Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003331.D
Acq On : 29 Oct 2018 11:46
Operator : MJ/SJ
Sample : J5521-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : AOC6-01A

Quant Time: Oct 30 06:44:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16624	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	72372	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	42389	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	102063	0.40	ng		0.00
27) Chrysene-d12	21.42	240	119132	0.40	ng		0.00
34) Perylene-d12	23.74	264	124247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	18687	0.45	ng		0.00
5) Phenol-d6	7.01	99	21671	0.42	ng		0.00
8) Nitrobenzene-d5	9.02	82	13736	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	36763	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	5388	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	57039	0.31	ng		-0.01
25) Fluoranthene-d10	19.26	212	91552	0.31	ng		0.00
29) Terphenyl-d14	19.86	244	83235	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.71	128	8075	0.046	ng	#	95
12) 2-Methylnaphthalene	12.32	142	6211	0.050	ng		99
16) Acenaphthylene	14.21	152	29400	0.156	ng		98
18) Fluorene	15.54	166	5659	0.035	ng	#	89
23) Phenanthrene	17.28	178	48361	0.173	ng		97
24) Anthracene	17.37	178	17479	0.073	ng		99
26) Fluoranthene	19.29	202	182442	0.567	ng		99
28) Pyrene	19.66	202	187061	0.568	ng		97
30) Benzo(a)anthracene	21.40	228	114594	0.367	ng		96
31) Chrysene	21.45	228	117694	0.349	ng		96
32) Bis(2-ethylhexyl)phthalate	21.32	149	73148	0.792	ng		100
33) Indeno(1,2,3-cd)pyrene	26.09	276	101636	0.292	ng		95
35) Benzo(b)fluoranthene	23.03	252	209053	0.539	ng	#	96
36) Benzo(k)fluoranthene	23.03	252	209053	0.544	ng		97
37) Benzo(a)pyrene	23.53	252	101414	0.287	ng		97
38) Dibenzo(a,h)anthracene	26.11	278	26031	0.079	ng	#	84
39) Benzo(g,h,i)perylene	26.82	276	100317	0.305	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003331.D
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Misc :
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Instrument :
BNA_N
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Quant Time: Oct 30 06:44:28 2018
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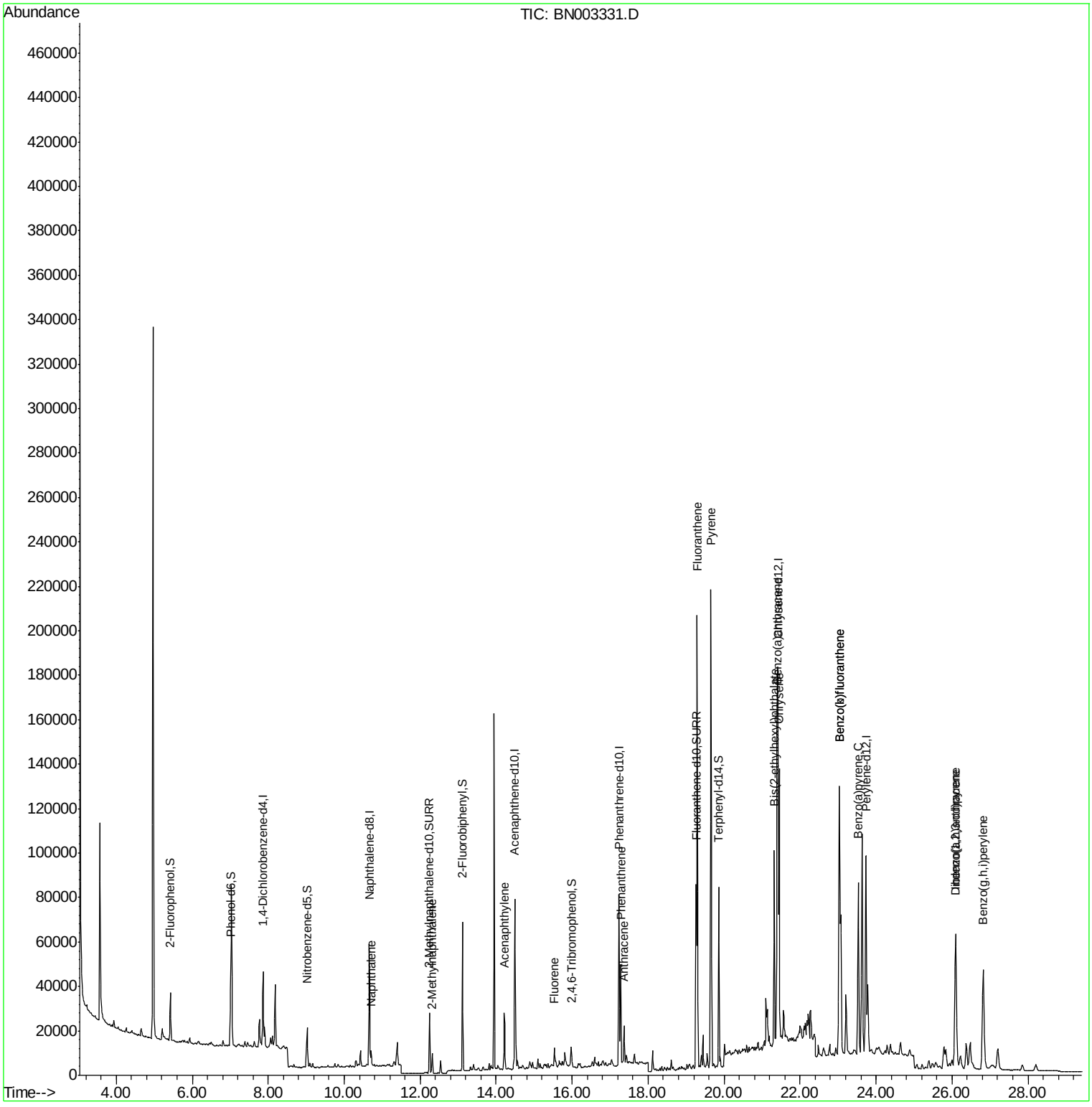
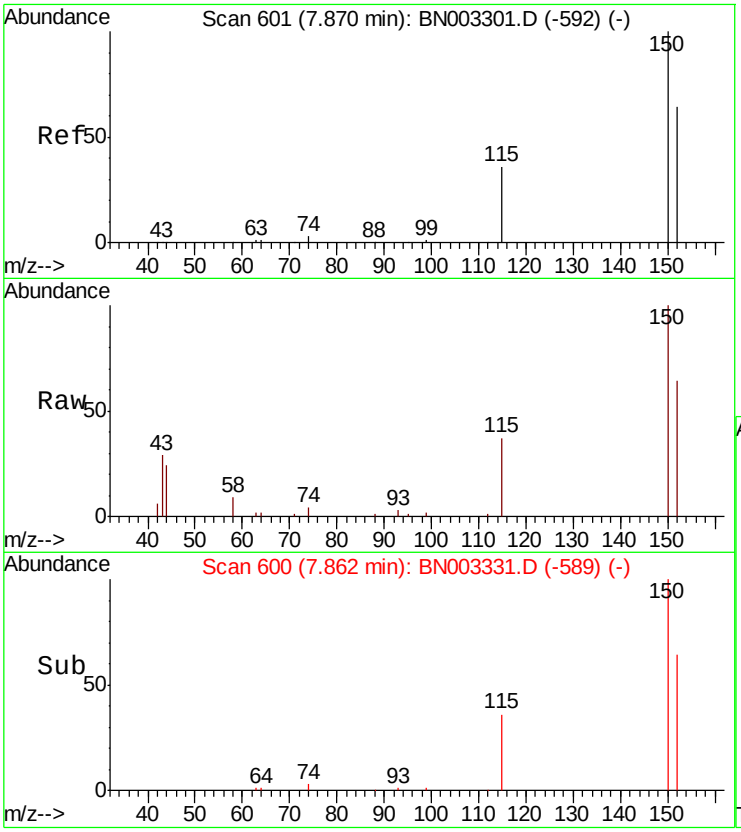
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration



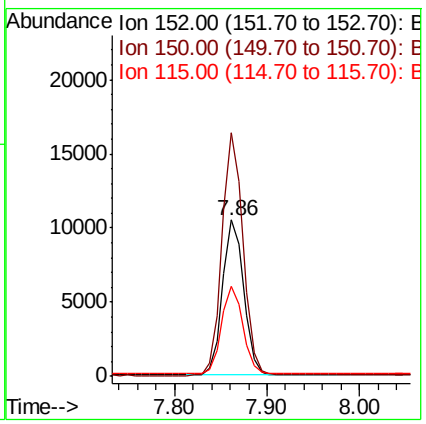


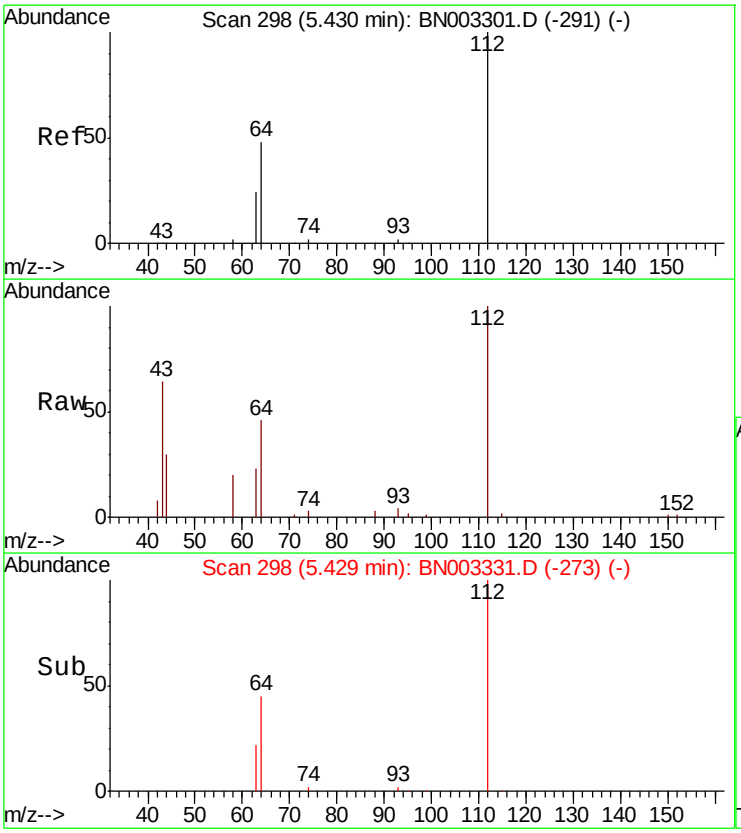
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:152 Resp: 16624

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	187.0
115	58.0	46.4	69.6

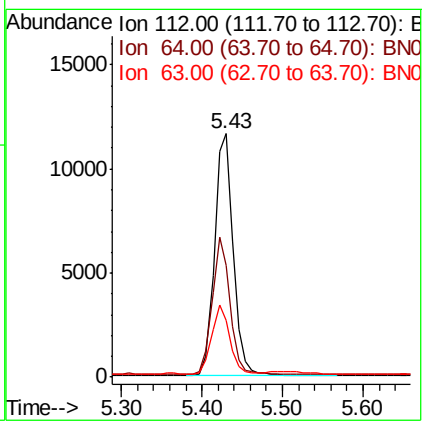


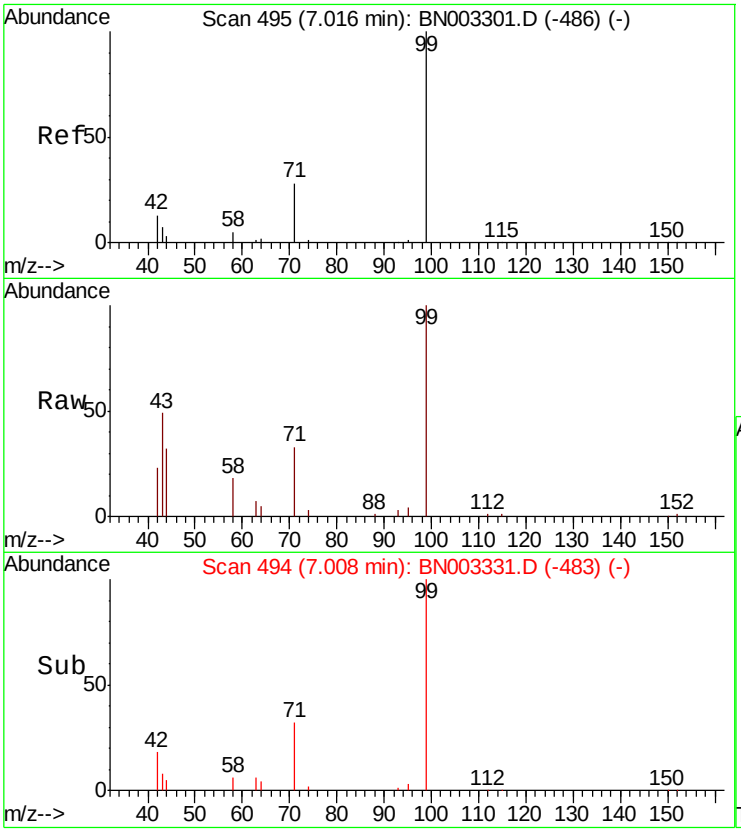


#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:112 Resp: 18687

Ion	Ratio	Lower	Upper
112	100		
64	54.1	44.3	66.5
63	26.9	22.4	33.6



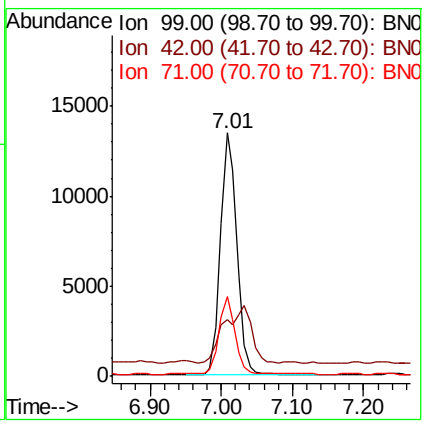


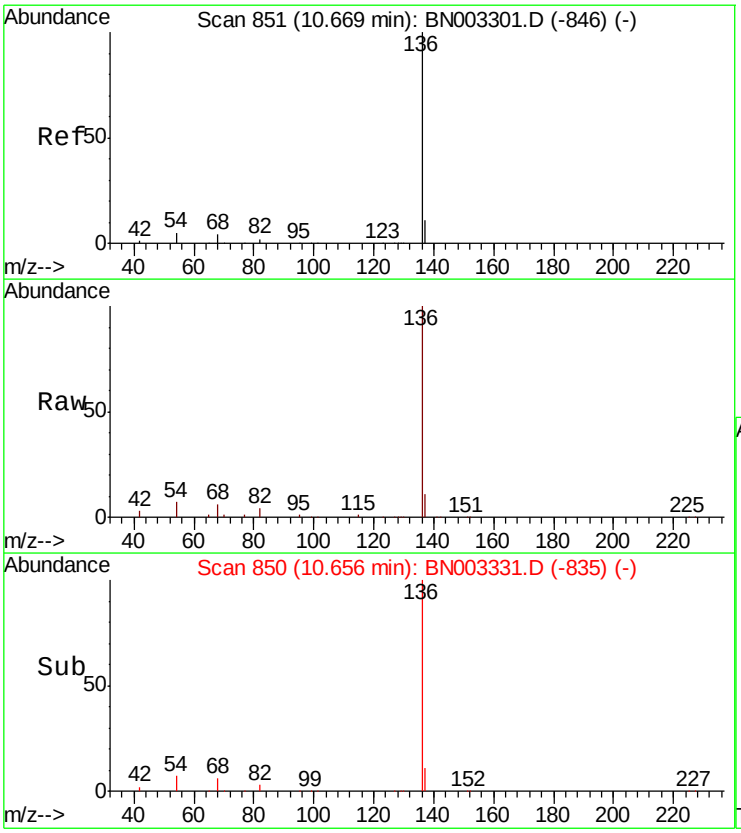
#5
Phenol-d6
Concen: 0.417 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion: 99 Resp: 21671

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.8	22.2#
71	31.0	24.8	37.2

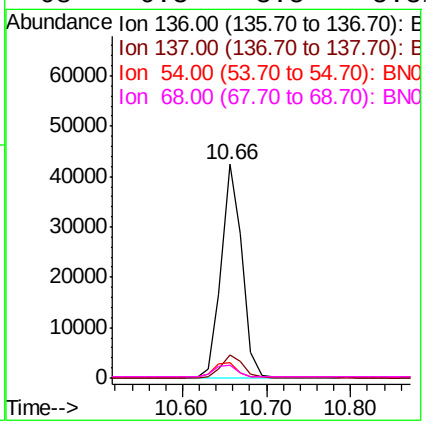


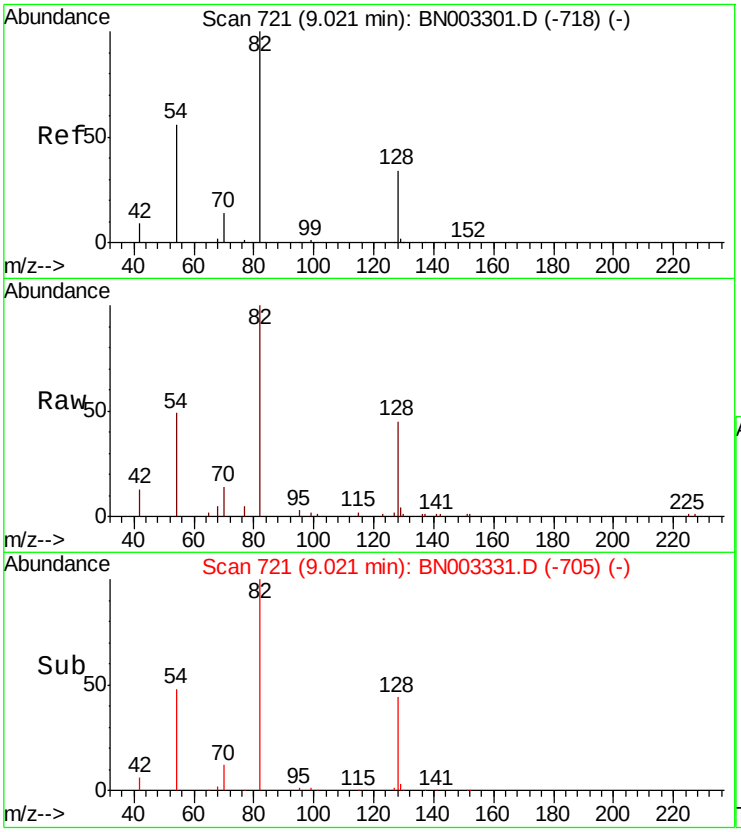


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:136 Resp: 72372

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.4	4.1	6.1#
68	6.3	3.5	5.3#



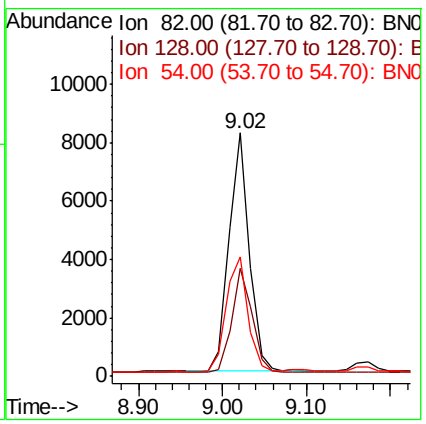


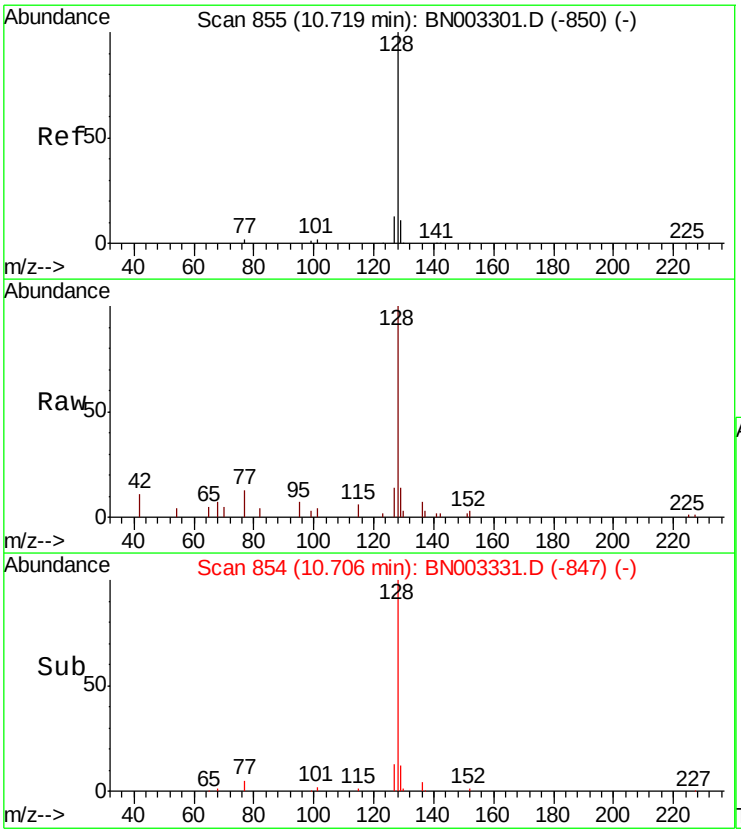
#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion: 82 Resp: 13736

Ion	Ratio	Lower	Upper
82	100		
128	44.5	28.9	43.3#
54	48.9	46.1	69.1

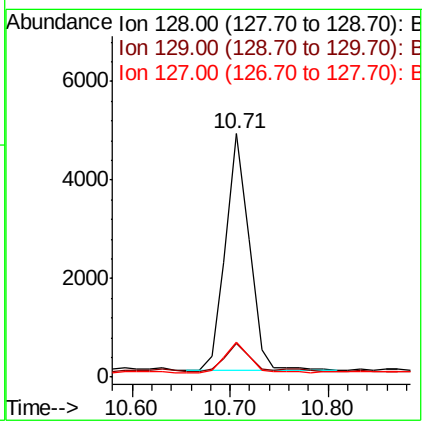


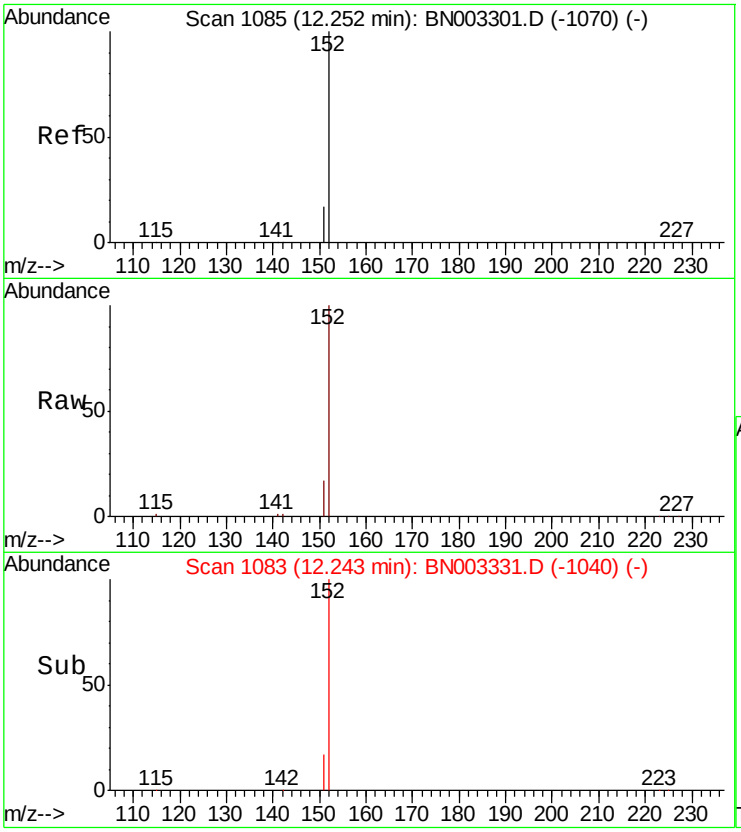


#9
Naphthalene
Concen: 0.046 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:128 Resp: 8075

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.1	13.7#
127	14.5	10.2	15.4



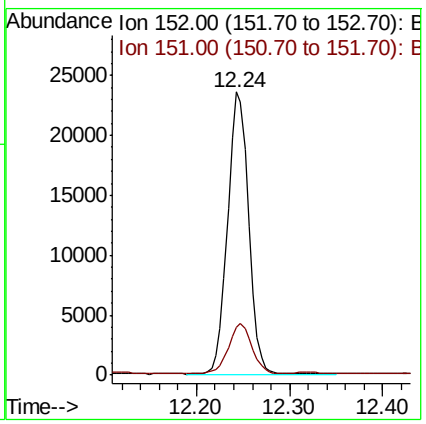


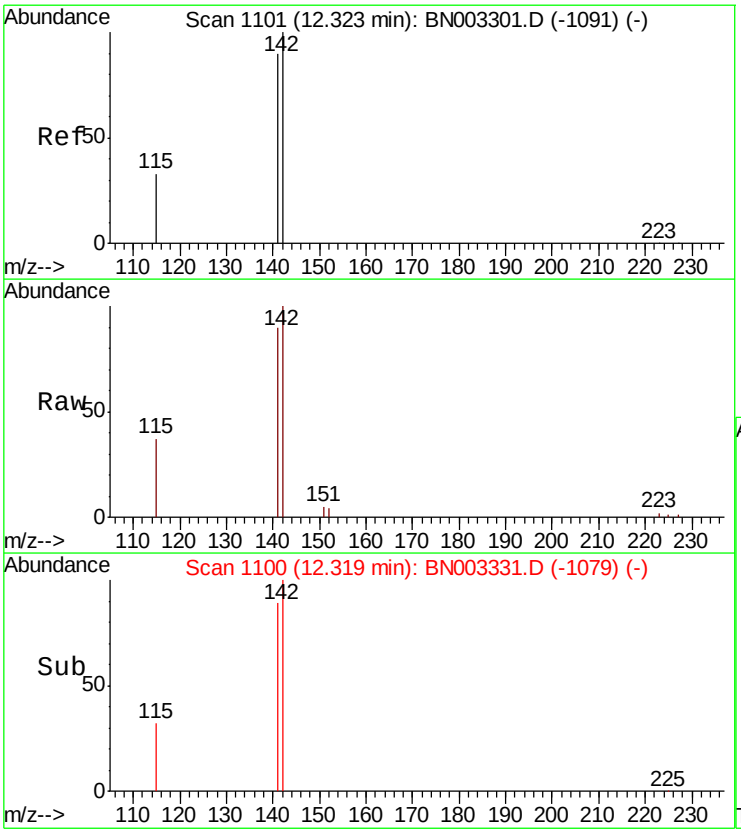
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:152 Resp: 36763

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

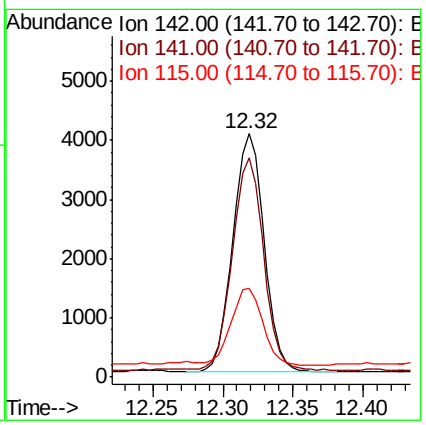


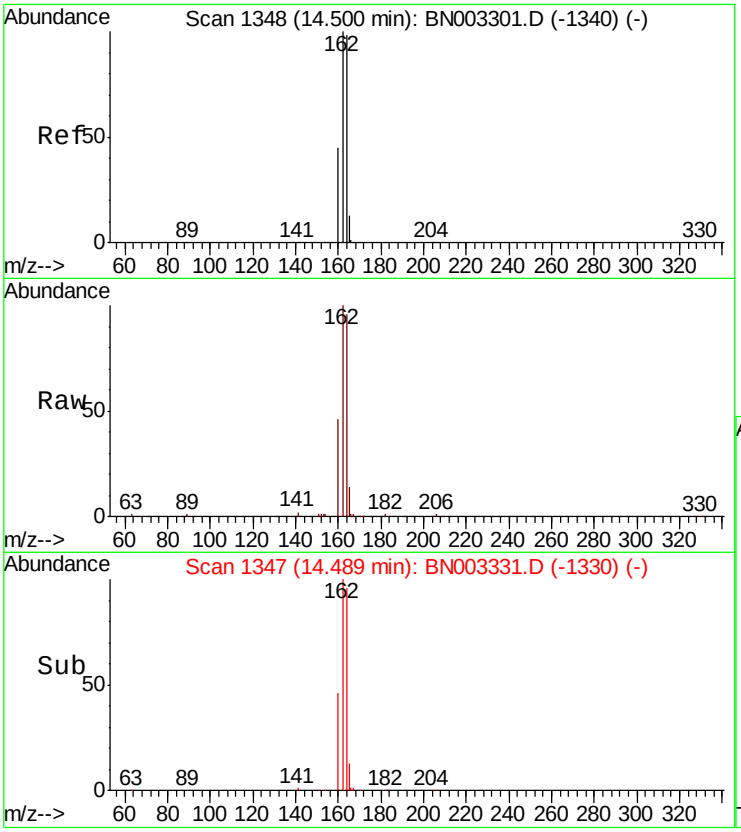


#12
2-Methylnaphthalene
Concen: 0.050 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:142 Resp: 6211

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	36.6	27.0	40.6



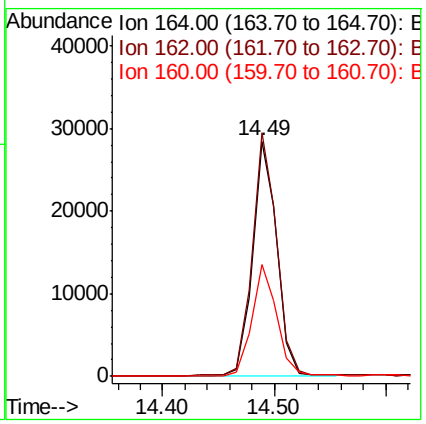


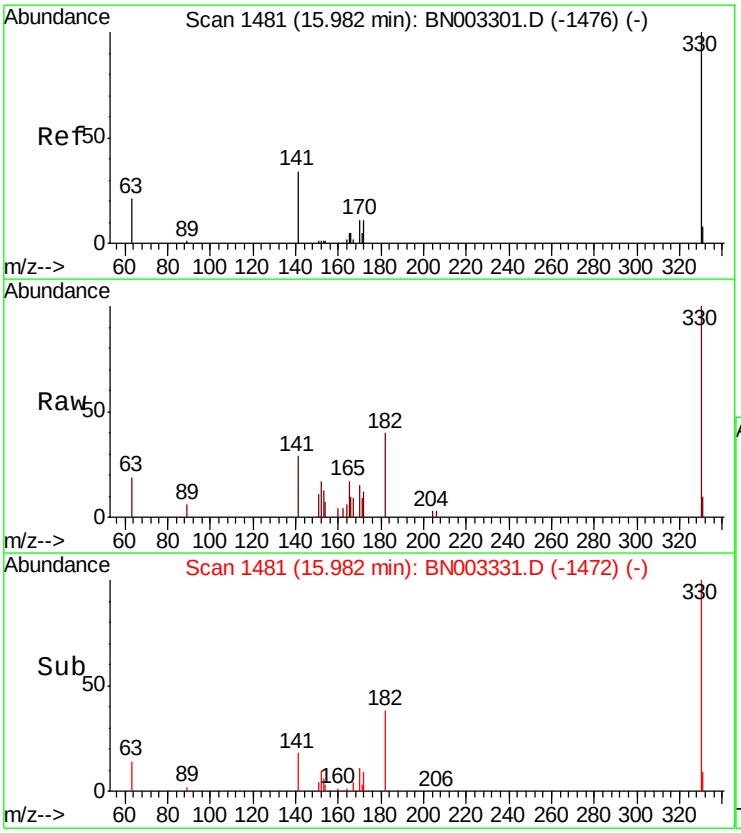
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:164 Resp: 42389

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.8	122.6
160	47.7	37.2	55.8

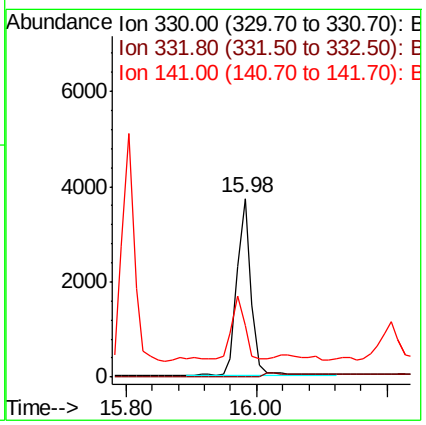


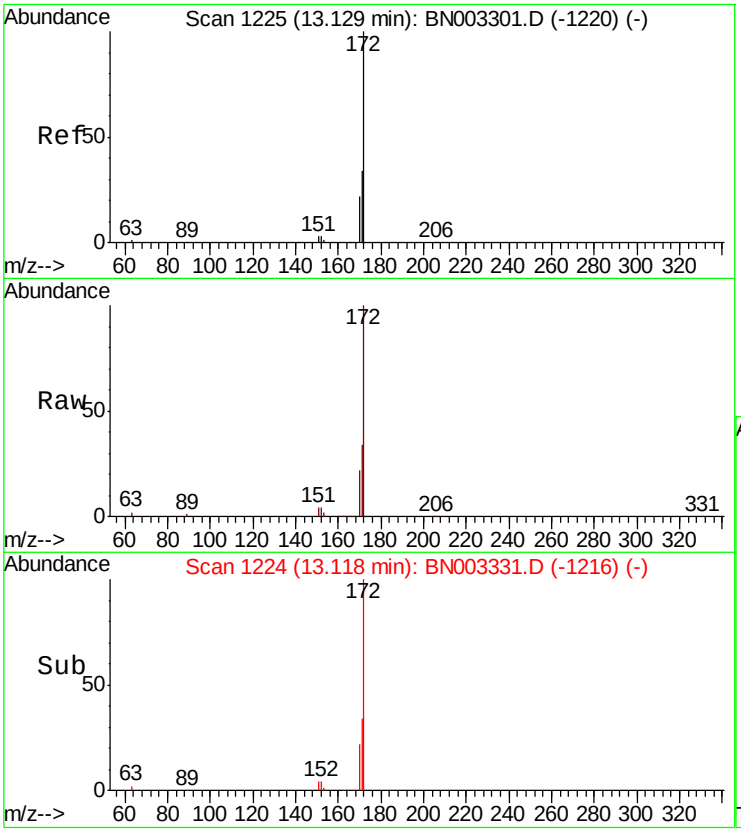


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:330 Resp: 5388

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.8	28.3	42.5



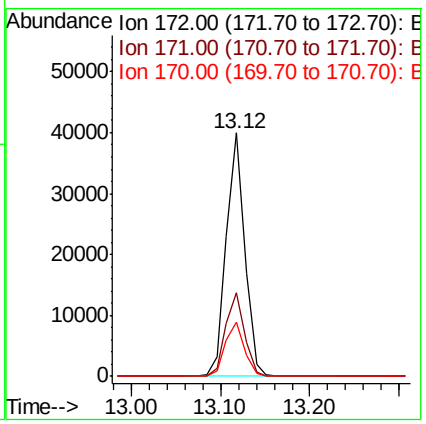


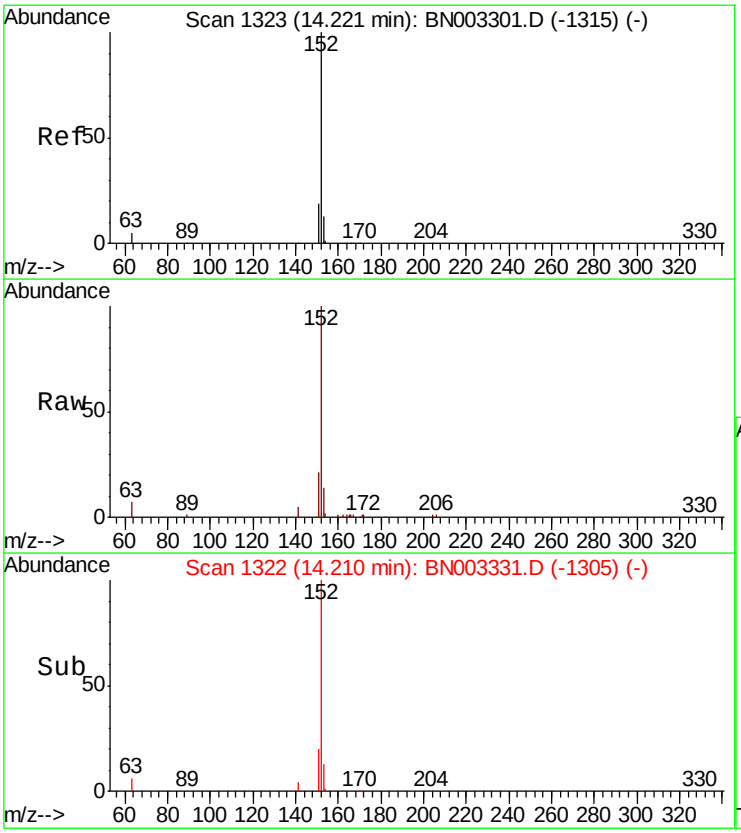
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:172 Resp: 57039

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.1	40.7
170	22.3	17.4	26.0

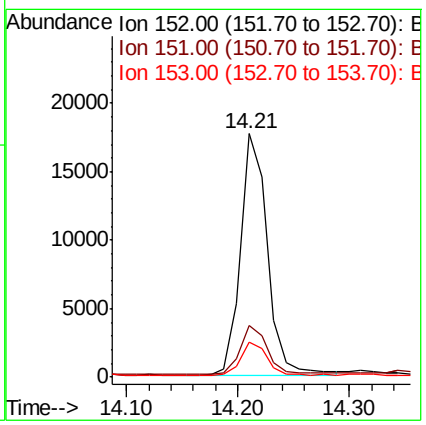


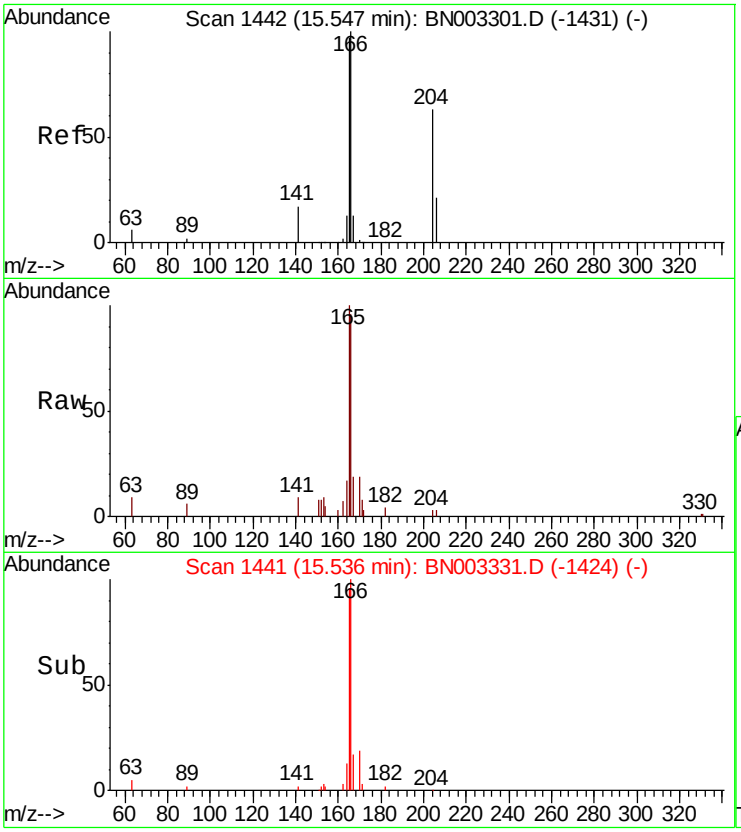


#16
Acenaphthylene
Concen: 0.156 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:152 Resp: 29400

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.8	10.6	15.8



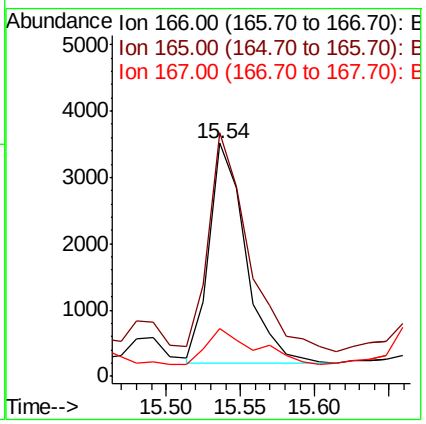


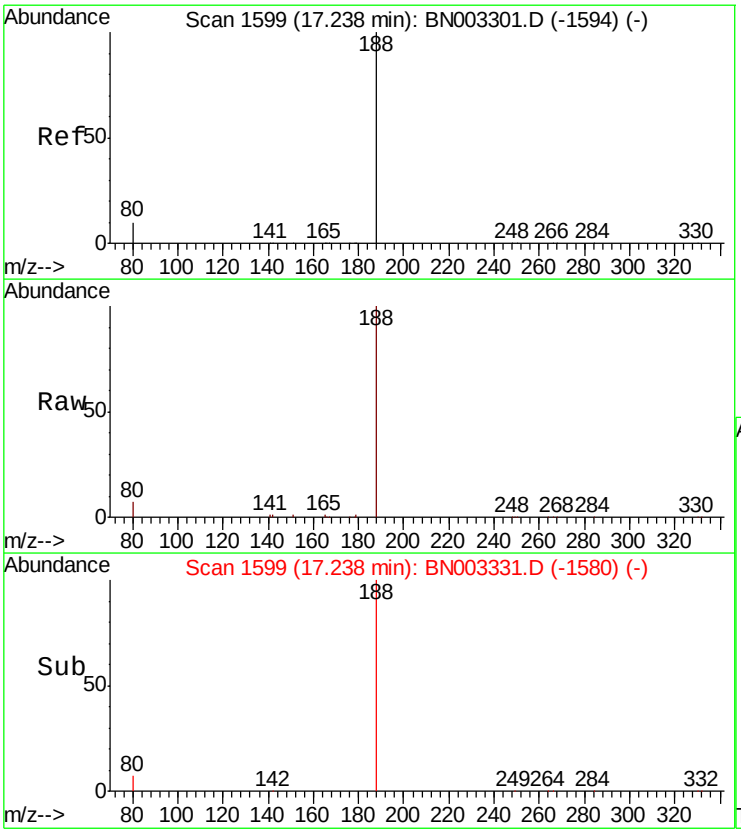
#18
Fluorene
Concen: 0.035 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:166 Resp: 5659

Ion	Ratio	Lower	Upper
166	100		
165	106.9	77.8	116.8
167	22.3	10.9	16.3#

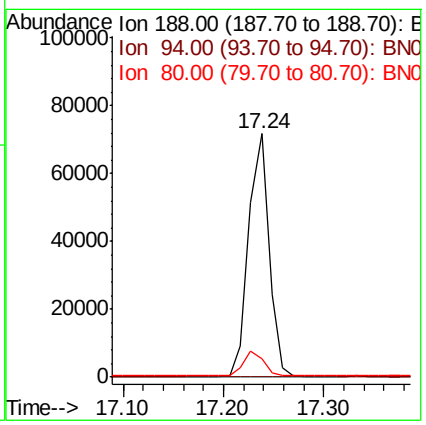


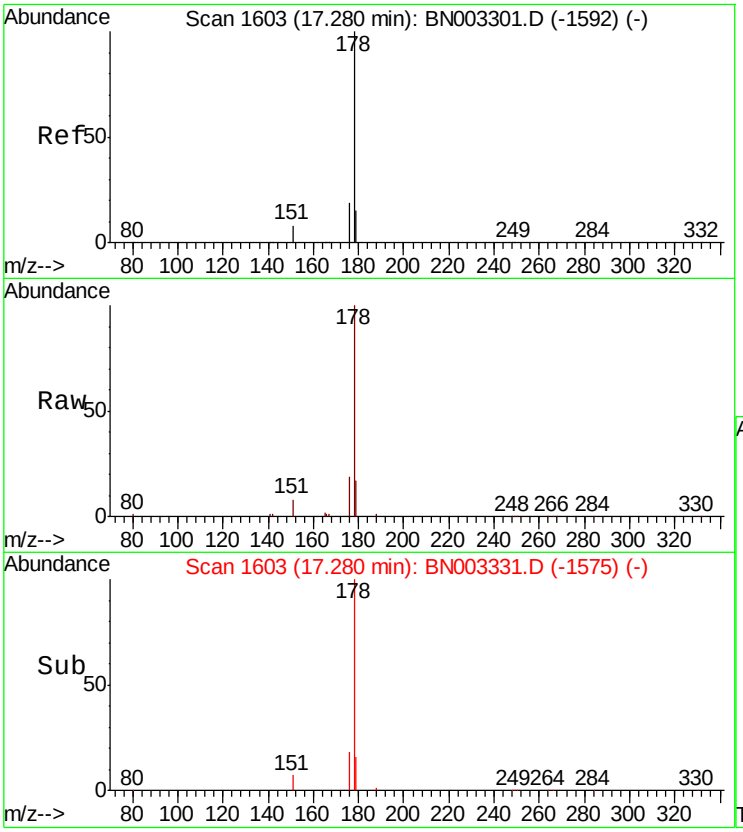


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:188 Resp: 102063

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	8.6	12.8#



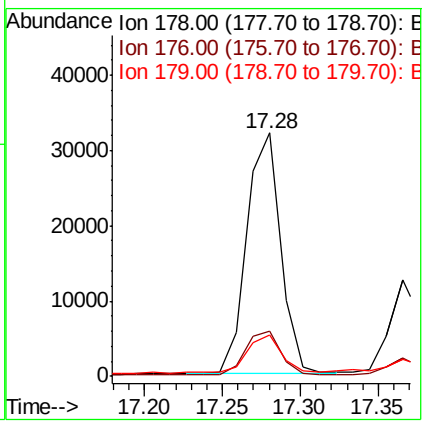


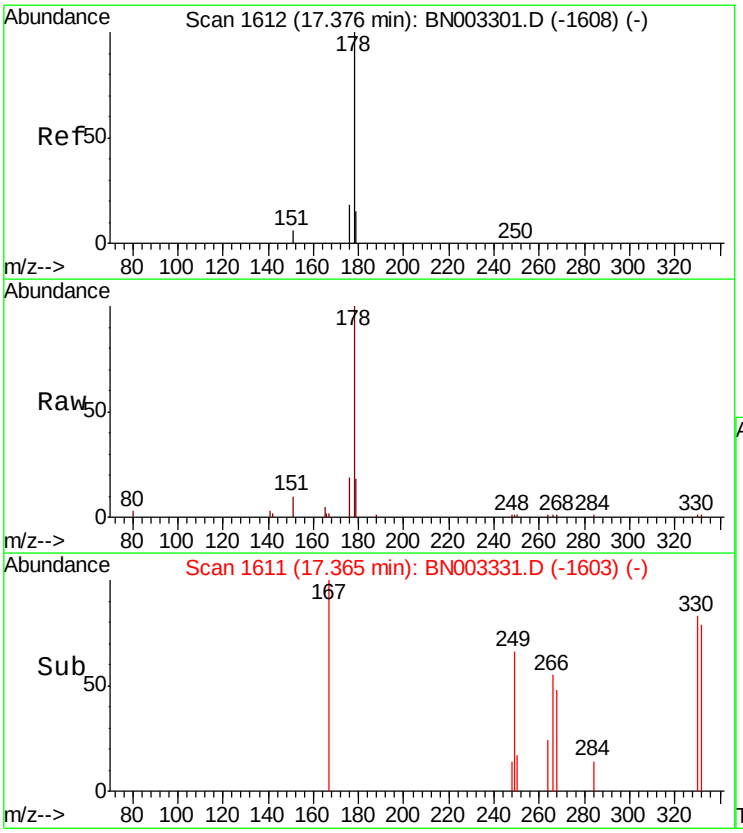
#23
Phenanthrene
Concen: 0.173 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:178 Resp: 48361

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	17.9	12.4	18.6

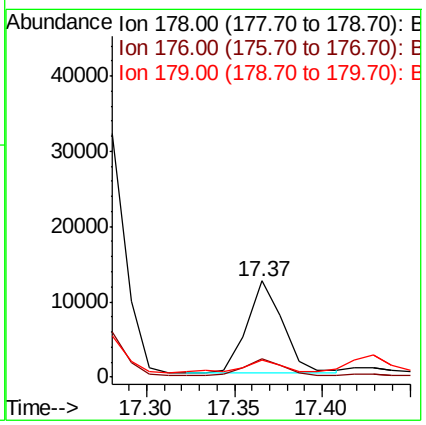


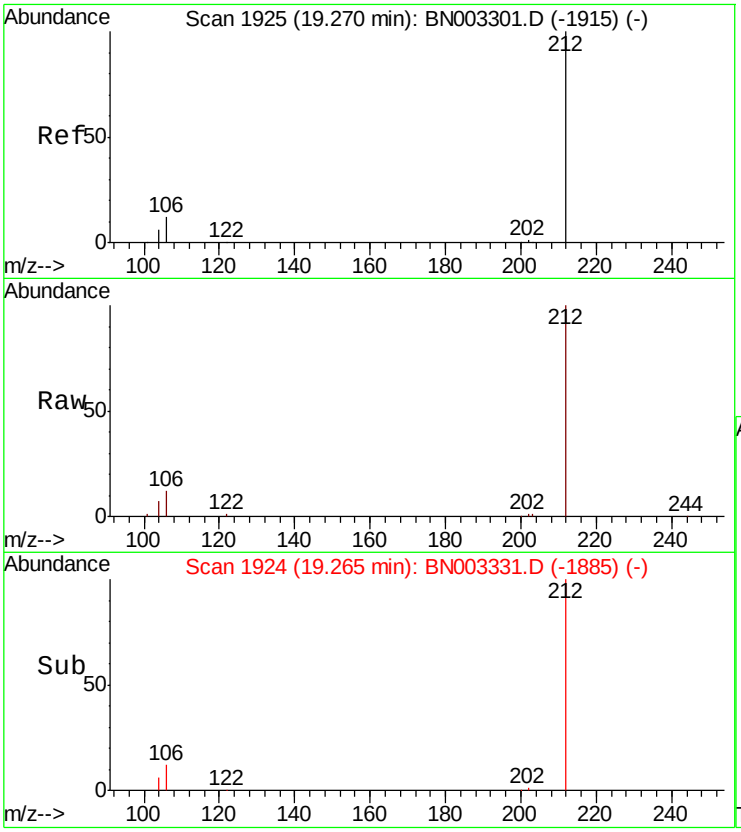


#24
Anthracene
Concen: 0.073 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:178 Resp: 17479

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.5	21.7
179	14.9	12.2	18.4



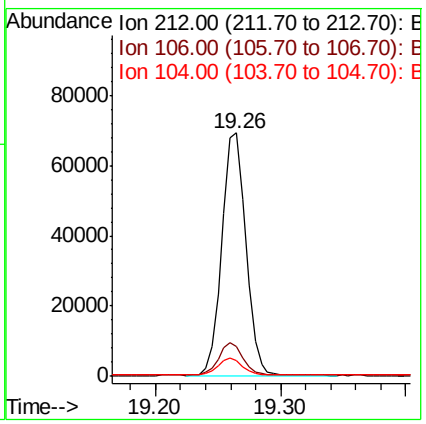


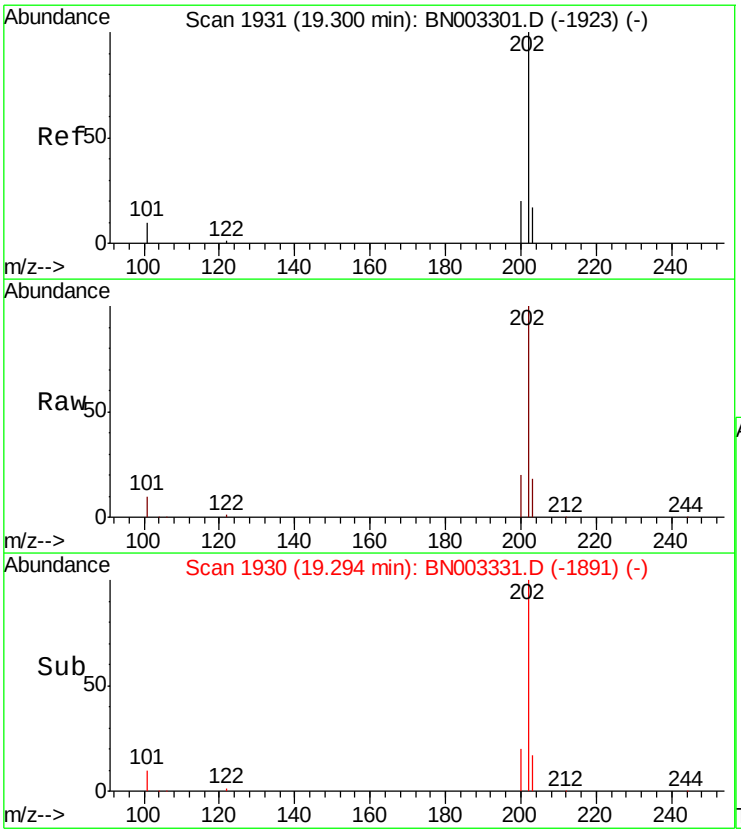
#25
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:212 Resp: 91552

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.3	15.5
104	7.4	5.6	8.4

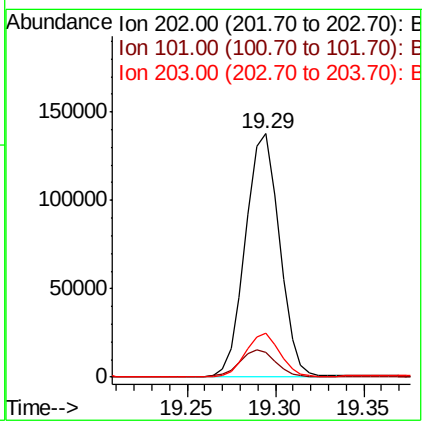


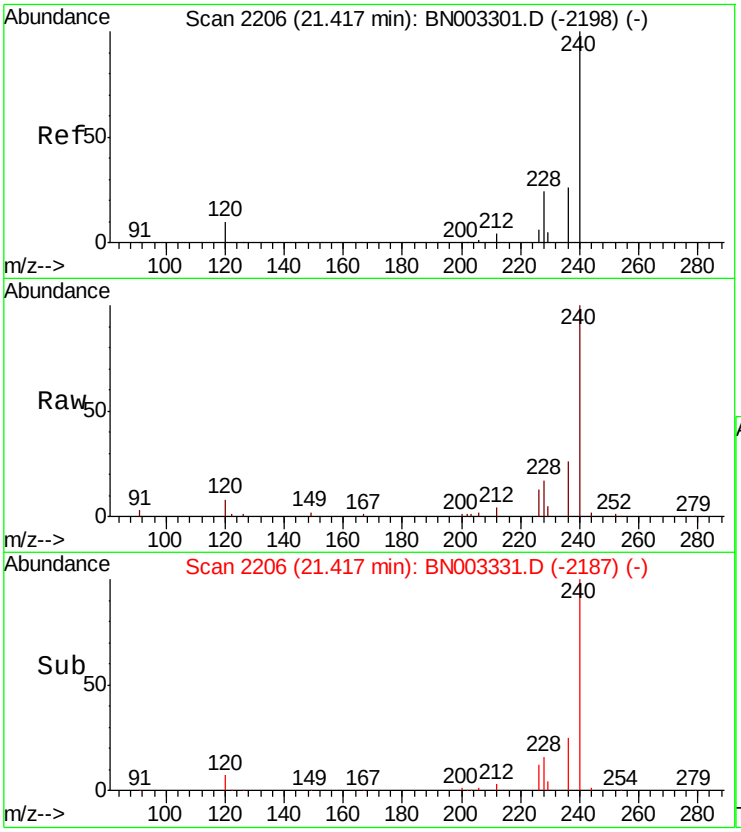


#26
Fluoranthene
Concen: 0.567 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:202 Resp: 182442

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.4
203	17.4	13.8	20.6



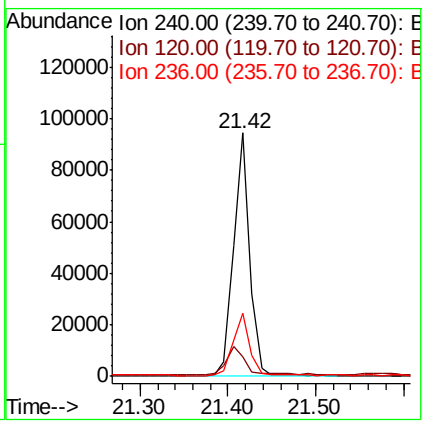


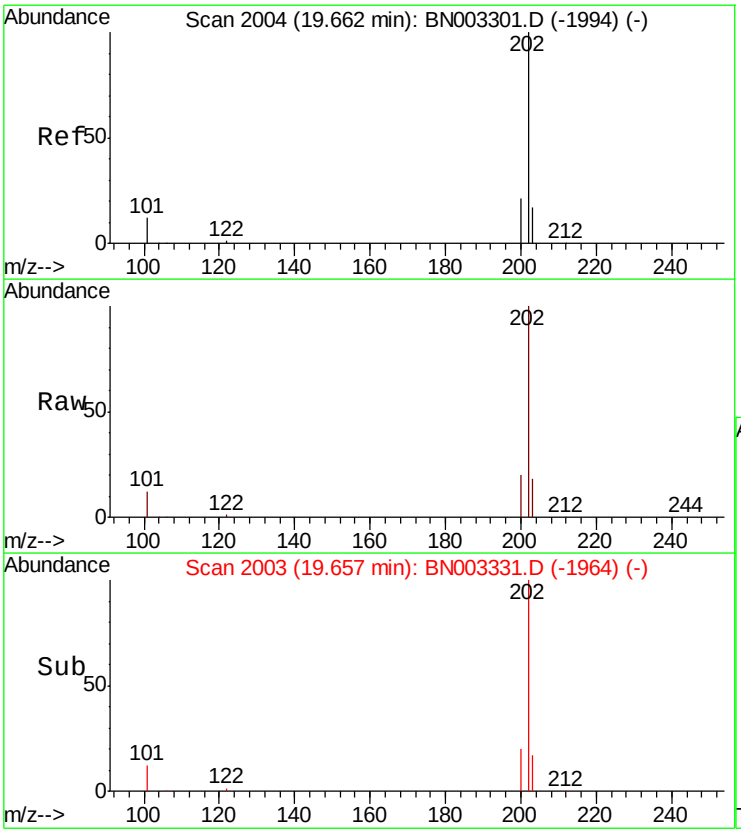
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:240 Resp: 119132

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.3	13.9#
236	25.8	21.0	31.4

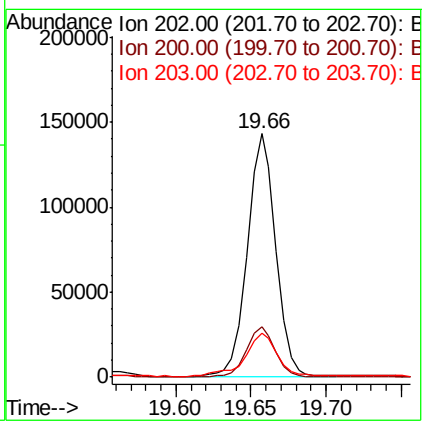


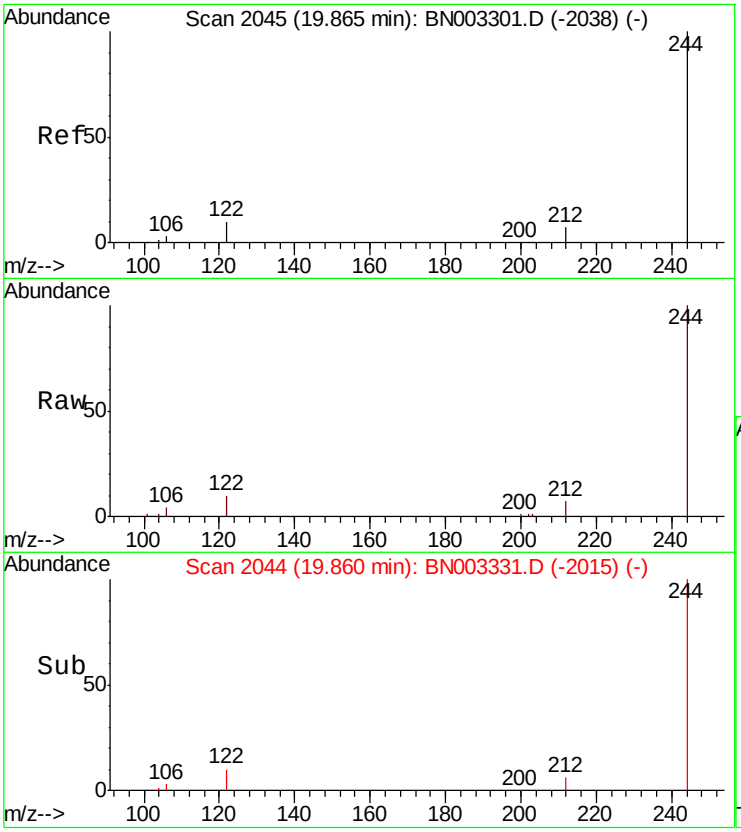


#28
Pyrene
Concen: 0.568 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:202 Resp: 187061

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	19.9	13.9	20.9



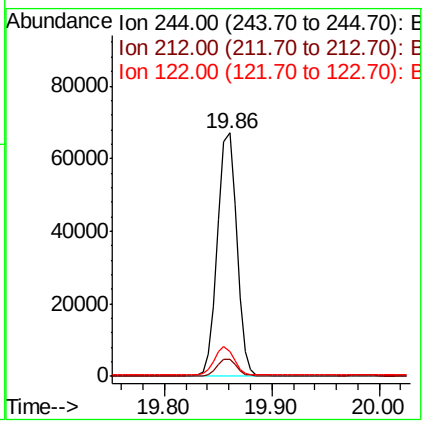


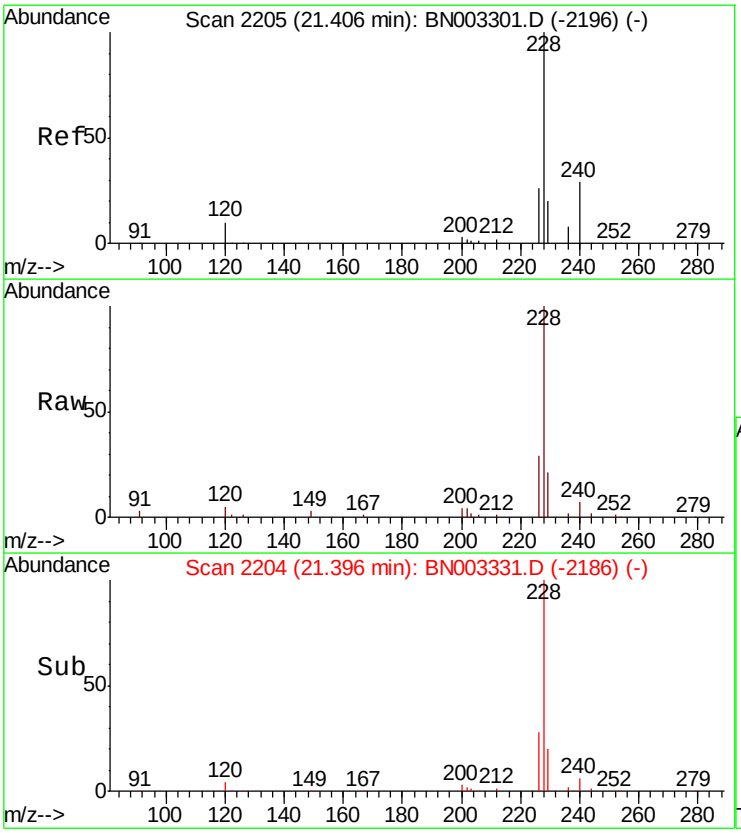
#29
Terphenyl-d14
Concen: 0.300 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:244 Resp: 83235

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.4	8.5	12.7

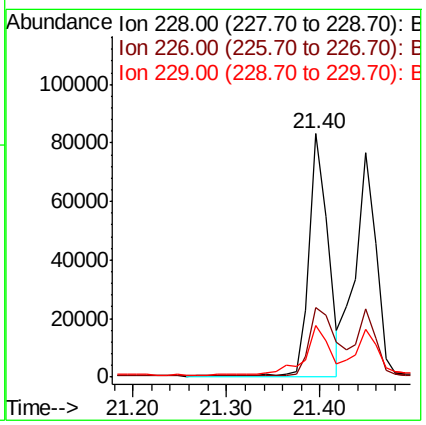


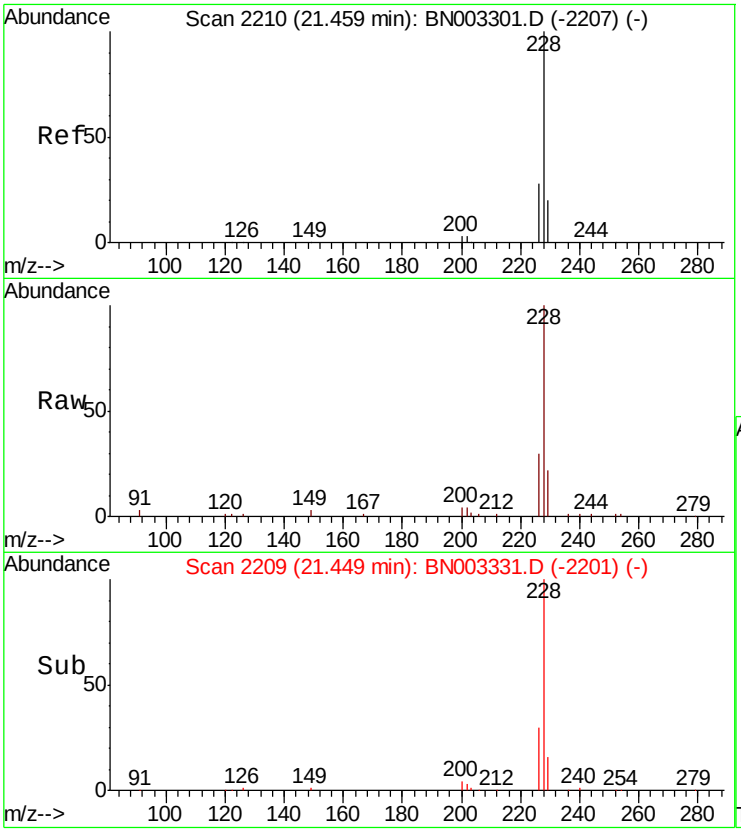


#30
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:228 Resp: 114594

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.8	31.2
229	21.2	16.1	24.1



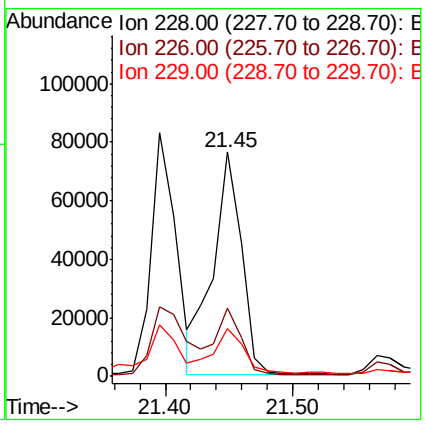


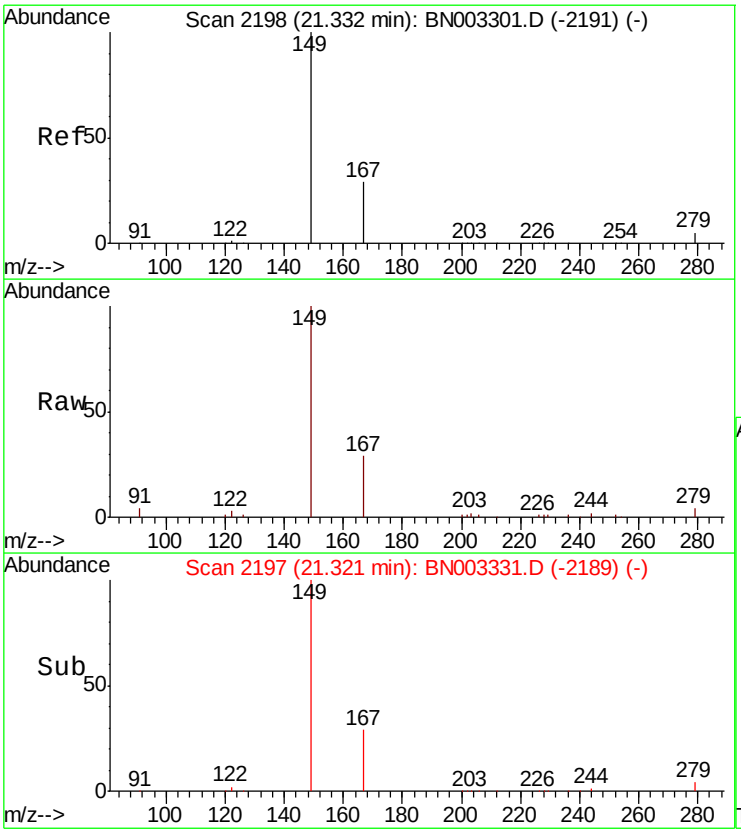
#31
Chrysene
Concen: 0.349 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:228 Resp: 117694

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	21.5	16.0	24.0

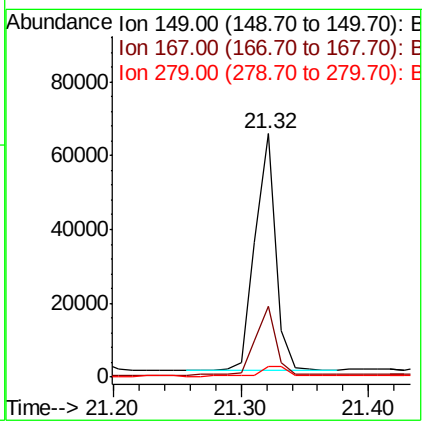


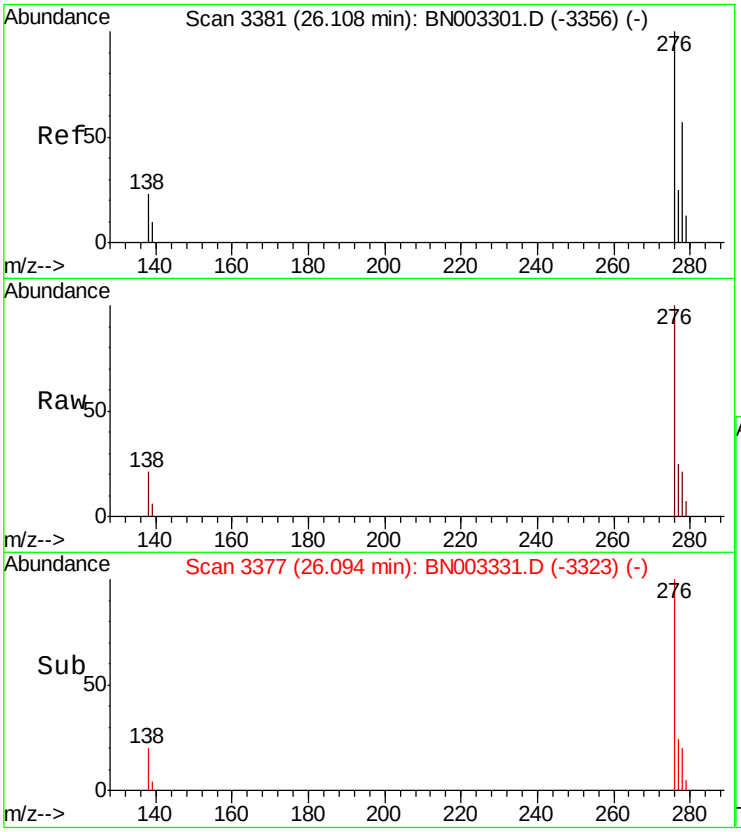


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.792 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:149 Resp: 73148

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.9	3.9	5.9



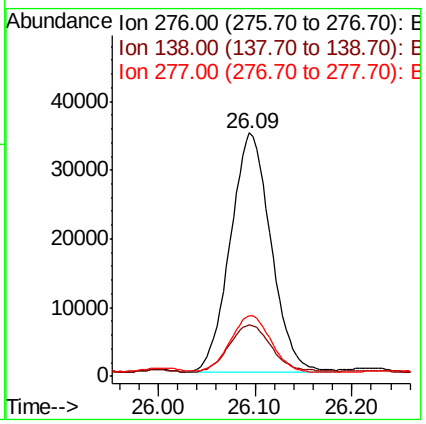


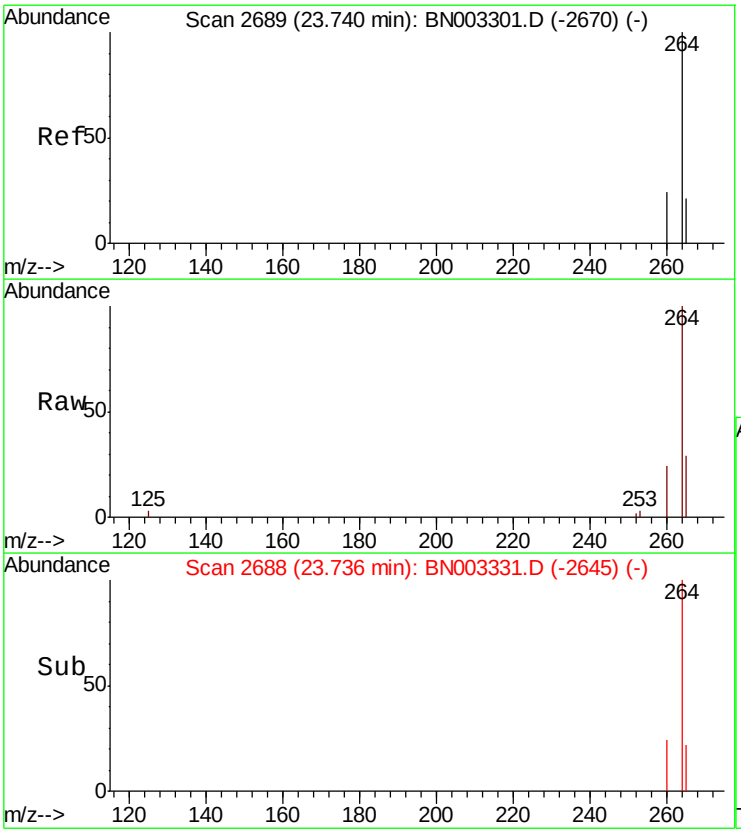
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.292 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:276 Resp: 101636

Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.6	30.8
277	24.2	20.0	30.0

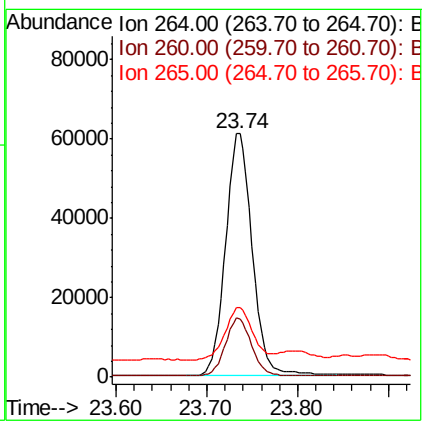


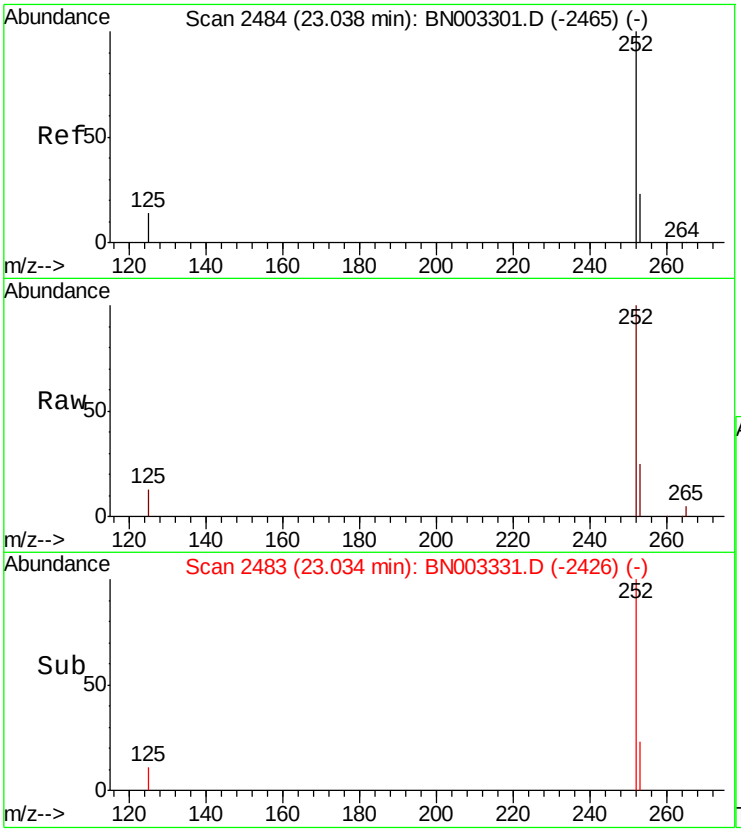


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:264 Resp: 124247

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	28.6	26.4	39.6



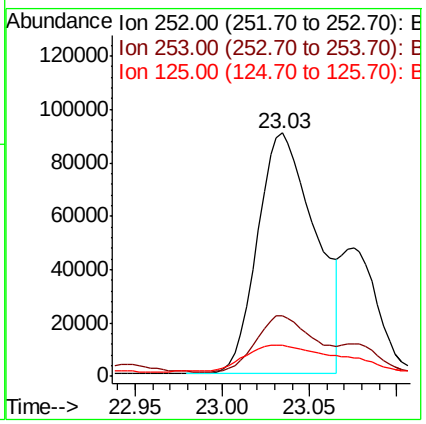


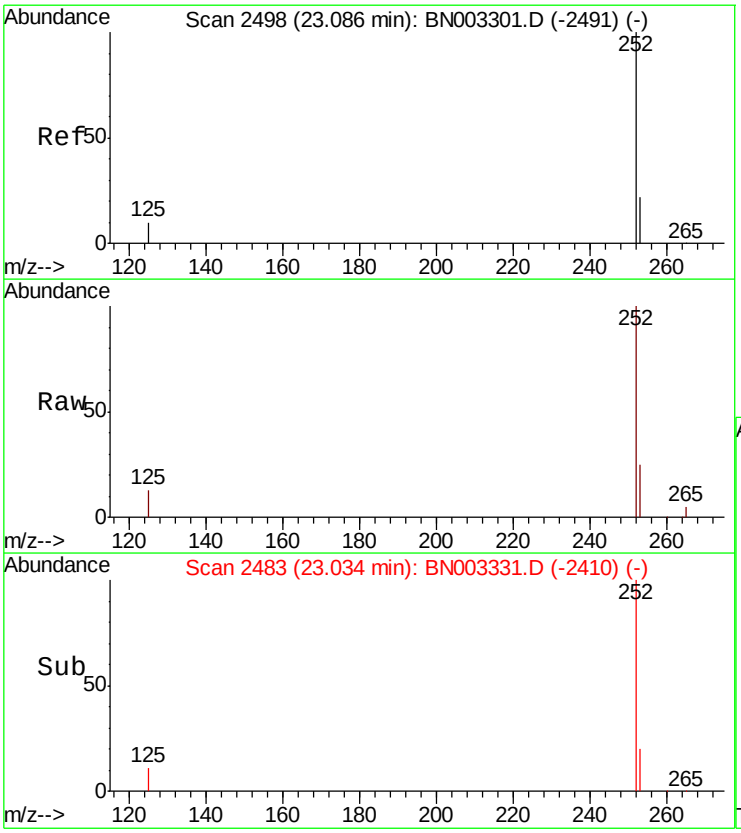
#35
Benzo(b)fluoranthene
Concen: 0.539 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:252 Resp: 209053

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	12.7	12.7	19.1#

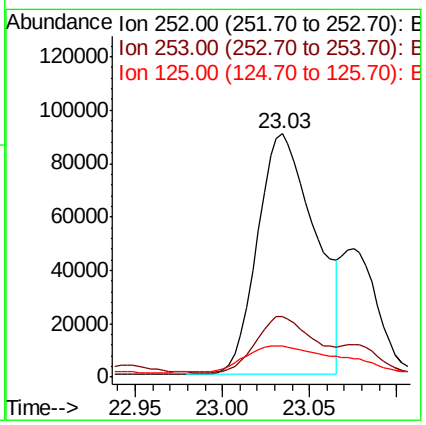


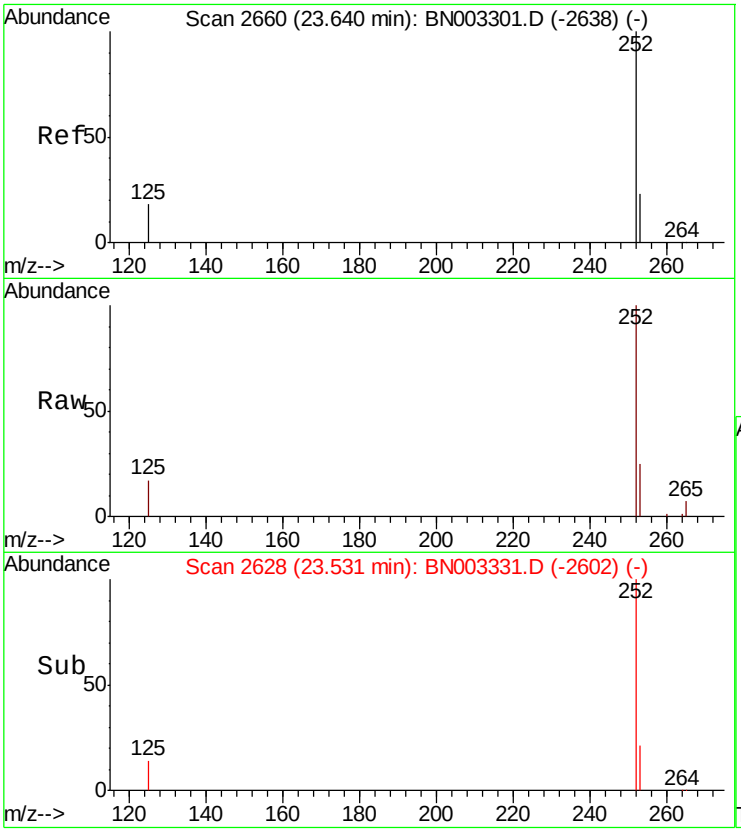


#36
Benzo(k)fluoranthene
Concen: 0.544 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.05 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:252 Resp: 209053

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	12.7	9.1	13.7



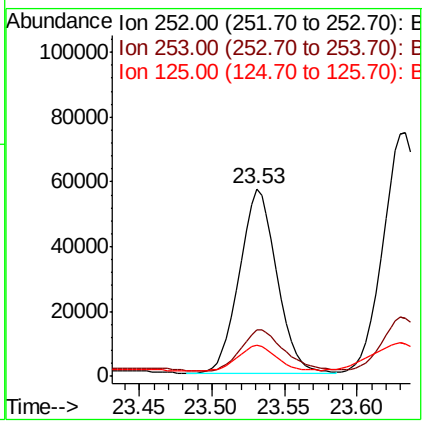


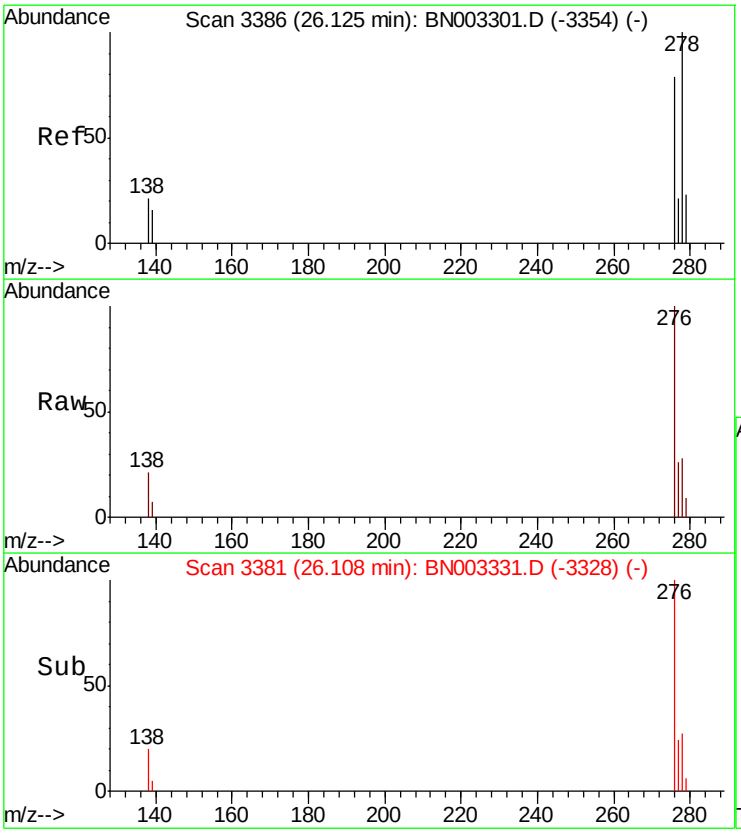
#37
Benzo(a)pyrene
Concen: 0.287 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.11 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:252 Resp: 101414

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.1	30.1
125	16.9	16.0	24.0

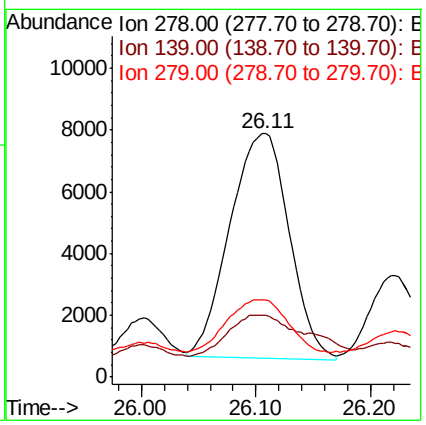


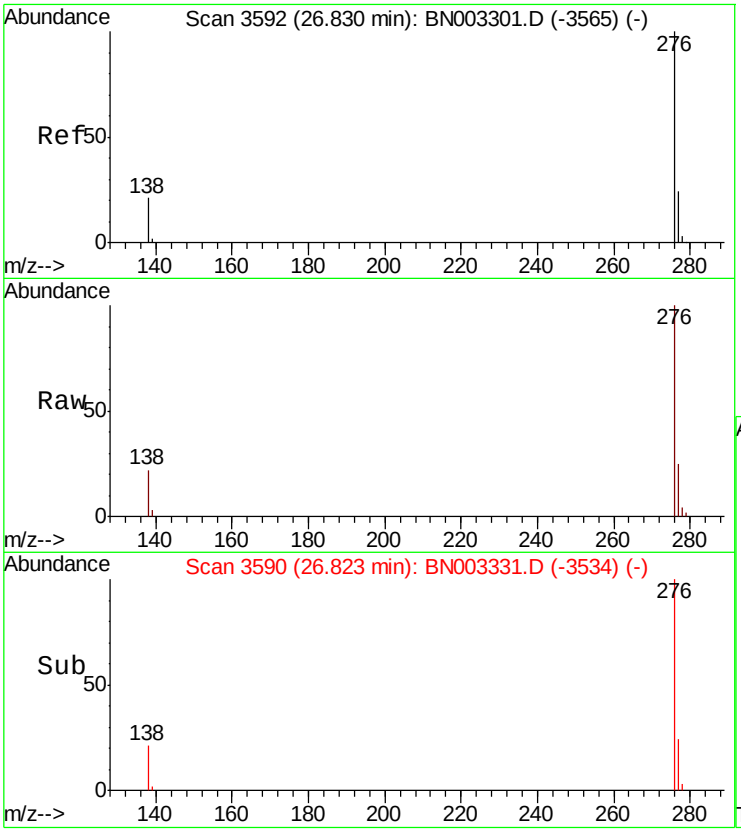


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 26.11 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Tgt Ion:278 Resp: 26031

Ion	Ratio	Lower	Upper
278	100		
139	25.5	13.5	20.3#
279	31.6	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.305 ng
RT: 26.82 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BN003331.D
Acq: 29 Oct 2018 11:46

Instrument :
BNA_N
ClientSampleId :
AOC6-01A

Tgt Ion:276 Resp: 100317

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	22.2	17.4	26.2