Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003333.D
Acq On : 29 Oct 2018 12:57
Operator : MJ/SJ
Sample : J5521-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : AOC6-01AMSD

Quant Time: Oct 30 06:44:50 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	15742	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	68697	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	39773	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	90510	0.40	ng		0.00
27) Chrysene-d12	21.42	240	90316	0.40	ng		0.00
34) Perylene-d12	23.74	264	77826	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	14476	0.37	ng		0.00
5) Phenol-d6	7.01	99	18914	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	12626	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	31250	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4989	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	47635	0.28	ng		-0.01
25) Fluoranthene-d10	19.26	212	66258	0.25	ng		0.00
29) Terphenyl-d14	19.86	244	57663	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3971	0.195	ng	#	43
3) n-Nitrosodimethylamine	3.67	42	4063	0.433	ng	#	89
6) bis(2-Chloroethyl)ether	7.29	93	12678	0.289	ng		98
9) Naphthalene	10.71	128	49430	0.294	ng		99
10) Hexachlorobutadiene	10.99	225	7138	0.233	ng	#	99
12) 2-Methylnaphthalene	12.32	142	35419	0.302	ng		98
16) Acenaphthylene	14.21	152	63992	0.361	ng		100
17) Acenaphthene	14.56	154	31441	0.256	ng		99
18) Fluorene	15.54	166	42901	0.279	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	13461	0.257	ng	#	91
21) Hexachlorobenzene	16.54	284	12770	0.231	ng		99
22) Pentachlorophenol	16.88	266	4450	0.297	ng		98
23) Phenanthrene	17.28	178	102465	0.413	ng		100
24) Anthracene	17.37	178	67758	0.318	ng		100
26) Fluoranthene	19.29	202	192665	0.676	ng		98
28) Pyrene	19.66	202	185515	0.743	ng		99
30) Benzo(a)anthracene	21.40	228	135174	0.571	ng		97
31) Chrysene	21.45	228	120274	0.471	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	71250	1.017	ng		100
33) Indeno(1,2,3-cd)pyrene	26.10	276	98569	0.373	ng		97
35) Benzo(b)fluoranthene	23.08	252	95240	0.392	ng		97
36) Benzo(k)fluoranthene	23.08	252	96593	0.402	ng		97
37) Benzo(a)pyrene	23.53	252	45664	0.207	ng		98
38) Dibenzo(a,h)anthracene	26.11	278	57153	0.278	ng		96
39) Benzo(g,h,i)perylene	26.82	276	89749	0.436	ng		99

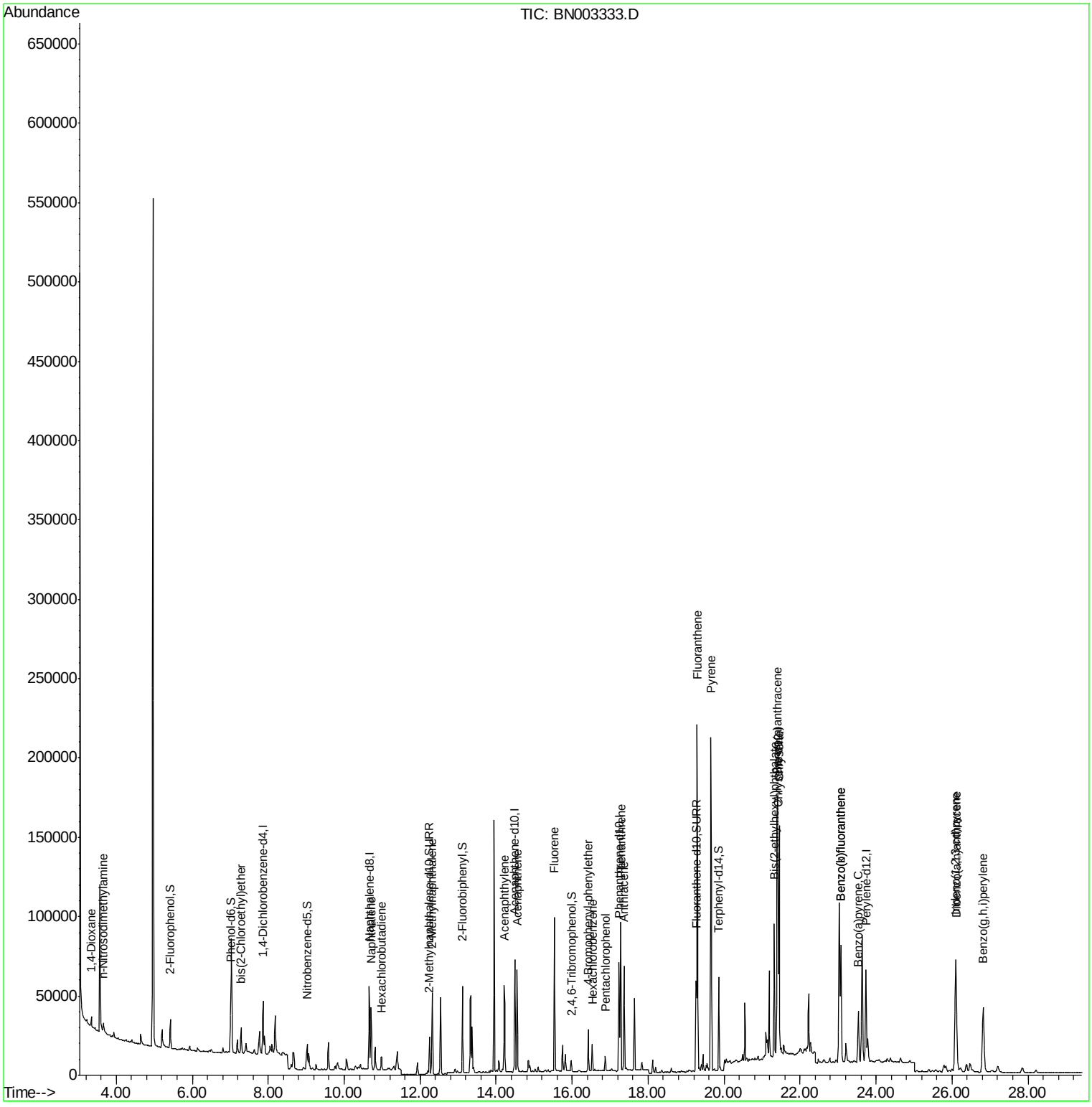
(#) = qualifier out of range (m) = manual integration (+) = signals summed

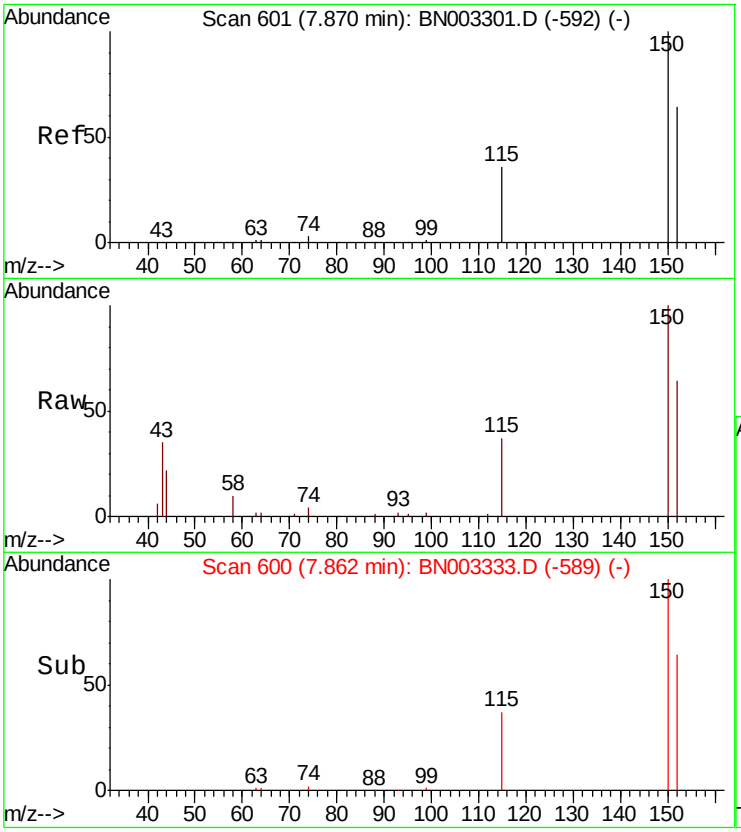
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003333.D
Acq On : 29 Oct 2018 12:57
Operator : MJ/SJ
Sample : J5521-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Quant Time: Oct 30 06:44:50 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



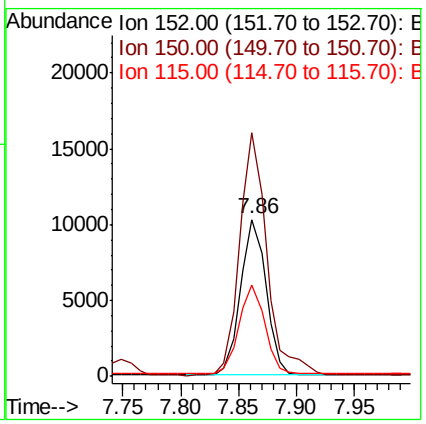


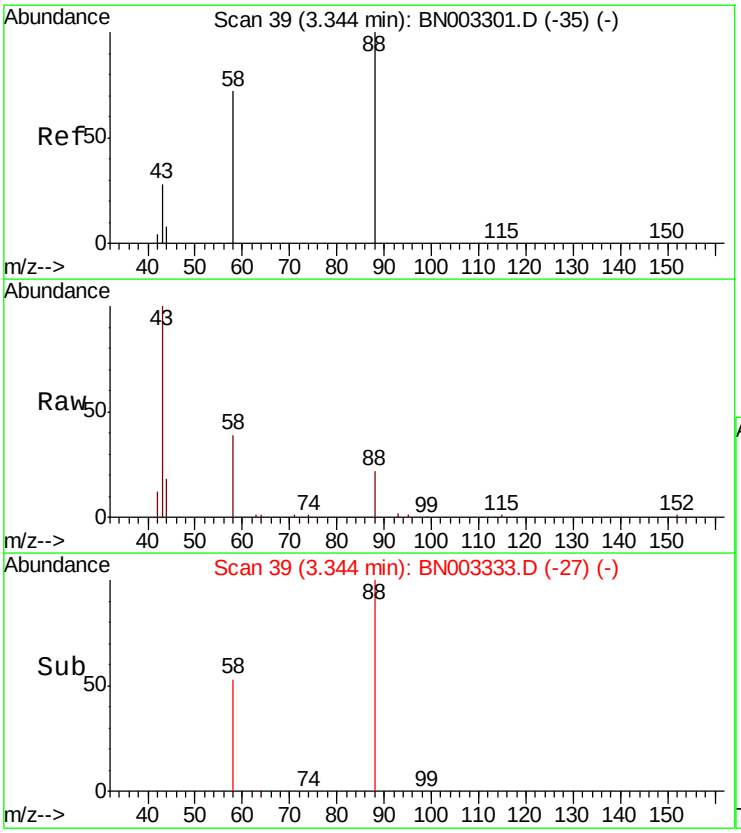
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:152 Resp: 15742

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	187.0
115	58.1	46.4	69.6

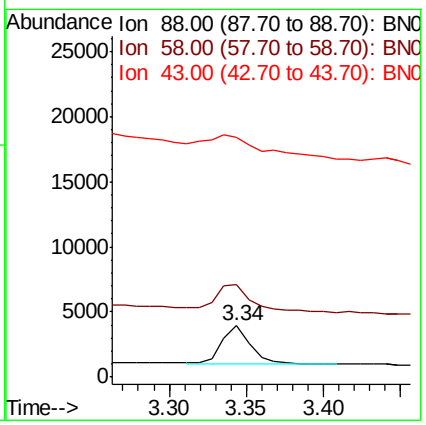


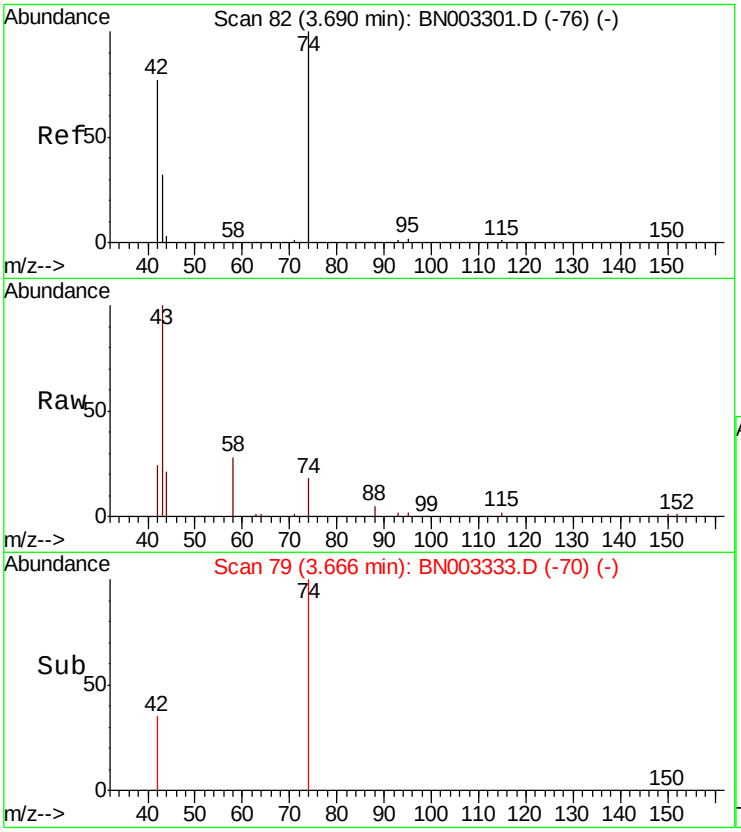


#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion: 88 Resp: 3971

Ion	Ratio	Lower	Upper
88	100		
58	90.8	60.9	91.3
43	115.3	23.9	35.9#



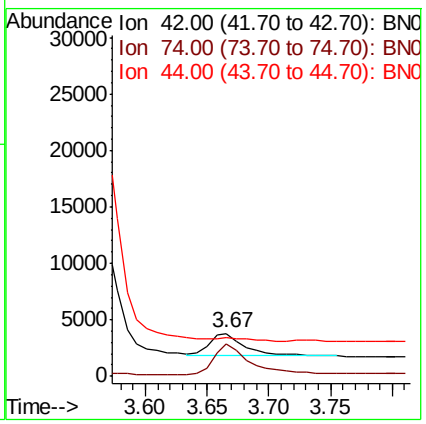


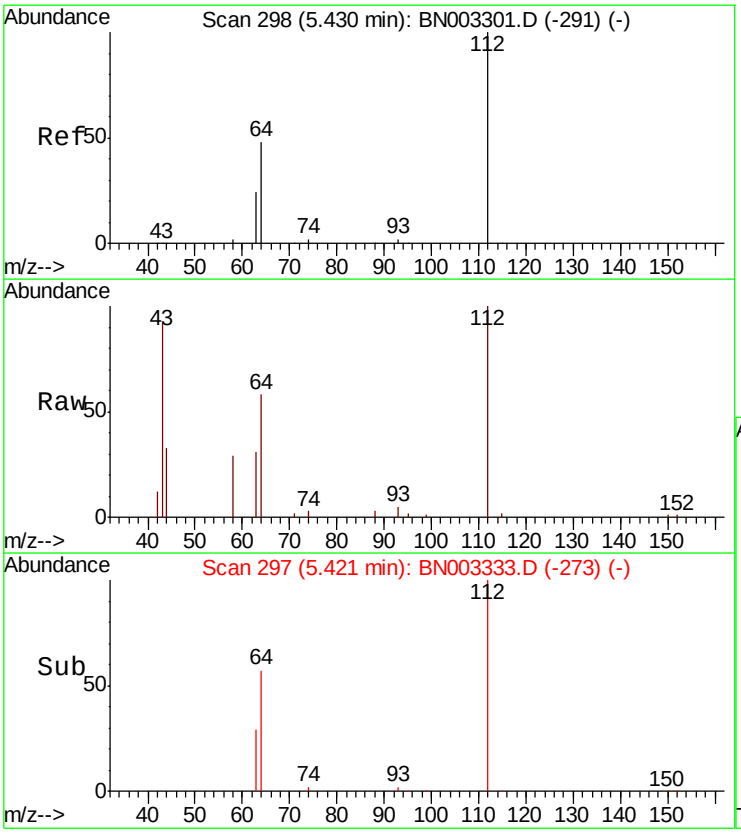
#3
n-Nitrosodimethylamine
Concen: 0.433 ng
RT: 3.67 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion: 42 Resp: 4063

Ion	Ratio	Lower	Upper
42	100		
74	135.5	99.1	148.7
44	0.0	4.2	6.4#

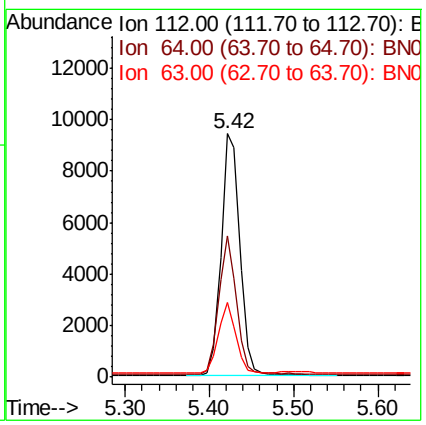


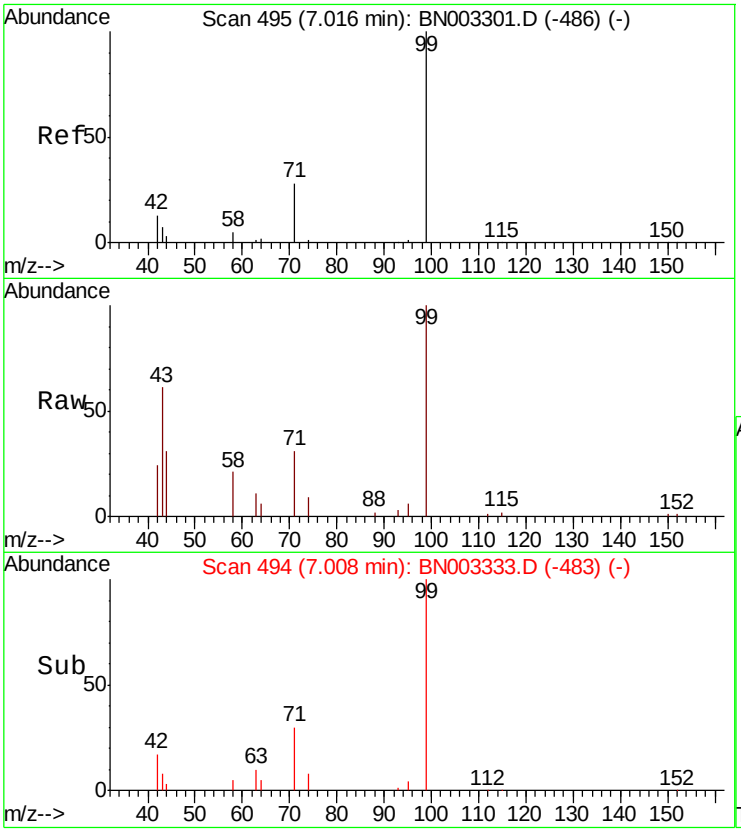


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:112 Resp: 14476

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.3	66.5
63	26.8	22.4	33.6



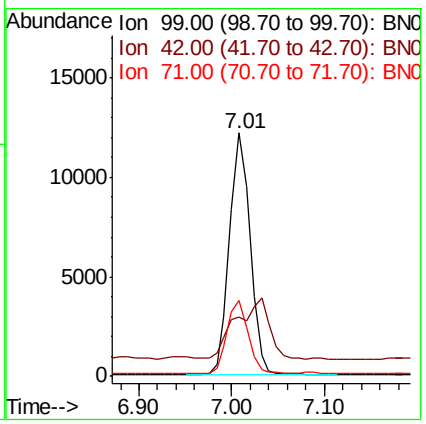


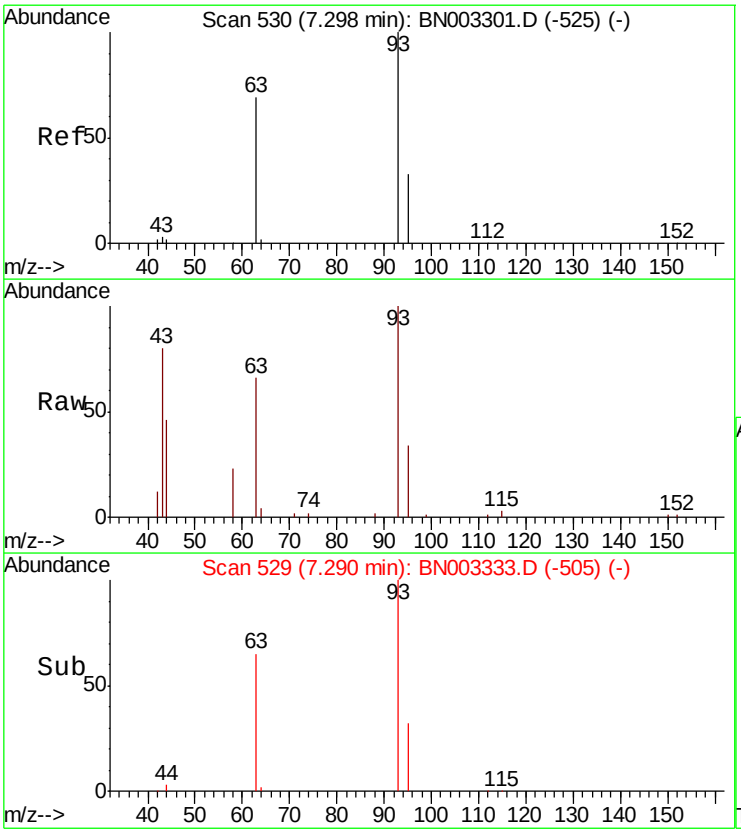
#5
Phenol-d6
Concen: 0.384 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion: 99 Resp: 18914

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.8	22.2#
71	31.1	24.8	37.2

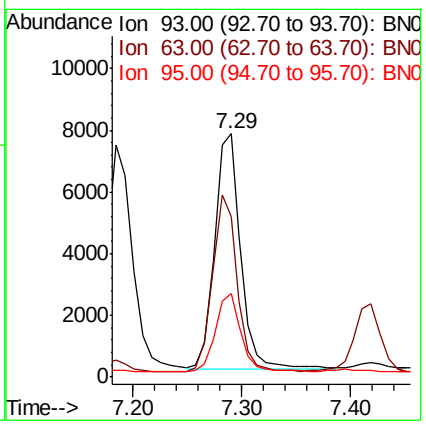


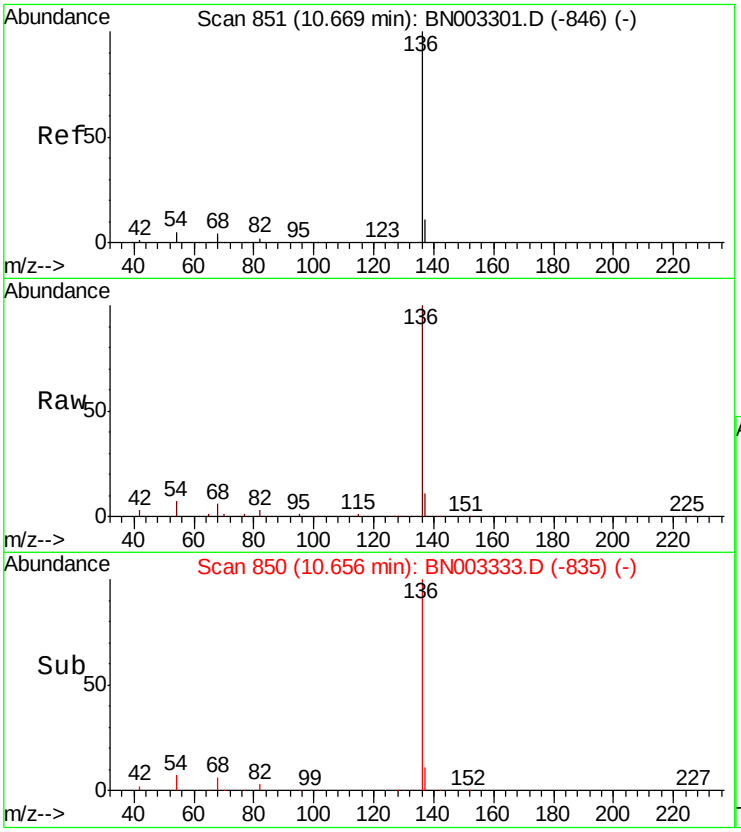


#6
bis(2-Chloroethyl)ether
Concen: 0.289 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion: 93 Resp: 12678

Ion	Ratio	Lower	Upper
93	100		
63	71.4	55.8	83.6
95	32.7	25.4	38.2



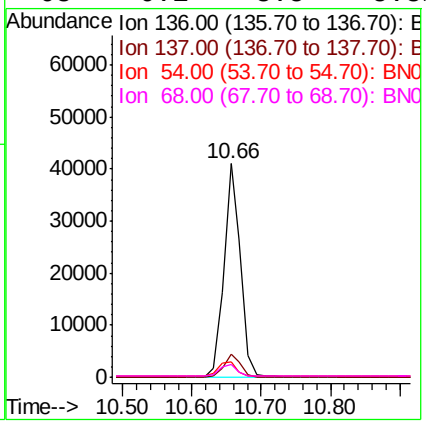


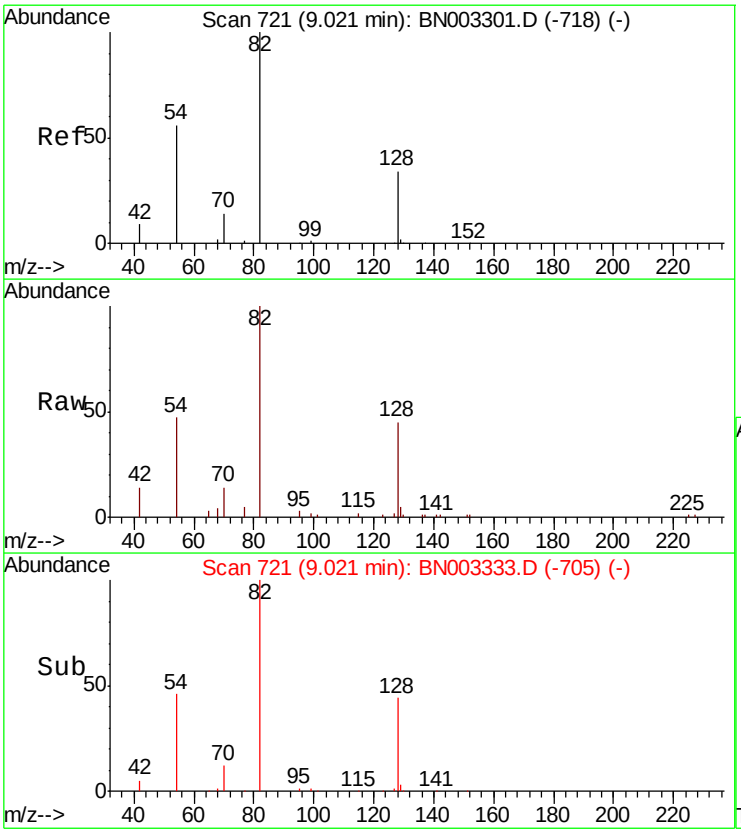
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:136 Resp: 68697

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	4.1	6.1#
68	6.1	3.5	5.3#

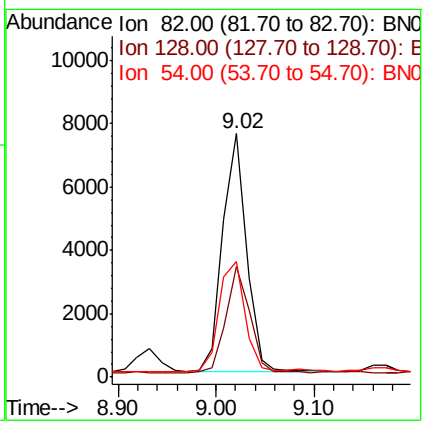


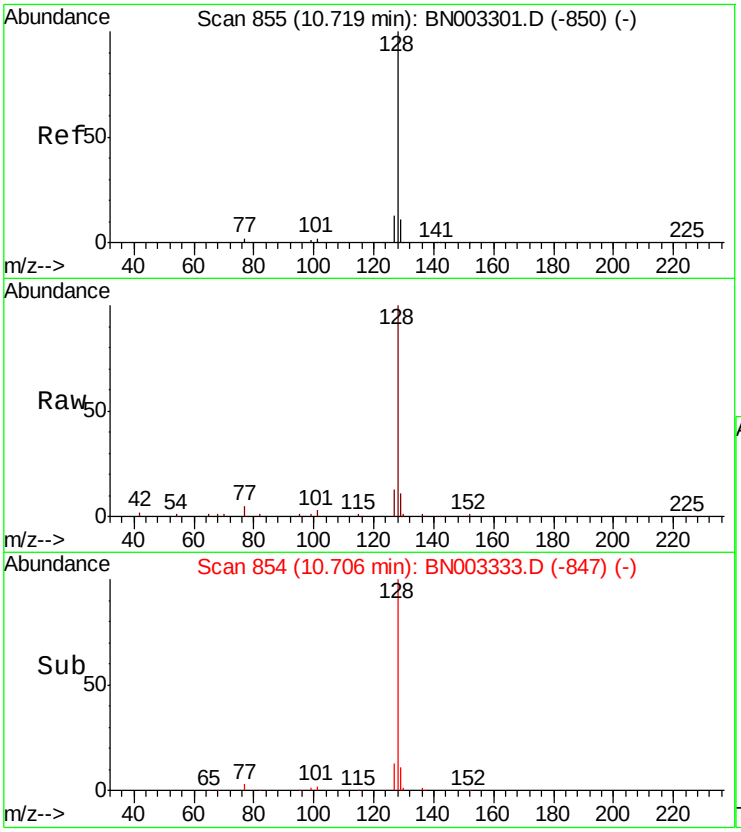


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion: 82 Resp: 12626

Ion	Ratio	Lower	Upper
82	100		
128	45.3	28.9	43.3#
54	47.4	46.1	69.1



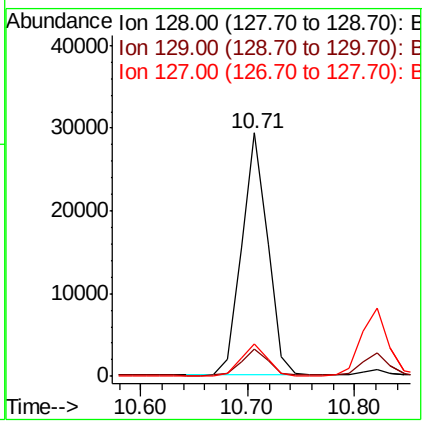


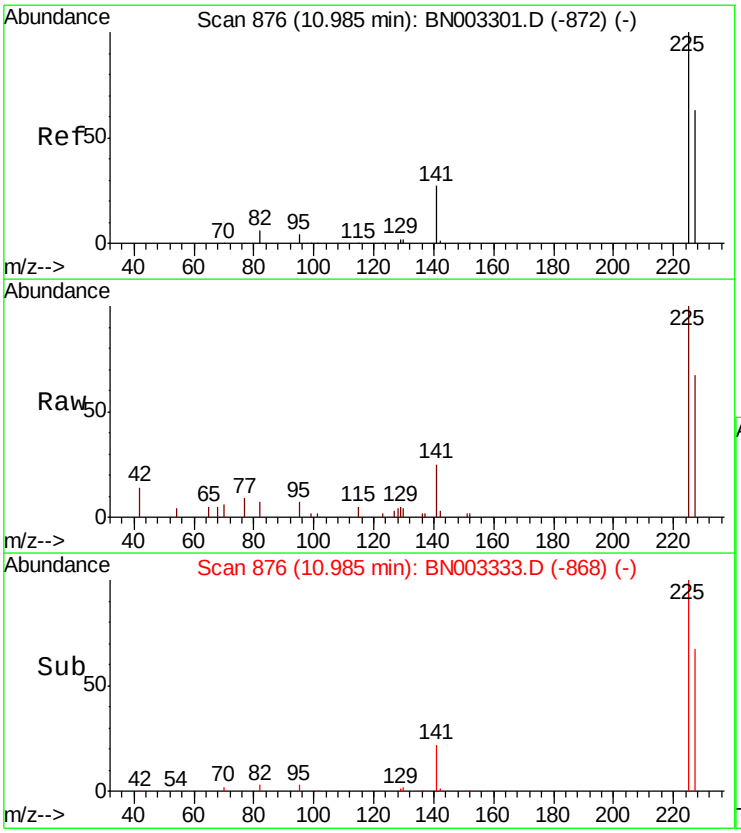
#9
Naphthalene
Concen: 0.294 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:128 Resp: 49430

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.2	15.4

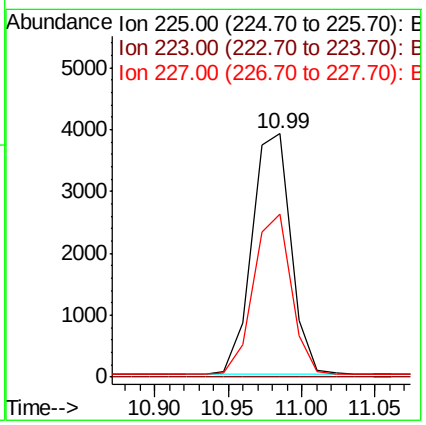


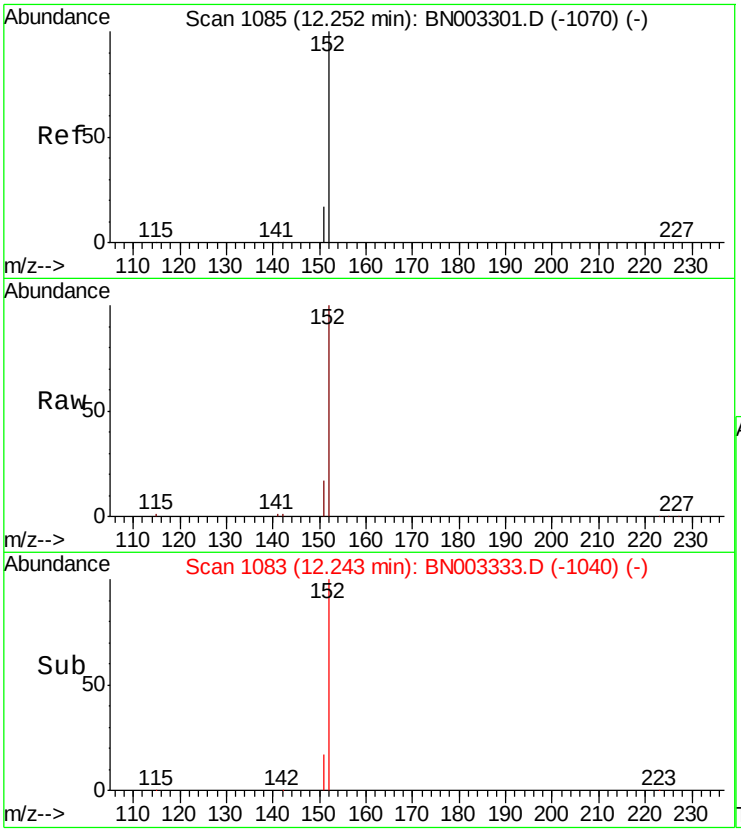


#10
Hexachlorobutadiene
Concen: 0.233 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:225 Resp: 7138

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.3	76.9



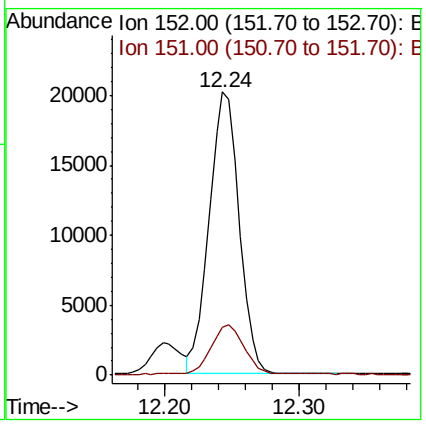


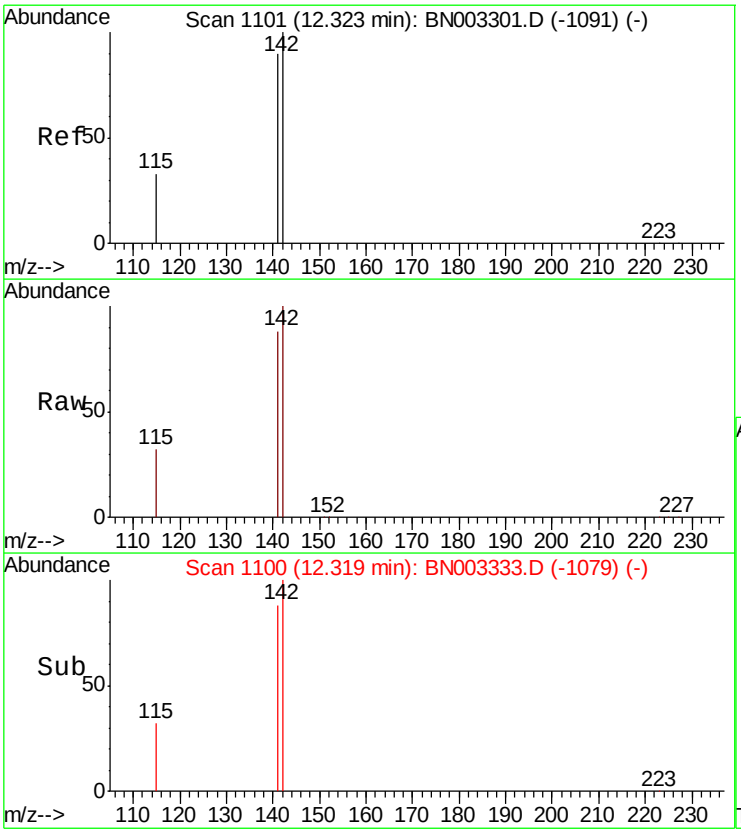
#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:152 Resp: 31250

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

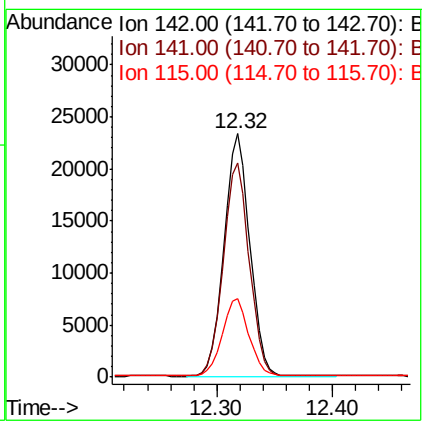


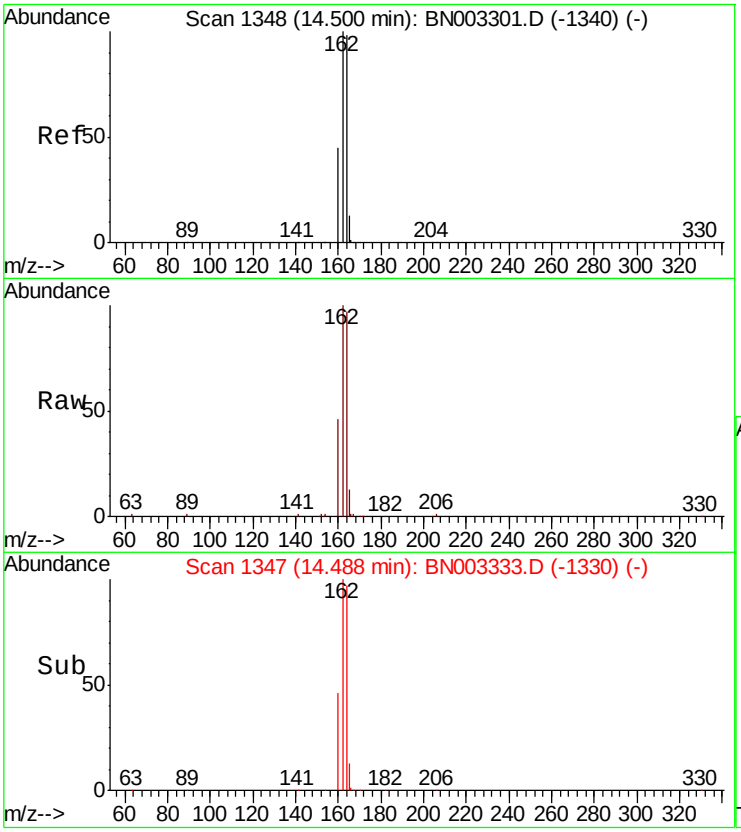


#12
2-Methylnaphthalene
Concen: 0.302 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:142 Resp: 35419

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.9	107.9
115	32.3	27.0	40.6



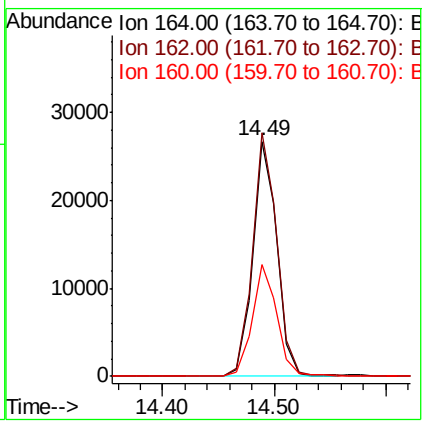


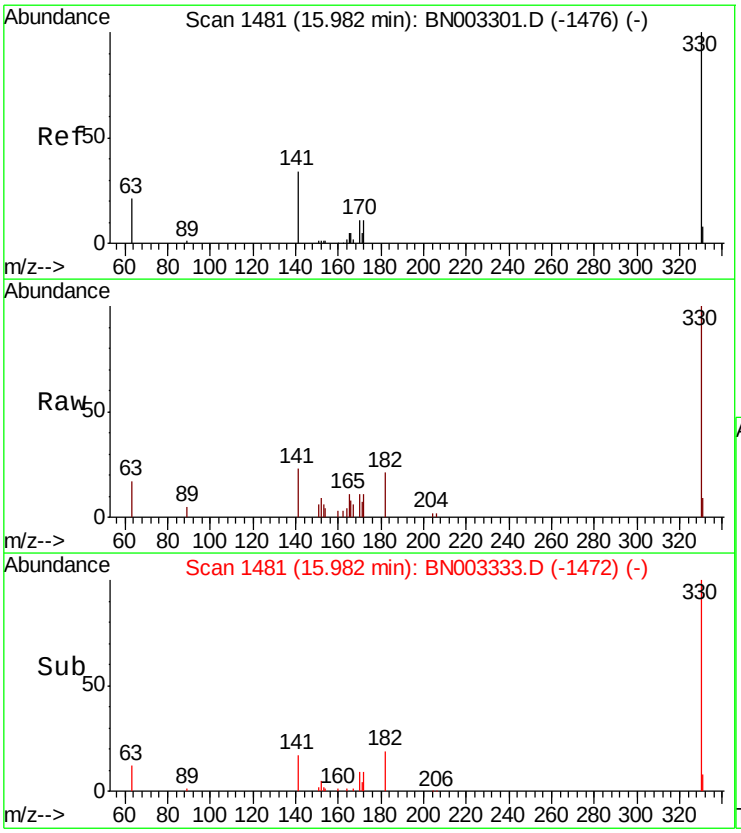
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:164 Resp: 39773

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	47.4	37.2	55.8

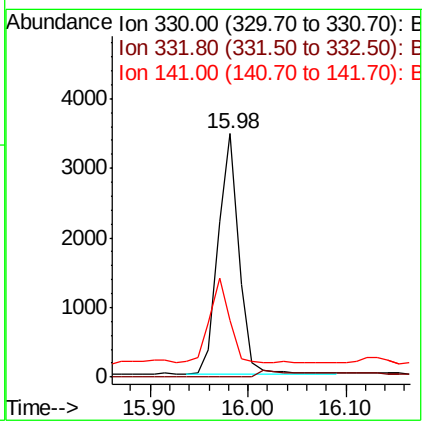


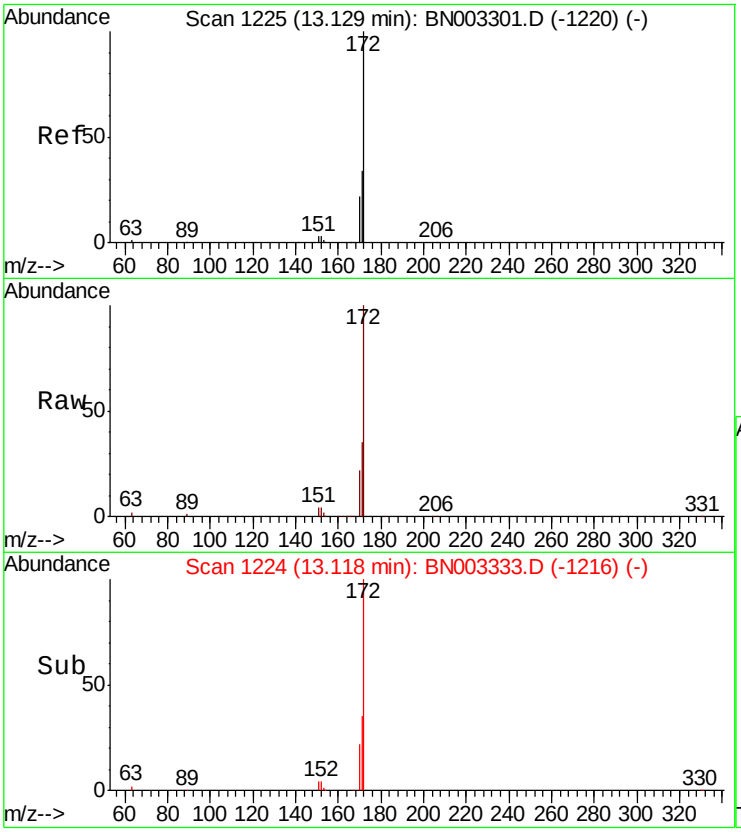


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:330 Resp: 4989

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	28.3	42.5



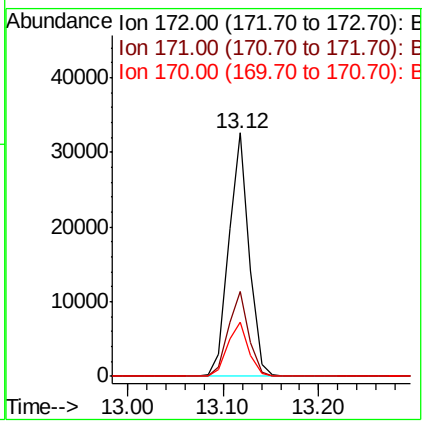


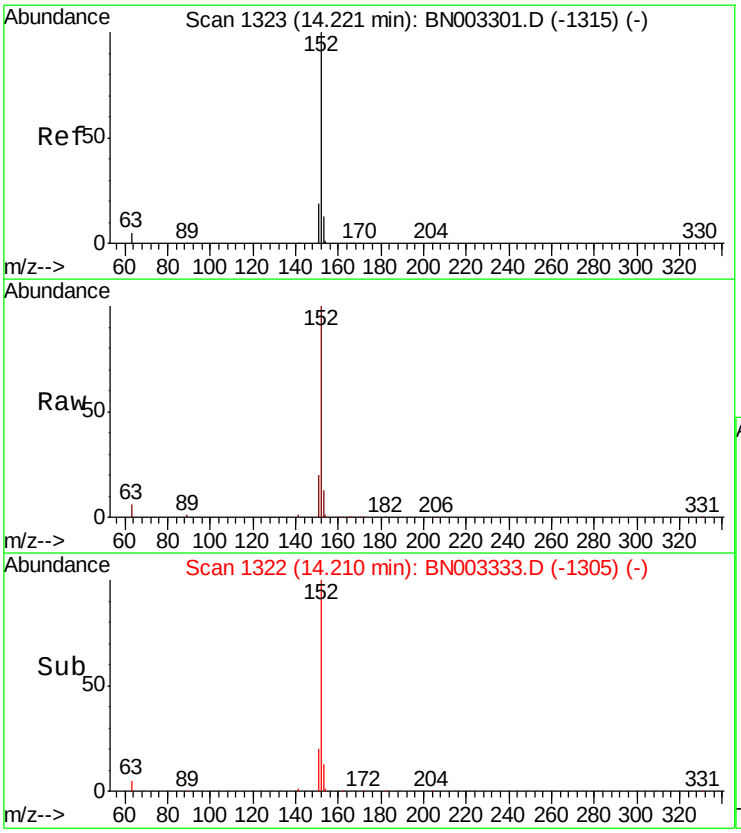
#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:172 Resp: 47635

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.1	40.7
170	22.5	17.4	26.0

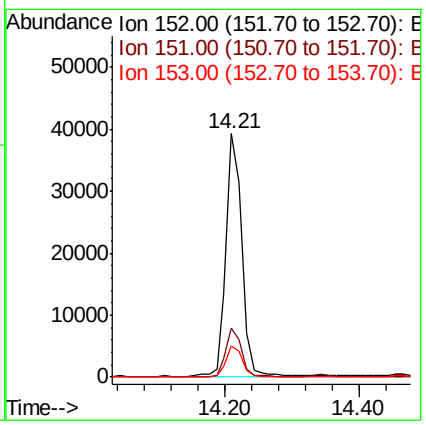


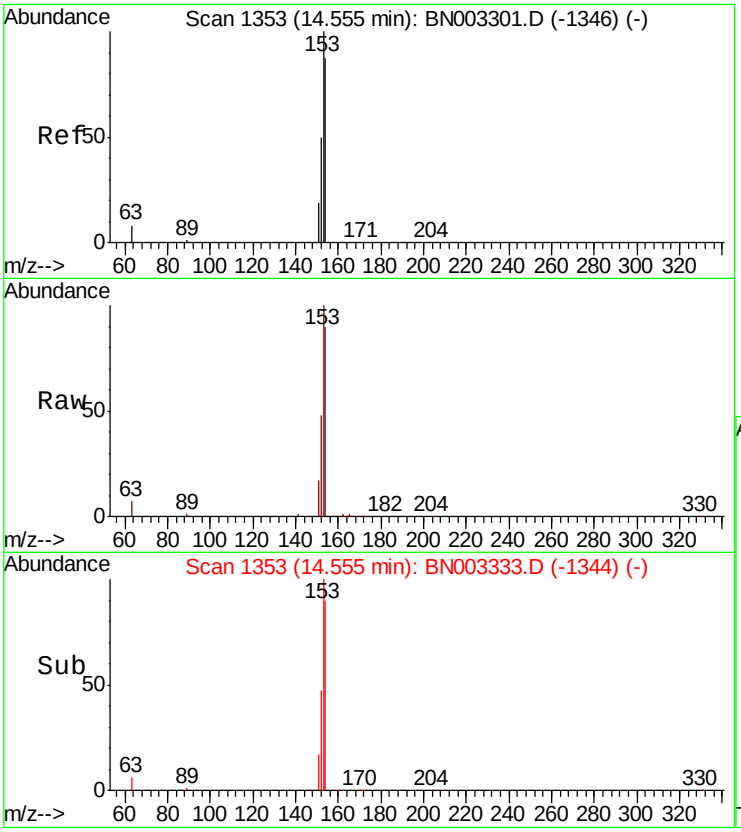


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:152 Resp: 63992

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.6	15.8



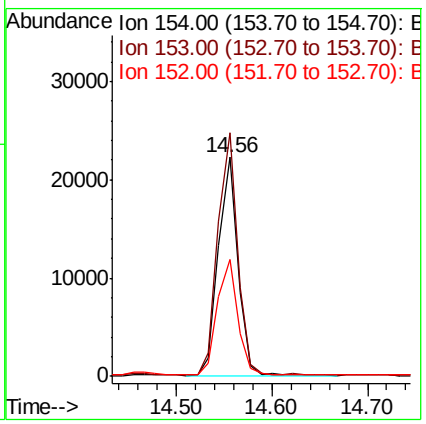


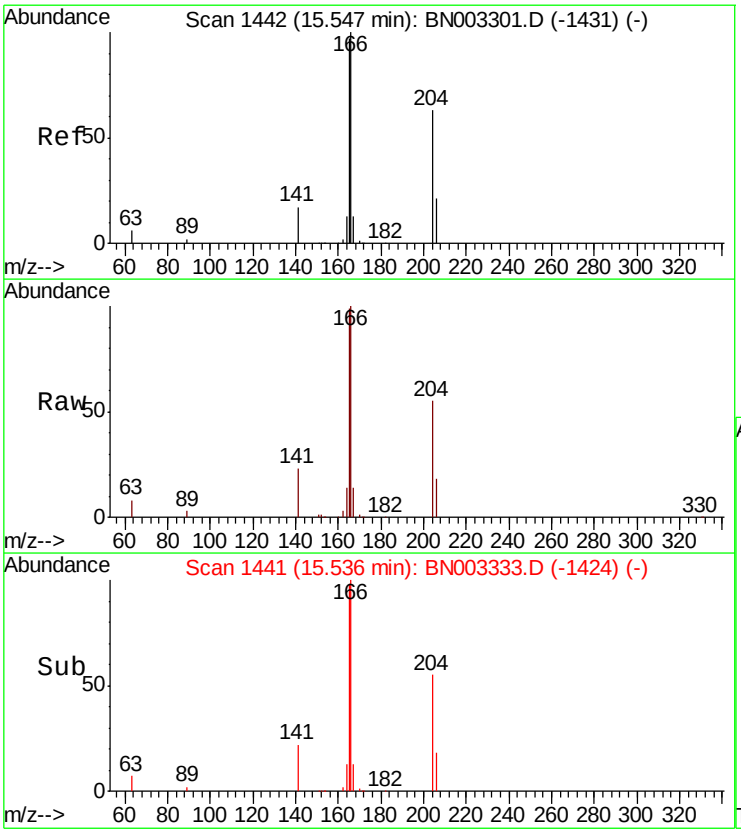
#17
Acenaphthene
Concen: 0.256 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:154 Resp: 31441

Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.9	133.3
152	55.4	43.5	65.3

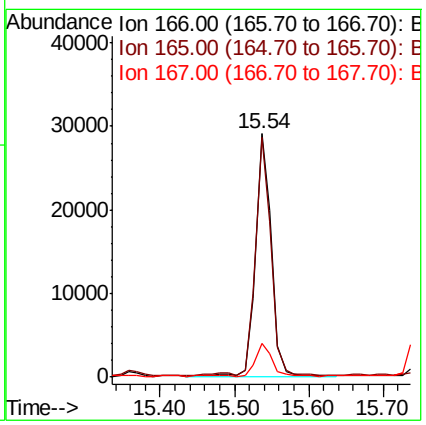


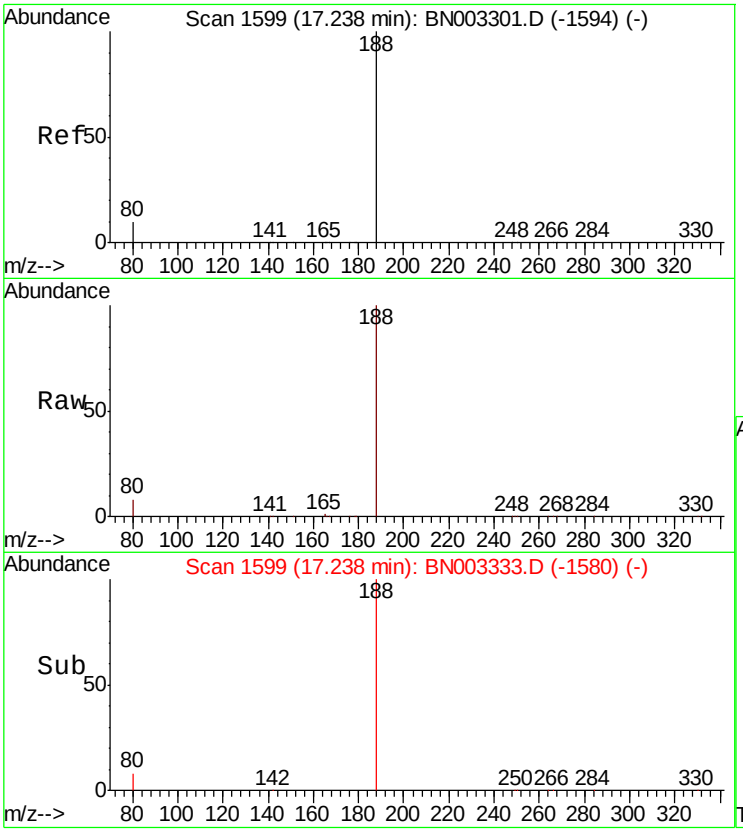


#18
Fluorene
Concen: 0.279 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:166 Resp: 42901

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.8
167	13.8	10.9	16.3



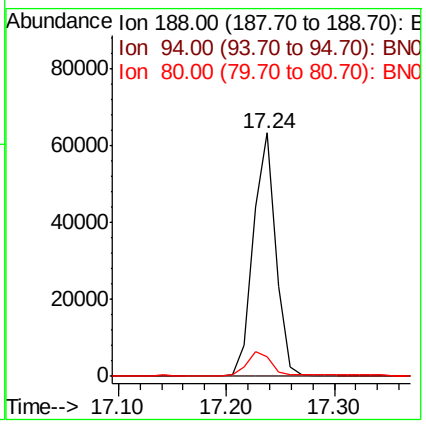


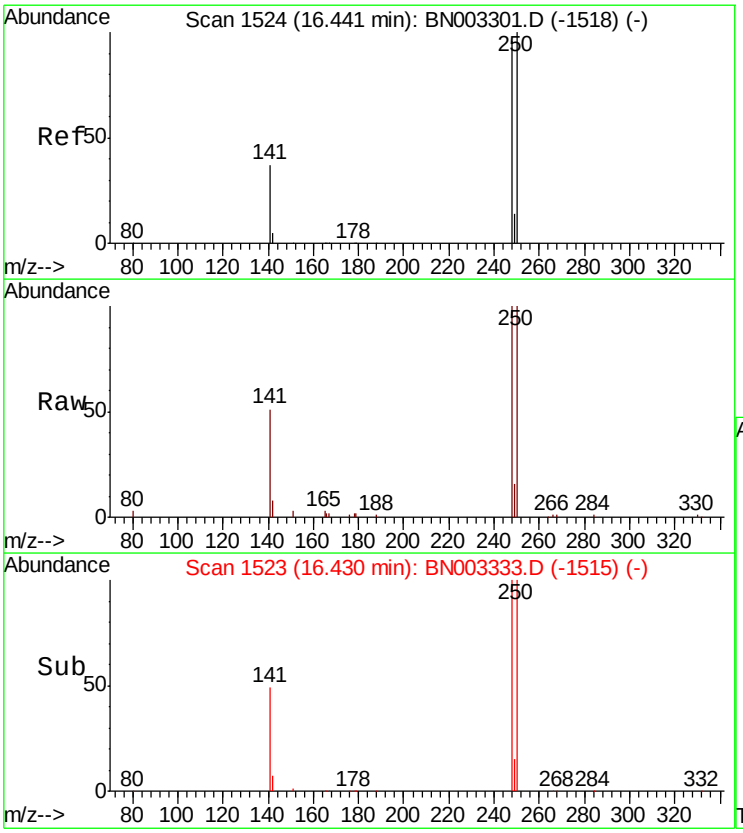
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:188 Resp: 90510

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	8.6	12.8#

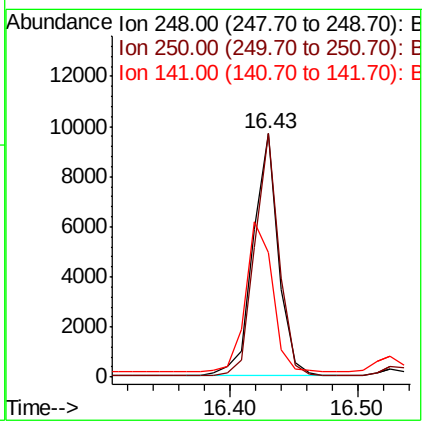


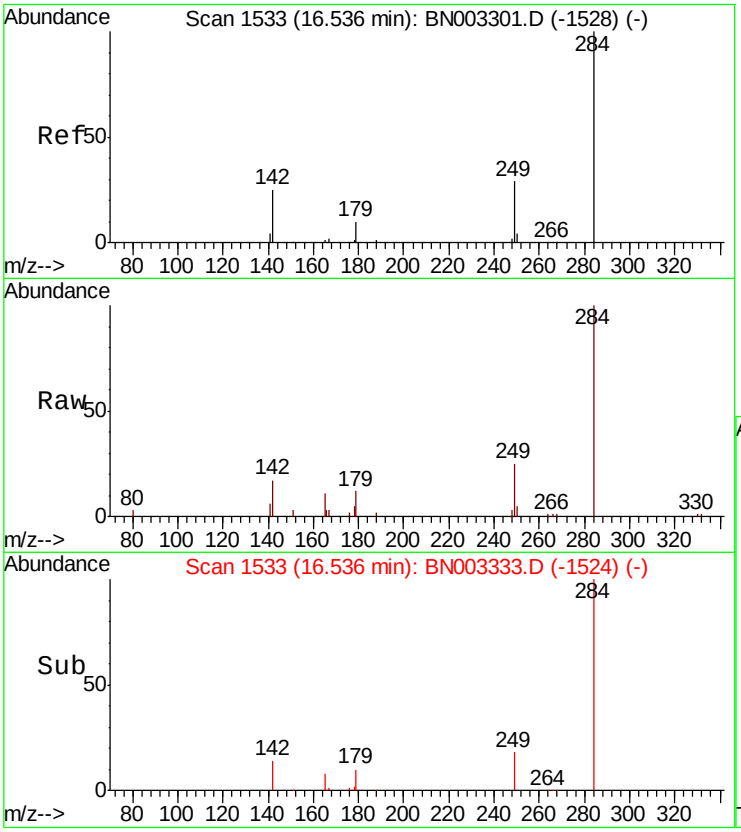


#20
4-Bromophenyl-phenylether
Concen: 0.257 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:248 Resp: 13461

Ion	Ratio	Lower	Upper
248	100		
250	100.0	83.7	125.5
141	51.0	31.4	47.0#



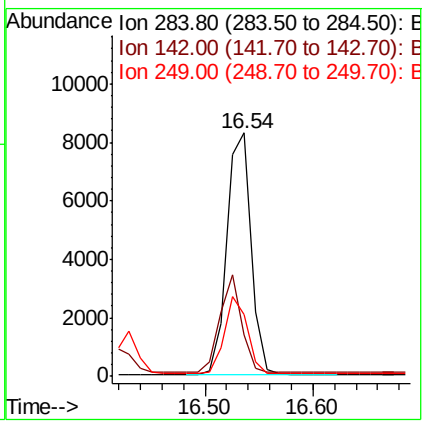


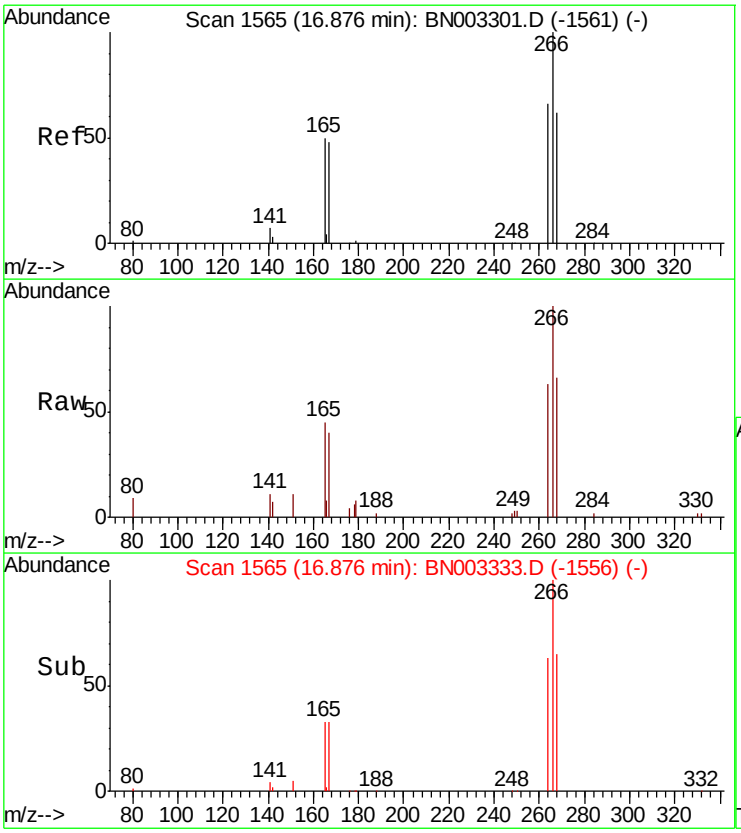
#21
Hexachlorobenzene
Concen: 0.231 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:284 Resp: 12770

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.7	44.5
249	30.1	24.0	36.0

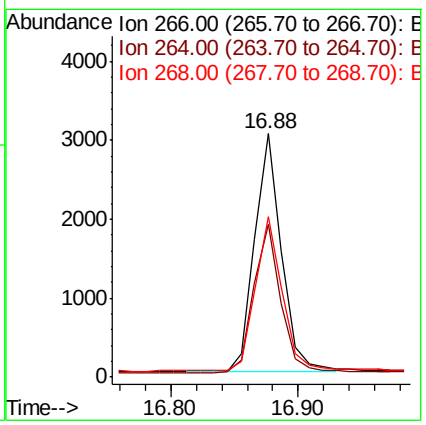


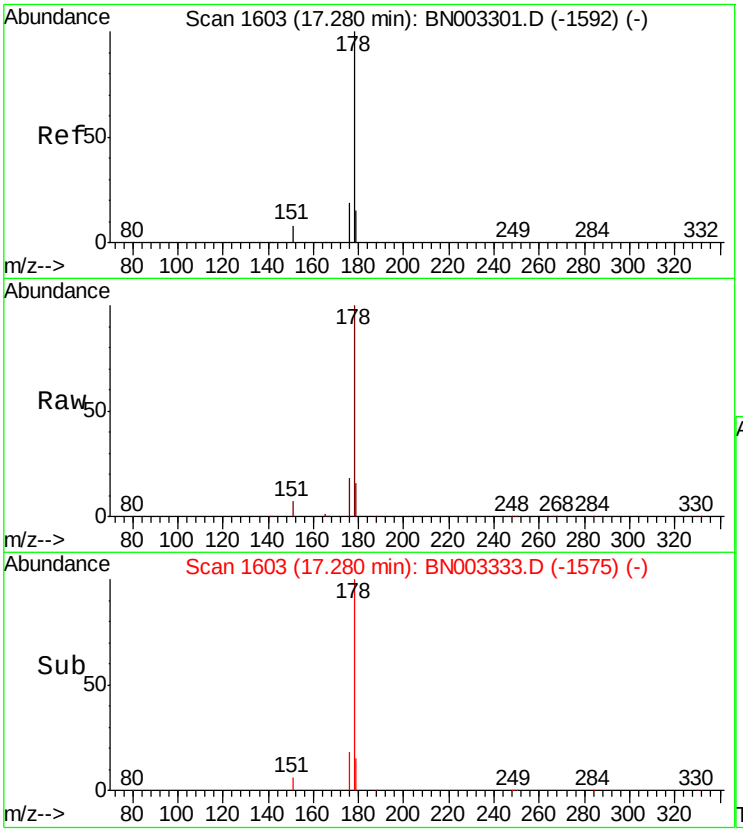


#22
Pentachlorophenol
Concen: 0.297 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:266 Resp: 4450

Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.1	78.1
268	65.7	51.8	77.6



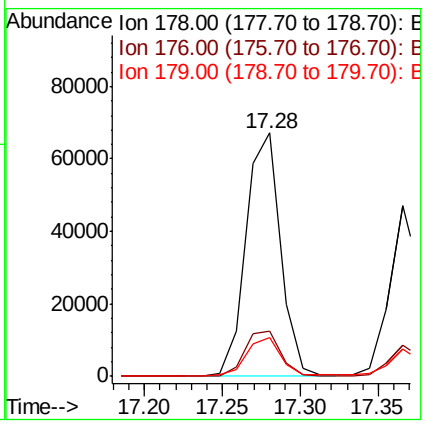


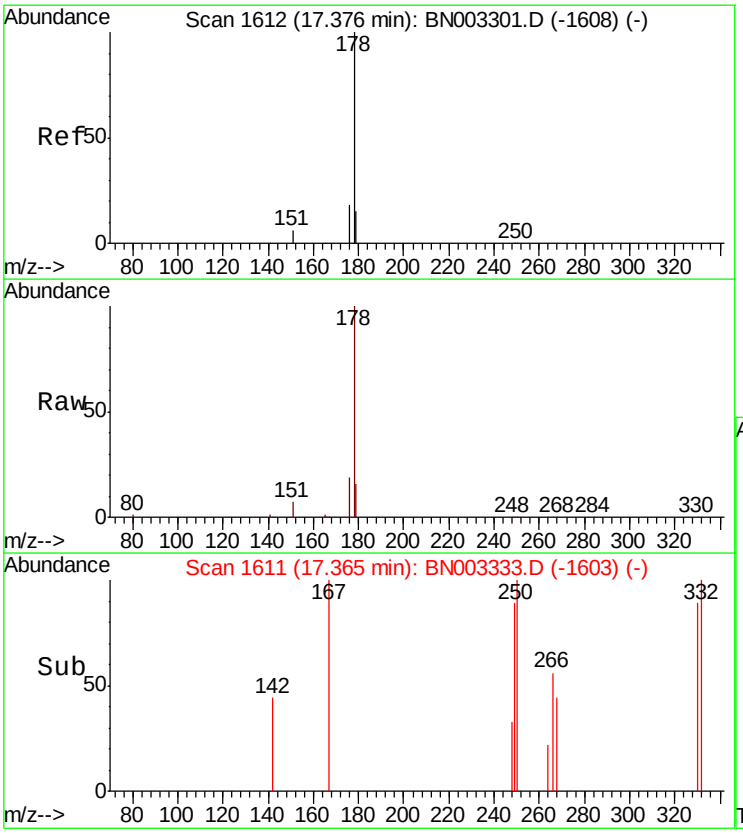
#23
Phenanthrene
Concen: 0.413 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:178 Resp: 102465

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.4	18.6

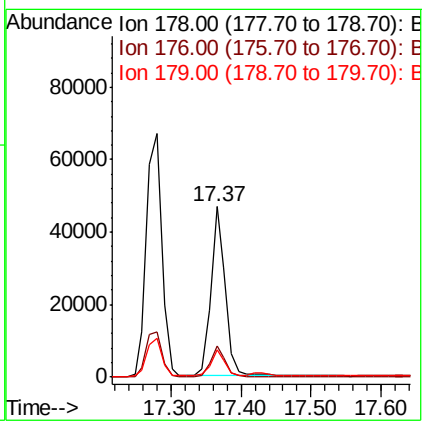


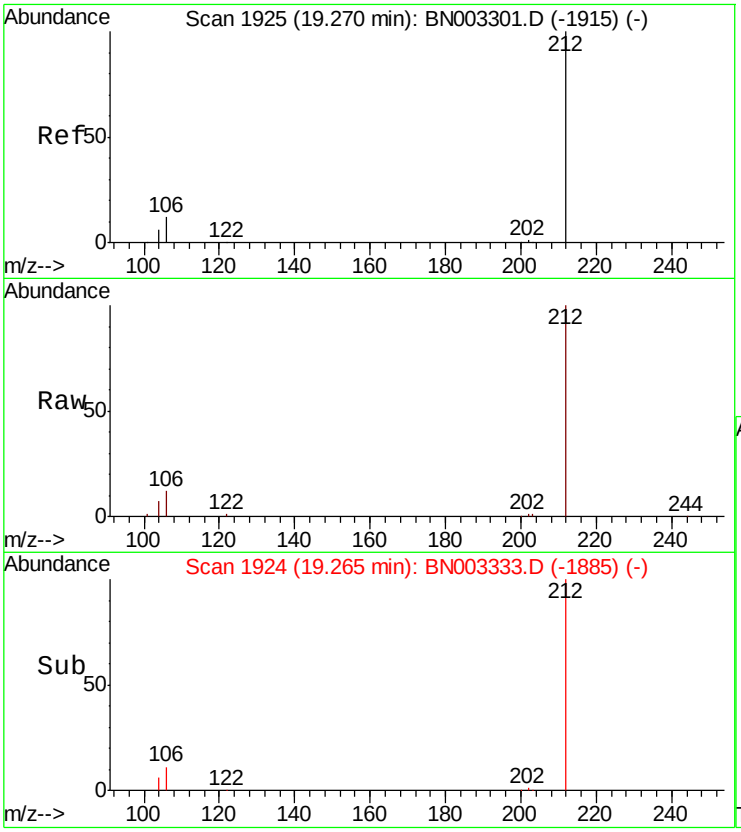


#24
Anthracene
Concen: 0.318 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:178 Resp: 67758

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.0	12.2	18.4



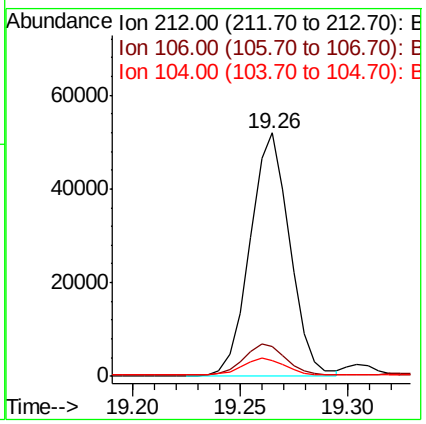


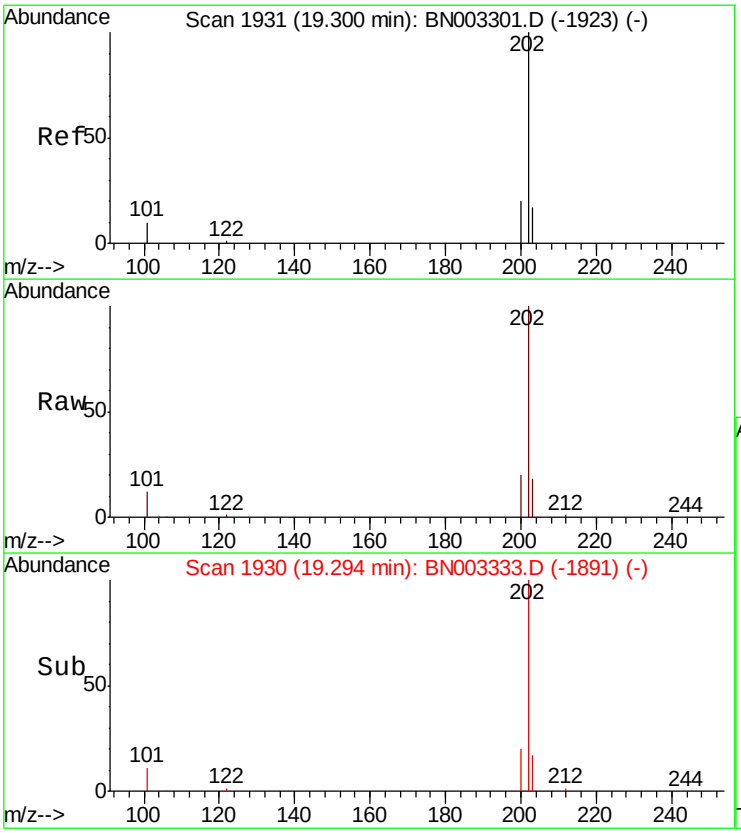
#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:212 Resp: 66258

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.3	15.5
104	7.6	5.6	8.4

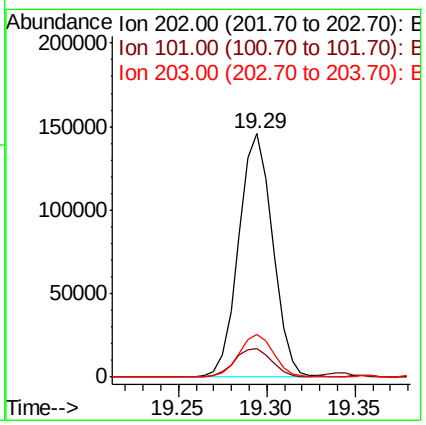


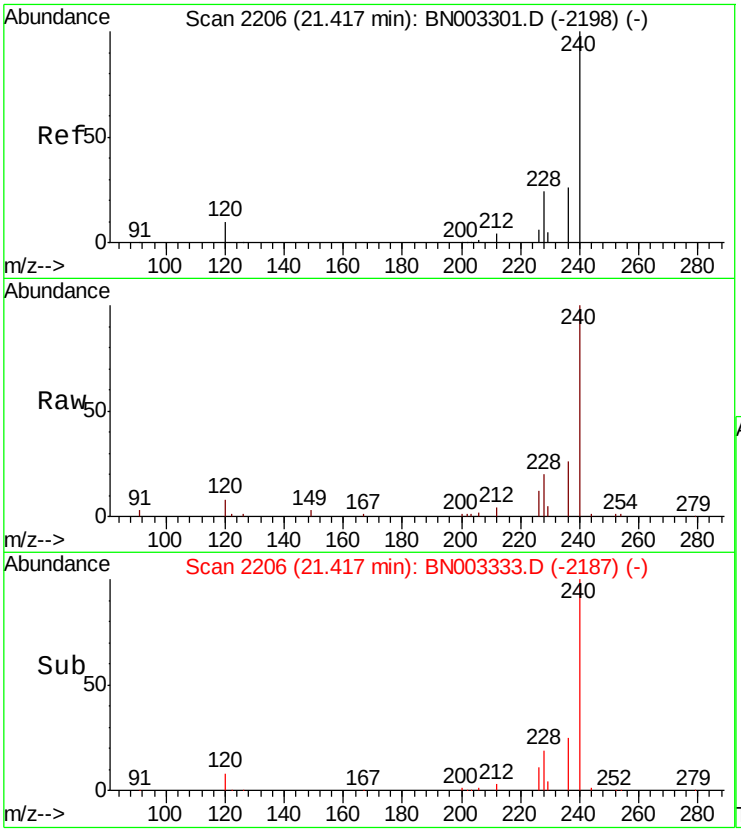


#26
Fluoranthene
Concen: 0.676 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:202 Resp: 192665

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.0	13.4
203	17.4	13.8	20.6



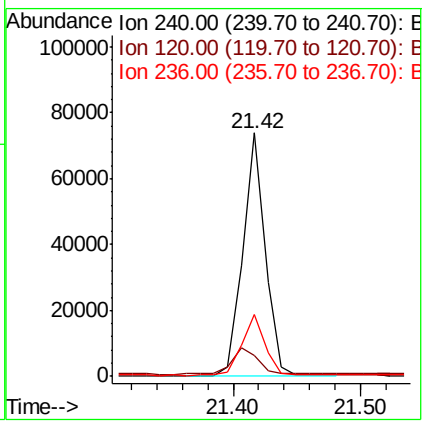


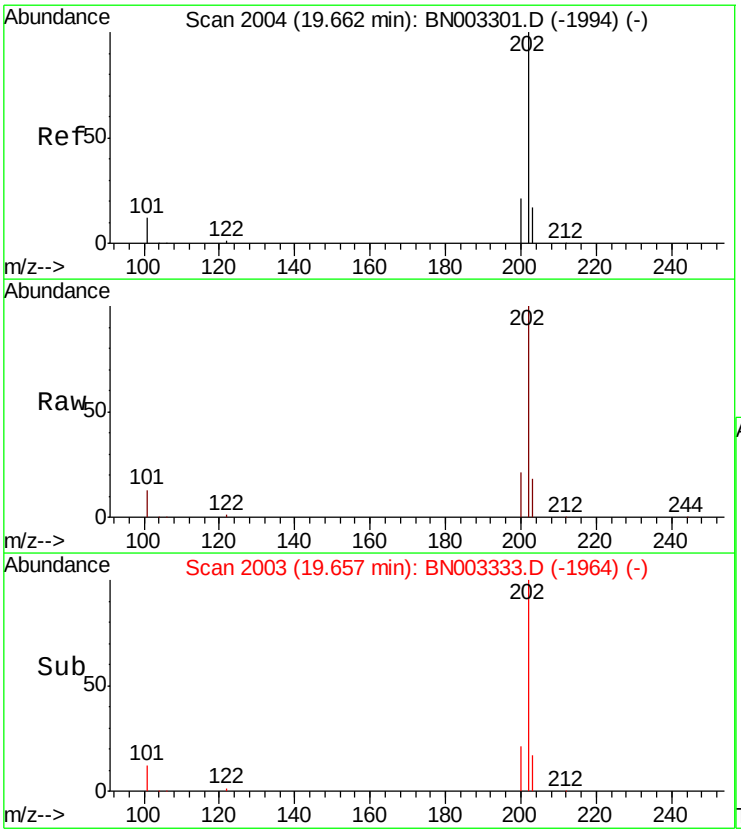
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:240 Resp: 90316

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.3	13.9#
236	25.7	21.0	31.4

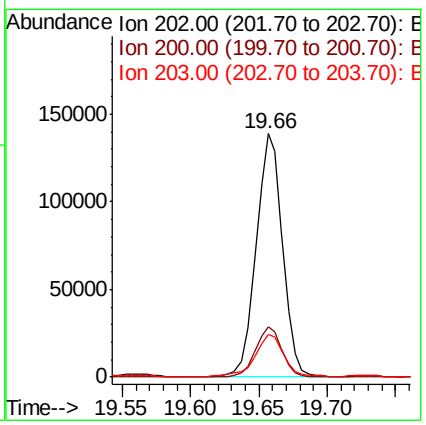


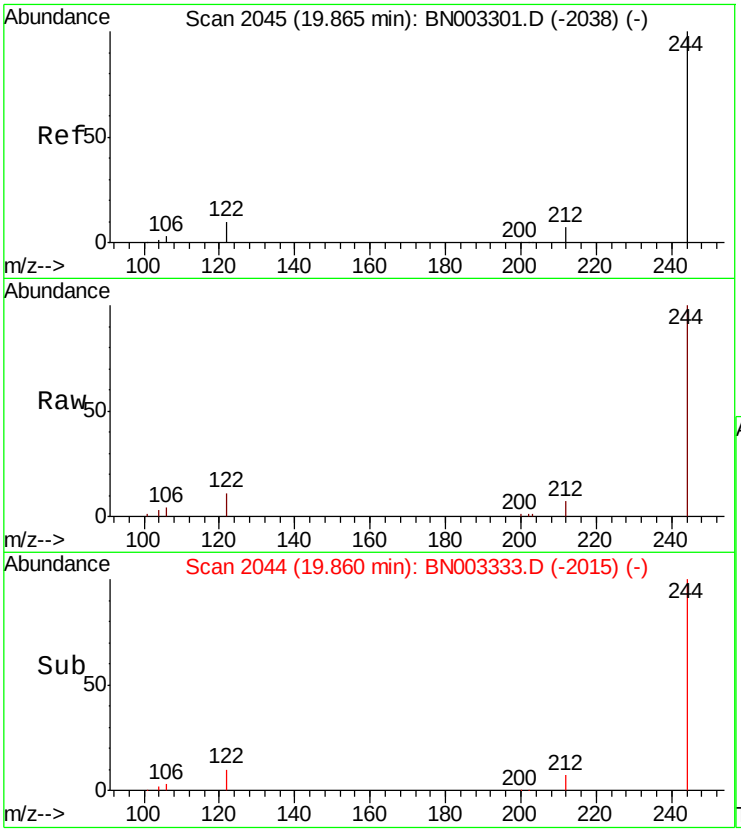


#28
Pyrene
Concen: 0.743 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:202 Resp: 185515

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.6	13.9	20.9



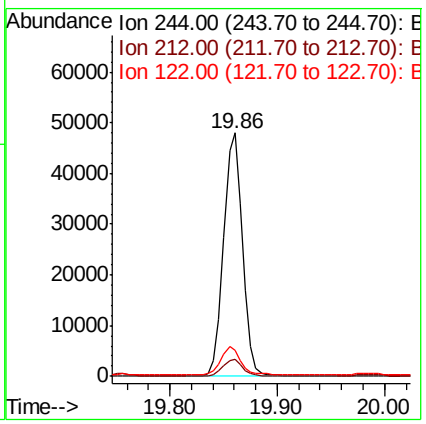


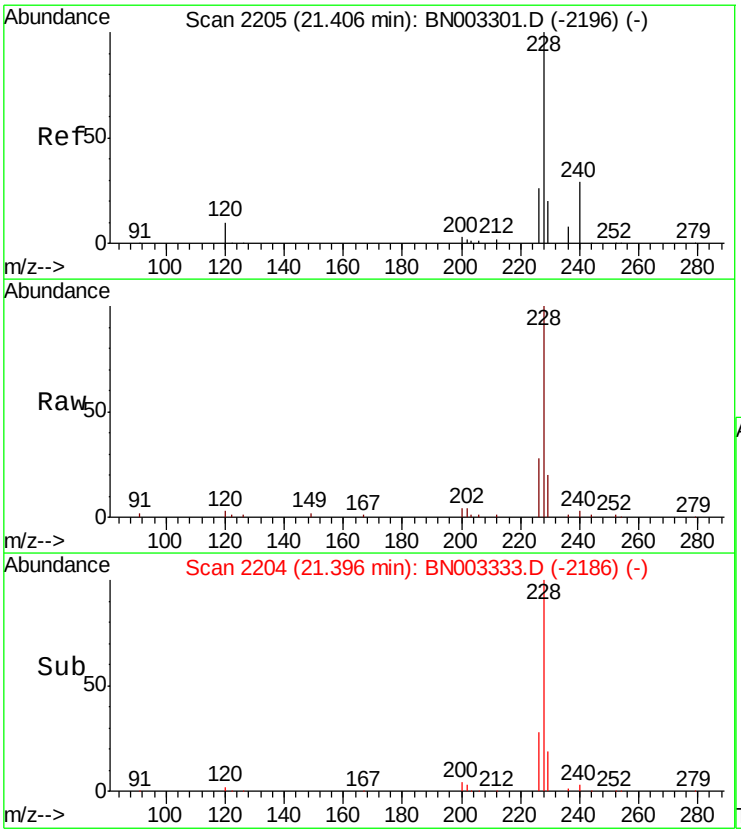
#29
Terphenyl-d14
Concen: 0.274 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:244 Resp: 57663

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.7	8.5	12.7

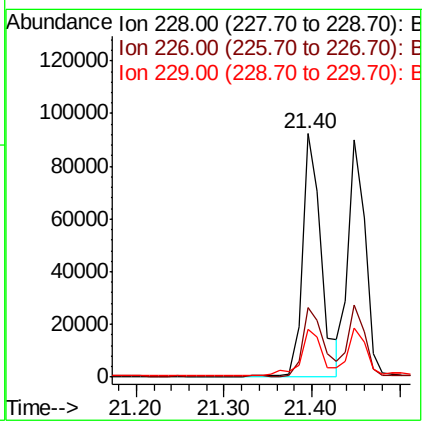


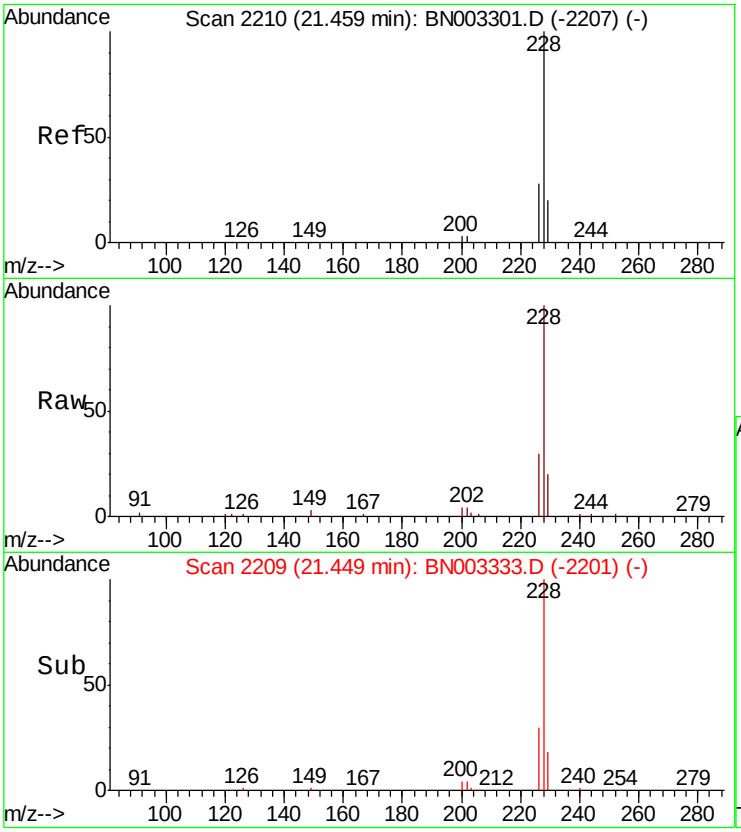


#30
Benzo(a)anthracene
Concen: 0.571 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:228 Resp: 135174

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.8	31.2
229	19.9	16.1	24.1



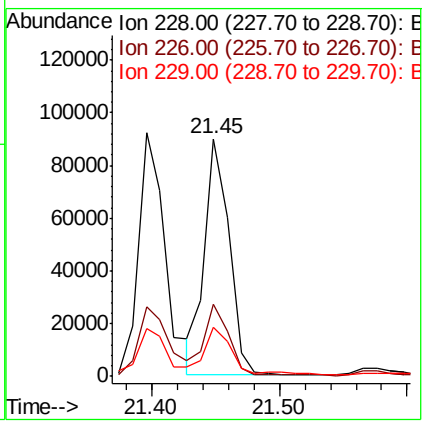


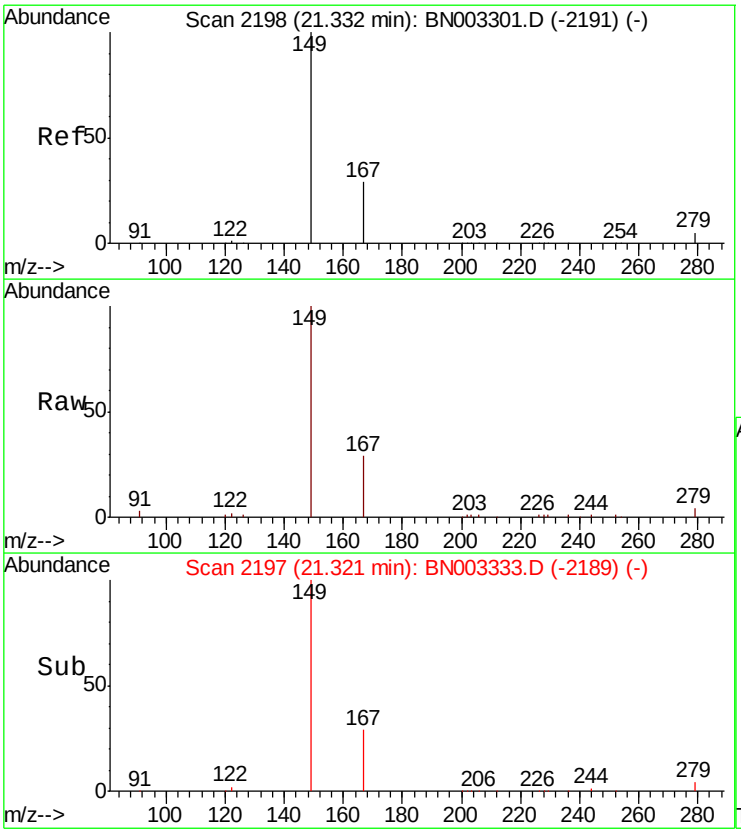
#31
Chrysene
Concen: 0.471 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:228 Resp: 120274

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	20.4	16.0	24.0

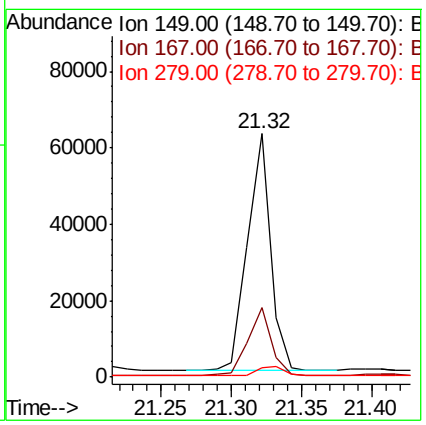


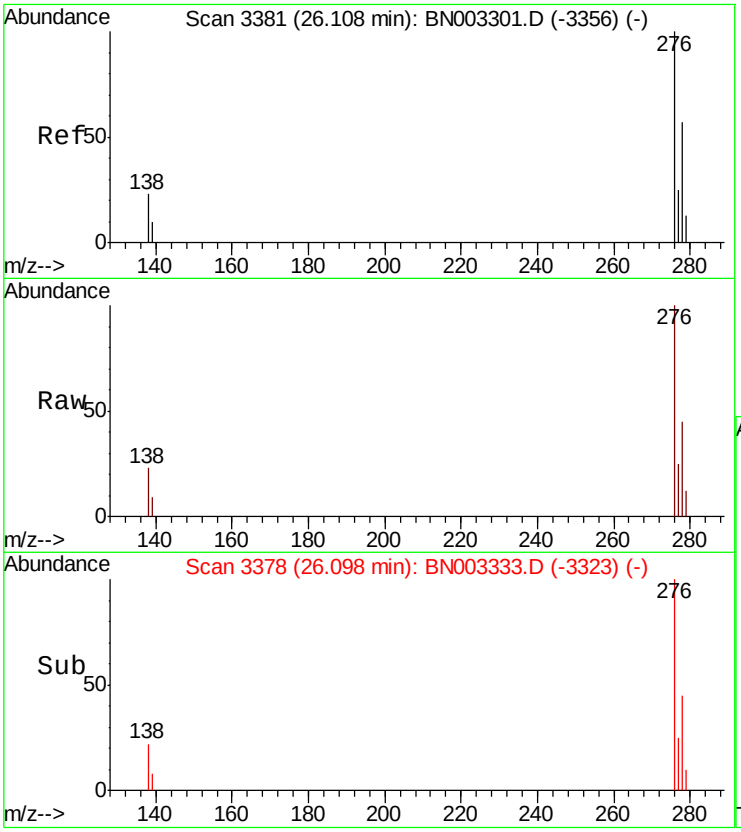


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.017 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:149 Resp: 71250

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	5.0	3.9	5.9



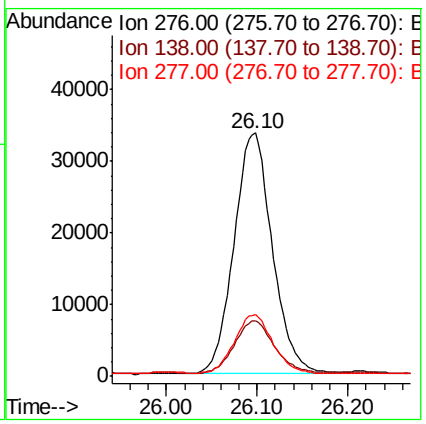


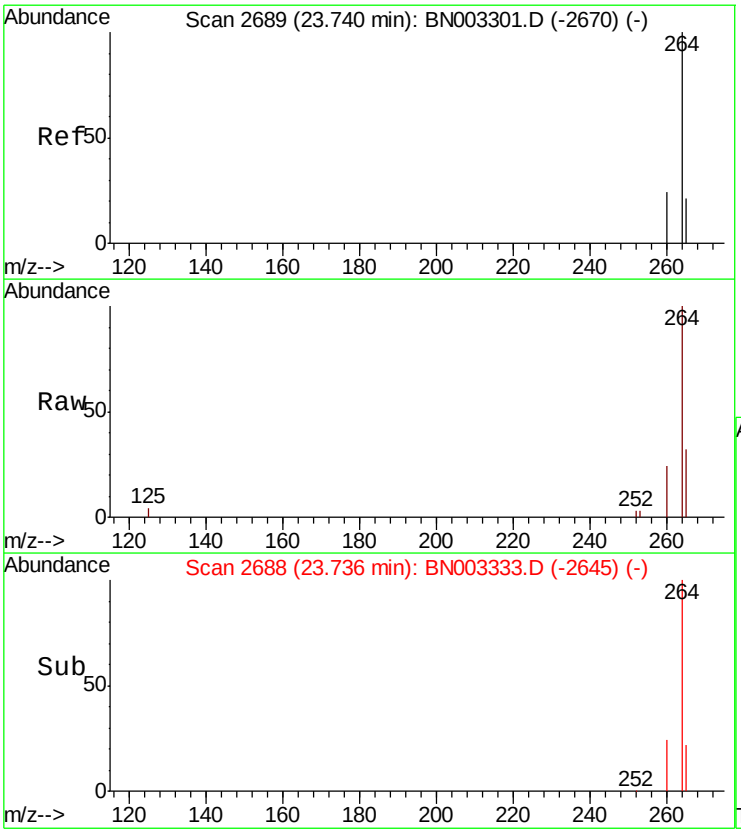
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.10 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:276 Resp: 98569

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.6	30.8
277	24.5	20.0	30.0

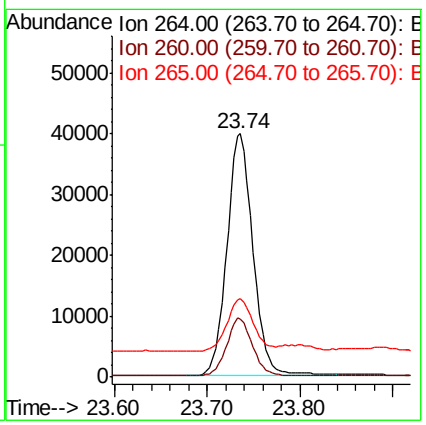


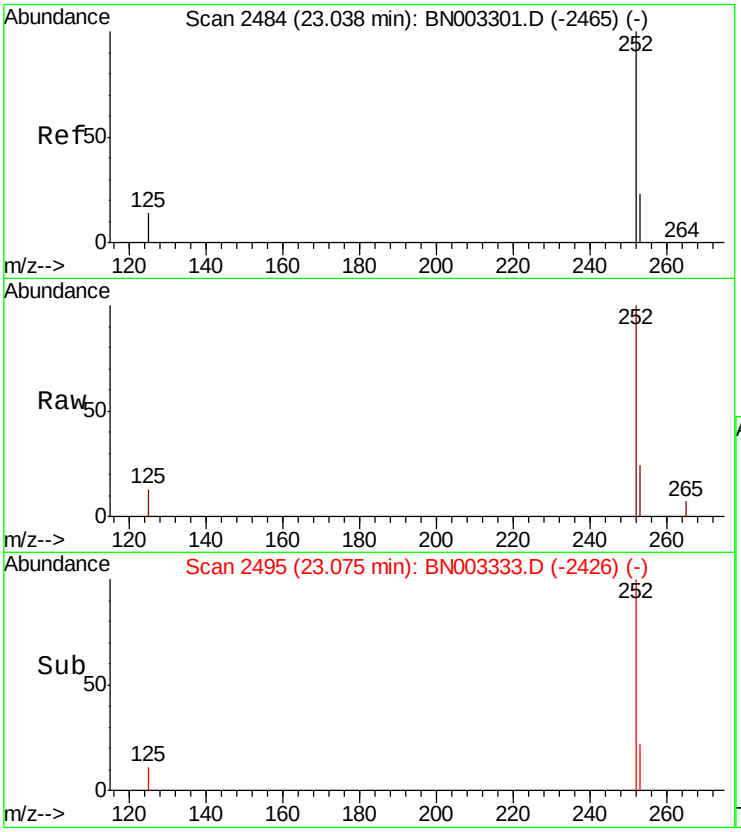


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:264 Resp: 77826

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	32.1	26.4	39.6



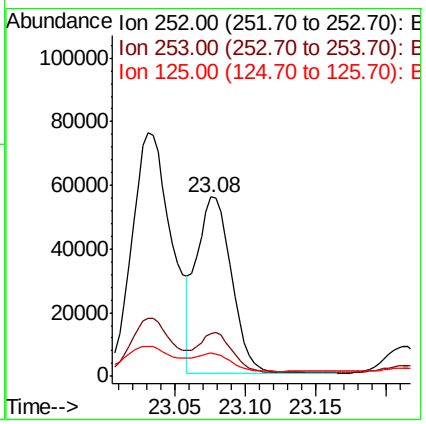


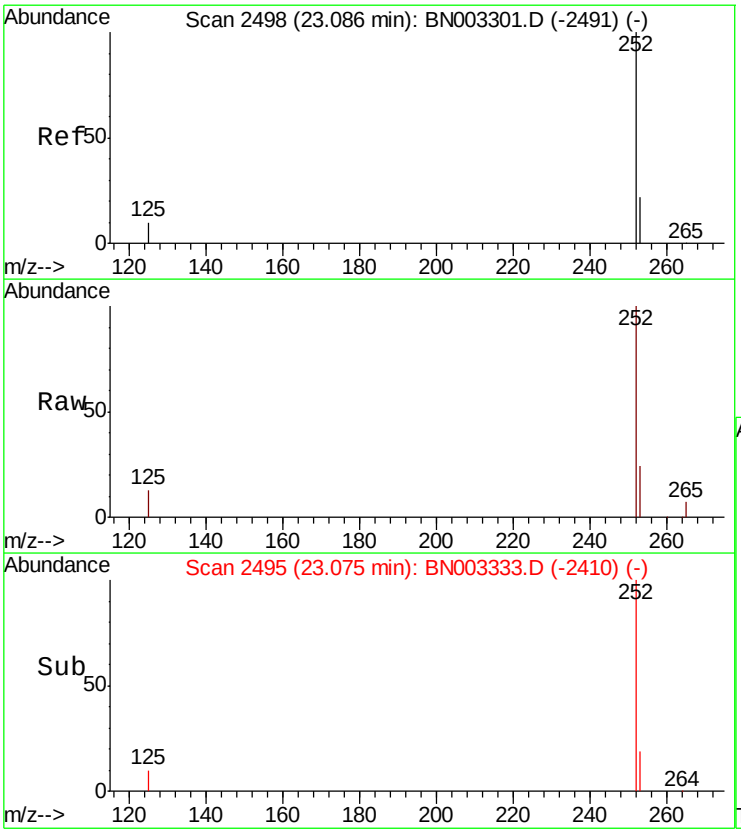
#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.08 min Scan# 2495
Delta R.T. 0.04 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:252 Resp: 95240

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	13.1	12.7	19.1

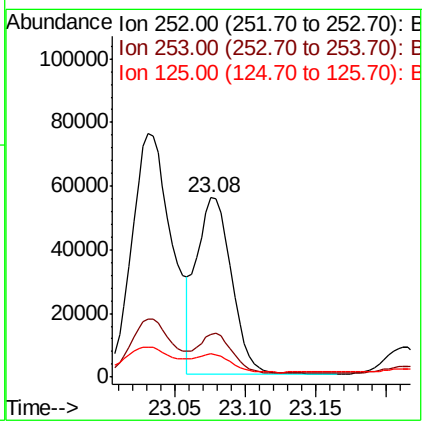


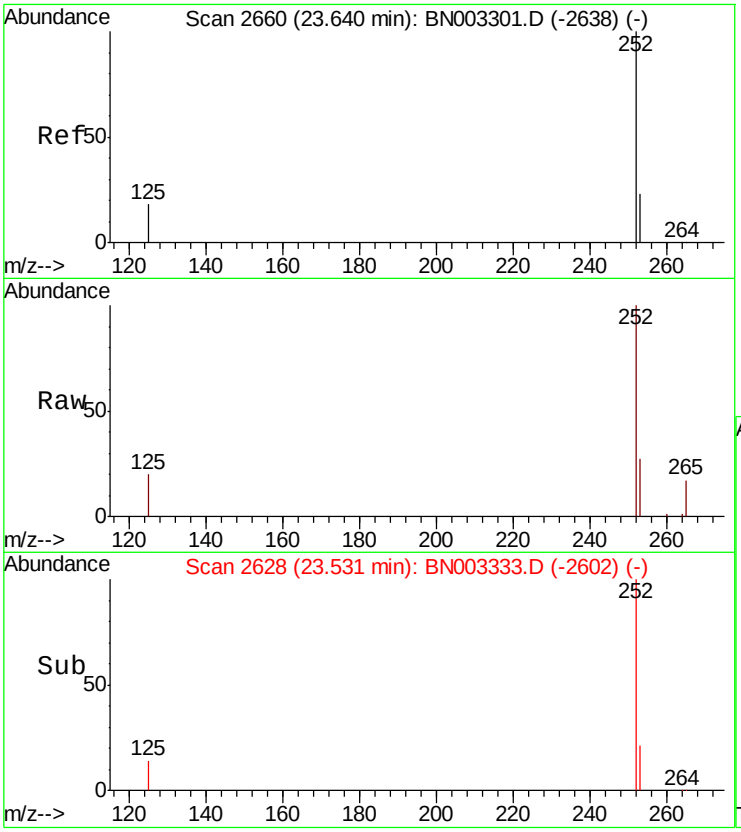


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:252 Resp: 96593

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	13.1	9.1	13.7



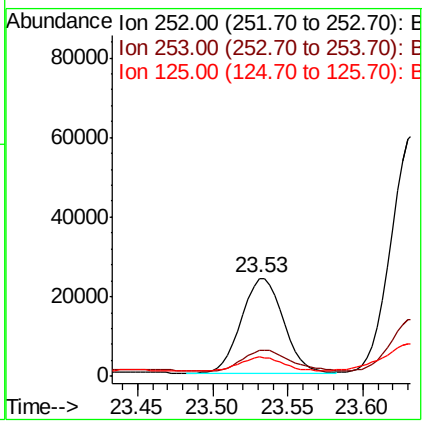


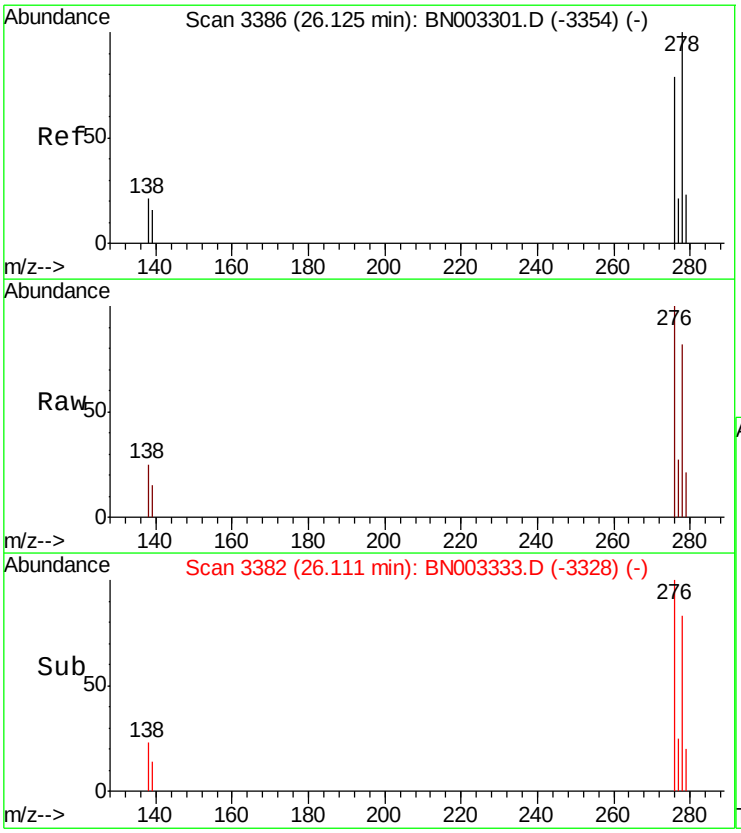
#37
Benzo(a)pyrene
Concen: 0.207 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.11 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:252 Resp: 45664

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.1	30.1
125	19.5	16.0	24.0

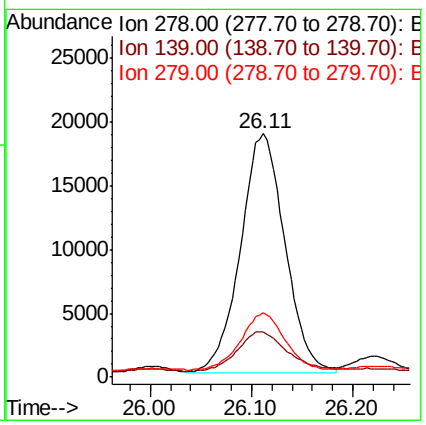


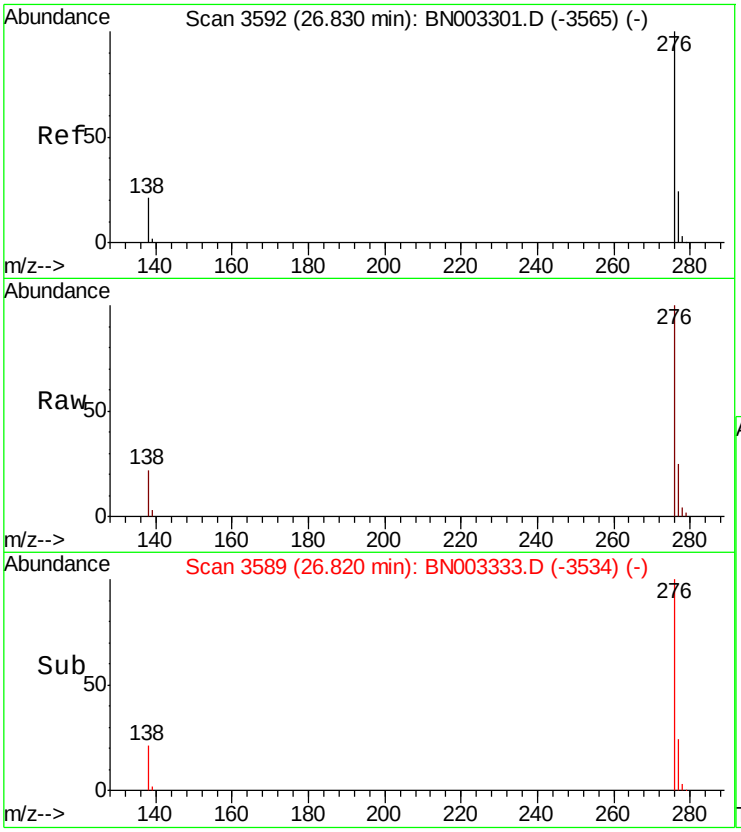


#38
Dibenzo(a,h)anthracene
Concen: 0.278 ng
RT: 26.11 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Tgt Ion:278 Resp: 57153

Ion	Ratio	Lower	Upper
278	100		
139	18.8	13.5	20.3
279	26.2	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.82 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BN003333.D
Acq: 29 Oct 2018 12:57

Instrument :
BNA_N
ClientSampleId :
AOC6-01AMSD

Tgt Ion:276 Resp: 89749

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	22.1	17.4	26.2