Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007363.D
Acq On : 24 Aug 2019 14:55
Operator : HP/JU
Sample : K4443-01DLRE 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S701-N-0.0-0.5-082019DL

Quant Time: Aug 24 23:41:00 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	4777	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	20198	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	11063	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	23838	0.40	ng		0.00
27) Chrysene-d12	21.03	240	25037	0.40	ng		0.00
34) Perylene-d12	23.13	264	27060	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	864	0.03	ng		0.00
5) Phenol-d6	6.60	99	1205	0.03	ng		0.00
8) Nitrobenzene-d5	8.54	82	611	0.03	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	1285	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	236	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	1498	0.03	ng		0.00
25) Fluoranthene-d10	18.84	212	2436	0.03	ng		0.00
29) Terphenyl-d14	19.47	244	1713	0.03	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	13.76	152	2222	0.034	ng		99
17) Acenaphthene	14.11	154	3382	0.088	ng		97
18) Fluorene	15.10	166	3939	0.081	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	204	0.022	ng	#	1
23) Phenanthrene	16.84	178	96454	1.345	ng		99
24) Anthracene	16.93	178	19269	0.267	ng	#	93
26) Fluoranthene	18.87	202	274049	2.977	ng		100
28) Pyrene	19.24	202	225330	2.237	ng	#	94
30) Benzo(a)anthracene	21.00	228	157210	1.599	ng		95
31) Chrysene	21.06	228	174730	1.841	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	5483	0.067	ng		94
33) Indeno(1,2,3-cd)pyrene	25.19	276	104224	0.912	ng		98
35) Benzo(b)fluoranthene	22.51	252	208151	2.123	ng	#	95
36) Benzo(k)fluoranthene	22.51	252	208151	2.148	ng	#	91
37) Benzo(a)pyrene	23.17	252	38620	0.414	ng		95
38) Dibenzo(a,h)anthracene	25.20	278	30298	0.325	ng	#	88
39) Benzo(g,h,i)perylene	25.82	276	108461	1.169	ng		97

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

Quantitation Report (Not Reviewed)

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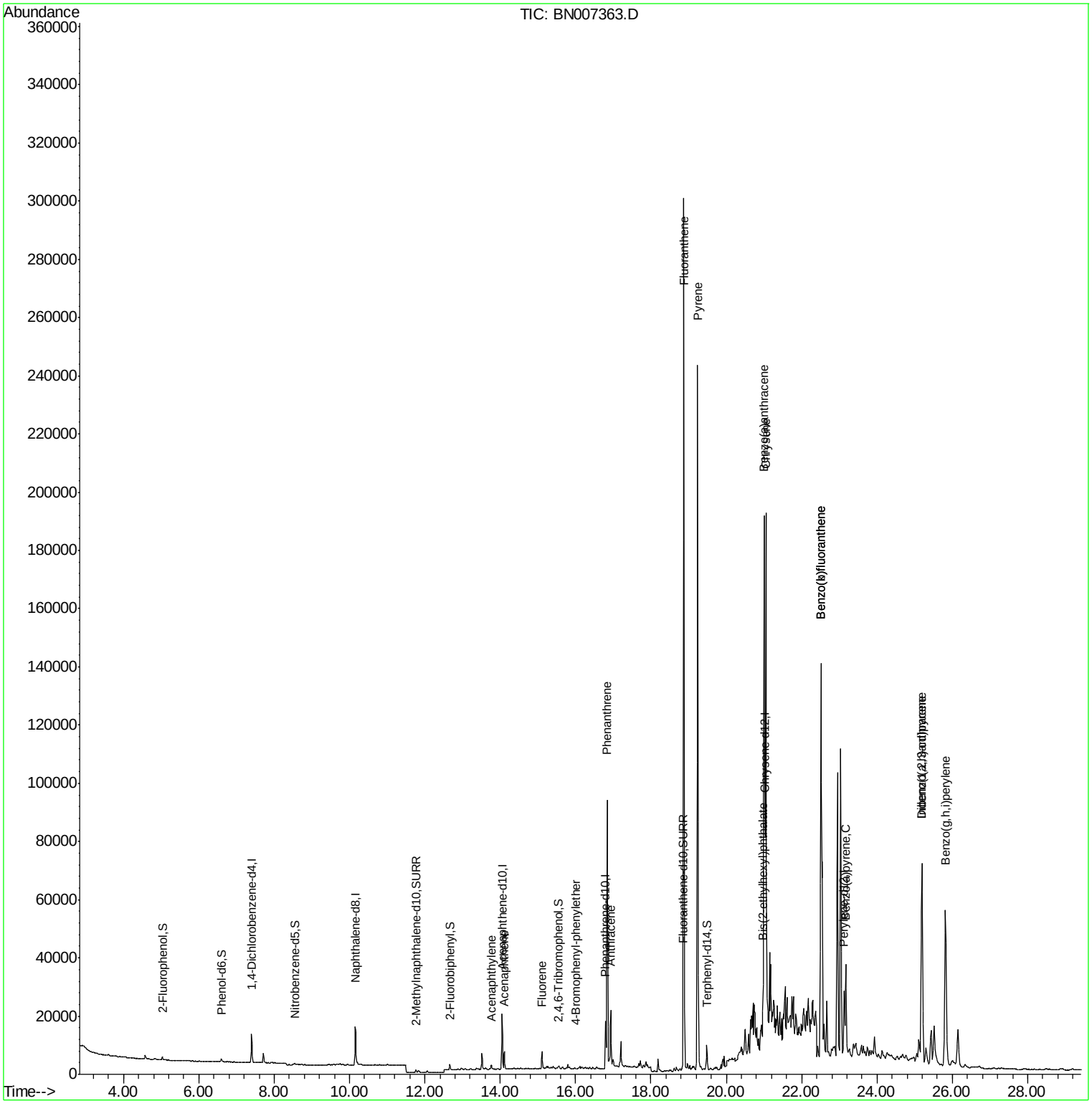
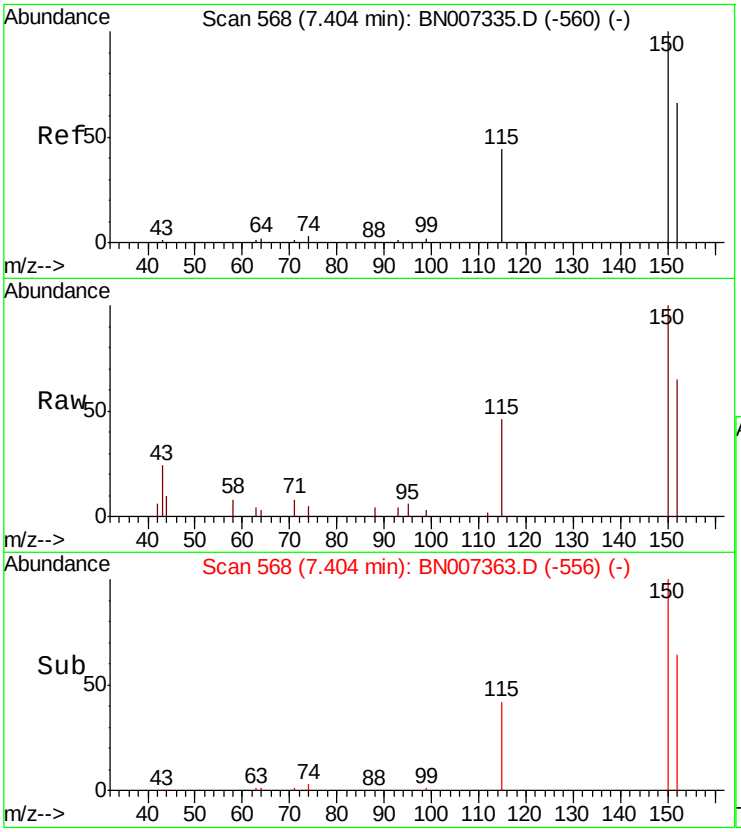
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



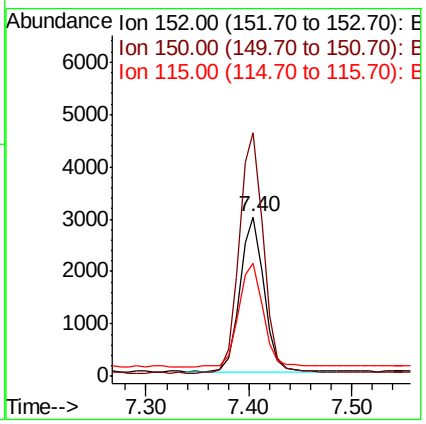


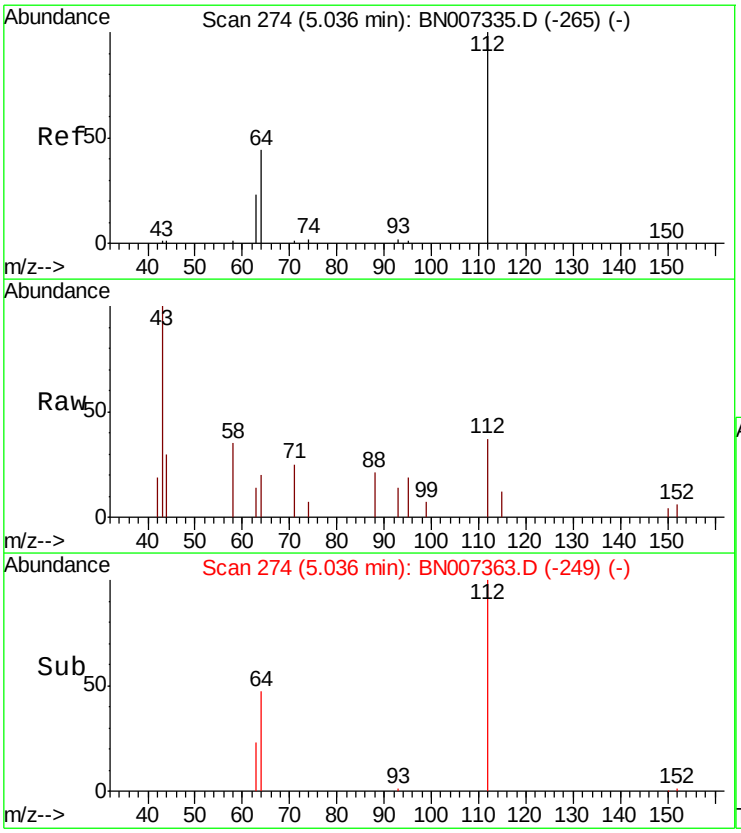
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:152 Resp: 4777

Ion	Ratio	Lower	Upper
152	100		
150	152.8	109.1	163.7
115	70.6	59.6	89.4

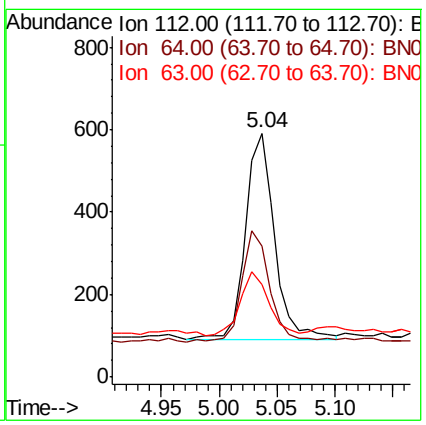


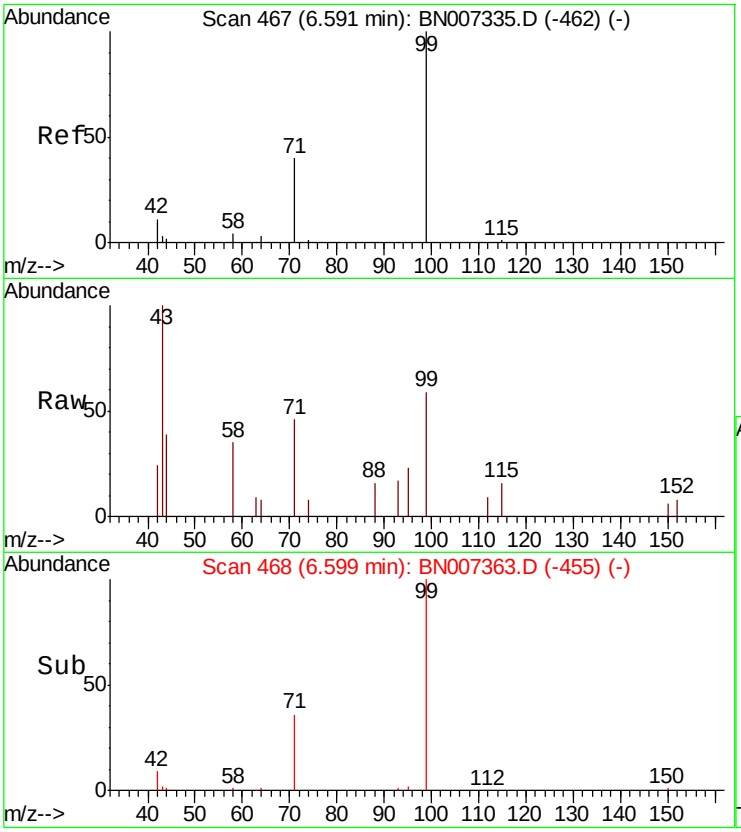


#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:112 Resp: 864

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.3	63.5
63	31.4	23.6	35.4



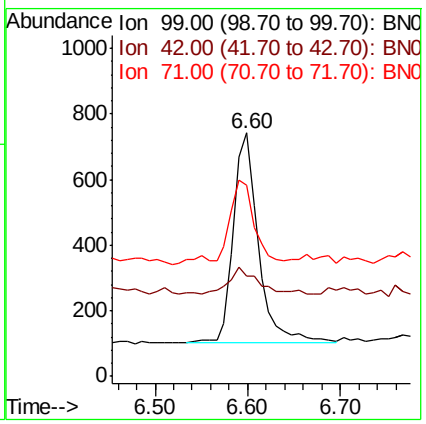


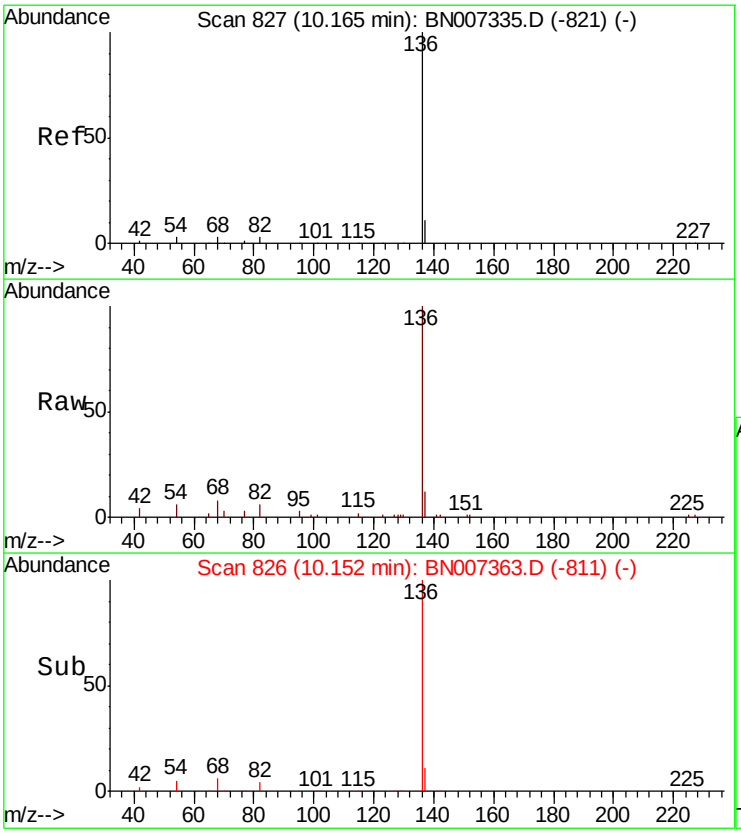
#5
Phenol-d6
Concen: 0.029 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion: 99 Resp: 1205

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.2	16.8
71	37.0	31.8	47.8

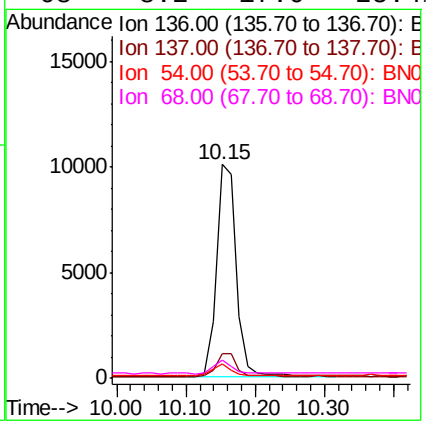


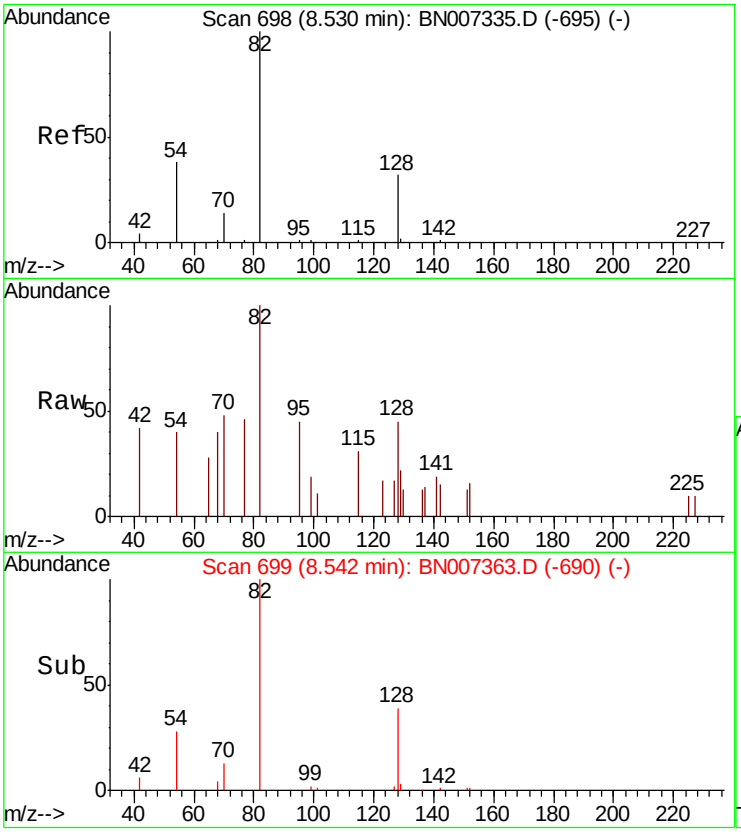


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:136 Resp: 20198

Ion	Ratio	Lower	Upper
136	100		
137	11.7	12.9	19.3#
54	6.5	8.6	12.8#
68	8.2	17.0	25.4#



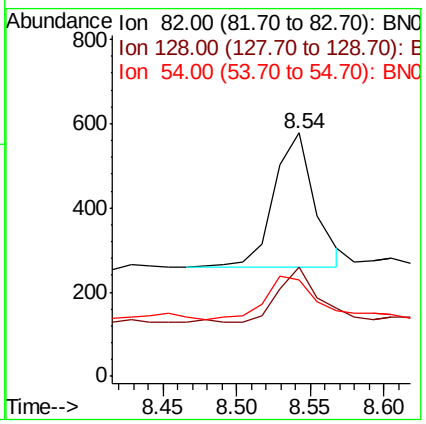


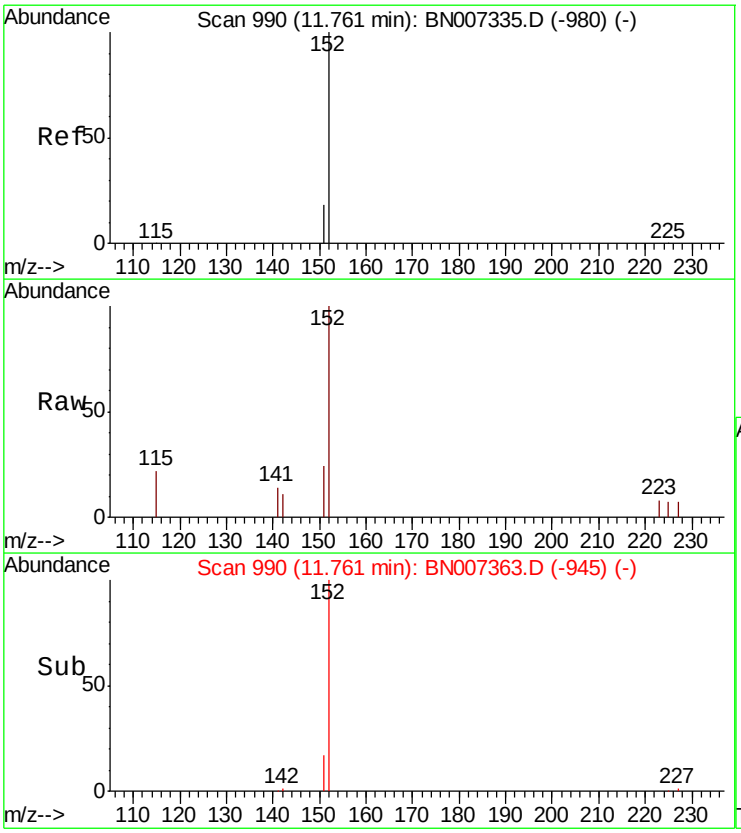
#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion: 82 Resp: 611

Ion	Ratio	Lower	Upper
82	100		
128	44.6	19.7	29.5#
54	39.6	25.8	38.6#

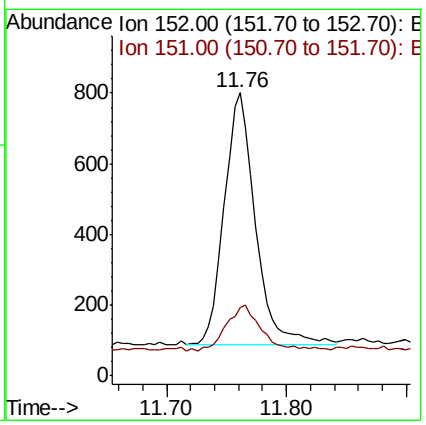


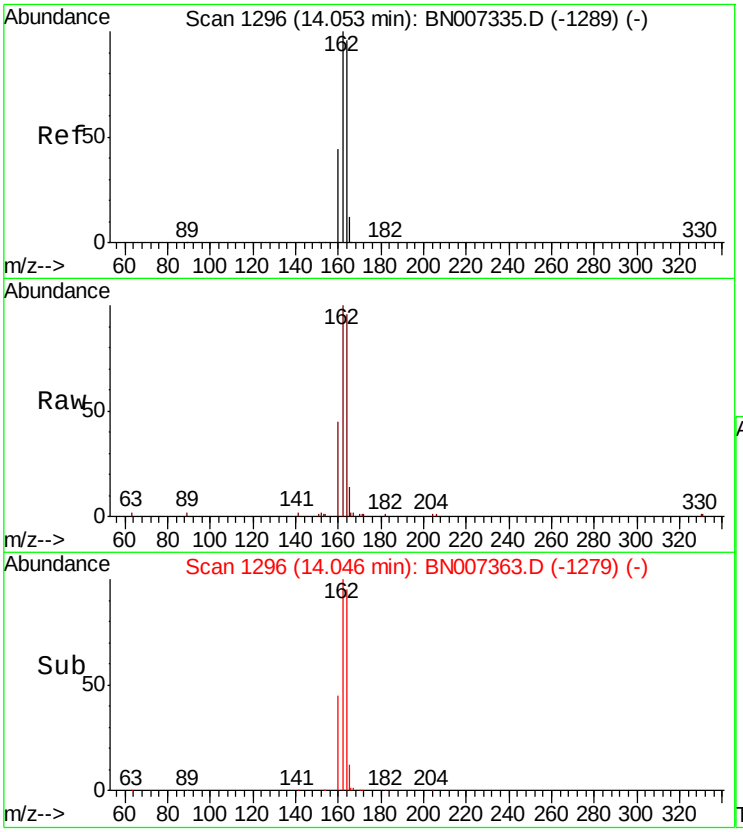


#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:152 Resp: 1285

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2



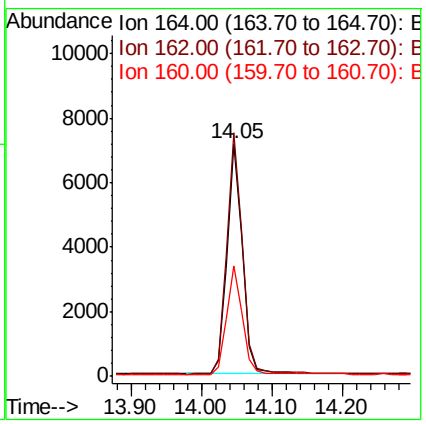


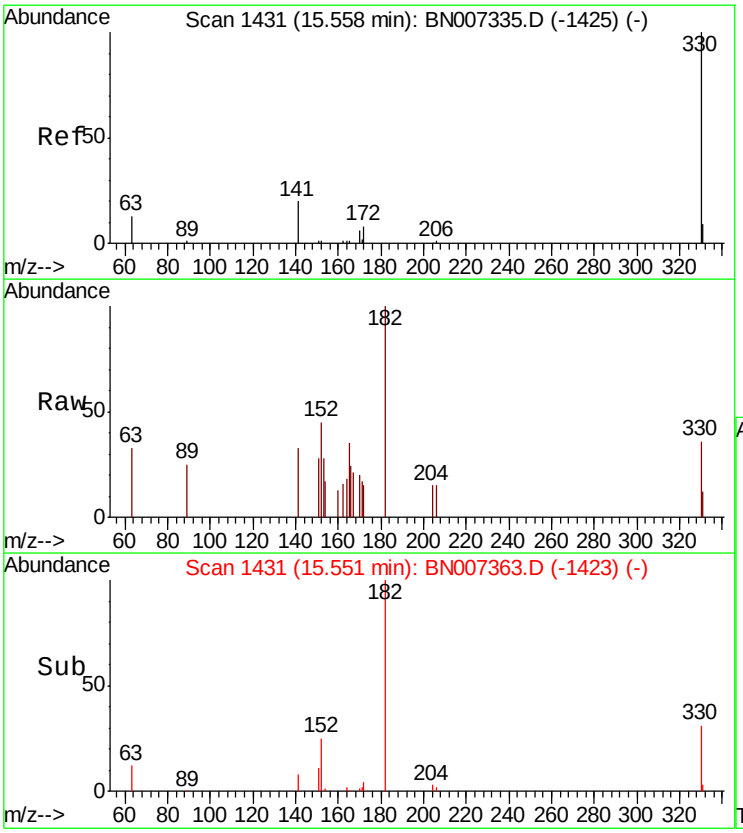
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:164 Resp: 11063

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.4	38.2	57.4

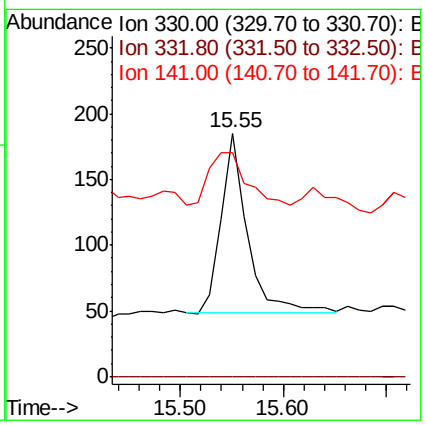


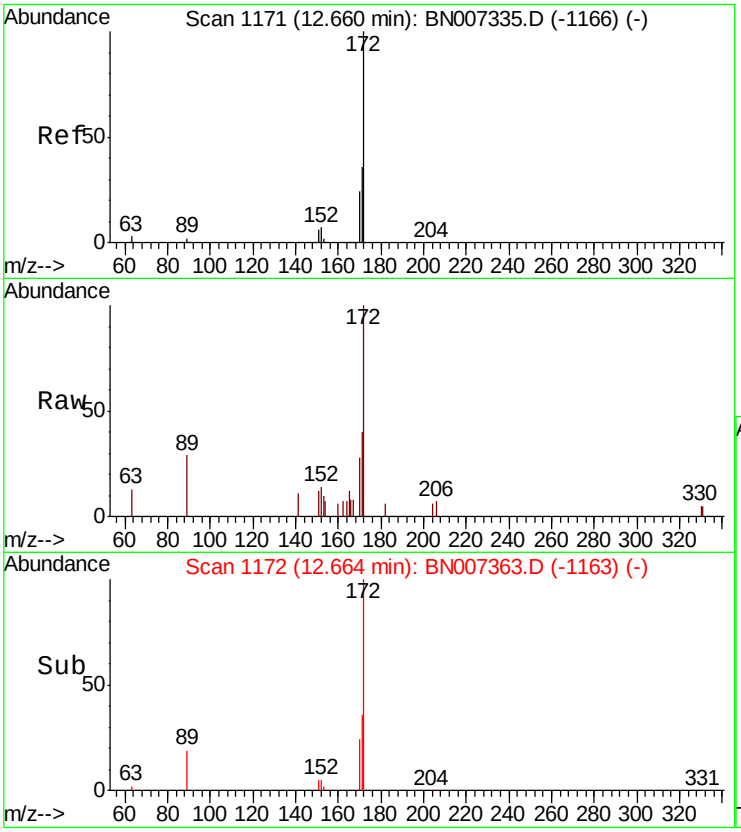


#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:330 Resp: 236

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.6	26.9	40.3#



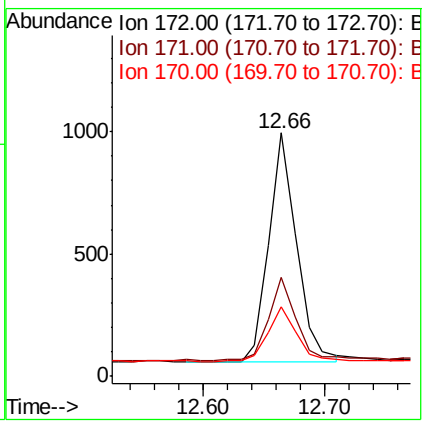


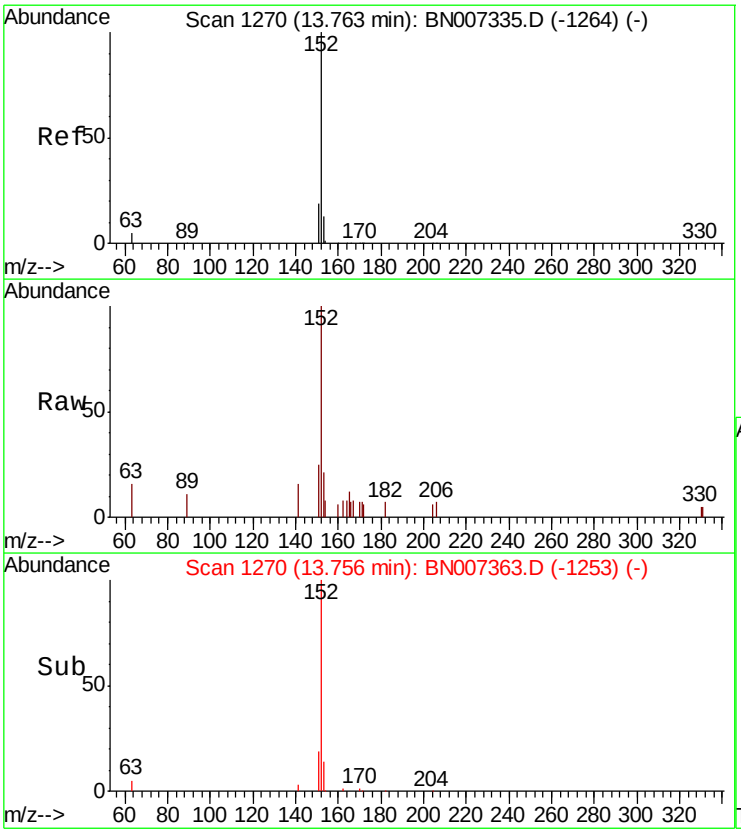
#15
2-Fluorobiphenyl
Concen: 0.034 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:172 Resp: 1498

Ion	Ratio	Lower	Upper
172	100		
171	40.5	30.3	45.5
170	28.3	20.7	31.1

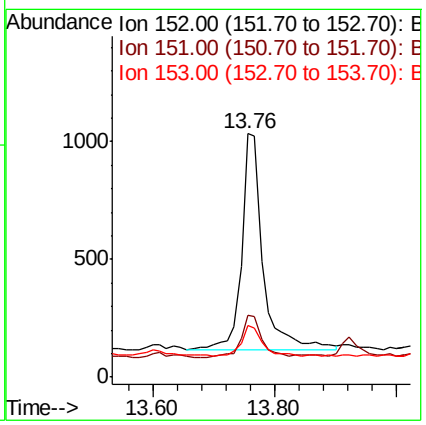


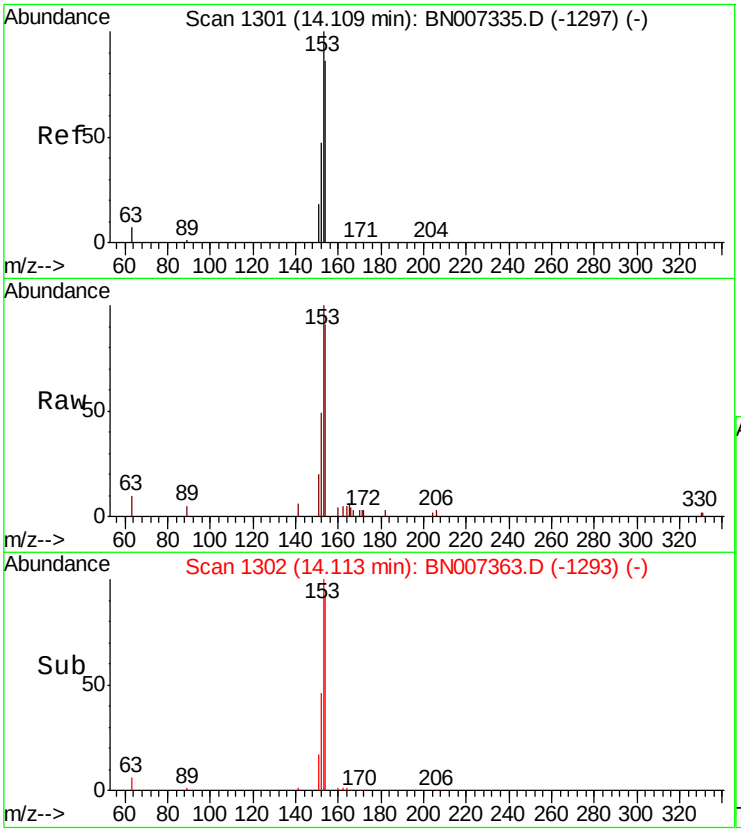


#16
Acenaphthylene
Concen: 0.034 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:152 Resp: 2222

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.7	10.6	15.8



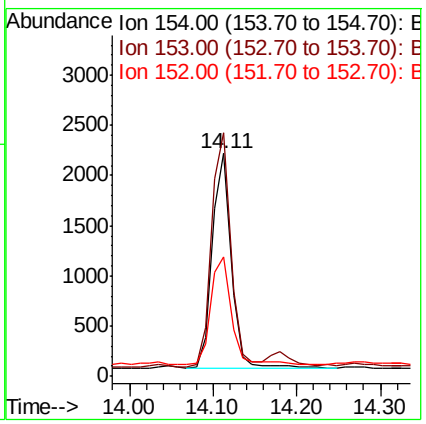


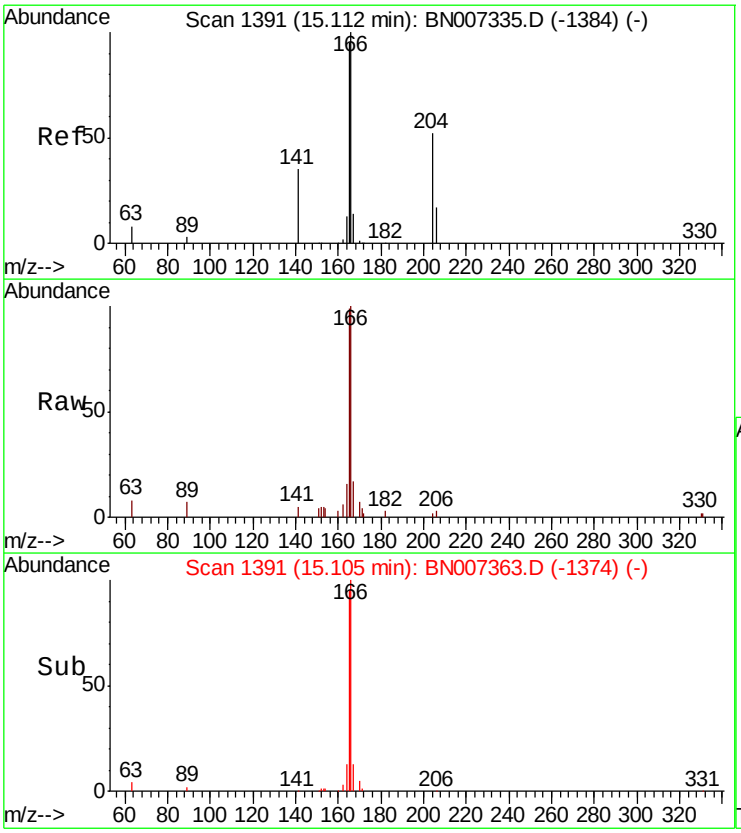
#17
Acenaphthene
Concen: 0.088 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:154 Resp: 3382

Ion	Ratio	Lower	Upper
154	100		
153	110.9	92.8	139.2
152	54.4	43.8	65.8

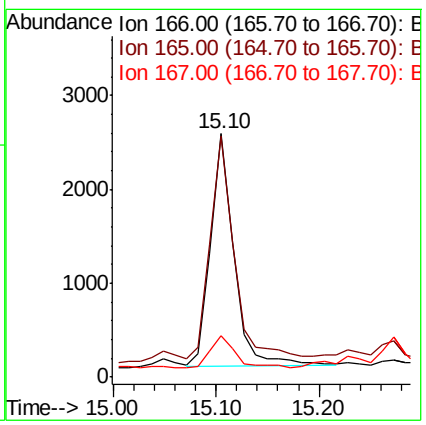


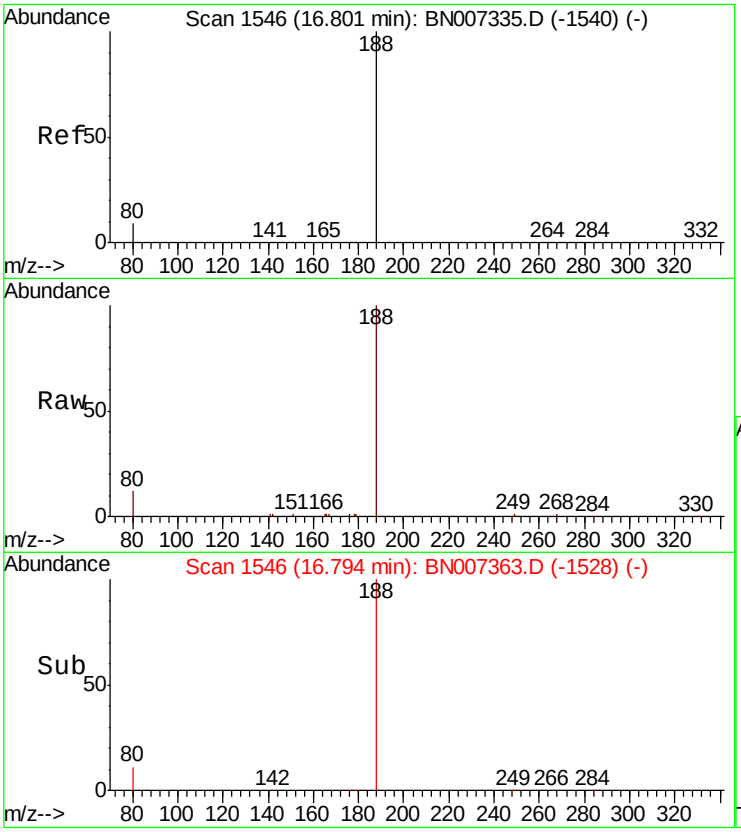


#18
Fluorene
Concen: 0.081 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:166 Resp: 3939

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	14.9	10.6	15.8



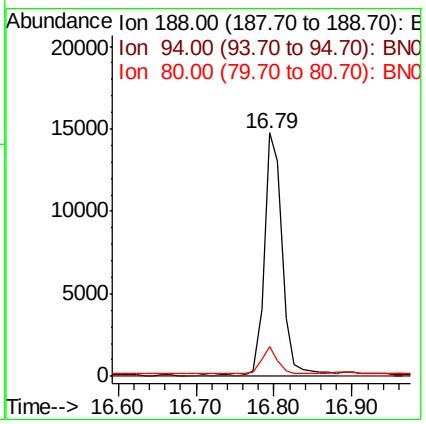


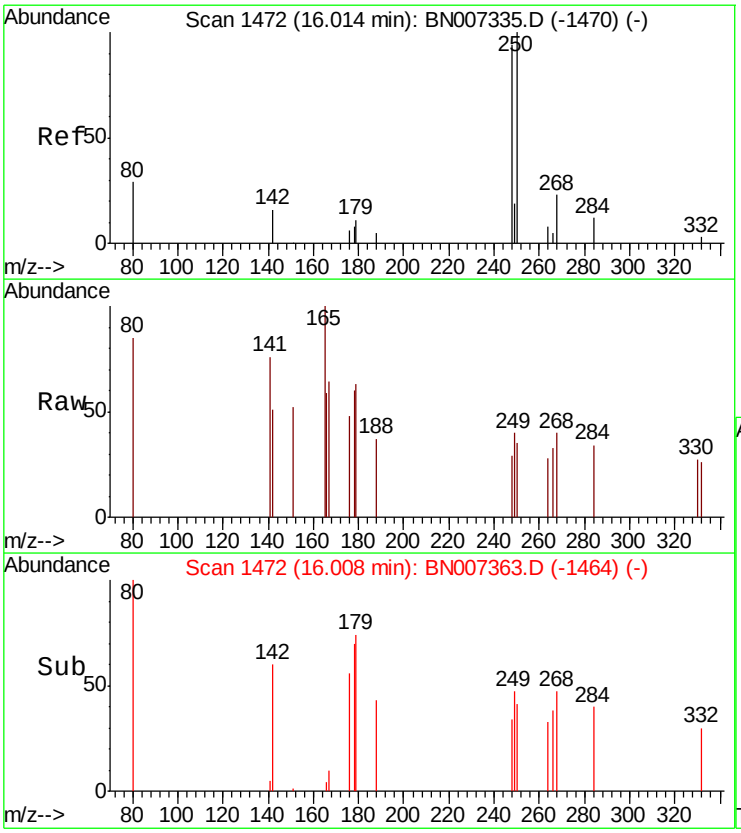
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:188 Resp: 23838

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	11.8	17.8

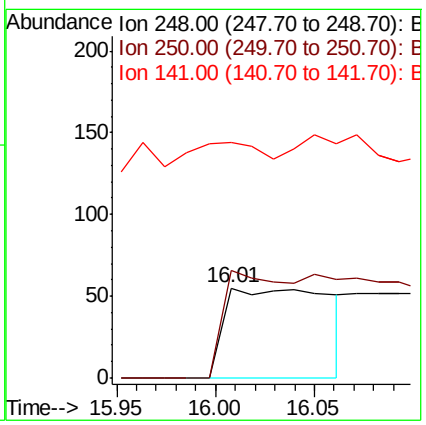


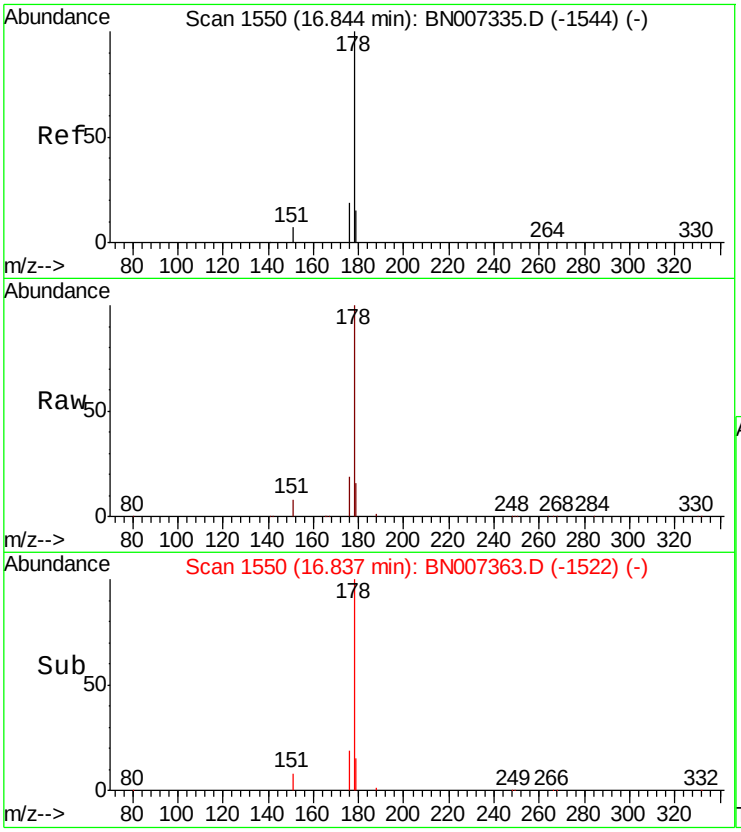


#20
4-Bromophenyl-phenylether
Concen: 0.022 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:248 Resp: 204

Ion	Ratio	Lower	Upper
248	100		
250	120.0	85.0	127.6
141	261.8	51.7	77.5#



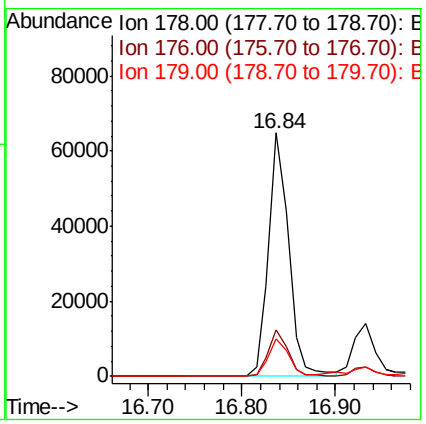


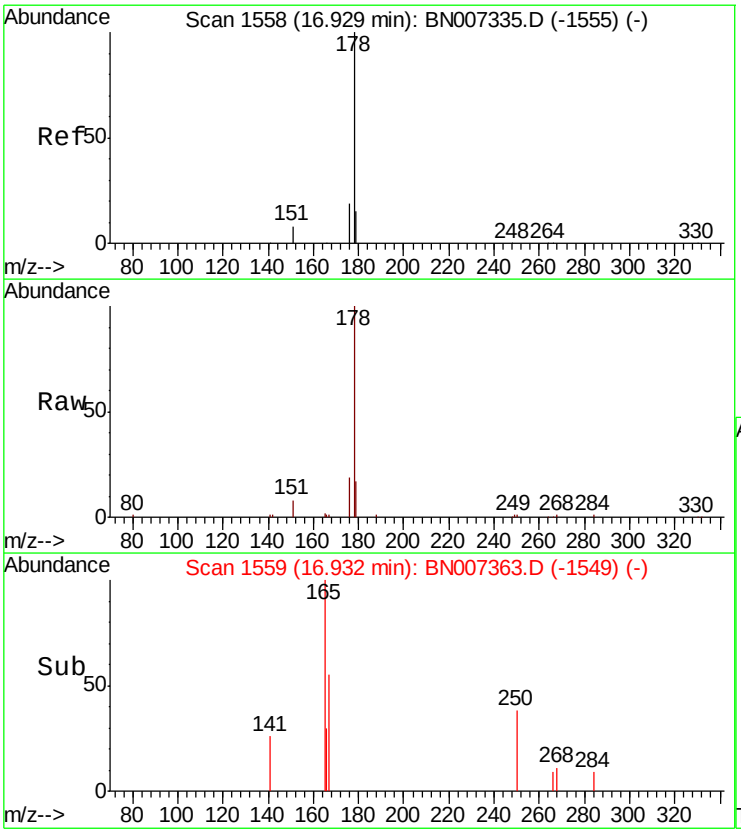
#23
Phenanthrene
Concen: 1.345 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:178 Resp: 96454

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.1	12.6	19.0

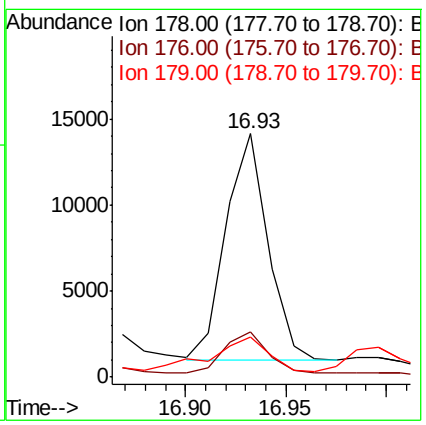


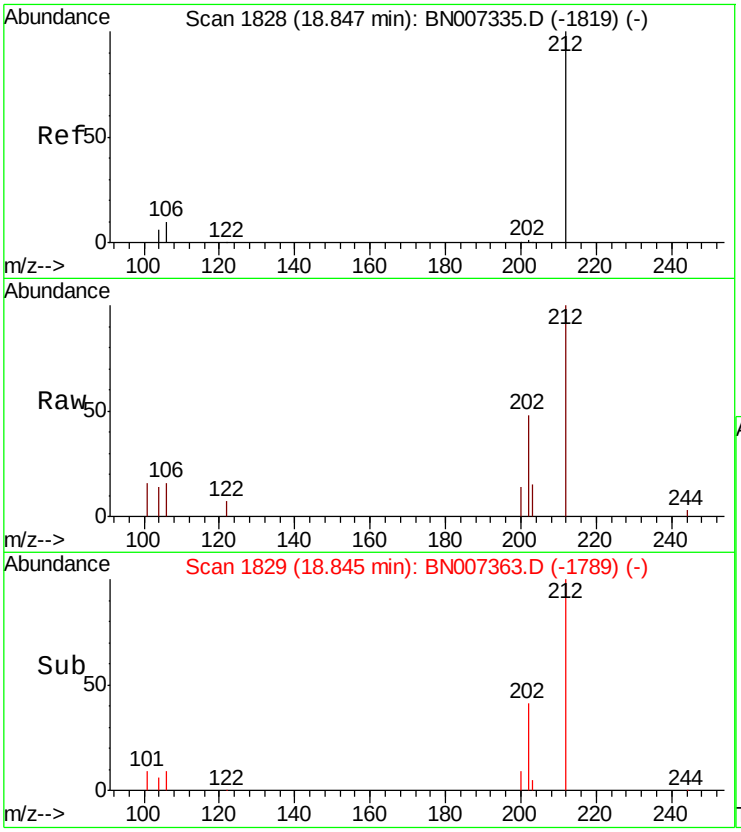


#24
Anthracene
Concen: 0.267 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:178 Resp: 19269

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.9	22.3
179	20.1	12.4	18.6#



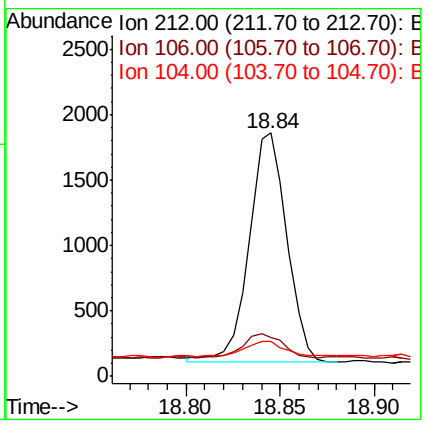


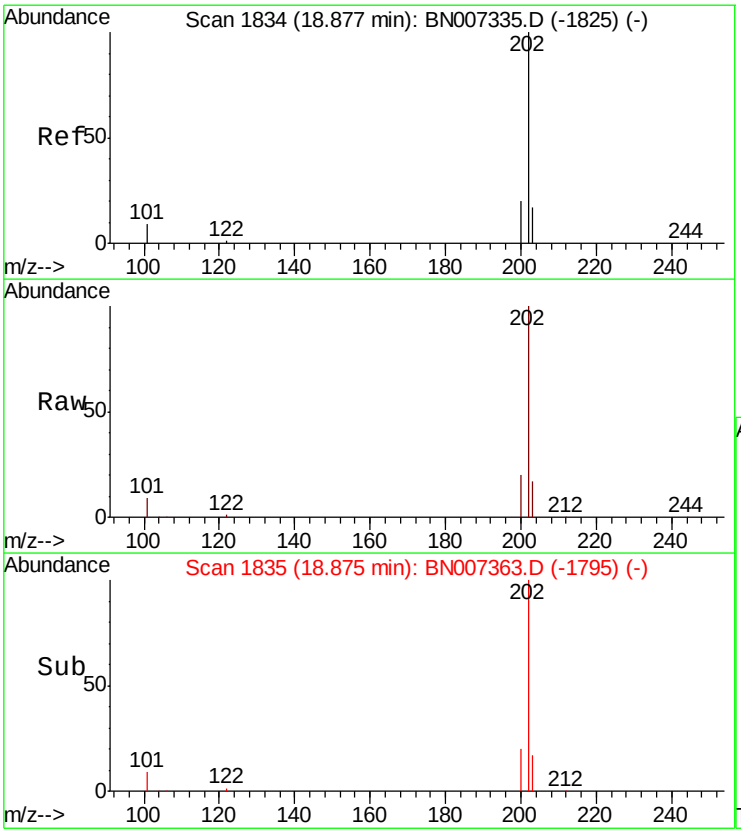
#25
Fluoranthene-d10
Concen: 0.032 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:212 Resp: 2436

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.0	13.4
104	8.6	5.4	8.2#

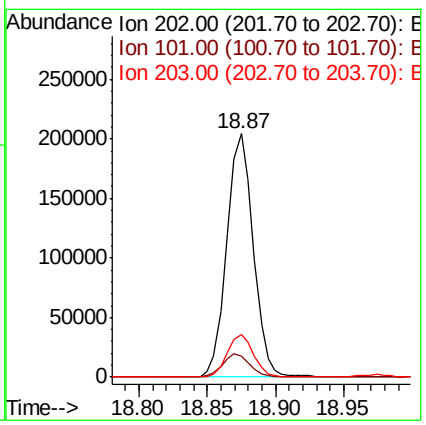


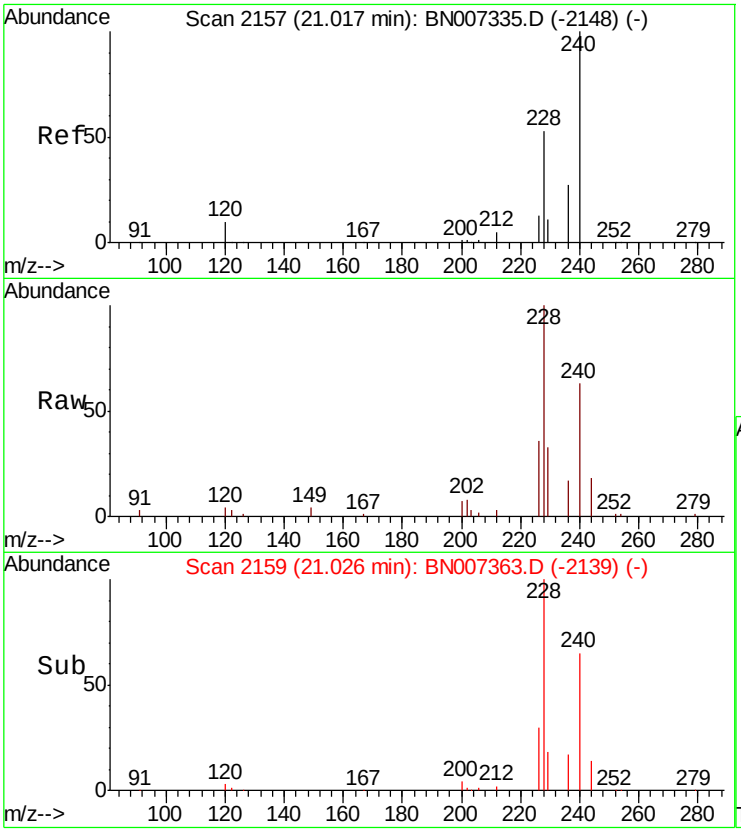


#26
Fluoranthene
Concen: 2.977 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:202 Resp: 274049

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.3	13.7	20.5



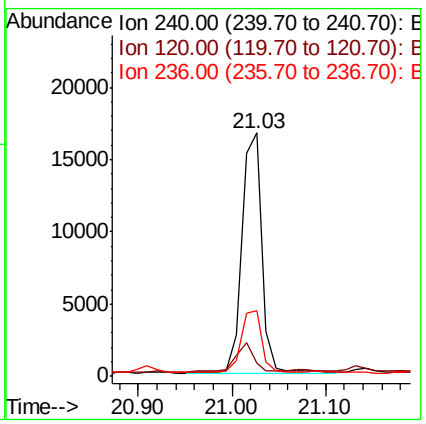


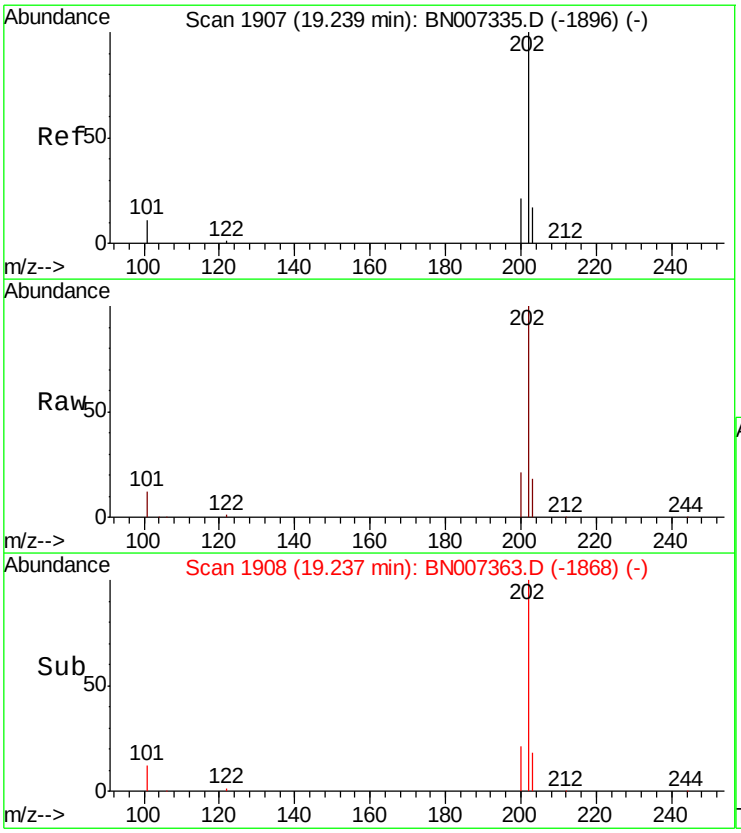
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:240 Resp: 25037

Ion	Ratio	Lower	Upper
240	100		
120	5.6	9.6	14.4#
236	27.0	22.2	33.2

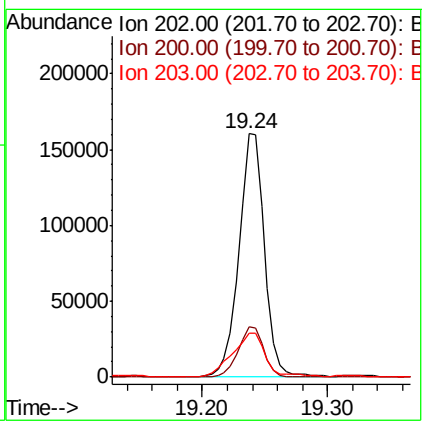


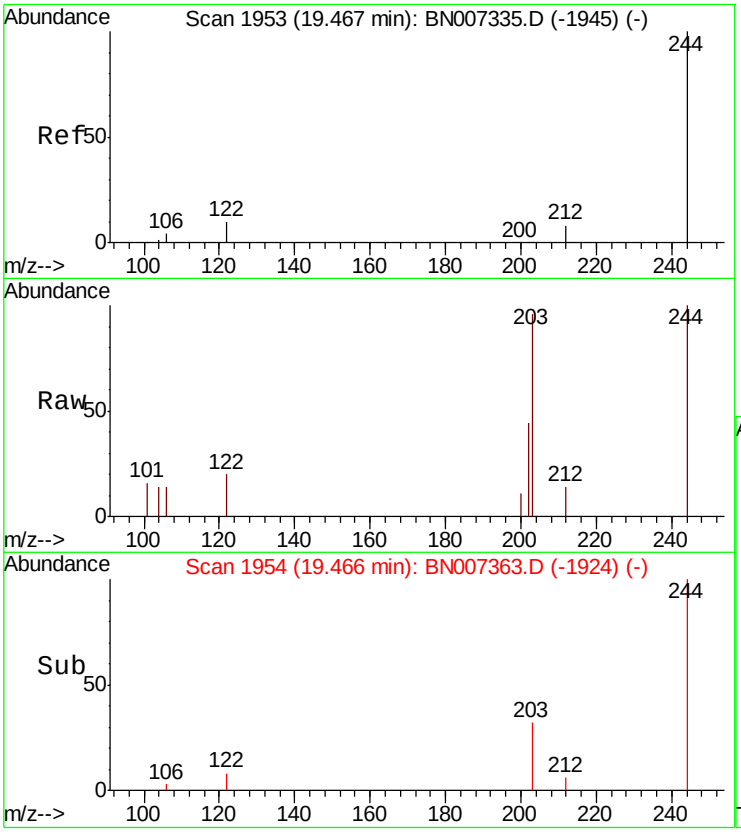


#28
Pyrene
Concen: 2.237 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:202 Resp: 225330

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.5	14.2	21.4#



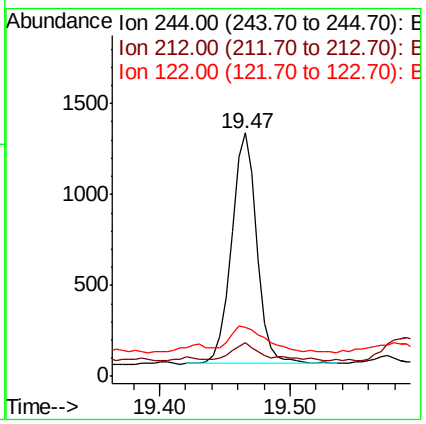


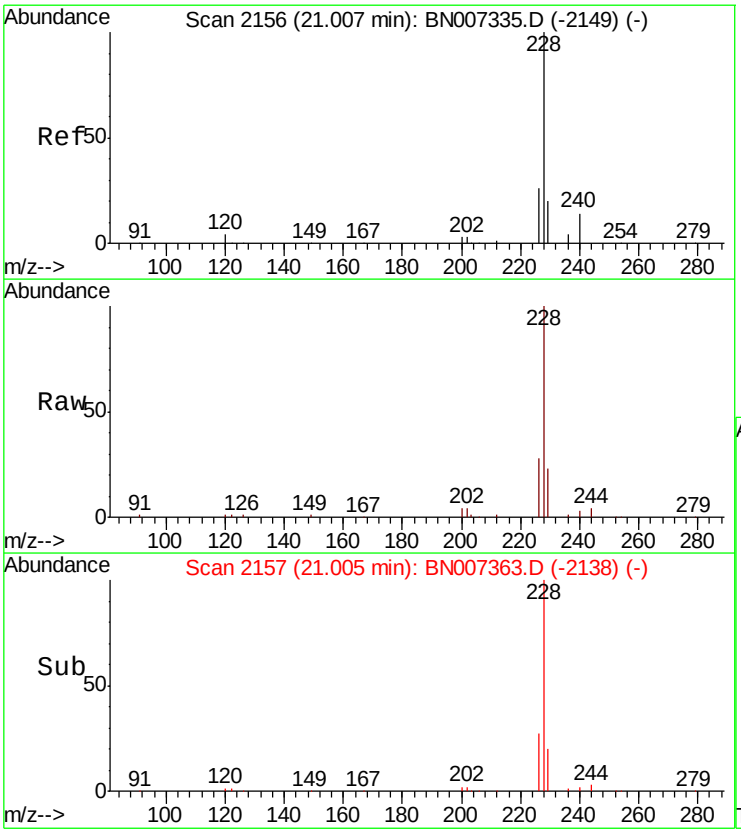
#29
Terphenyl-d14
Concen: 0.026 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:244 Resp: 1713

Ion	Ratio	Lower	Upper
244	100		
212	13.7	7.0	10.6#
122	19.9	9.6	14.4#

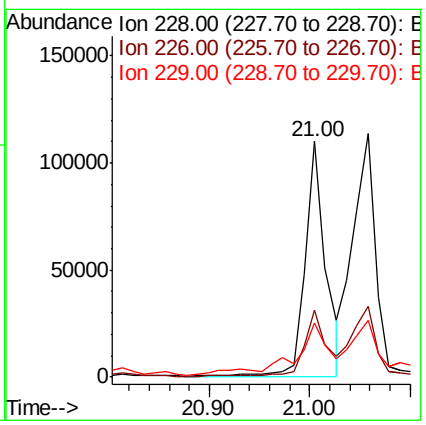


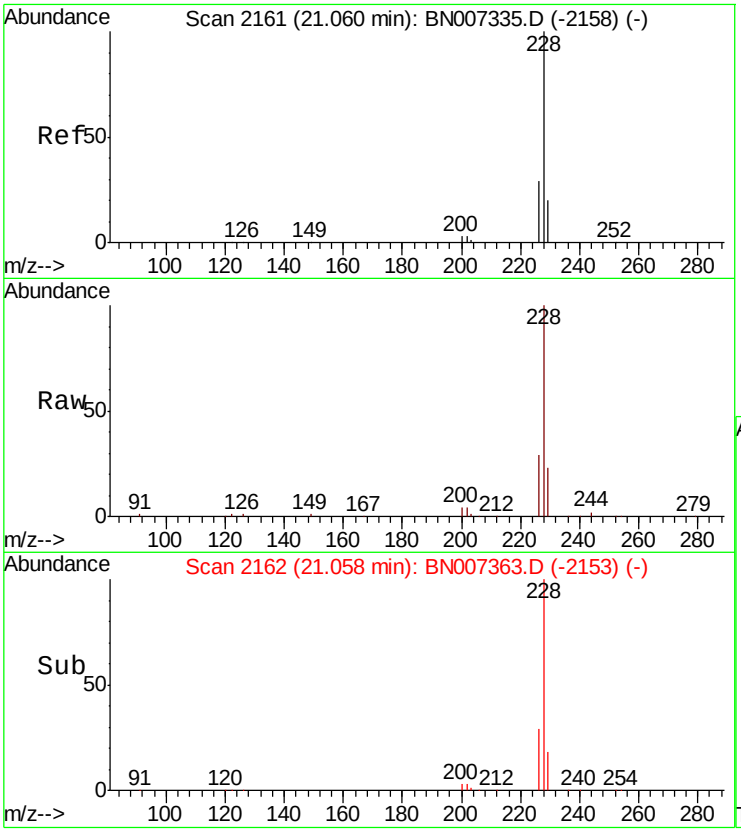


#30
Benzo(a)anthracene
Concen: 1.599 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:228 Resp: 157210

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.3	31.9
229	23.1	16.1	24.1



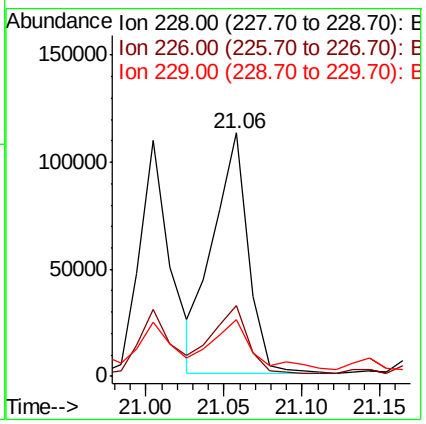


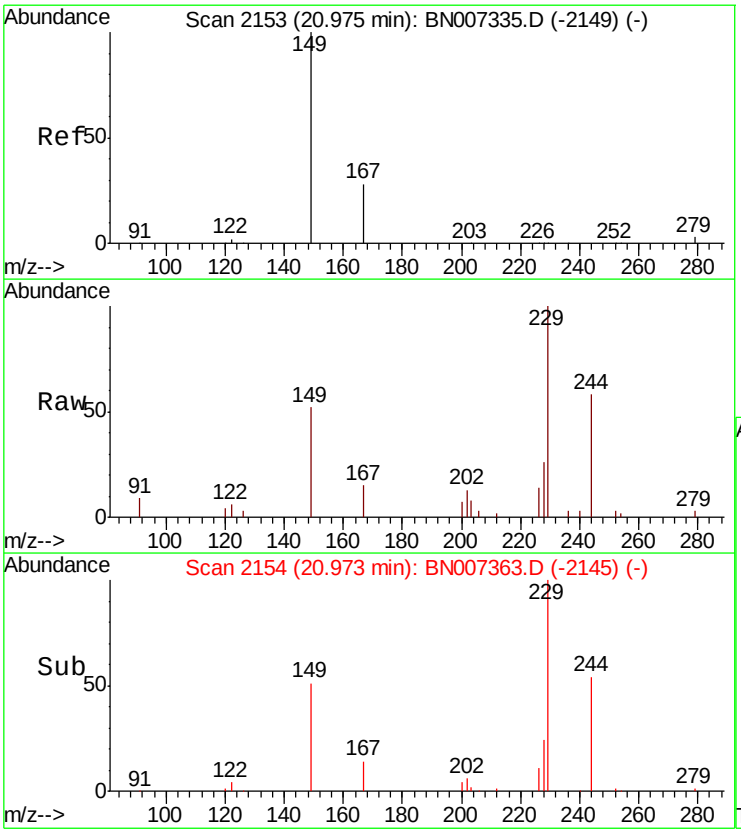
#31
Chrysene
Concen: 1.841 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:228 Resp: 174730

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	23.5	16.6	24.8

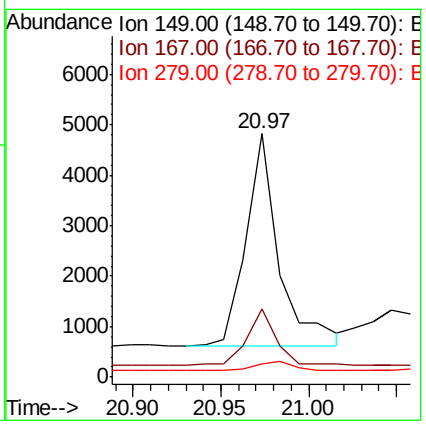


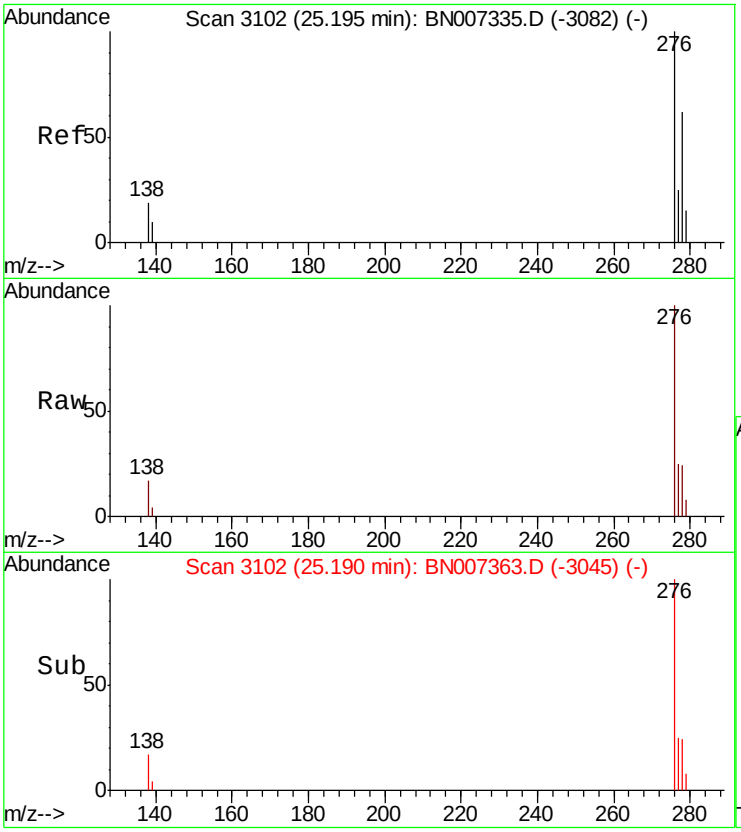


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:149 Resp: 5483

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.8	34.2
279	4.2	3.5	5.3



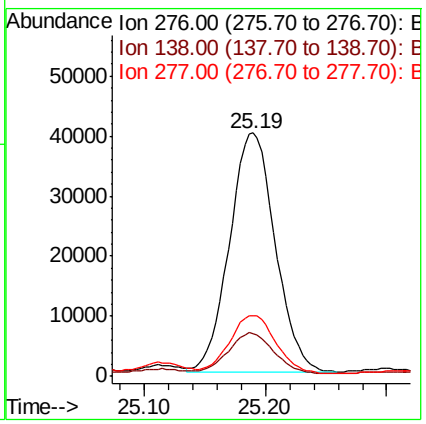


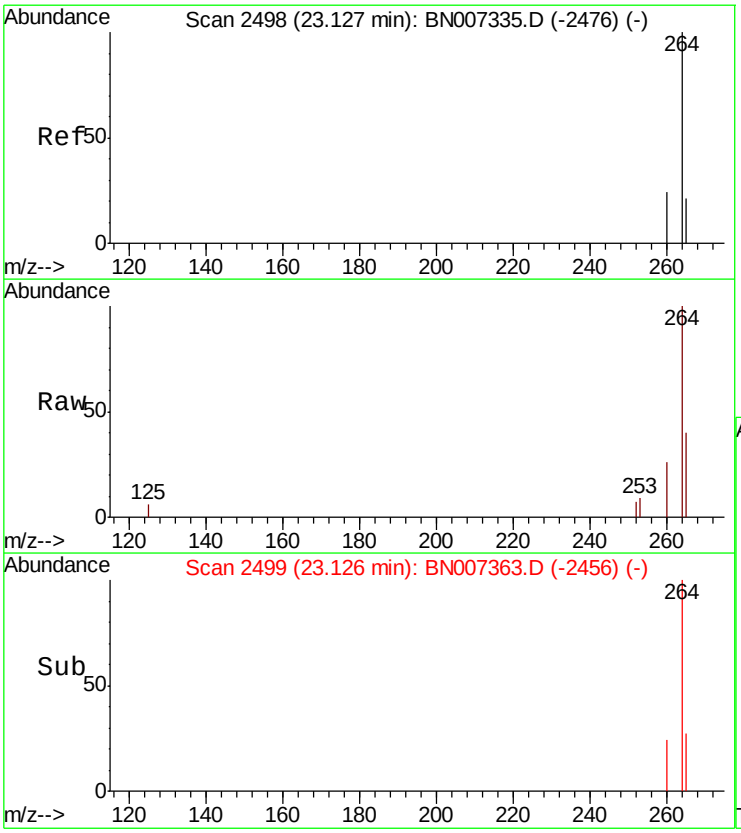
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.912 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:276 Resp: 104224

Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.1	22.7
277	24.7	19.7	29.5

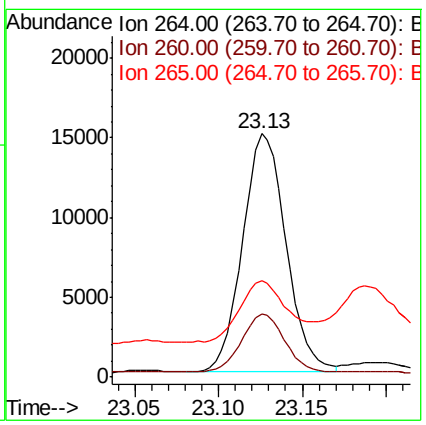


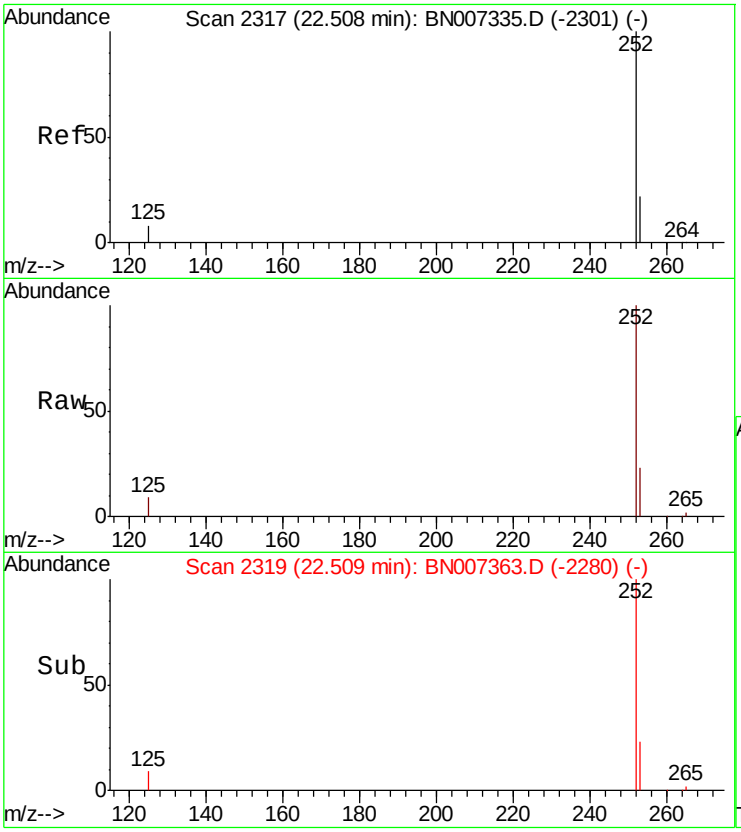


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:264 Resp: 27060

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.7	29.5
265	39.9	29.9	44.9



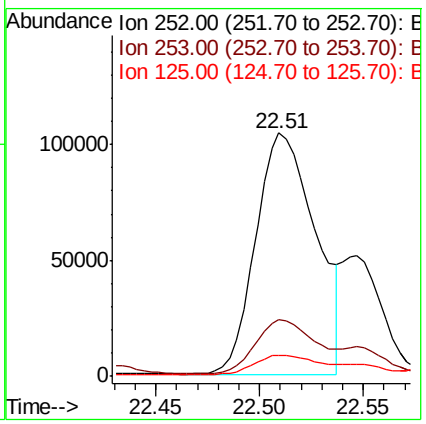


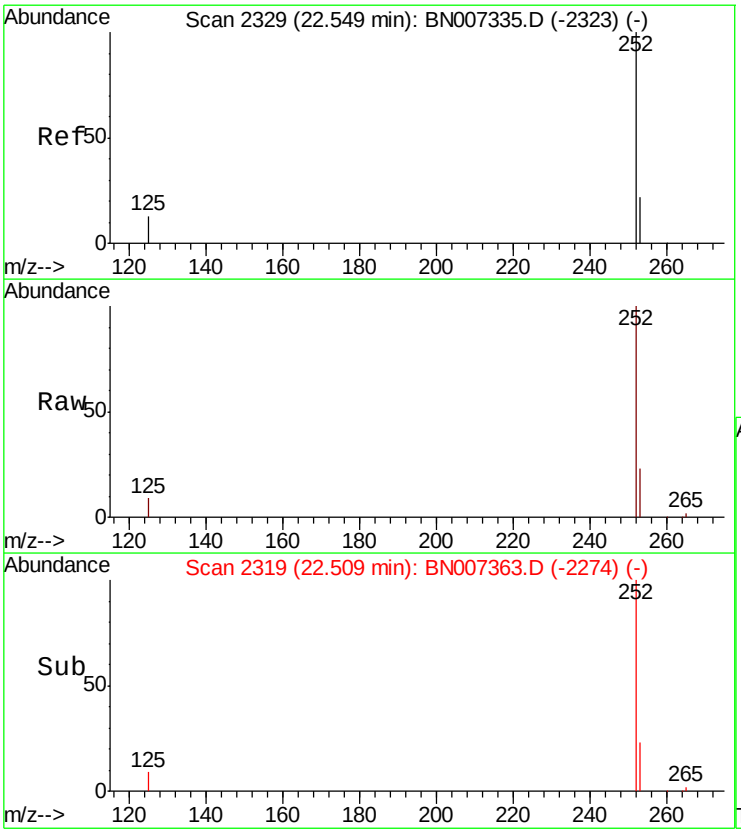
#35
Benzo(b)fluoranthene
Concen: 2.123 ng
RT: 22.51 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:252 Resp: 208151

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	8.8	10.6	16.0#

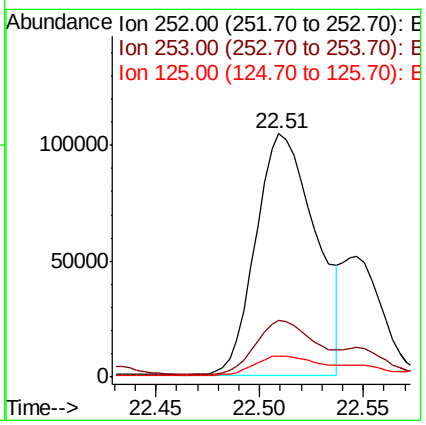


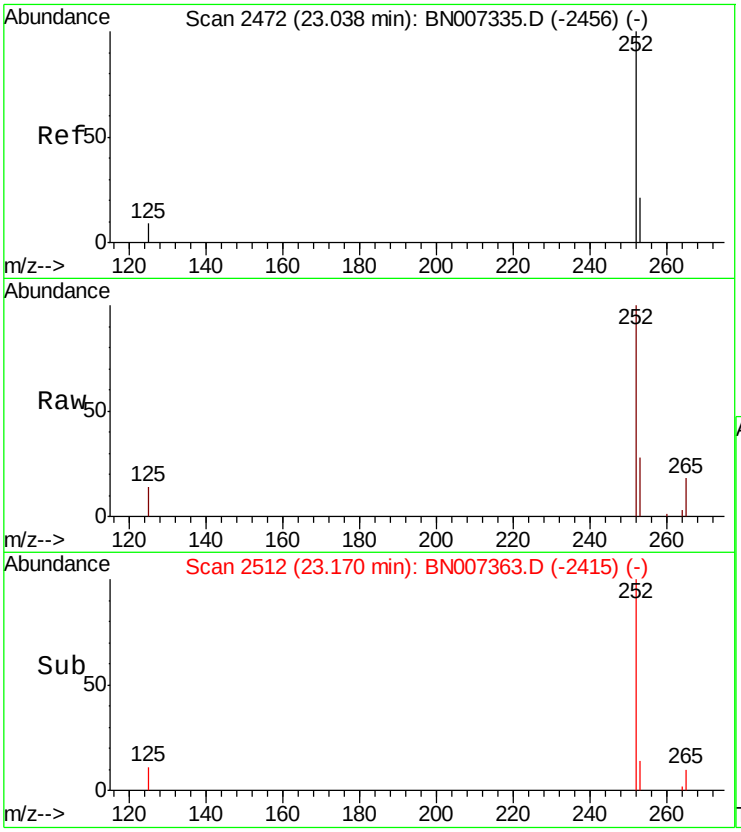


#36
Benzo(k)fluoranthene
Concen: 2.148 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.04 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:252 Resp: 208151

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	8.8	13.1	19.7#



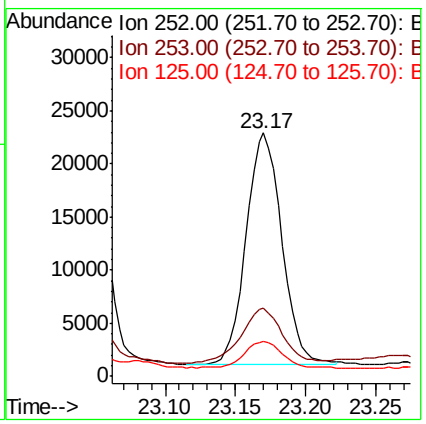


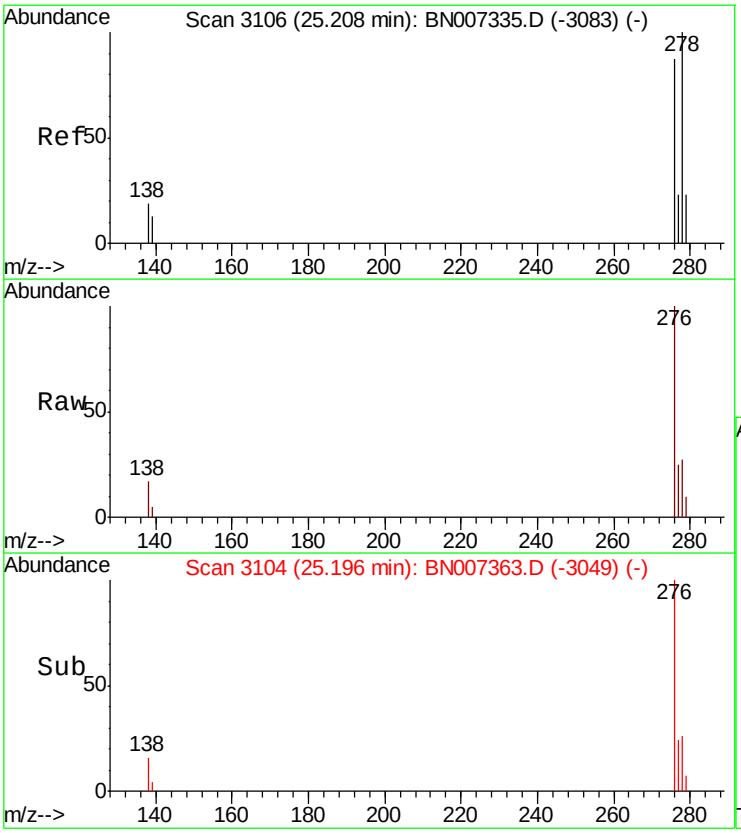
#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.17 min Scan# 2512
Delta R.T. 0.13 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:252 Resp: 38620

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.5	29.3
125	14.2	12.1	18.1

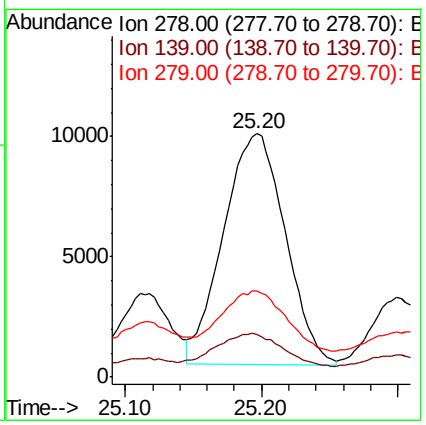


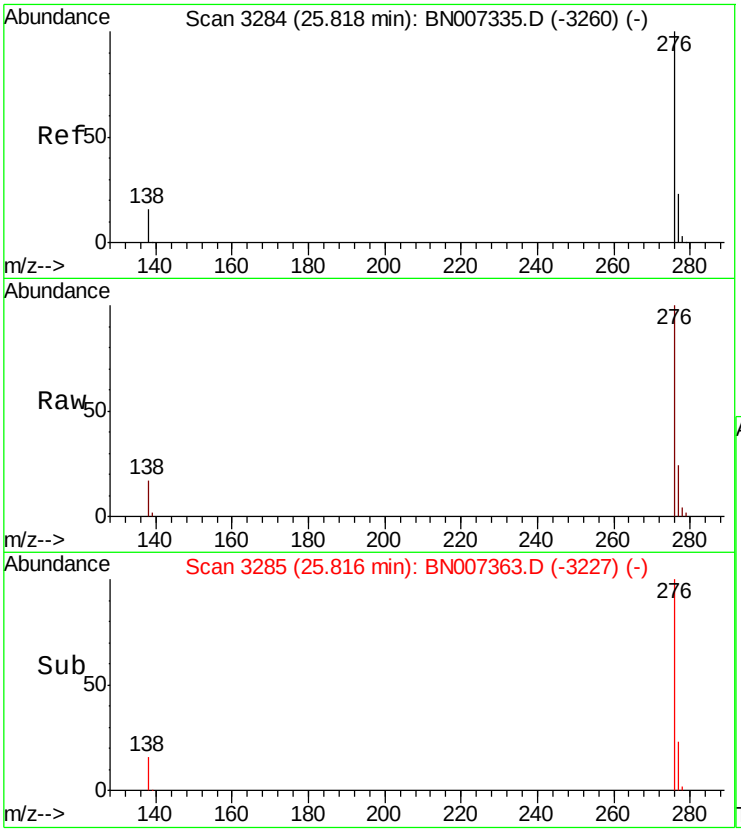


#38
Dibenzo(a,h)anthracene
Concen: 0.325 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Tgt Ion:278 Resp: 30298

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	35.4	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 1.169 ng
RT: 25.82 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BN007363.D
Acq: 24 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
S701-N-0.0-0.5-082019DL

Tgt Ion:276 Resp: 108461

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	17.2	16.3	24.5