Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008837.D
Acq On : 04 Dec 2019 11:55
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 04 14:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:04:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3029	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	12760	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	8882	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	19951	0.40	ng		0.00
27) Chrysene-d12	21.14	240	21996	0.40	ng		0.00
34) Perylene-d12	23.31	264	24435	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1618	0.16	ng		0.00
5) Phenol-d6	6.76	99	2159	0.15	ng		0.00
8) Nitrobenzene-d5	8.71	82	2166	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	4098	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.69	330	887	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	6503	0.18	ng		0.00
25) Fluoranthene-d10	18.98	212	11740	0.17	ng		0.00
29) Terphenyl-d14	19.59	244	9725	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	582	0.172	ng	#	100
3) n-Nitrosodimethylamine	3.52	42	678	0.438	ng	#	100
6) bis(2-Chloroethyl)ether	7.01	93	1931	0.225	ng		96
9) Naphthalene	10.38	128	6678	0.186	ng		97
10) Hexachlorobutadiene	10.67	225	1338	0.177	ng	#	100
12) 2-Methylnaphthalene	12.00	142	4845	0.200	ng		97
16) Acenaphthylene	13.91	152	7772	0.165	ng		100
17) Acenaphthene	14.25	154	5101	0.168	ng		99
18) Fluorene	15.25	166	6699	0.172	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	2221	0.183	ng	#	88
21) Hexachlorobenzene	16.26	284	2616	0.198	ng		98
22) Pentachlorophenol	16.61	266	867	0.178	ng		96
23) Phenanthrene	16.98	178	11783	0.190	ng		99
24) Anthracene	17.08	178	10533	0.188	ng		99
26) Fluoranthene	19.01	202	14166	0.183	ng		99
28) Pyrene	19.37	202	14720	0.196	ng		100
30) Benzo(a)anthracene	21.13	228	15403	0.190	ng		98
31) Chrysene	21.19	228	15219	0.193	ng		99
32) Bis(2-ethylhexyl)phthalate	21.09	149	10953	0.263	ng		98
33) Indeno(1,2,3-cd)pyrene	25.43	276	18987	0.192	ng		98
35) Benzo(b)fluoranthene	22.67	252	15884	0.187	ng	#	89
36) Benzo(k)fluoranthene	22.71	252	15486	0.185	ng	#	86
37) Benzo(a)pyrene	23.21	252	14976	0.188	ng	#	89
38) Dibenzo(a,h)anthracene	25.44	278	15374	0.188	ng		94
39) Benzo(g,h,i)perylene	26.07	276	15458	0.192	ng		97

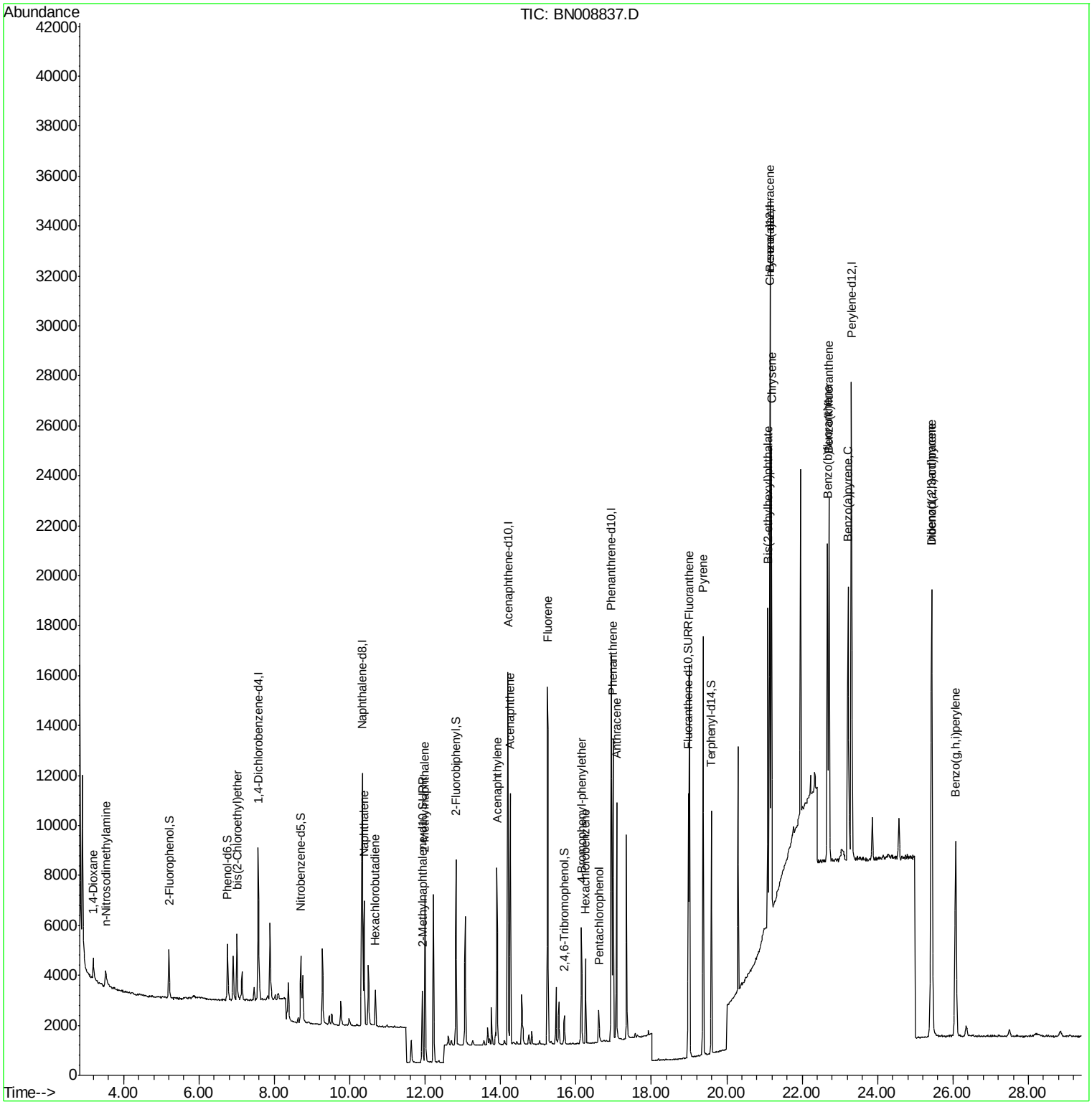
(#) = qualifier out of range (m) = manual integration (+) = signals summed

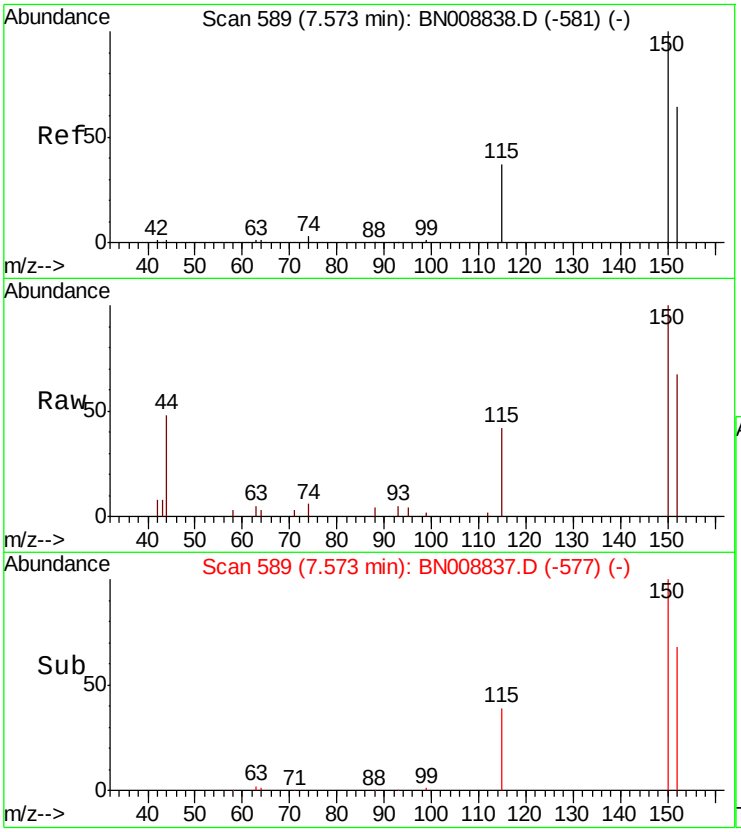
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008837.D
Acq On : 04 Dec 2019 11:55
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 04 14:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:04:21 2019
Response via : Initial Calibration



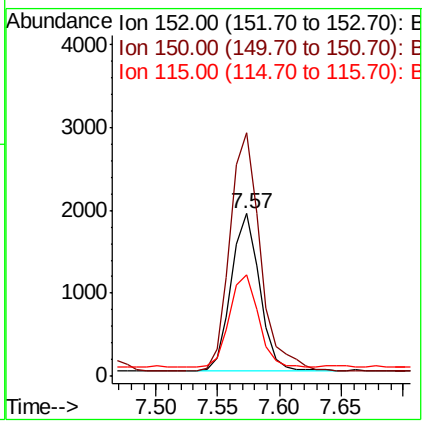


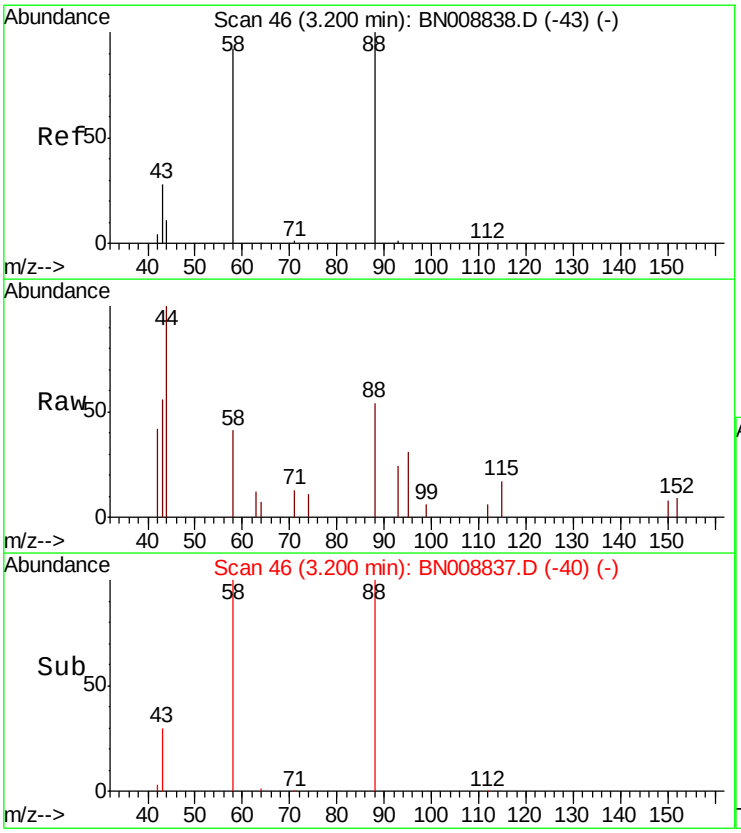
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3029

Ion	Ratio	Lower	Upper
152	100		
150	149.6	123.9	185.9
115	62.2	49.9	74.9

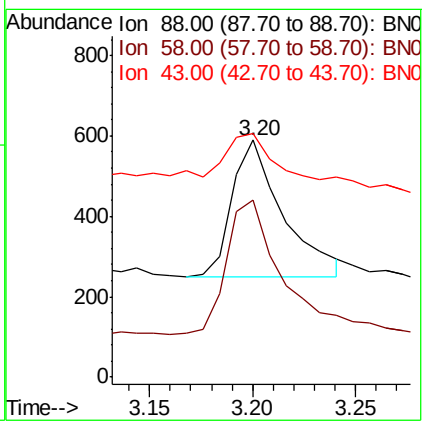


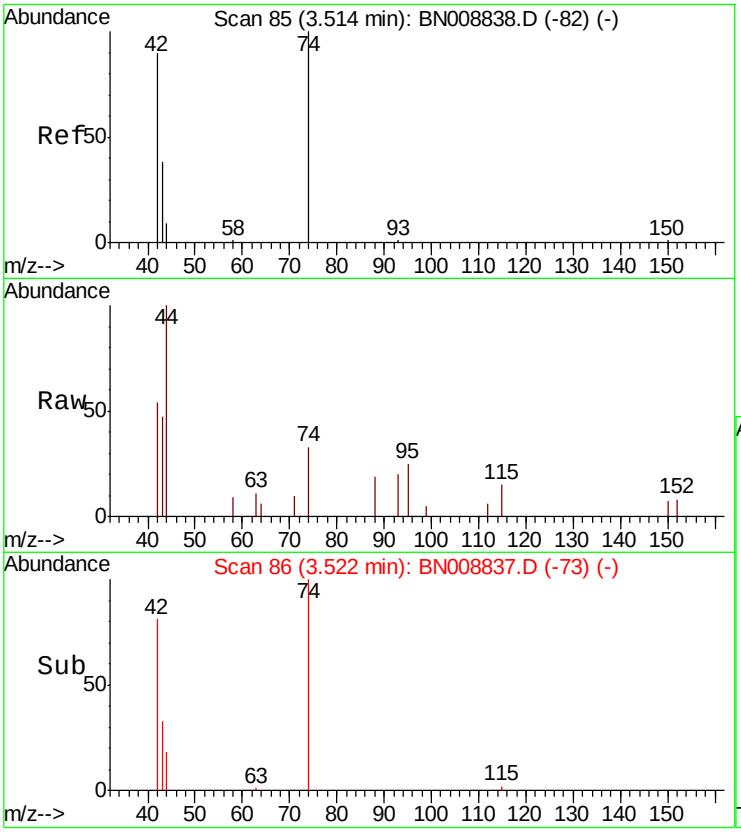


#2
1,4-Dioxane
Concen: 0.172 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion: 88 Resp: 582

Ion	Ratio	Lower	Upper
88	100		
58	102.2	0.0	0.0#
43	28.4	0.0	0.0#



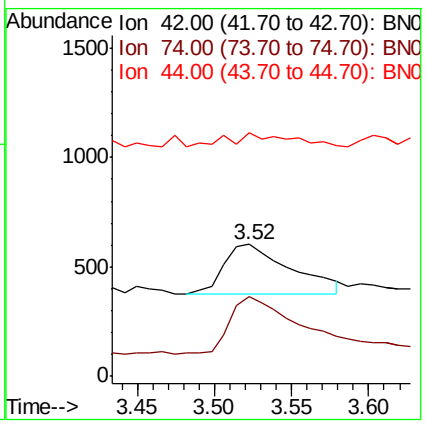


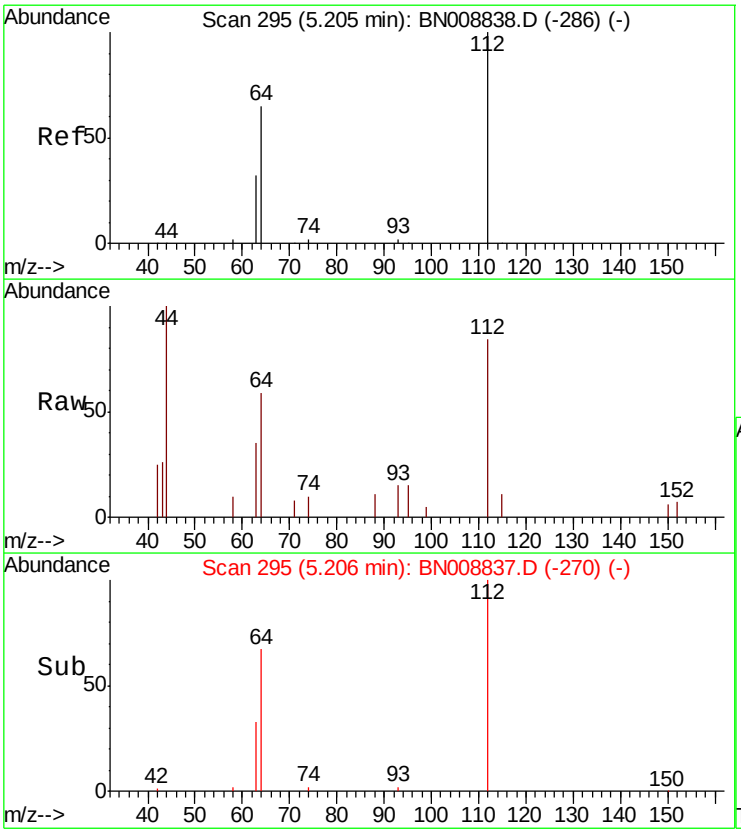
#3
n-Nitrosodimethylamine
Concen: 0.438 ng
RT: 3.52 min Scan# 86
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 678

Ion	Ratio	Lower	Upper
42	100		
74	115.8	0.0	0.0#
44	21.4	0.0	0.0#

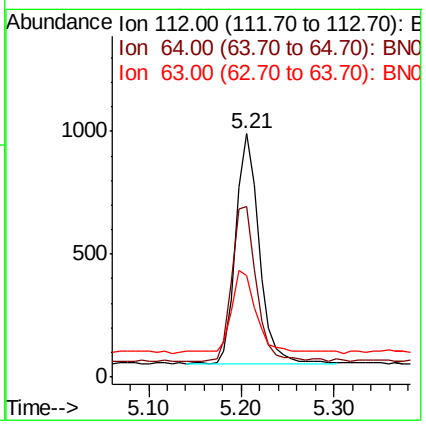


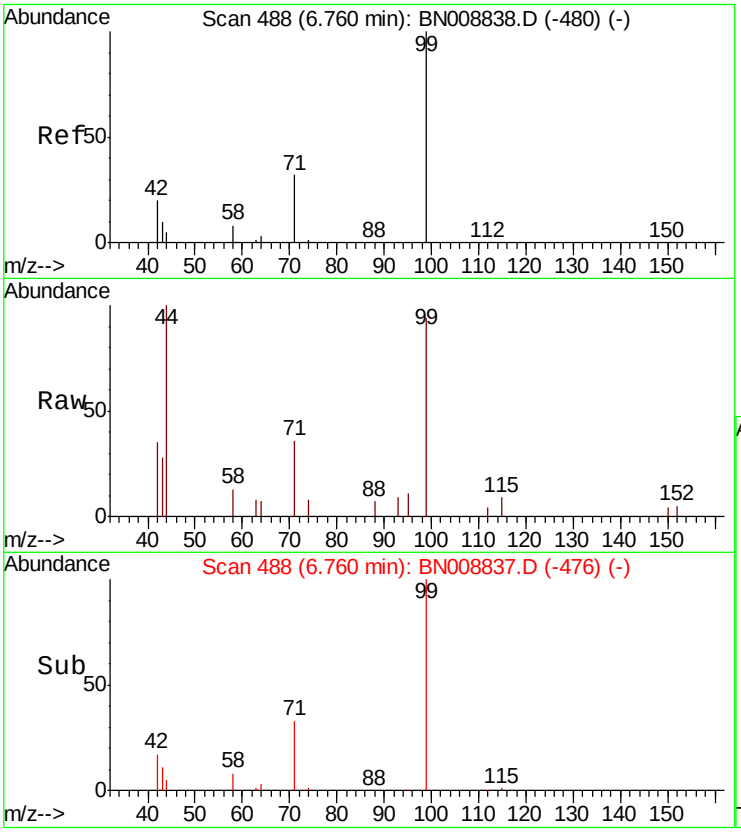


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:112 Resp: 1618

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	40.8	28.2	42.2



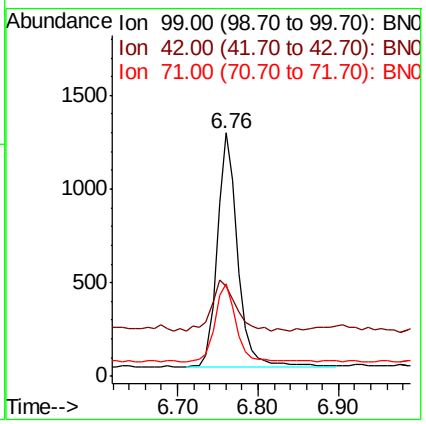


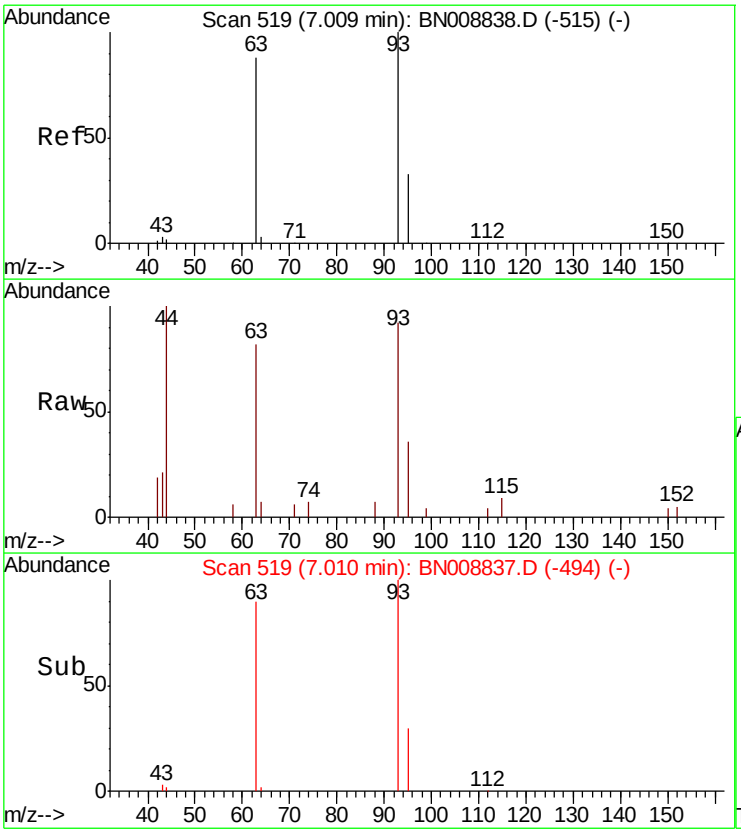
#5
Phenol-d6
Concen: 0.145 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2159

Ion	Ratio	Lower	Upper
99	100		
42	27.3	18.1	27.1#
71	34.0	26.6	40.0

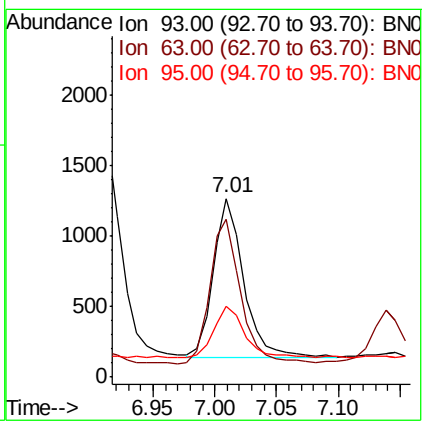


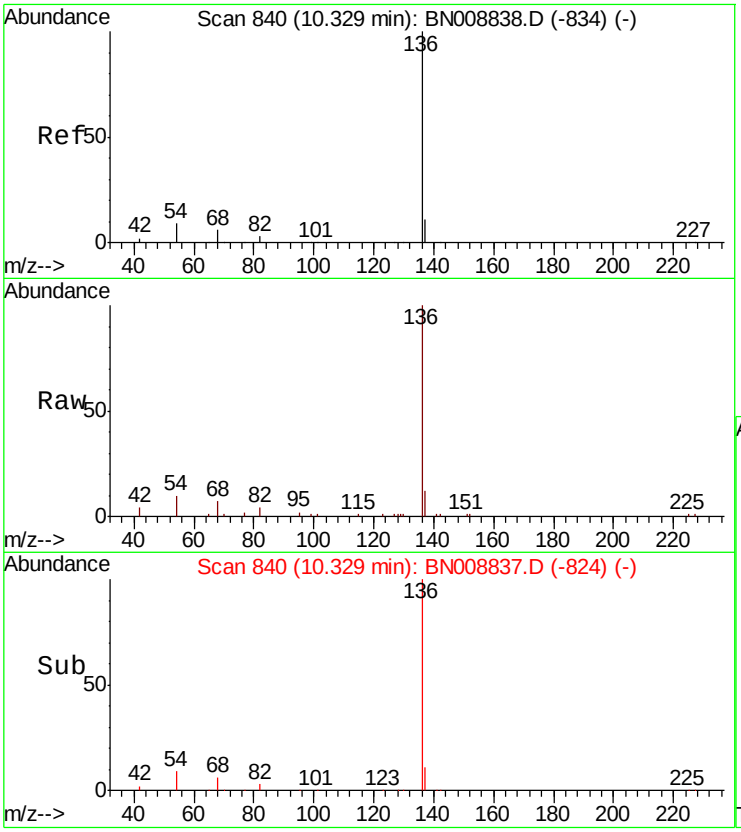


#6
bis(2-Chloroethyl)ether
Concen: 0.225 ng
RT: 7.01 min Scan# 519
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion: 93 Resp: 1931

Ion	Ratio	Lower	Upper
93	100		
63	93.3	72.1	108.1
95	34.5	25.7	38.5



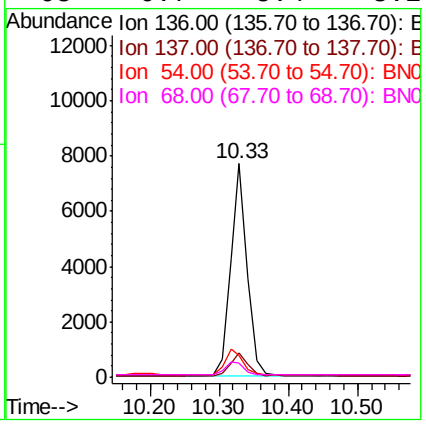


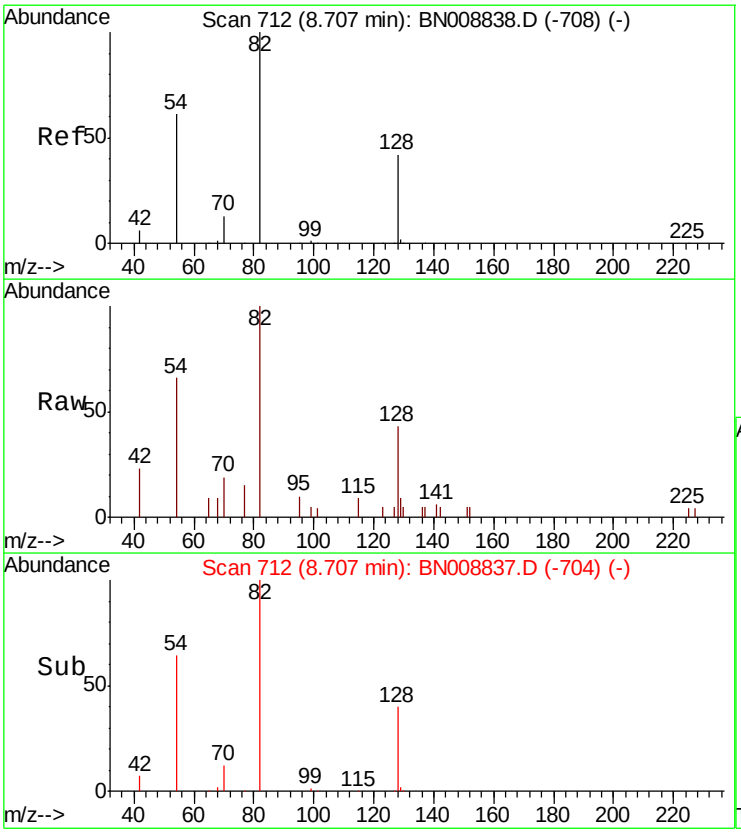
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12760

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.3	8.2	12.2
68	6.7	5.4	8.2

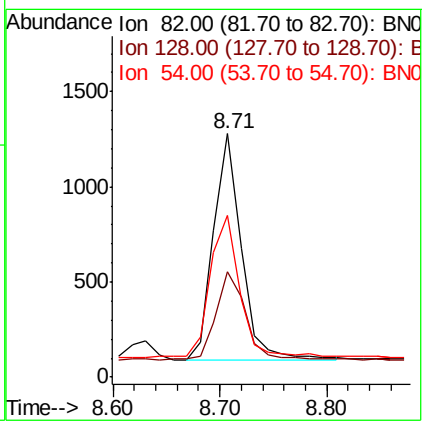


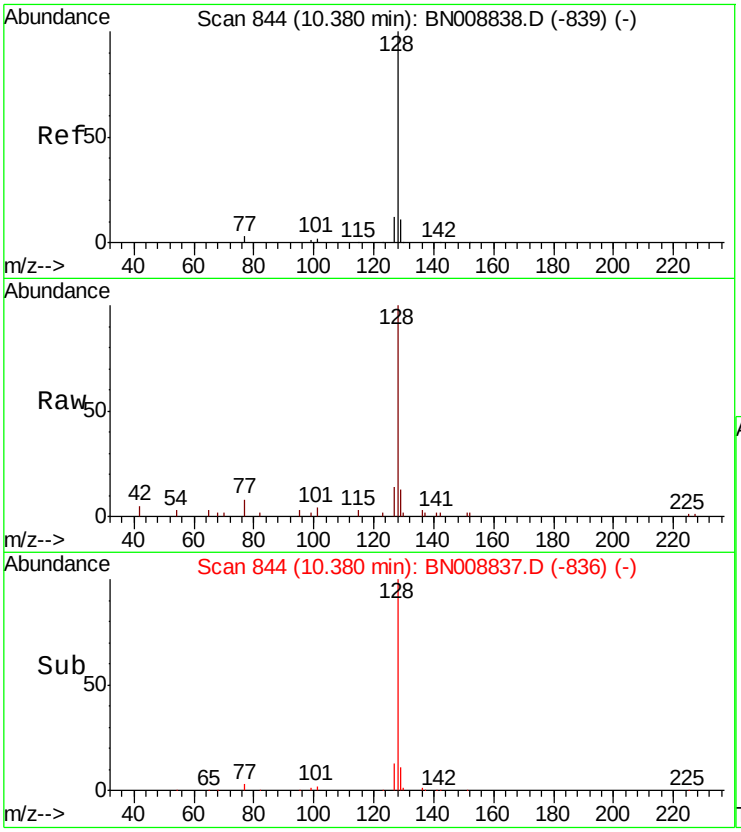


#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion: 82 Resp: 2166

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.6
54	66.4	50.2	75.2



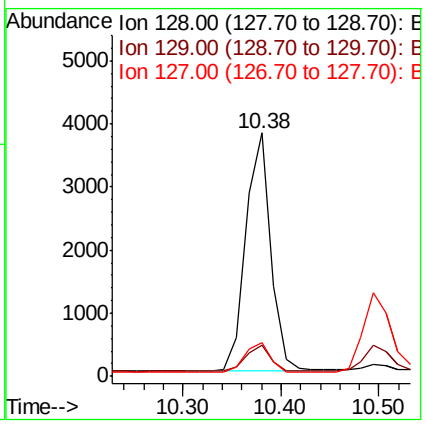


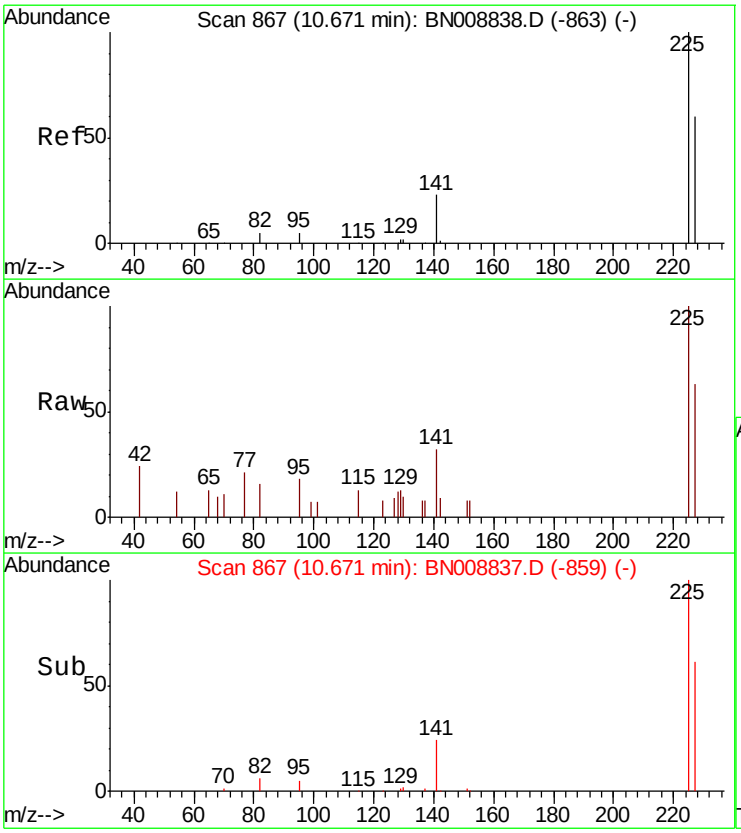
#9
Naphthalene
Concen: 0.186 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6678

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.3	13.9
127	13.8	10.5	15.7

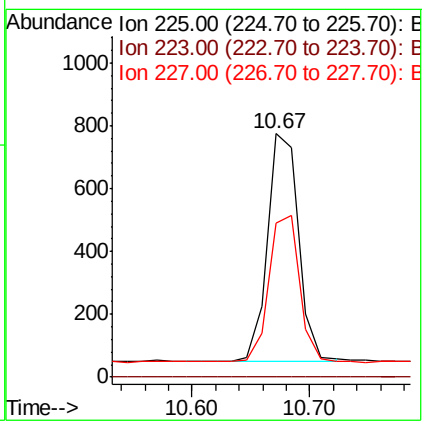


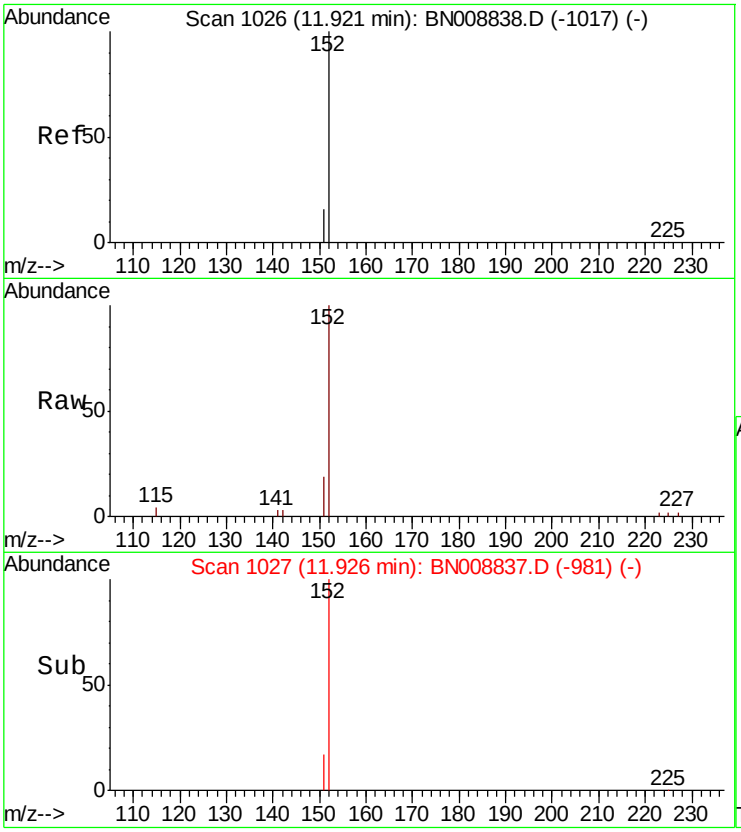


#10
Hexachlorobutadiene
Concen: 0.177 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:225 Resp: 1338

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



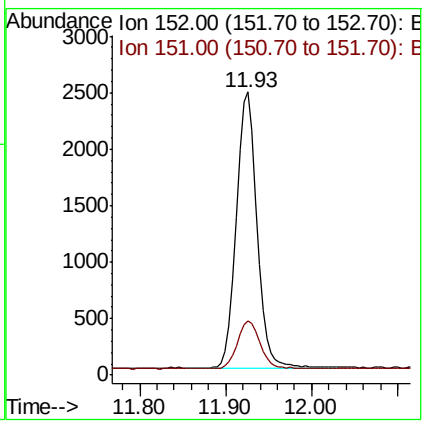


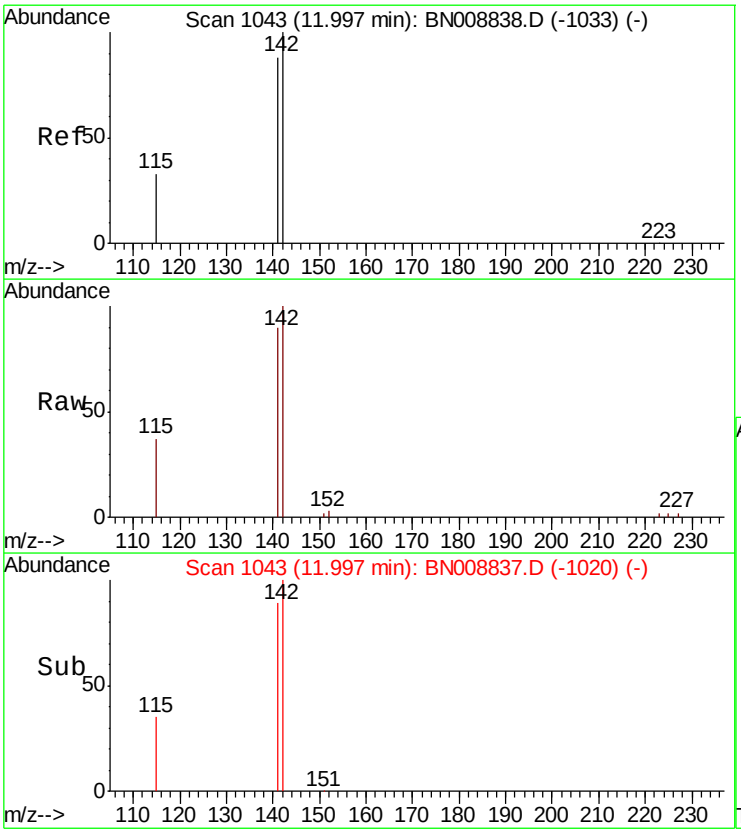
#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4098

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.2	22.8

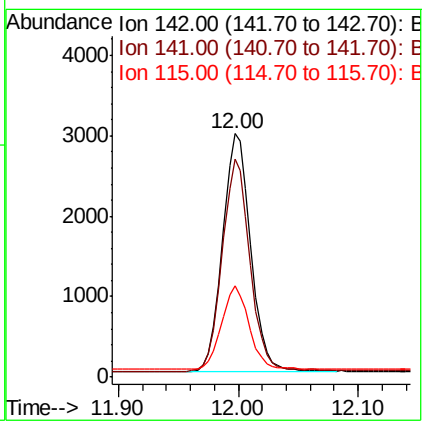


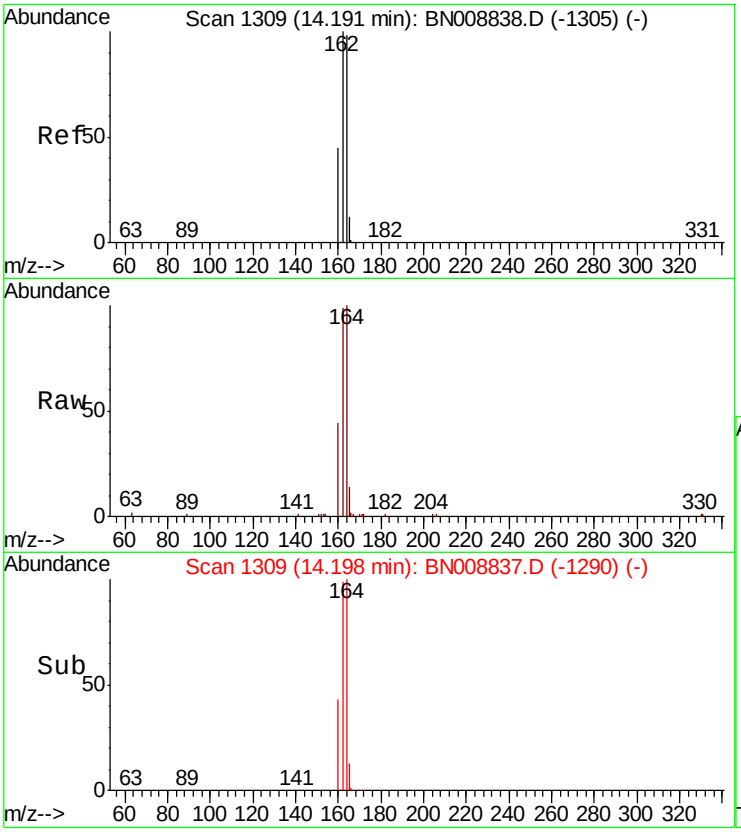


#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:142 Resp: 4845

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.4
115	37.3	27.6	41.4



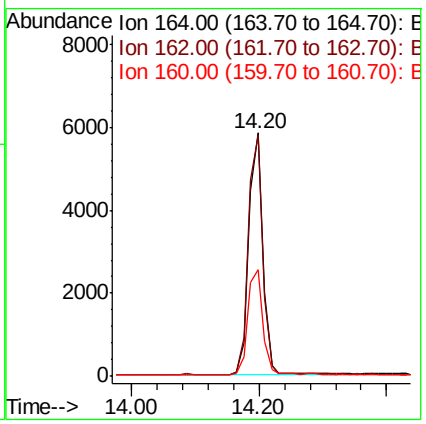


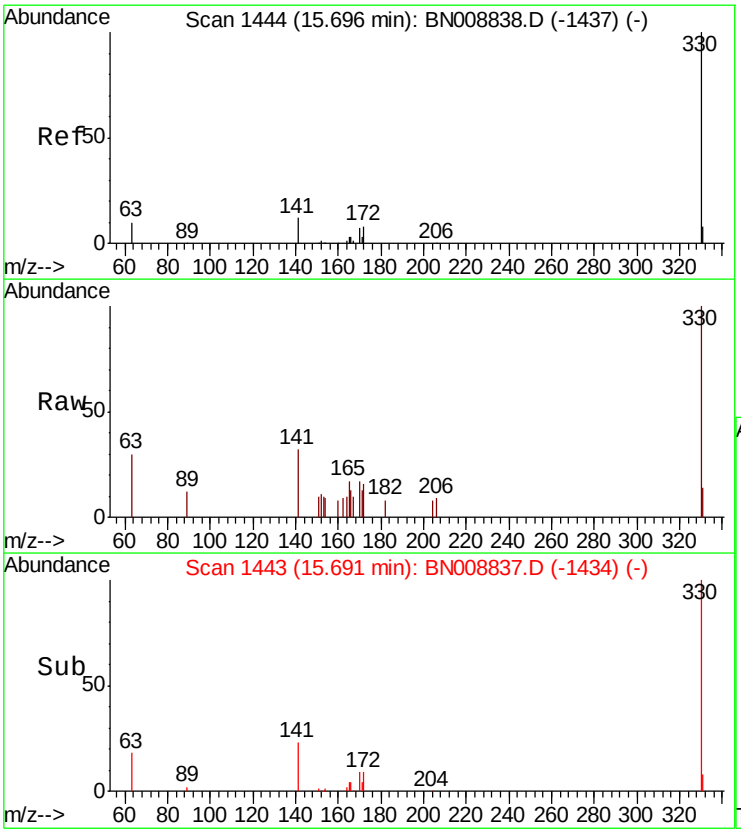
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8882

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.9	122.9
160	43.9	37.4	56.2

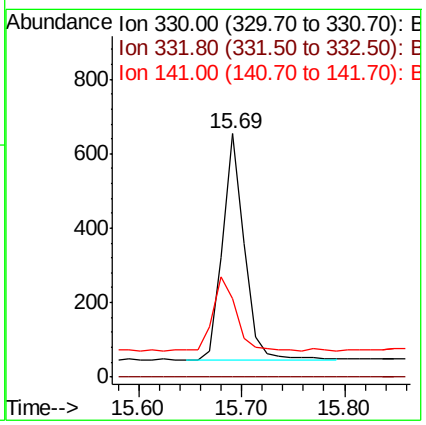


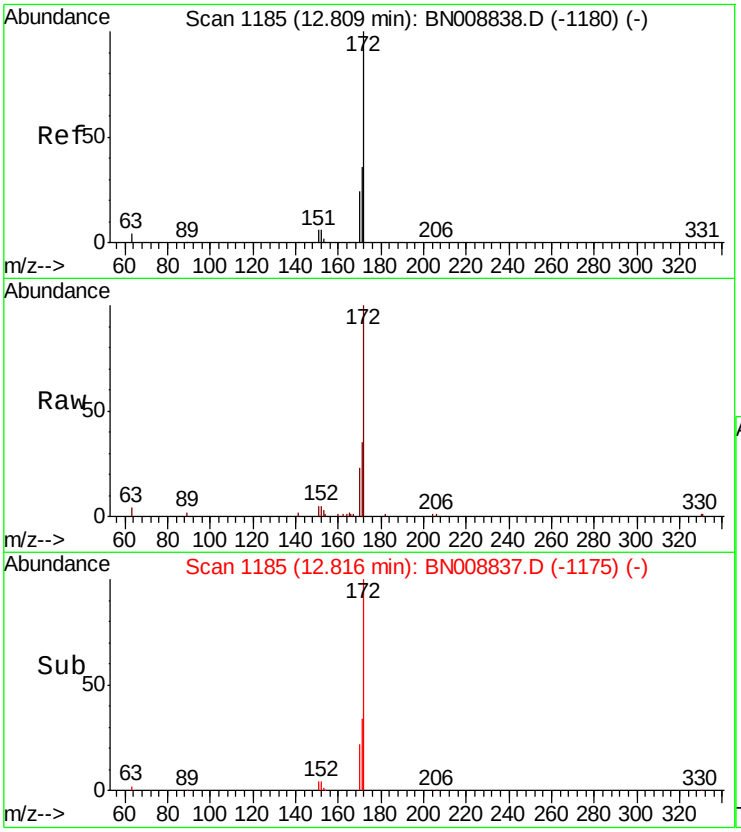


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.69 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:330 Resp: 887

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	26.2	39.4



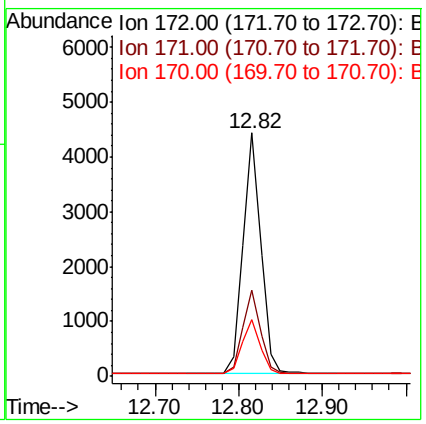


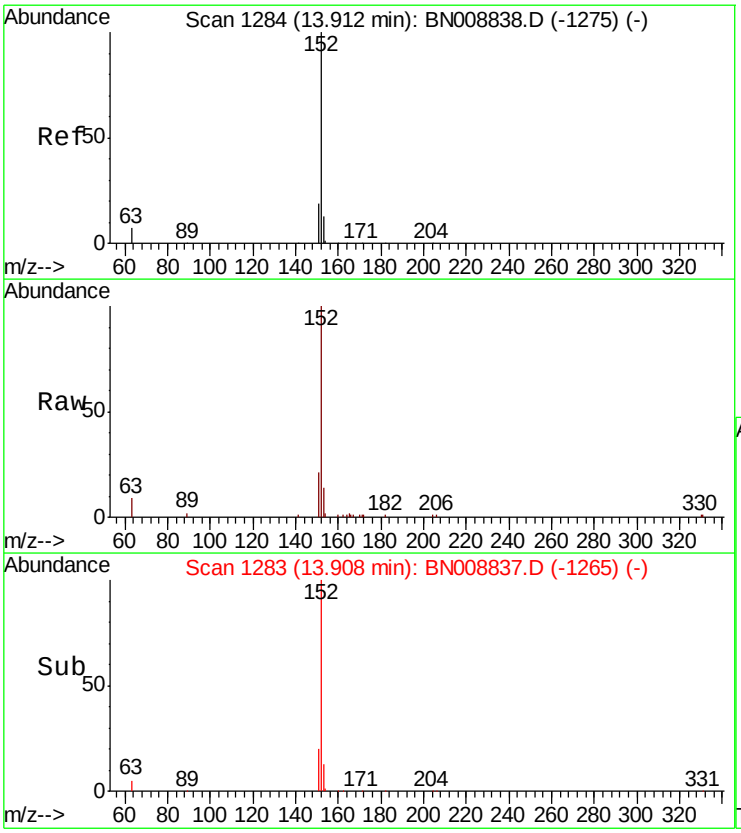
#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6503

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.2	19.7	29.5

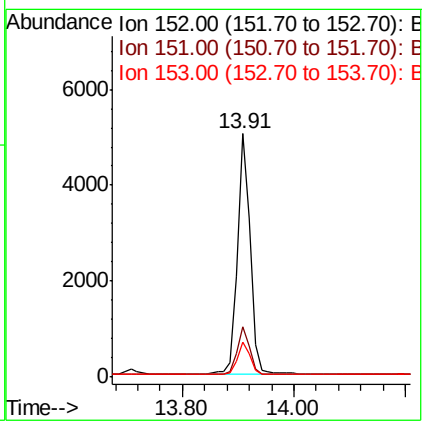


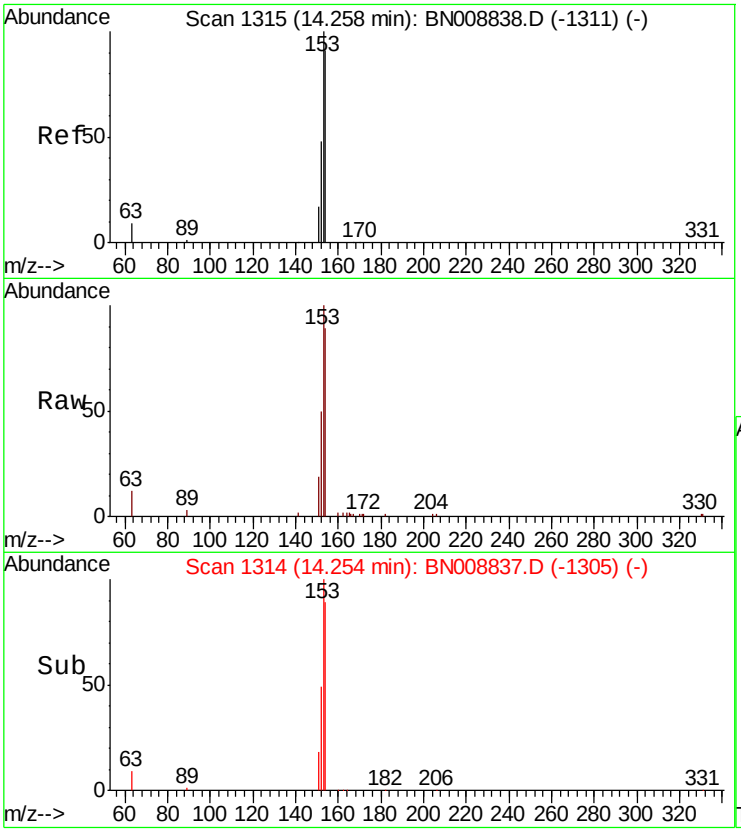


#16
Acenaphthylene
Concen: 0.165 ng
RT: 13.91 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:152 Resp: 7772

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.3	10.4	15.6



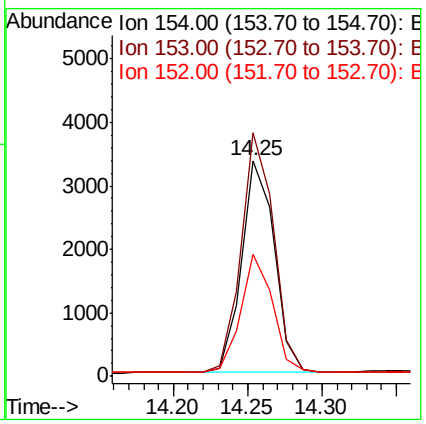


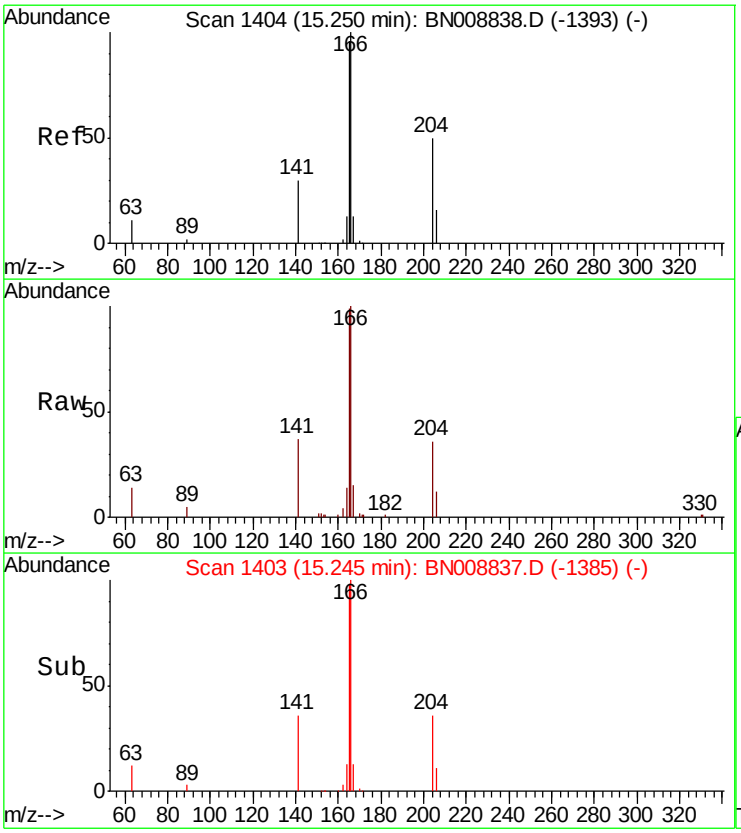
#17
Acenaphthene
Concen: 0.168 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5101

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.4	134.2
152	54.3	43.8	65.8

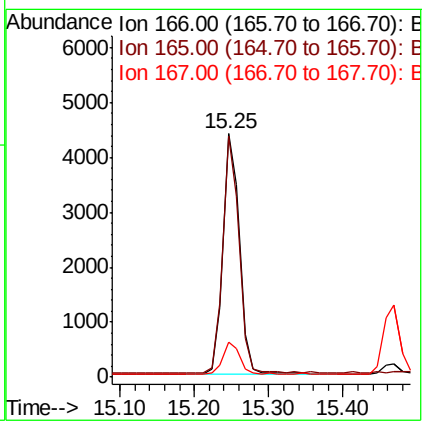


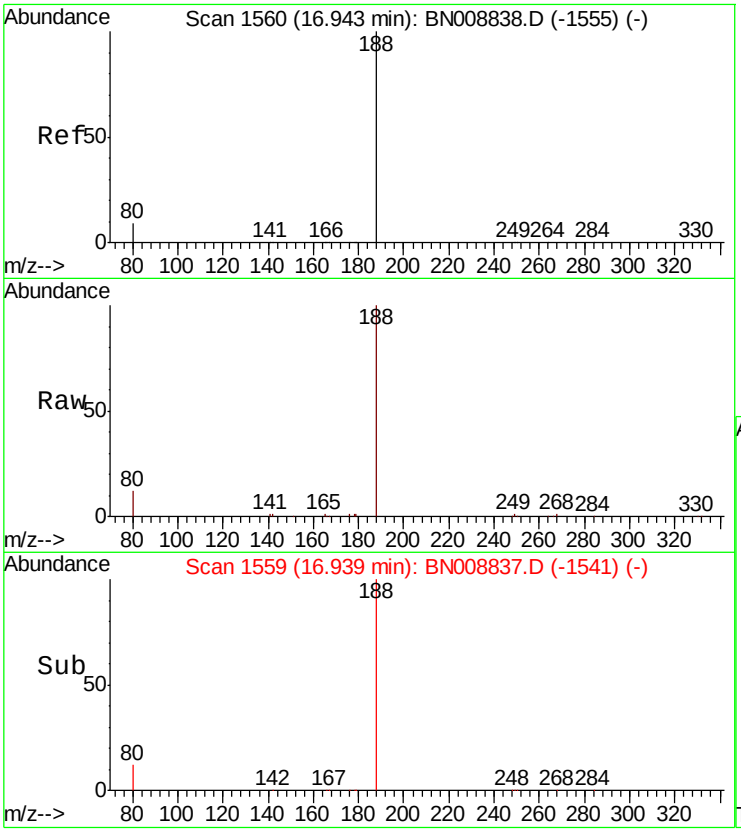


#18
Fluorene
Concen: 0.172 ng
RT: 15.25 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:166 Resp: 6699

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.0	115.6
167	13.8	10.8	16.2



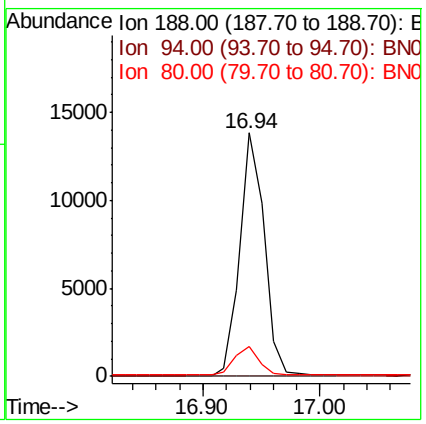


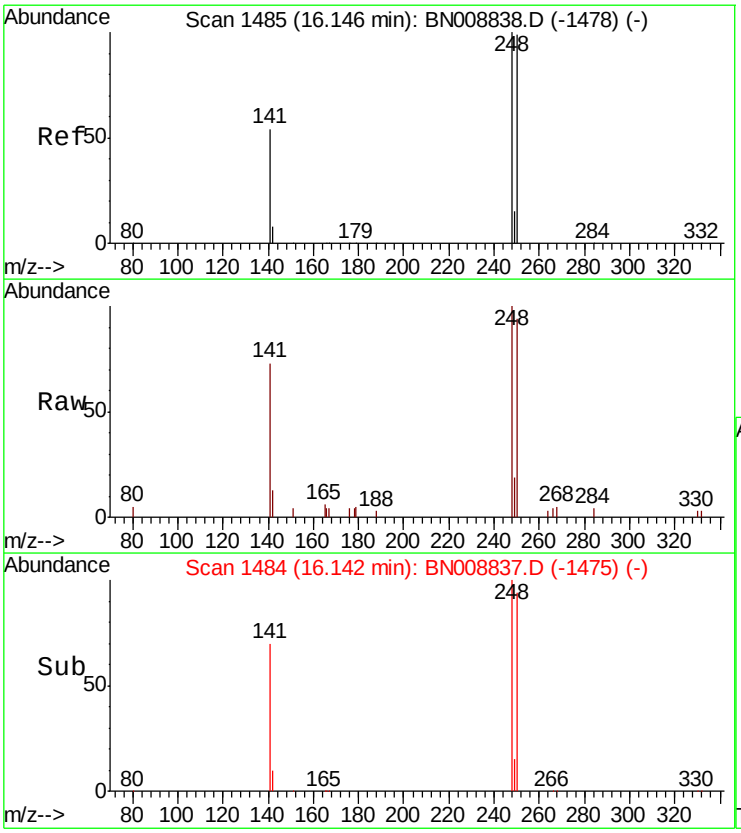
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19951

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	7.4	11.2#

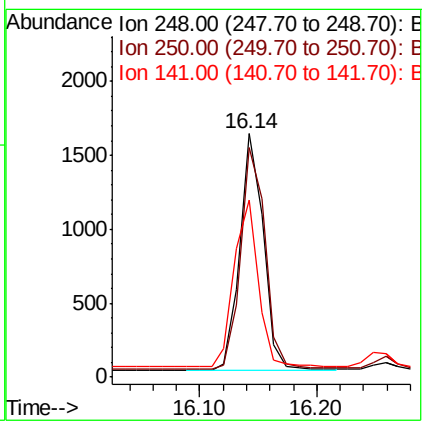


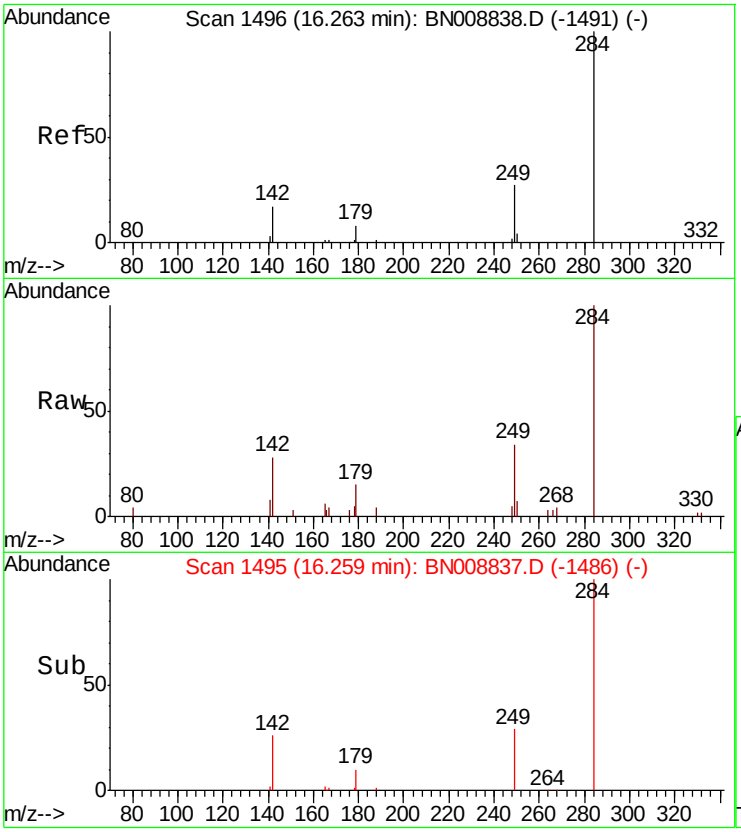


#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.14 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:248 Resp: 2221

Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.7	119.5
141	72.6	44.7	67.1#



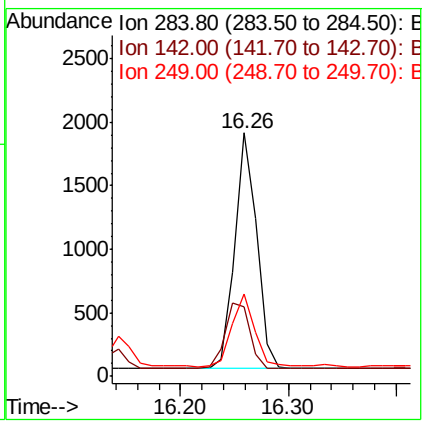


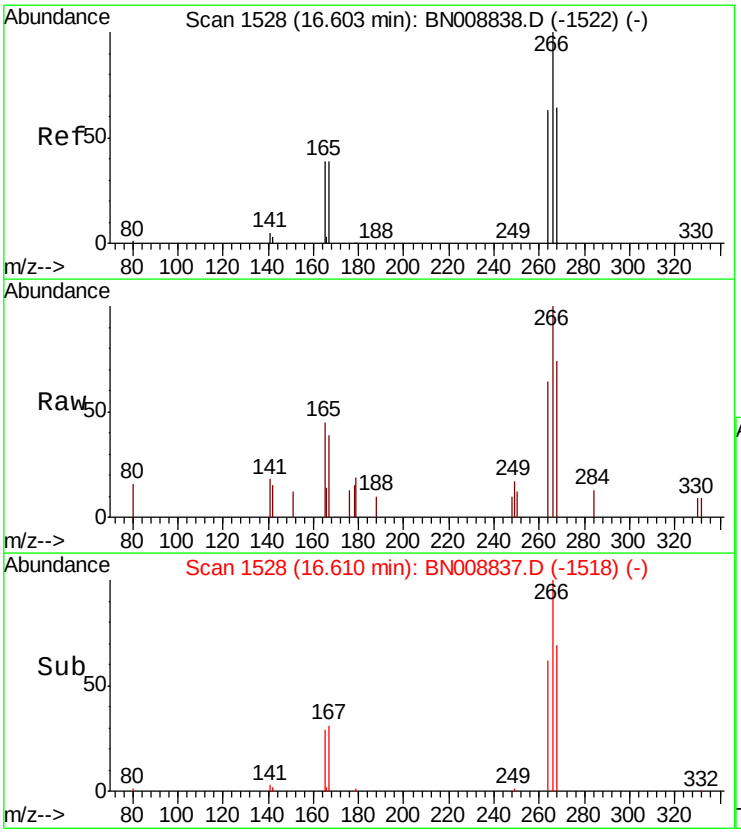
#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.26 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 2616

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.4	38.0
249	32.0	24.3	36.5

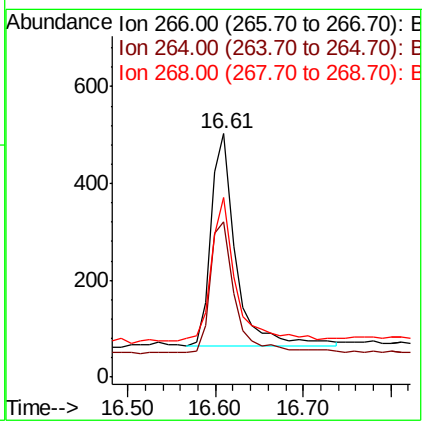


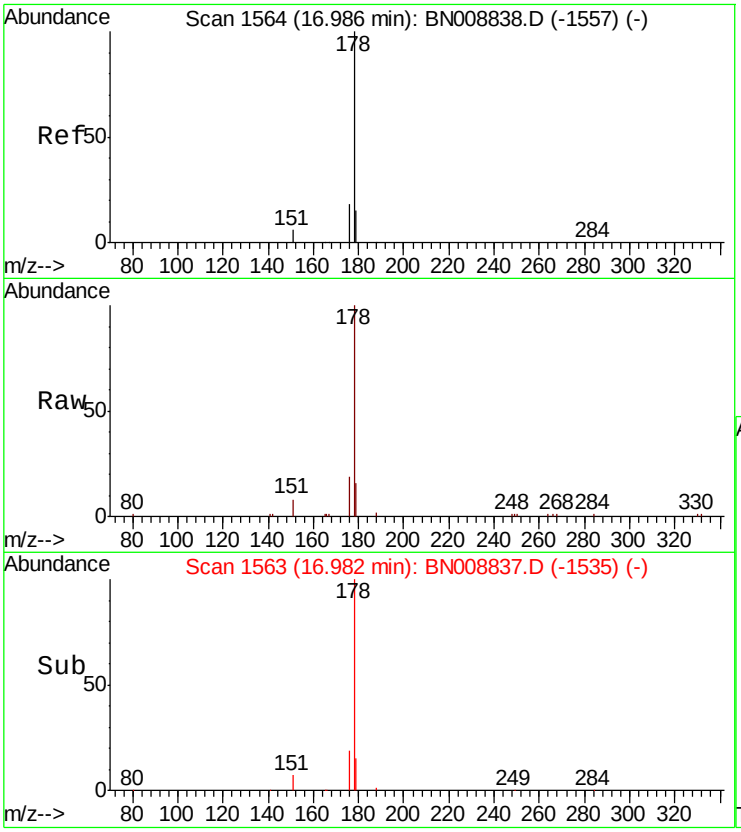


#22
Pentachlorophenol
Concen: 0.178 ng
RT: 16.61 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:266 Resp: 867

Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.0	76.4
268	73.6	53.7	80.5



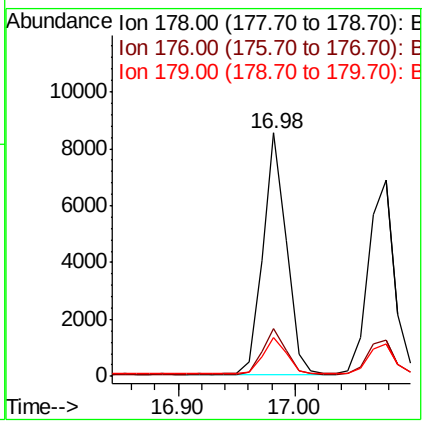


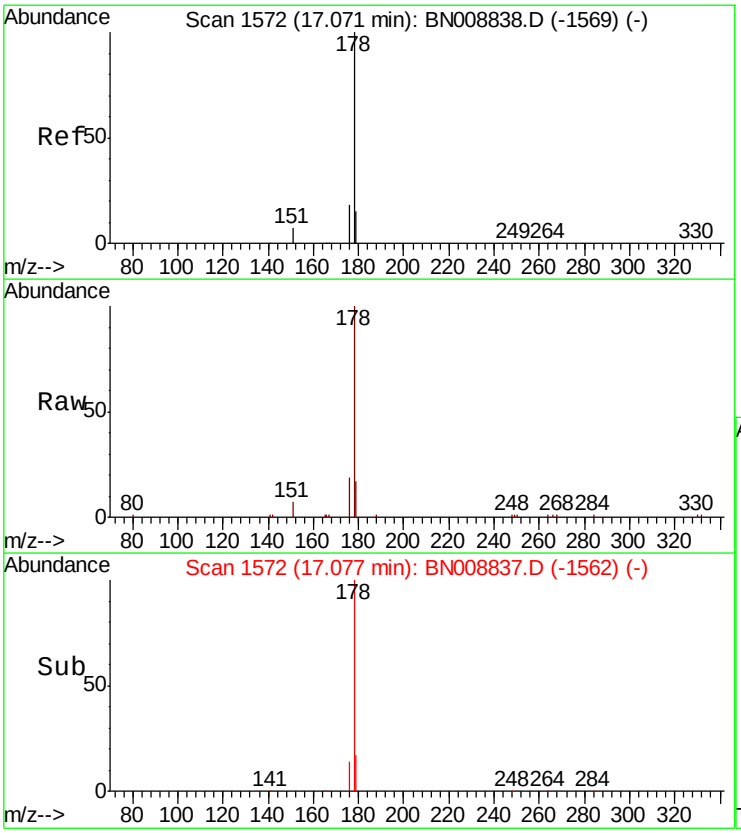
#23
Phenanthrene
Concen: 0.190 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11783

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.2	18.2

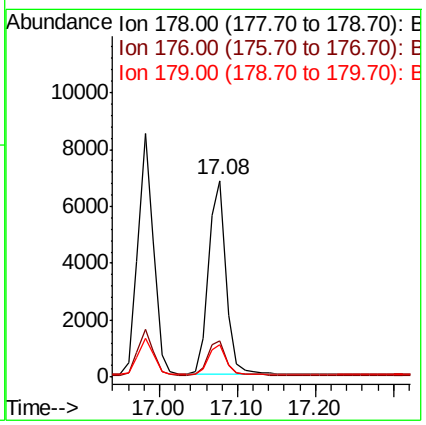


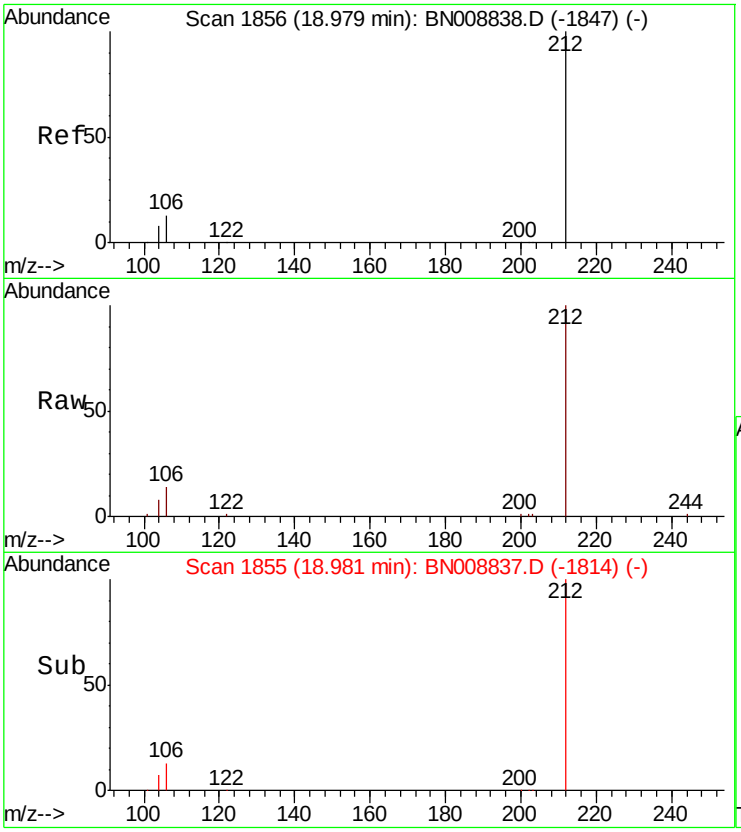


#24
Anthracene
Concen: 0.188 ng
RT: 17.08 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:178 Resp: 10533

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.1	12.2	18.2



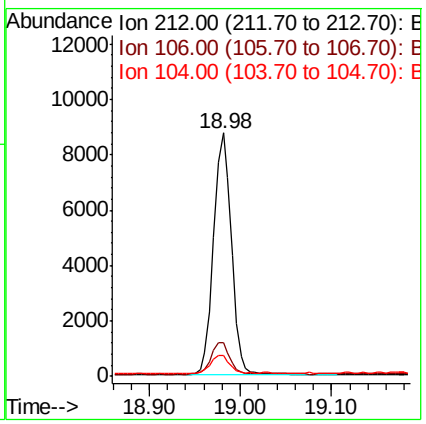


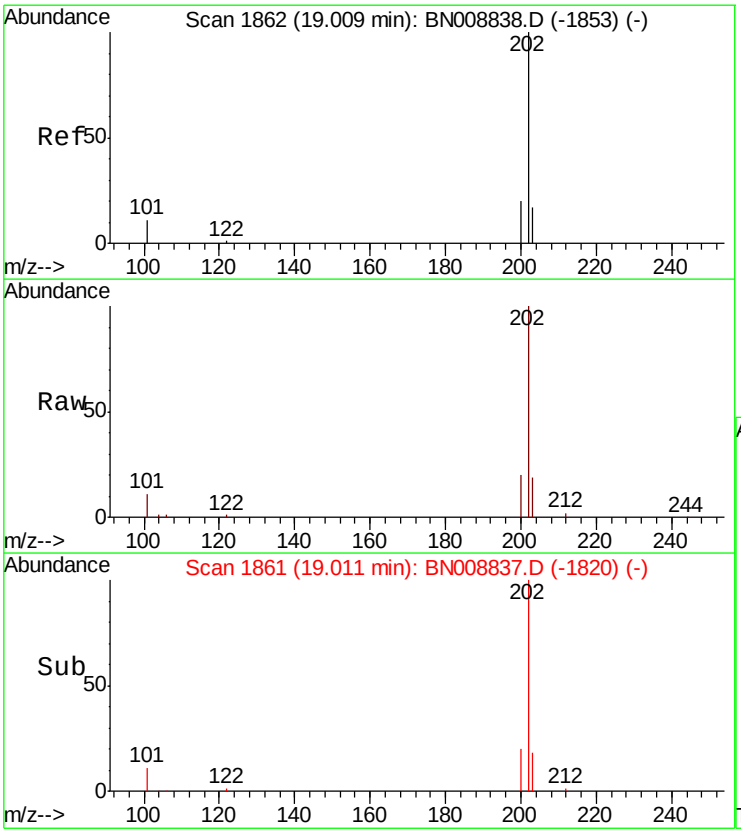
#25
Fluoranthene-d10
Concen: 0.175 ng
RT: 18.98 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11740

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.8	6.1	9.1

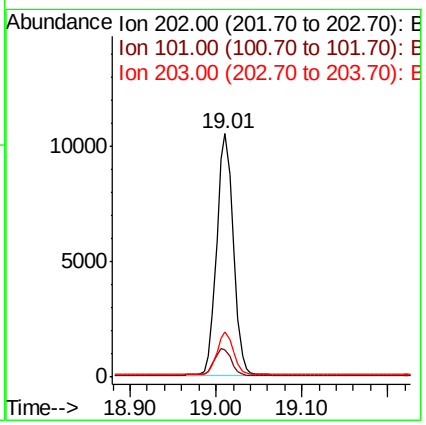


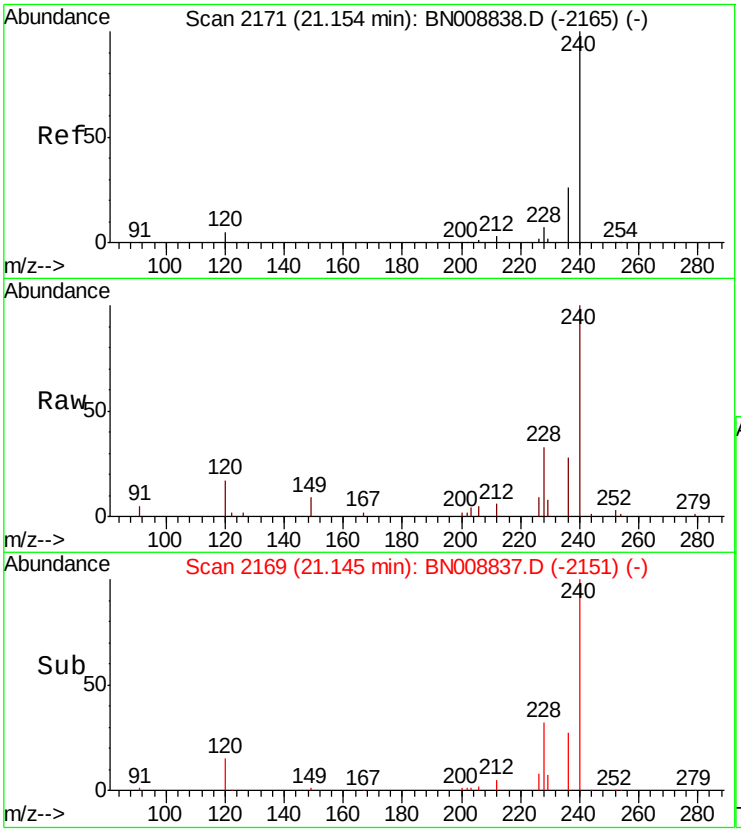


#26
Fluoranthene
Concen: 0.183 ng
RT: 19.01 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:202 Resp: 14166

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
203	17.6	13.7	20.5



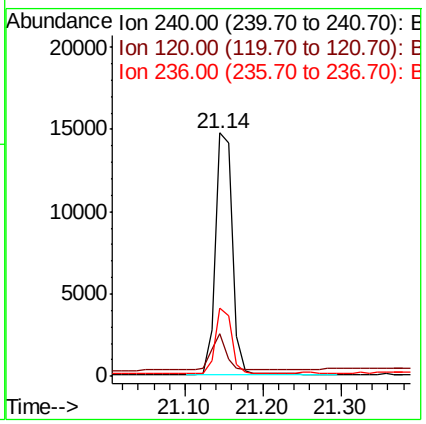


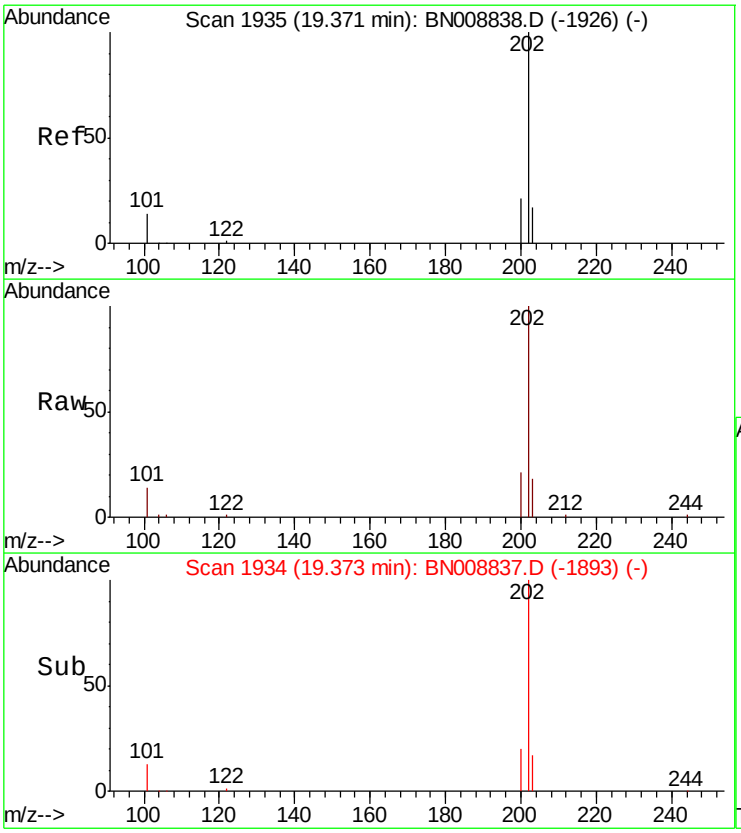
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21996

Ion	Ratio	Lower	Upper
240	100		
120	17.4	6.0	9.0#
236	28.0	21.4	32.0

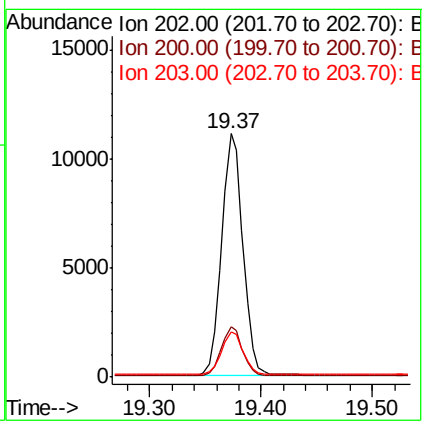


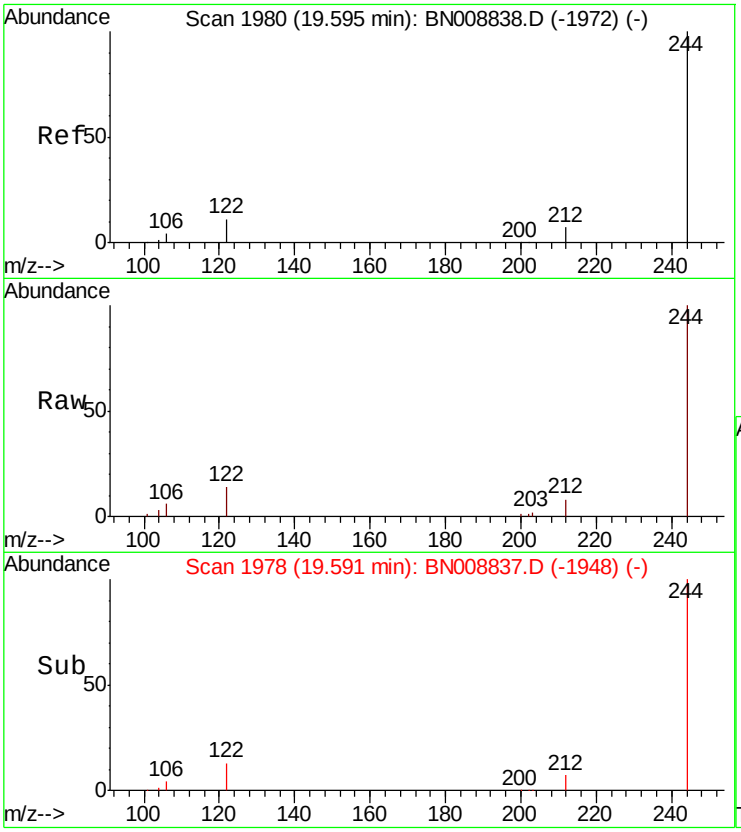


#28
Pyrene
Concen: 0.196 ng
RT: 19.37 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:202 Resp: 14720

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.0	14.2	21.2



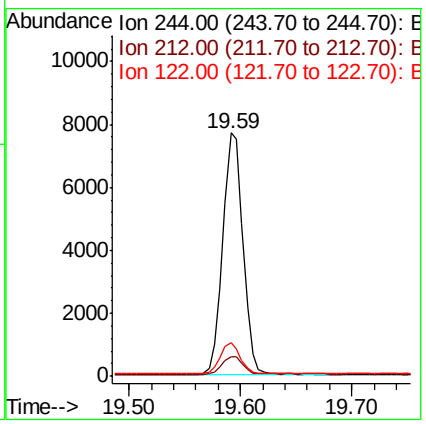


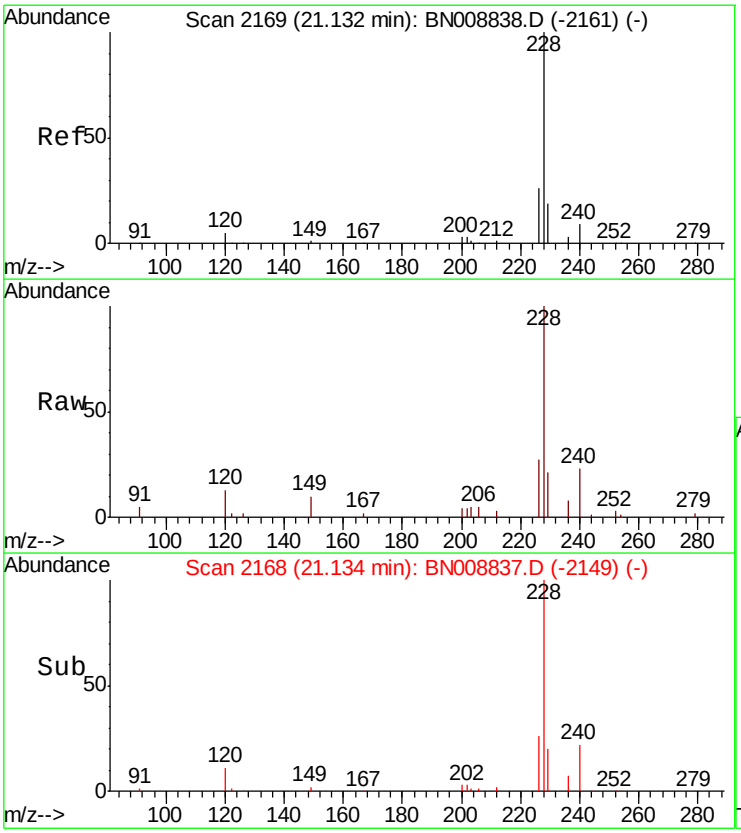
#29
Terphenyl-d14
Concen: 0.180 ng
RT: 19.59 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9725

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.9	8.9	13.3#

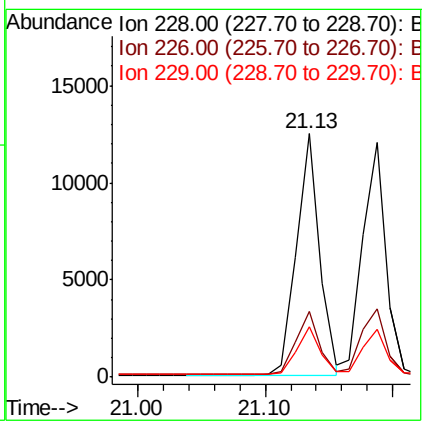


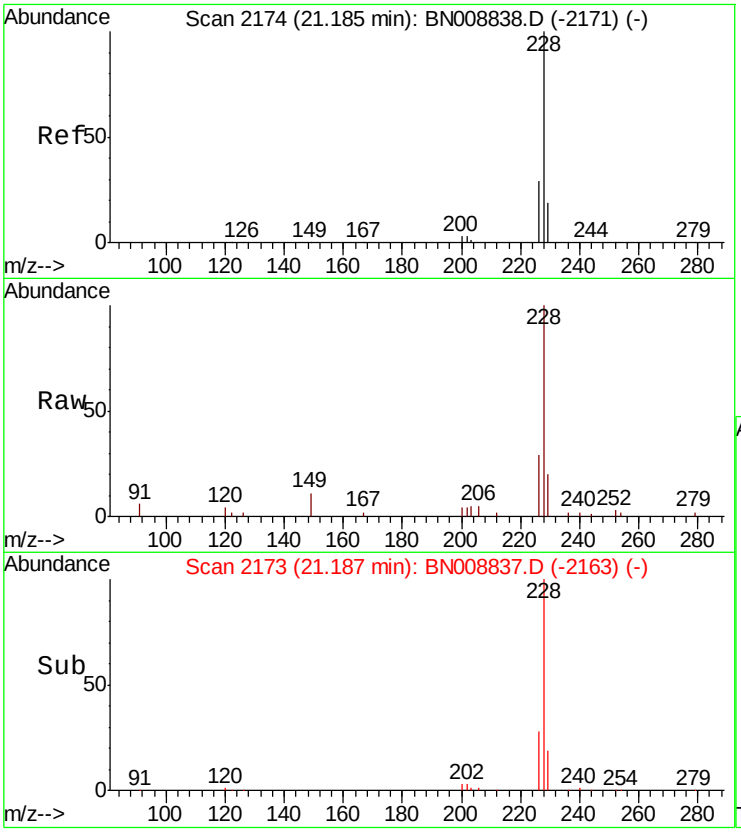


#30
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:228 Resp: 15403

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.8	31.2
229	20.8	15.9	23.9



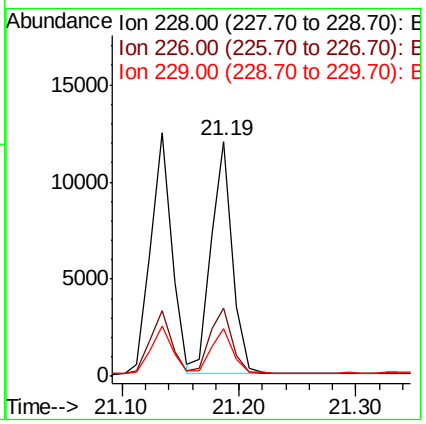


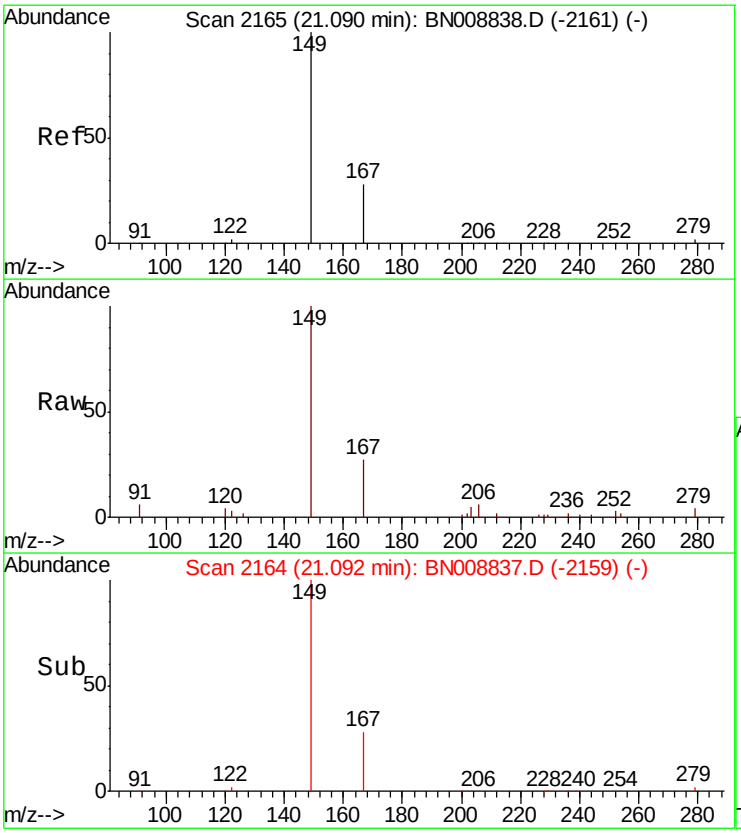
#31
Chrysene
Concen: 0.193 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 15219

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	20.5	15.8	23.8

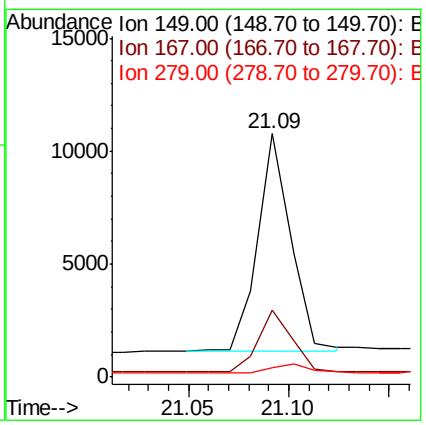


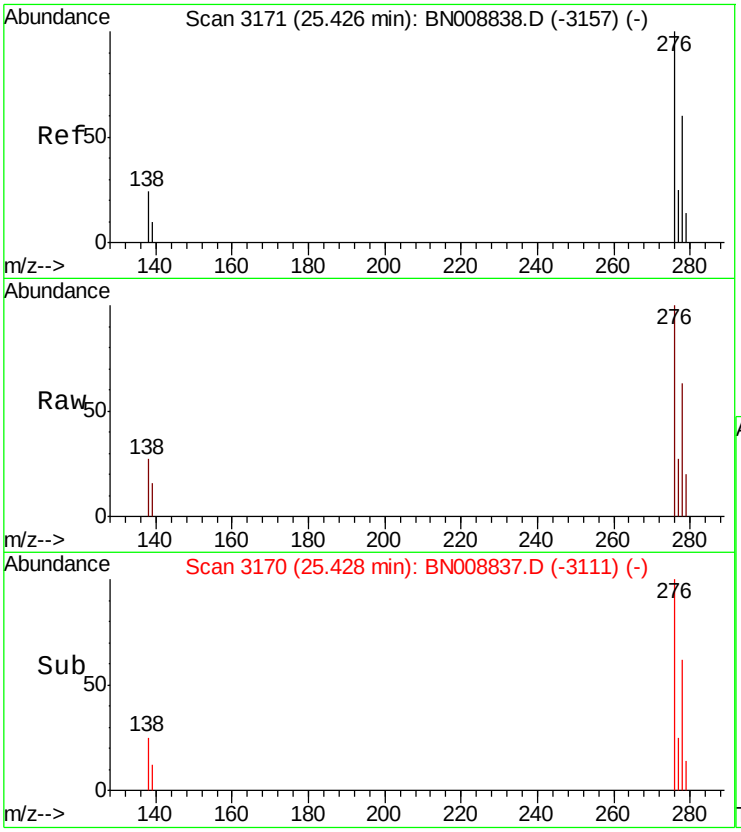


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.263 ng
RT: 21.09 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:149 Resp: 10953

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.1	34.7
279	4.3	3.4	5.2



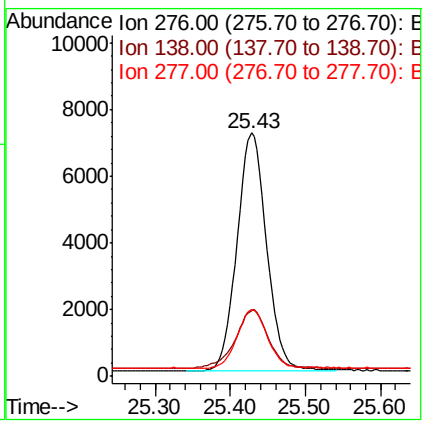


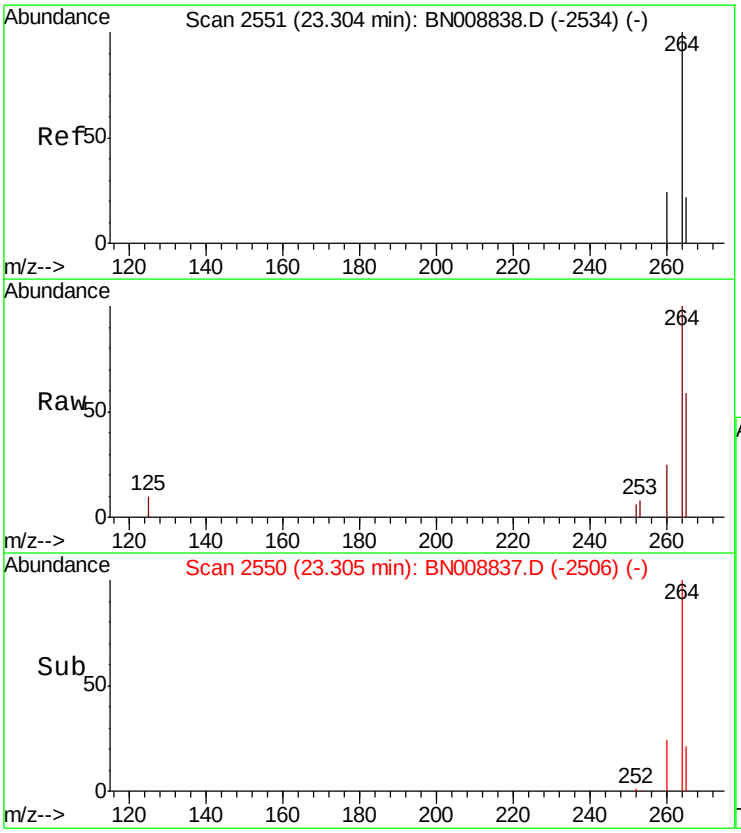
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng
RT: 25.43 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 18987

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.2	30.2
277	24.8	19.8	29.6

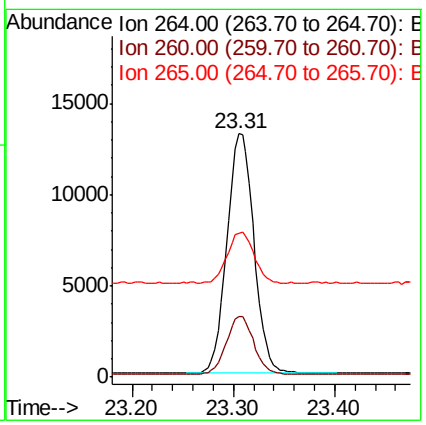


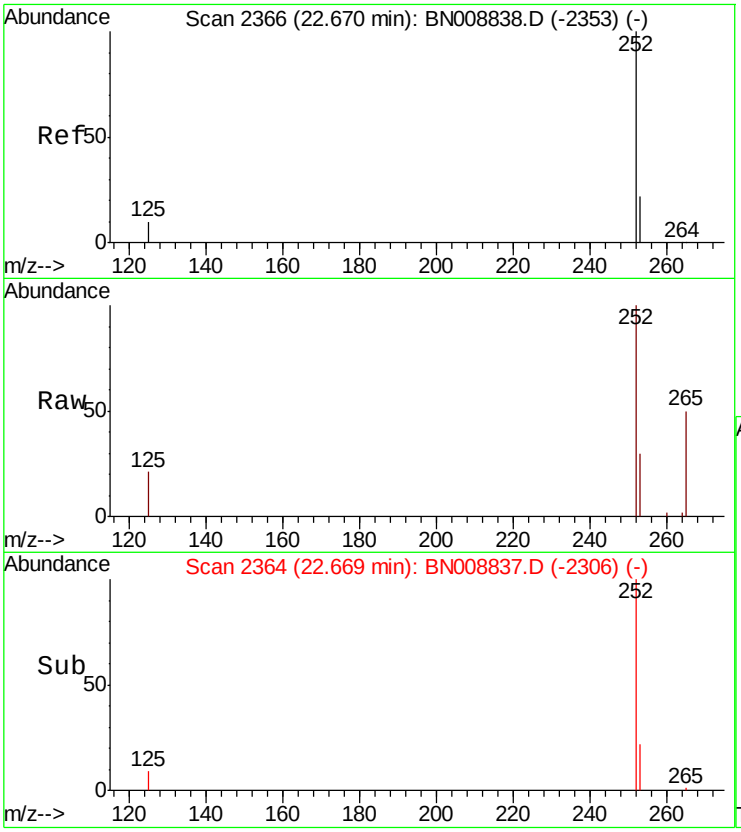


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:264 Resp: 24435

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	59.3	46.8	70.2



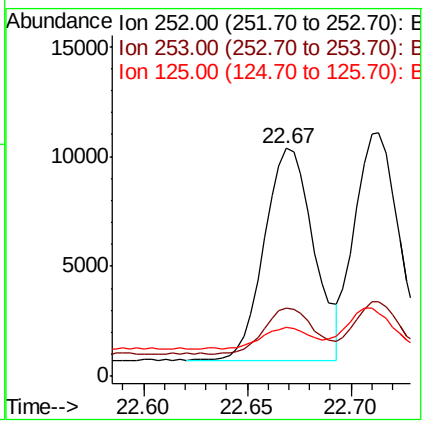


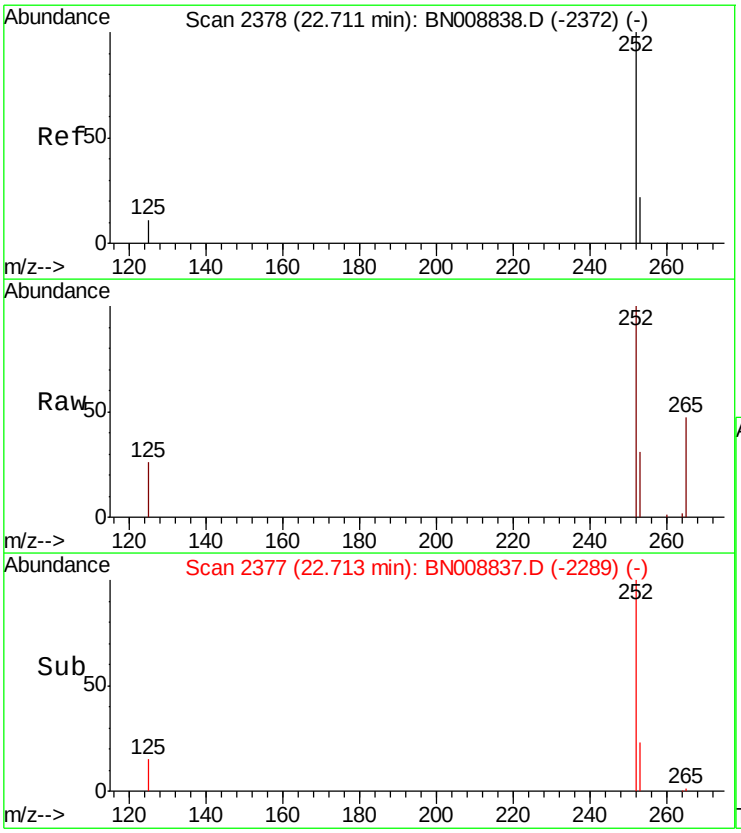
#35
Benzo(b)fluoranthene
Concen: 0.187 ng
RT: 22.67 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15884

Ion	Ratio	Lower	Upper
252	100		
253	30.2	20.6	31.0
125	21.2	12.3	18.5#

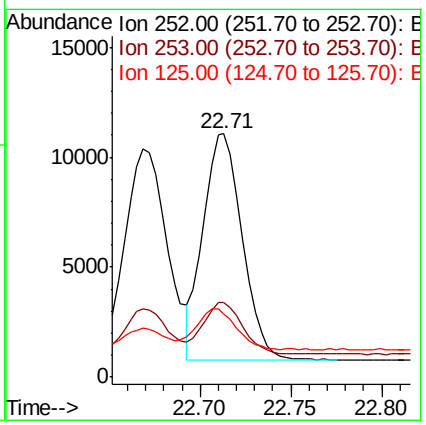


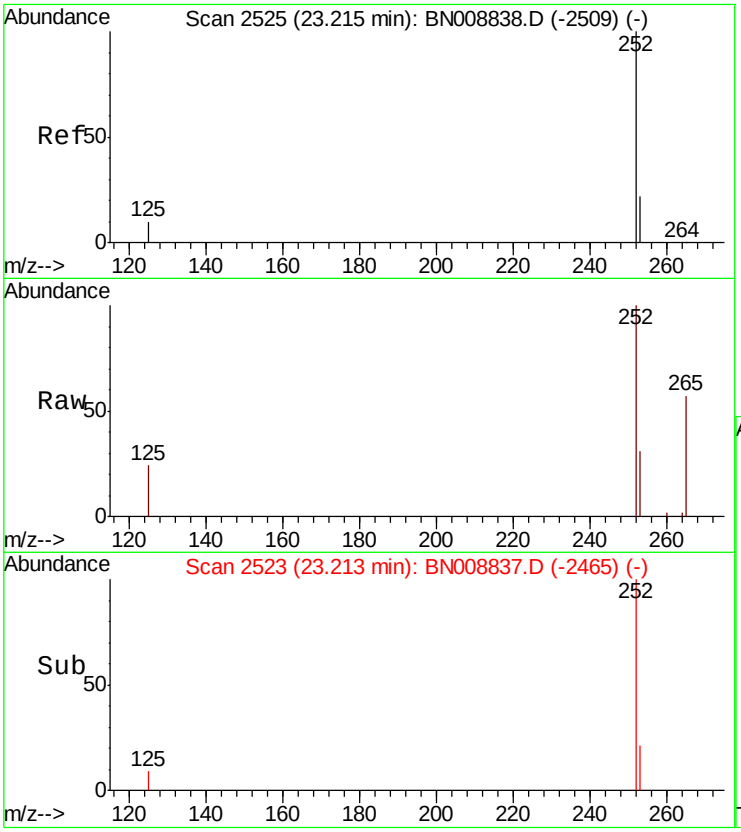


#36
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 22.71 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:252 Resp: 15486

Ion	Ratio	Lower	Upper
252	100		
253	30.7	21.0	31.4
125	25.9	13.5	20.3#



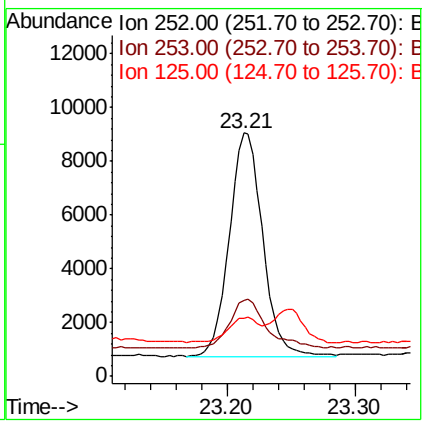


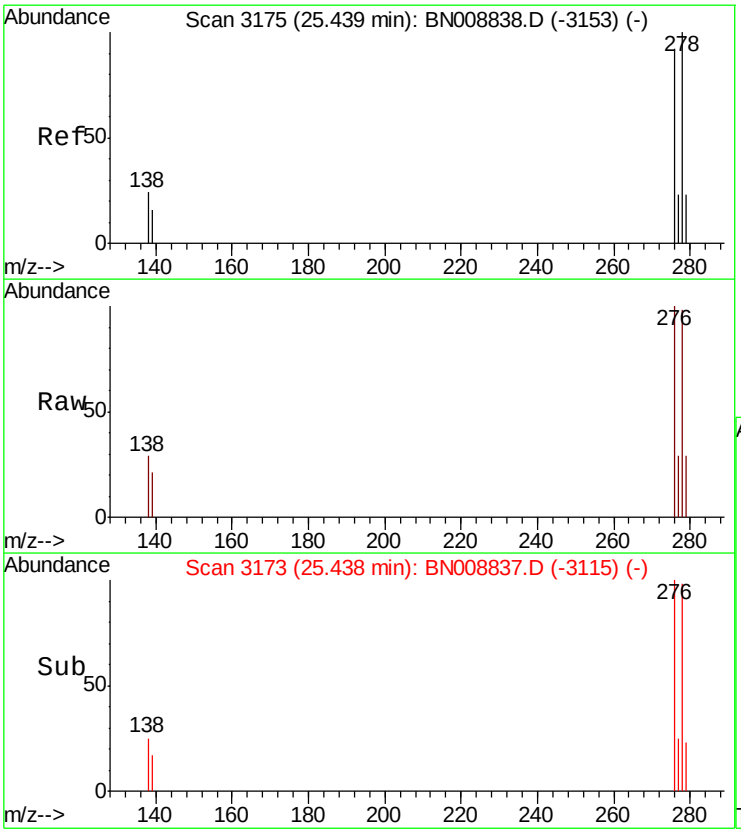
#37
Benzo(a)pyrene
Concen: 0.188 ng
RT: 23.21 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14976

Ion	Ratio	Lower	Upper
252	100		
253	31.1	21.4	32.2
125	23.6	13.7	20.5#

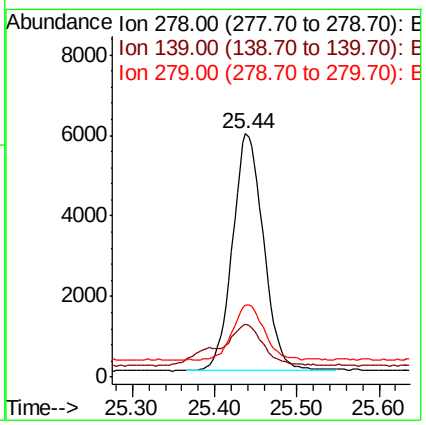


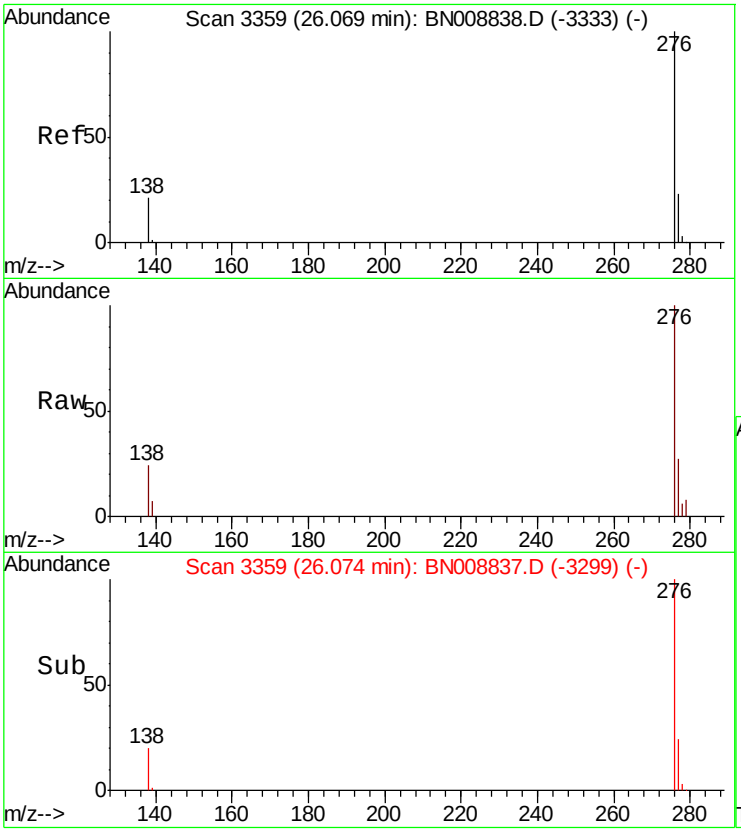


#38
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 25.44 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:278 Resp: 15374

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.3	22.9
279	29.4	21.2	31.8





#39
Benzo(g,h,i)perylene
Concen: 0.192 ng
RT: 26.07 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 15458

Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.1	30.1
138	24.4	18.6	27.8