Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003177.D
Acq On : 17 Oct 2018 12:01
Operator : MJ/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 17 12:41:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 11:36:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1323	0.40	ng		-0.02
7) Naphthalene-d8	10.40	136	5671	0.40	ng		-0.03
13) Acenaphthene-d10	14.25	164	3732	0.40	ng		-0.02
19) Phenanthrene-d10	17.03	188	9327	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	11452	0.40	ng		-0.02
34) Perylene-d12	23.46	264	12154	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	4939	1.53	ng		-0.03
5) Phenol-d6	6.85	99	5384	1.31	ng		-0.09
8) Nitrobenzene-d5	8.81	82	6350	1.82	ng		-0.06
11) 2-Methylnaphthalene-d10	12.00	152	15013	1.80	ng		-0.04
14) 2,4,6-Tribromophenol	15.79	330	3703	1.93	ng		-0.03
15) 2-Fluorobiphenyl	12.88	172	22313	1.65	ng		-0.04
25) Fluoranthene-d10	19.06	212	44809	1.86	ng		-0.01
29) Terphenyl-d14	19.66	244	37760	1.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	2641	1.794	ng		97
3) n-Nitrosodimethylamine	3.57	42	1498	2.018	ng	#	94
6) bis(2-Chloroethyl)ether	7.06	93	5910	1.613	ng		89
9) Naphthalene	10.44	128	21856	1.692	ng		98
10) Hexachlorobutadiene	10.71	225	4127	1.616	ng	#	99
12) 2-Methylnaphthalene	12.07	142	15659	1.770	ng		99
16) Acenaphthylene	13.98	152	27792	1.800	ng		100
17) Acenaphthene	14.32	154	18020	1.740	ng		98
18) Fluorene	15.31	166	23242	1.794	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	8570	1.684	ng		94
21) Hexachlorobenzene	16.33	284	9134	1.669	ng		99
22) Pentachlorophenol	16.72	266	2042	1.779	ng		92
23) Phenanthrene	17.06	178	38924	1.687	ng		100
24) Anthracene	17.16	178	36888	1.813	ng		100
26) Fluoranthene	19.09	202	48846	1.867	ng		100
28) Pyrene	19.46	202	50582	1.506	ng		100
30) Benzo(a)anthracene	21.22	228	50076	1.869	ng		99
31) Chrysene	21.27	228	52355	1.566	ng		100
32) Bis(2-ethylhexyl)phthalate	21.13	149	29428	1.637	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	65391	2.305	ng		98
35) Benzo(b)fluoranthene	22.79	252	52903	1.558	ng		94
36) Benzo(k)fluoranthene	22.83	252	58691	1.580	ng		94
37) Benzo(a)pyrene	23.36	252	52916	1.678	ng		91
38) Dibenzo(a,h)anthracene	25.67	278	54915	1.915	ng		92
39) Benzo(g,h,i)perylene	26.35	276	54714	1.864	ng		96

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
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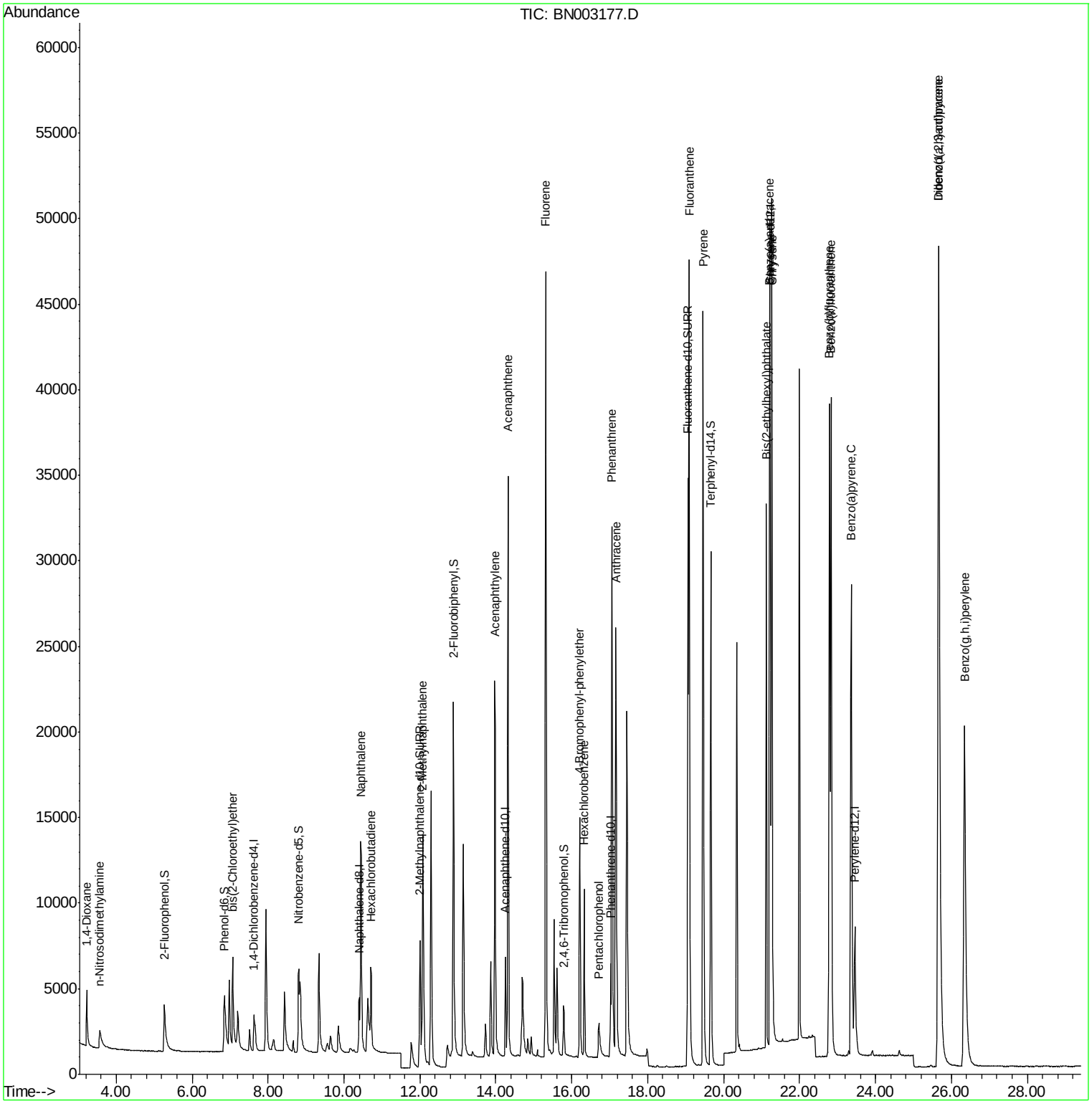
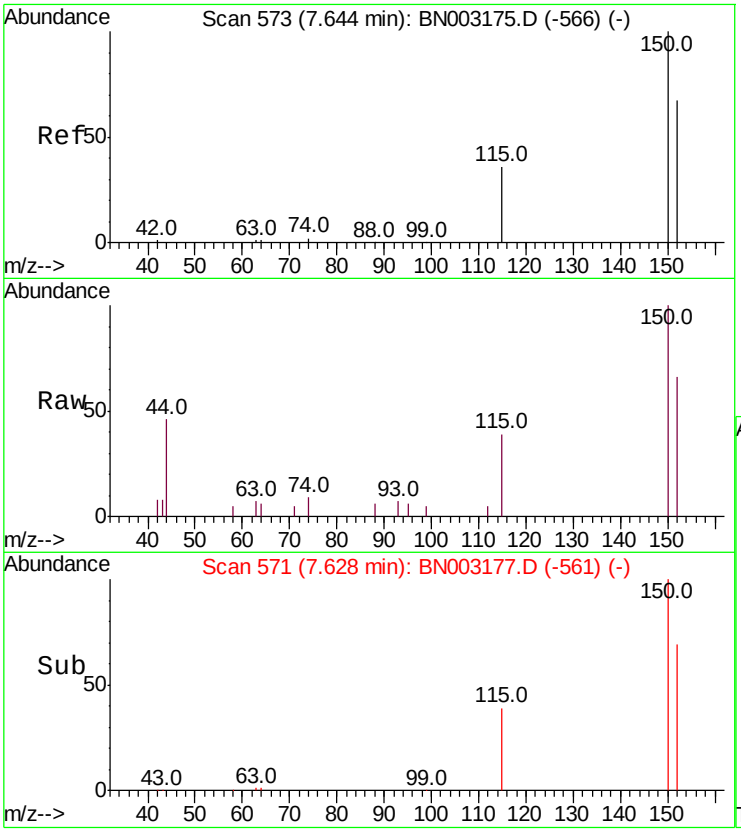


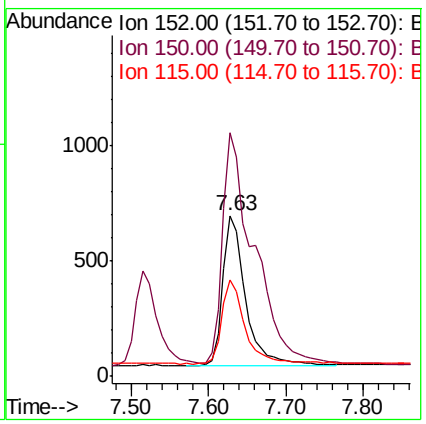


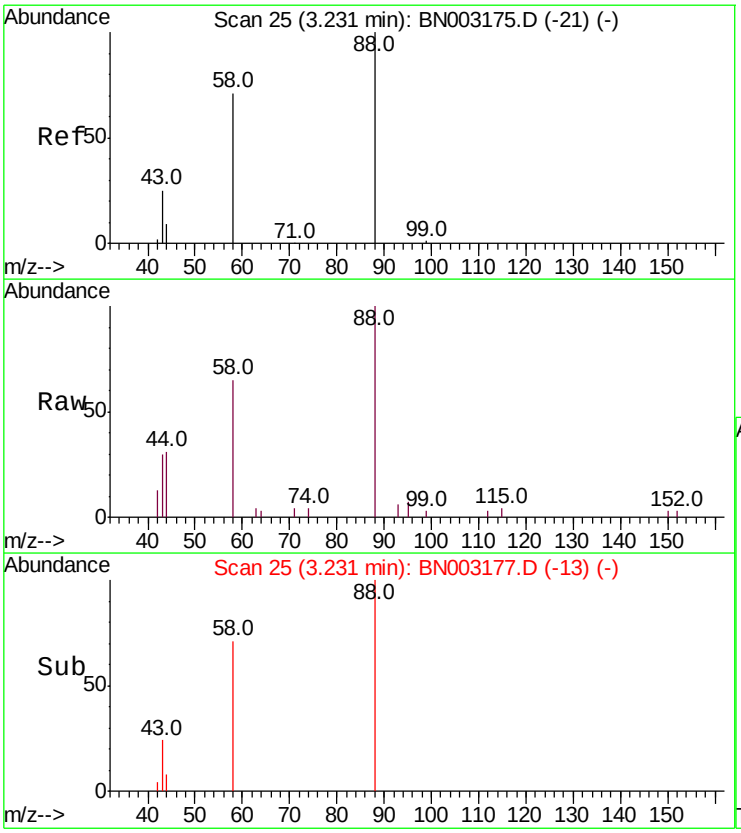
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1323

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.2	189.4
115	59.9	49.8	74.6

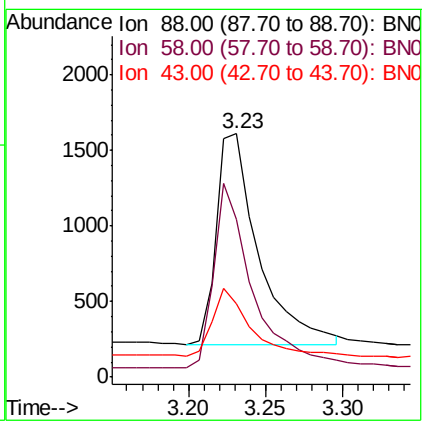


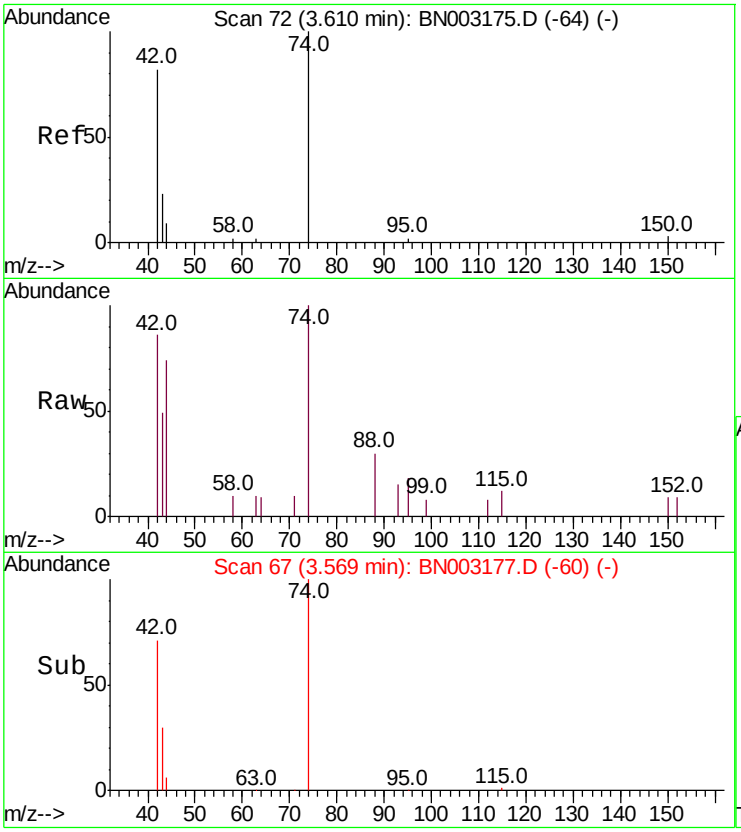


#2
1,4-Dioxane
Concen: 1.794 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion: 88 Resp: 2641

Ion	Ratio	Lower	Upper
88	100		
58	81.4	66.7	100.1
43	28.0	24.6	37.0



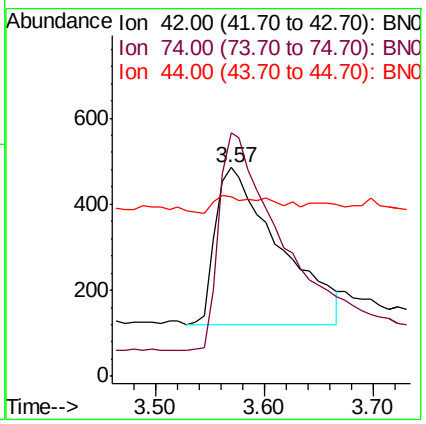


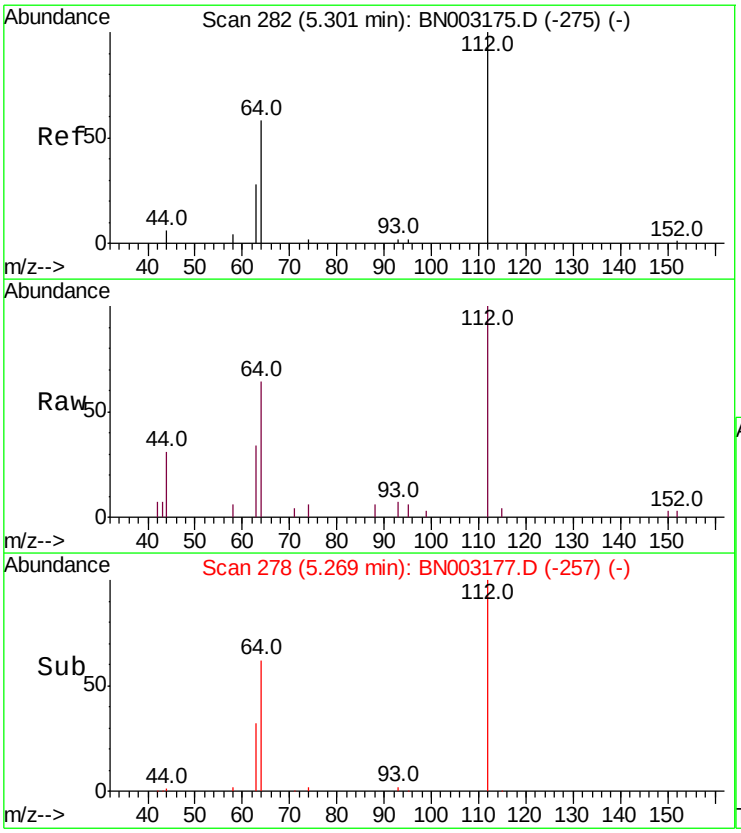
#3
n-Nitrosodimethylamine
Concen: 2.018 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1498

Ion	Ratio	Lower	Upper
42	100		
74	135.1	102.9	154.3
44	6.5	0.0	0.0#

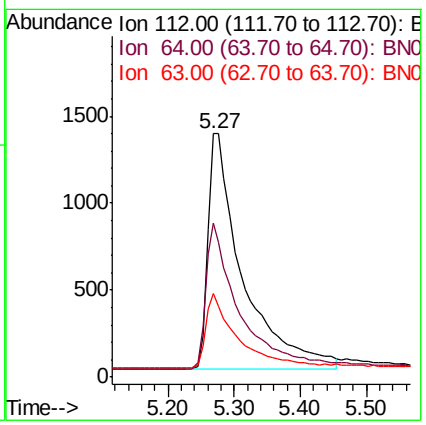


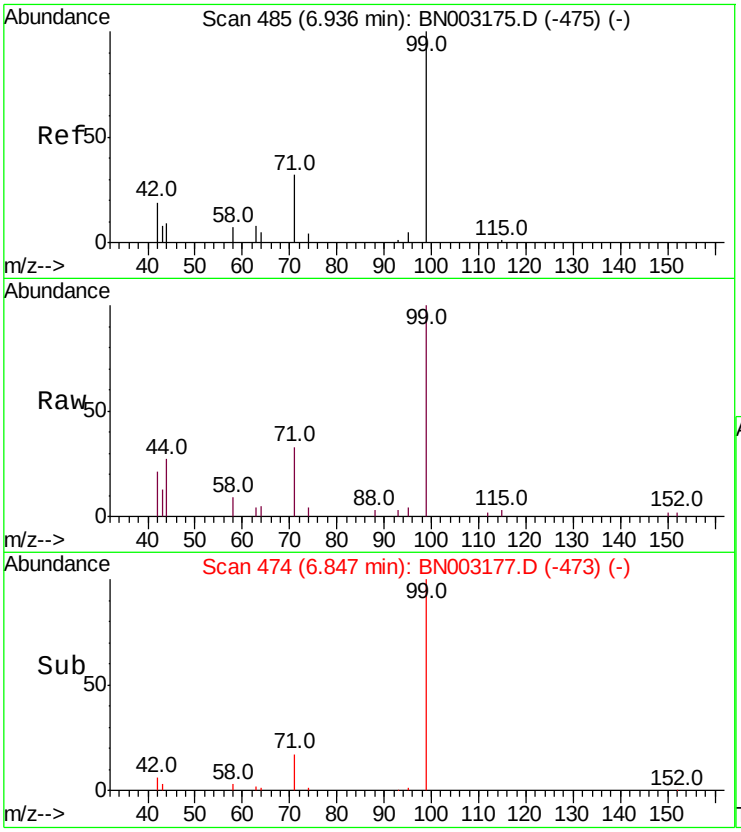


#4
2-Fluorophenol
Concen: 1.529 ng
RT: 5.27 min Scan# 278
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:112 Resp: 4939

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.0	73.4
63	29.8	25.9	38.9



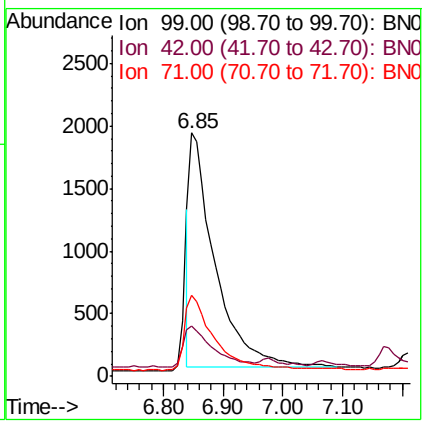


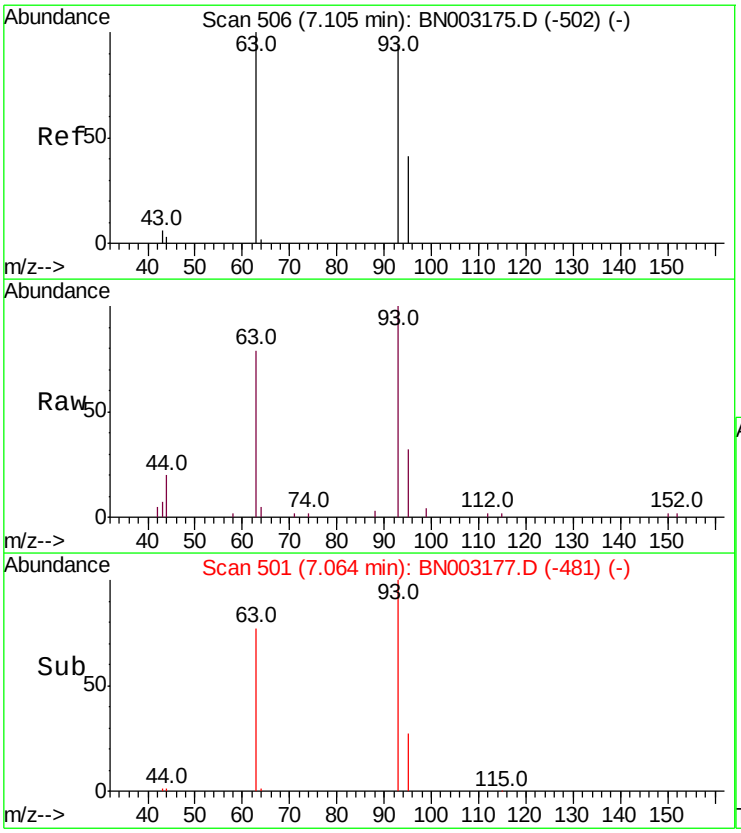
#5
Phenol-d6
Concen: 1.311 ng
RT: 6.85 min Scan# 474
Delta R.T. -0.09 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5384

Ion	Ratio	Lower	Upper
99	100		
42	12.5	15.4	23.2#
71	29.8	26.0	39.0

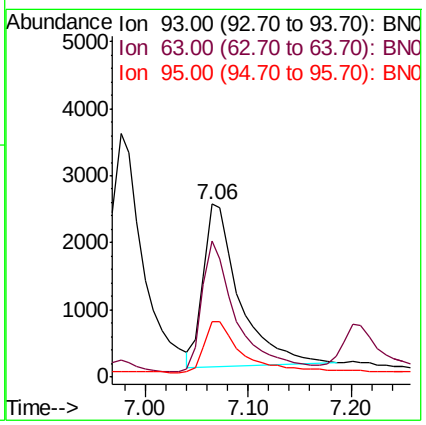


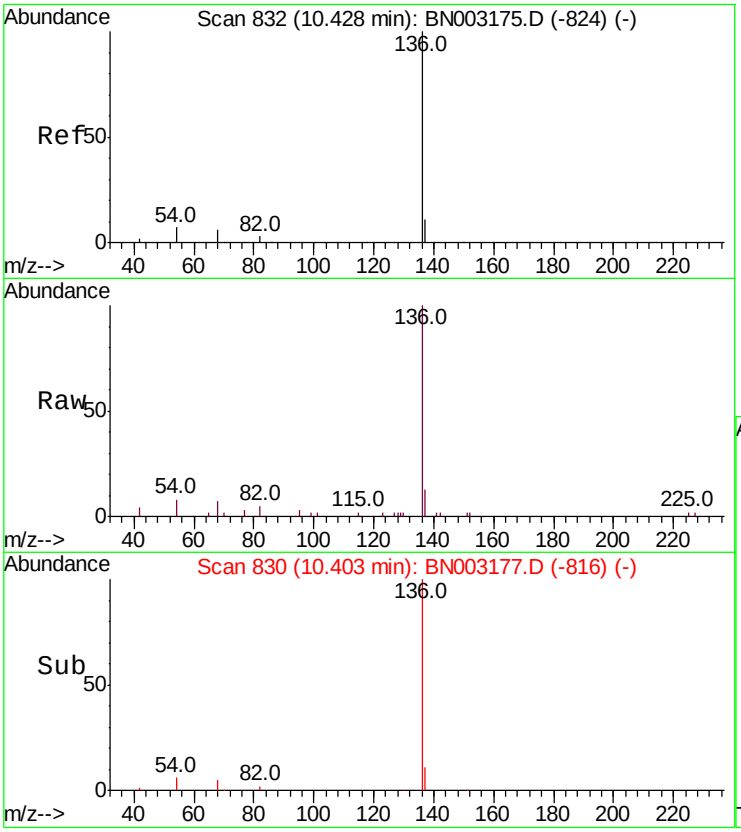


#6
bis(2-Chloroethyl)ether
Concen: 1.613 ng
RT: 7.06 min Scan# 501
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion: 93 Resp: 5910

Ion	Ratio	Lower	Upper
93	100		
63	77.7	54.2	81.4
95	34.9	24.9	37.3

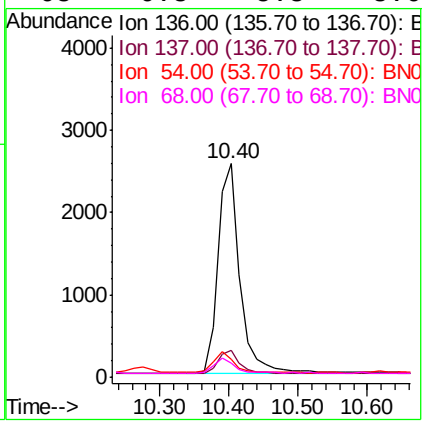




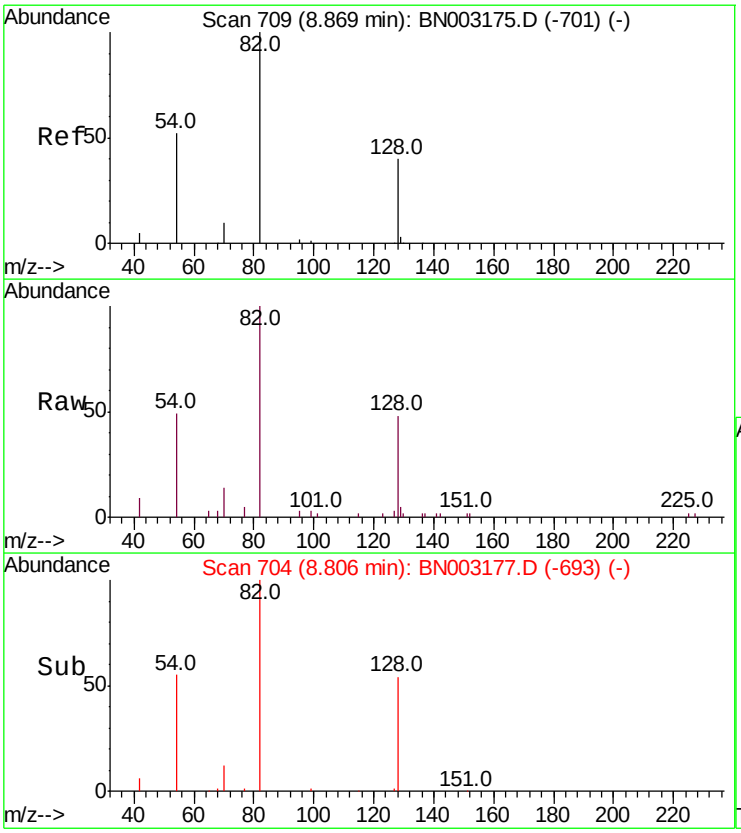
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:136 Resp: 5671

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.4	14.0
54	8.1	7.4	11.0
68	6.8	5.8	8.6



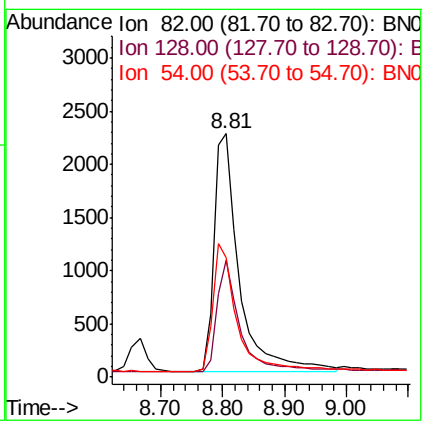
Instrument :
BNA_N
ClientSampleId :

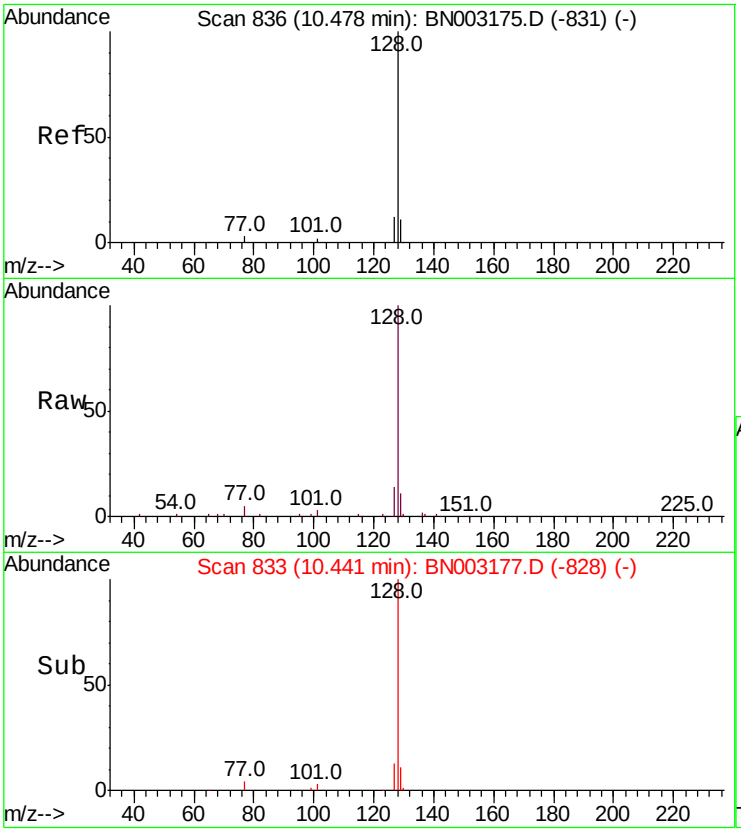


#8
Nitrobenzene-d5
Concen: 1.818 ng
RT: 8.81 min Scan# 704
Delta R.T. -0.06 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion: 82 Resp: 6350

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.2	57.4
54	49.1	44.1	66.1

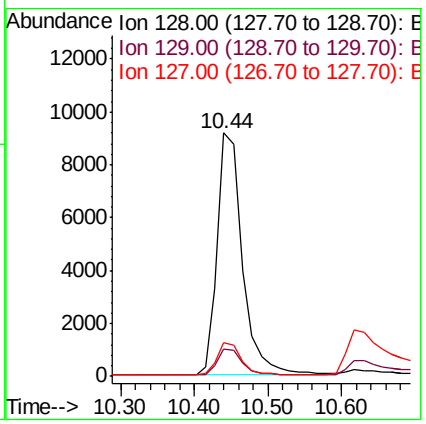




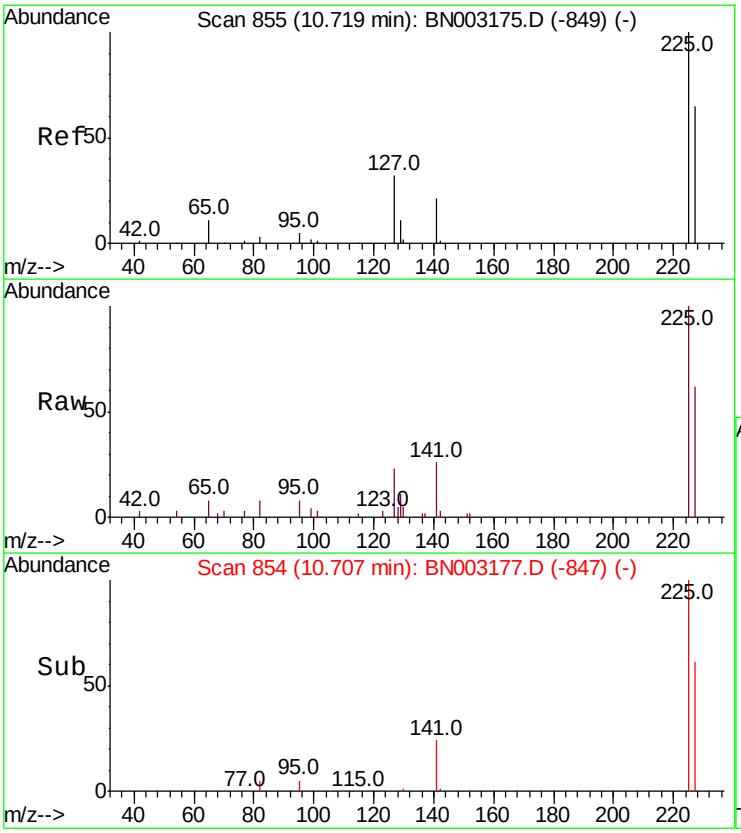
#9
Naphthalene
Concen: 1.692 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:128 Resp: 21856

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.7	11.4	17.2



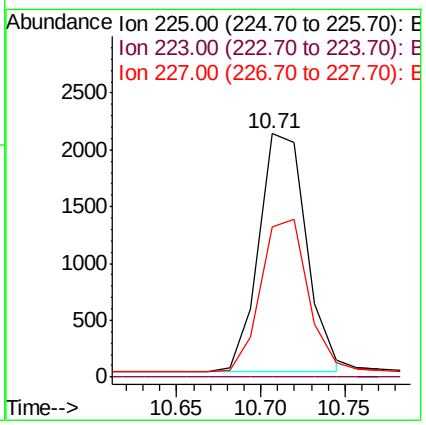
Instrument :
BNA_N
ClientSampleId :

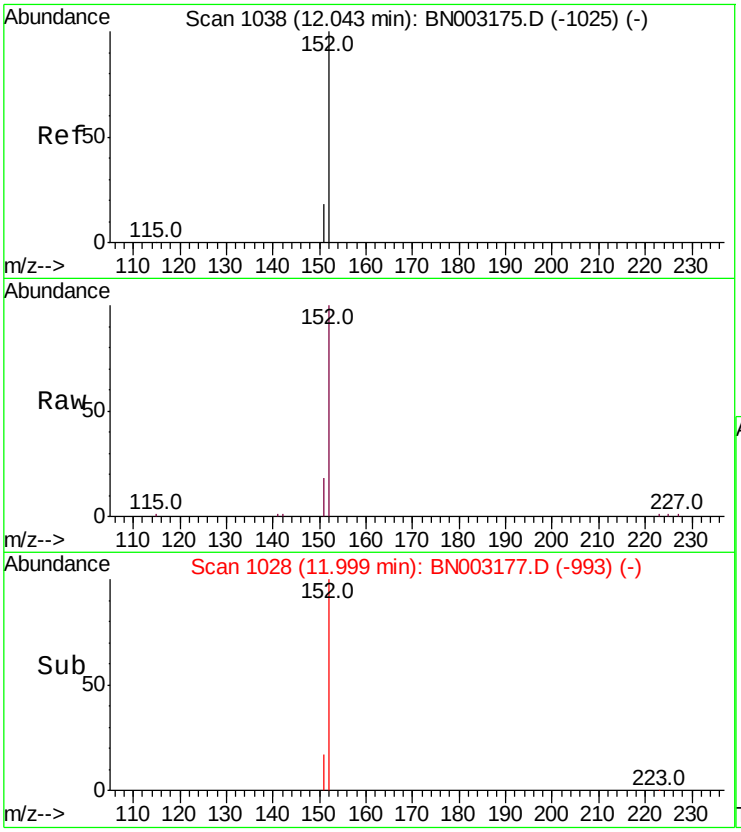


#10
Hexachlorobutadiene
Concen: 1.616 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:225 Resp: 4127

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.8



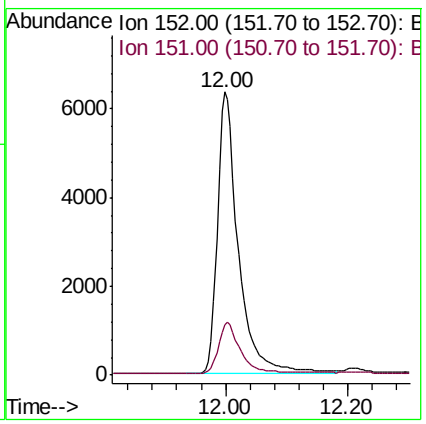


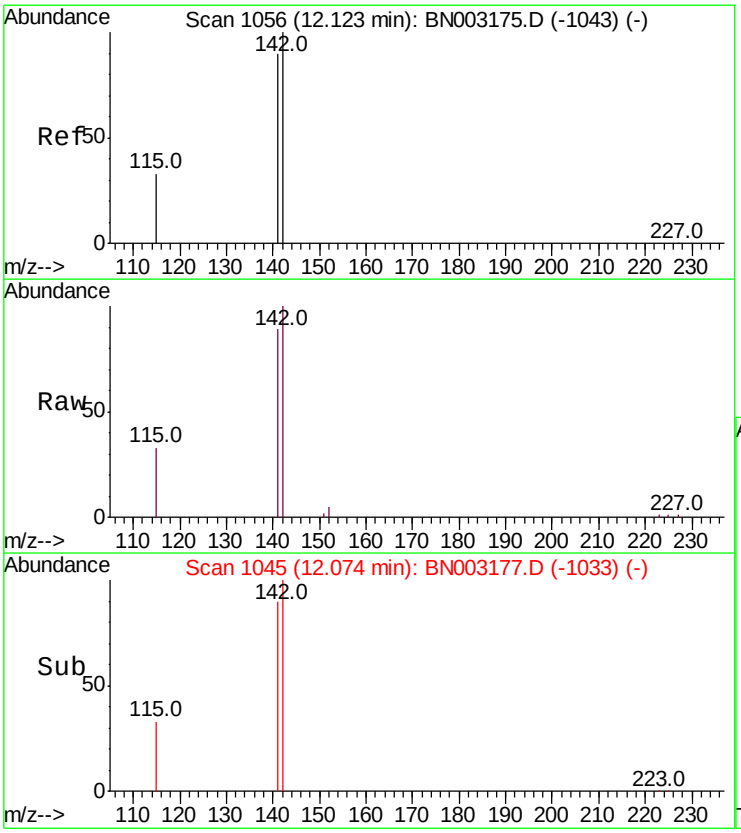
#11
2-Methylnaphthalene-d10
Concen: 1.796 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15013

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

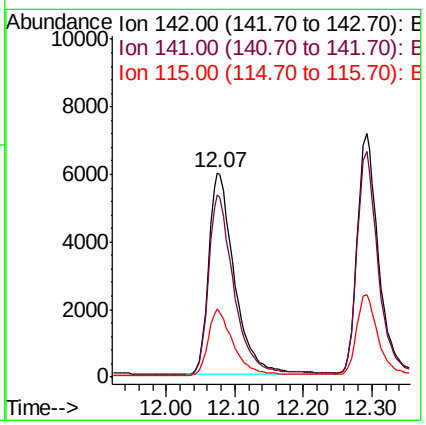


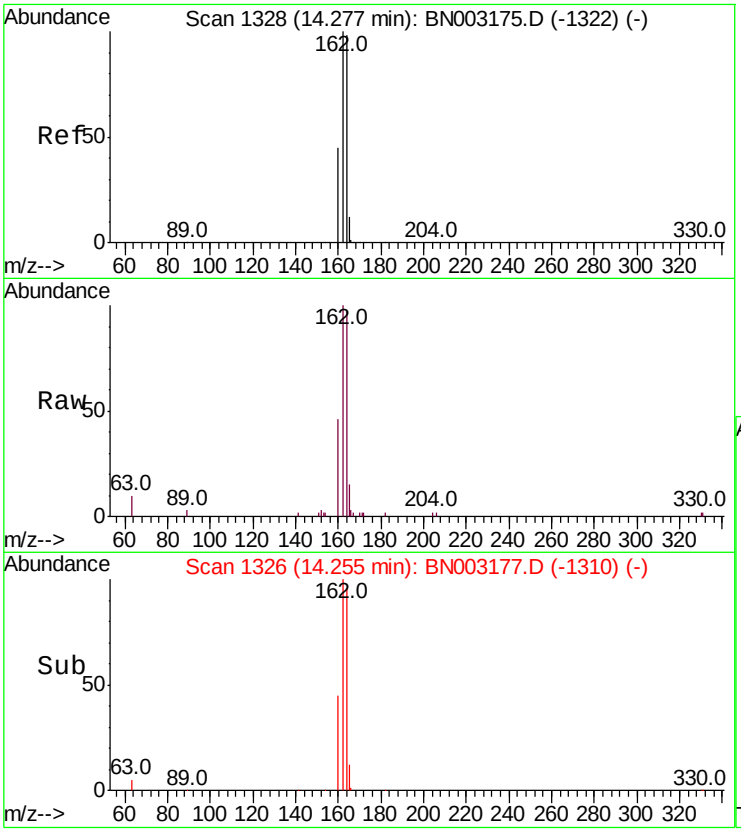


#12
2-Methylnaphthalene
Concen: 1.770 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.05 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:142 Resp: 15659

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	33.2	28.1	42.1



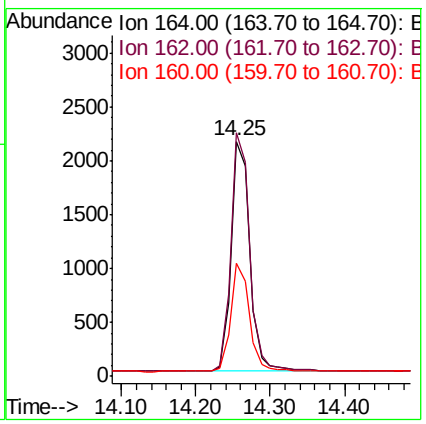


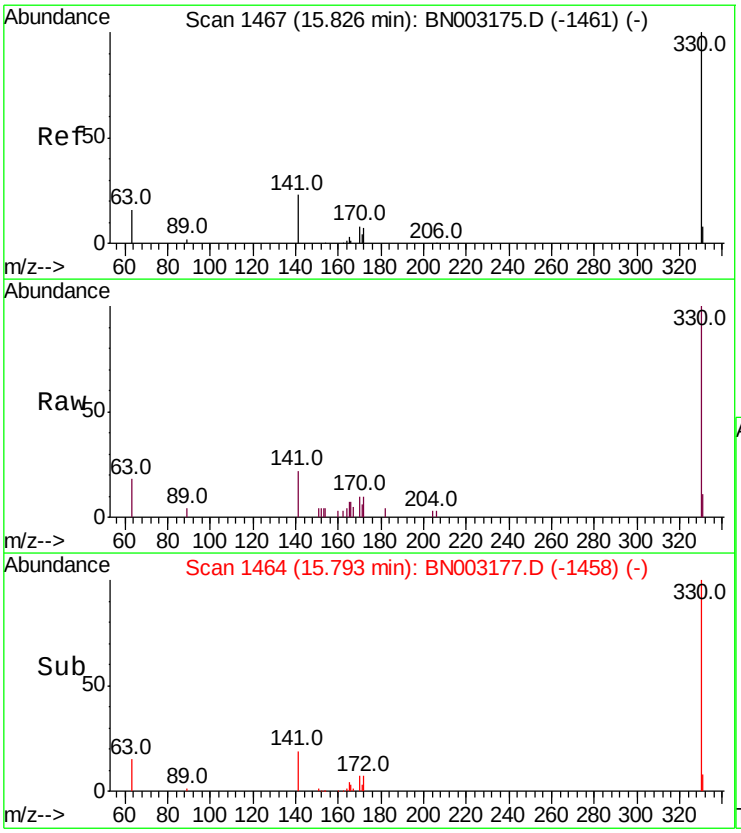
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3732

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.7	122.5
160	47.9	36.3	54.5

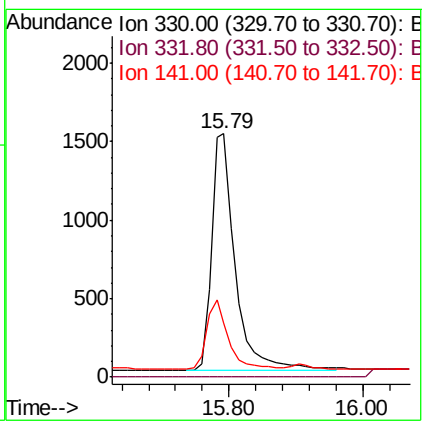


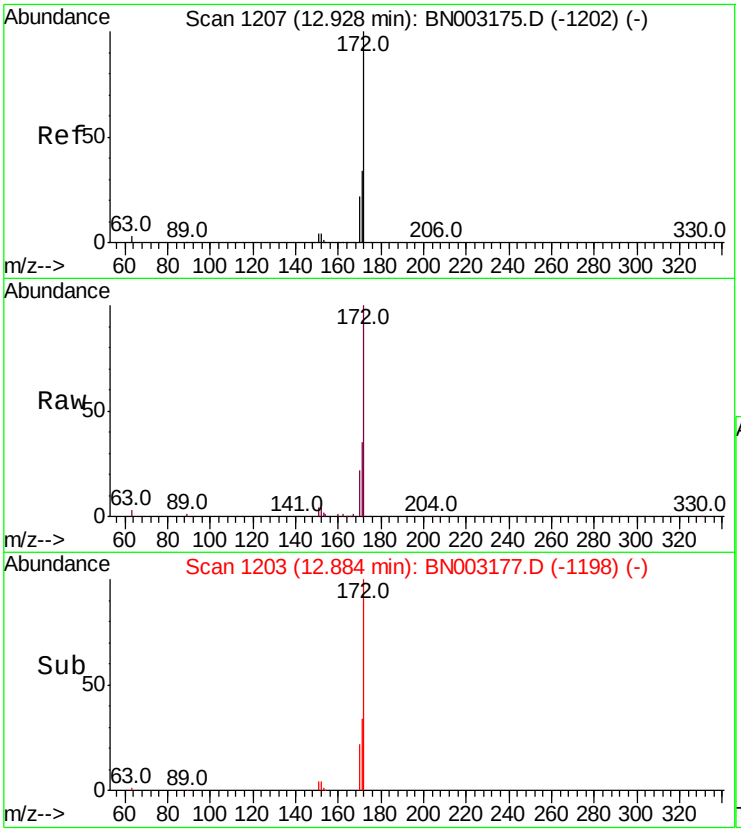


#14
2,4,6-Tribromophenol
Concen: 1.925 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:330 Resp: 3703

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	22.6	33.8



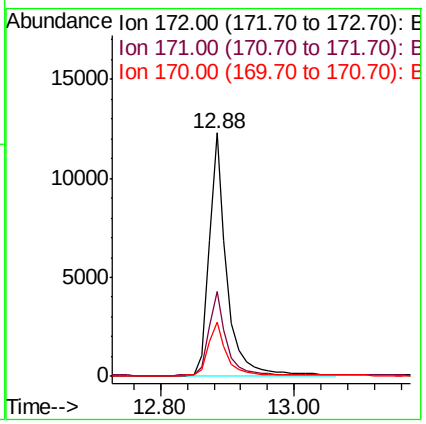


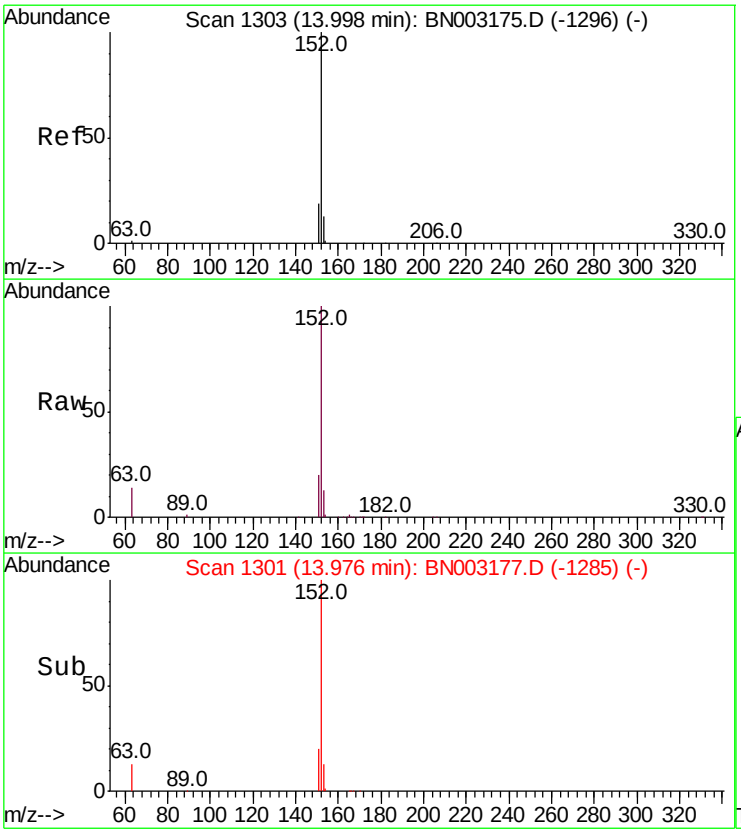
#15
2-Fluorobiphenyl
Concen: 1.646 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 22313

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.5	18.6	27.8

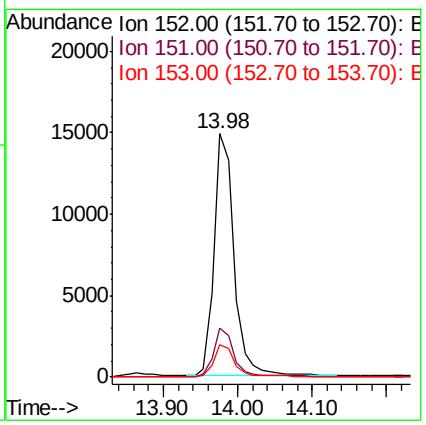


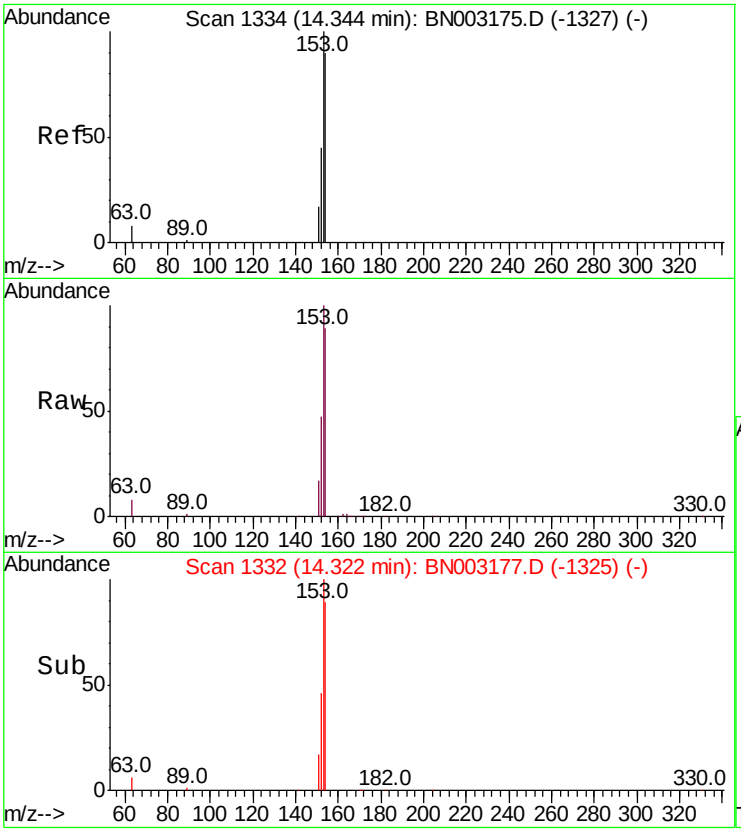


#16
Acenaphthylene
Concen: 1.800 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:152 Resp: 27792

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	16.0



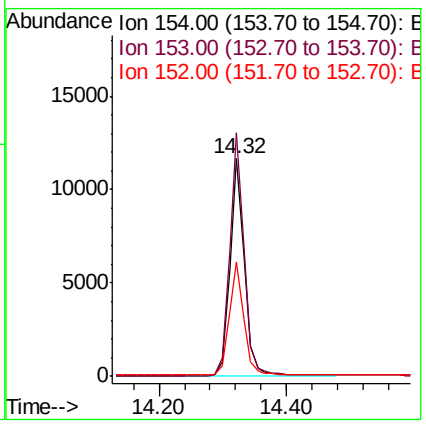


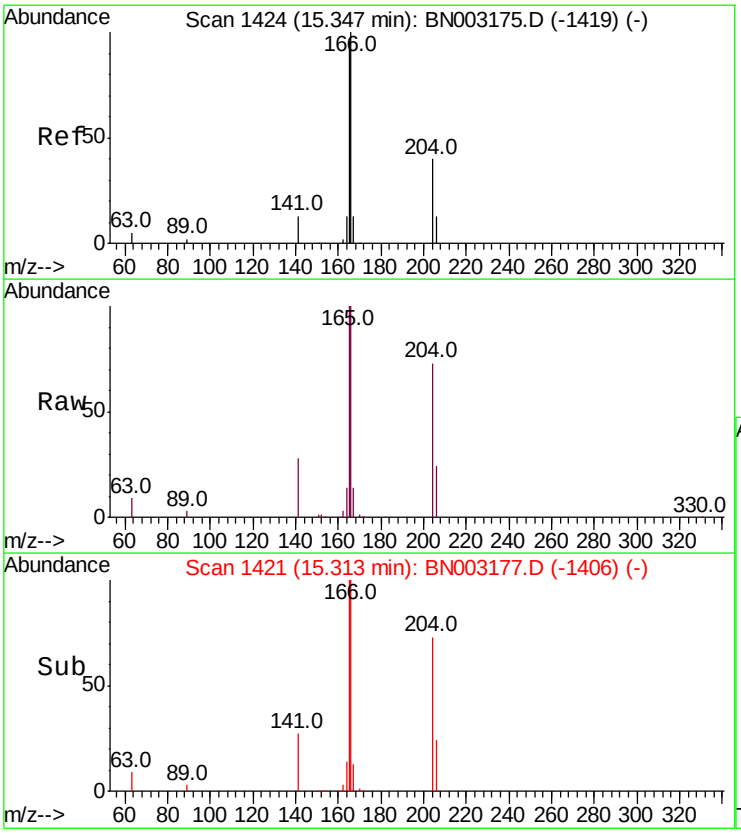
#17
Acenaphthene
Concen: 1.740 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 18020

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.0	136.4
152	52.7	43.8	65.6

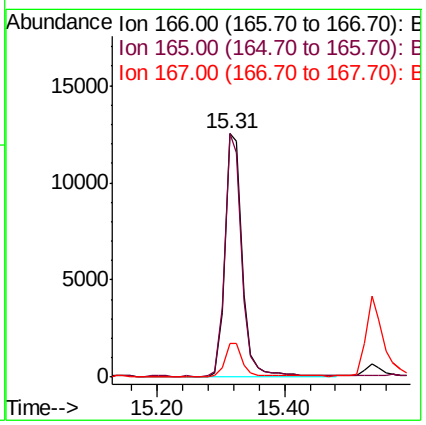


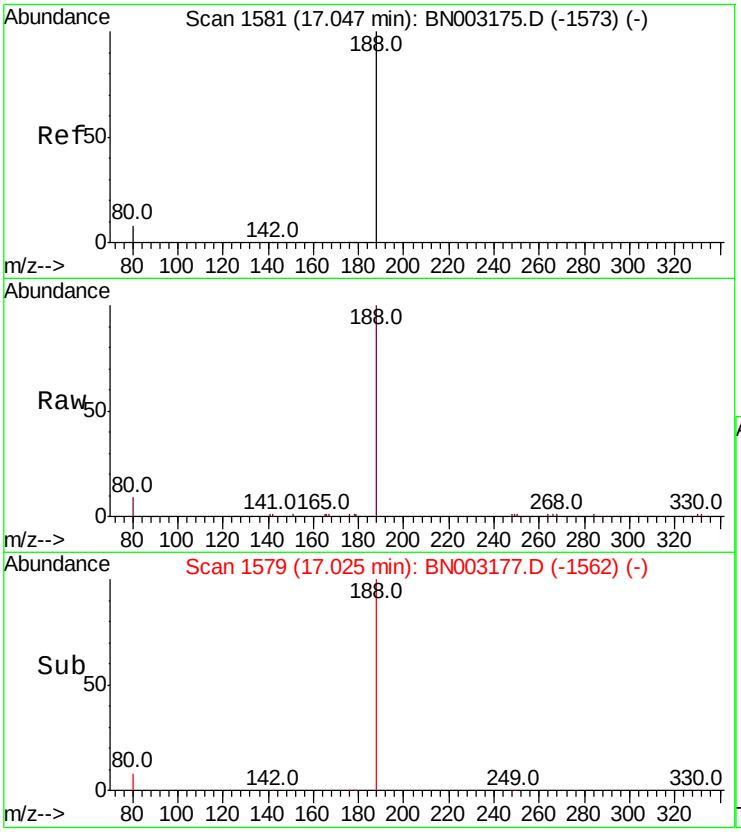


#18
Fluorene
Concen: 1.794 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:166 Resp: 23242

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	13.5	10.7	16.1



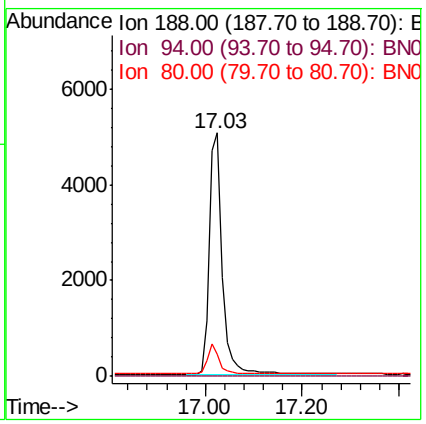


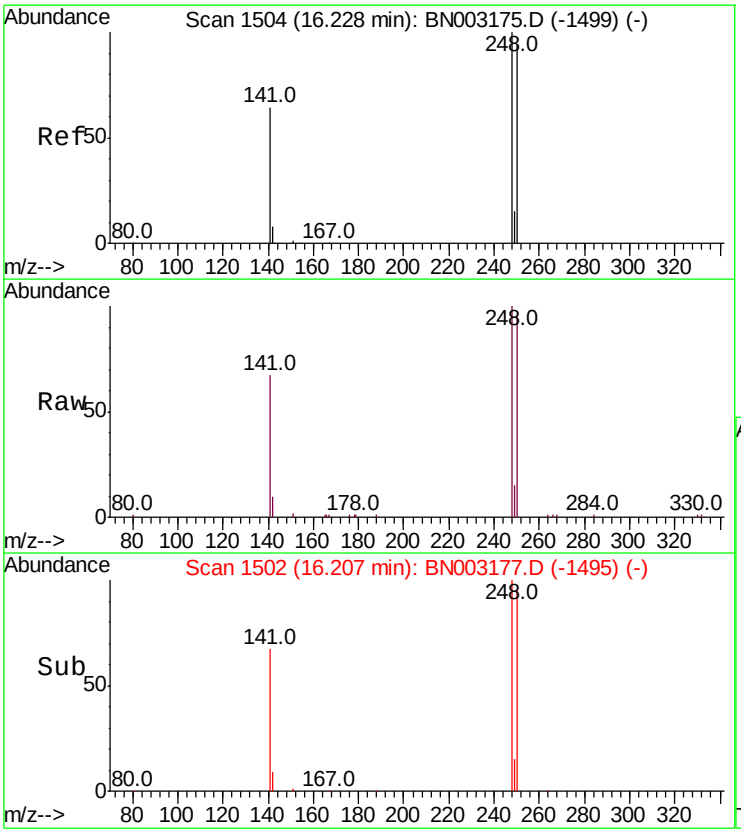
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 9327

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.7	10.1

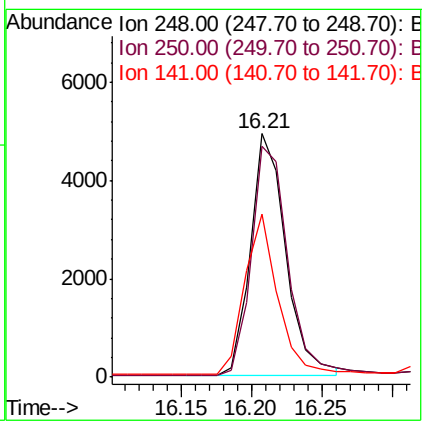


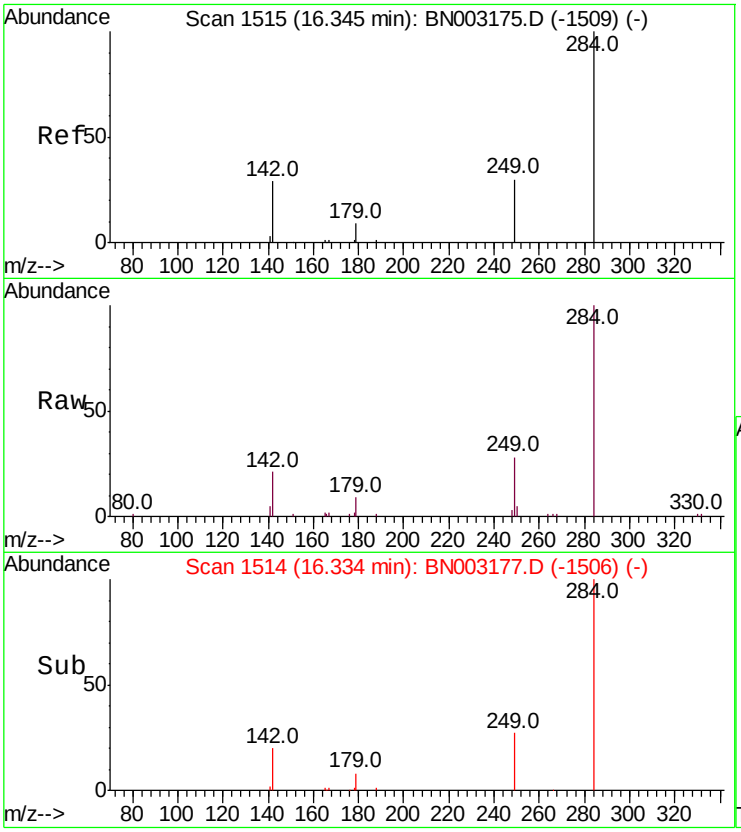


#20
4-Bromophenyl-phenylether
Concen: 1.684 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:248 Resp: 8570

Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.9	118.3
141	66.9	48.5	72.7



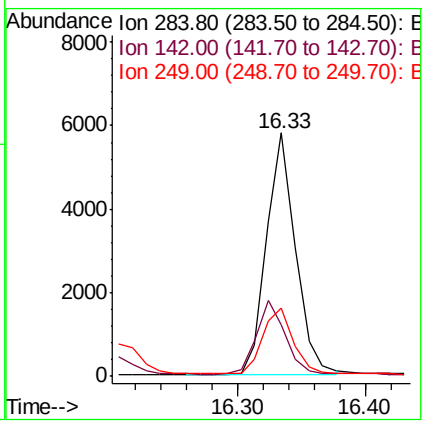


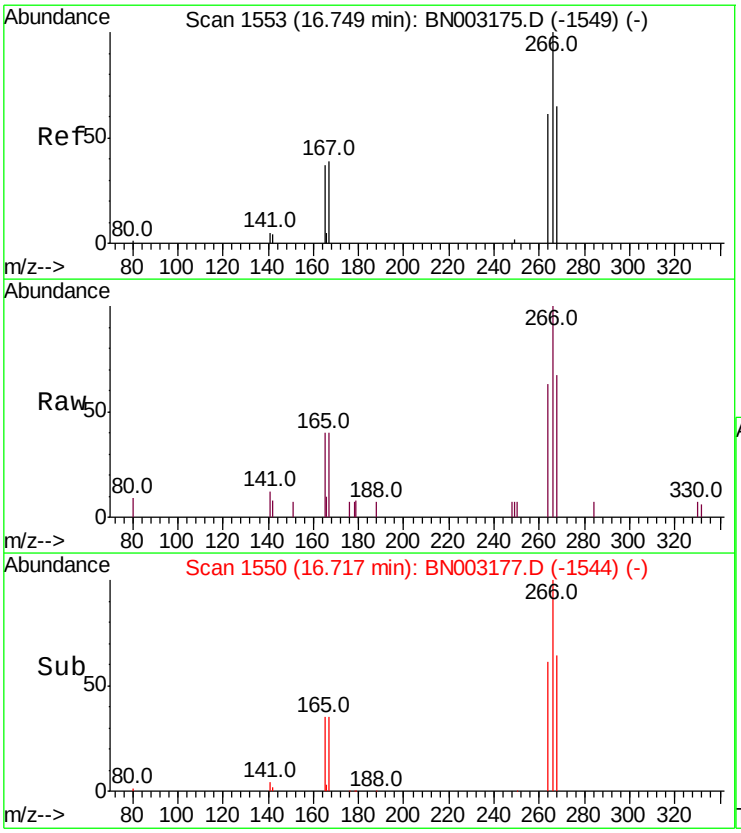
#21
Hexachlorobenzene
Concen: 1.669 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 9134

Ion	Ratio	Lower	Upper
284	100		
142	30.2	24.6	37.0
249	28.5	22.3	33.5

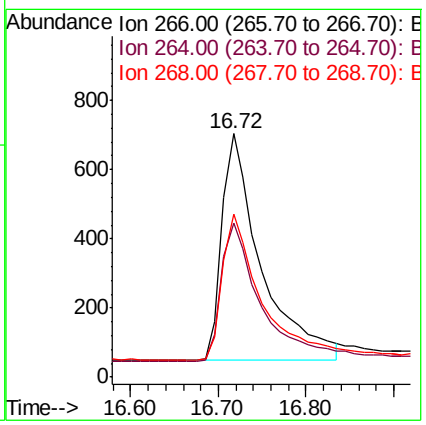


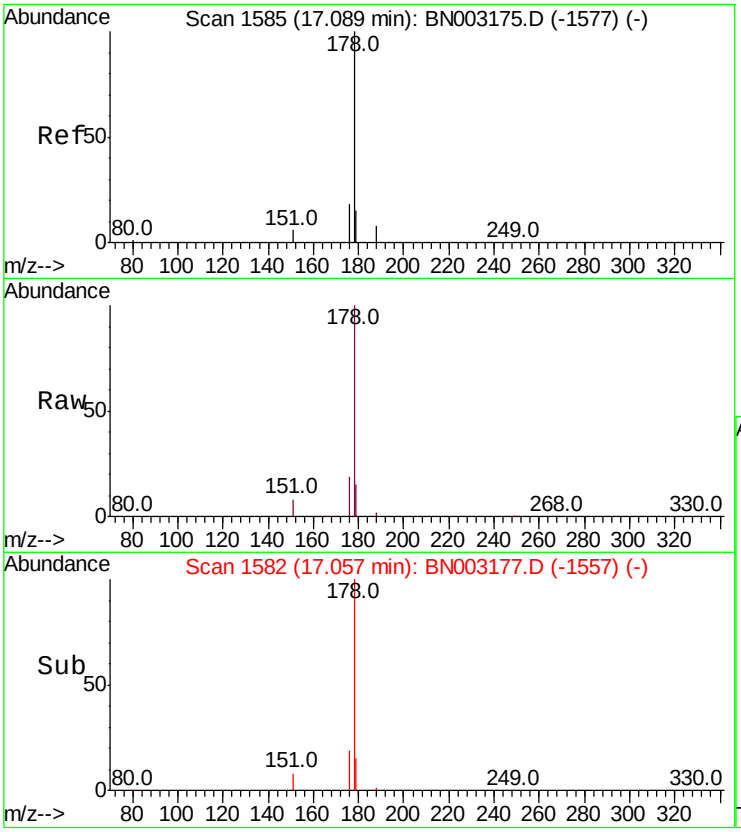


#22
Pentachlorophenol
Concen: 1.779 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:266 Resp: 2042

Ion	Ratio	Lower	Upper
266	100		
264	63.5	55.0	82.4
268	67.2	60.6	91.0



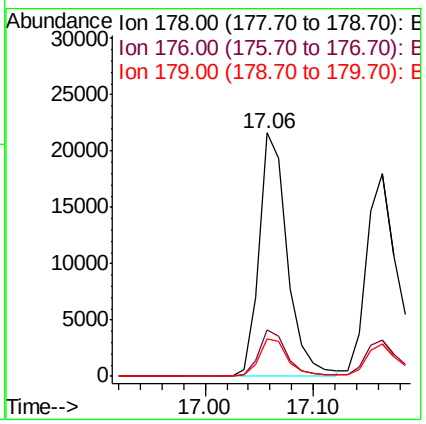


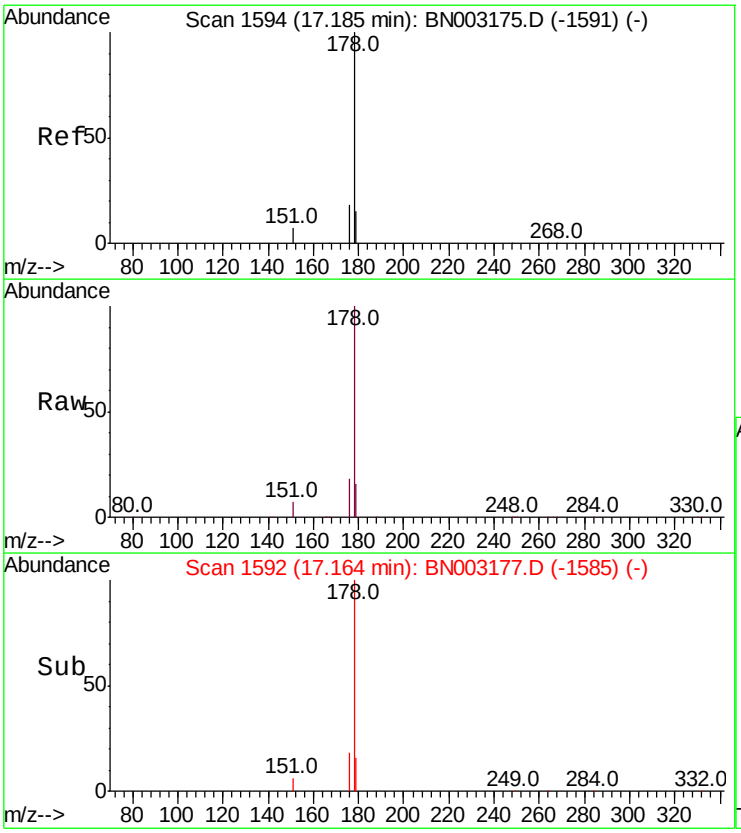
#23
Phenanthrene
Concen: 1.687 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 38924

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.3	18.5

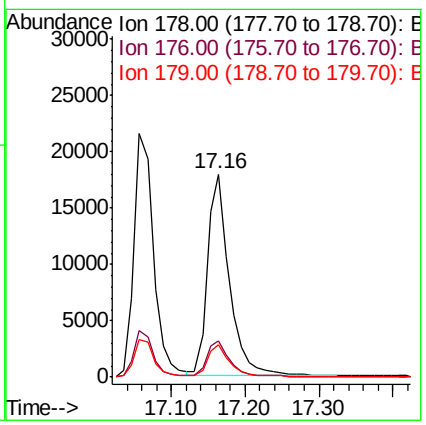


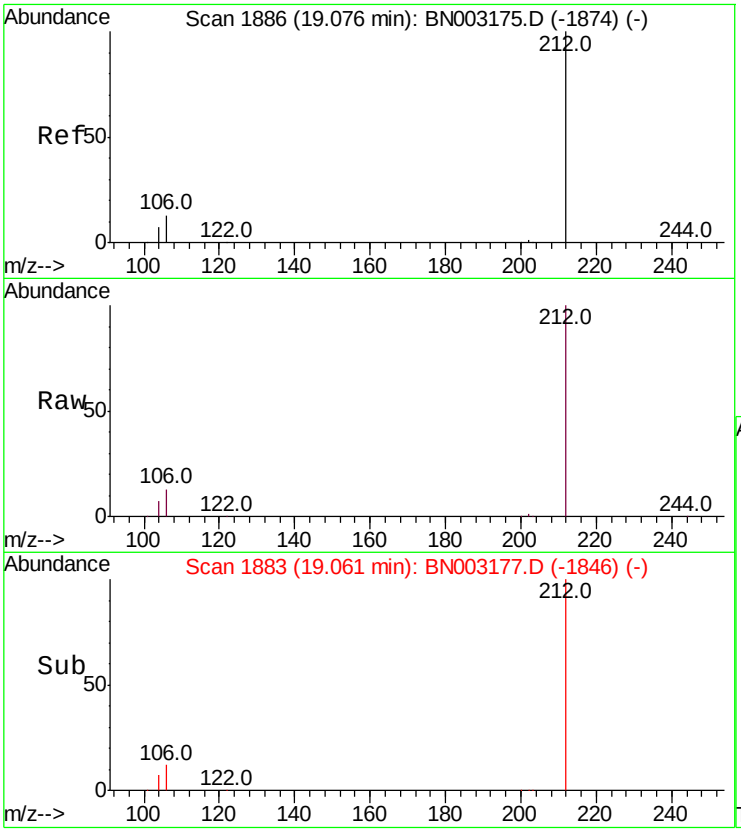


#24
Anthracene
Concen: 1.813 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:178 Resp: 36888

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5



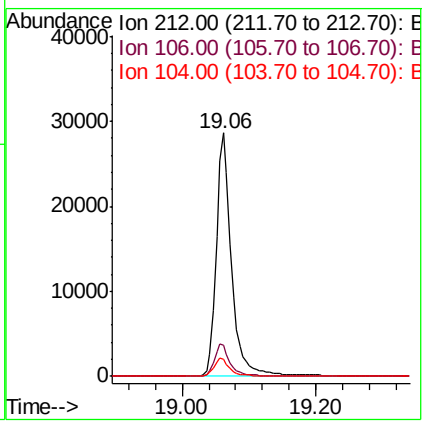


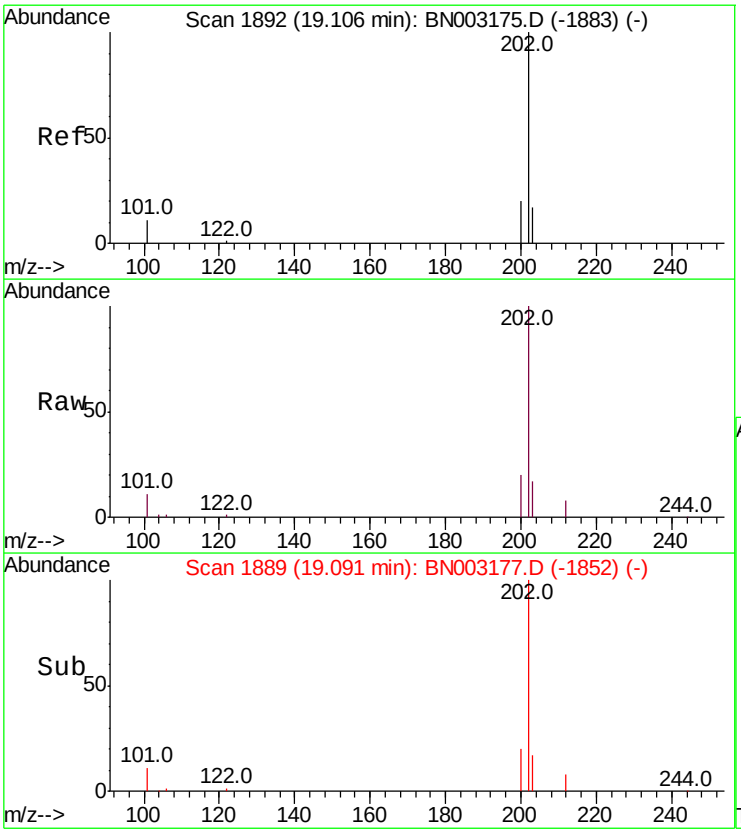
#25
Fluoranthene-d10
Concen: 1.856 ng
RT: 19.06 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 44809

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.2	15.4
104	7.4	5.8	8.6

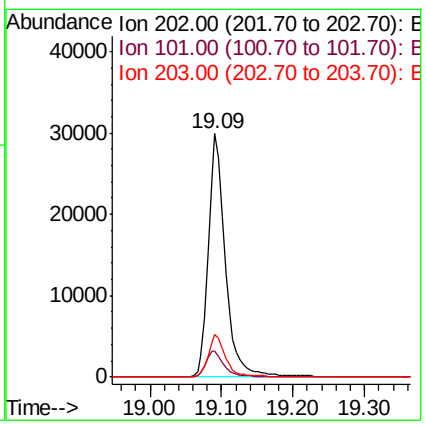


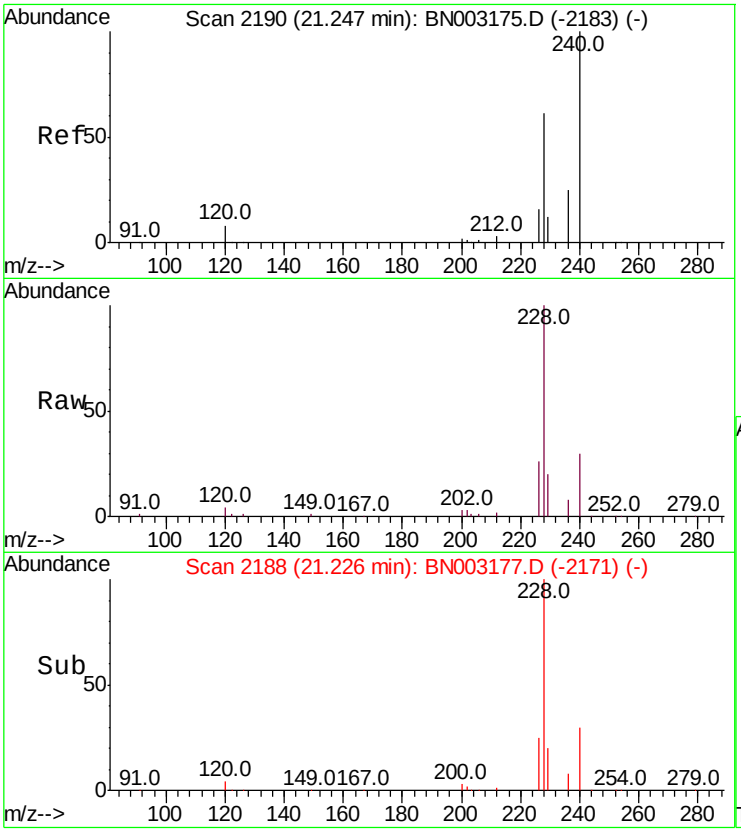


#26
Fluoranthene
Concen: 1.867 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:202 Resp: 48846

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
203	17.2	13.7	20.5



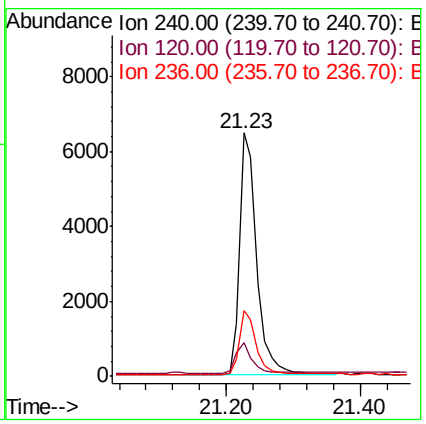


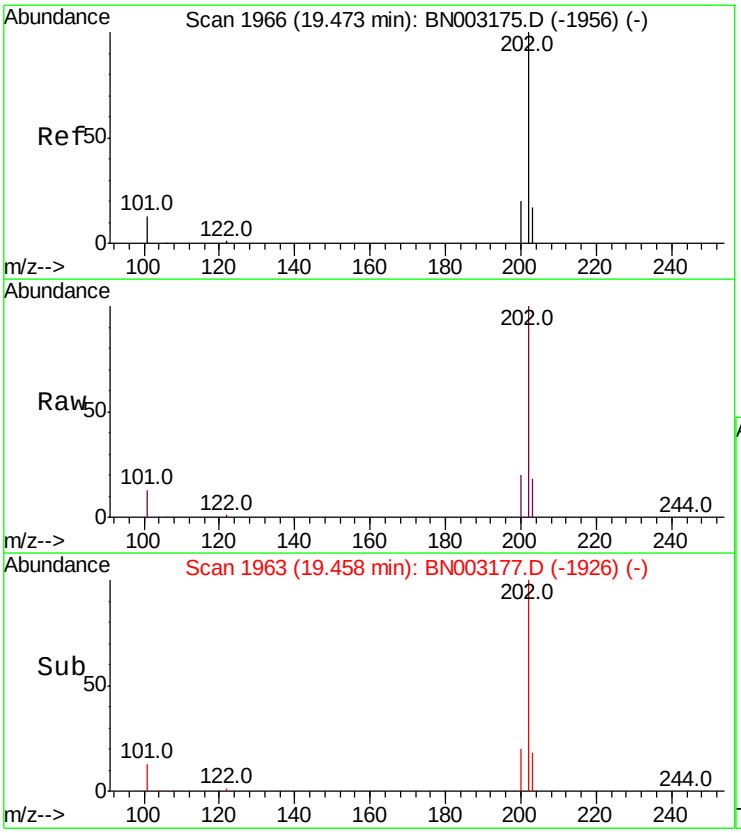
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11452

Ion	Ratio	Lower	Upper
240	100		
120	14.0	7.8	11.8#
236	27.1	21.0	31.4

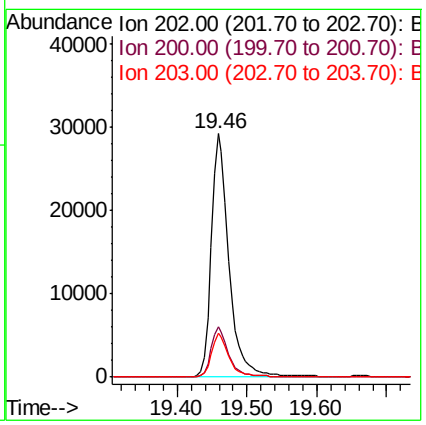


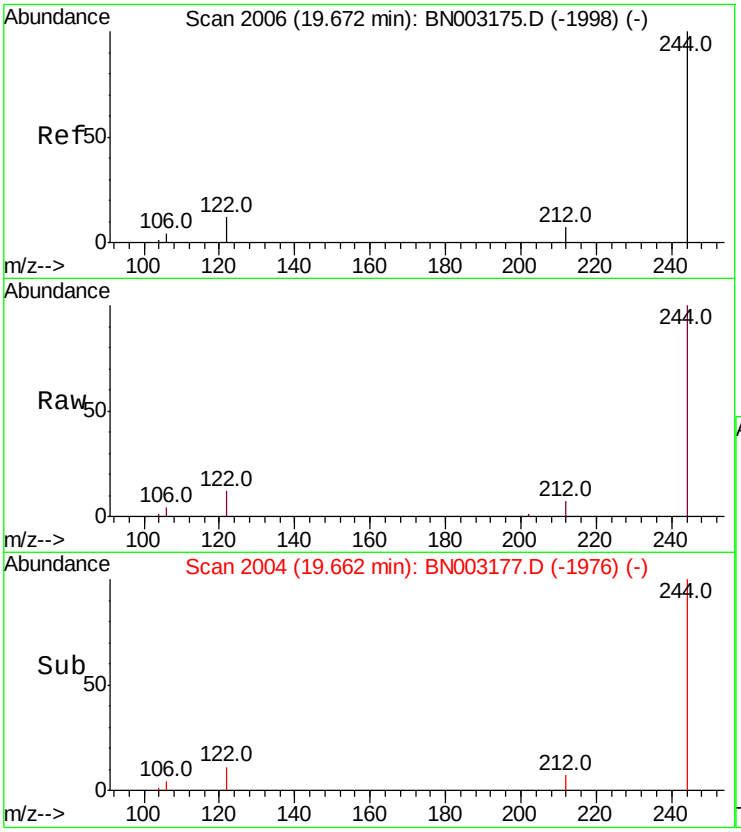


#28
Pyrene
Concen: 1.506 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:202 Resp: 50582

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.2	21.2



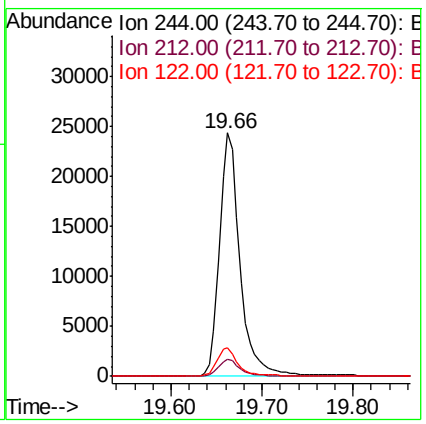


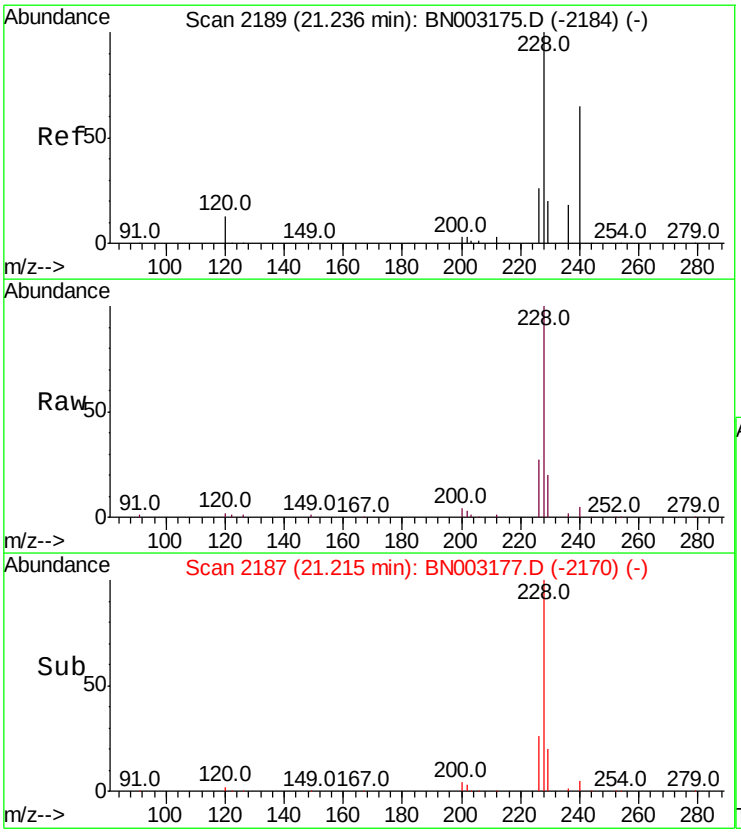
#29
Terphenyl-d14
Concen: 1.493 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 37760

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.4
122	11.5	9.1	13.7

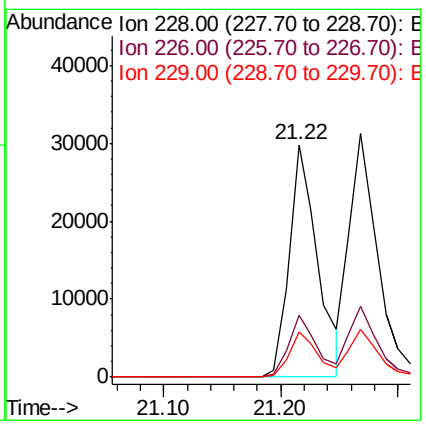


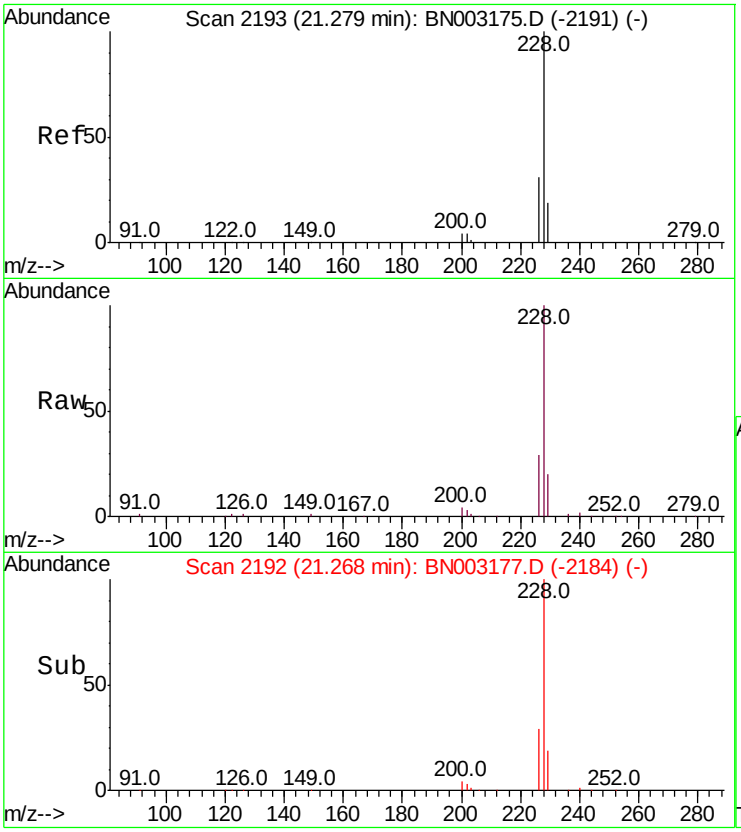


#30
Benzo(a)anthracene
Concen: 1.869 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:228 Resp: 50076

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.4	32.2
229	19.7	16.4	24.6



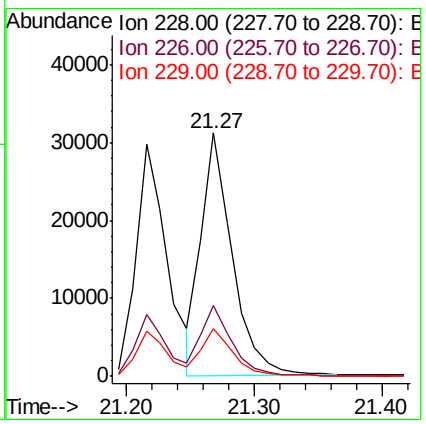


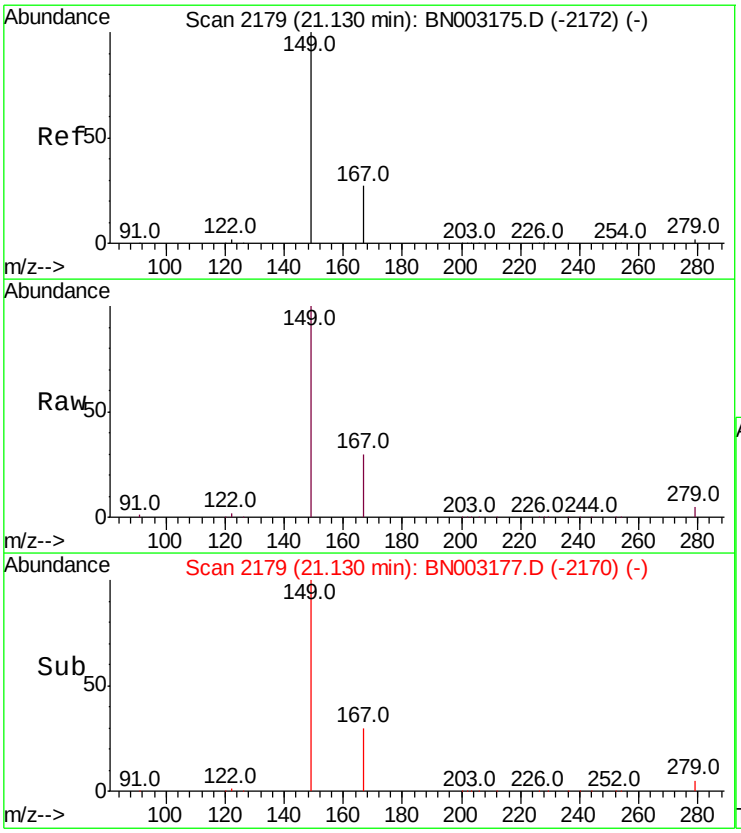
#31
Chrysene
Concen: 1.566 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 52355

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	19.6	15.9	23.9

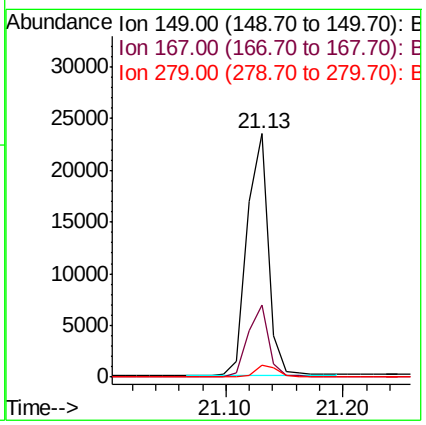


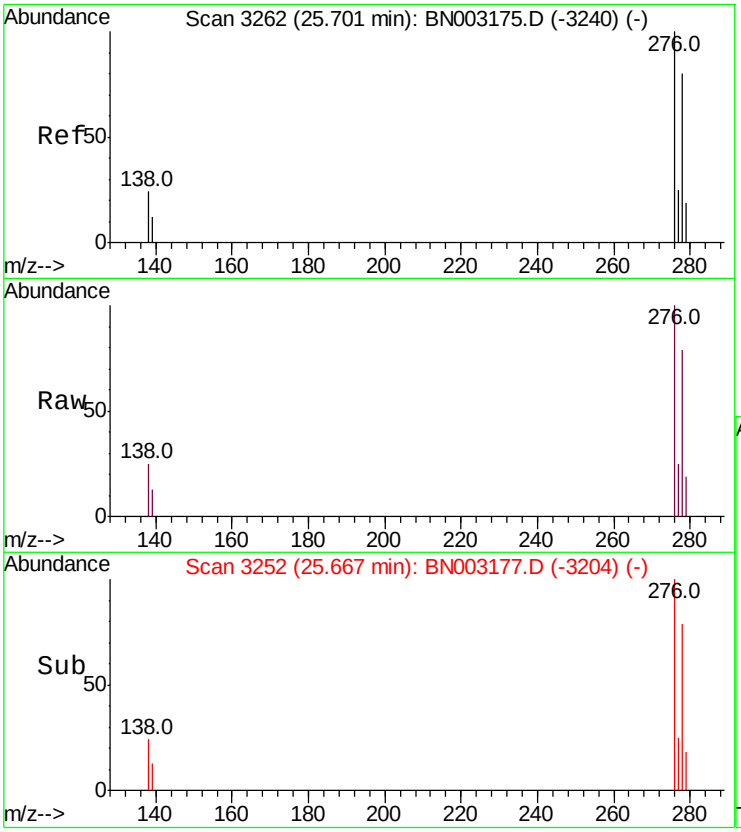


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.637 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:149 Resp: 29428

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.8	3.7	5.5



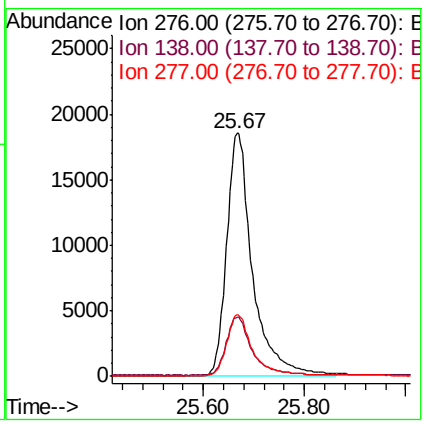


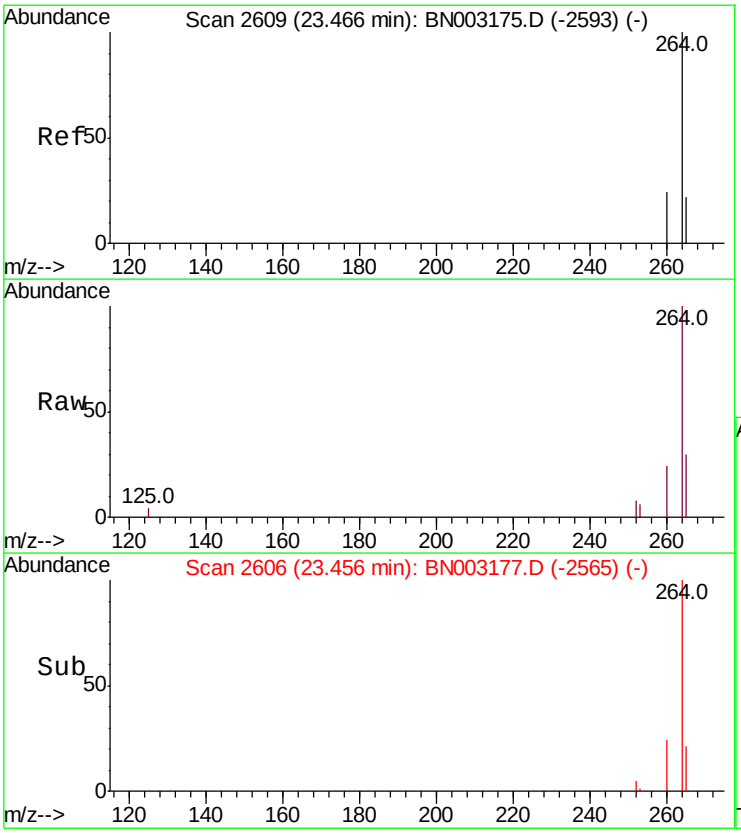
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.305 ng
RT: 25.67 min Scan# 3252
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 65391

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.2	27.4
277	25.1	20.2	30.4

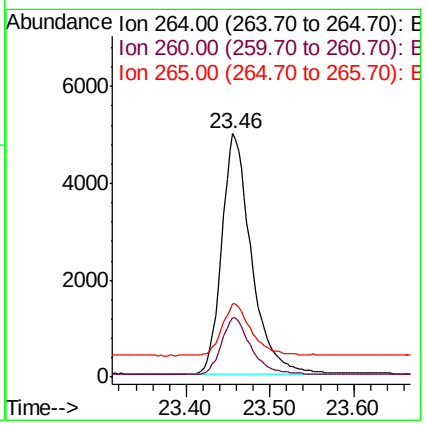


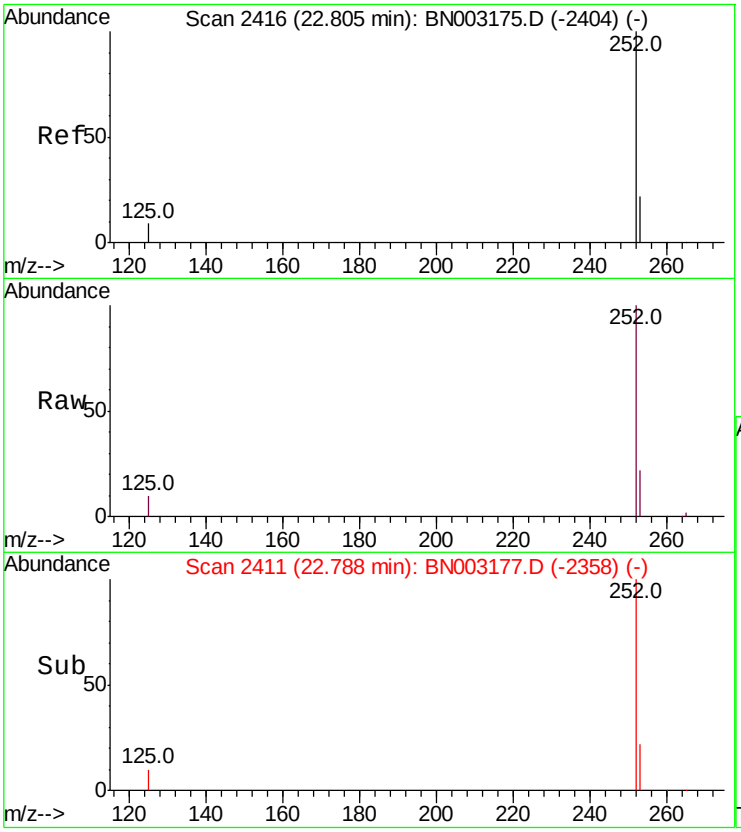


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:264 Resp: 12154

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	29.9	27.6	41.4



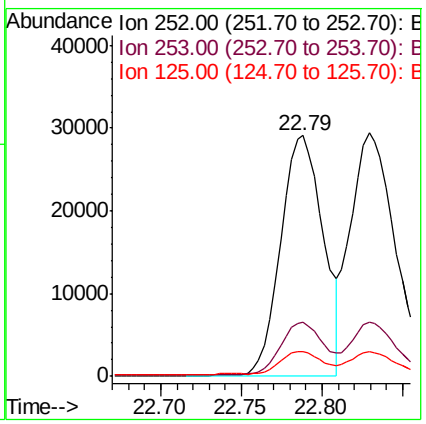


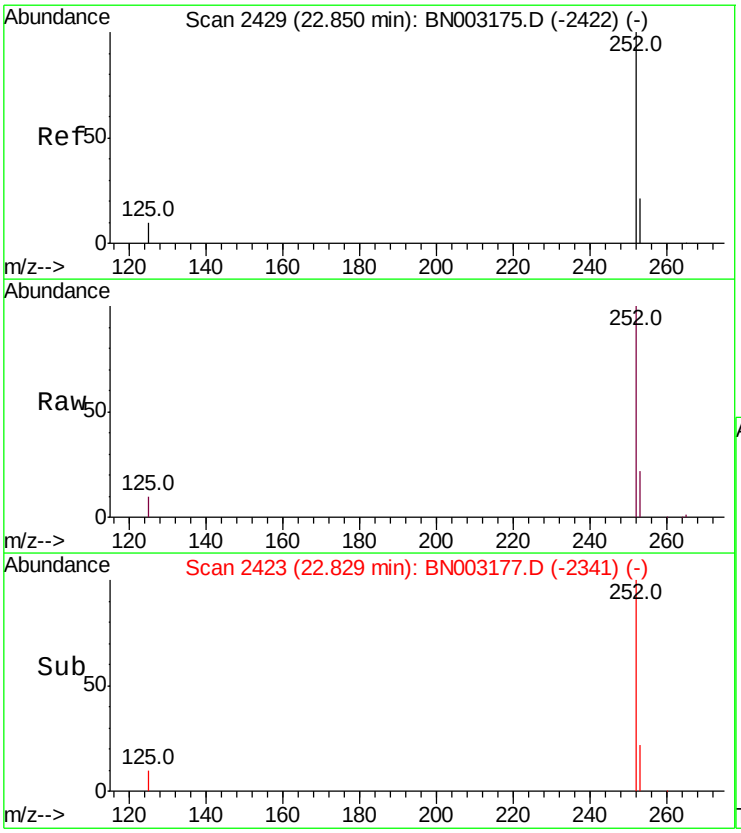
#35
Benzo(b)fluoranthene
Concen: 1.558 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 52903

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.8	31.2
125	10.3	9.6	14.4

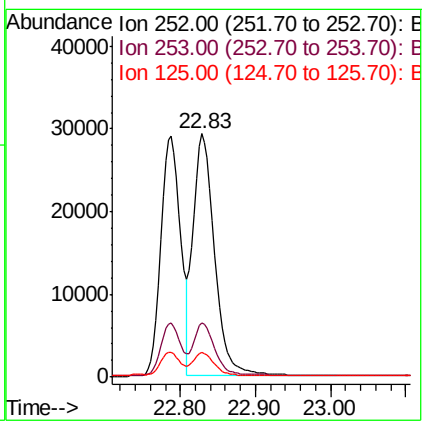


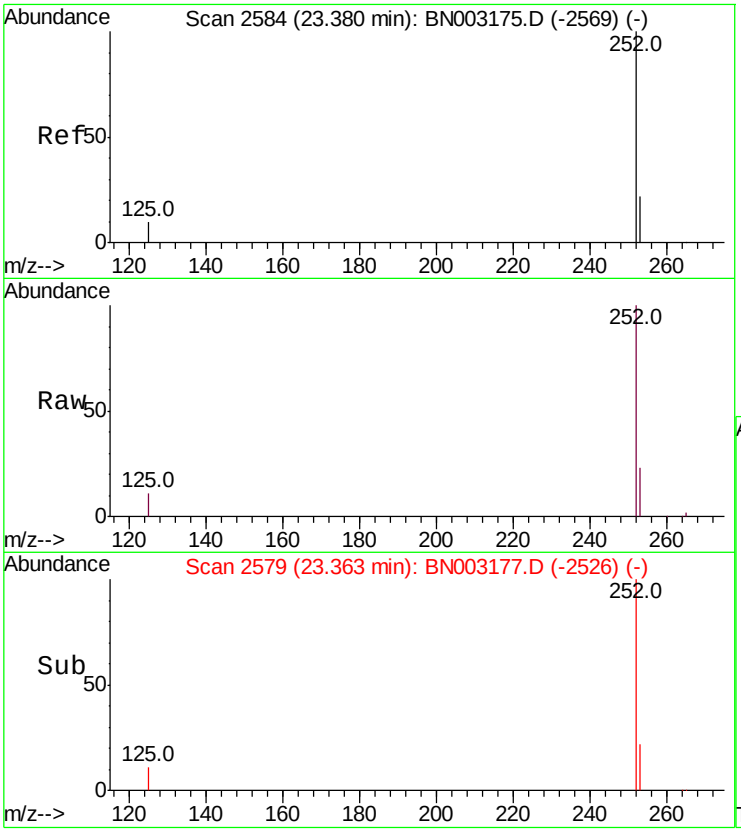


#36
Benzo(k)fluoranthene
Concen: 1.580 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:252 Resp: 58691

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.5	30.7
125	10.3	9.4	14.0



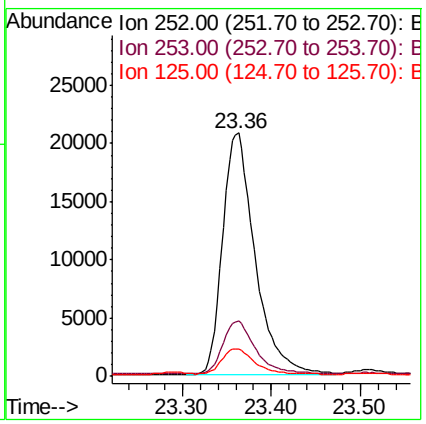


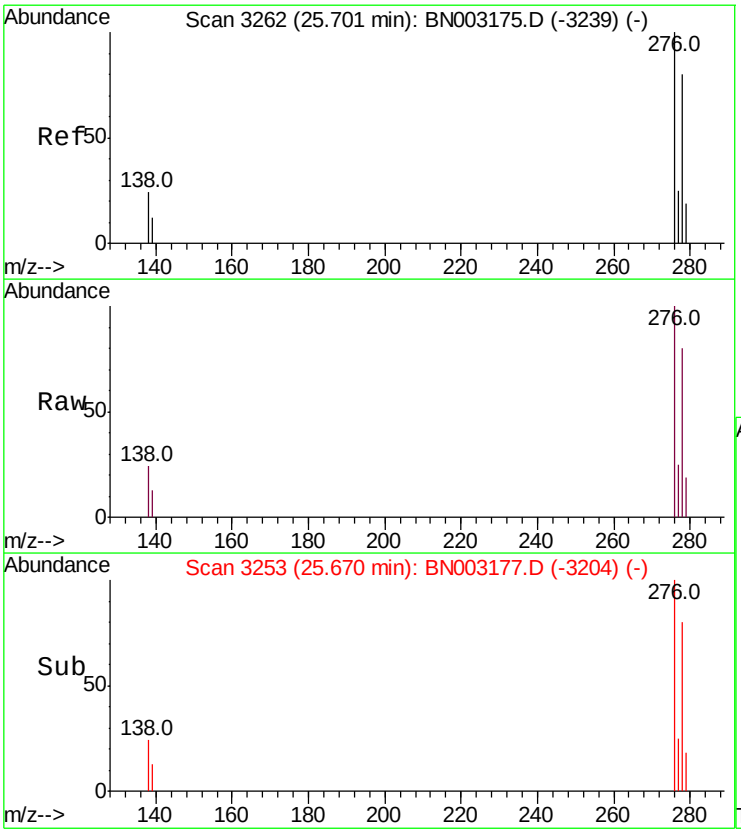
#37
Benzo(a)pyrene
Concen: 1.678 ng
RT: 23.36 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 52916

Ion	Ratio	Lower	Upper
252	100		
253	22.6	22.4	33.6
125	11.4	11.4	17.0

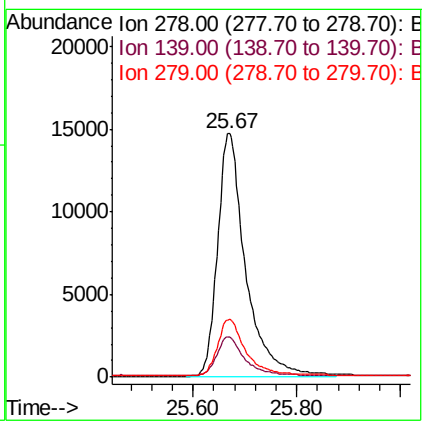


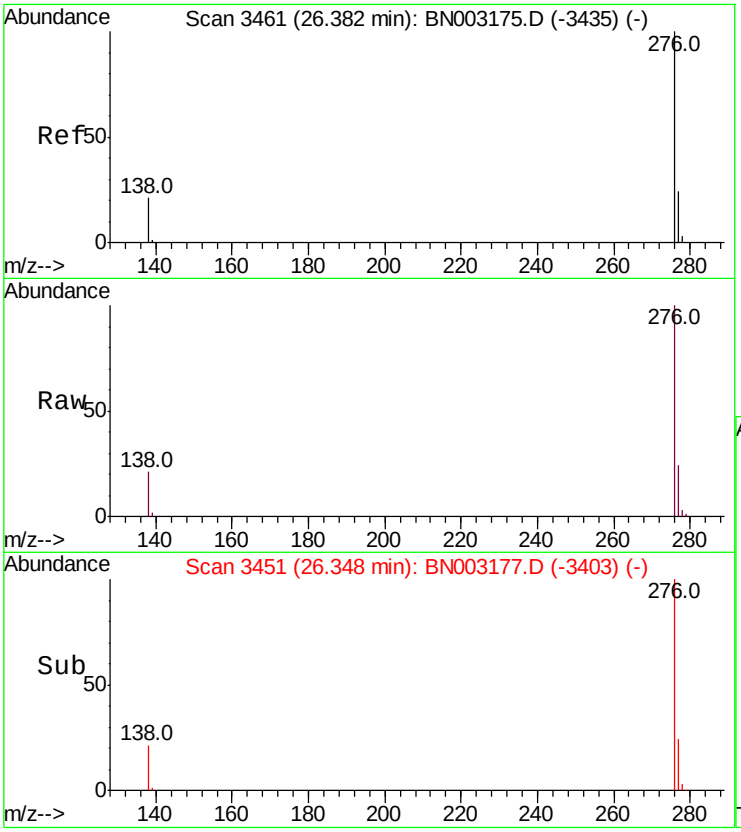


#38
Dibenzo(a,h)anthracene
Concen: 1.915 ng
RT: 25.67 min Scan# 3253
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:278 Resp: 54915

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.6	21.8
279	23.6	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 1.864 ng
RT: 26.35 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 54714

Ion	Ratio	Lower	Upper
276	100		
277	24.0	21.0	31.4
138	21.3	18.1	27.1