Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0038-AMND-COMP-1

Quant Time: Feb 01 23:19:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159647	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	612586	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	298325	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	534295	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	310433	20.00	ng		-0.01
87) Perylene-d12	15.47	264	349533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	795766	105.87	ng		0.00
7) Phenol-d6	6.49	99	1166769	111.72	ng		0.00
23) Nitrobenzene-d5	7.40	82	753482	70.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	283536	81.65	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1313934	62.29	ng		-0.01
79) Terphenyl-d14	12.94	244	1158691	70.30	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.40	82	748894	44.901	ng	#	64
31) Naphthalene	8.14	128	194496	6.789	ng		98
33) 4-Chloroaniline	8.14	127	25796	2.068	ng	#	36
37) 2-Methylnaphthalene	8.83	142	87012	4.437	ng		99
38) 1-Methylnaphthalene	8.93	142	73946	3.934	ng		94
50) Dimethylphthalate	9.59	163	144579	6.238	ng		98
52) Acenaphthene	9.90	154	58538	3.306	ng		99
58) Fluorene	10.42	166	41106	2.030	ng		95
67) 4-Bromophenyl-phenylether	10.66	248	16896	2.689	ng	#	1
71) Phenanthrene	11.38	178	253236	9.117	ng		98
72) Anthracene	11.43	178	91679	3.313	ng		98
75) Fluoranthene	12.57	202	222281	7.461	ng		98
78) Pyrene	12.80	202	270131	12.569	ng		98
81) Benzo(a)anthracene	14.03	228	132569	7.265	ng		96
83) Chrysene	14.03	228	132569	7.610	ng		97
86) Indeno(1,2,3-cd)pyrene	16.94	276	83725	6.066	ng		95
88) Benzo(b)fluoranthene	15.04	252	192159	9.193	ng	#	97
89) Benzo(k)fluoranthene	15.04	252	192494	9.614	ng	#	97
90) Benzo(a)pyrene	15.41	252	158873	8.447	ng		99
92) Benzo(g,h,i)perylene	17.39	276	88037	6.156	ng		96

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

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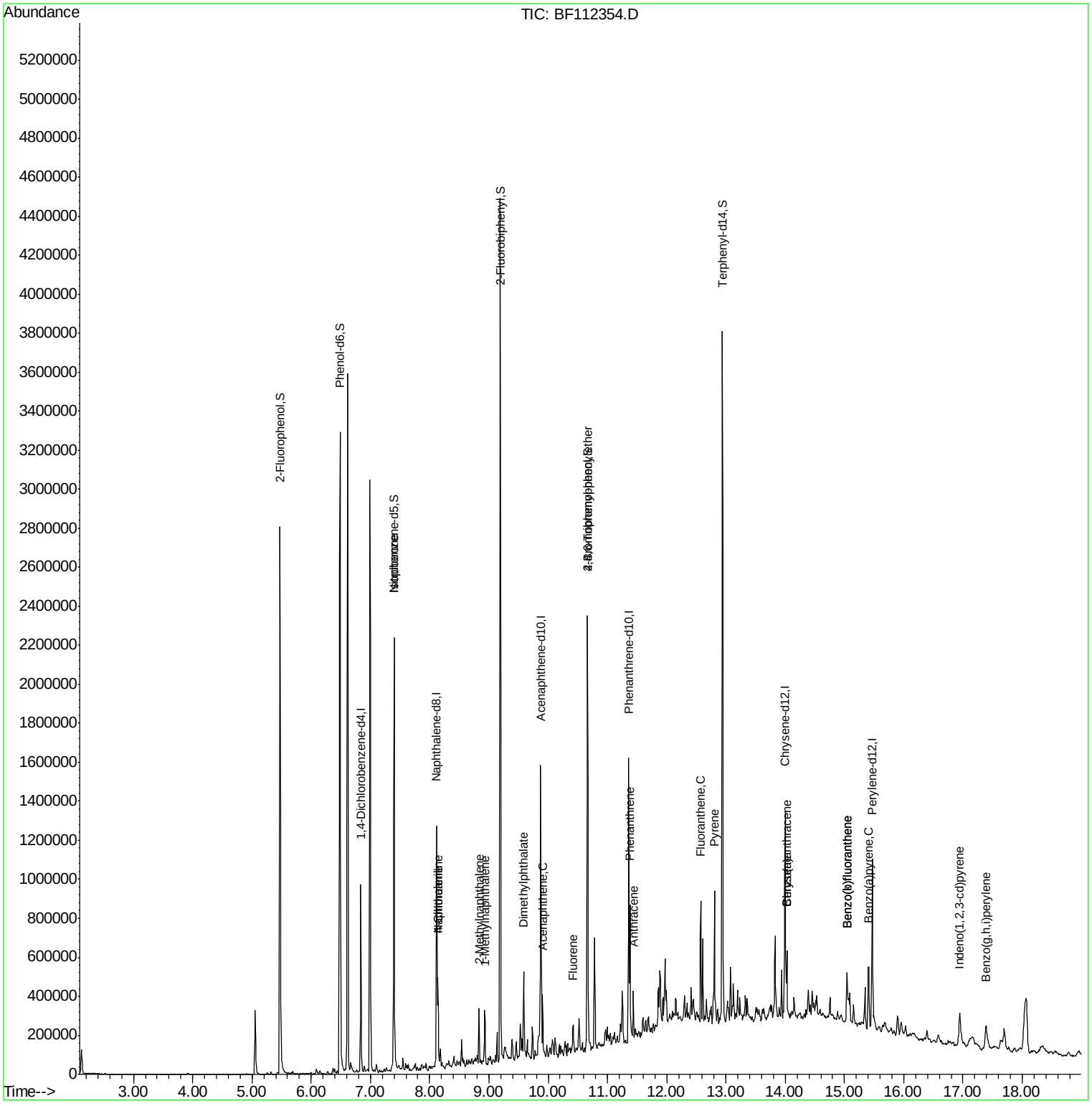
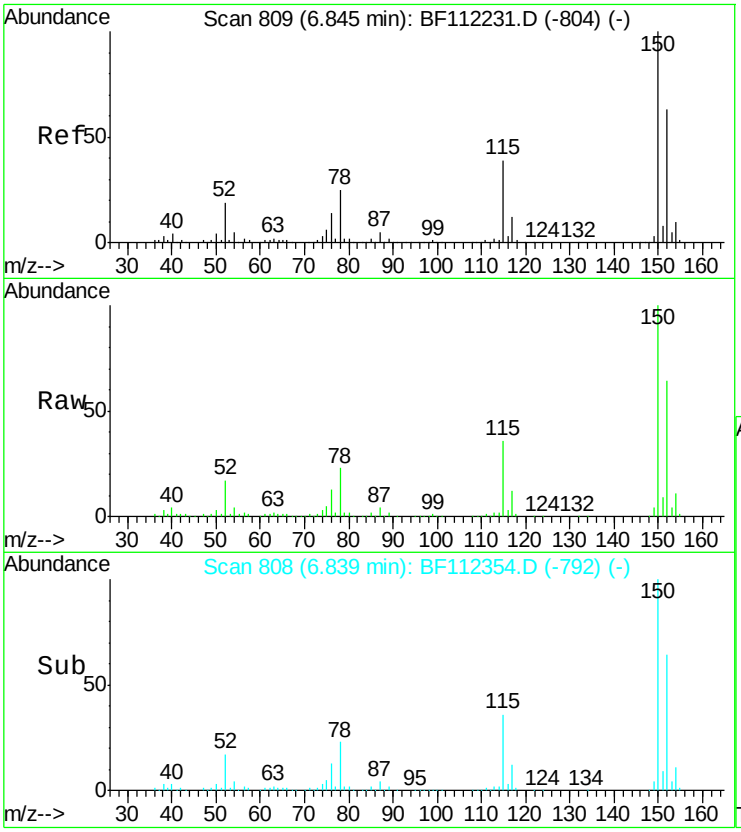


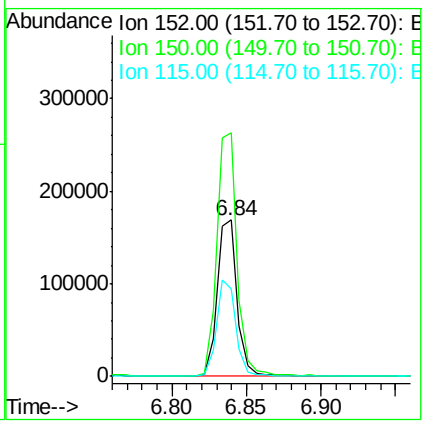


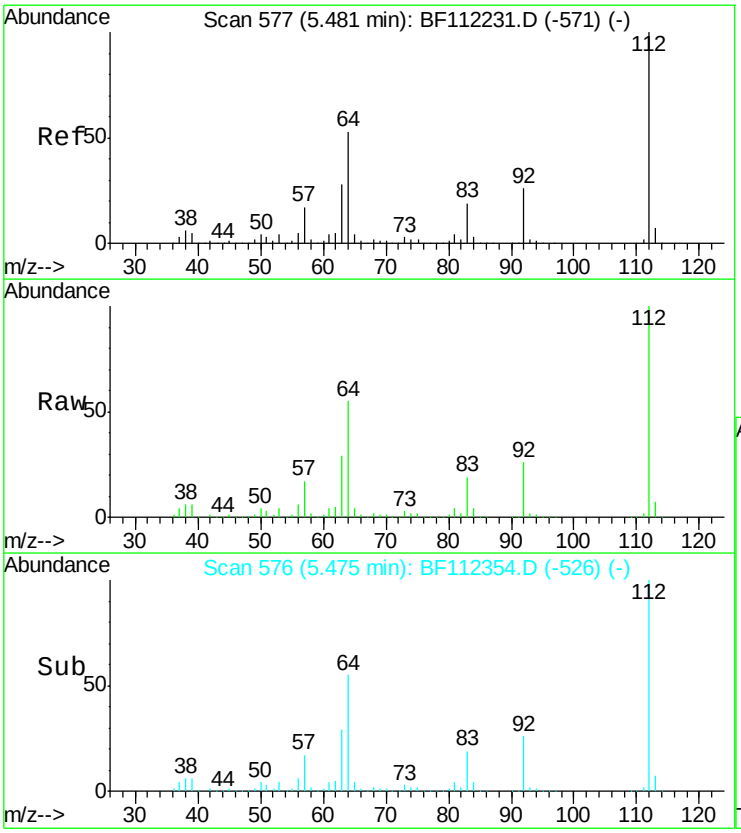
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:152 Resp: 159647

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	56.3	45.5	68.3

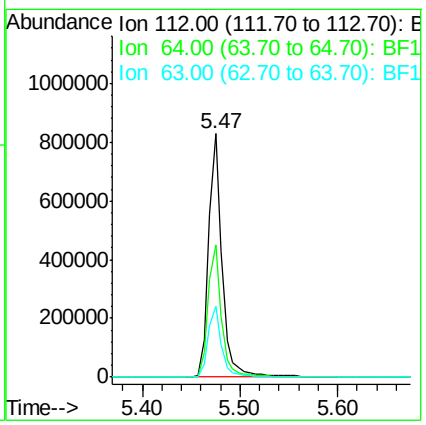


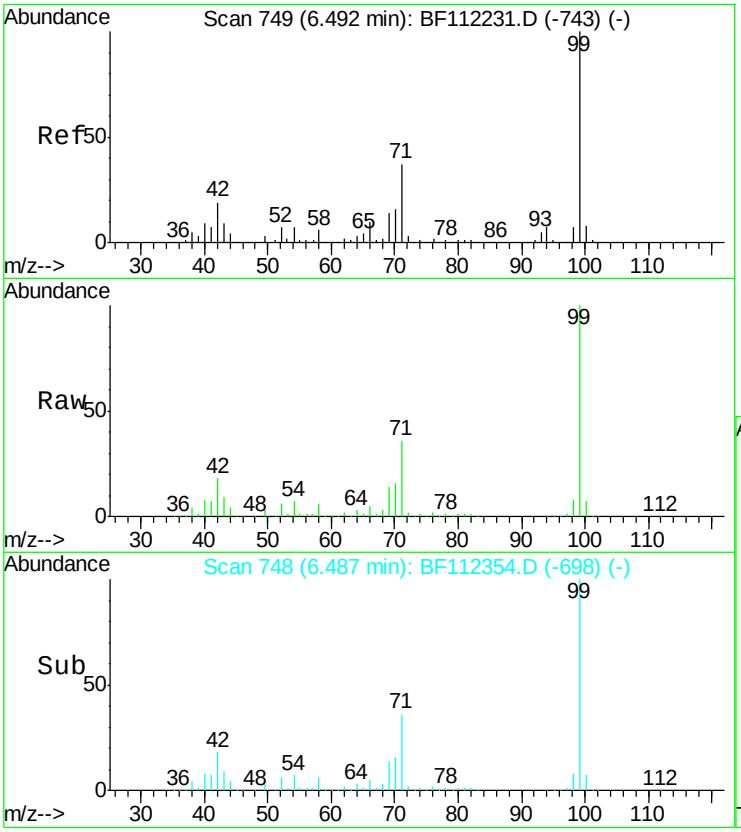


#5
2-Fluorophenol
Concen: 105.875 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:112 Resp: 795766

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	29.2	23.6	35.4



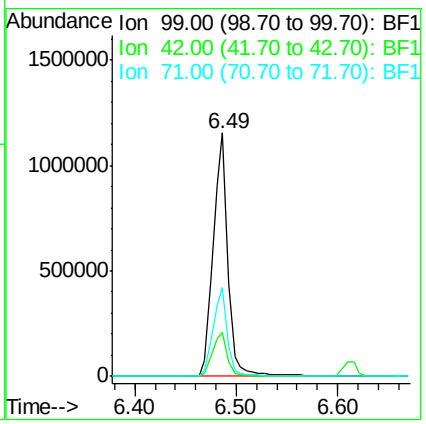


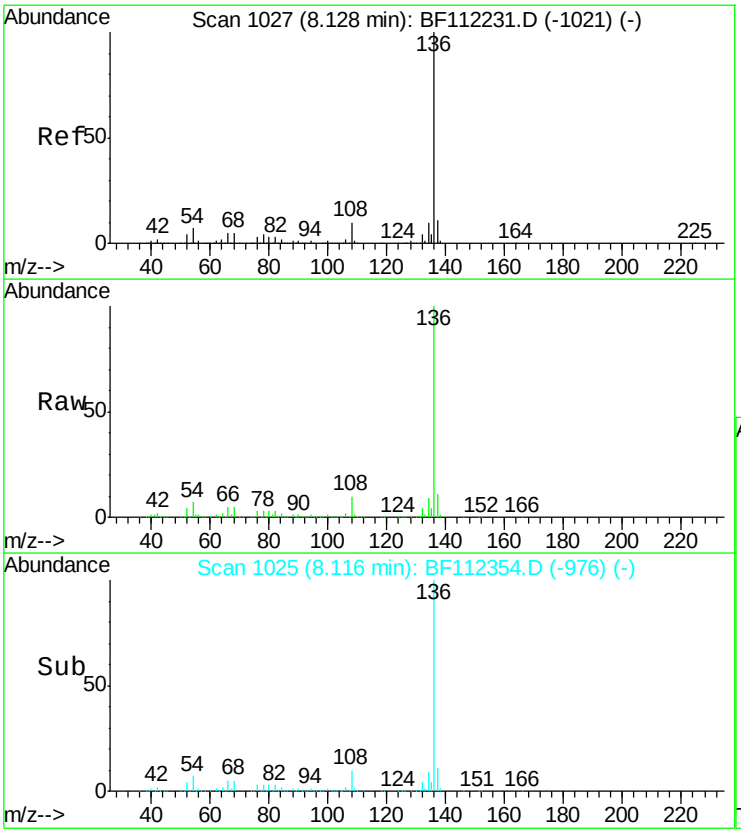
#7
Phenol-d6
Concen: 111.717 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion: 99 Resp: 1166769

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	36.3	26.9	40.3

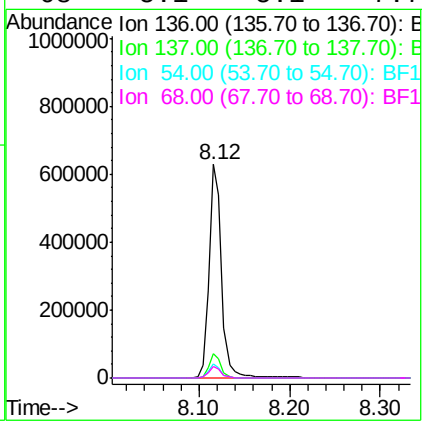


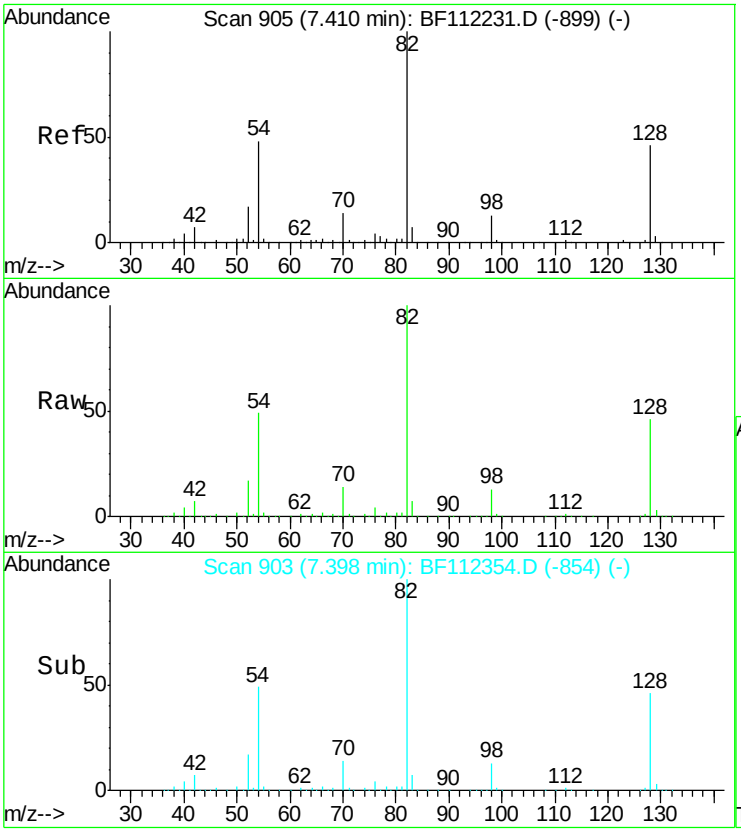


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:136 Resp: 612586

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	5.9	8.9
68	5.1	5.1	7.7



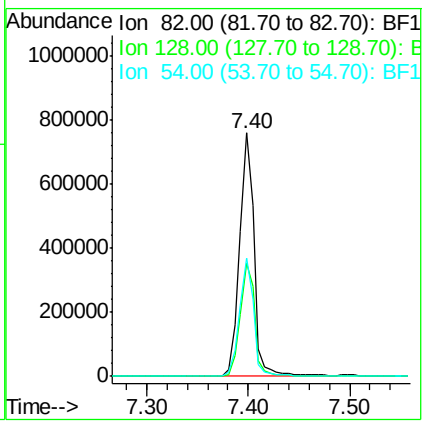


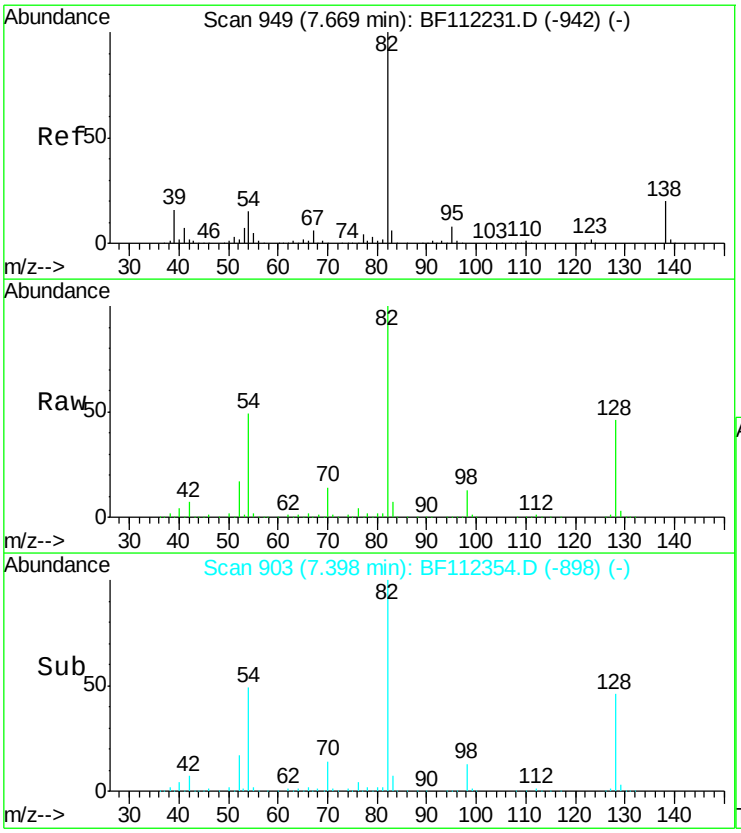
#23
Nitrobenzene-d5
Concen: 70.872 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion: 82 Resp: 753482

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.8	56.8
54	48.6	39.7	59.5

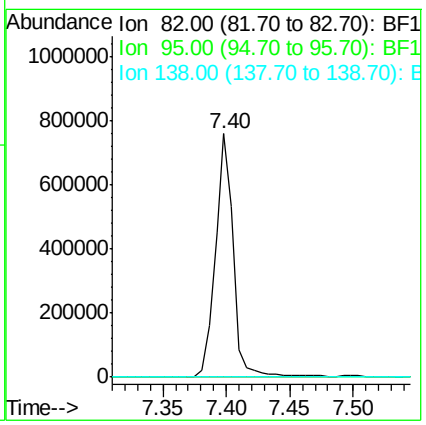


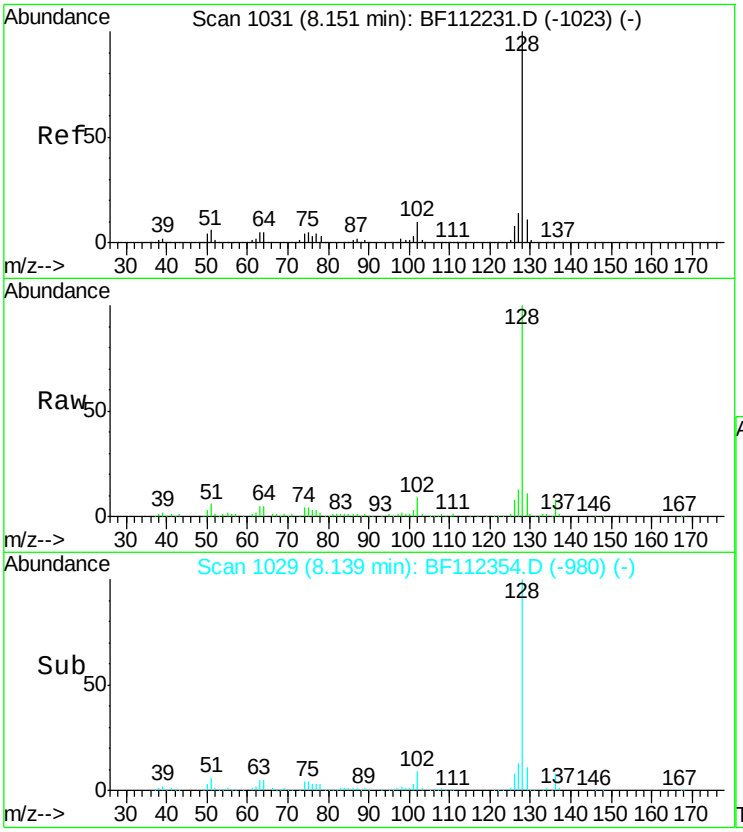


#25
Isophorone
Concen: 44.901 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion: 82 Resp: 748894

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



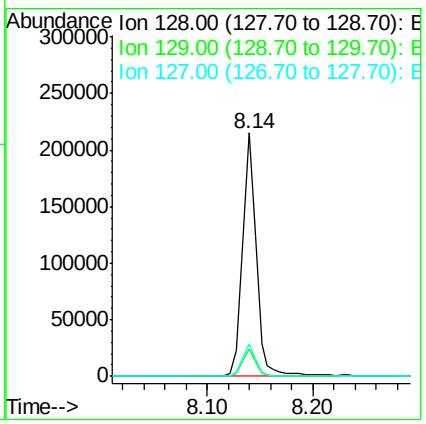


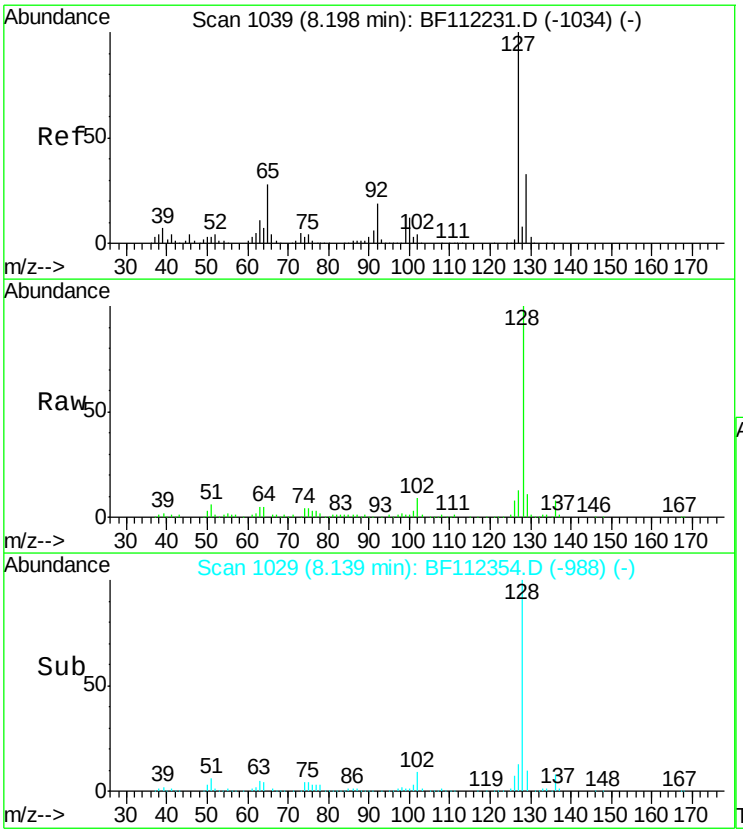
#31
Naphthalene
Concen: 6.789 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:128 Resp: 194496

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.3	11.1	16.7

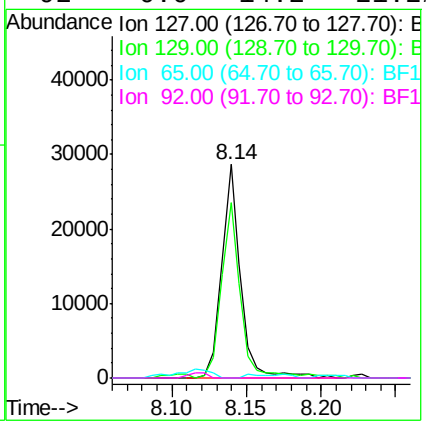


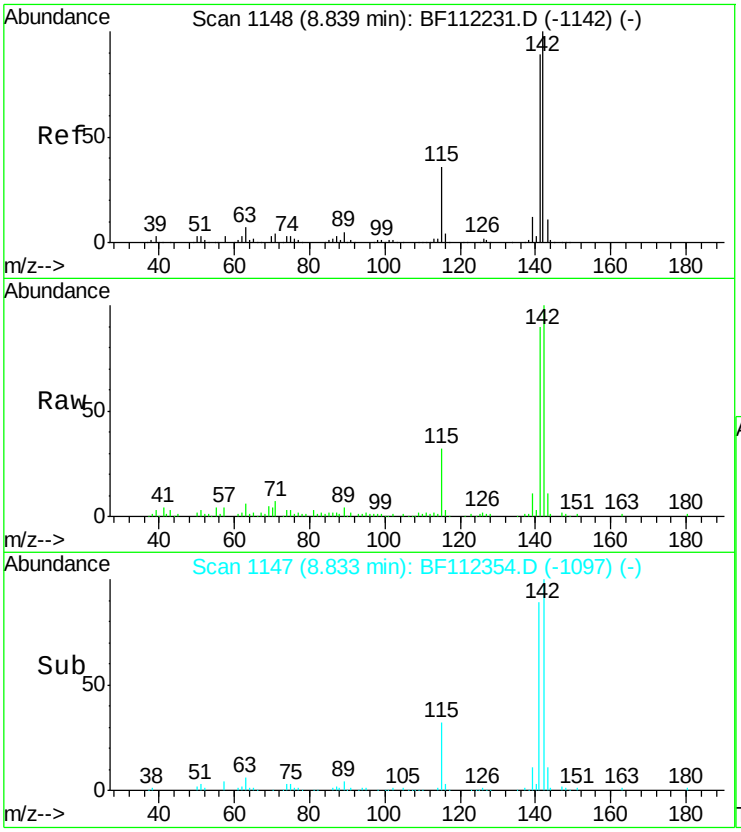


#33
4-Chloroaniline
Concen: 2.068 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:127 Resp: 25796

Ion	Ratio	Lower	Upper
127	100		
129	82.3	26.6	39.8#
65	0.0	21.4	32.2#
92	0.0	14.2	21.2#



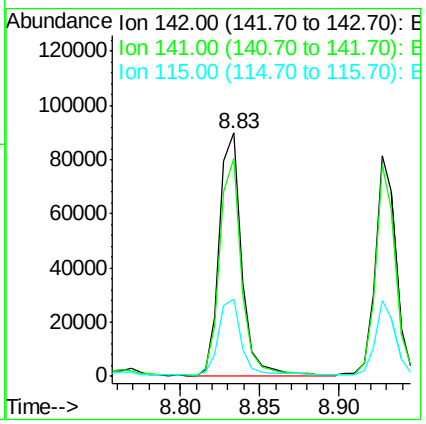


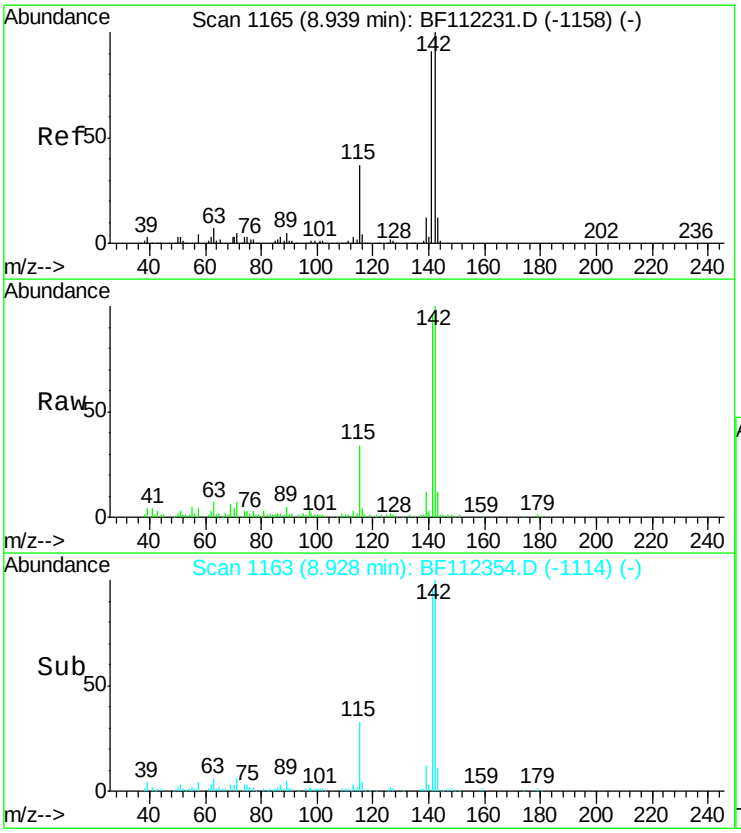
#37
2-Methylnaphthalene
Concen: 4.437 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:142 Resp: 87012

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3
115	31.6	24.9	37.3

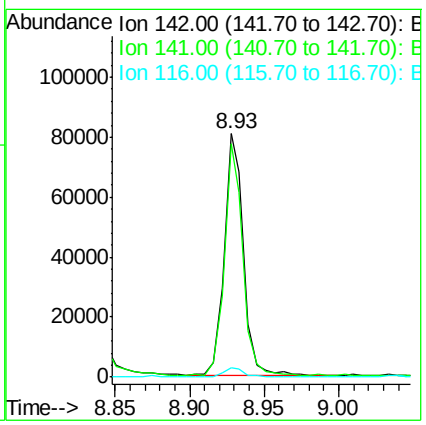


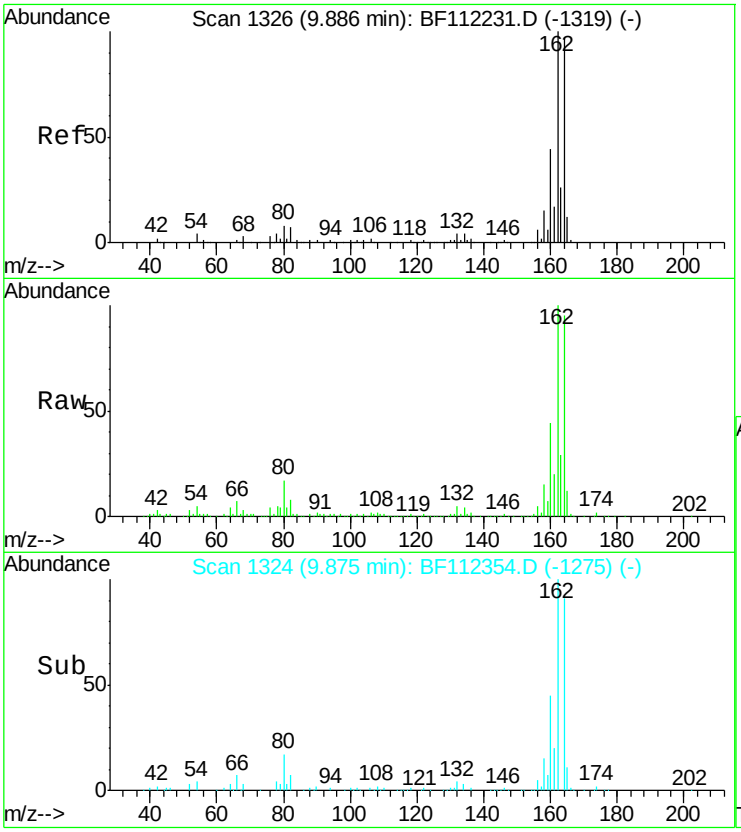


#38
1-Methylnaphthalene
Concen: 3.934 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:142 Resp: 73946

Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.6	108.8
116	3.9	2.8	4.2



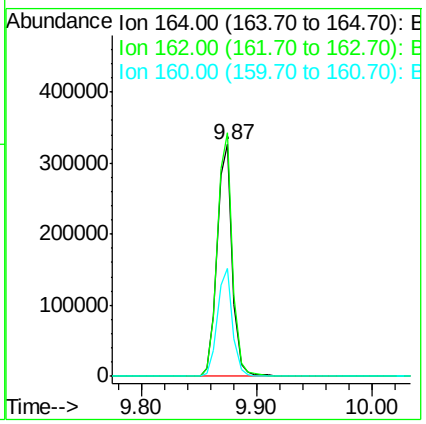


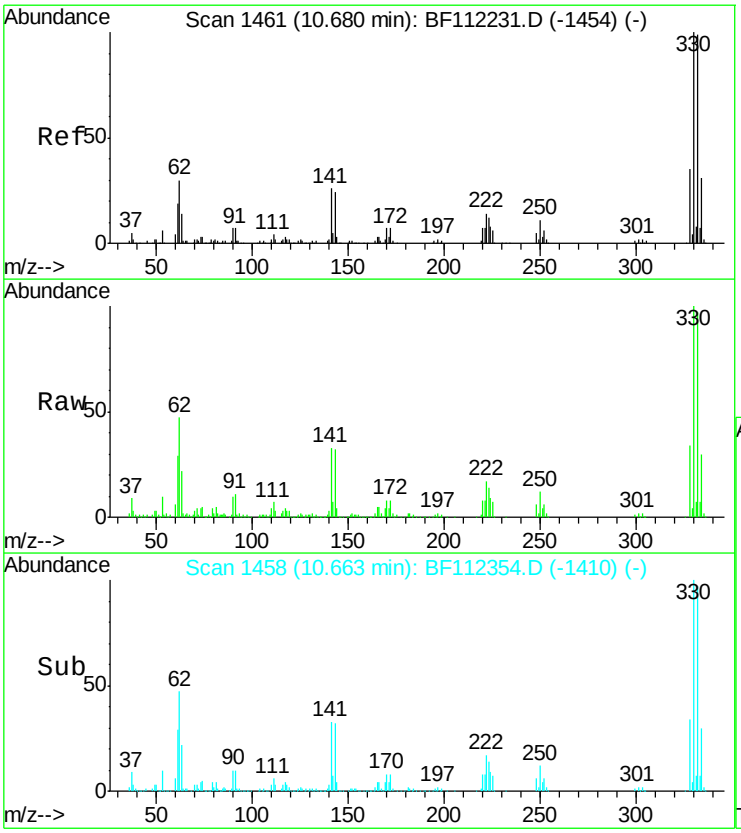
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:164 Resp: 298325

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.2	123.4
160	46.7	36.2	54.4

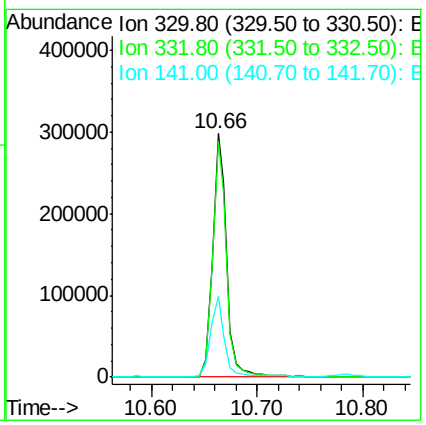


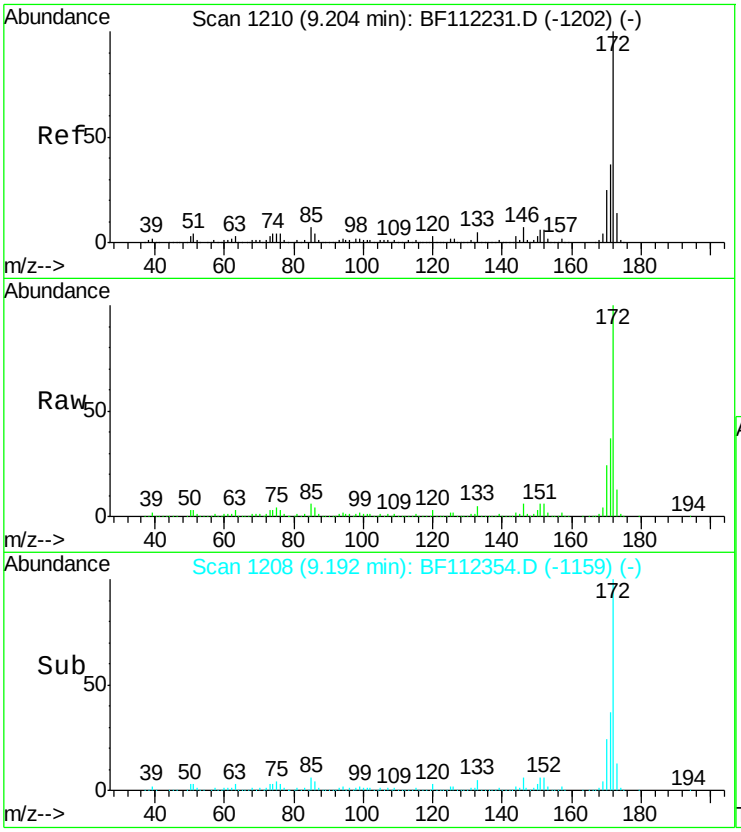


#42
2,4,6-Tribromophenol
Concen: 81.654 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:330 Resp: 283536

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	31.9	24.3	36.5



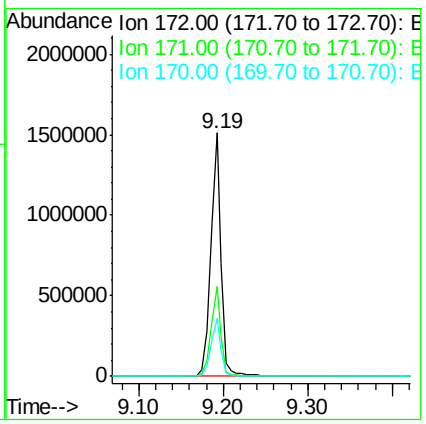


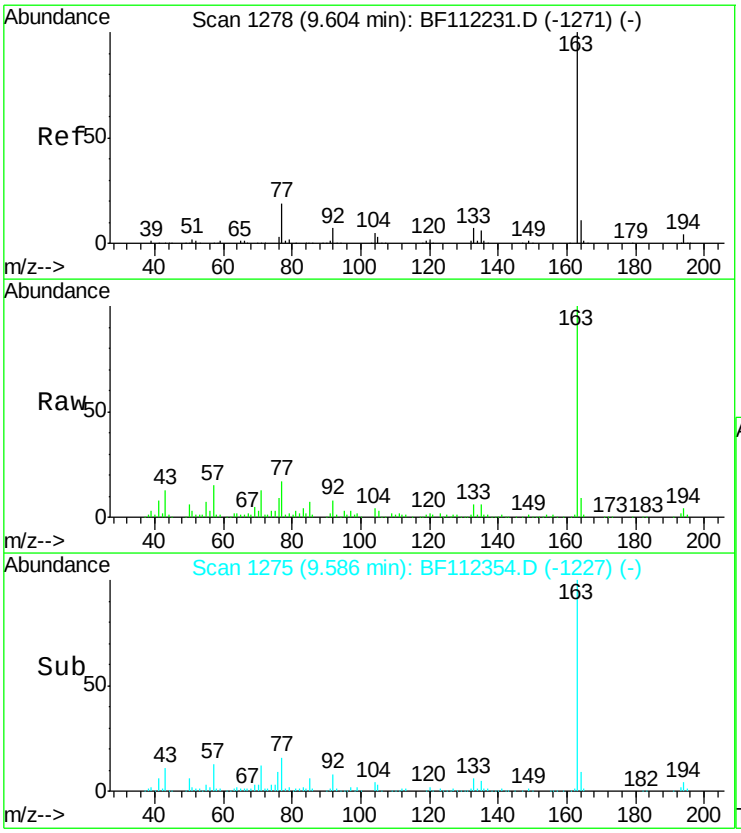
#45
2-Fluorobiphenyl
Concen: 62.293 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:172 Resp: 1313934

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.0	20.2	30.4

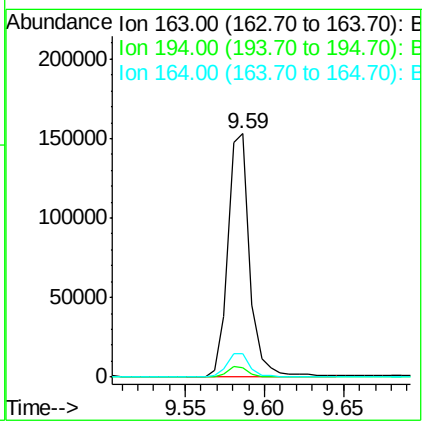


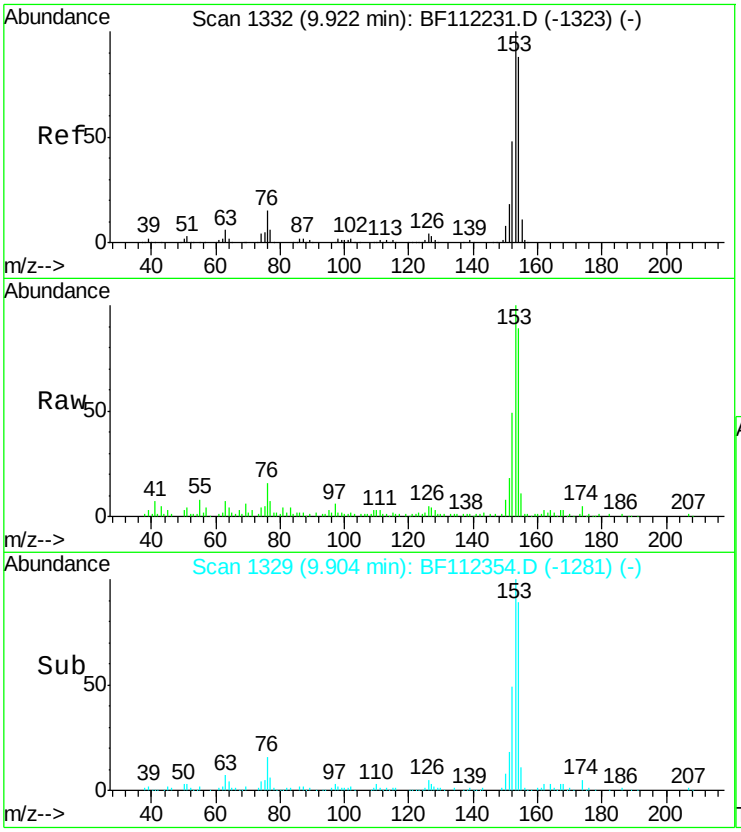


#50
Dimethylphthalate
Concen: 6.238 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:163 Resp: 144579

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.4	8.5	12.7



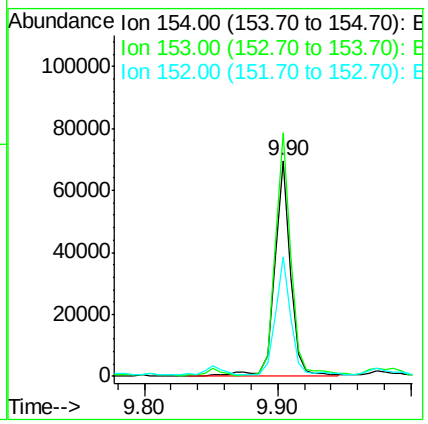


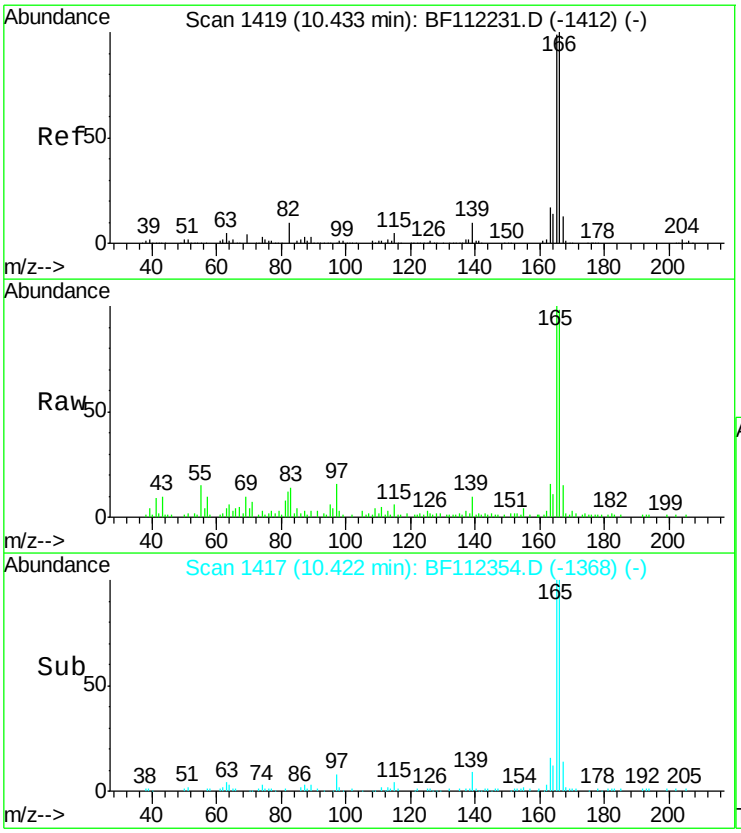
#52
Acenaphthene
Concen: 3.306 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:154 Resp: 58538

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.6
152	55.7	43.5	65.3

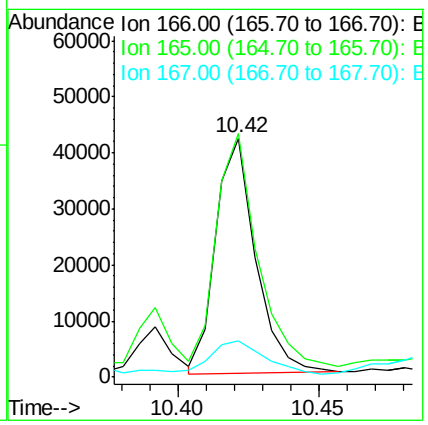


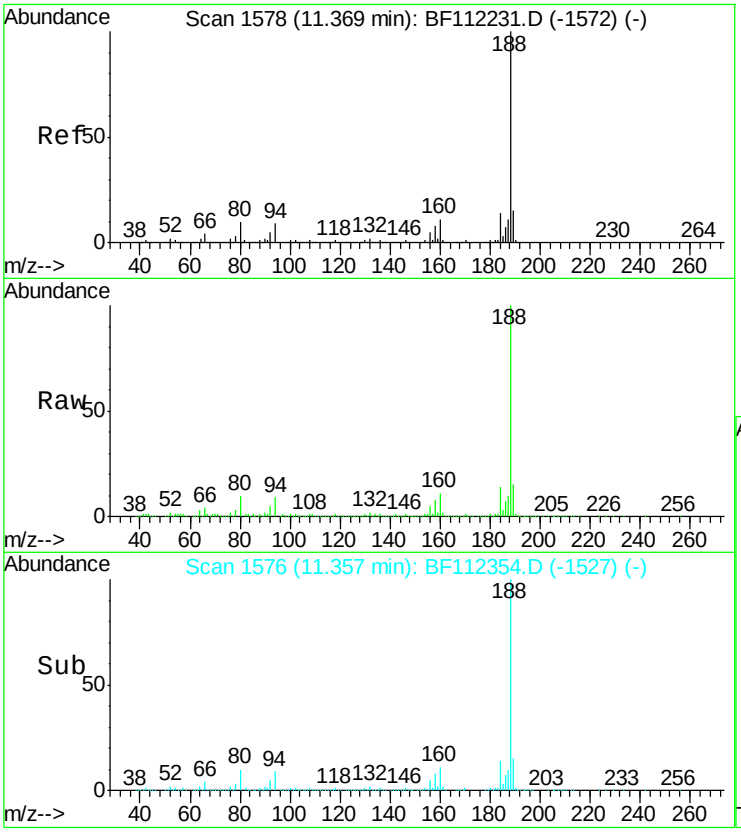


#58
Fluorene
Concen: 2.030 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:166 Resp: 41106

Ion	Ratio	Lower	Upper
166	100		
165	102.0	77.1	115.7
167	15.2	11.3	16.9



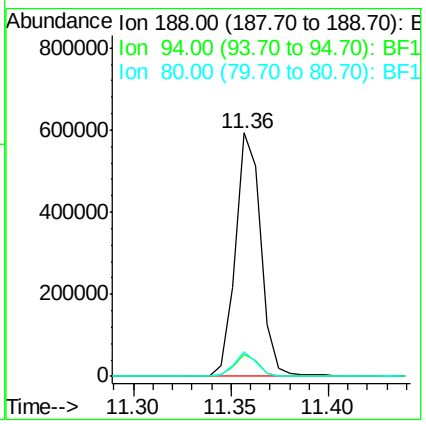


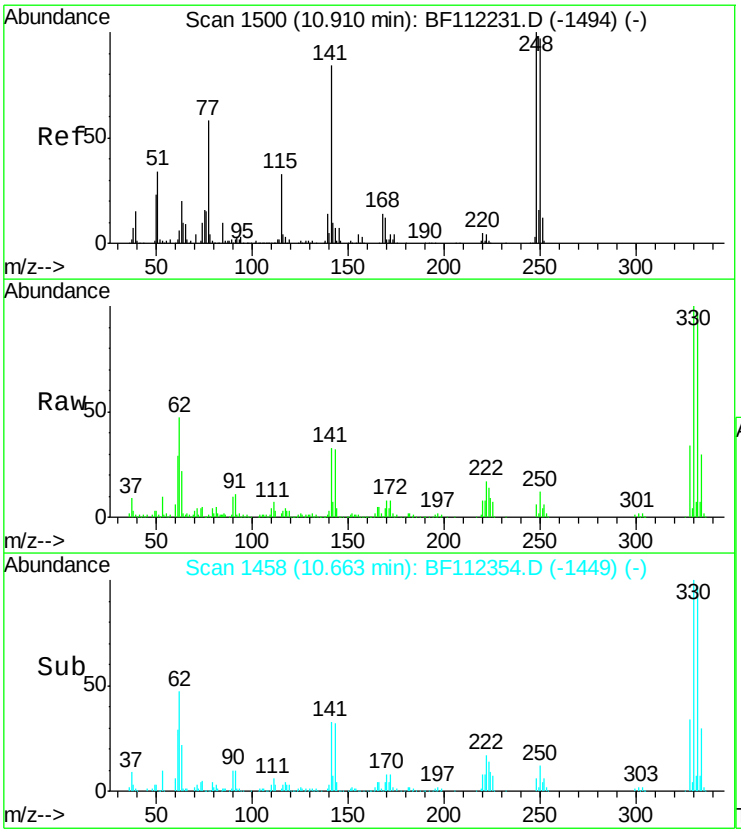
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:188 Resp: 534295

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.3	8.9	13.3

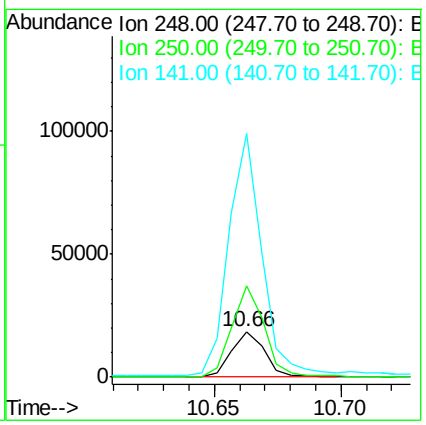


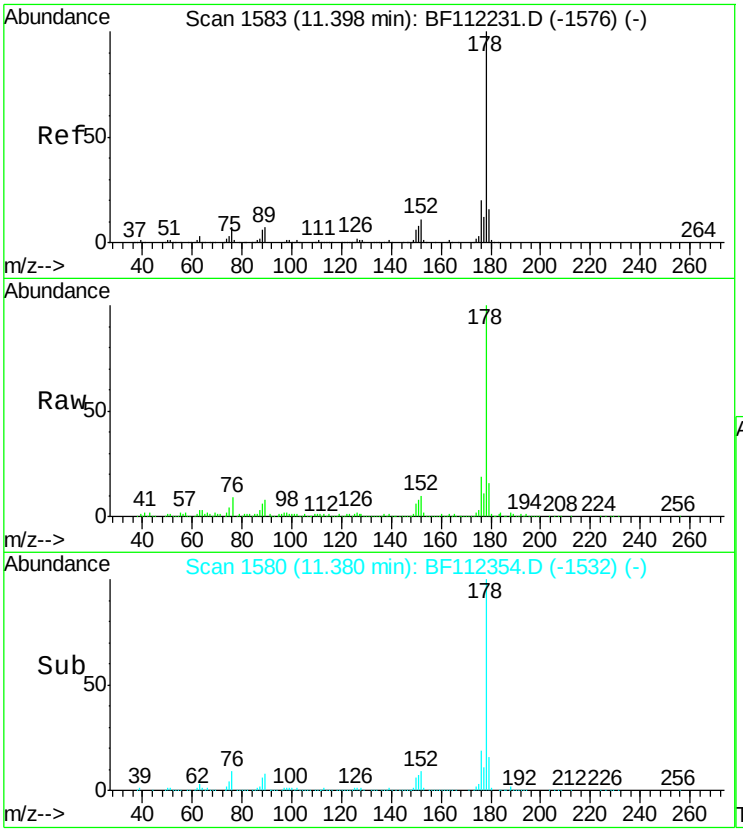


#67
4-Bromophenyl-phenylether
Concen: 2.689 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:248 Resp: 16896

Ion	Ratio	Lower	Upper
248	100		
250	199.0	79.7	119.5#
141	531.3	60.3	90.5#



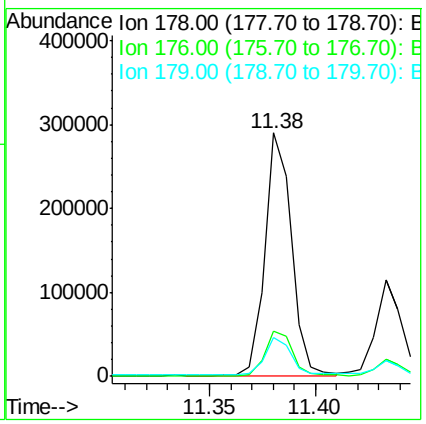


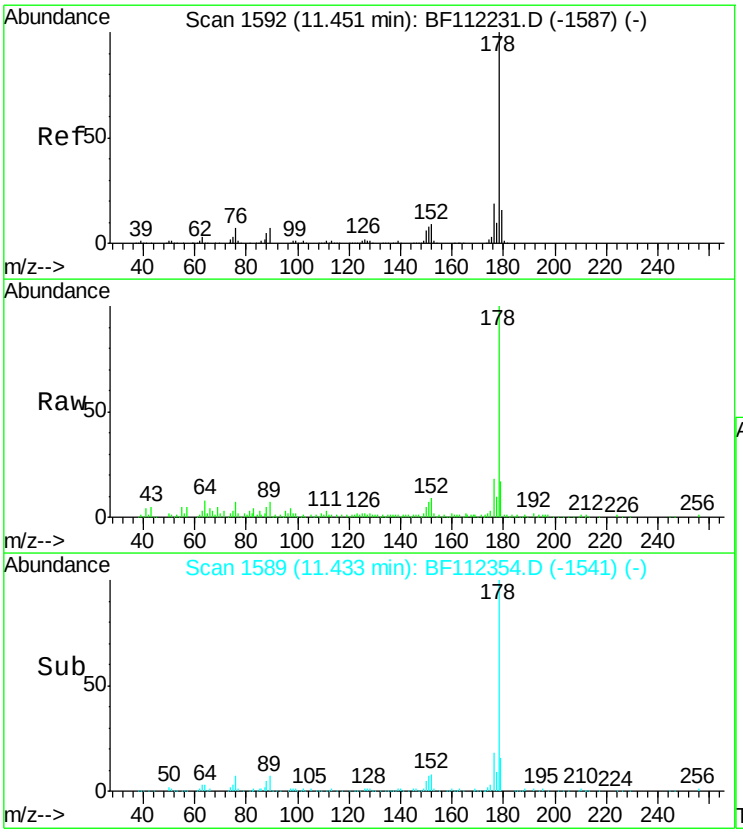
#71
Phenanthrene
Concen: 9.117 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:178 Resp: 253236

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	16.2	13.0	19.4

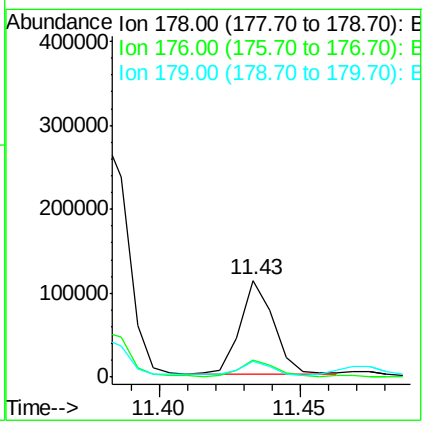


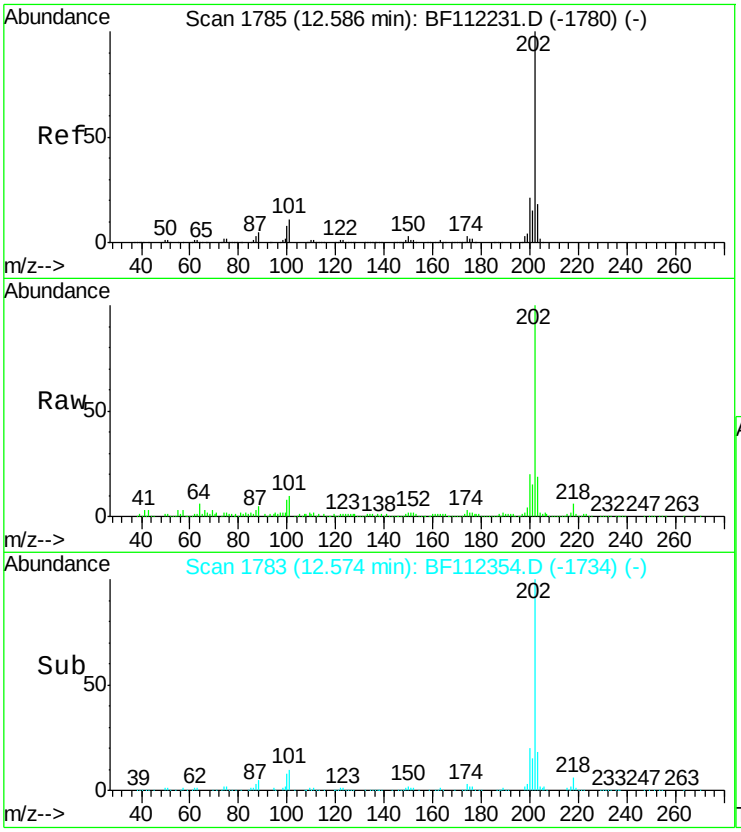


#72
Anthracene
Concen: 3.313 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:178 Resp: 91679

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	16.7	12.8	19.2



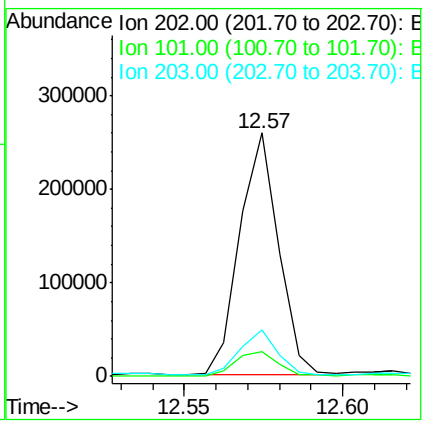


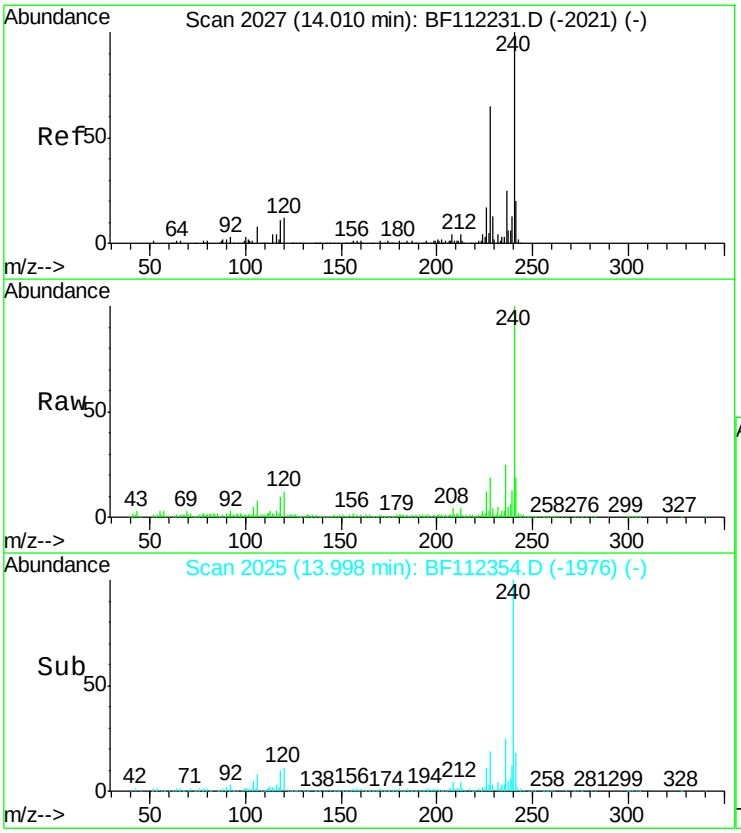
#75
Fluoranthene
Concen: 7.461 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:202 Resp: 222281

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.8
203	18.9	0.0	38.4

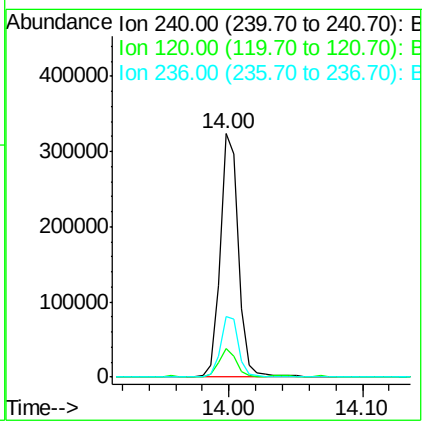


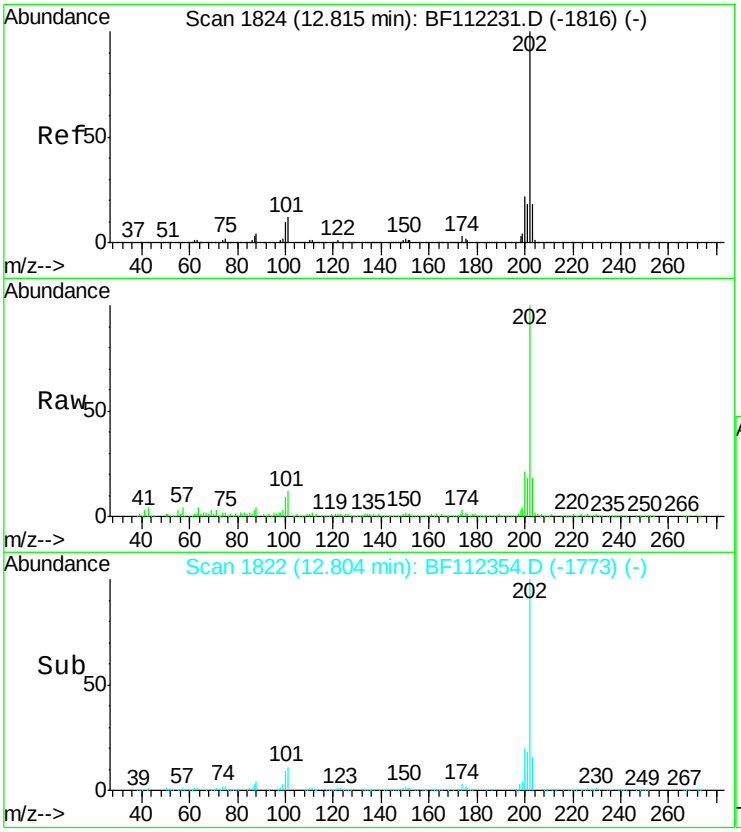


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:240 Resp: 310433

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	24.9	20.7	31.1



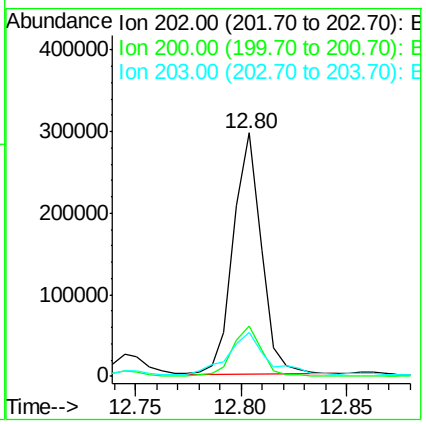


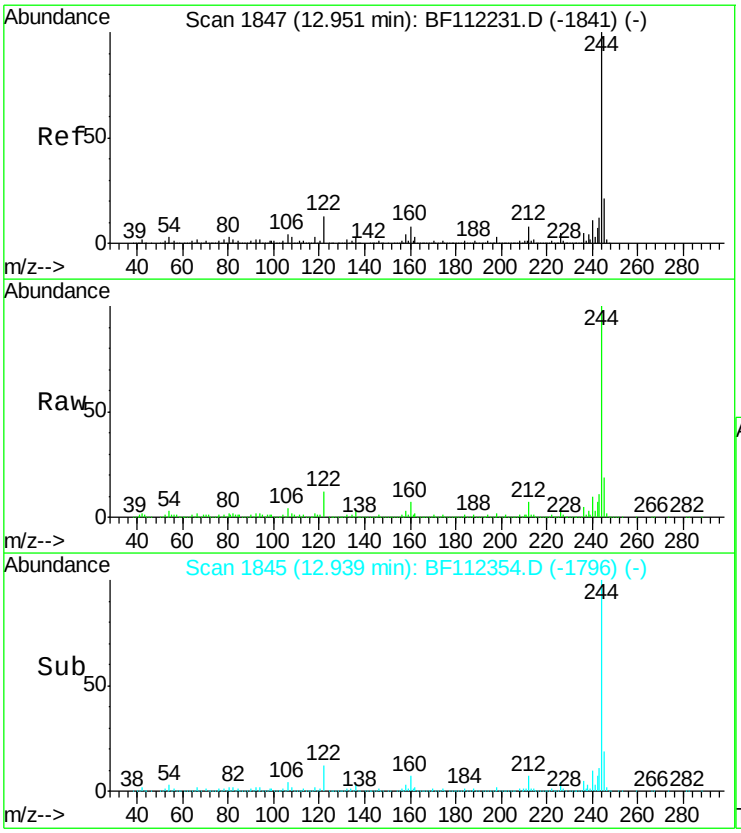
#78
Pyrene
Concen: 12.569 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:202 Resp: 270131

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	18.0	14.6	22.0

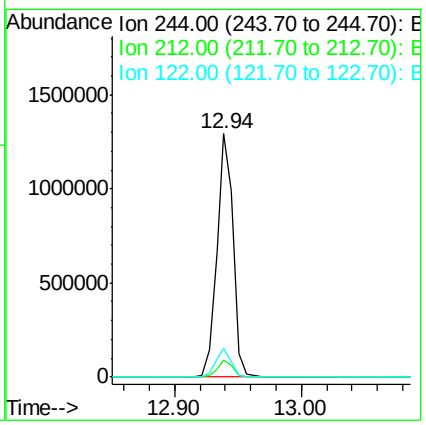


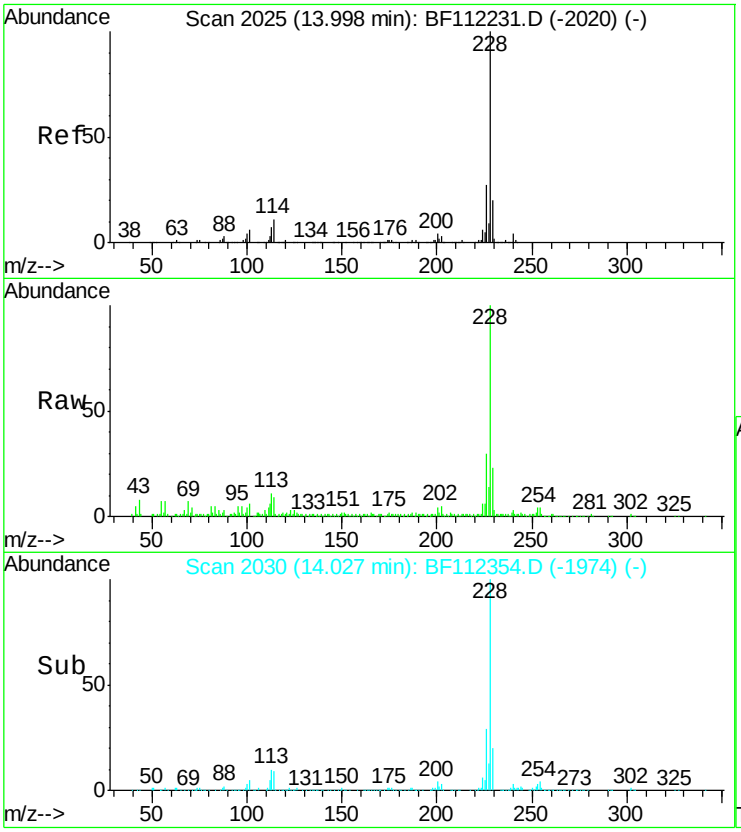


#79
Terphenyl-d14
Concen: 70.300 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:244 Resp: 1158691

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.6	9.8	14.6



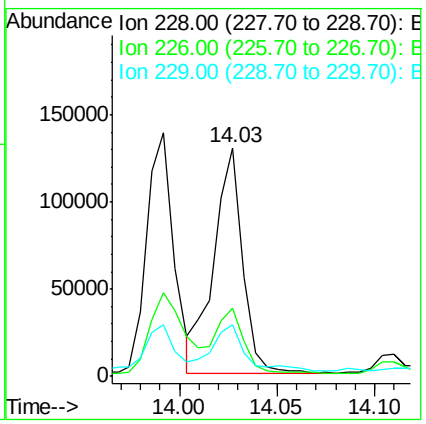


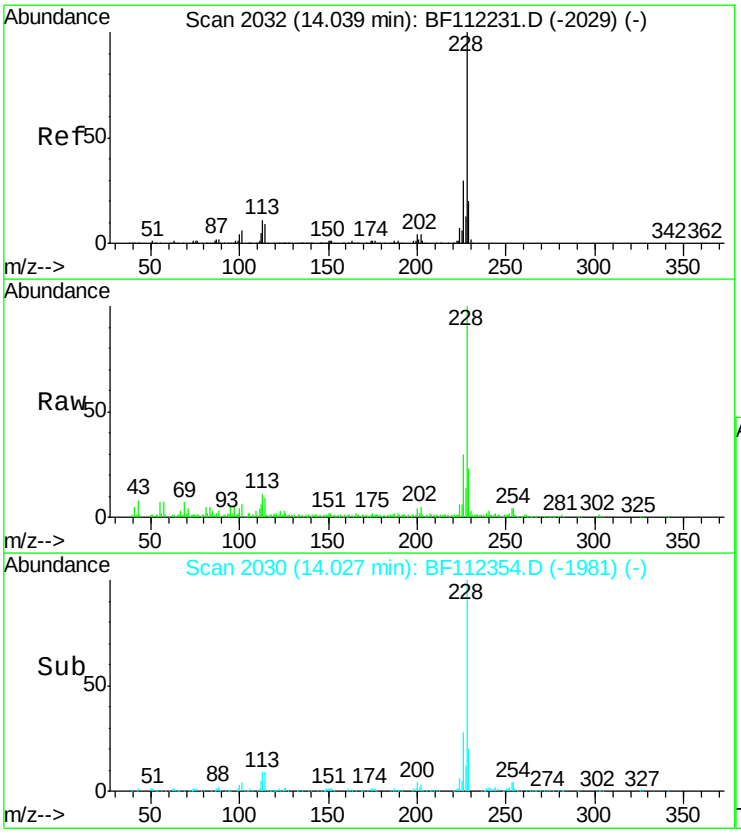
#81
Benzo(a)anthracene
Concen: 7.265 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.03 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:228 Resp: 132569

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	22.7	16.5	24.7

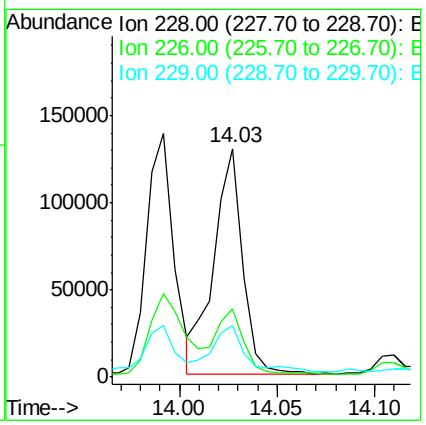


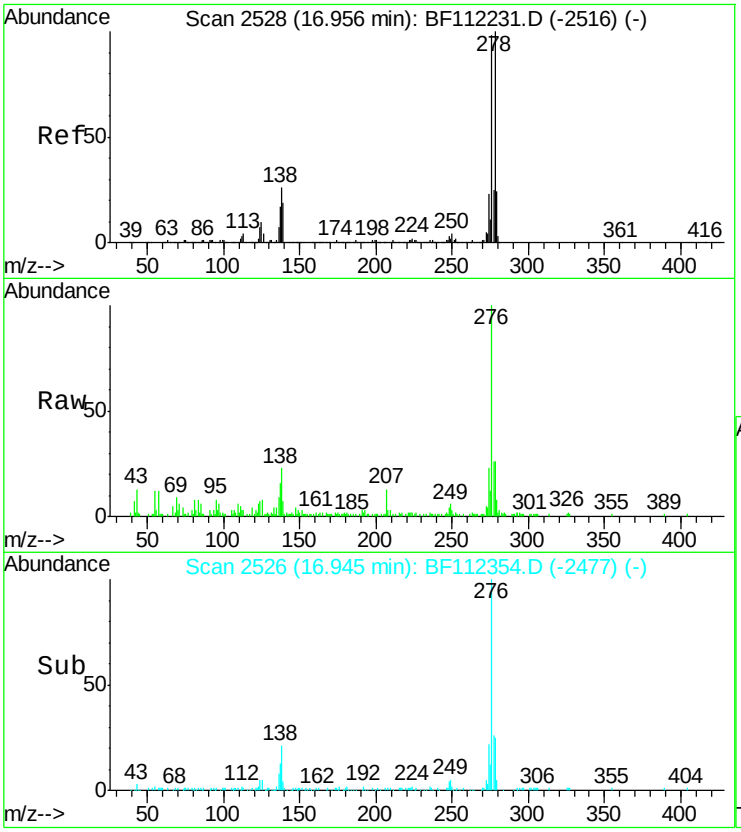


#83
Chrysene
Concen: 7.610 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:228 Resp: 132569

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.7	16.6	24.8



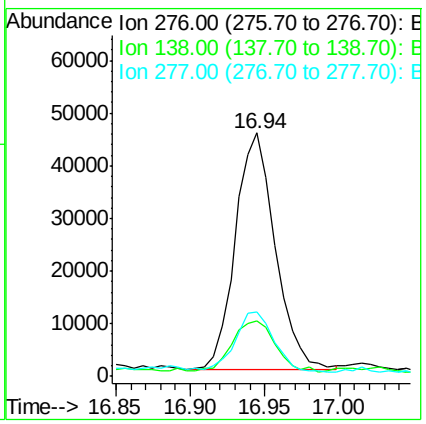


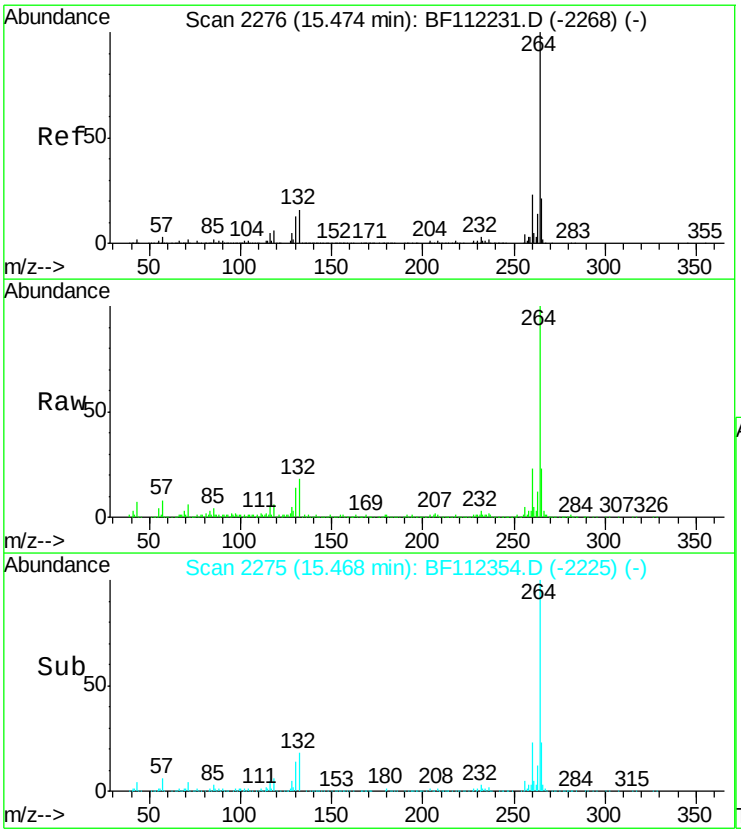
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.066 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:276 Resp: 83725

Ion	Ratio	Lower	Upper
276	100		
138	23.5	22.6	34.0
277	25.1	20.3	30.5

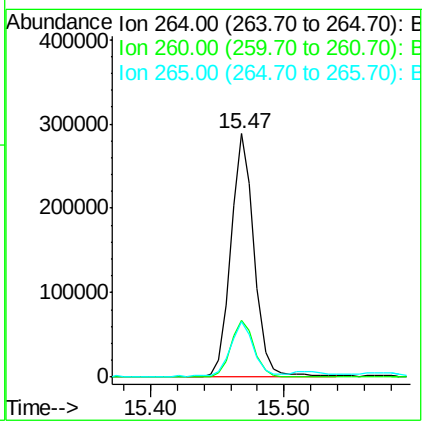


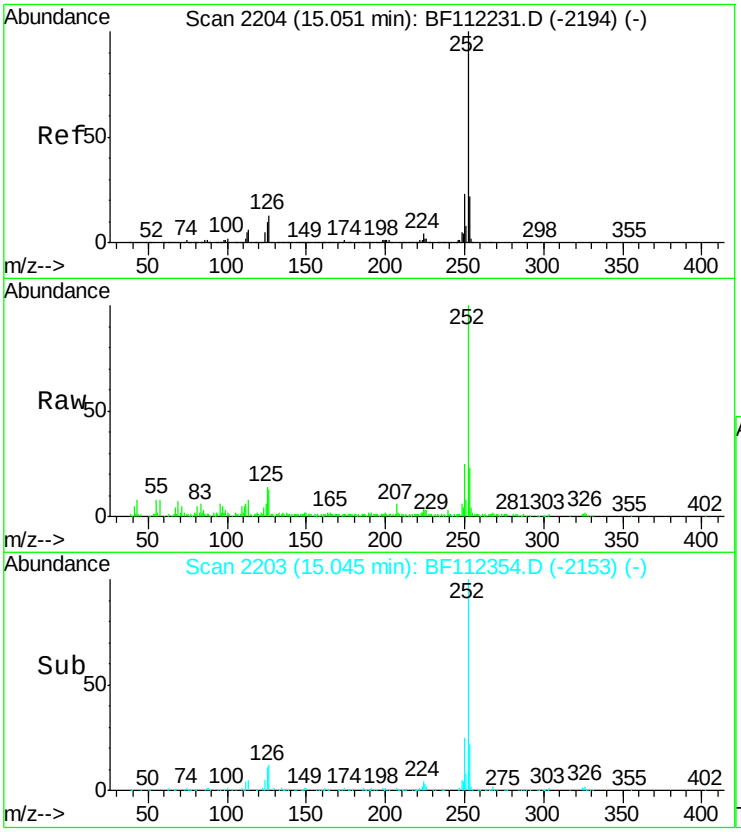


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:264 Resp: 349533

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.7	17.0	25.4



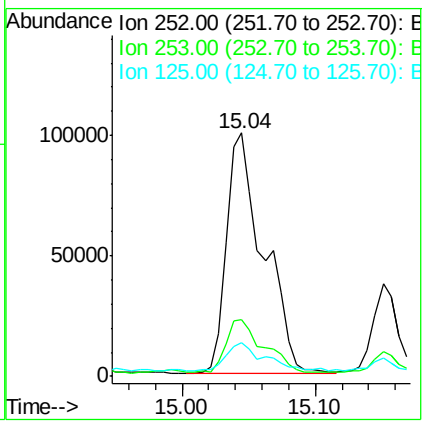


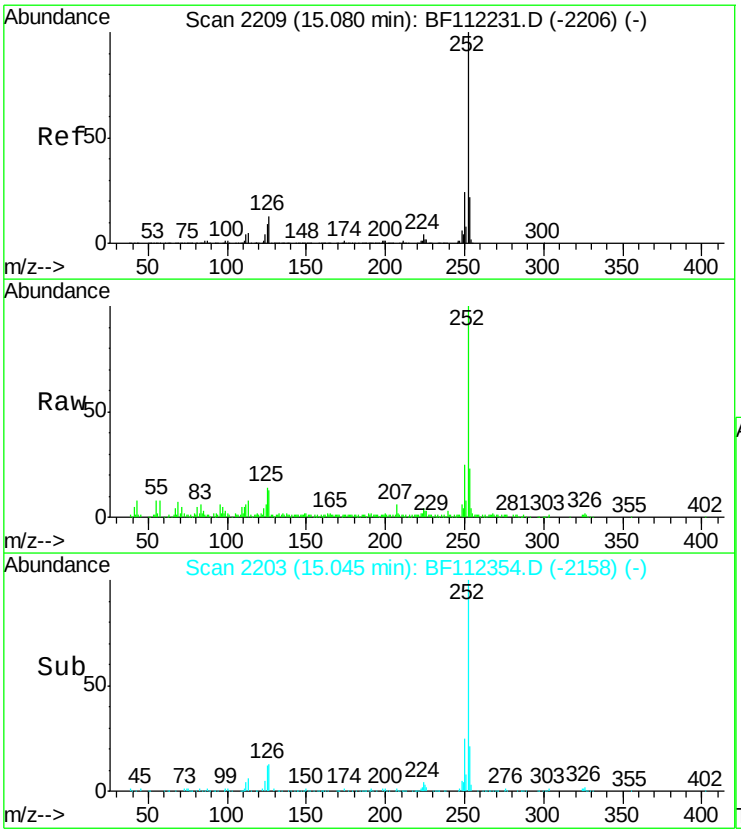
#88
Benzo(b)fluoranthene
Concen: 9.193 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:252 Resp: 192159

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.7	8.7	13.1#

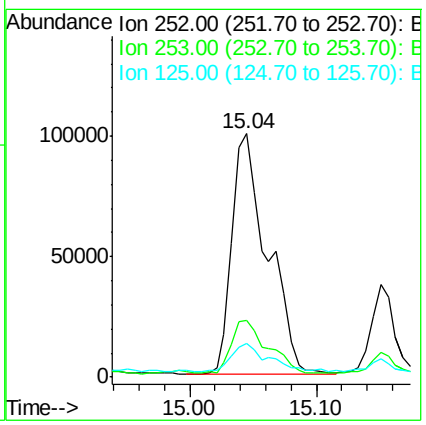


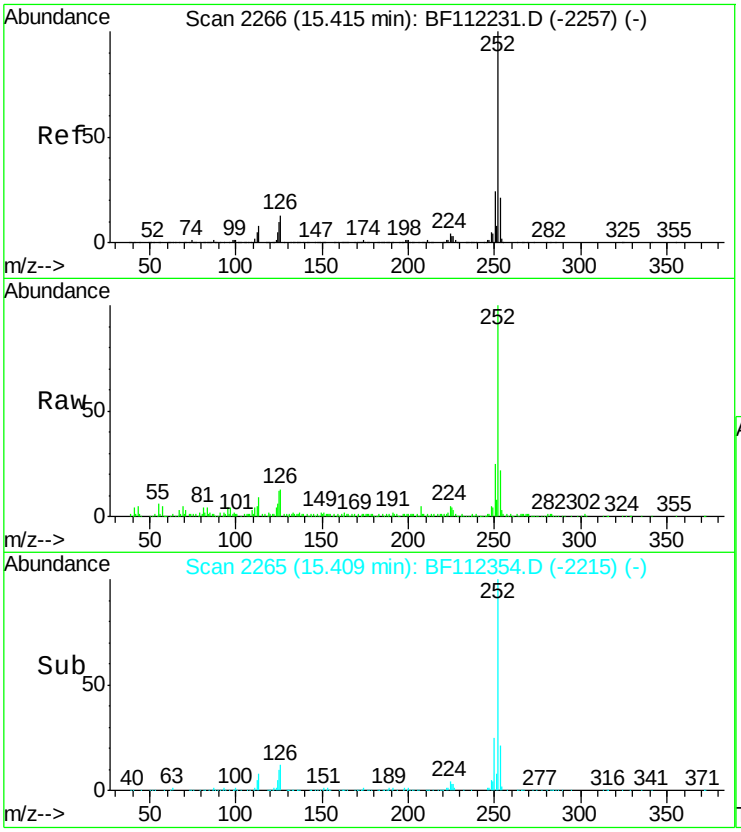


#89
Benzo(k)fluoranthene
Concen: 9.614 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:252 Resp: 192494

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



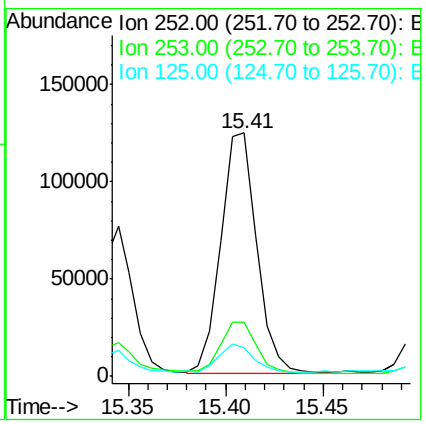


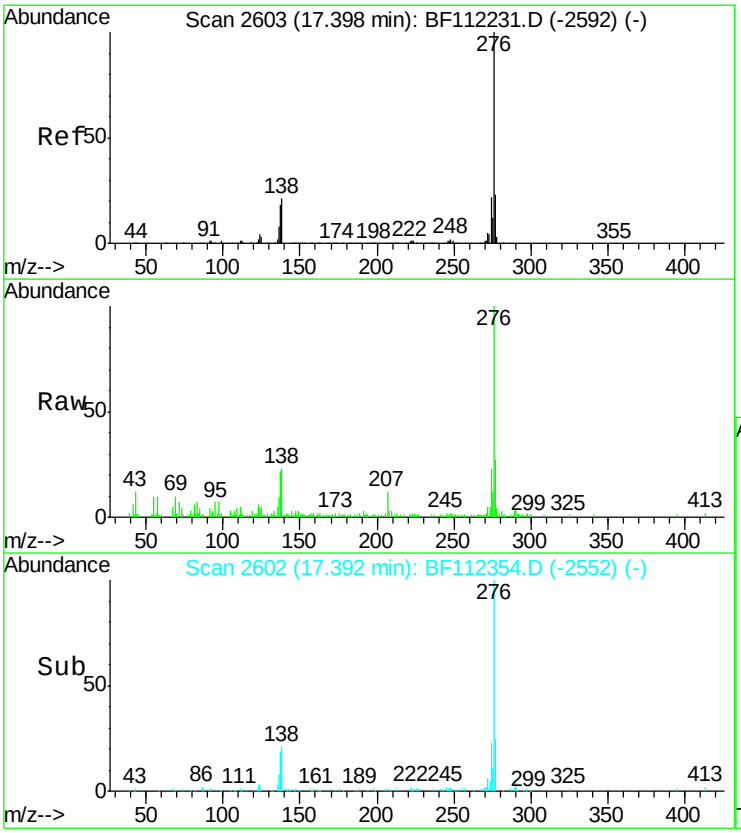
#90
Benzo(a)pyrene
Concen: 8.447 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Tgt Ion:252 Resp: 158873

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.7	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 6.156 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112354.D
Acq: 1 Feb 2019 16:30

Tgt Ion:276 Resp: 88037

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.4	29.0
138	23.3	19.1	28.7