Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112189.D
Acq On : 22 Jan 2019 13:20
Operator : JU/SJ
Sample : K1013-01RE 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jan 22 14:48:44 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	249681	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	975421	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	448844	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	736088	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	618260	20.00	ng		-0.01
87) Perylene-d12	15.49	264	614397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	349307	25.39	ng		-0.01
7) Phenol-d6	6.49	99	435117	25.28	ng		-0.01
23) Nitrobenzene-d5	7.40	82	267745	18.96	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	114802	23.71	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	582270	19.02	ng		-0.01
79) Terphenyl-d14	12.96	244	475413	16.36	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1008	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.40	70	36932	3.522	ng	#	78
25) Isophorone	7.40	82	260756	9.562	ng	#	64
31) Naphthalene	8.15	128	110951	2.501	ng		98
32) Benzoic acid	7.93	122	508	7.264	ng	#	2
51) 2,6-Dinitrotoluene	9.89	165	62375	9.542	ng	#	34
52) Acenaphthene	9.92	154	92909	3.542	ng		98
55) Dibenzofuran	10.09	168	99681	2.513	ng		98
56) 4-Nitrophenol	9.99	139	2312	6.066	ng	#	41
57) 2,4-Dinitrotoluene	9.89	165	62375	11.305	ng	#	32
58) Fluorene	10.43	166	170493	5.753	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	133	10.104	ng	#	1
71) Phenanthrene	11.40	178	1079022	29.128	ng		98
72) Anthracene	11.45	178	370919	9.884	ng		99
75) Fluoranthene	12.59	202	1363108	34.851	ng		98
78) Pyrene	12.82	202	1277905	31.329	ng		99
81) Benzo(a)anthracene	14.00	228	686740	19.373	ng		99
83) Chrysene	14.04	228	591435	17.632	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	291453	9.418	ng	#	93
88) Benzo(b)fluoranthene	15.06	252	1065433	30.549	ng		99
89) Benzo(k)fluoranthene	15.06	252	1065433	31.564	ng		99
90) Benzo(a)pyrene	15.43	252	598089	18.700	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	81067	2.854	ng	#	88
92) Benzo(g,h,i)perylene	17.42	276	264933	9.467	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
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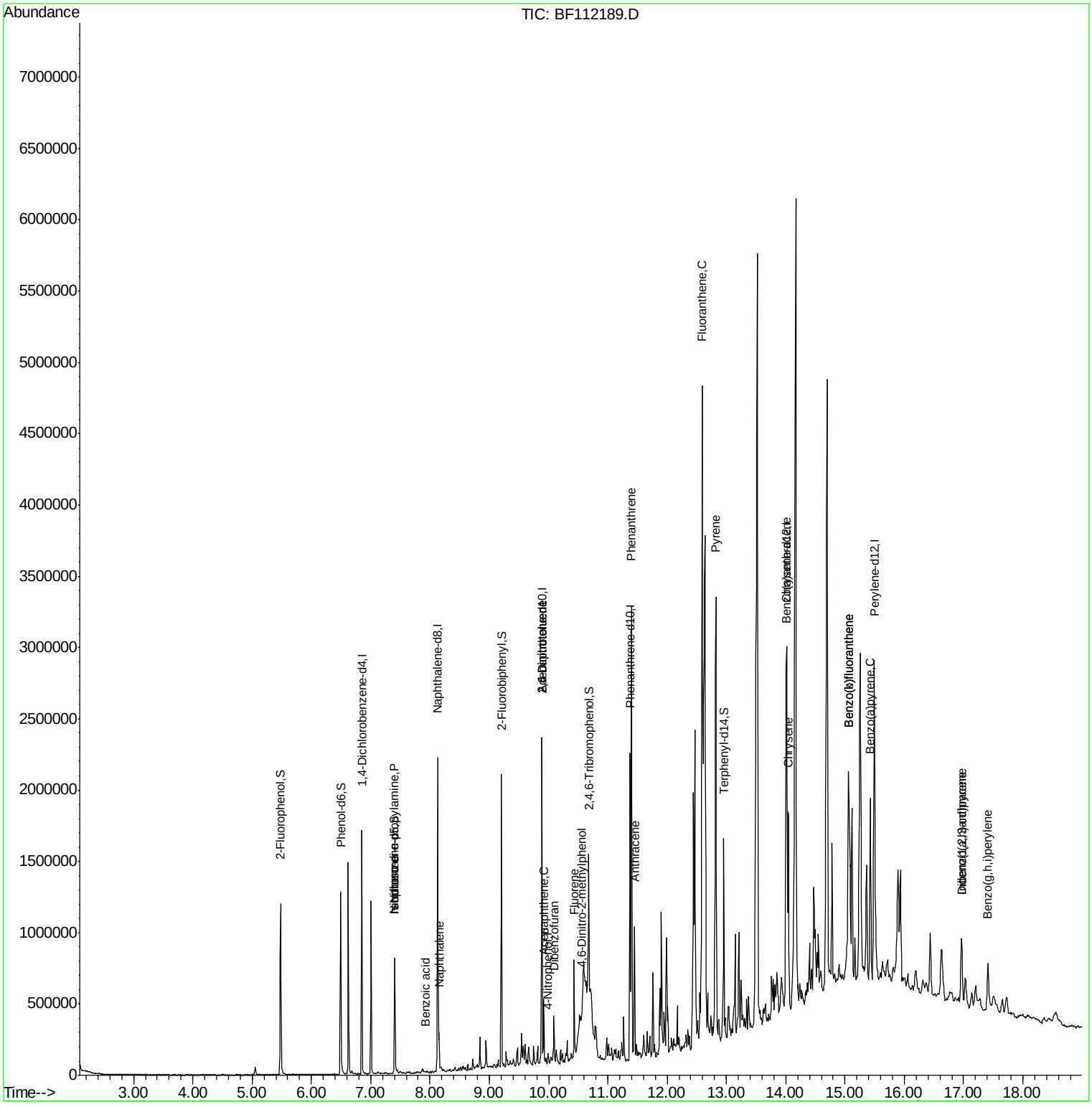
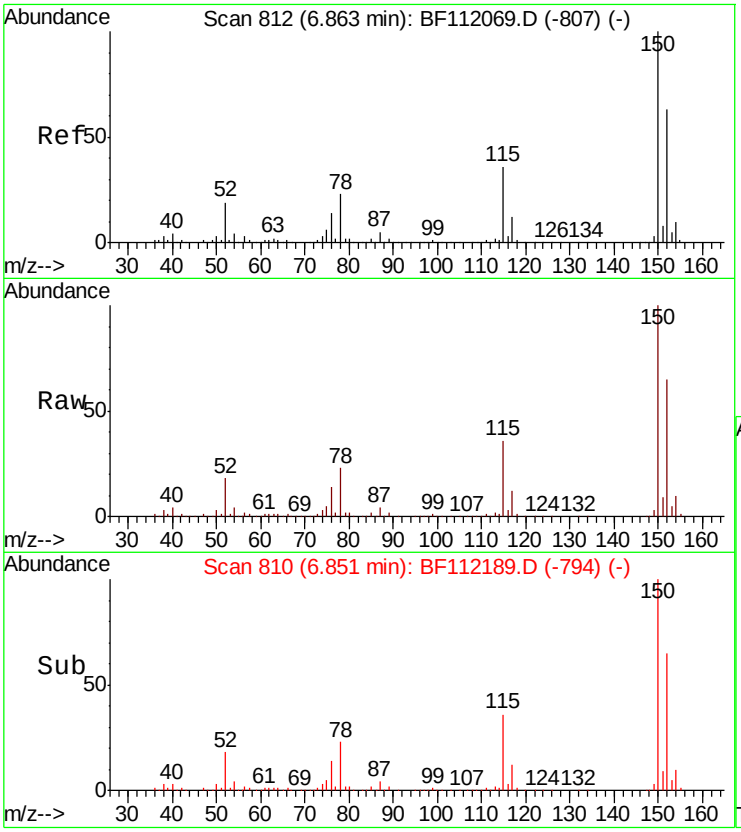
Acq On : 22 Jan 2019 13:20
Operator : JU/SJ
Sample : K1013-01RE 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jan 22 14:48:44 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



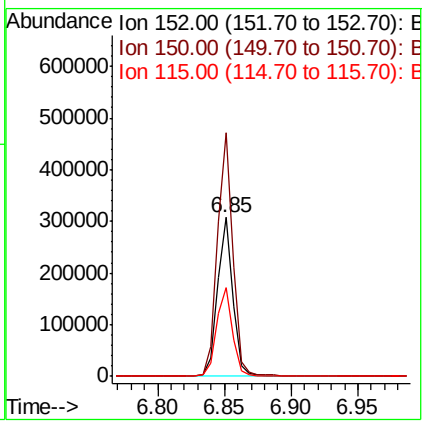


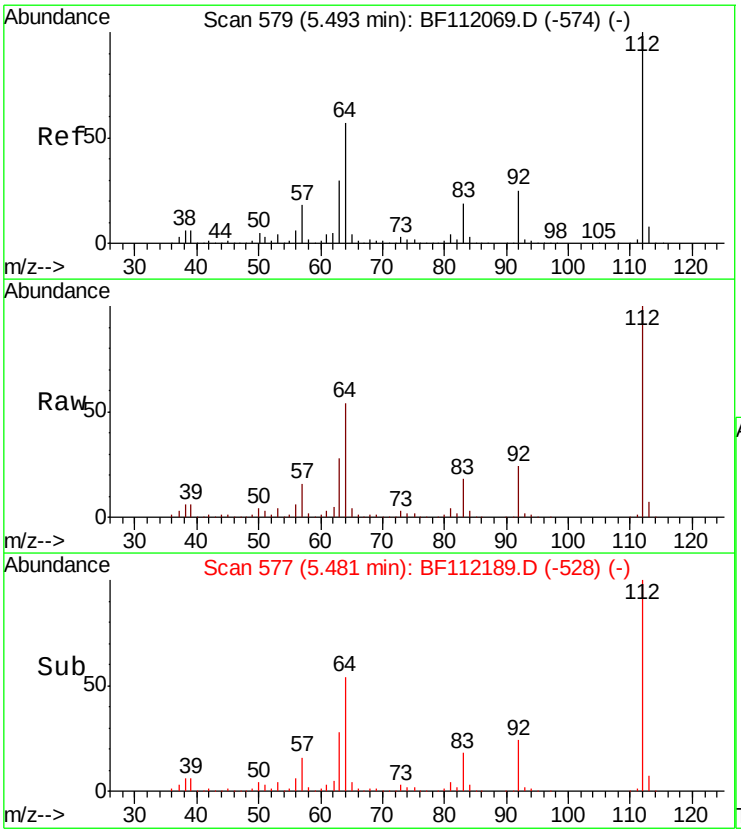
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:152 Resp: 249681

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	55.6	45.5	68.3

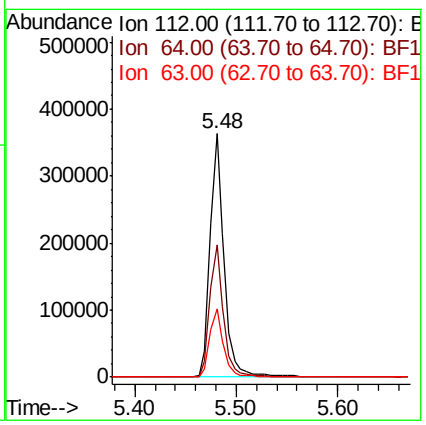


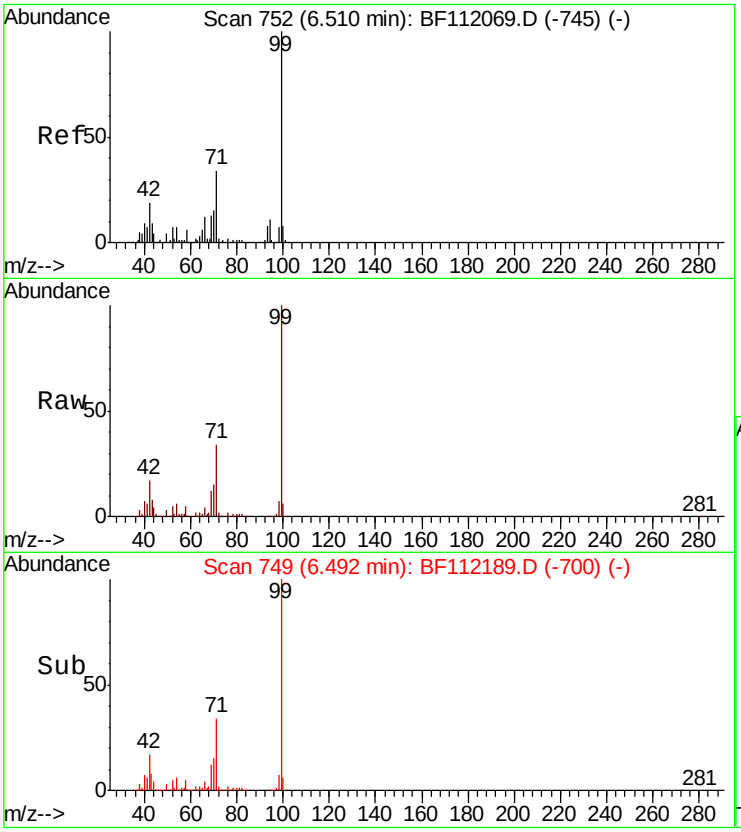


#5
2-Fluorophenol
Concen: 25.393 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:112 Resp: 349307

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	28.0	23.6	35.4



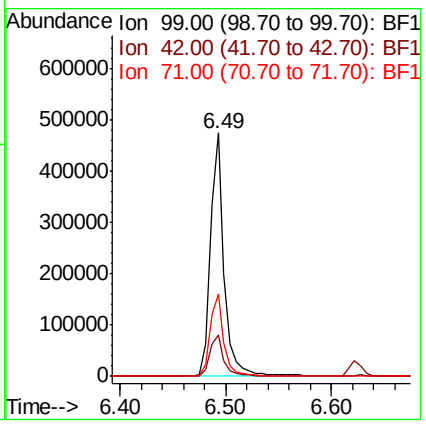


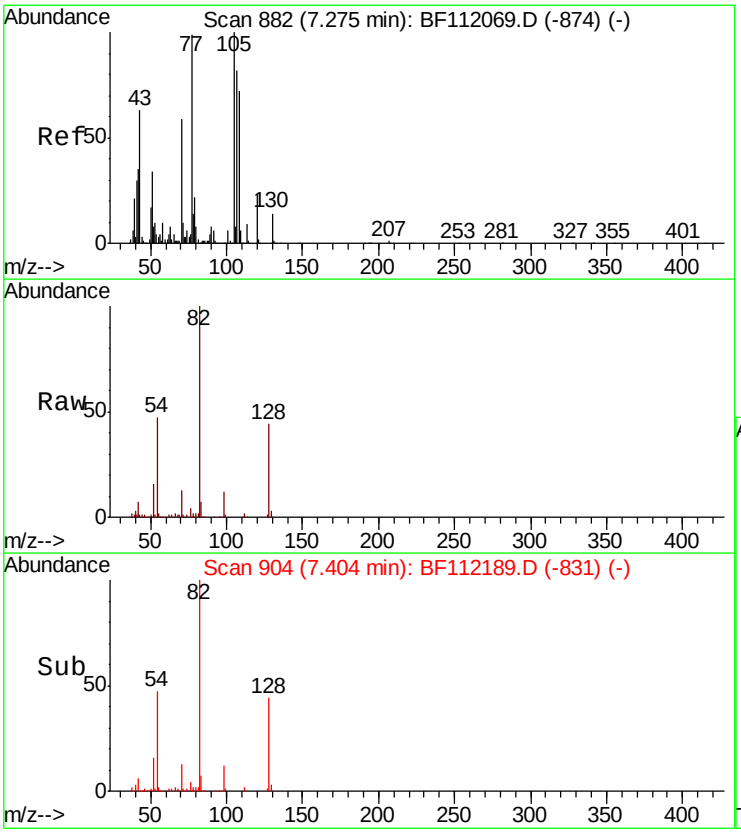
#7
Phenol-d6
Concen: 25.281 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion: 99 Resp: 435117

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.1	22.7
71	33.6	26.9	40.3

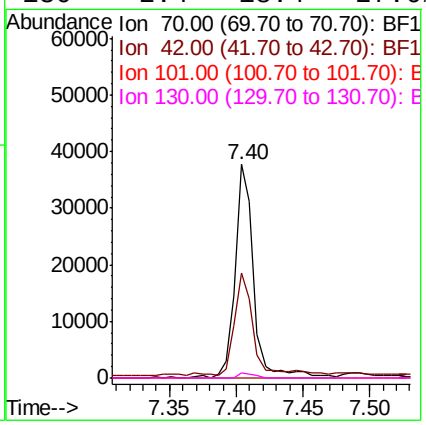


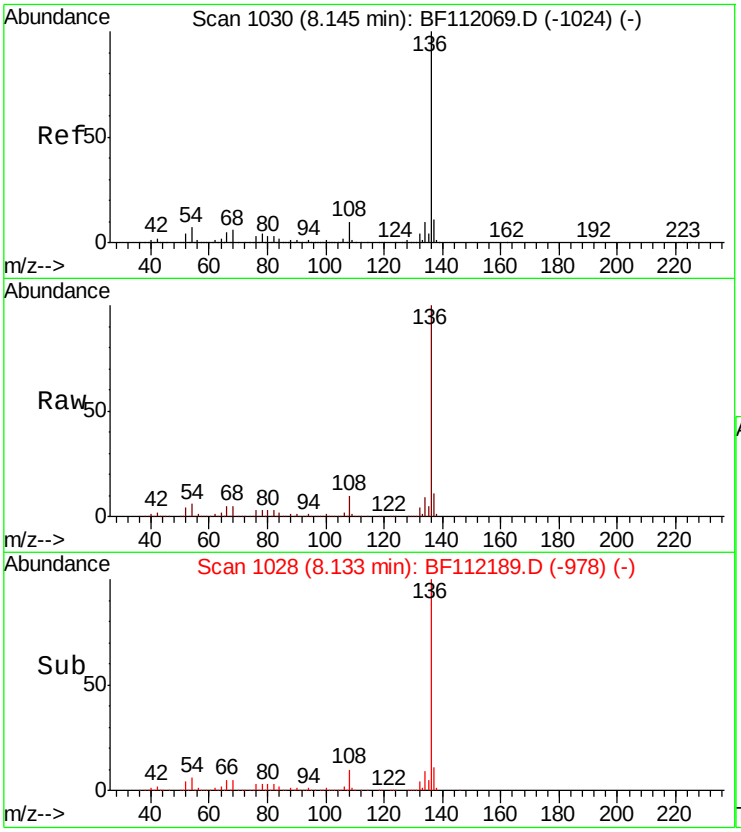


#19
n-Nitroso-di-n-propylamine
Concen: 3.522 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion: 70 Resp: 36932

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#



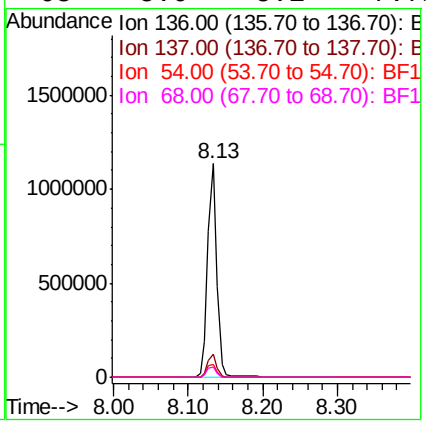


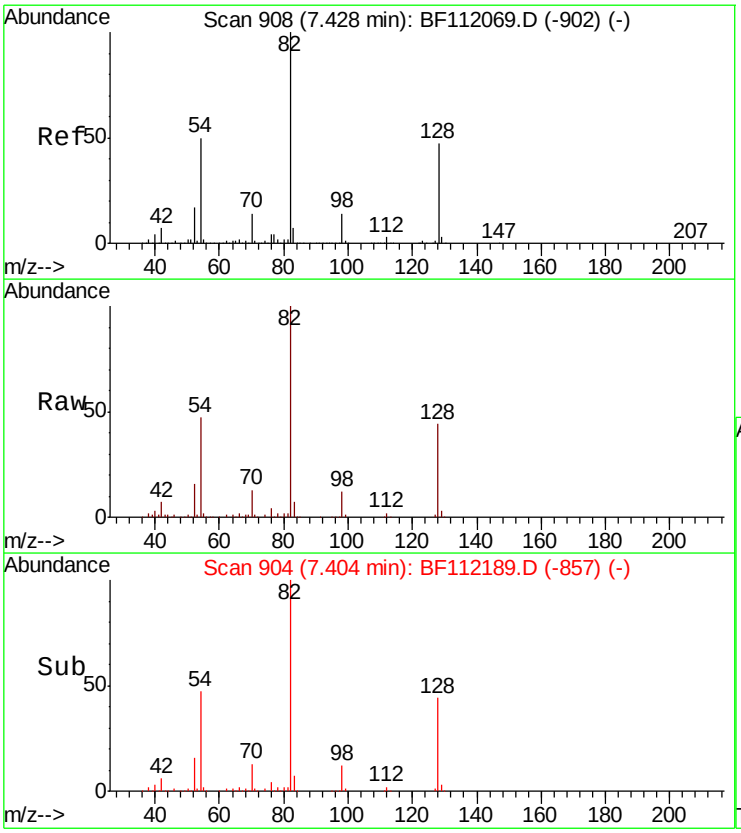
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:136 Resp: 975421

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	5.9	8.9
68	5.0	5.1	7.7#

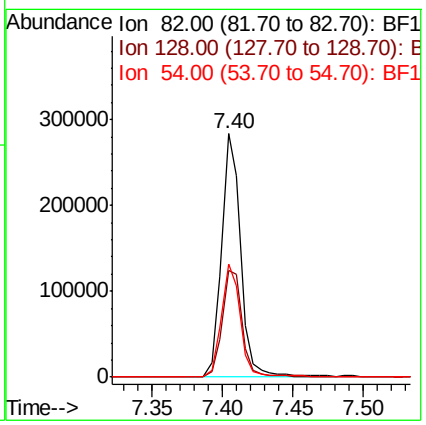


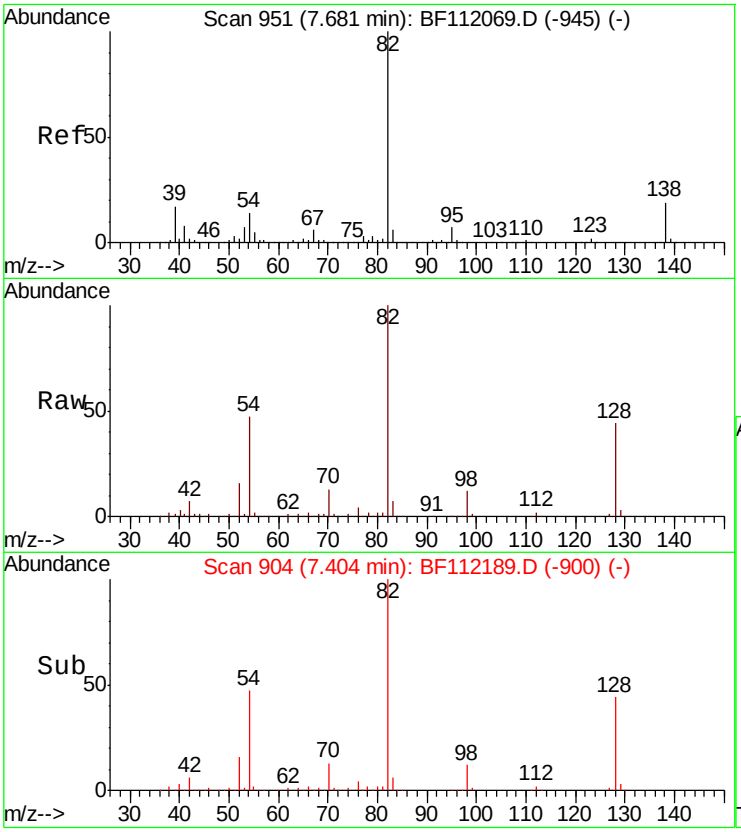


#23
Nitrobenzene-d5
Concen: 18.964 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion: 82 Resp: 267745

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.8	56.8
54	46.5	39.7	59.5



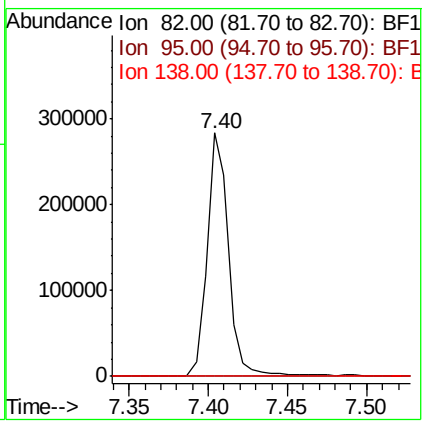


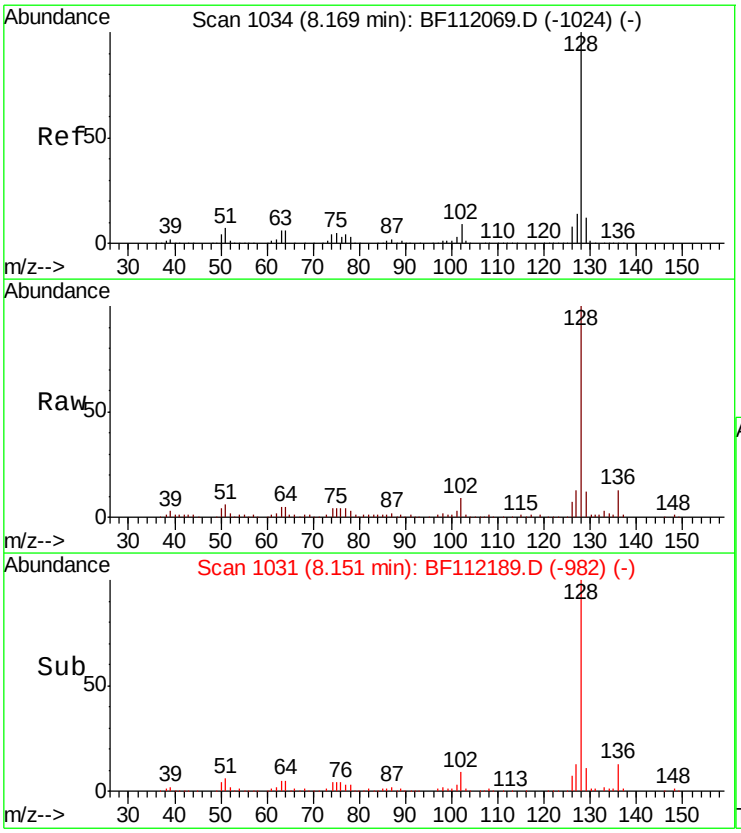
#25
Isophorone
Concen: 9.562 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion: 82 Resp: 260756

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

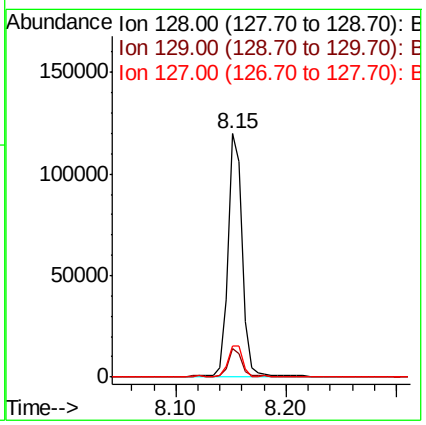


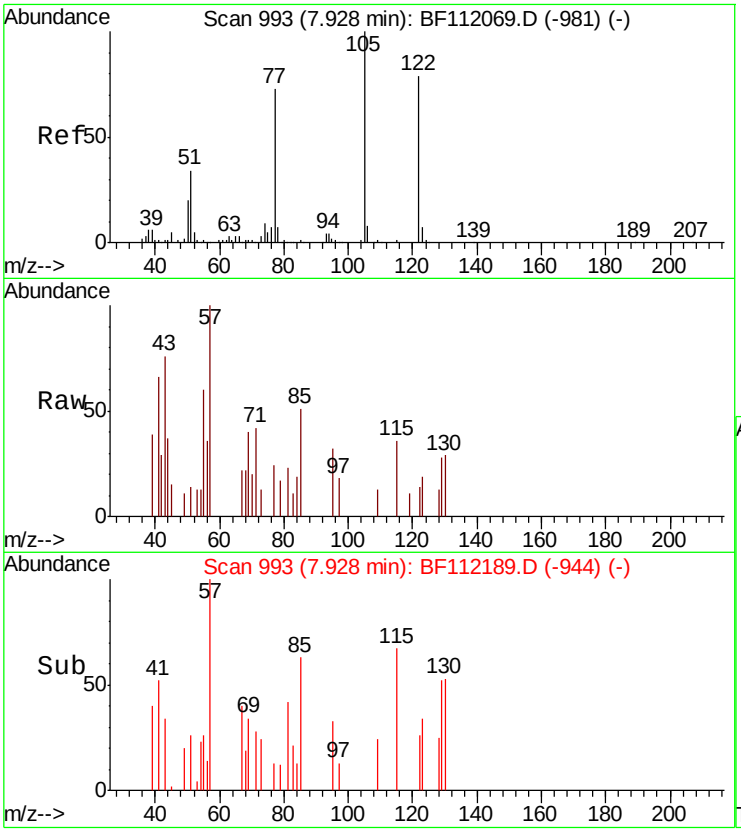


#31
Naphthalene
Concen: 2.501 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:128 Resp: 110951

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	12.9	11.1	16.7



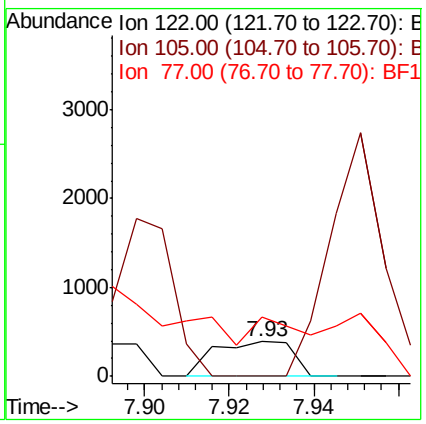


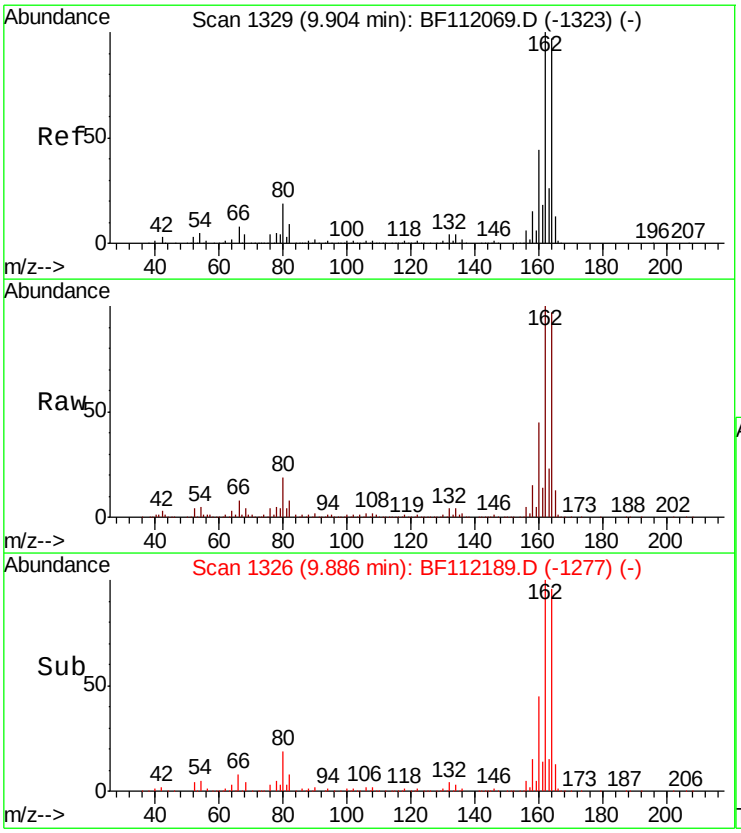
#32
Benzoic acid
Concen: 7.264 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:122 Resp: 508

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	169.6	70.4	110.4#

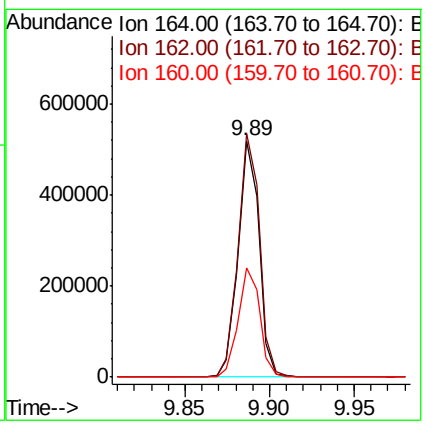


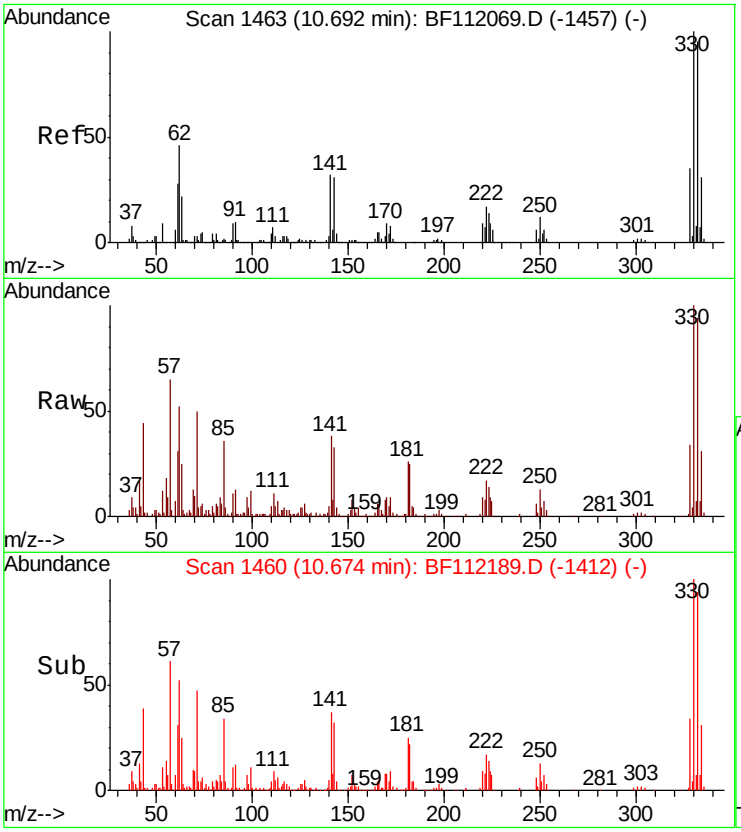


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:164 Resp: 448844

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	46.1	36.2	54.4



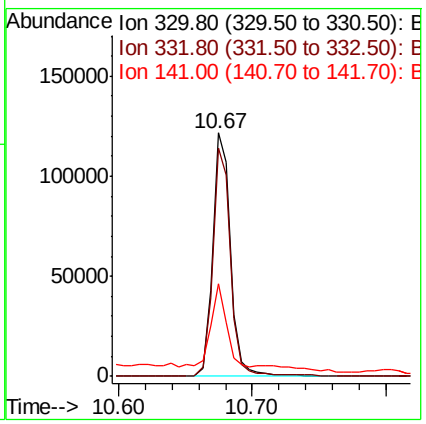


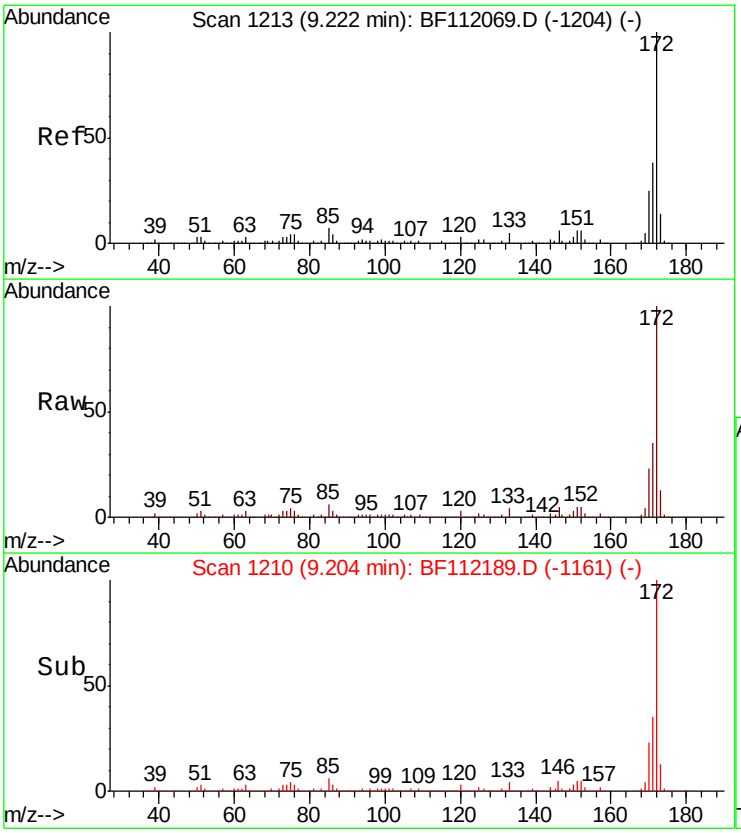
#42
2,4,6-Tribromophenol
Concen: 23.709 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:330 Resp: 114802

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	114.8
141	28.1	24.3	36.5

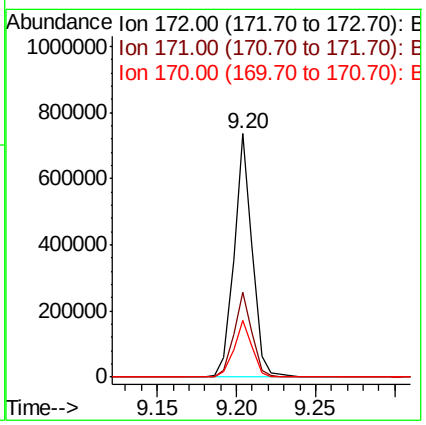


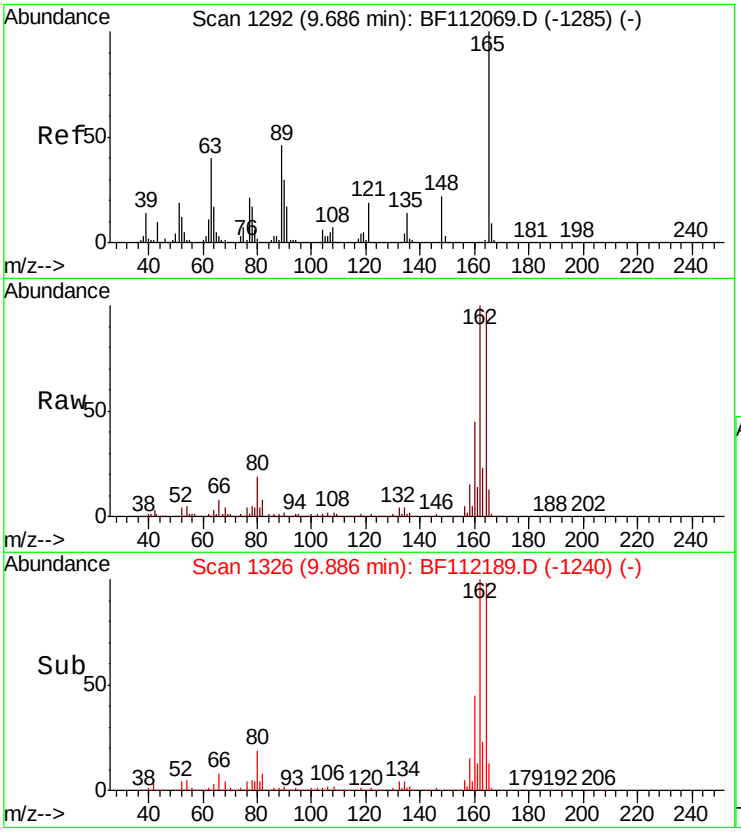


#45
2-Fluorobiphenyl
Concen: 19.019 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:172 Resp: 582270

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.5	45.7
170	23.2	20.2	30.4



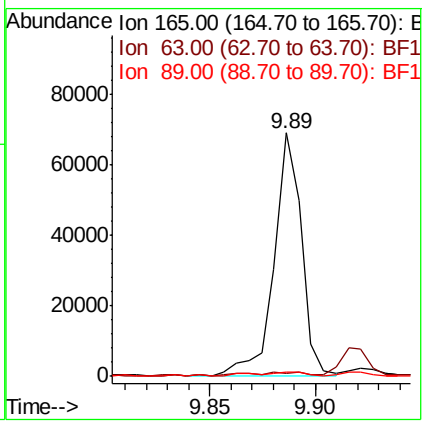


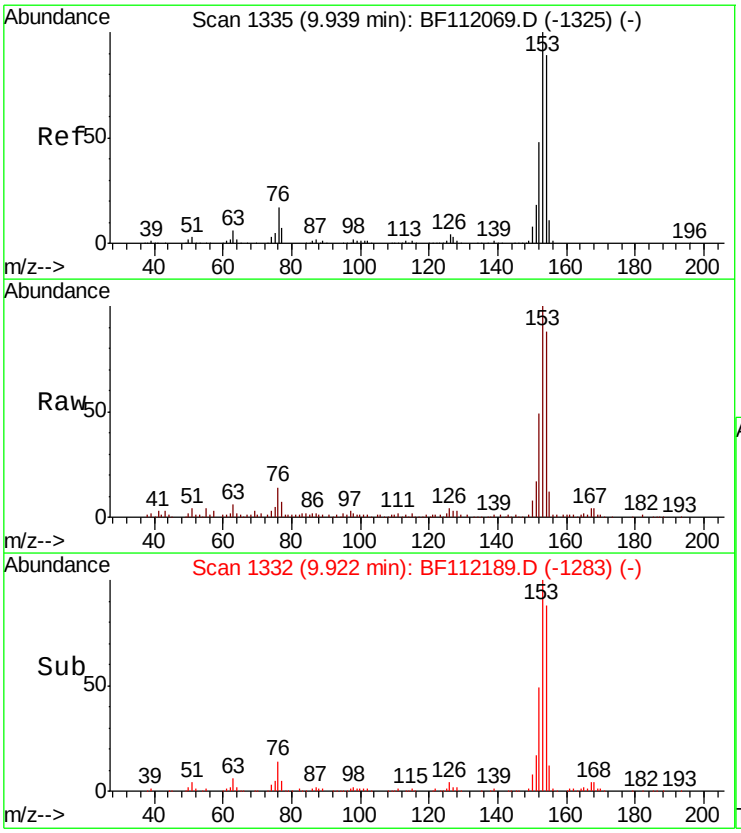
#51
2,6-Dinitrotoluene
Concen: 9.542 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:165 Resp: 62375

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.5	36.9	55.3#

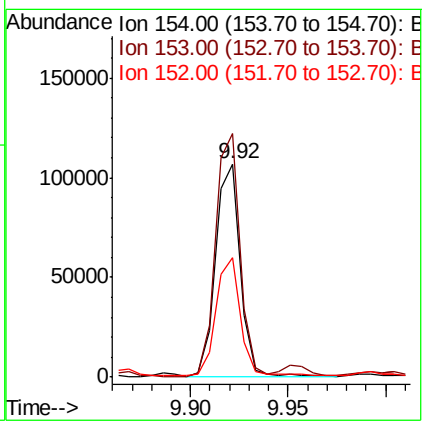


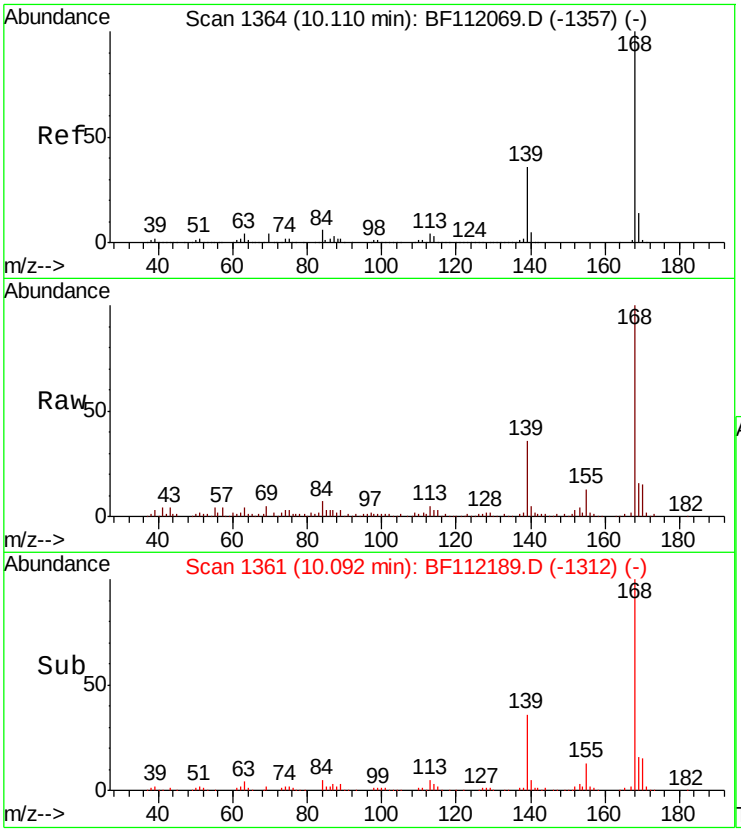


#52
Acenaphthene
Concen: 3.542 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:154 Resp: 92909

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	56.2	43.5	65.3



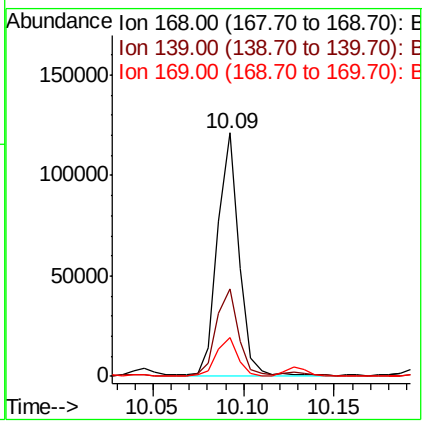


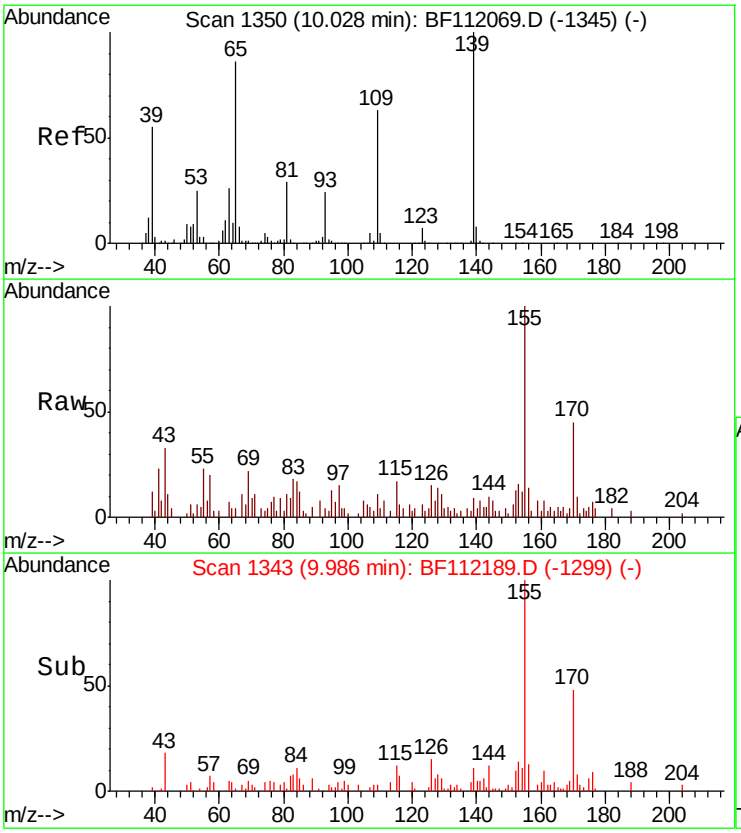
#55
Dibenzofuran
Concen: 2.513 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:168 Resp: 99681

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.2	43.8
169	16.1	11.4	17.0

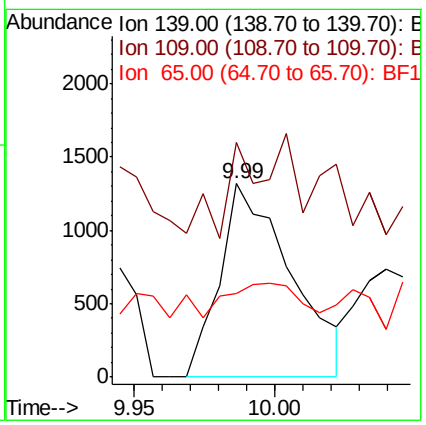


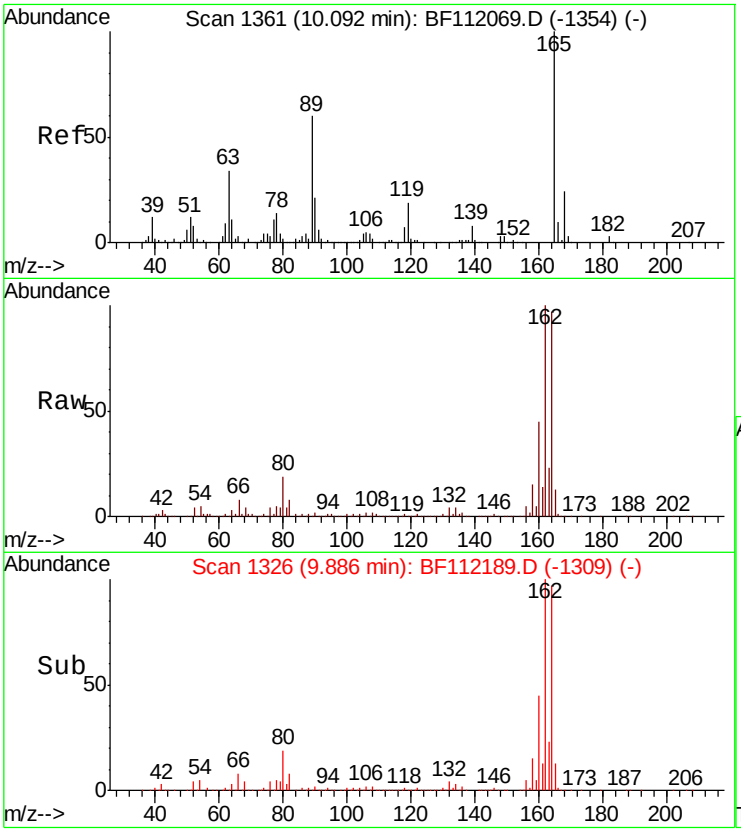


#56
4-Nitrophenol
Concen: 6.066 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.04 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:139 Resp: 2312

Ion	Ratio	Lower	Upper
139	100		
109	121.7	42.8	82.8#
65	43.6	66.1	106.1#



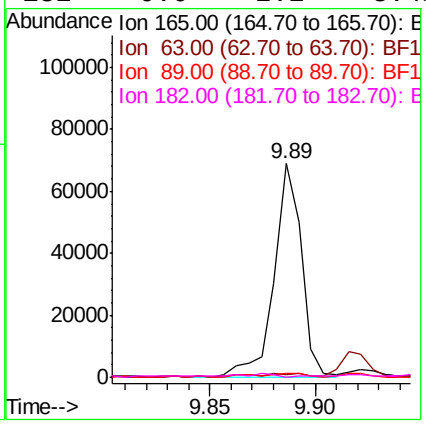


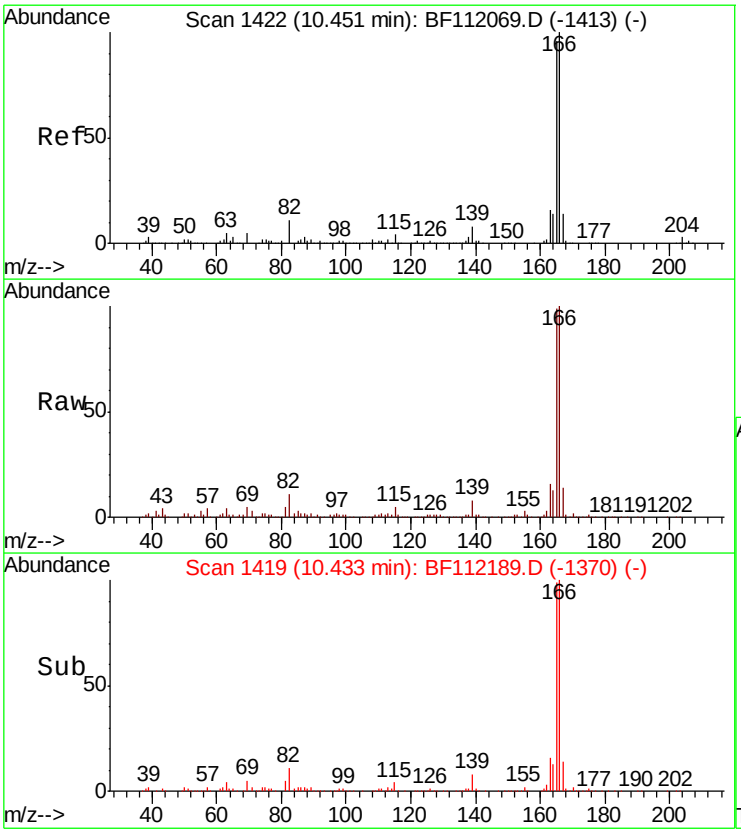
#57
2,4-Dinitrotoluene
Concen: 11.305 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:165 Resp: 62375

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

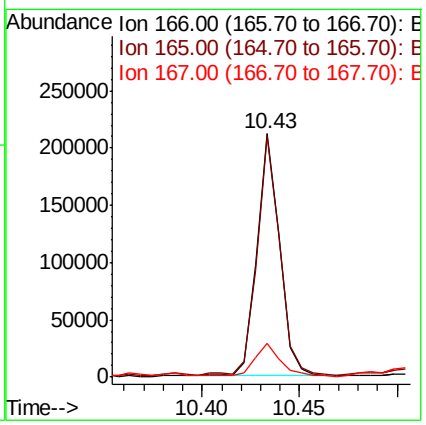


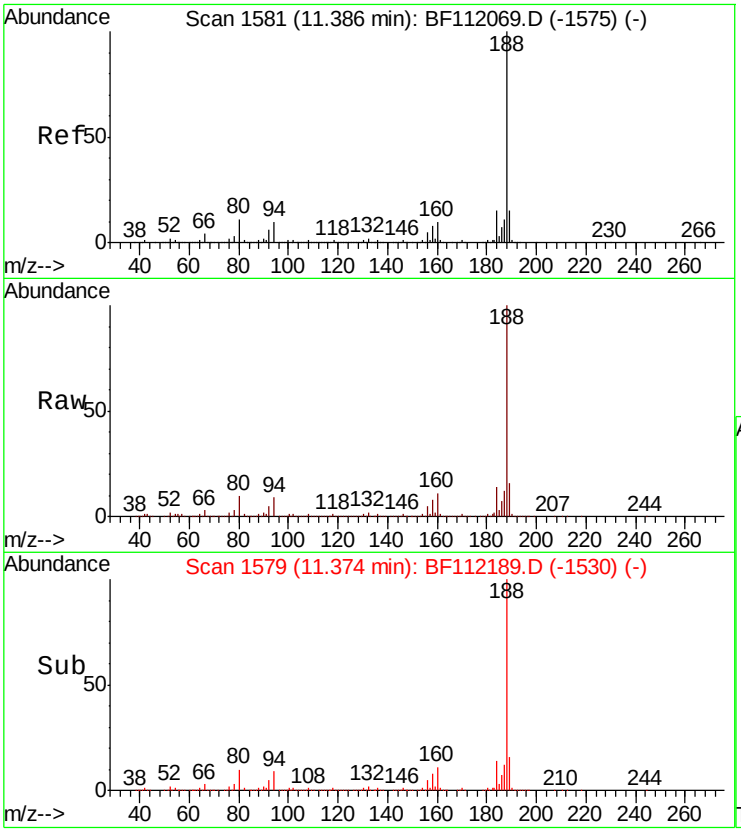


#58
Fluorene
Concen: 5.753 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:166 Resp: 170493

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.1	115.7
167	14.1	11.3	16.9



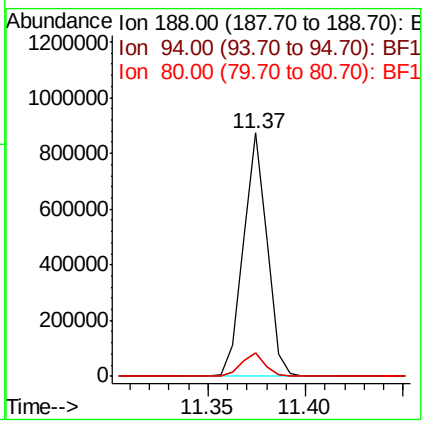


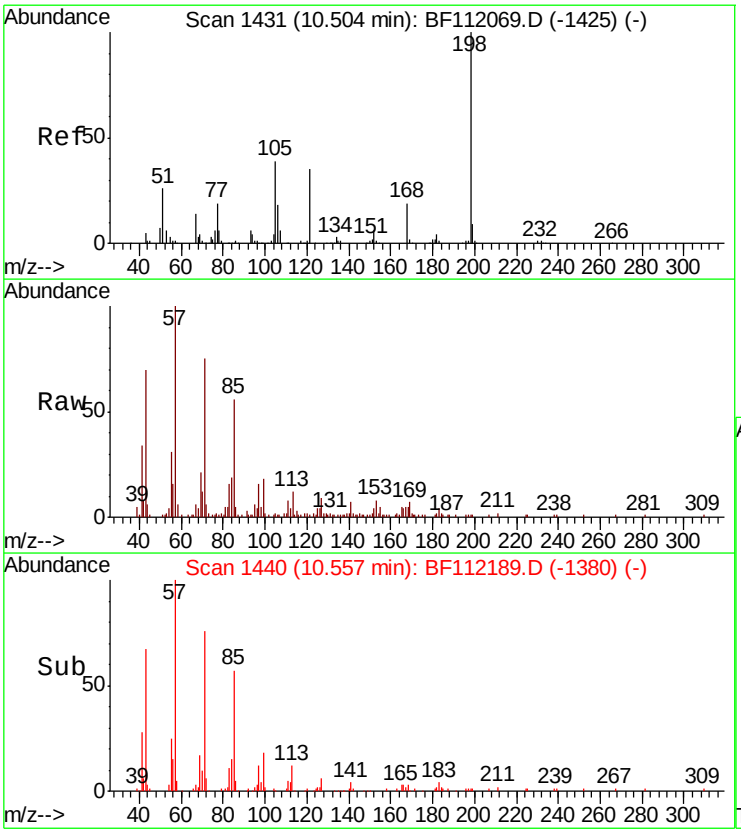
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:188 Resp: 736088

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.8	8.9	13.3

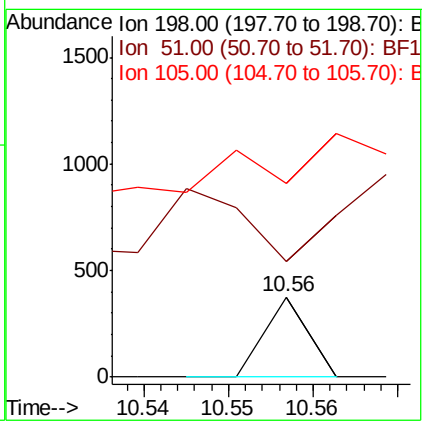


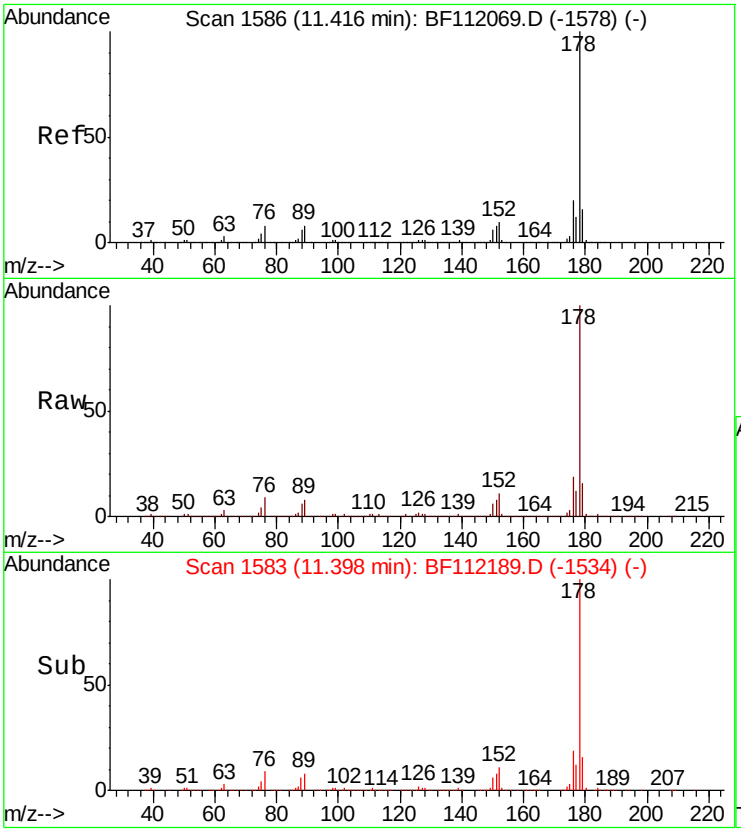


#65
4,6-Dinitro-2-methylphenol
Concen: 10.104 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.05 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:198 Resp: 133

Ion	Ratio	Lower	Upper
198	100		
51	144.4	17.2	57.2#
105	242.3	21.9	61.9#



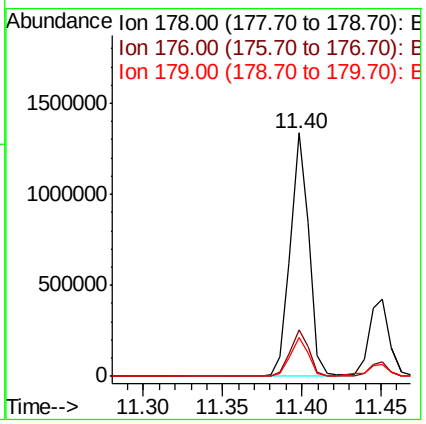


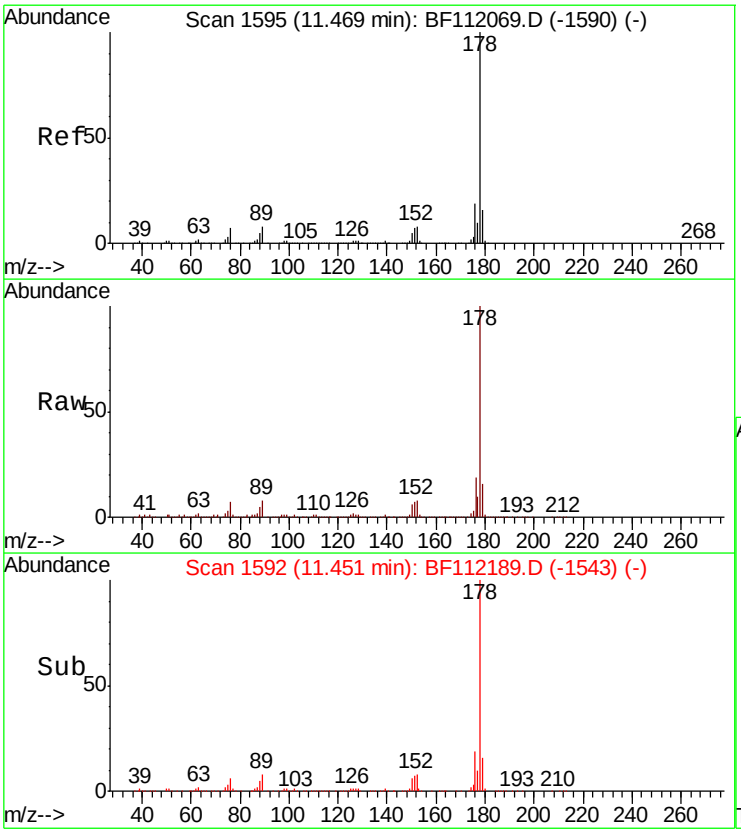
#71
Phenanthrene
Concen: 29.128 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:178 Resp: 1079022

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.8	13.0	19.4

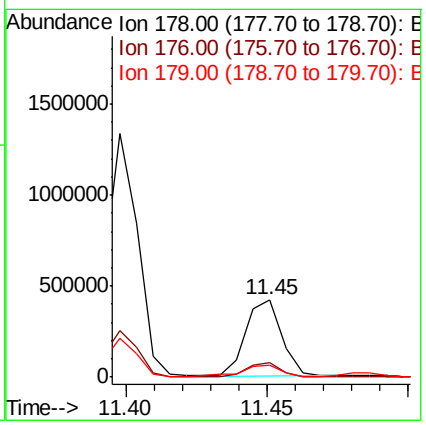


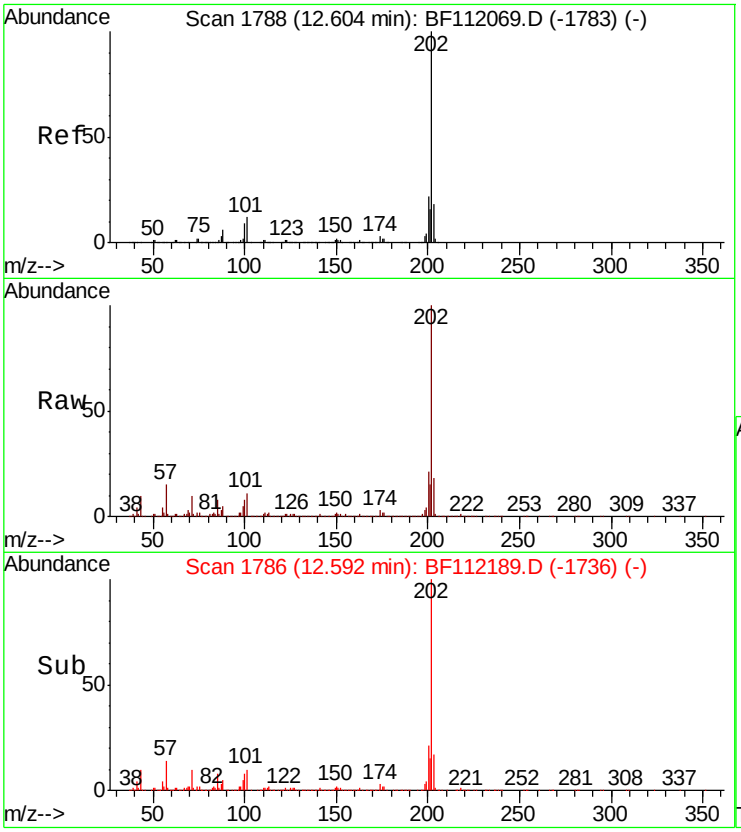


#72
Anthracene
Concen: 9.884 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:178 Resp: 370919

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.9	12.8	19.2



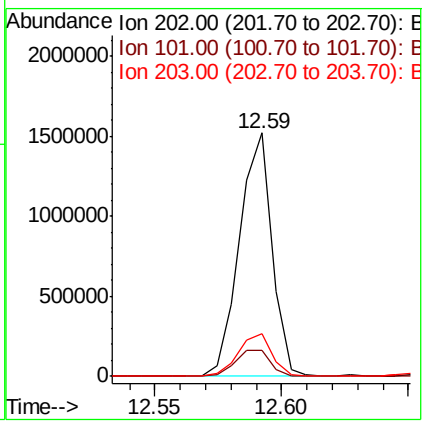


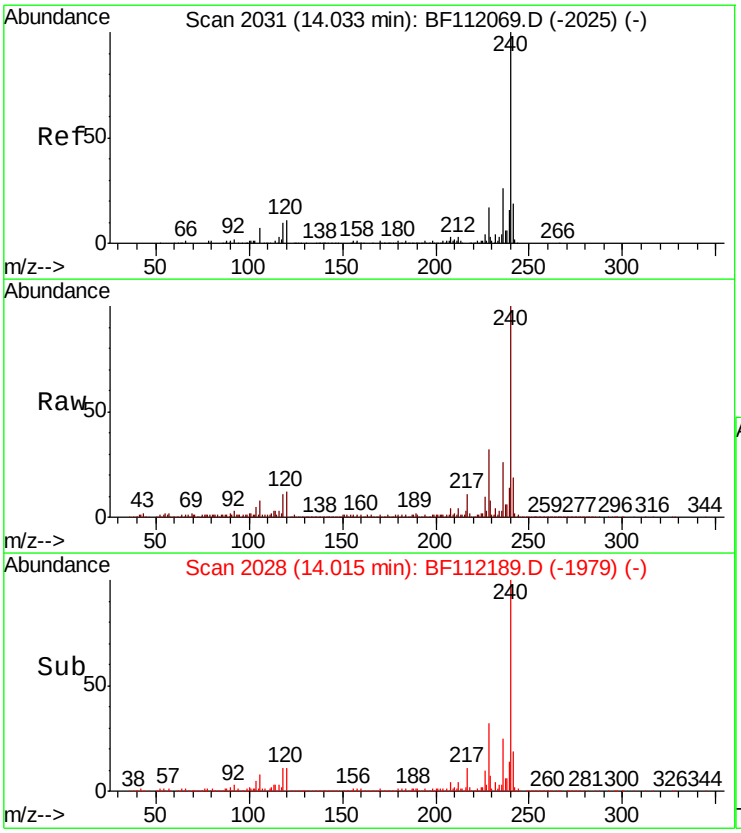
#75
Fluoranthene
Concen: 34.851 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:202 Resp: 1363108

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	17.5	0.0	38.4

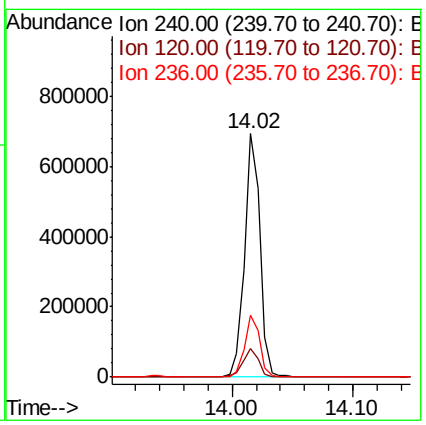


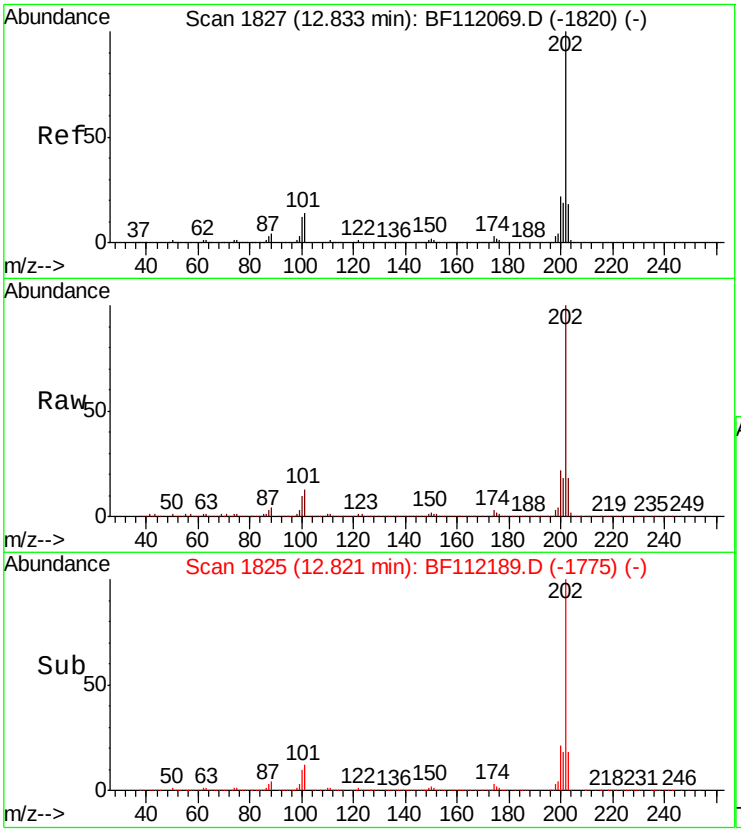


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:240 Resp: 618260

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	25.5	20.7	31.1



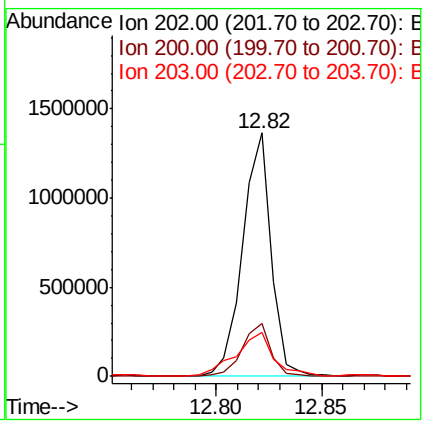


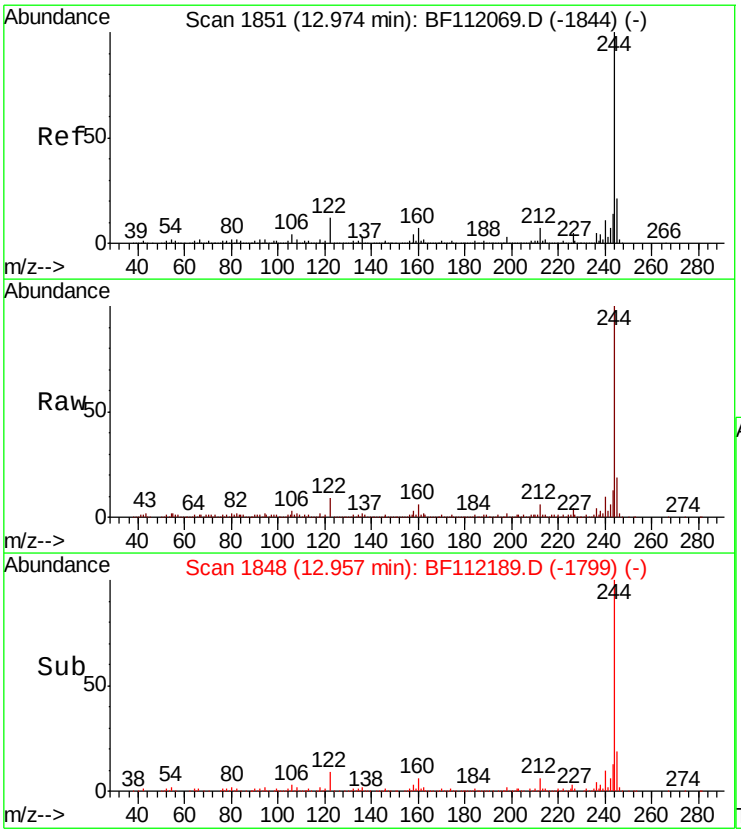
#78
Pyrene
Concen: 31.329 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:202 Resp: 1277905

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.3	14.6	22.0

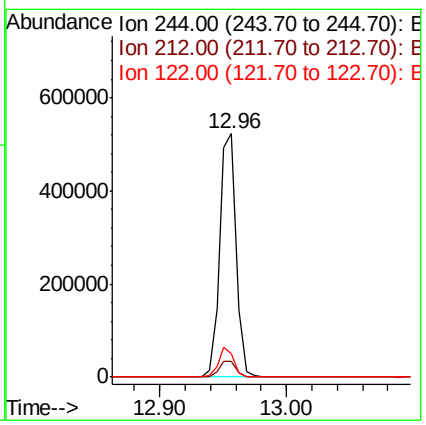


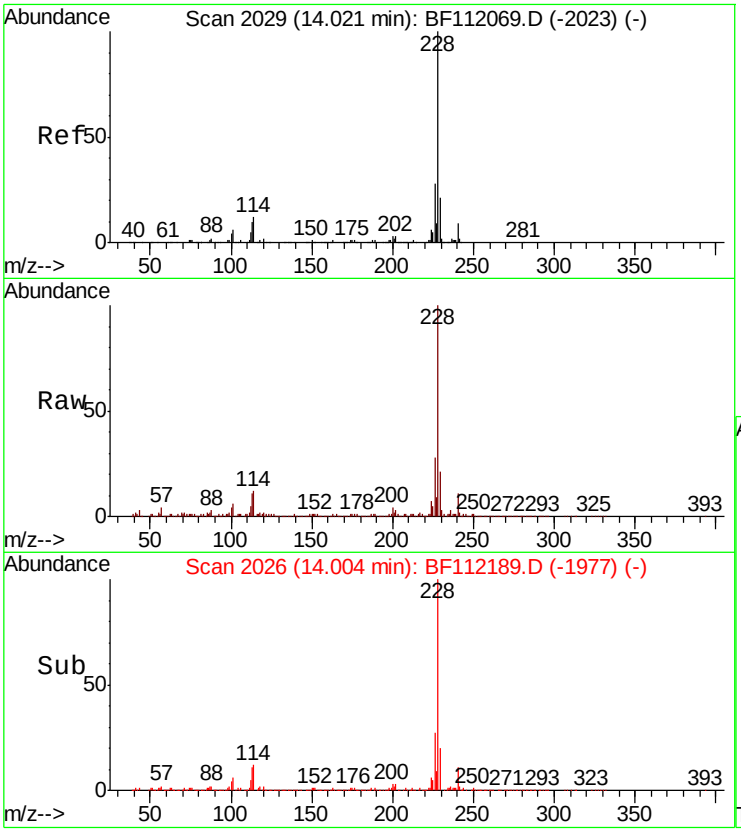


#79
Terphenyl-d14
Concen: 16.359 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:244 Resp: 475413

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	9.5	9.8	14.6#



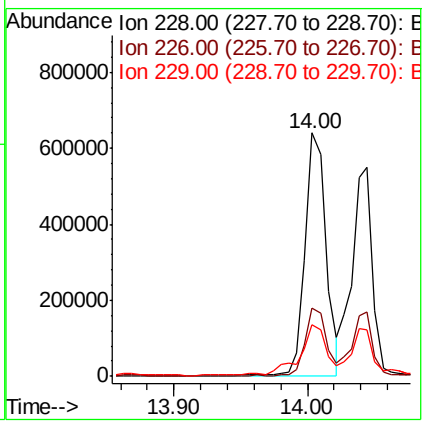


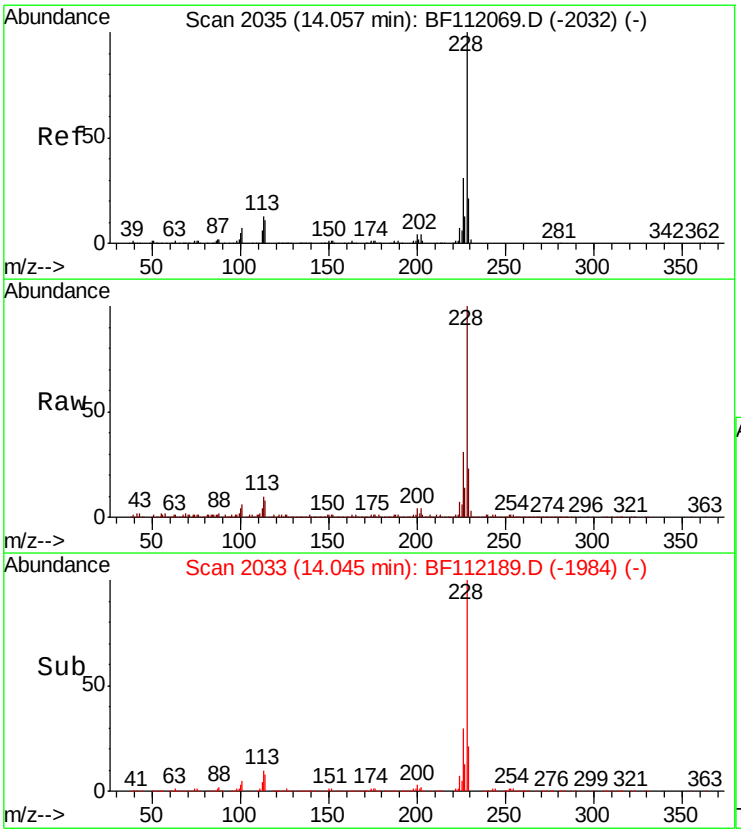
#81
Benzo(a)anthracene
Concen: 19.373 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:228 Resp: 686740

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	21.0	16.5	24.7

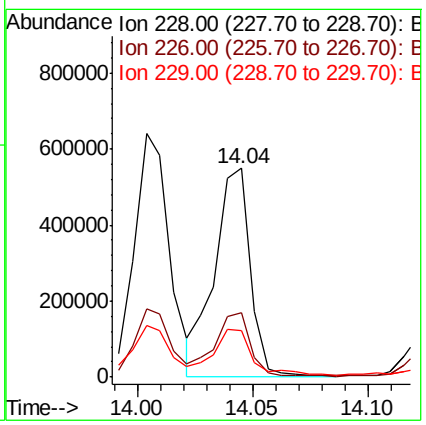


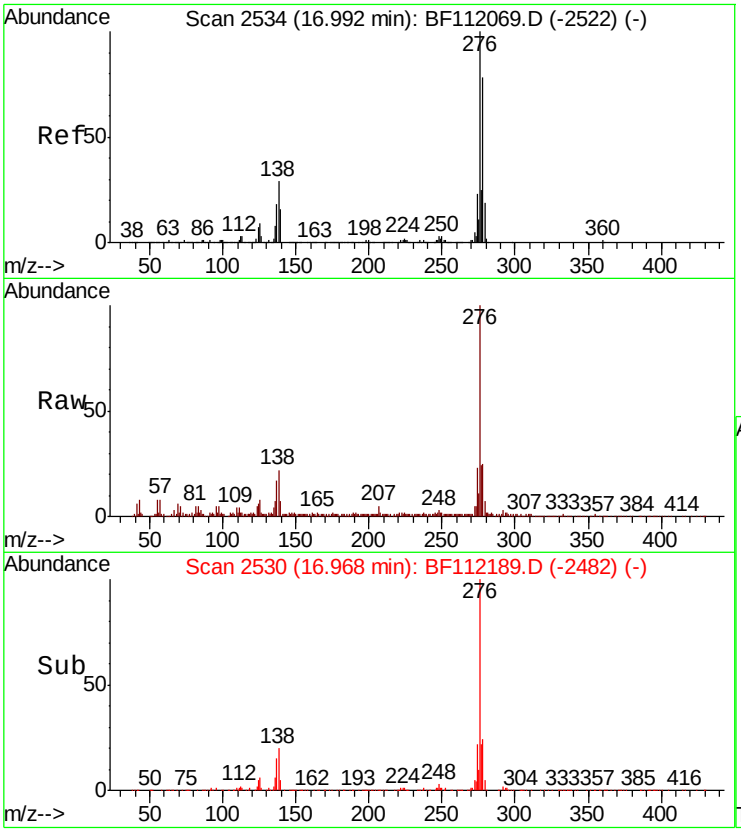


#83
Chrysene
Concen: 17.632 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:228 Resp: 591435

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.5	16.6	24.8



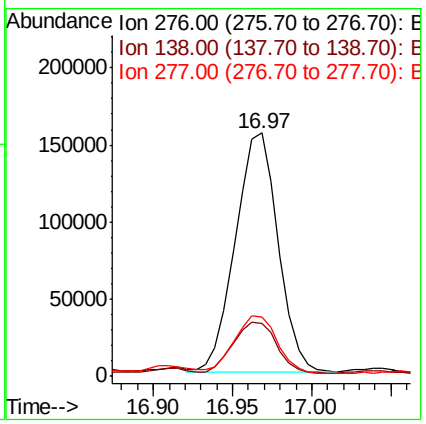


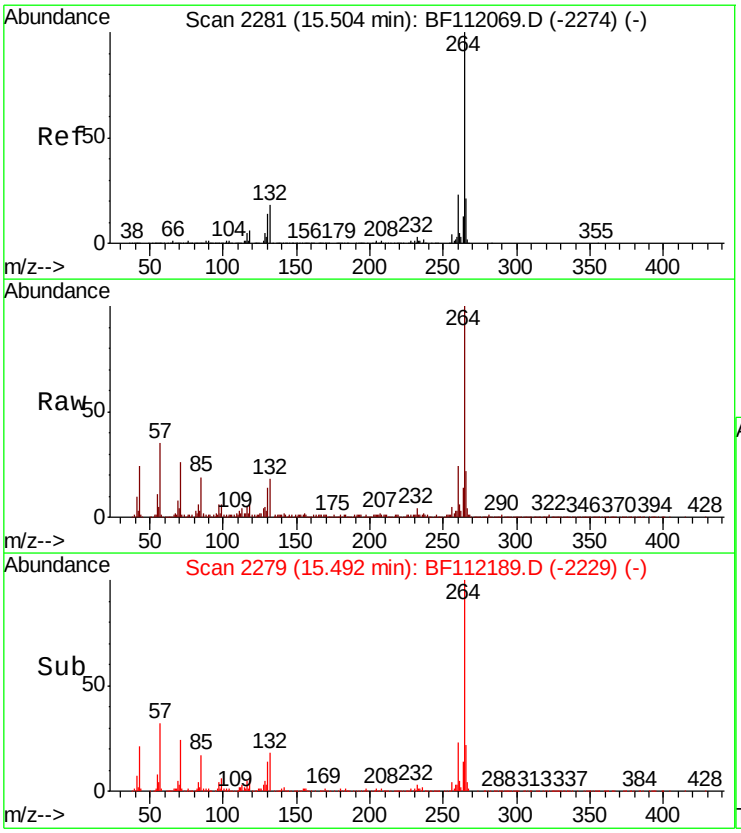
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.418 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:276 Resp: 291453

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.6	34.0#
277	24.6	20.3	30.5

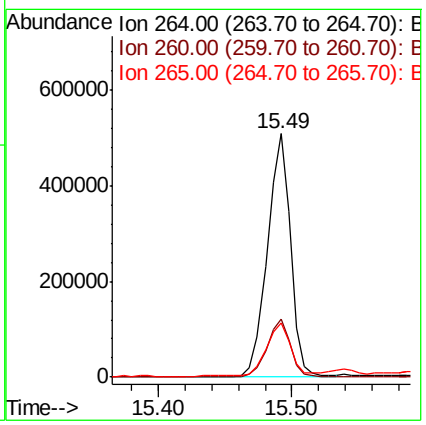


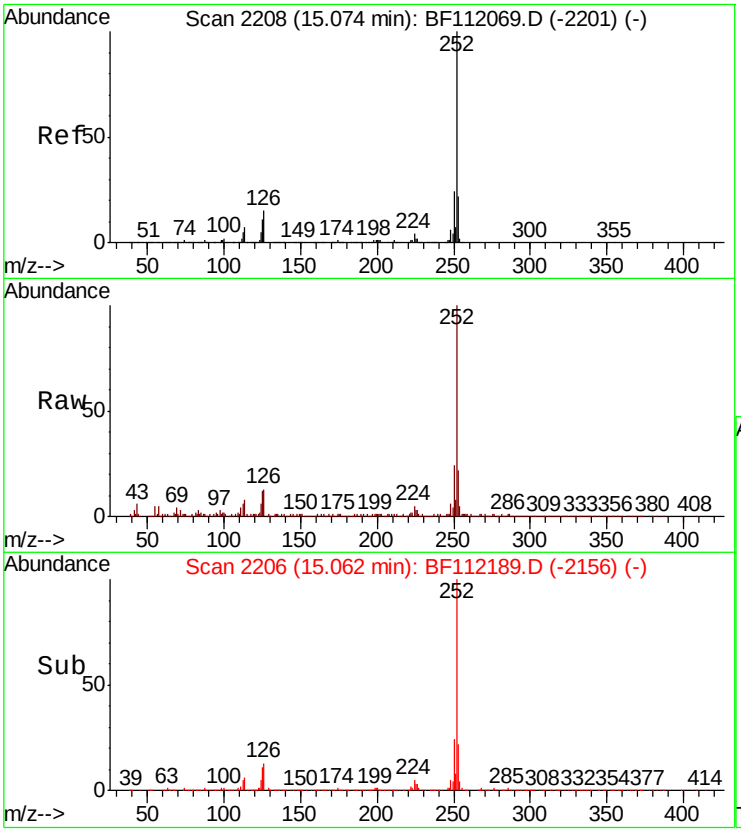


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:264 Resp: 614397

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.2	17.0	25.4



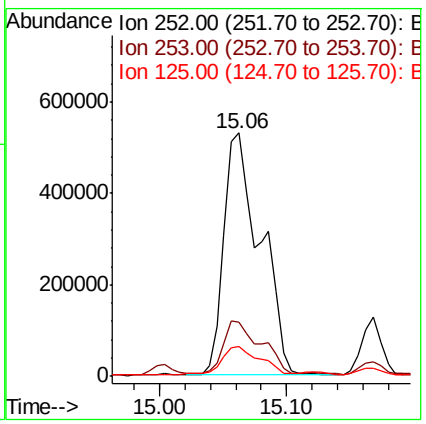


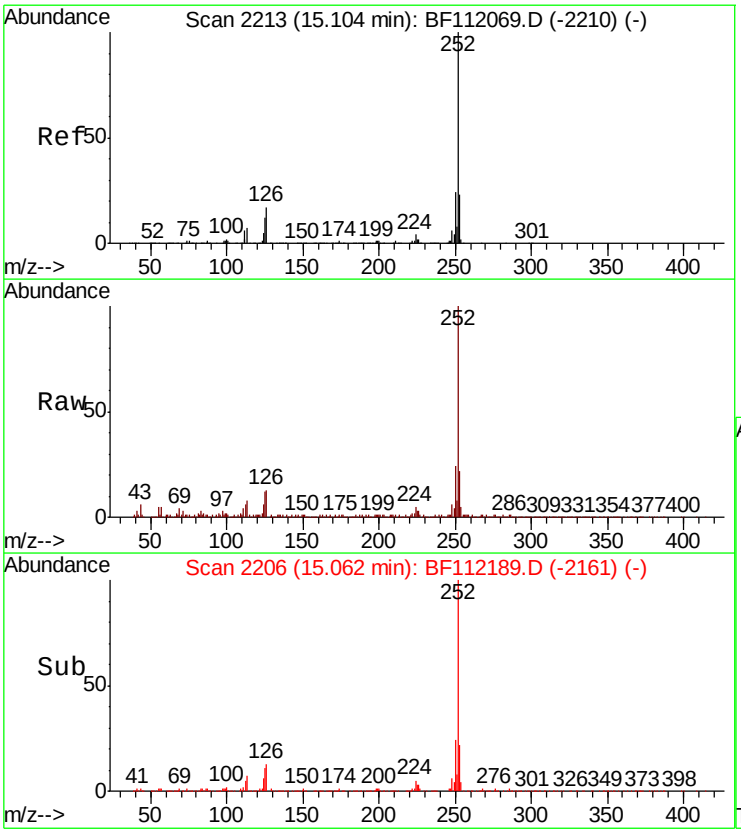
#88
Benzo(b)fluoranthene
Concen: 30.549 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:252 Resp: 1065433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.1	8.7	13.1

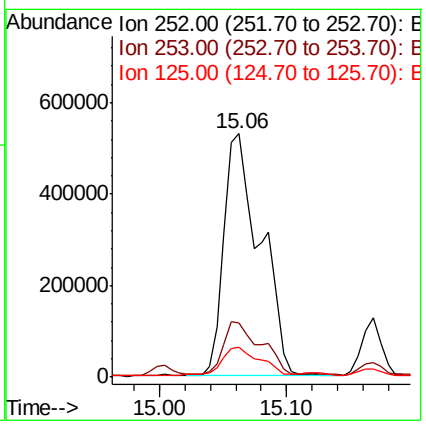


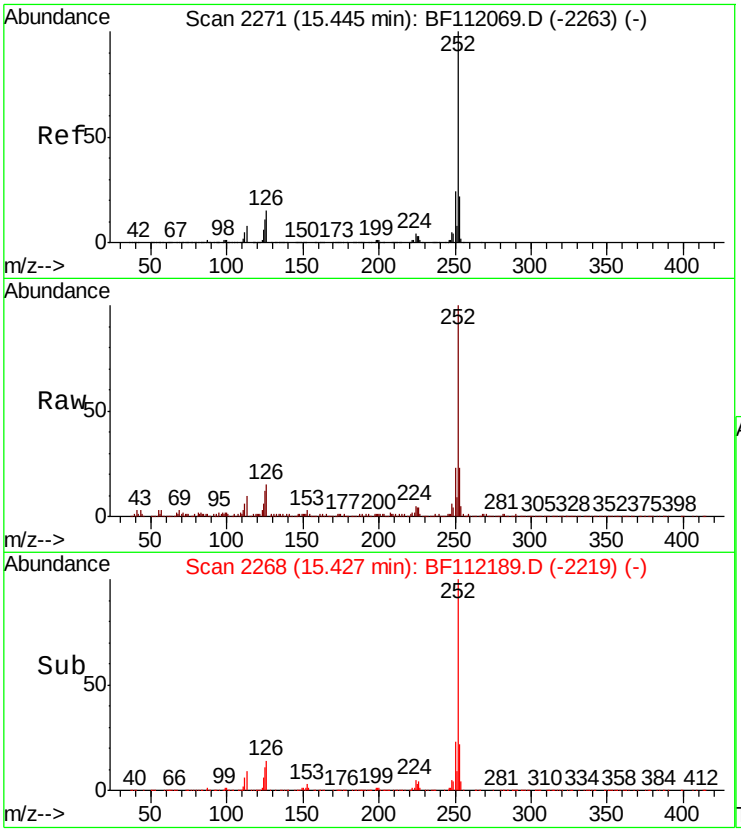


#89
Benzo(k)fluoranthene
Concen: 31.564 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:252 Resp: 1065433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.1	9.1	13.7



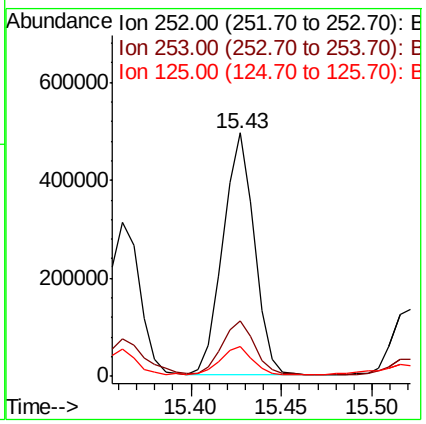


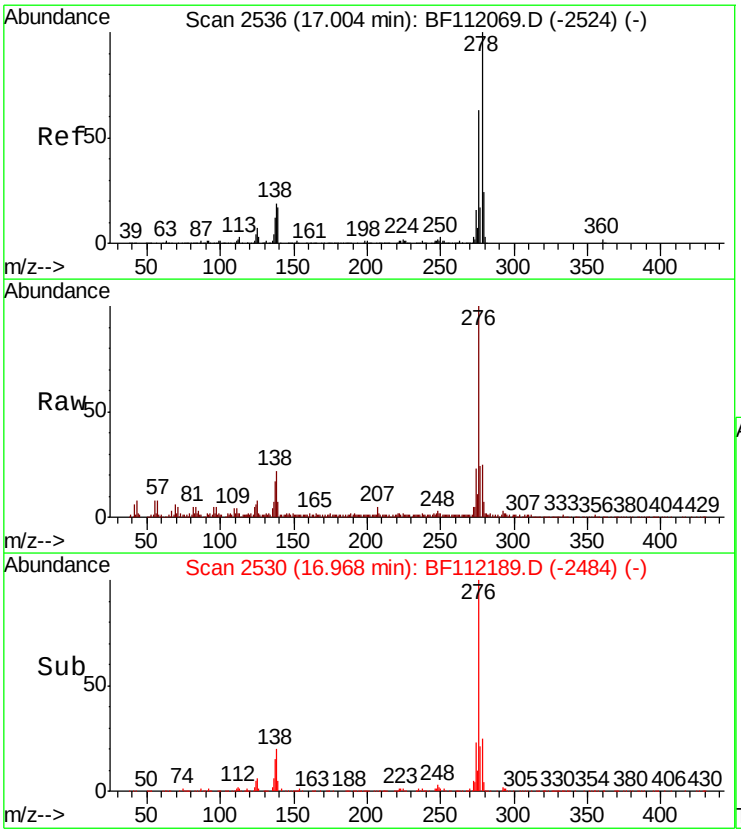
#90
Benzo(a)pyrene
Concen: 18.700 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:252 Resp: 598089

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.1	9.0	13.4

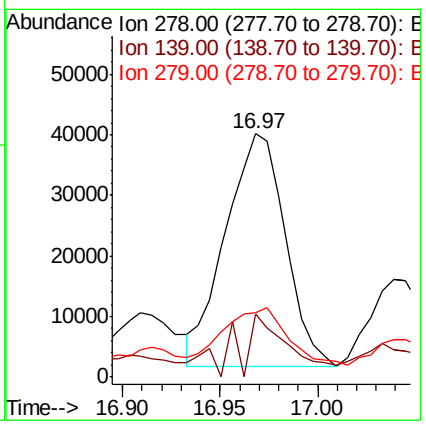


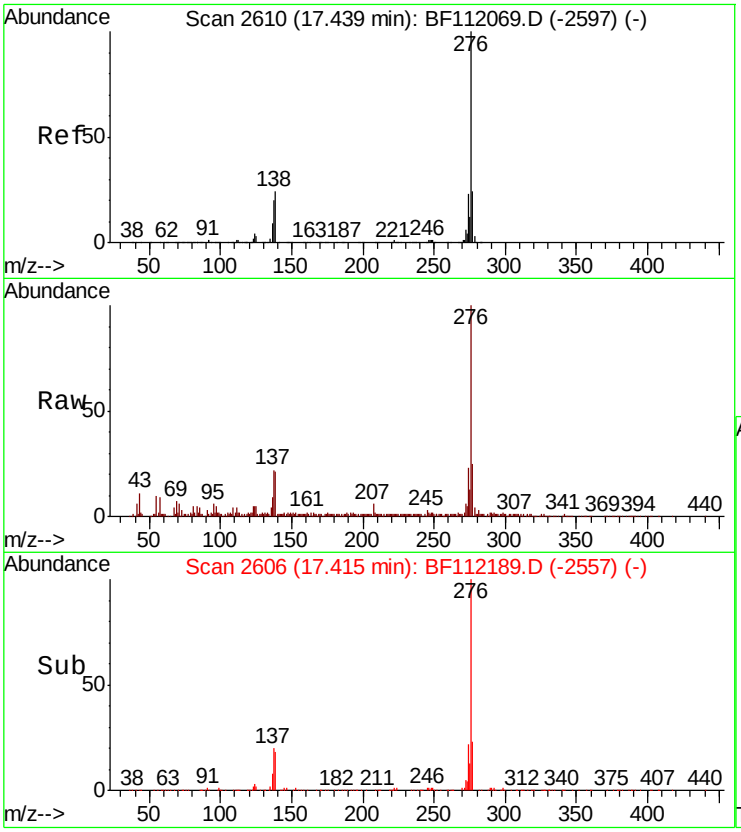


#91
Dibenzo(a,h)anthracene
Concen: 2.854 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.03 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

Tgt Ion:278 Resp: 81067

Ion	Ratio	Lower	Upper
278	100		
139	25.7	13.7	20.5#
279	26.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.467 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF112189.D
Acq: 22 Jan 2019 13:20

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

Tgt Ion:276 Resp: 264933

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	21.2	19.1	28.7