Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007384.D
Acq On : 25 Aug 2019 04:54
Operator : HP/JU
Sample : K4441-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S700-N-1.0-1.5-082019

Quant Time: Aug 25 05:39:03 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	7230	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	28479	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	13700	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	28061	0.40	ng		0.00
27) Chrysene-d12	21.02	240	32615	0.40	ng		0.00
34) Perylene-d12	23.12	264	38322	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5221	0.19	ng		0.00
5) Phenol-d6	6.59	99	6769	0.20	ng		0.00
8) Nitrobenzene-d5	8.53	82	5041	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	9743	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1501	0.21	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	11748	0.21	ng		0.00
25) Fluoranthene-d10	18.84	212	16711	0.18	ng		0.00
29) Terphenyl-d14	19.46	244	12756	0.15	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	22123	0.272	ng	#	90
12) 2-Methylnaphthalene	11.83	142	10152	0.183	ng		97
16) Acenaphthylene	13.76	152	7191	0.089	ng	#	96
17) Acenaphthene	14.11	154	77265	1.629	ng		98
18) Fluorene	15.10	166	75456	1.258	ng		99
23) Phenanthrene	16.84	178	1255711	14.877	ng		99
24) Anthracene	16.93	178	233744	2.753	ng	#	93
26) Fluoranthene	18.87	202	2384766	22.005	ng		99
28) Pyrene	19.24	202	2106576	16.056	ng	#	96
30) Benzo(a)anthracene	21.01	228	1808985	14.123	ng		98
31) Chrysene	21.05	228	1533509	12.404	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	18681	0.206	ng	#	88
33) Indeno(1,2,3-cd)pyrene	25.18	276	1022049	6.862	ng		97
35) Benzo(b)fluoranthene	22.51	252	2404040	17.314	ng	#	94
36) Benzo(k)fluoranthene	22.51	252	2404040	17.519	ng	#	90
37) Benzo(a)pyrene	23.03	252	1684092	12.746	ng	#	92
38) Dibenzo(a,h)anthracene	25.19	278	307280	2.331	ng	#	96
39) Benzo(g,h,i)perylene	25.81	276	1016060	7.735	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
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S700-N-1.0-1.5-082019

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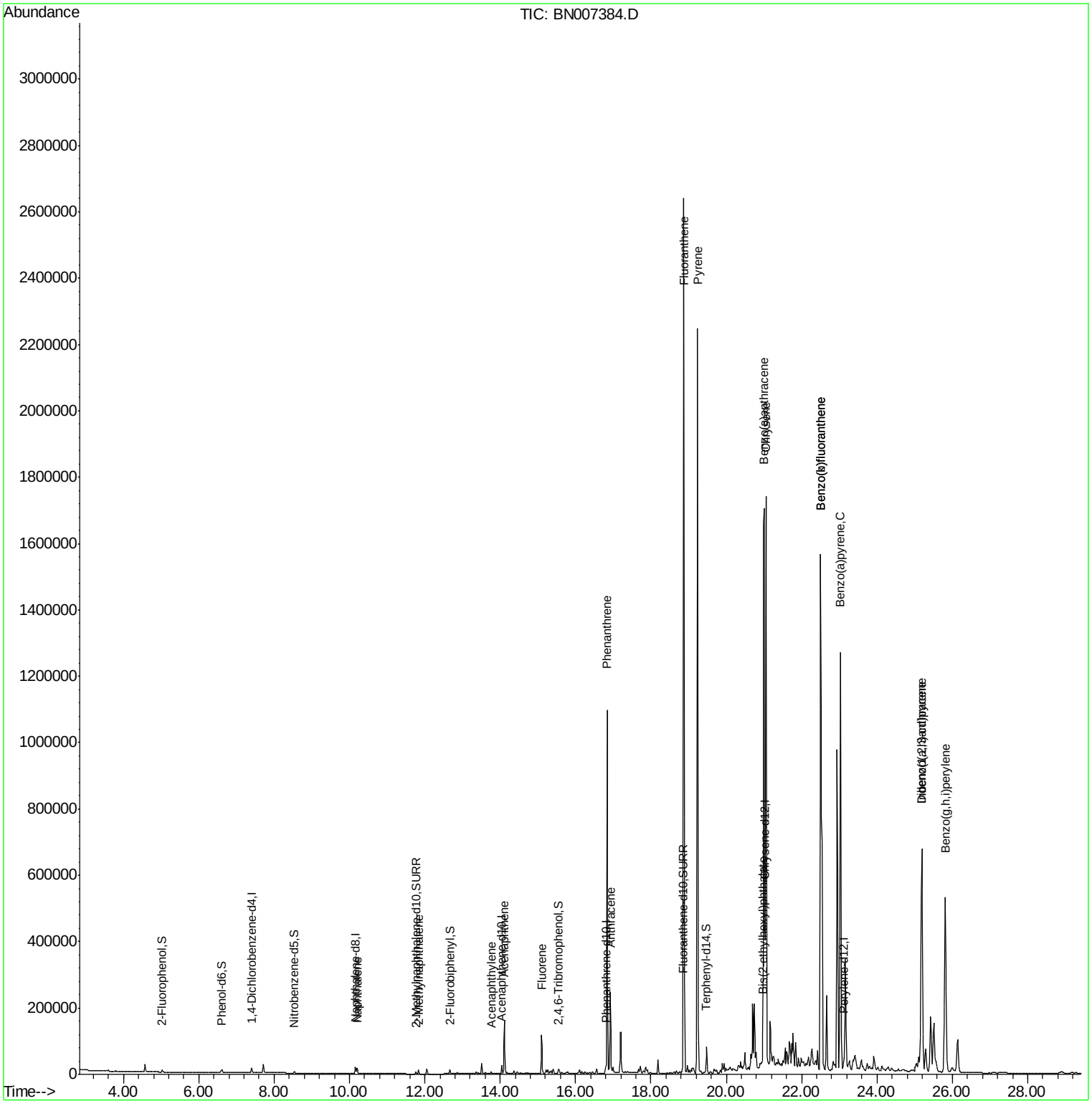
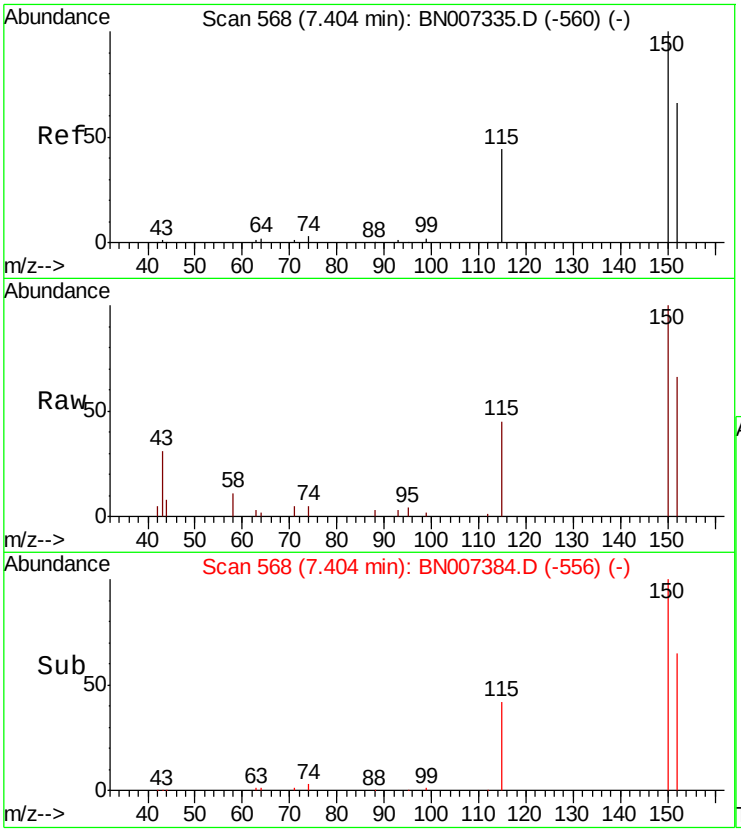
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



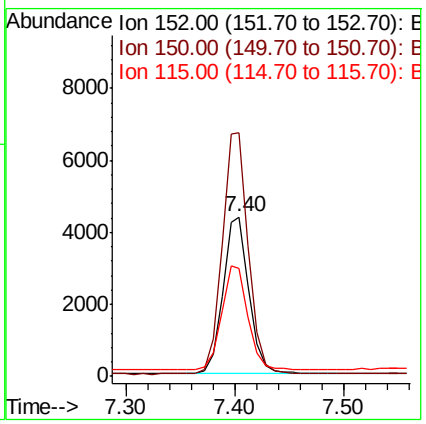


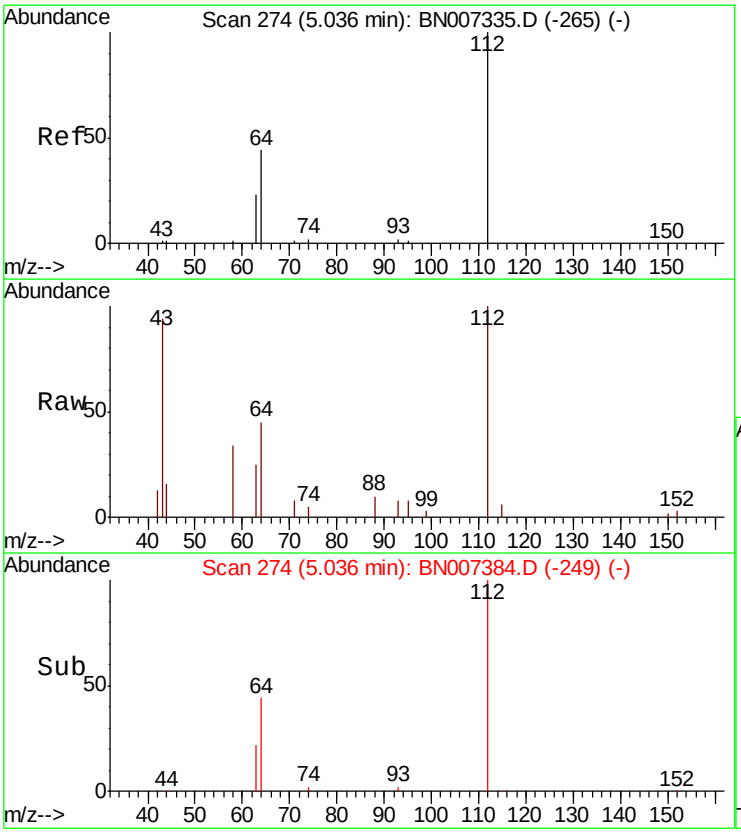
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:152 Resp: 7230

Ion	Ratio	Lower	Upper
152	100		
150	152.4	109.1	163.7
115	67.9	59.6	89.4

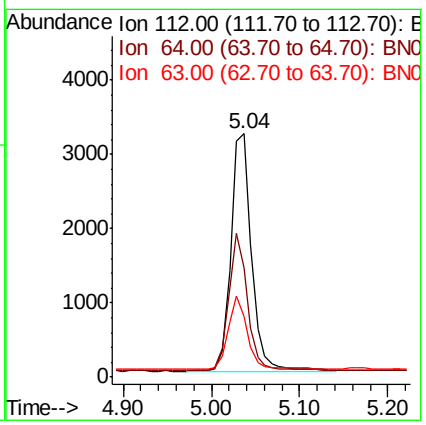


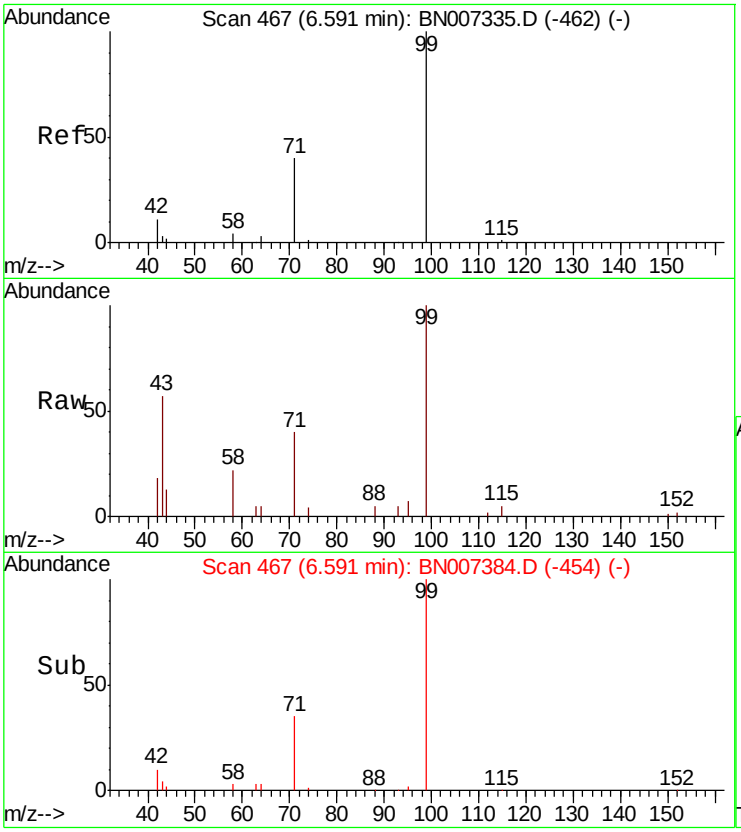


#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:112 Resp: 5221

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.3	63.5
63	28.3	23.6	35.4



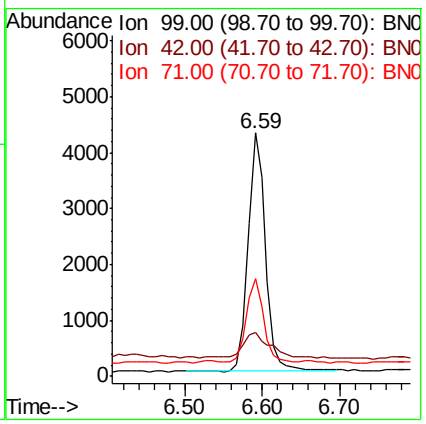


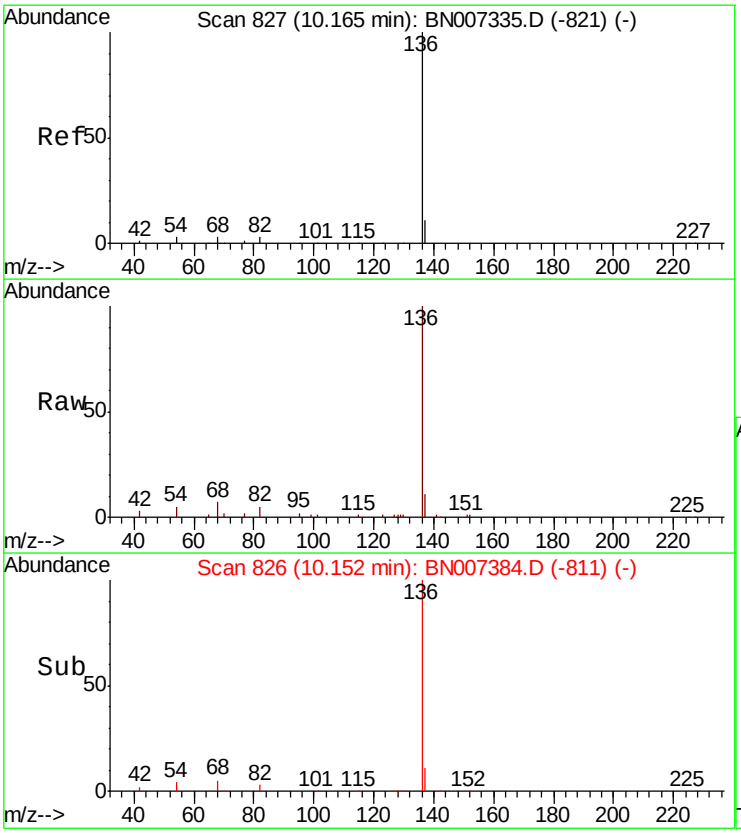
#5
Phenol-d6
Concen: 0.197 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion: 99 Resp: 6769

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.2	16.8
71	34.2	31.8	47.8

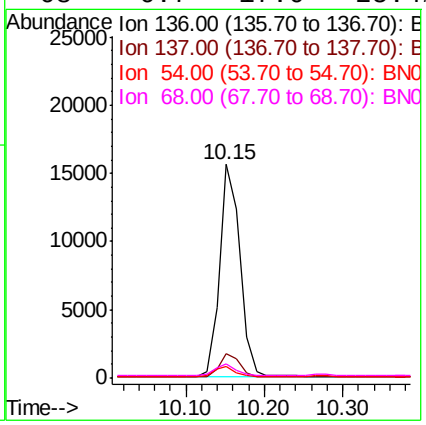


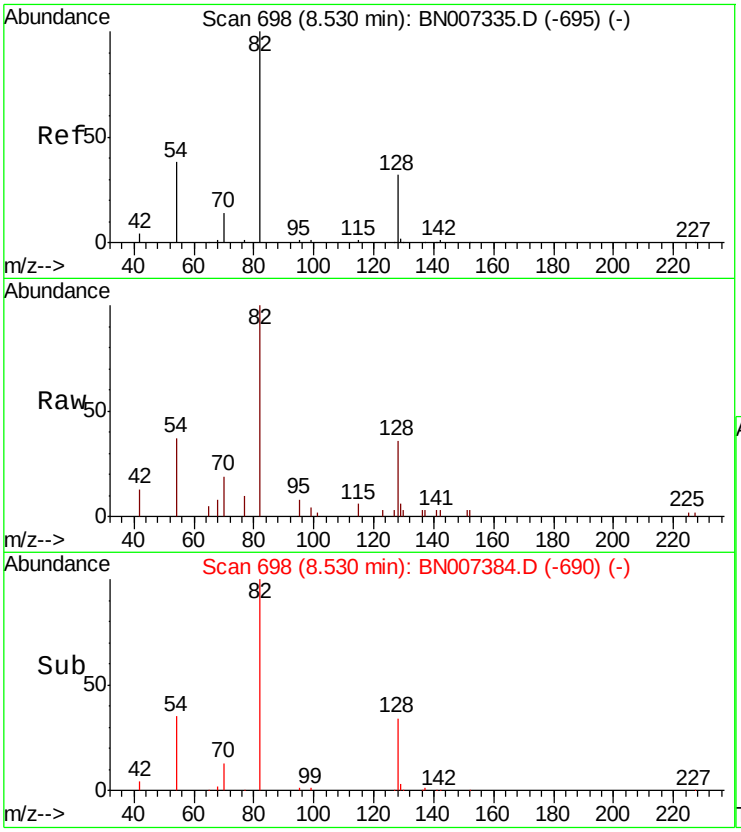


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:136 Resp: 28479

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.3	8.6	12.8#
68	6.7	17.0	25.4#



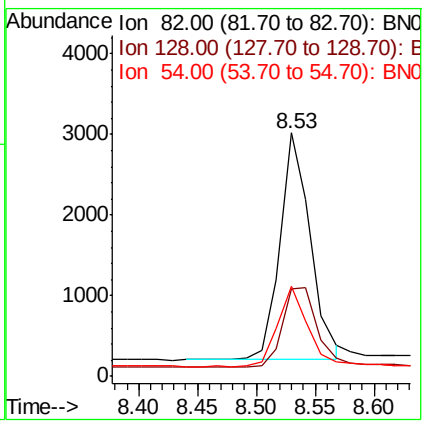


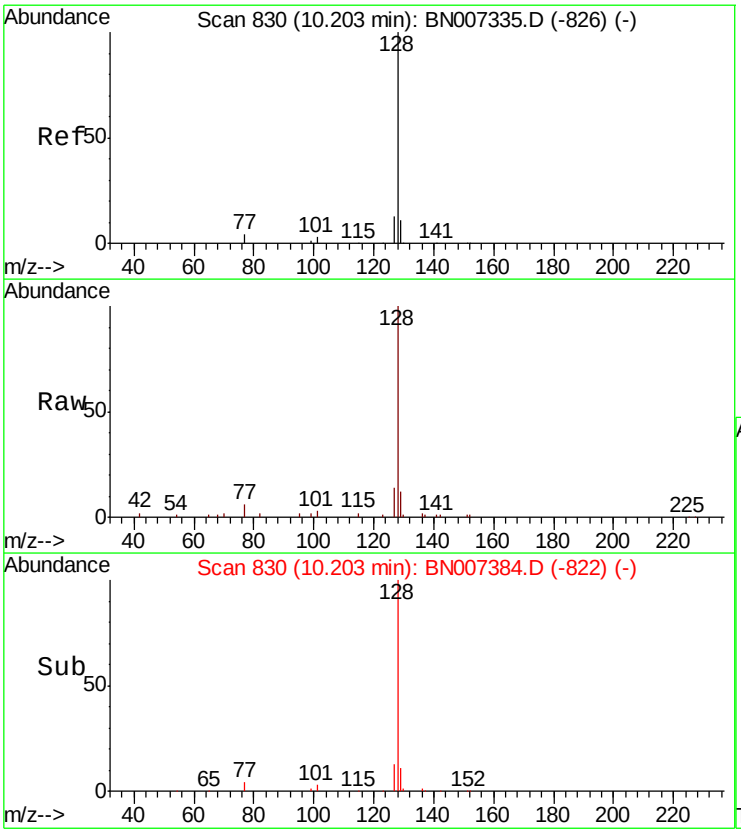
#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion: 82 Resp: 5041

Ion	Ratio	Lower	Upper
82	100		
128	35.9	19.7	29.5#
54	36.7	25.8	38.6

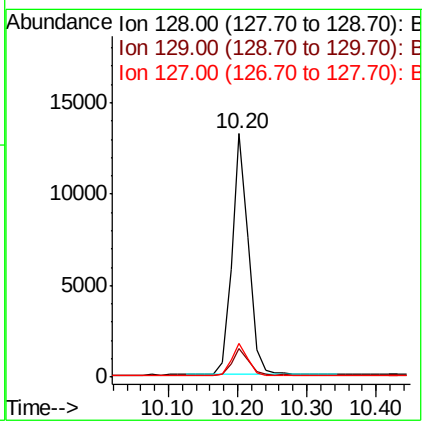


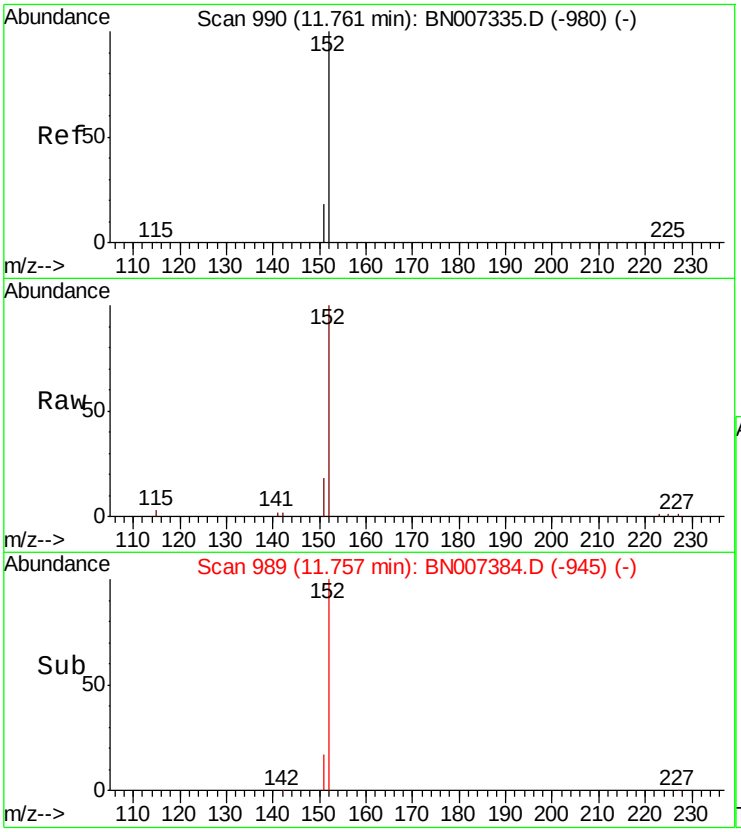


#9
Naphthalene
Concen: 0.272 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:128 Resp: 22123

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.1	16.7
127	13.6	15.5	23.3#



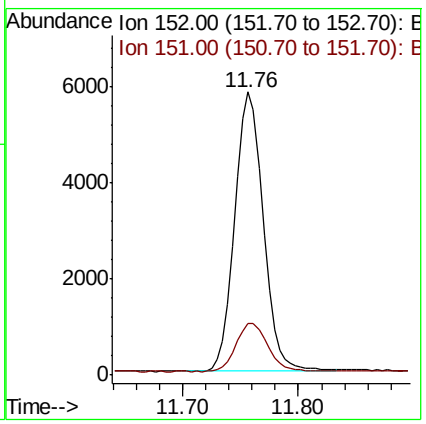


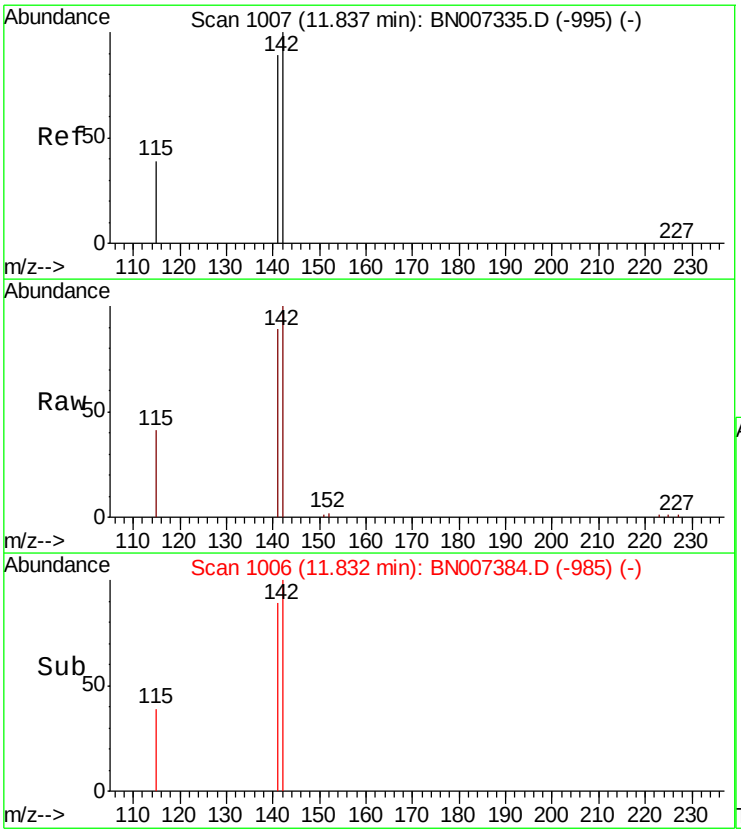
#11
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:152 Resp: 9743

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

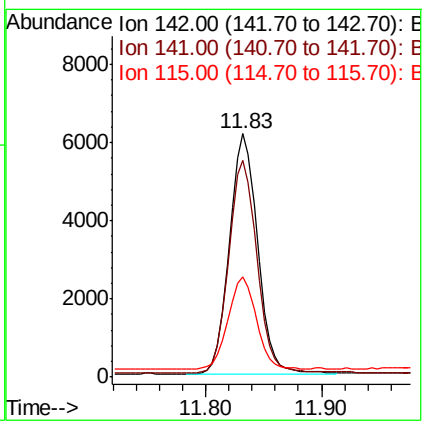


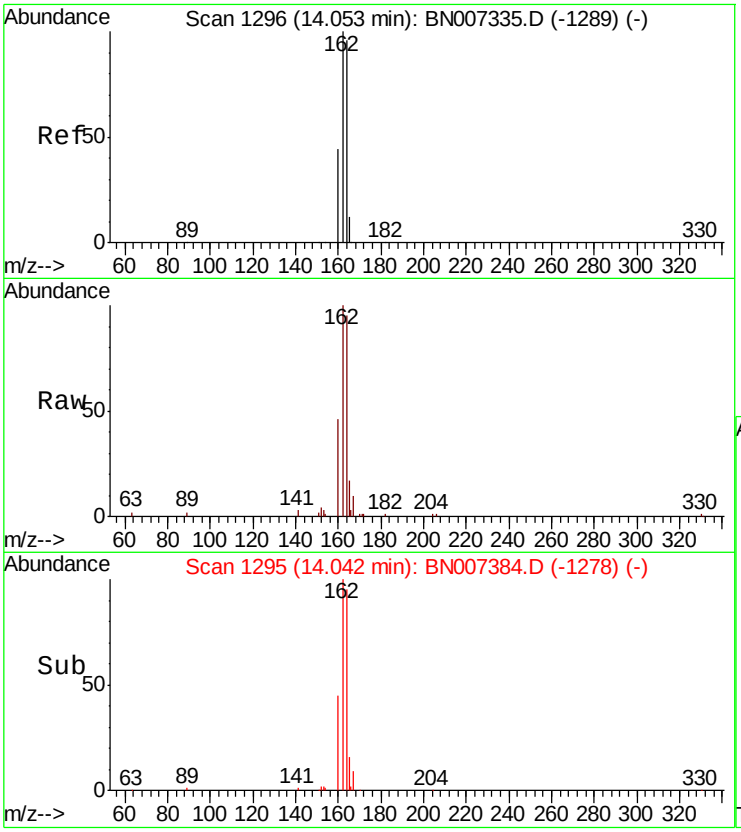


#12
2-Methylnaphthalene
Concen: 0.183 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:142 Resp: 10152

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.8	109.2
115	41.2	35.2	52.8



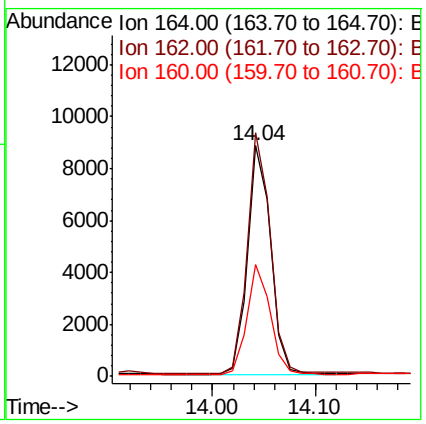


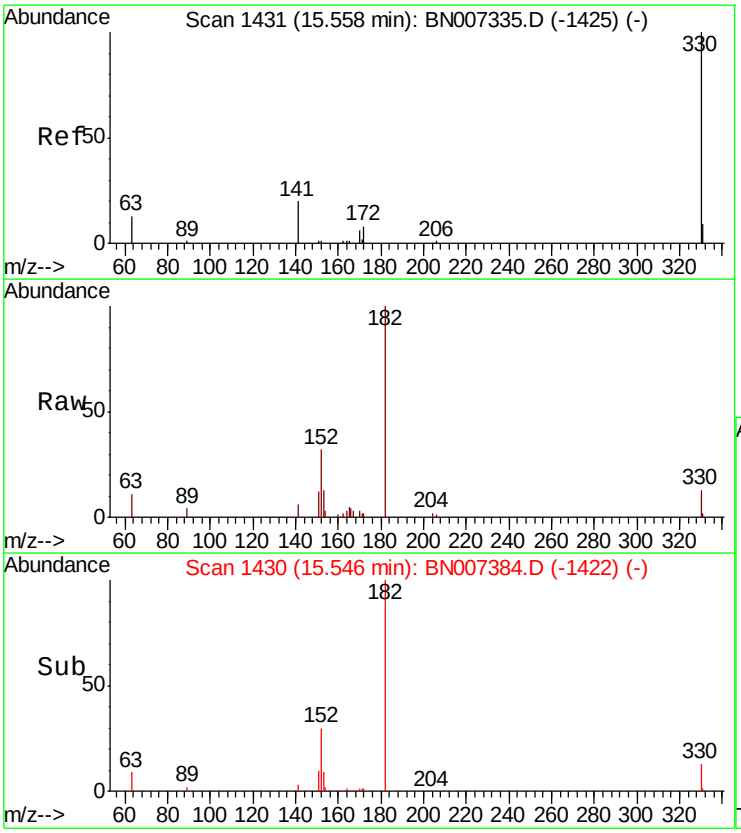
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:164 Resp: 13700

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.5	125.3
160	48.3	38.2	57.4

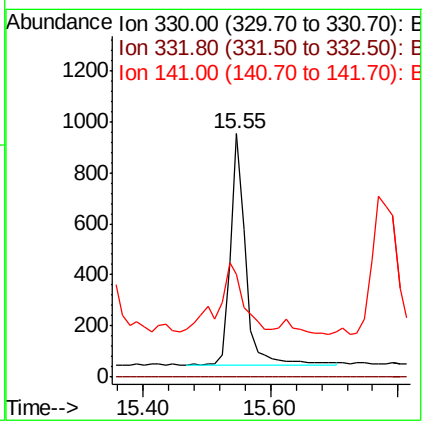


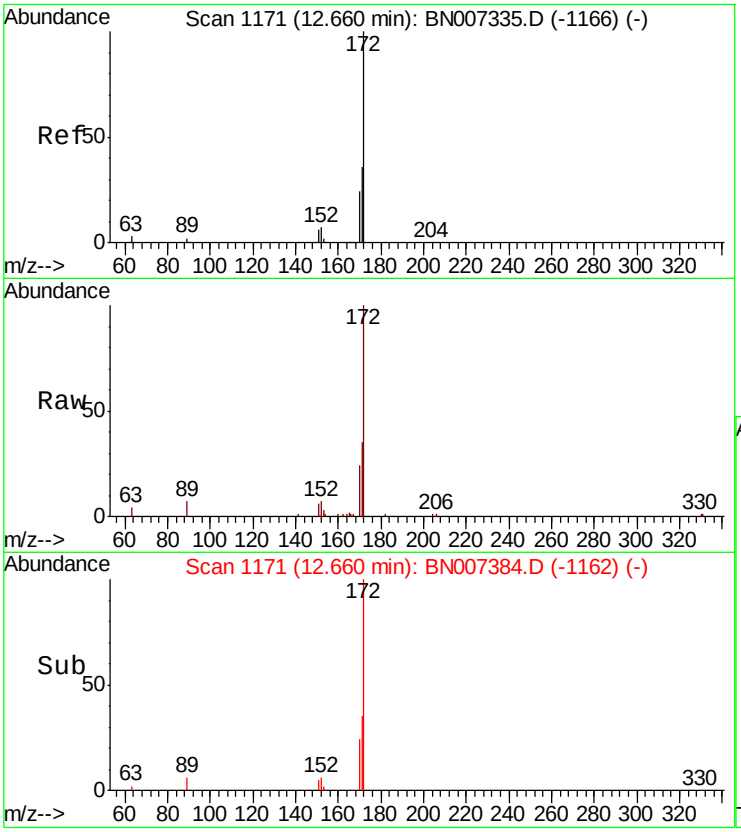


#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:330 Resp: 1501

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.1	26.9	40.3#



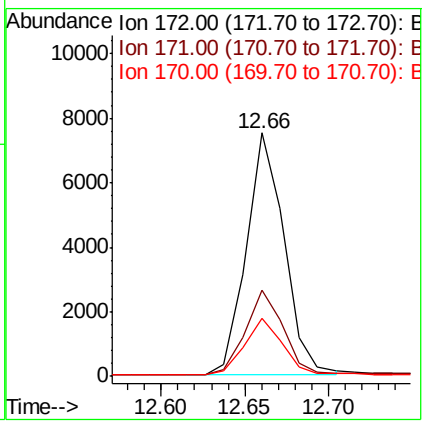


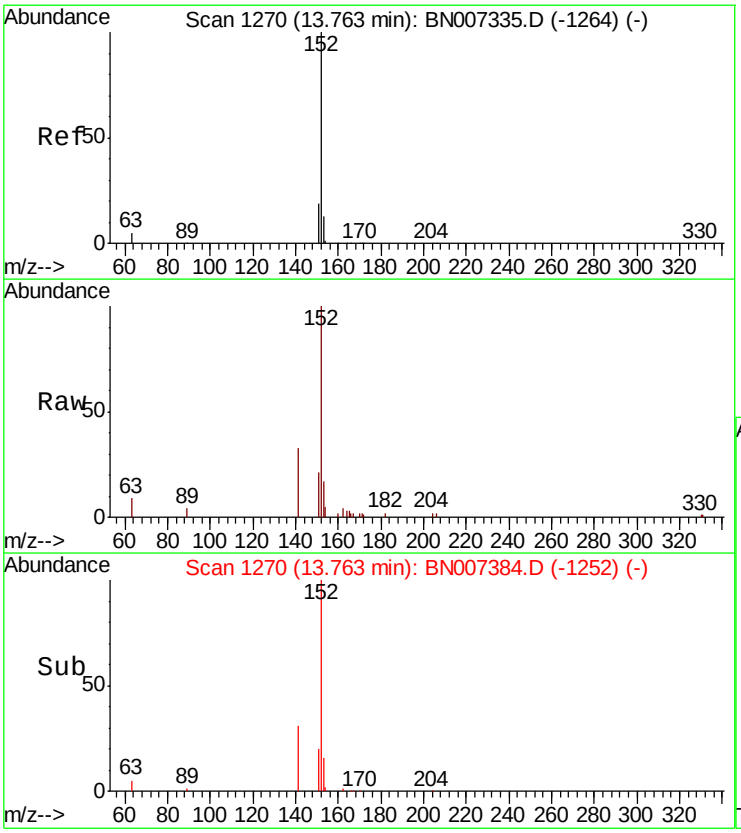
#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:172 Resp: 11748

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	24.1	20.7	31.1

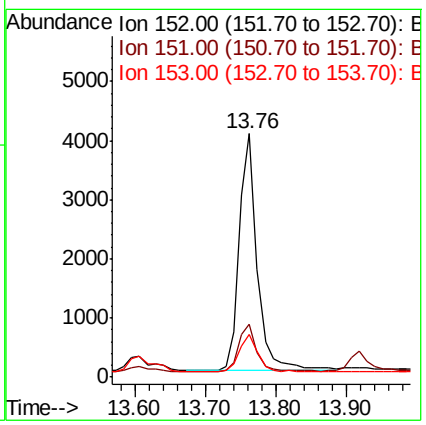


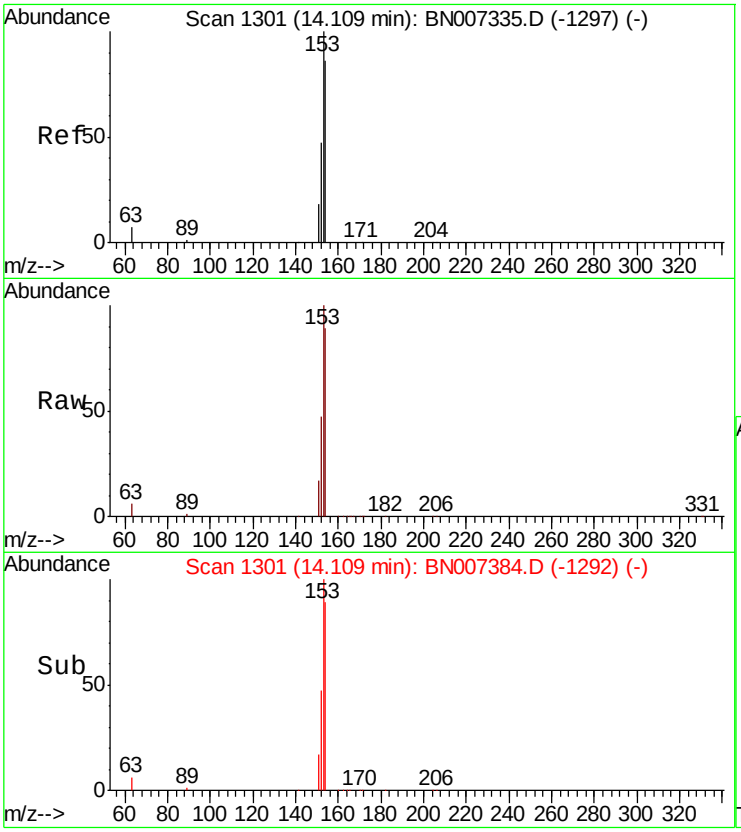


#16
Acenaphthylene
Concen: 0.089 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:152 Resp: 7191

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	16.4	10.6	15.8#



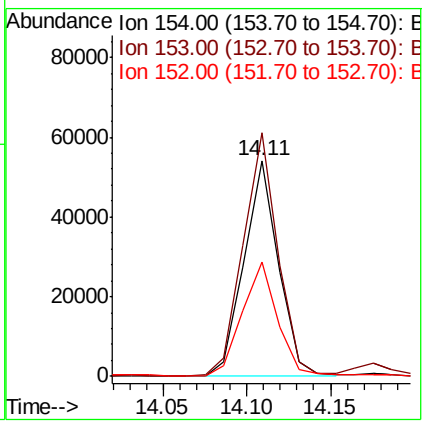


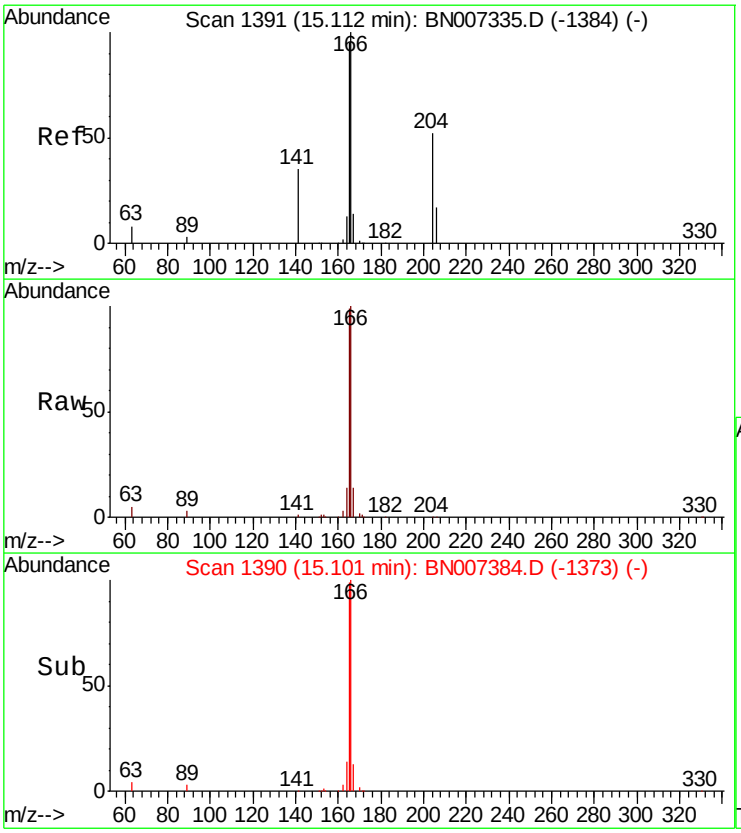
#17
Acenaphthene
Concen: 1.629 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:154 Resp: 77265

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.8	139.2
152	54.4	43.8	65.8

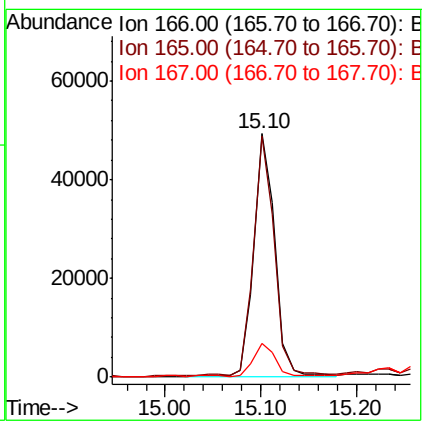


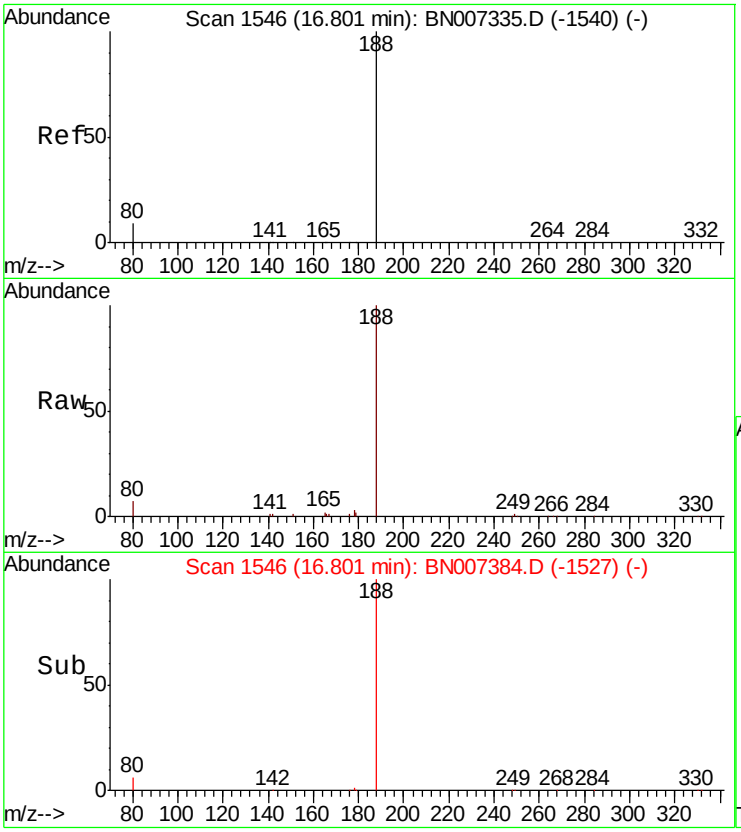


#18
Fluorene
Concen: 1.258 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:166 Resp: 75456

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	14.3	10.6	15.8



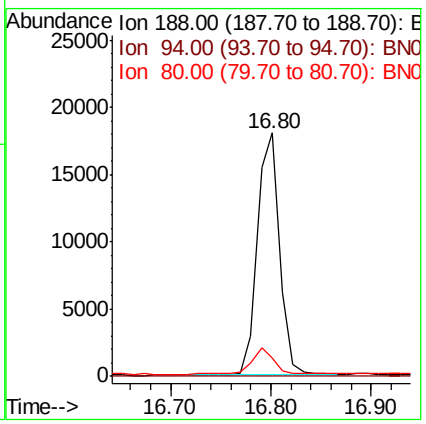


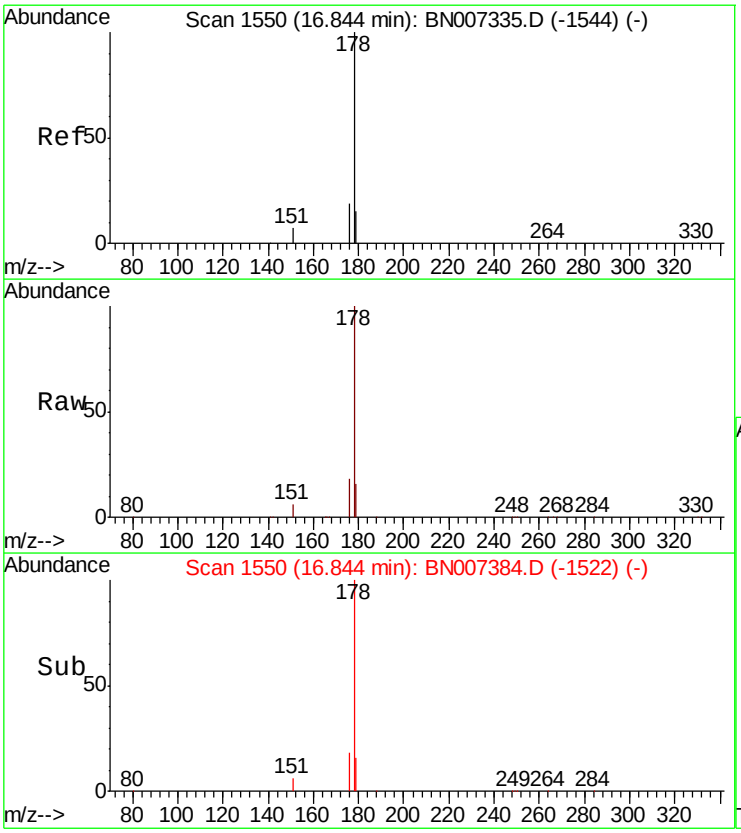
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:188 Resp: 28061

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	11.8	17.8#

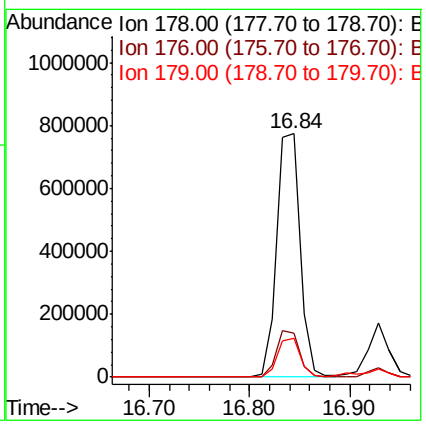


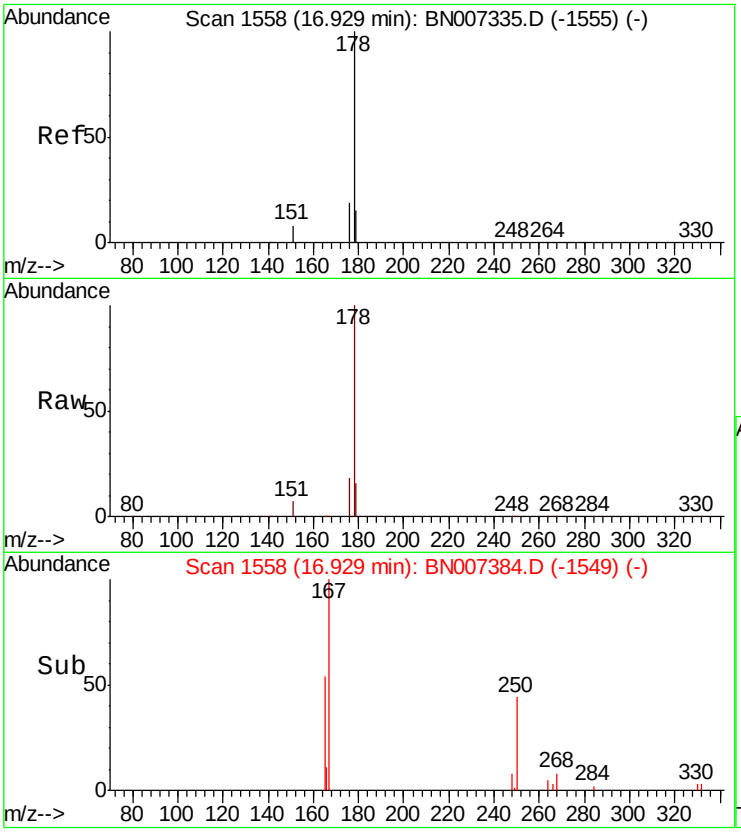


#23
Phenanthrene
Concen: 14.877 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:178 Resp: 1255711

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0



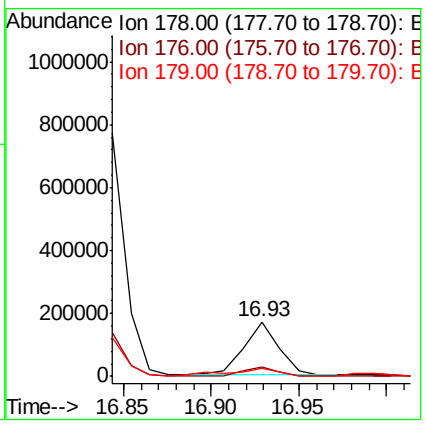


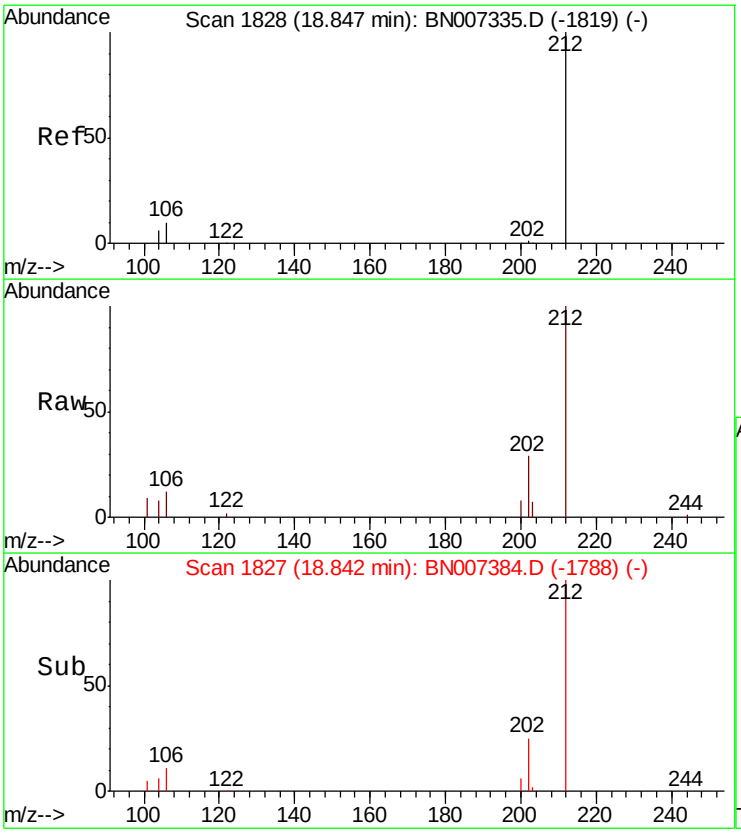
#24
Anthracene
Concen: 2.753 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:178 Resp: 233744

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	21.4	12.4	18.6#

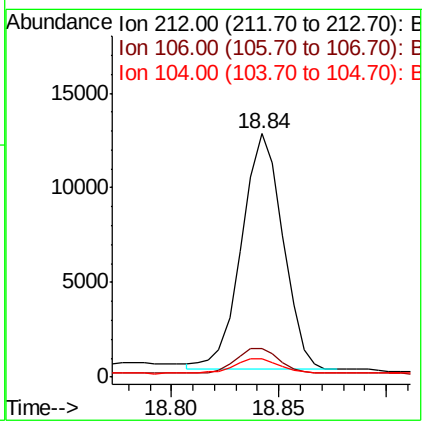


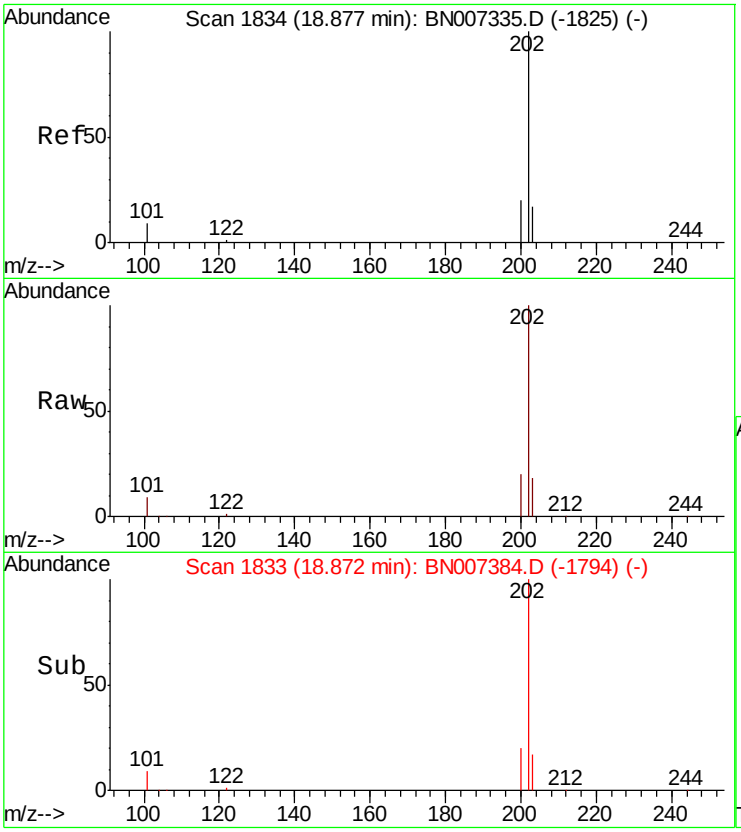


#25
Fluoranthene-d10
Concen: 0.185 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:212 Resp: 16711

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.0	13.4
104	7.2	5.4	8.2



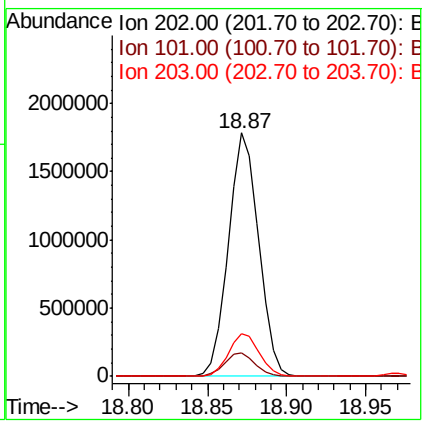


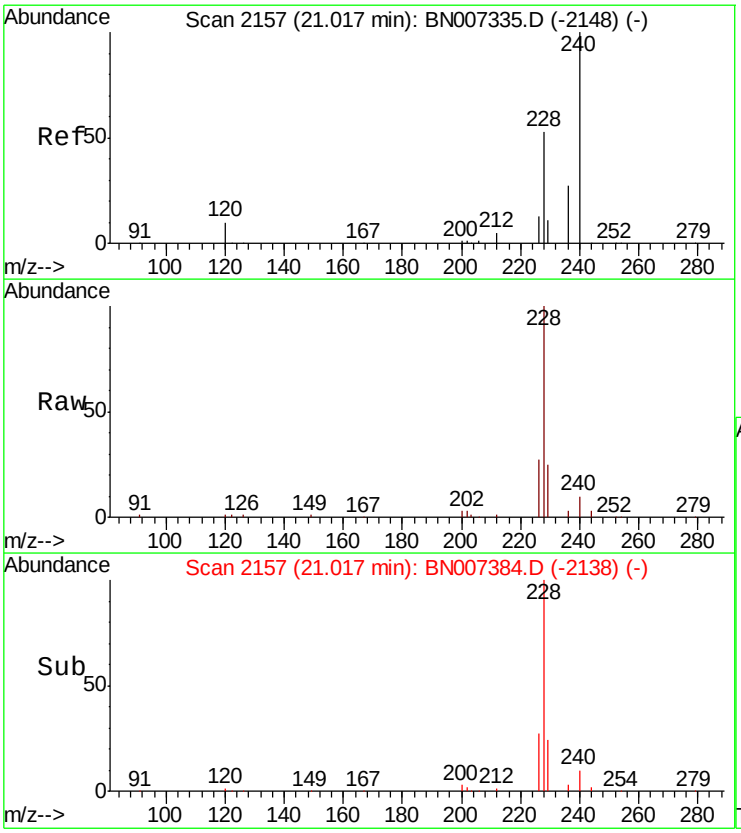
#26
Fluoranthene
Concen: 22.005 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:202 Resp: 2384766

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.7	13.7	20.5

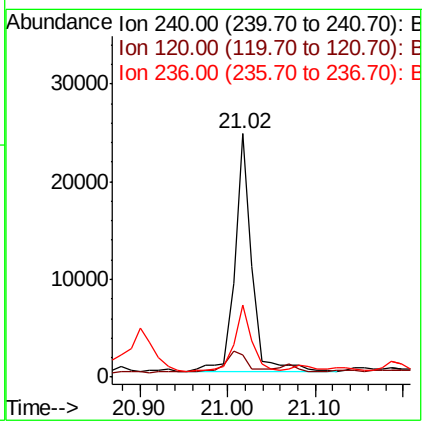


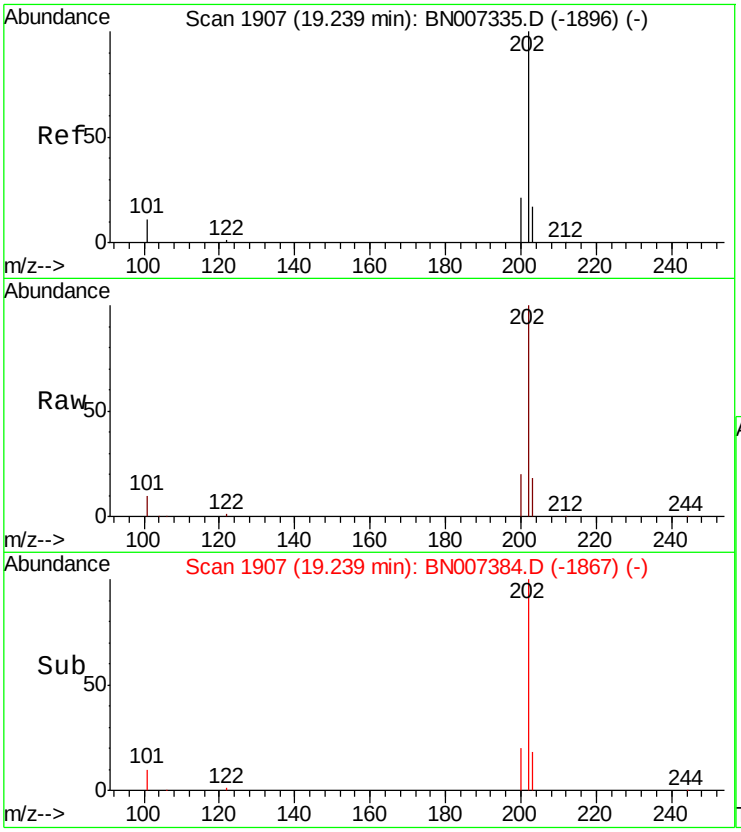


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:240 Resp: 32615

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.6	14.4#
236	29.7	22.2	33.2



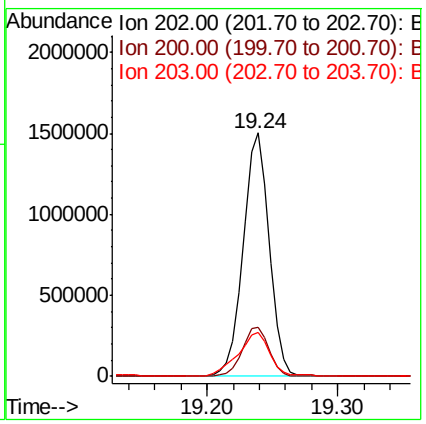


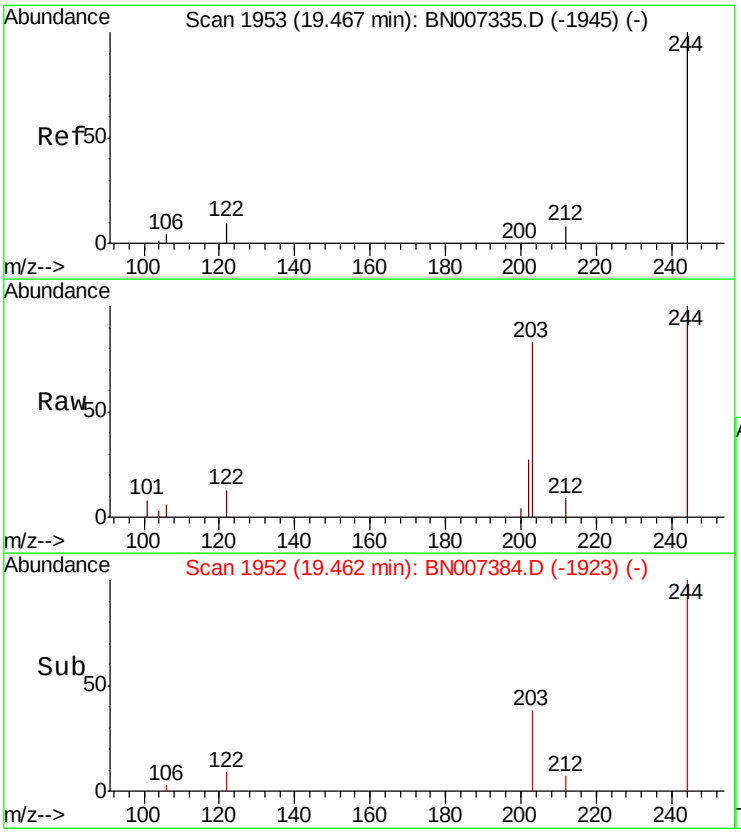
#28
Pyrene
Concen: 16.056 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:202 Resp: 2106576

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	22.1	14.2	21.4#

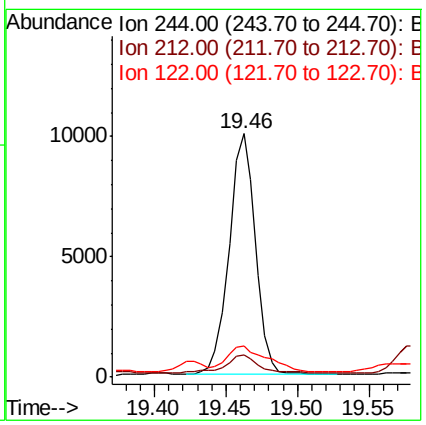


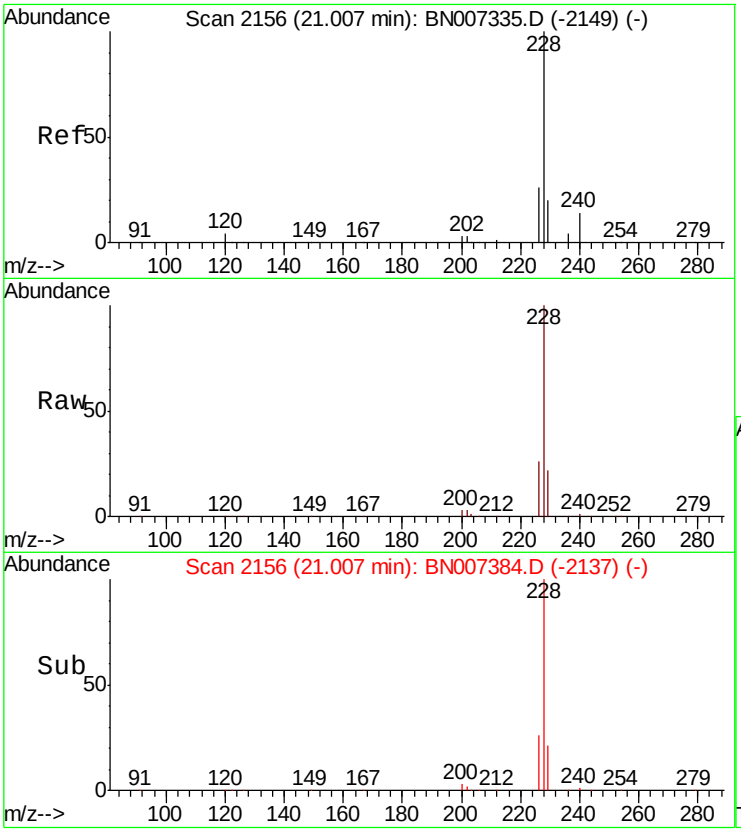


#29
Terphenyl-d14
Concen: 0.149 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:244 Resp: 12756

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	12.8	9.6	14.4



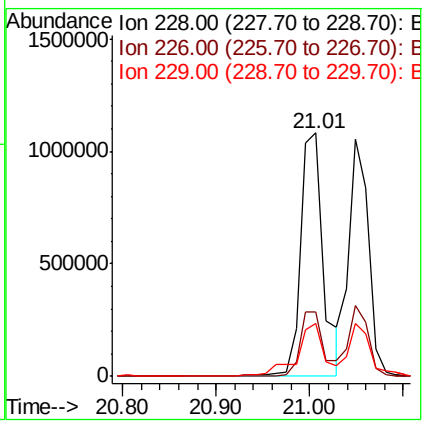


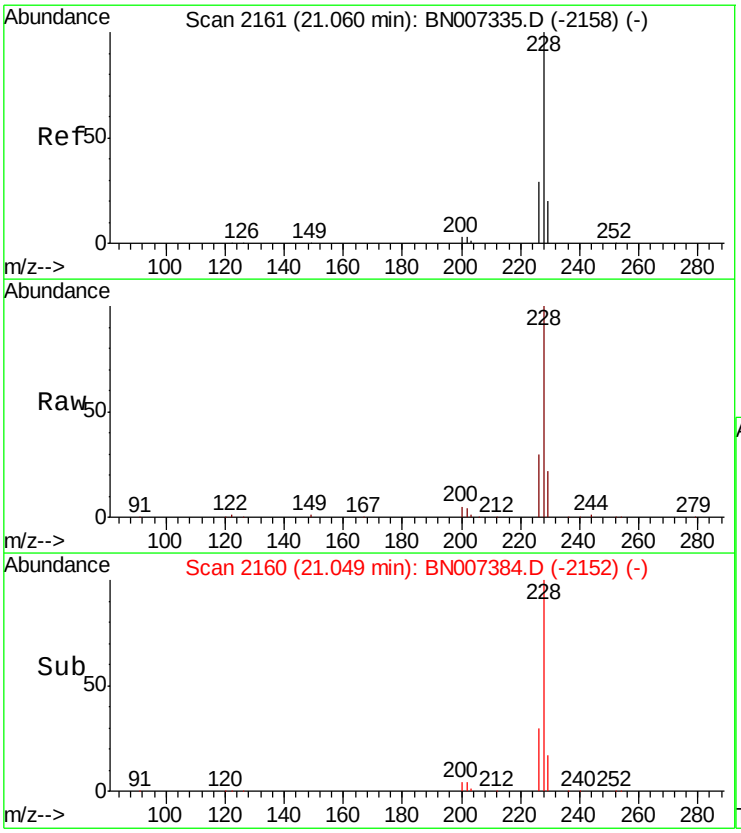
#30
Benzo(a)anthracene
Concen: 14.123 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:228 Resp: 1808985

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	21.6	16.1	24.1

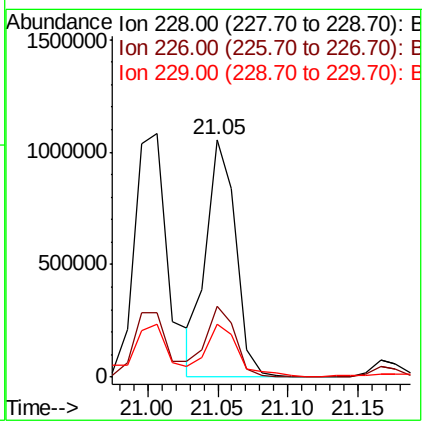


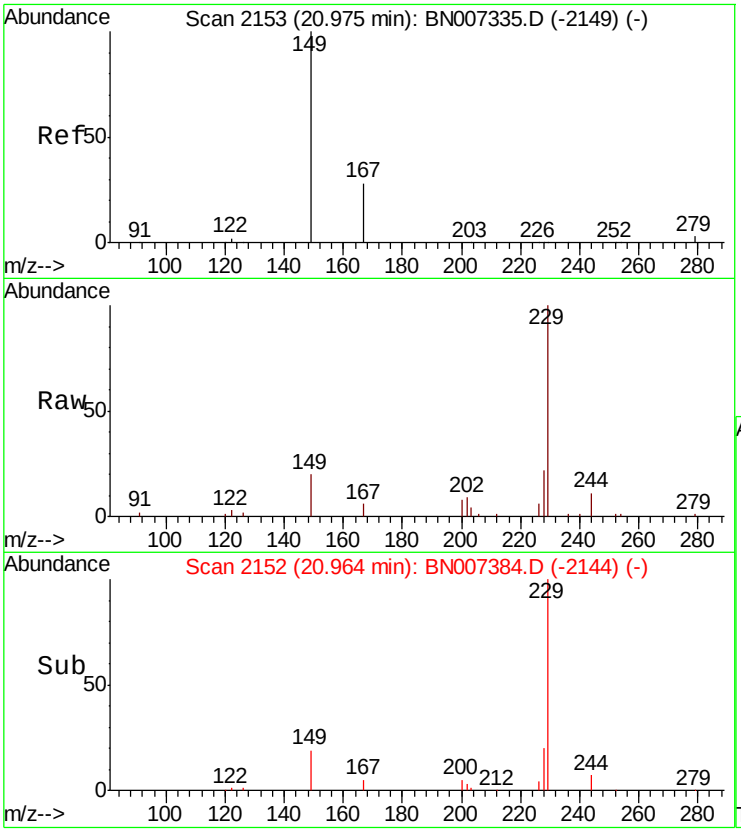


#31
Chrysene
Concen: 12.404 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:228 Resp: 1533509

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	22.4	16.6	24.8



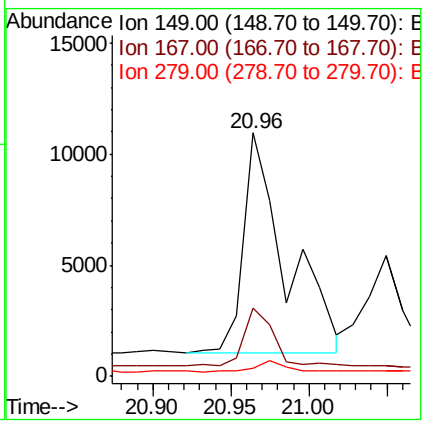


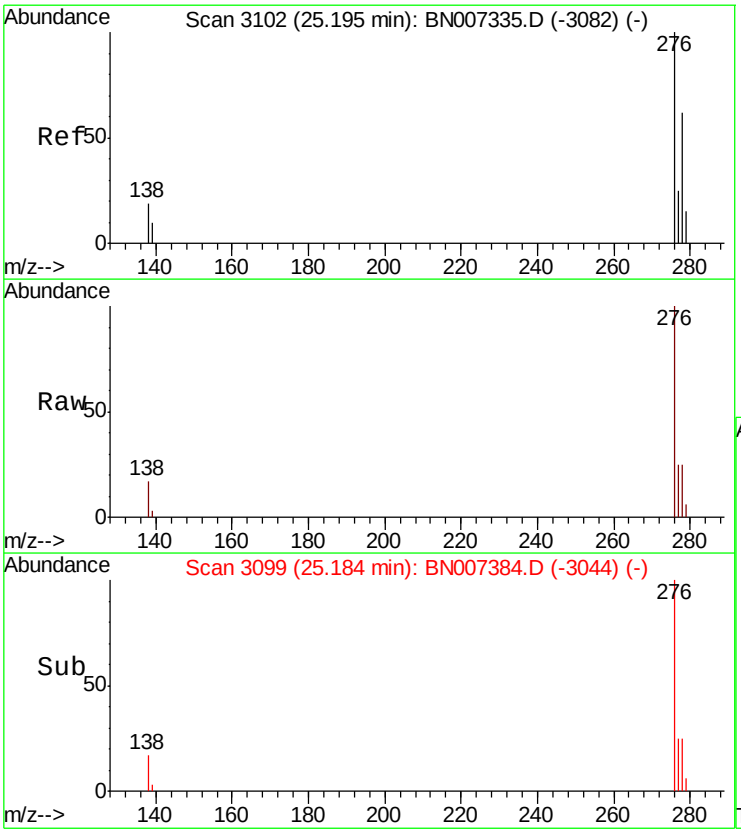
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:149 Resp: 18681

Ion	Ratio	Lower	Upper
149	100		
167	21.2	22.8	34.2#
279	3.6	3.5	5.3

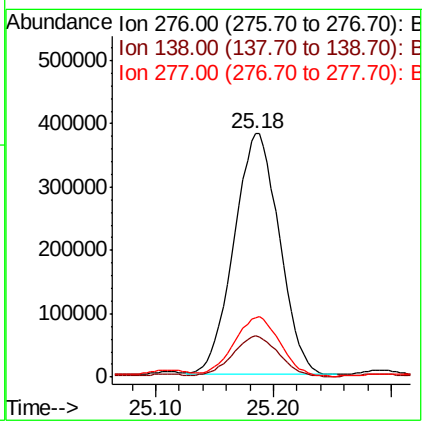


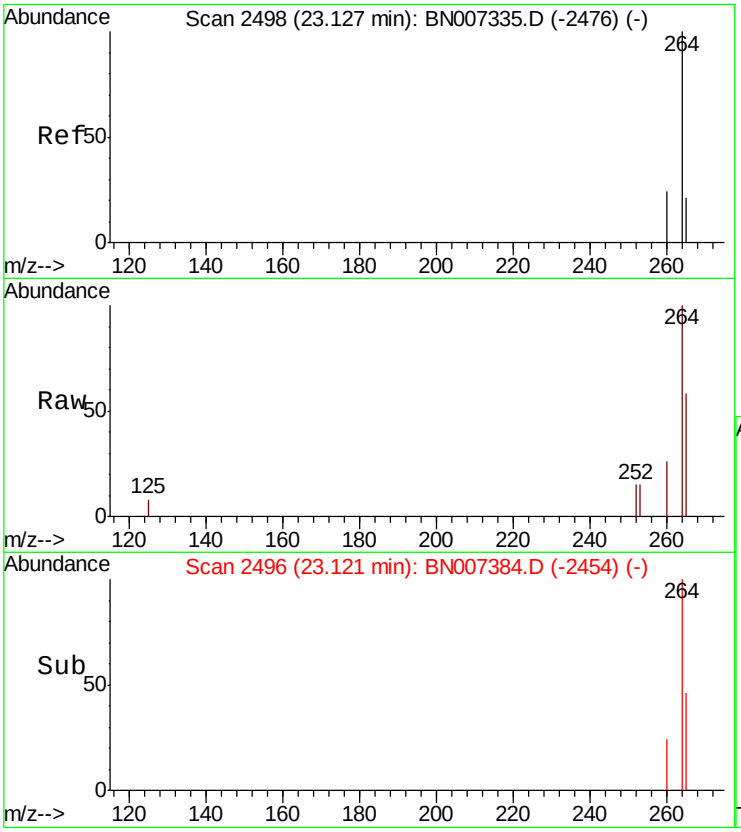


#33
Indeno(1,2,3-cd)pyrene
Concen: 6.862 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:276 Resp: 1022049

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
277	24.9	19.7	29.5



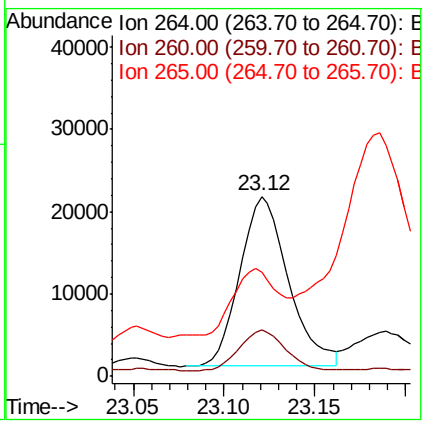


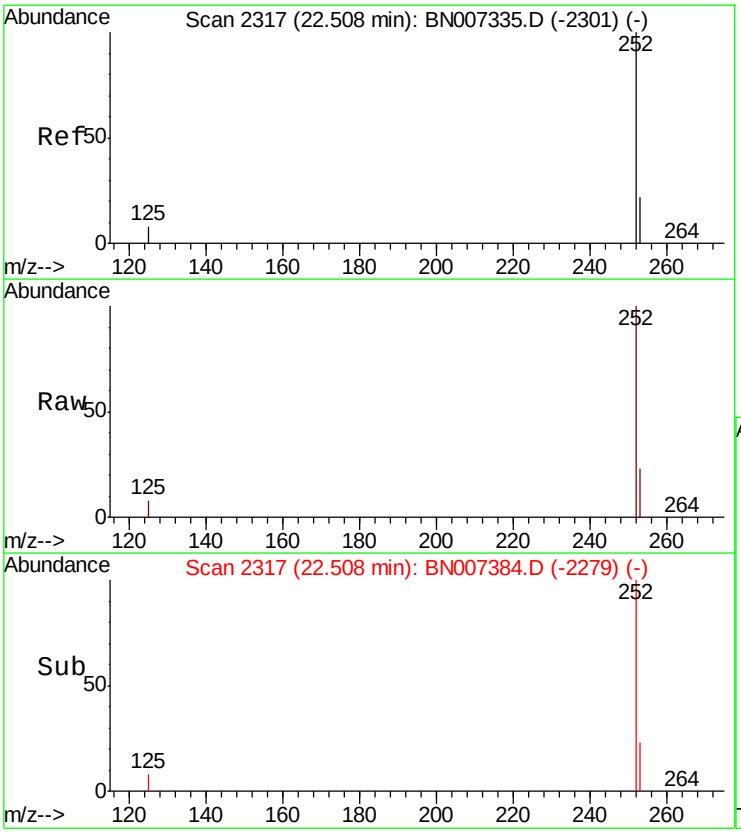
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:264 Resp: 38322

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.7	29.5
265	58.1	29.9	44.9#

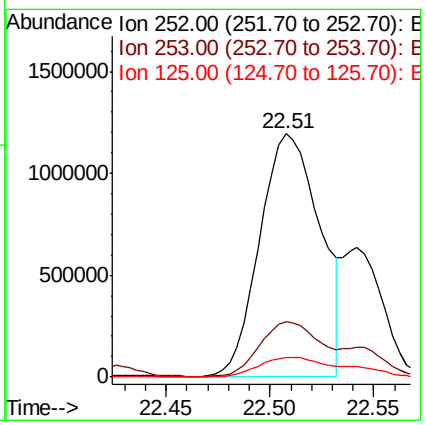


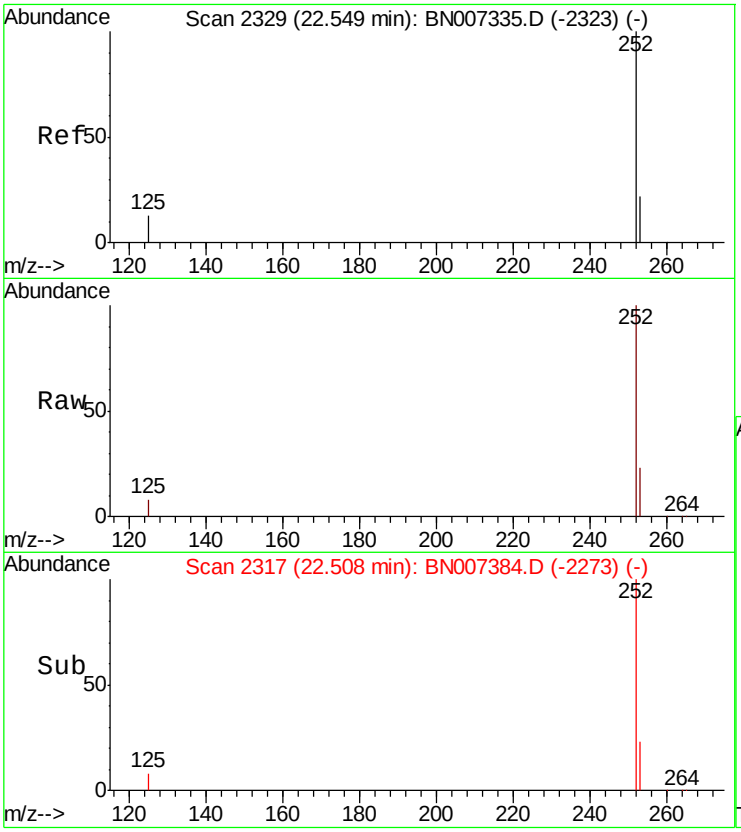


#35
Benzo(b)fluoranthene
Concen: 17.314 ng
RT: 22.51 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:252 Resp: 2404040

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.2	28.8
125	8.2	10.6	16.0#



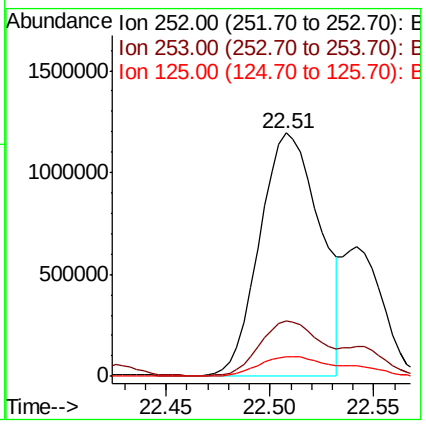


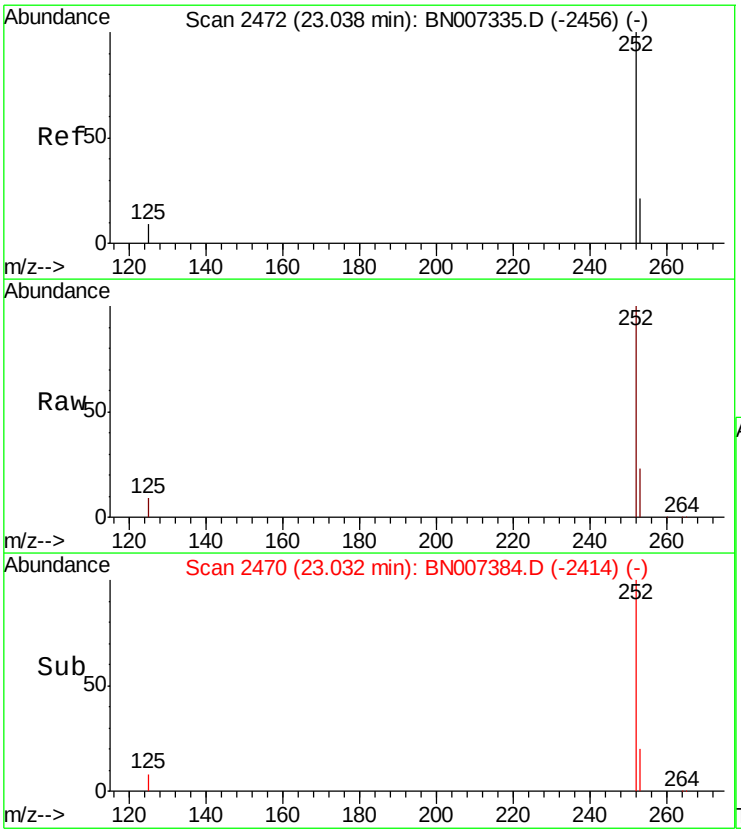
#36
Benzo(k)fluoranthene
Concen: 17.519 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:252 Resp: 2404040

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	8.2	13.1	19.7#

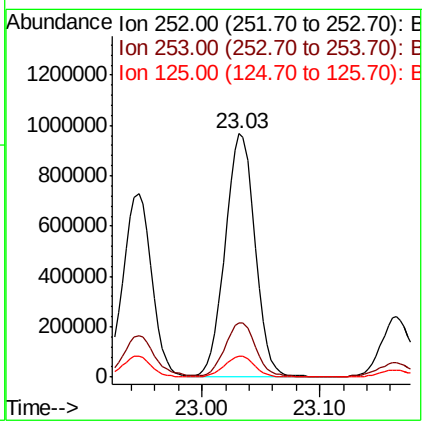


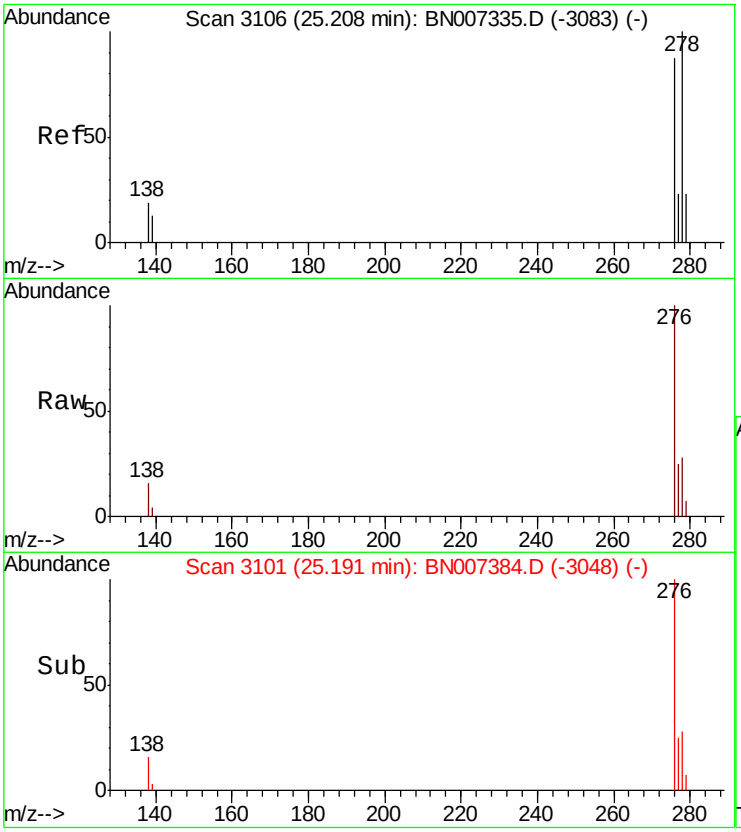


#37
Benzo(a)pyrene
Concen: 12.746 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:252 Resp: 1684092

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.5	29.3
125	8.6	12.1	18.1#



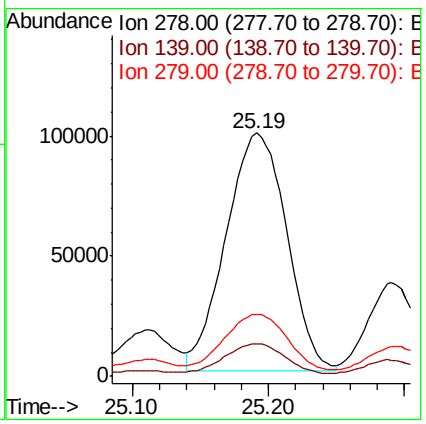


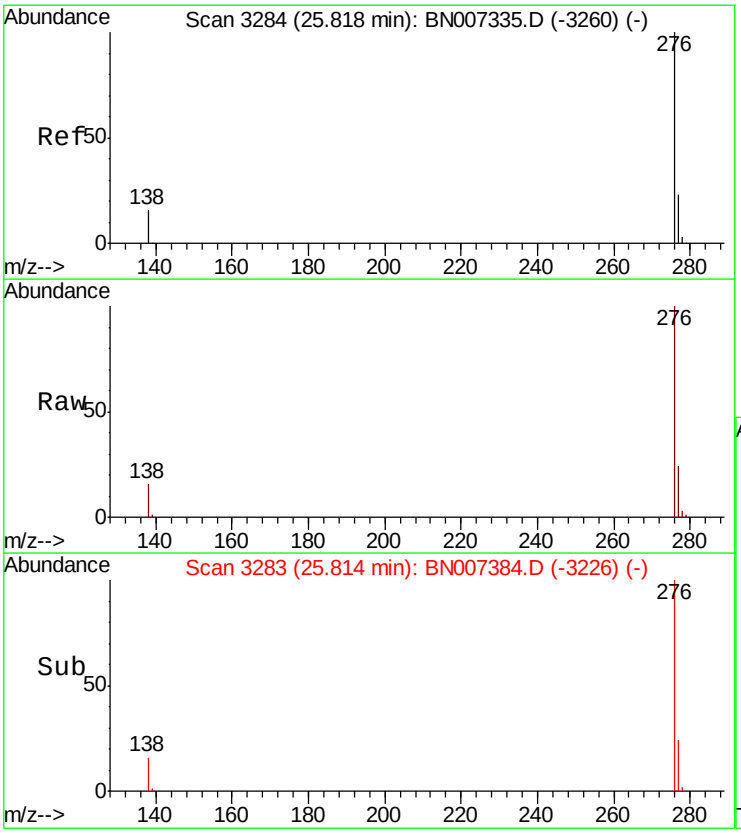
#38
Dibenzo(a,h)anthracene
Concen: 2.331 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019

Tgt Ion:278 Resp: 307280

Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.7	20.5#
279	25.6	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 7.735 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BN007384.D
Acq: 25 Aug 2019 04:54

Tgt Ion:276 Resp: 1016060

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.4	16.3	24.5