Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004969.D
Acq On : 25 Mar 2019 20:04
Operator : JU/SJ
Sample : K2015-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-B030-031919

Quant Time: Mar 26 01:20:28 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	7.69	152	4525	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	18581	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	9329	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	18037	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	18375	0.40	ng	0.00
34) Perylene-d12	23.54	264	20072	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	678	0.06	ng	0.00
5) Phenol-d6	6.87	99	877	0.06	ng	0.00
8) Nitrobenzene-d5	8.86	82	735	0.06	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	1527	0.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	288	0.04	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	2080	0.05	ng	-0.01
25) Fluoranthene-d10	19.12	212	2287	0.04	ng	0.00
29) Terphenyl-d14	19.72	244	1784	0.05	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.12	178	9034	0.155	ng	# 96
26) Fluoranthene	19.15	202	26362	0.352	ng	# 74
28) Pyrene	19.52	202	24077	0.430	ng	# 93
30) Benzo(a)anthracene	21.27	228	11201	0.186	ng	# 48
31) Chrysene	21.32	228	17638	0.278	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.18	149	3361	0.140	ng	# 70
33) Indeno(1,2,3-cd)pyrene	25.81	276	12006	0.131	ng	97
35) Benzo(b)fluoranthene	22.86	252	23892	0.329	ng	# 37
36) Benzo(k)fluoranthene	22.86	252	23892	0.334	ng	# 38
37) Benzo(a)pyrene	23.44	252	12078	0.181	ng	# 1
38) Dibenzo(a,h)anthracene	25.81	278	1606	0.021	ng	# 1
39) Benzo(g,h,i)perylene	26.51	276	16782	0.214	ng	# 53

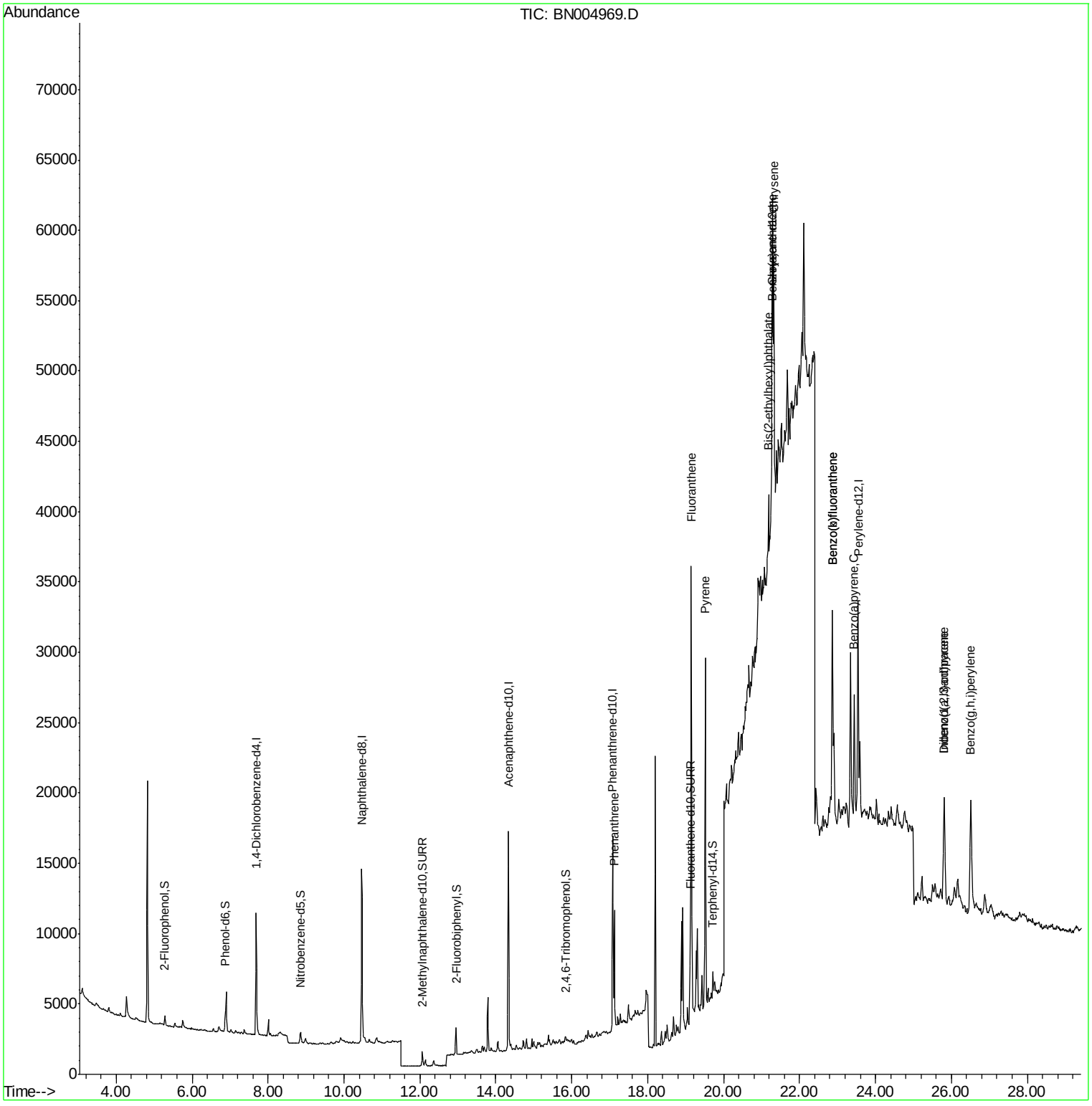
(#) = qualifier out of range (m) = manual integration (+) = signals summed

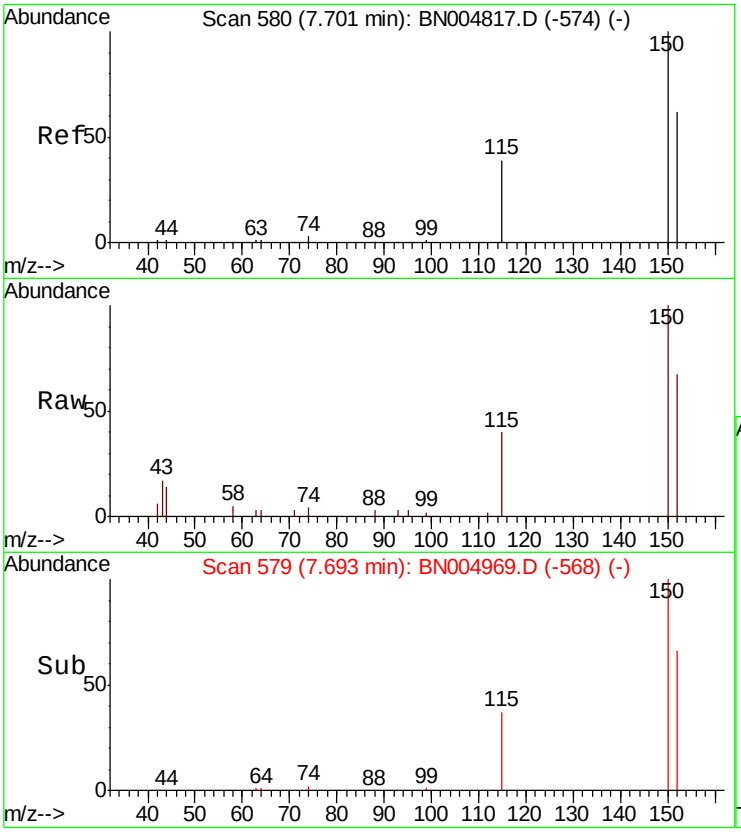
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004969.D
Acq On : 25 Mar 2019 20:04
Operator : JU/SJ
Sample : K2015-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Quant Time: Mar 26 01:20:28 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



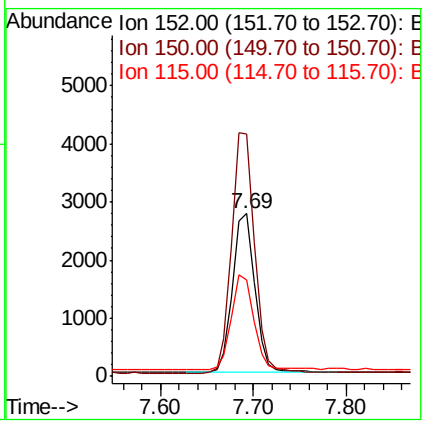


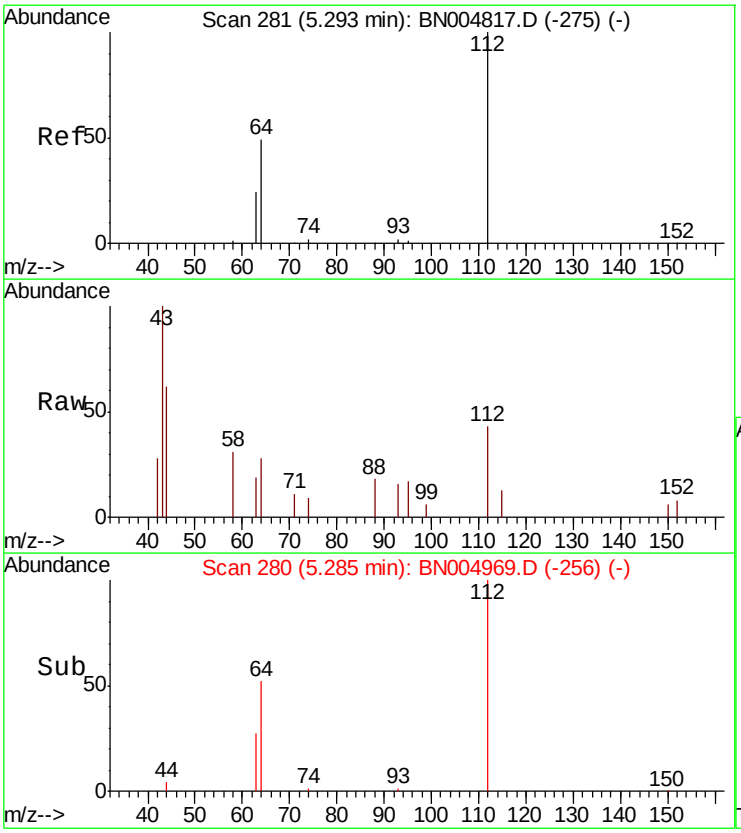
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:152 Resp: 4525

Ion	Ratio	Lower	Upper
152	100		
150	149.1	126.2	189.4
115	59.2	52.6	79.0

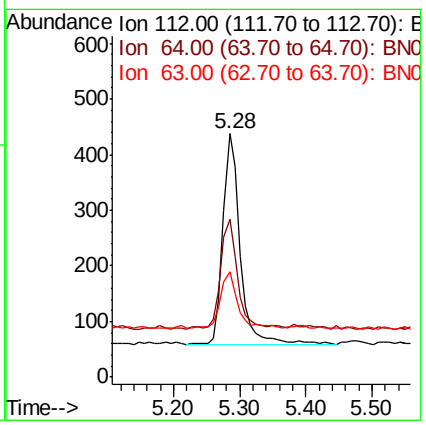


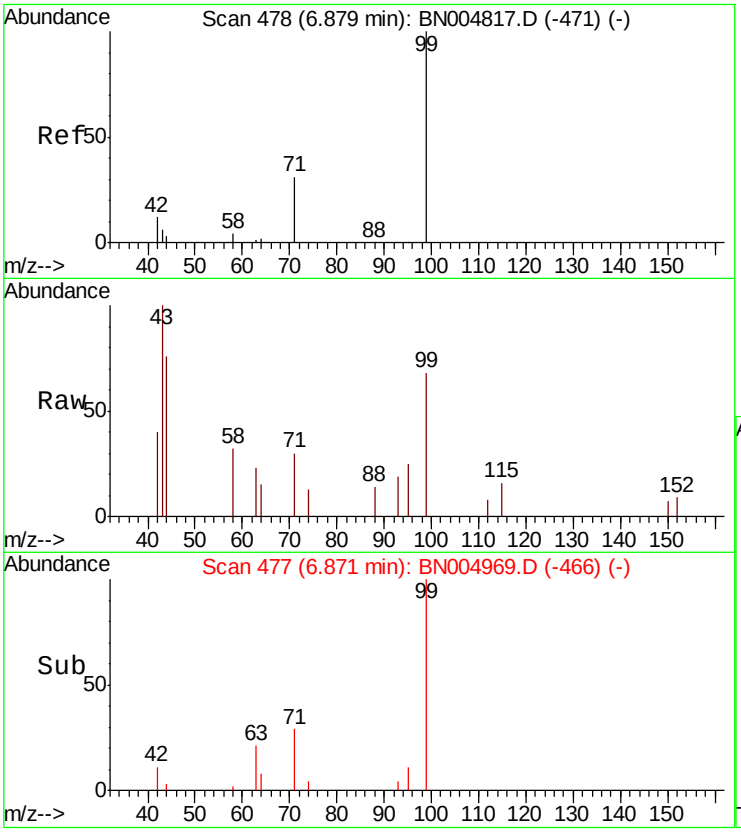


#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:112 Resp: 678

Ion	Ratio	Lower	Upper
112	100		
64	50.3	40.0	60.0
63	26.7	20.2	30.2



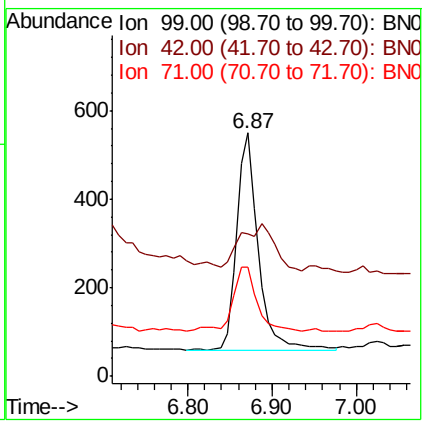


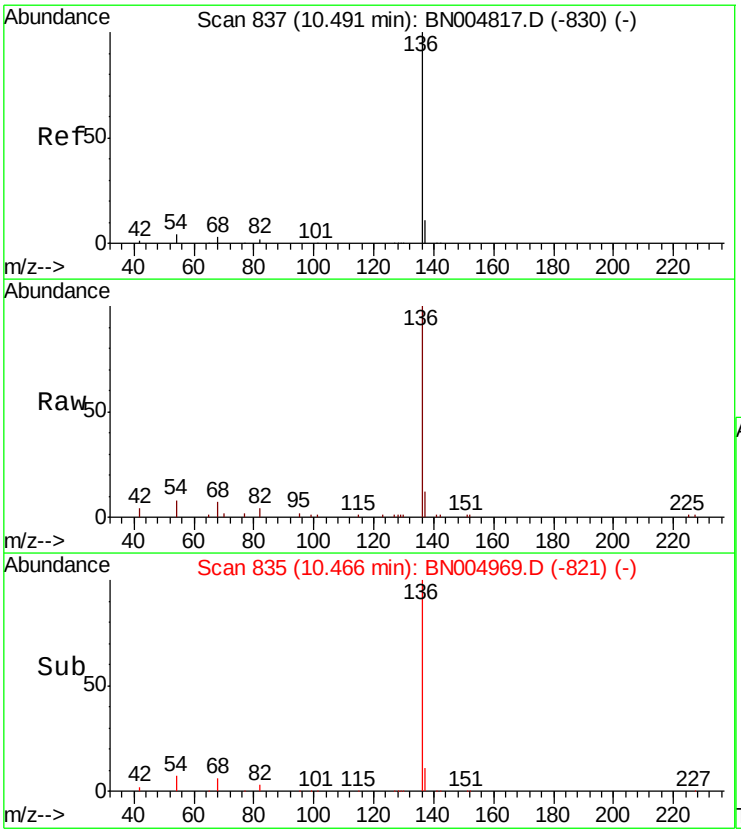
#5
Phenol-d6
Concen: 0.057 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion: 99 Resp: 877

Ion	Ratio	Lower	Upper
99	100		
42	34.0	12.7	19.1#
71	31.2	26.6	40.0

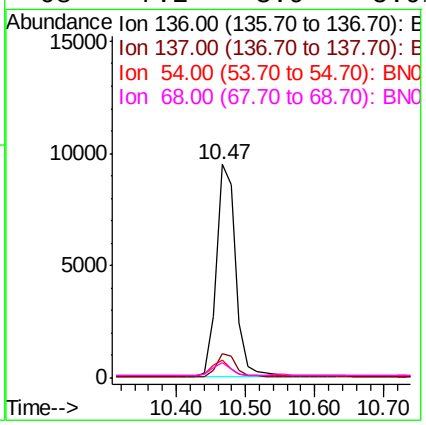


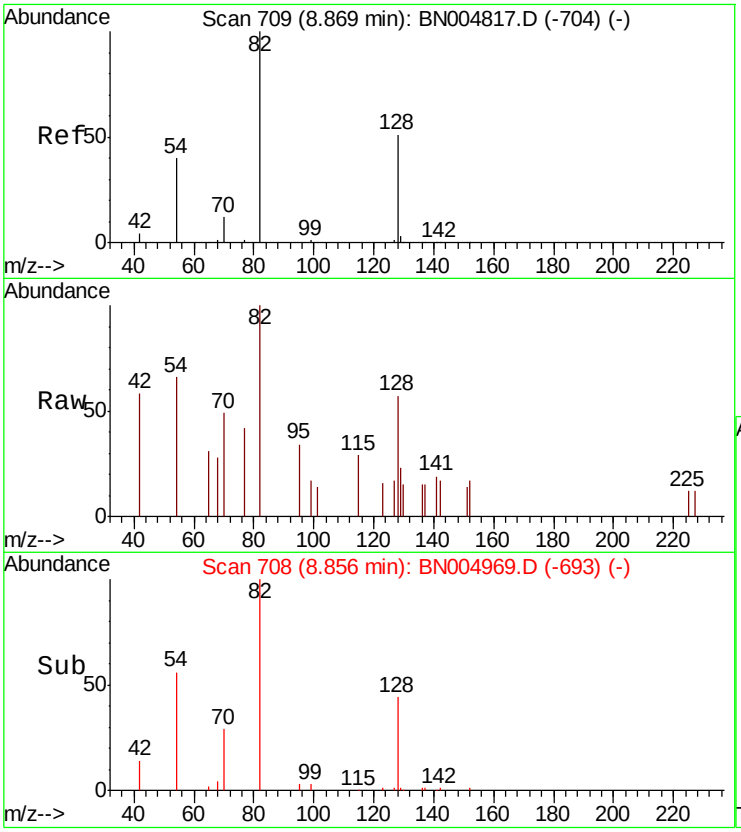


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:136 Resp: 18581

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.3	4.2	6.2#
68	7.2	3.9	5.9#



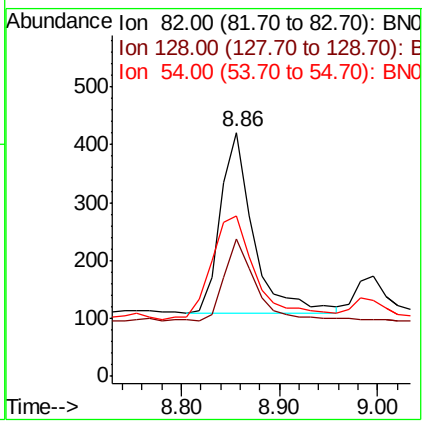


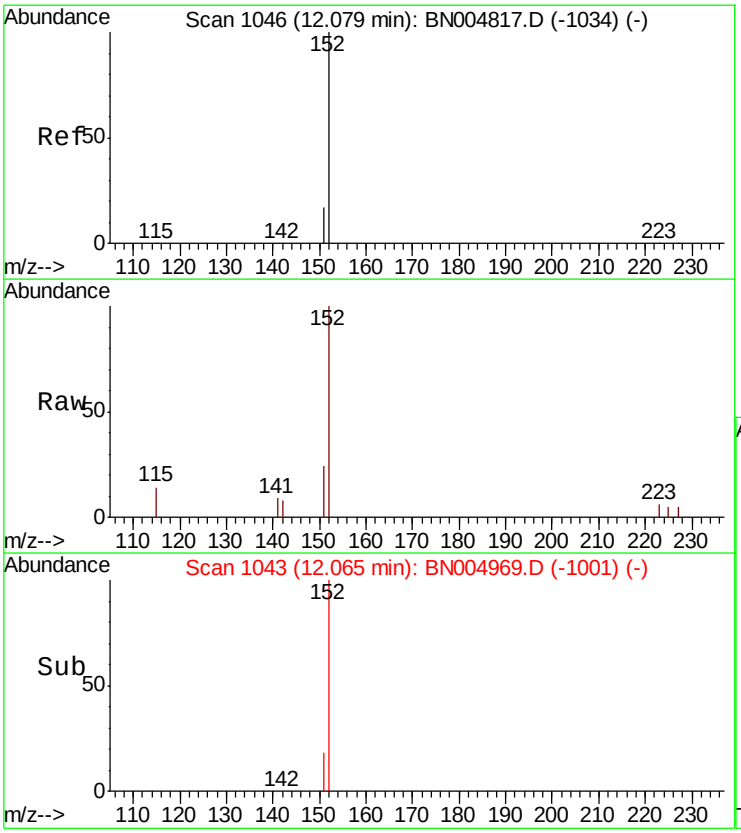
#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion: 82 Resp: 735

Ion	Ratio	Lower	Upper
82	100		
128	56.5	43.0	64.6
54	65.6	35.3	52.9#

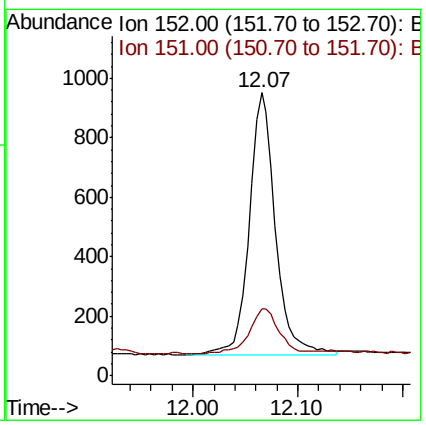


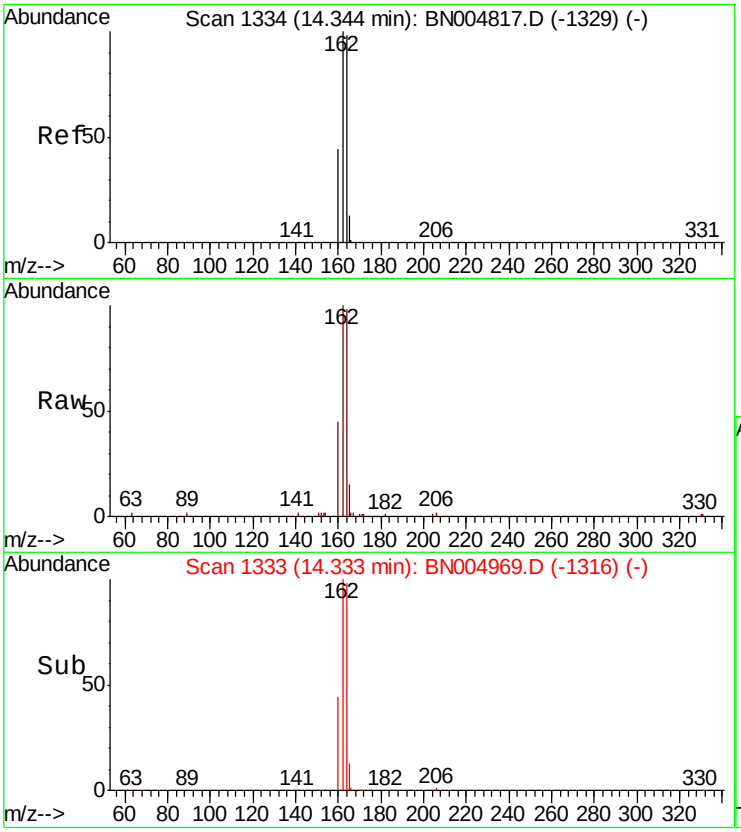


#11
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:152 Resp: 1527

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3



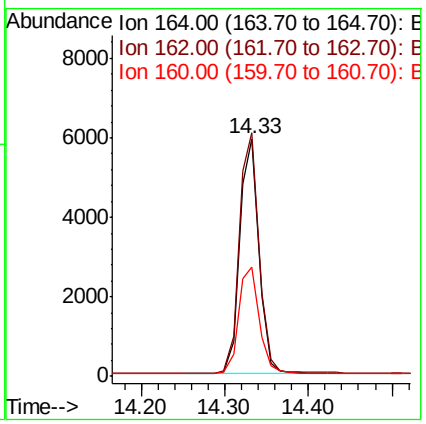


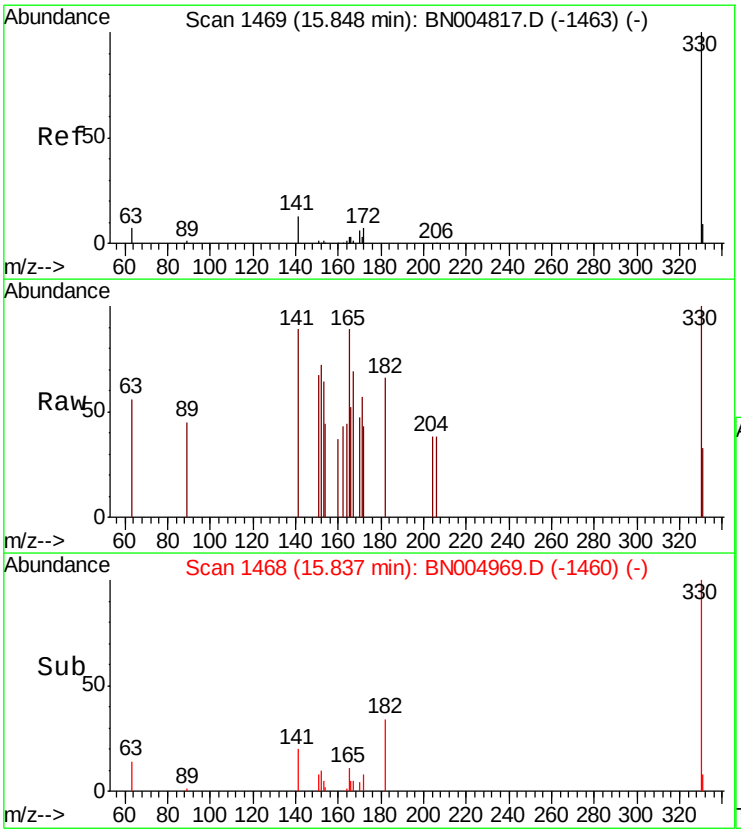
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:164 Resp: 9329

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	45.7	36.6	54.8

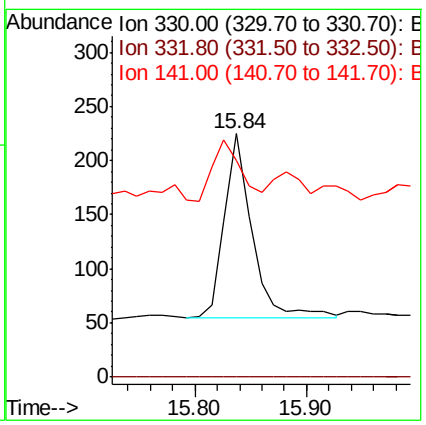


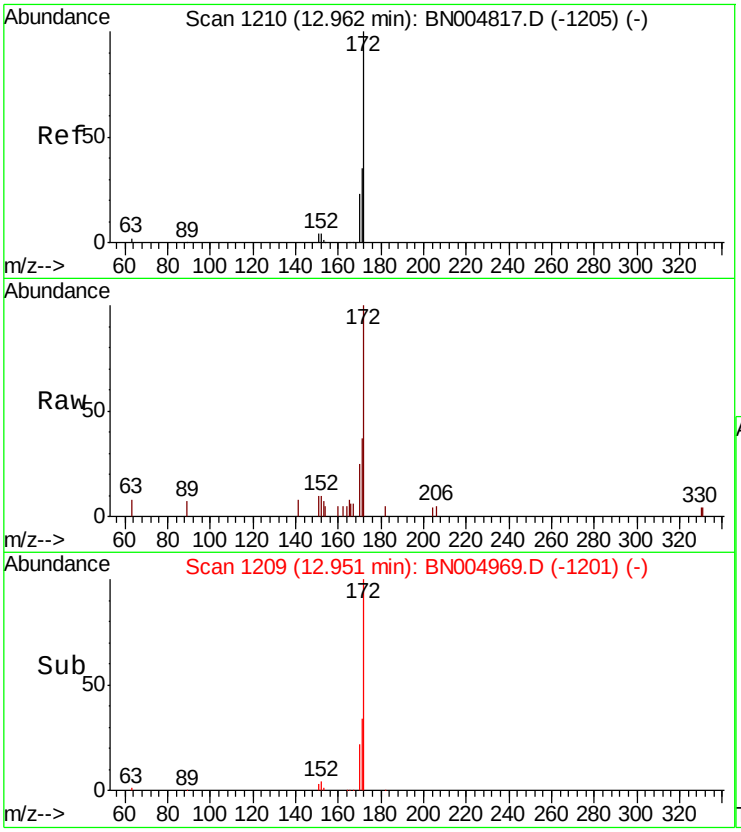


#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:330 Resp: 288

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	20.9	31.3#



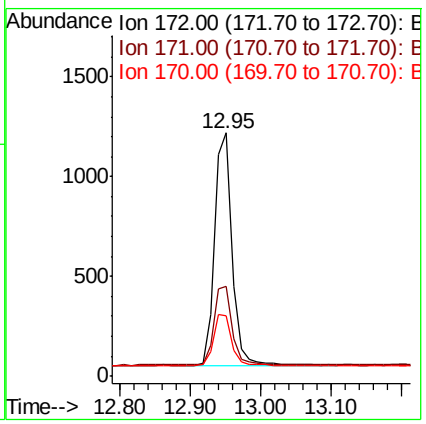


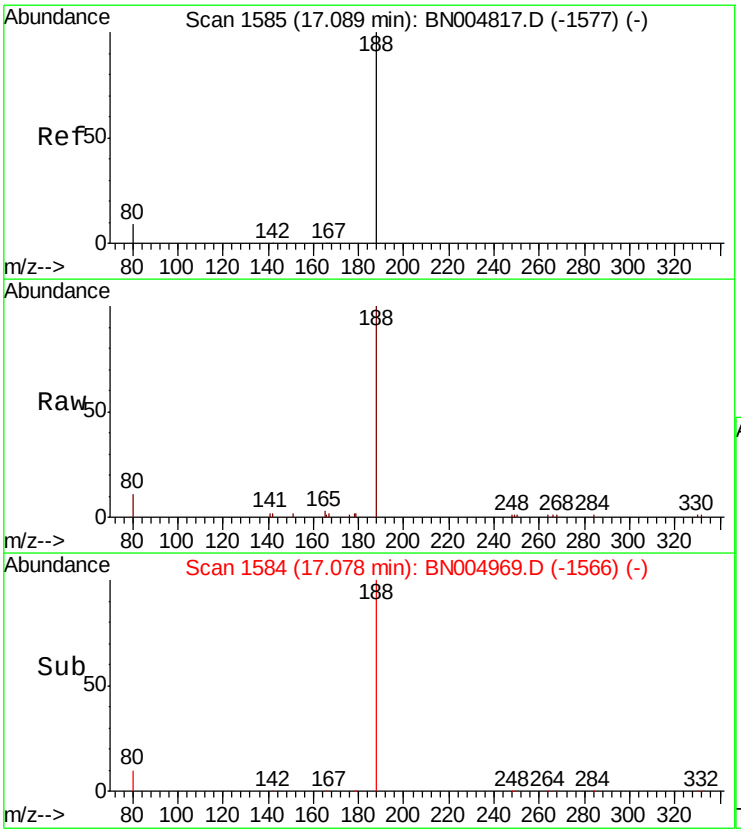
#15
2-Fluorobiphenyl
Concen: 0.054 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:172 Resp: 2080

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	25.0	18.7	28.1

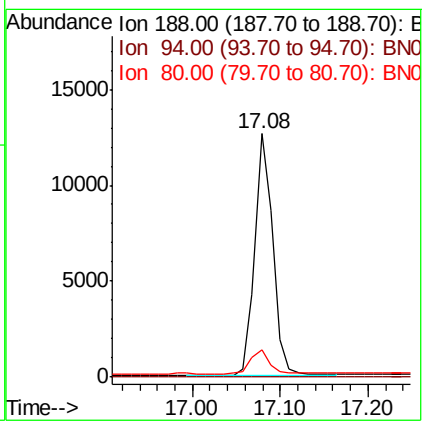


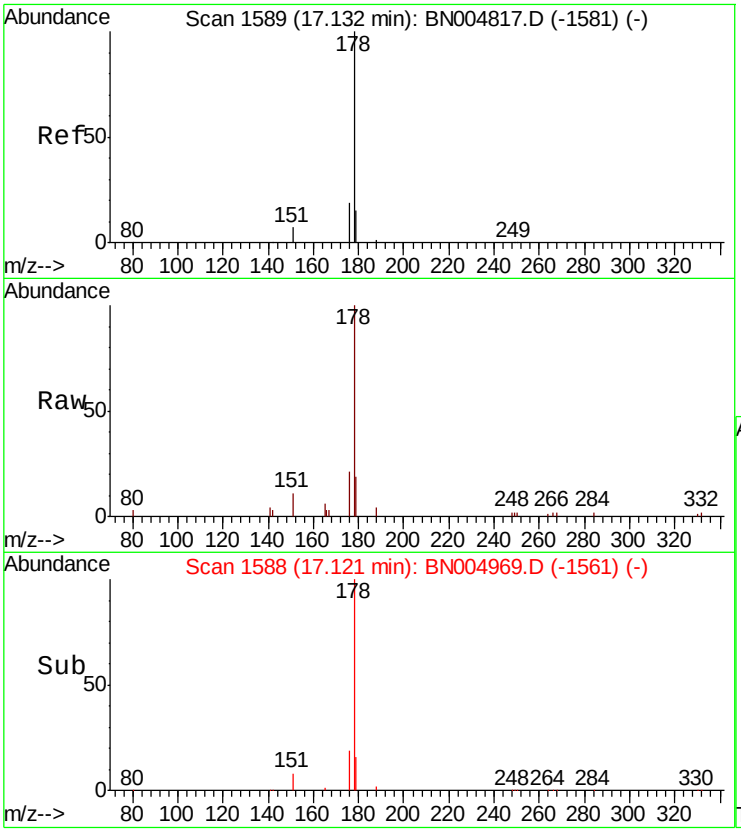


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:188 Resp: 18037

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2



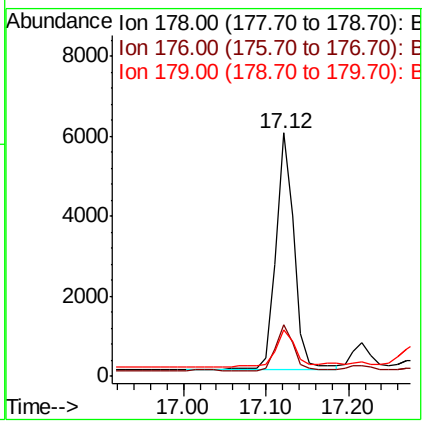


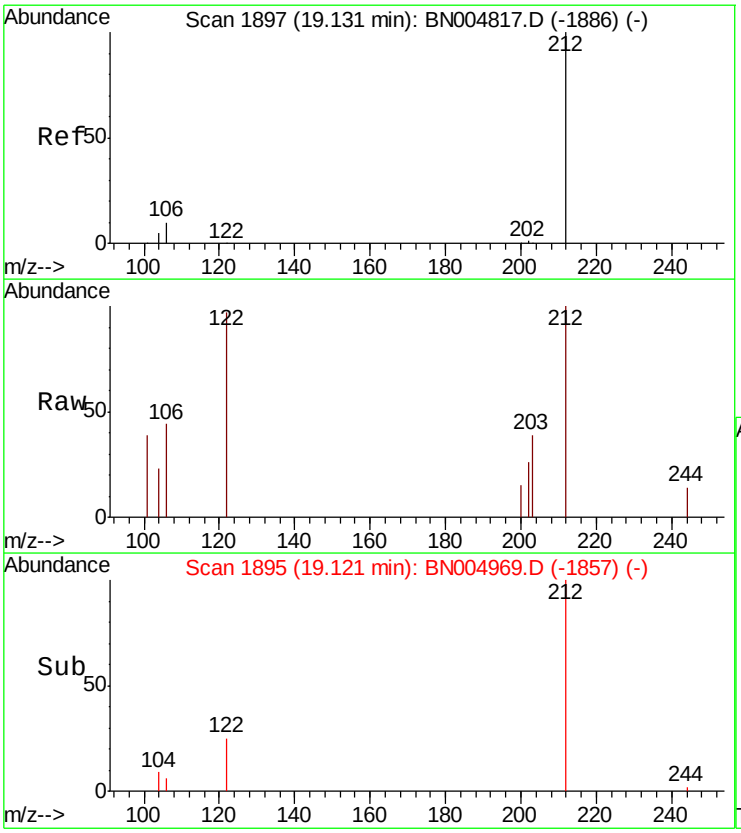
#23
Phenanthrene
Concen: 0.155 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:178 Resp: 9034

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	18.3	12.1	18.1#

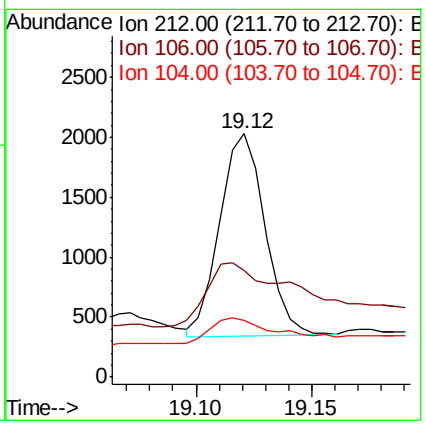


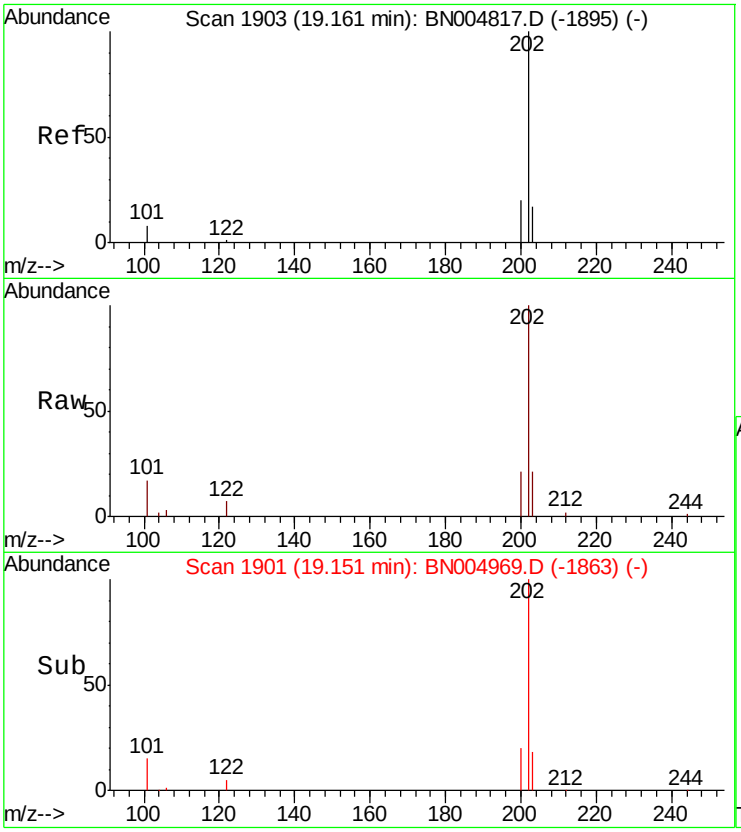


#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:212 Resp: 2287

Ion	Ratio	Lower	Upper
212	100		
106	81.8	8.6	13.0#
104	20.1	4.7	7.1#



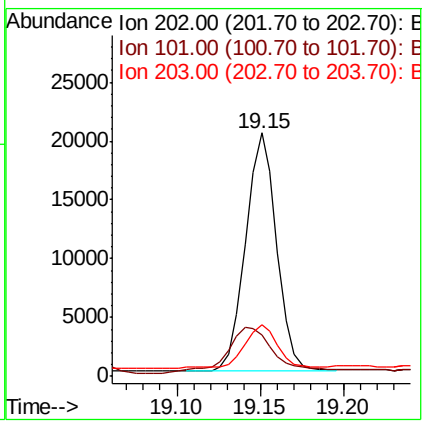


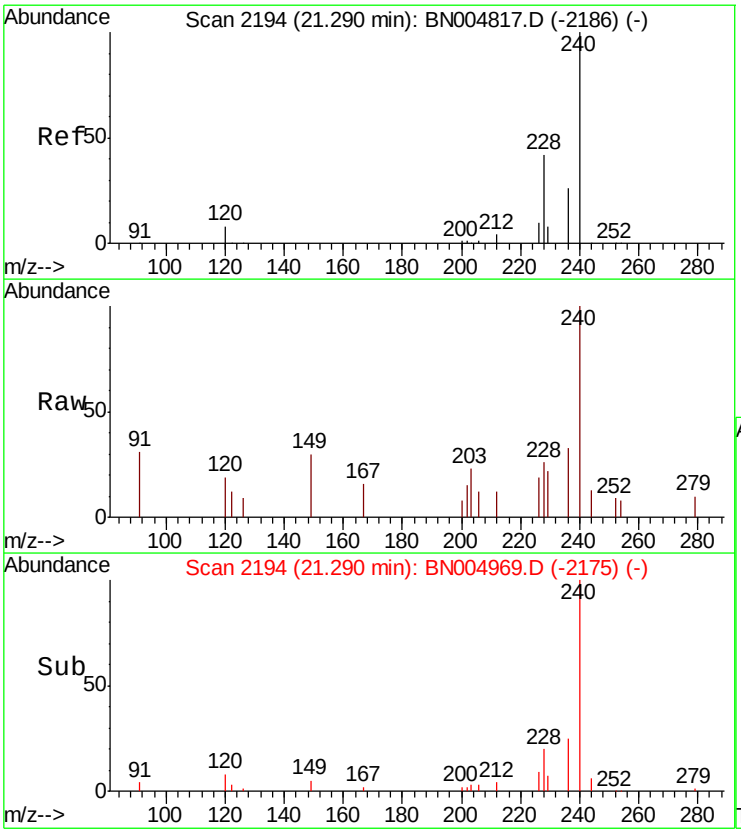
#26
Fluoranthene
Concen: 0.352 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:202 Resp: 26362

Ion	Ratio	Lower	Upper
202	100		
101	31.8	7.5	11.3#
203	20.3	13.8	20.6

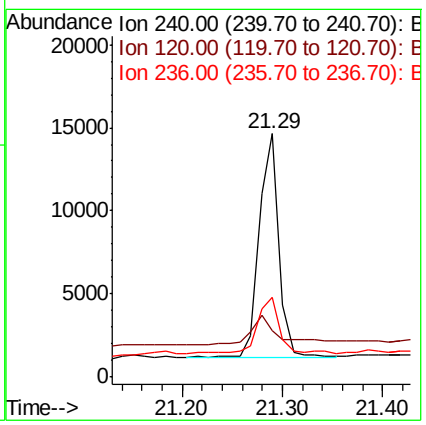


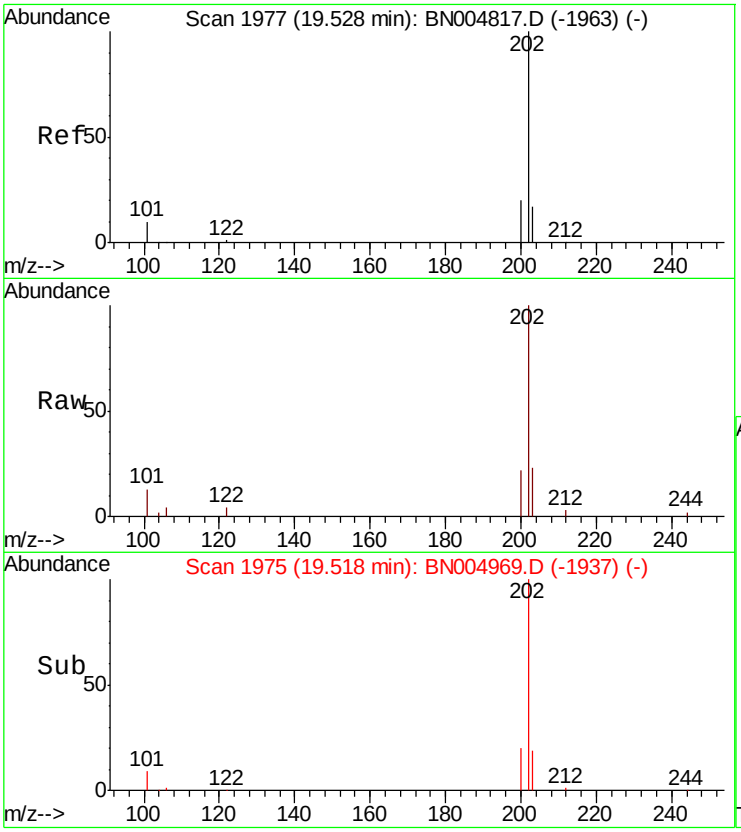


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:240 Resp: 18375

Ion	Ratio	Lower	Upper
240	100		
120	19.3	7.2	10.8#
236	32.7	20.9	31.3#



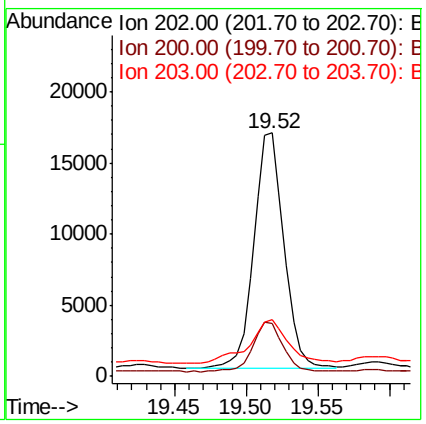


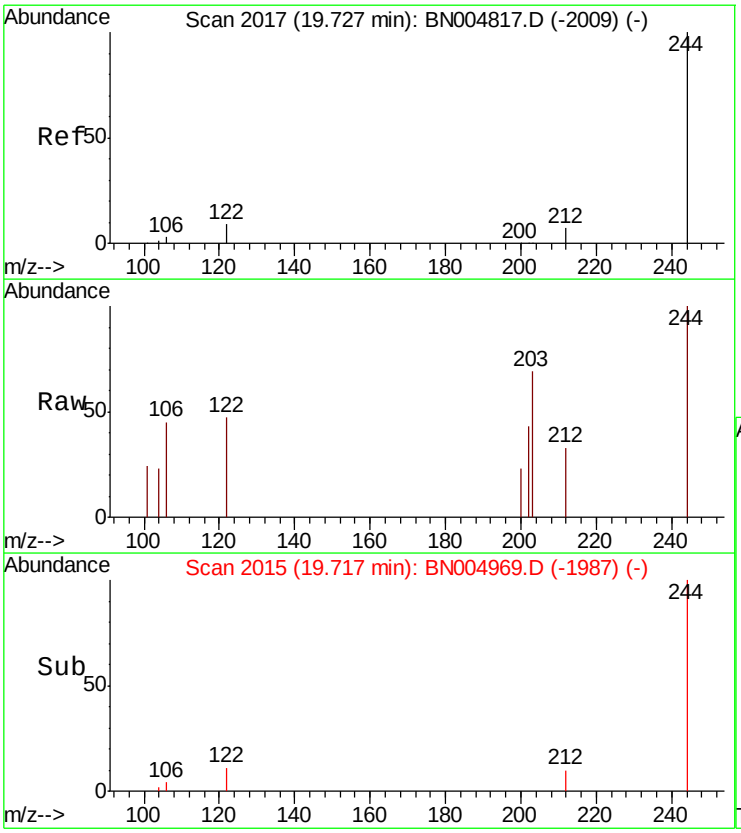
#28
Pyrene
Concen: 0.430 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:202 Resp: 24077

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	23.5	14.0	21.0#

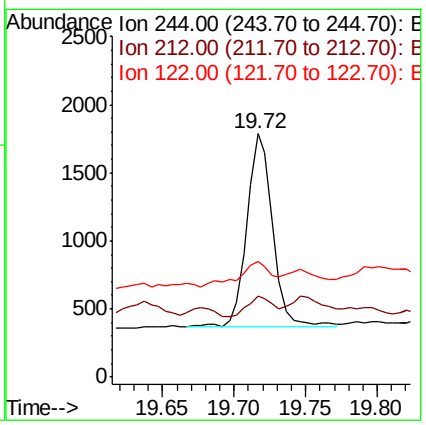


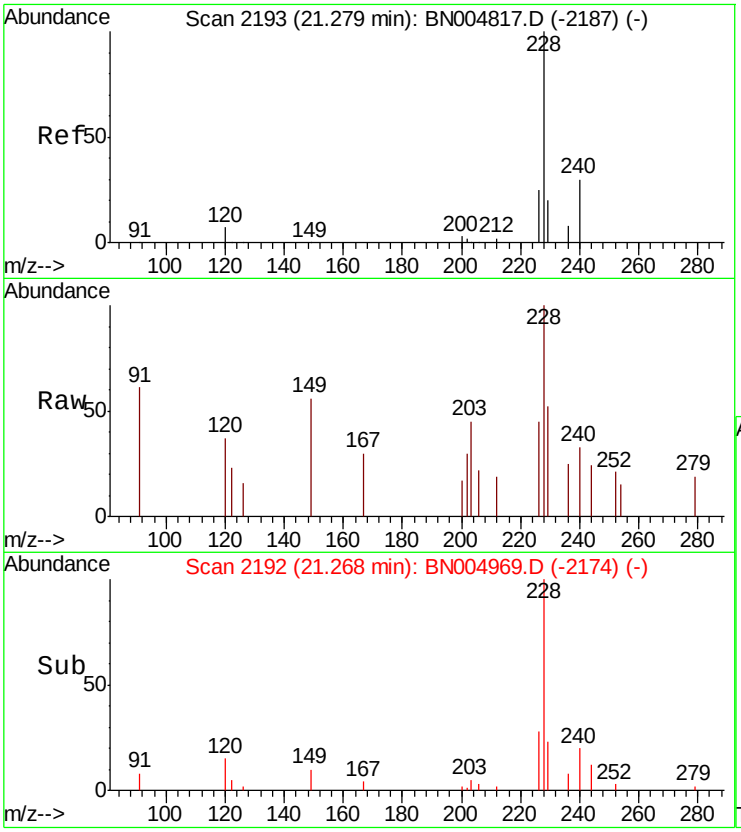


#29
Terphenyl-d14
Concen: 0.047 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:244 Resp: 1784

Ion	Ratio	Lower	Upper
244	100		
212	33.1	5.8	8.6#
122	47.5	7.9	11.9#



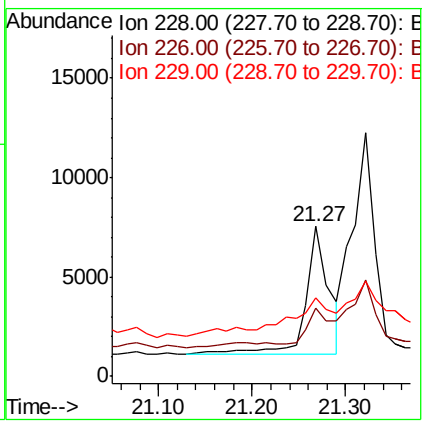


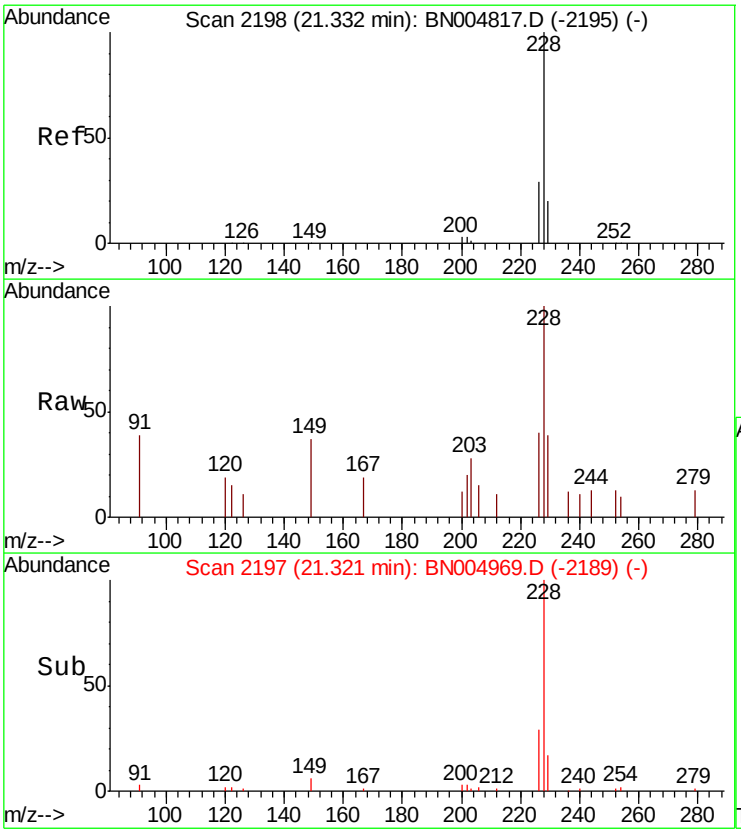
#30
Benzo(a)anthracene
Concen: 0.186 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:228 Resp: 11201

Ion	Ratio	Lower	Upper
228	100		
226	45.4	20.6	31.0#
229	52.1	16.2	24.4#

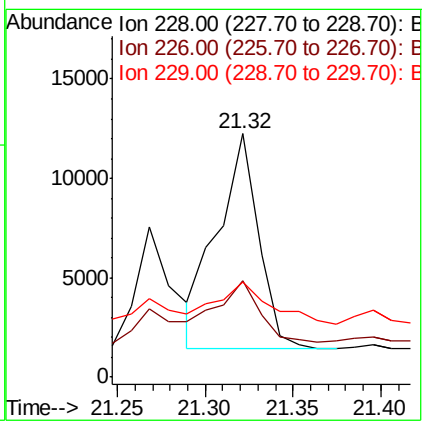


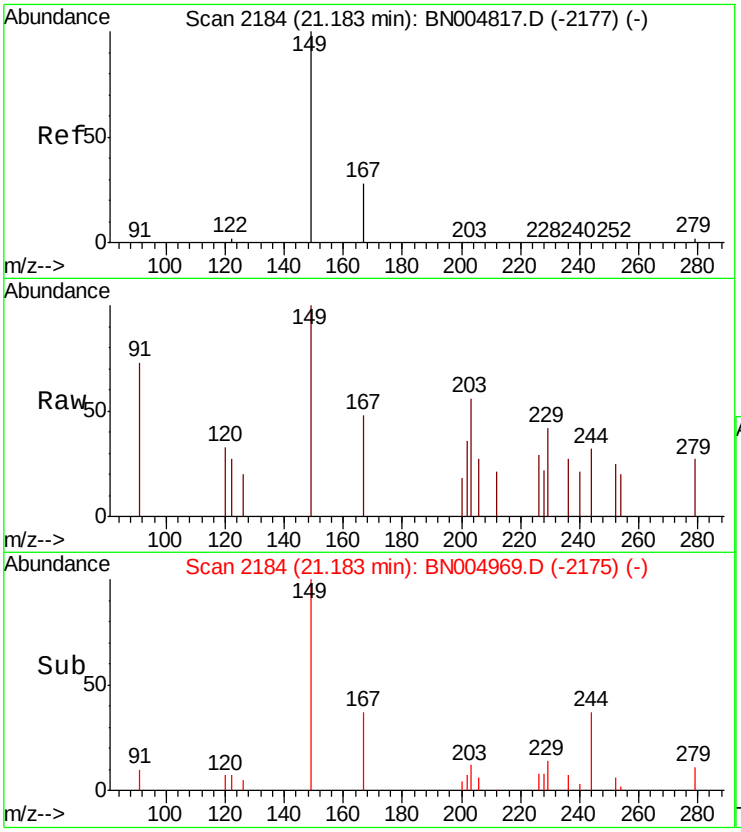


#31
Chrysene
Concen: 0.278 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:228 Resp: 17638

Ion	Ratio	Lower	Upper
228	100		
226	39.6	23.0	34.6#
229	39.1	16.2	24.2#



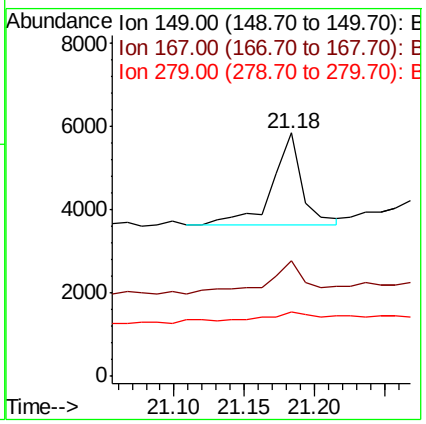


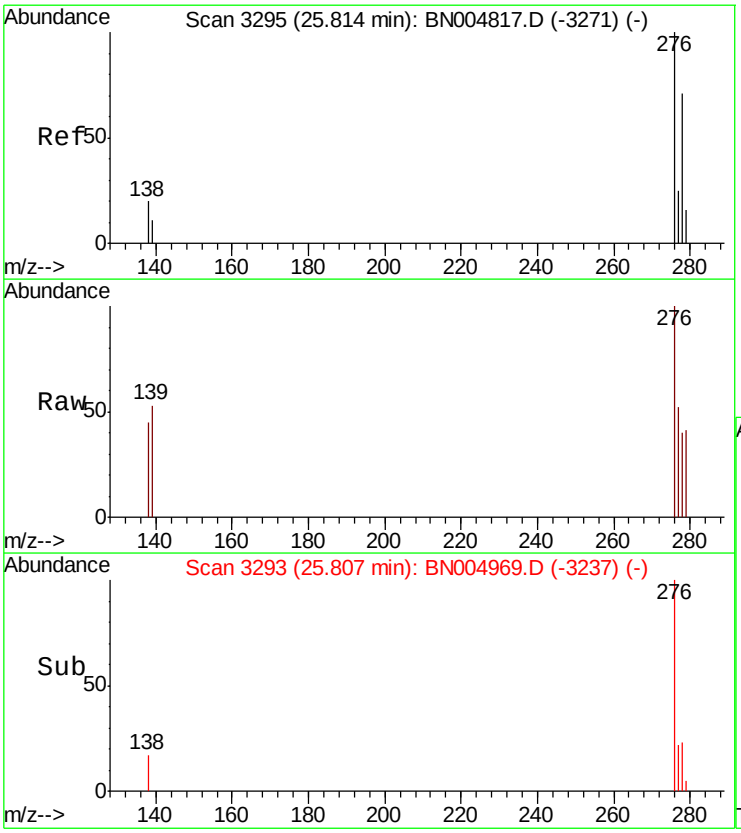
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:149 Resp: 3361

Ion	Ratio	Lower	Upper
149	100		
167	45.5	23.0	34.4#
279	12.8	4.6	6.8#

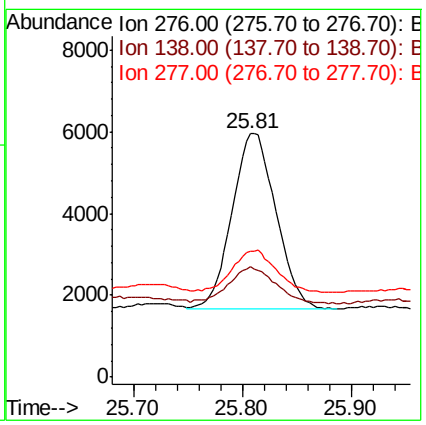


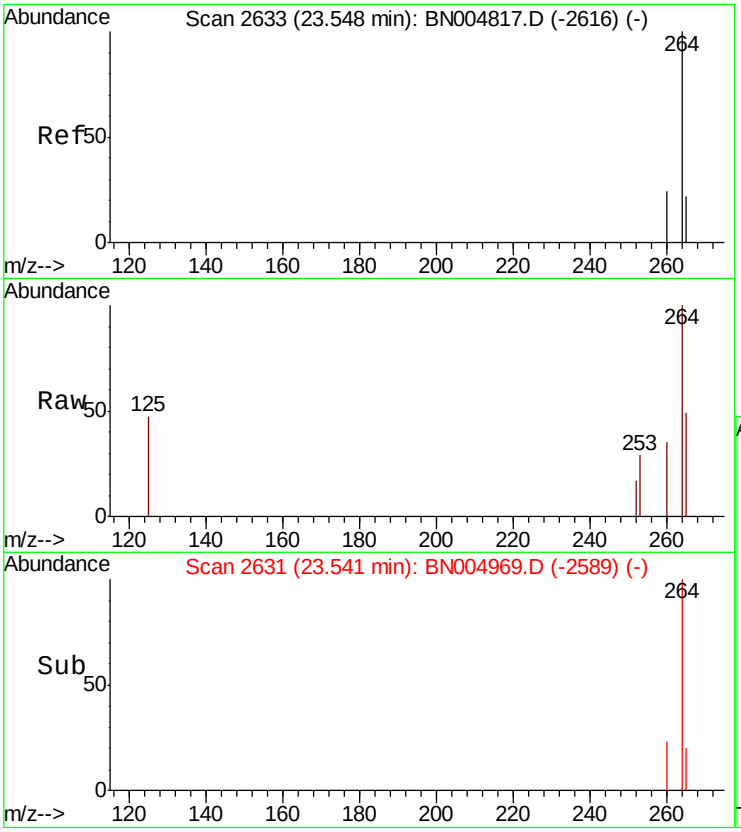


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:276 Resp: 12006

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.6	24.8
277	24.9	20.3	30.5



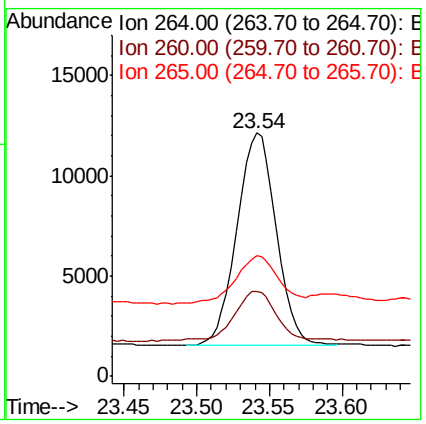


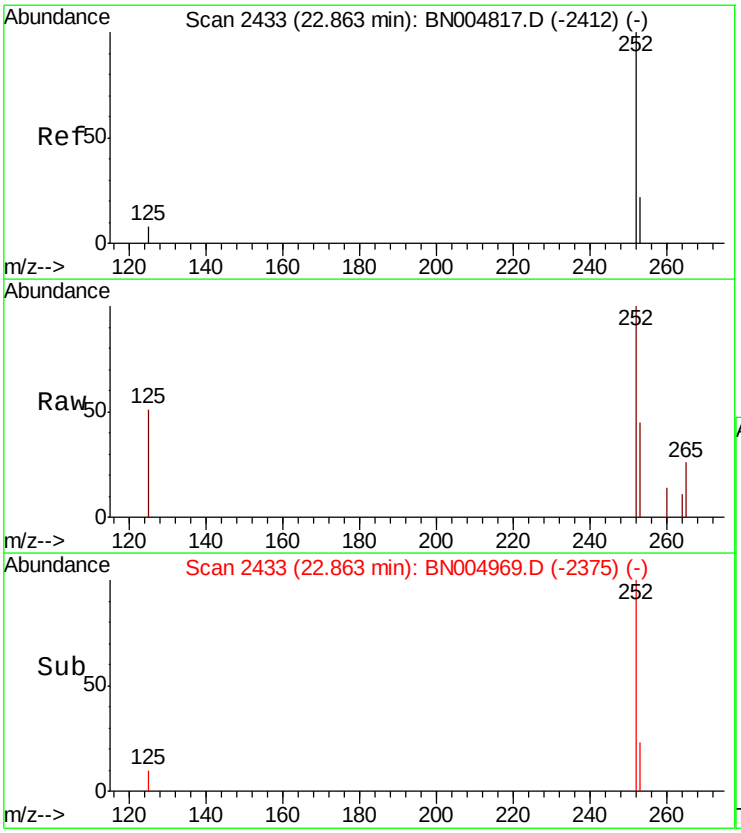
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:264 Resp: 20072

Ion	Ratio	Lower	Upper
264	100		
260	35.1	19.5	29.3#
265	49.5	23.1	34.7#

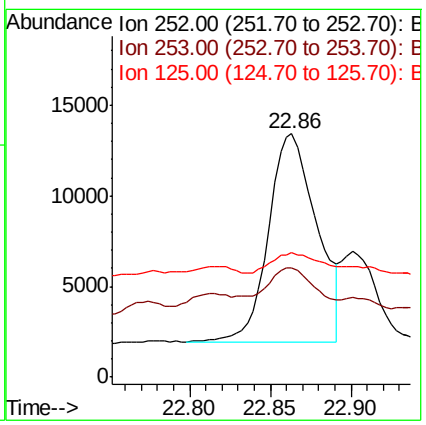


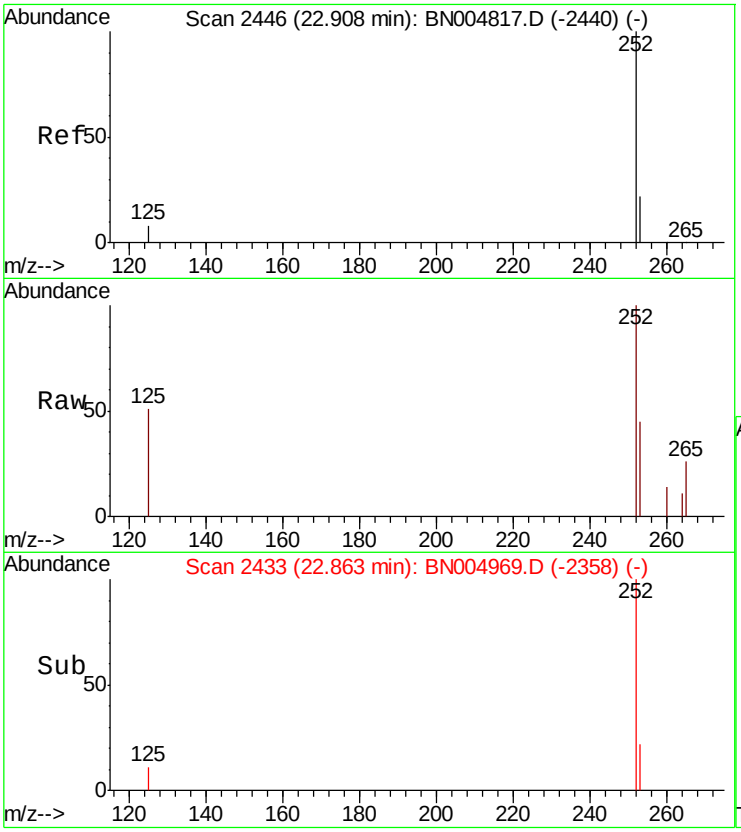


#35
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:252 Resp: 23892

Ion	Ratio	Lower	Upper
252	100		
253	44.7	19.0	28.4#
125	50.9	7.4	11.2#



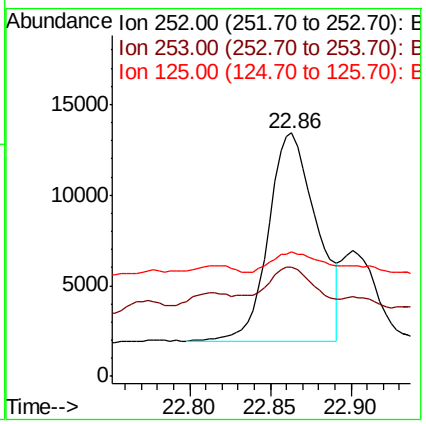


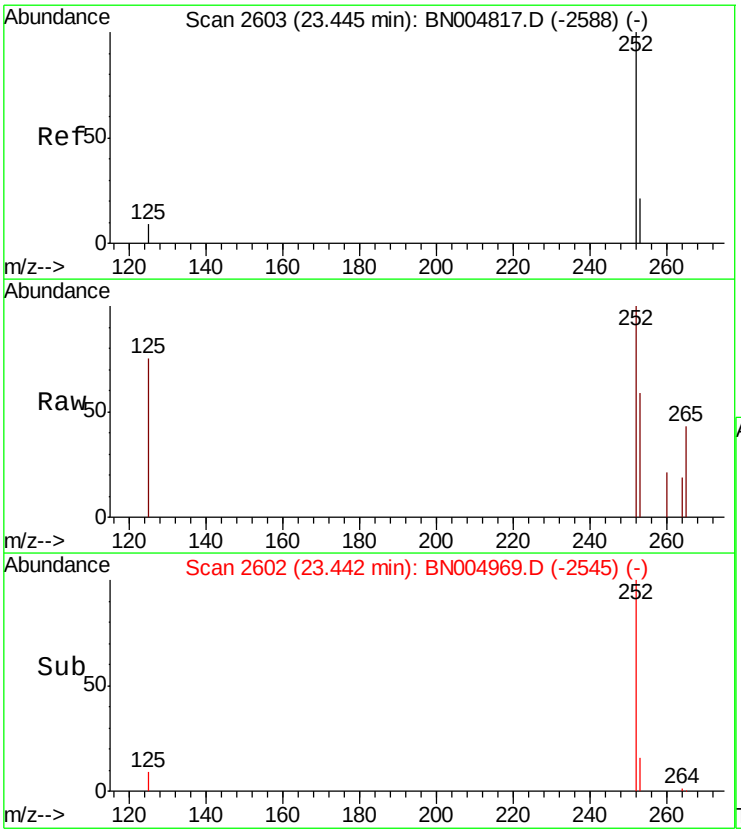
#36
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:252 Resp: 23892

Ion	Ratio	Lower	Upper
252	100		
253	44.7	19.3	28.9#
125	50.9	7.4	11.0#

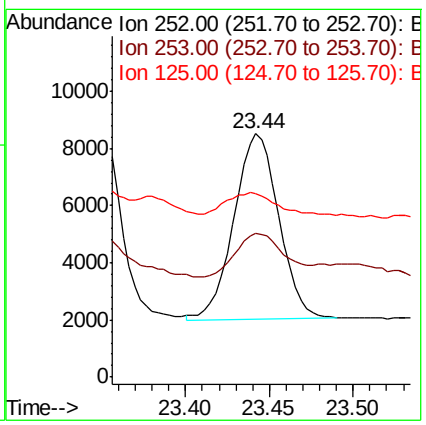


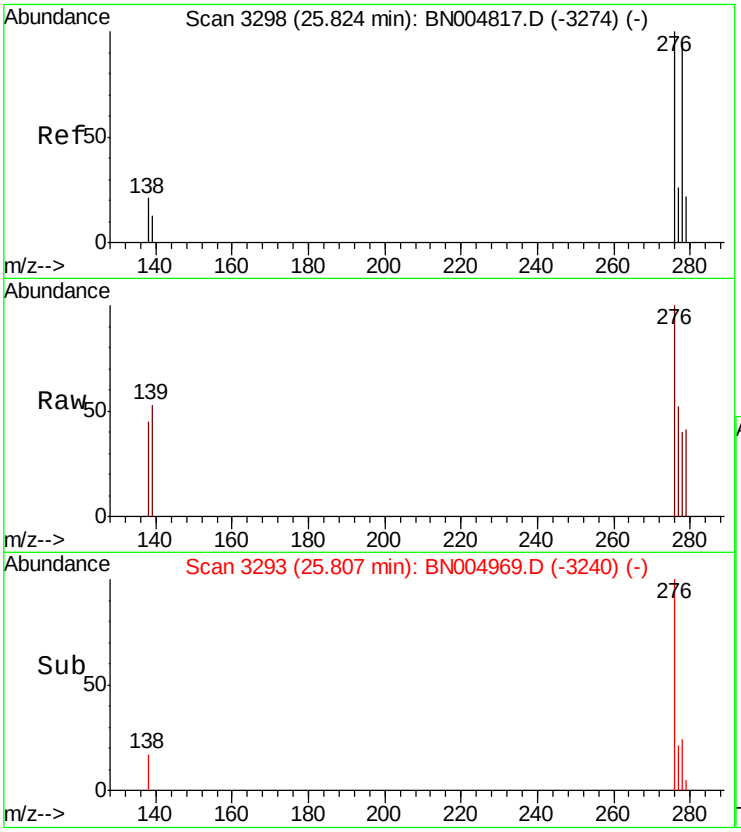


#37
Benzo(a)pyrene
Concen: 0.181 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:252 Resp: 12078

Ion	Ratio	Lower	Upper
252	100		
253	59.0	19.7	29.5#
125	75.3	8.3	12.5#



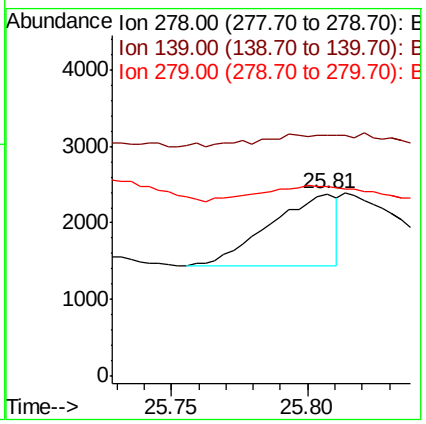


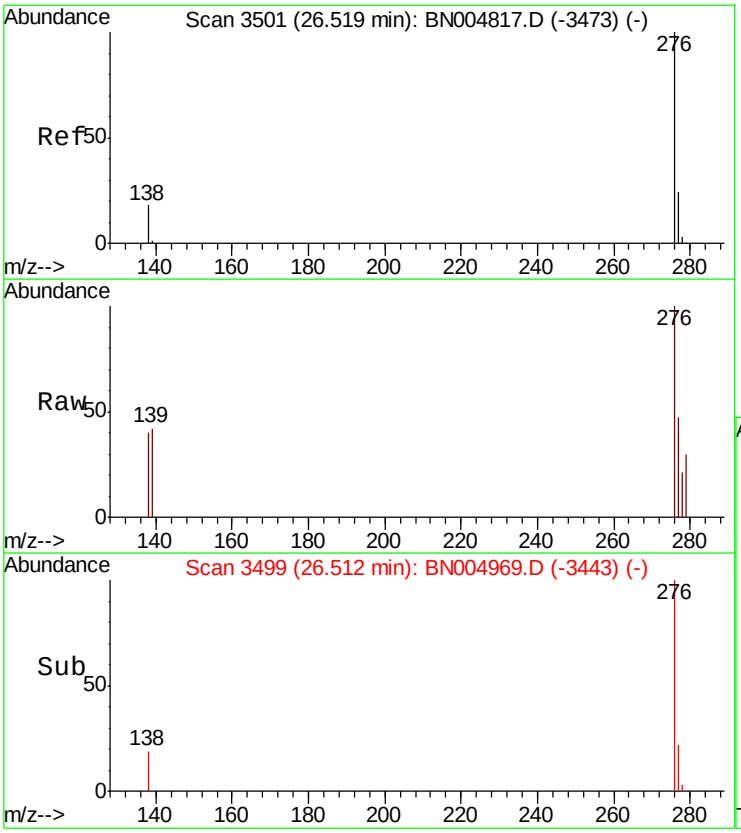
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-025-B030-031919

Tgt Ion:278 Resp: 1606

Ion	Ratio	Lower	Upper
278	100		
139	131.8	11.7	17.5#
279	103.7	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.214 ng
RT: 26.51 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BN004969.D
Acq: 25 Mar 2019 20:04

Tgt Ion:276 Resp: 16782

Ion	Ratio	Lower	Upper
276	100		
277	47.3	19.7	29.5#
138	40.0	14.6	22.0#