45.6	36.2	54.4



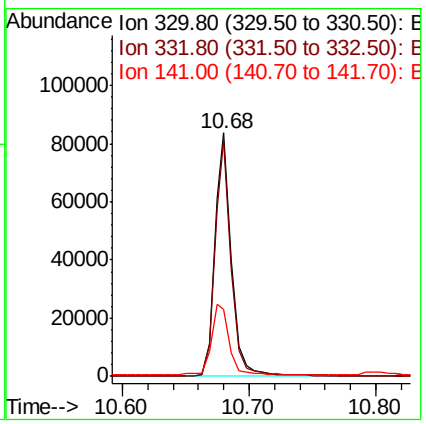


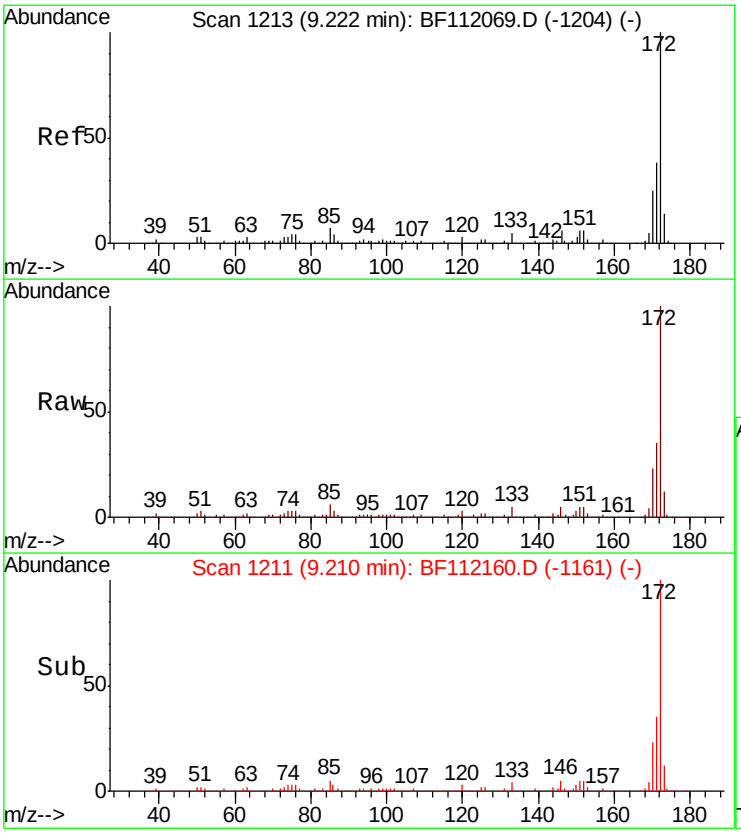
#42
2,4,6-Tribromophenol
Concen: 23.624 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:330 Resp: 76960

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	31.8	24.3	36.5

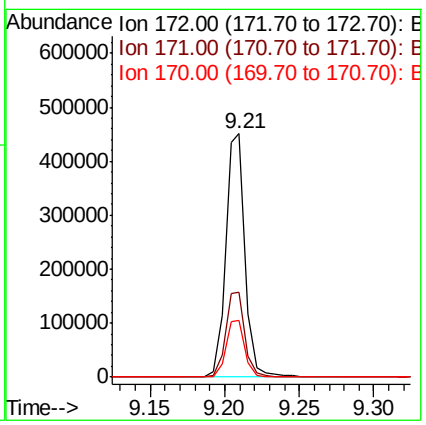


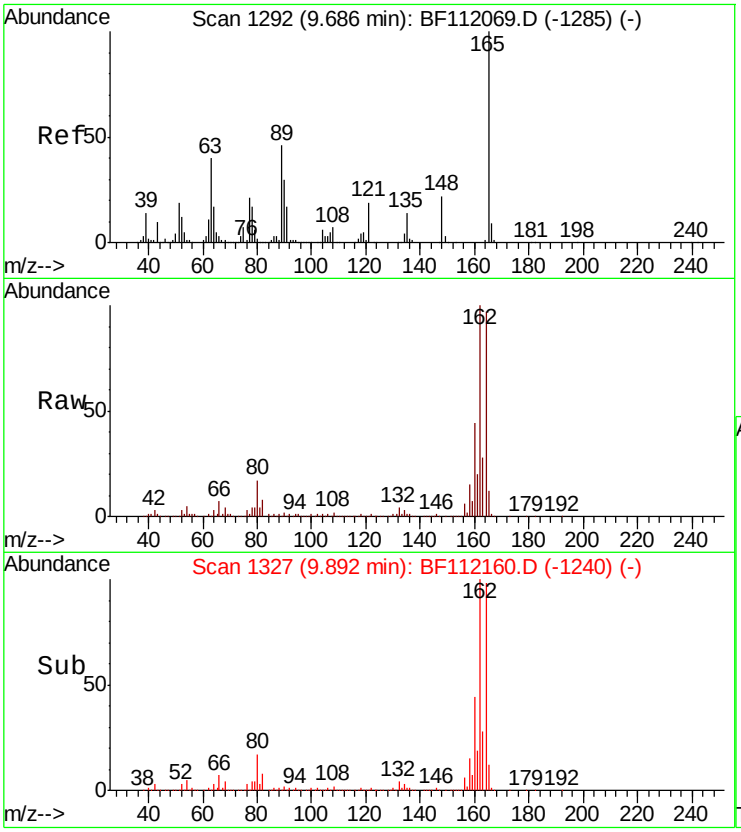


#45
2-Fluorobiphenyl
Concen: 20.042 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:172 Resp: 412810

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.5	45.7
170	23.4	20.2	30.4



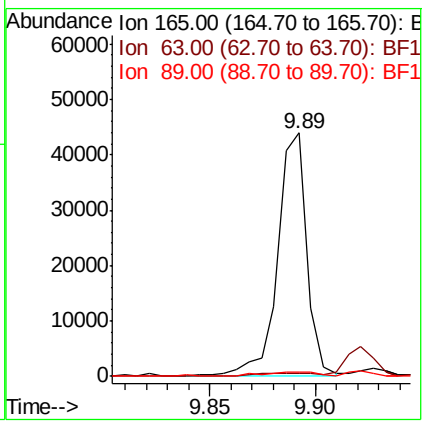


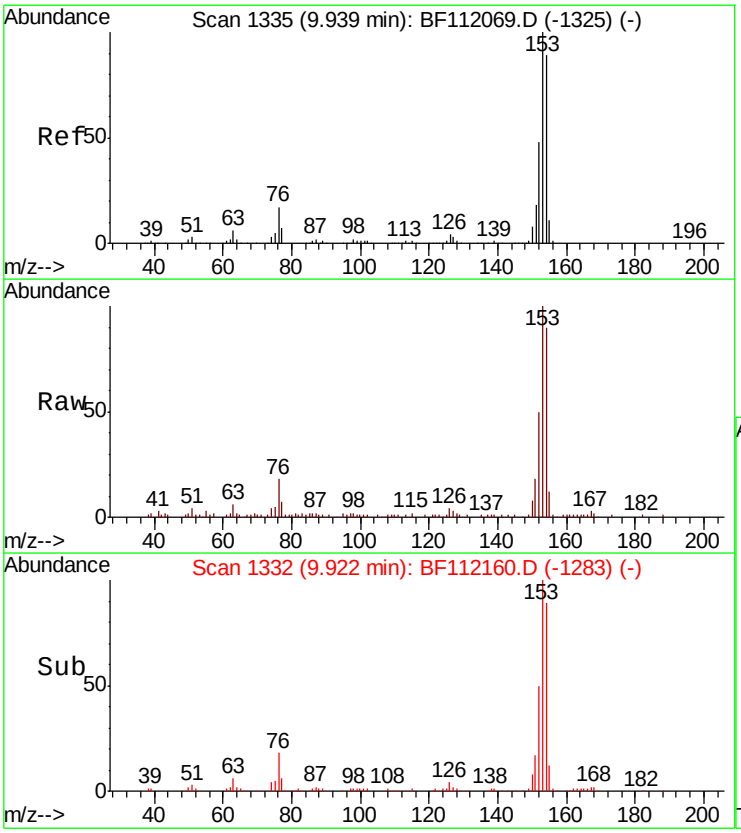
#51
2,6-Dinitrotoluene
Concen: 9.654 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:165 Resp: 42460

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.7	36.9	55.3#

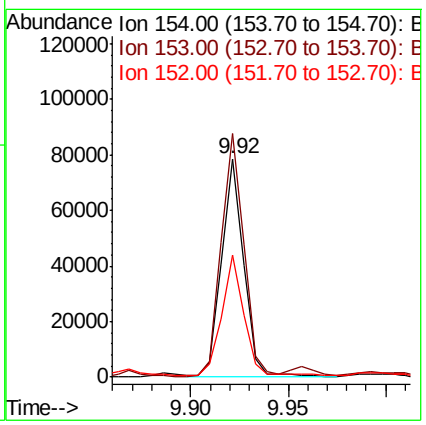


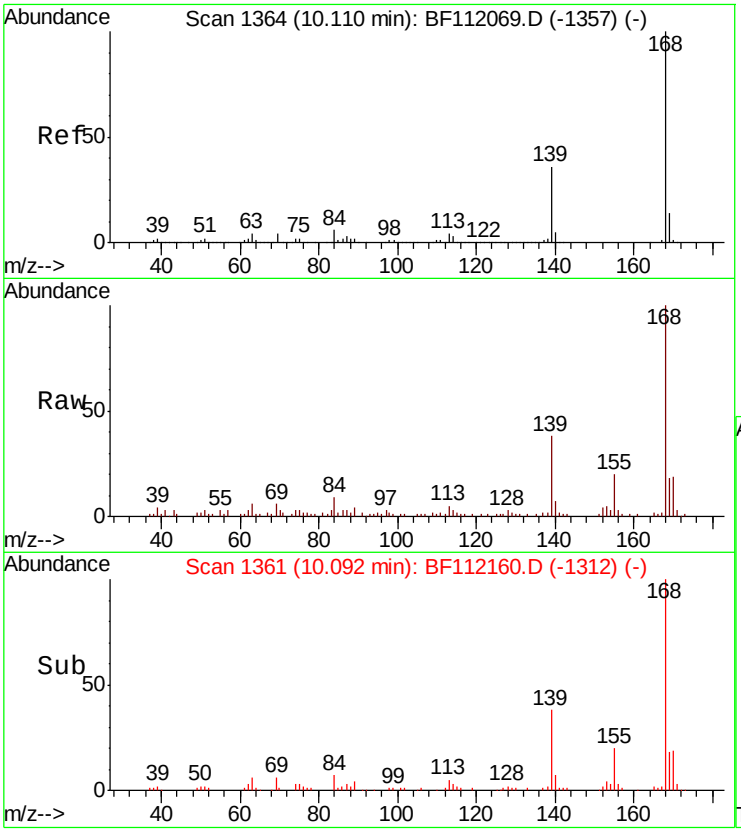


#52
Acenaphthene
Concen: 3.462 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:154 Resp: 61089

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.8	134.6
152	56.1	43.5	65.3



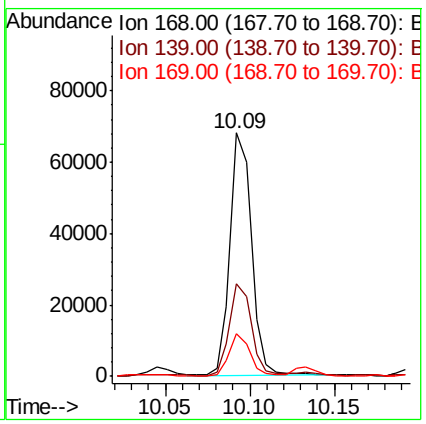


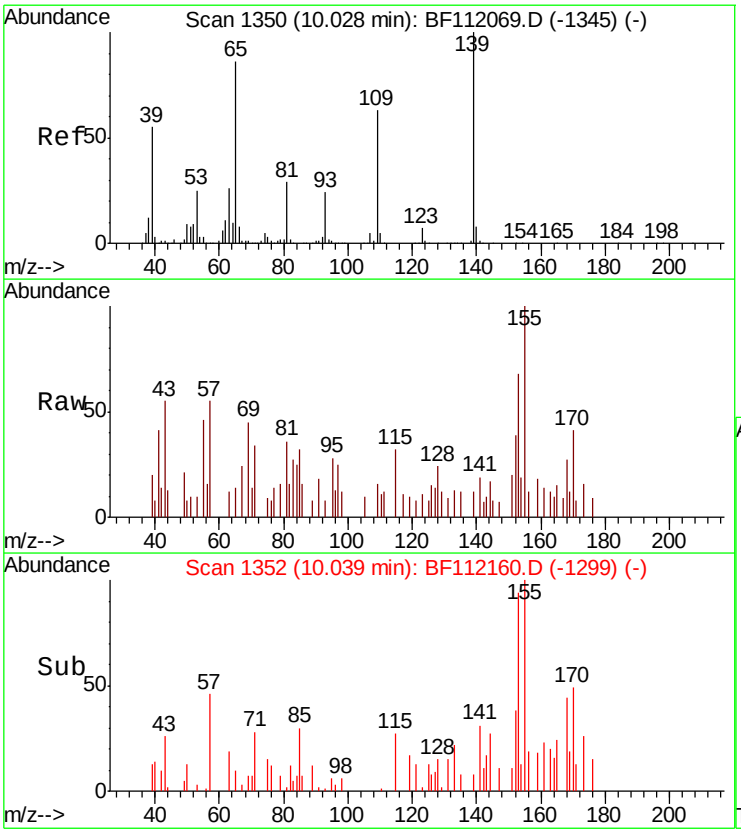
#55
Dibenzofuran
Concen: 2.263 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:168 Resp: 60384

Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.2	43.8
169	17.6	11.4	17.0#

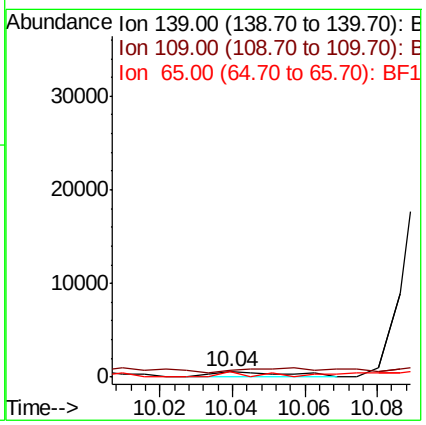


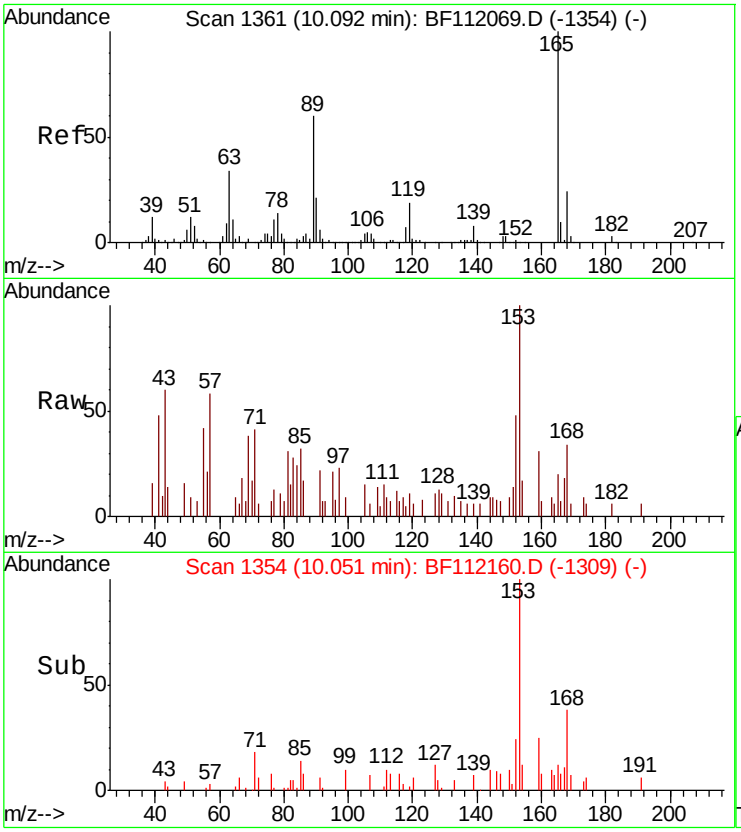


#56
4-Nitrophenol
Concen: 5.892 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:139 Resp: 895

Ion	Ratio	Lower	Upper
139	100		
109	128.3	42.8	82.8#
65	112.9	66.1	106.1#



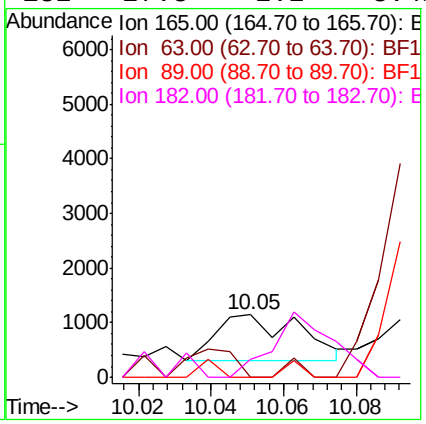


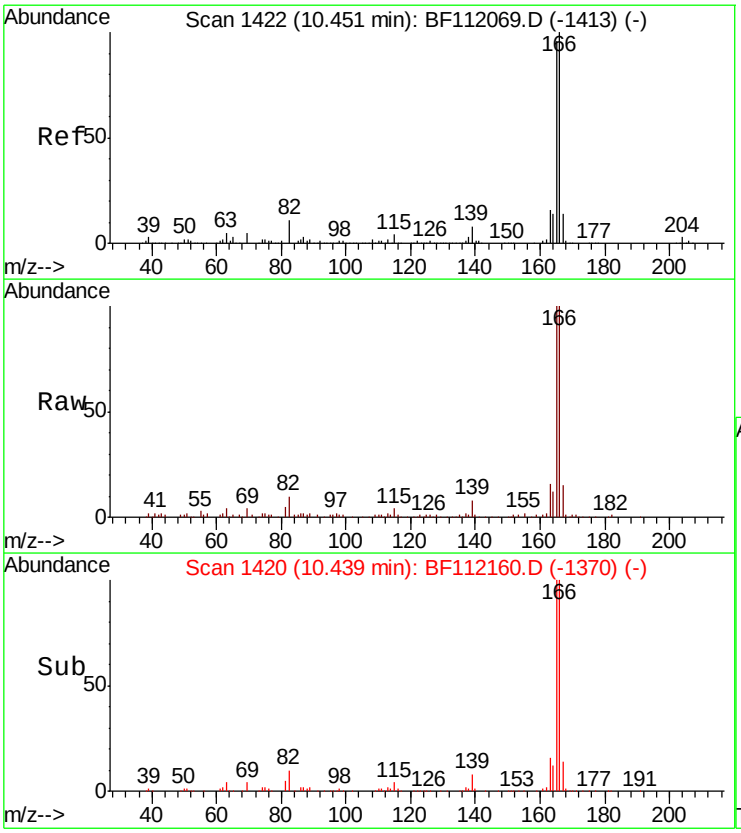
#57
2,4-Dinitrotoluene
Concen: 4.794 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:165 Resp: 1325

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	27.8	2.2	3.4#

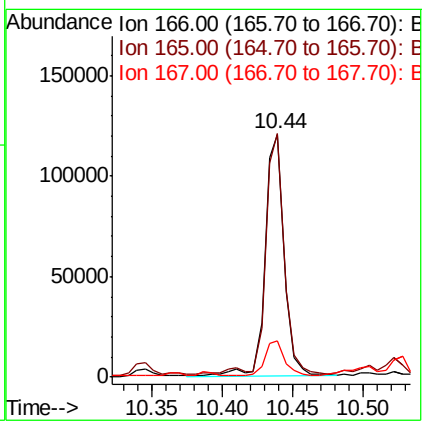


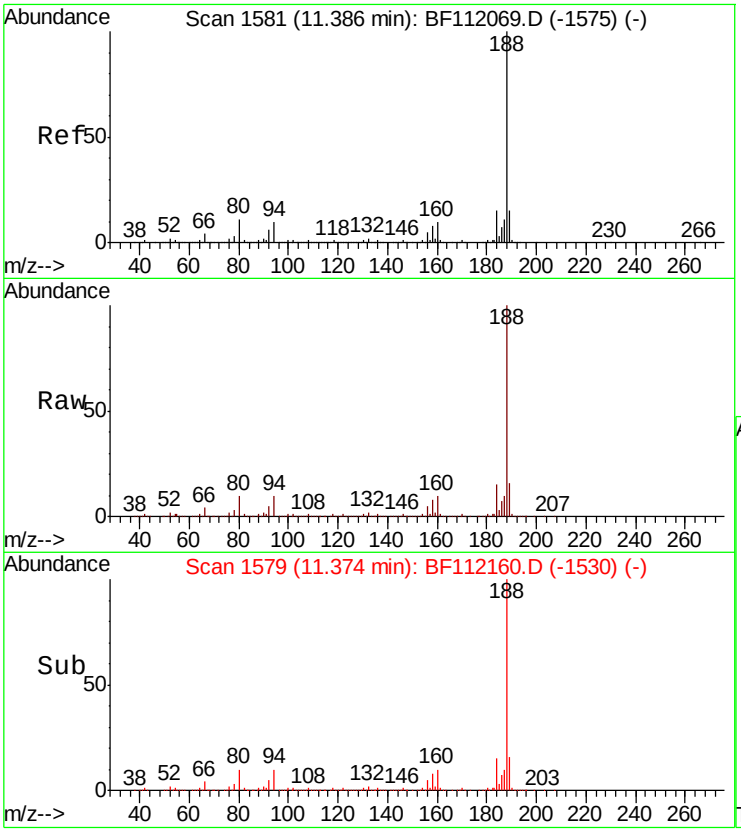


#58
Fluorene
Concen: 5.728 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:166 Resp: 114227

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.1	115.7
167	14.7	11.3	16.9



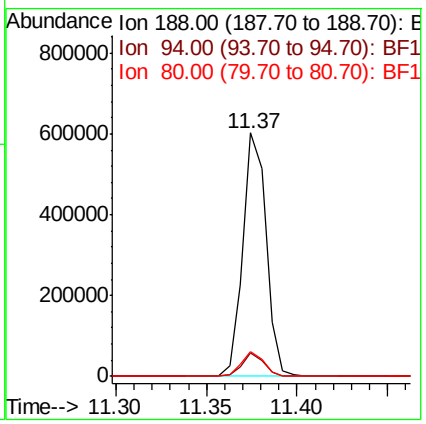


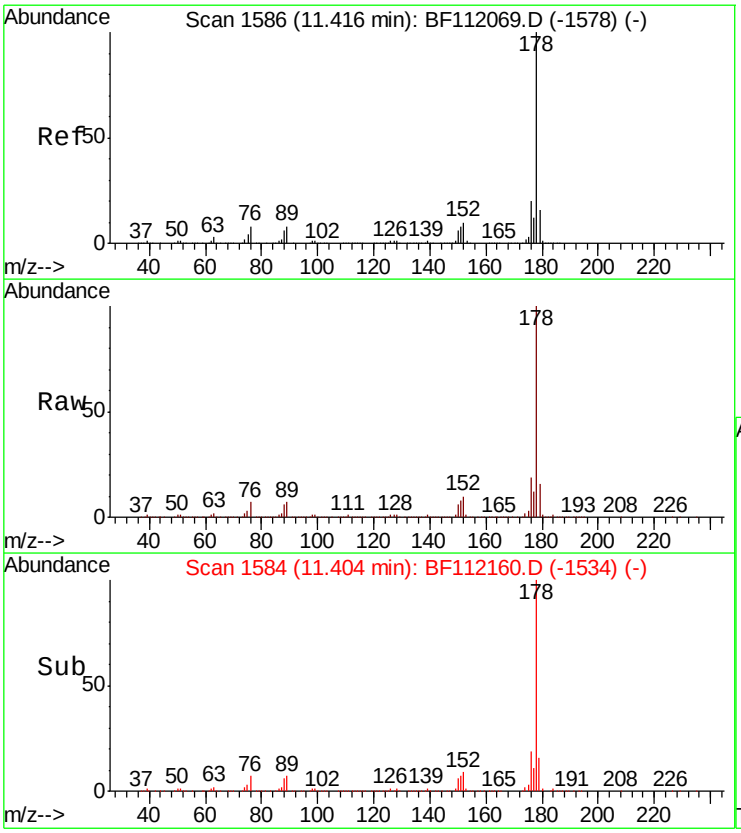
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:188 Resp: 540789

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.2	8.9	13.3

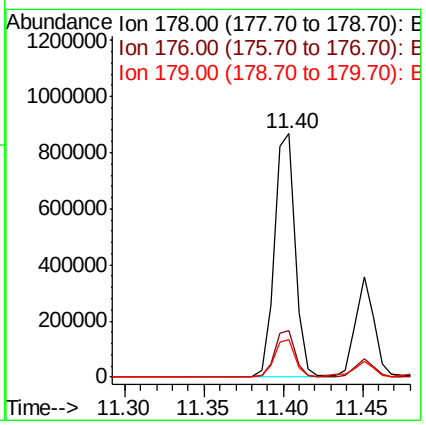


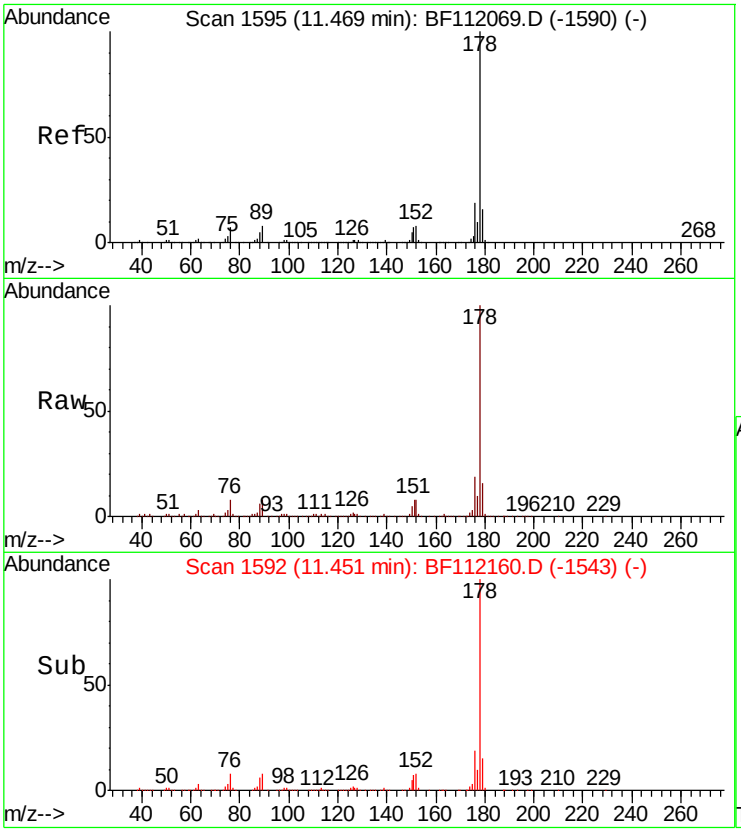


#71
Phenanthrene
Concen: 29.175 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:178 Resp: 794011

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.6	13.0	19.4



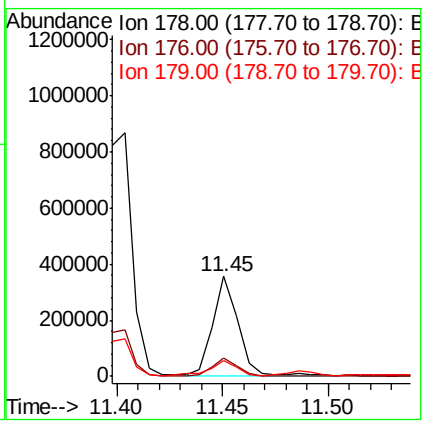


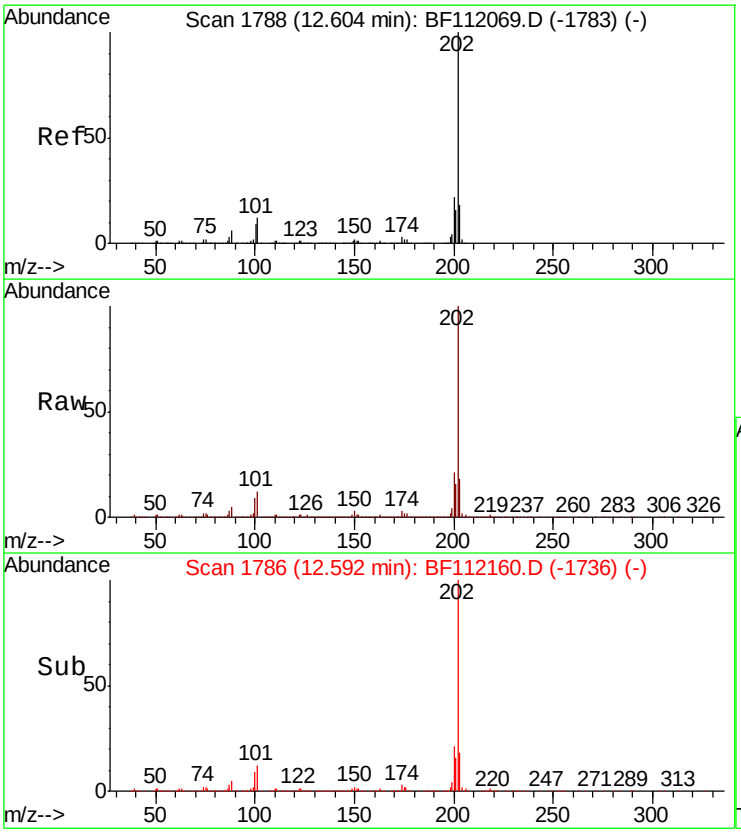
#72
Anthracene
Concen: 10.759 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:178 Resp: 296625

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.7	12.8	19.2

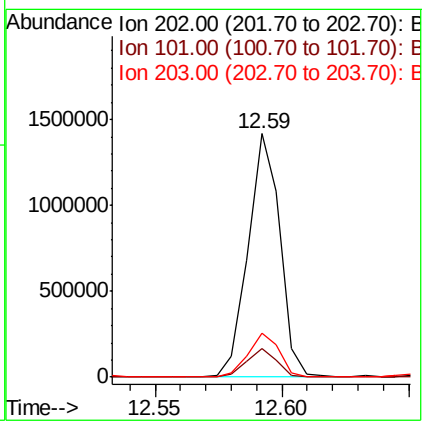


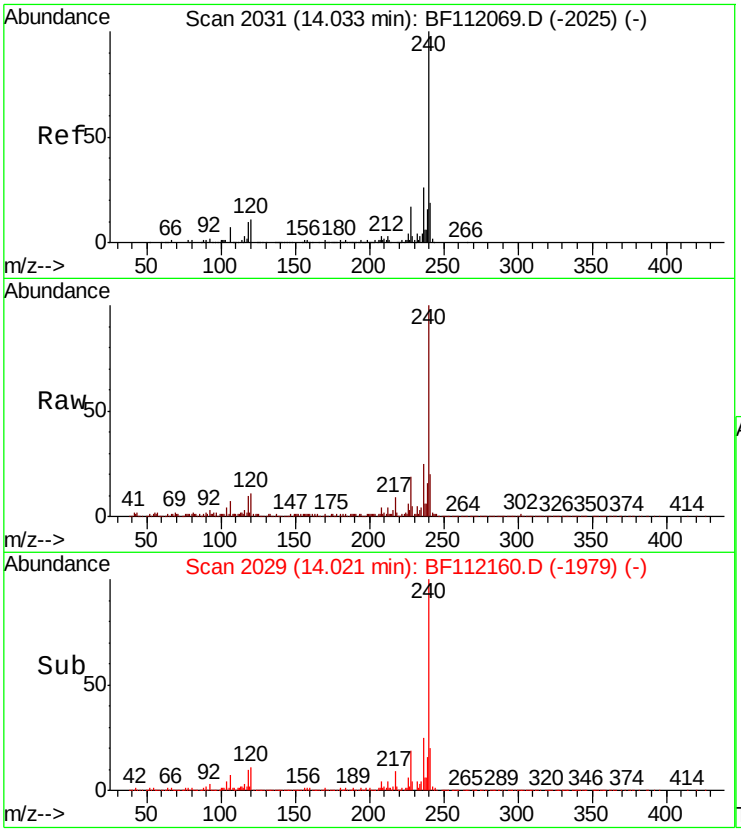


#75
Fluoranthene
Concen: 43.015 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:202 Resp: 1236042

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.8
203	18.0	0.0	38.4



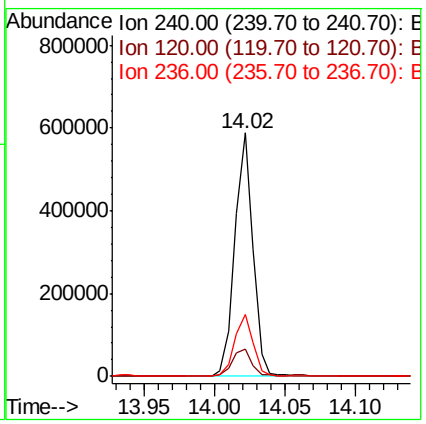


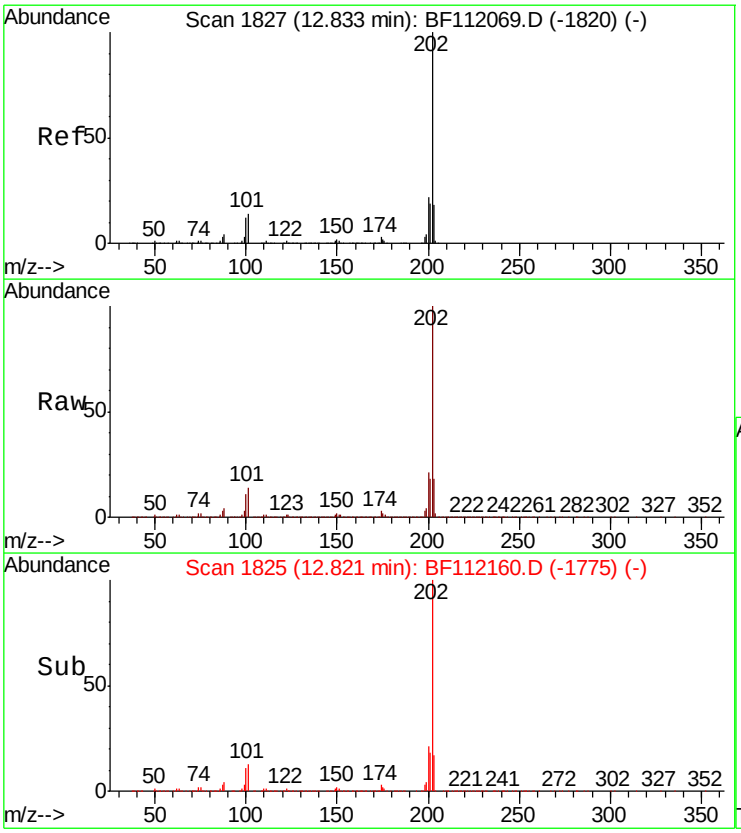
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:240 Resp: 519882

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.4	20.7	31.1

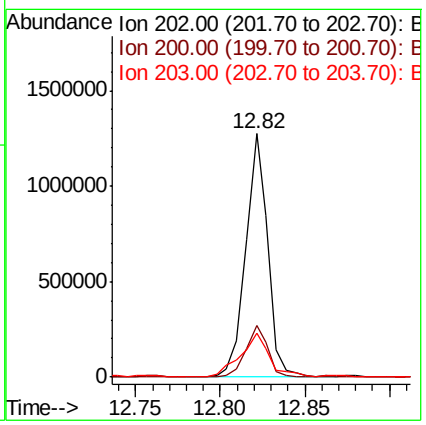


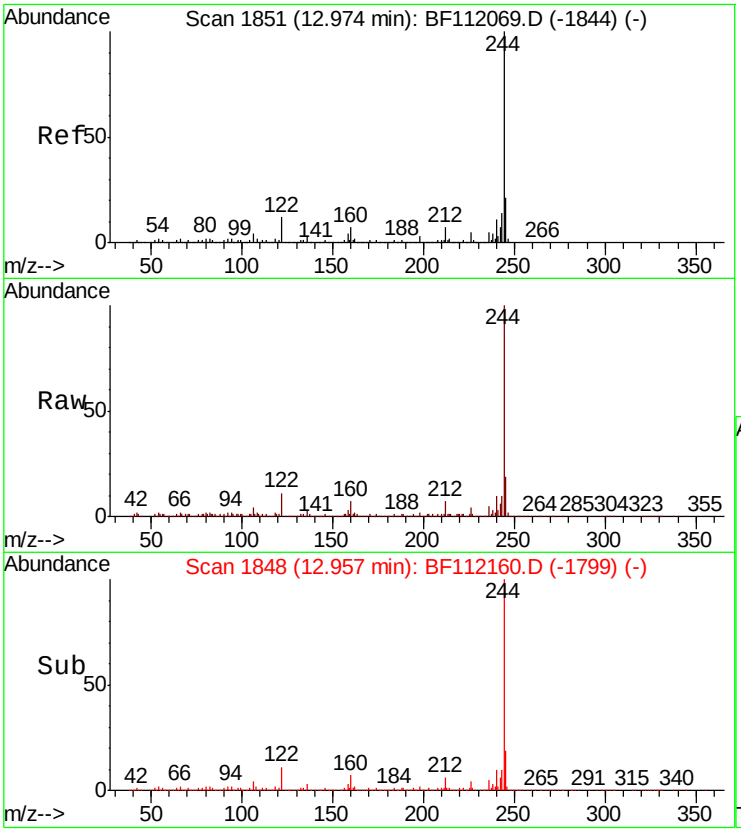


#78
Pyrene
Concen: 33.886 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:202 Resp: 1162278

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.1	14.6	22.0



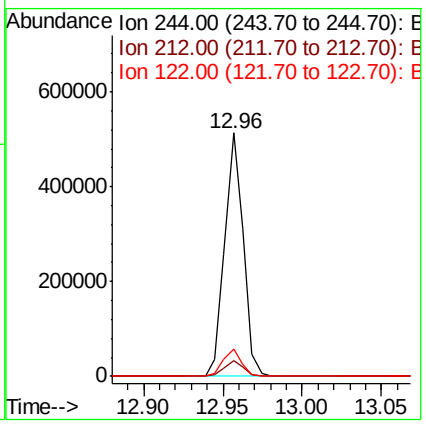


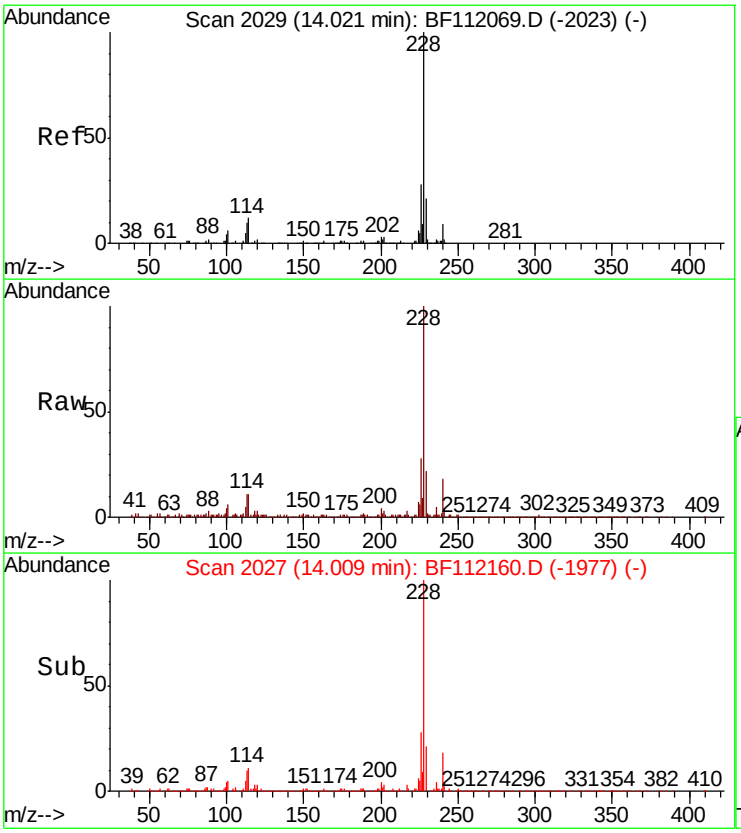
#79
Terphenyl-d14
Concen: 17.040 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:244 Resp: 416412

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	11.2	9.8	14.6

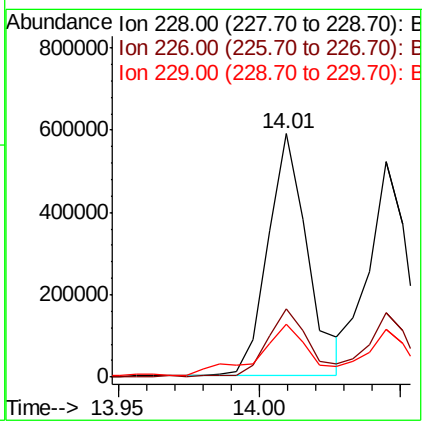


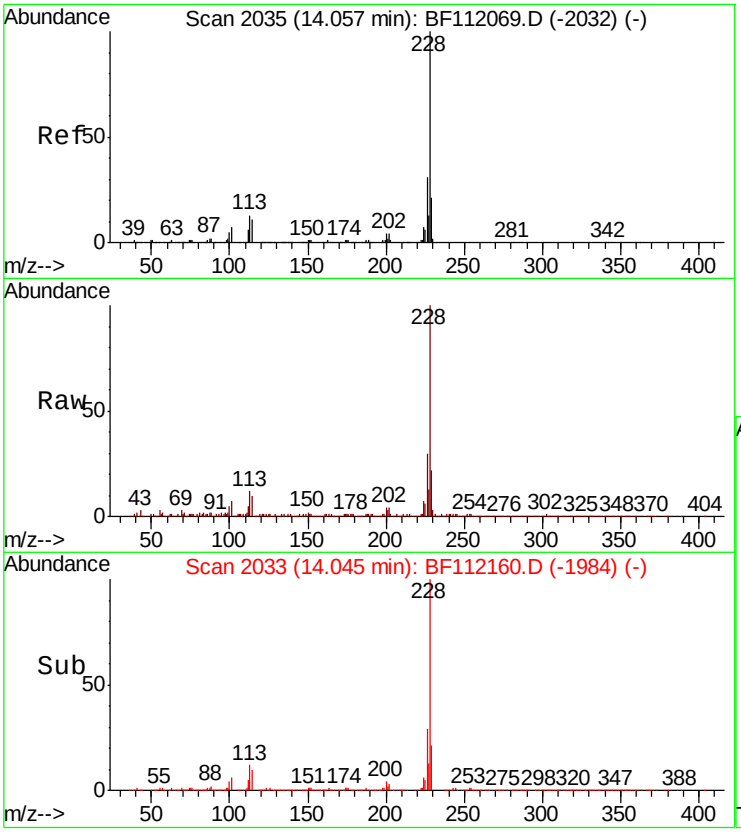


#81
Benzo(a)anthracene
Concen: 19.268 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:228 Resp: 574355

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	21.6	16.5	24.7



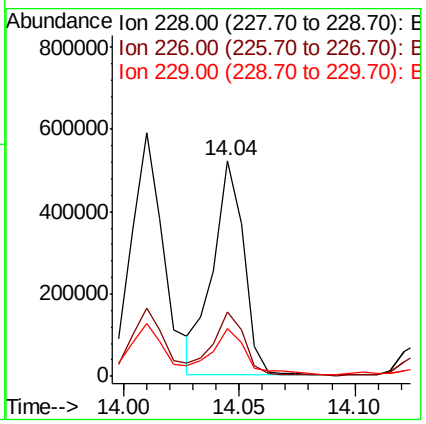


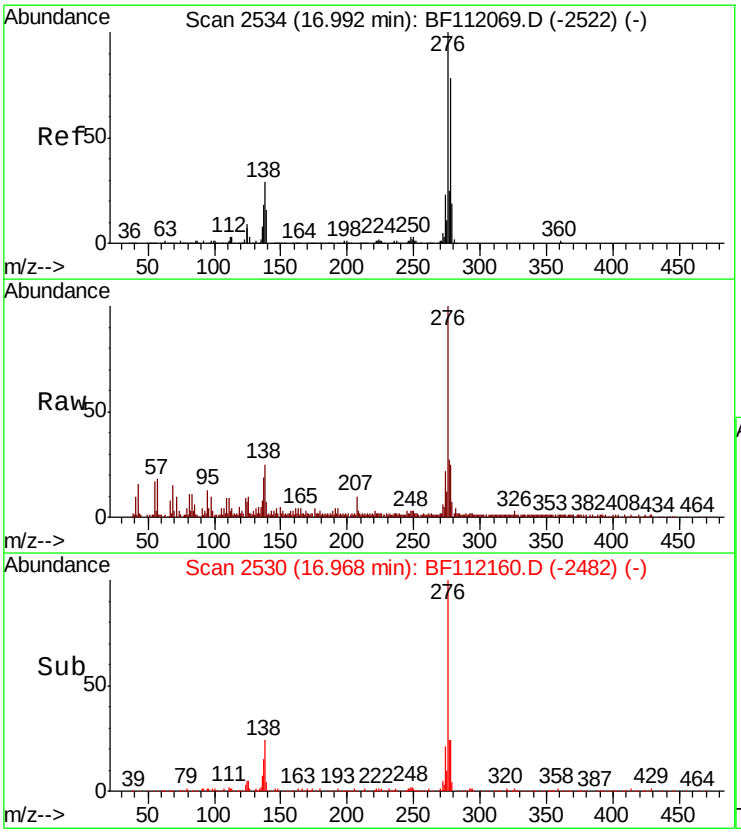
#83
Chrysene
Concen: 17.118 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:228 Resp: 482825

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.3	16.6	24.8

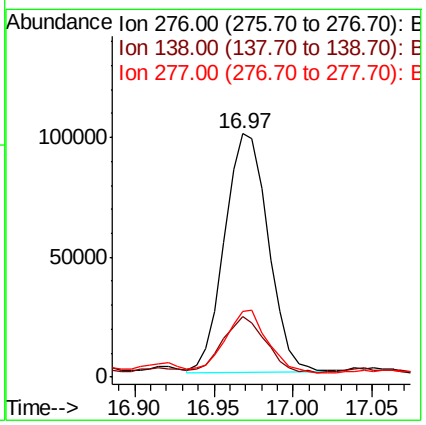


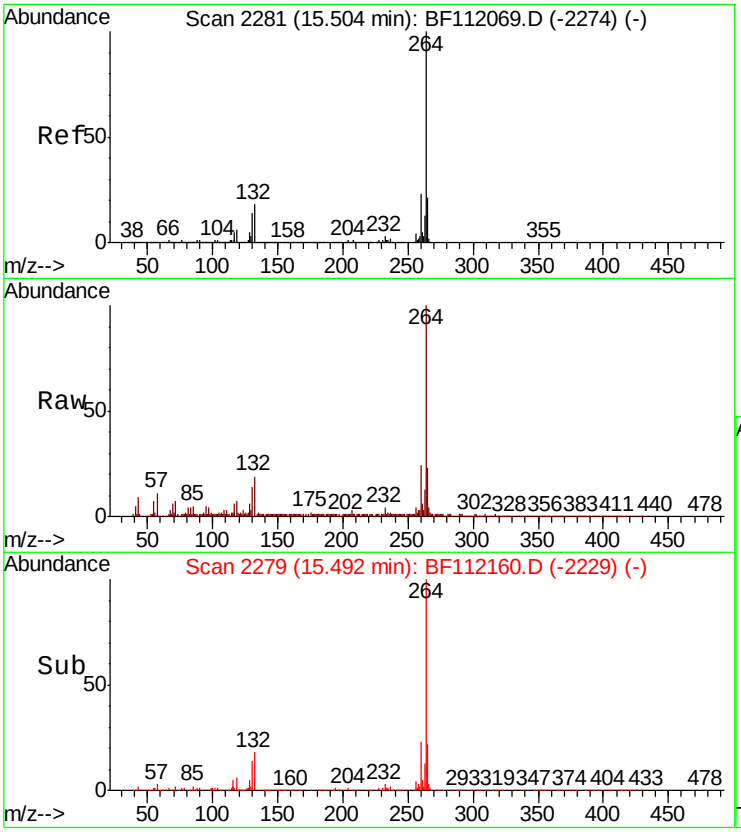


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.342 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:276 Resp: 191052

Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.6	34.0
277	25.0	20.3	30.5



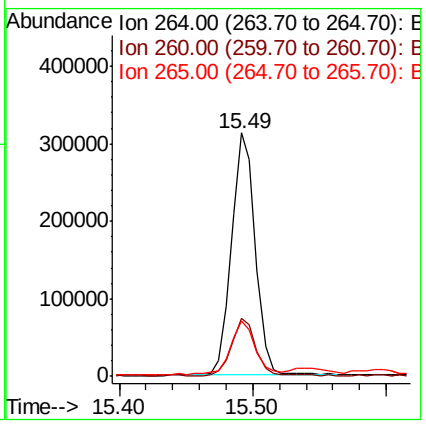


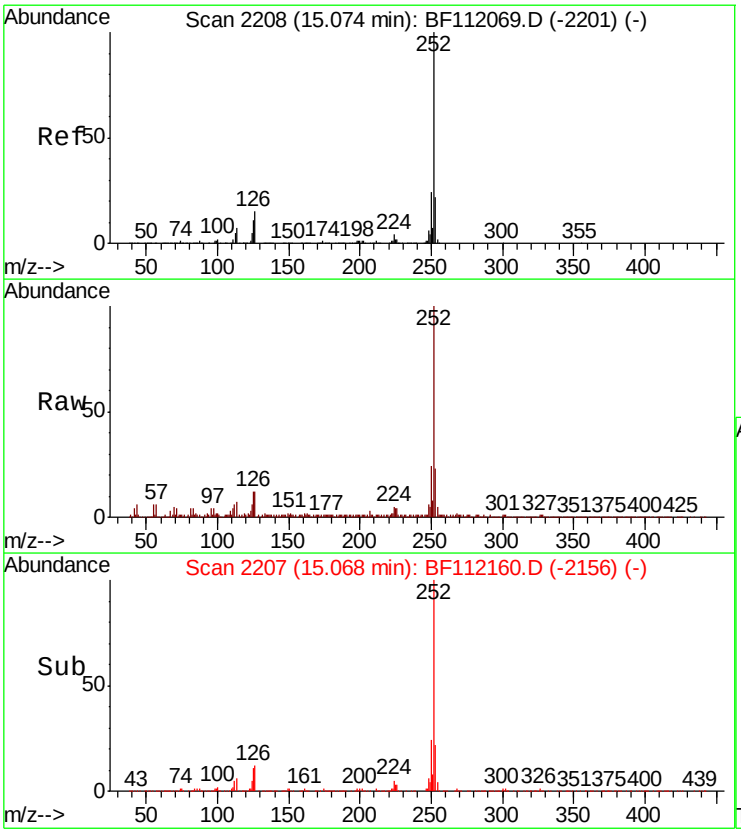
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:264 Resp: 388822

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.6	17.0	25.4

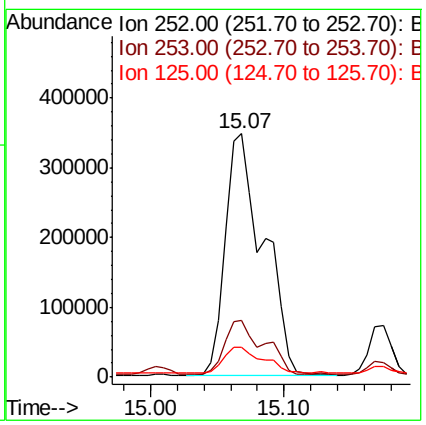


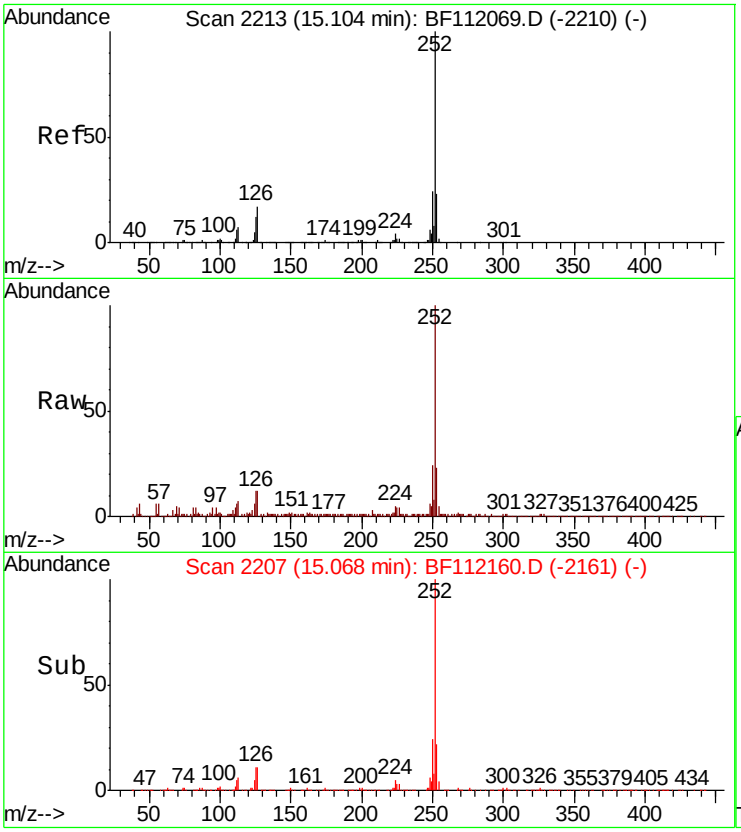


#88
Benzo(b)fluoranthene
Concen: 31.581 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:252 Resp: 697028

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.4	8.7	13.1



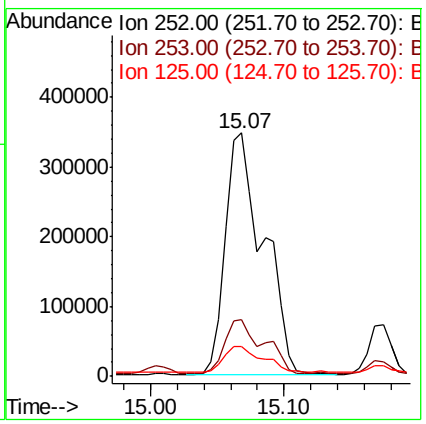


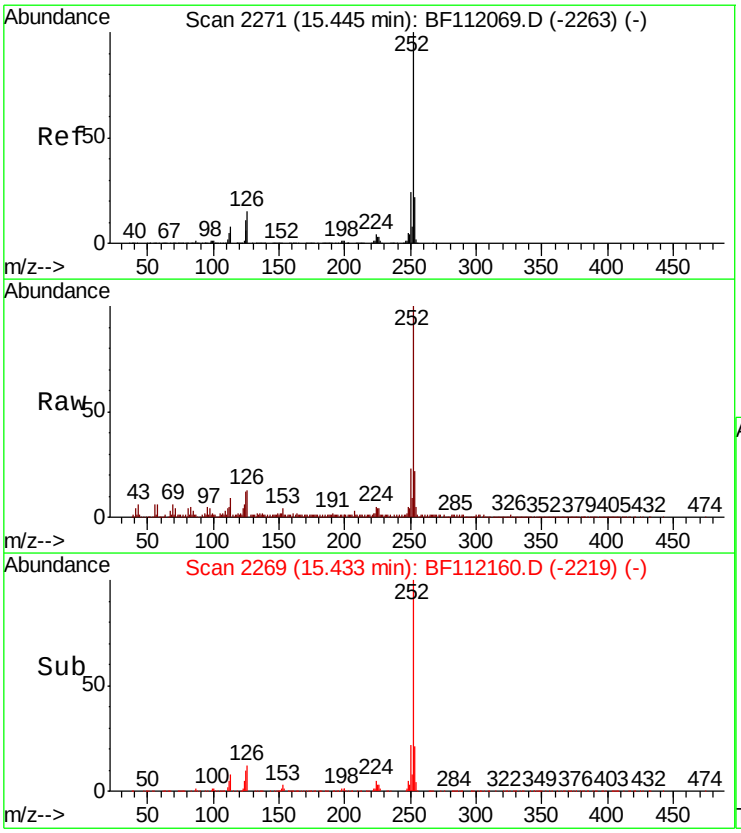
#89
Benzo(k)fluoranthene
Concen: 32.629 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:252 Resp: 697028

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.4	9.1	13.7

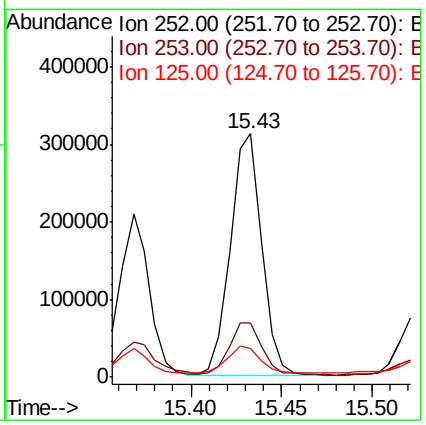


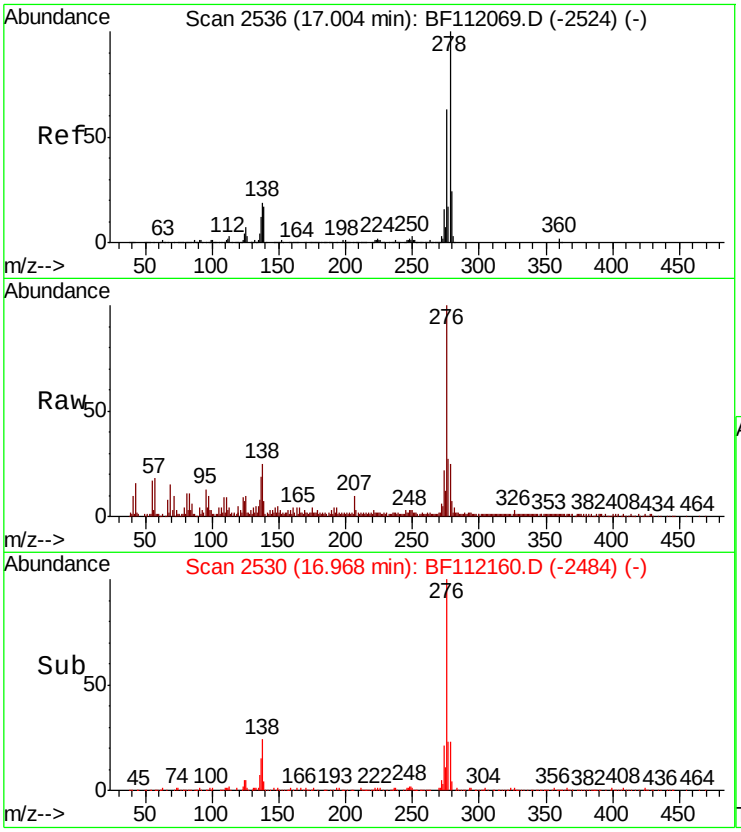


#90
Benzo(a)pyrene
Concen: 18.610 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:252 Resp: 376677

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.7	9.0	13.4



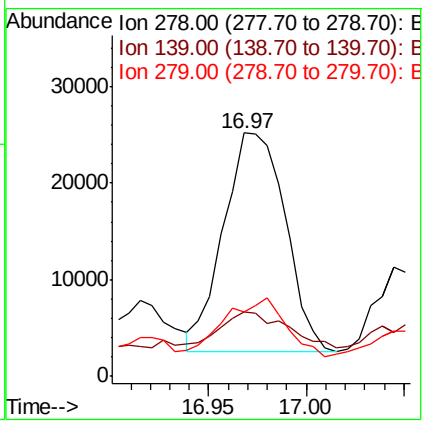


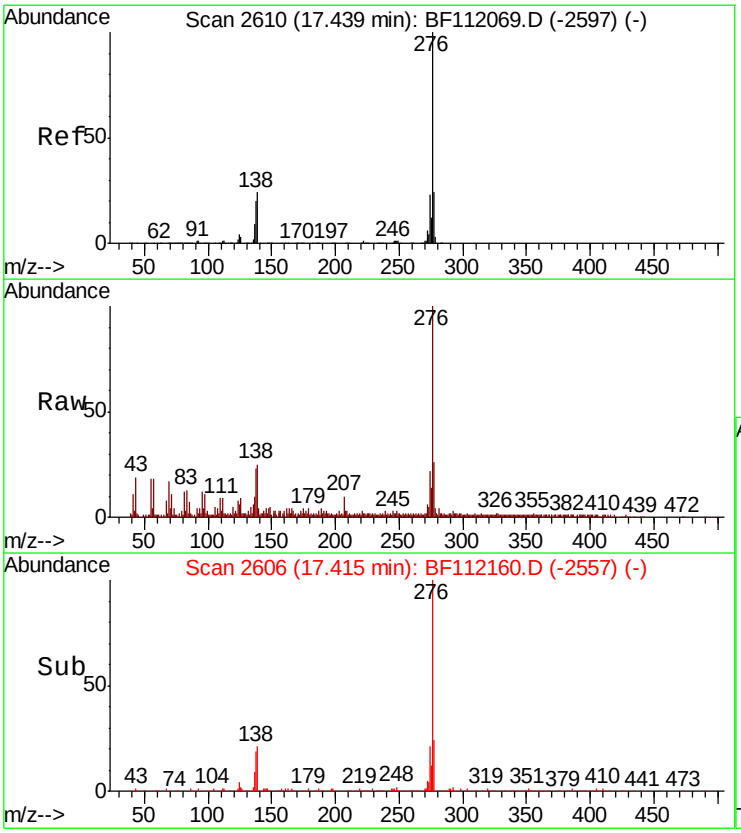
#91
Dibenzo(a,h)anthracene
Concen: 2.749 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.03 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:278 Resp: 49415

Ion	Ratio	Lower	Upper
278	100		
139	26.4	13.7	20.5#
279	26.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.367 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:276 Resp: 183606

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.0
138	24.5	19.1	28.7