Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004880.D
Acq On : 22 Mar 2019 08:55
Operator : JU/SJ
Sample : K2013-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-B122-031819

Quant Time: Mar 22 22:21:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2157	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	10037	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	6344	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	16023	0.40	ng		0.00
27) Chrysene-d12	21.29	240	20746	0.40	ng		0.00
34) Perylene-d12	23.54	264	22675	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2703	0.46	ng		0.00
5) Phenol-d6	6.87	99	3747	0.51	ng		0.00
8) Nitrobenzene-d5	8.86	82	2457	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.08	152	6459	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2738	0.62	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	10226	0.39	ng		-0.01
25) Fluoranthene-d10	19.13	212	17978	0.34	ng		0.00
29) Terphenyl-d14	19.72	244	19310	0.45	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.07	152	2700	0.083	ng		99
23) Phenanthrene	17.13	178	13868	0.268	ng		99
24) Anthracene	17.23	178	1860	0.040	ng		99
26) Fluoranthene	19.16	202	21454	0.323	ng		98
28) Pyrene	19.52	202	26671	0.422	ng		97
30) Benzo(a)anthracene	21.27	228	11060	0.163	ng		93
31) Chrysene	21.32	228	14963	0.209	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	4289	0.158	ng		99
33) Indeno(1,2,3-cd)pyrene	25.81	276	7995	0.077	ng		98
35) Benzo(b)fluoranthene	22.87	252	15705	0.191	ng	#	81
36) Benzo(k)fluoranthene	22.87	252	15705	0.195	ng	#	82
37) Benzo(a)pyrene	23.45	252	12004	0.160	ng	#	91
38) Dibenzo(a,h)anthracene	25.82	278	2146	0.025	ng	#	40
39) Benzo(g,h,i)perylene	26.52	276	8648	0.097	ng	#	94

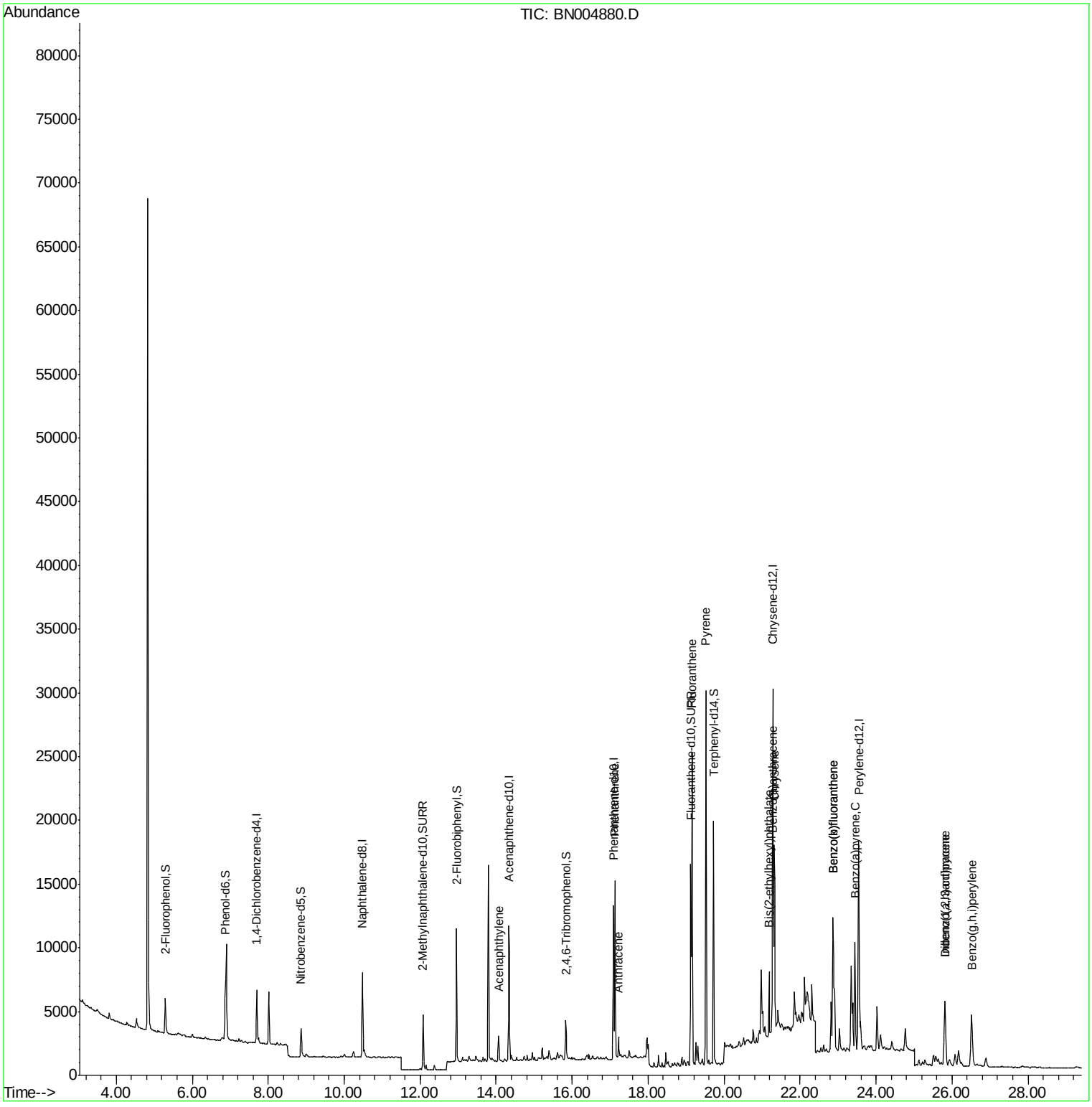
(#) = qualifier out of range (m) = manual integration (+) = signals summed

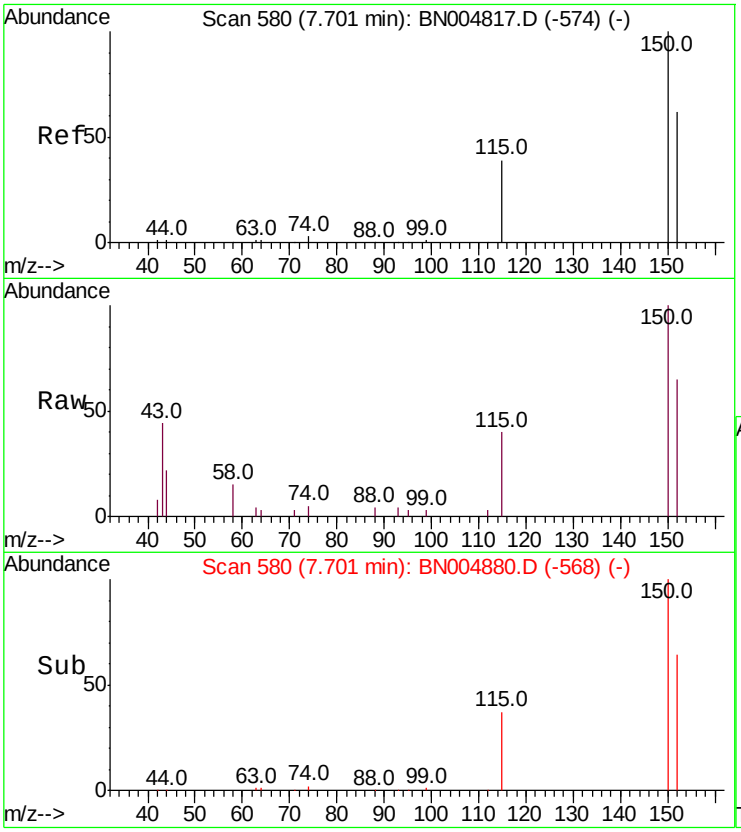
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004880.D
Acq On : 22 Mar 2019 08:55
Operator : JU/SJ
Sample : K2013-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Quant Time: Mar 22 22:21:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



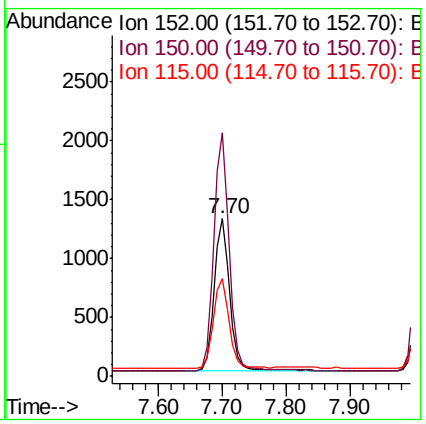


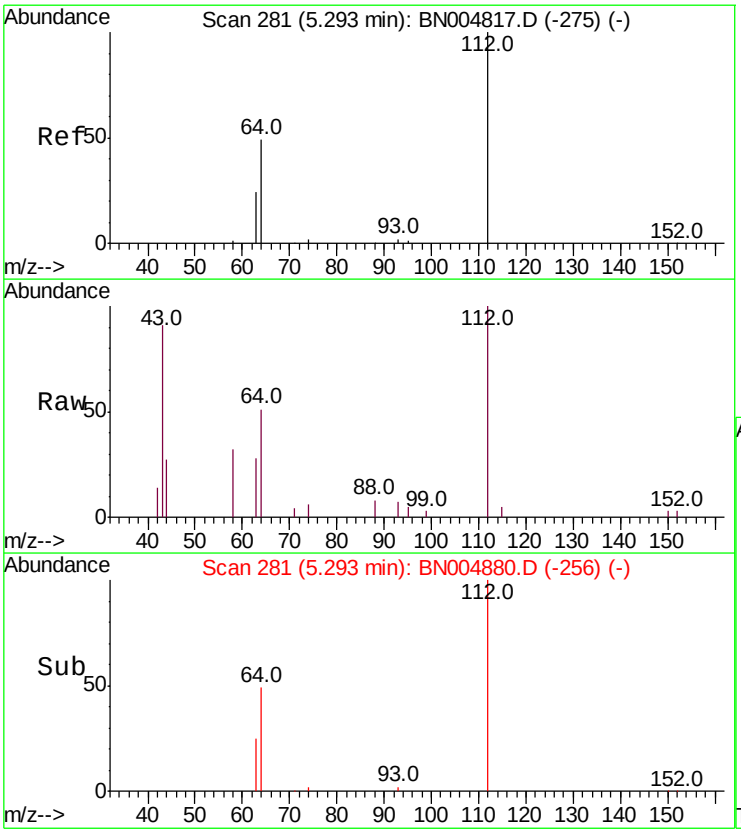
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:152 Resp: 2157

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.4
115	62.1	52.6	79.0

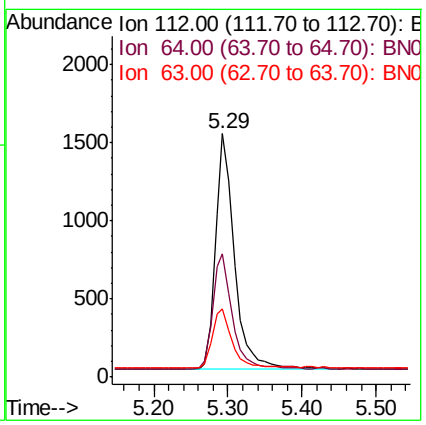


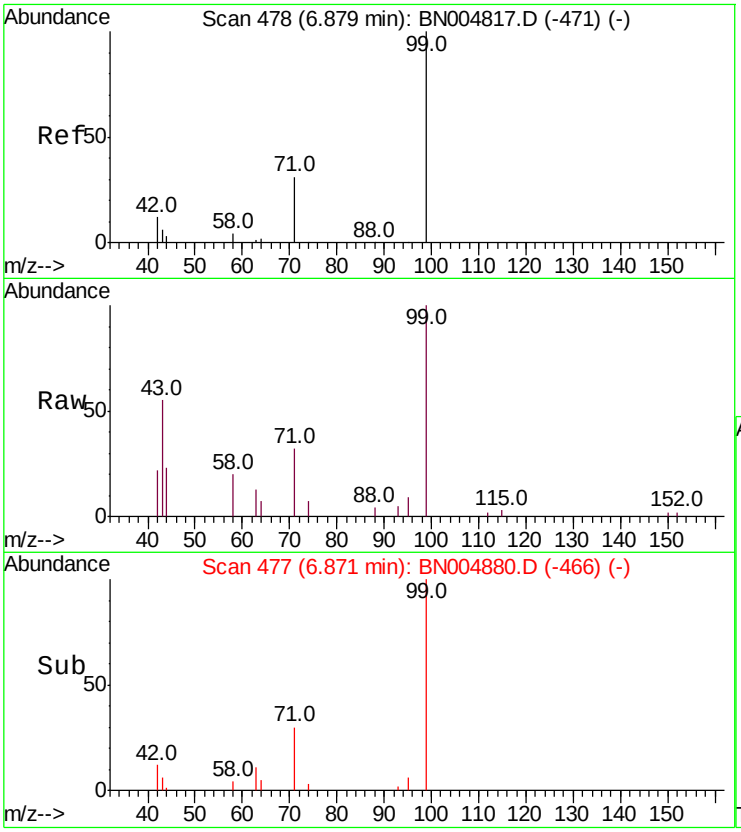


#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.29 min Scan# 281
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:112 Resp: 2703

Ion	Ratio	Lower	Upper
112	100		
64	49.8	40.0	60.0
63	25.7	20.2	30.2



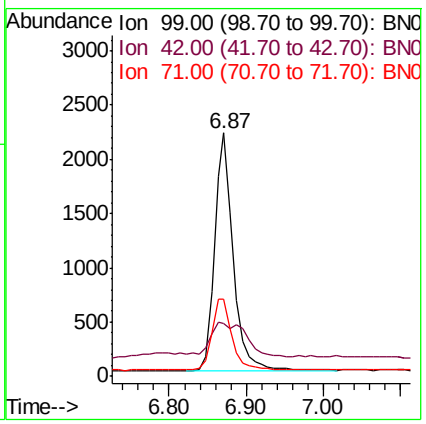


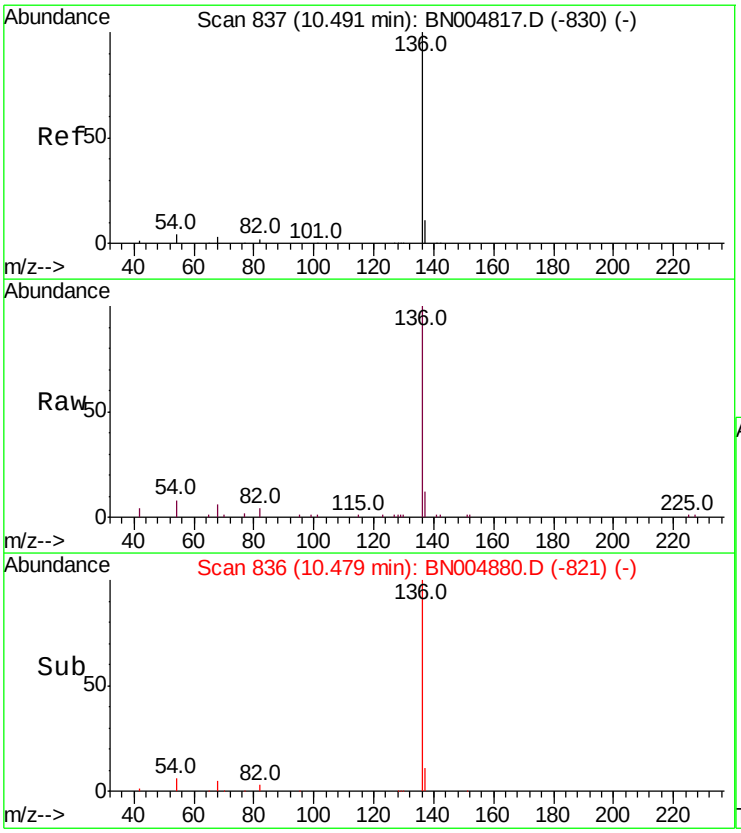
#5
Phenol-d6
Concen: 0.513 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion: 99 Resp: 3747

Ion	Ratio	Lower	Upper
99	100		
42	26.8	12.7	19.1#
71	31.5	26.6	40.0

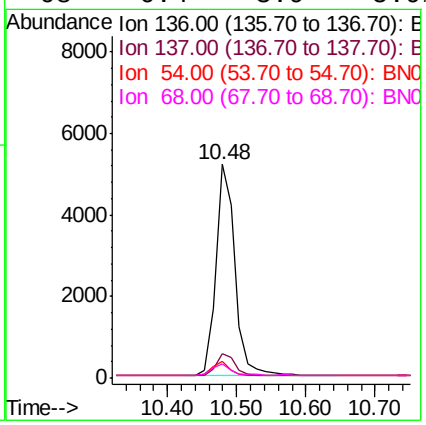


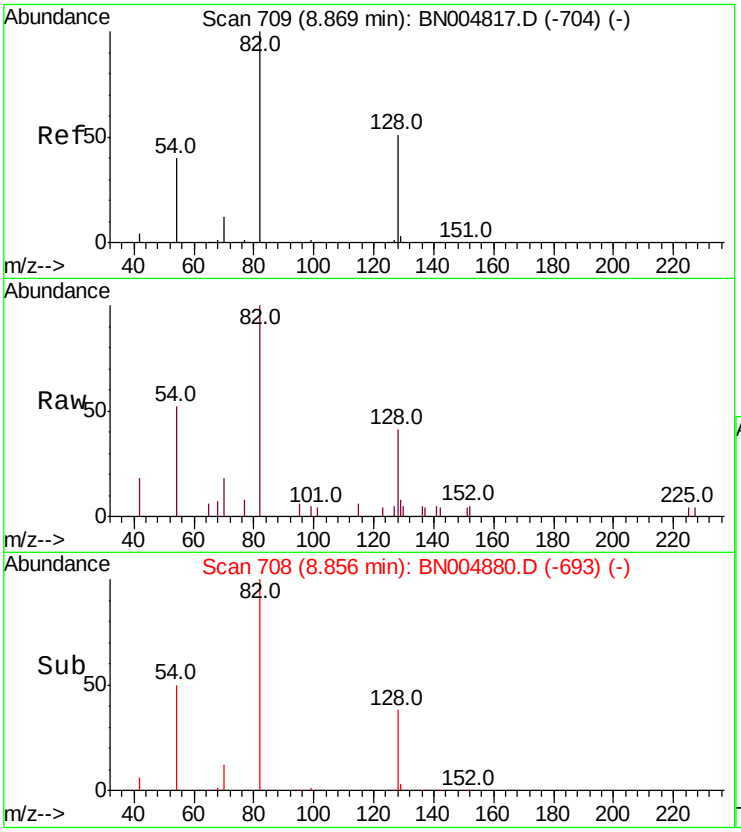


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:136 Resp: 10037

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.7	4.2	6.2#
68	6.4	3.9	5.9#



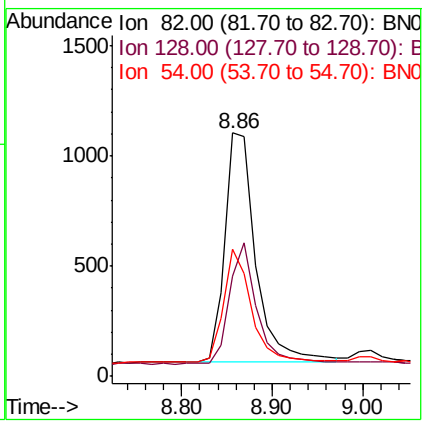


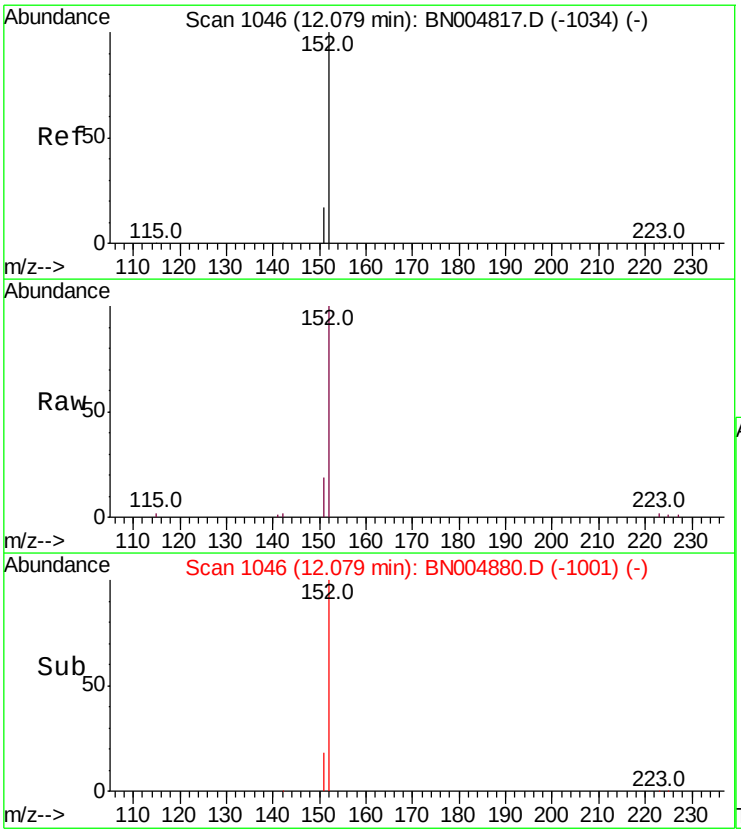
#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion: 82 Resp: 2457

Ion	Ratio	Lower	Upper
82	100		
128	41.1	43.0	64.6#
54	52.4	35.3	52.9

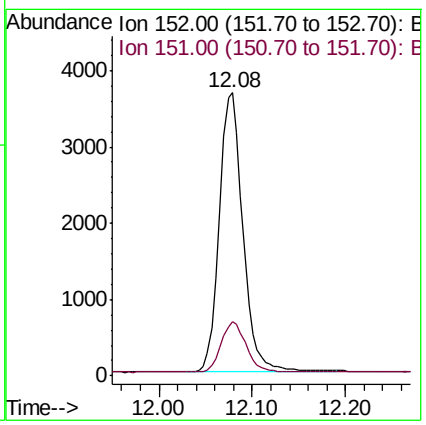


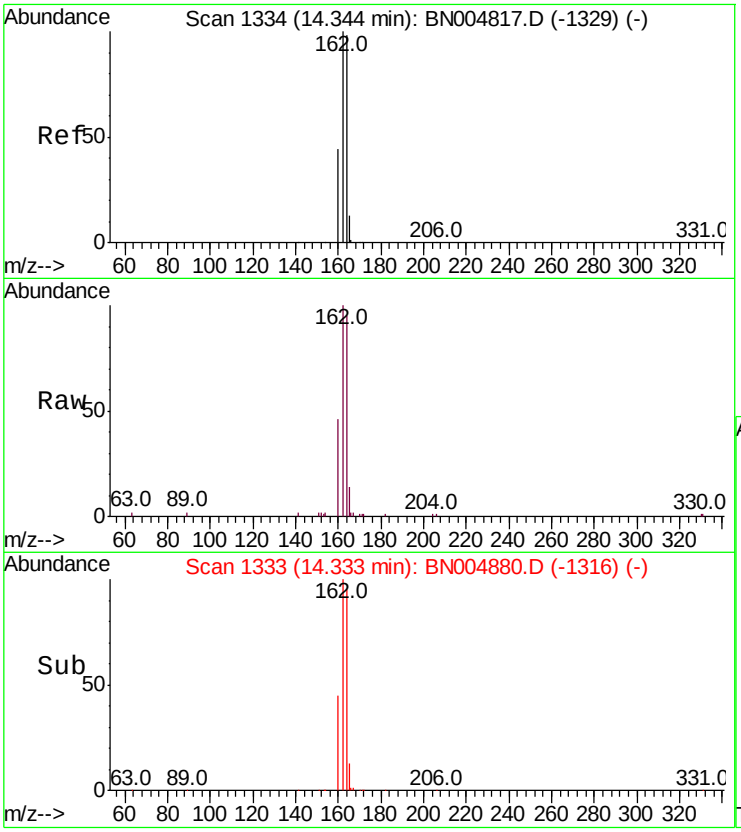


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.08 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:152 Resp: 6459

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



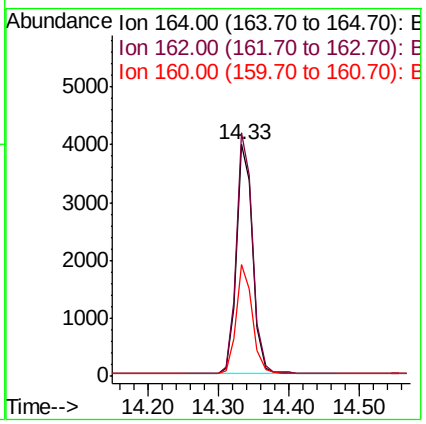


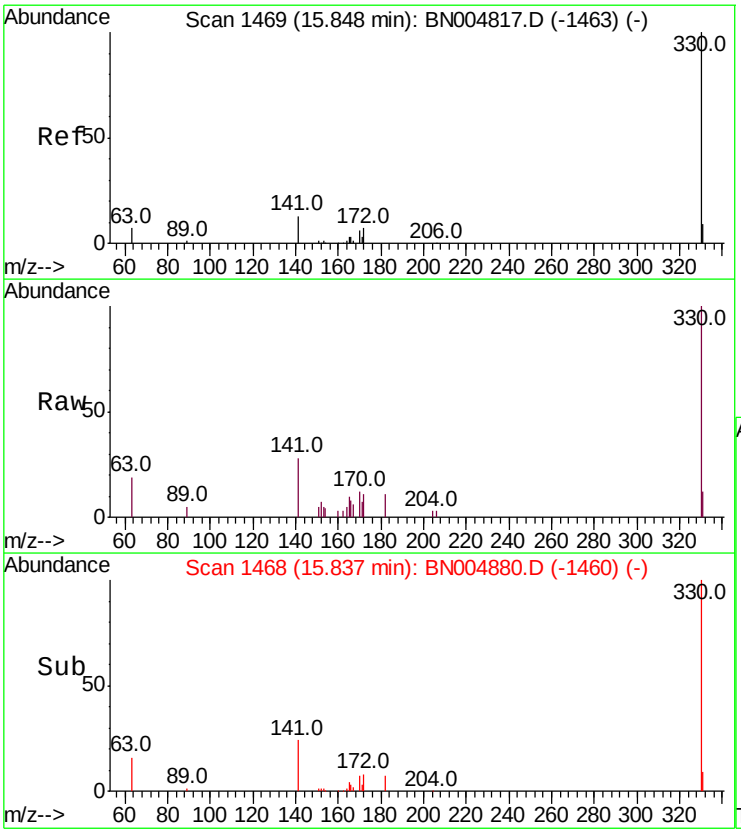
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:164 Resp: 6344

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.9	122.9
160	48.2	36.6	54.8

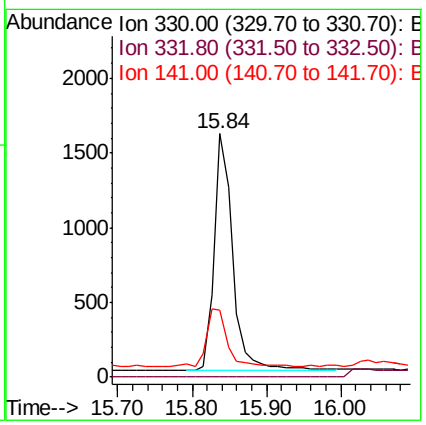


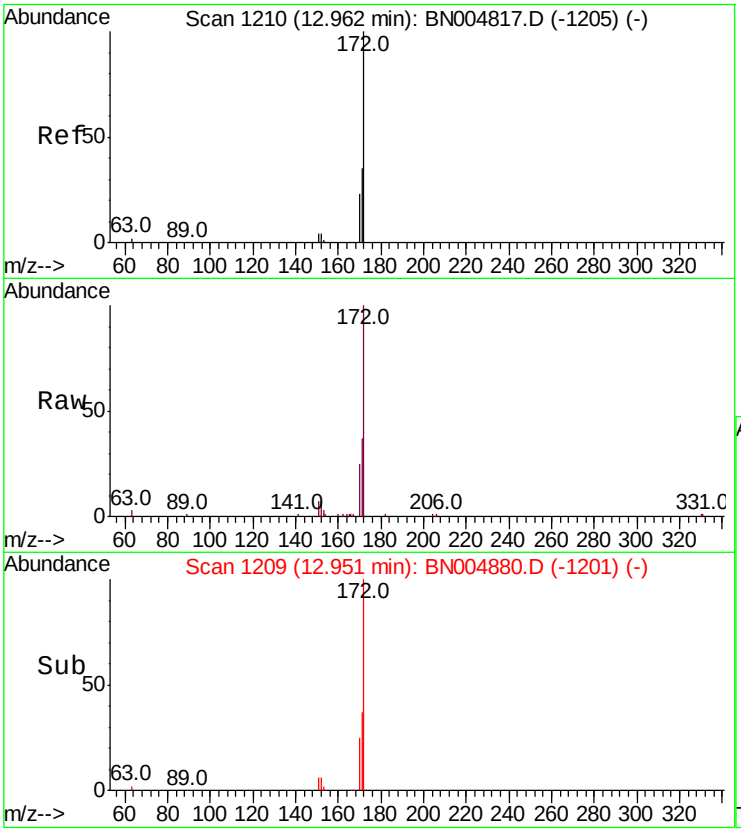


#14
2,4,6-Tribromophenol
Concen: 0.625 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:330 Resp: 2738

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	20.9	31.3



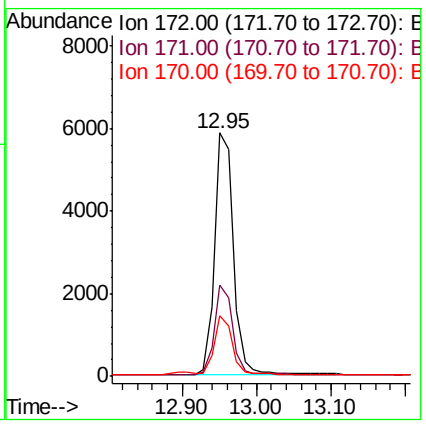


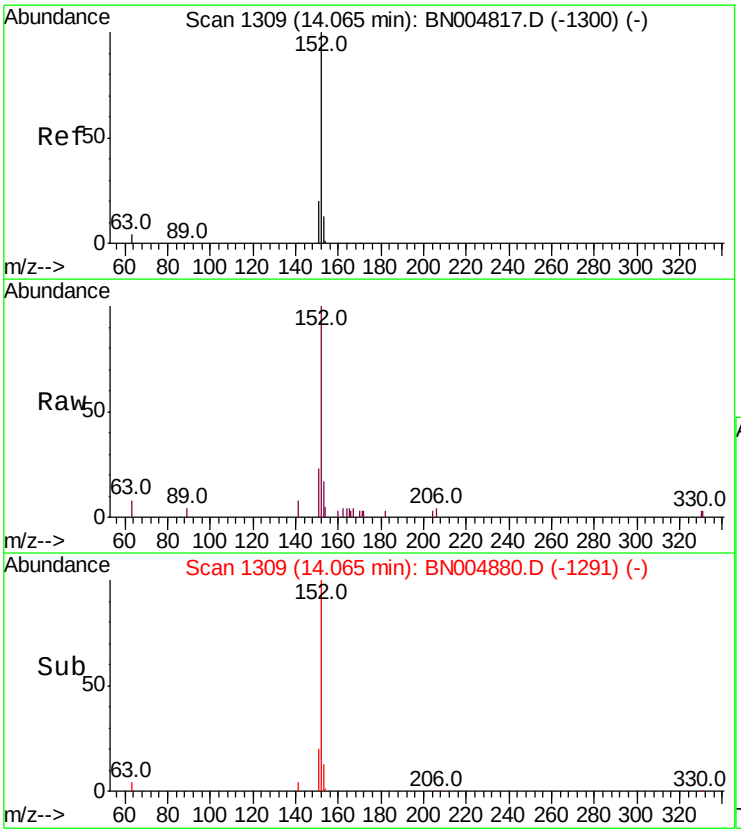
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:172 Resp: 10226

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	25.1	18.7	28.1

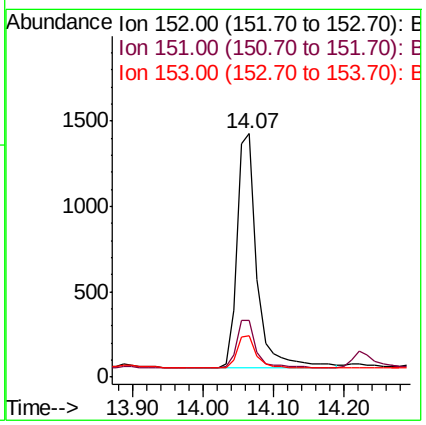


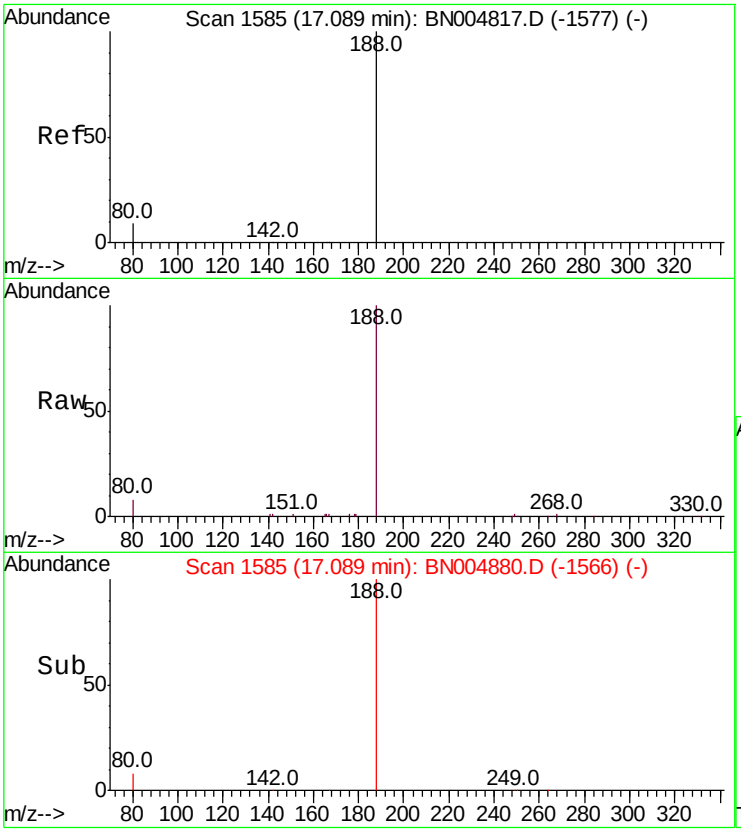


#16
Acenaphthylene
Concen: 0.083 ng
RT: 14.07 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:152 Resp: 2700

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	14.1	10.5	15.7



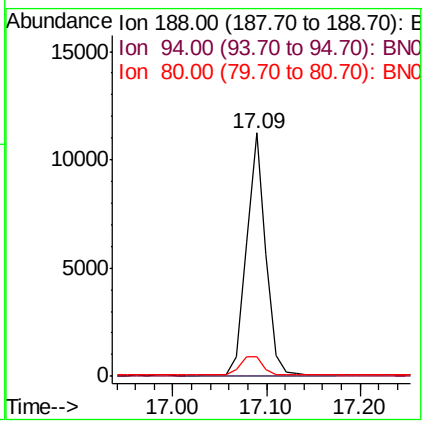


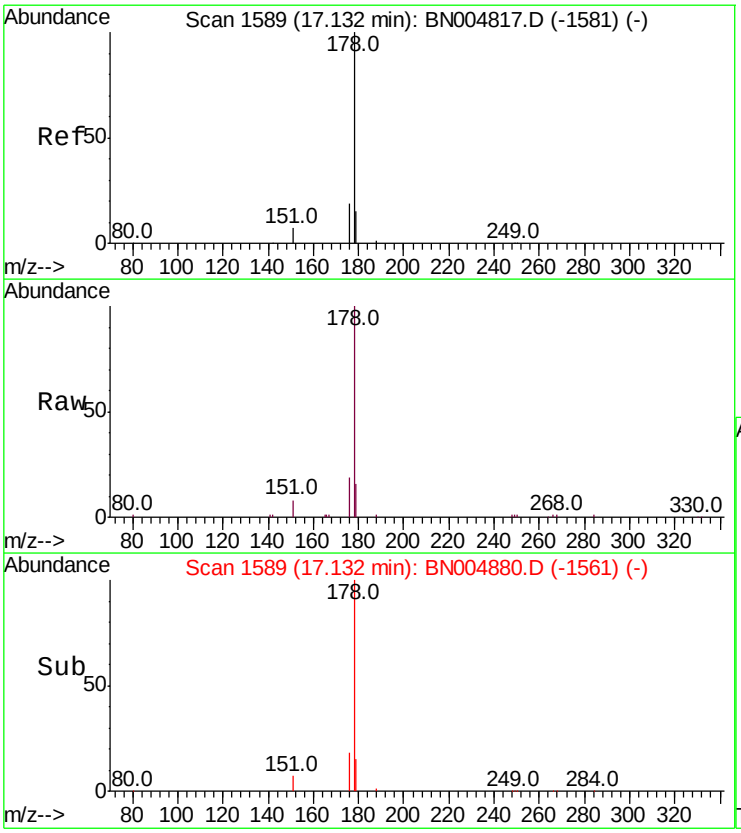
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:188 Resp: 16023

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.4	11.2

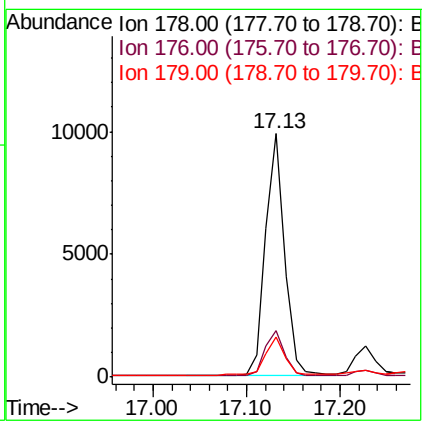


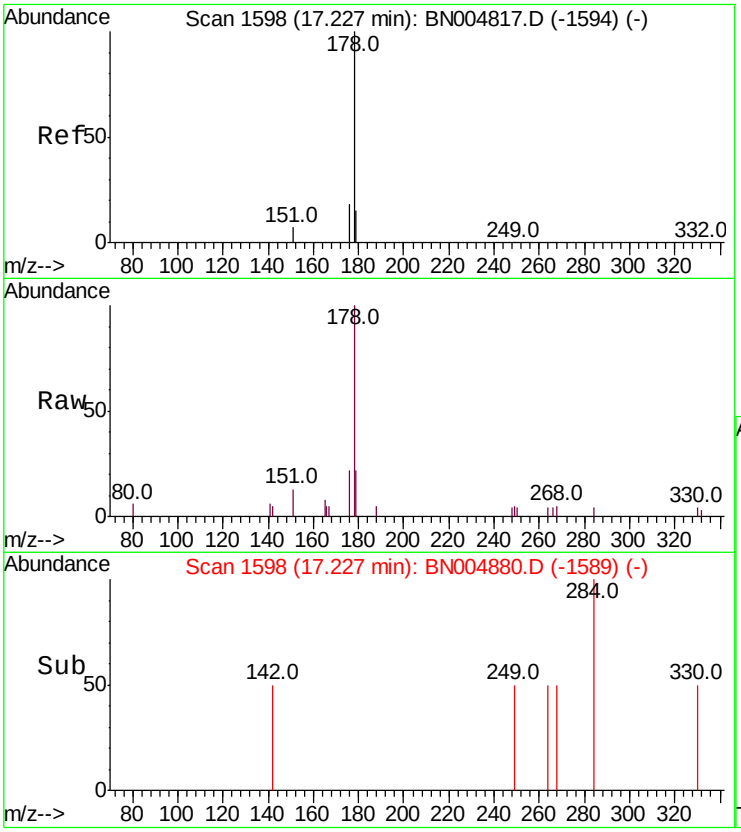


#23
Phenanthrene
Concen: 0.268 ng
RT: 17.13 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:178 Resp: 13868

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	12.1	18.1



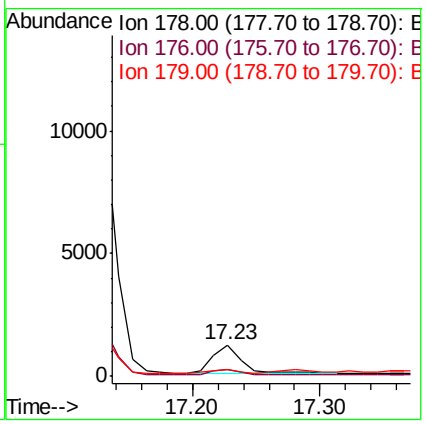


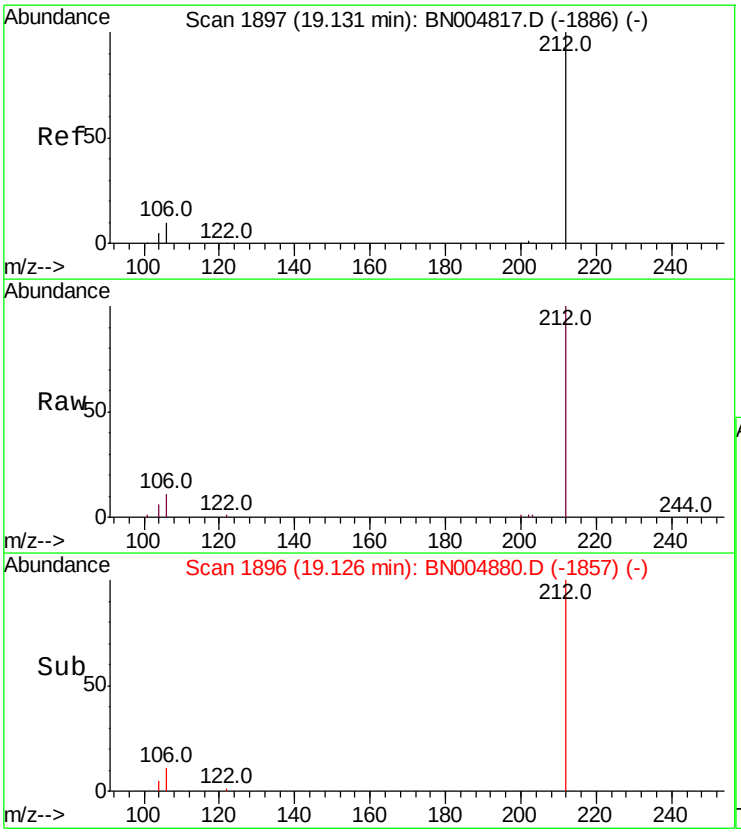
#24
Anthracene
Concen: 0.040 ng
RT: 17.23 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:178 Resp: 1860

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	14.1	12.2	18.4

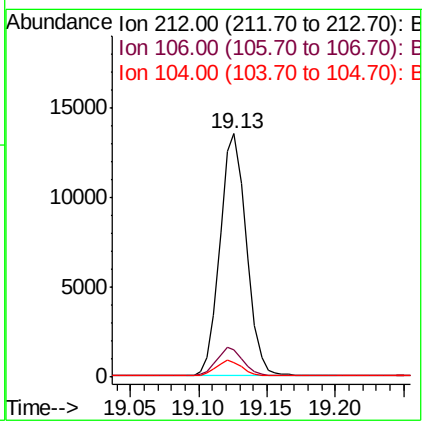


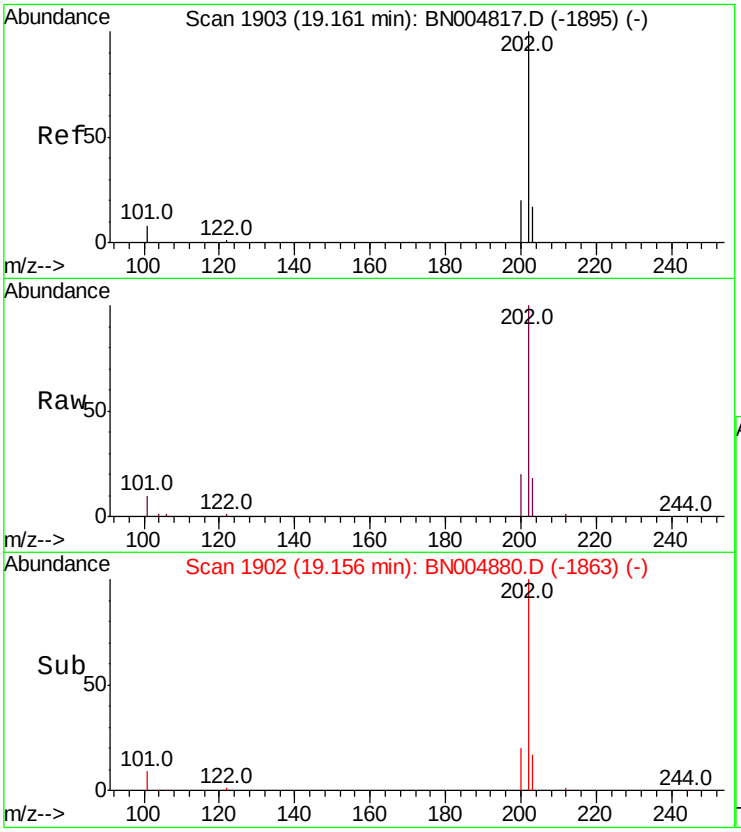


#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:212 Resp: 17978

Ion	Ratio	Lower	Upper
212	100		
106	11.6	8.6	13.0
104	6.4	4.7	7.1



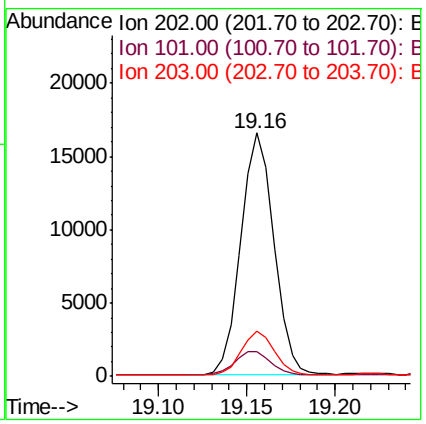


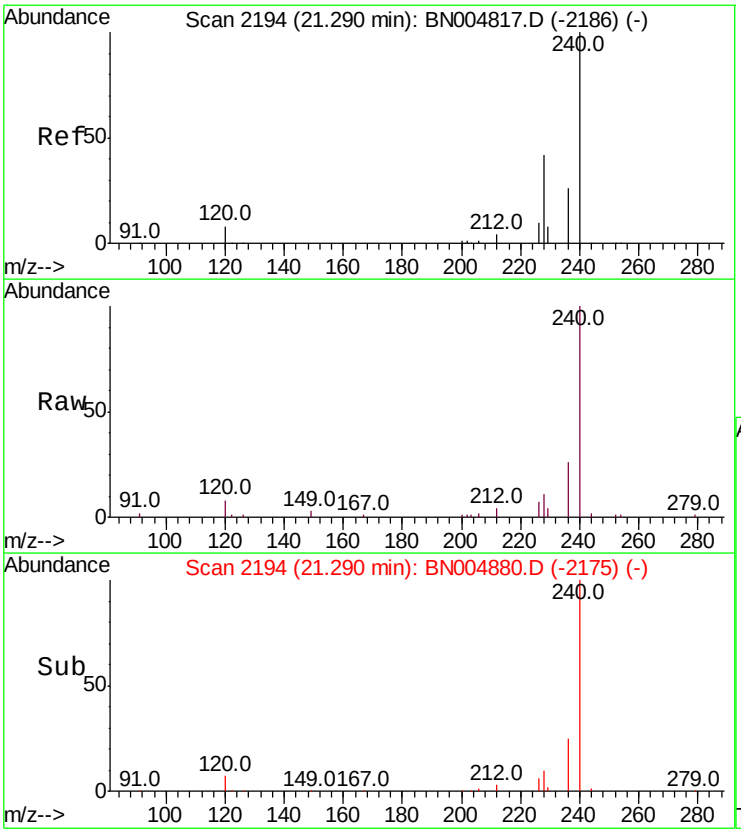
#26
Fluoranthene
Concen: 0.323 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:202 Resp: 21454

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
203	17.9	13.8	20.6

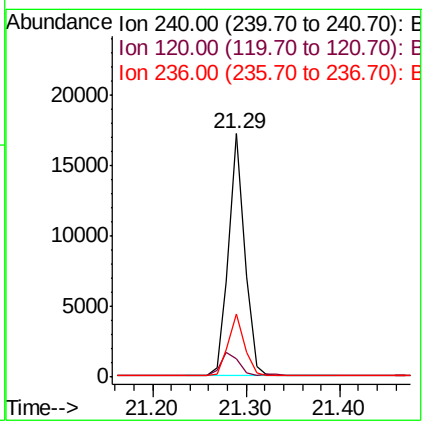


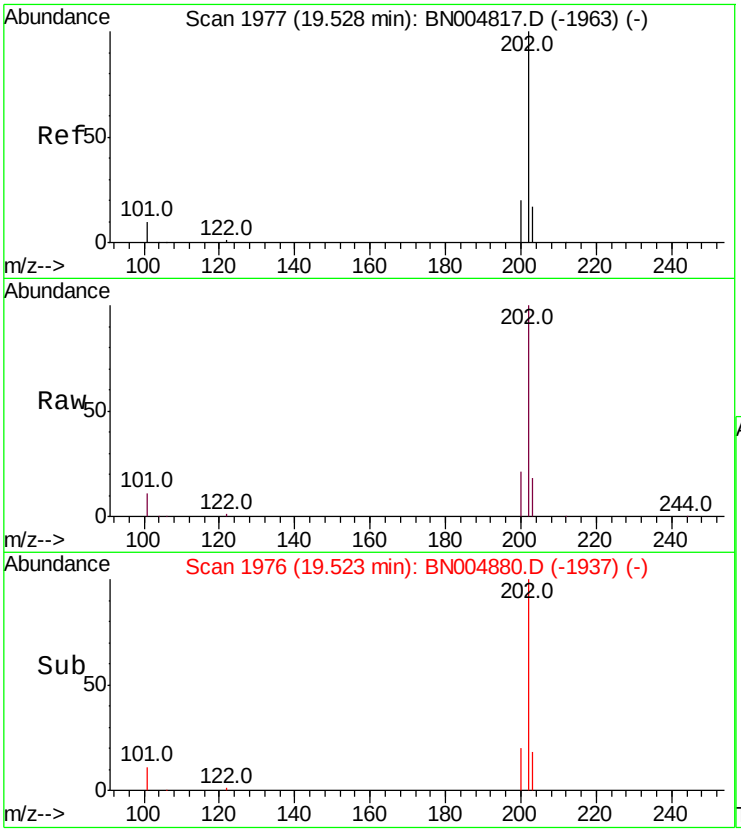


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:240 Resp: 20746

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.2	10.8
236	25.9	20.9	31.3



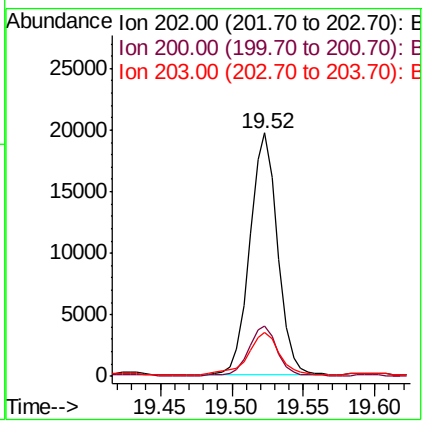


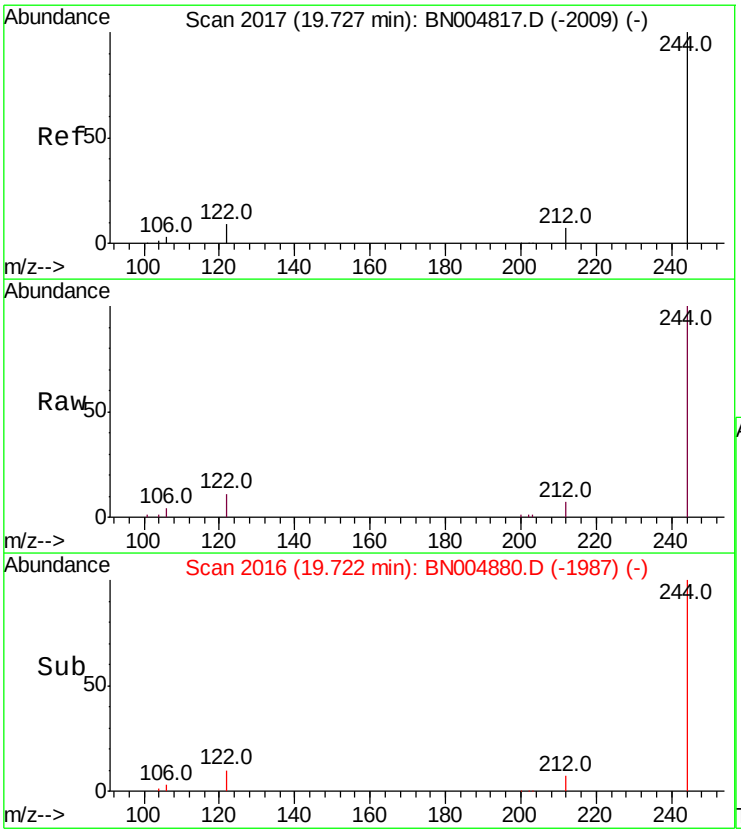
#28
Pyrene
Concen: 0.422 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:202 Resp: 26671

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	19.8	14.0	21.0

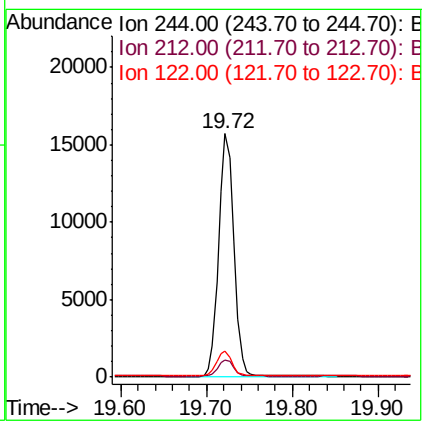


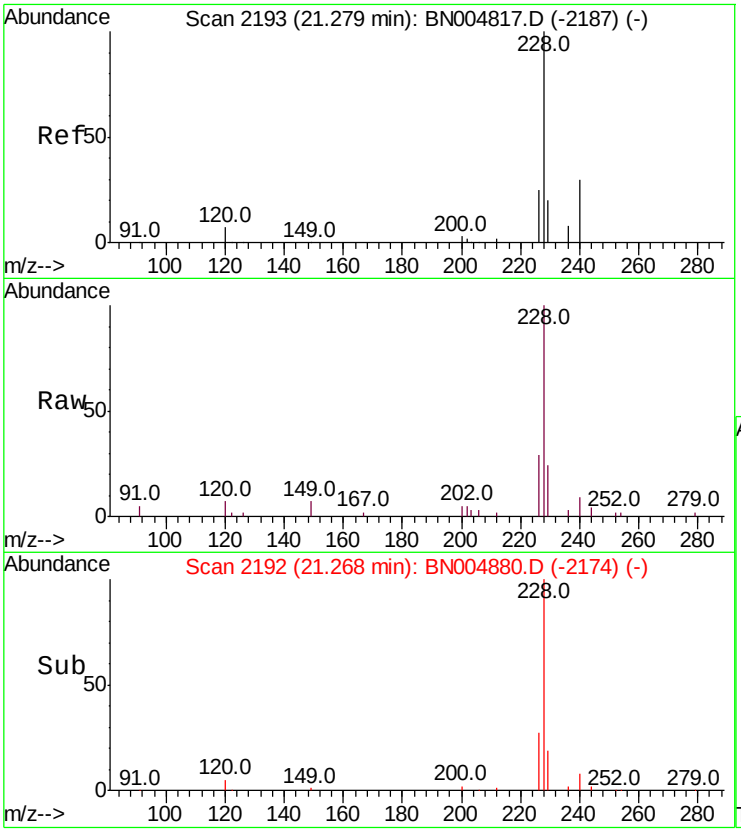


#29
Terphenyl-d14
Concen: 0.455 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:244 Resp: 19310

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.5	7.9	11.9



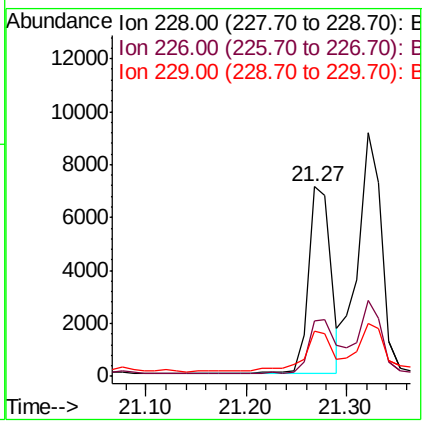


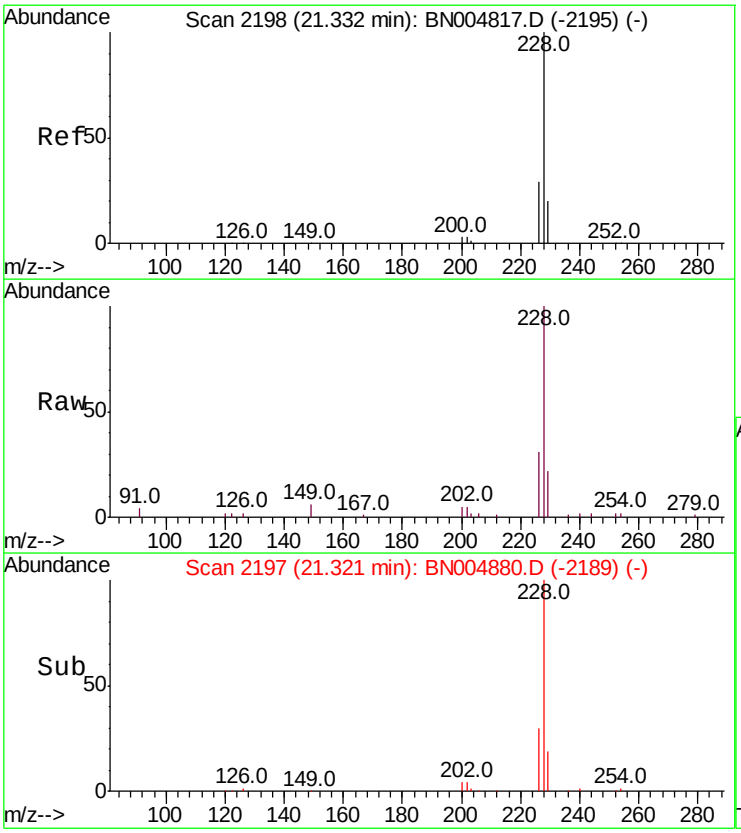
#30
Benzo(a)anthracene
Concen: 0.163 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:228 Resp: 11060

Ion	Ratio	Lower	Upper
228	100		
226	29.1	20.6	31.0
229	23.5	16.2	24.4

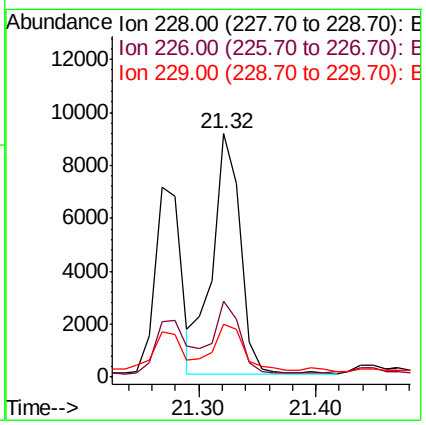


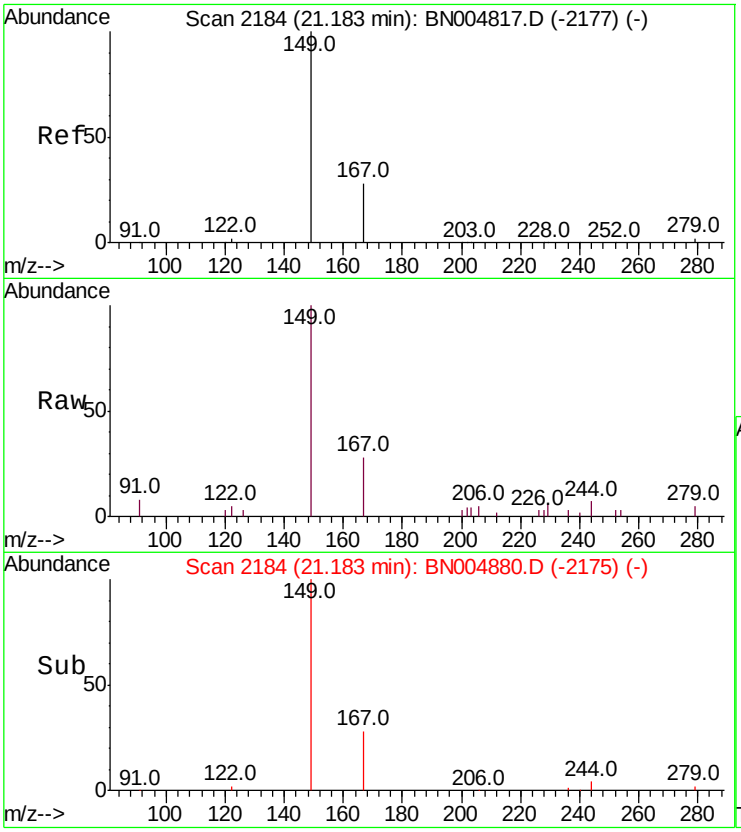


#31
Chrysene
Concen: 0.209 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:228 Resp: 14963

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.6
229	21.9	16.2	24.2



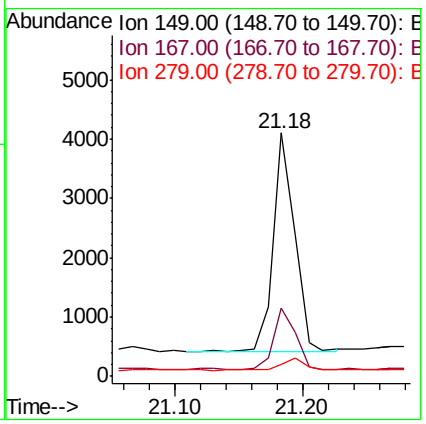


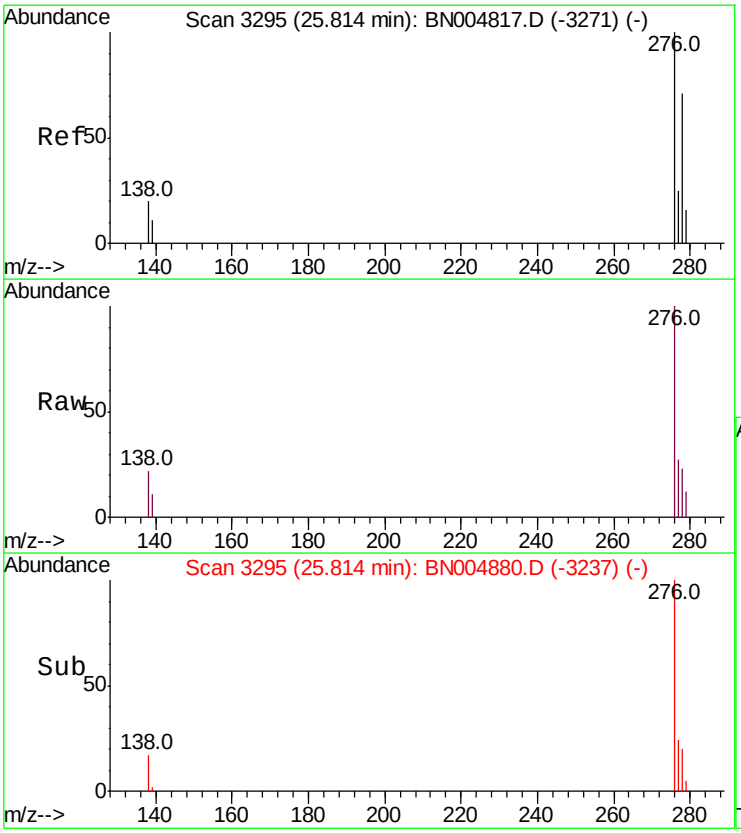
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.158 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:149 Resp: 4289

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	5.5	4.6	6.8

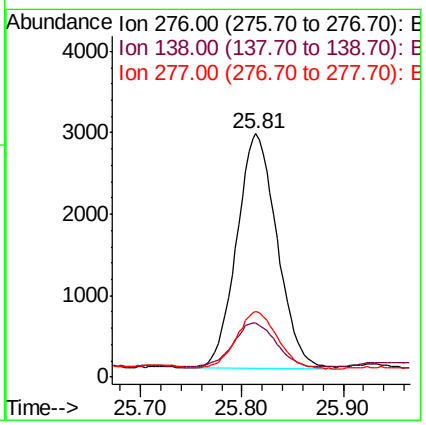


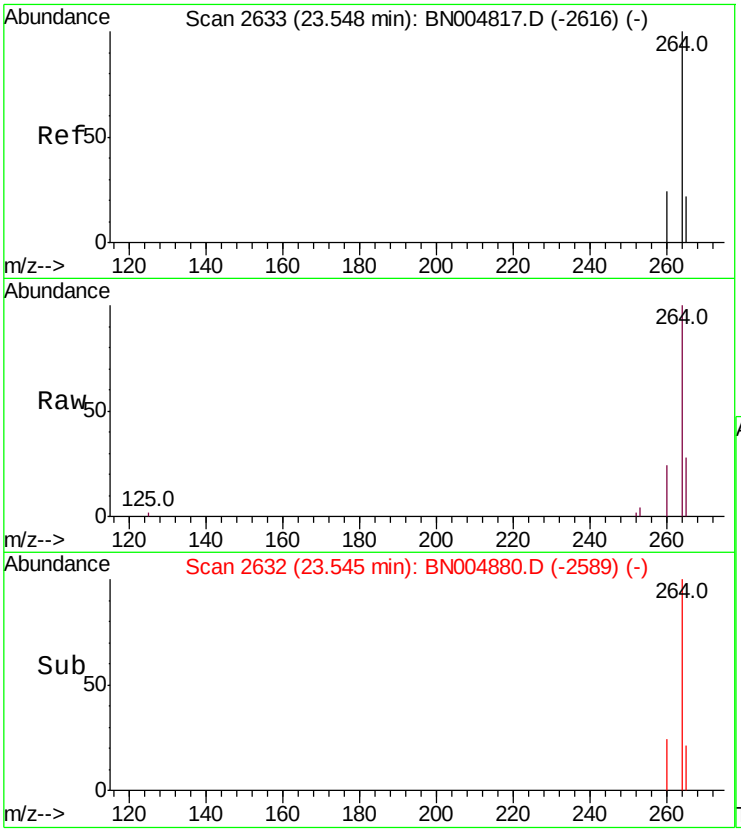


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng
RT: 25.81 min Scan# 3295
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:276 Resp: 7995

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	24.8
277	24.7	20.3	30.5



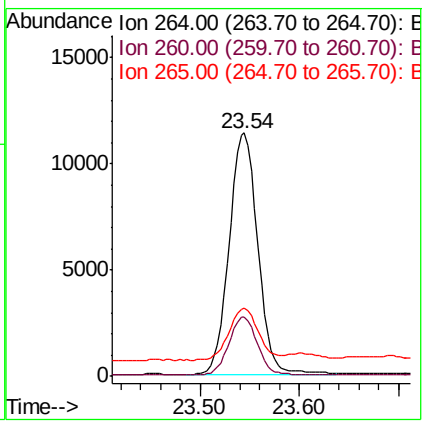


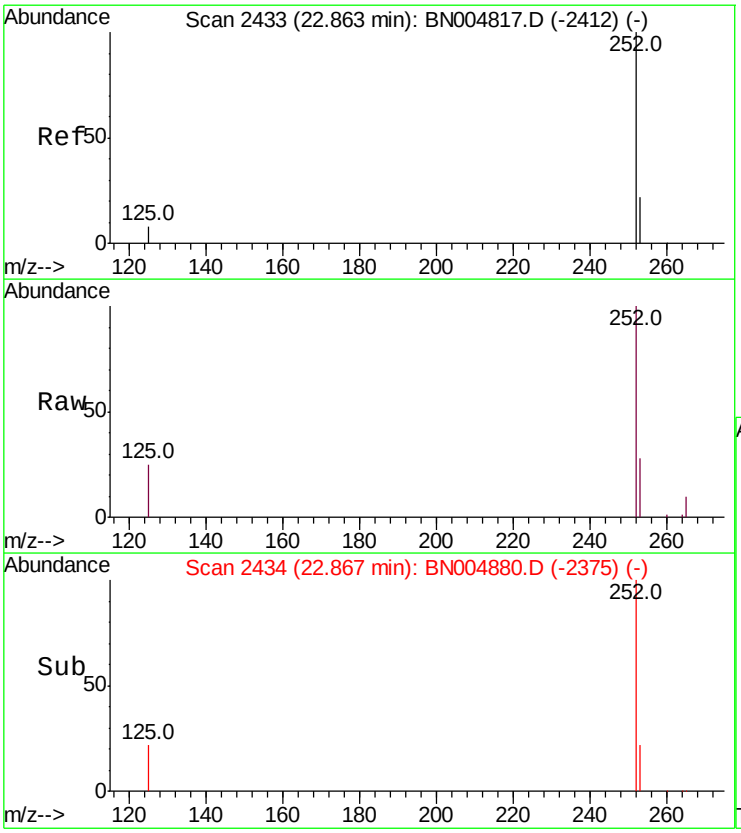
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:264 Resp: 22675

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	28.0	23.1	34.7

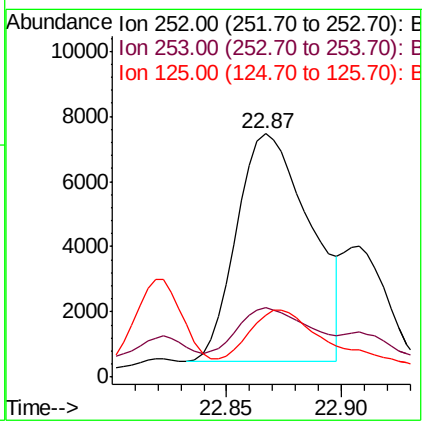


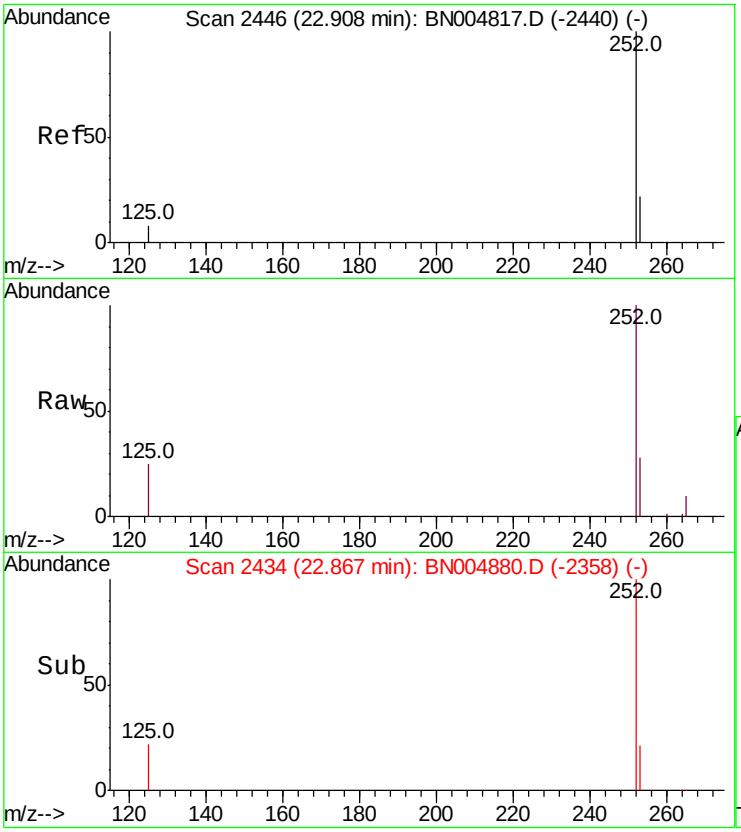


#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:252 Resp: 15705

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.0	28.4
125	25.2	7.4	11.2#



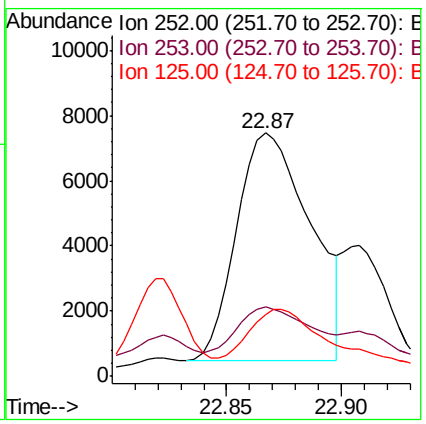


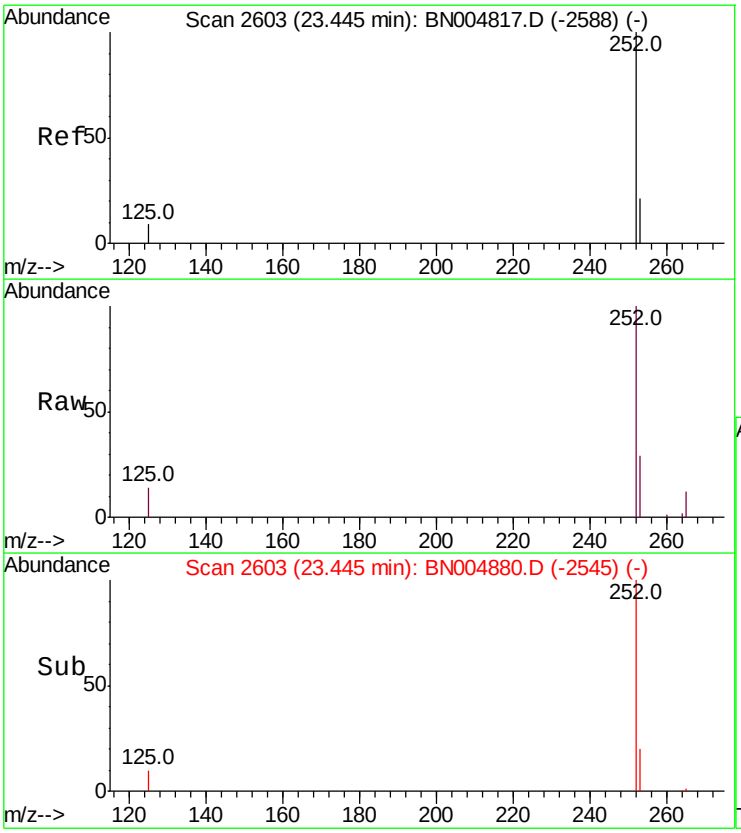
#36
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:252 Resp: 15705

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.3	28.9
125	25.2	7.4	11.0#

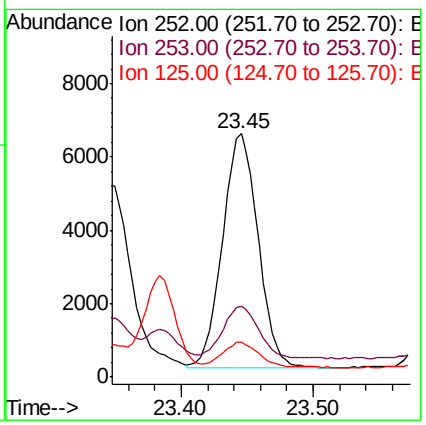


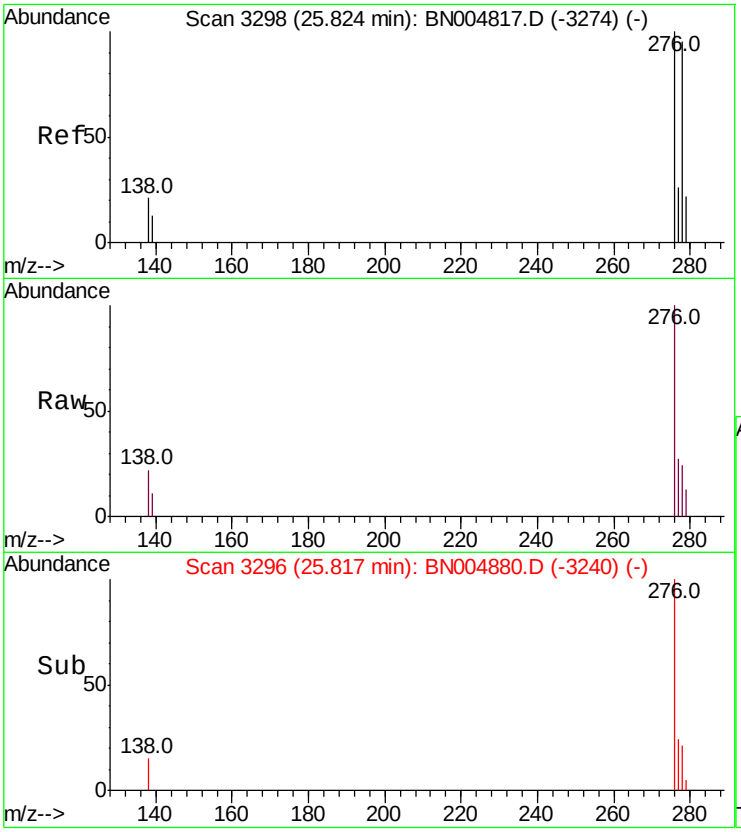


#37
Benzo(a)pyrene
Concen: 0.160 ng
RT: 23.45 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:252 Resp: 12004

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.7	29.5
125	14.2	8.3	12.5#



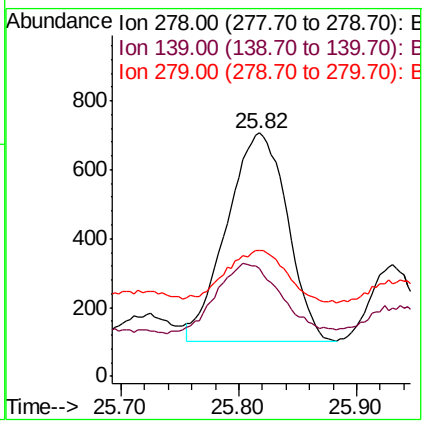


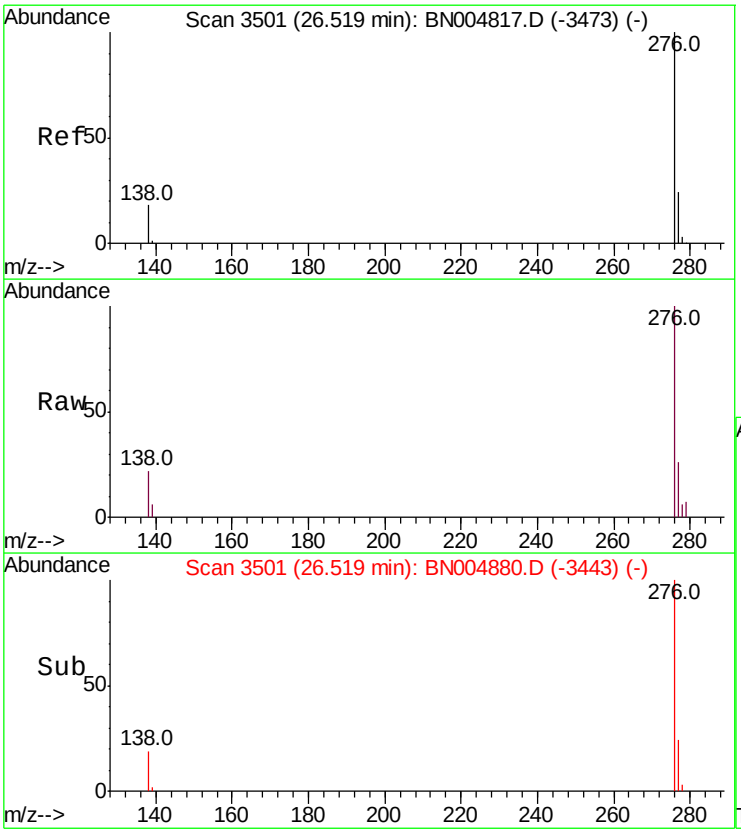
#38
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 25.82 min Scan# 3296
Delta R.T. -0.01 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Instrument :
BNA_N
ClientSampleId :
PST-026-B122-031819

Tgt Ion:278 Resp: 2146

Ion	Ratio	Lower	Upper
278	100		
139	44.1	11.7	17.5#
279	51.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 26.52 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BN004880.D
Acq: 22 Mar 2019 08:55

Tgt Ion:276 Resp: 8648

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.7	29.5
138	22.1	14.6	22.0#