Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
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 06:33:37 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
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

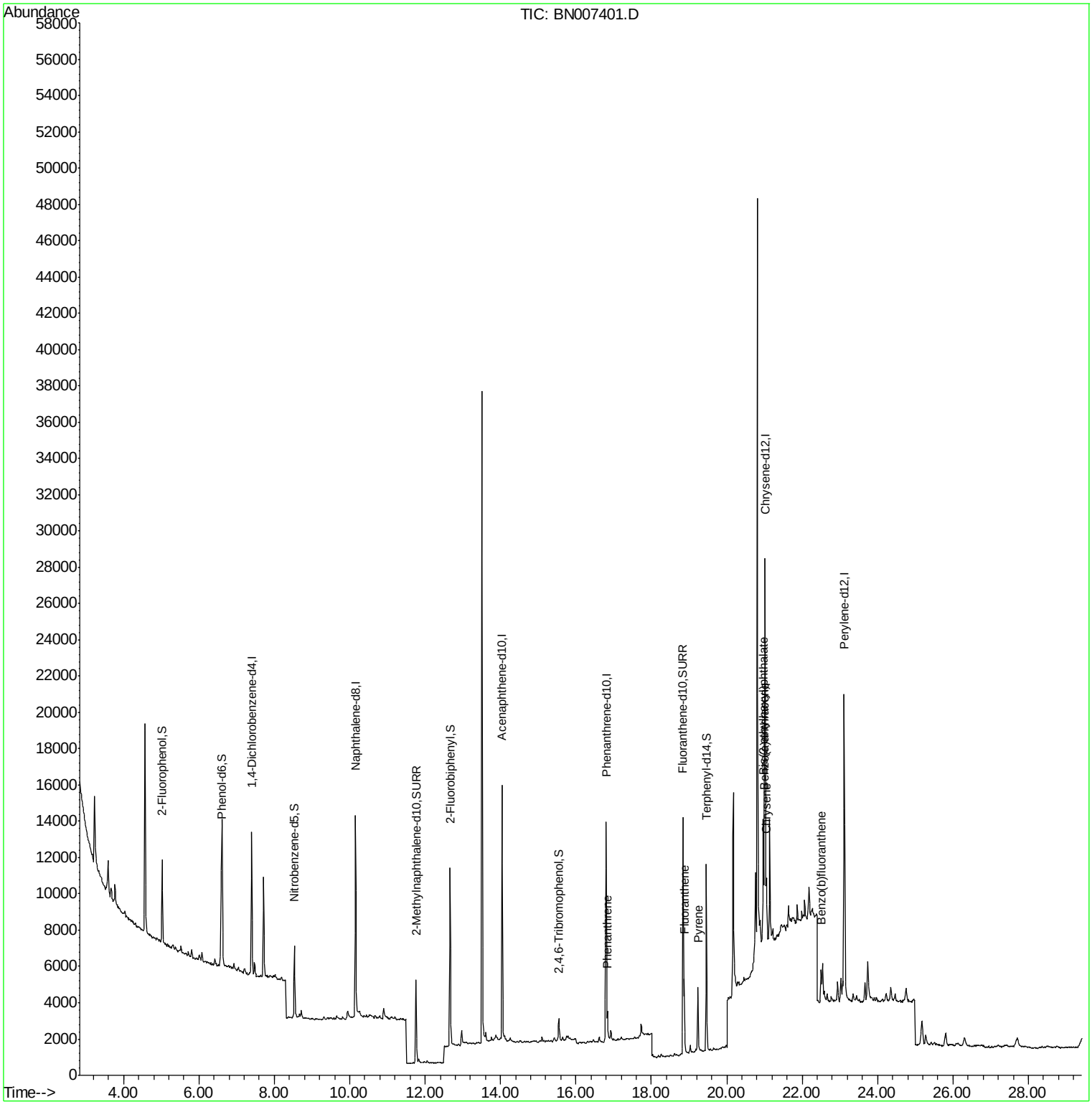
(#) = qualifier out of range (m) = manual integration (+) = signals summed

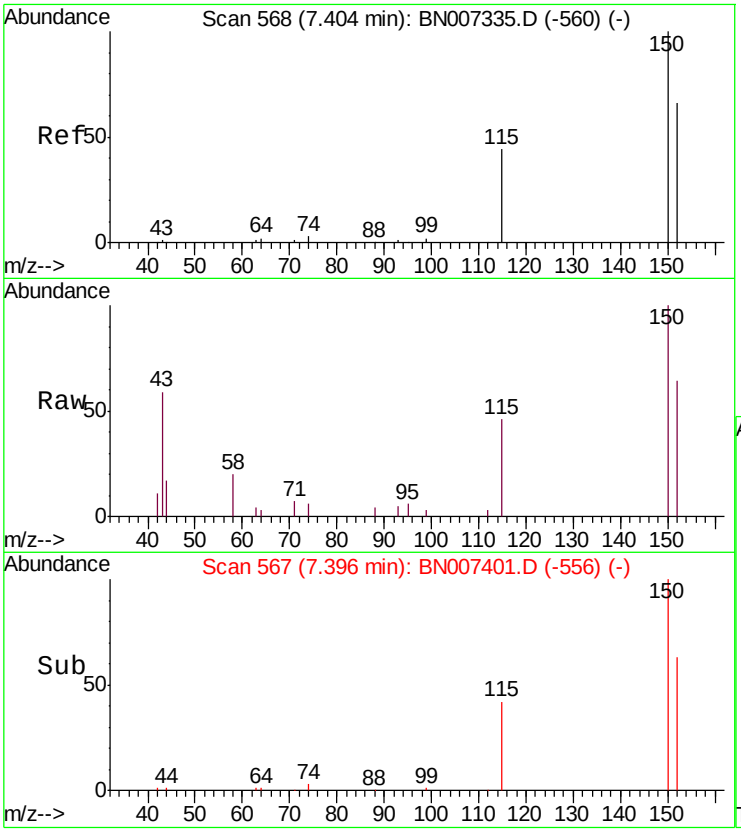
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
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 06:33:37 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



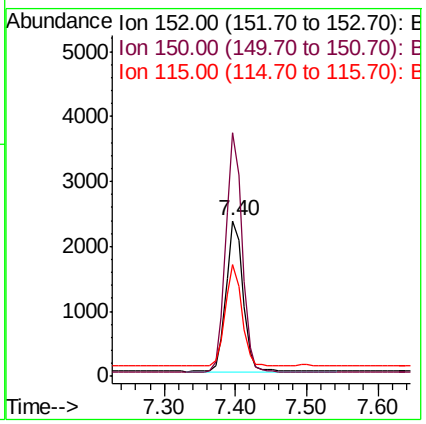


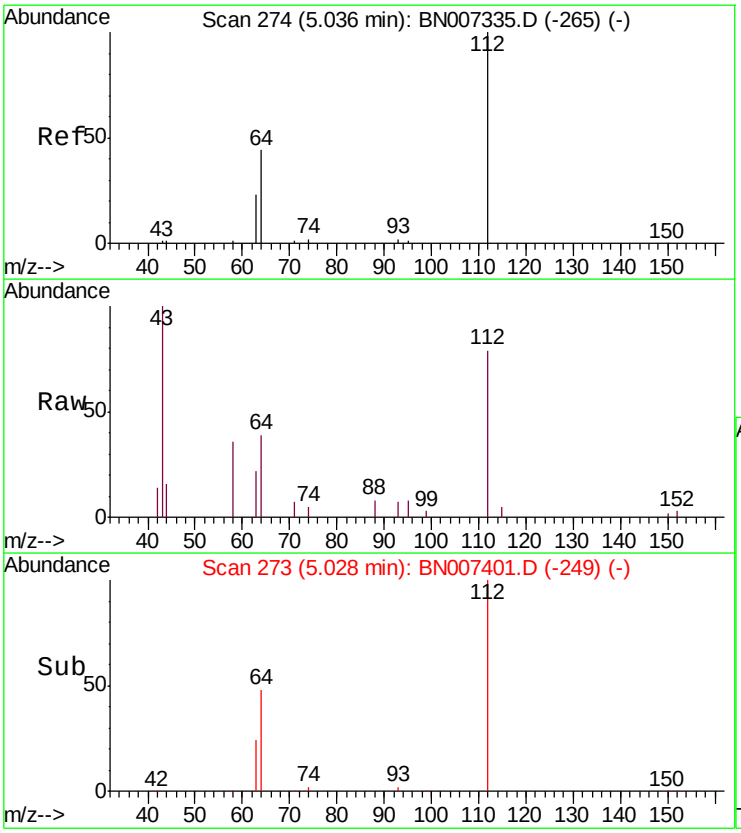
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

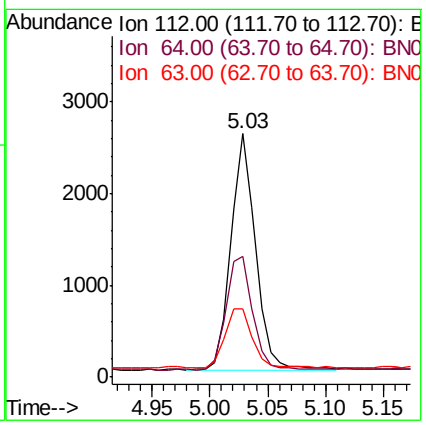


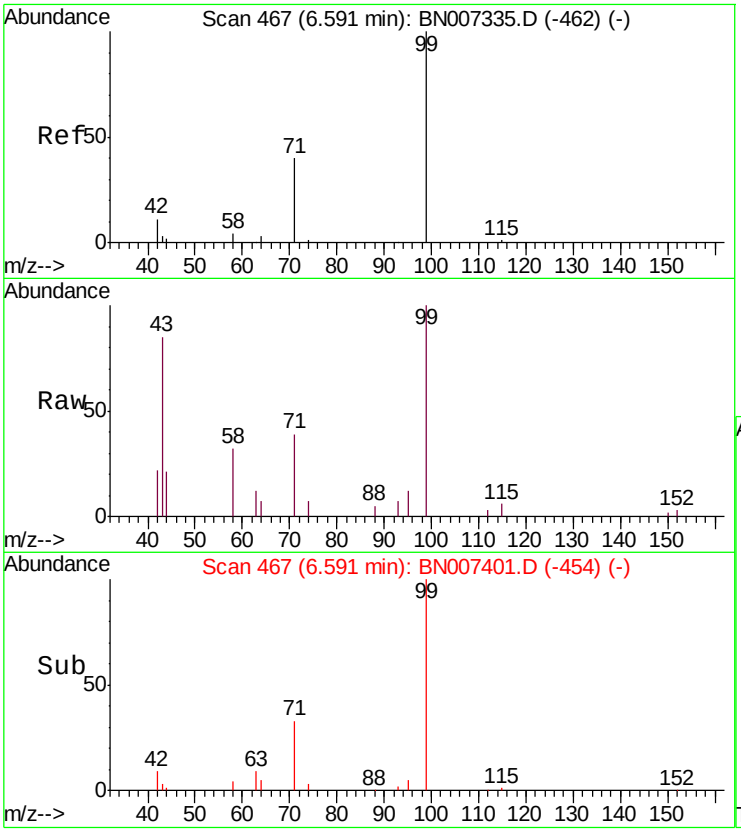


#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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



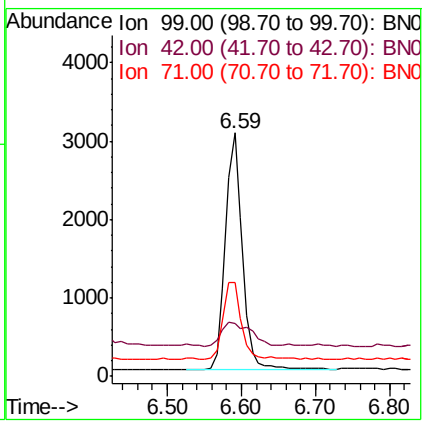


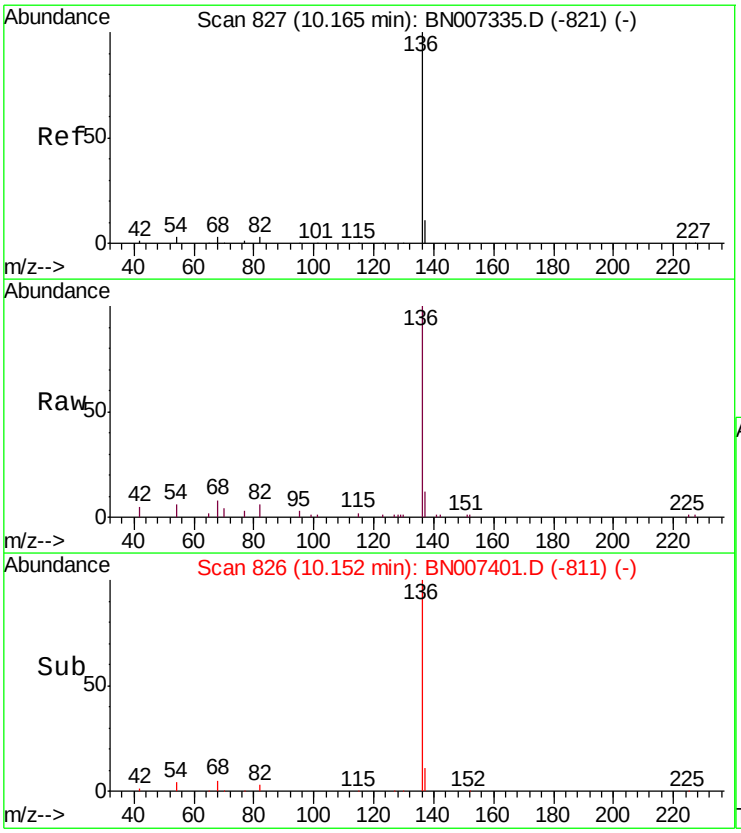
#5
Phenol-d6
Concen: 0.274 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

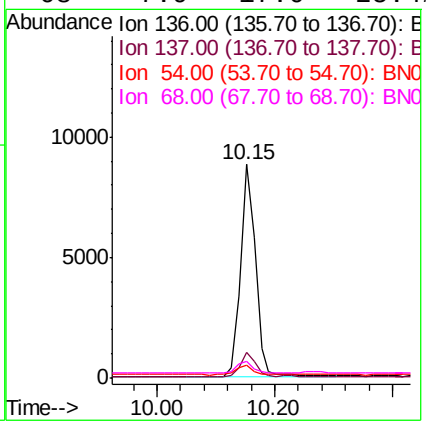


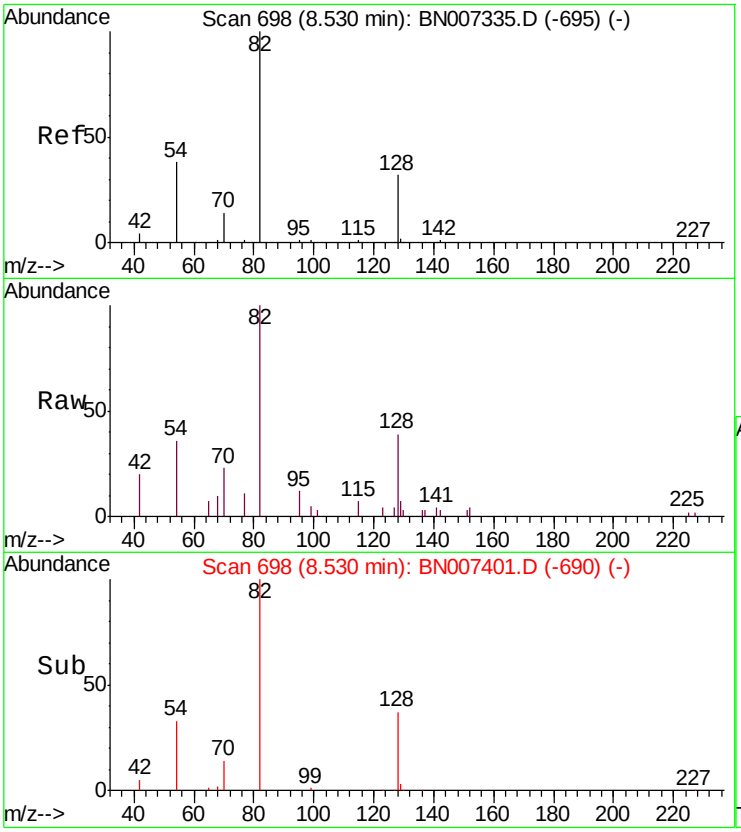


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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#



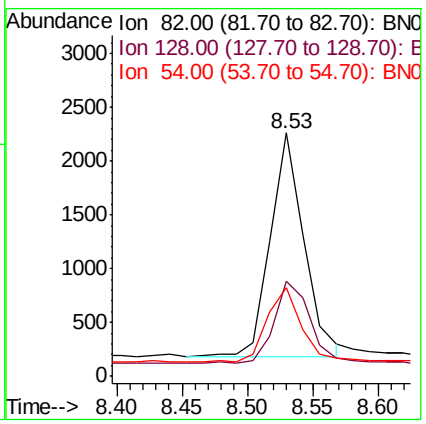


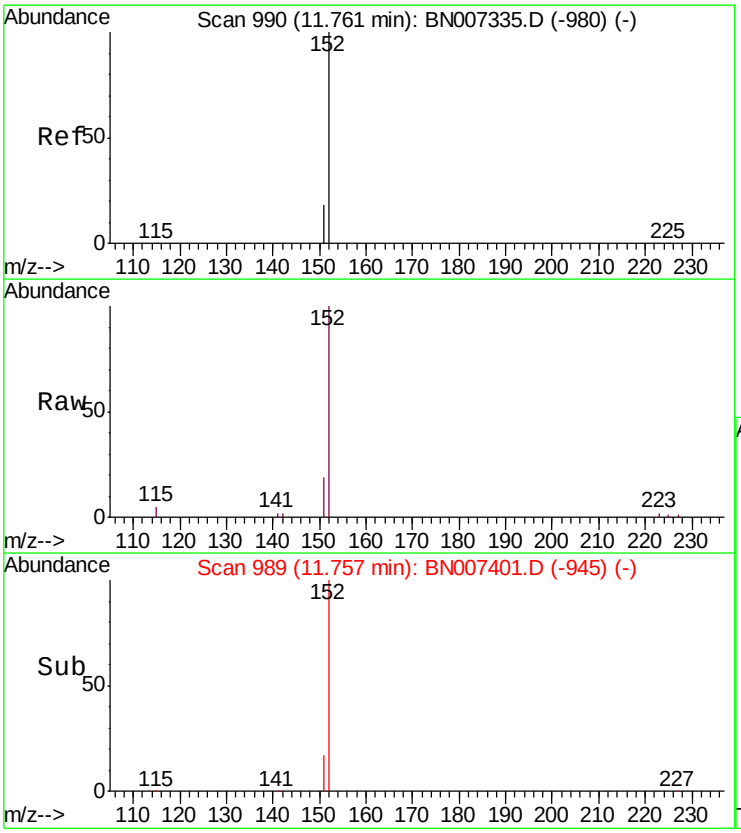
#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

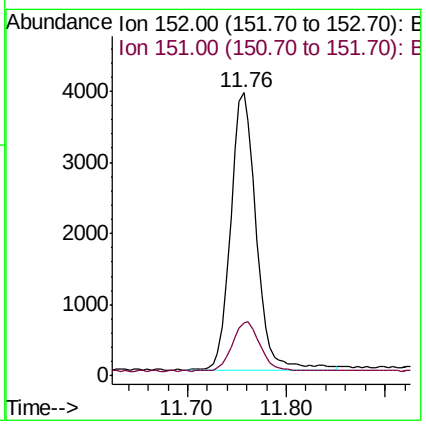


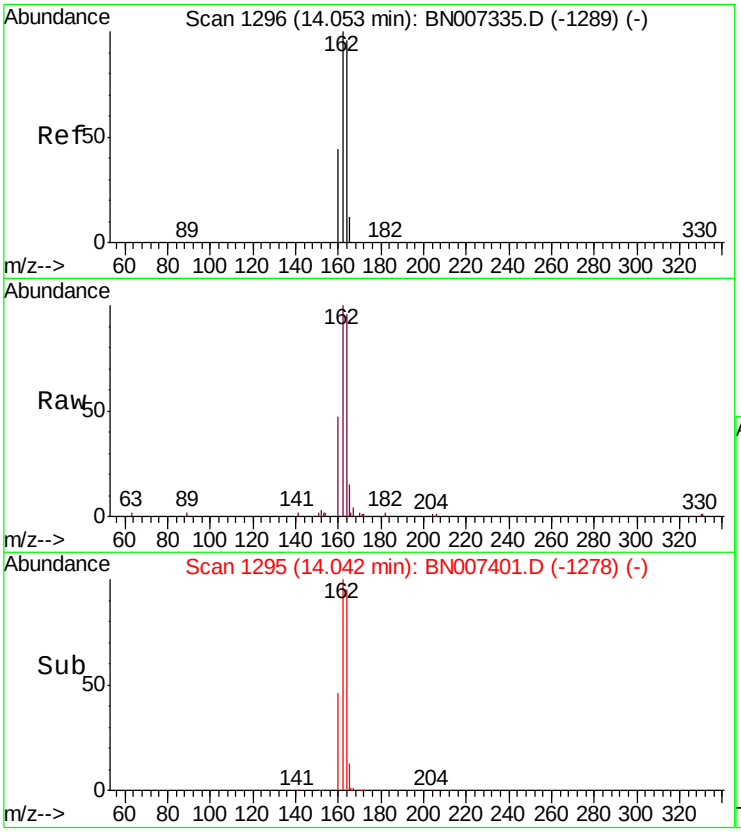


#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:152 Resp: 7001

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2



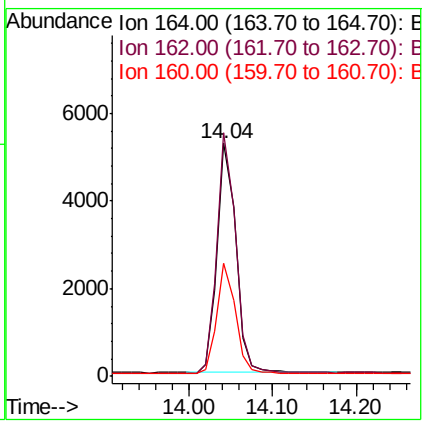


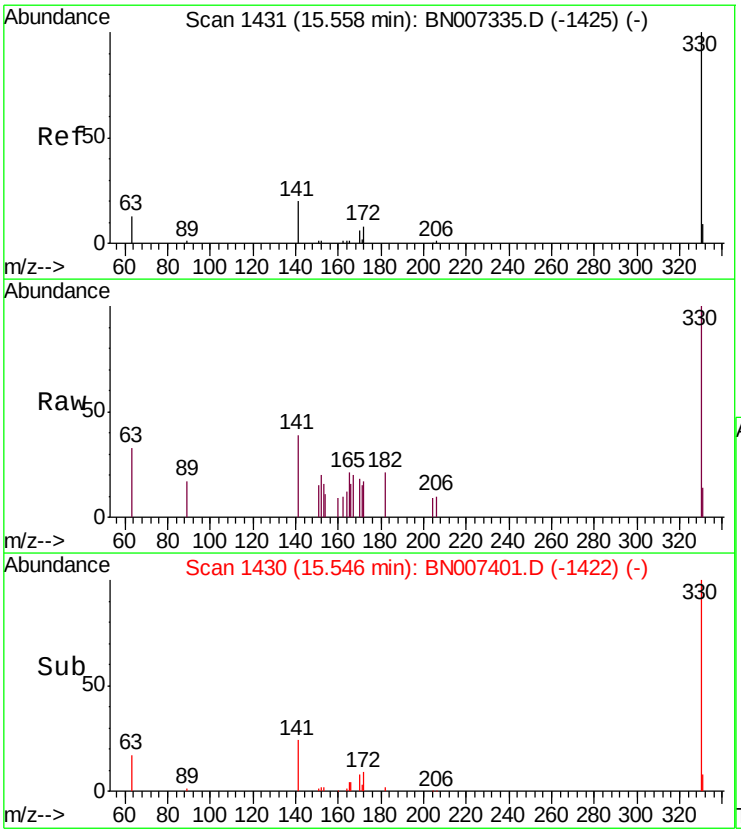
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

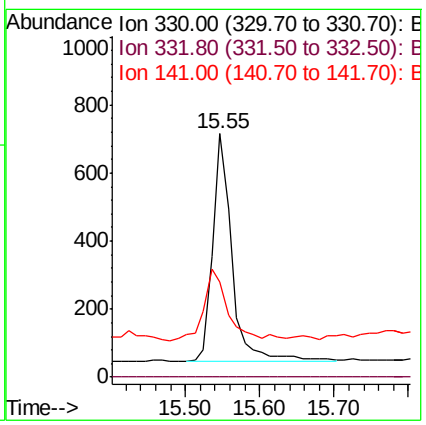


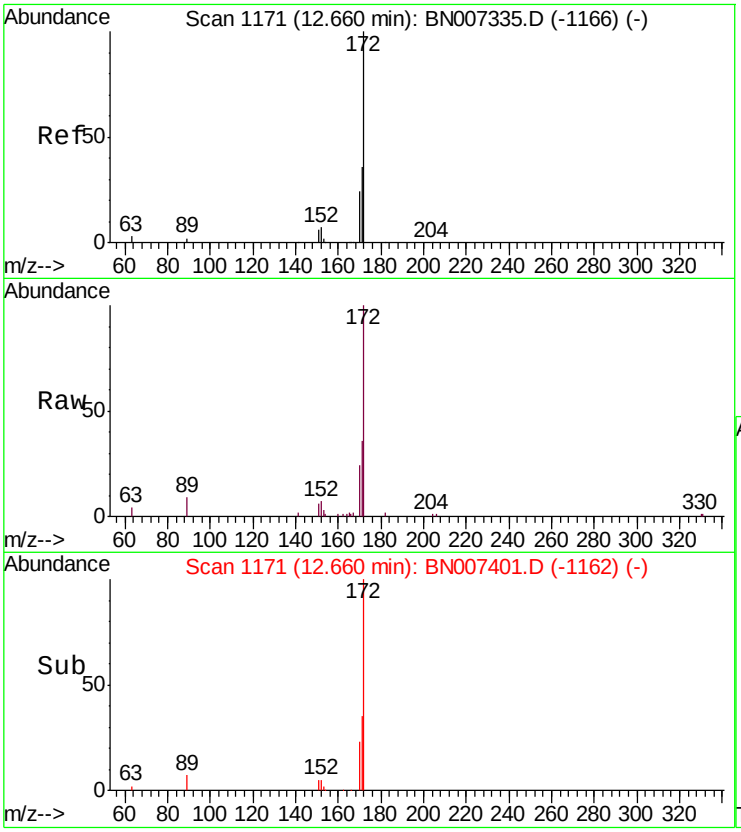


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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



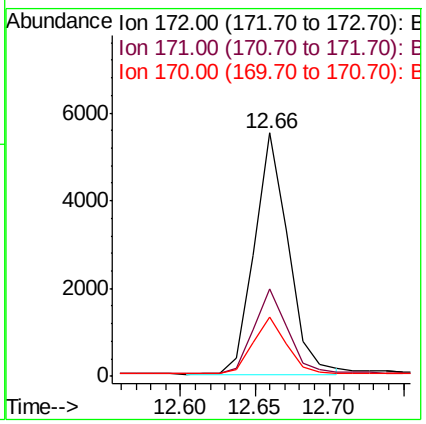


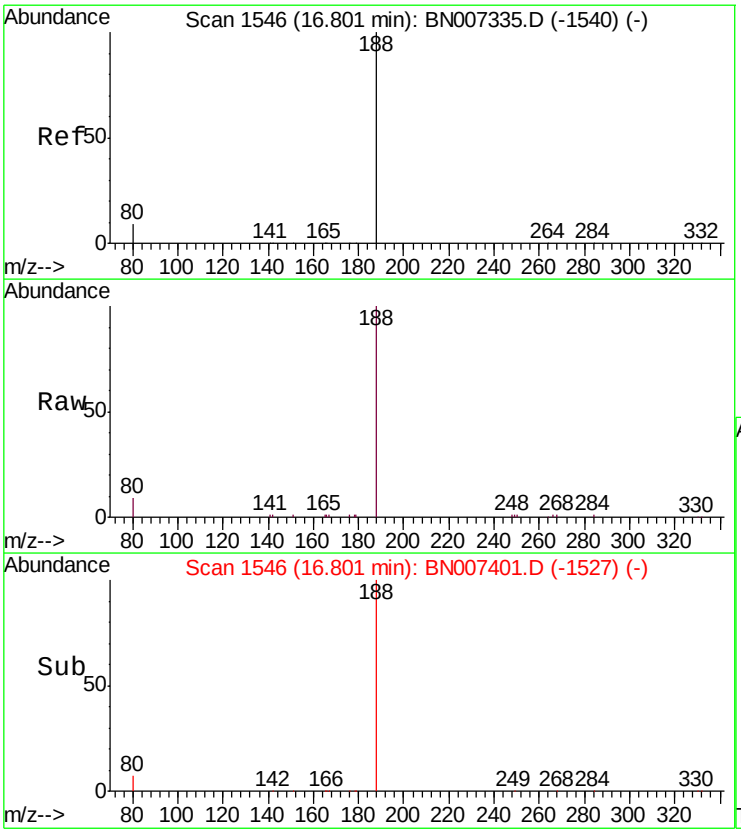
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

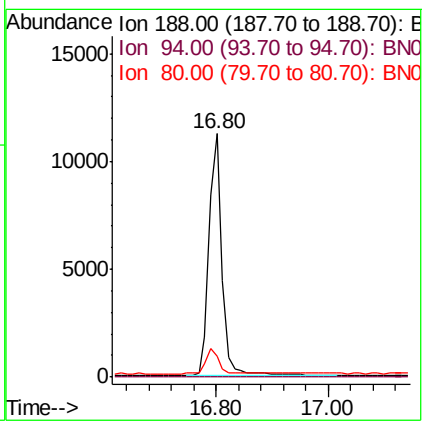


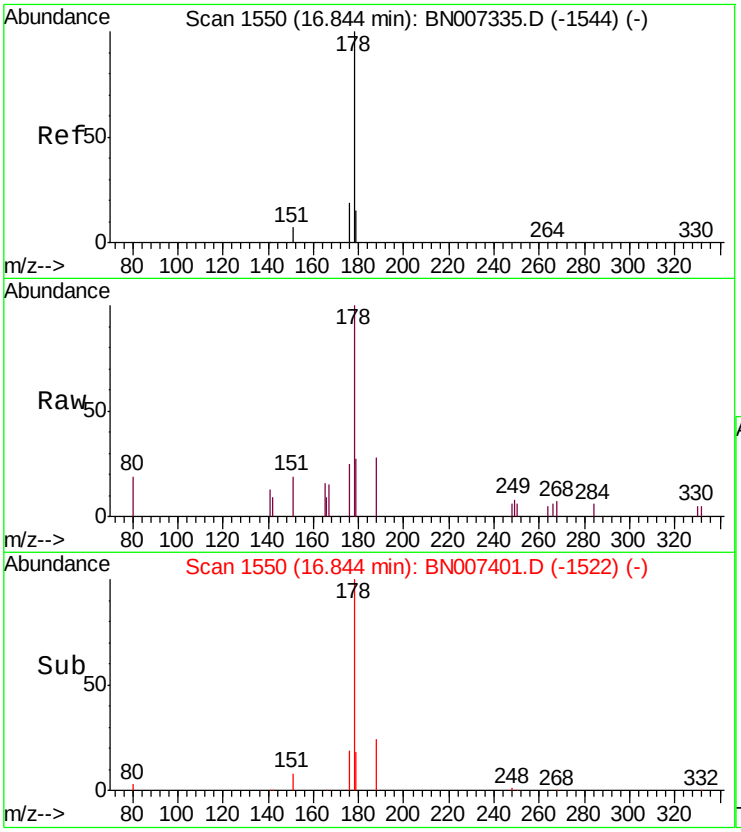


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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#



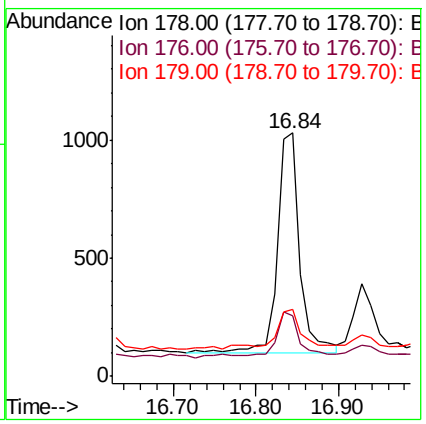


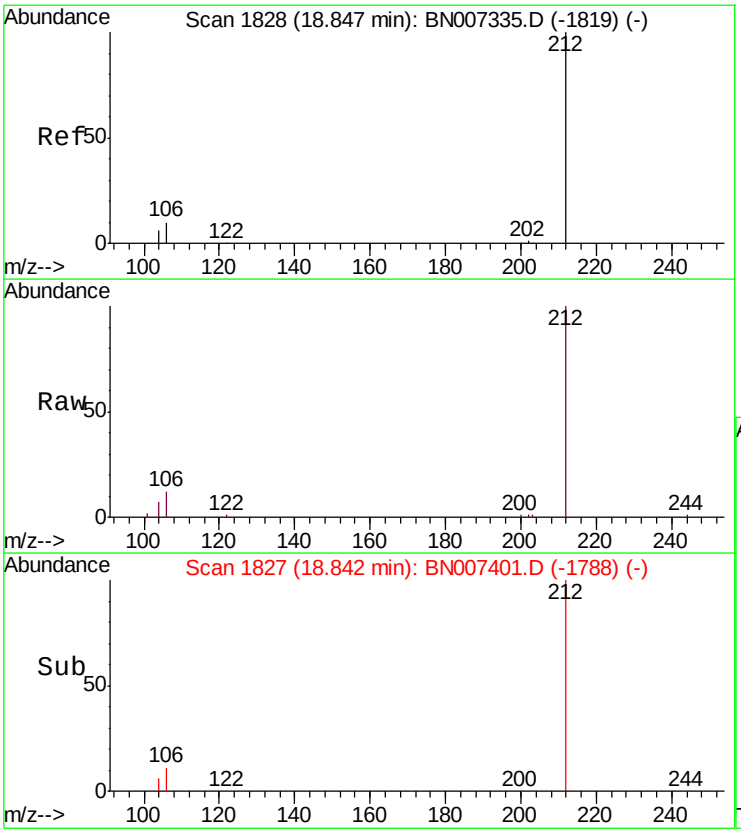
#23
Phenanthrene
Concen: 0.032 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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

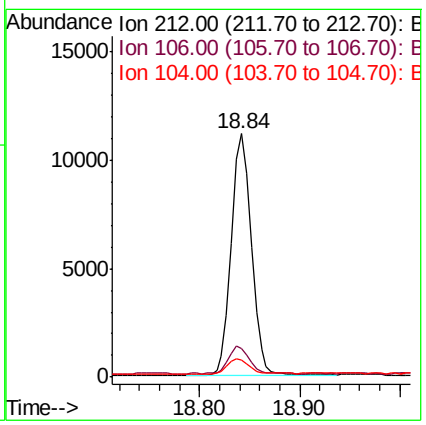


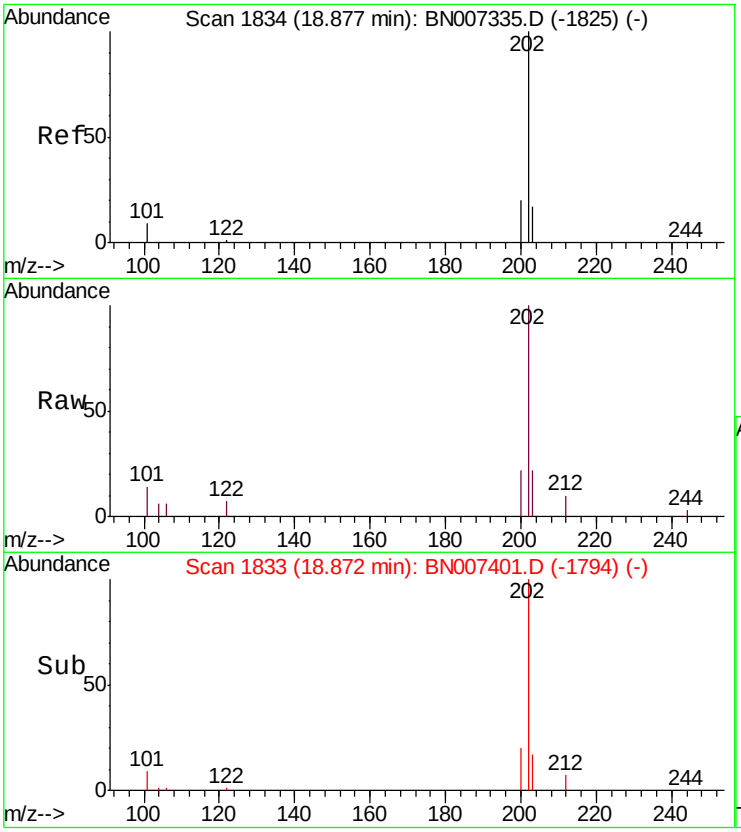


#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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



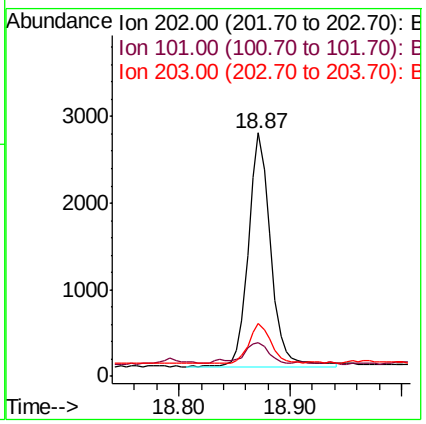


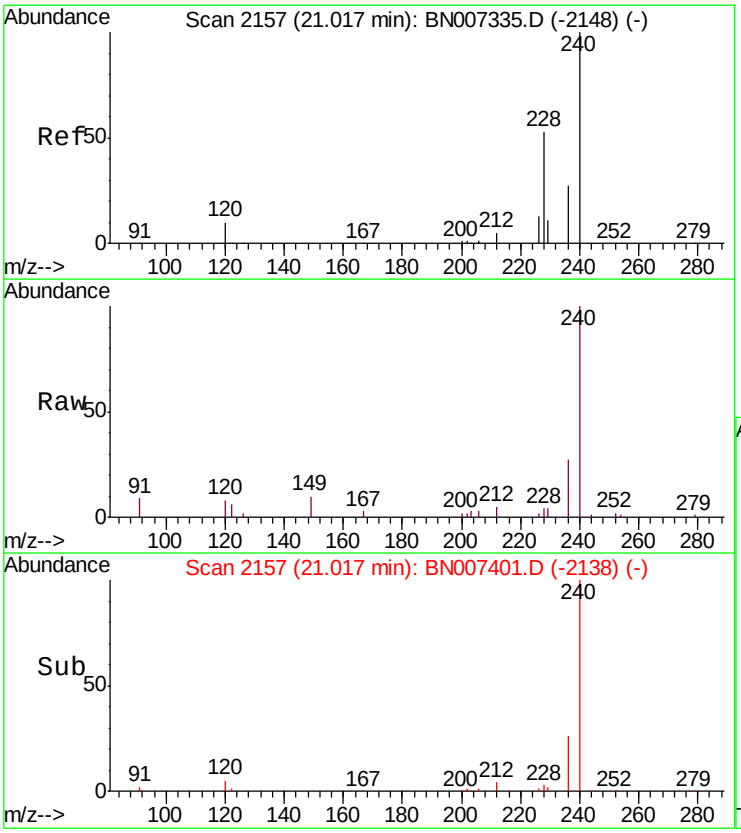
#26
Fluoranthene
Concen: 0.054 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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

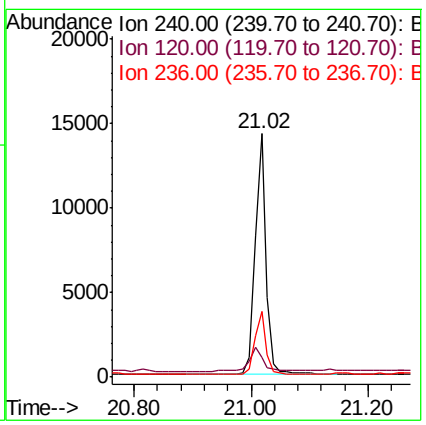


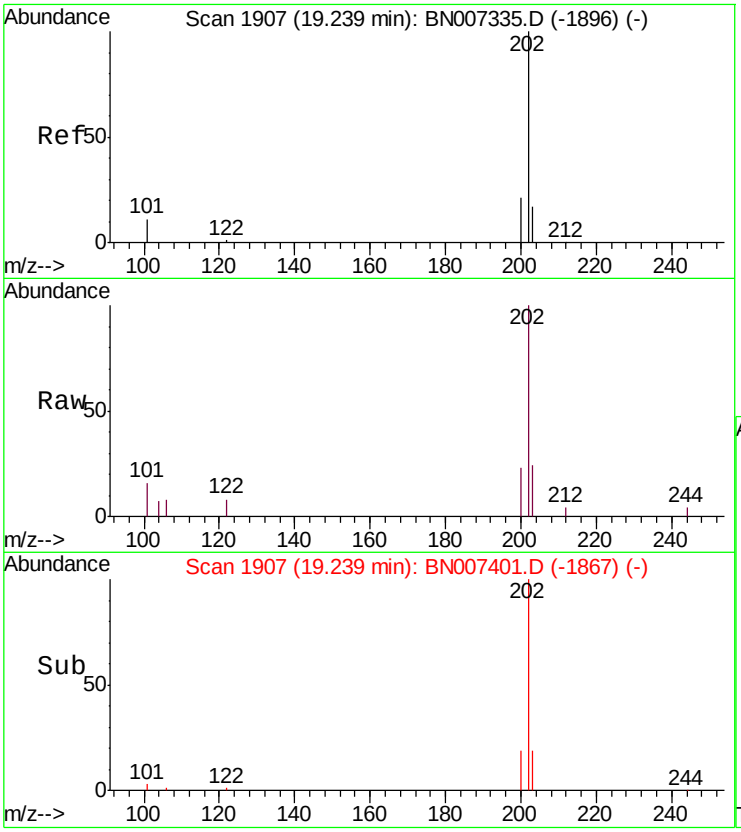


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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



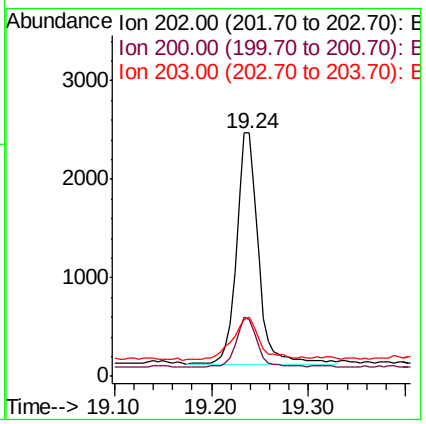


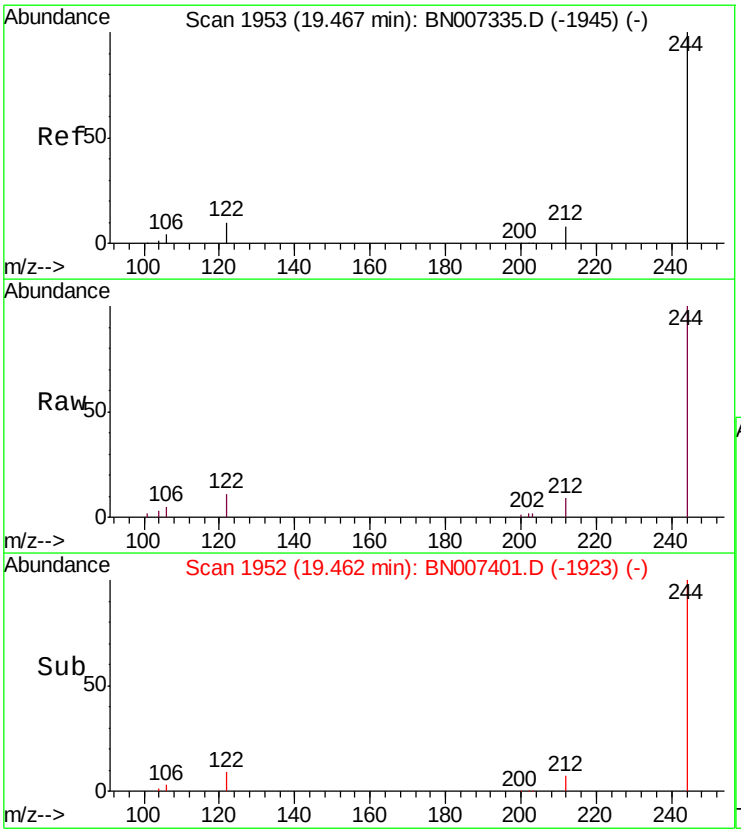
#28
Pyrene
Concen: 0.048 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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#

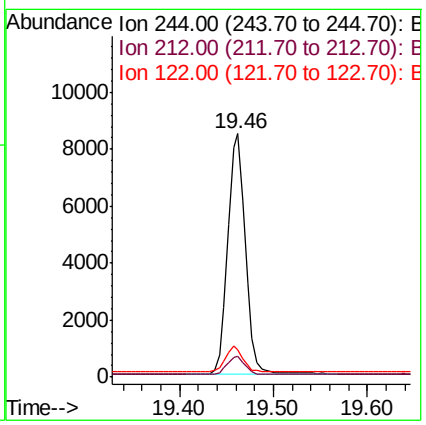


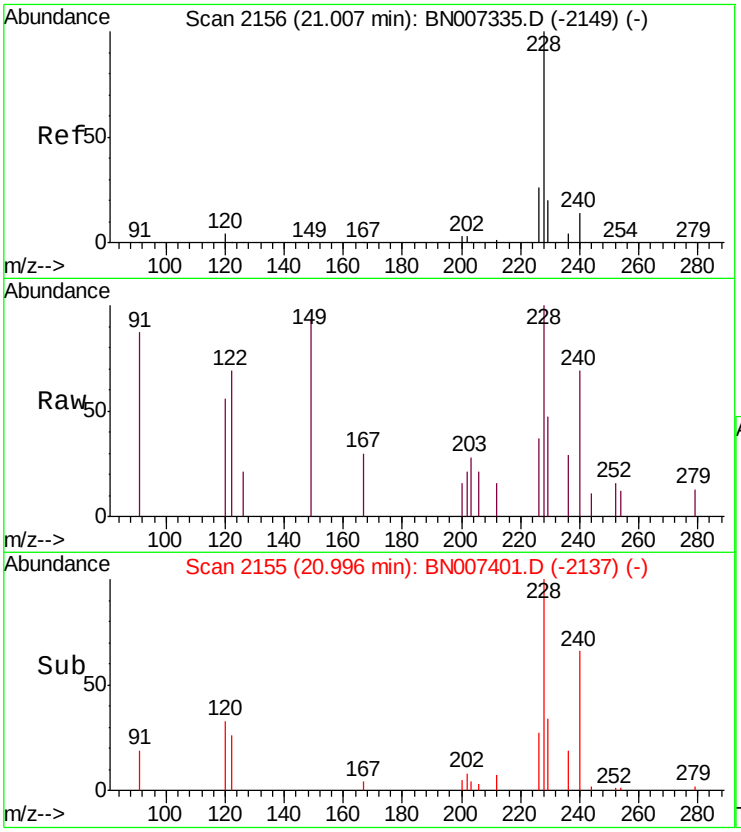


#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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



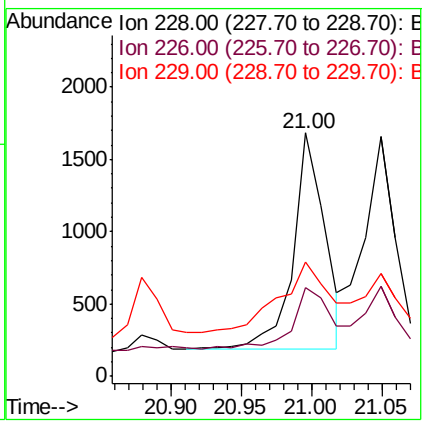


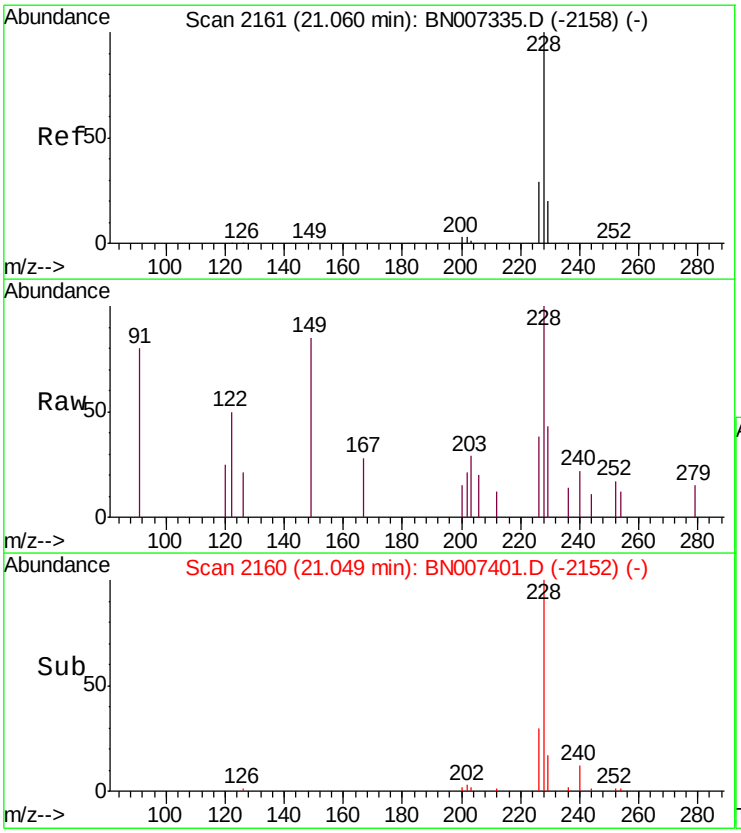
#30
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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#

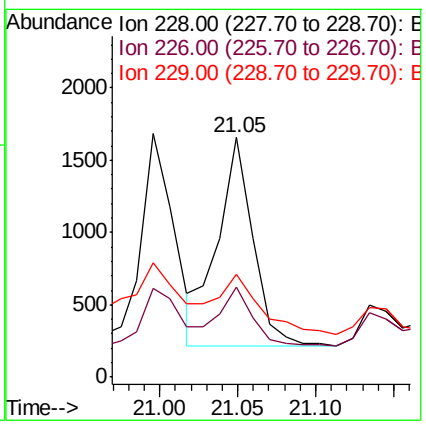


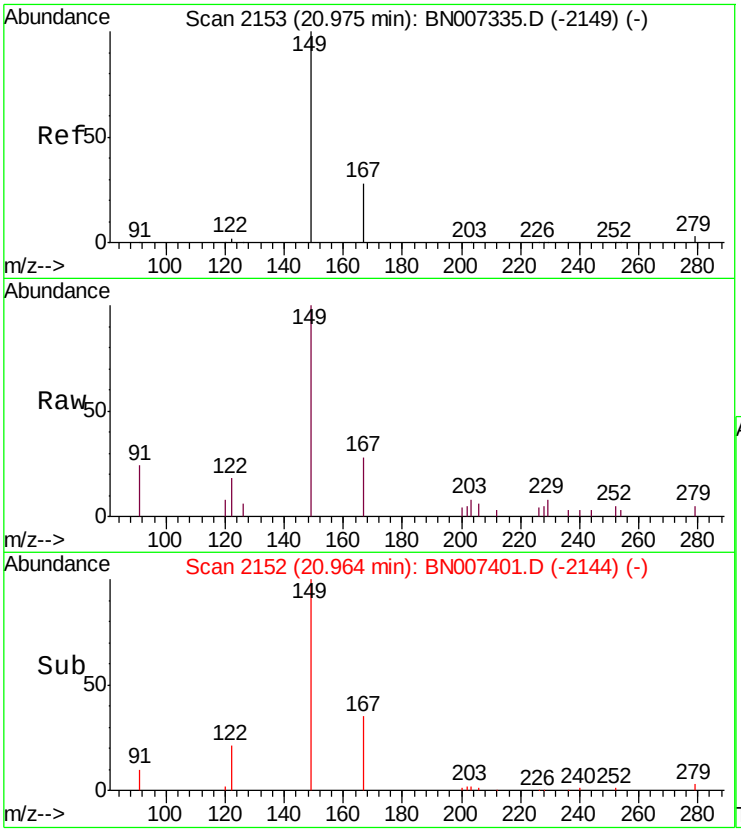


#31
Chrysene
Concen: 0.032 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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#



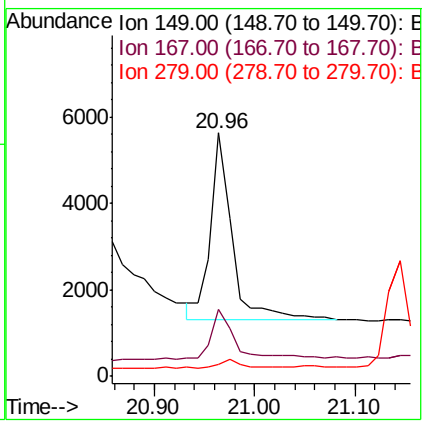


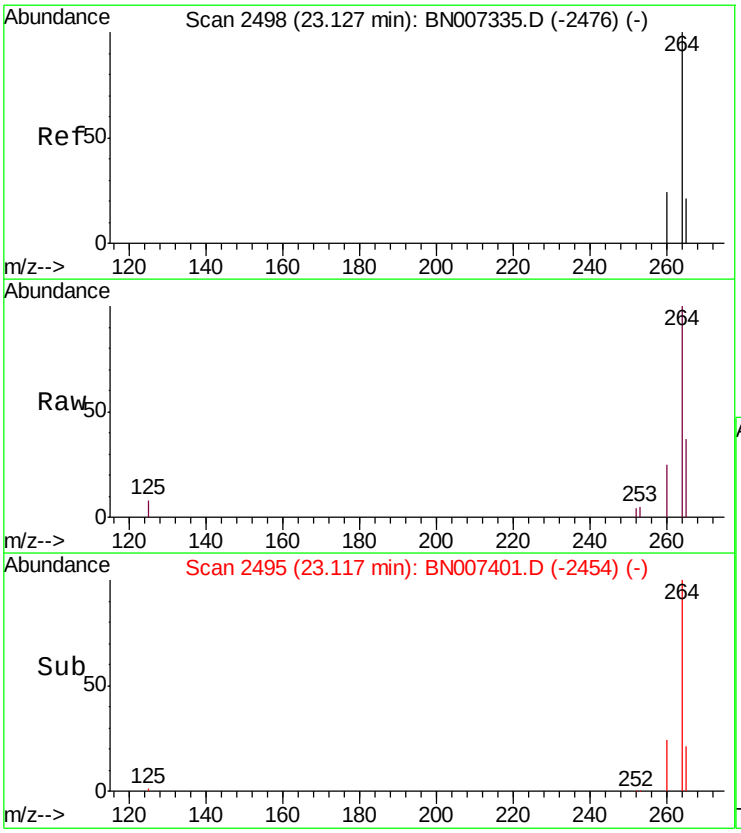
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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

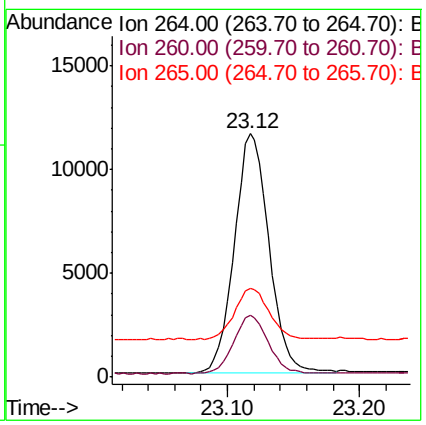


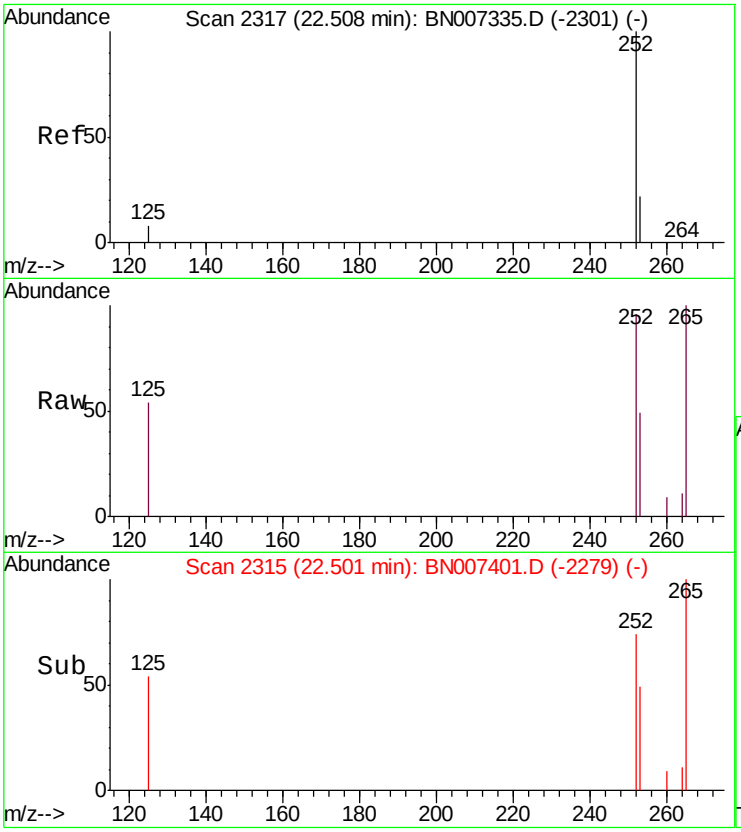


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

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

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	19.2	28.8#
125	56.0	10.6	16.0#