Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

Quantitation Report (Not Reviewed)

Data File : BN007401.D
Acq On : 25 Aug 2019 18:25
Operator : HP/JU
Sample : K4496-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S600-M-1.0-1.5-082219-FD

Quant Time: Aug 26 05:23:37 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	3859	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	15321	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	8180	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	18161	0.40	ng	0.00
27) Chrysene-d12	21.02	240	18912	0.40	ng	0.00
34) Perylene-d12	23.12	264	21208	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	3780	0.27	ng	0.00
5) Phenol-d6	6.59	99	4834	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	3661	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	7001	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1198	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	8666	0.26	ng	0.00
25) Fluoranthene-d10	18.84	212	15433	0.26	ng	0.00
29) Terphenyl-d14	19.46	244	10970	0.22	ng	0.00
Target Compounds						Qvalue
20) 4-Bromophenyl-phenylether	16.07	248	241	0.034	ng	# 22
23) Phenanthrene	16.84	178	1758	0.032	ng	100
26) Fluoranthene	18.87	202	3783	0.054	ng	98
28) Pyrene	19.24	202	3686	0.048	ng	# 93
30) Benzo(a)anthracene	21.00	228	2355	0.032	ng	# 64
31) Chrysene	21.05	228	2273	0.032	ng	# 72
32) Bis(2-ethylhexyl)phthalate	20.96	149	6359	0.113	ng	97
35) Benzo(b)fluoranthene	22.50	252	2896	0.038	ng	# 27
36) Benzo(k)fluoranthene	22.50	252	2896	0.038	ng	# 31
37) Benzo(a)pyrene	23.03	252	1757	0.024	ng	# 4
39) Benzo(g,h,i)perylene	25.80	276	1476	0.020	ng	# 38

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

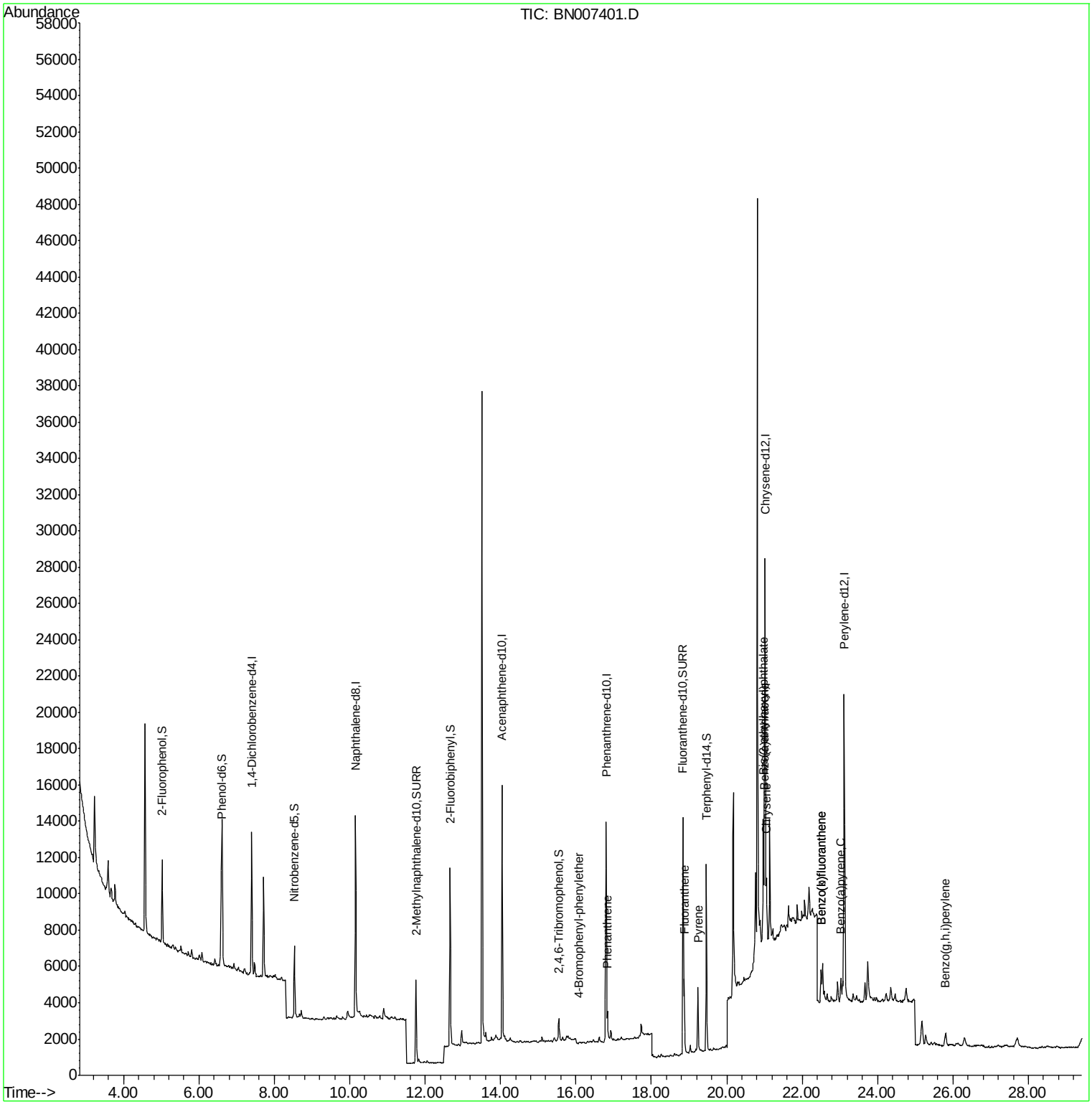
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

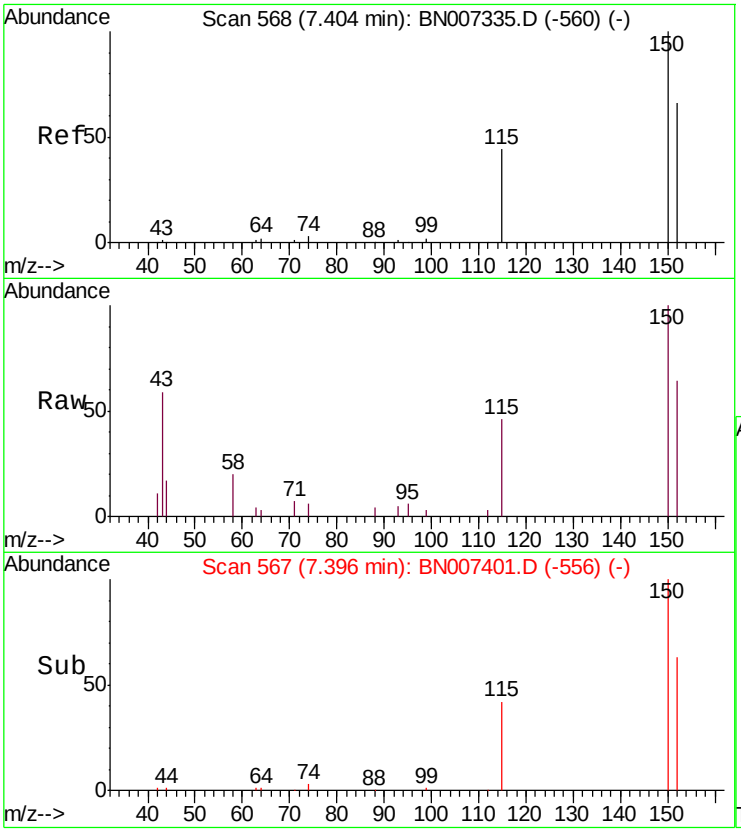
Quantitation Report (Not Reviewed)

Data File : BN007401.D
Acq On : 25 Aug 2019 18:25
Operator : HP/JU
Sample : K4496-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Quant Time: Aug 26 05:23:37 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



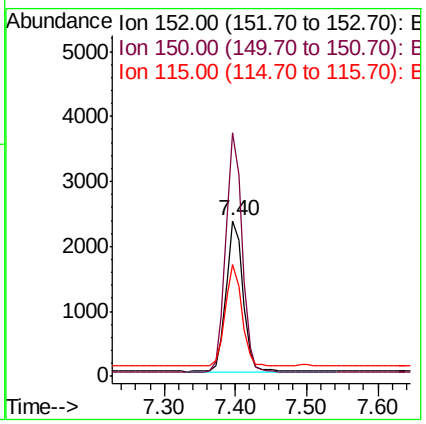


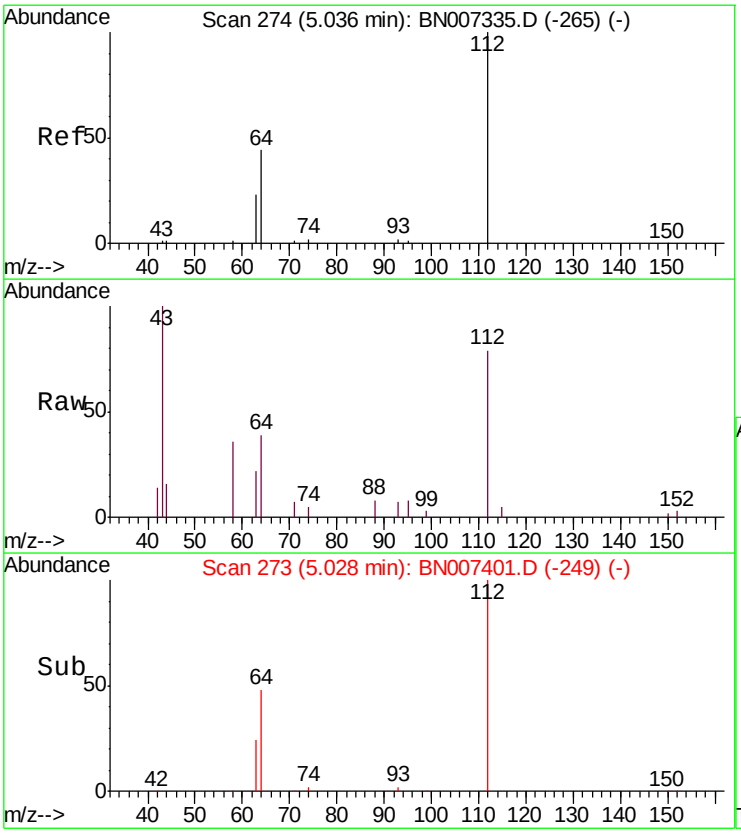
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:152 Resp: 3859

Ion	Ratio	Lower	Upper
152	100		
150	156.6	109.1	163.7
115	72.1	59.6	89.4

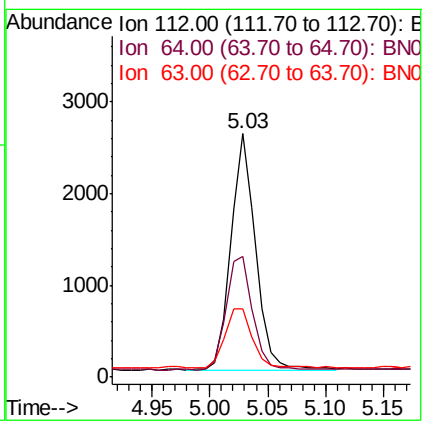


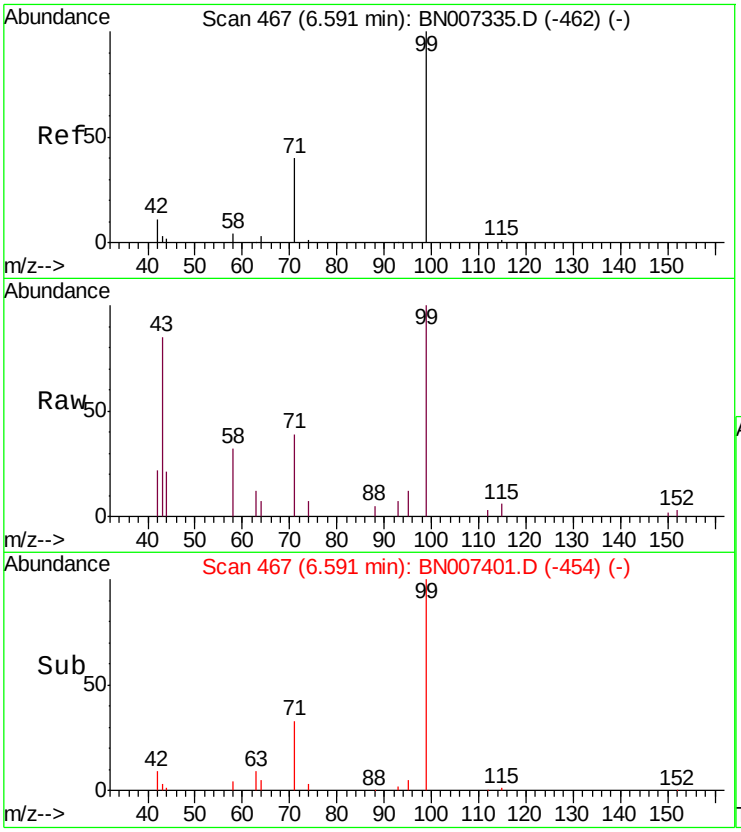


#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:112 Resp: 3780

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.3	63.5
63	27.5	23.6	35.4



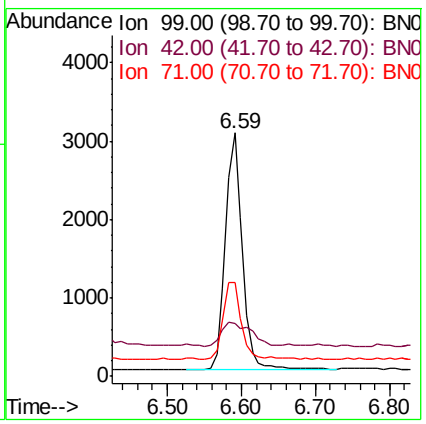


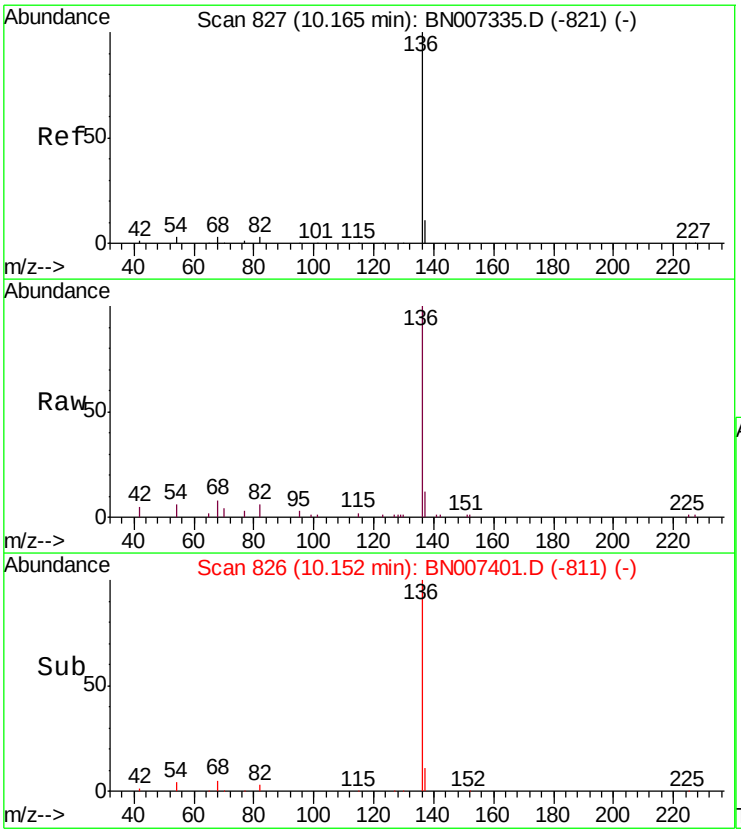
#5
Phenol-d6
Concen: 0.274 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion: 99 Resp: 4834

Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.2	16.8#
71	35.5	31.8	47.8

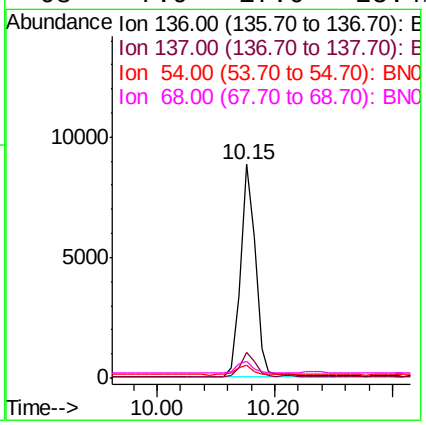


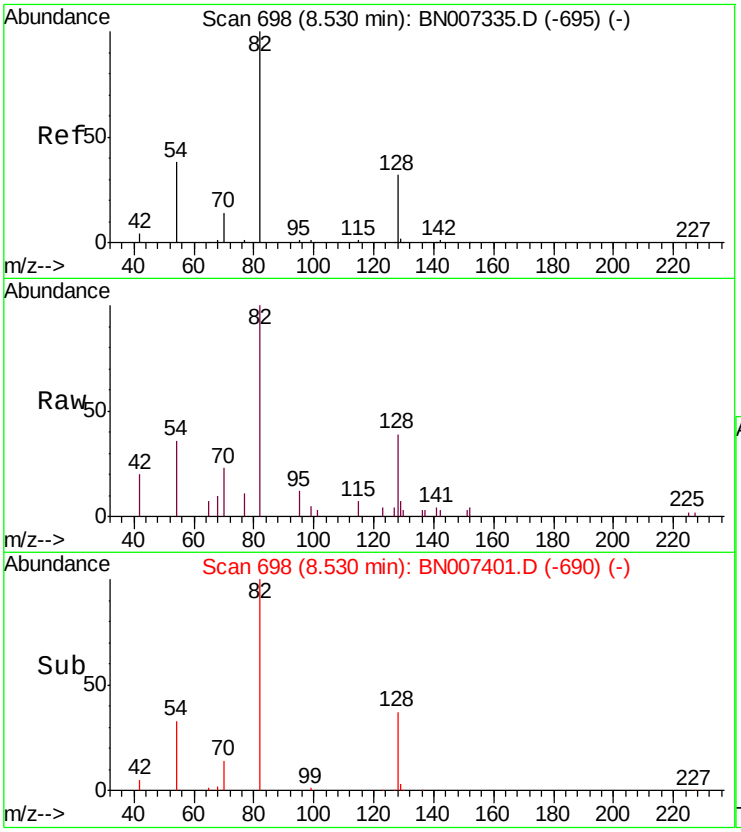


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:136 Resp: 15321

Ion	Ratio	Lower	Upper
136	100		
137	11.7	12.9	19.3#
54	5.7	8.6	12.8#
68	7.9	17.0	25.4#



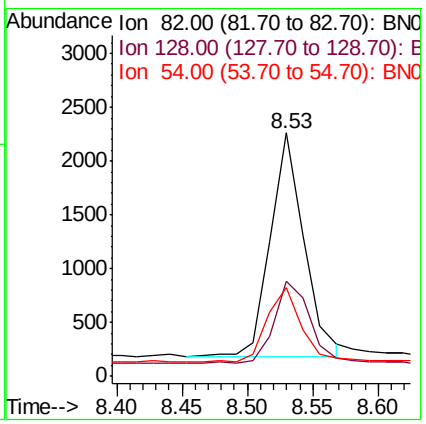


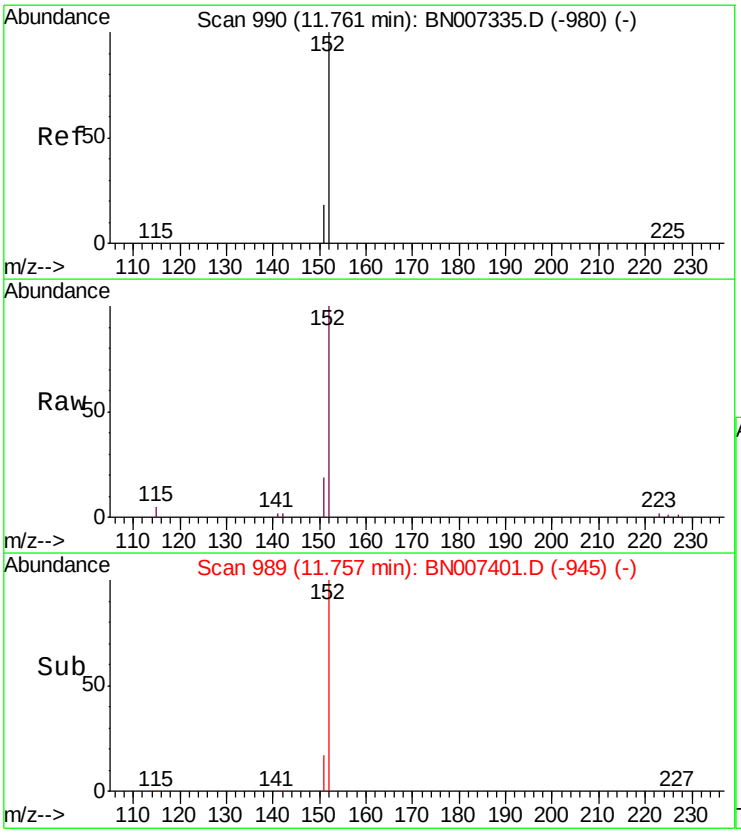
#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion: 82 Resp: 3661

Ion	Ratio	Lower	Upper
82	100		
128	39.0	19.7	29.5#
54	36.3	25.8	38.6

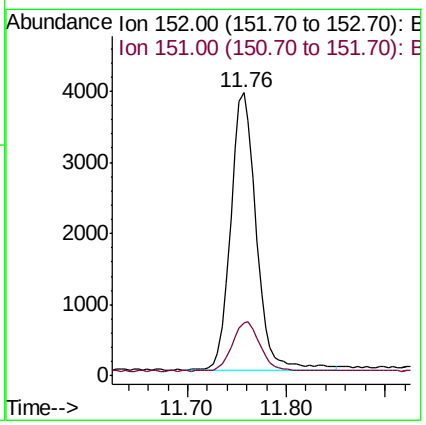


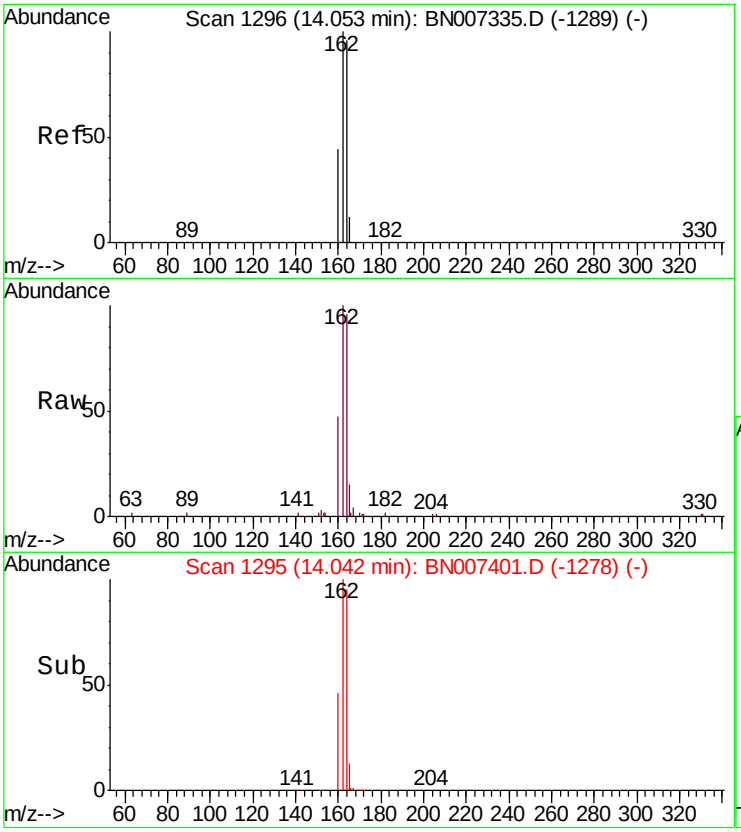


#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:152 Resp: 7001

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2



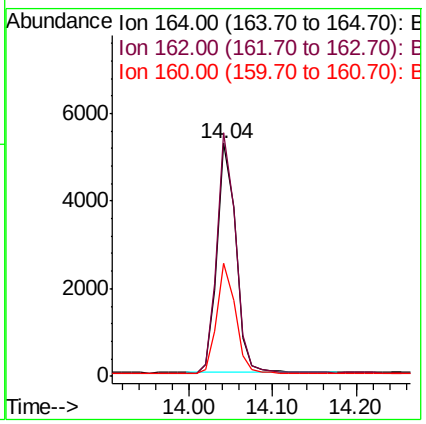


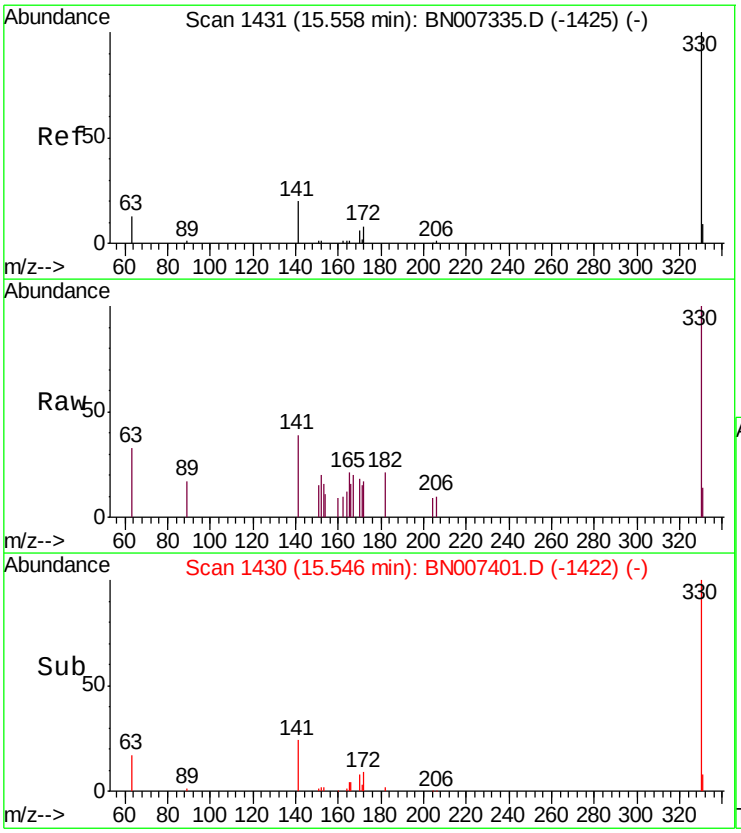
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:164 Resp: 8180

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	48.8	38.2	57.4

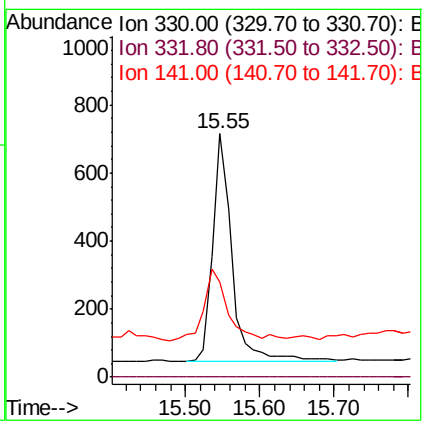


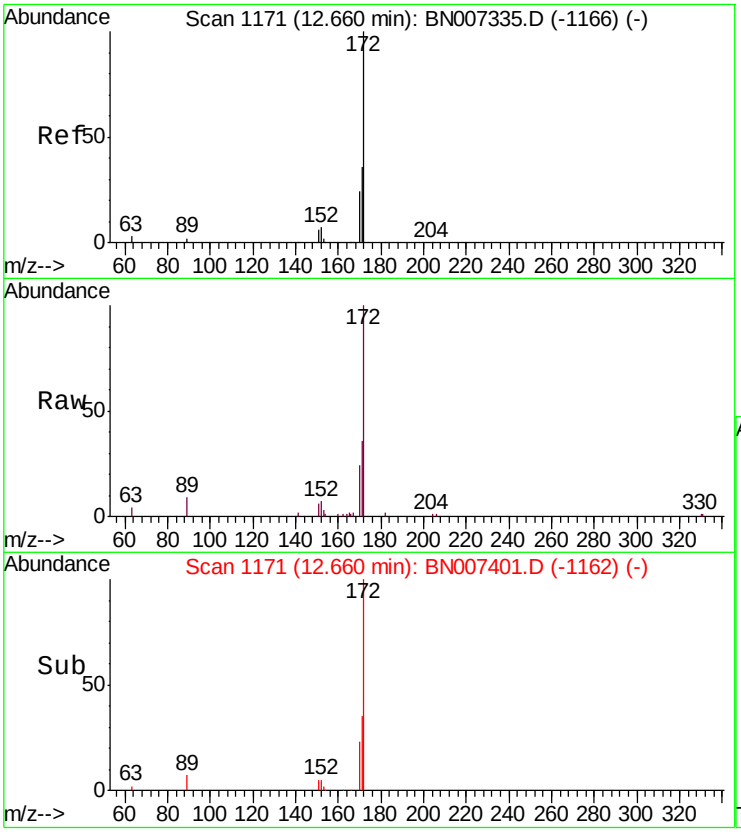


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:330 Resp: 1198

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	26.9	40.3



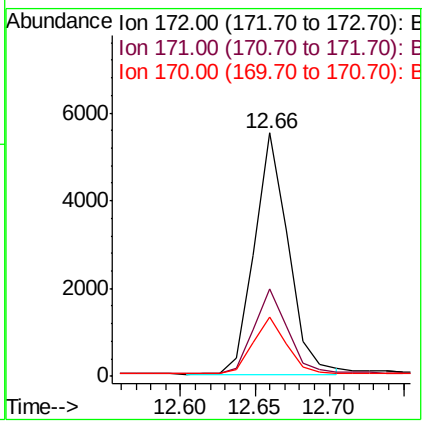


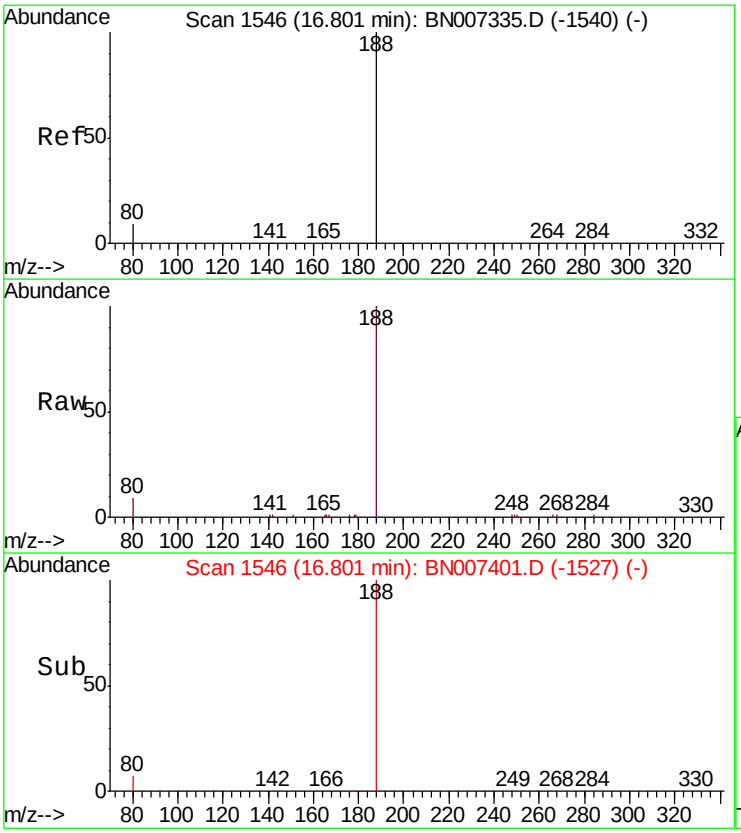
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:172 Resp: 8666

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	24.1	20.7	31.1

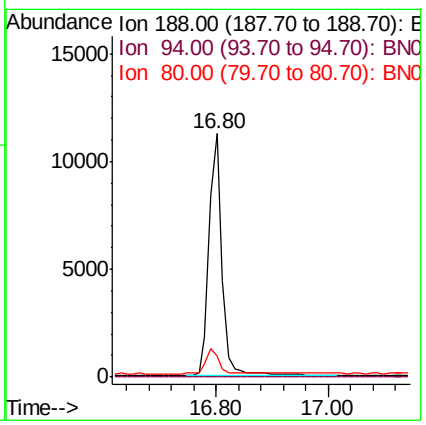


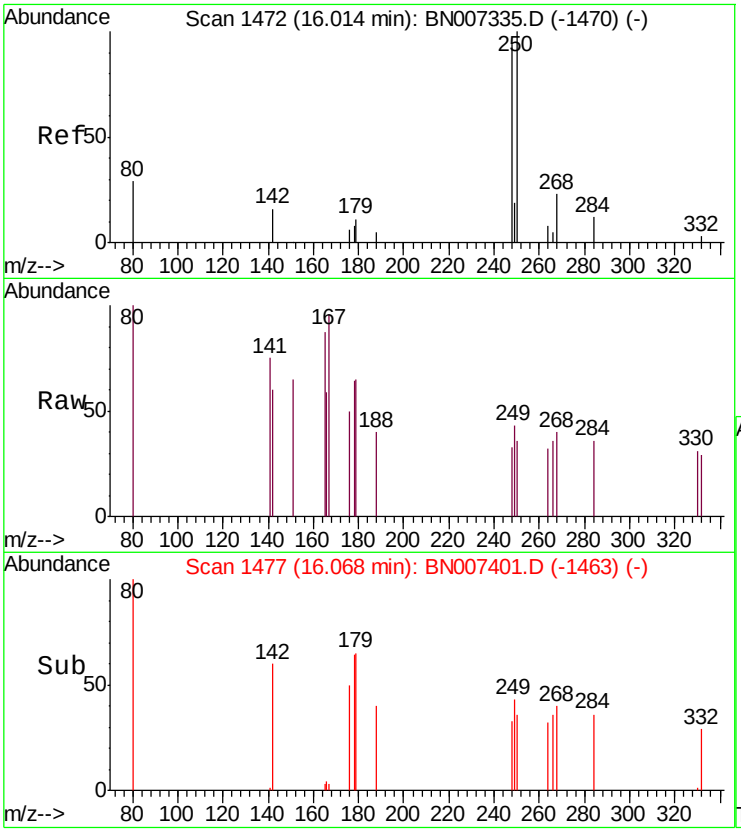


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:188 Resp: 18161

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	11.8	17.8#



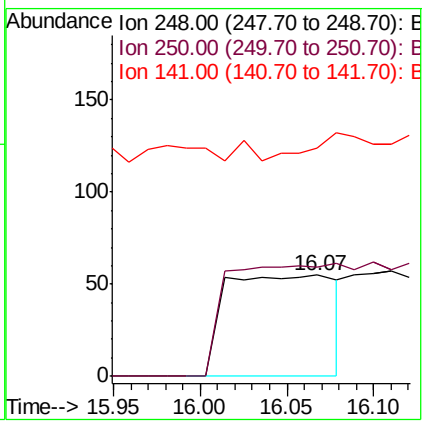


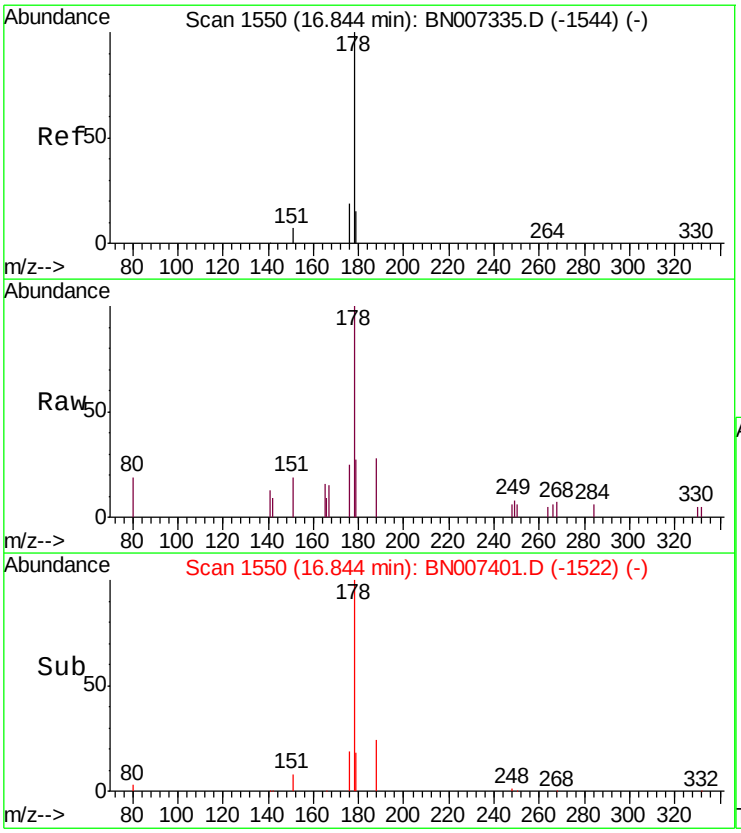
#20
4-Bromophenyl-phenylether
Concen: 0.034 ng
RT: 16.07 min Scan# 1477
Delta R.T. 0.05 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:248 Resp: 241

Ion	Ratio	Lower	Upper
248	100		
250	107.3	85.0	127.6
141	225.5	51.7	77.5#

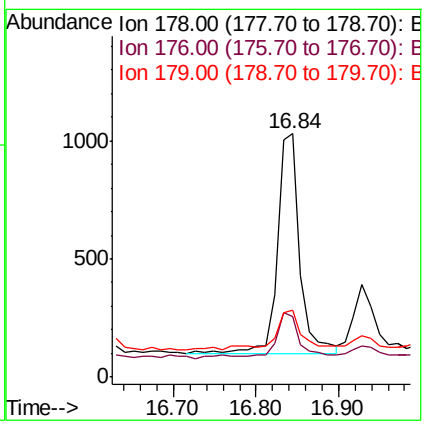


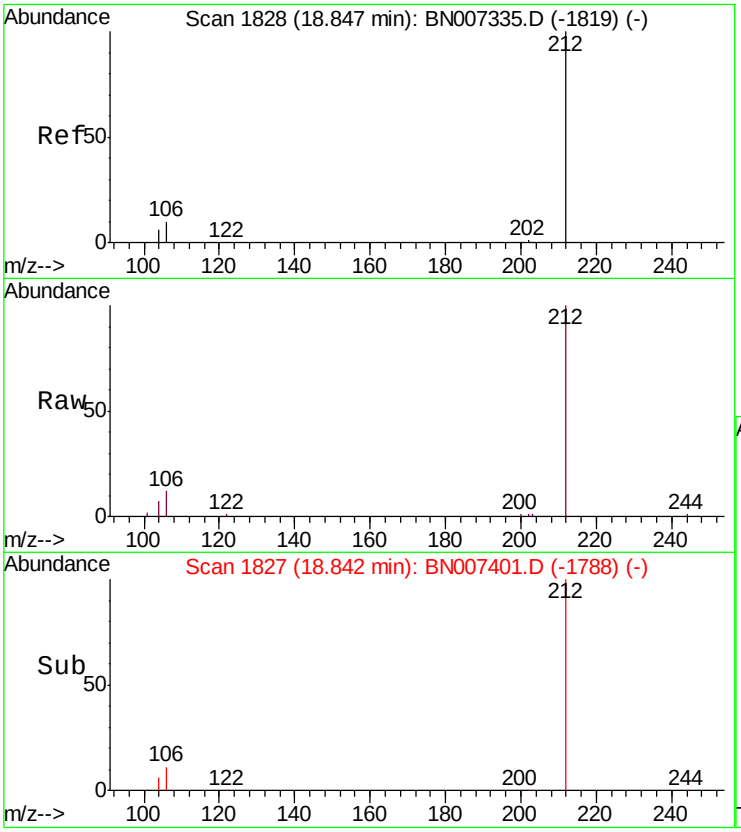


#23
Phenanthrene
Concen: 0.032 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:178 Resp: 1758

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.9	12.6	19.0



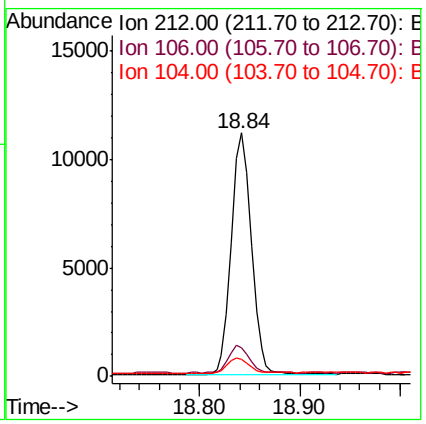


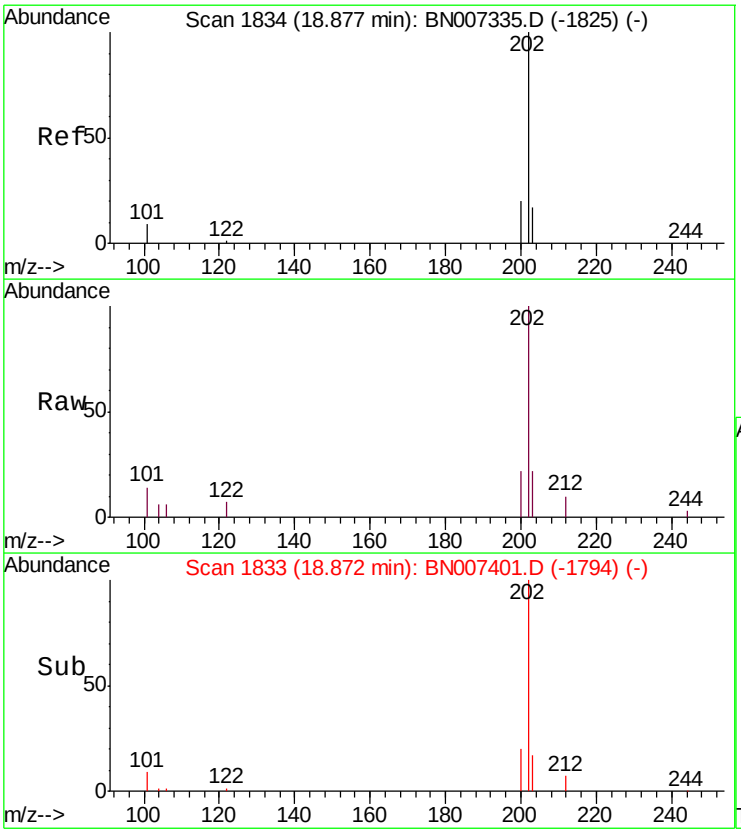
#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:212 Resp: 15433

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	6.9	5.4	8.2

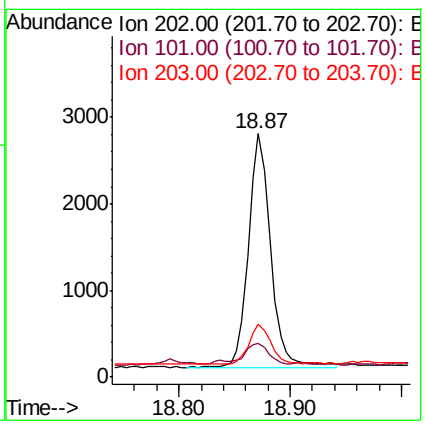


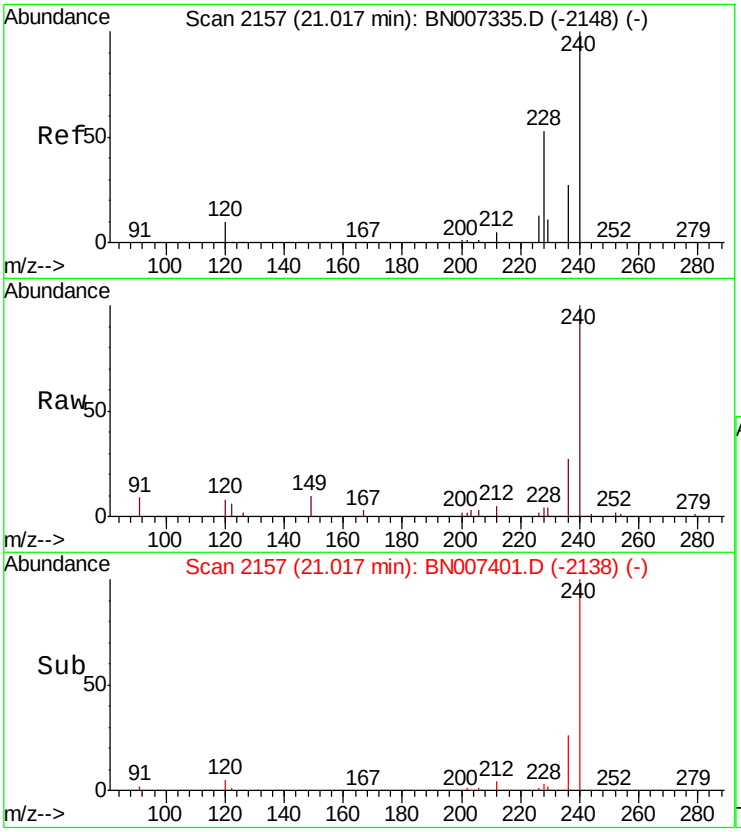


#26
Fluoranthene
Concen: 0.054 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:202 Resp: 3783

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.7	11.5
203	16.4	13.7	20.5



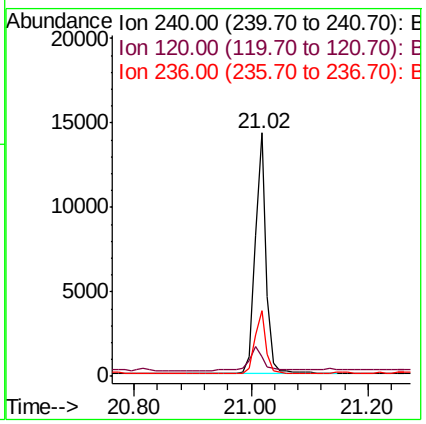


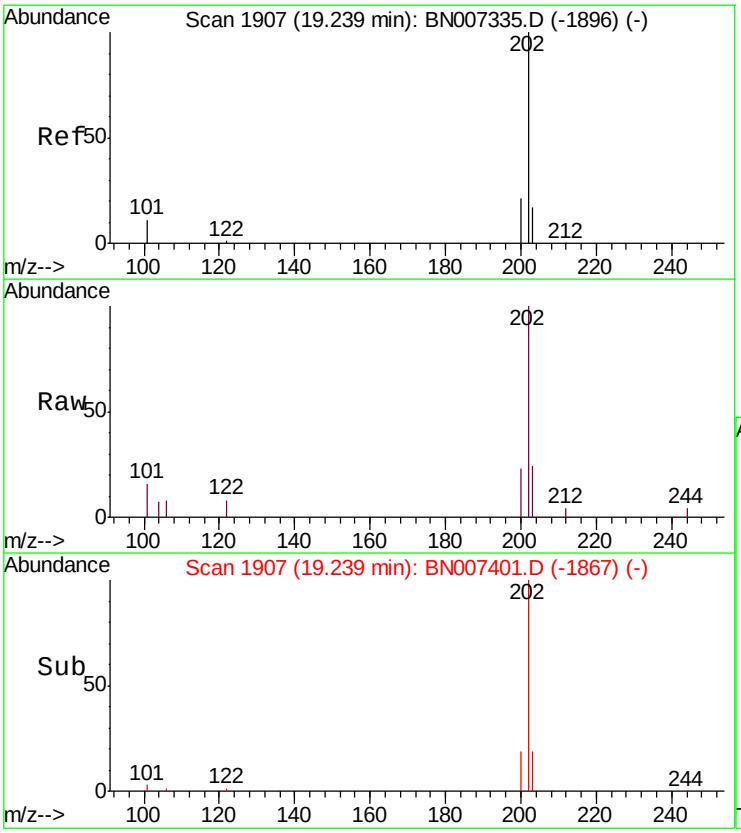
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:240 Resp: 18912

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.6	14.4#
236	26.7	22.2	33.2

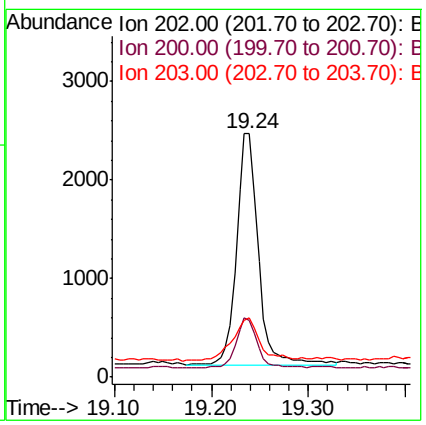


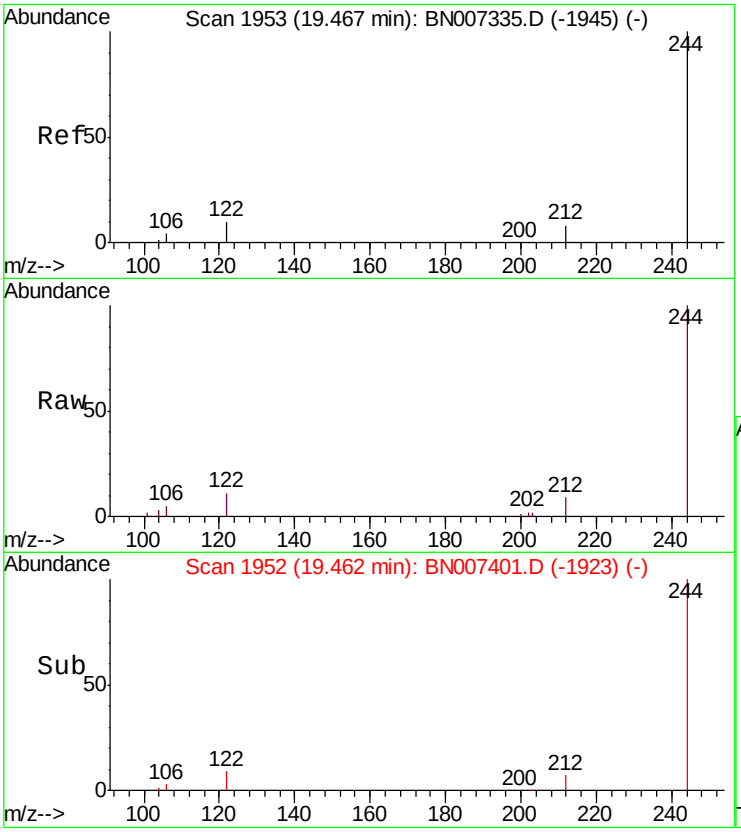


#28
Pyrene
Concen: 0.048 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:202 Resp: 3686

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	23.9	14.2	21.4#



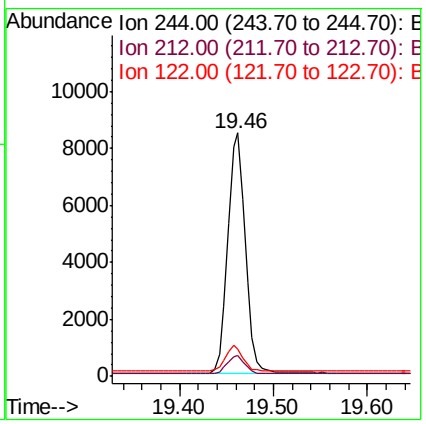


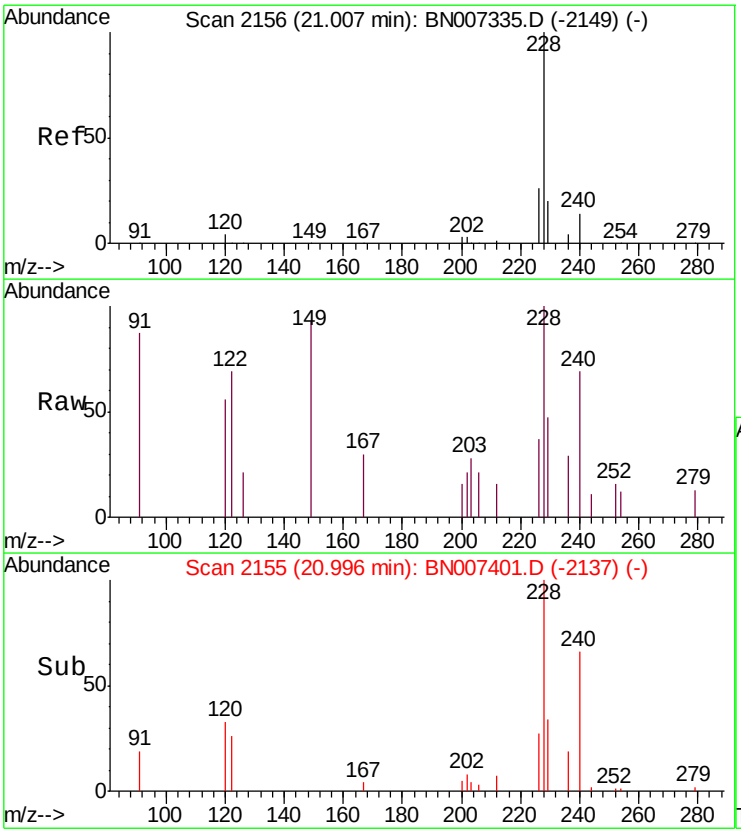
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:244 Resp: 10970

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	11.3	9.6	14.4

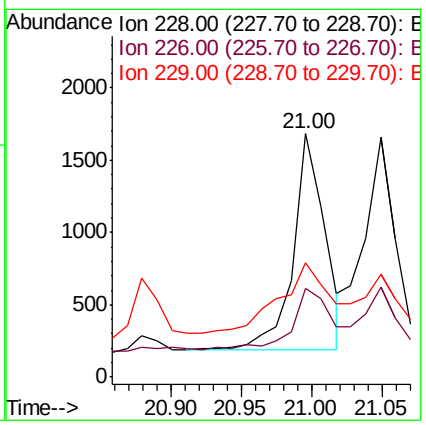


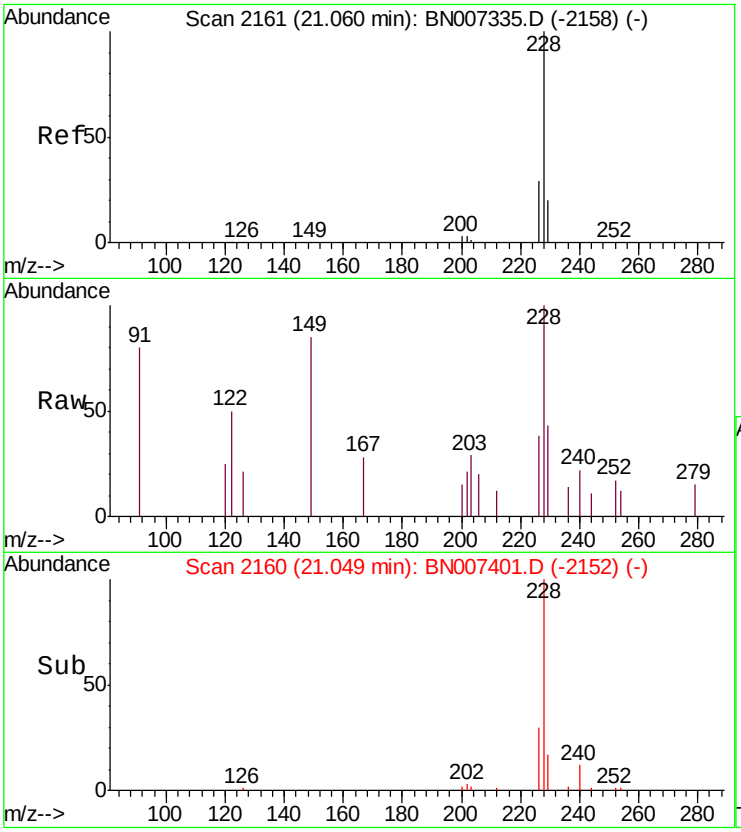


#30
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:228 Resp: 2355

Ion	Ratio	Lower	Upper
228	100		
226	36.6	21.3	31.9#
229	46.9	16.1	24.1#



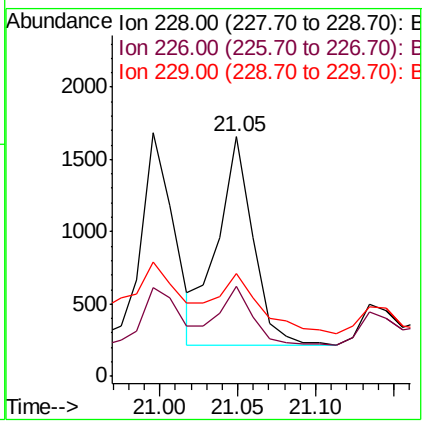


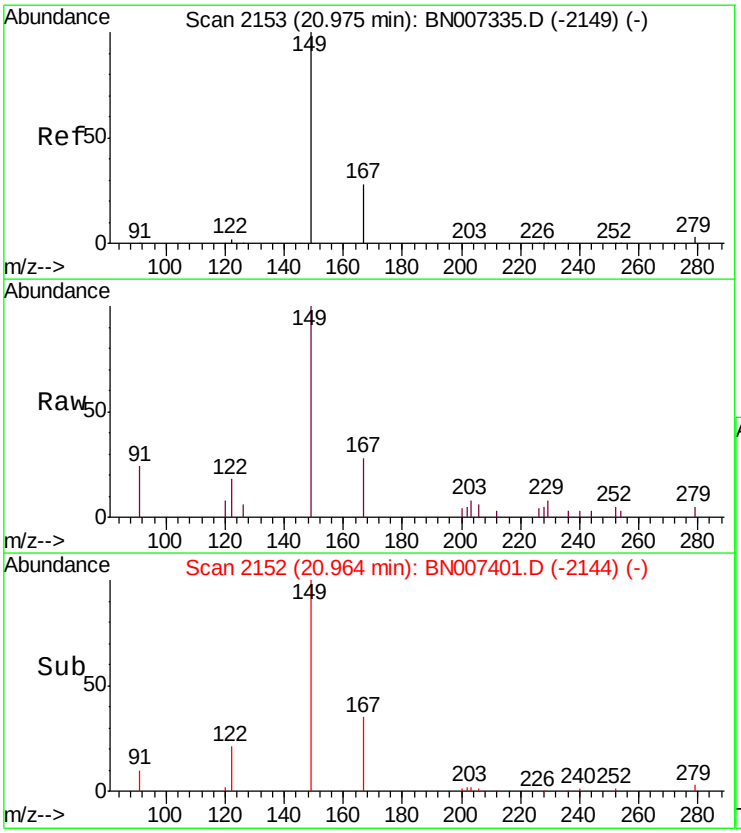
#31
Chrysene
Concen: 0.032 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:228 Resp: 2273

Ion	Ratio	Lower	Upper
228	100		
226	37.6	23.5	35.3#
229	42.6	16.6	24.8#

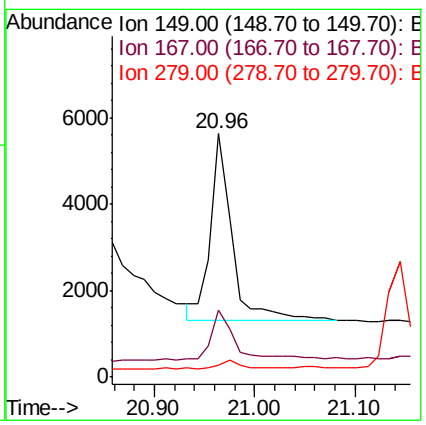


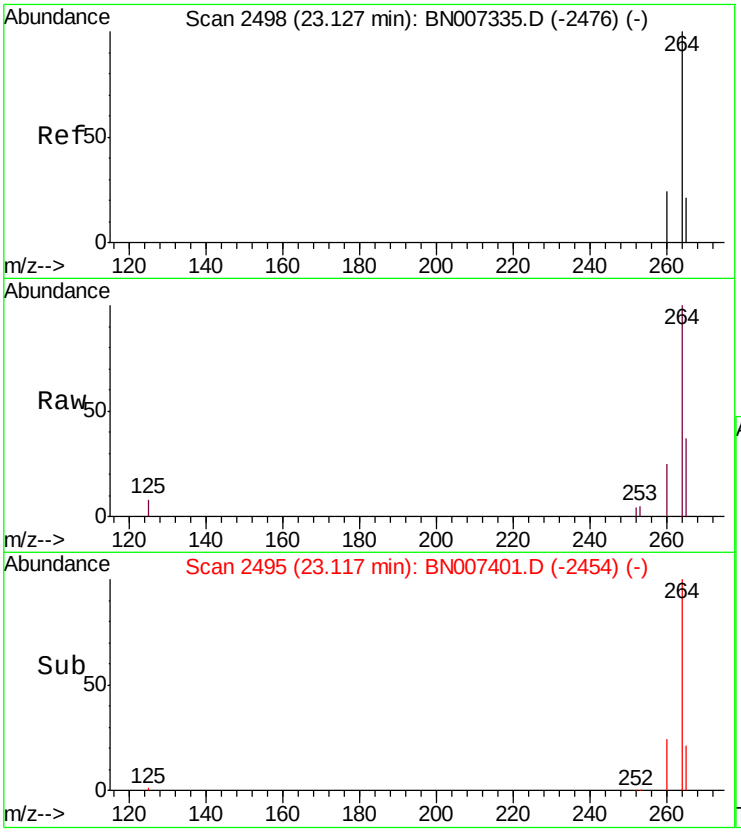


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:149 Resp: 6359

Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.8	34.2
279	5.1	3.5	5.3



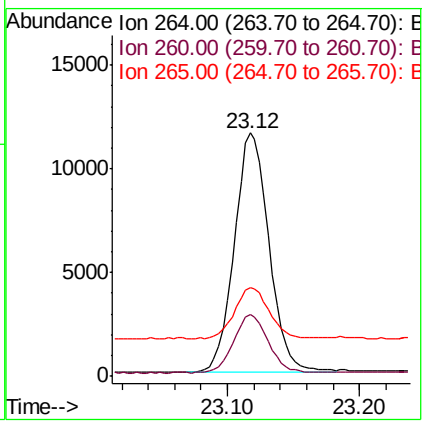


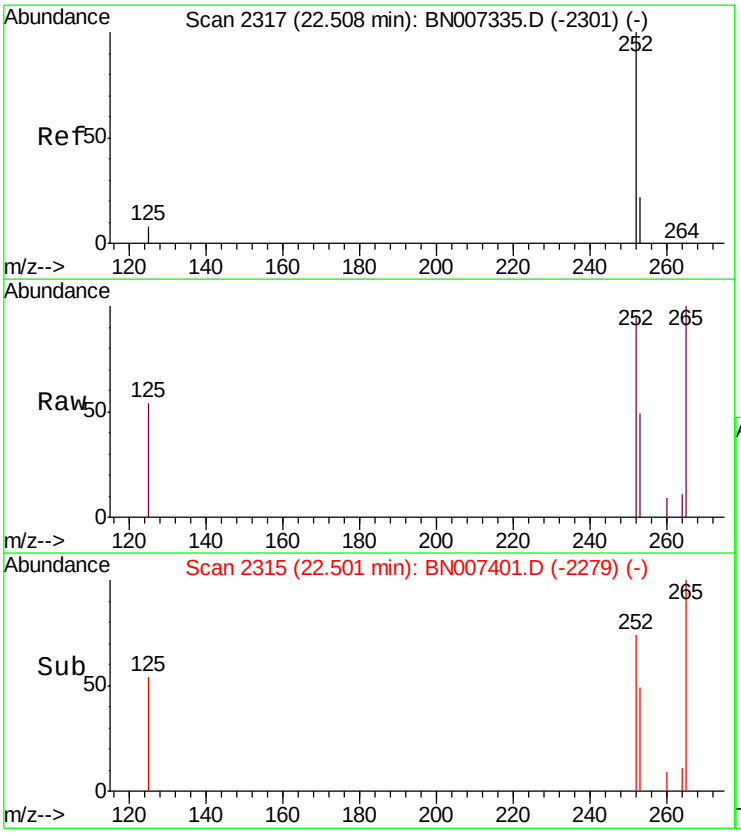
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:264 Resp: 21208

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	36.5	29.9	44.9

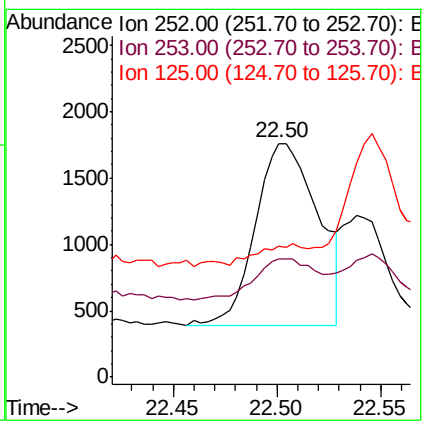


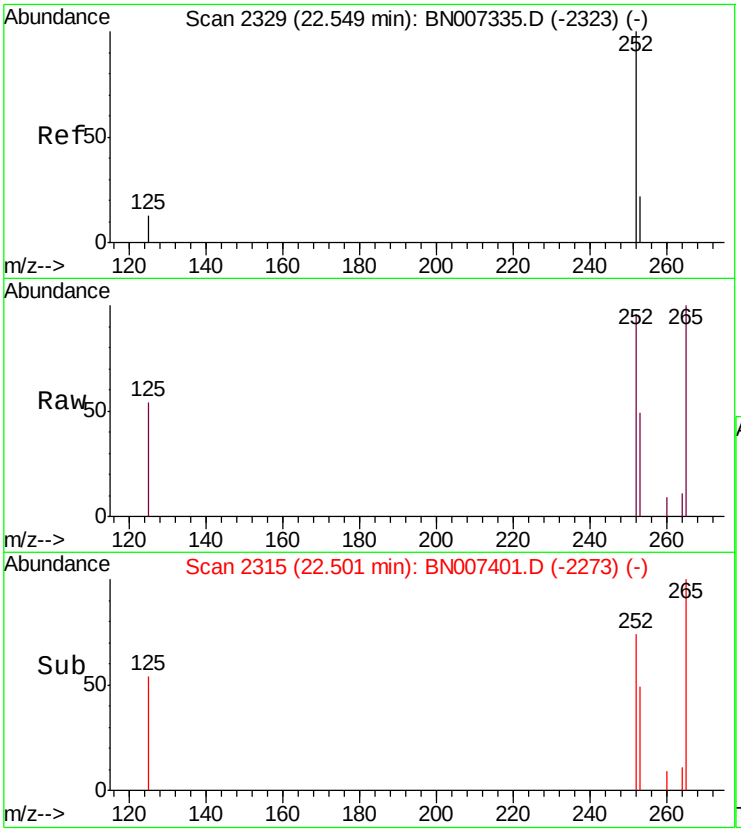


#35
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:252 Resp: 2896

Ion	Ratio	Lower	Upper
252	100		
253	50.7	19.2	28.8#
125	56.0	10.6	16.0#



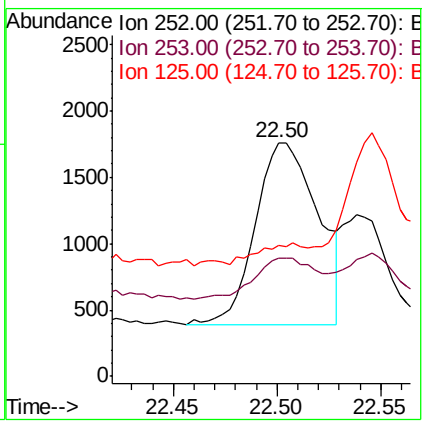


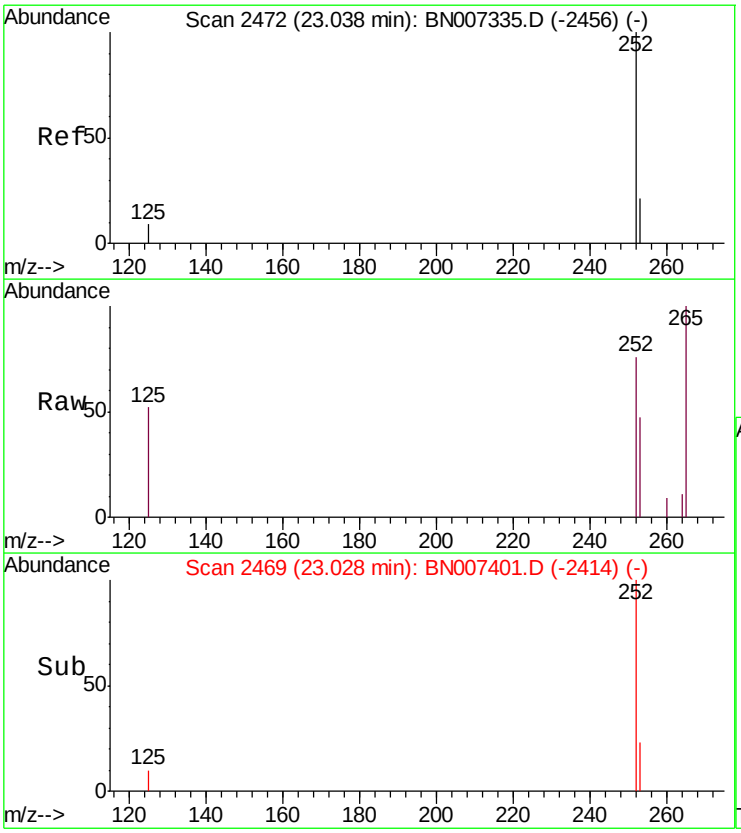
#36
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.05 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:252 Resp: 2896

Ion	Ratio	Lower	Upper
252	100		
253	50.7	19.4	29.2#
125	56.0	13.1	19.7#

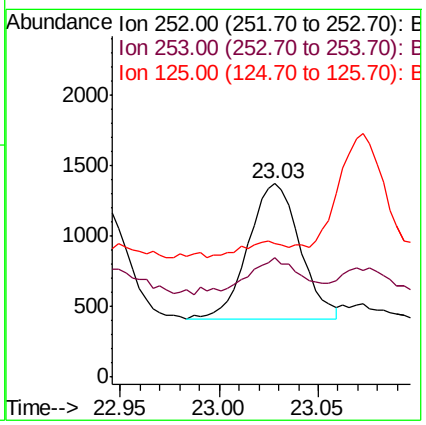


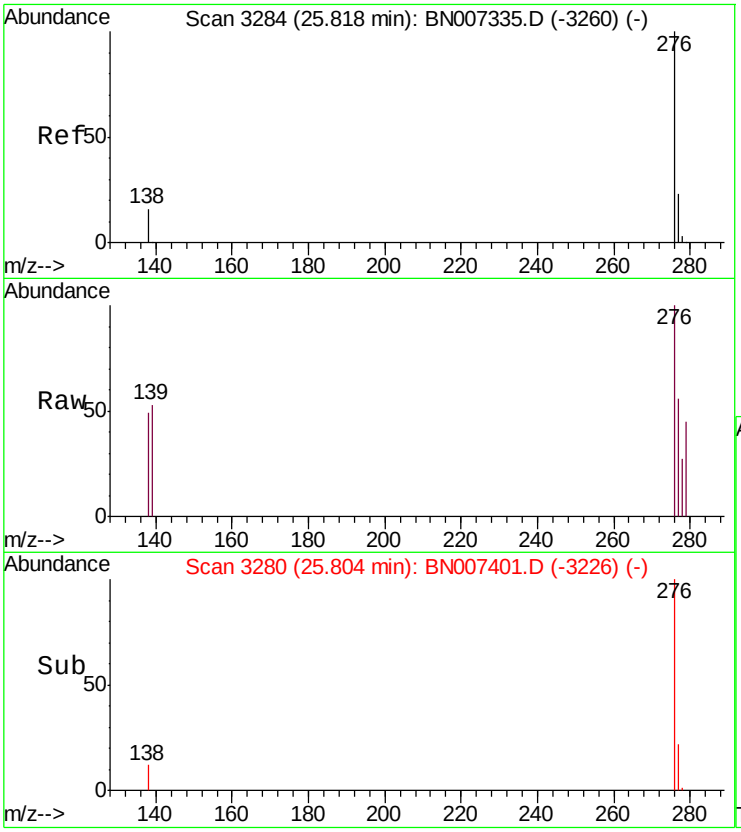


#37
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.03 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:252 Resp: 1757

Ion	Ratio	Lower	Upper
252	100		
253	61.5	19.5	29.3#
125	69.1	12.1	18.1#





#39
Benzo(g,h,i)perylene
Concen: 0.020 ng
RT: 25.80 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tgt Ion:276 Resp: 1476

Ion	Ratio	Lower	Upper
276	100		
277	55.5	19.6	29.4#
138	49.2	16.3	24.5#