Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

Data File : BN007350.D
Acq On : 24 Aug 2019 05:14
Operator : HP/JU
Sample : K4441-09DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S700-N-0.0-0.5-082019DL

Quant Time: Aug 24 07:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5826	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	24434	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	13285	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	28710	0.40	ng		0.00
27) Chrysene-d12	21.02	240	28660	0.40	ng		0.00
34) Perylene-d12	23.12	264	31190	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	125	-0.02	ng		0.00
5) Phenol-d6	6.59	99	193	-0.02	ng		0.00
8) Nitrobenzene-d5	8.54	82	125	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	11.90	152	25	0.00	ng		0.14
14) 2,4,6-Tribromophenol	15.56	330	60	0.01	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	308	0.01	ng		0.00
25) Fluoranthene-d10	18.85	212	504	0.01	ng		0.00
29) Terphenyl-d14	19.46	244	927	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	42165	0.604	ng	#	90
12) 2-Methylnaphthalene	11.84	142	18569	0.390	ng		96
16) Acenaphthylene	13.76	152	2690	0.034	ng	#	88
17) Acenaphthene	14.11	154	107383	2.335	ng		98
18) Fluorene	15.10	166	143103	2.460	ng		99
23) Phenanthrene	16.84	178	1685305	19.515	ng		99
24) Anthracene	16.93	178	311542	3.587	ng	#	93
26) Fluoranthene	18.88	202	1809914	16.323	ng		99
28) Pyrene	19.24	202	1436668	12.461	ng	#	95
30) Benzo(a)anthracene	21.01	228	695313	6.178	ng		99
31) Chrysene	21.05	228	577422	5.315	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	5839	0.061	ng	#	83
33) Indeno(1,2,3-cd)pyrene	25.18	276	350672	2.679	ng		98
35) Benzo(b)fluoranthene	22.66	252	75585	0.669	ng		93
36) Benzo(k)fluoranthene	22.51	252	736660	6.596	ng	#	91
37) Benzo(a)pyrene	23.17	252	145026	1.349	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	86890	0.810	ng		96
39) Benzo(g,h,i)perylene	25.81	276	348321	3.258	ng		96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

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Misc :
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BNA_N
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S700-N-0.0-0.5-082019DL

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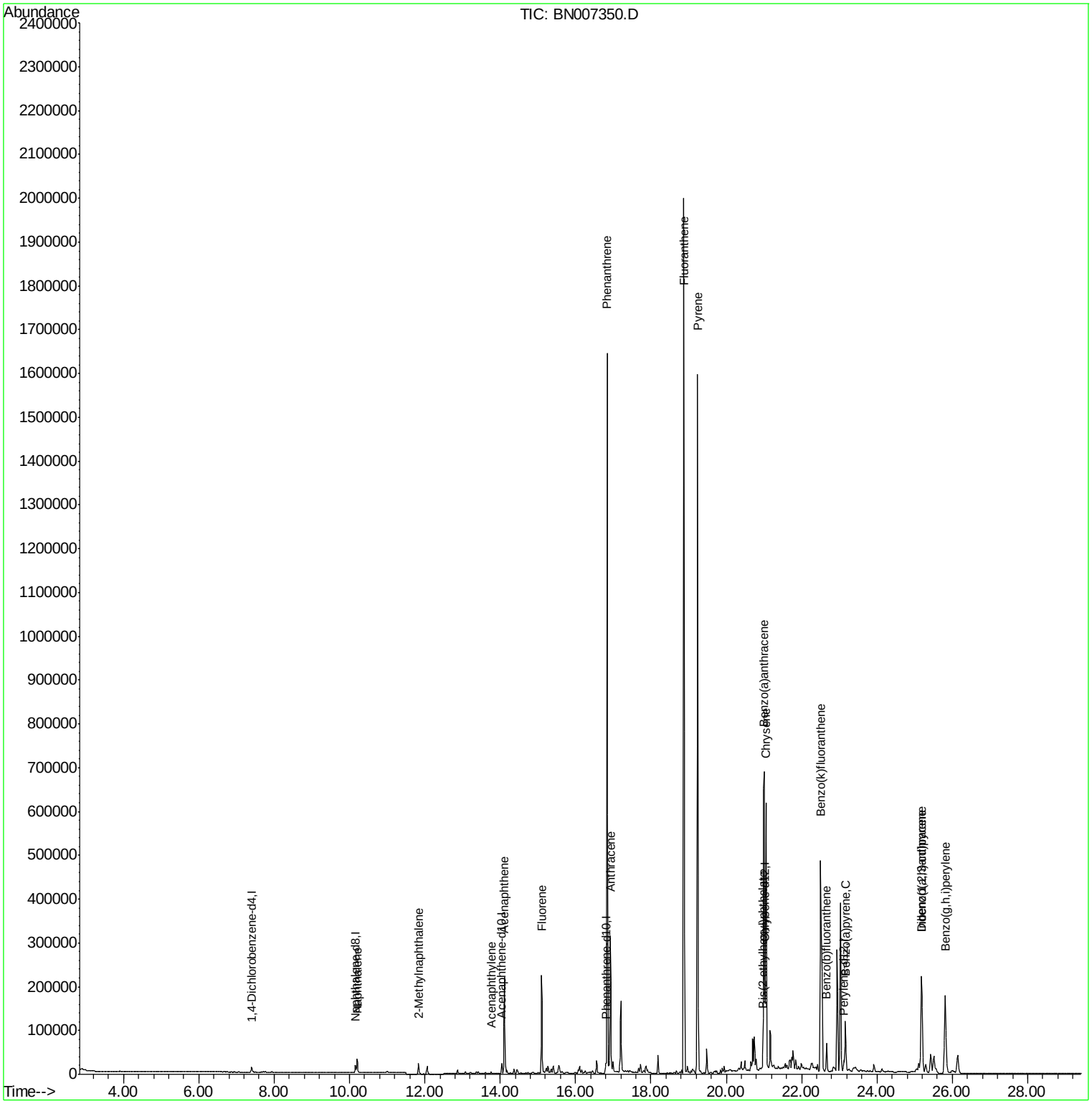
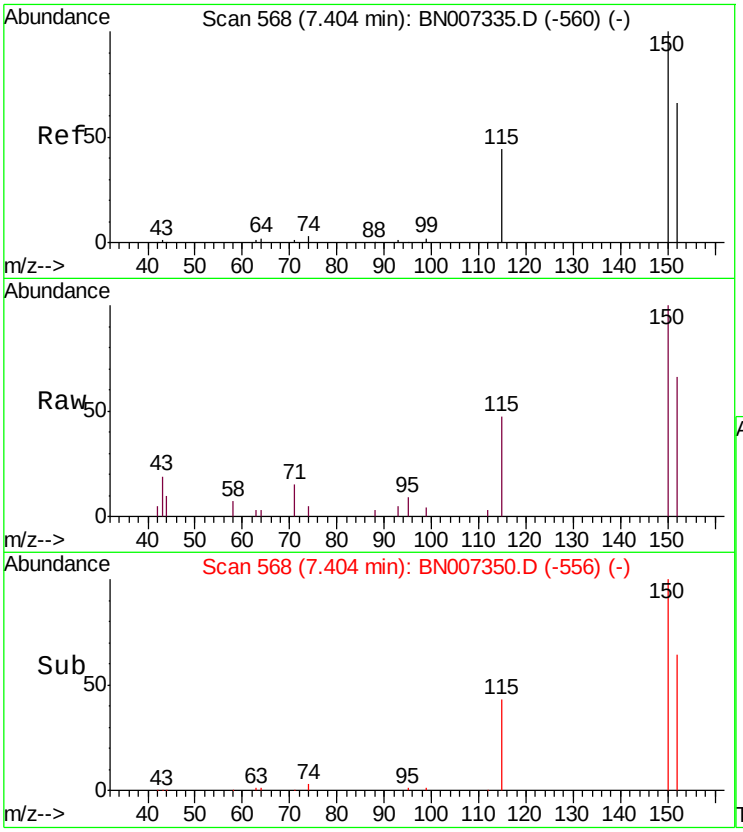
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



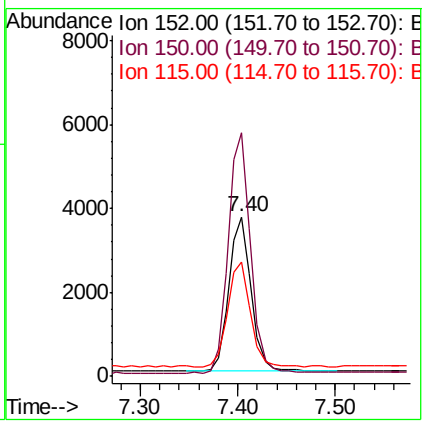


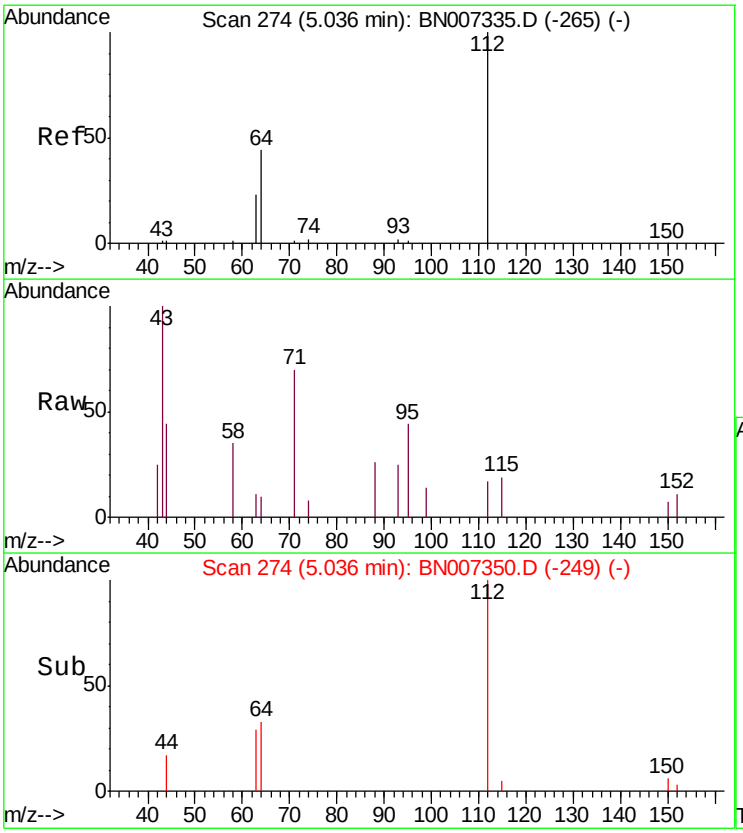
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:152 Resp: 5826

Ion	Ratio	Lower	Upper
152	100		
150	152.4	109.1	163.7
115	71.5	59.6	89.4

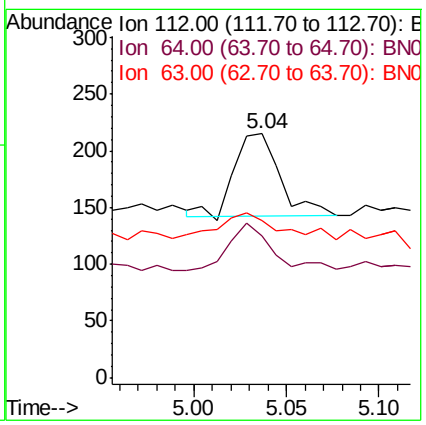


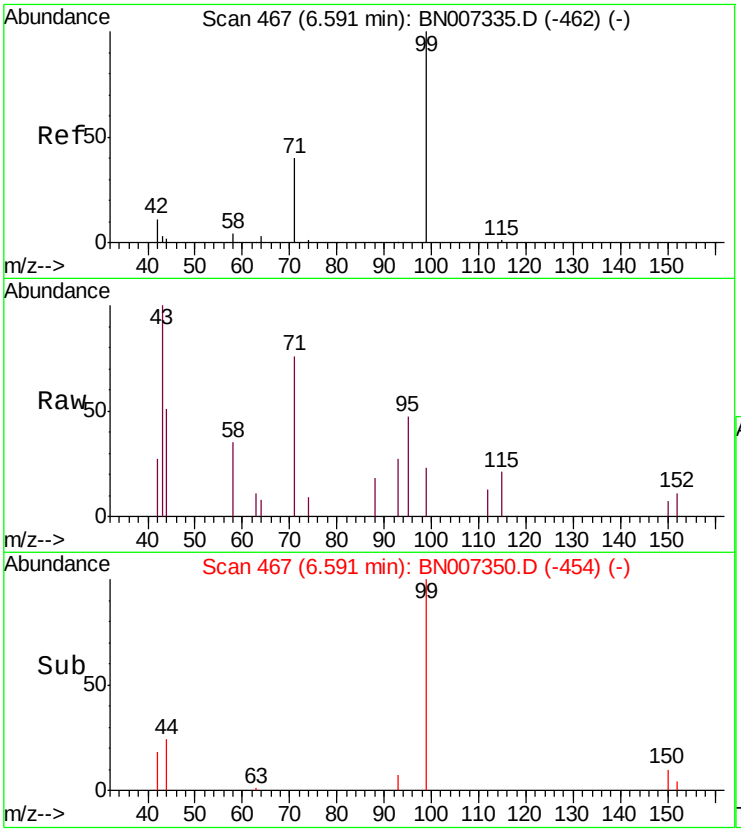


#4
2-Fluorophenol
Concen: -0.024 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:112 Resp: 125

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.3	63.5
63	42.4	23.6	35.4#



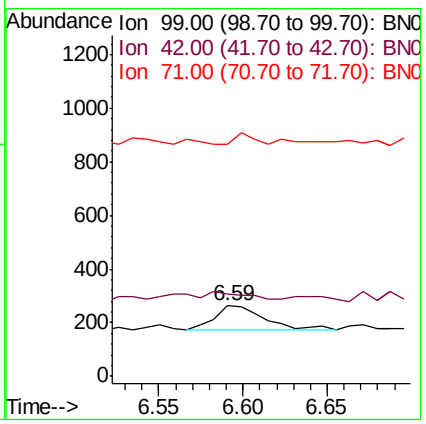


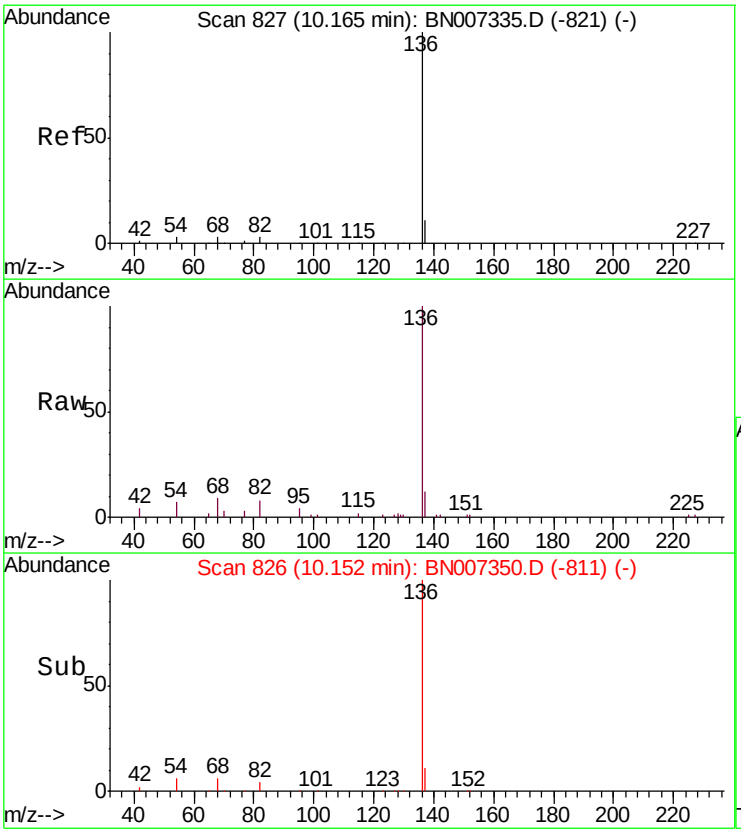
#5
Phenol-d6
Concen: -0.025 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion: 99 Resp: 193

Ion	Ratio	Lower	Upper
99	100		
42	23.3	11.2	16.8#
71	15.0	31.8	47.8#

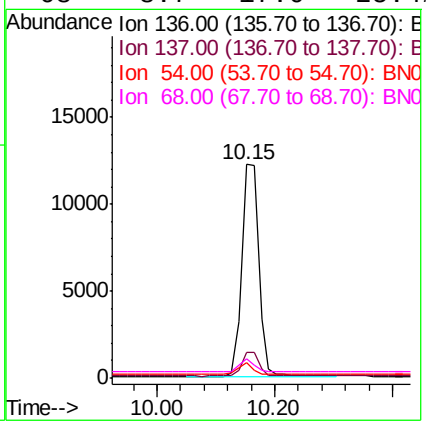


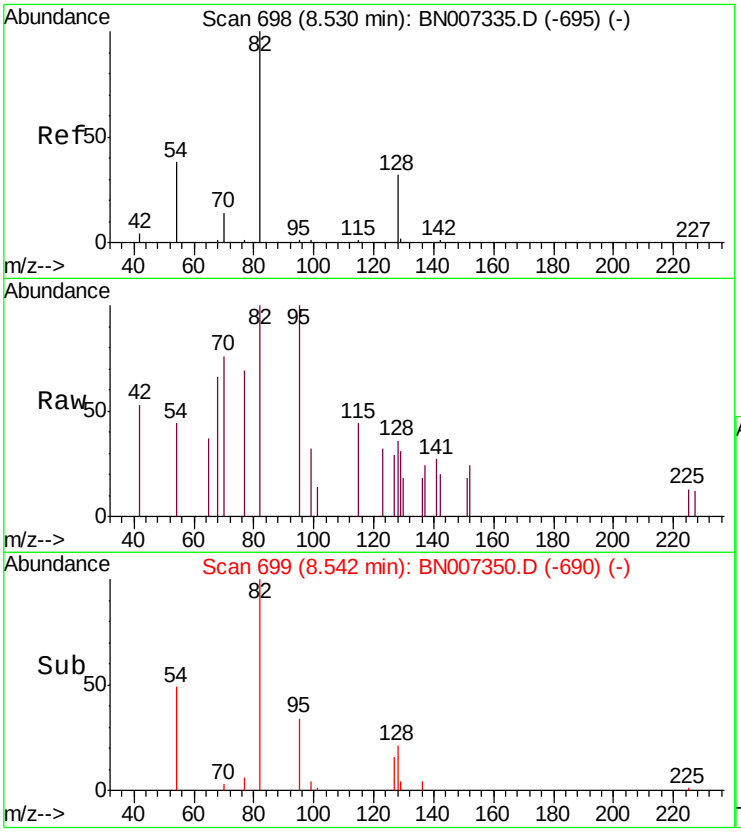


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:136 Resp: 24434

Ion	Ratio	Lower	Upper
136	100		
137	11.7	12.9	19.3#
54	7.2	8.6	12.8#
68	8.7	17.0	25.4#



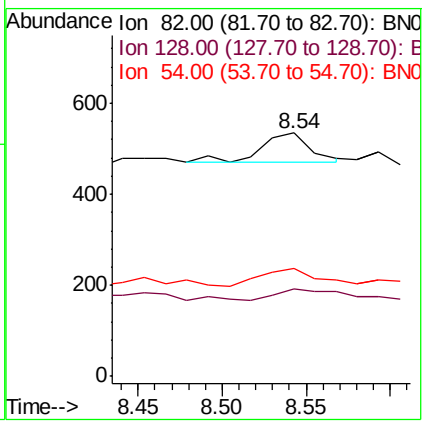


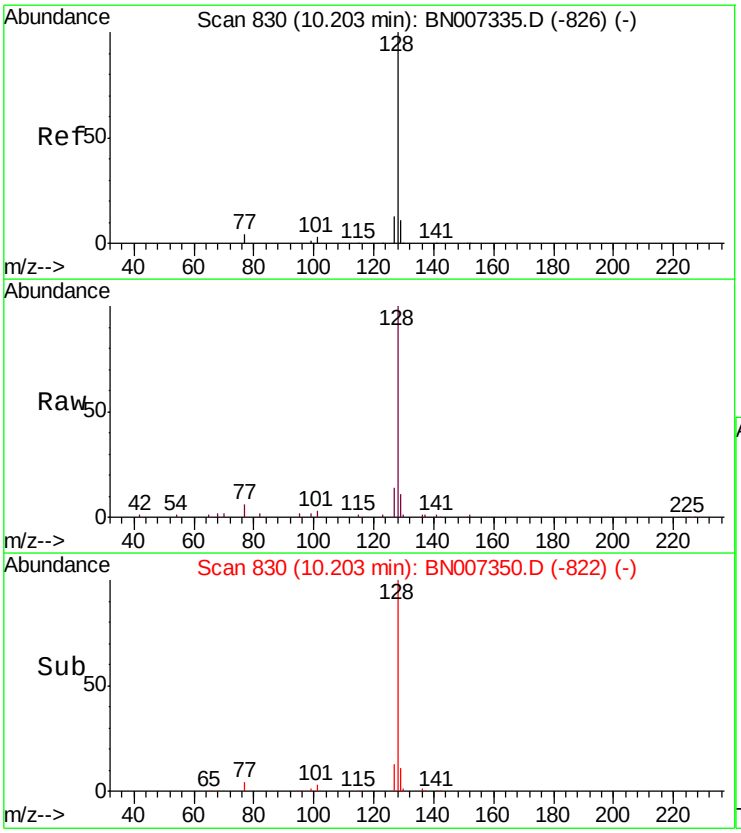
#8
Nitrobenzene-d5
Concen: 0.006 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion: 82 Resp: 125

Ion	Ratio	Lower	Upper
82	100		
128	36.1	19.7	29.5#
54	44.5	25.8	38.6#

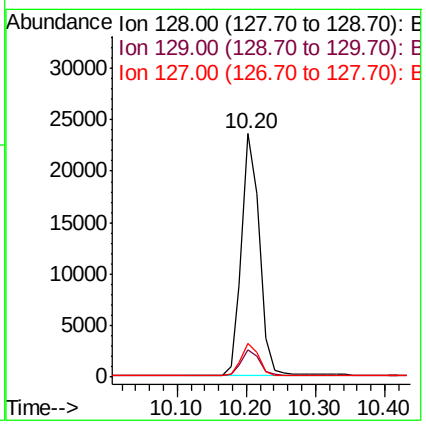


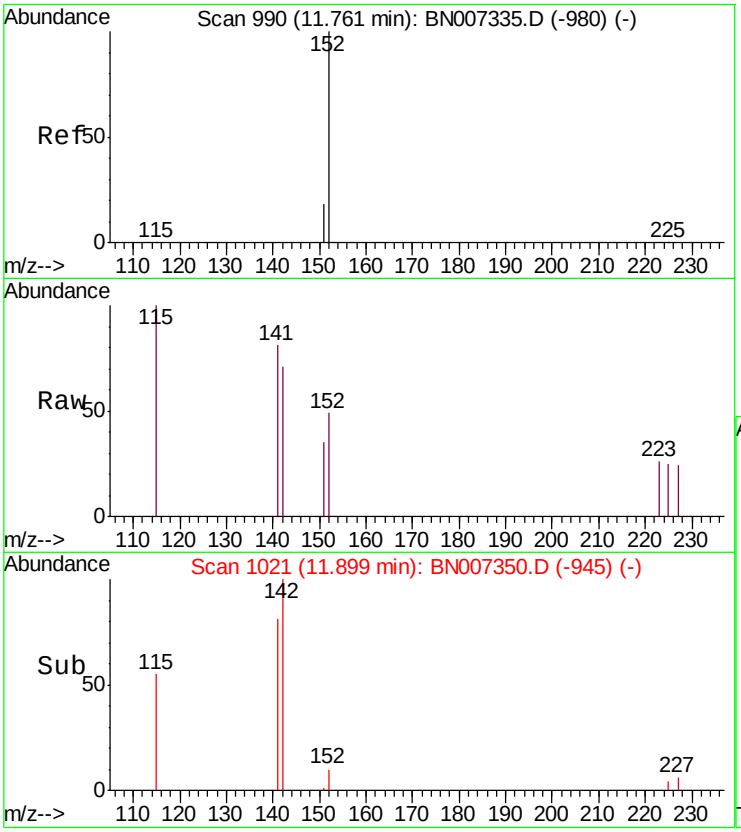


#9
Naphthalene
Concen: 0.604 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:128 Resp: 42165

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	14.0	15.5	23.3#



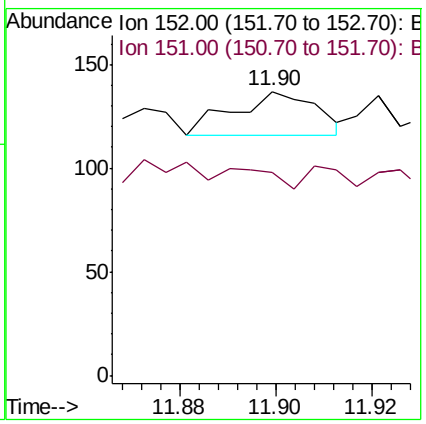


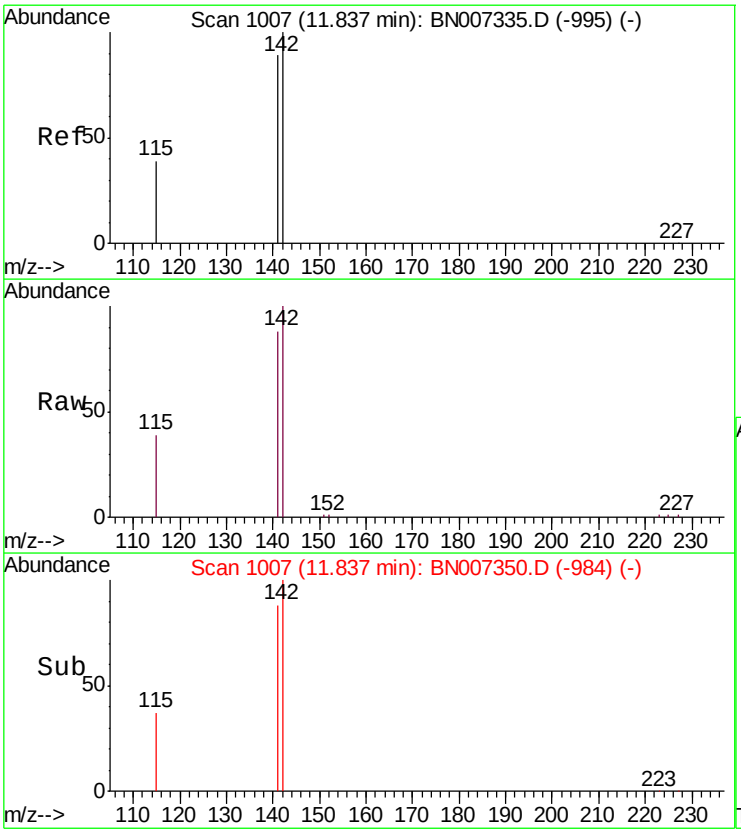
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.14 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:152 Resp: 25

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.2	24.2

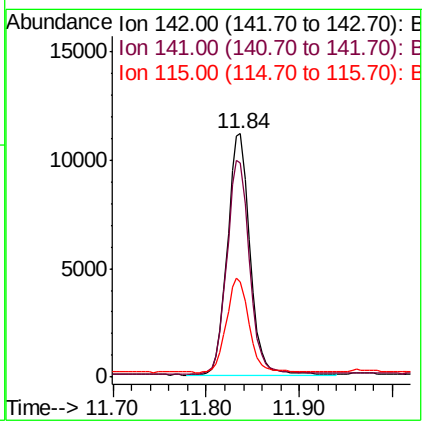


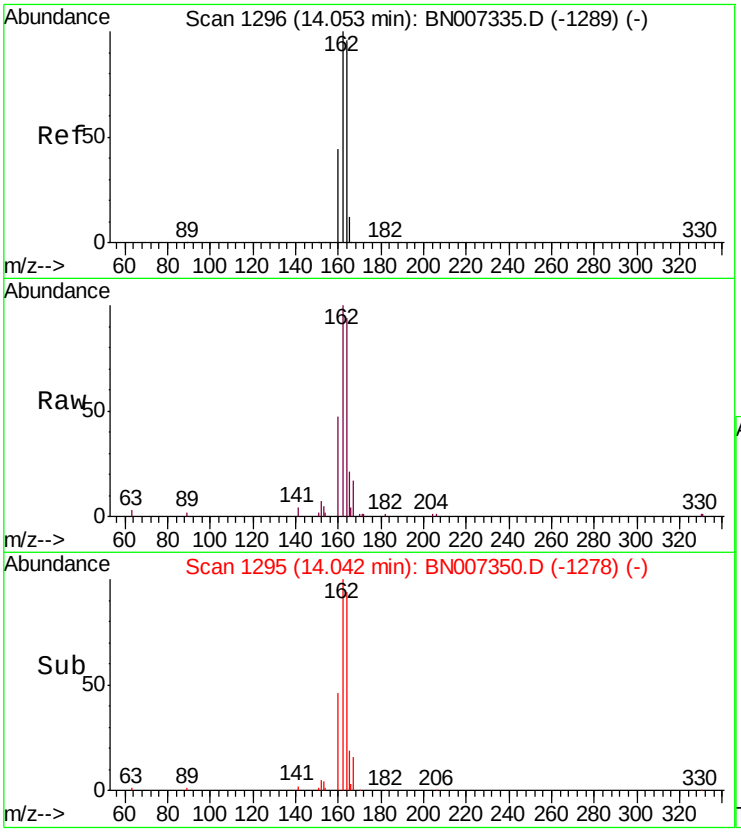


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 11.84 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:142 Resp: 18569

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.8	109.2
115	39.2	35.2	52.8



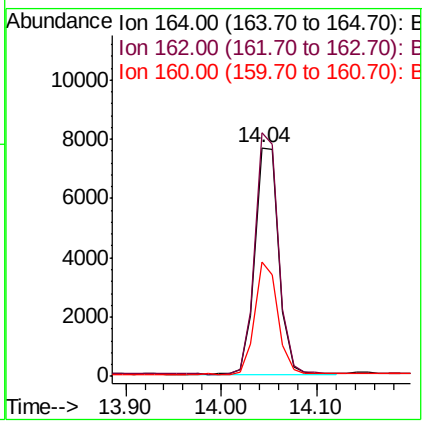


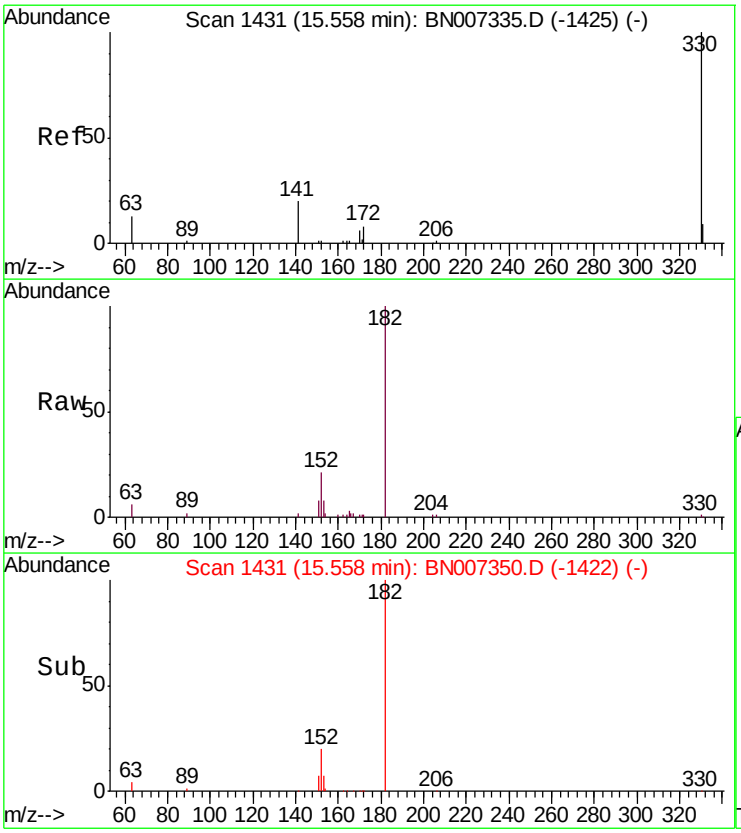
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:164 Resp: 13285

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.5	125.3
160	49.8	38.2	57.4

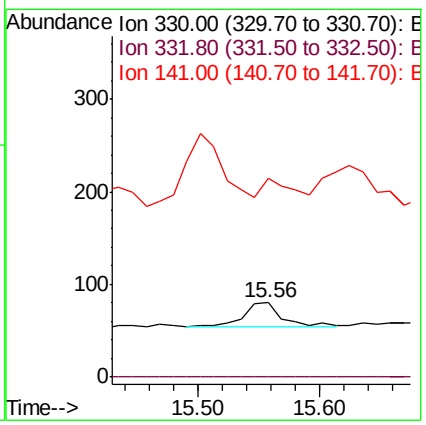


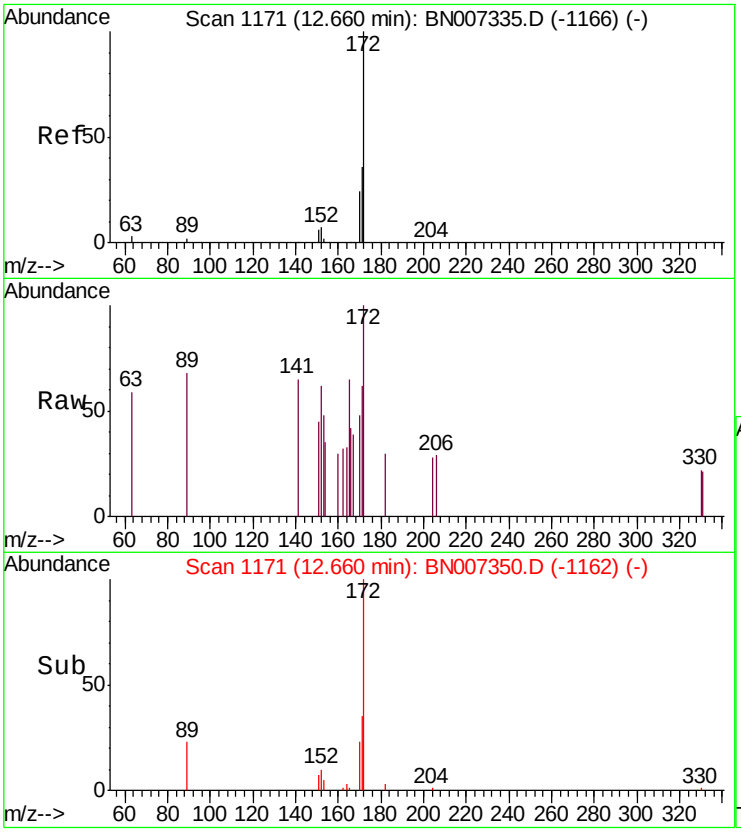


#14
2,4,6-Tribromophenol
Concen: 0.009 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:330 Resp: 60

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	88.3	26.9	40.3#



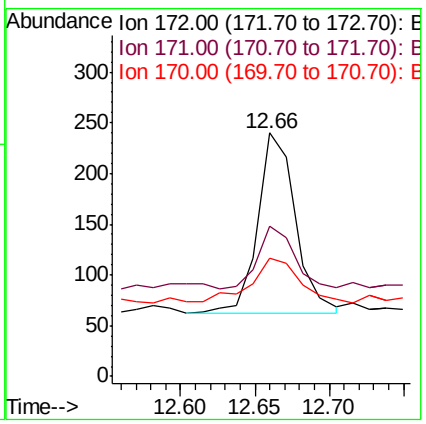


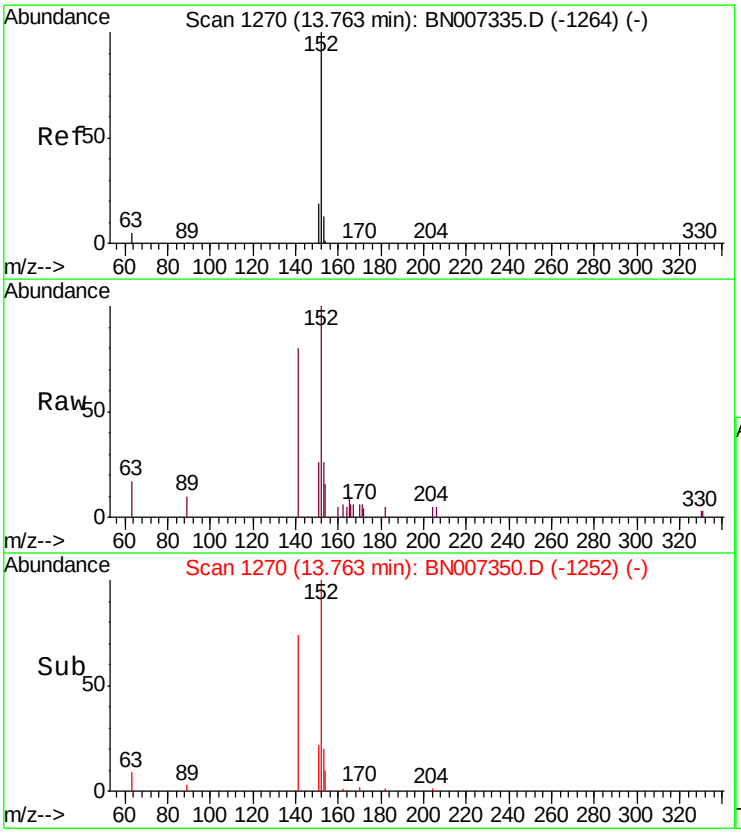
#15
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:172 Resp: 308

Ion	Ratio	Lower	Upper
172	100		
171	61.7	30.3	45.5#
170	48.3	20.7	31.1#

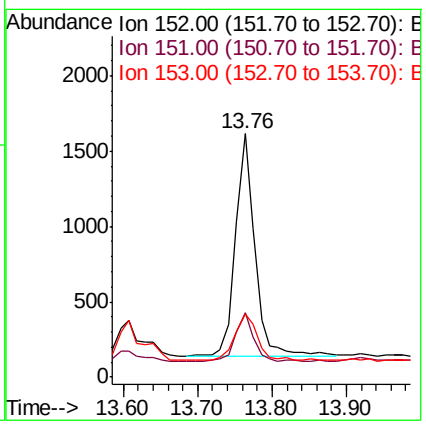


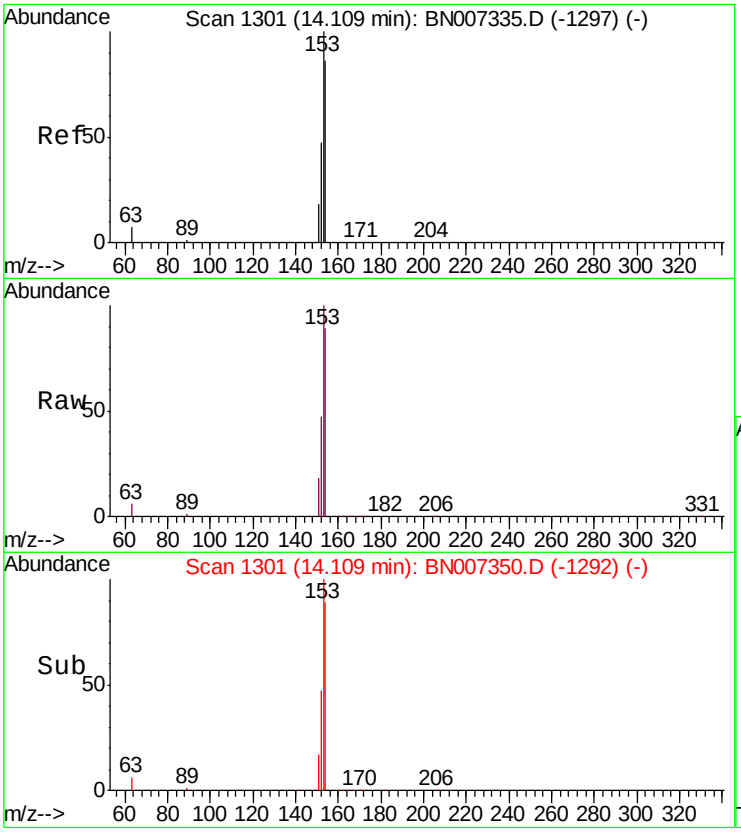


#16
Acenaphthylene
Concen: 0.034 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:152 Resp: 2690

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.1	24.1
153	23.5	10.6	15.8#



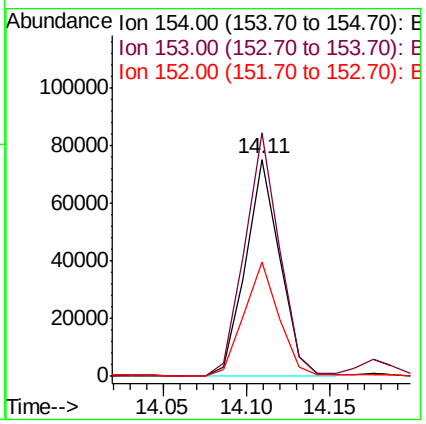


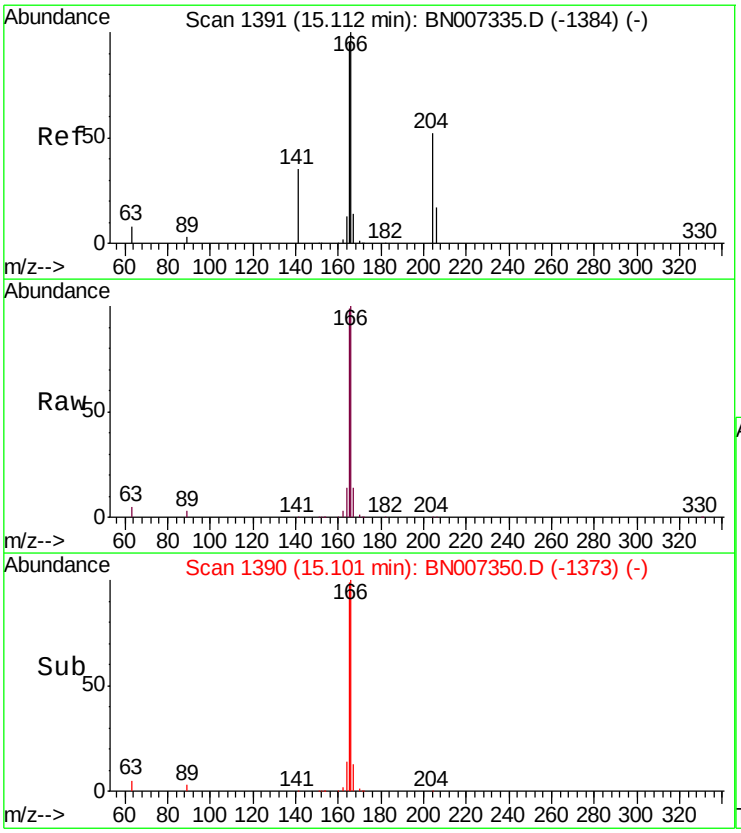
#17
Acenaphthene
Concen: 2.335 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:154 Resp: 107383

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.8	139.2
152	54.2	43.8	65.8

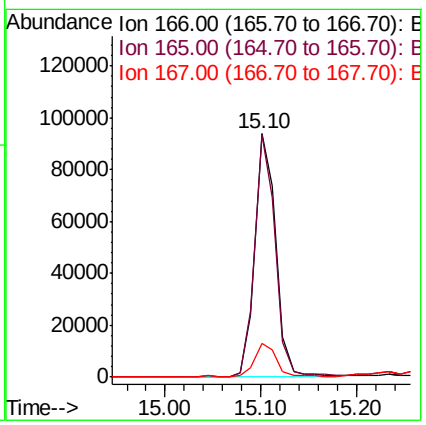


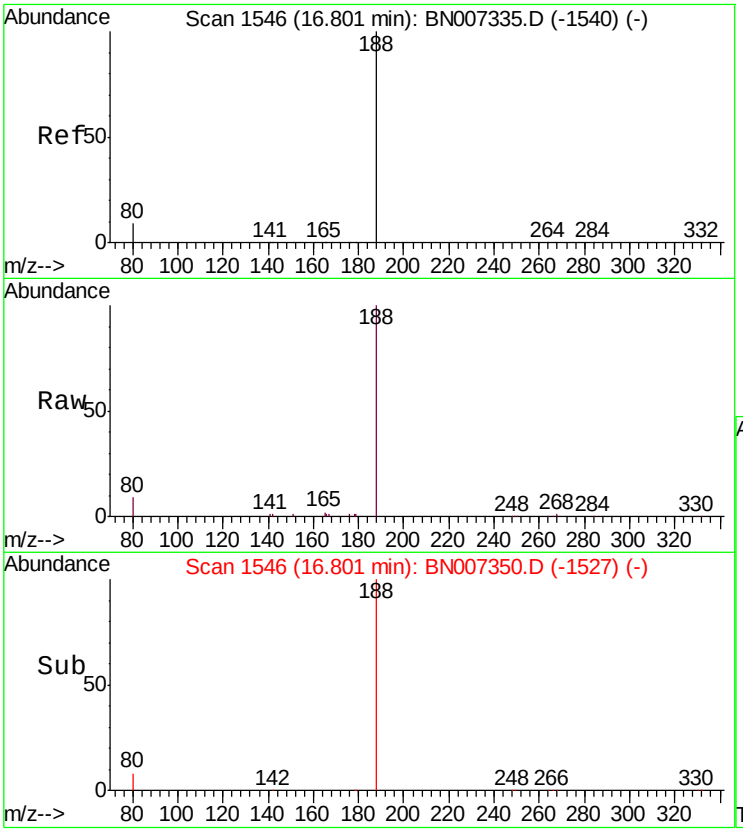


#18
Fluorene
Concen: 2.460 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:166 Resp: 143103

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	14.1	10.6	15.8



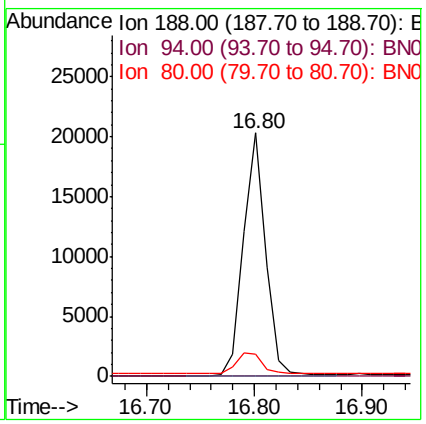


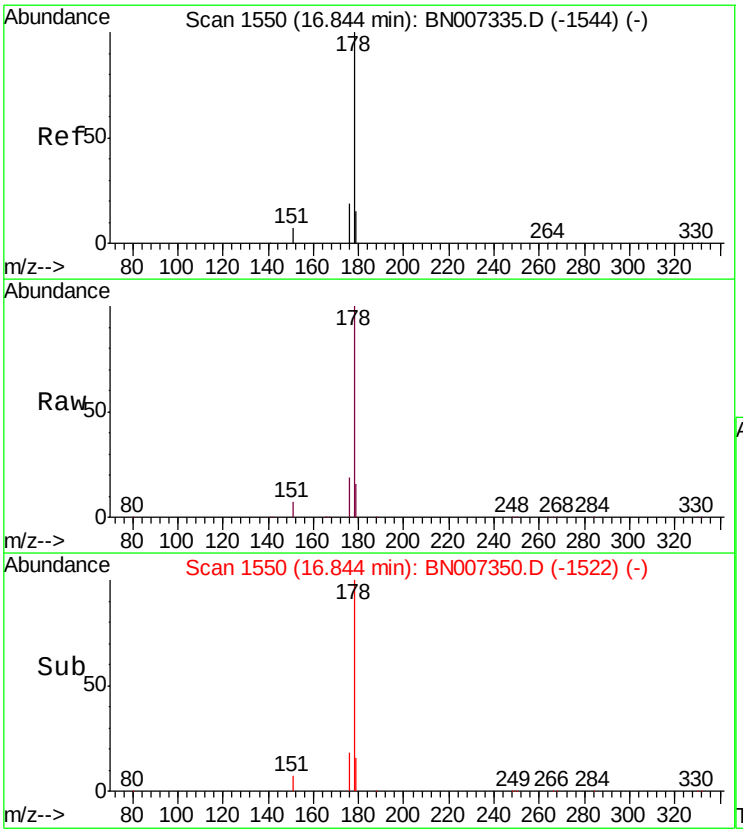
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:188 Resp: 28710

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	11.8	17.8#

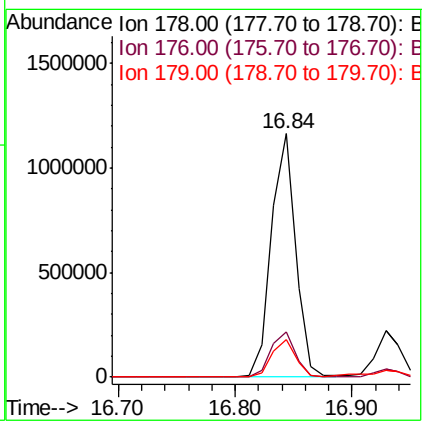


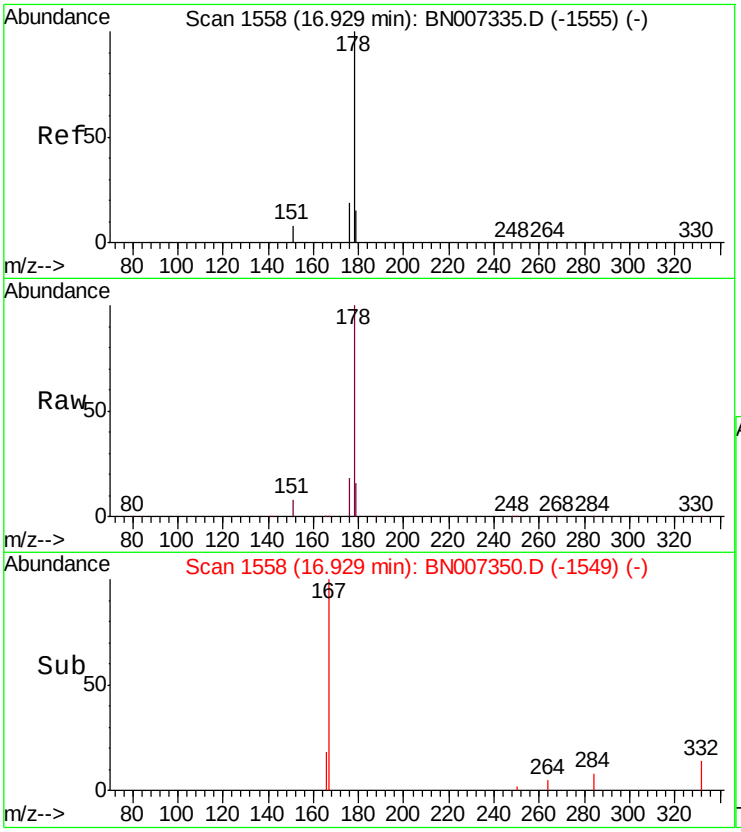


#23
Phenanthrene
Concen: 19.515 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:178 Resp: 1685305

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0



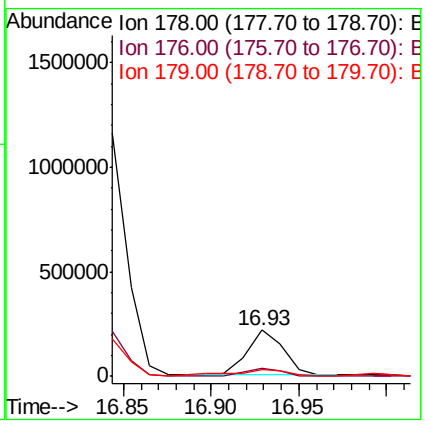


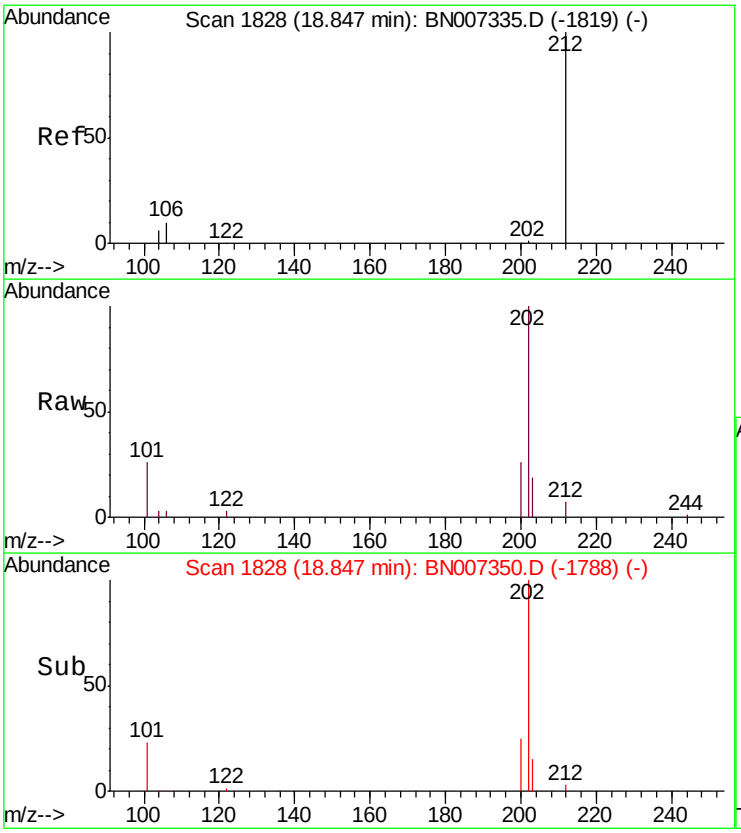
#24
Anthracene
Concen: 3.587 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:178 Resp: 311542

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	21.3	12.4	18.6#

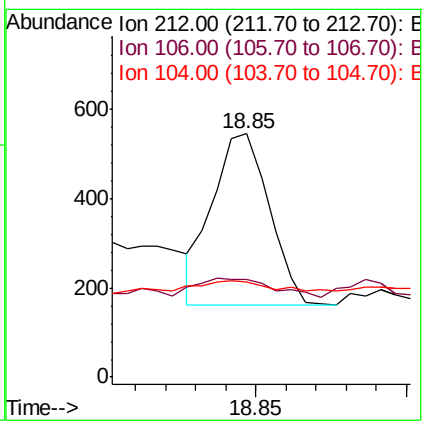


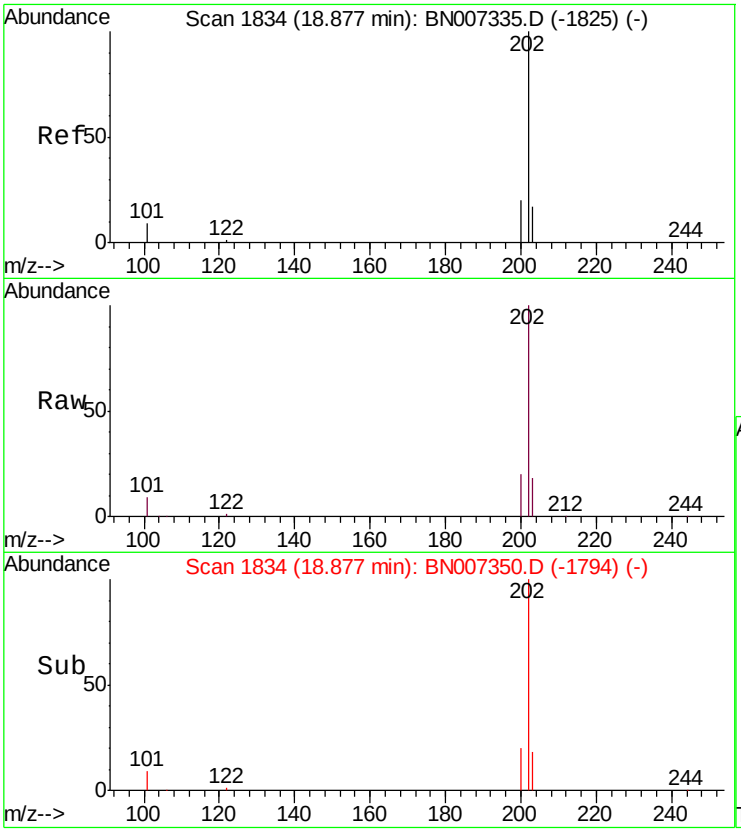


#25
Fluoranthene-d10
Concen: 0.005 ng
RT: 18.85 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:212 Resp: 504

Ion	Ratio	Lower	Upper
212	100		
106	14.3	9.0	13.4#
104	19.4	5.4	8.2#



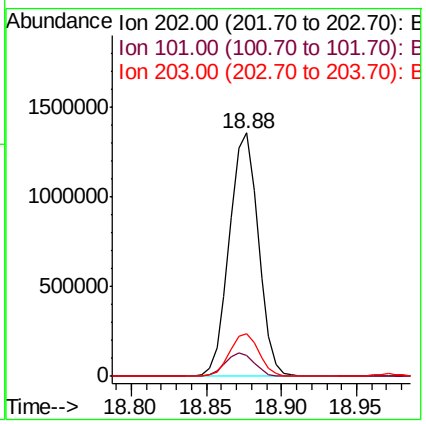


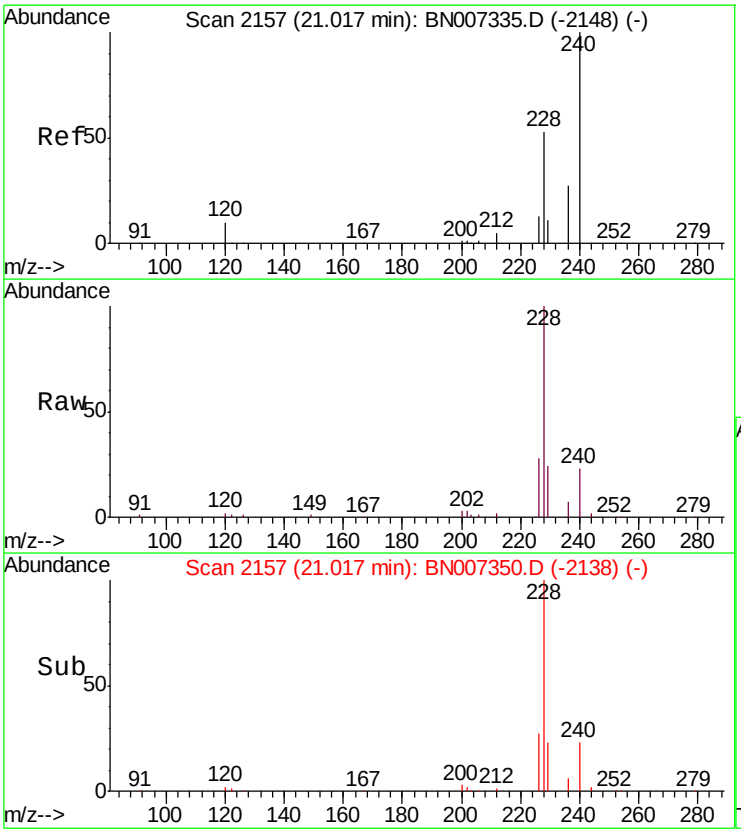
#26
Fluoranthene
Concen: 16.323 ng
RT: 18.88 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:202 Resp: 1809914

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	17.6	13.7	20.5

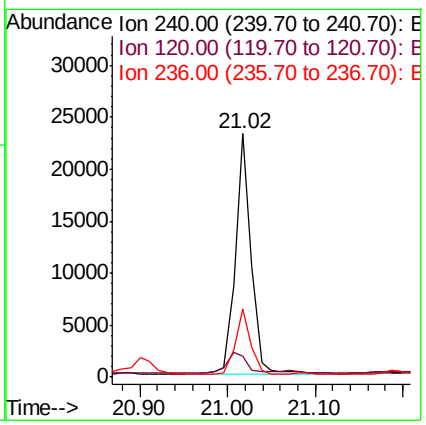


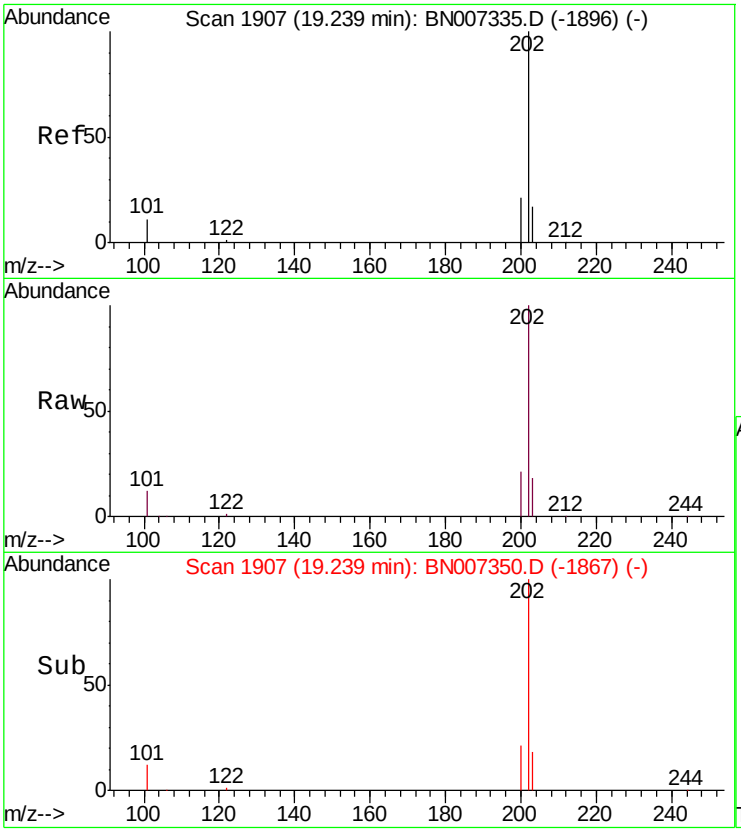


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:240 Resp: 28660

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.6	14.4#
236	27.9	22.2	33.2



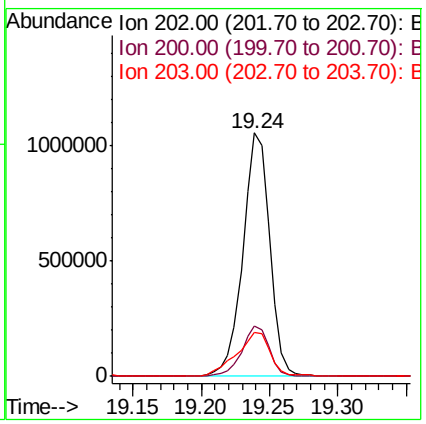


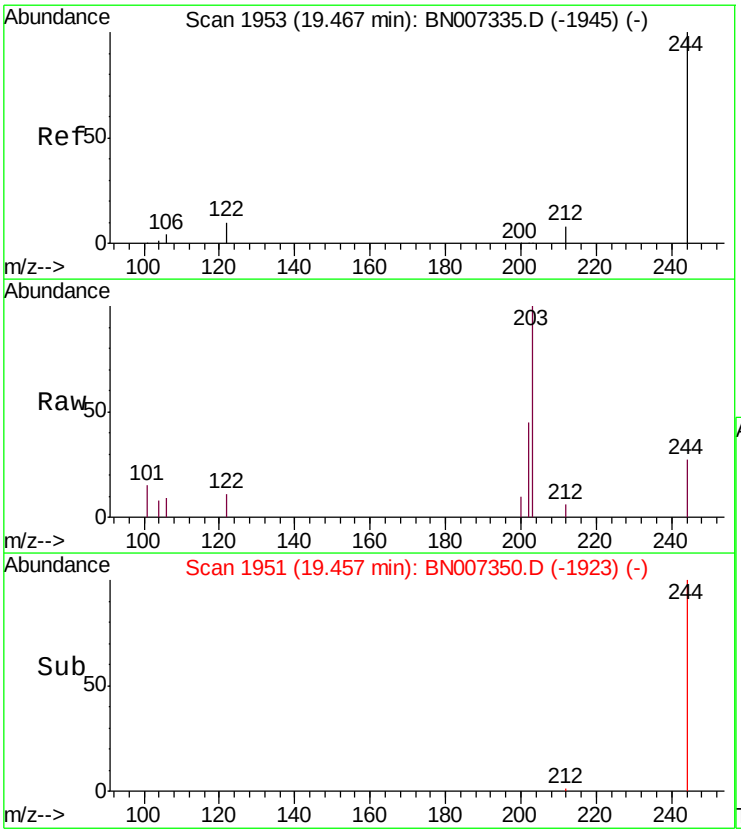
#28
Pyrene
Concen: 12.461 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:202 Resp: 1436668

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	22.8	14.2	21.4#

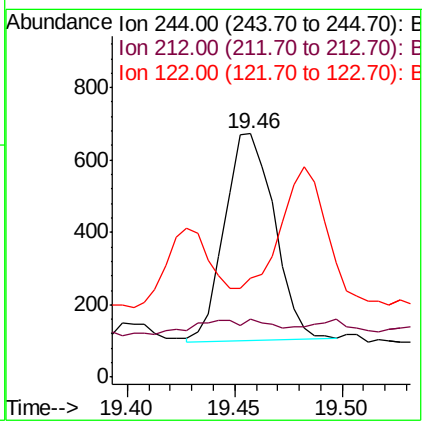


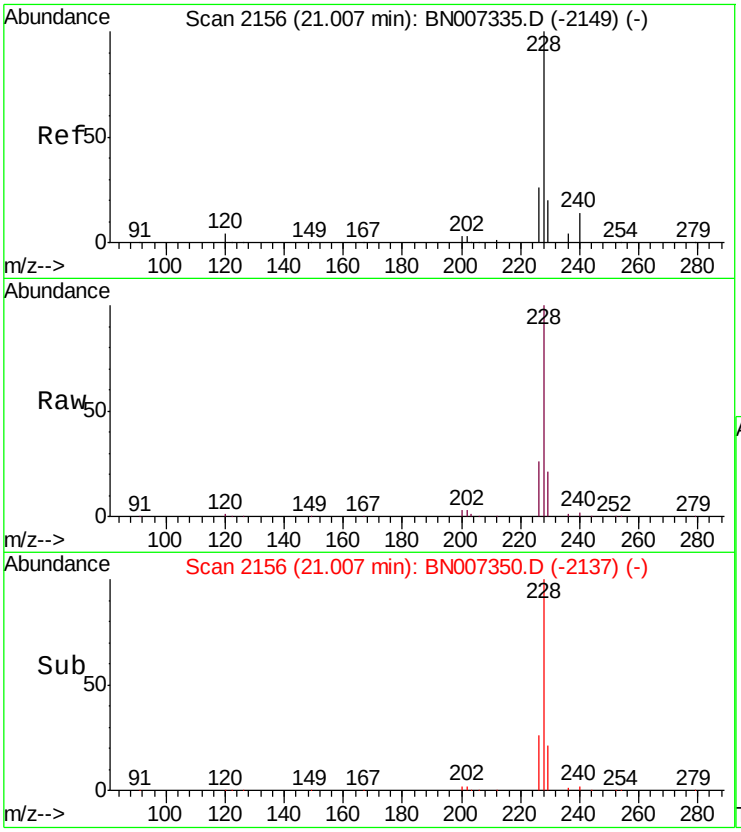


#29
Terphenyl-d14
Concen: 0.012 ng
RT: 19.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:244 Resp: 927

Ion	Ratio	Lower	Upper
244	100		
212	23.8	7.0	10.6#
122	40.6	9.6	14.4#



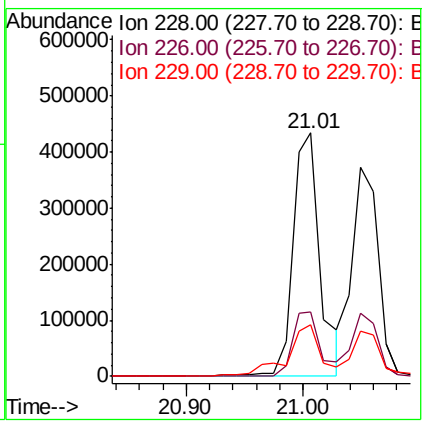


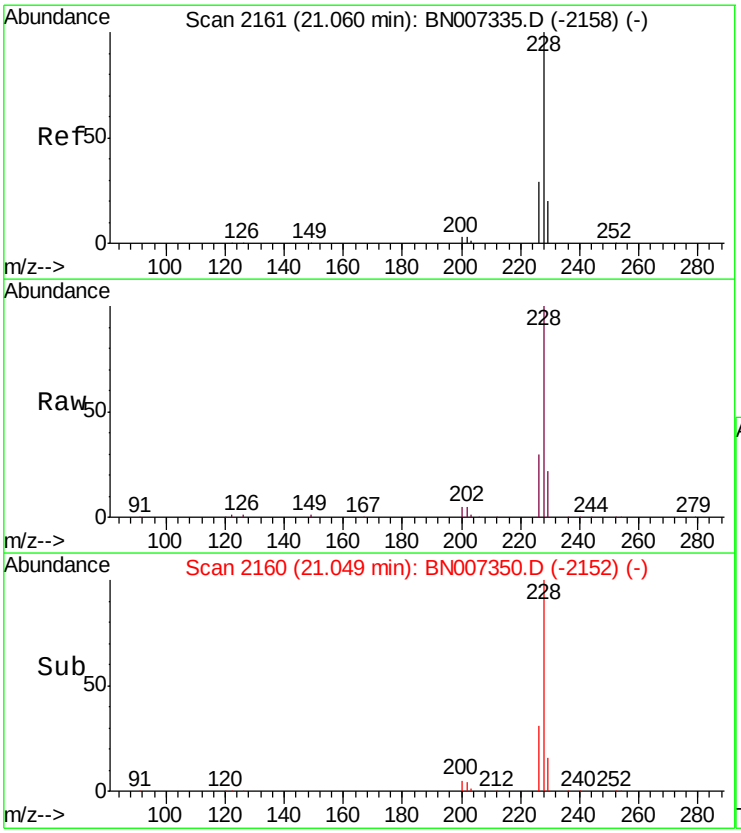
#30
Benzo(a)anthracene
Concen: 6.178 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:228 Resp: 695313

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	21.1	16.1	24.1

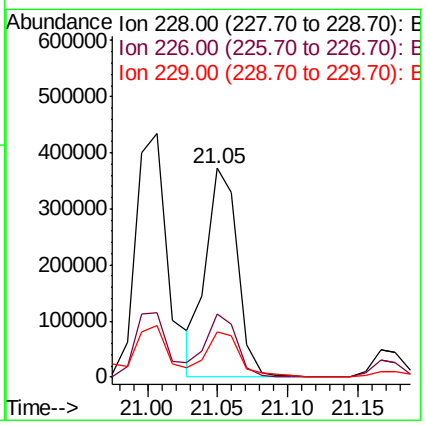


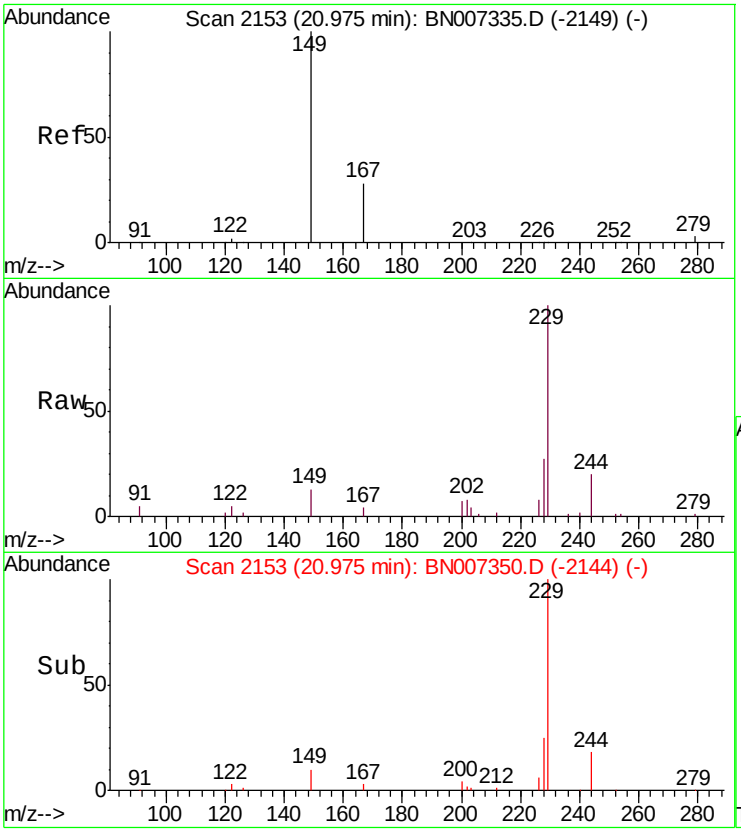


#31
Chrysene
Concen: 5.315 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:228 Resp: 577422

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	21.5	16.6	24.8



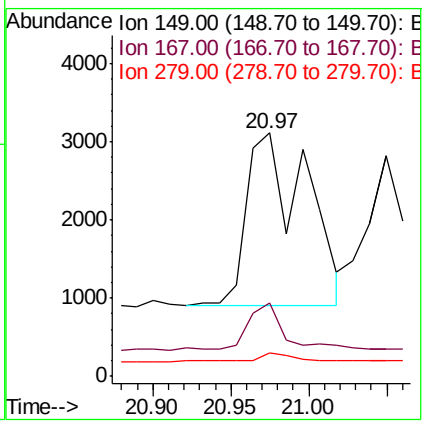


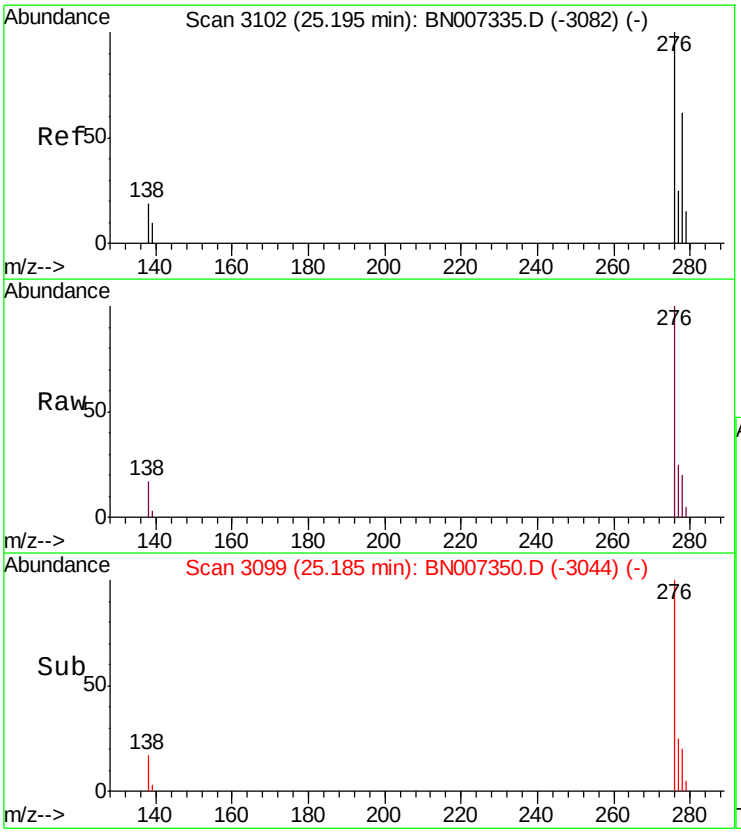
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:149 Resp: 5839

Ion	Ratio	Lower	Upper
149	100		
167	18.0	22.8	34.2#
279	4.1	3.5	5.3

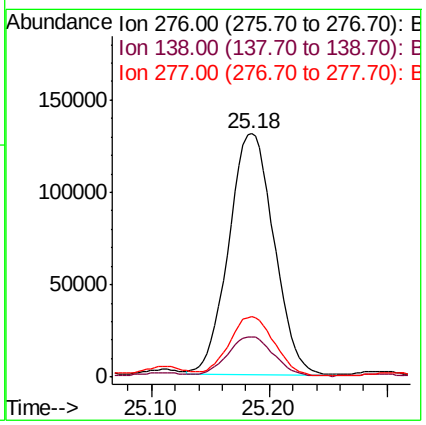


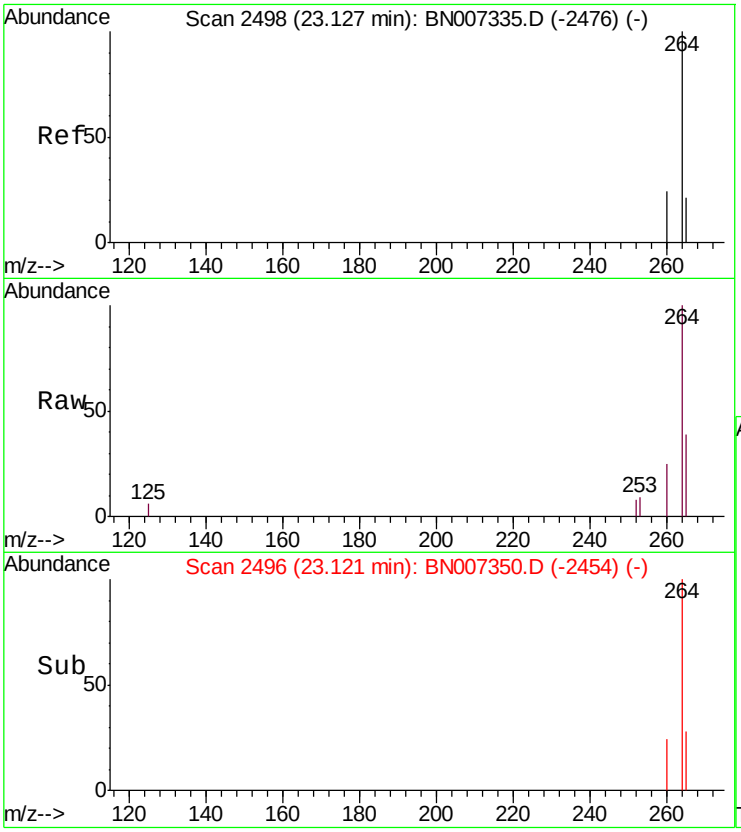


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.679 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:276 Resp: 350672

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
277	24.4	19.7	29.5



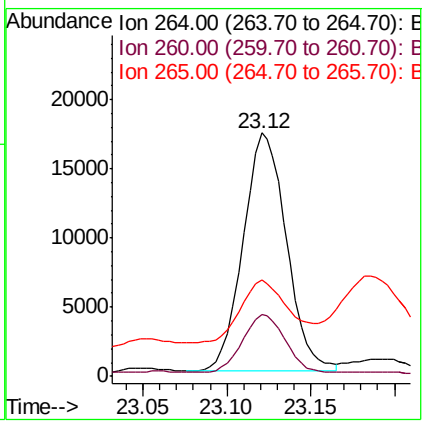


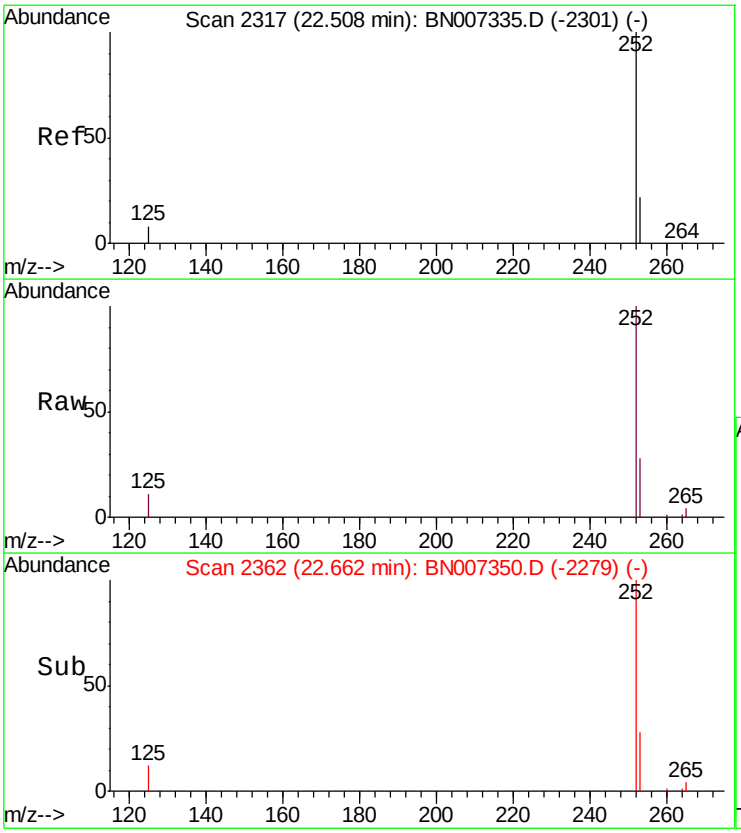
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:264 Resp: 31190

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	39.4	29.9	44.9

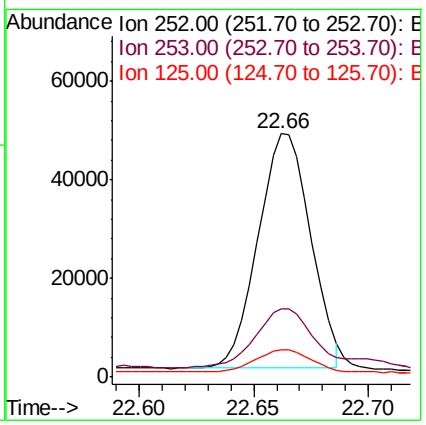


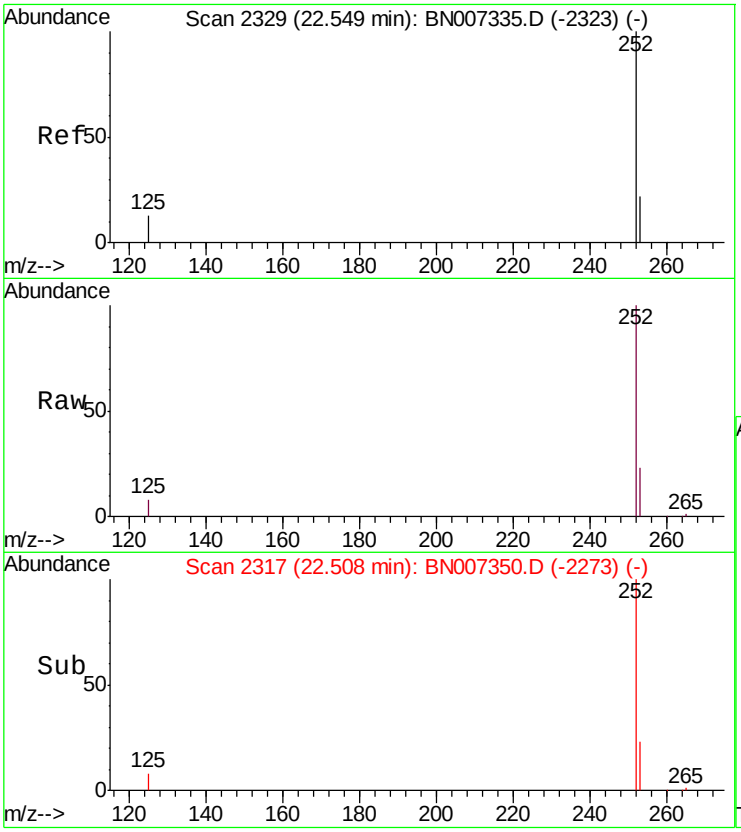


#35
Benzo(b)fluoranthene
Concen: 0.669 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.15 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:252 Resp: 75585

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	11.3	10.6	16.0



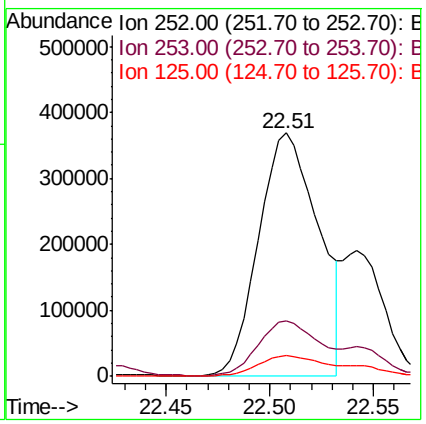


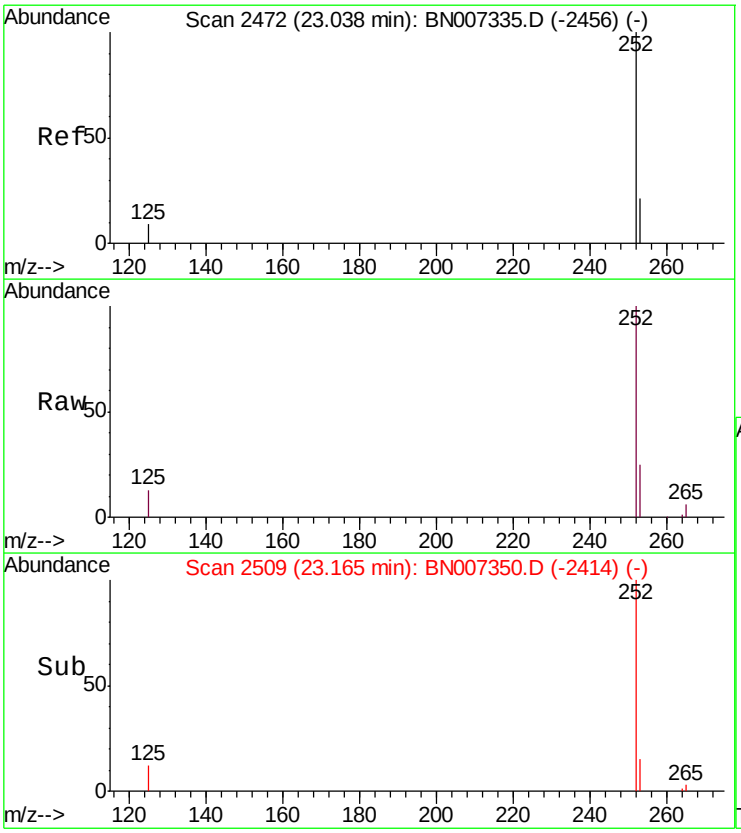
#36
Benzo(k)fluoranthene
Concen: 6.596 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:252 Resp: 736660

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	8.5	13.1	19.7#

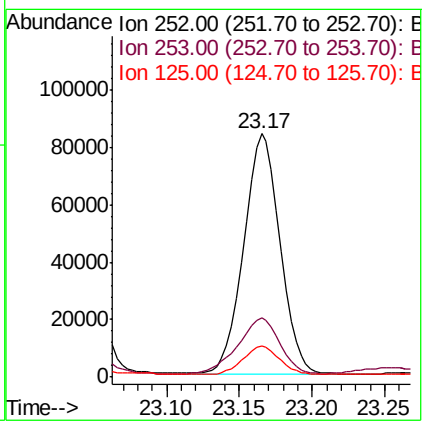


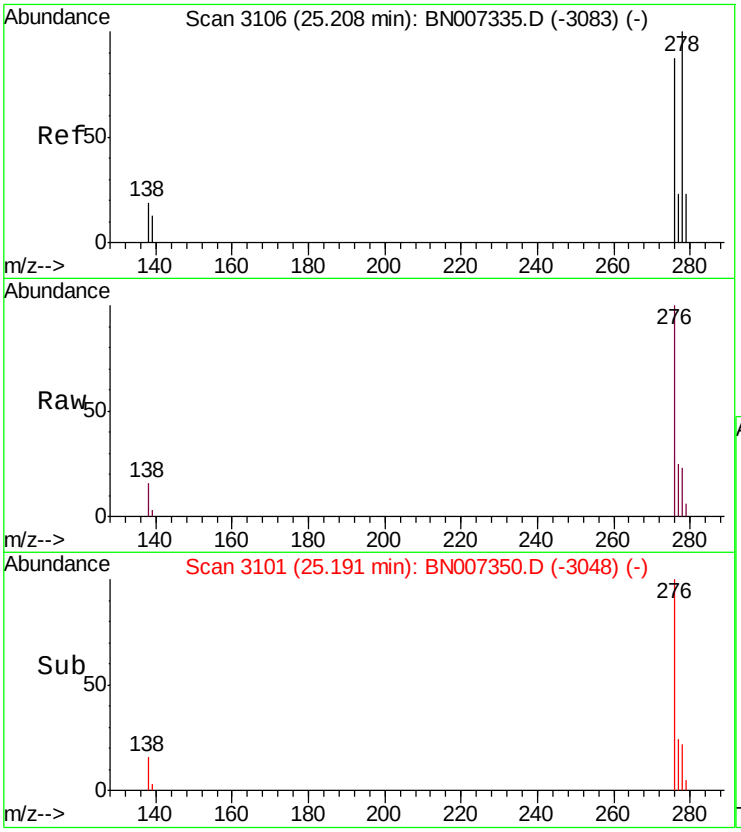


#37
Benzo(a)pyrene
Concen: 1.349 ng
RT: 23.17 min Scan# 2509
Delta R.T. 0.13 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:252 Resp: 145026

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	12.6	12.1	18.1



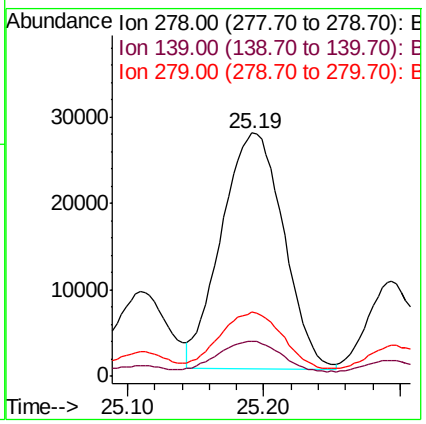


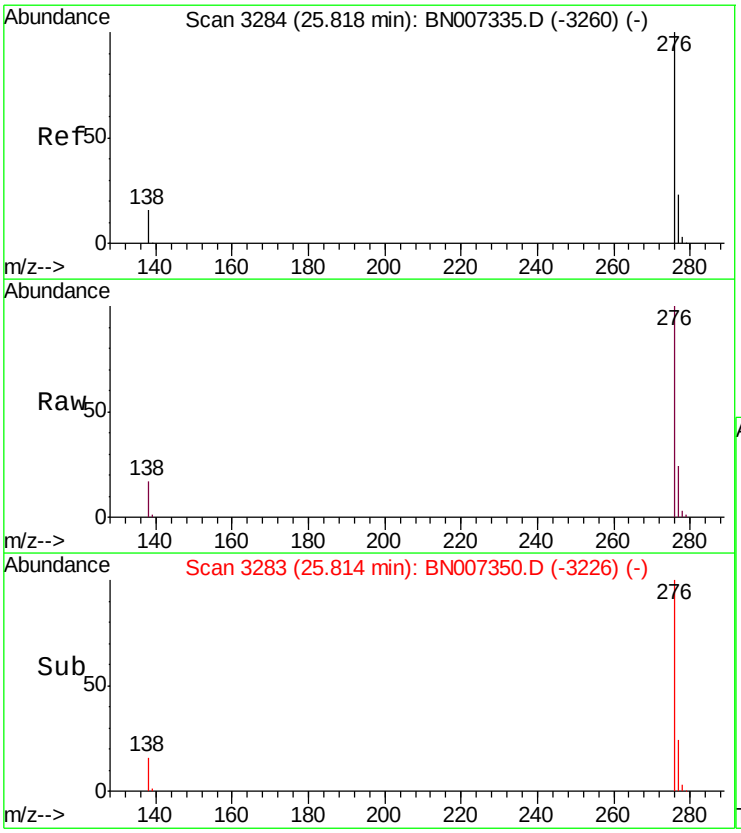
#38
Dibenzo(a,h)anthracene
Concen: 0.810 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:278 Resp: 86890

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.7	20.5
279	26.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 3.258 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:276 Resp: 348321

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	16.6	16.3	24.5