Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008039.D
Acq On : 05 Oct 2019 23:01
Operator : JU
Sample : K5077-19DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B269-092519DL

Quant Time: Oct 07 00:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3896	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	15519	0.40	ng		-0.03
13) Acenaphthene-d10	14.31	164	9833	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	20162	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	20994	0.40	ng		-0.02
34) Perylene-d12	23.46	264	23910	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	485	0.04	ng		-0.02
5) Phenol-d6	6.87	99	582	0.03	ng		0.00
8) Nitrobenzene-d5	8.82	82	425	0.03	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	921	0.04	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	214	0.04	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	1308	0.03	ng		-0.02
25) Fluoranthene-d10	19.09	212	2572	0.04	ng		-0.02
29) Terphenyl-d14	19.69	244	2238	0.04	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.97	42	1428	0.718	ng	#	84
9) Naphthalene	10.49	128	1043	0.024	ng	#	67
12) 2-Methylnaphthalene	12.12	142	614	0.021	ng	#	75
16) Acenaphthylene	14.02	152	15054	0.289	ng		99
17) Acenaphthene	14.37	154	5676	0.169	ng		99
18) Fluorene	15.36	166	7487	0.174	ng		95
23) Phenanthrene	17.09	178	245389	3.907	ng		100
24) Anthracene	17.18	178	24045	0.424	ng	#	96
26) Fluoranthene	19.12	202	526027	6.735	ng		99
28) Pyrene	19.48	202	420622	5.874	ng		96
30) Benzo(a)anthracene	21.23	228	157926	2.043	ng		98
31) Chrysene	21.28	228	218761	2.903	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	2579	0.065	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.67	276	174944	1.854	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	325268	3.919	ng		99
36) Benzo(k)fluoranthene	22.81	252	325268	3.963	ng		100
37) Benzo(a)pyrene	23.37	252	189898	2.434	ng		100
38) Dibenzo(a,h)anthracene	25.68	278	37646	0.472	ng	#	85
39) Benzo(g,h,i)perylene	26.35	276	184477	2.336	ng		99

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

Quantitation Report (Not Reviewed)

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ALS Vial : 18 Sample Multiplier: 1

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PST-024-B269-092519DL

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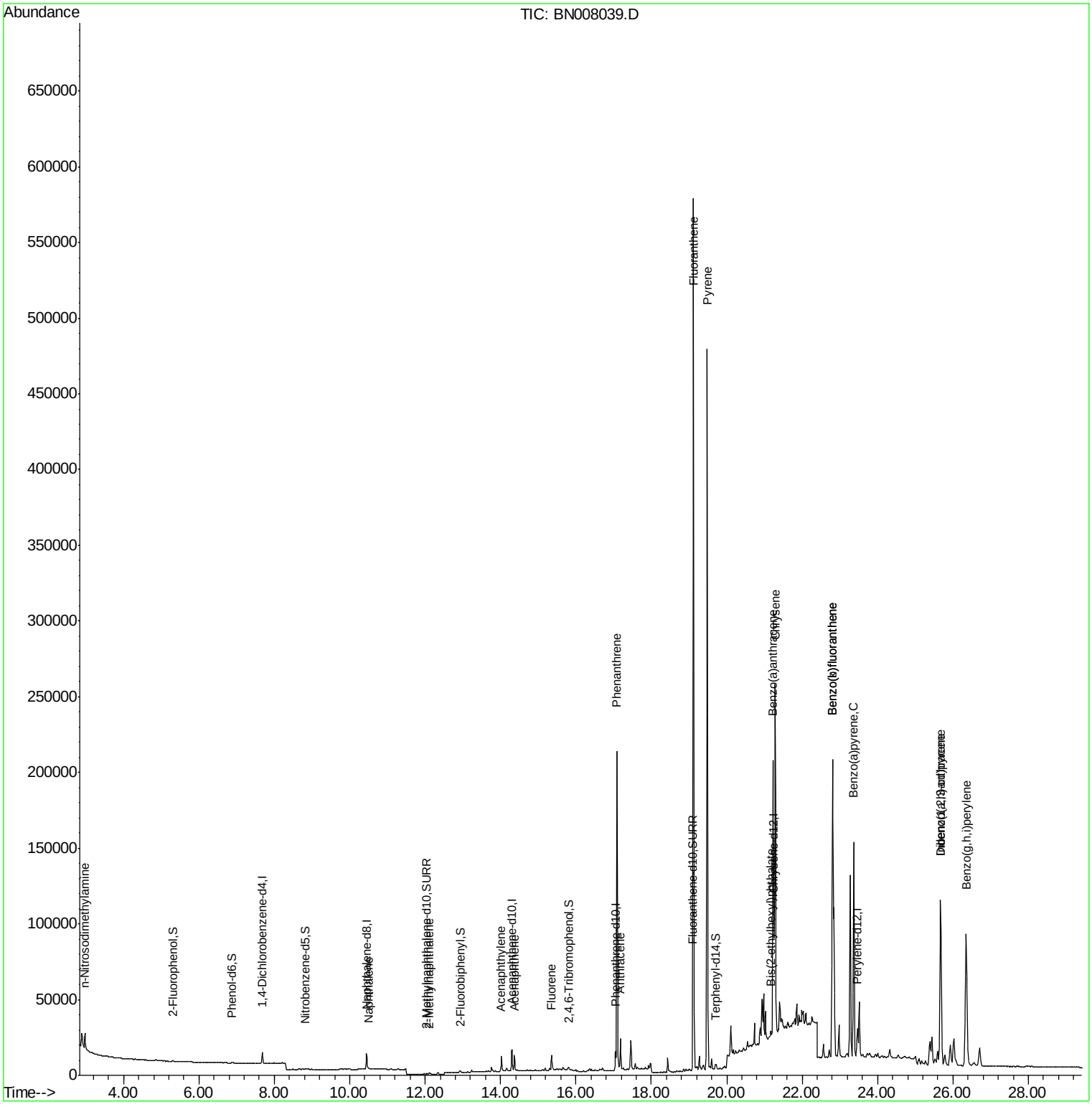
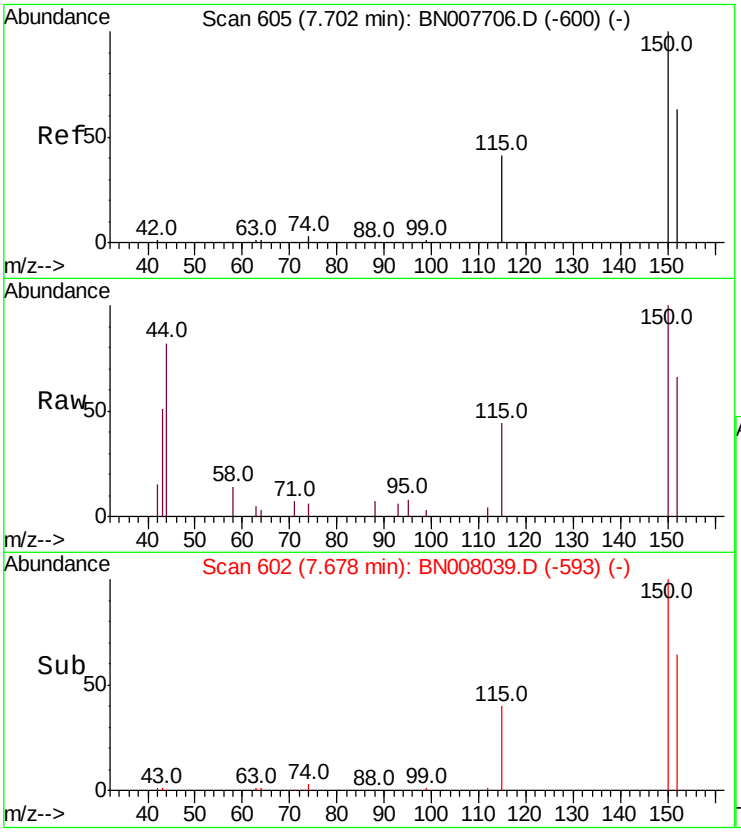
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



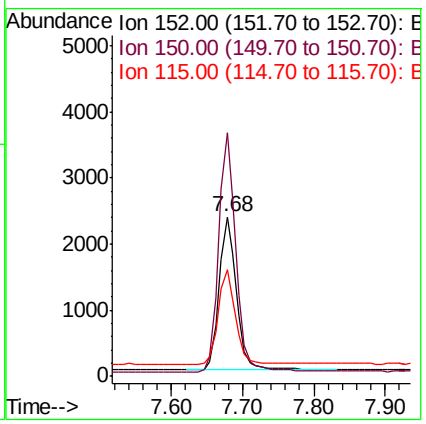


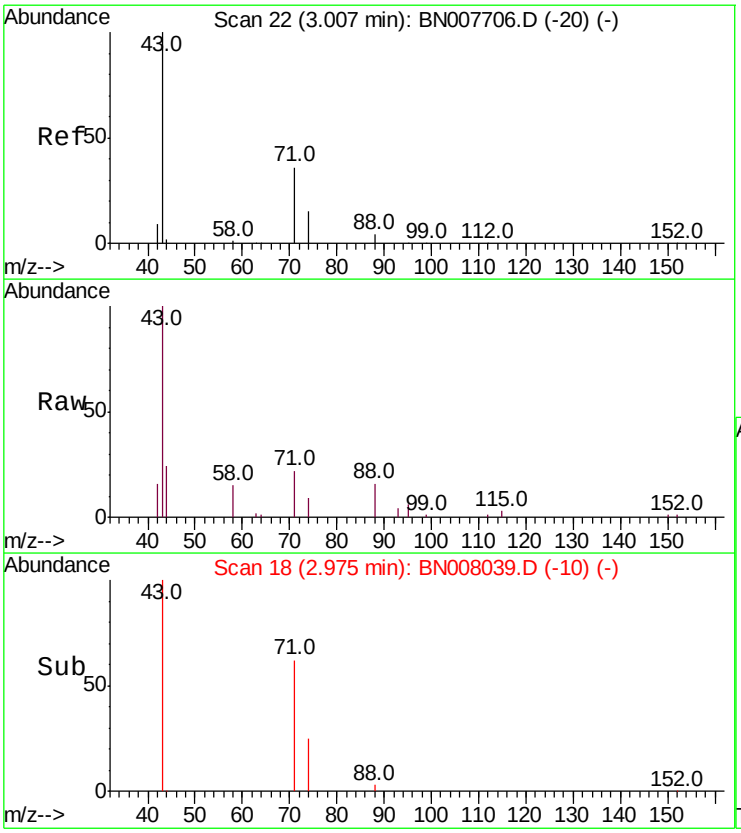
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:152 Resp: 3896

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.6	188.4
115	67.2	53.3	79.9

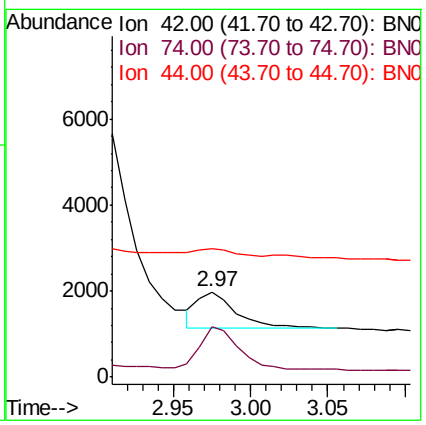


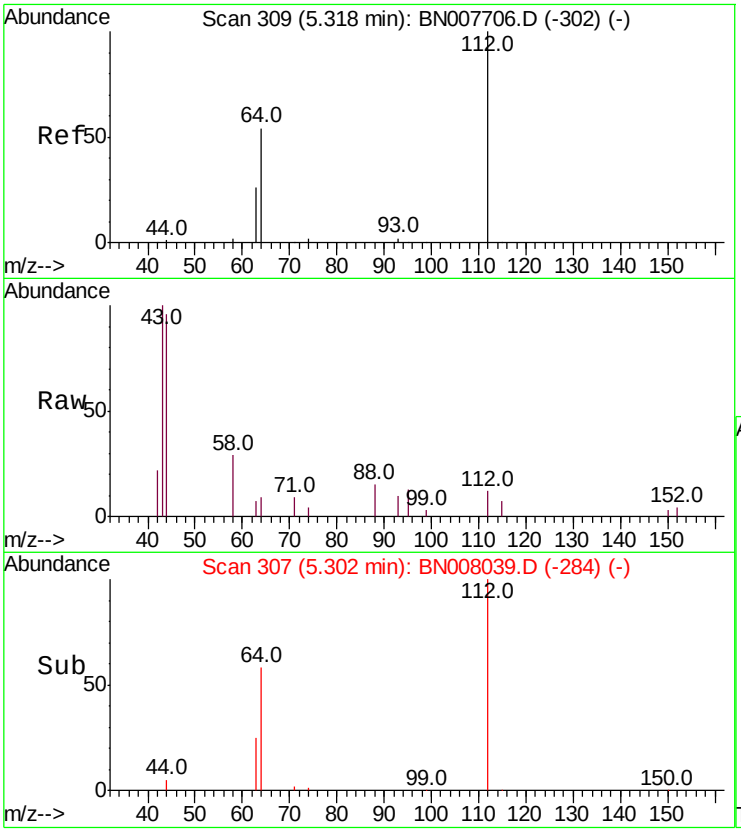


#3
n-Nitrosodimethylamine
Concen: 0.718 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion: 42 Resp: 1428

Ion	Ratio	Lower	Upper
42	100		
74	127.4	87.9	131.9
44	45.5	29.4	44.0#



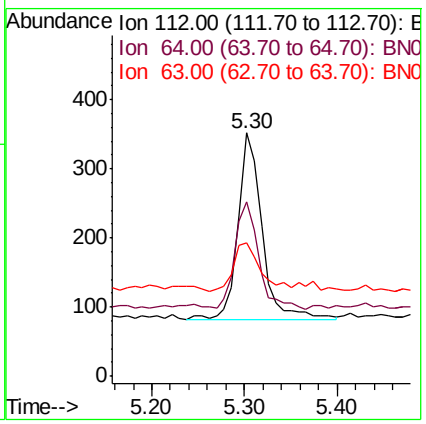


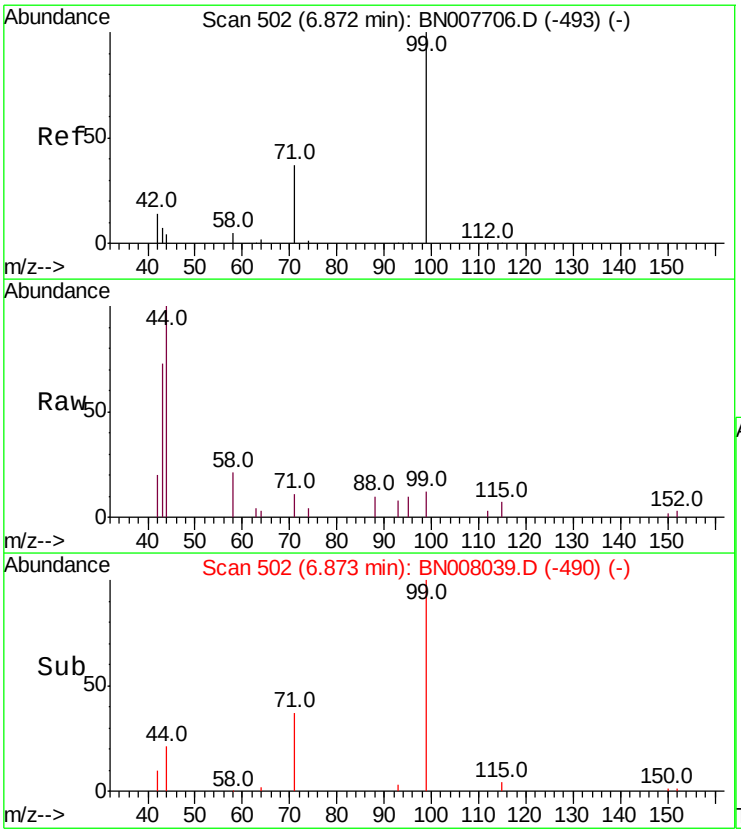
#4
2-Fluorophenol
Concen: 0.036 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:112 Resp: 485

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.6	70.0
63	28.7	23.1	34.7

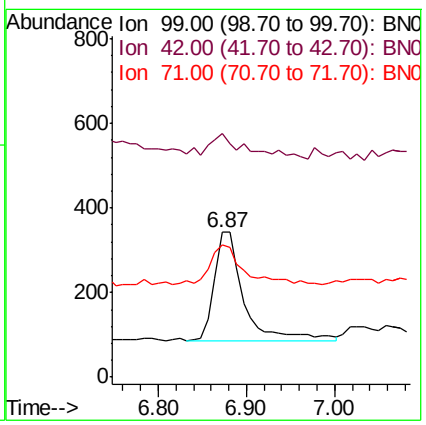


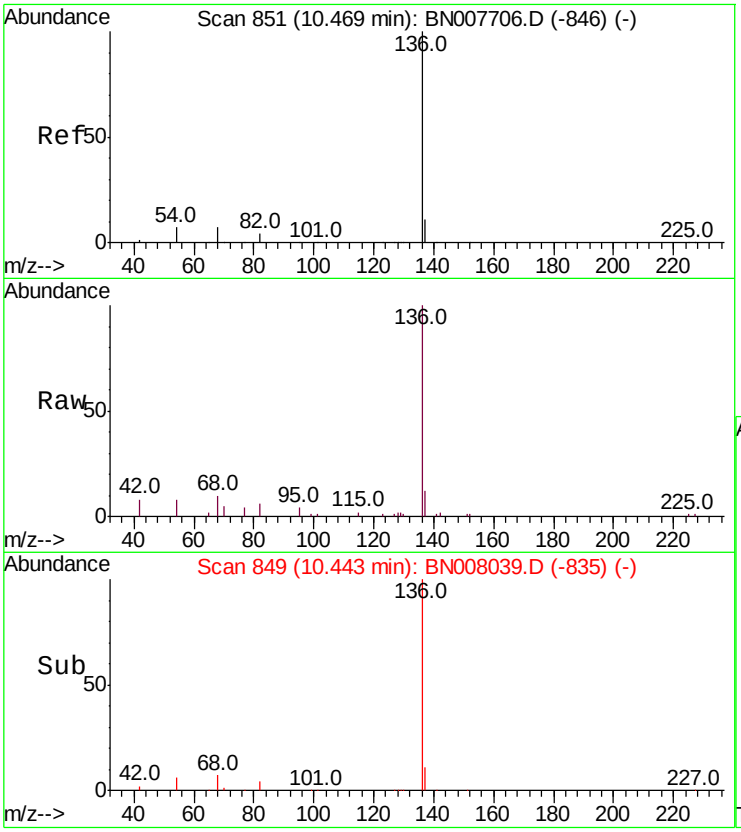


#5
Phenol-d6
Concen: 0.029 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion: 99 Resp: 582

Ion	Ratio	Lower	Upper
99	100		
42	32.0	12.8	19.2#
71	43.8	27.6	41.4#



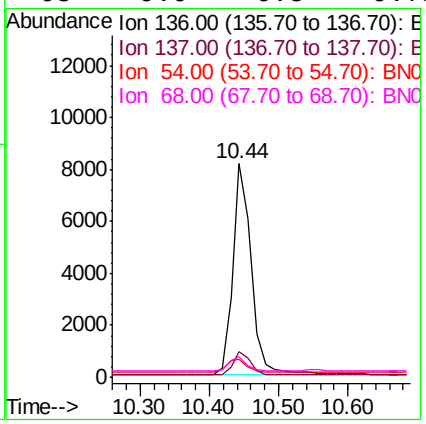


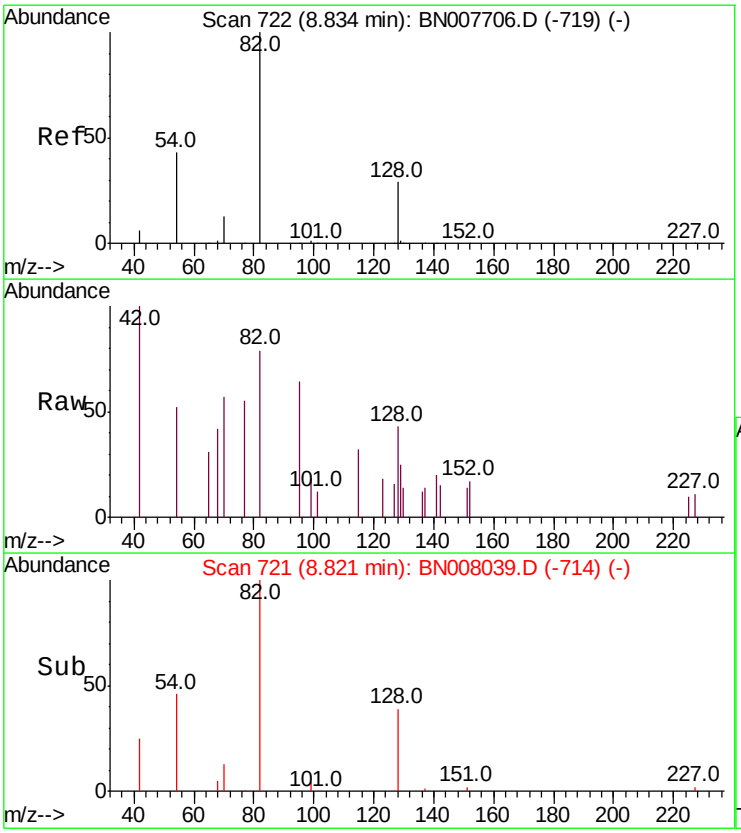
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:136 Resp: 15519

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.4	5.8	8.8
68	9.9	6.5	9.7#

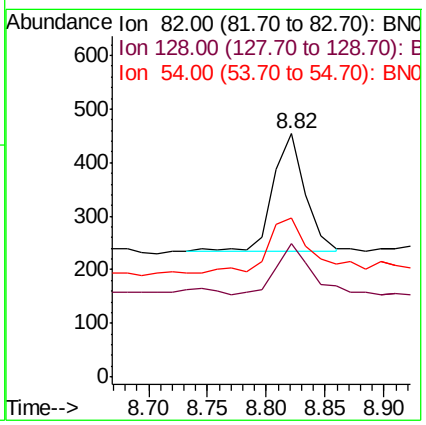


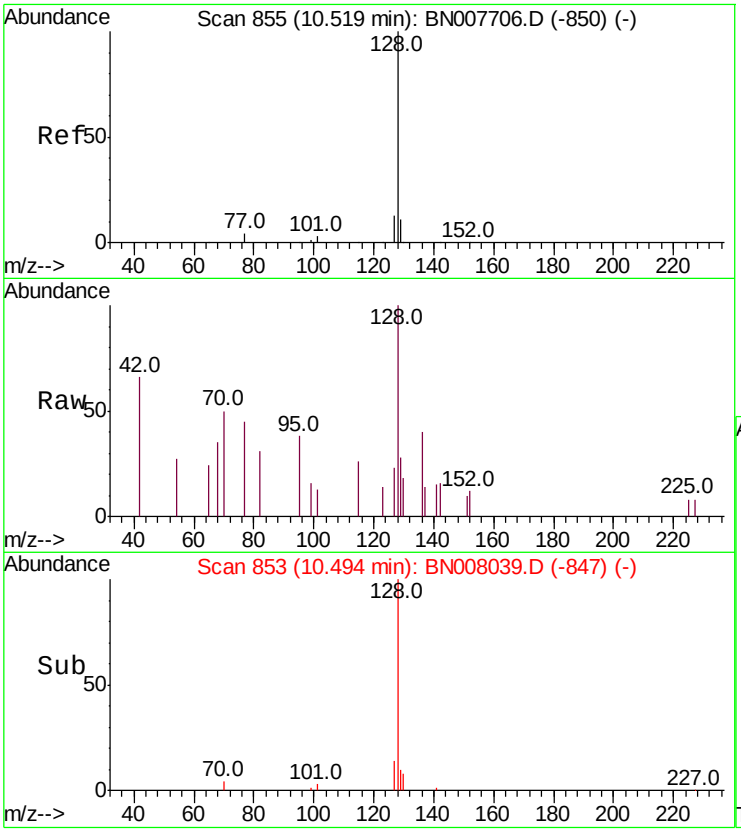


#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion: 82 Resp: 425

Ion	Ratio	Lower	Upper
82	100		
128	54.8	24.5	36.7#
54	65.4	35.2	52.8#



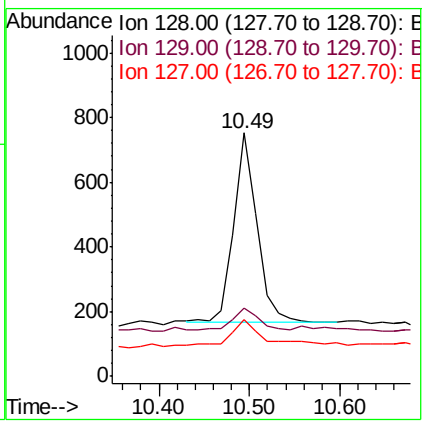


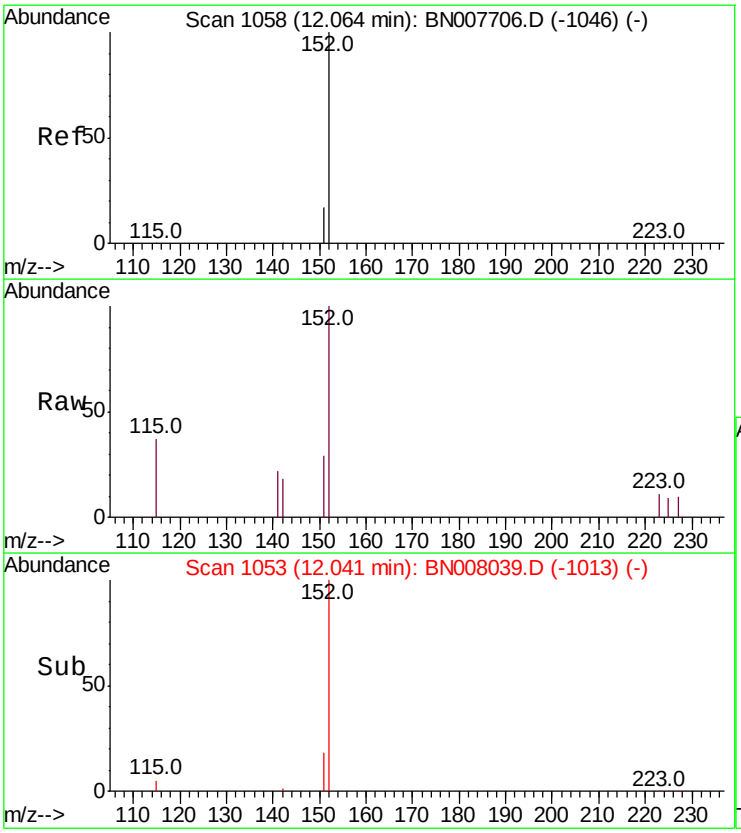
#9
Naphthalene
Concen: 0.024 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:128 Resp: 1043

Ion	Ratio	Lower	Upper
128	100		
129	27.9	9.1	13.7#
127	23.2	10.6	15.8#

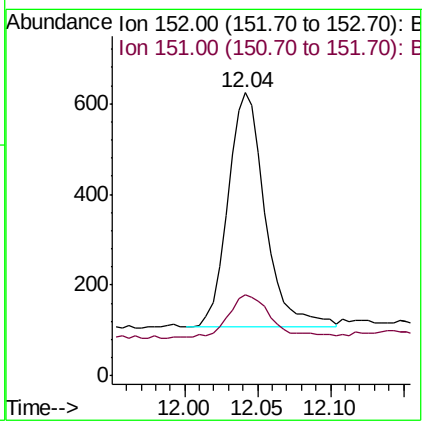


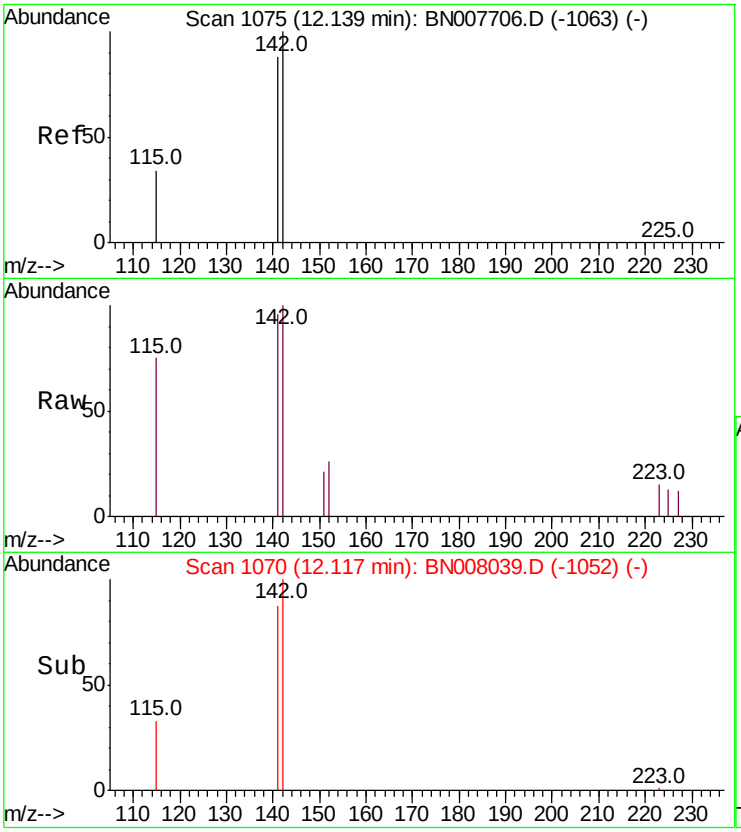


#11
2-Methylnaphthalene-d10
Concen: 0.035 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:152 Resp: 921

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.4	23.2



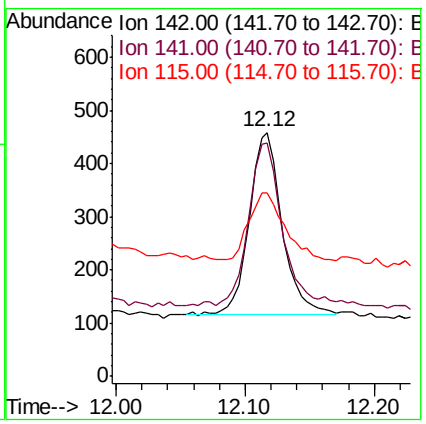


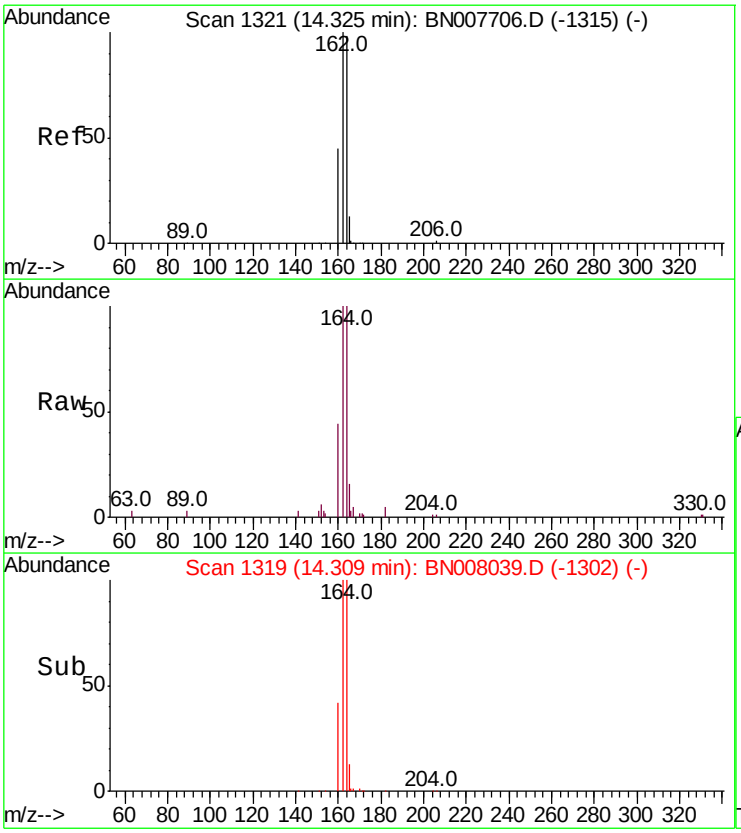
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:142 Resp: 614

Ion	Ratio	Lower	Upper
142	100		
141	95.6	70.6	106.0
115	75.3	28.3	42.5#

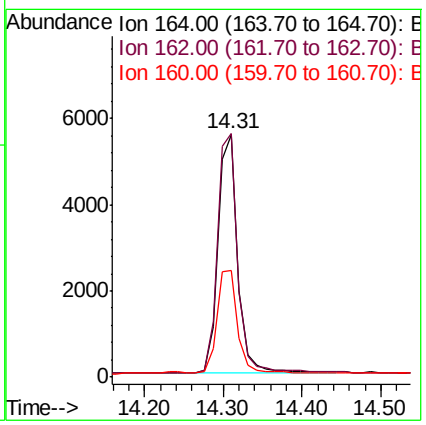


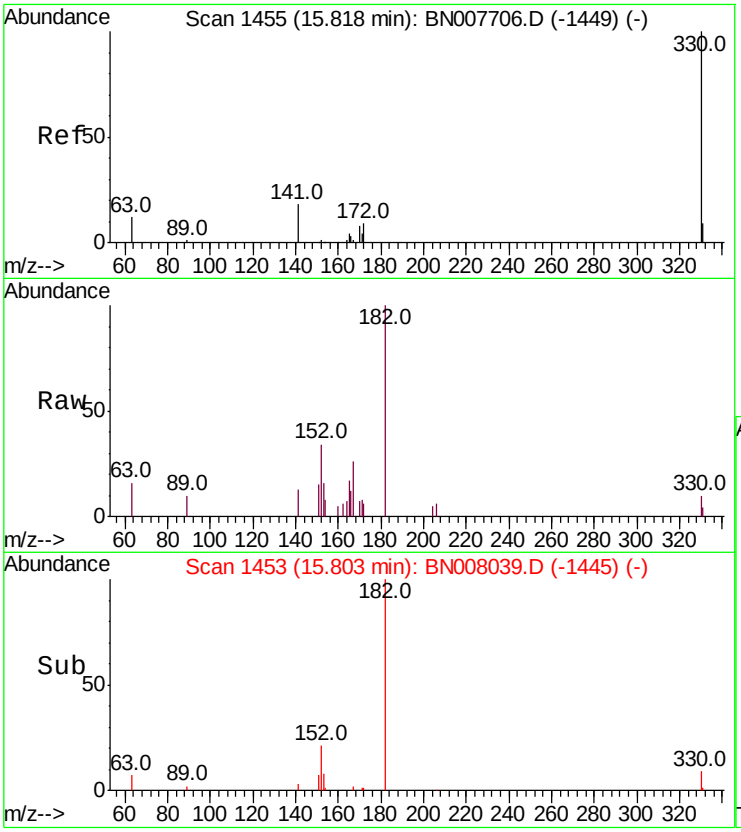


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:164 Resp: 9833

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.7	122.5
160	43.7	37.0	55.4



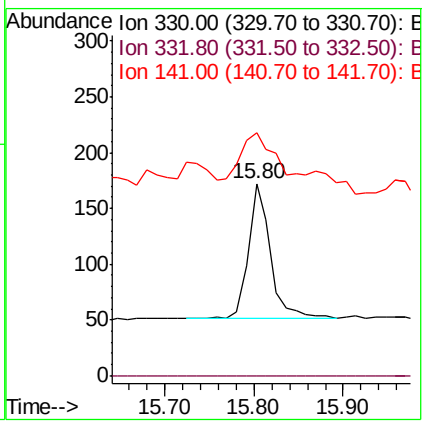


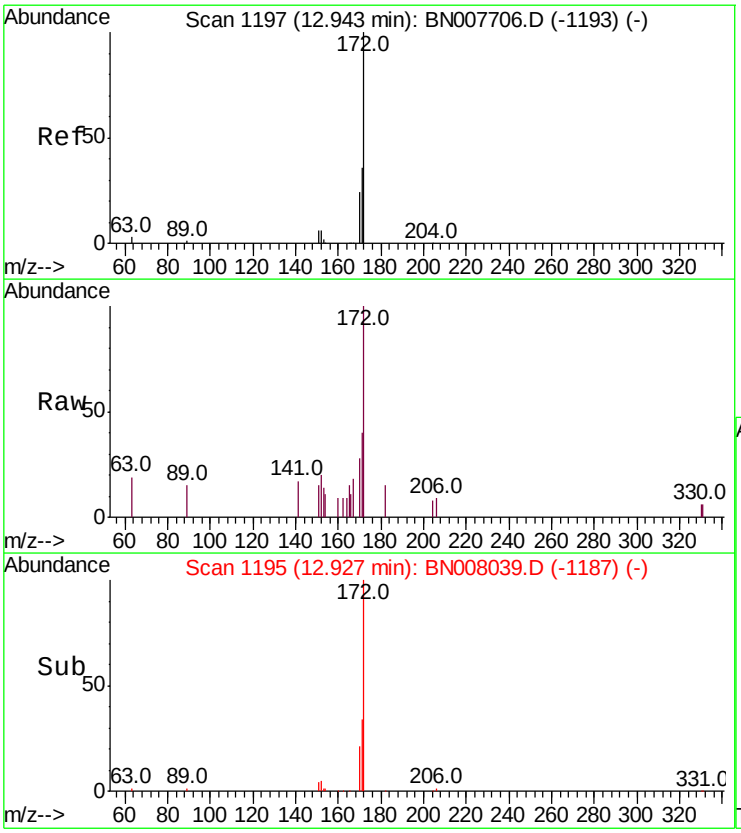
#14
2,4,6-Tribromophenol
Concen: 0.040 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:330 Resp: 214

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.5	28.7	43.1#

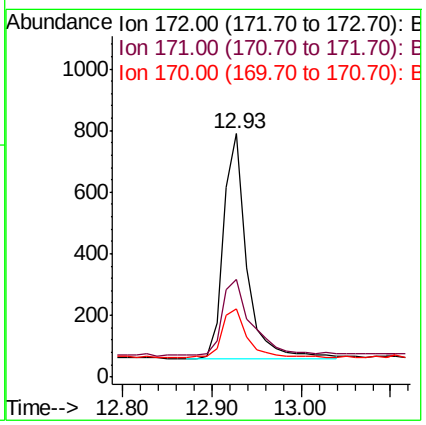


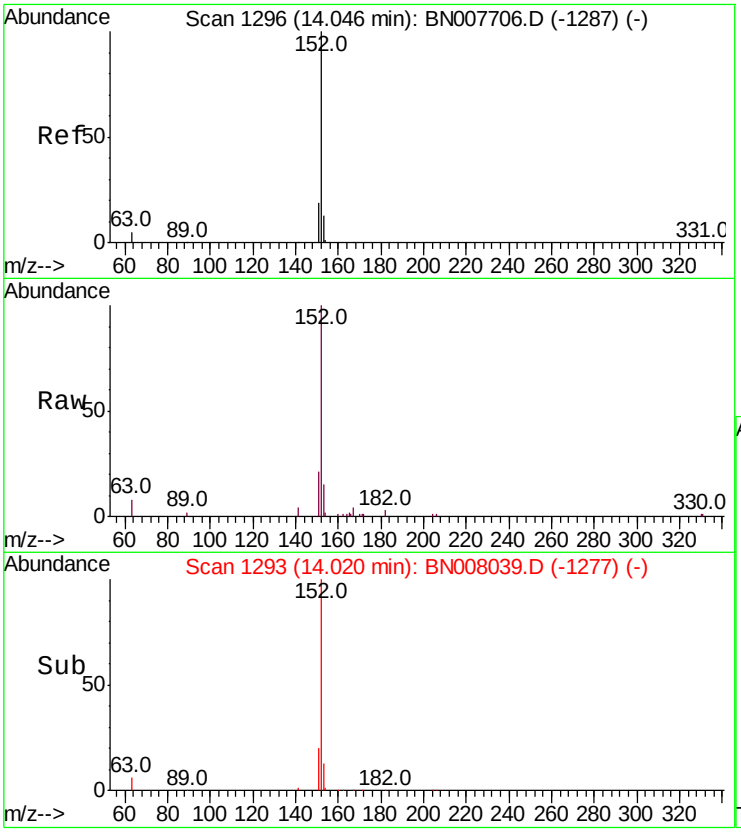


#15
2-Fluorobiphenyl
Concen: 0.032 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:172 Resp: 1308

Ion	Ratio	Lower	Upper
172	100		
171	40.0	28.8	43.2
170	28.0	19.5	29.3



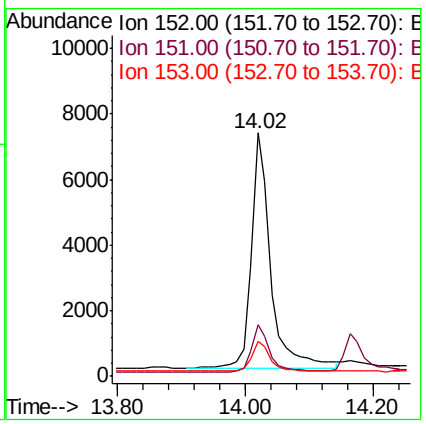


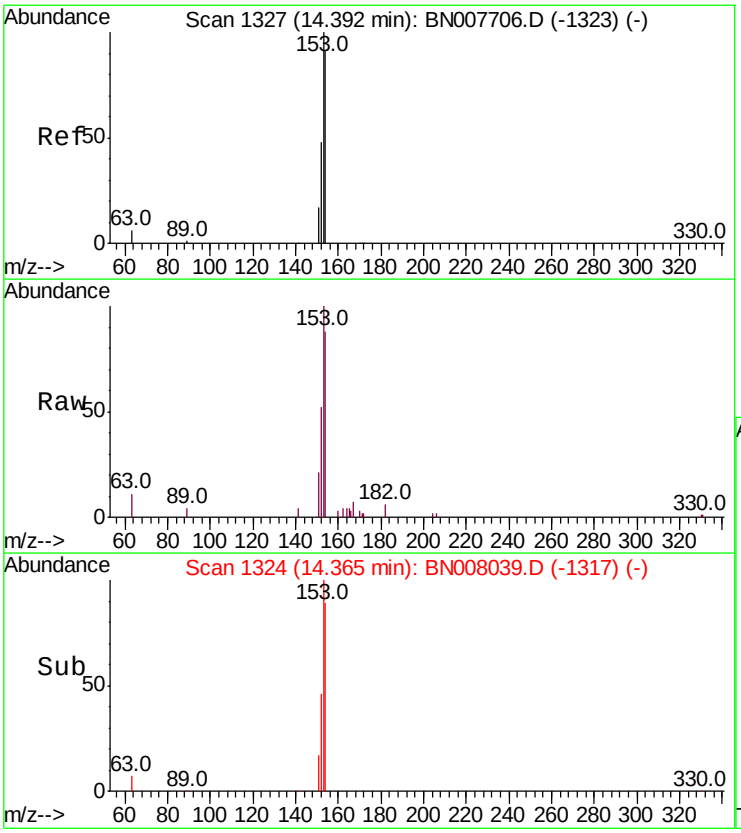
#16
Acenaphthylene
Concen: 0.289 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:152 Resp: 15054

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.5	10.4	15.6

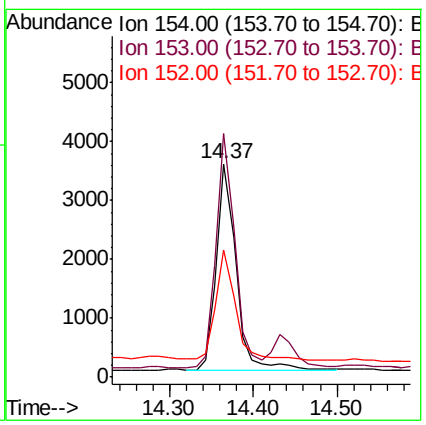


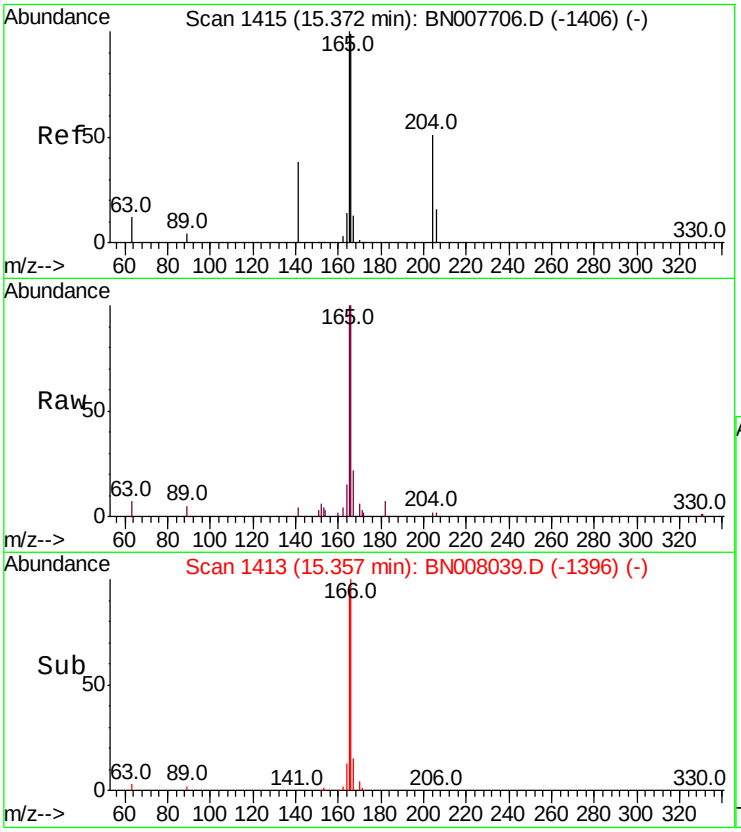


#17
Acenaphthene
Concen: 0.169 ng
RT: 14.37 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:154 Resp: 5676

Ion	Ratio	Lower	Upper
154	100		
153	109.7	87.0	130.4
152	55.1	42.7	64.1



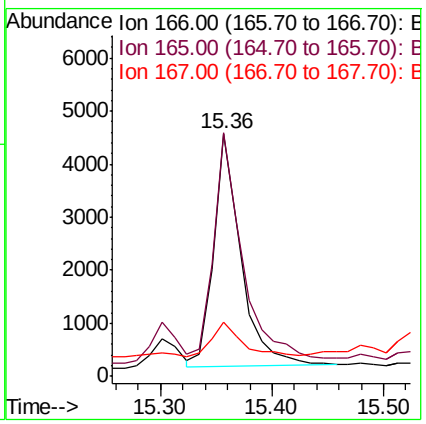


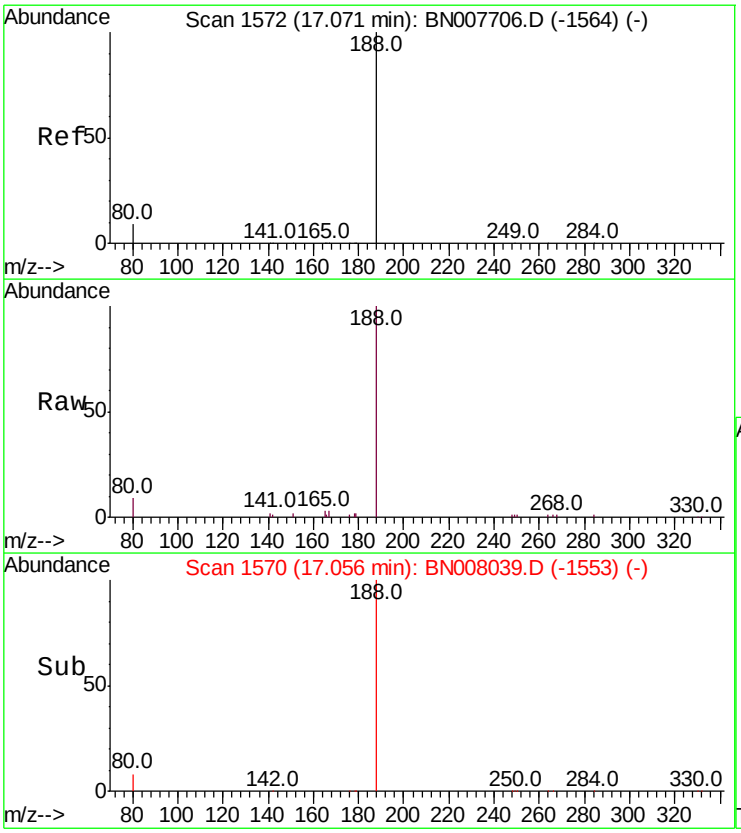
#18
Fluorene
Concen: 0.174 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:166 Resp: 7487

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.0	117.0
167	15.9	10.9	16.3

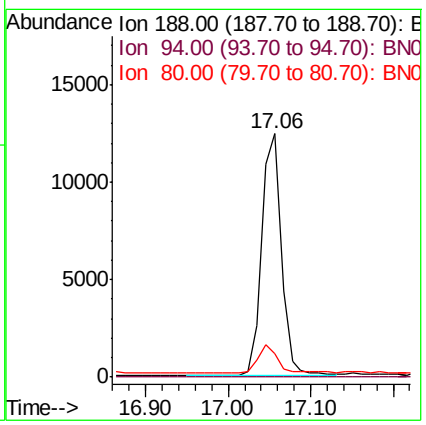


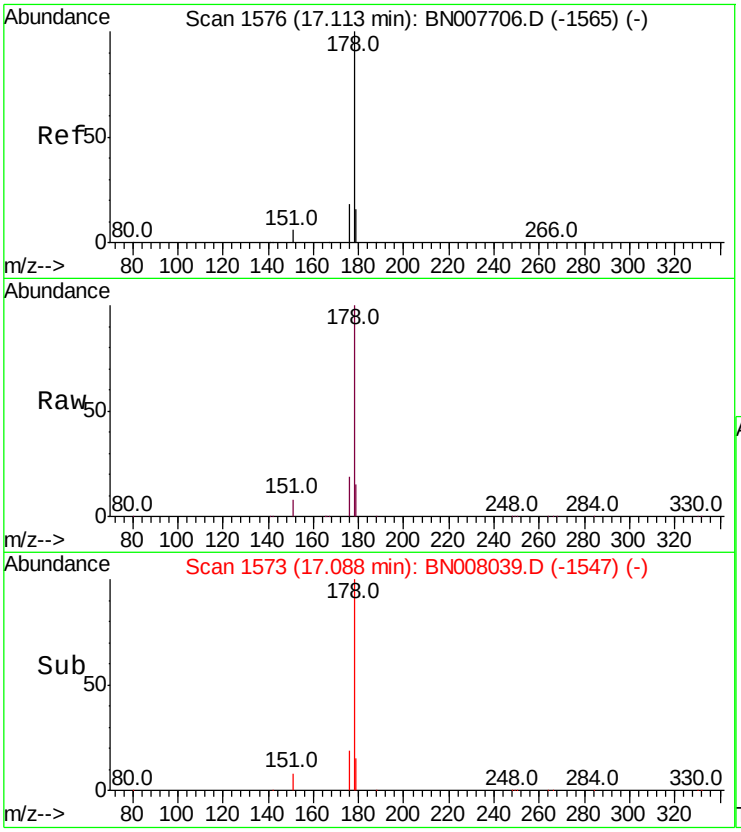


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:188 Resp: 20162

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2



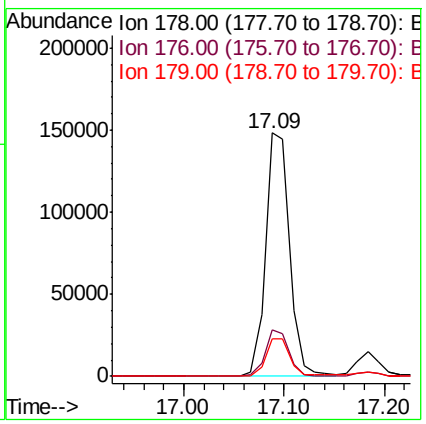


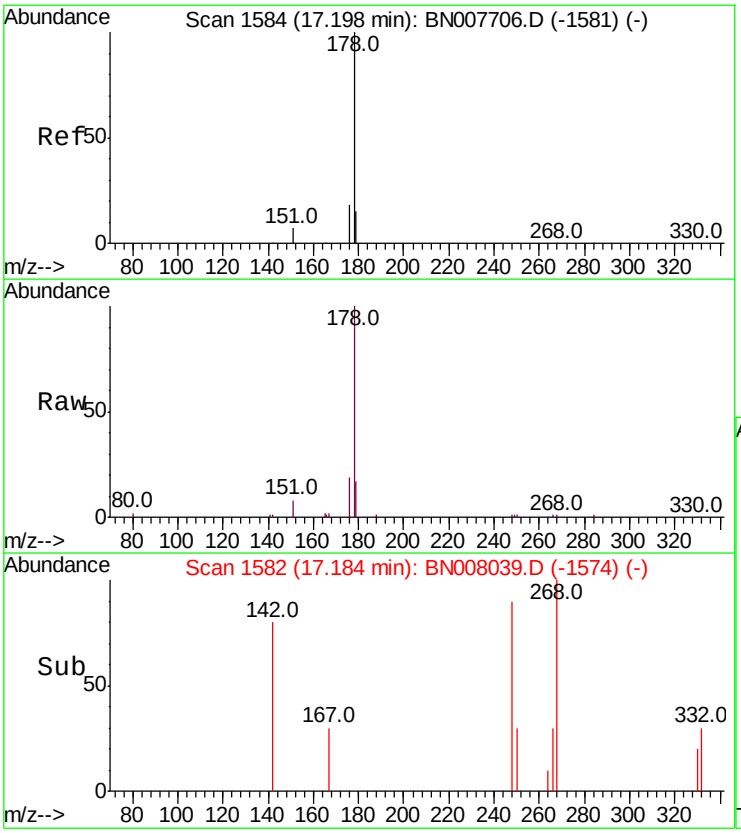
#23
Phenanthrene
Concen: 3.907 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:178 Resp: 245389

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.5	18.7

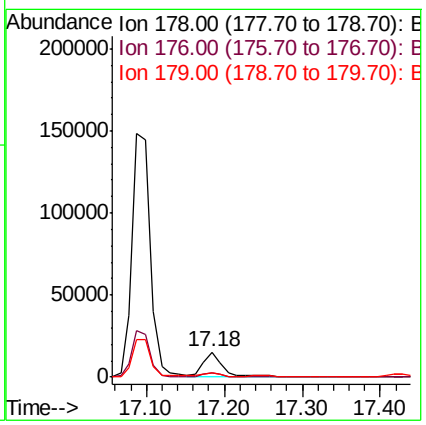


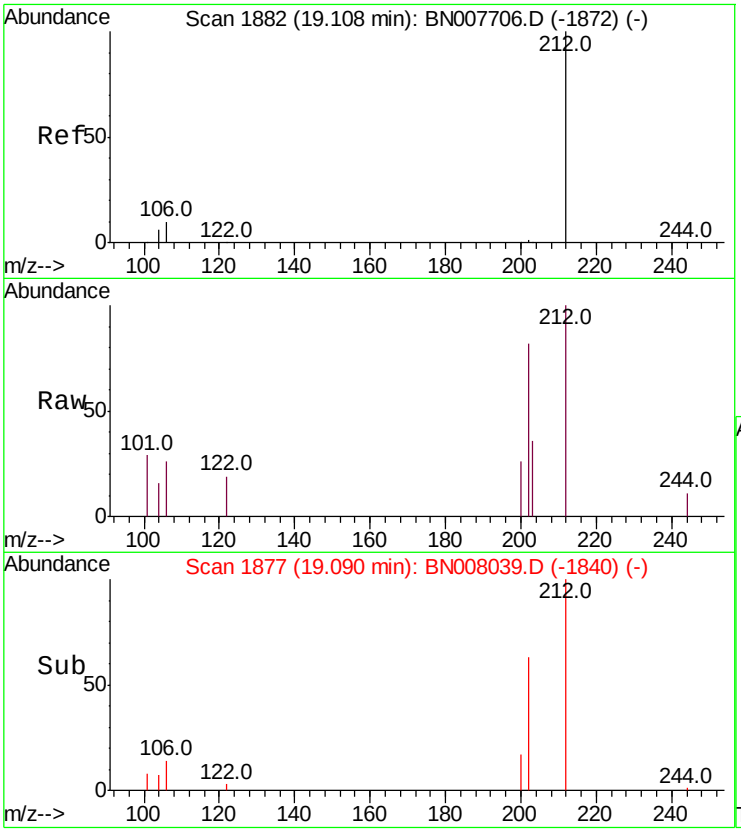


#24
Anthracene
Concen: 0.424 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:178 Resp: 24045

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	18.5	12.2	18.4#



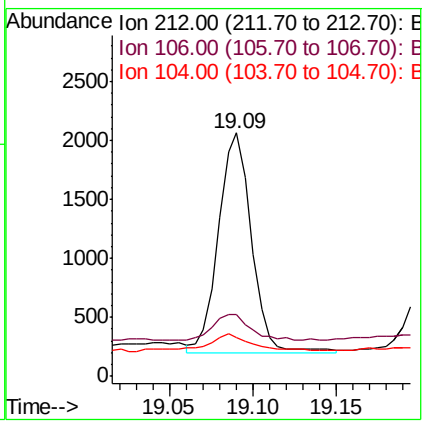


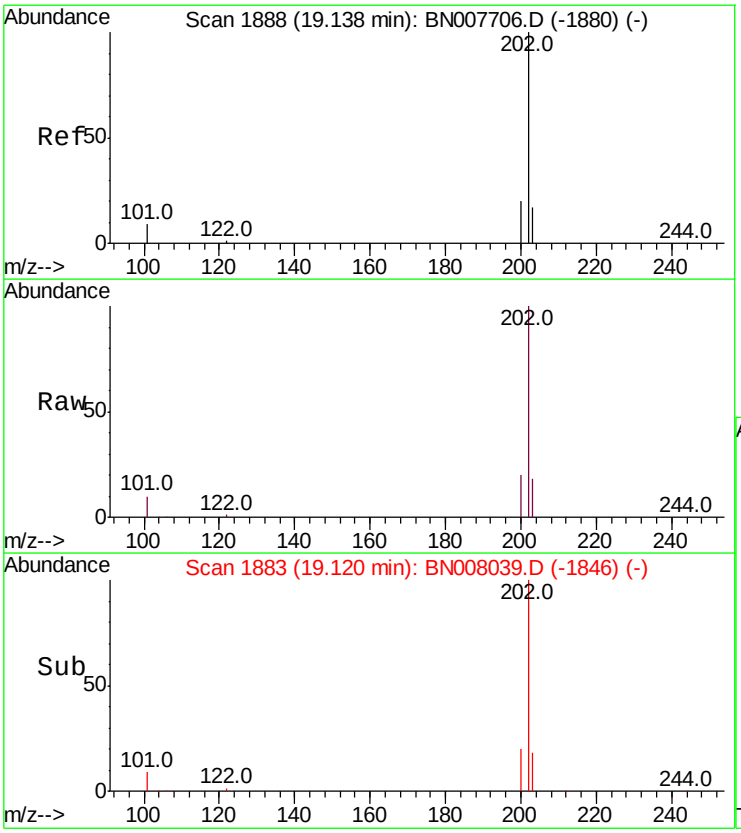
#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.09 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:212 Resp: 2572

Ion	Ratio	Lower	Upper
212	100		
106	13.4	9.4	14.0
104	10.8	5.3	7.9#

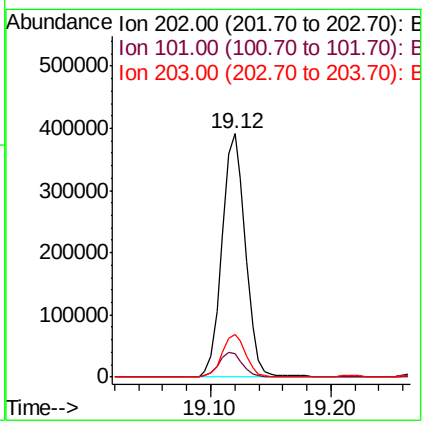


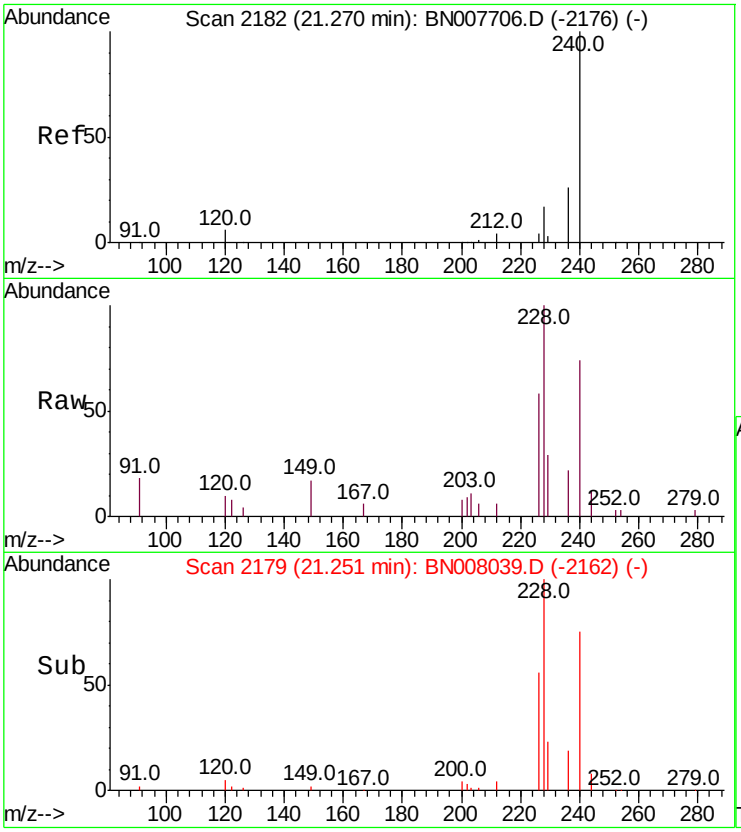


#26
Fluoranthene
Concen: 6.735 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:202 Resp: 526027

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.5	13.8	20.8



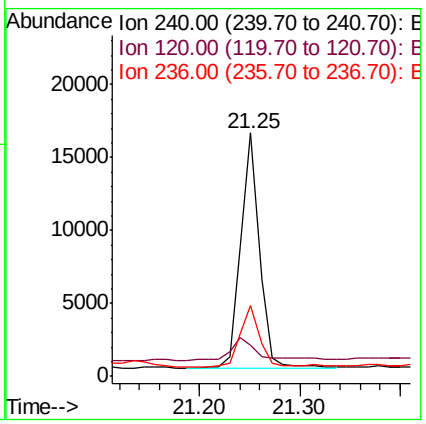


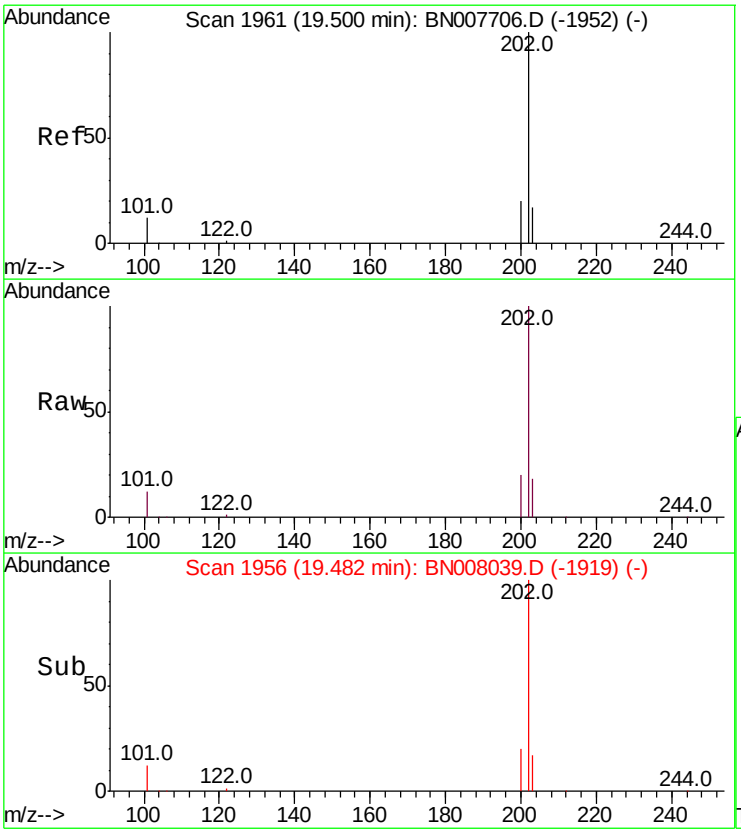
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:240 Resp: 20994

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.4	8.2#
236	28.9	21.0	31.4

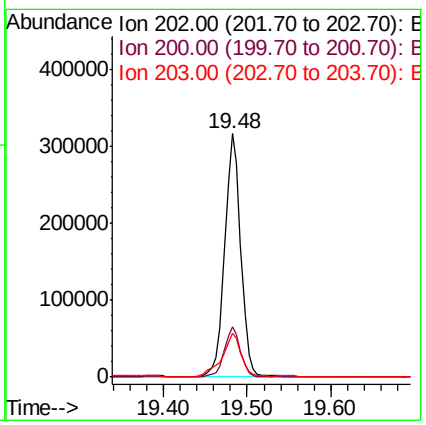


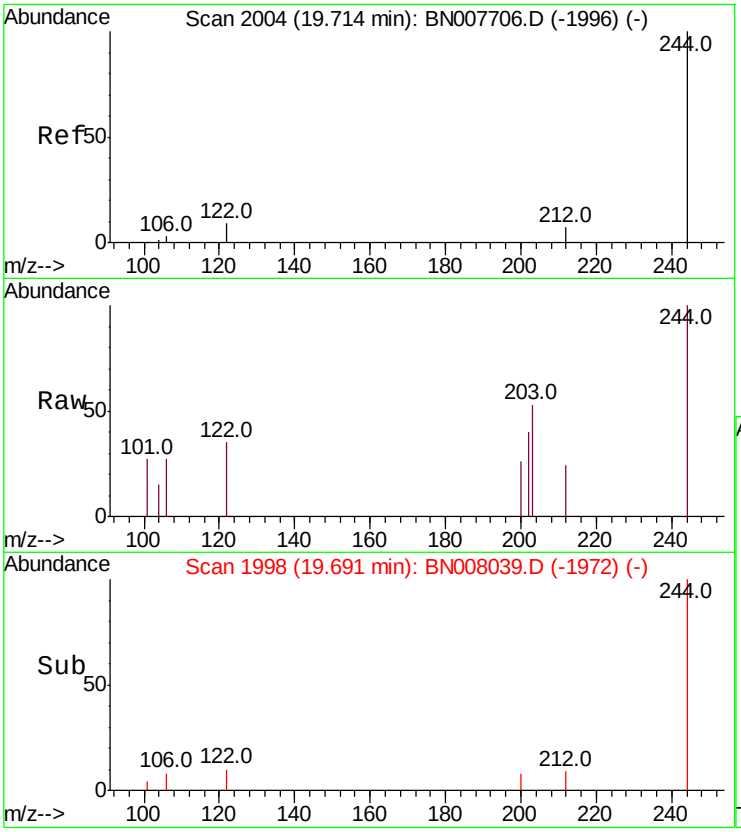


#28
Pyrene
Concen: 5.874 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:202 Resp: 420622

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.0	14.1	21.1



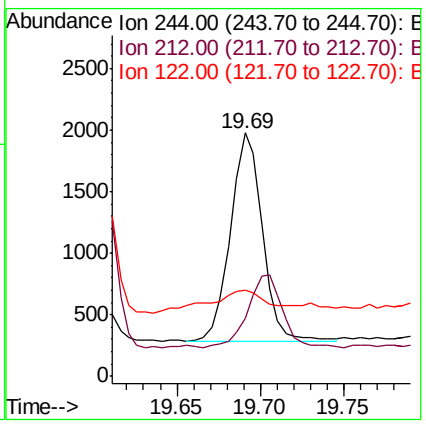


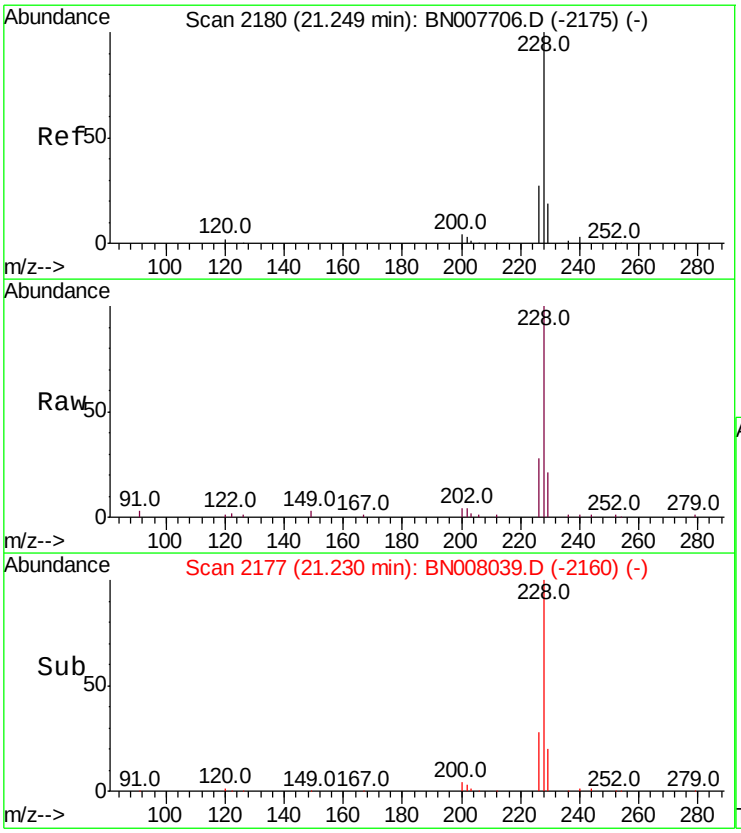
#29
Terphenyl-d14
Concen: 0.043 ng
RT: 19.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:244 Resp: 2238

Ion	Ratio	Lower	Upper
244	100		
212	23.9	5.9	8.9#
122	35.5	7.4	11.2#

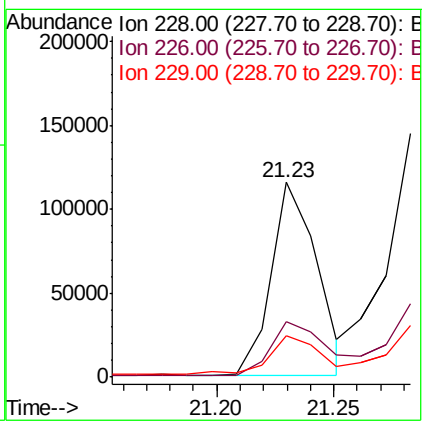


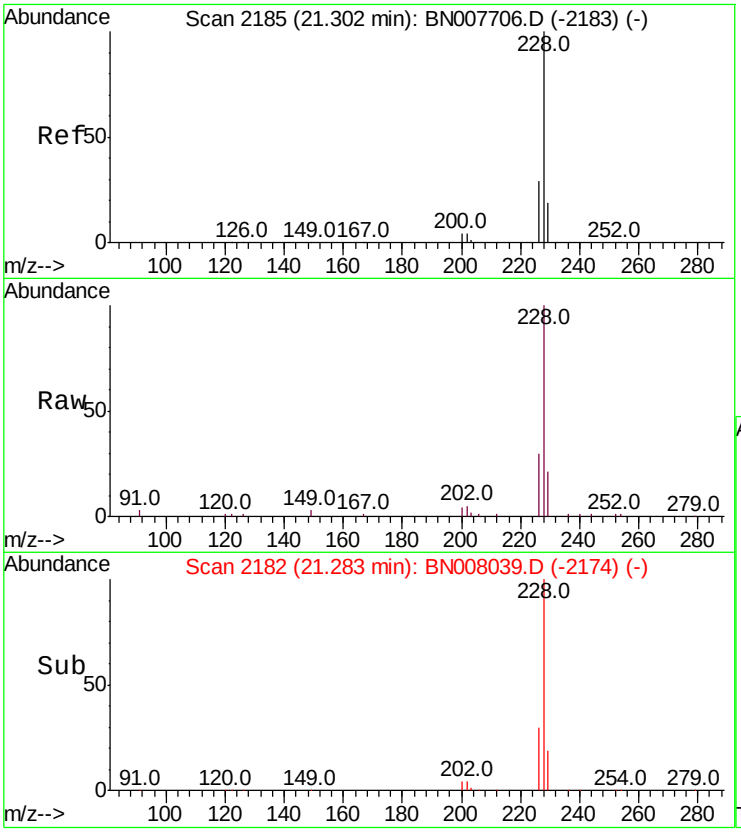


#30
Benzo(a)anthracene
Concen: 2.043 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:228 Resp: 157926

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.9	15.8	23.6



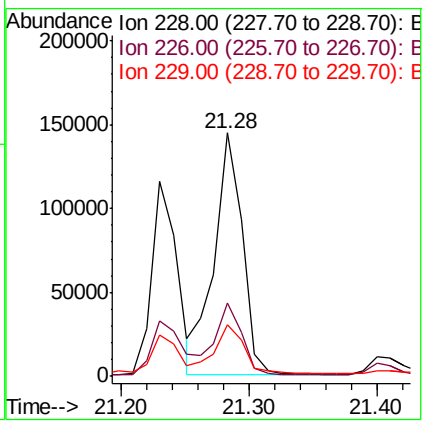


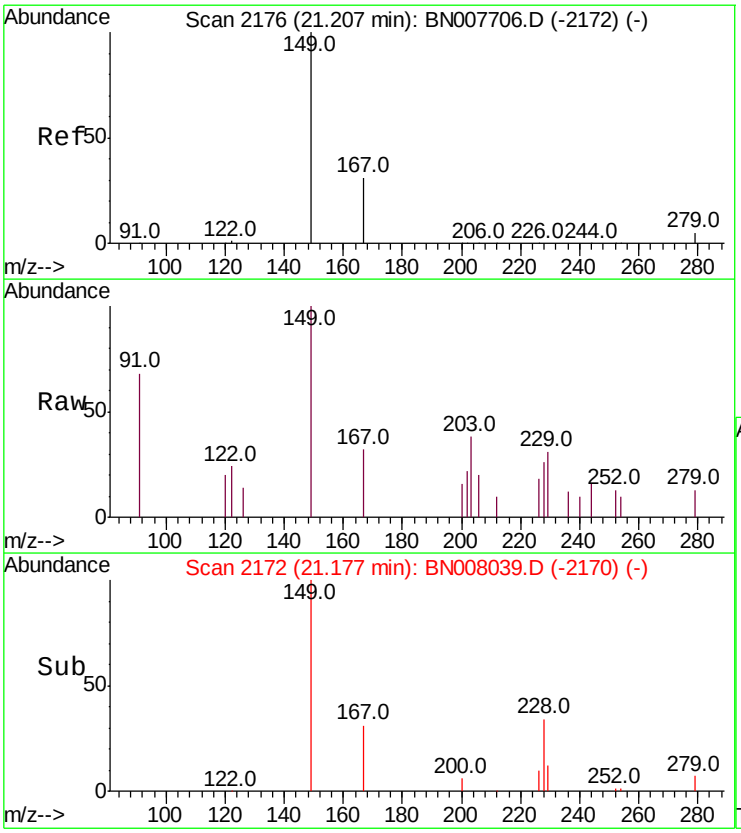
#31
Chrysene
Concen: 2.903 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:228 Resp: 218761

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	21.3	15.8	23.6

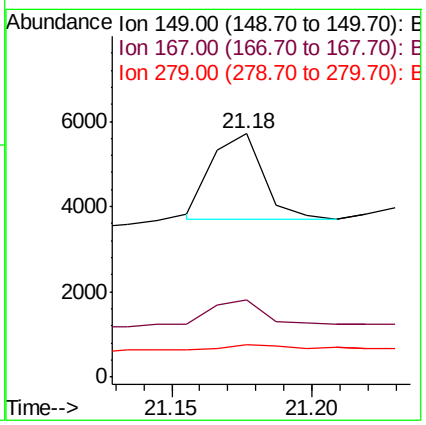


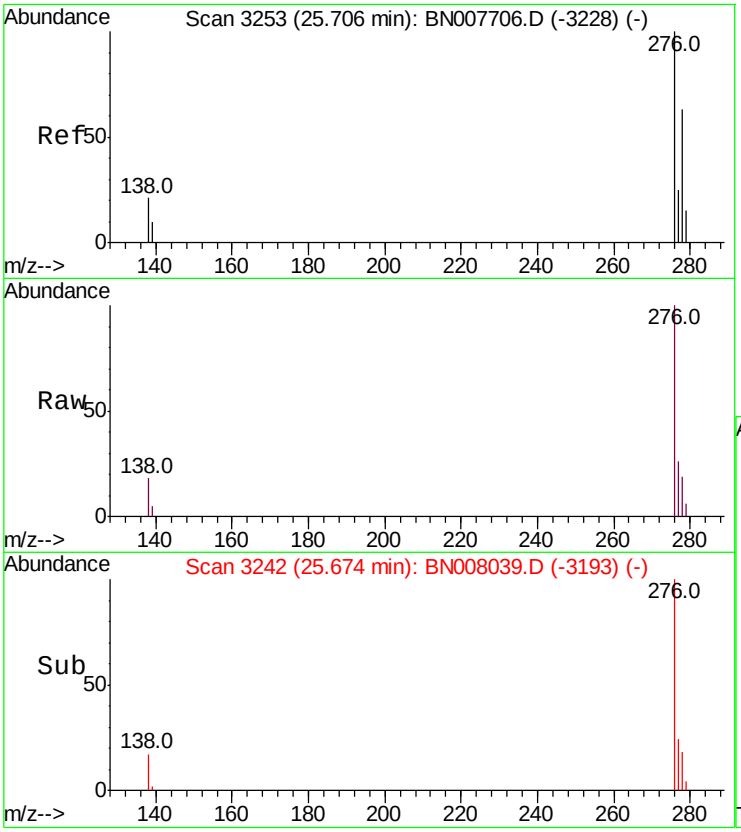


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:149 Resp: 2579

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.7	35.5
279	9.8	4.2	6.2#



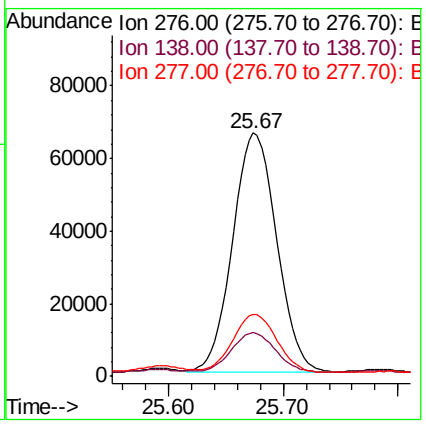


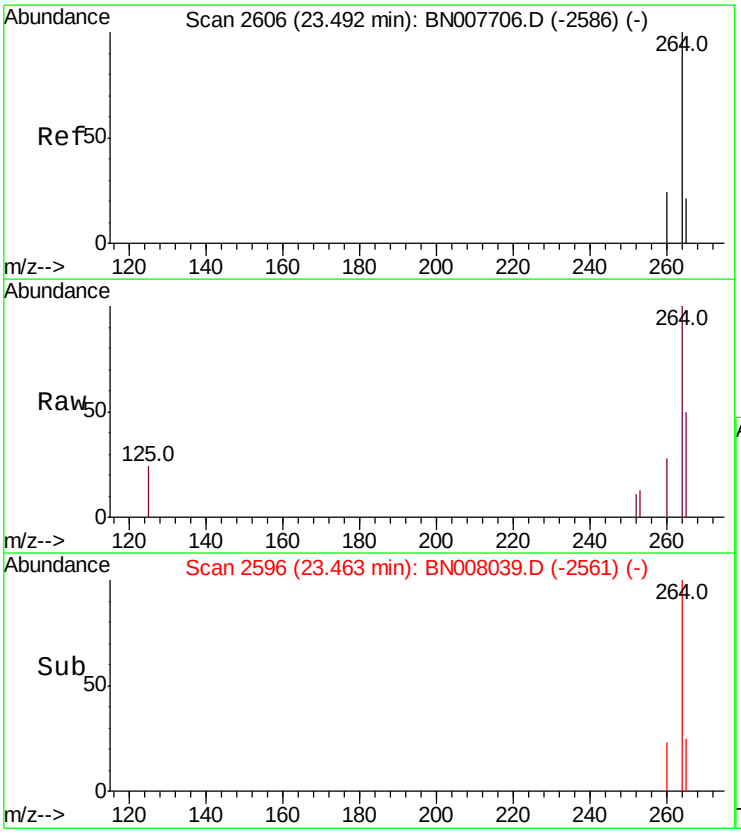
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.854 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:276 Resp: 174944

Ion	Ratio	Lower	Upper
276	100		
138	16.7	17.1	25.7#
277	24.6	20.0	30.0

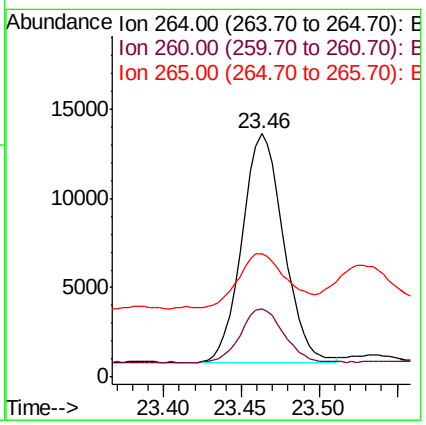


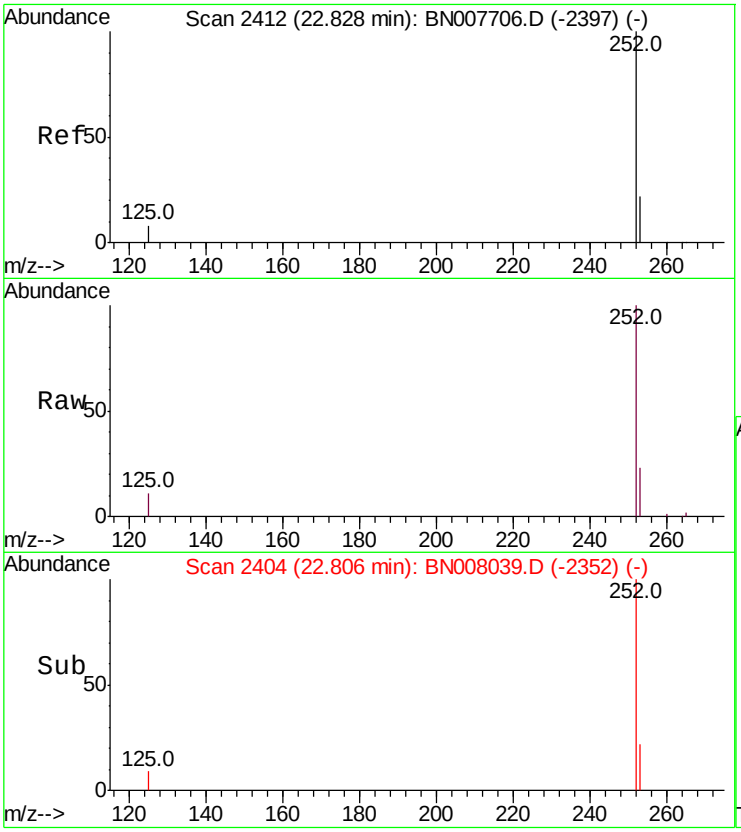


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:264 Resp: 23910

Ion	Ratio	Lower	Upper
264	100		
260	28.1	19.3	28.9
265	50.4	26.9	40.3#



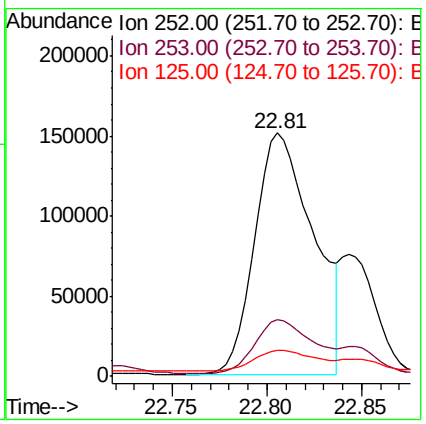


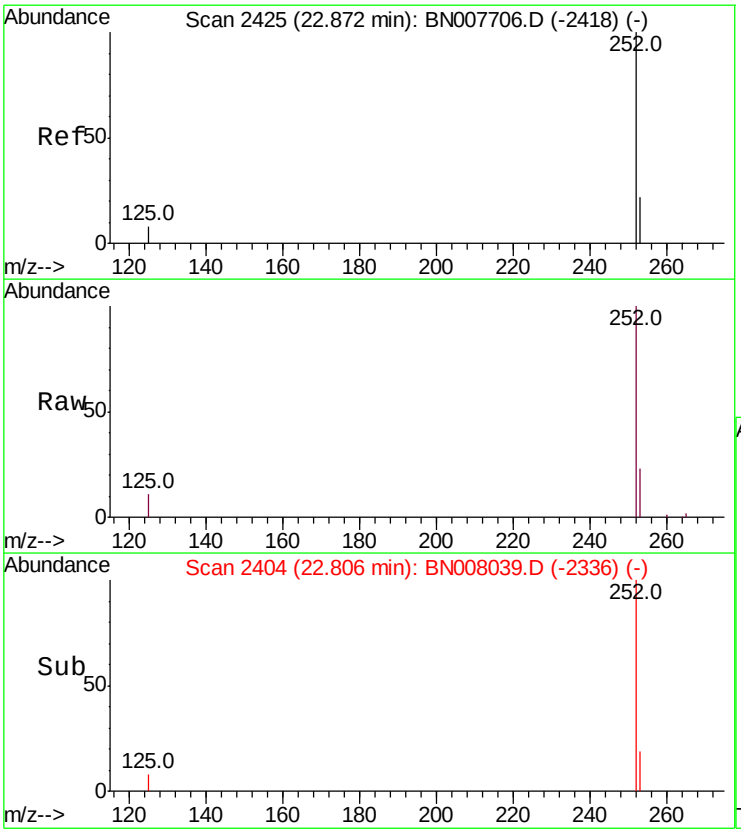
#35
Benzo(b)fluoranthene
Concen: 3.919 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:252 Resp: 325268

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	10.7	8.2	12.4

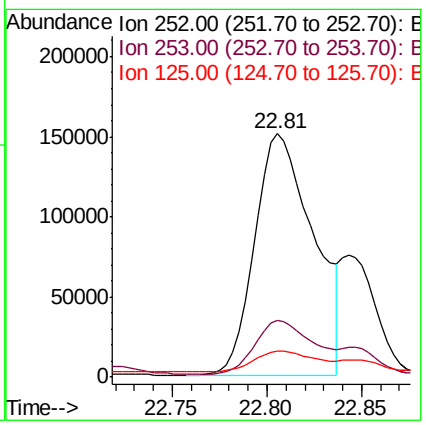


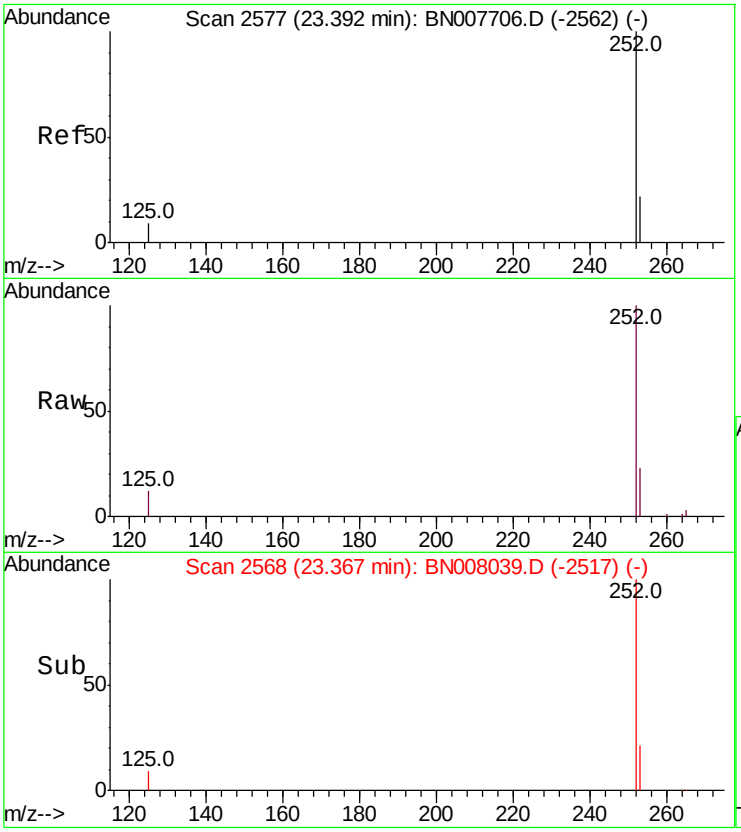


#36
Benzo(k)fluoranthene
Concen: 3.963 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.07 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:252 Resp: 325268

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	10.7	8.4	12.6



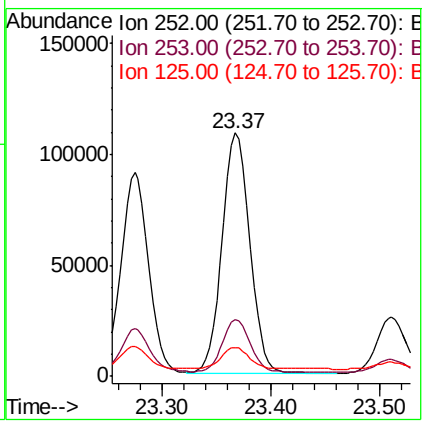


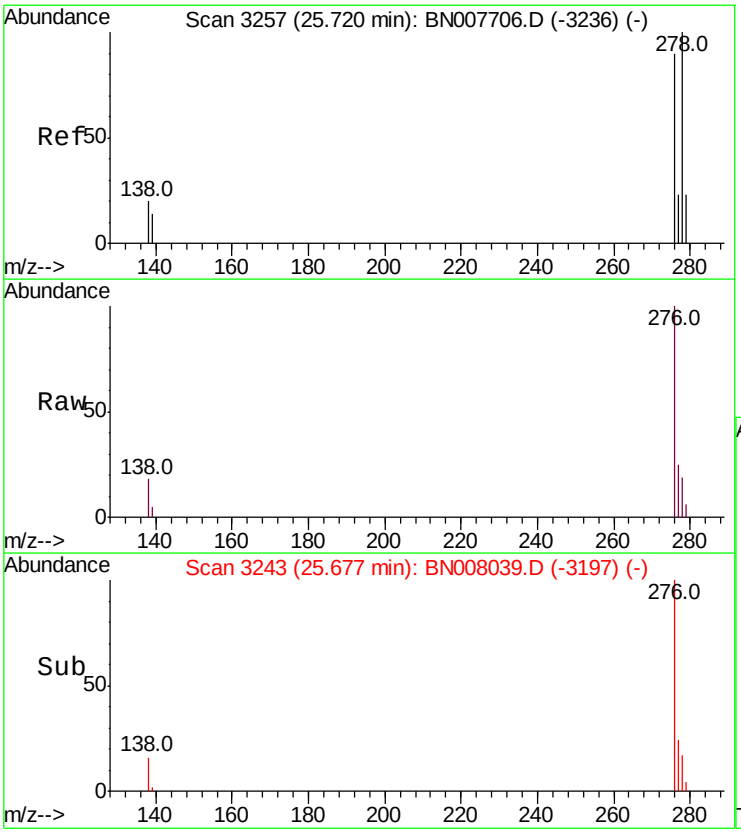
#37
Benzo(a)pyrene
Concen: 2.434 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:252 Resp: 189898

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	11.9	9.4	14.0

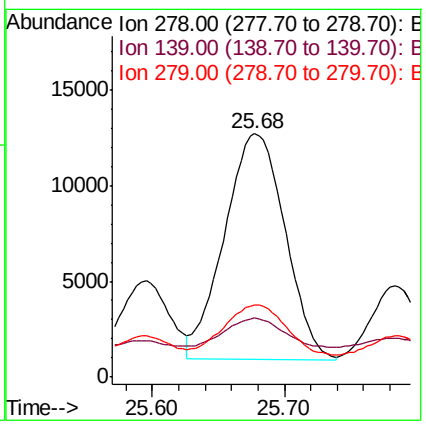


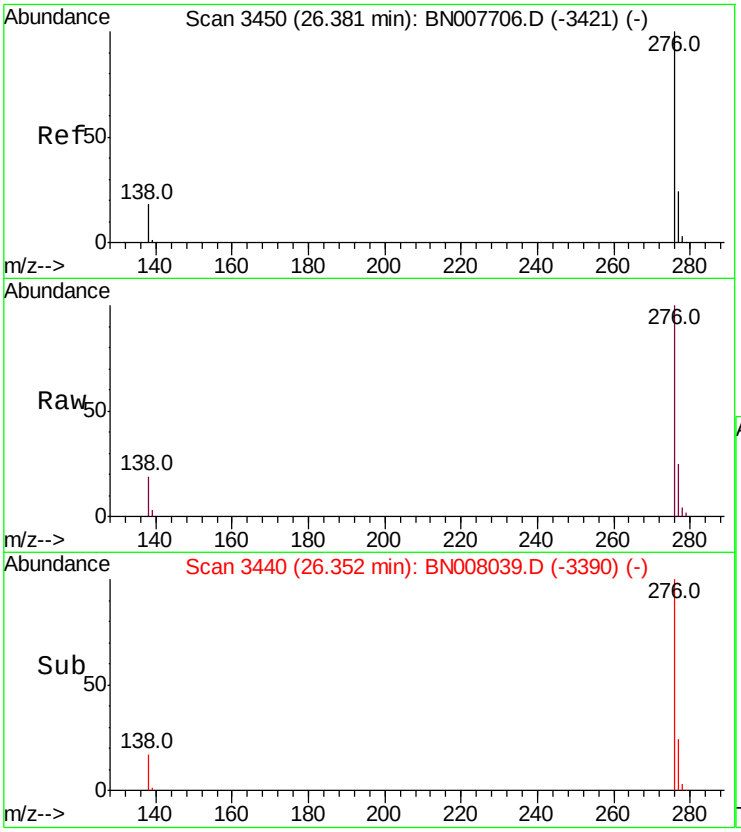


#38
Dibenzo(a,h)anthracene
Concen: 0.472 ng
RT: 25.68 min Scan# 3243
Delta R.T. -0.04 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Tgt Ion:278 Resp: 37646

Ion	Ratio	Lower	Upper
278	100		
139	24.4	11.8	17.6#
279	29.4	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 2.336 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN008039.D
Acq: 05 Oct 2019 23:01

Instrument :
BNA_N
ClientSampleId :
PST-024-B269-092519DL

Tgt Ion:276 Resp: 184477

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	18.5	15.1	22.7