Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
Data File : BN004894.D
Acq On : 22 Mar 2019 21:23
Operator : JU/SJ
Sample : K2013-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-B119-031819

Quant Time: Mar 23 02:49:07 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	2877	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	12160	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	7197	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	17880	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	24317	0.40	ng		-0.01
34) Perylene-d12	23.53	264	26072	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2736	0.35	ng		0.00
5) Phenol-d6	6.86	99	3949	0.41	ng		-0.02
8) Nitrobenzene-d5	8.86	82	2455	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5796	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2401	0.48	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	10203	0.34	ng		-0.01
25) Fluoranthene-d10	19.12	212	16063	0.27	ng		-0.01
29) Terphenyl-d14	19.72	244	22735	0.46	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.53	128	728	0.021	ng	#	75
12) 2-Methylnaphthalene	12.15	142	627	0.025	ng	#	93
16) Acenaphthylene	14.05	152	2518	0.068	ng		97
17) Acenaphthene	14.40	154	624	0.026	ng		90
18) Fluorene	15.39	166	1235	0.036	ng	#	88
23) Phenanthrene	17.12	178	26094	0.452	ng		99
24) Anthracene	17.22	178	2598	0.050	ng		97
26) Fluoranthene	19.15	202	33411	0.450	ng		99
28) Pyrene	19.51	202	40124	0.541	ng		97
30) Benzo(a)anthracene	21.27	228	19048	0.239	ng		96
31) Chrysene	21.32	228	21386	0.255	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	5716	0.179	ng		98
33) Indeno(1,2,3-cd)pyrene	25.80	276	11168	0.092	ng		99
35) Benzo(b)fluoranthene	22.86	252	24164	0.256	ng	#	85
36) Benzo(k)fluoranthene	22.86	252	24164	0.260	ng	#	86
37) Benzo(a)pyrene	23.43	252	16861	0.195	ng	#	94
38) Dibenzo(a,h)anthracene	25.81	278	3150	0.031	ng	#	54
39) Benzo(g,h,i)perylene	26.50	276	11479	0.112	ng		95

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

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PST-026-B119-031819

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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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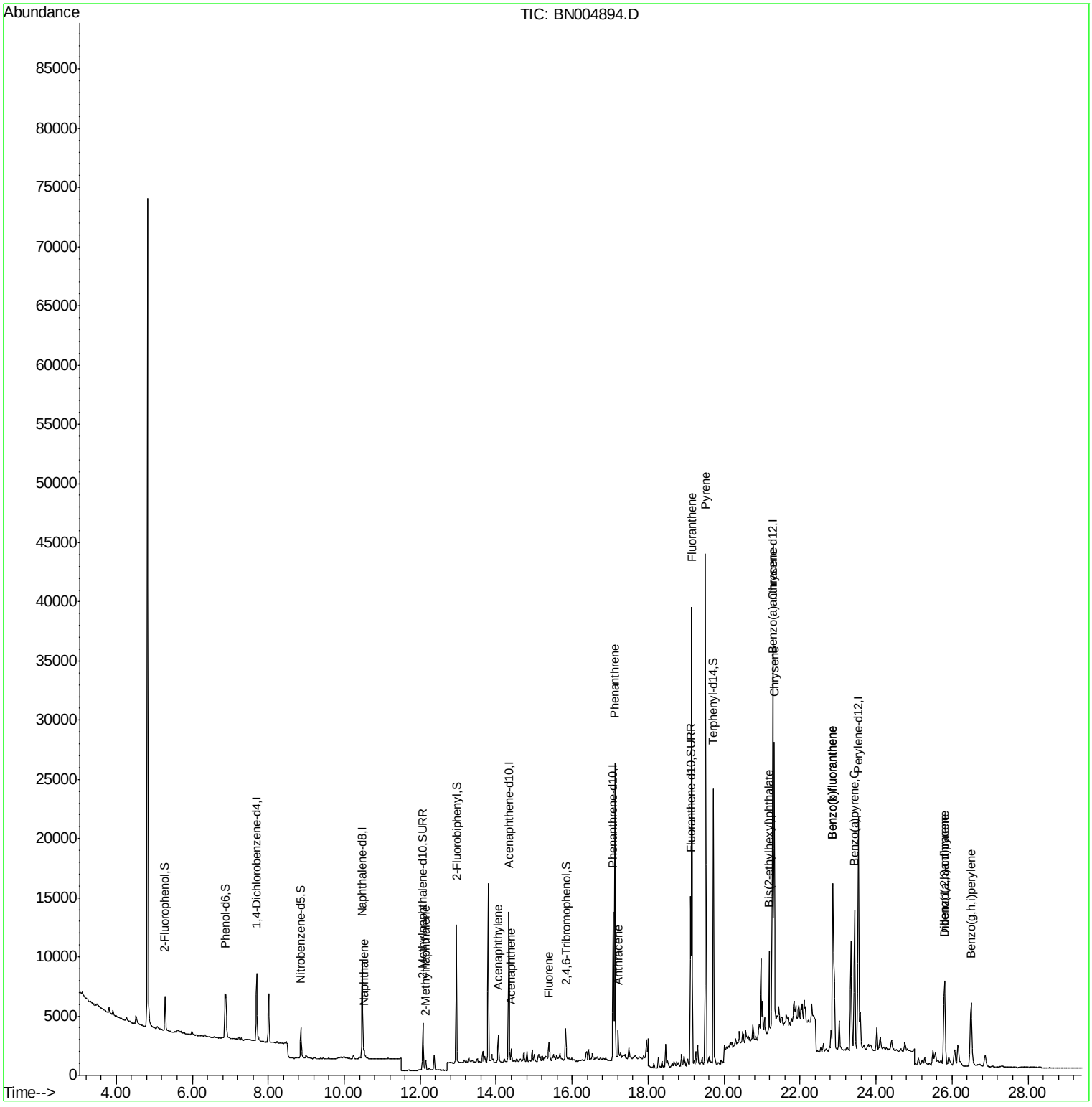
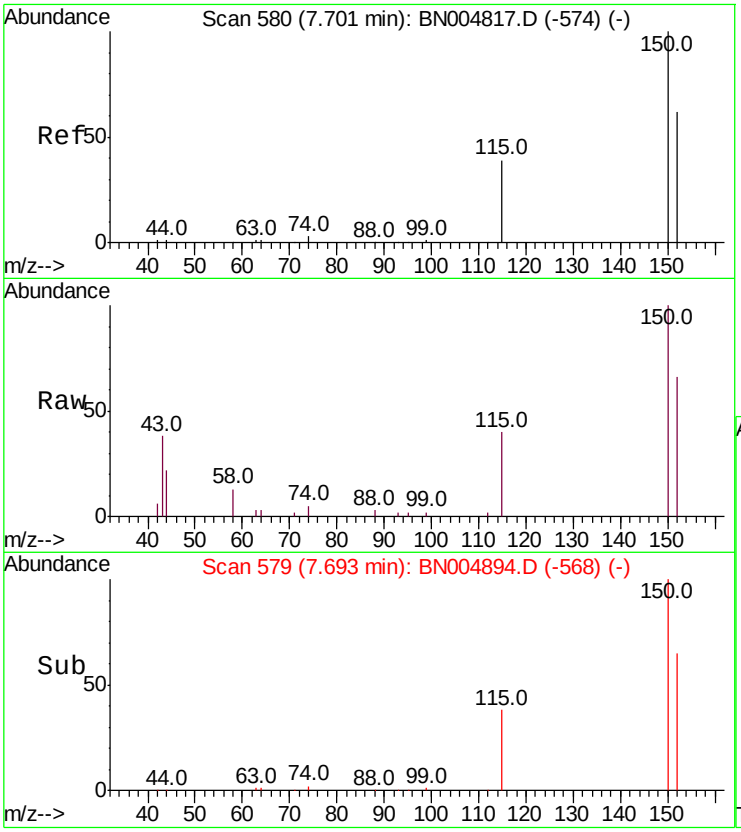


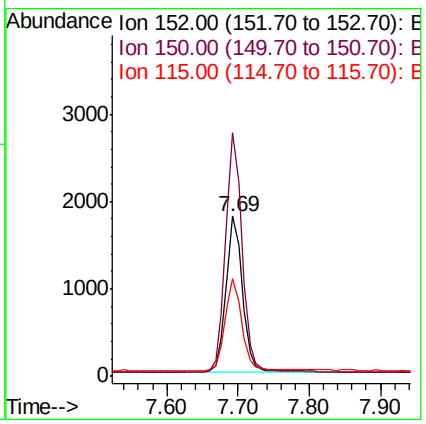


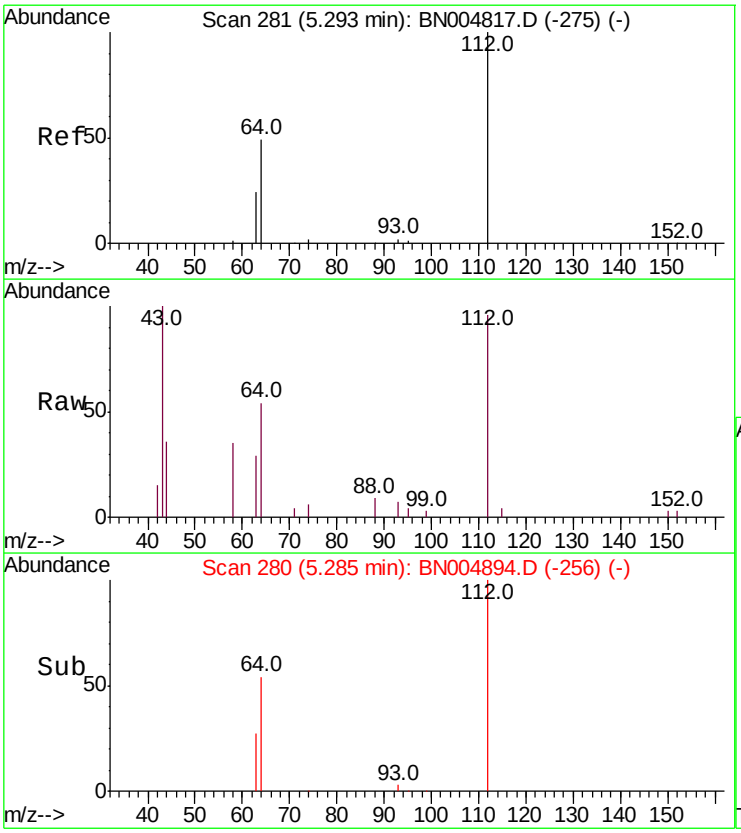
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:152 Resp: 2877

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.4
115	61.3	52.6	79.0

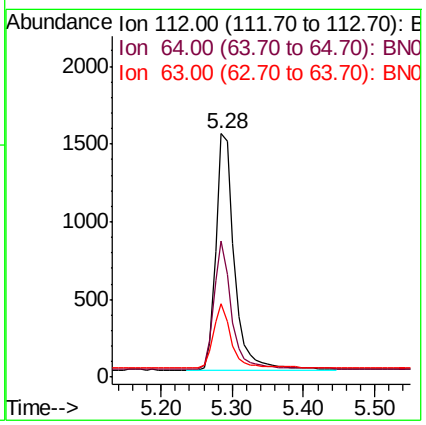


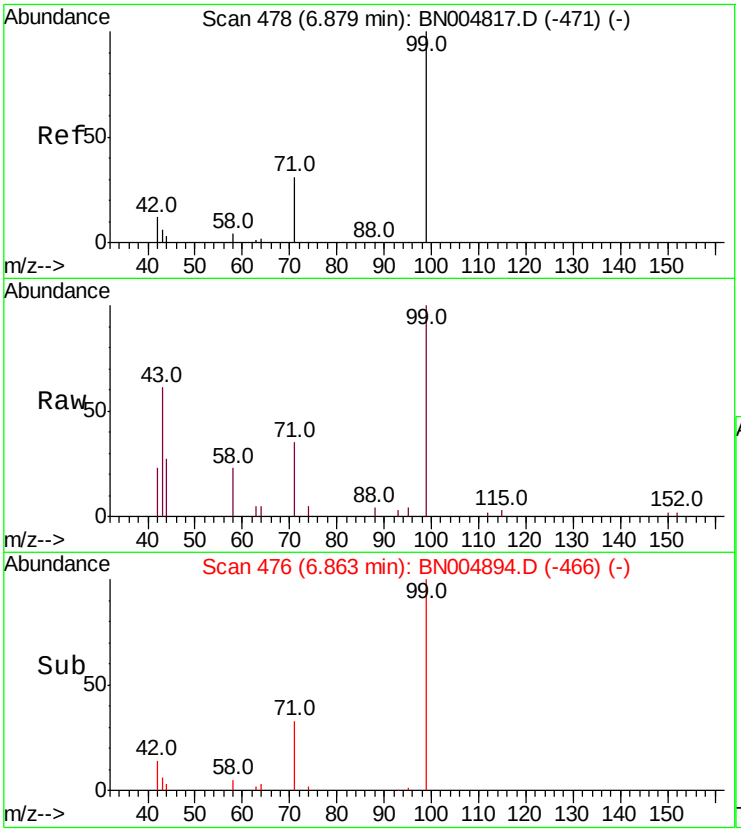


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:112 Resp: 2736

Ion	Ratio	Lower	Upper
112	100		
64	51.1	40.0	60.0
63	25.7	20.2	30.2



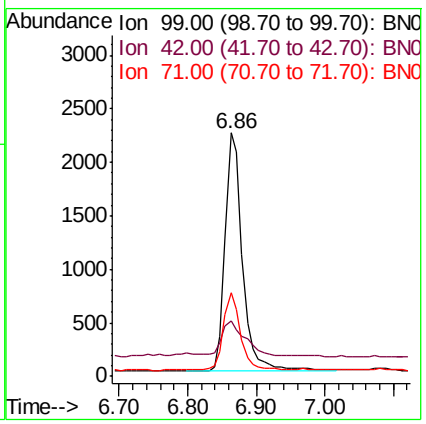


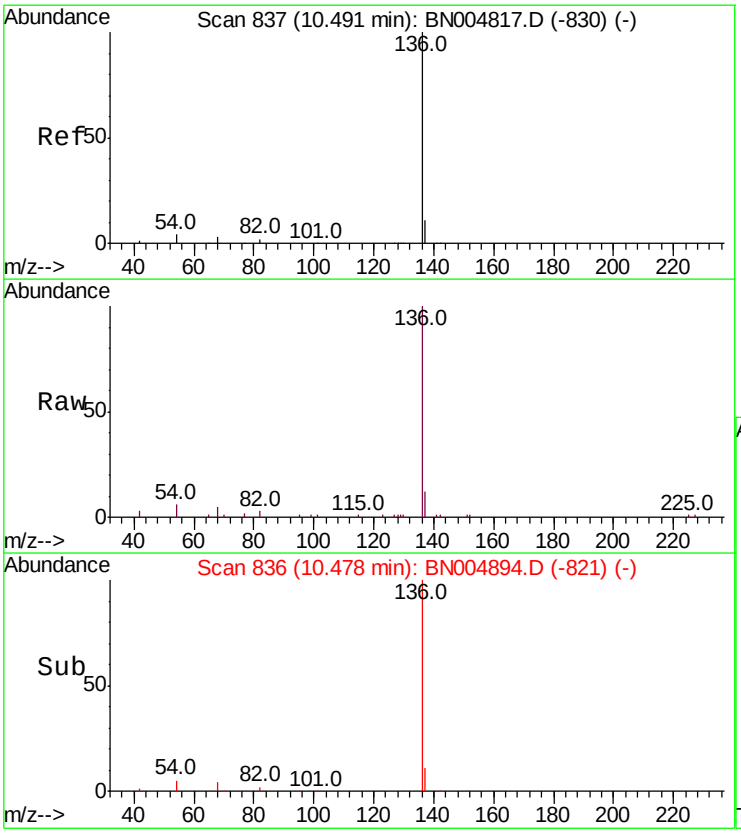
#5
Phenol-d6
Concen: 0.406 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion: 99 Resp: 3949

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.7	19.1#
71	31.7	26.6	40.0

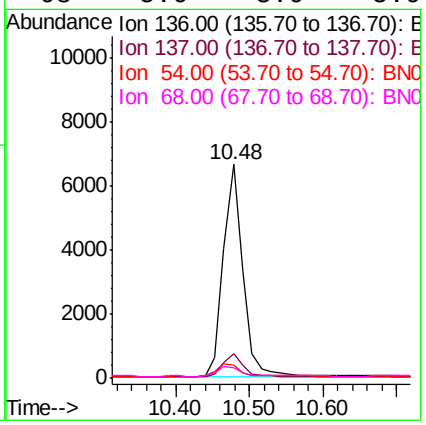


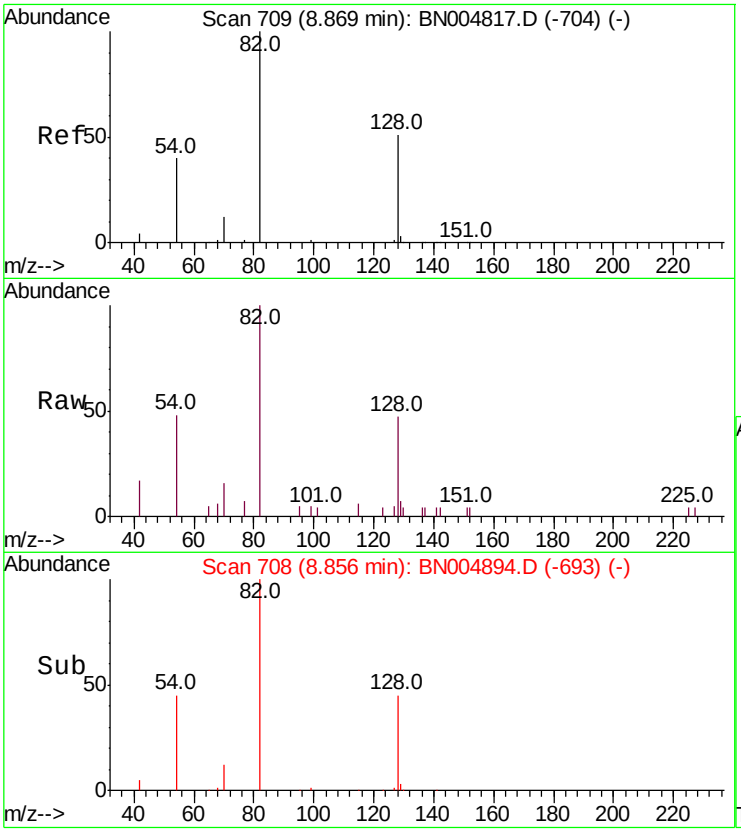


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:136 Resp: 12160

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	5.8	4.2	6.2
68	5.0	3.9	5.9



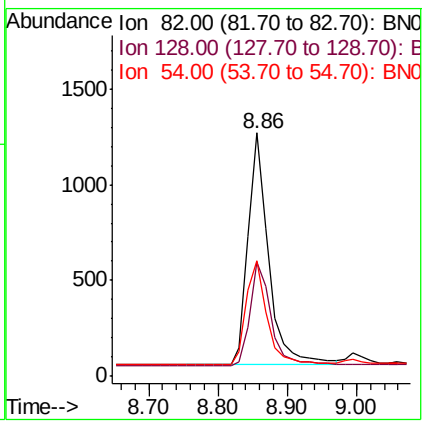


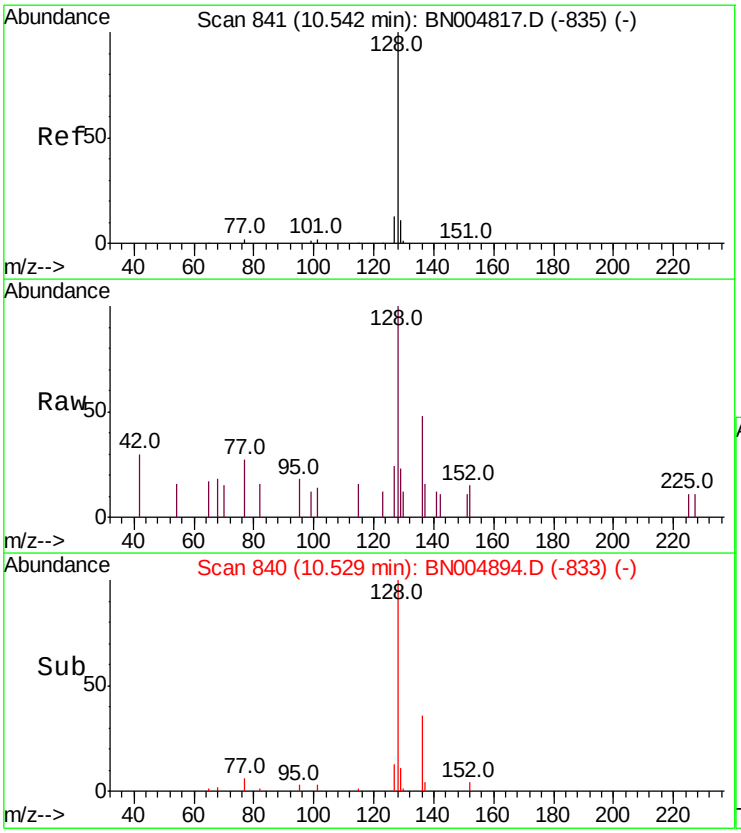
#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion: 82 Resp: 2455

Ion	Ratio	Lower	Upper
82	100		
128	46.9	43.0	64.6
54	47.6	35.3	52.9

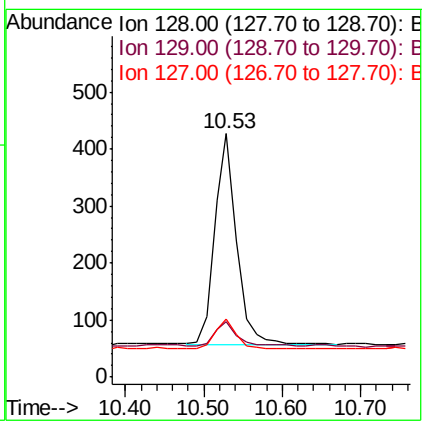


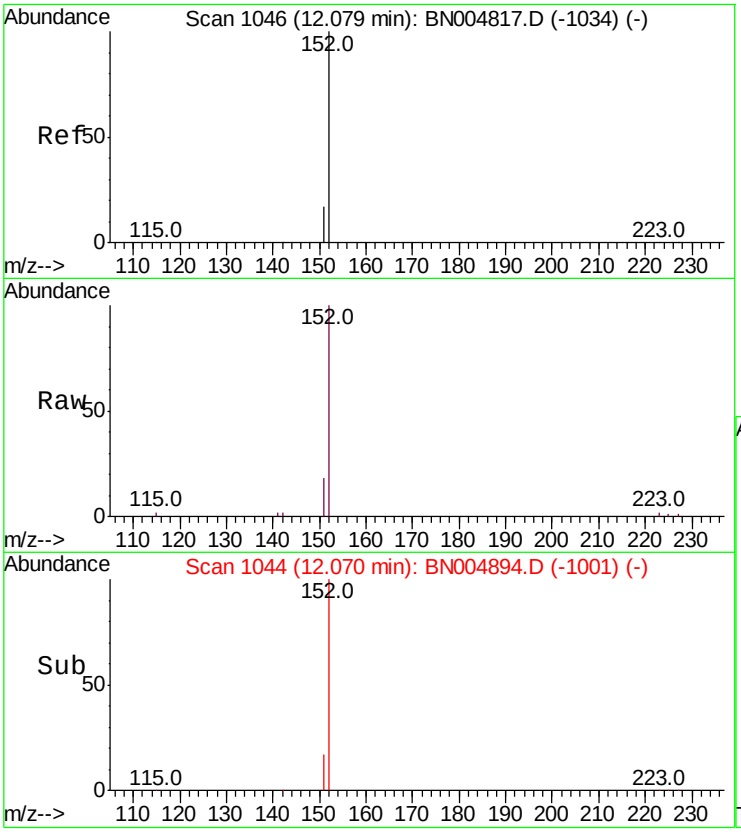


#9
Naphthalene
Concen: 0.021 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:128 Resp: 728

Ion	Ratio	Lower	Upper
128	100		
129	23.0	9.9	14.9#
127	23.7	11.3	16.9#



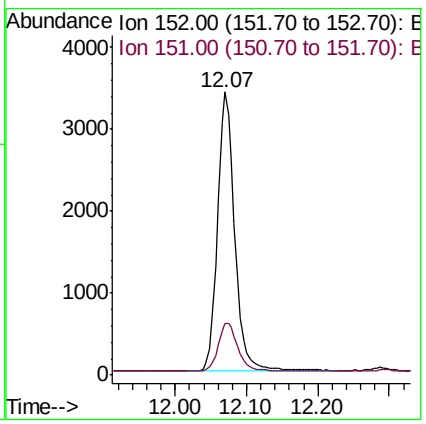


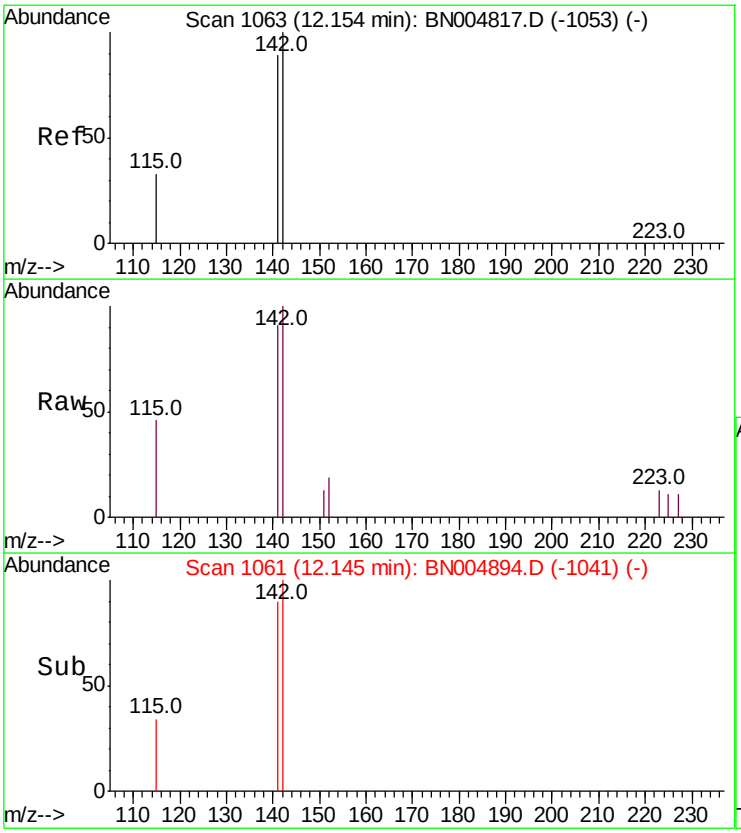
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:152 Resp: 5796

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

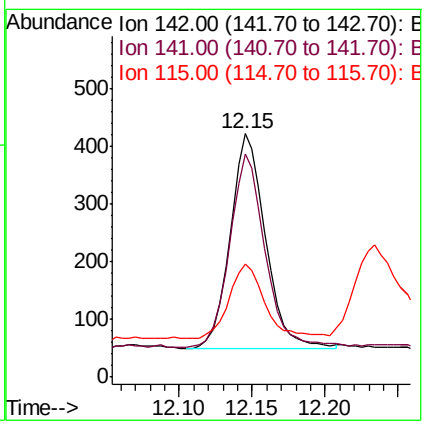


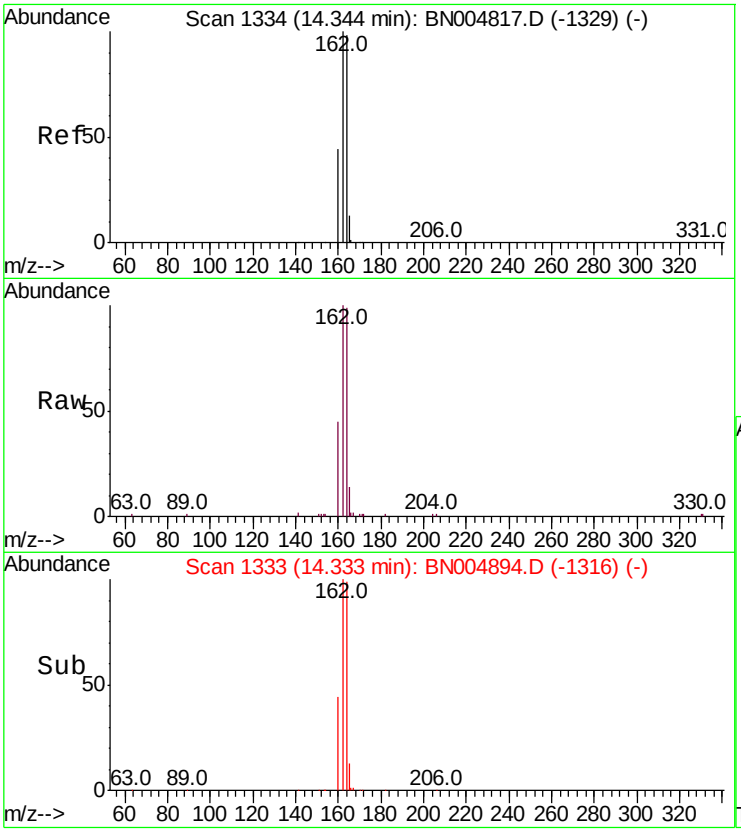


#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.15 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:142 Resp: 627

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.4	107.2
115	46.2	27.5	41.3#



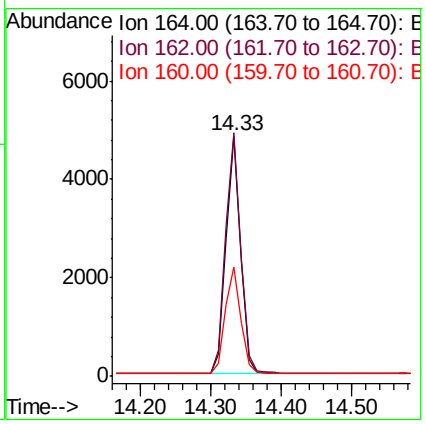


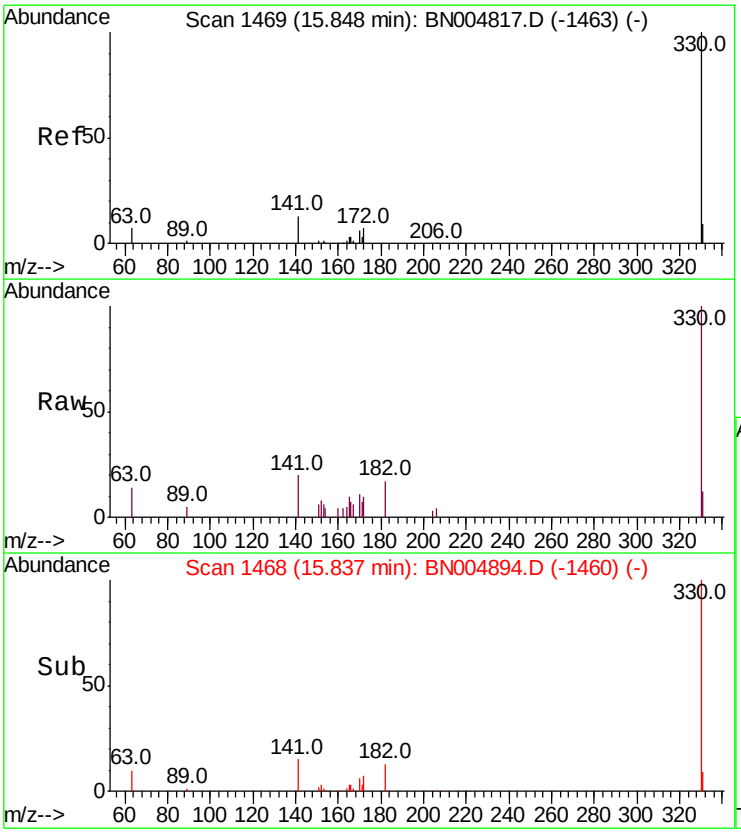
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:164 Resp: 7197

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	45.4	36.6	54.8

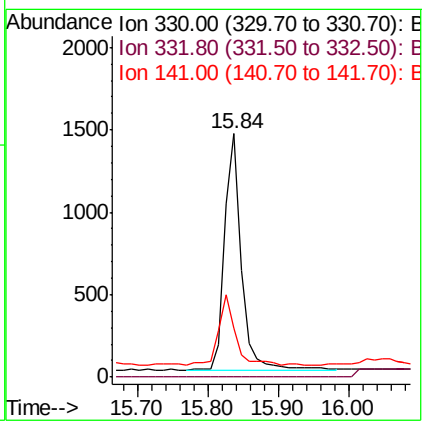


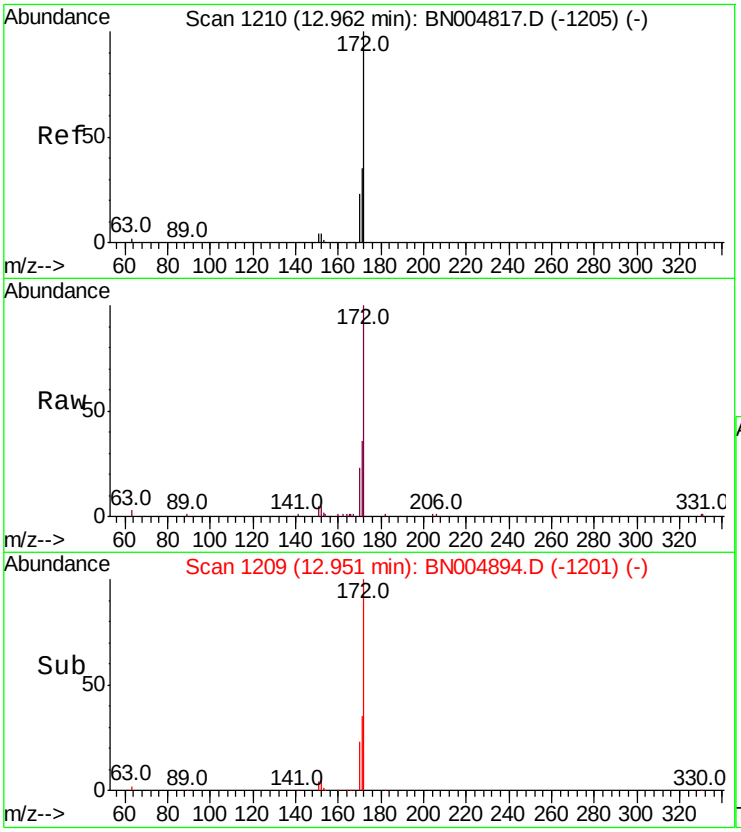


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:330 Resp: 2401

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



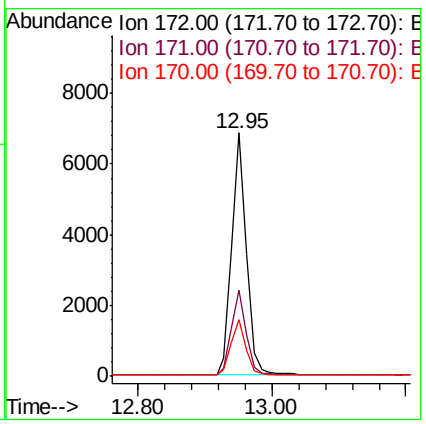


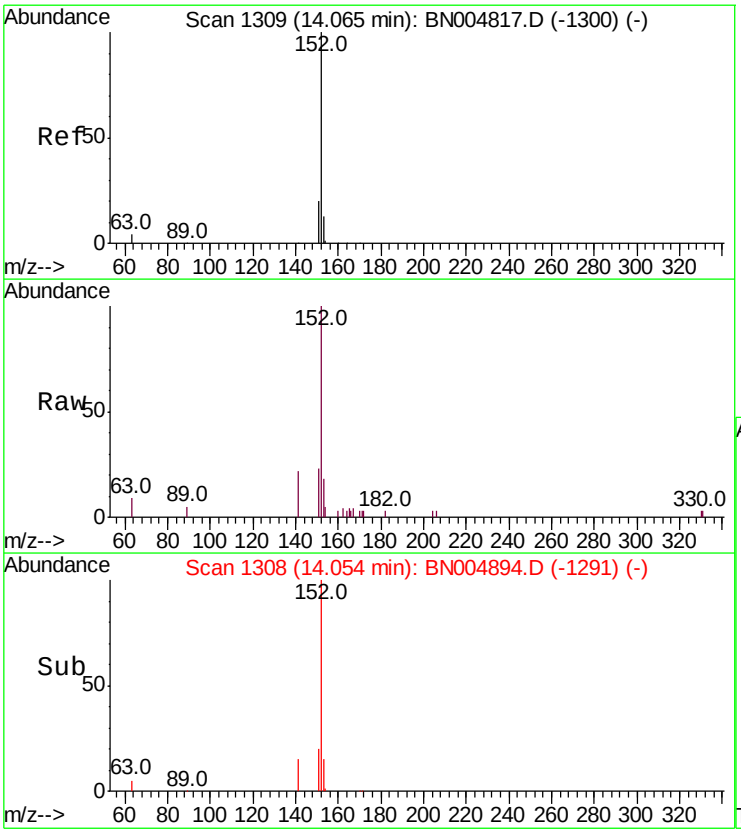
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:172 Resp: 10203

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.2	18.7	28.1

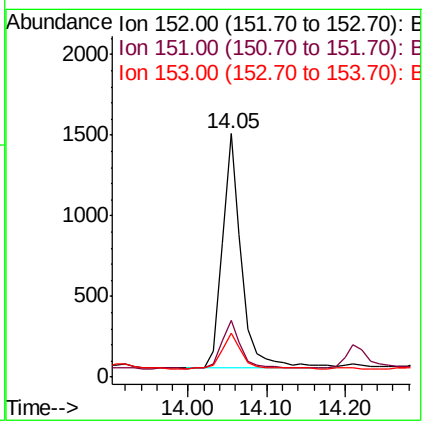


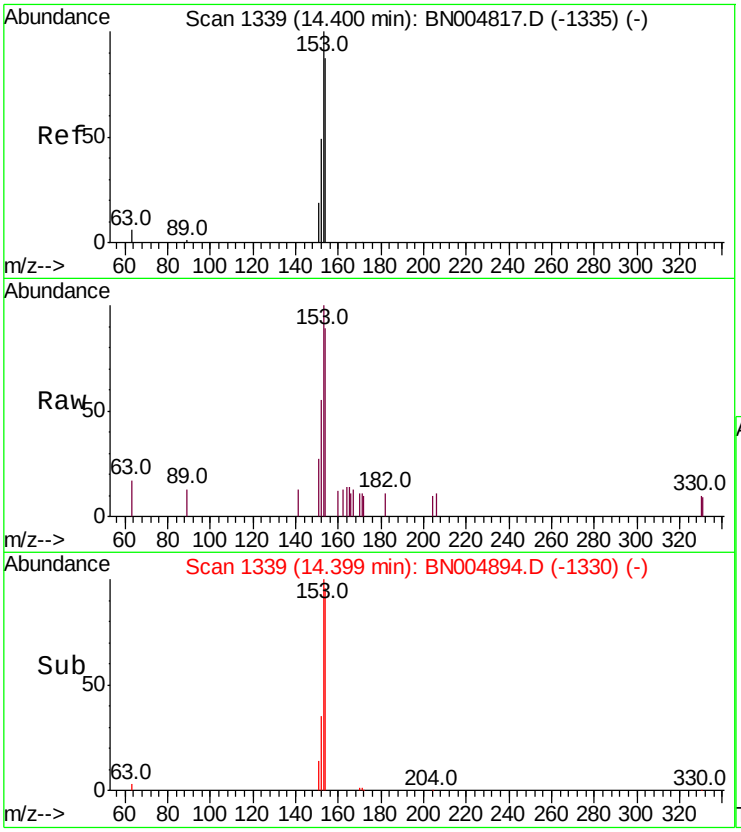


#16
Acenaphthylene
Concen: 0.068 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:152 Resp: 2518

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	15.3	10.5	15.7



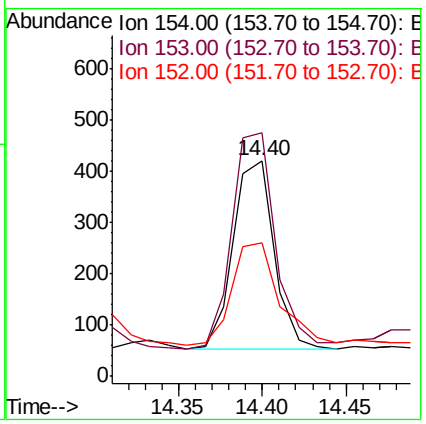


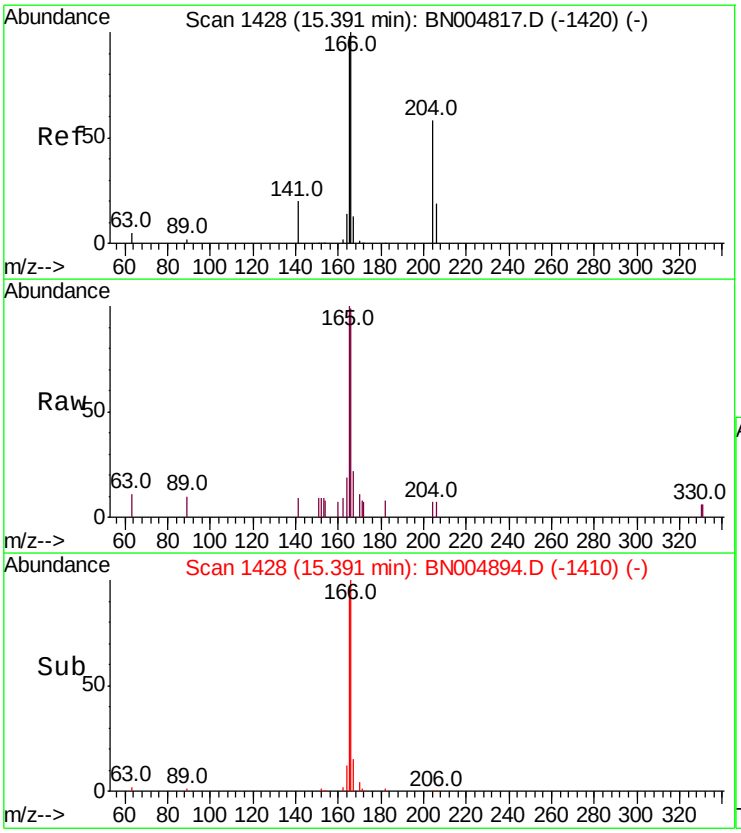
#17
Acenaphthene
Concen: 0.026 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:154 Resp: 624

Ion	Ratio	Lower	Upper
154	100		
153	123.2	91.4	137.2
152	65.2	44.2	66.2

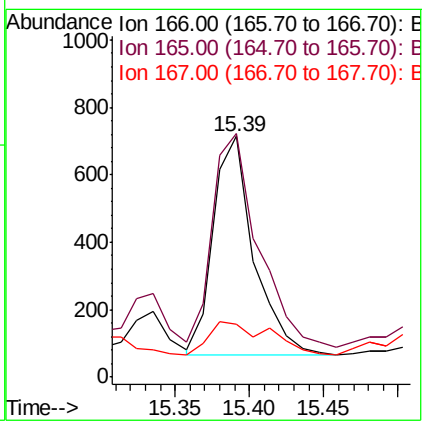


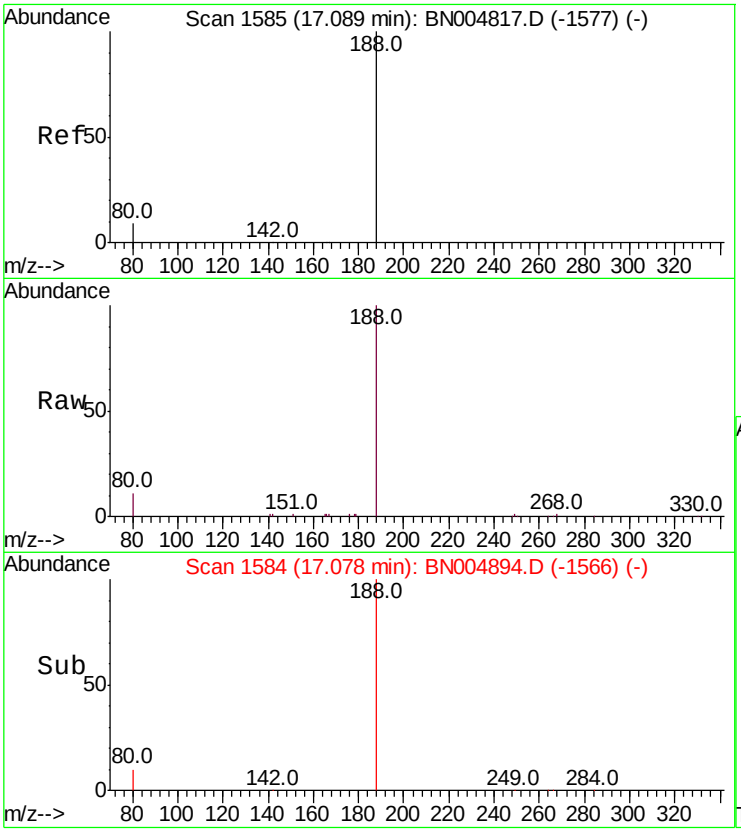


#18
Fluorene
Concen: 0.036 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:166 Resp: 1235

Ion	Ratio	Lower	Upper
166	100		
165	108.6	78.2	117.4
167	23.2	11.0	16.4#



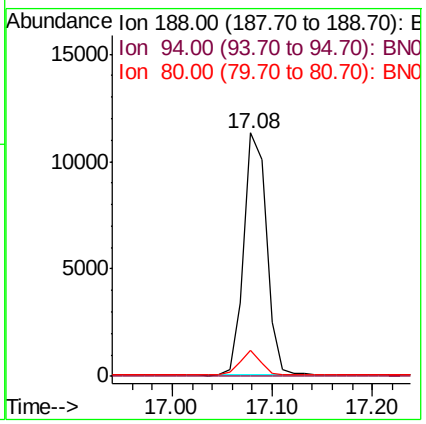


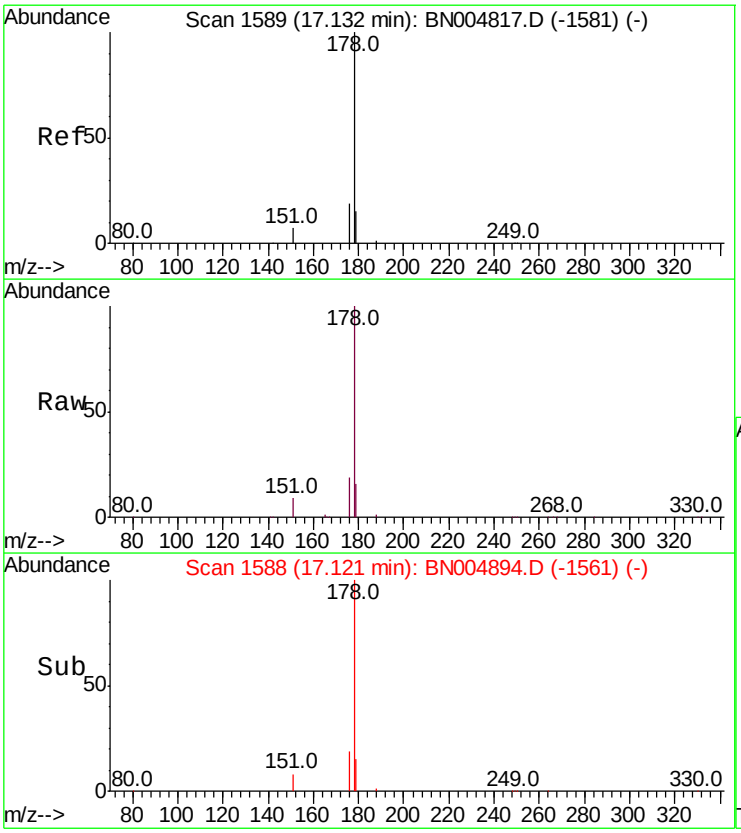
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:188 Resp: 17880

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.2

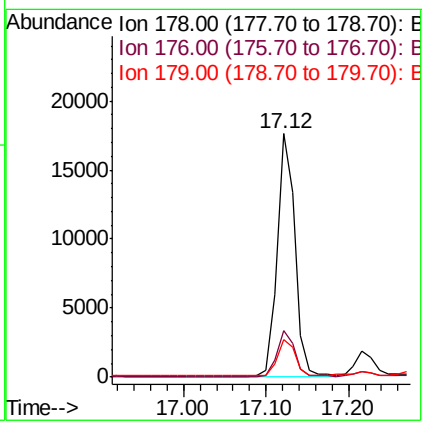


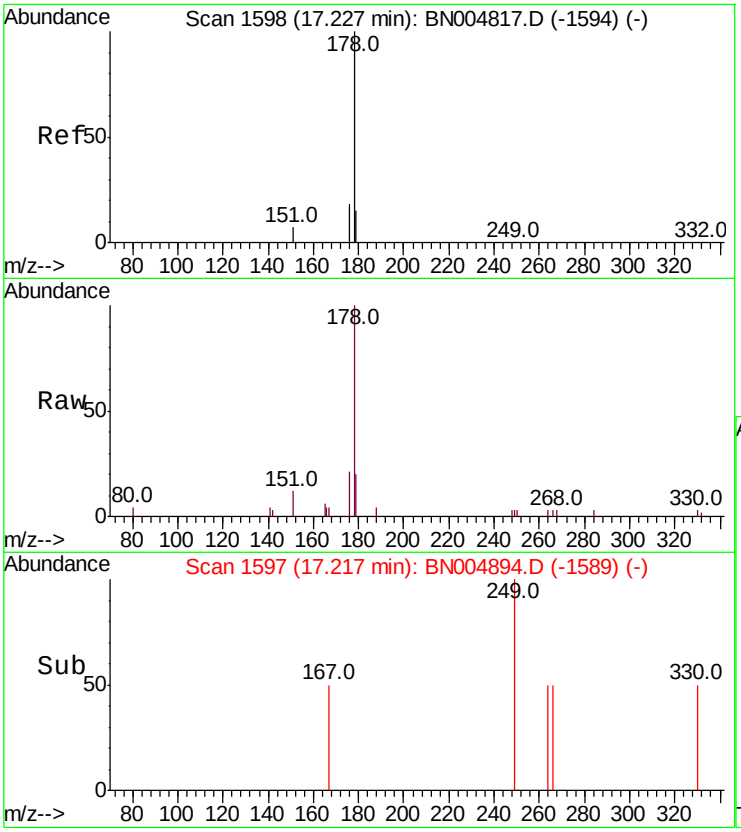


#23
Phenanthrene
Concen: 0.452 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:178 Resp: 26094

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.6	12.1	18.1



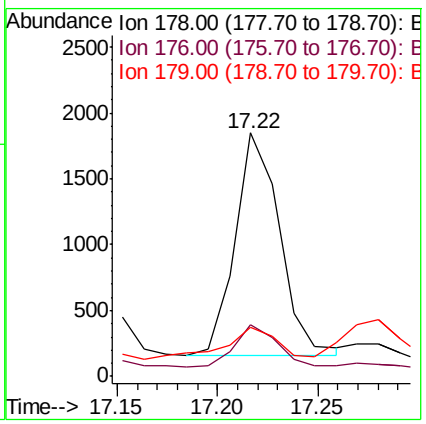


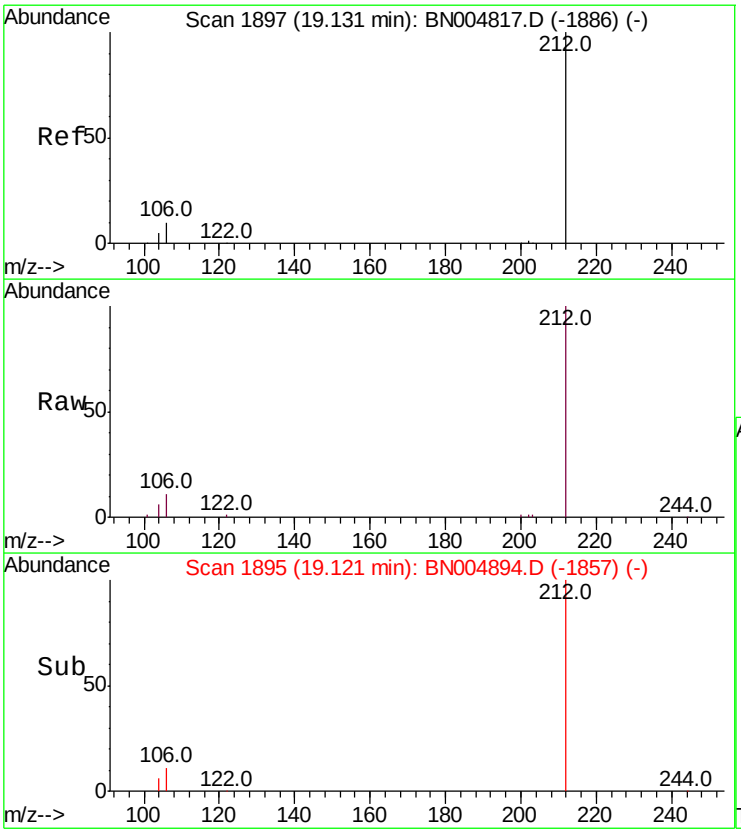
#24
Anthracene
Concen: 0.050 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:178 Resp: 2598

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.5	21.7
179	17.4	12.2	18.4

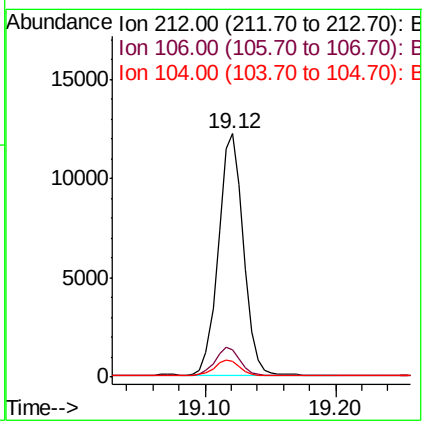


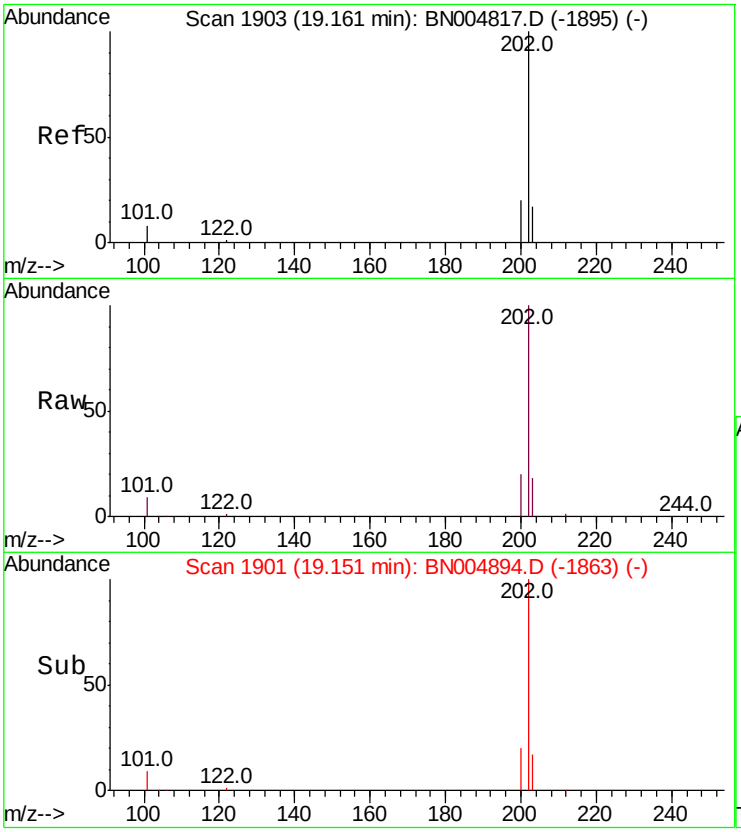


#25
Fluoranthene-d10
Concen: 0.268 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:212 Resp: 16063

Ion	Ratio	Lower	Upper
212	100		
106	11.7	8.6	13.0
104	6.3	4.7	7.1



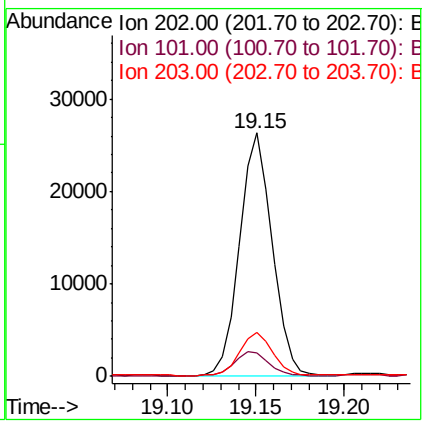


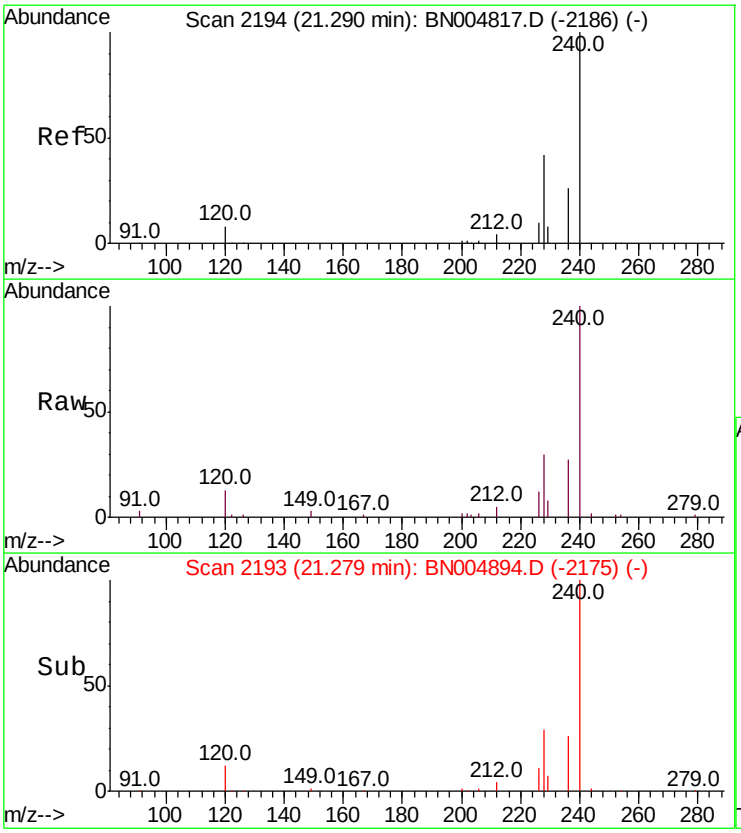
#26
Fluoranthene
Concen: 0.450 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:202 Resp: 33411

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
203	17.7	13.8	20.6

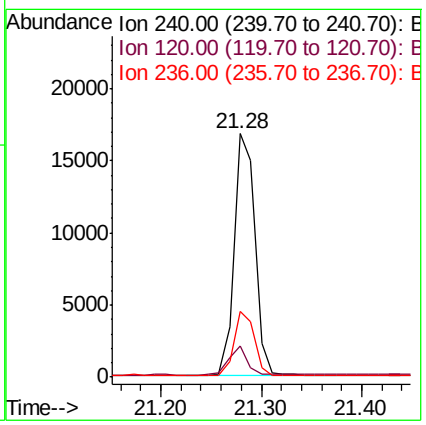


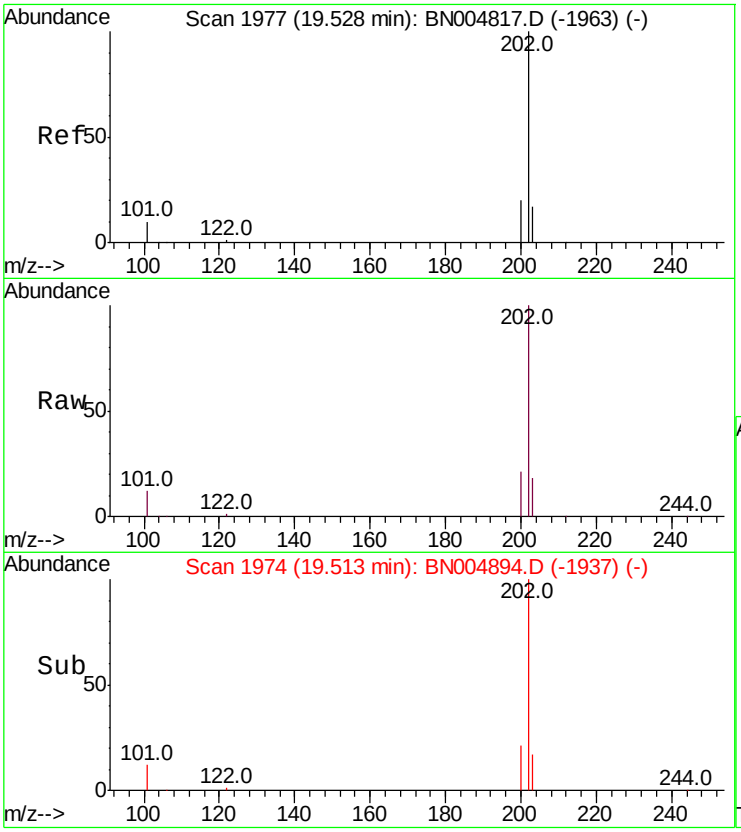


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:240 Resp: 24317

Ion	Ratio	Lower	Upper
240	100		
120	12.7	7.2	10.8#
236	26.9	20.9	31.3



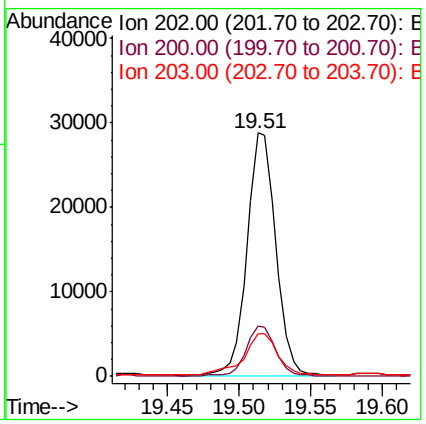


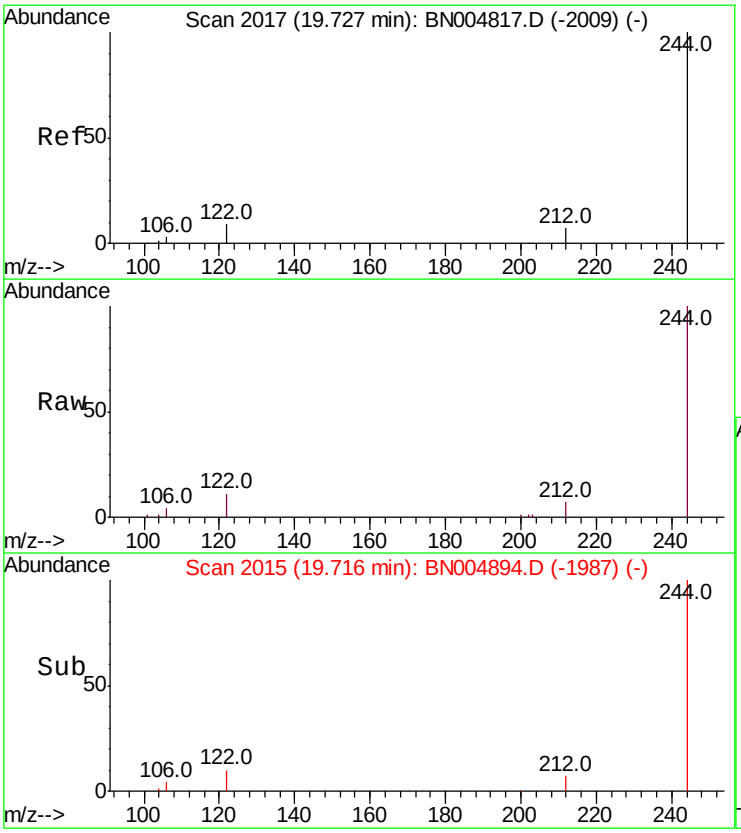
#28
Pyrene
Concen: 0.541 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:202 Resp: 40124

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.3	14.0	21.0

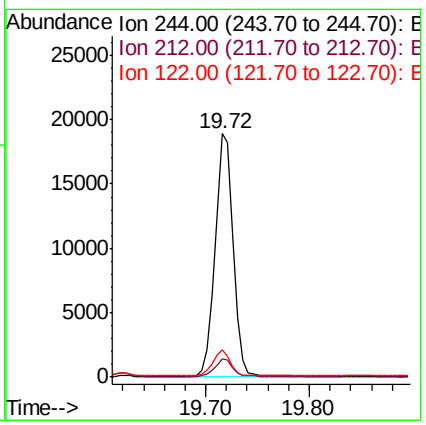


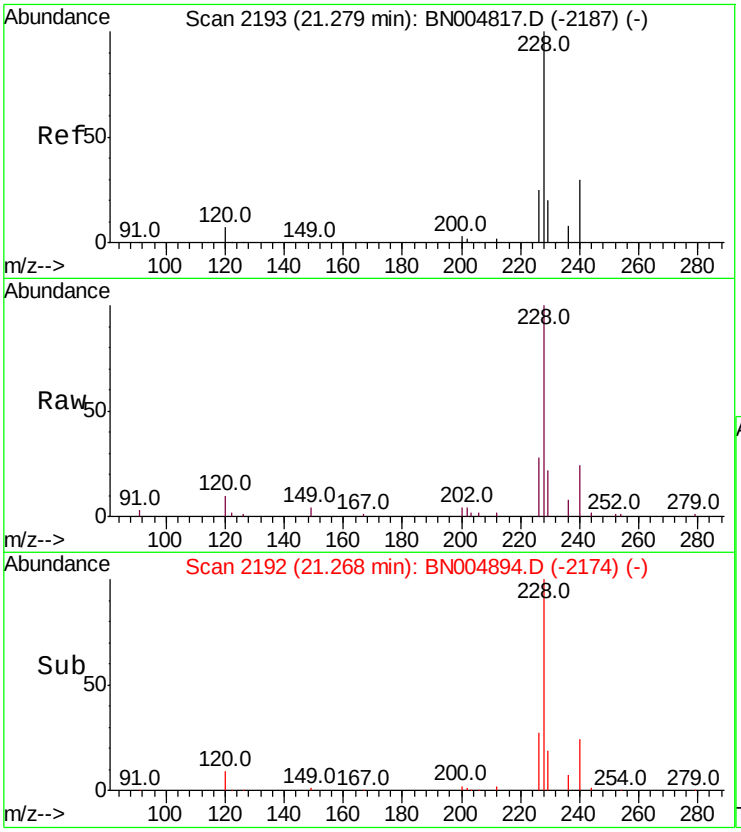


#29
Terphenyl-d14
Concen: 0.457 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:244 Resp: 22735

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.0	7.9	11.9



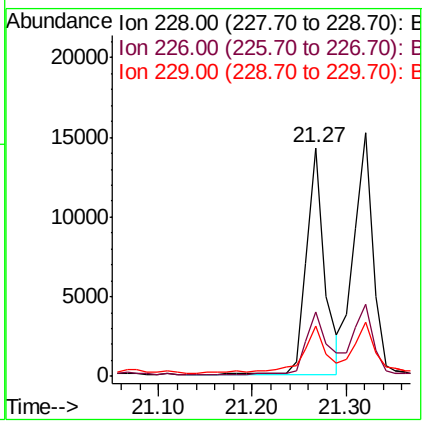


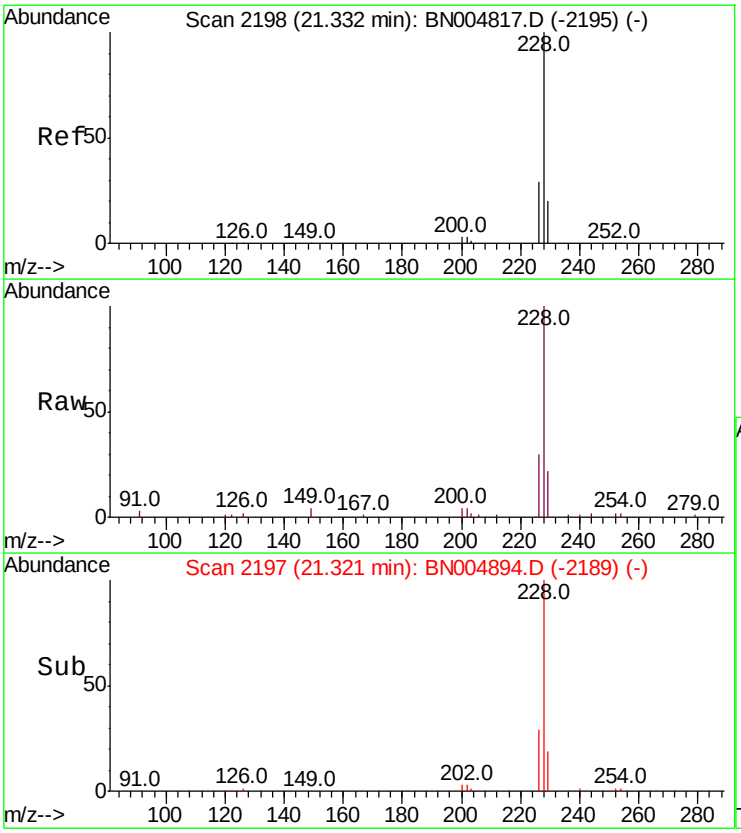
#30
Benzo(a)anthracene
Concen: 0.239 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:228 Resp: 19048

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.6	31.0
229	22.0	16.2	24.4

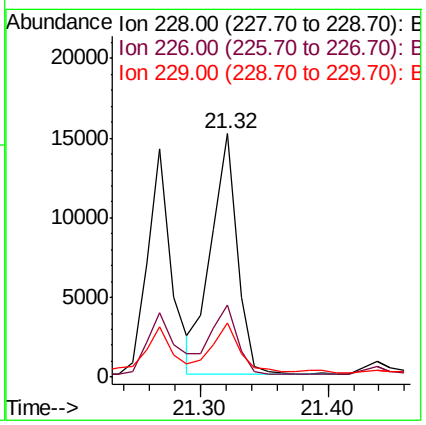


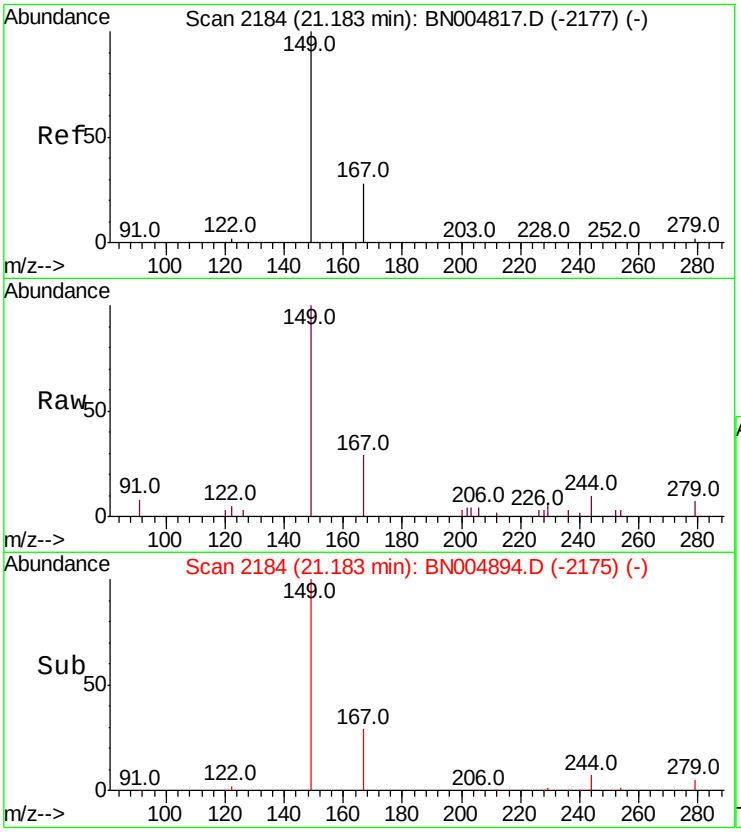


#31
Chrysene
Concen: 0.255 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:228 Resp: 21386

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	22.2	16.2	24.2



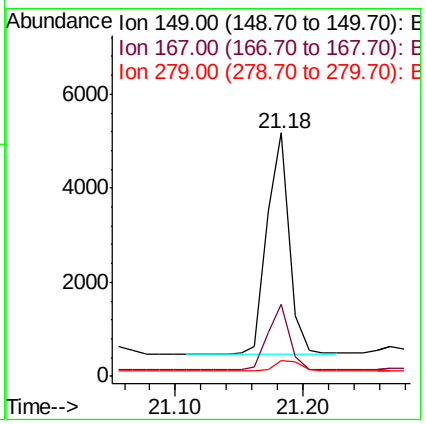


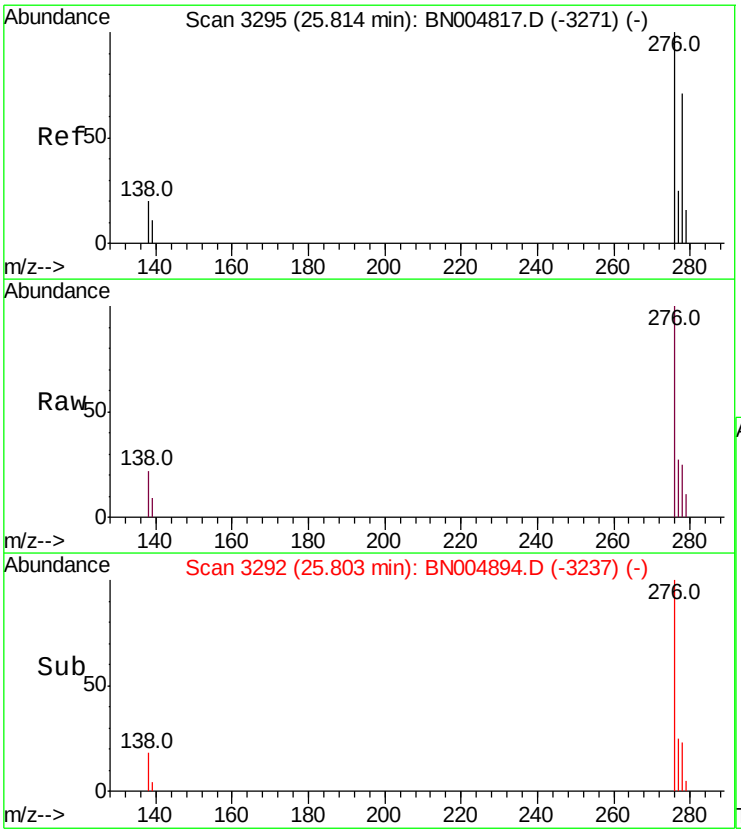
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.179 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:149 Resp: 5716

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	5.2	4.6	6.8

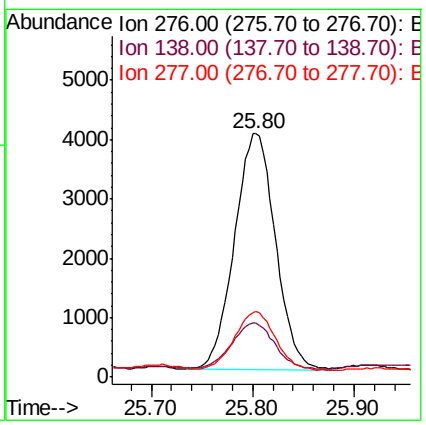


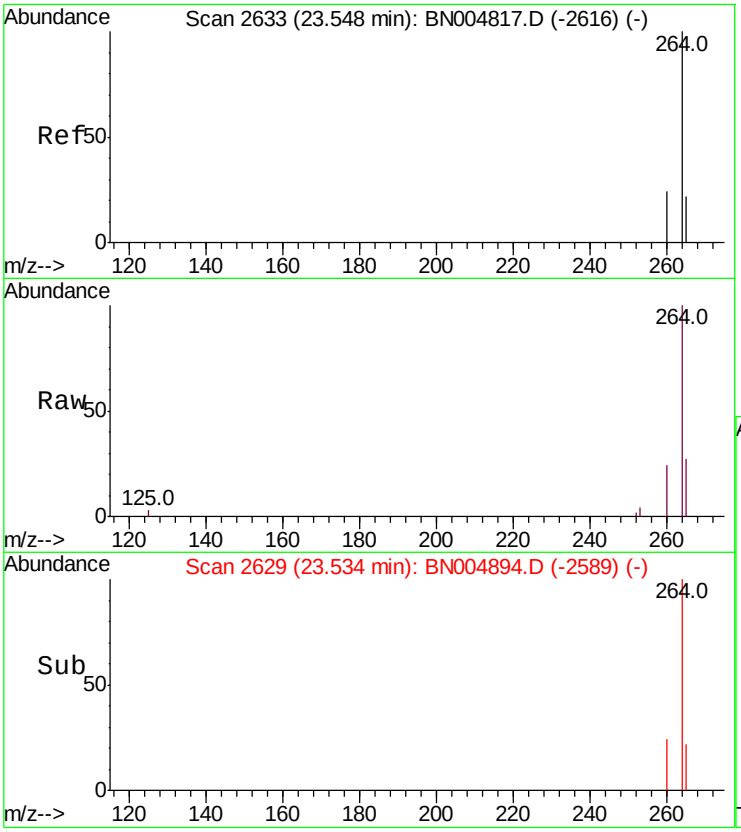


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 25.80 min Scan# 3292
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:276 Resp: 11168

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.6	24.8
277	24.7	20.3	30.5



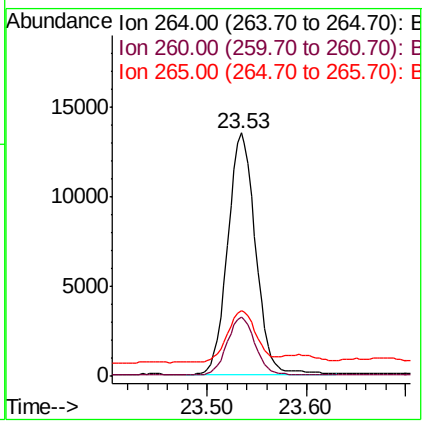


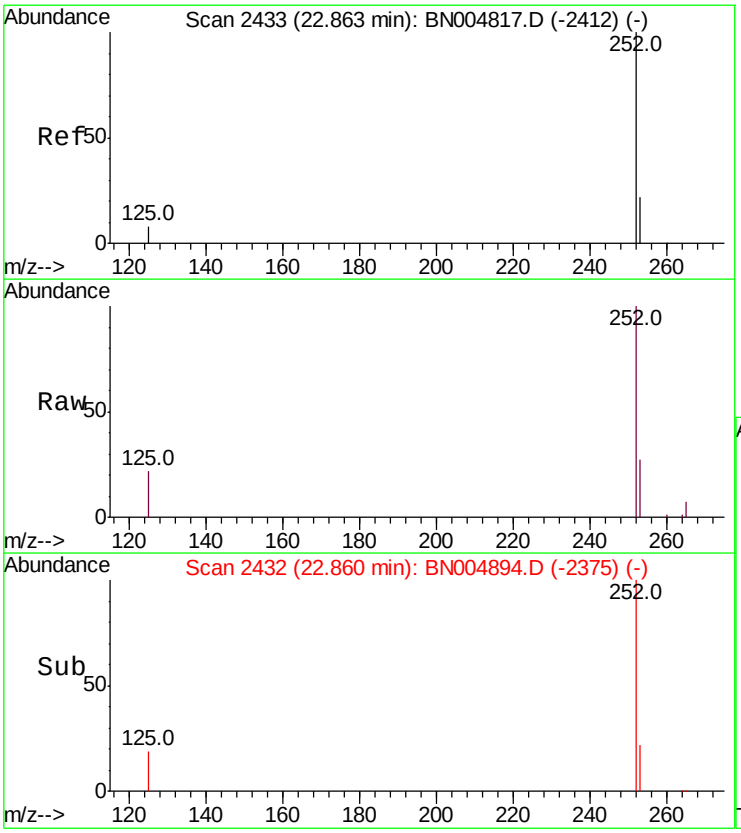
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:264 Resp: 26072

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	26.9	23.1	34.7

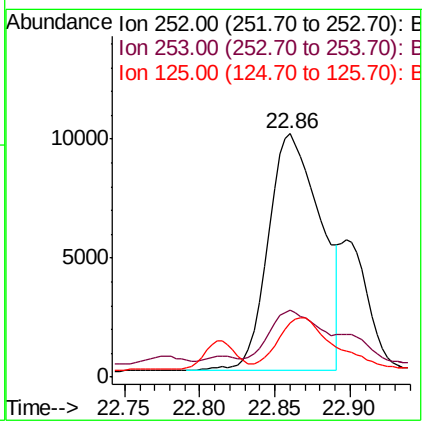


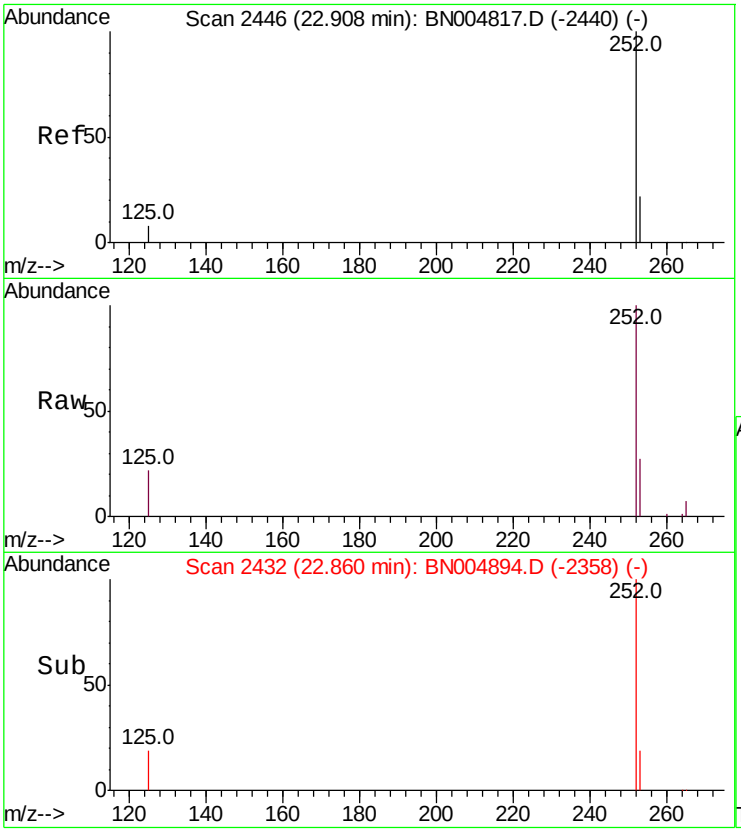


#35
Benzo(b)fluoranthene
Concen: 0.256 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:252 Resp: 24164

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.0	28.4
125	22.0	7.4	11.2#



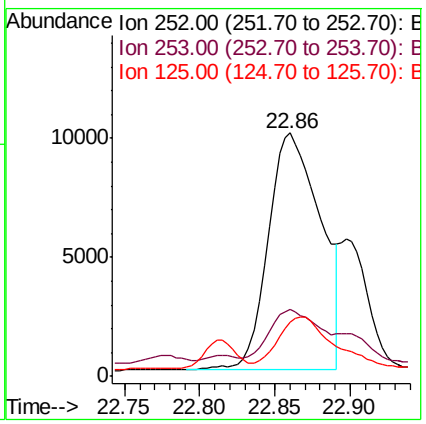


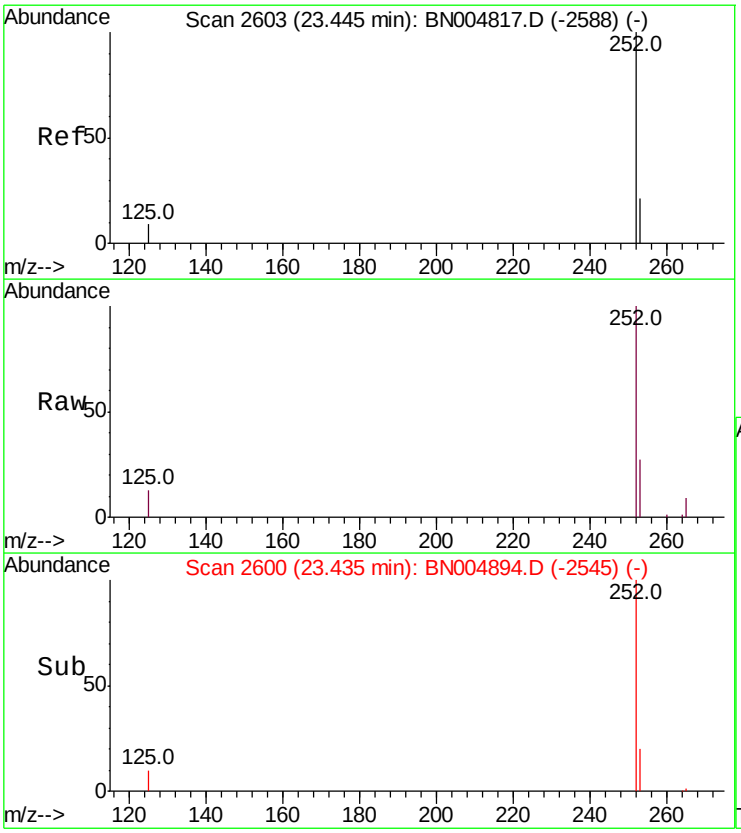
#36
Benzo(k)fluoranthene
Concen: 0.260 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.05 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:252 Resp: 24164

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.3	28.9
125	22.0	7.4	11.0#

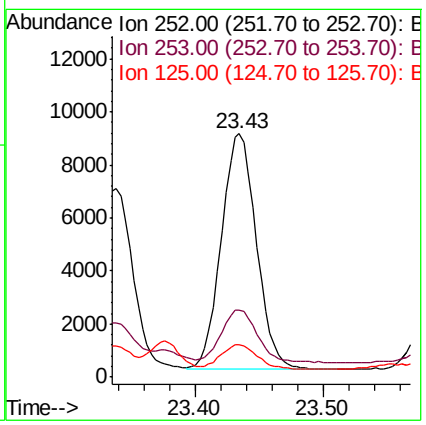


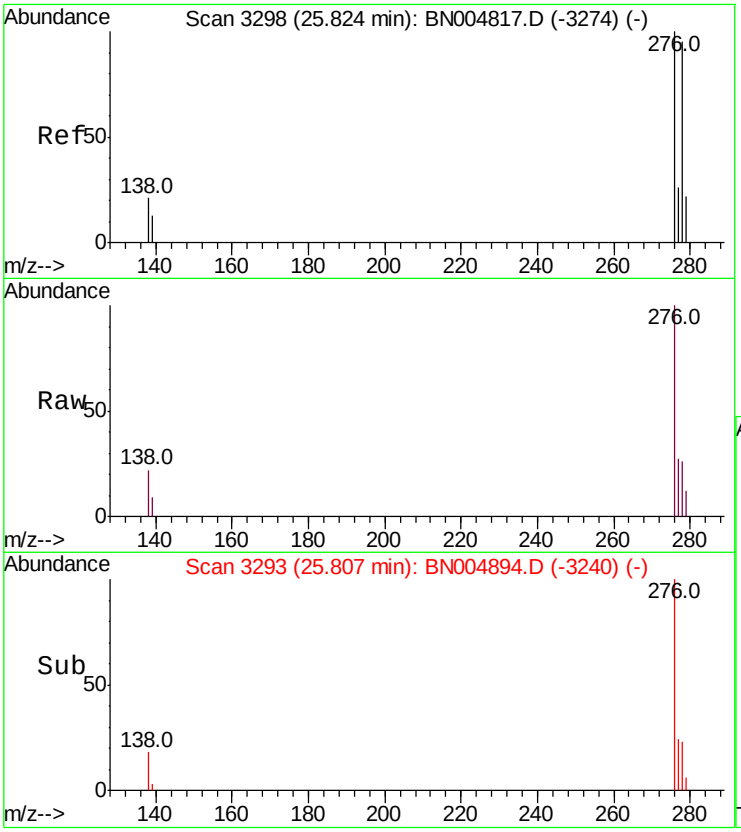


#37
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:252 Resp: 16861

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.7	29.5
125	13.4	8.3	12.5#



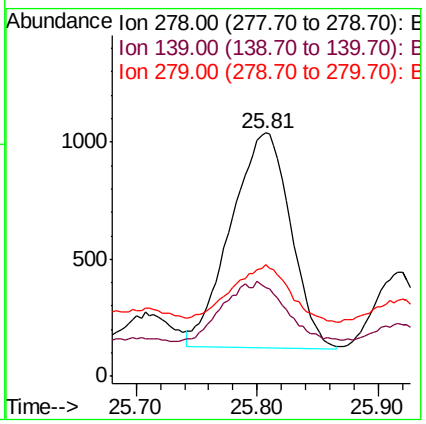


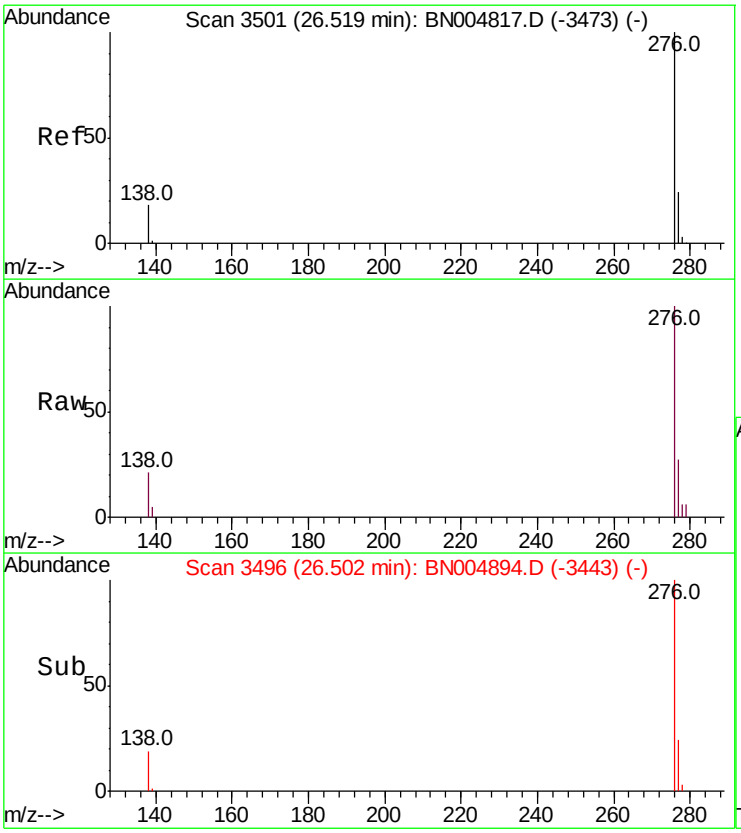
#38
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Instrument :
BNA_N
ClientSampleId :
PST-026-B119-031819

Tgt Ion:278 Resp: 3150

Ion	Ratio	Lower	Upper
278	100		
139	36.6	11.7	17.5#
279	45.7	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.112 ng
RT: 26.50 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BN004894.D
Acq: 22 Mar 2019 21:23

Tgt Ion:276 Resp: 11479

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.7	29.5
138	21.4	14.6	22.0