Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
Data File : BN007499.D
Acq On : 29 Aug 2019 12:32
Operator : HP/JU
Sample : K4515-02DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S302B-J-1.5-2.0-082319DL

Quant Time: Aug 29 13:05:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7906	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	35002	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	20696	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	47717	0.40	ng		0.00
27) Chrysene-d12	21.02	240	70839	0.40	ng		0.00
34) Perylene-d12	23.12	264	76303	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	3765	0.12	ng		0.00
5) Phenol-d6	6.59	99	5327	0.13	ng		0.00
8) Nitrobenzene-d5	8.53	82	3992	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	7071	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	1975	0.18	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	9398	0.11	ng		0.00
25) Fluoranthene-d10	18.84	212	14844	0.10	ng		0.00
29) Terphenyl-d14	19.46	244	362071	1.95	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	3129	0.031	ng	#	91
12) 2-Methylnaphthalene	11.82	142	1719	0.025	ng	#	95
16) Acenaphthylene	13.76	152	2821	0.023	ng	#	91
17) Acenaphthene	14.10	154	14169	0.198	ng		97
18) Fluorene	15.09	166	14828	0.164	ng		99
22) Pentachlorophenol	16.46	266	388	0.039	ng	#	75
23) Phenanthrene	16.84	178	279360	1.946	ng		99
24) Anthracene	16.92	178	79381	0.550	ng	#	95
26) Fluoranthene	18.87	202	737497	4.002	ng		98
28) Pyrene	19.23	202	615213	2.159	ng	#	94
30) Benzo(a)anthracene	20.99	228	432720	1.555	ng		99
31) Chrysene	21.05	228	336482	1.253	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	83481	0.445	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	152912	0.473	ng		98
35) Benzo(b)fluoranthene	22.54	252	254117	0.919	ng		98
36) Benzo(k)fluoranthene	22.54	252	263703	0.965	ng		99
37) Benzo(a)pyrene	22.94	252	132030	0.502	ng		99
38) Dibenzo(a,h)anthracene	25.19	278	64168	0.244	ng		96
39) Benzo(g,h,i)perylene	25.81	276	136156	0.521	ng		99

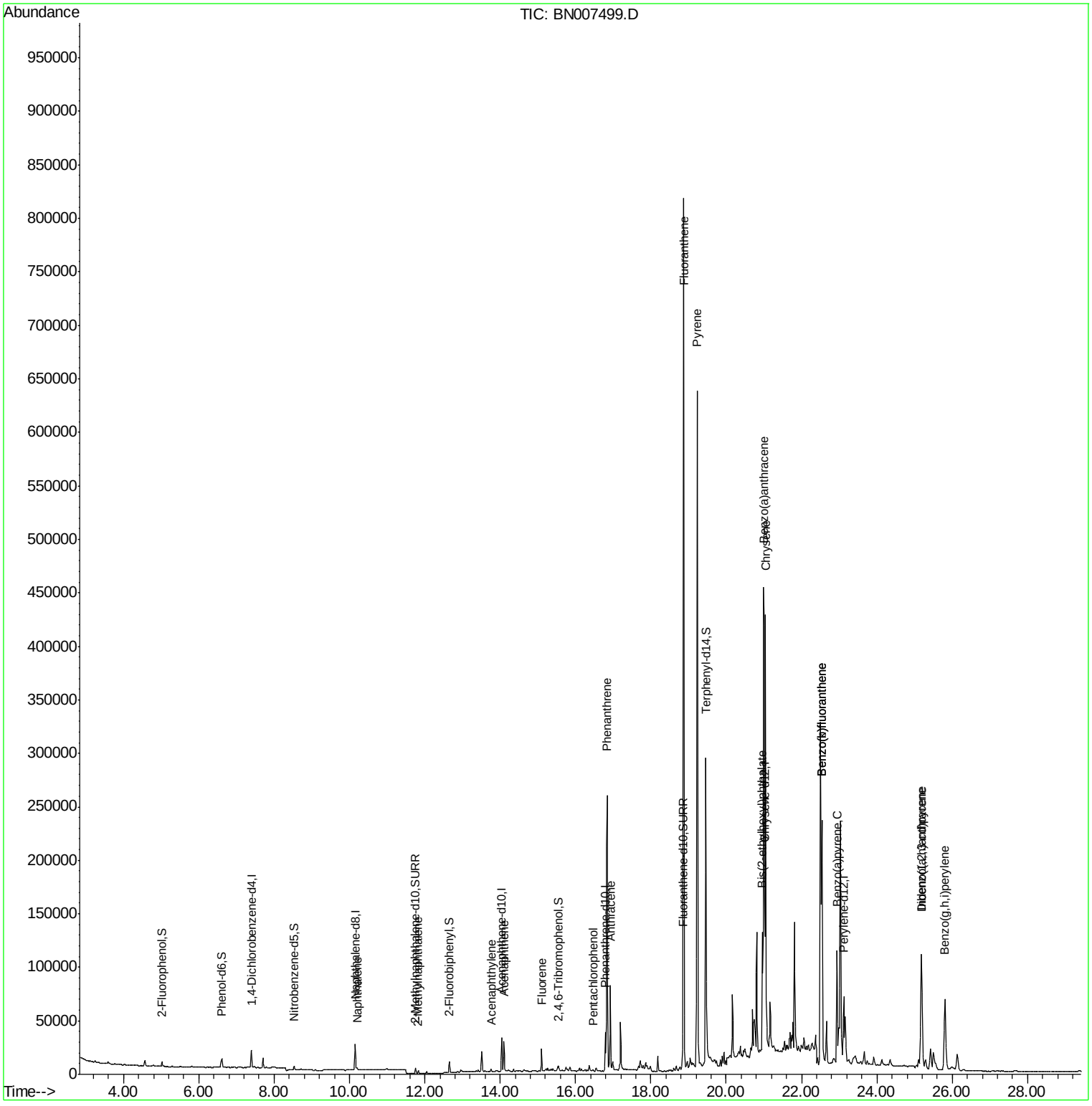
(#) = qualifier out of range (m) = manual integration (+) = signals summed

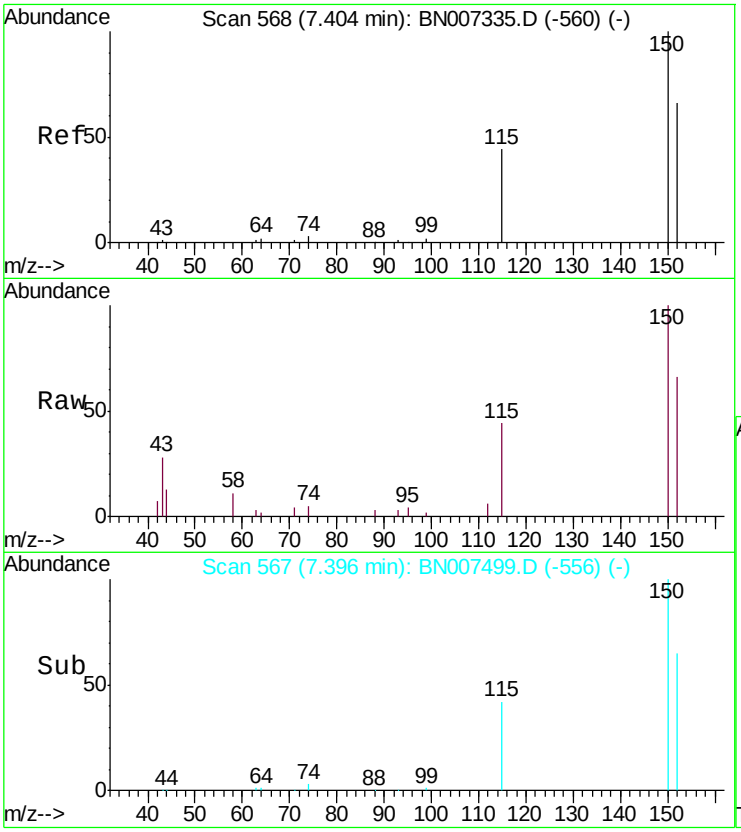
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
Data File : BN007499.D
Acq On : 29 Aug 2019 12:32
Operator : HP/JU
Sample : K4515-02DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Quant Time: Aug 29 13:05:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



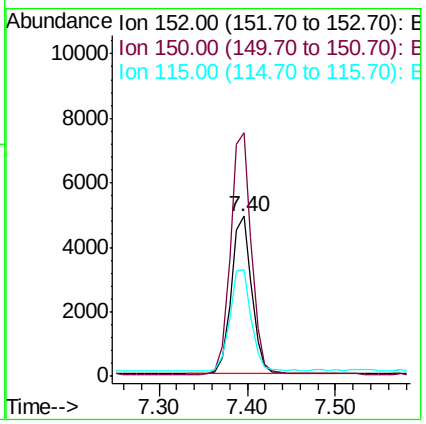


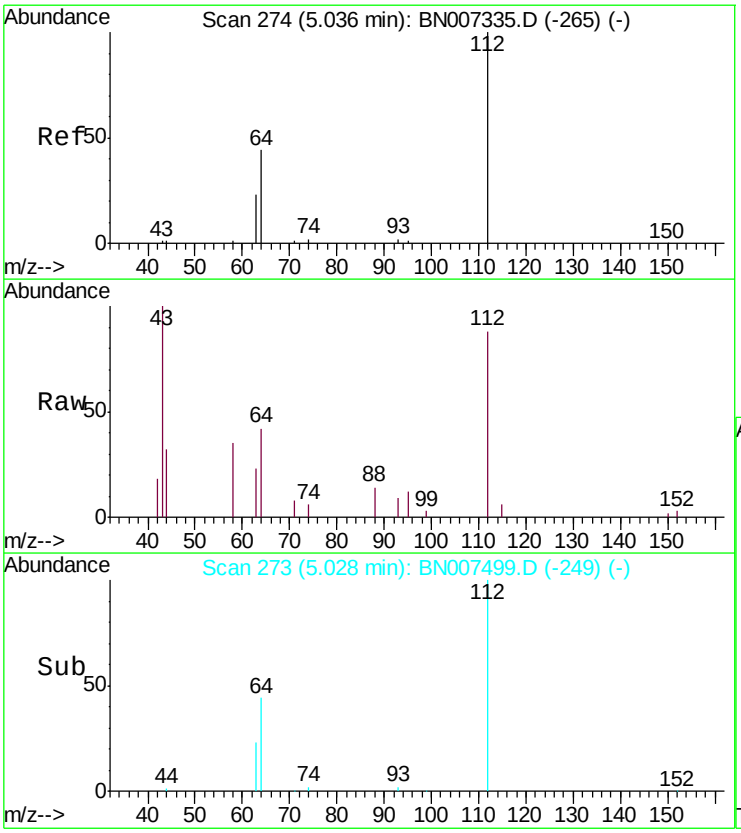
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:152 Resp: 7906

Ion	Ratio	Lower	Upper
152	100		
150	152.2	109.1	163.7
115	67.0	59.6	89.4

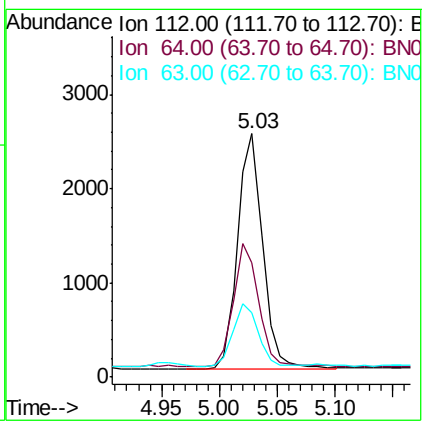


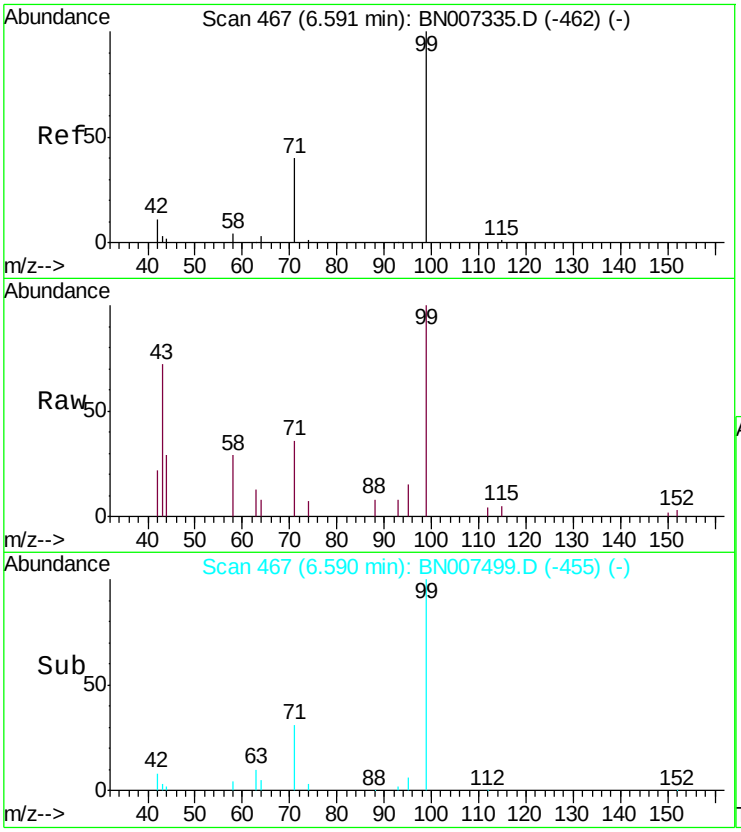


#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:112 Resp: 3765

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.3	63.5
63	27.6	23.6	35.4



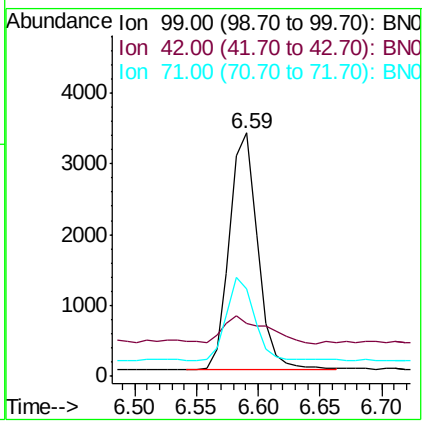


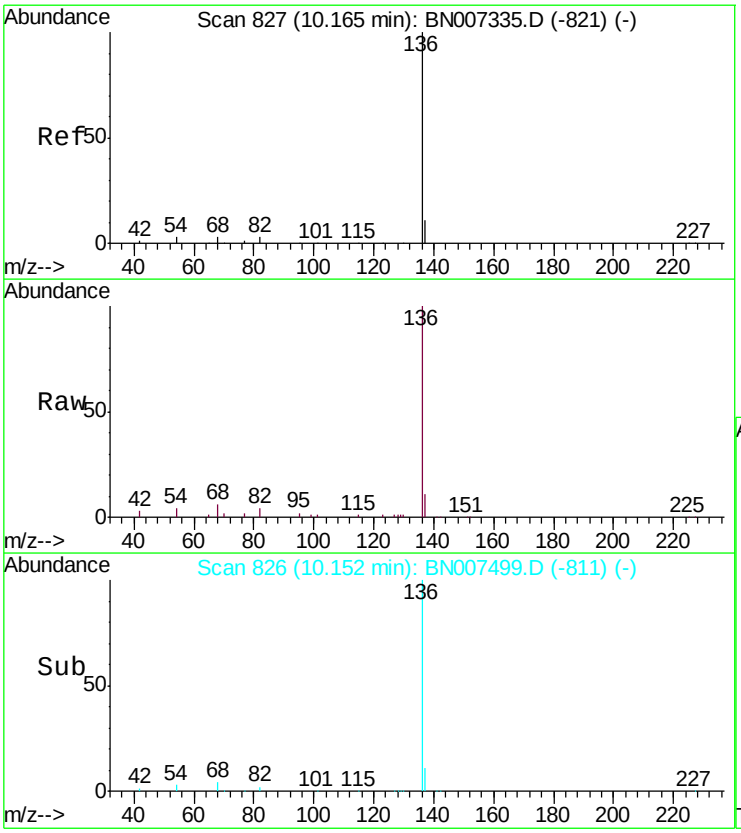
#5
Phenol-d6
Concen: 0.132 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion: 99 Resp: 5327

Ion	Ratio	Lower	Upper
99	100		
42	18.7	11.2	16.8#
71	34.7	31.8	47.8

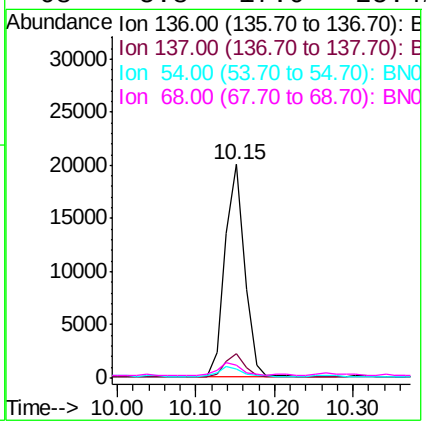


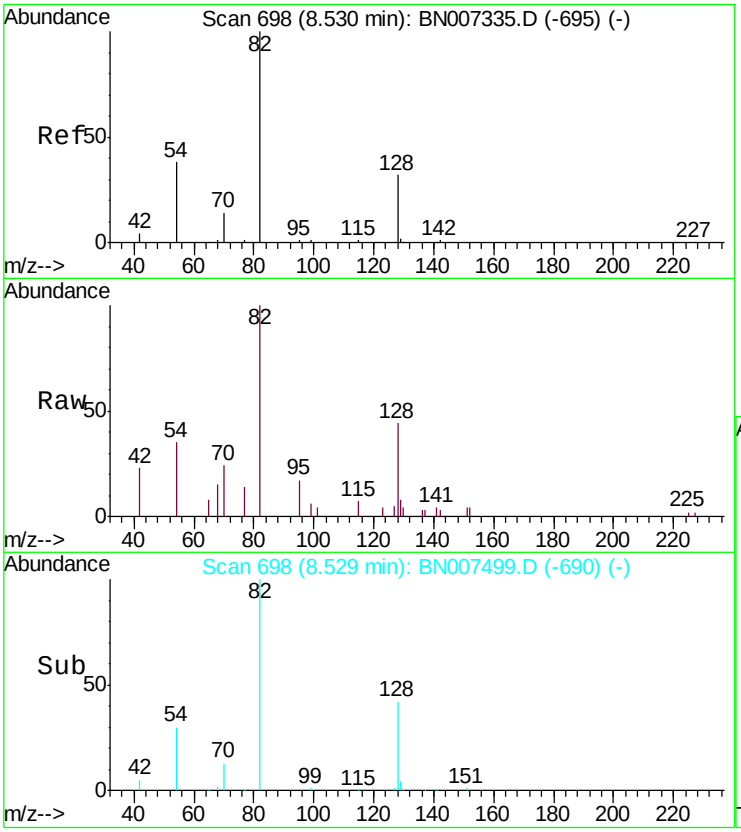


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:136 Resp: 35002

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.1	8.6	12.8#
68	5.8	17.0	25.4#



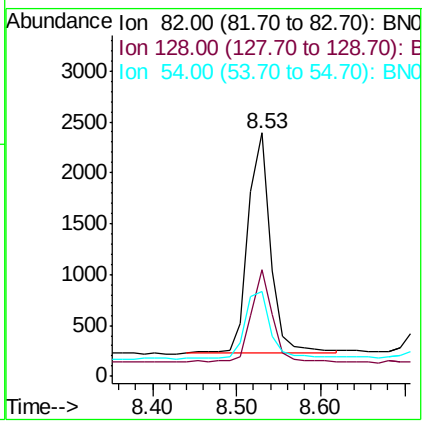


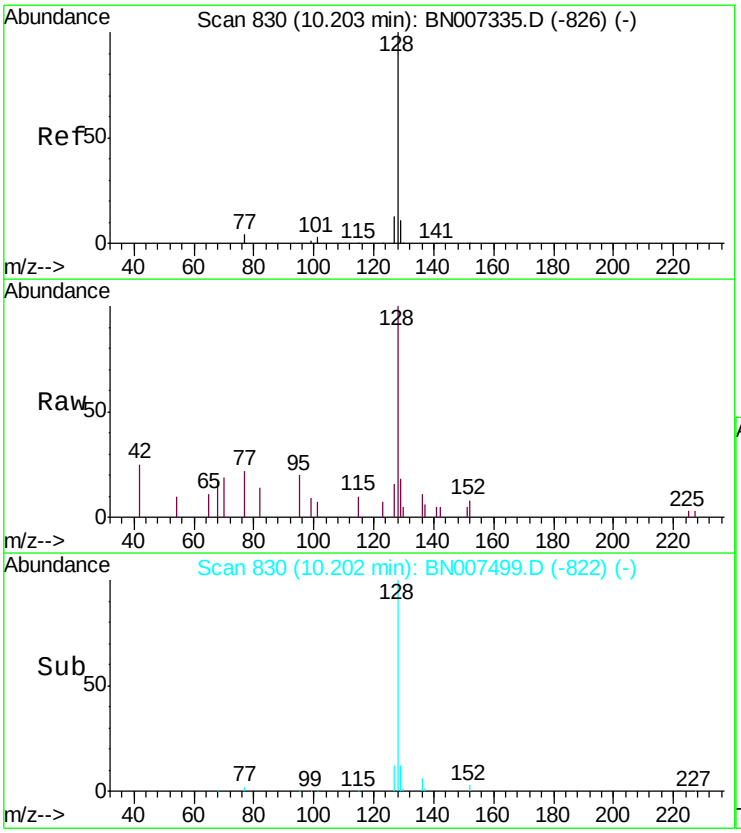
#8
Nitrobenzene-d5
Concen: 0.131 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion: 82 Resp: 3992

Ion	Ratio	Lower	Upper
82	100		
128	43.9	19.7	29.5#
54	34.6	25.8	38.6

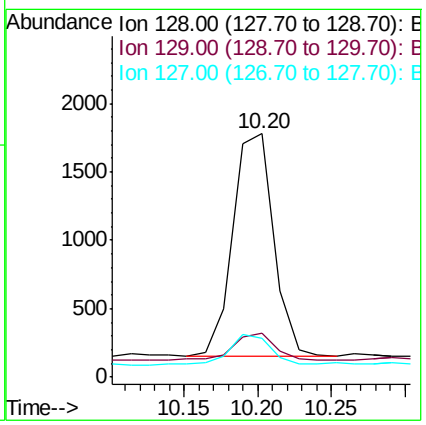


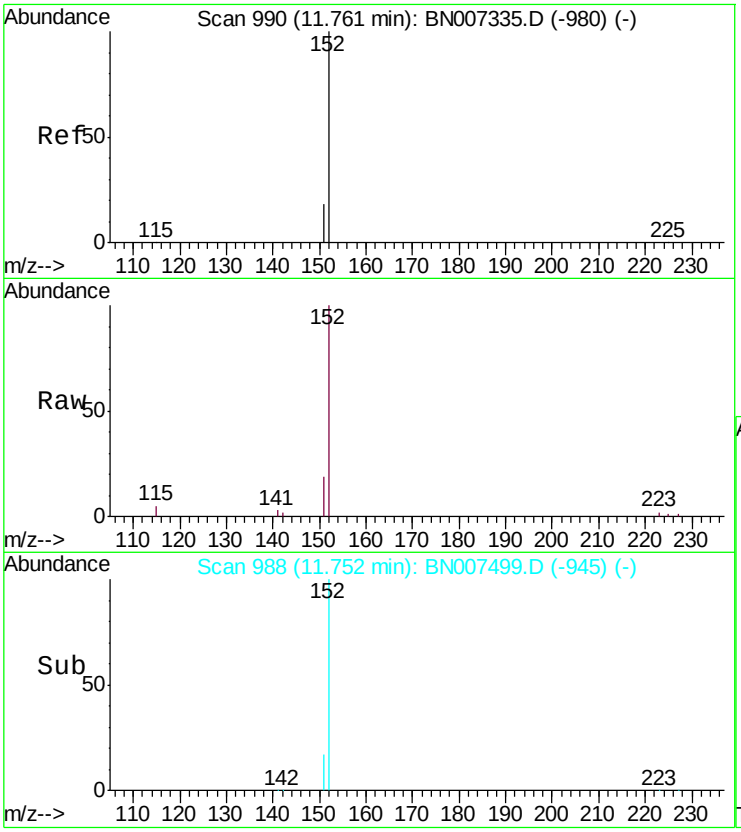


#9
Naphthalene
Concen: 0.031 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:128 Resp: 3129

Ion	Ratio	Lower	Upper
128	100		
129	18.3	11.1	16.7#
127	16.2	15.5	23.3



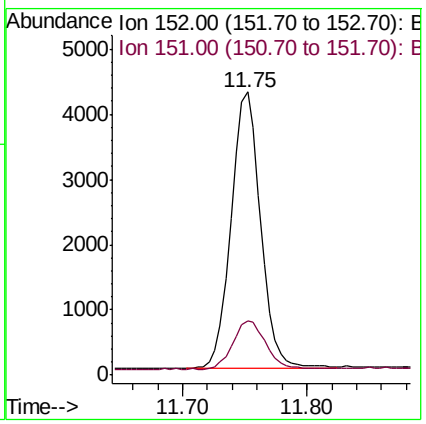


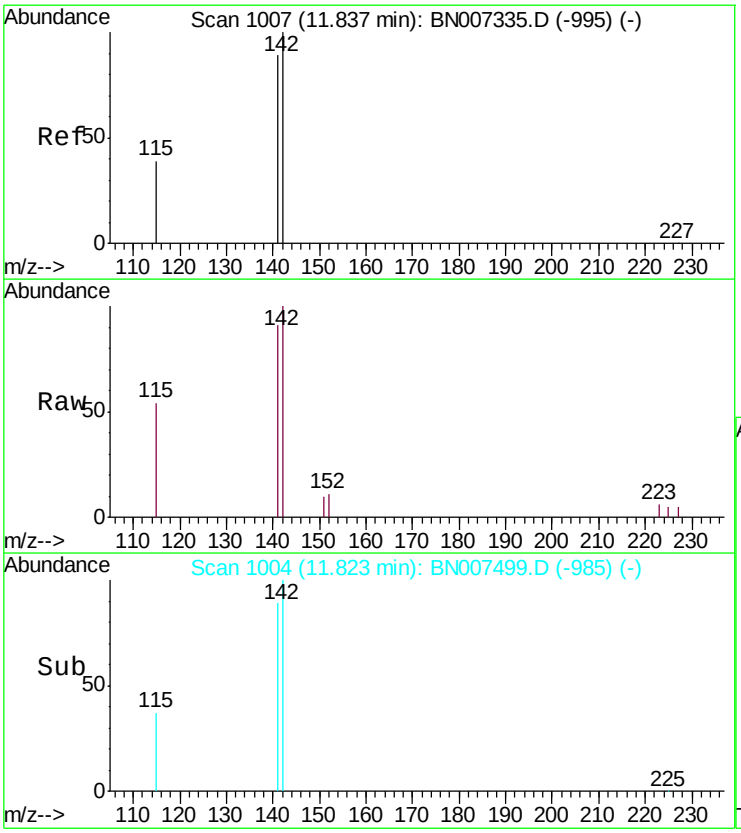
#11
2-Methylnaphthalene-d10
Concen: 0.122 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:152 Resp: 7071

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2

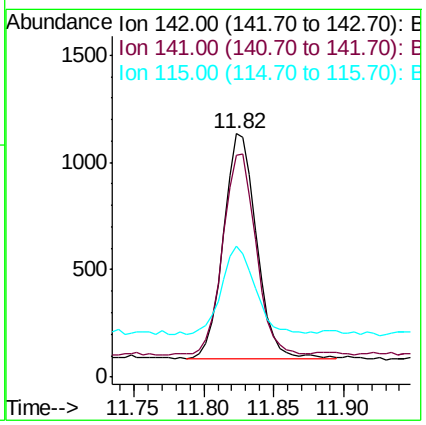


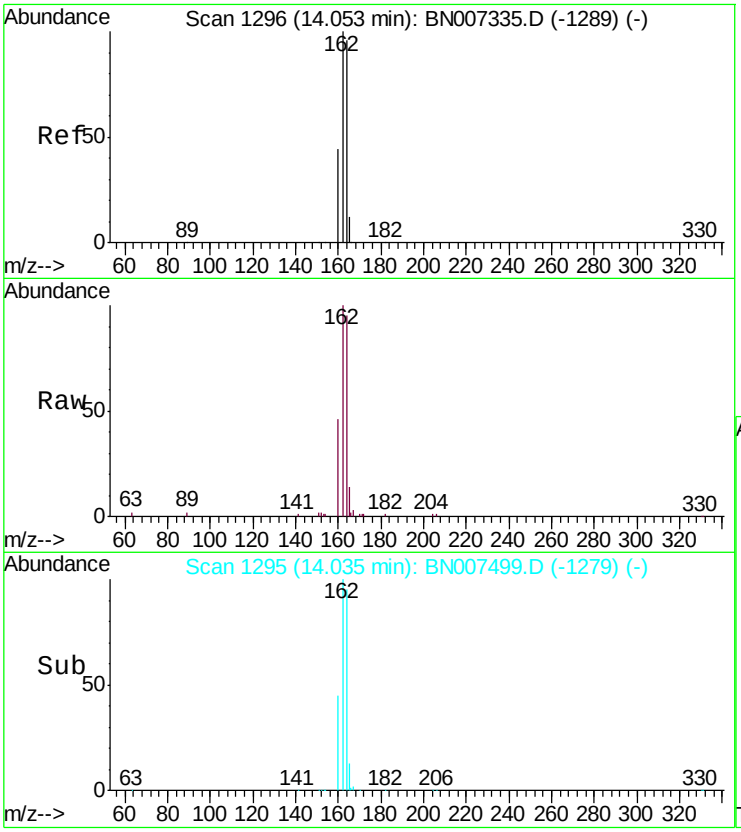


#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:142 Resp: 1719

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2
115	54.0	35.2	52.8#



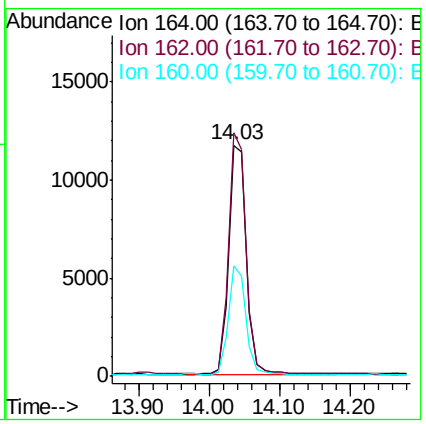


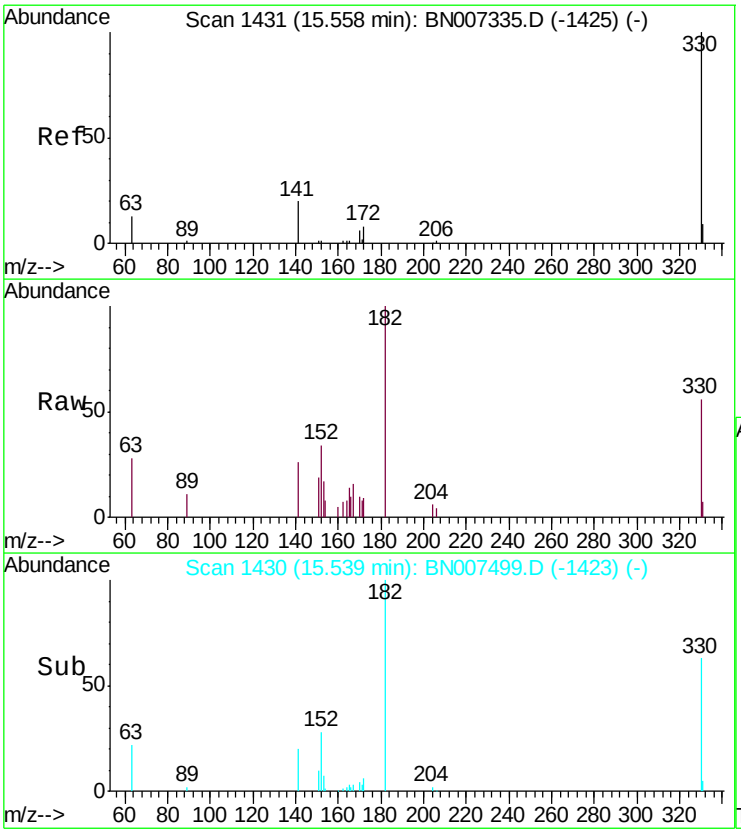
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:164 Resp: 20696

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.5	125.3
160	48.1	38.2	57.4

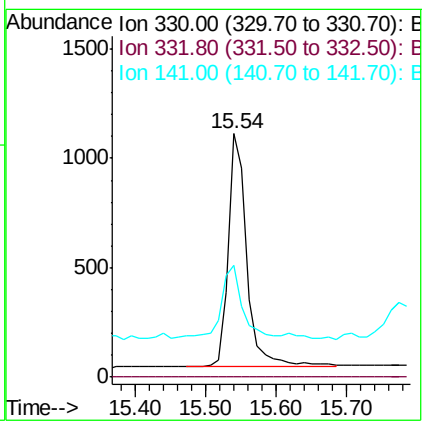


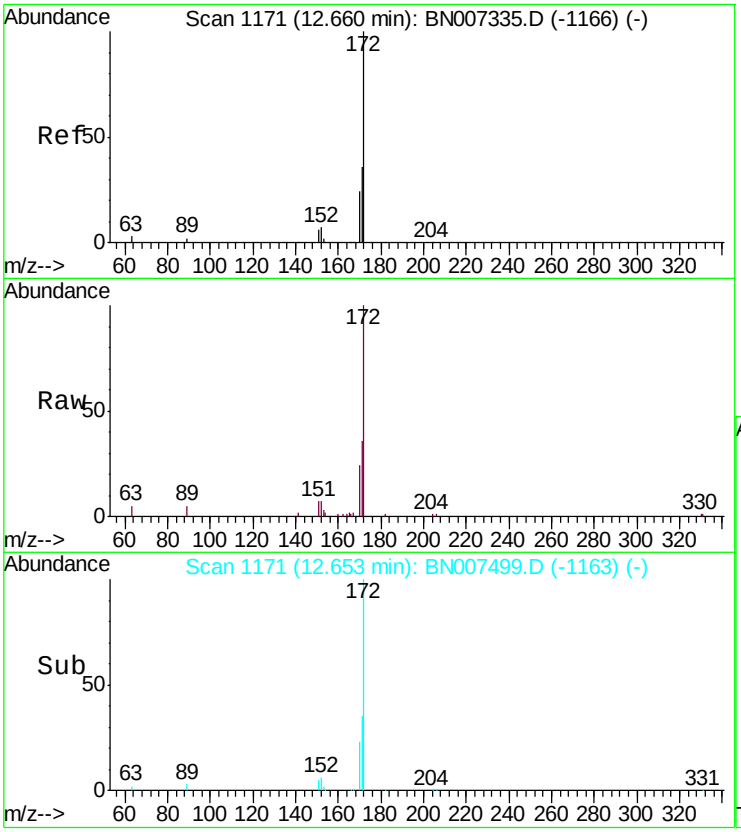


#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:330 Resp: 1975

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.4	26.9	40.3



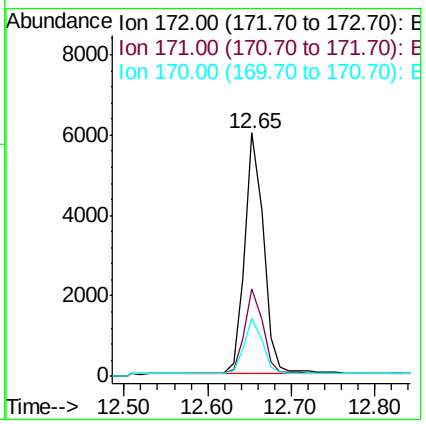


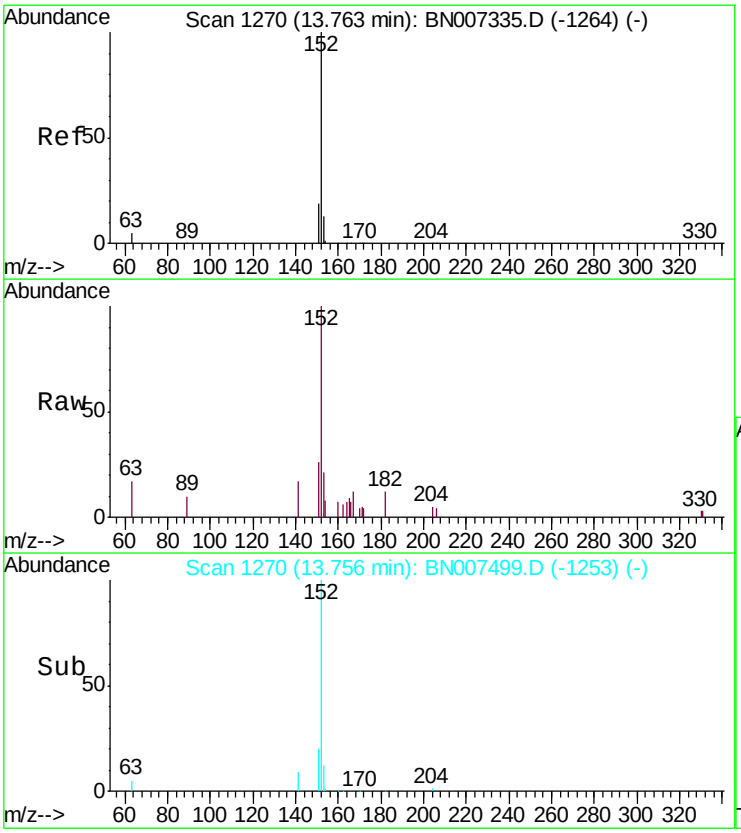
#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:172 Resp: 9398

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.3	45.5
170	23.8	20.7	31.1

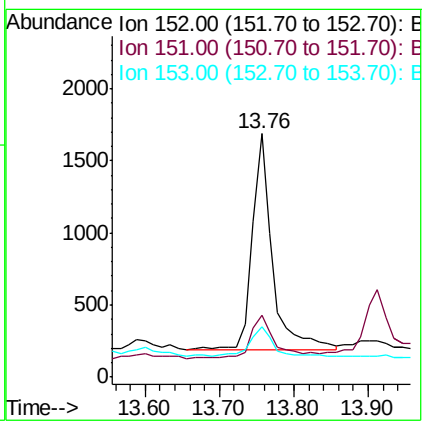


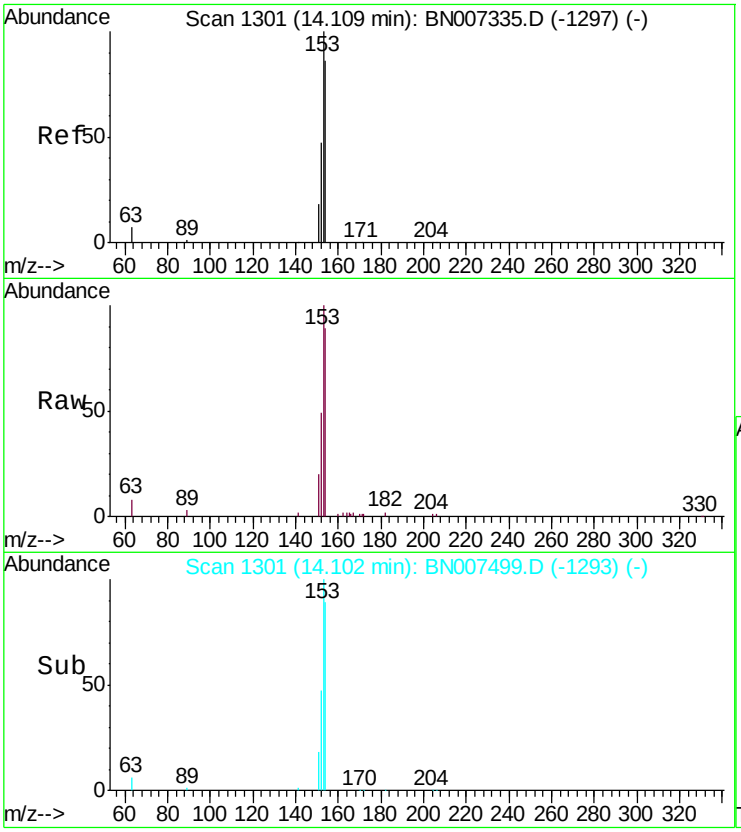


#16
Acenaphthylene
Concen: 0.023 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:152 Resp: 2821

Ion	Ratio	Lower	Upper
152	100		
151	25.2	16.1	24.1#
153	15.1	10.6	15.8



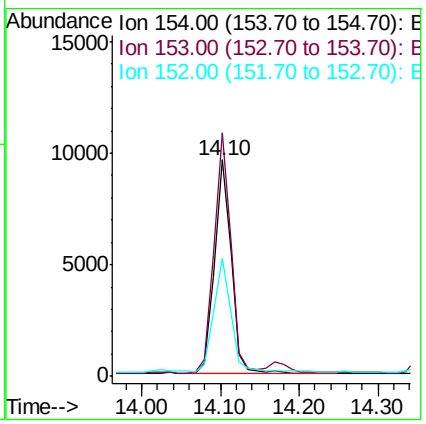


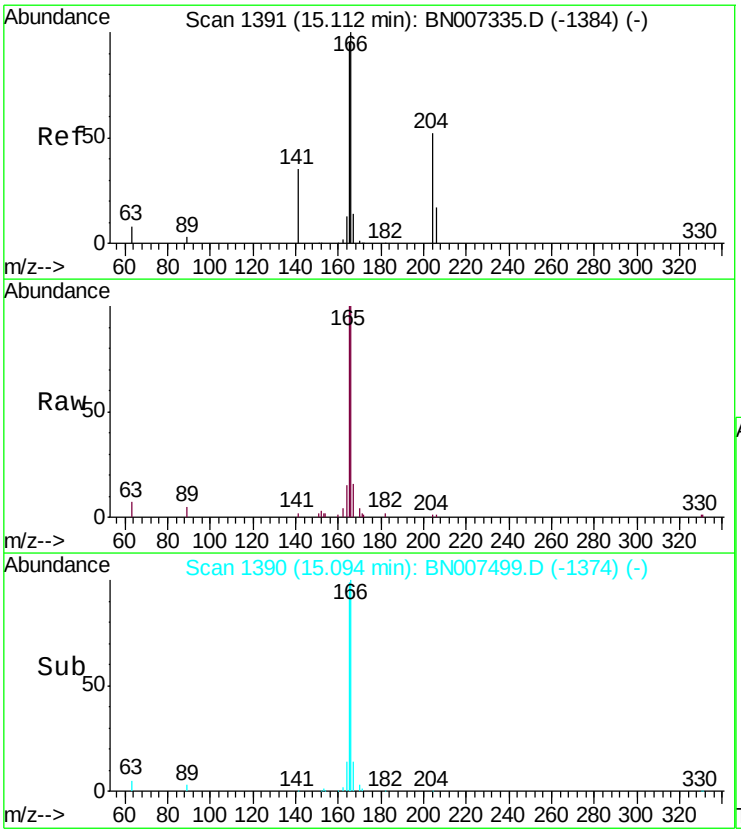
#17
Acenaphthene
Concen: 0.198 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:154 Resp: 14169

Ion	Ratio	Lower	Upper
154	100		
153	112.0	92.8	139.2
152	53.4	43.8	65.8

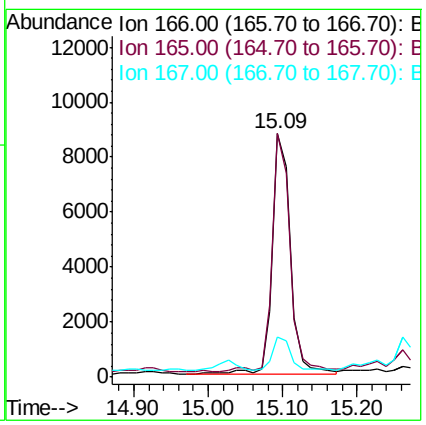


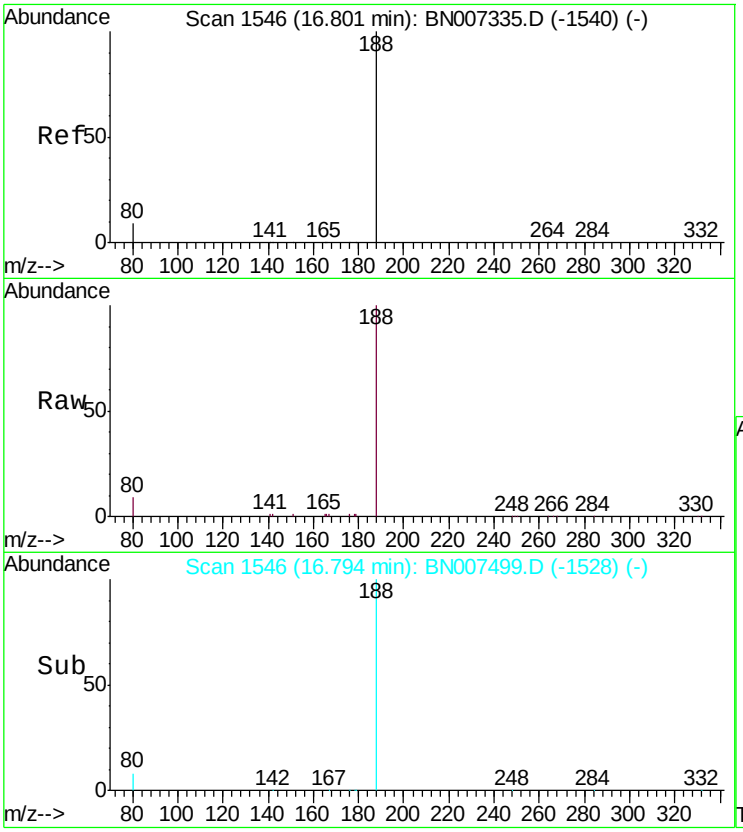


#18
Fluorene
Concen: 0.164 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:166 Resp: 14828

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.8	10.6	15.8



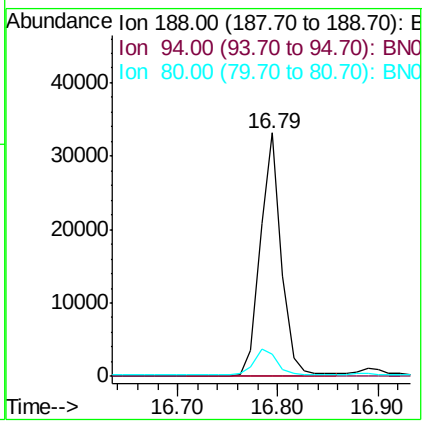


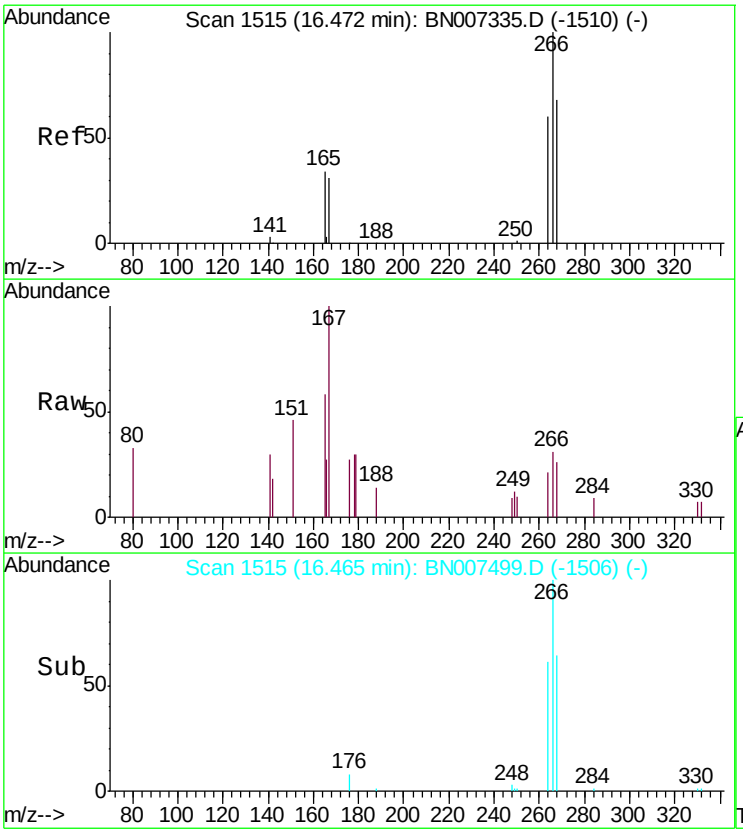
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:188 Resp: 47717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	11.8	17.8#

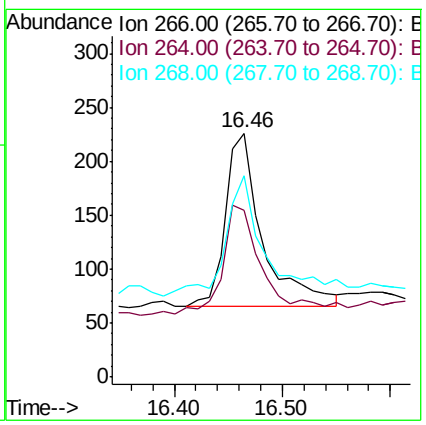


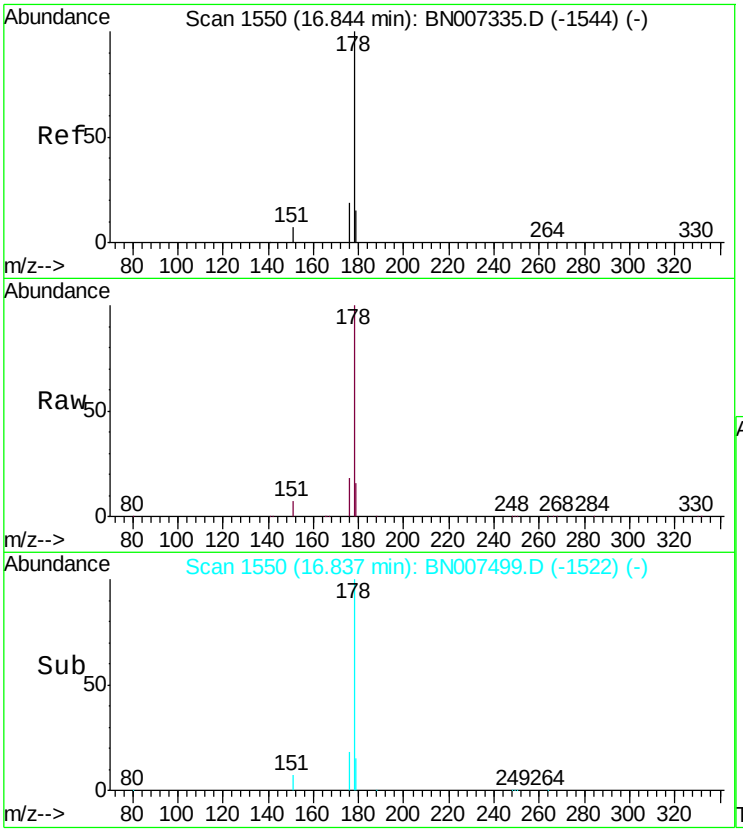


#22
Pentachlorophenol
Concen: 0.039 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:266 Resp: 388

Ion	Ratio	Lower	Upper
266	100		
264	68.1	57.8	86.8
268	82.7	99.7	149.5#



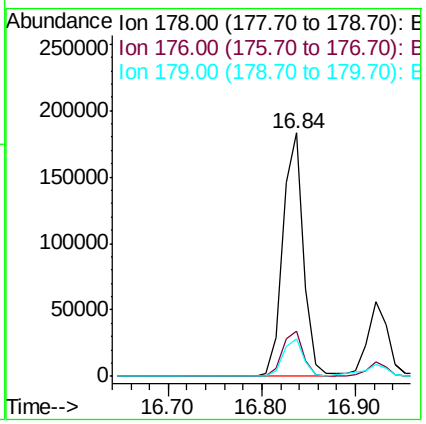


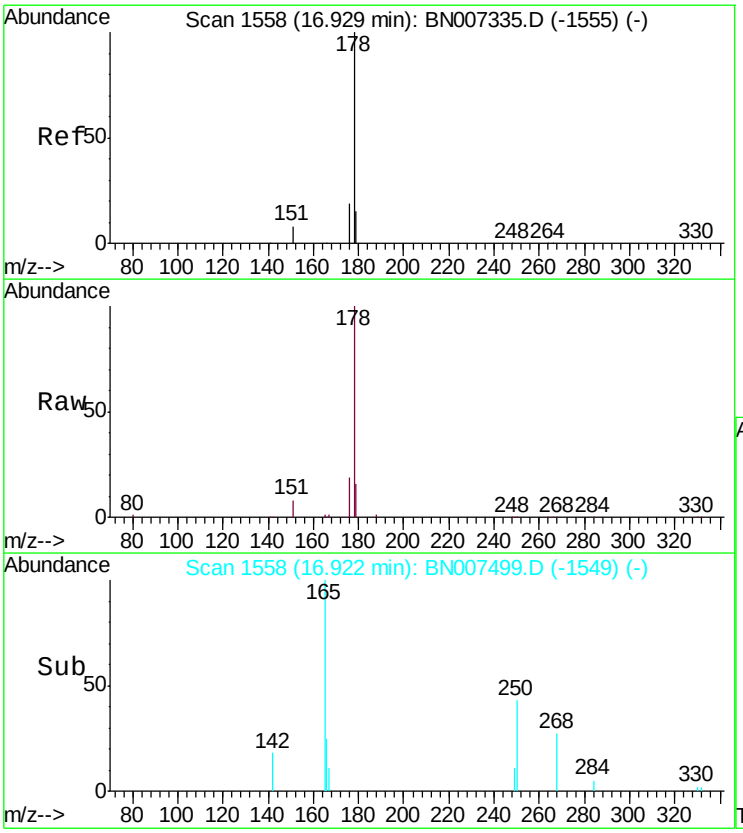
#23
Phenanthrene
Concen: 1.946 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:178 Resp: 279360

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.6	19.0

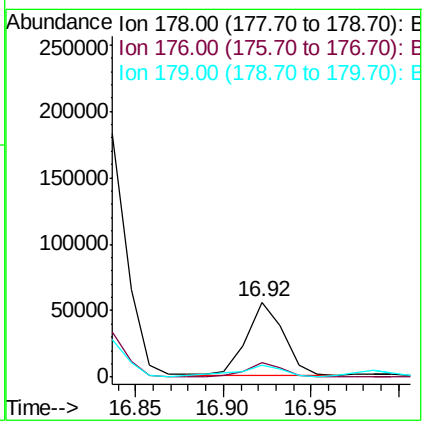


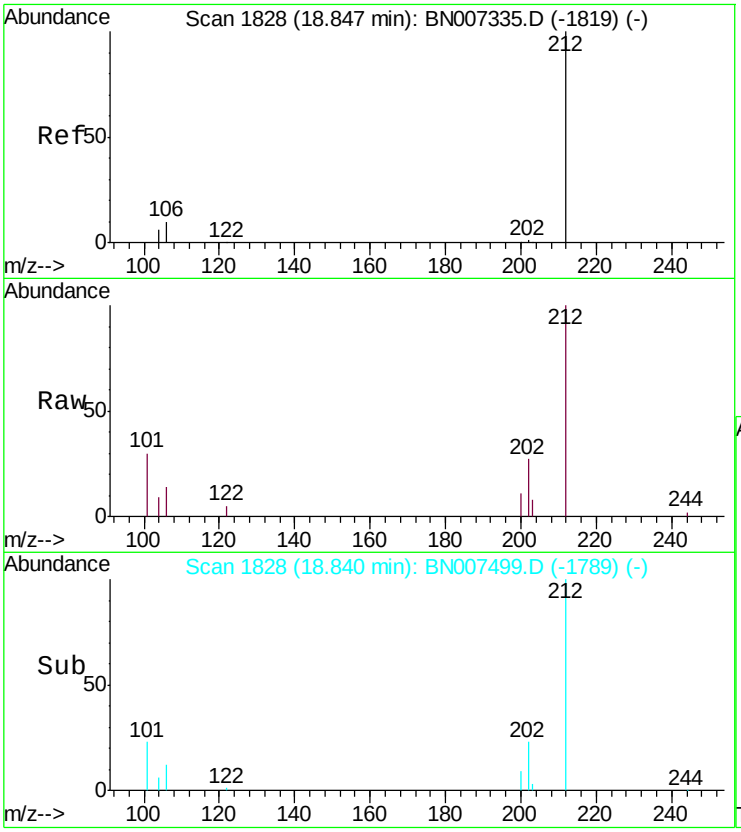


#24
Anthracene
Concen: 0.550 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:178 Resp: 79381

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	19.1	12.4	18.6#



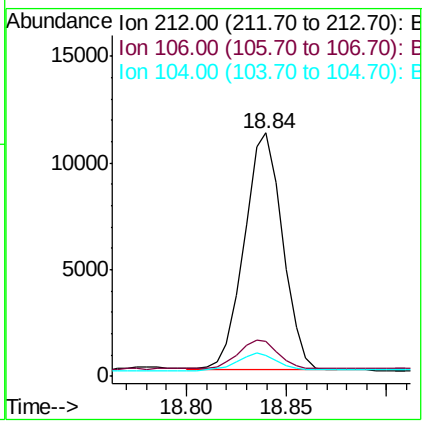


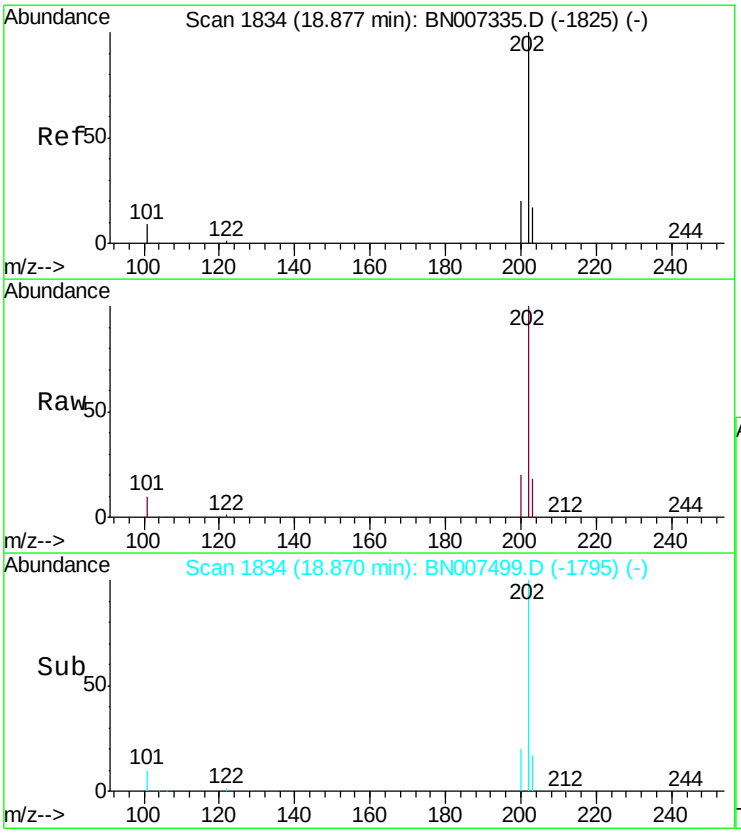
#25
Fluoranthene-d10
Concen: 0.097 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:212 Resp: 14844

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.0	13.4
104	7.6	5.4	8.2

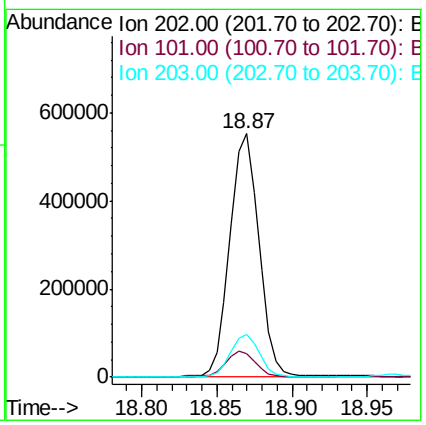


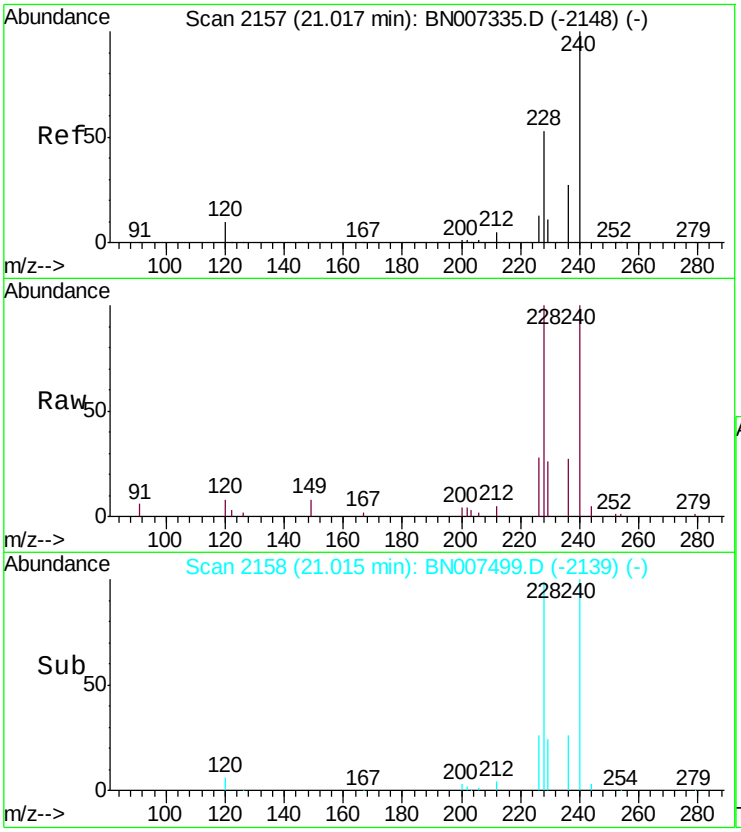


#26
Fluoranthene
Concen: 4.002 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:202 Resp: 737497

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.7	11.5
203	17.4	13.7	20.5



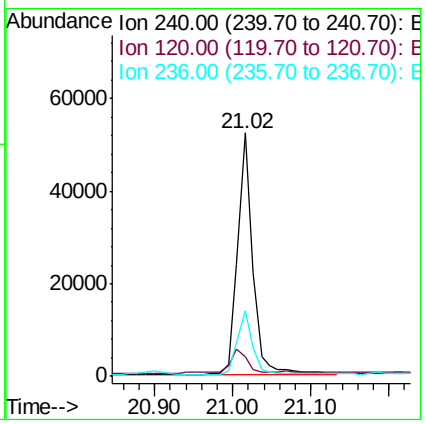


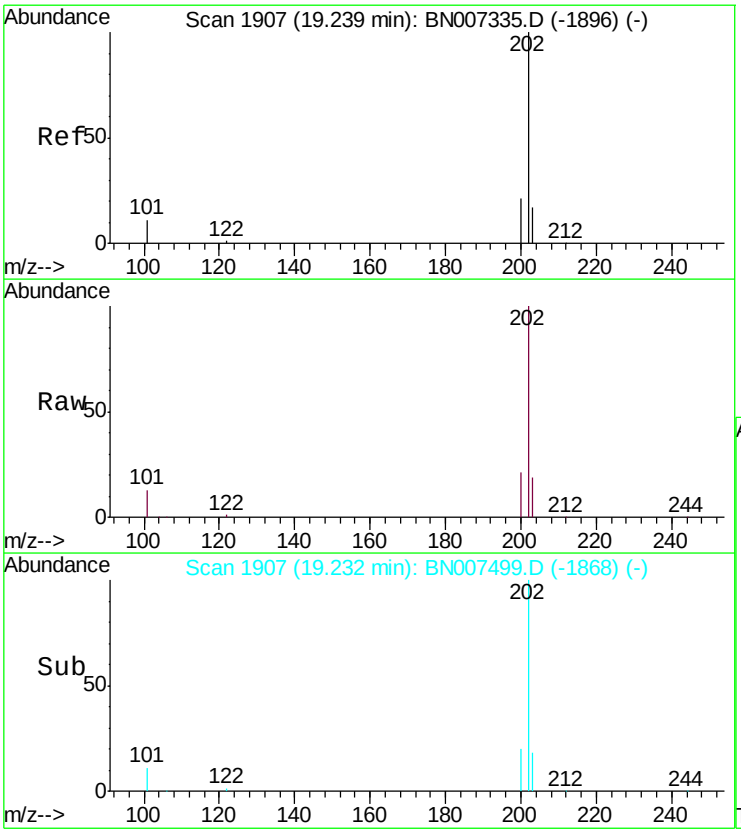
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:240 Resp: 70839

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.6	14.4#
236	26.9	22.2	33.2

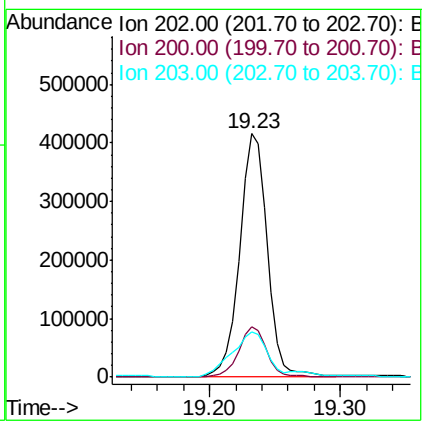


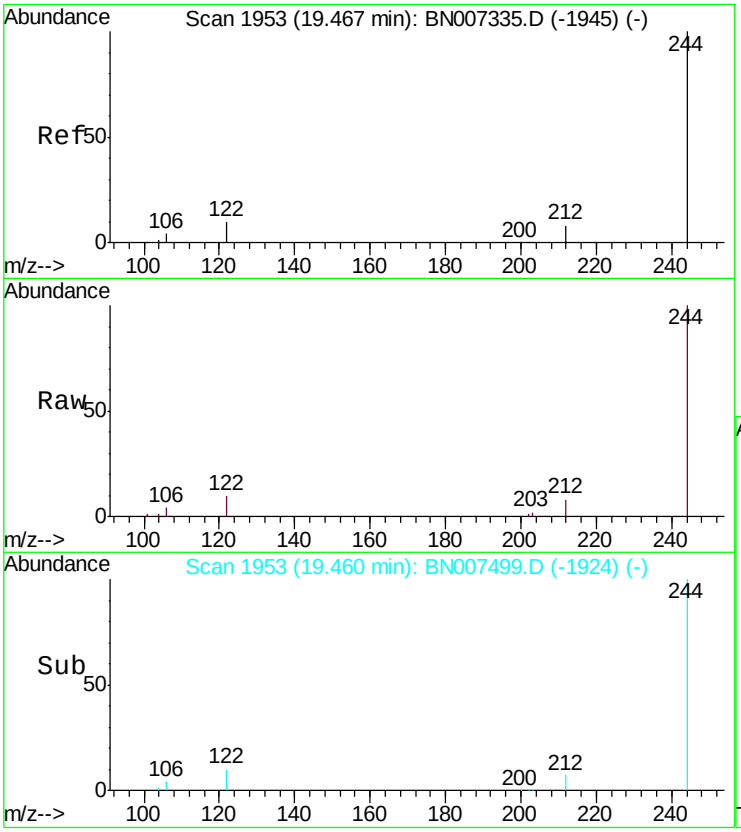


#28
Pyrene
Concen: 2.159 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:202 Resp: 615213

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.4	14.2	21.4#



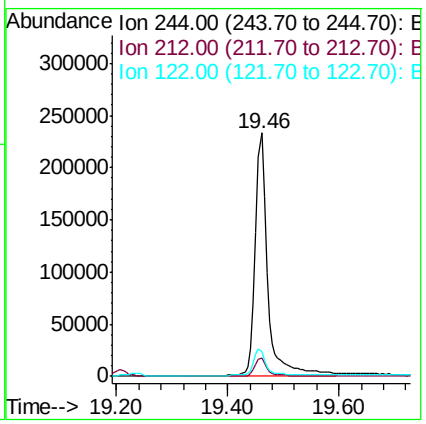


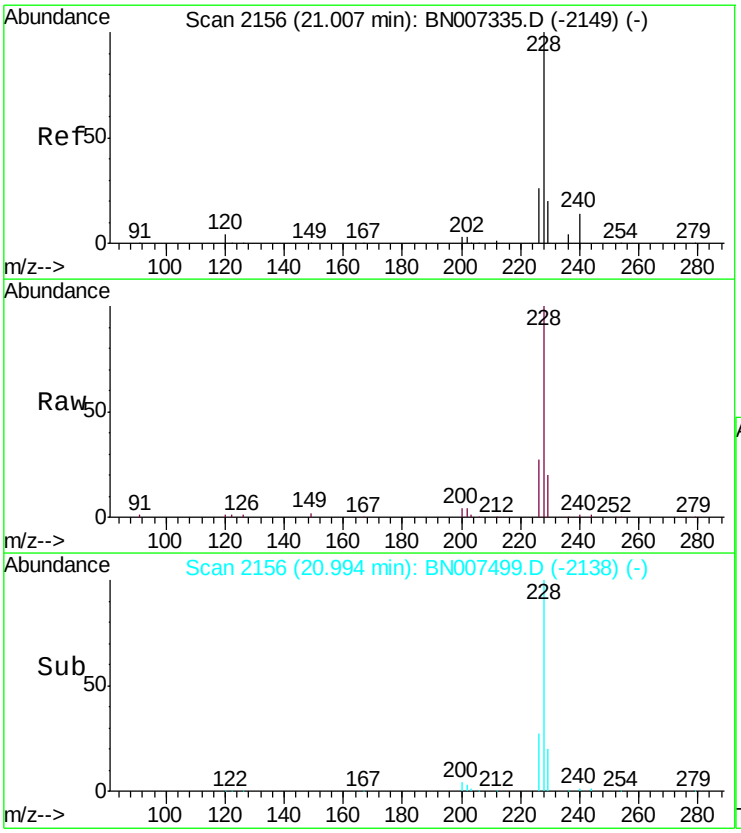
#29
Terphenyl-d14
Concen: 1.953 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:244 Resp: 362071

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	10.2	9.6	14.4

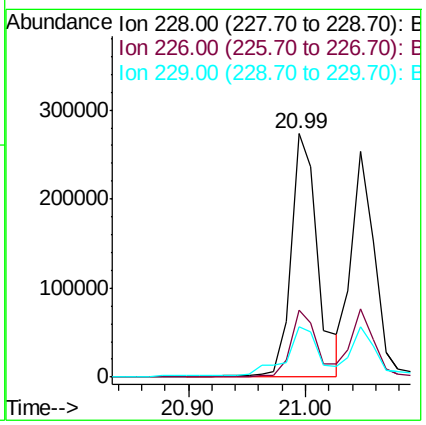


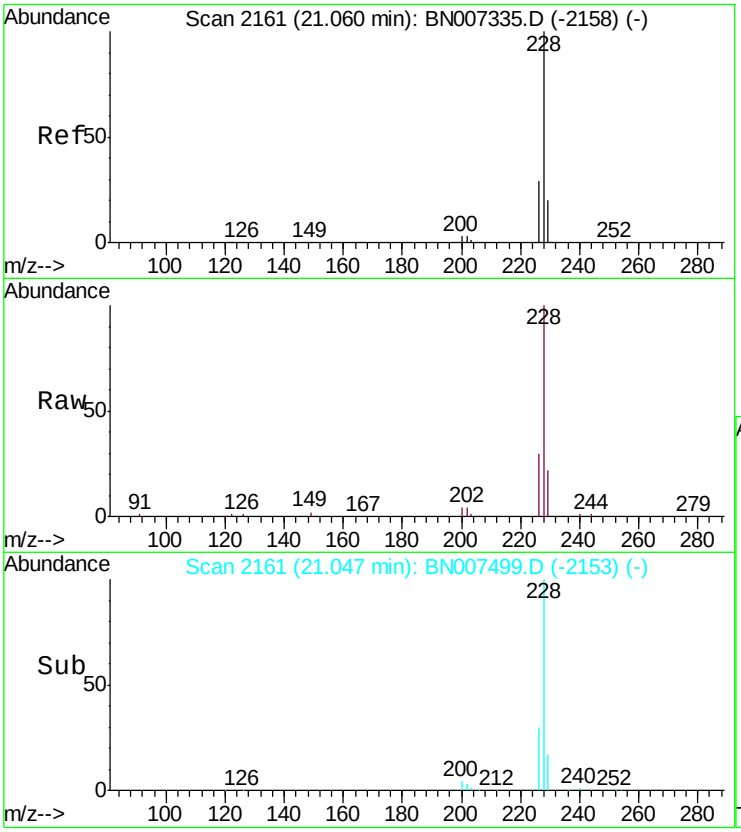


#30
Benzo(a)anthracene
Concen: 1.555 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:228 Resp: 432720

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.5	16.1	24.1



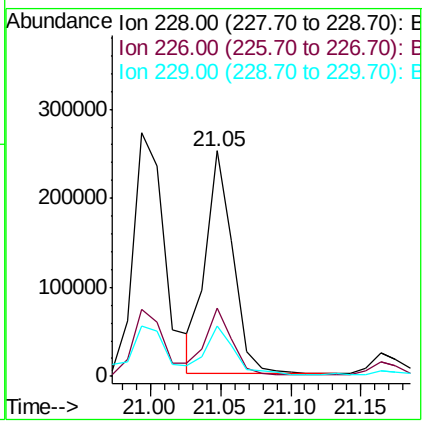


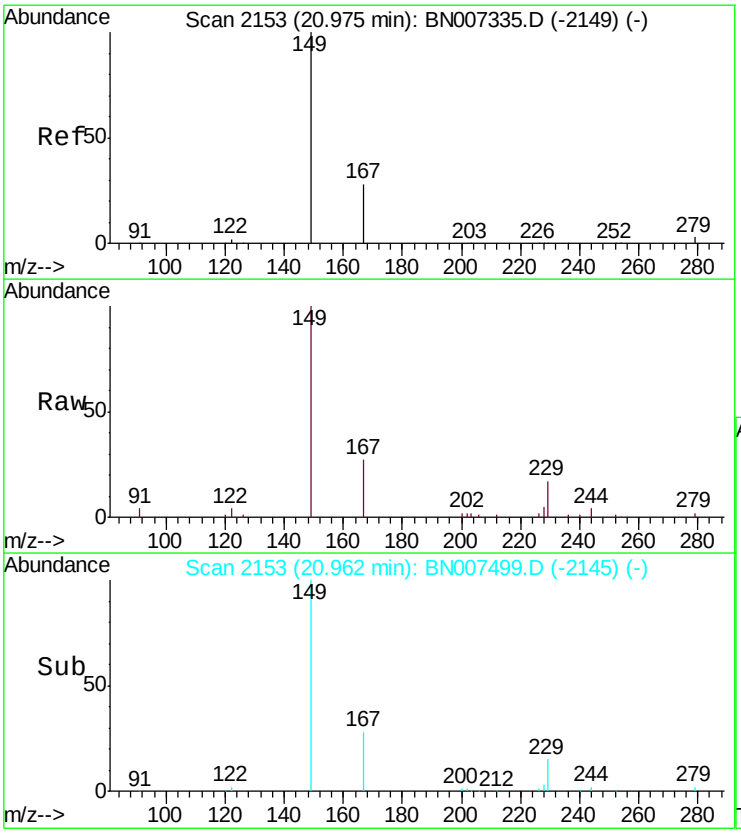
#31
Chrysene
Concen: 1.253 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:228 Resp: 336482

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	22.1	16.6	24.8

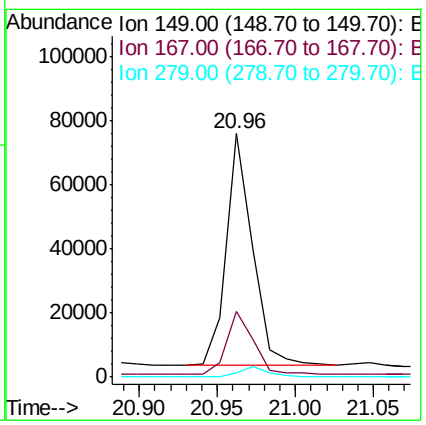


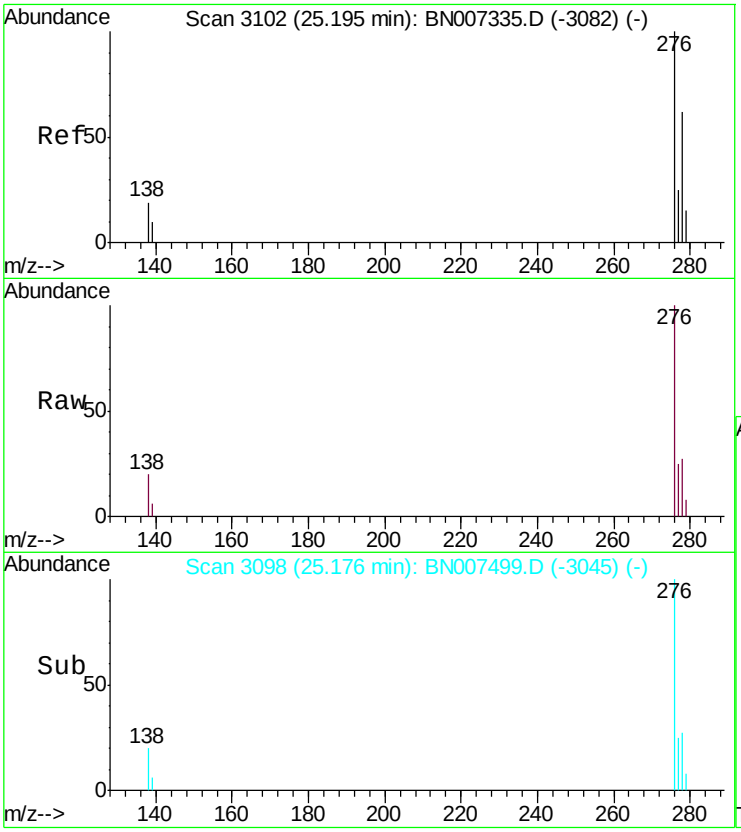


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.445 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:149 Resp: 83481

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	4.5	3.5	5.3



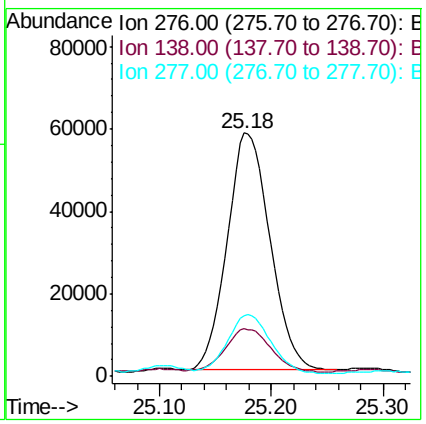


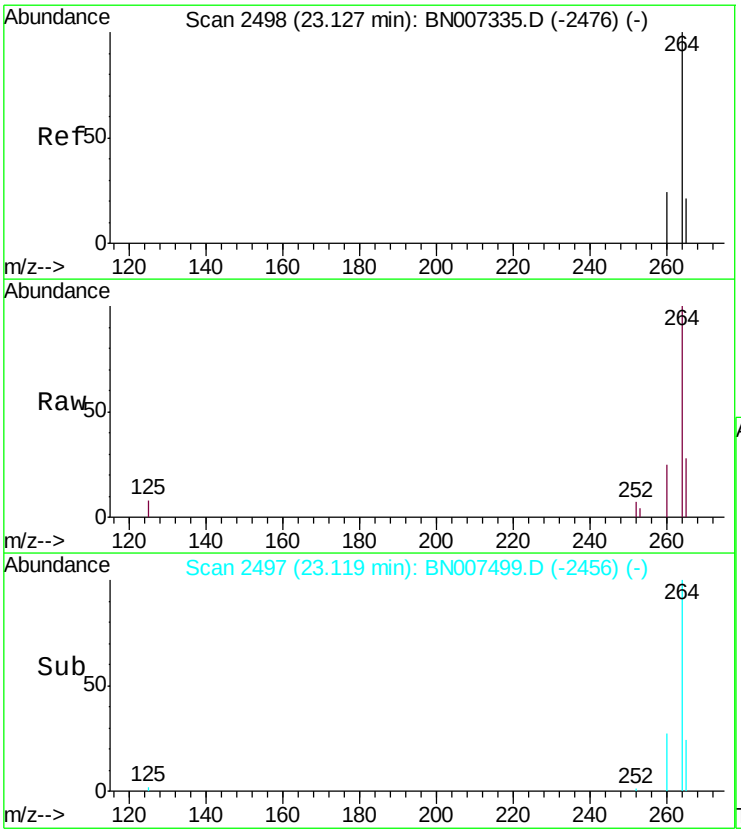
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.473 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:276 Resp: 152912

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.1	22.7
277	25.8	19.7	29.5

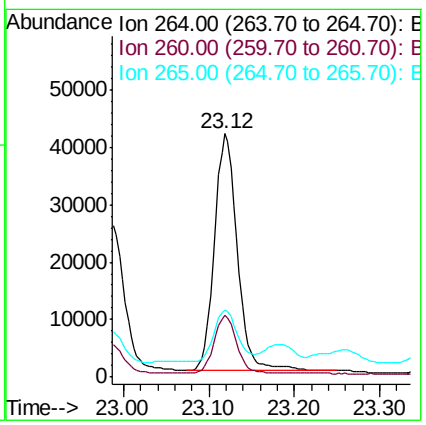


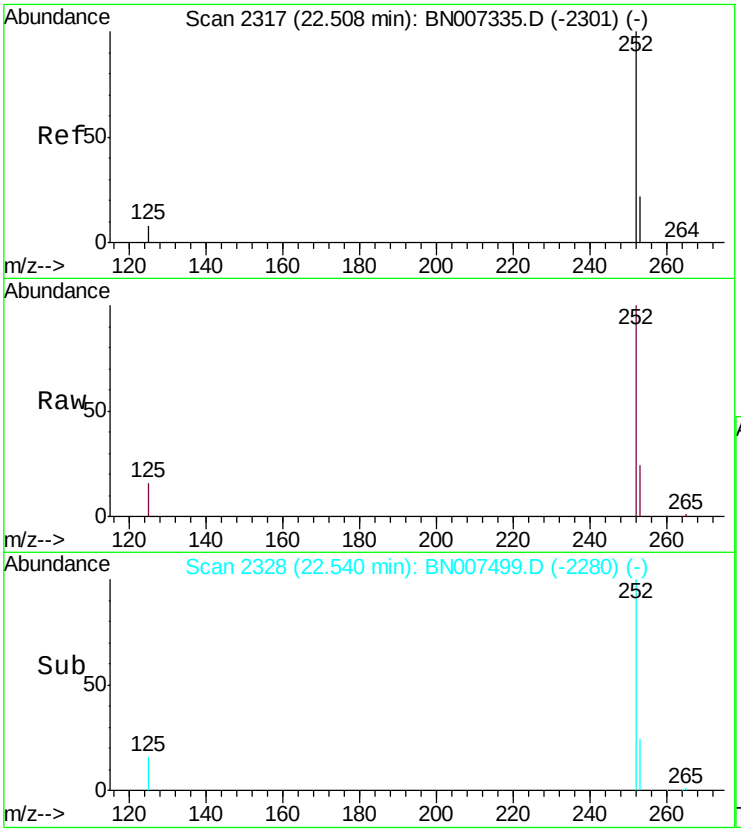


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:264 Resp: 76303

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	27.5	29.9	44.9#



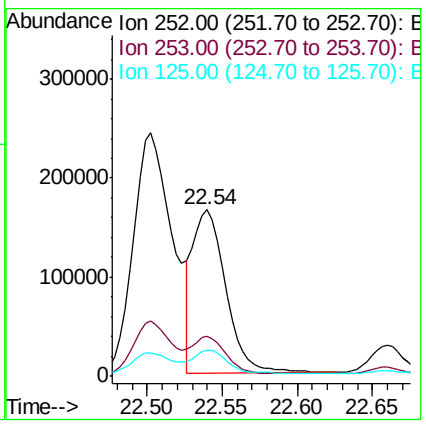


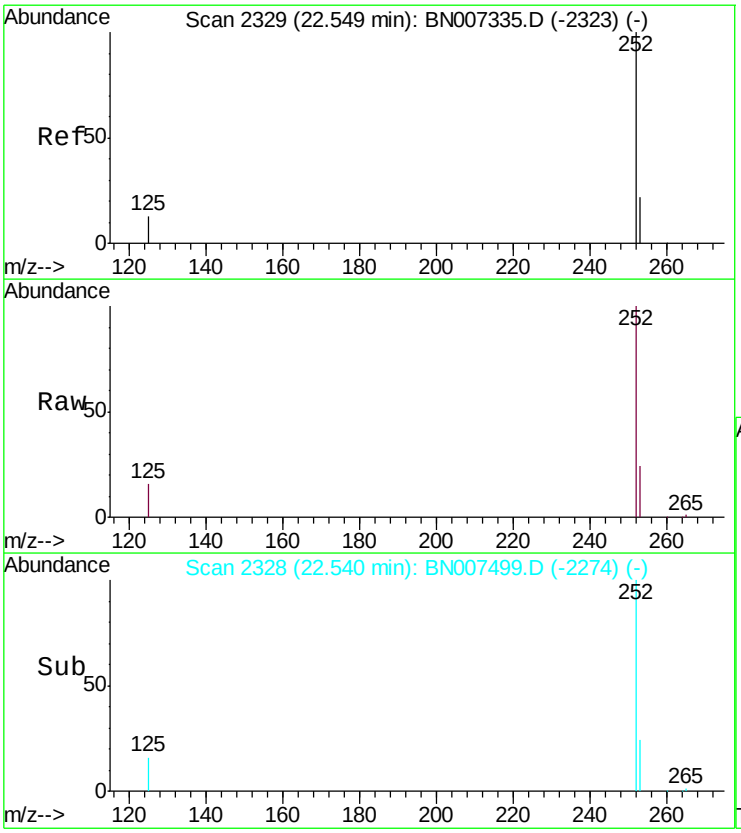
#35
Benzo(b)fluoranthene
Concen: 0.919 ng
RT: 22.54 min Scan# 2328
Delta R.T. 0.03 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:252 Resp: 254117

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	15.7	10.6	16.0

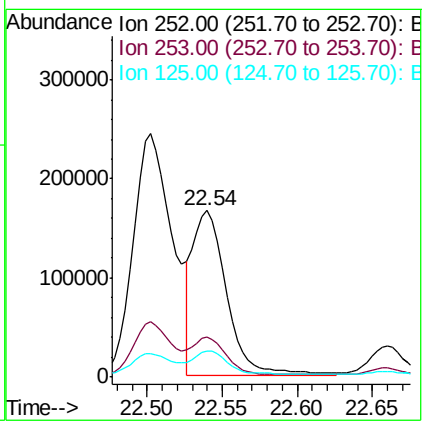


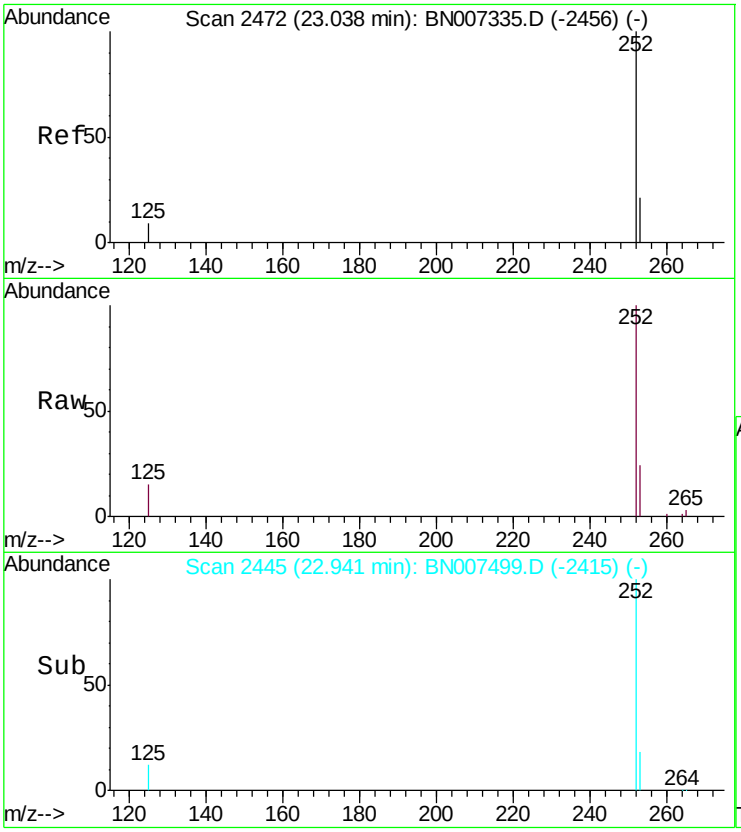


#36
Benzo(k)fluoranthene
Concen: 0.965 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:252 Resp: 263703

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	15.7	13.1	19.7



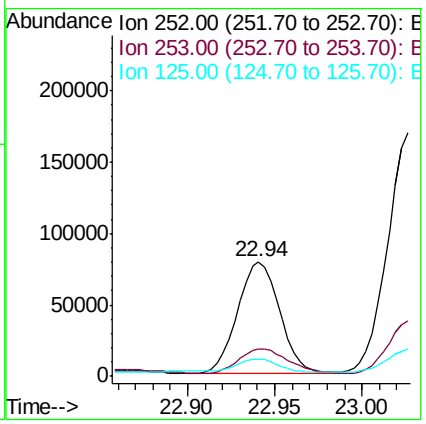


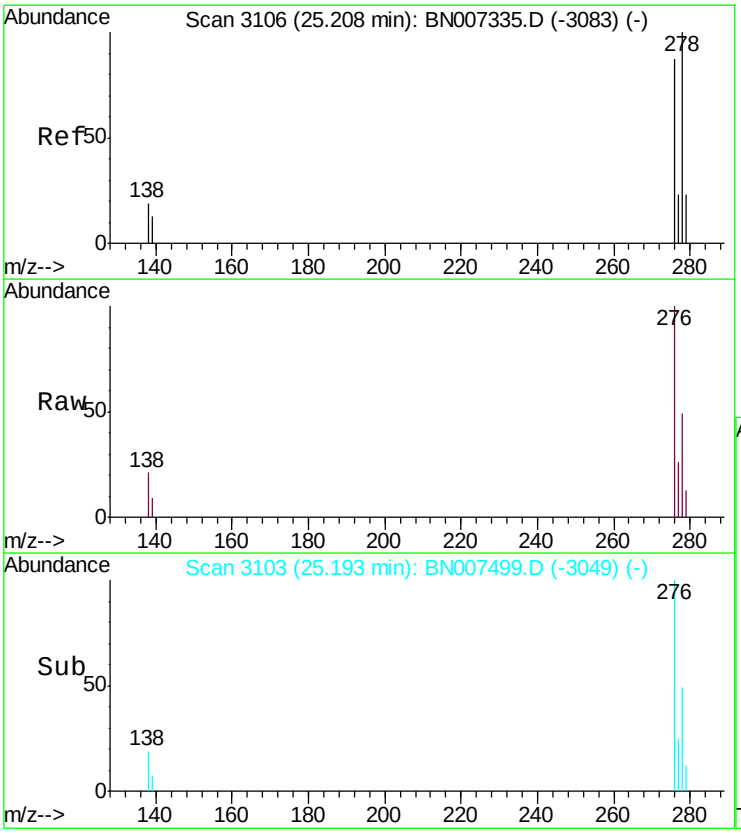
#37
Benzo(a)pyrene
Concen: 0.502 ng
RT: 22.94 min Scan# 2445
Delta R.T. -0.10 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:252 Resp: 132030

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	15.4	12.1	18.1

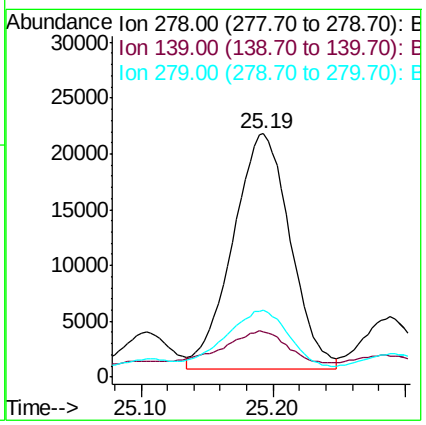


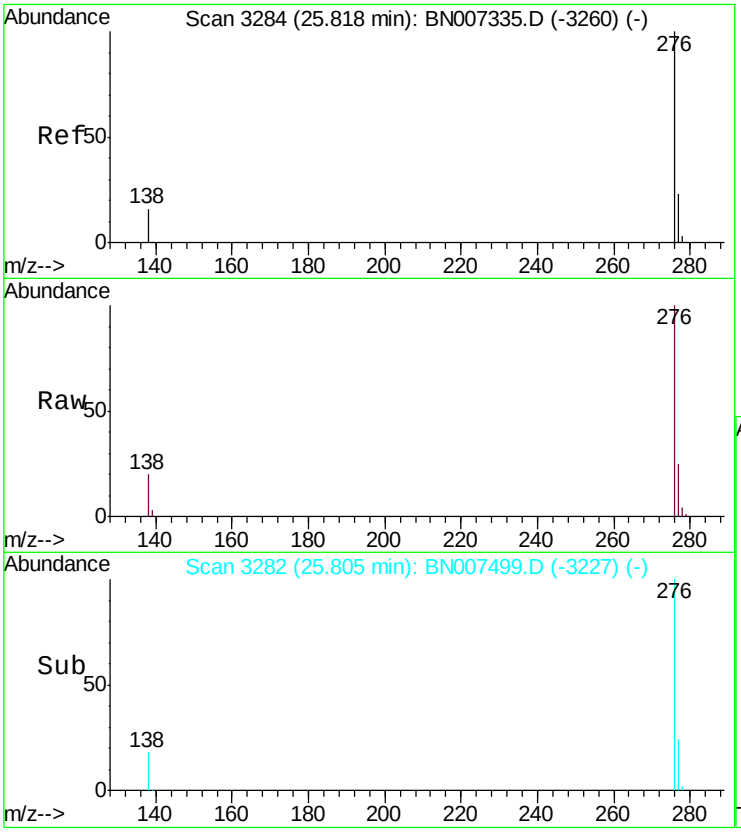


#38
Dibenzo(a,h)anthracene
Concen: 0.244 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:278 Resp: 64168

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.7	20.5
279	27.3	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.521 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:276 Resp: 136156

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	20.1	16.3	24.5