Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
Data File : BN004906.D
Acq On : 23 Mar 2019 03:51
Operator : JU/SJ
Sample : K2013-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-B022-031819

Quant Time: Mar 23 04:40:47 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	4271	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	18689	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	10791	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	25975	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	32893	0.40	ng		-0.01
34) Perylene-d12	23.53	264	34525	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	5231	0.45	ng		0.00
5) Phenol-d6	6.86	99	7486	0.52	ng		-0.02
8) Nitrobenzene-d5	8.86	82	4816	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	10926	0.34	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	3815	0.51	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	18241	0.41	ng		-0.01
25) Fluoranthene-d10	19.12	212	27817	0.32	ng		-0.01
29) Terphenyl-d14	19.72	244	28369	0.42	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.53	128	1304	0.025	ng	#	85
12) 2-Methylnaphthalene	12.14	142	861	0.022	ng	#	93
16) Acenaphthylene	14.05	152	5533	0.100	ng		99
18) Fluorene	15.38	166	1221	0.024	ng	#	84
23) Phenanthrene	17.12	178	24004	0.286	ng		99
24) Anthracene	17.22	178	4045	0.054	ng		97
26) Fluoranthene	19.15	202	42954	0.399	ng		98
28) Pyrene	19.51	202	48188	0.480	ng		97
30) Benzo(a)anthracene	21.26	228	23437	0.217	ng		94
31) Chrysene	21.31	228	26338	0.232	ng		95
32) Bis(2-ethylhexyl)phthalate	21.17	149	8166	0.189	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	15546	0.095	ng		98
35) Benzo(b)fluoranthene	22.85	252	34486	0.276	ng	#	64
36) Benzo(k)fluoranthene	22.85	252	34486	0.281	ng	#	65
37) Benzo(a)pyrene	23.43	252	23919	0.209	ng	#	94
38) Dibenzo(a,h)anthracene	25.79	278	4405	0.033	ng	#	40
39) Benzo(g,h,i)perylene	26.49	276	16339	0.121	ng	#	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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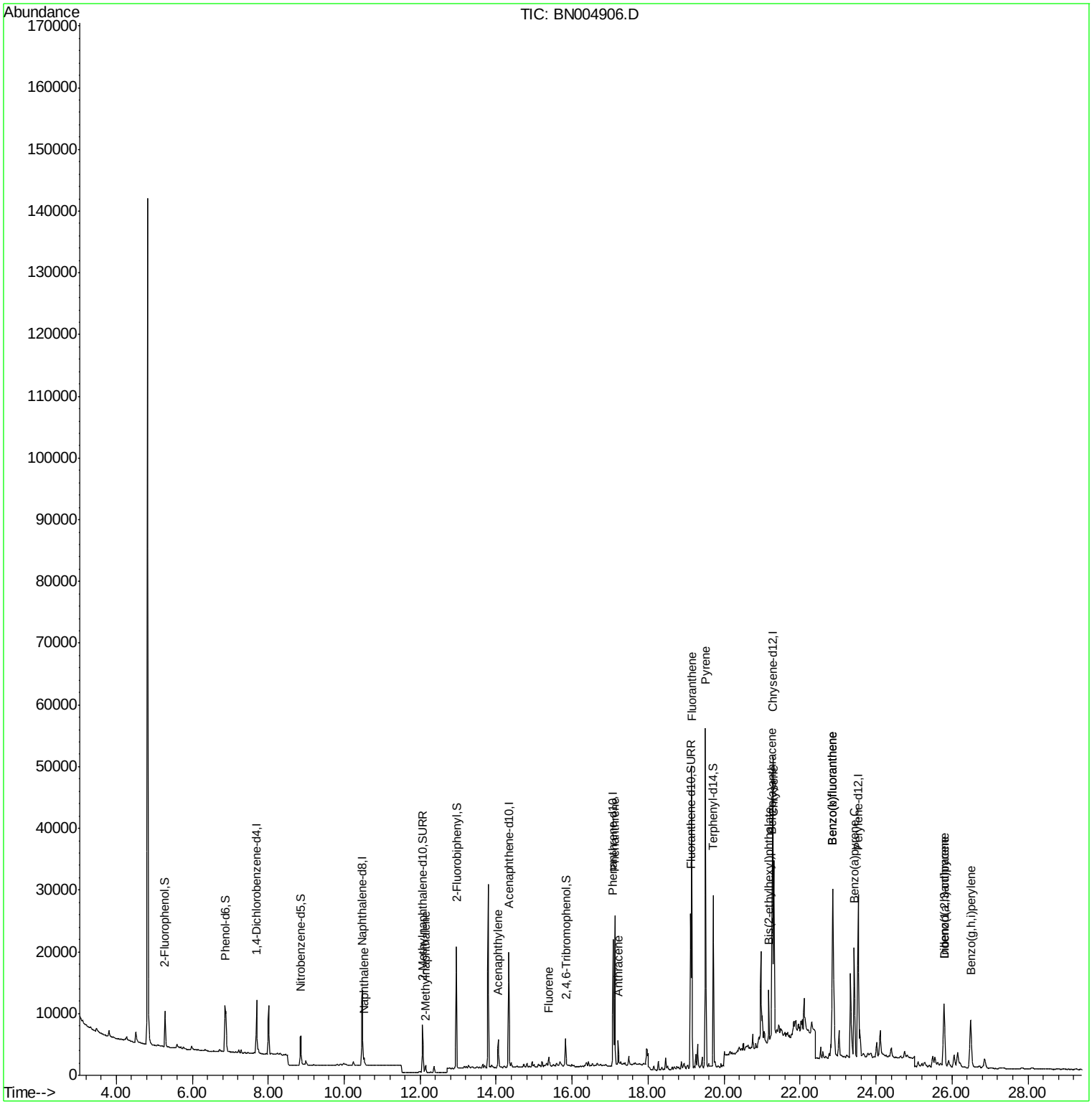
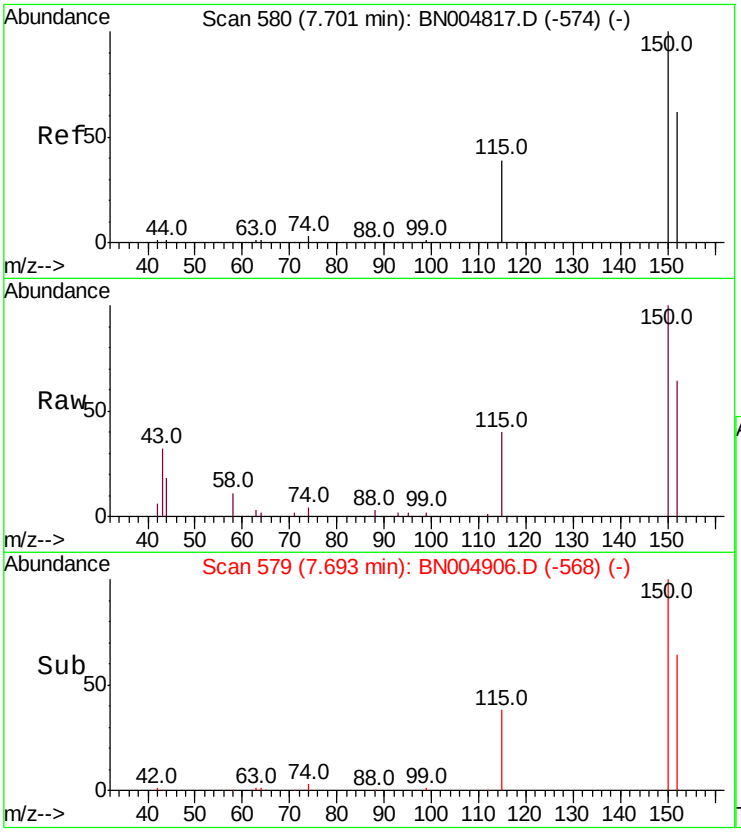


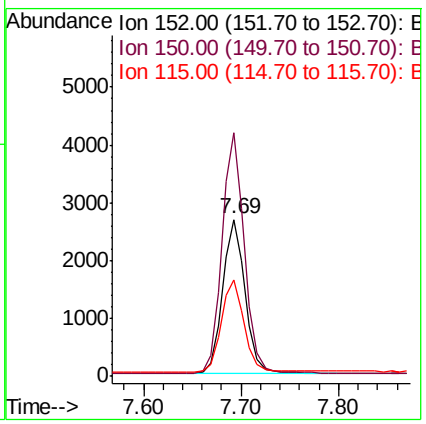


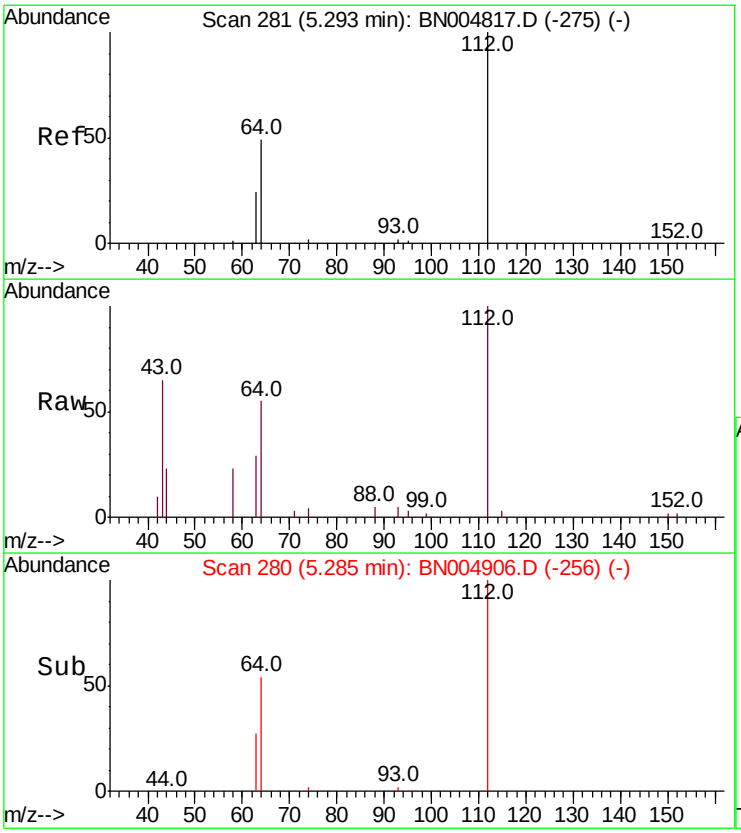
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:152 Resp: 4271

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.4
115	61.8	52.6	79.0

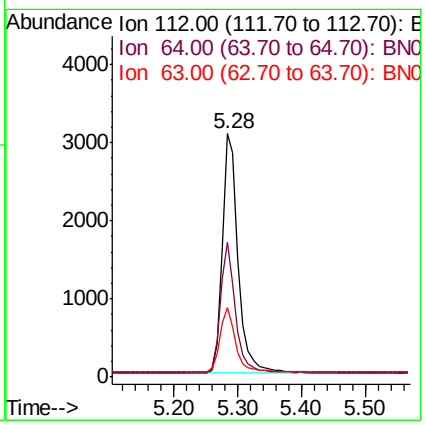


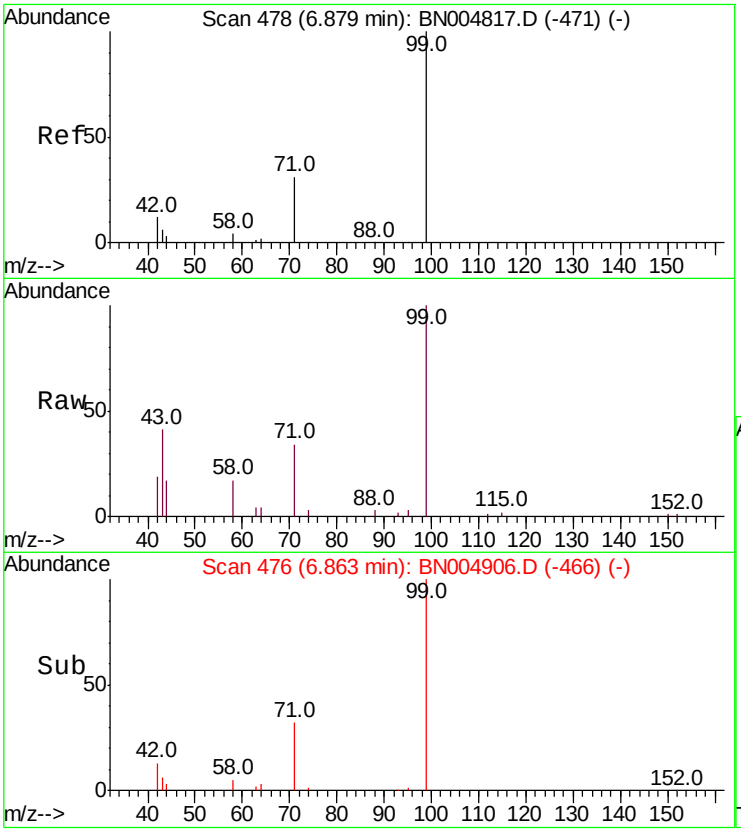


#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:112 Resp: 5231

Ion	Ratio	Lower	Upper
112	100		
64	51.6	40.0	60.0
63	26.3	20.2	30.2



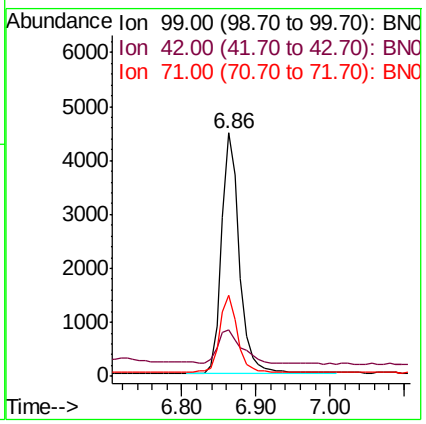


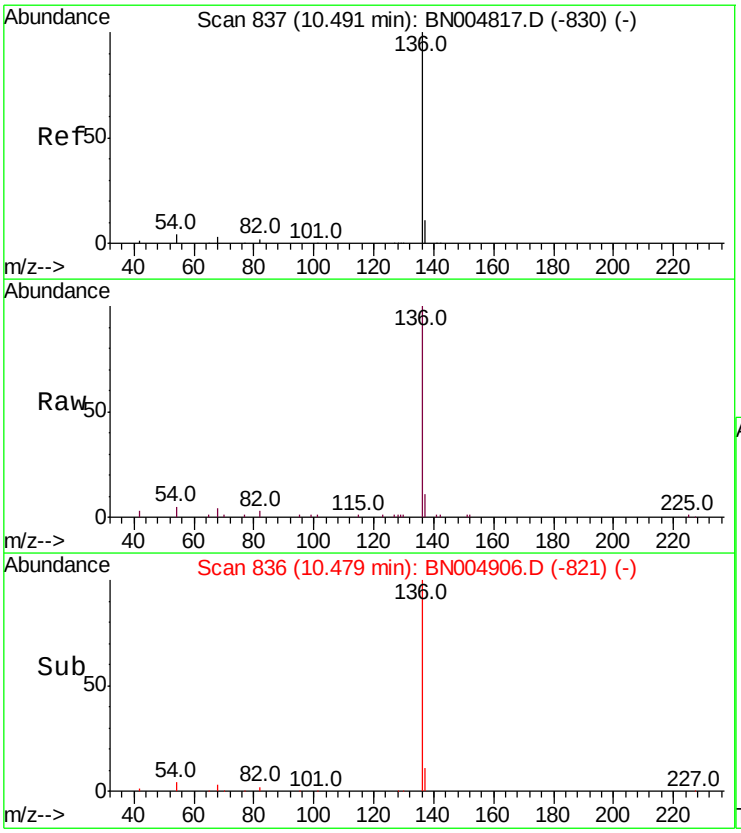
#5
Phenol-d6
Concen: 0.518 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion: 99 Resp: 7486

Ion	Ratio	Lower	Upper
99	100		
42	18.8	12.7	19.1
71	32.1	26.6	40.0

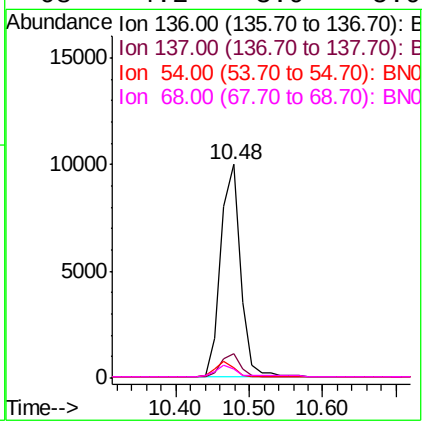


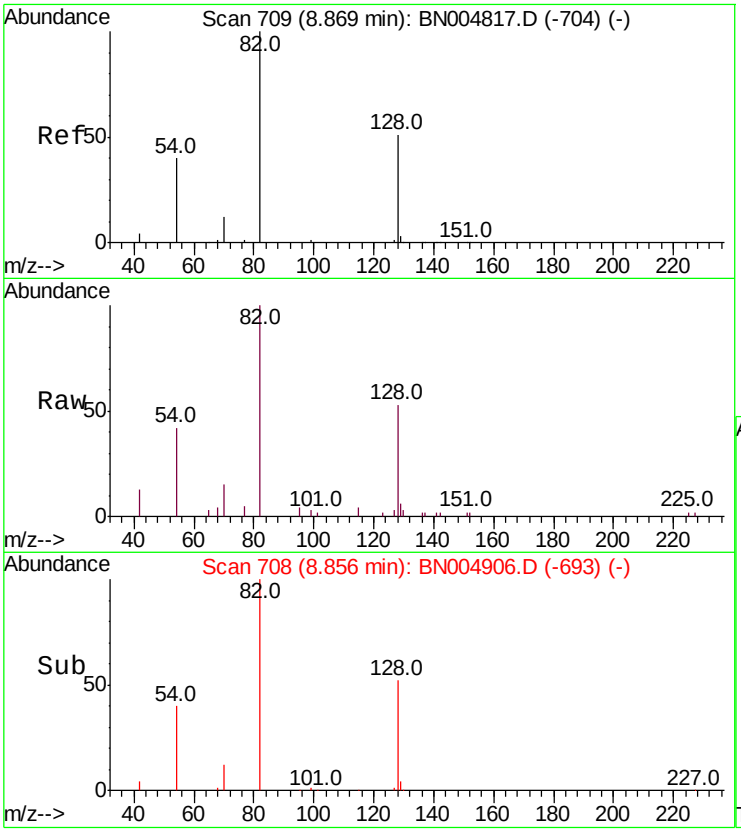


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:136 Resp: 18689

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	4.8	4.2	6.2
68	4.2	3.9	5.9



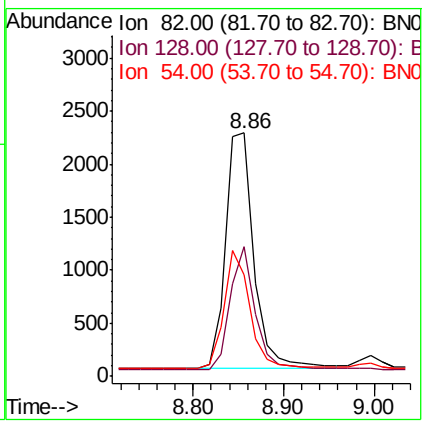


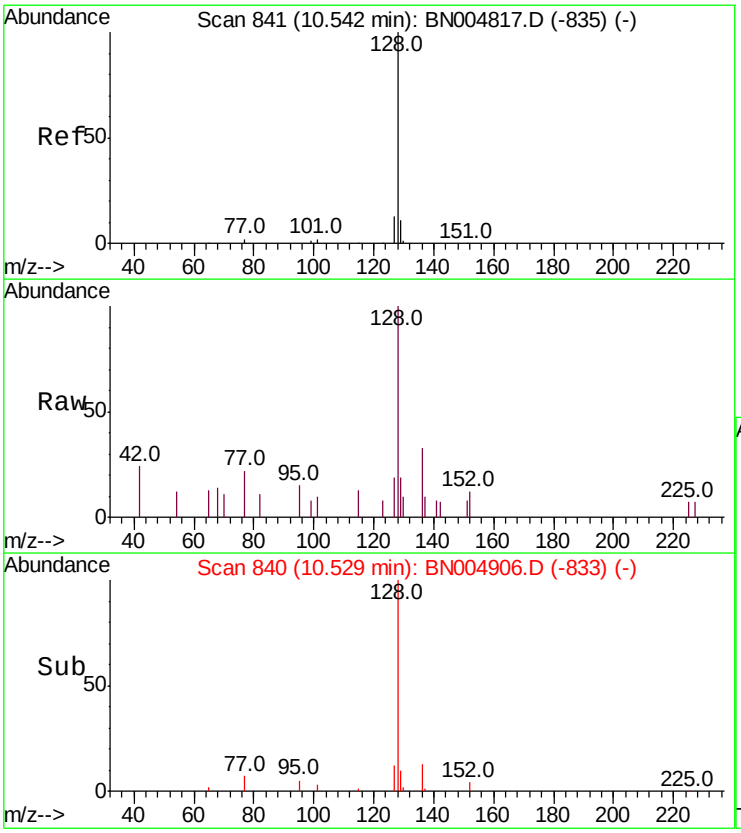
#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion: 82 Resp: 4816

Ion	Ratio	Lower	Upper
82	100		
128	53.4	43.0	64.6
54	41.8	35.3	52.9

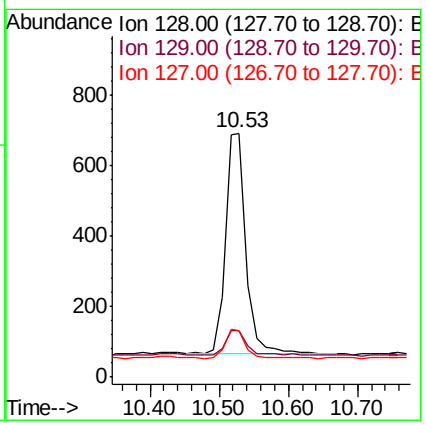


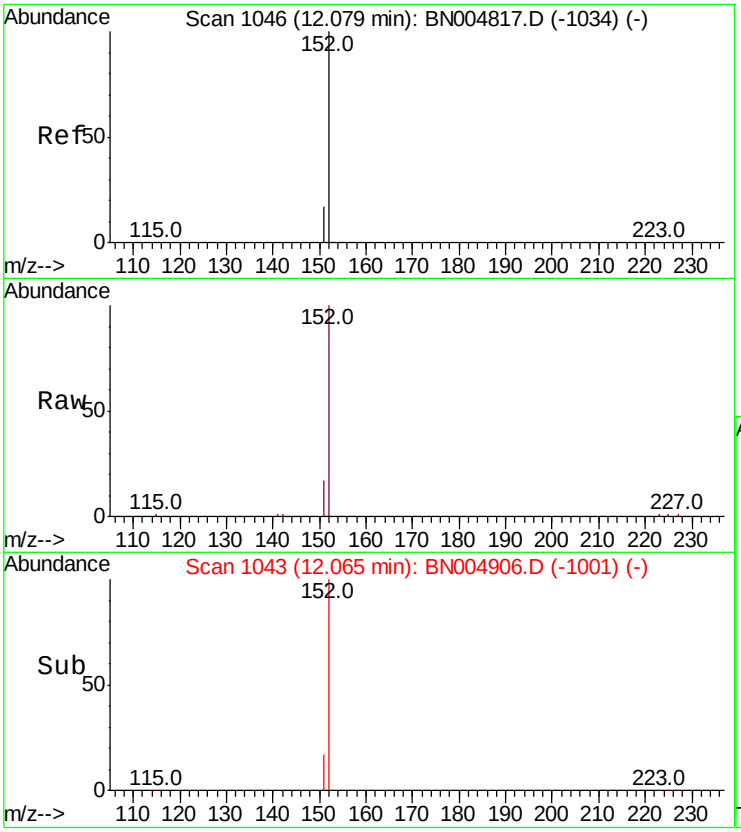


#9
Naphthalene
Concen: 0.025 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:128 Resp: 1304

Ion	Ratio	Lower	Upper
128	100		
129	19.0	9.9	14.9#
127	19.2	11.3	16.9#



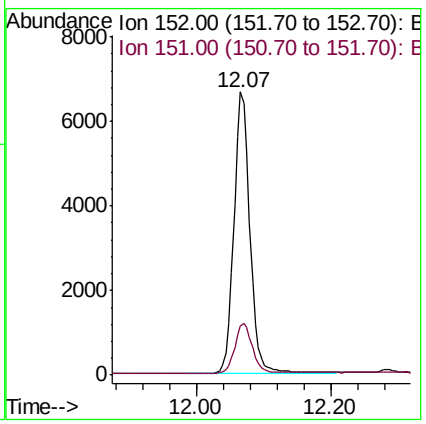


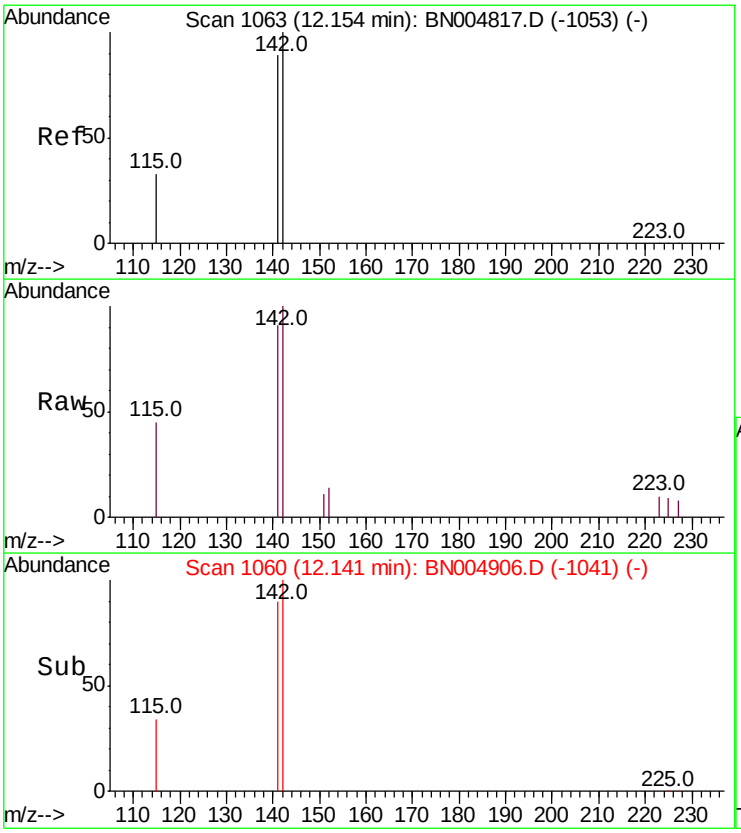
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:152 Resp: 10926

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

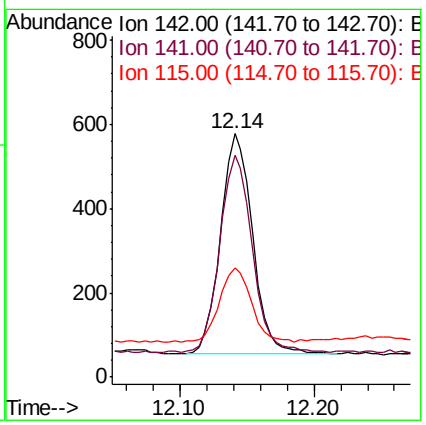


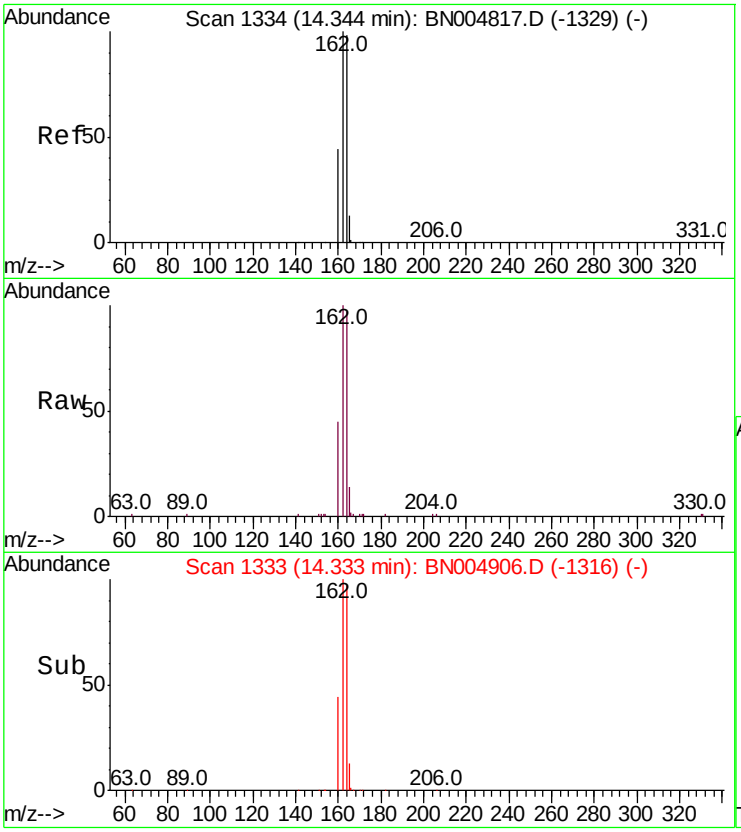


#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:142 Resp: 861

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.4	107.2
115	45.0	27.5	41.3#



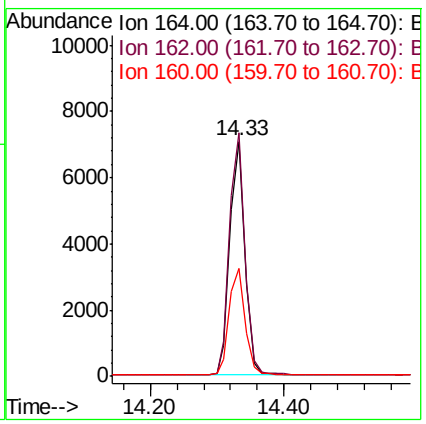


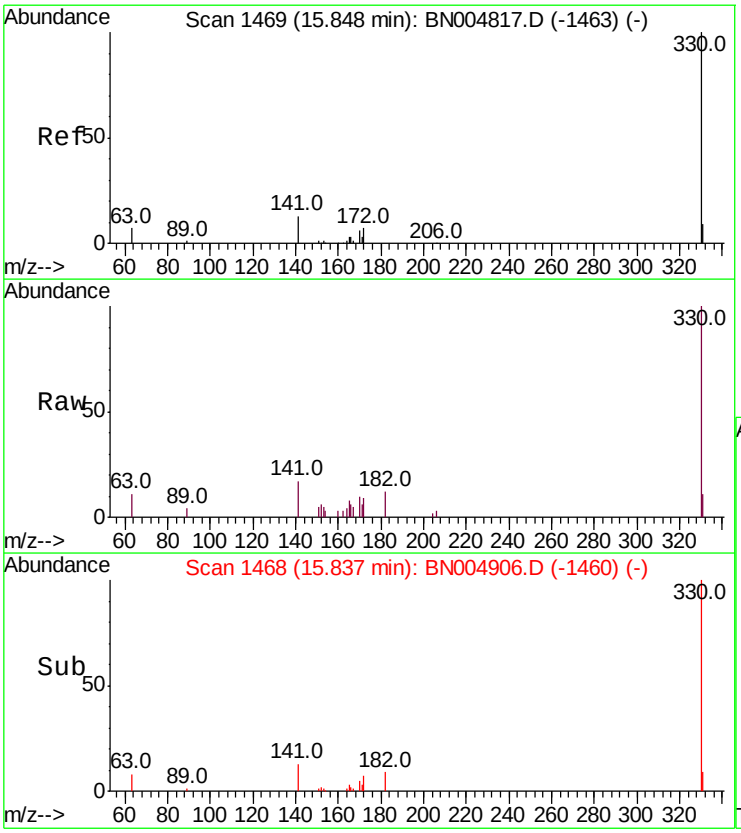
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:164 Resp: 10791

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.9	122.9
160	46.1	36.6	54.8

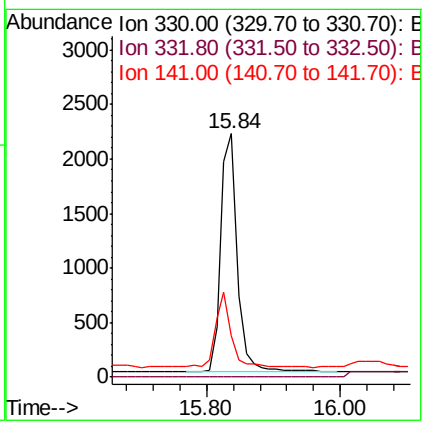


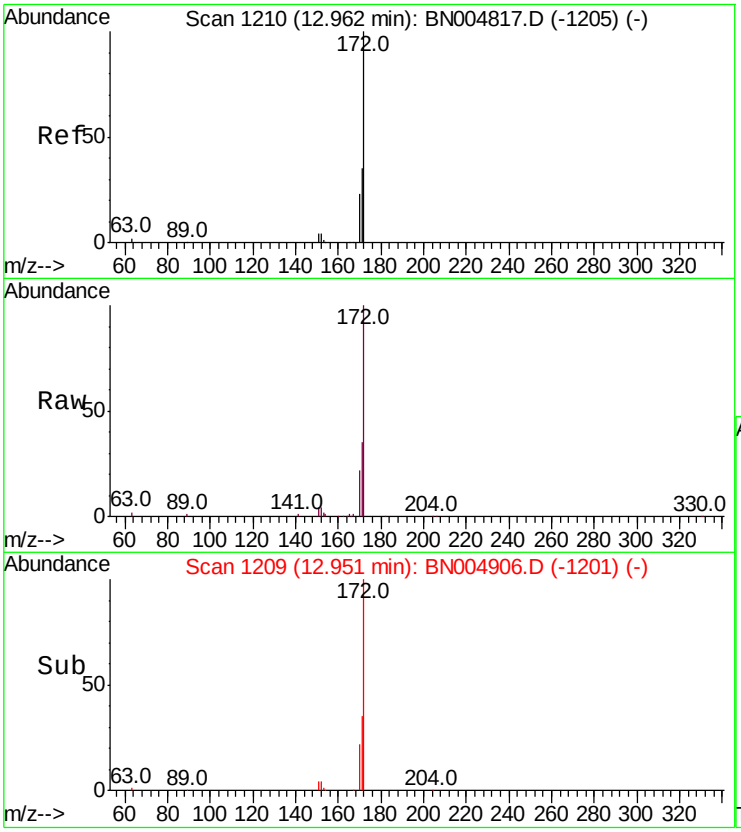


#14
2,4,6-Tribromophenol
Concen: 0.512 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:330 Resp: 3815

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.0	20.9	31.3



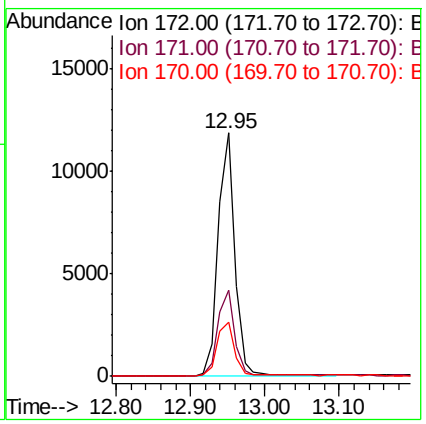


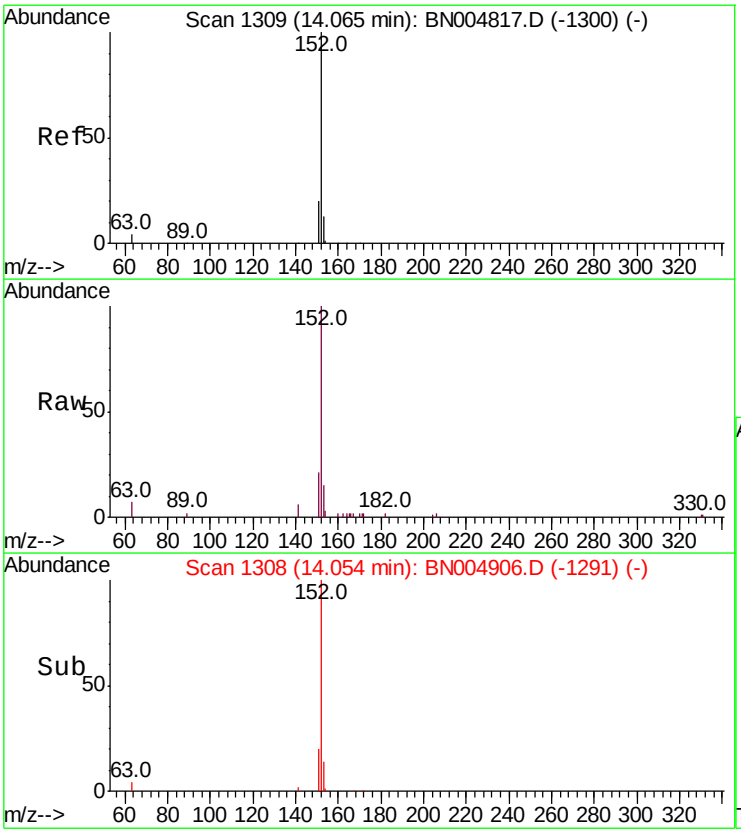
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:172 Resp: 18241

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.3	18.7	28.1

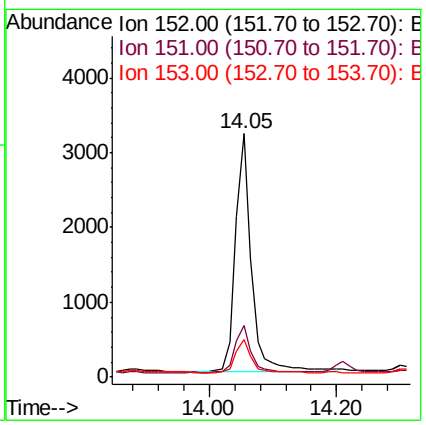


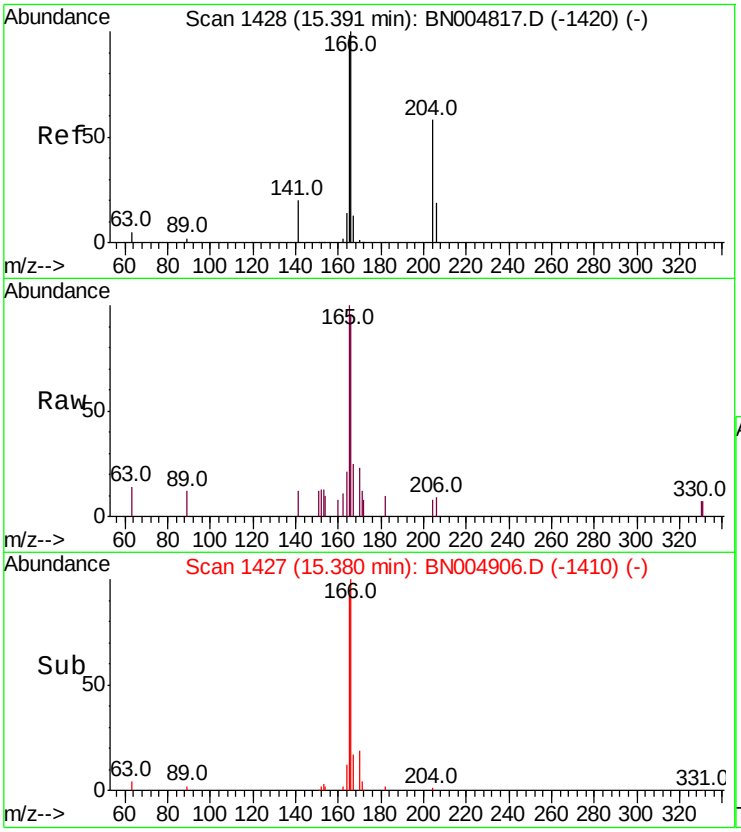


#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:152 Resp: 5533

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	14.0	10.5	15.7



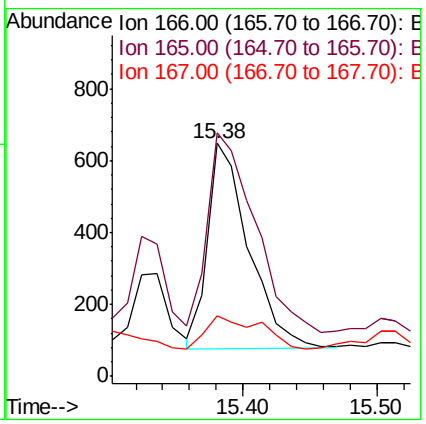


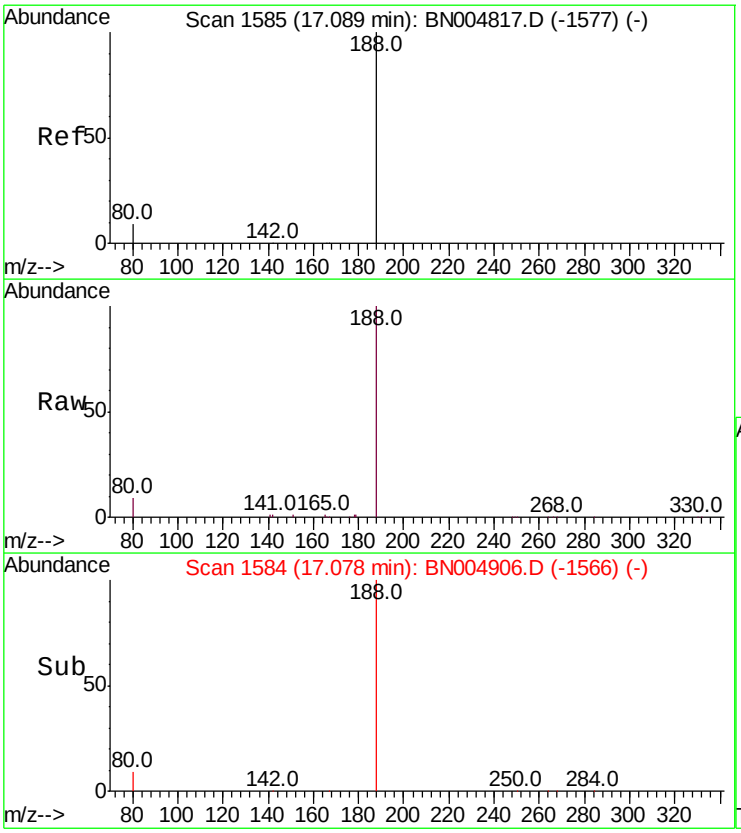
#18
Fluorene
Concen: 0.024 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:166 Resp: 1221

Ion	Ratio	Lower	Upper
166	100		
165	113.4	78.2	117.4
167	21.2	11.0	16.4#

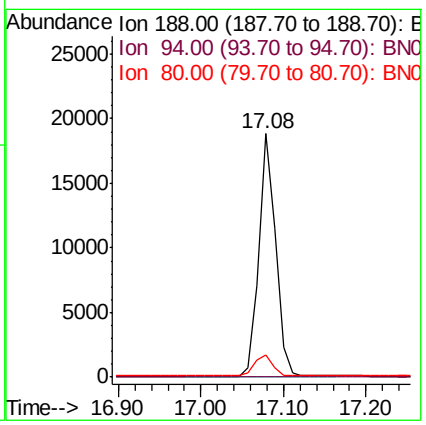


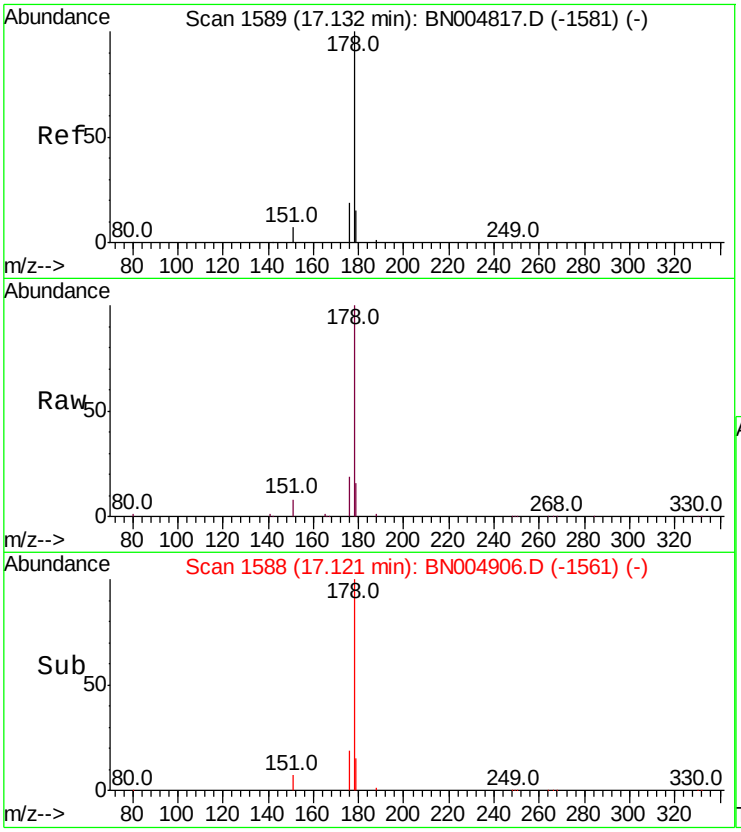


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:188 Resp: 25975

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2



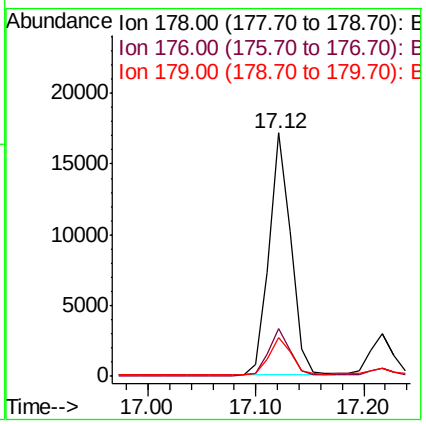


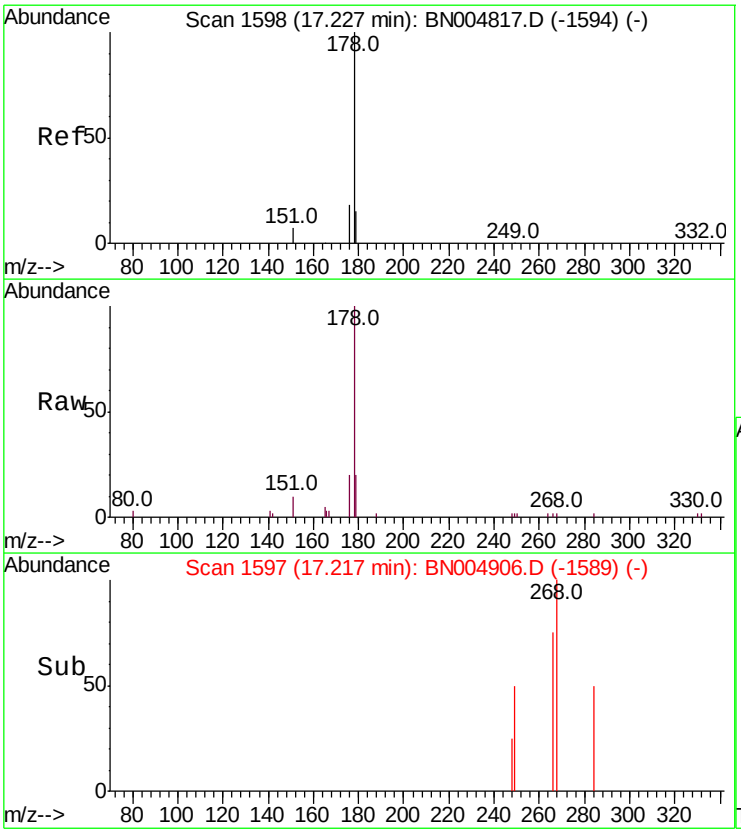
#23
Phenanthrene
Concen: 0.286 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:178 Resp: 24004

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.7	12.1	18.1

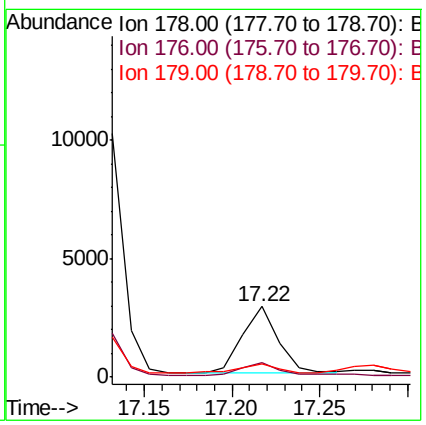


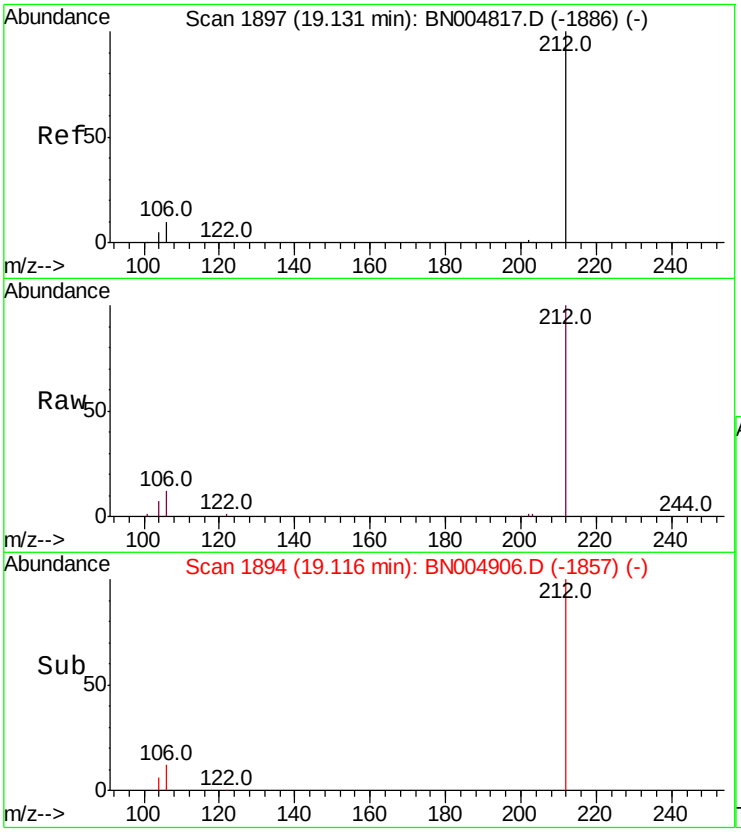


#24
Anthracene
Concen: 0.054 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:178 Resp: 4045

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.5	21.7
179	17.1	12.2	18.4



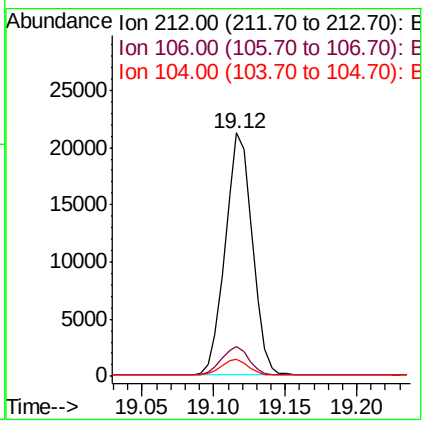


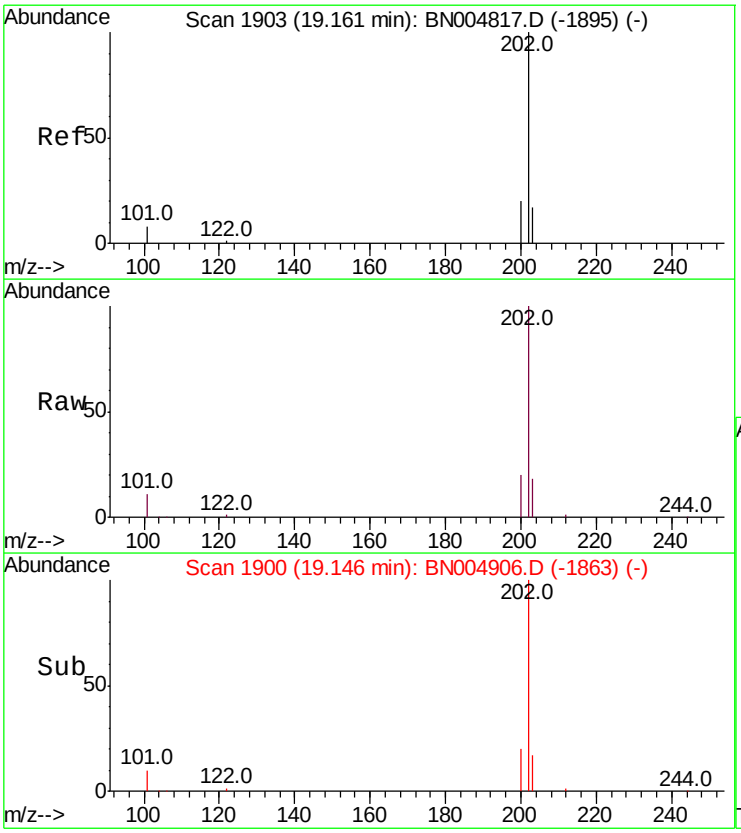
#25
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:212 Resp: 27817

Ion	Ratio	Lower	Upper
212	100		
106	11.8	8.6	13.0
104	6.7	4.7	7.1

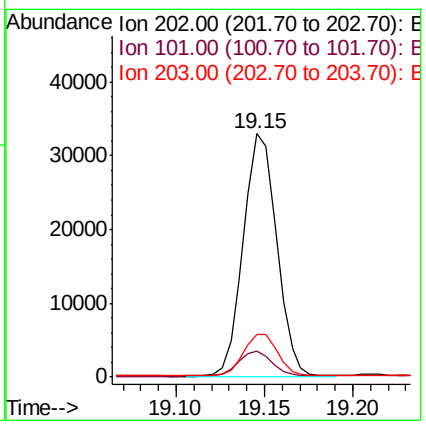


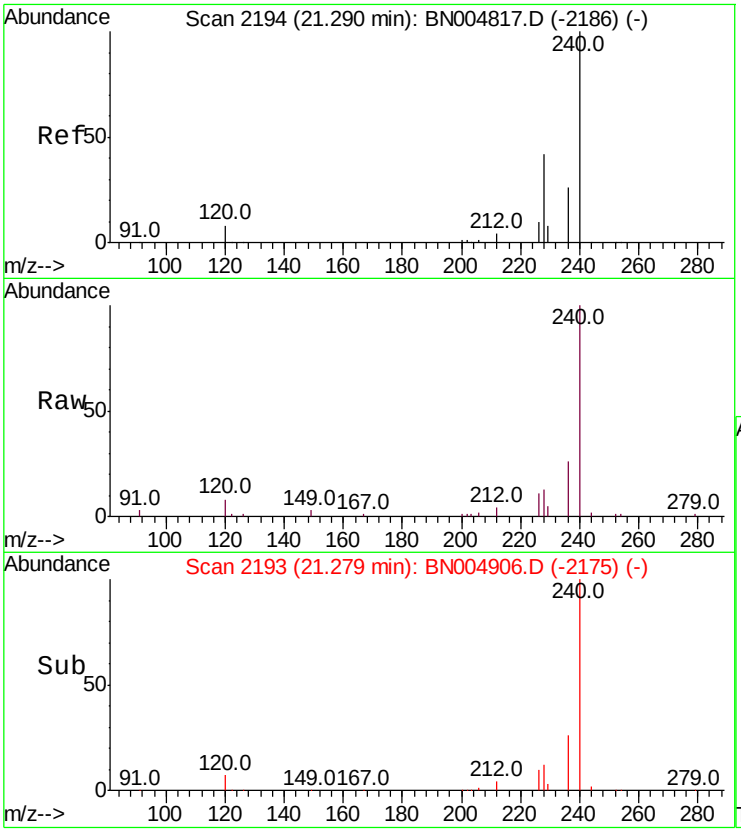


#26
Fluoranthene
Concen: 0.399 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:202 Resp: 42954

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.5	11.3
203	17.7	13.8	20.6



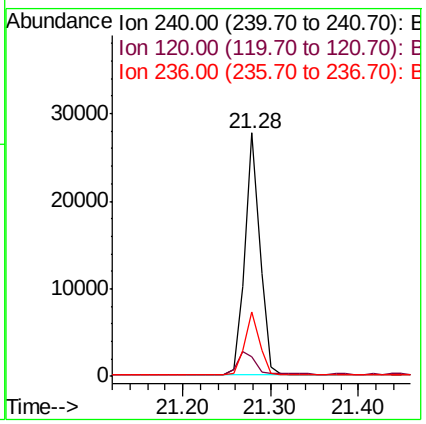


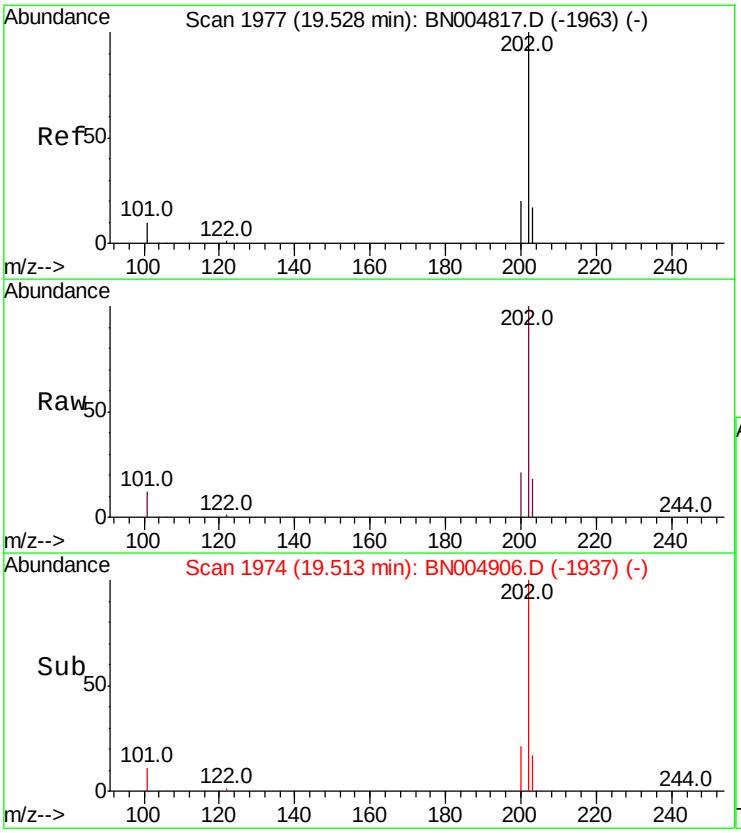
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:240 Resp: 32893

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.2	10.8
236	26.4	20.9	31.3

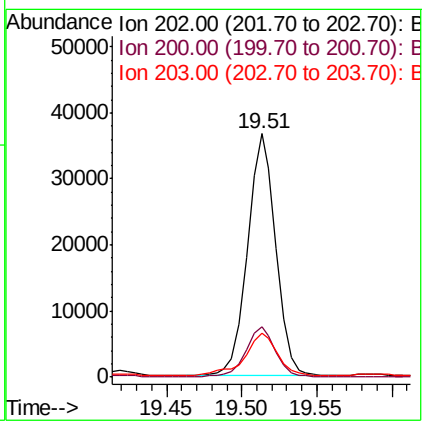


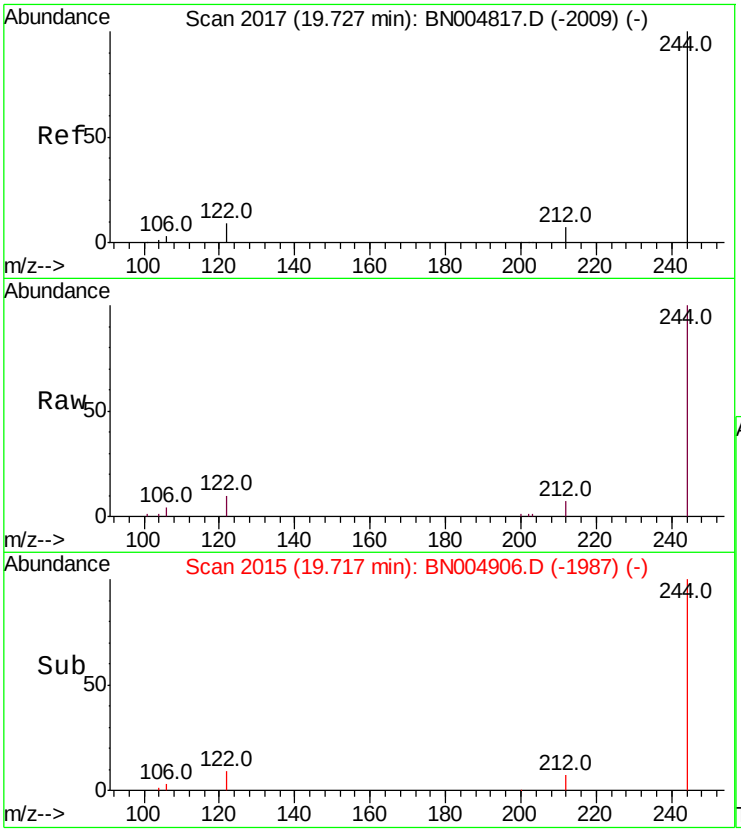


#28
Pyrene
Concen: 0.480 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:202 Resp: 48188

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.4	14.0	21.0



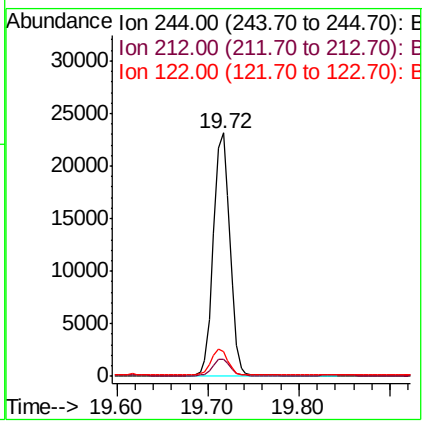


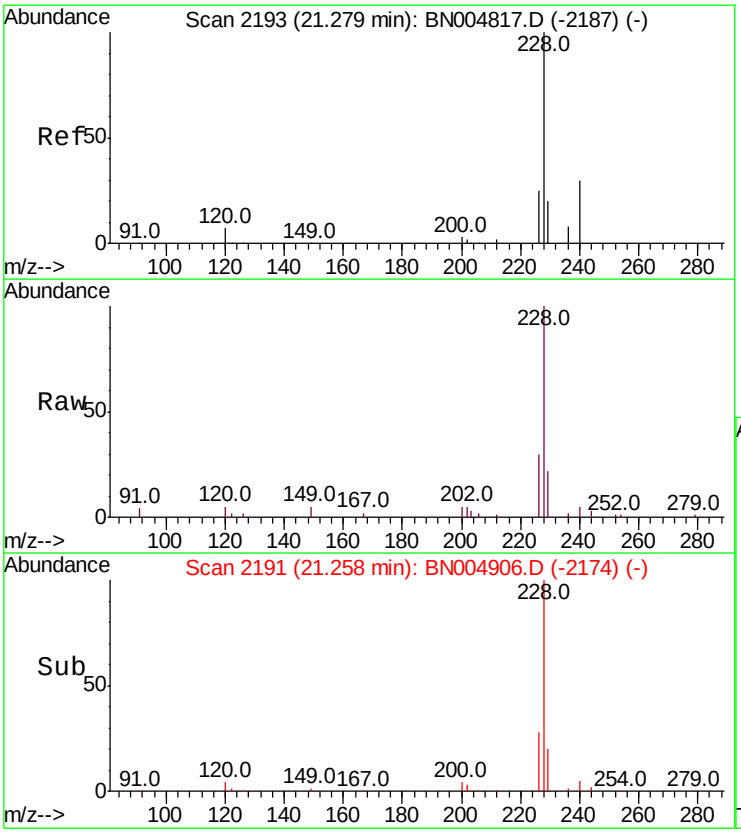
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:244 Resp: 28369

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.0	7.9	11.9

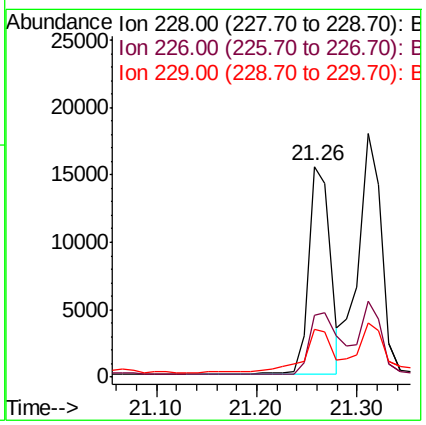


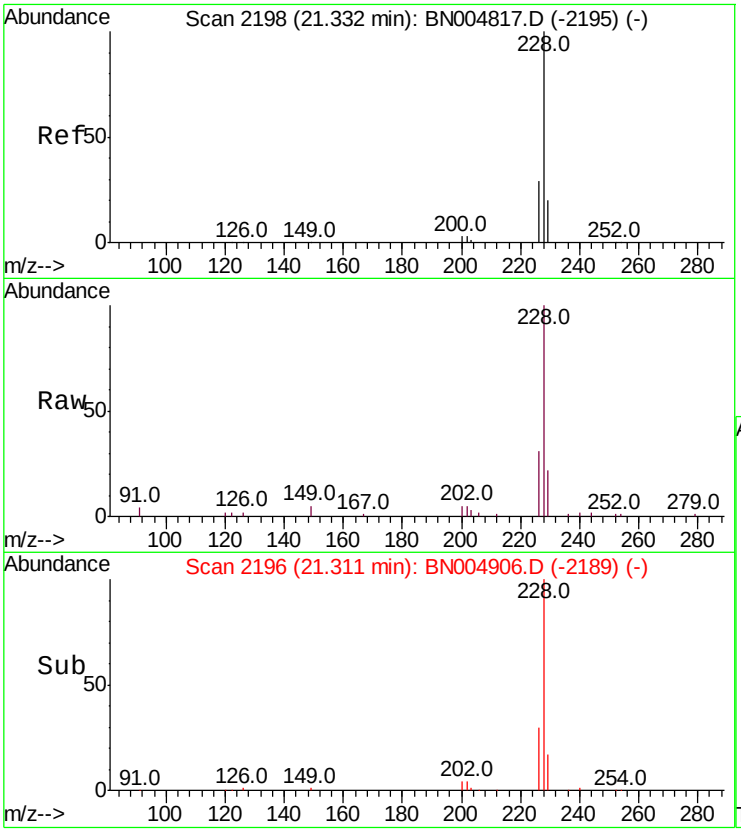


#30
Benzo(a)anthracene
Concen: 0.217 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:228 Resp: 23437

Ion	Ratio	Lower	Upper
228	100		
226	29.6	20.6	31.0
229	22.4	16.2	24.4



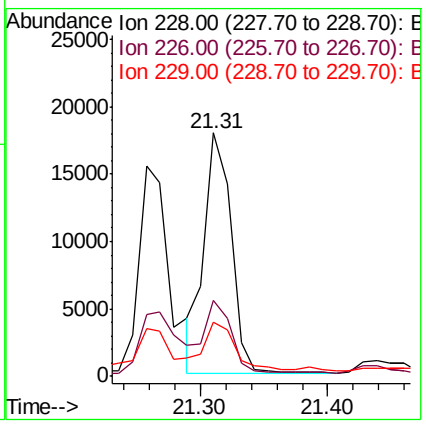


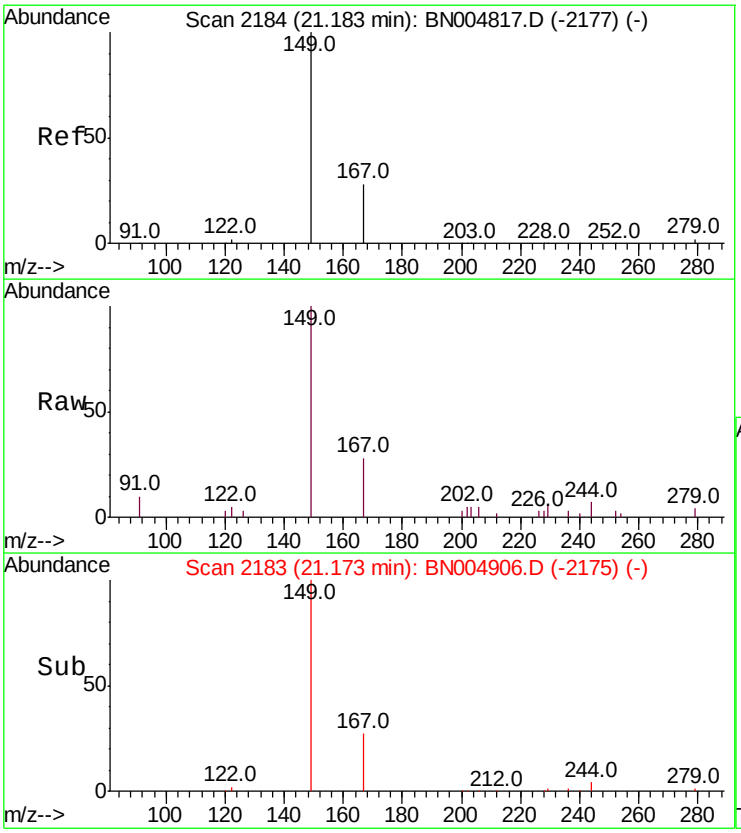
#31
Chrysene
Concen: 0.232 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:228 Resp: 26338

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.6
229	22.3	16.2	24.2

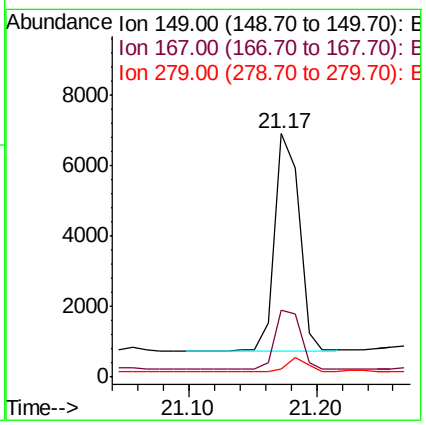


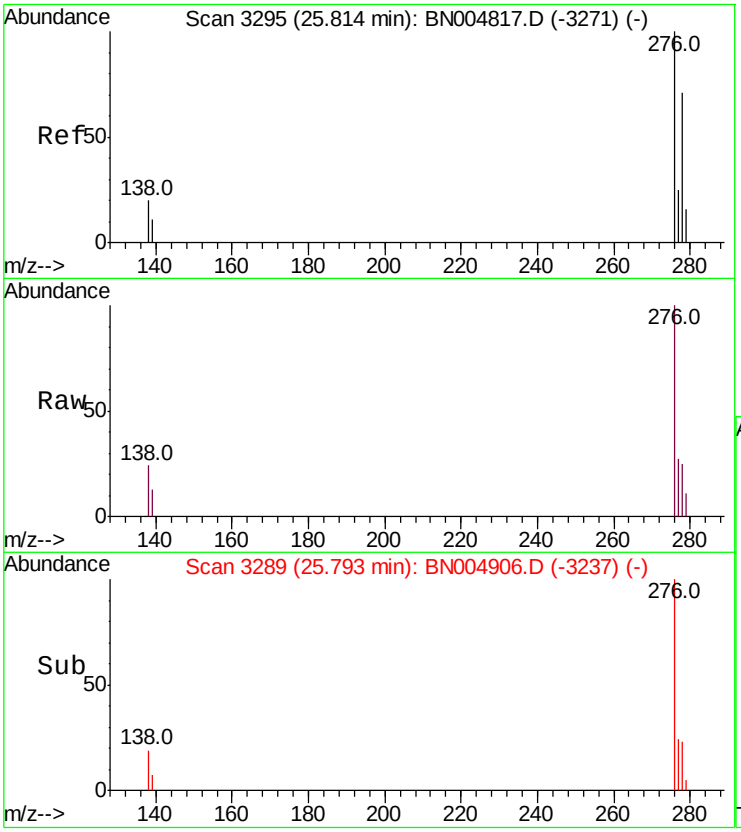


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.189 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:149 Resp: 8166

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.5	4.6	6.8



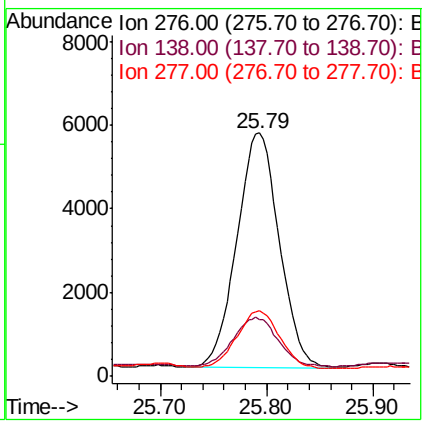


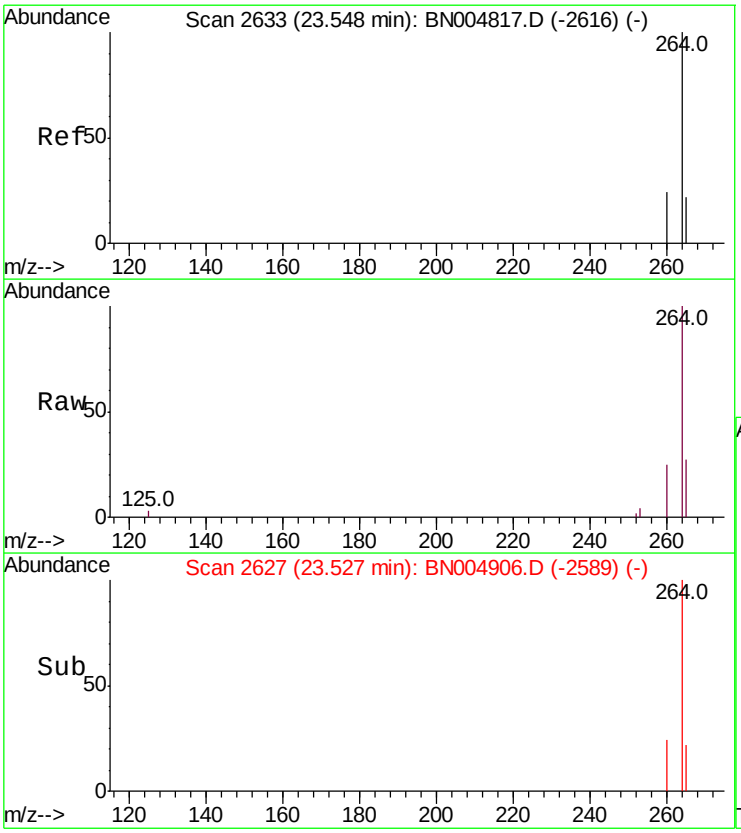
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:276 Resp: 15546

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.6	24.8
277	25.1	20.3	30.5

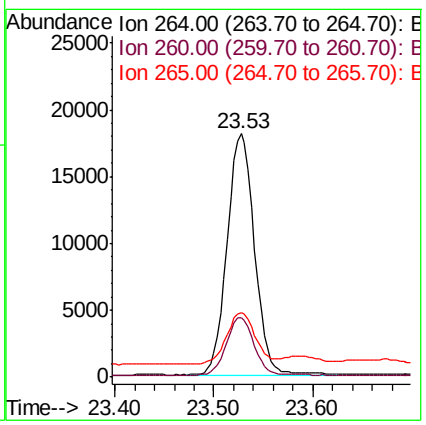


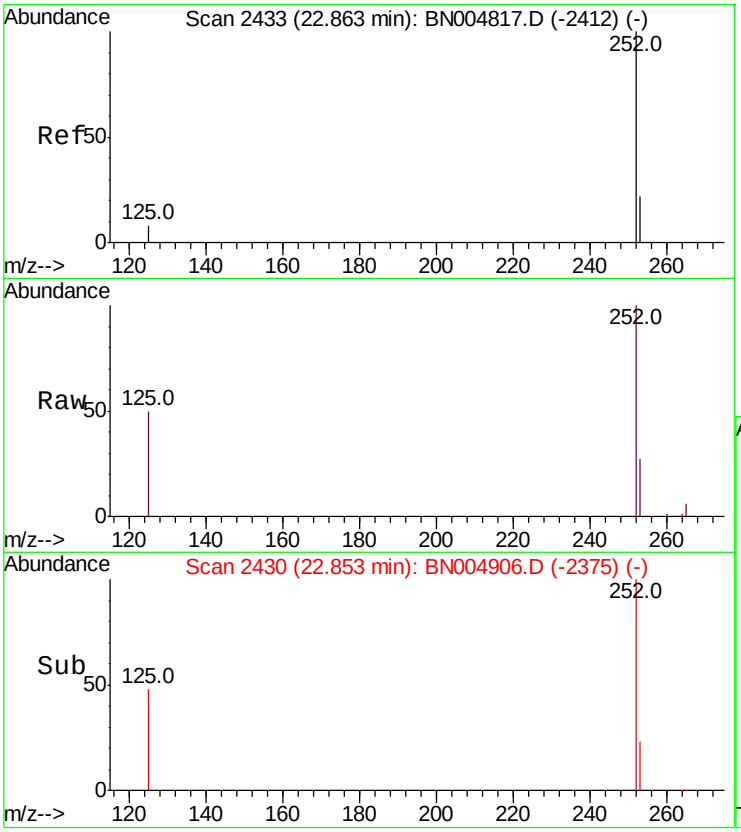


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:264 Resp: 34525

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	26.7	23.1	34.7



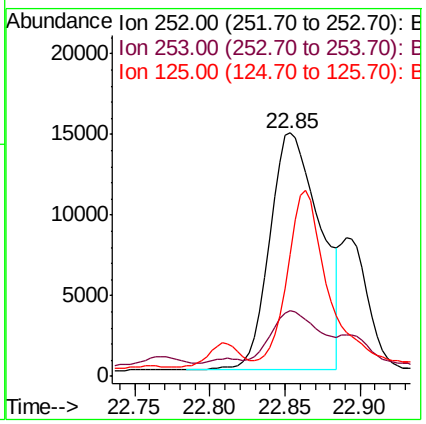


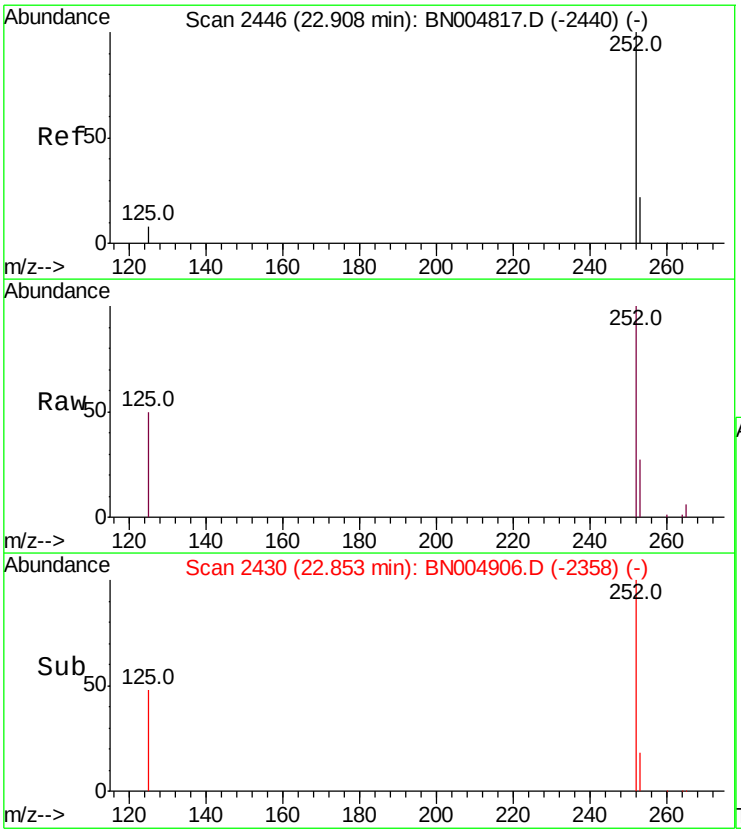
#35
Benzo(b)fluoranthene
Concen: 0.276 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:252 Resp: 34486

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.0	28.4
125	49.9	7.4	11.2#

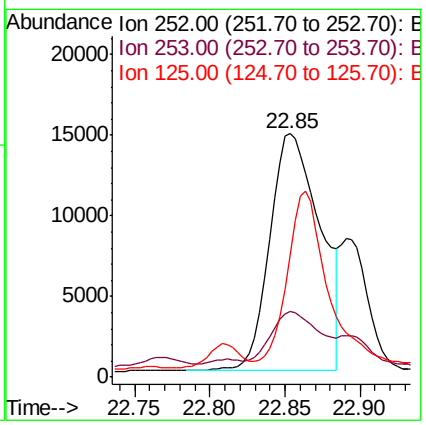


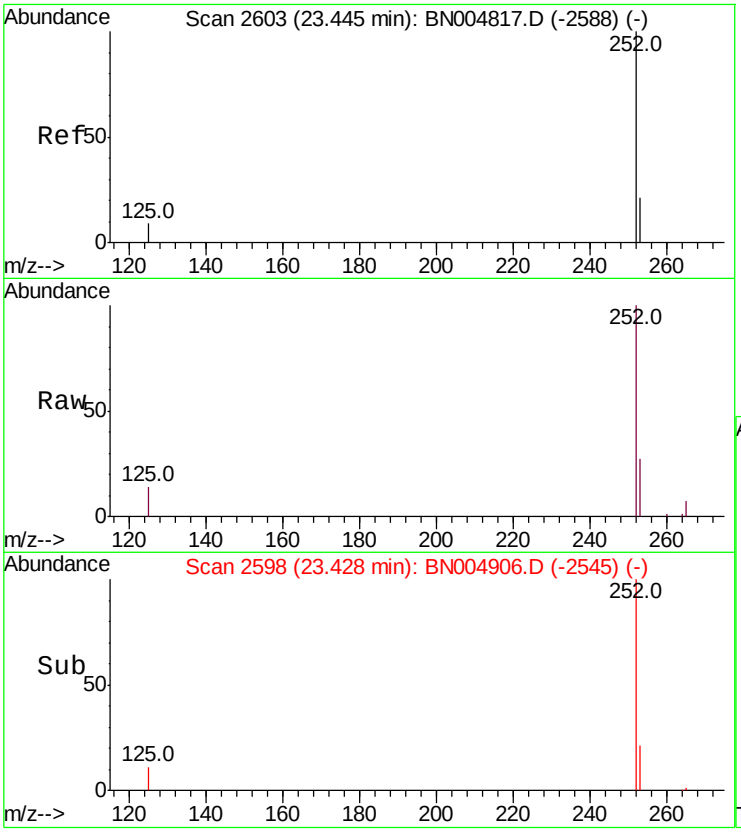


#36
Benzo(k)fluoranthene
Concen: 0.281 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:252 Resp: 34486

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.3	28.9
125	49.9	7.4	11.0#



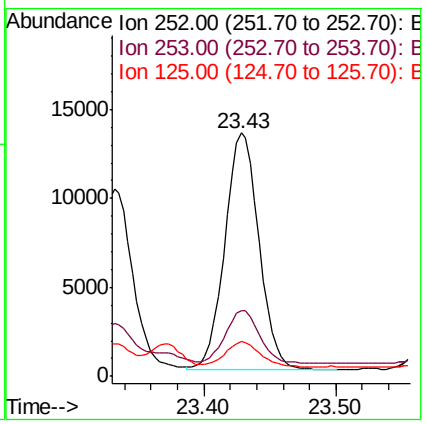


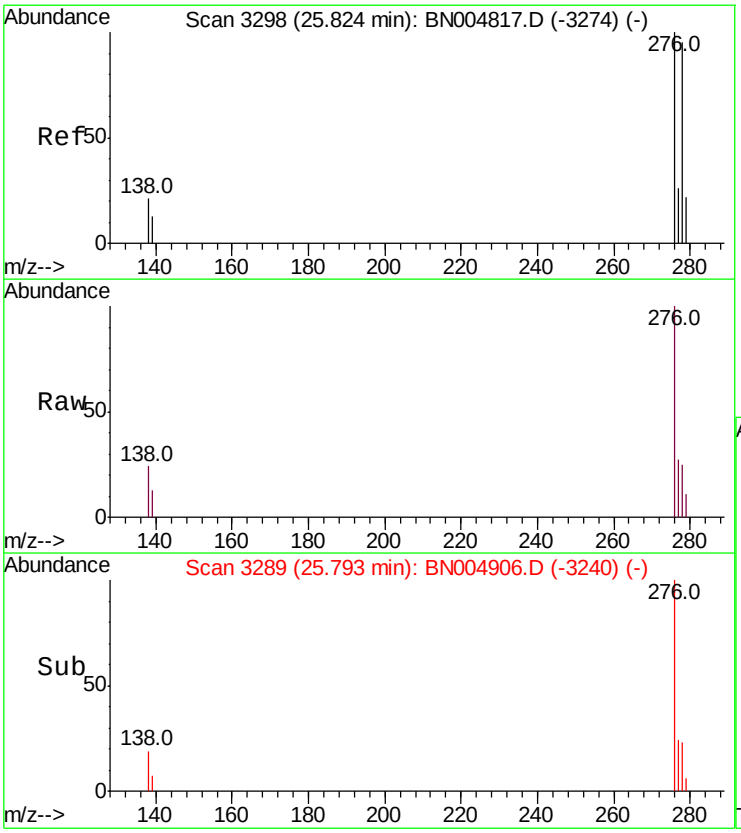
#37
Benzo(a)pyrene
Concen: 0.209 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:252 Resp: 23919

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.7	29.5
125	14.2	8.3	12.5#

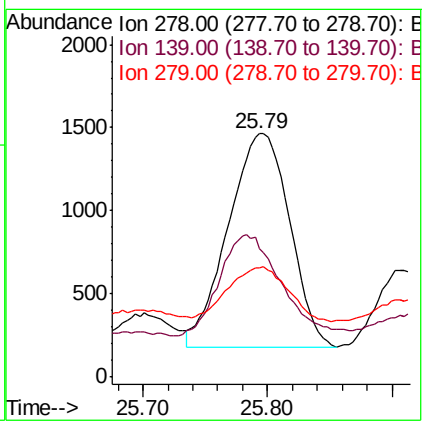


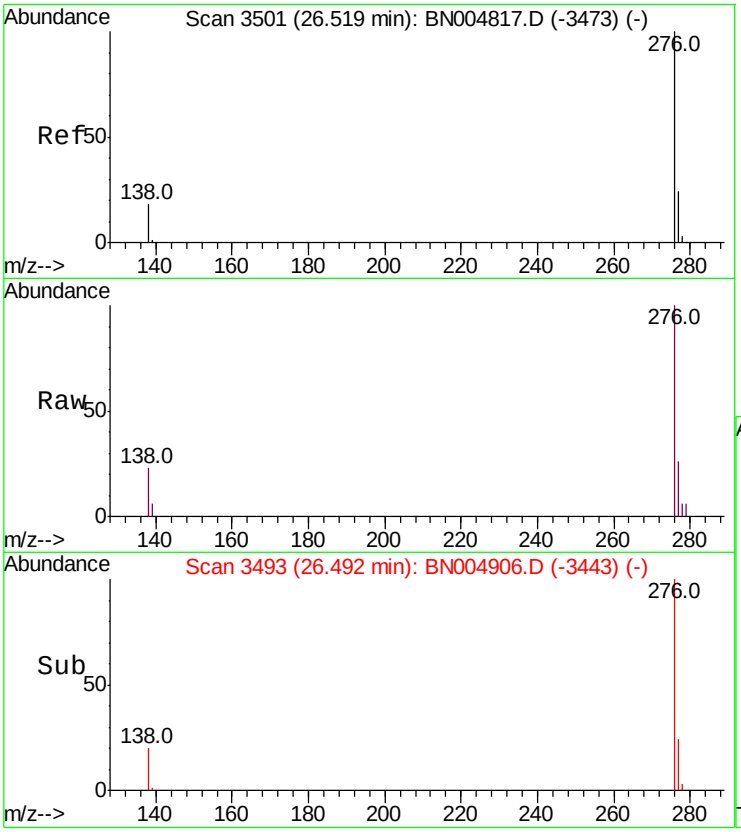


#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.03 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Tgt Ion:278 Resp: 4405

Ion	Ratio	Lower	Upper
278	100		
139	52.8	11.7	17.5#
279	45.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.121 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004906.D
Acq: 23 Mar 2019 03:51

Instrument :
BNA_N
ClientSampleId :
PST-026-B022-031819

Tgt Ion:276 Resp: 16339

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.7	29.5
138	22.9	14.6	22.0#