Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008046.D
Acq On : 06 Oct 2019 05:36
Operator : JU
Sample : K5078-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW135-092519DL

Quant Time: Oct 07 00:17:56 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	3974	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	15697	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	9842	0.40	ng		-0.03
19) Phenanthrene-d10	17.05	188	20798	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	22362	0.40	ng		-0.02
34) Perylene-d12	23.46	264	25124	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	681	0.05	ng		-0.02
5) Phenol-d6	6.87	99	804	0.04	ng		0.00
8) Nitrobenzene-d5	8.82	82	716	0.05	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1517	0.06	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	291	0.05	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	2033	0.05	ng		-0.02
25) Fluoranthene-d10	19.09	212	4090	0.06	ng		-0.02
29) Terphenyl-d14	19.69	244	3450	0.06	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.97	42	3648	1.798	ng	#	90
9) Naphthalene	10.49	128	1800	0.041	ng	#	79
12) 2-Methylnaphthalene	12.11	142	1118	0.038	ng	#	86
16) Acenaphthylene	14.02	152	10139	0.194	ng		100
17) Acenaphthene	14.37	154	5637	0.168	ng		100
18) Fluorene	15.36	166	8046	0.187	ng		97
23) Phenanthrene	17.09	178	190075	2.934	ng		100
24) Anthracene	17.18	178	13797	0.236	ng	#	88
26) Fluoranthene	19.11	202	306143	3.800	ng		99
28) Pyrene	19.48	202	249571	3.272	ng		96
30) Benzo(a)anthracene	21.23	228	99313	1.206	ng		98
31) Chrysene	21.28	228	119182	1.485	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	4165	0.098	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.67	276	80409	0.800	ng	#	95
35) Benzo(b)fluoranthene	22.80	252	156727	1.797	ng		98
36) Benzo(k)fluoranthene	22.80	252	156727	1.817	ng		98
37) Benzo(a)pyrene	23.36	252	100560	1.227	ng		98
38) Dibenzo(a,h)anthracene	25.67	278	18337	0.219	ng	#	78
39) Benzo(g,h,i)perylene	26.34	276	80256	0.967	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 06 Oct 2019 05:36
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Sample : K5078-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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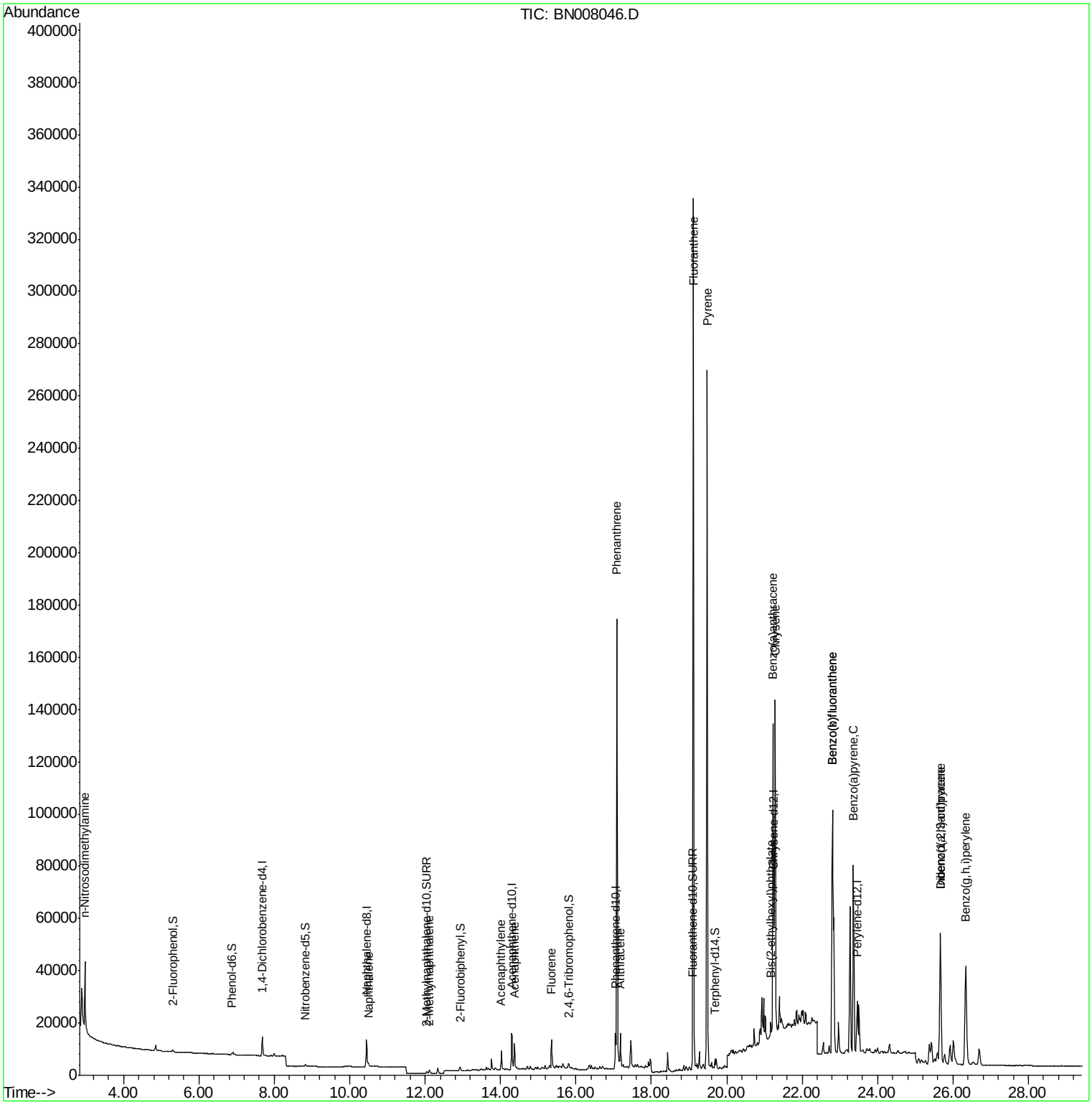
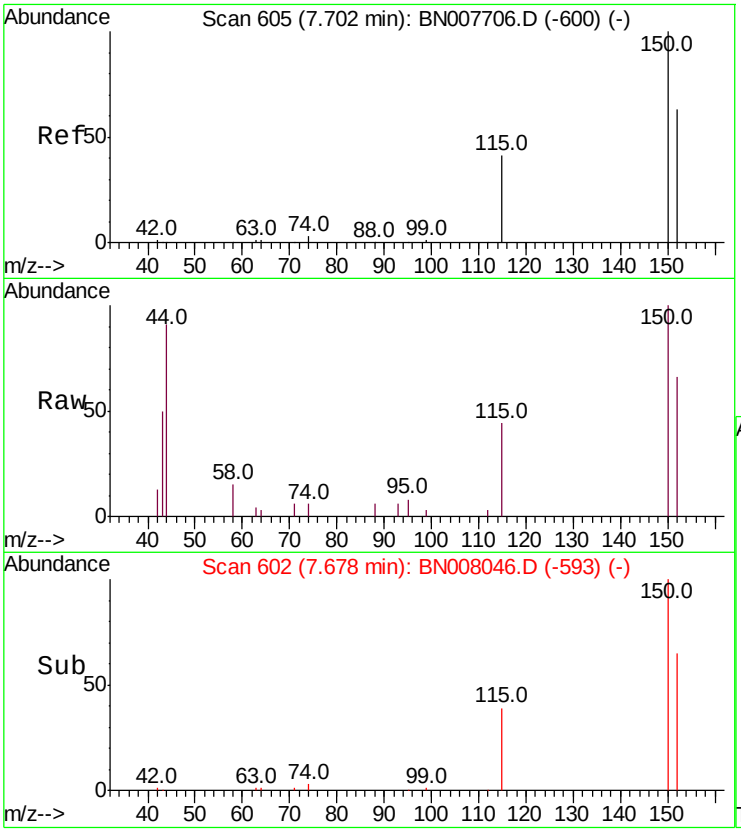
PST-024-SW135-092519DL

Quant Time: Oct 07 00:17:56 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



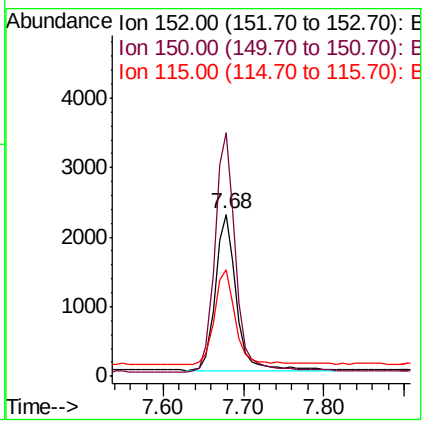


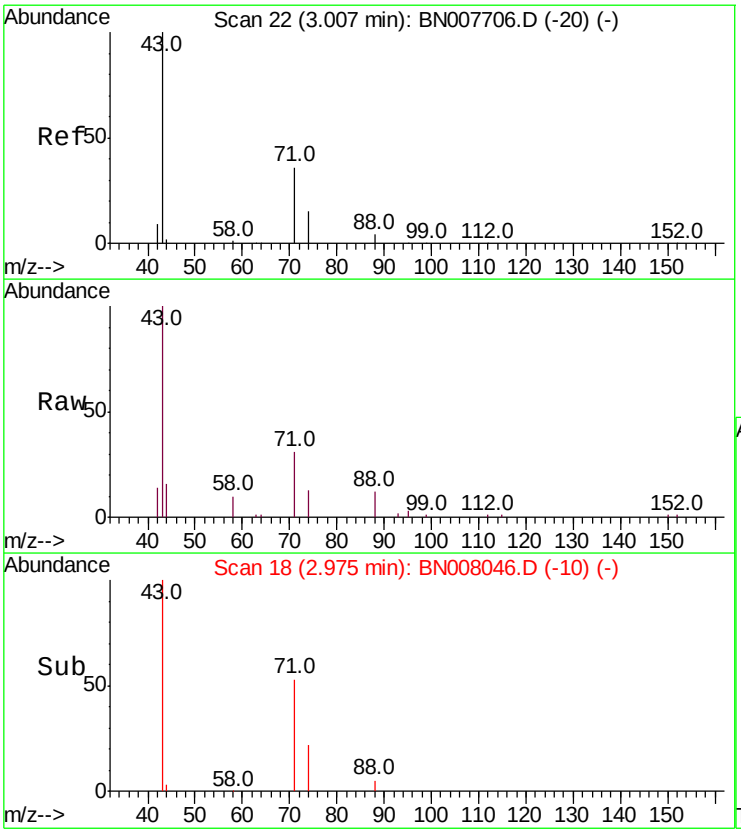
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:152 Resp: 3974

Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.6	188.4
115	65.7	53.3	79.9

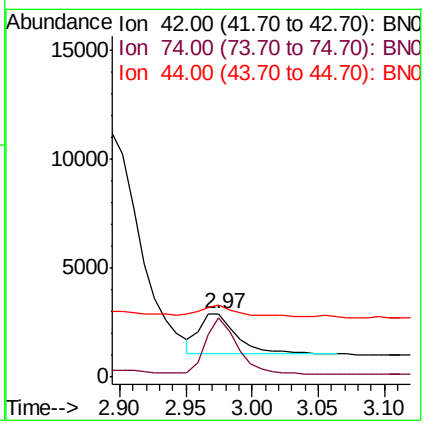


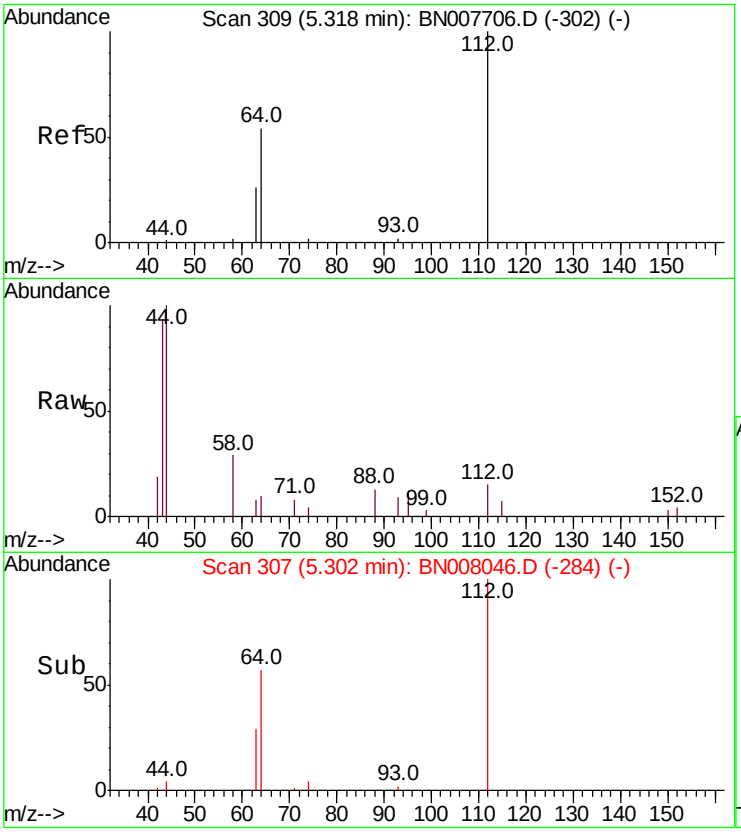


#3
n-Nitrosodimethylamine
Concen: 1.798 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion: 42 Resp: 3648

Ion	Ratio	Lower	Upper
42	100		
74	118.4	87.9	131.9
44	27.8	29.4	44.0#



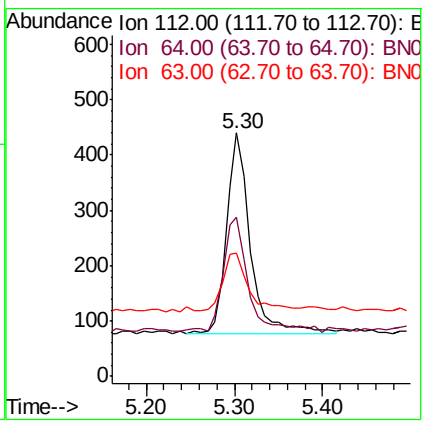


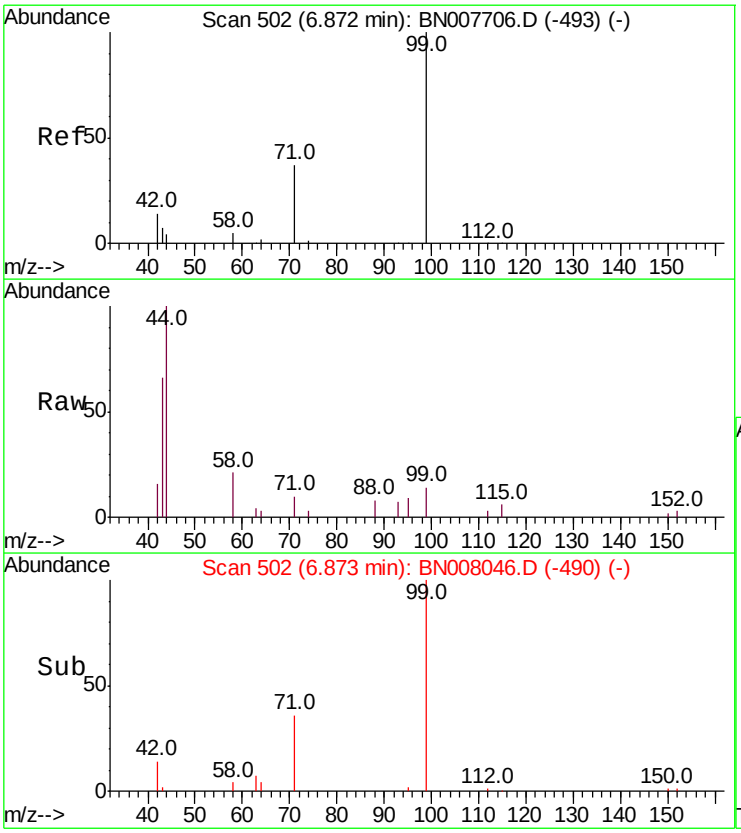
#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:112 Resp: 681

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.6	70.0
63	30.5	23.1	34.7

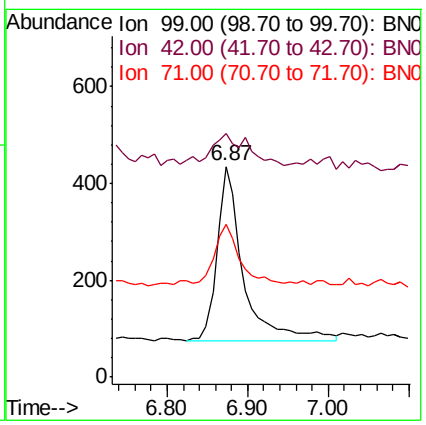


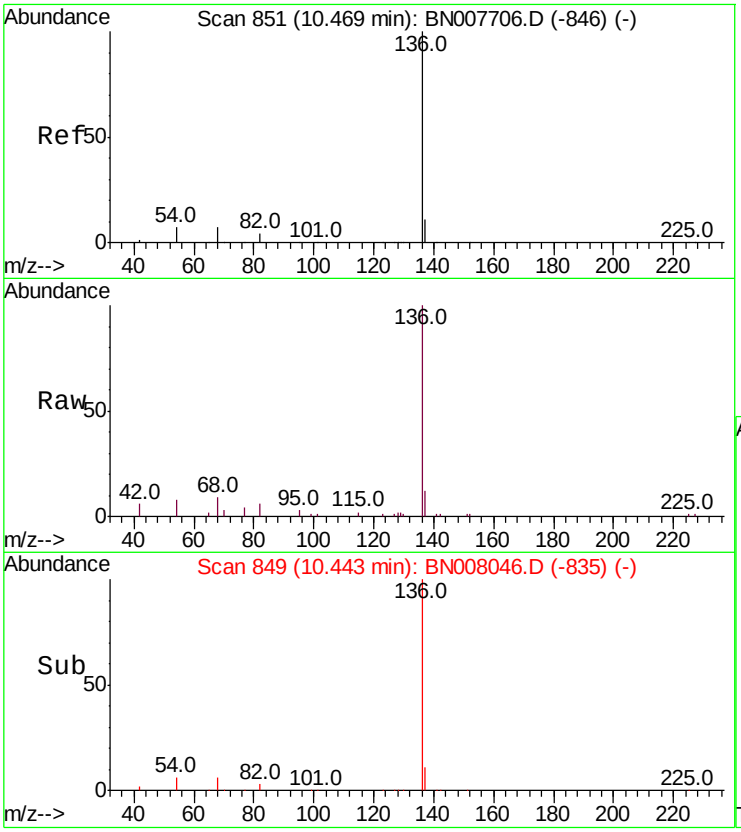


#5
Phenol-d6
Concen: 0.042 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion: 99 Resp: 804

Ion	Ratio	Lower	Upper
99	100		
42	28.2	12.8	19.2#
71	37.2	27.6	41.4



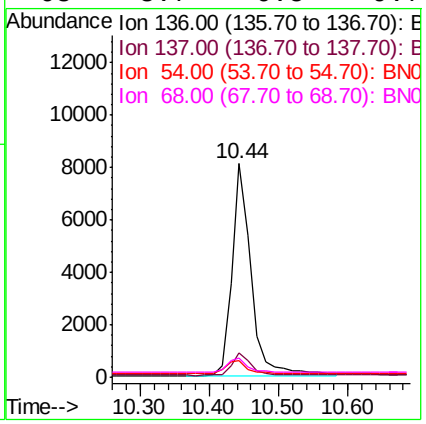


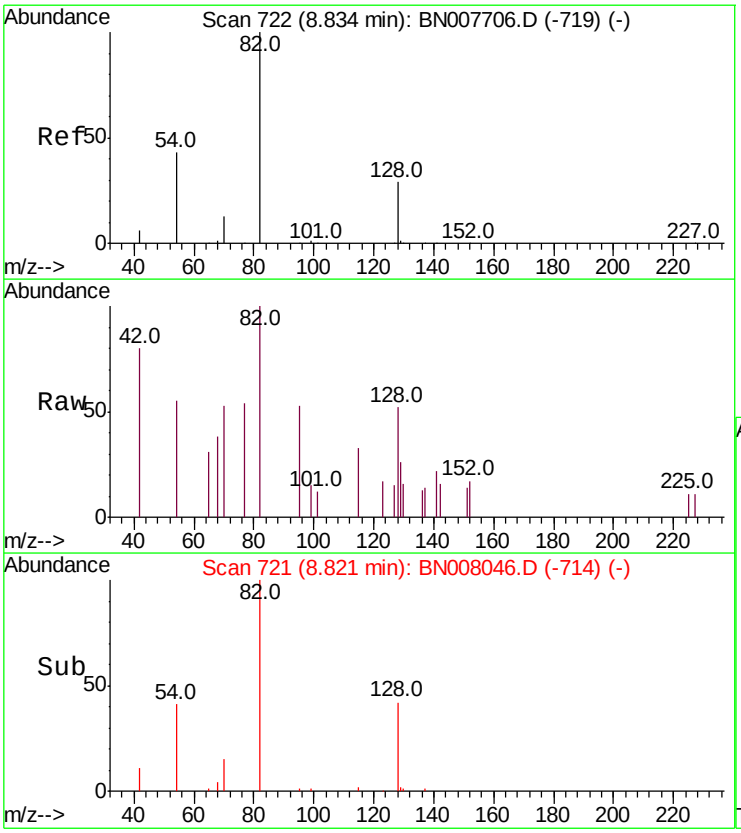
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:136 Resp: 15697

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.8	5.8	8.8
68	8.7	6.5	9.7

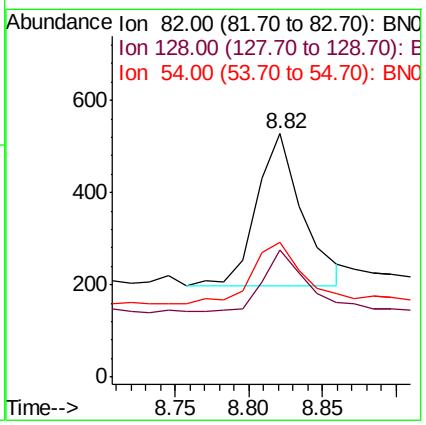


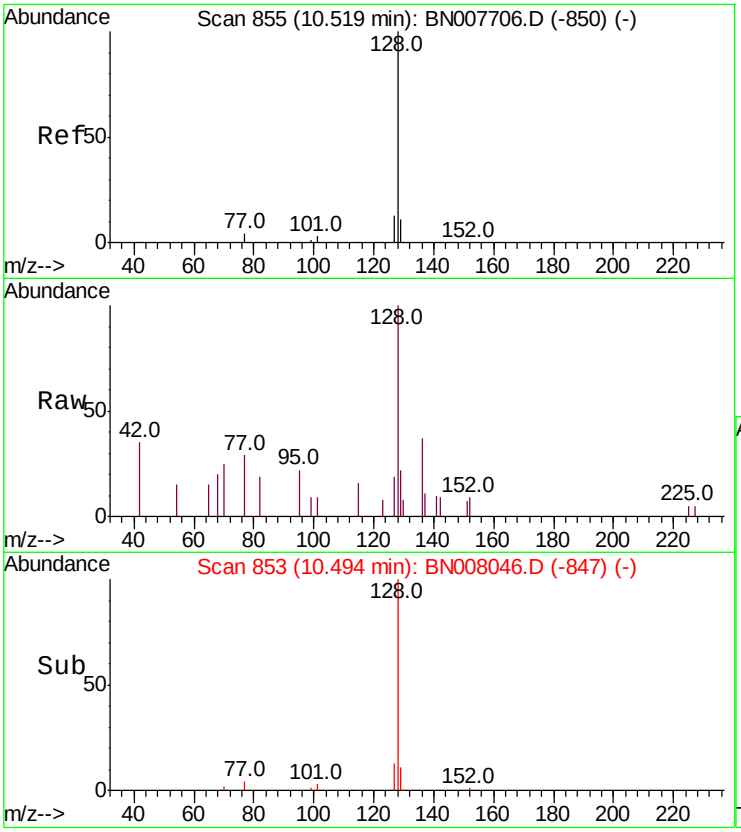


#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion: 82 Resp: 716

Ion	Ratio	Lower	Upper
82	100		
128	52.3	24.5	36.7#
54	55.1	35.2	52.8#



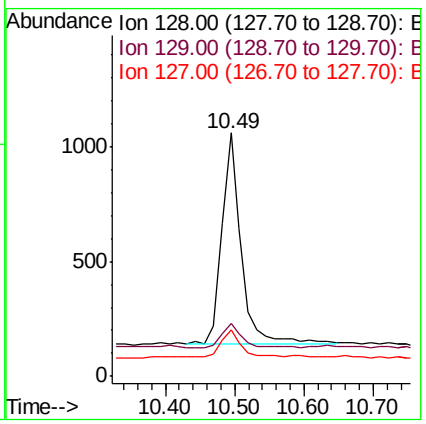


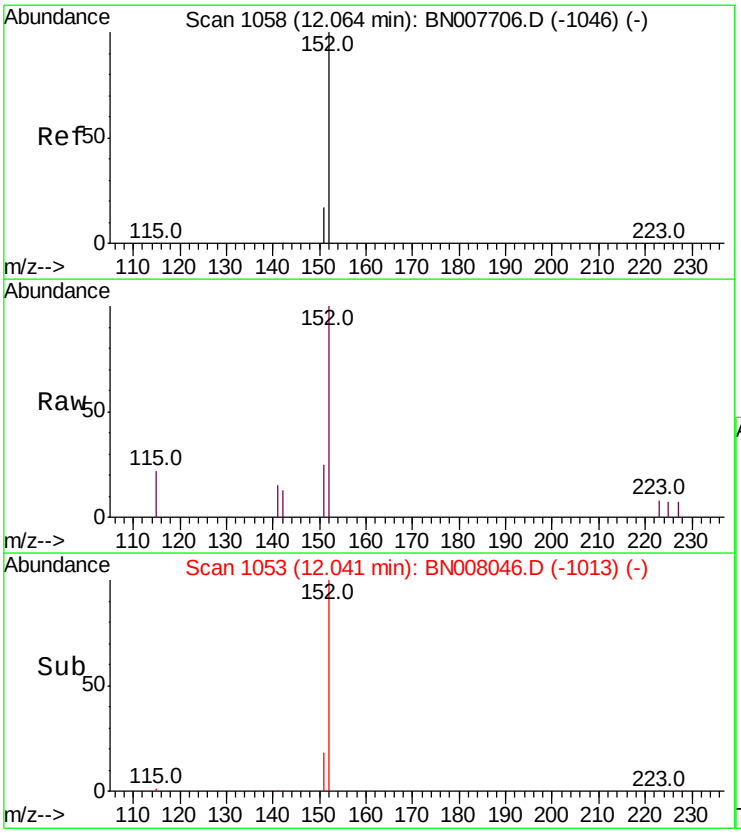
#9
Naphthalene
Concen: 0.041 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:128 Resp: 1800

Ion	Ratio	Lower	Upper
128	100		
129	22.0	9.1	13.7#
127	19.1	10.6	15.8#

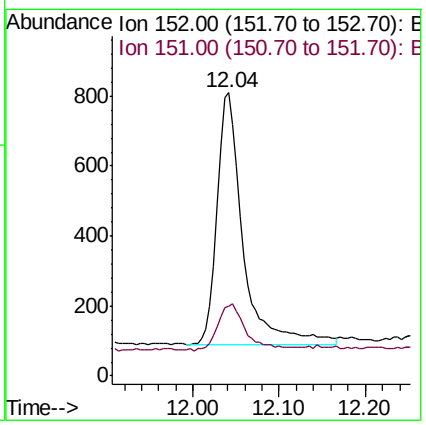


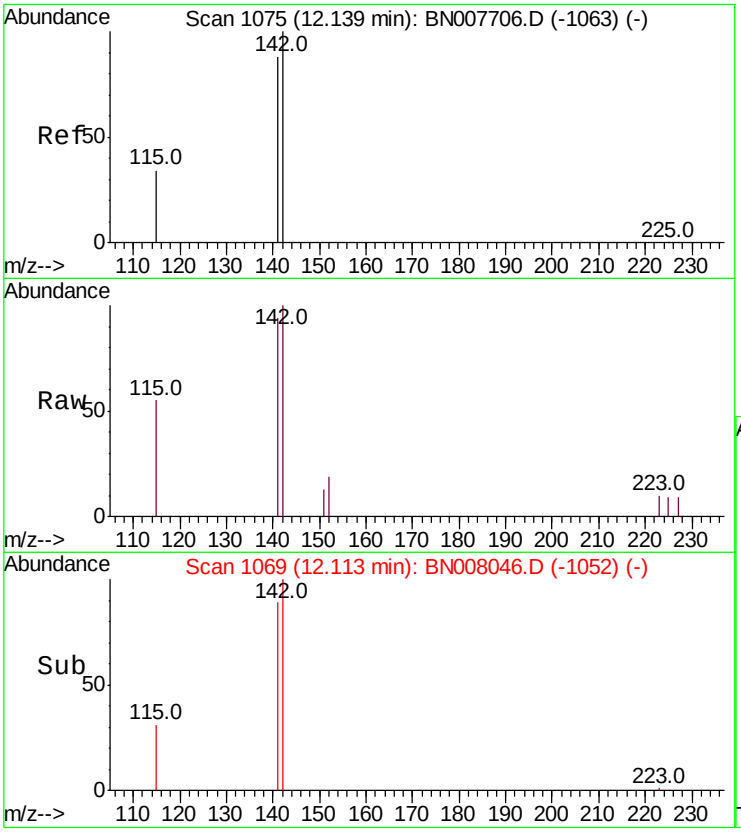


#11
2-Methylnaphthalene-d10
Concen: 0.057 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:152 Resp: 1517

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2



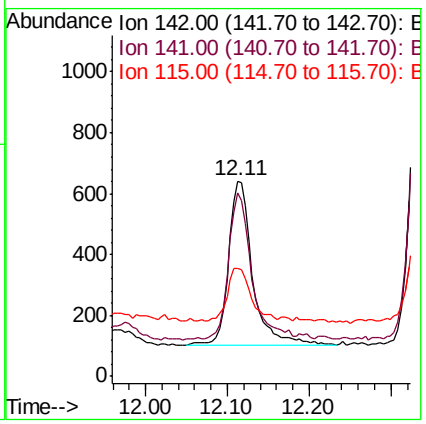


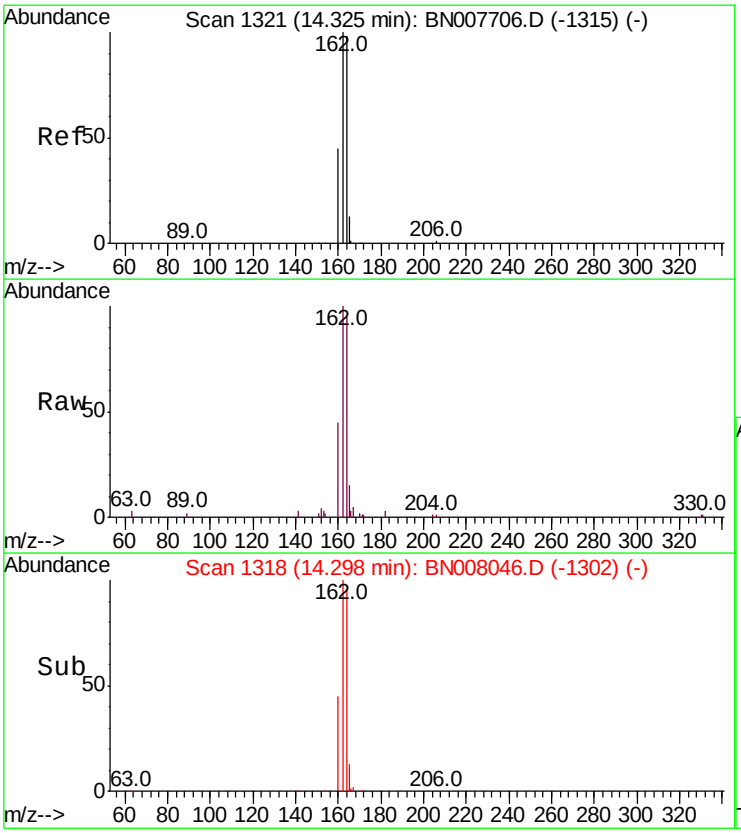
#12
2-Methylnaphthalene
Concen: 0.038 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:142 Resp: 1118

Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.6	106.0
115	55.5	28.3	42.5#

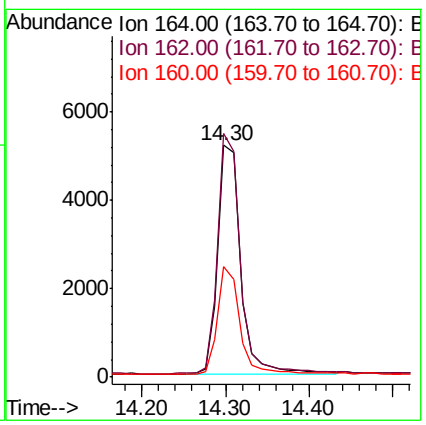


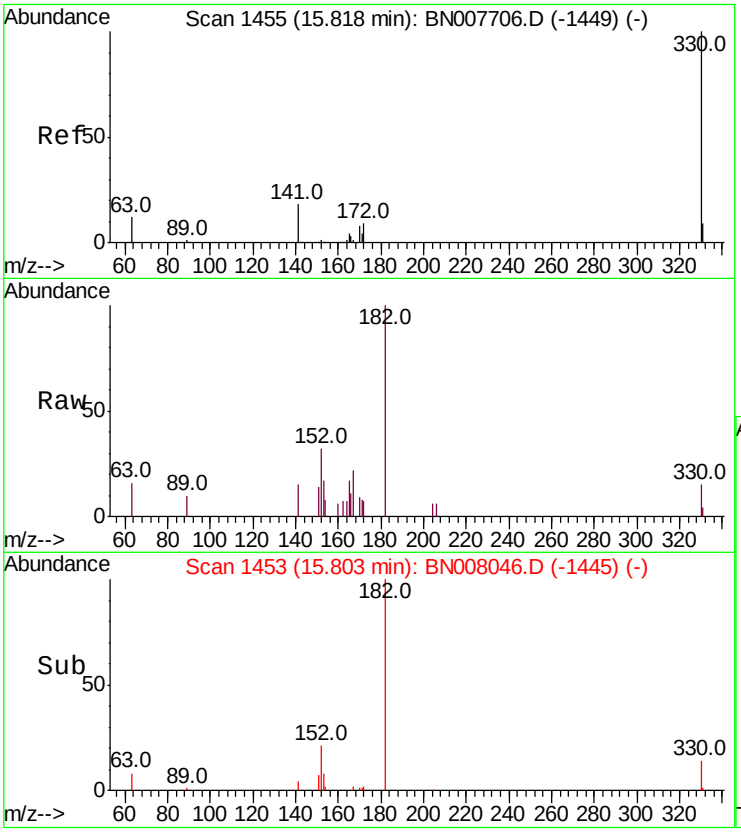


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:164 Resp: 9842

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.7	122.5
160	47.7	37.0	55.4



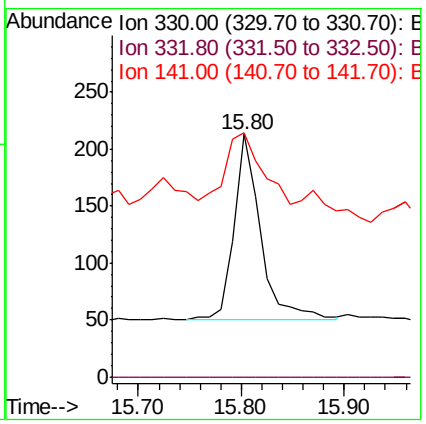


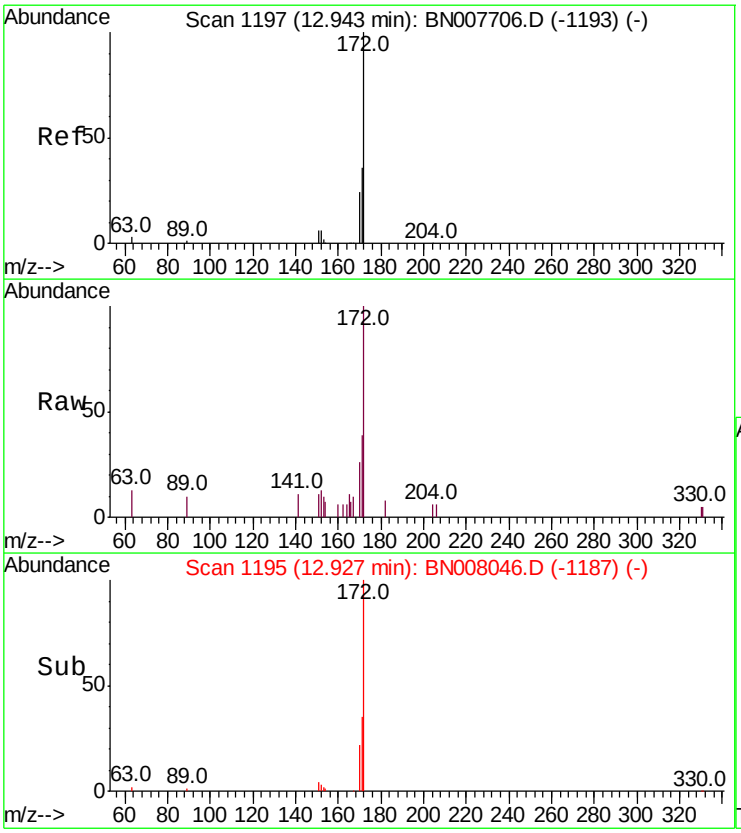
#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:330 Resp: 291

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.4	28.7	43.1#

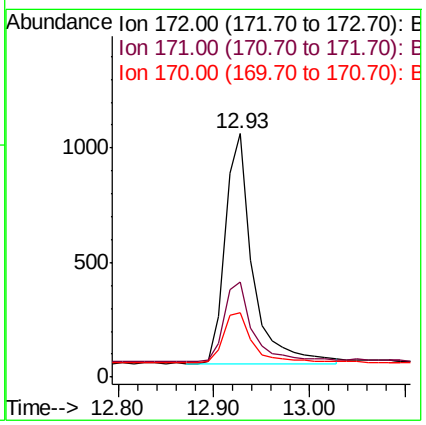


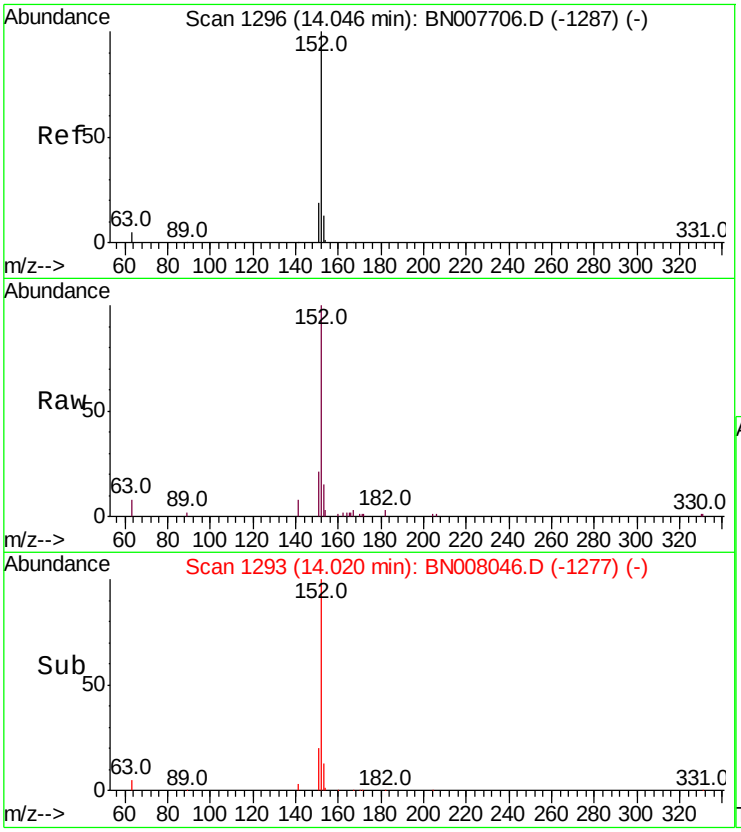


#15
2-Fluorobiphenyl
Concen: 0.050 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:172 Resp: 2033

Ion	Ratio	Lower	Upper
172	100		
171	39.2	28.8	43.2
170	26.3	19.5	29.3



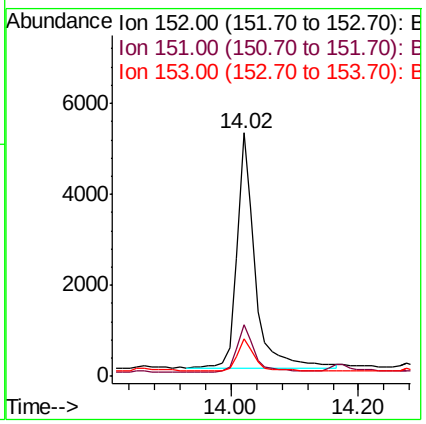


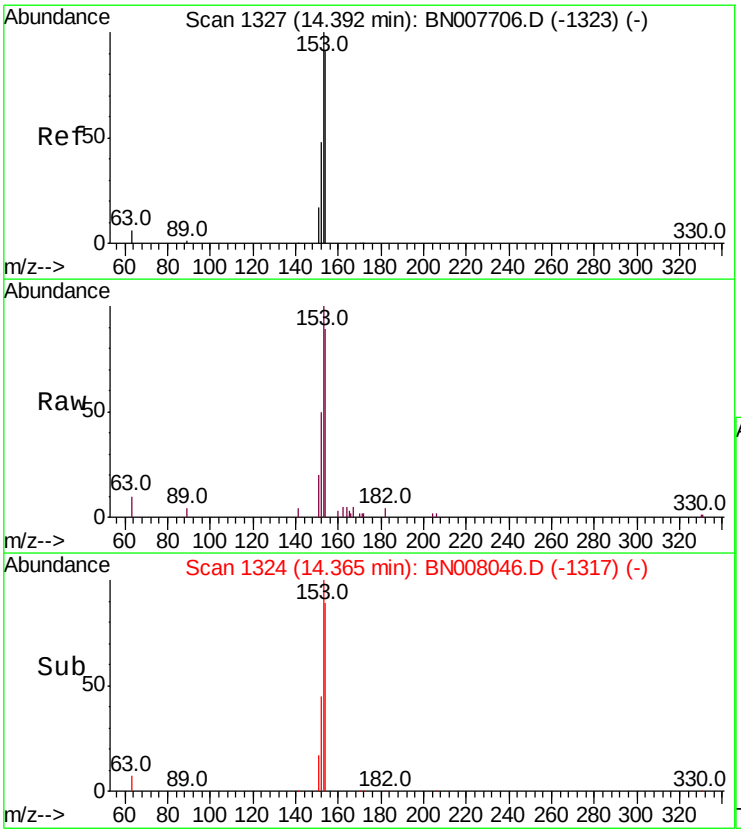
#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:152 Resp: 10139

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.2	10.4	15.6

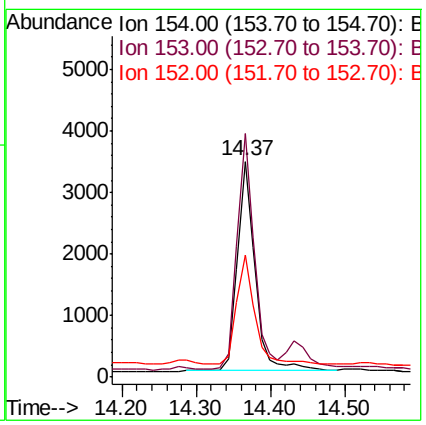


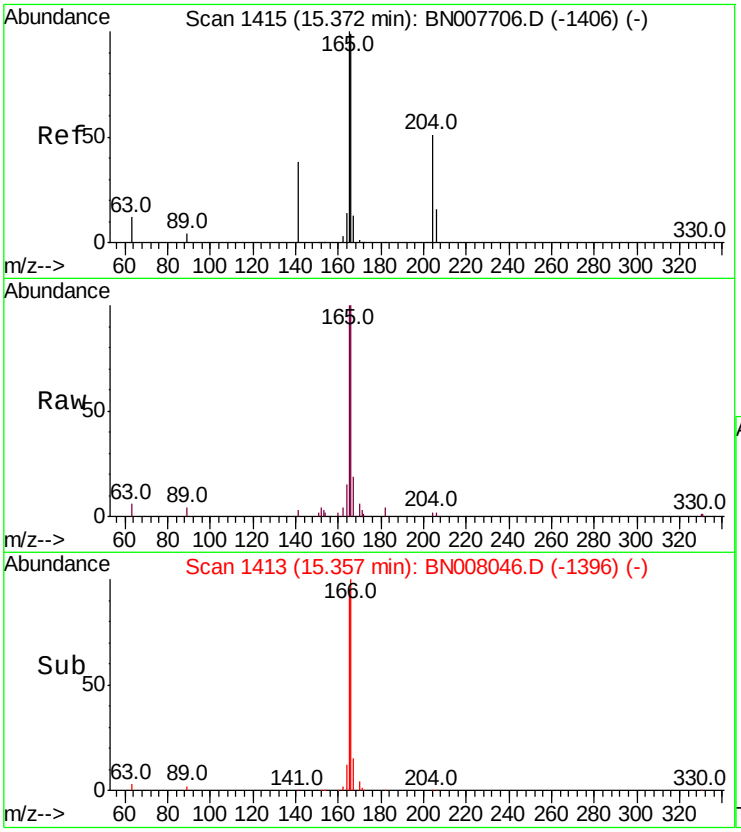


#17
Acenaphthene
Concen: 0.168 ng
RT: 14.37 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:154 Resp: 5637

Ion	Ratio	Lower	Upper
154	100		
153	109.0	87.0	130.4
152	53.6	42.7	64.1



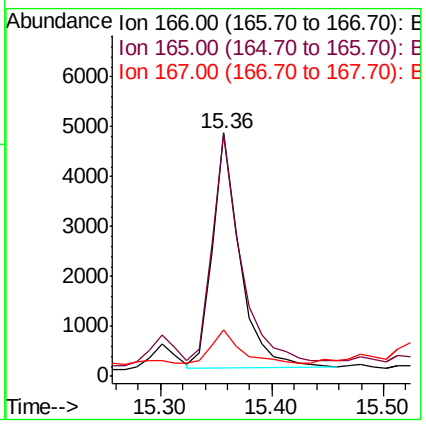


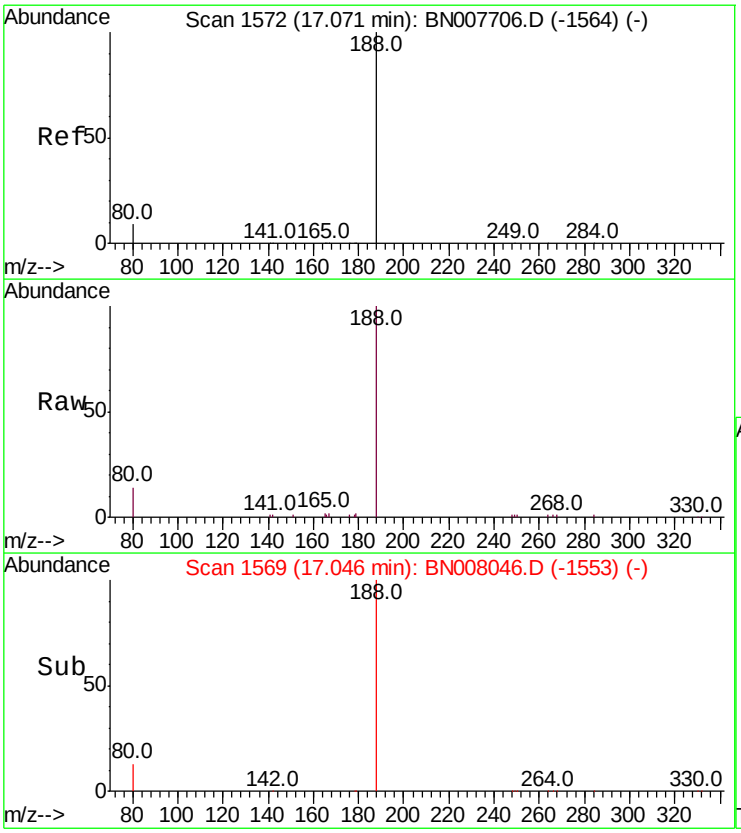
#18
Fluorene
Concen: 0.187 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:166 Resp: 8046

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.0	117.0
167	15.3	10.9	16.3

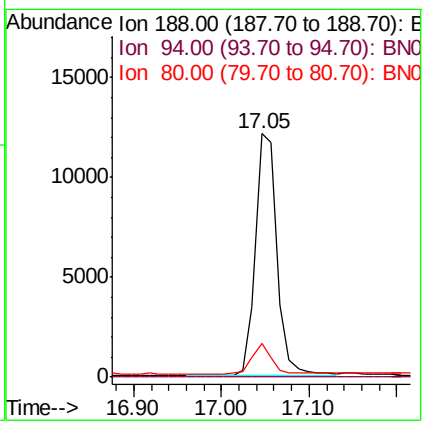


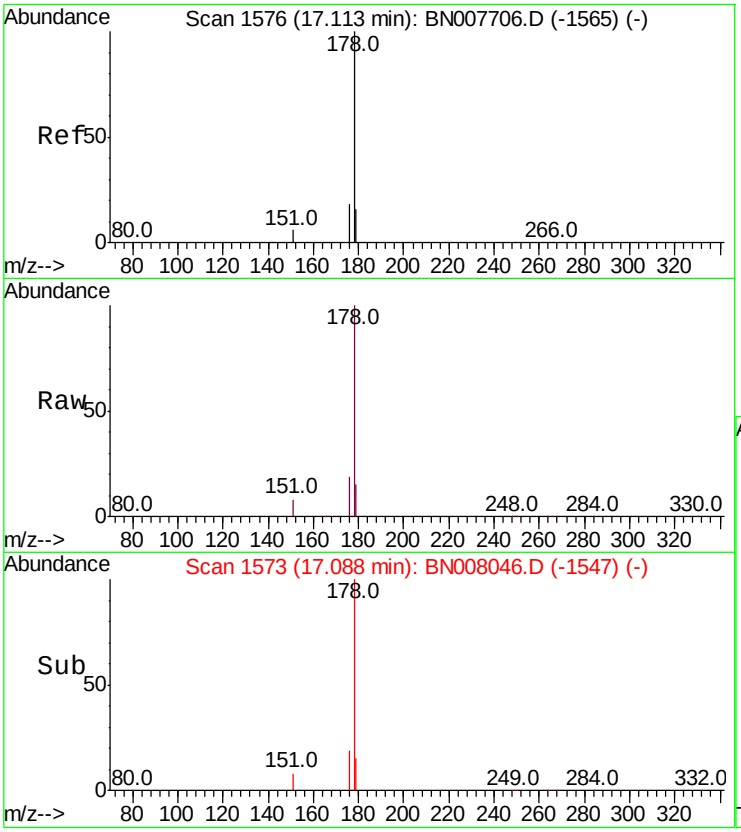


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:188 Resp: 20798

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.4	11.2#



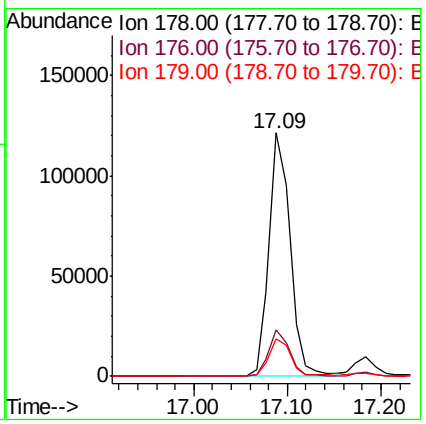


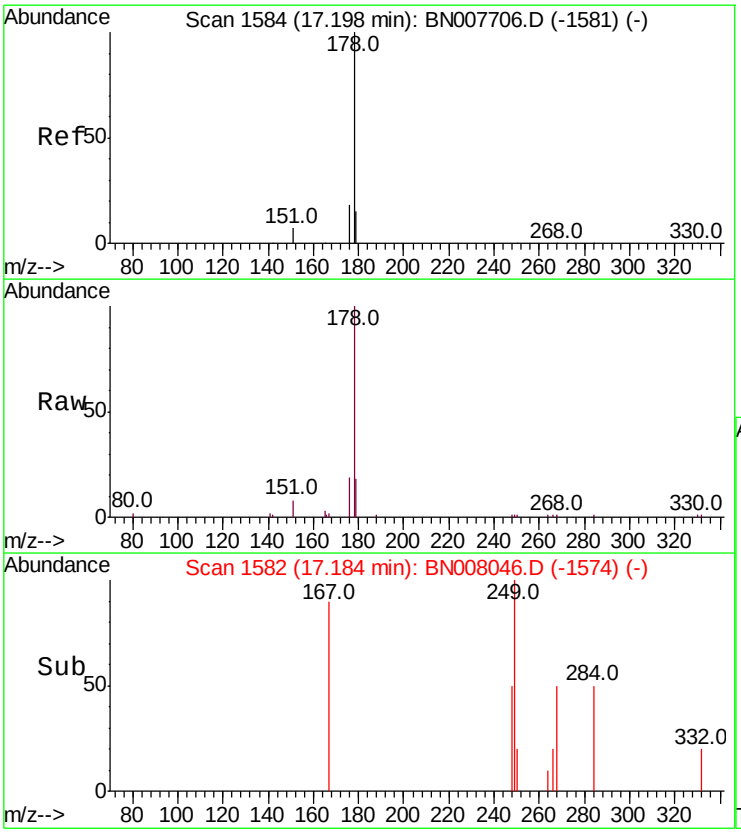
#23
Phenanthrene
Concen: 2.934 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:178 Resp: 190075

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.5	18.7

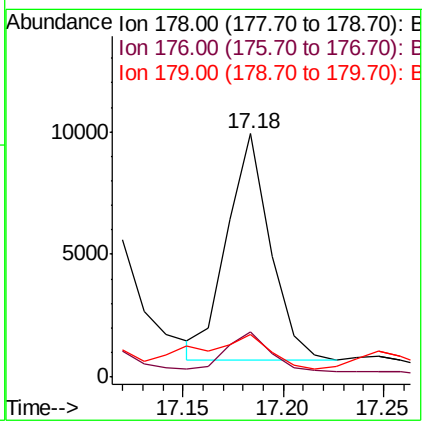


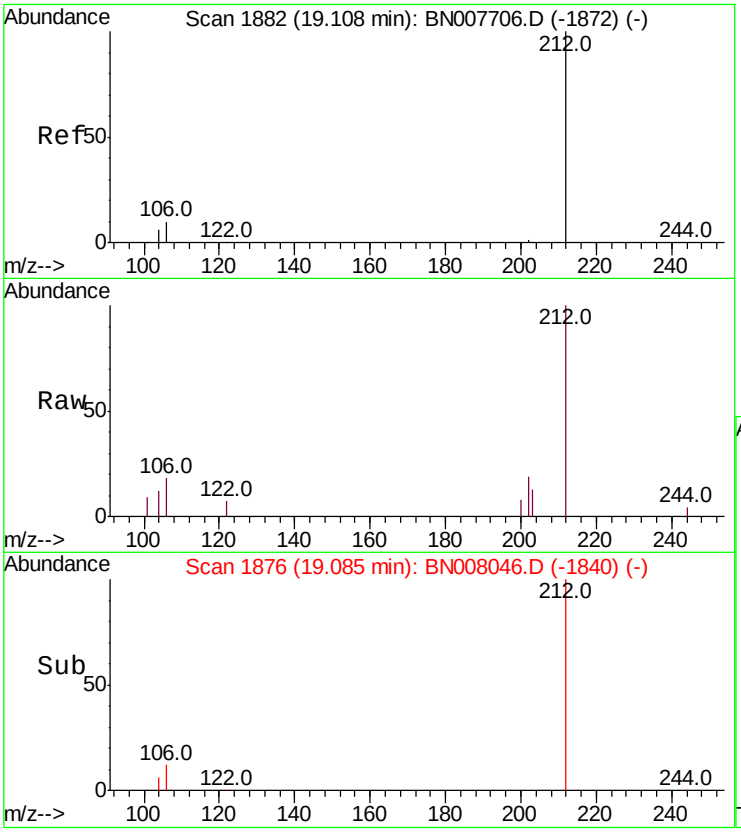


#24
Anthracene
Concen: 0.236 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:178 Resp: 13797

Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.6	21.8
179	24.5	12.2	18.4#



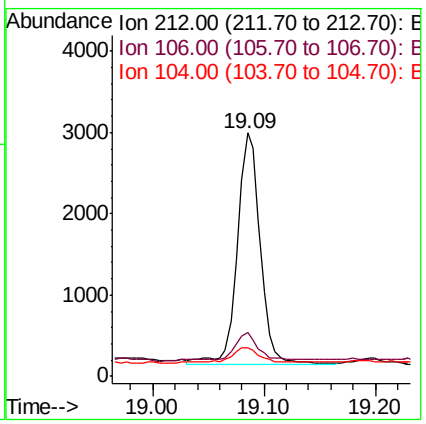


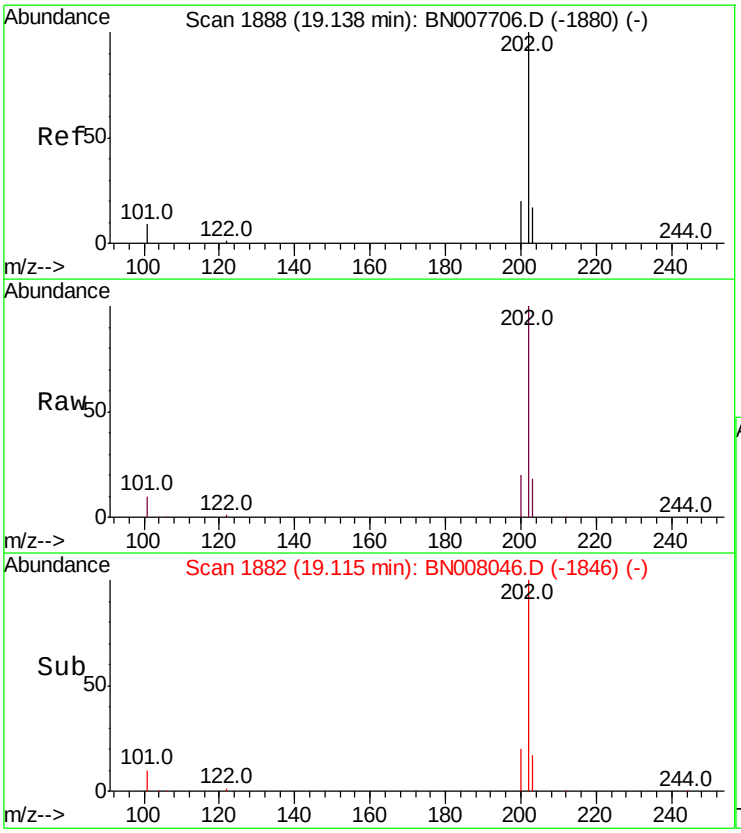
#25
Fluoranthene-d10
Concen: 0.058 ng
RT: 19.09 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:212 Resp: 4090

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	8.1	5.3	7.9#

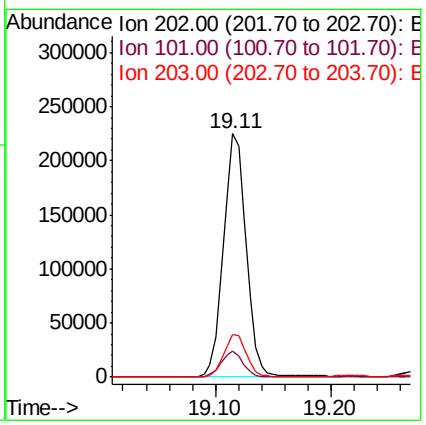


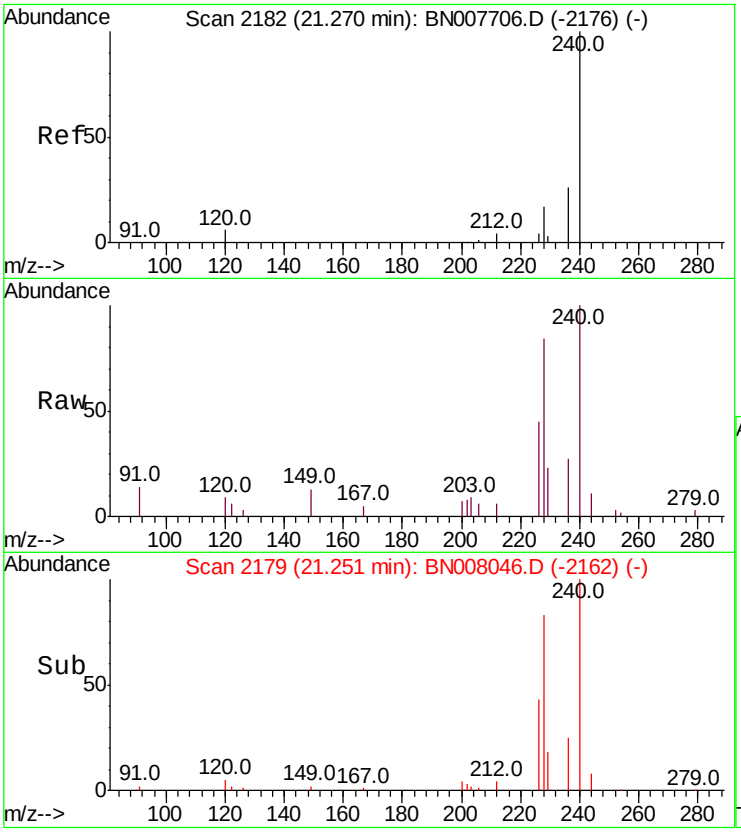


#26
Fluoranthene
Concen: 3.800 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:202 Resp: 306143

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	17.4	13.8	20.8



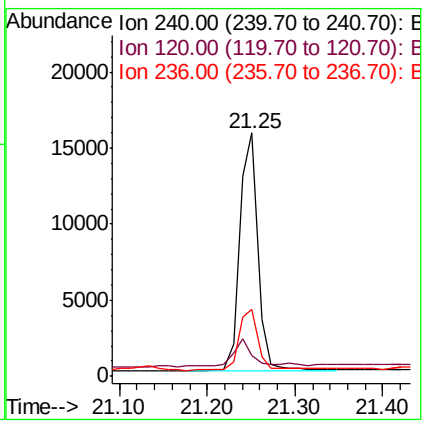


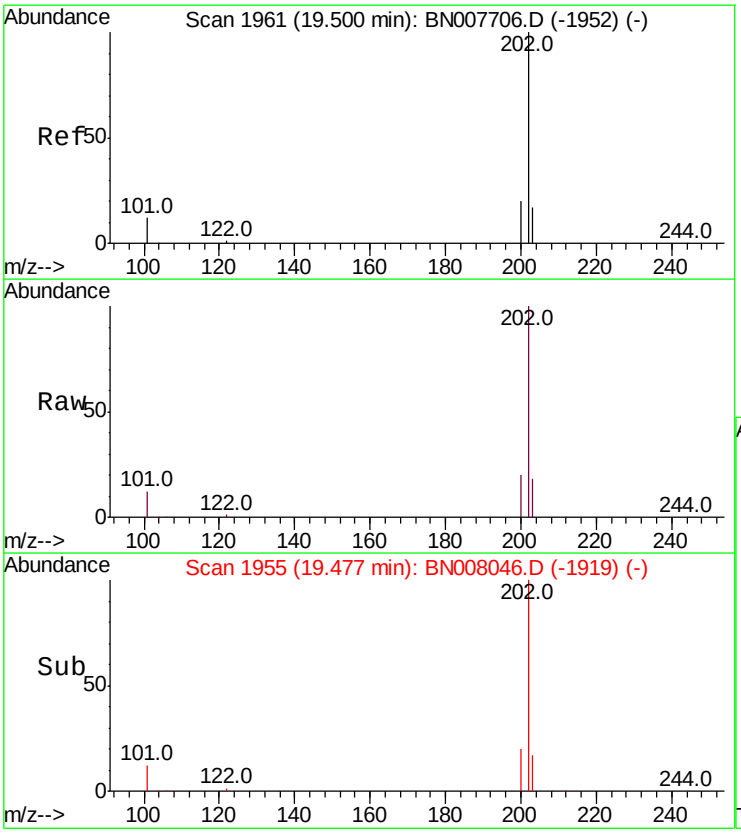
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:240 Resp: 22362

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.4	8.2#
236	27.4	21.0	31.4

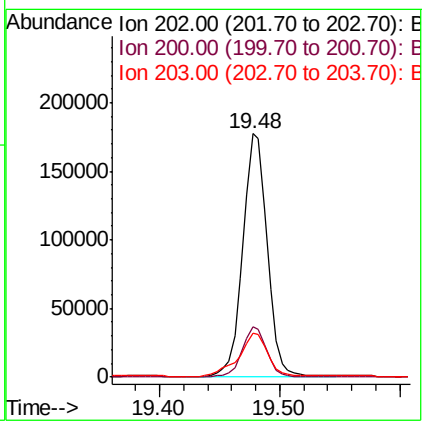


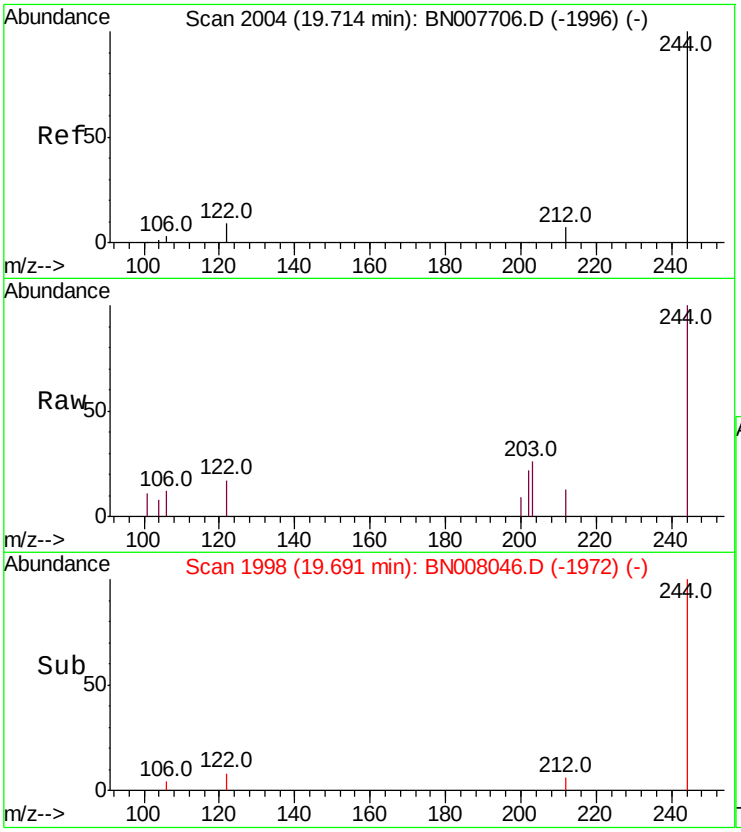


#28
Pyrene
Concen: 3.272 ng
RT: 19.48 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:202 Resp: 249571

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



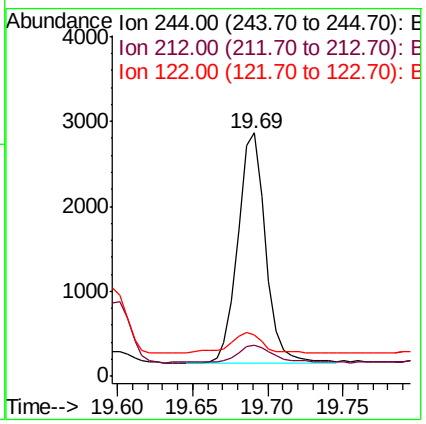


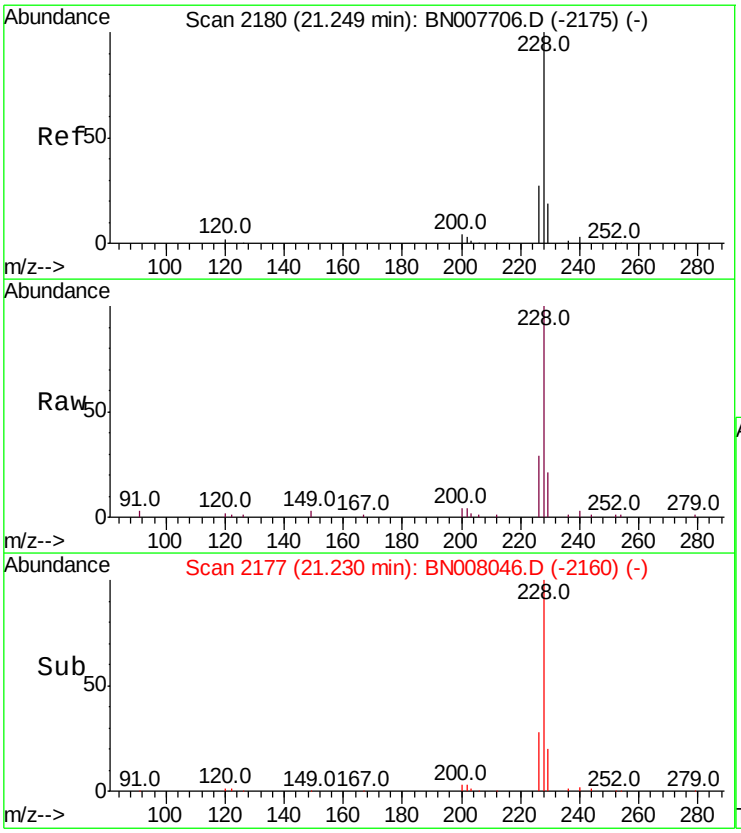
#29
Terphenyl-d14
Concen: 0.063 ng
RT: 19.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:244 Resp: 3450

Ion	Ratio	Lower	Upper
244	100		
212	12.8	5.9	8.9#
122	17.1	7.4	11.2#

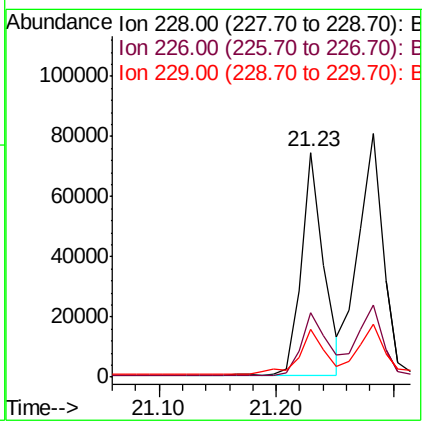


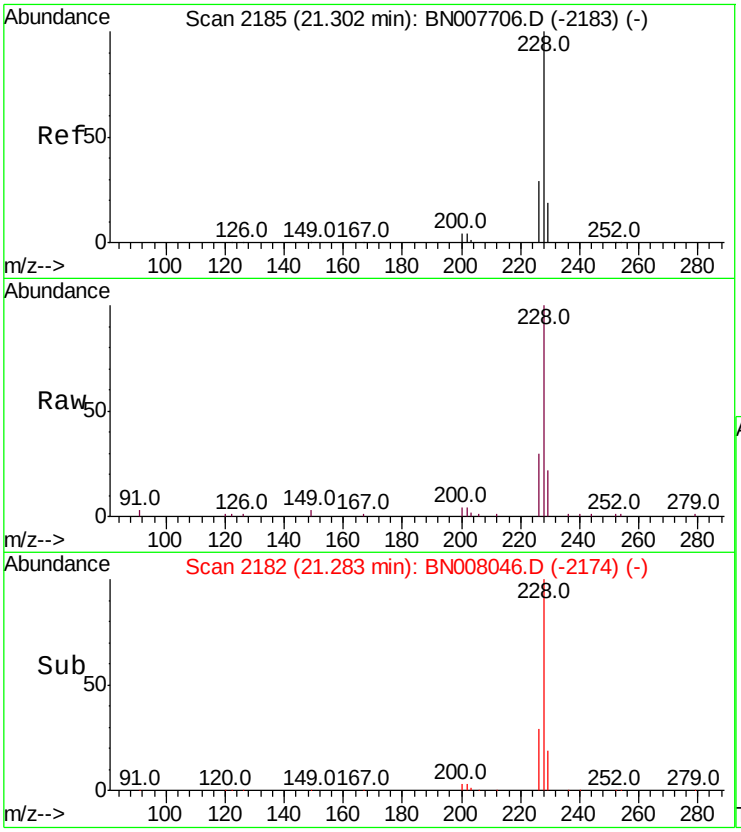


#30
Benzo(a)anthracene
Concen: 1.206 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:228 Resp: 99313

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.0	15.8	23.6



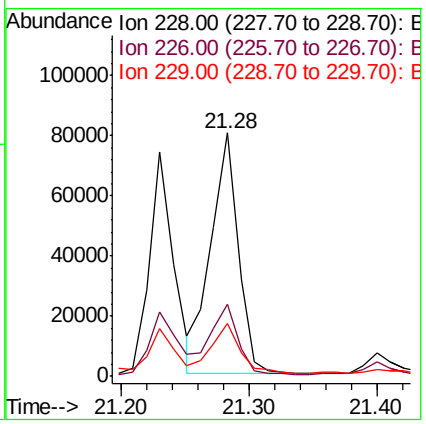


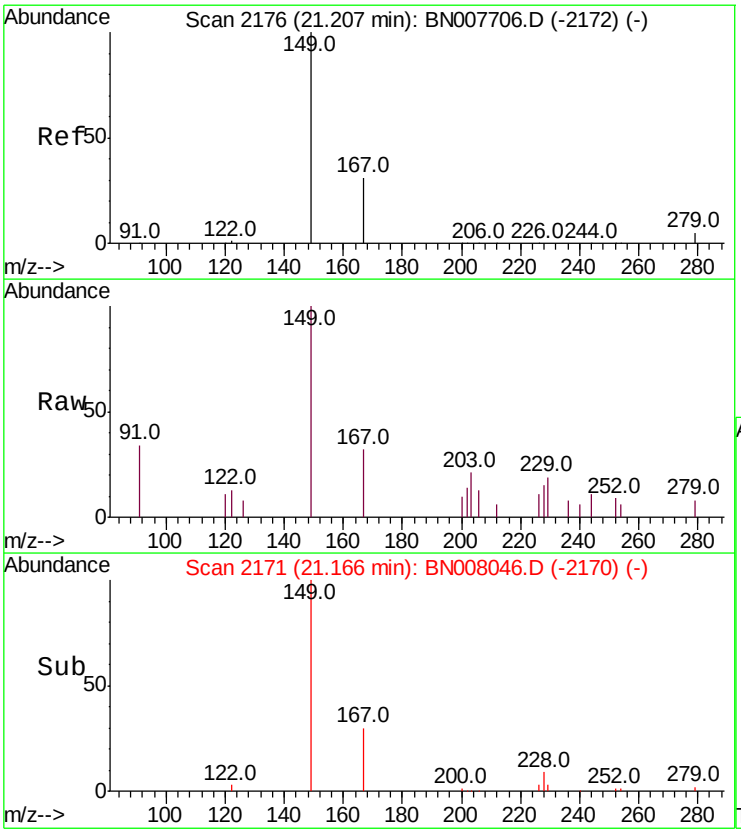
#31
Chrysene
Concen: 1.485 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:228 Resp: 119182

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	21.9	15.8	23.6

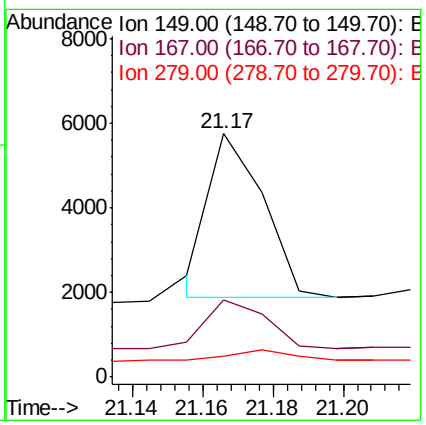


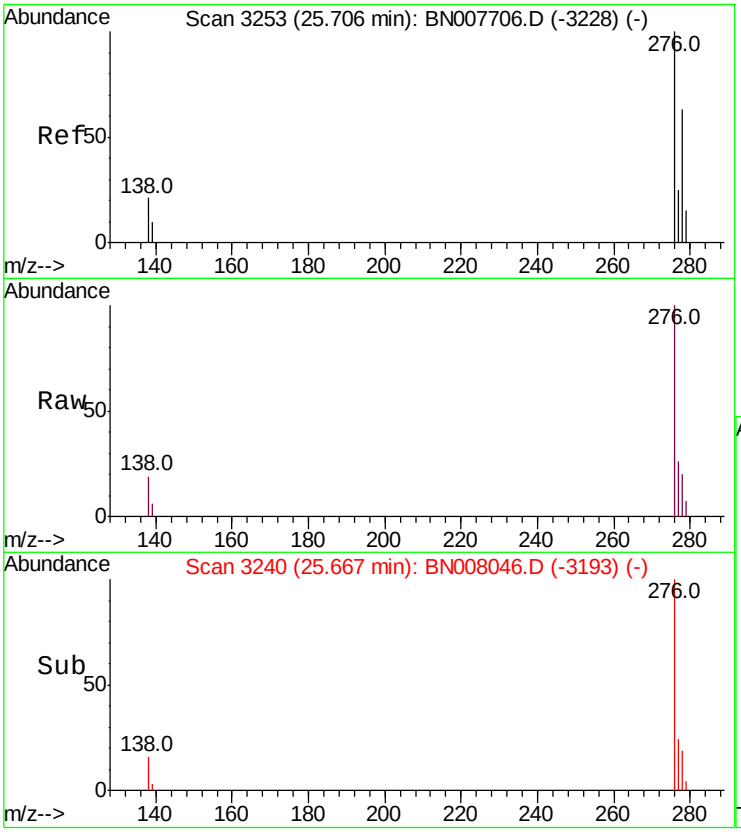


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:149 Resp: 4165

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	6.8	4.2	6.2#



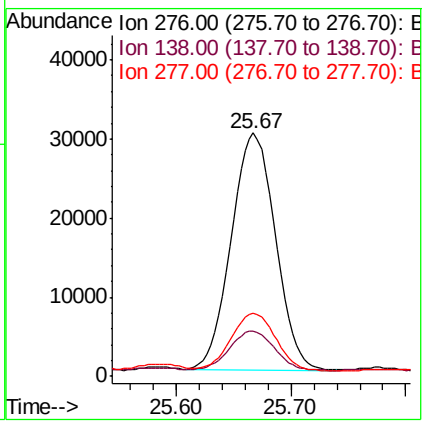


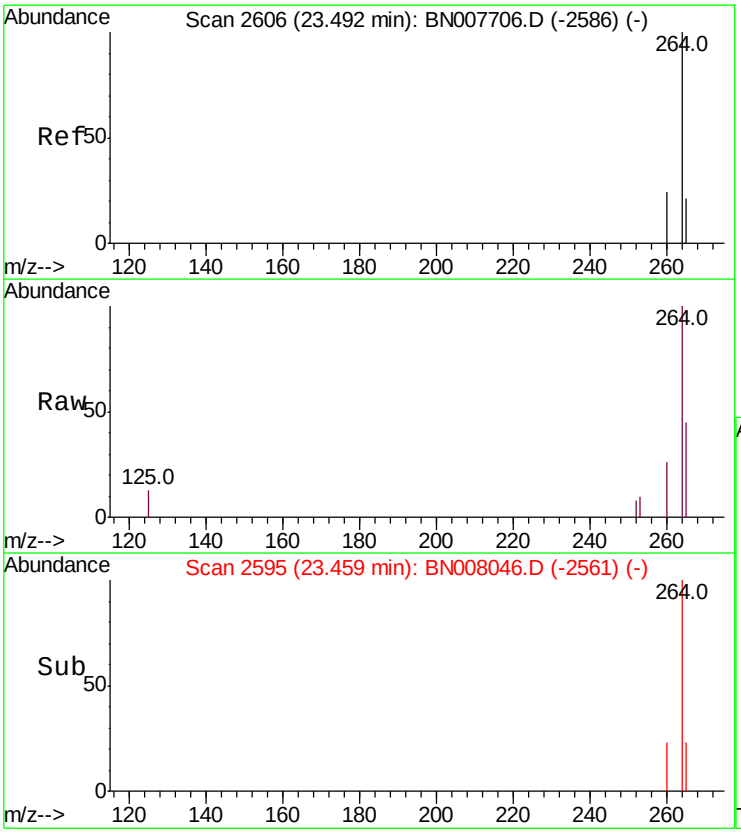
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.800 ng
RT: 25.67 min Scan# 3240
Delta R.T. -0.04 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:276 Resp: 80409

Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.1	25.7#
277	24.7	20.0	30.0

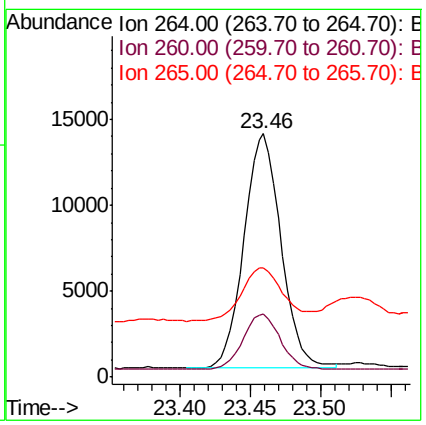


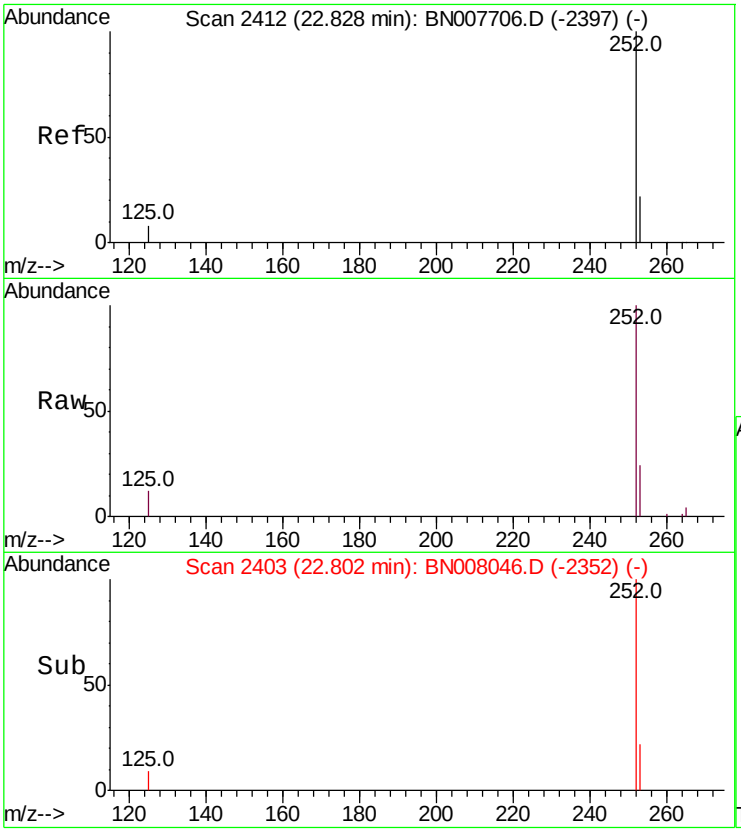


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:264 Resp: 25124

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.3	28.9
265	45.0	26.9	40.3#



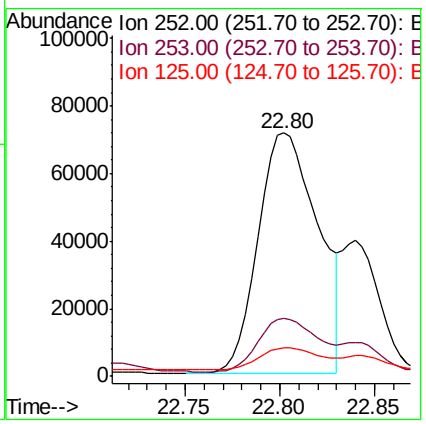


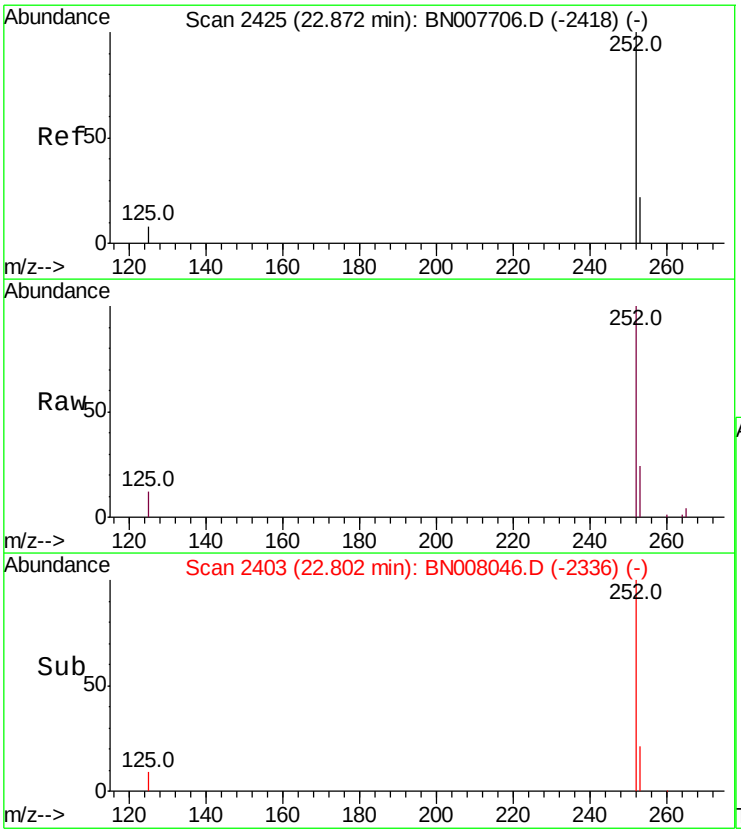
#35
Benzo(b)fluoranthene
Concen: 1.797 ng
RT: 22.80 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:252 Resp: 156727

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	11.5	8.2	12.4

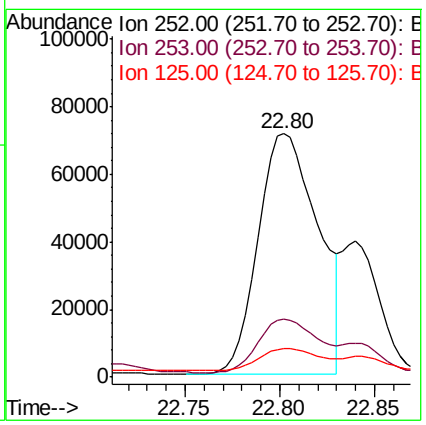


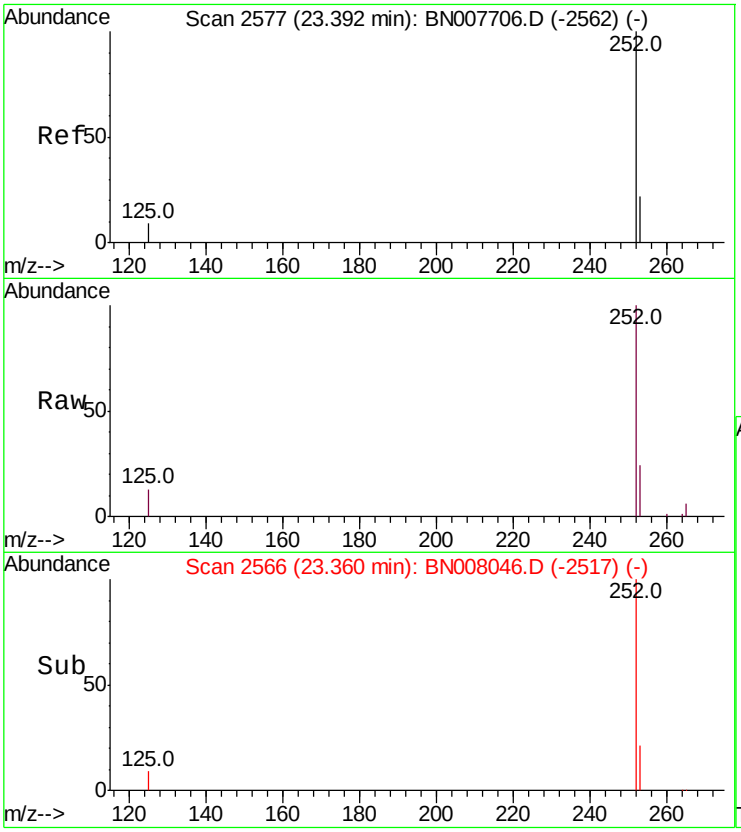


#36
Benzo(k)fluoranthene
Concen: 1.817 ng
RT: 22.80 min Scan# 2403
Delta R.T. -0.07 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:252 Resp: 156727

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	11.5	8.4	12.6



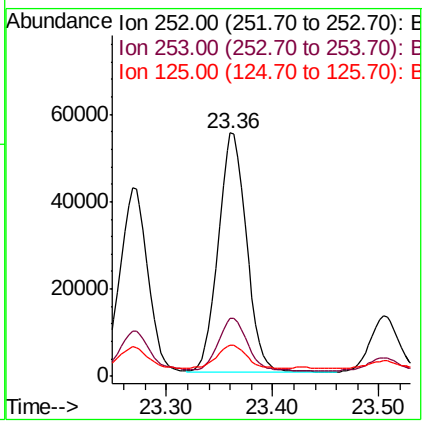


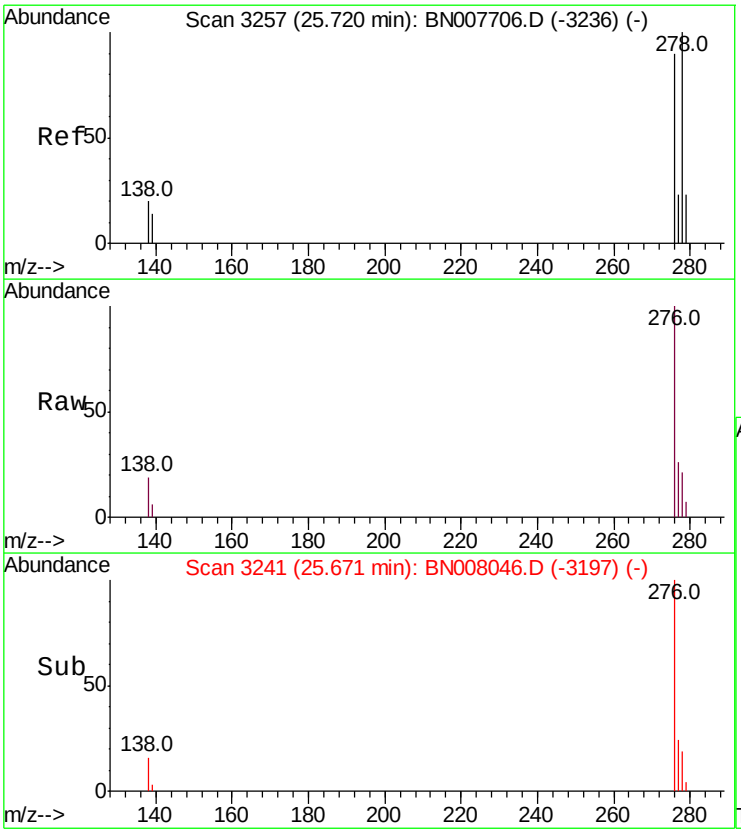
#37
Benzo(a)pyrene
Concen: 1.227 ng
RT: 23.36 min Scan# 2566
Delta R.T. -0.03 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:252 Resp: 100560

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	12.9	9.4	14.0

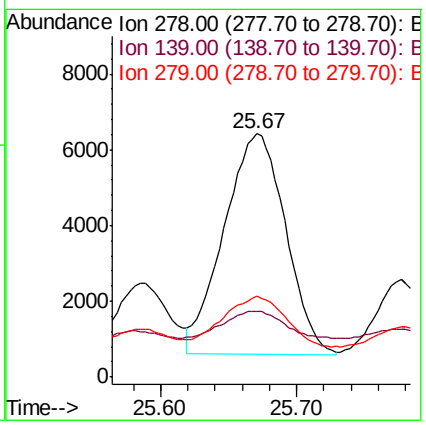


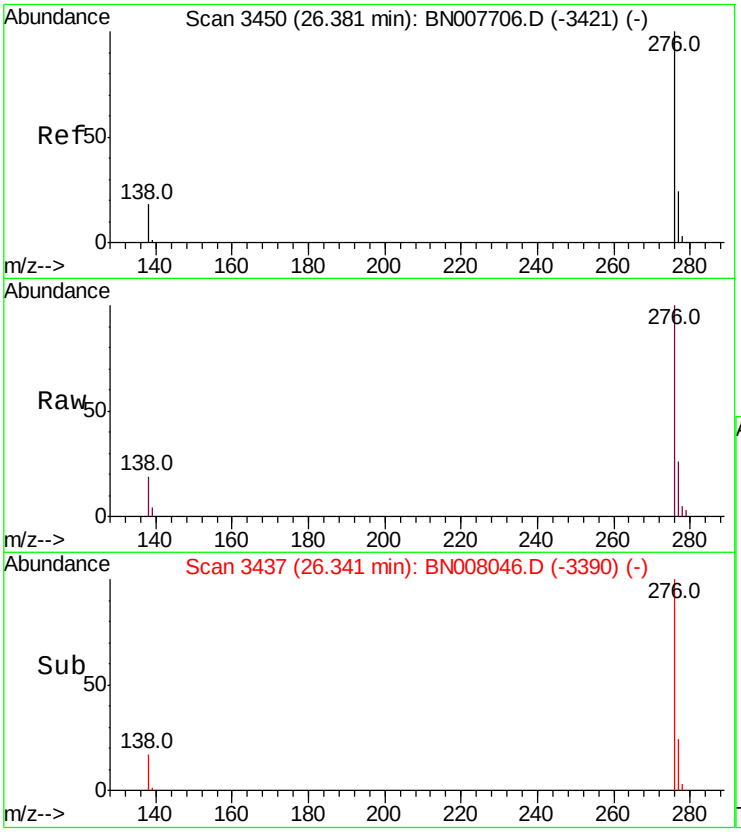


#38
Dibenzo(a,h)anthracene
Concen: 0.219 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.05 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Tgt Ion:278 Resp: 18337

Ion	Ratio	Lower	Upper
278	100		
139	27.2	11.8	17.6#
279	33.1	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.967 ng
RT: 26.34 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BN008046.D
Acq: 06 Oct 2019 05:36

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519DL

Tgt Ion:276 Resp: 80256

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.8
138	19.3	15.1	22.7