Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007996.D
Acq On : 04 Oct 2019 00:35
Operator : JU
Sample : K5077-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B270-092619

Quant Time: Oct 04 05:41:55 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	7.69	152	4783	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	19898	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12900	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	28502	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	29883	0.40	ng		-0.02
34) Perylene-d12	23.47	264	32998	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	4997	0.30	ng		0.00
5) Phenol-d6	6.87	99	7212	0.35	ng		0.00
8) Nitrobenzene-d5	8.82	82	5476	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	11484	0.34	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	2598	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	15617	0.29	ng		-0.02
25) Fluoranthene-d10	19.09	212	32839	0.34	ng		-0.02
29) Terphenyl-d14	19.70	244	26233	0.36	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	5964	2.442	ng	#	79
9) Naphthalene	10.49	128	1275	0.023	ng	#	65
16) Acenaphthylene	14.03	152	9918	0.145	ng		98
17) Acenaphthene	14.37	154	1208	0.027	ng		87
18) Fluorene	15.36	166	2036	0.036	ng		88
23) Phenanthrene	17.10	178	18269	0.206	ng		99
24) Anthracene	17.18	178	4008	0.050	ng	#	90
26) Fluoranthene	19.12	202	52384	0.474	ng		99
28) Pyrene	19.48	202	51465	0.505	ng		96
30) Benzo(a)anthracene	21.23	228	30171	0.274	ng	#	82
31) Chrysene	21.28	228	27512	0.257	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.18	149	8309	0.147	ng	#	80
33) Indeno(1,2,3-cd)pyrene	25.67	276	19002	0.142	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	39166	0.342	ng	#	57
36) Benzo(k)fluoranthene	22.81	252	39166	0.346	ng	#	57
37) Benzo(a)pyrene	23.37	252	27696	0.257	ng	#	54
38) Dibenzo(a,h)anthracene	25.67	278	5526	0.050	ng	#	1
39) Benzo(g,h,i)perylene	26.35	276	23196	0.213	ng	#	69

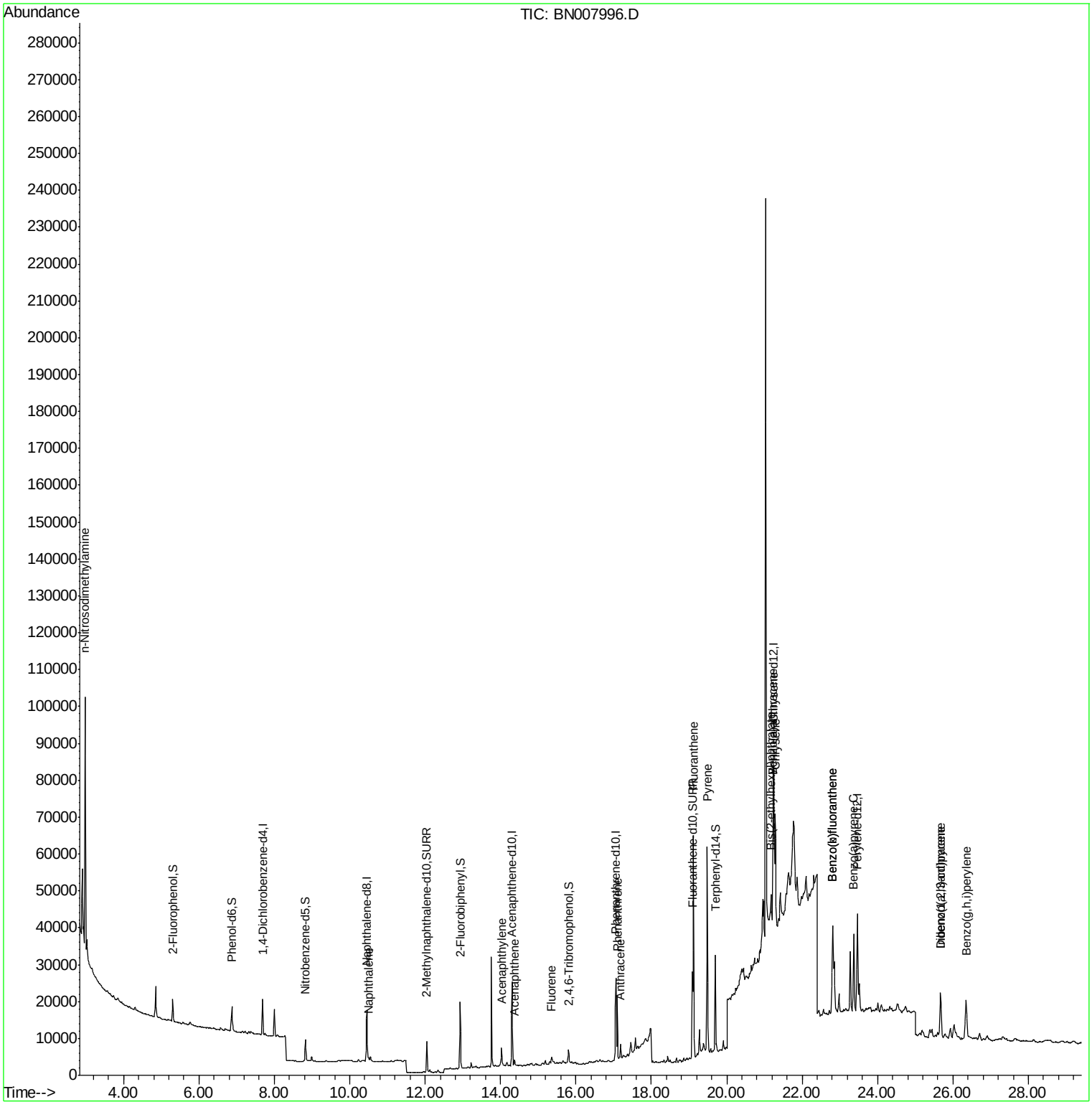
(#) = qualifier out of range (m) = manual integration (+) = signals summed

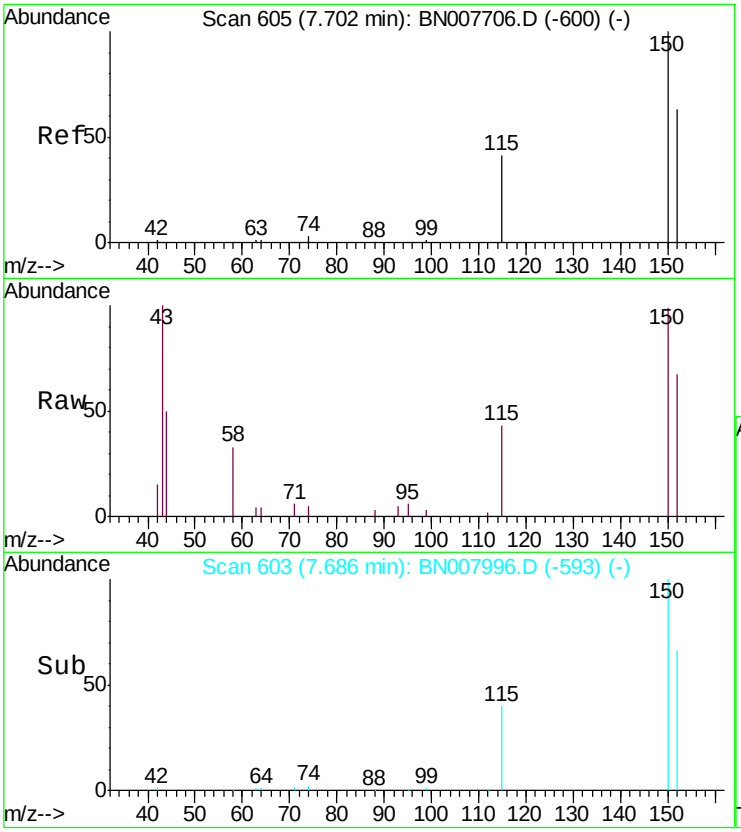
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007996.D
Acq On : 04 Oct 2019 00:35
Operator : JU
Sample : K5077-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Quant Time: Oct 04 05:41:55 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



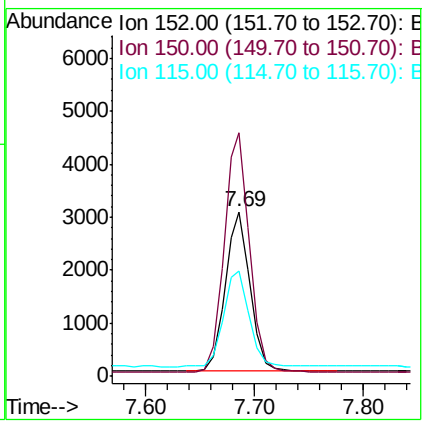


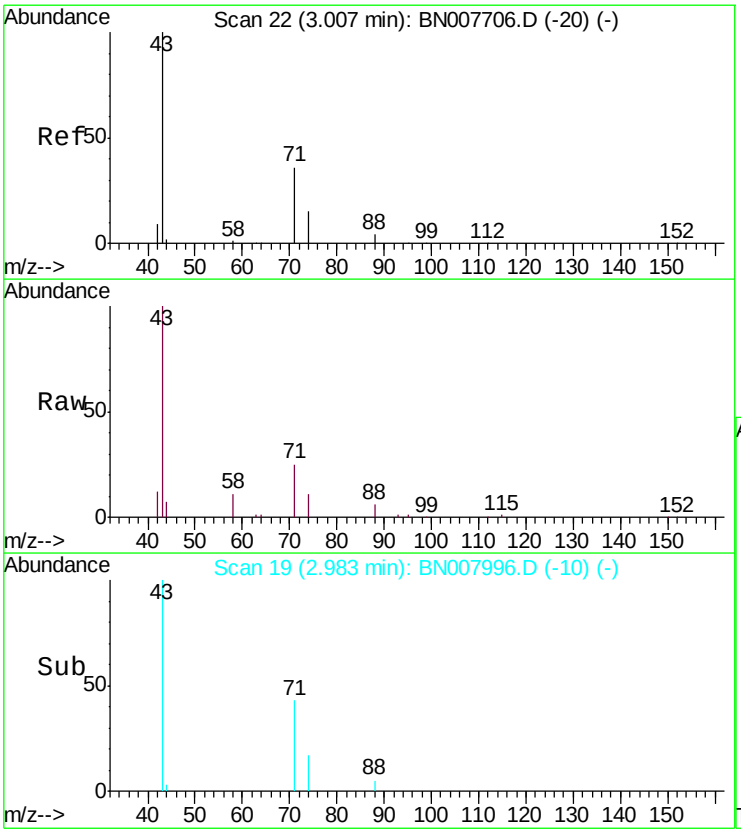
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:152 Resp: 4783

Ion	Ratio	Lower	Upper
152	100		
150	147.8	125.6	188.4
115	63.9	53.3	79.9

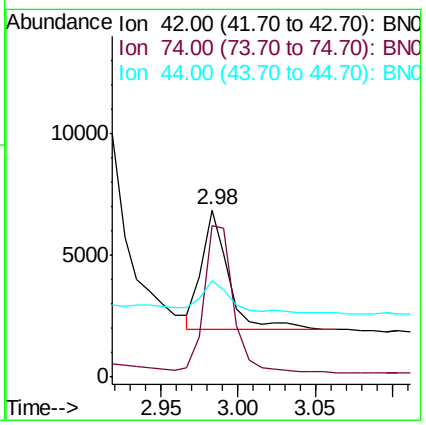


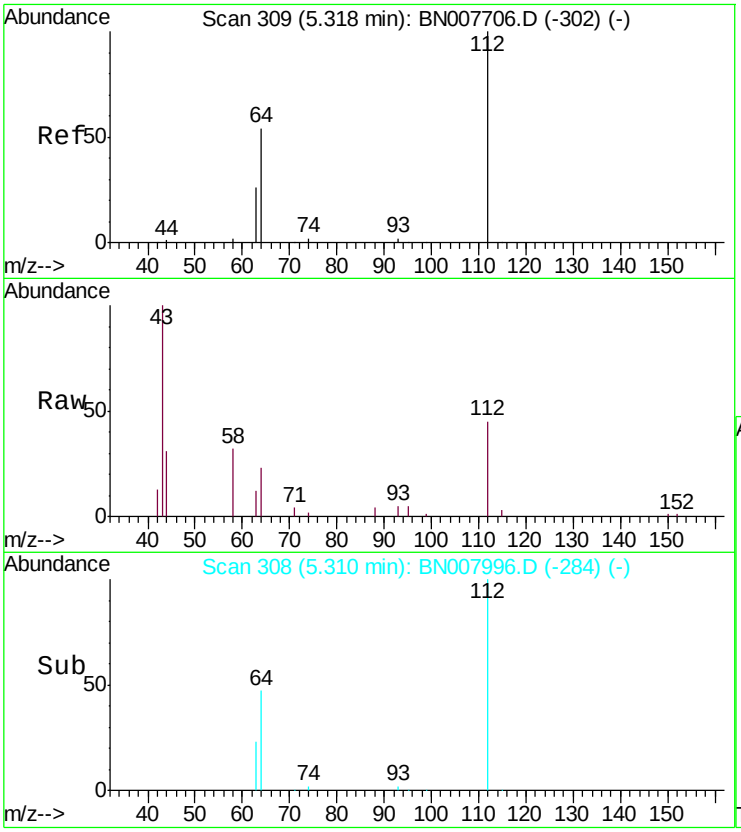


#3
n-Nitrosodimethylamine
Concen: 2.442 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion: 42 Resp: 5964

Ion	Ratio	Lower	Upper
42	100		
74	135.3	87.9	131.9#
44	30.5	29.4	44.0



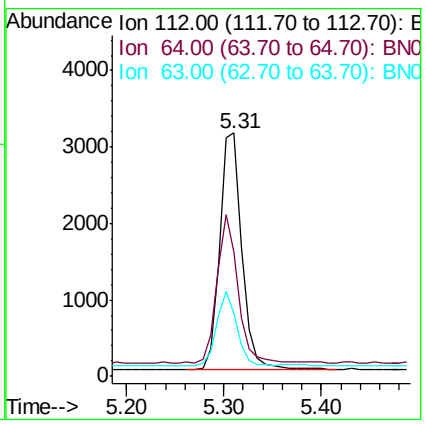


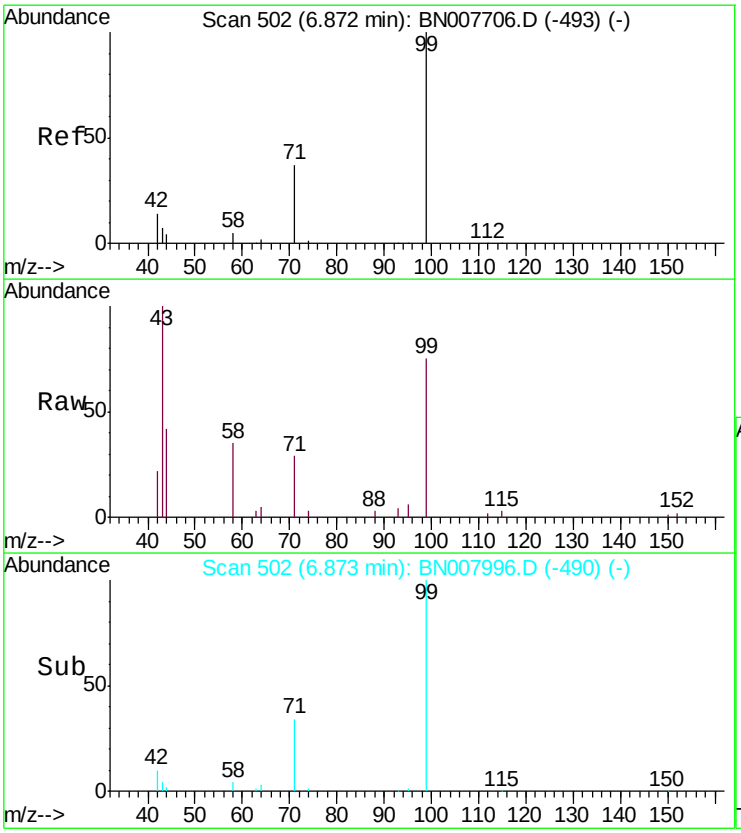
#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:112 Resp: 4997

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.6	70.0
63	28.8	23.1	34.7

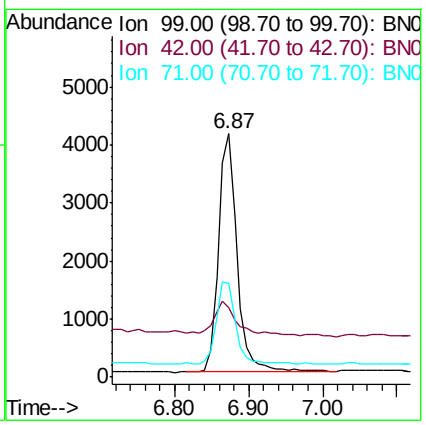


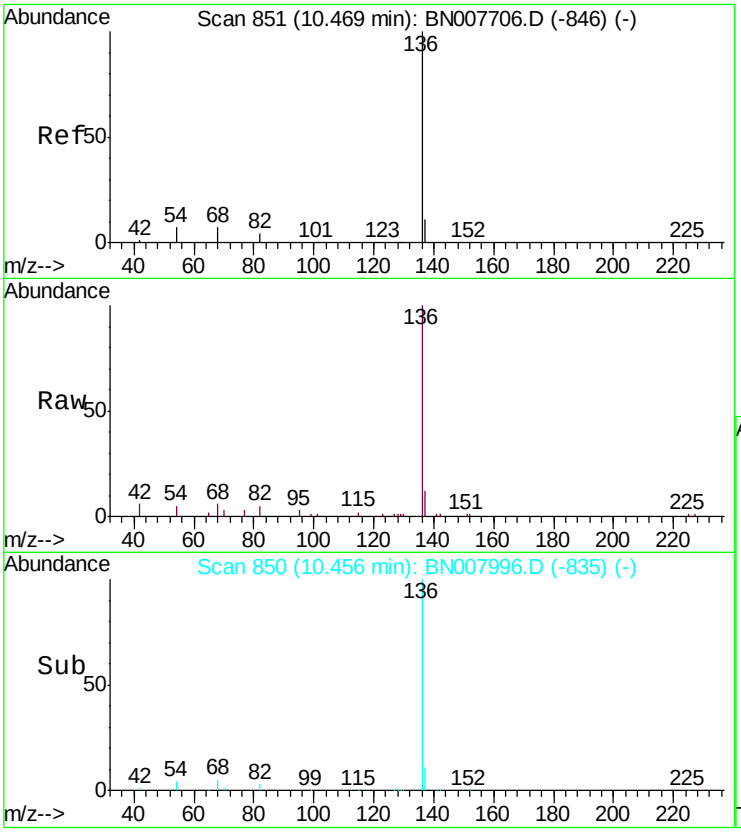


#5
Phenol-d6
Concen: 0.351 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion: 99 Resp: 7212

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	35.9	27.6	41.4



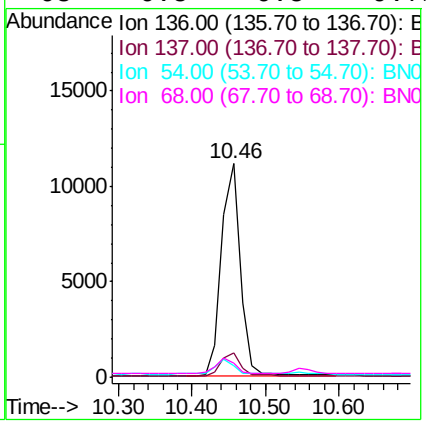


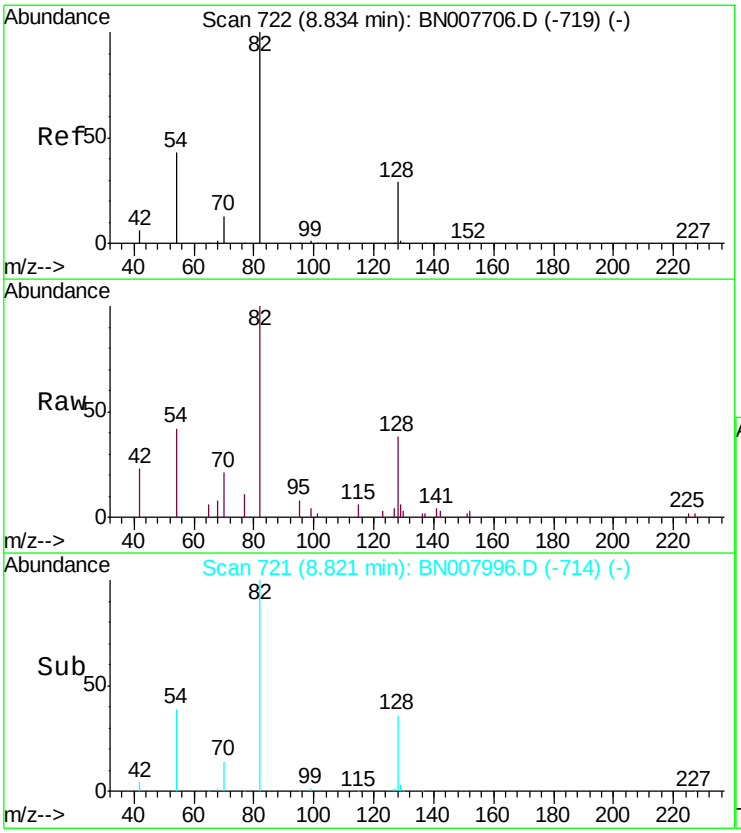
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:136 Resp: 19898

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.4	5.8	8.8#
68	6.5	6.5	9.7#

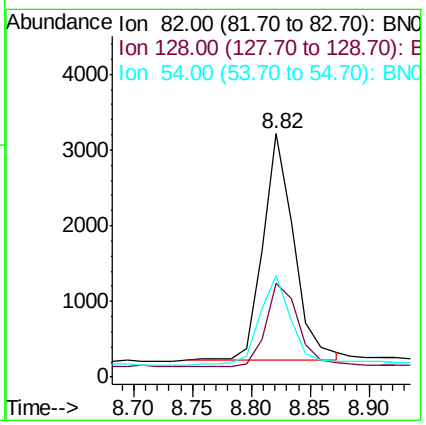


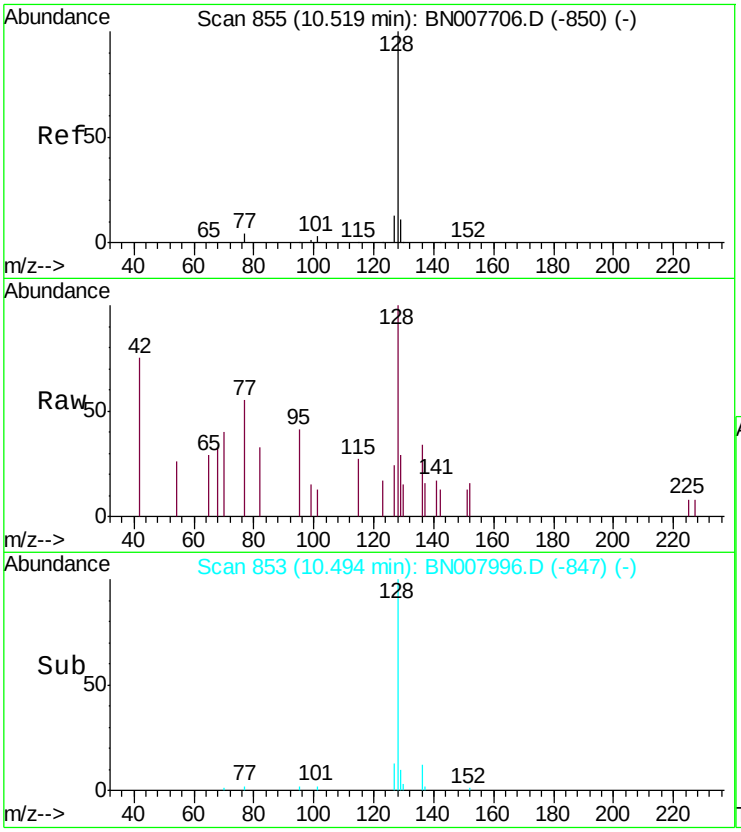


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion: 82 Resp: 5476

Ion	Ratio	Lower	Upper
82	100		
128	38.4	24.5	36.7#
54	41.6	35.2	52.8



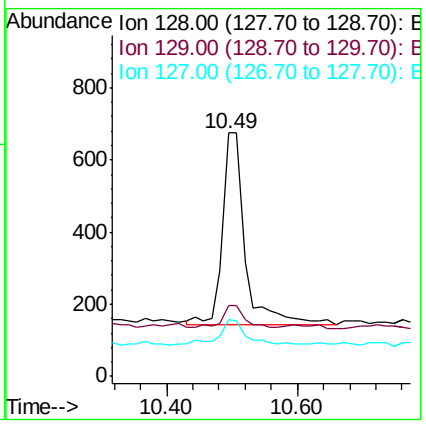


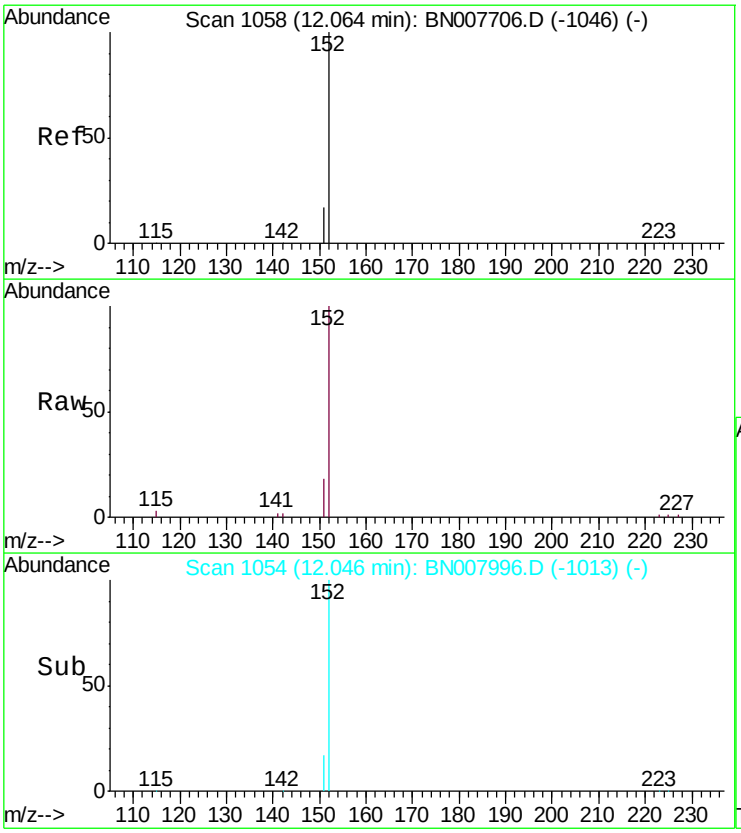
#9
Naphthalene
Concen: 0.023 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:128 Resp: 1275

Ion	Ratio	Lower	Upper
128	100		
129	29.0	9.1	13.7#
127	23.6	10.6	15.8#

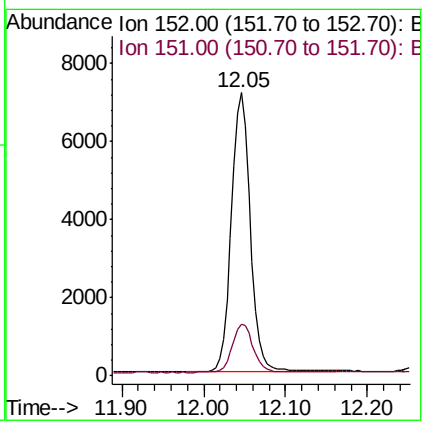


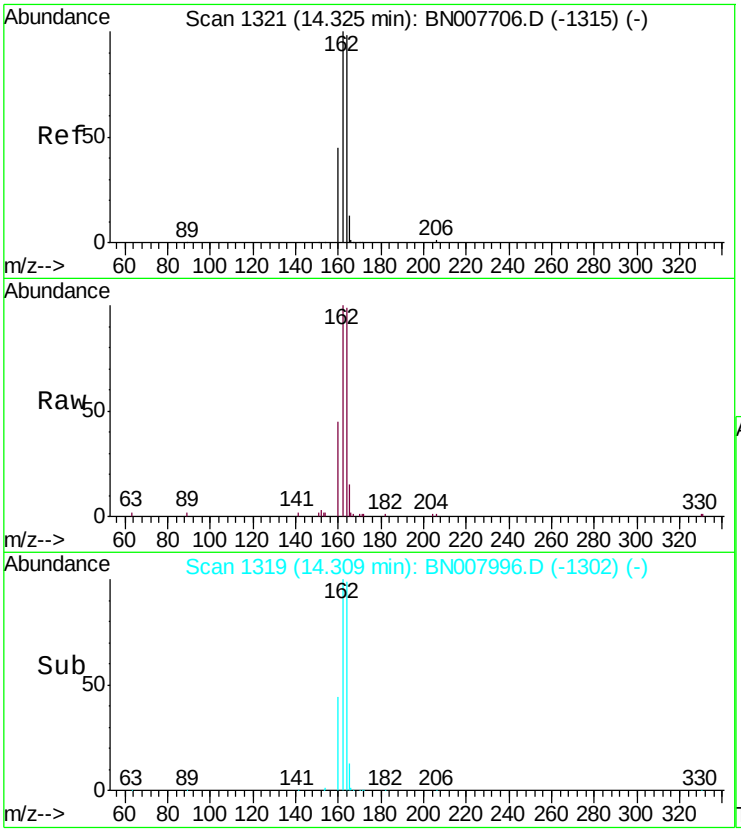


#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:152 Resp: 11484

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2



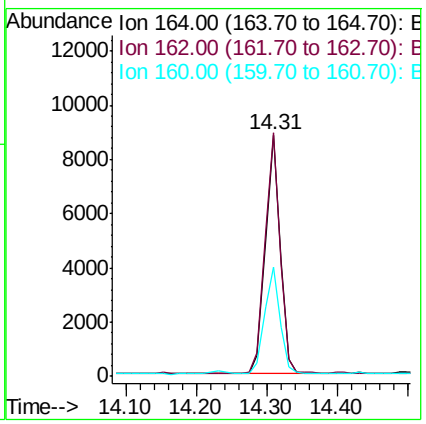


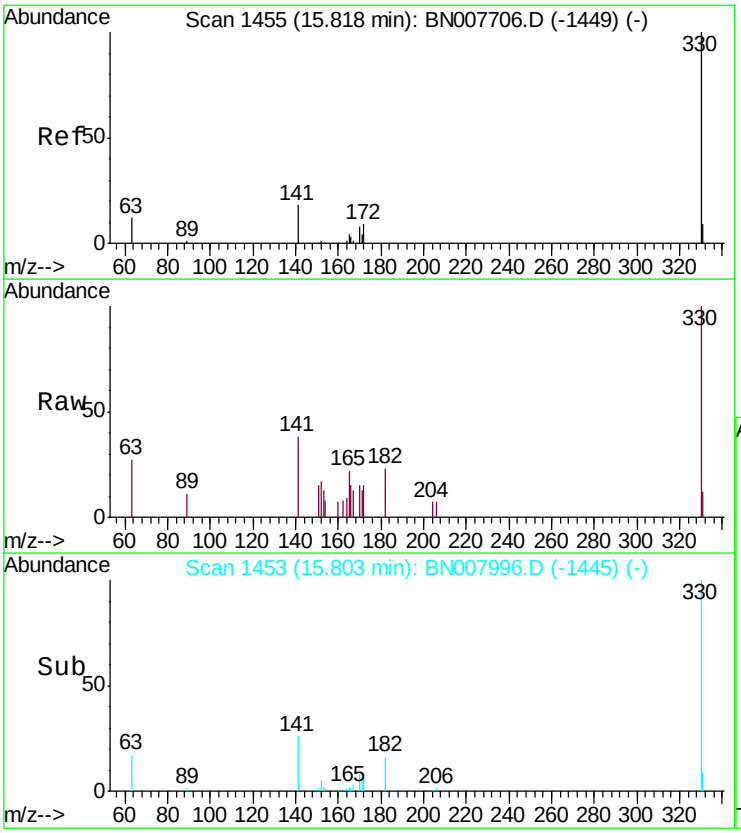
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:164 Resp: 12900

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	45.0	37.0	55.4

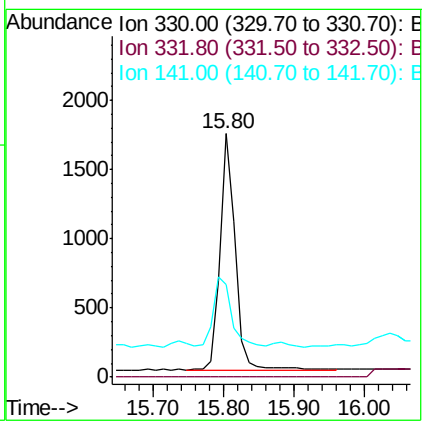


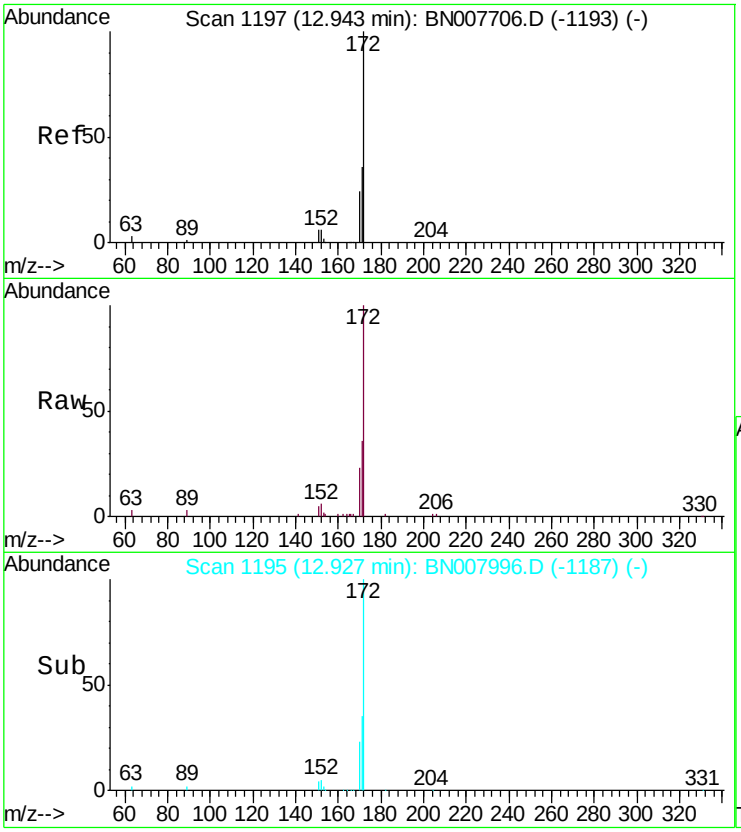


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:330 Resp: 2598

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.4	28.7	43.1



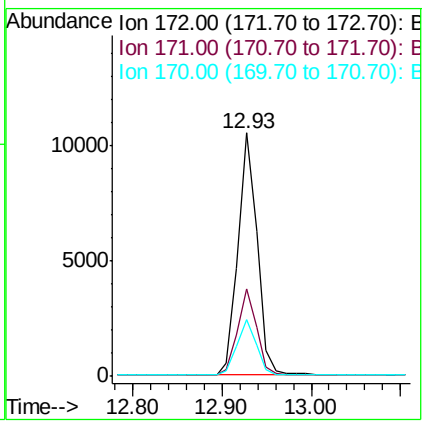


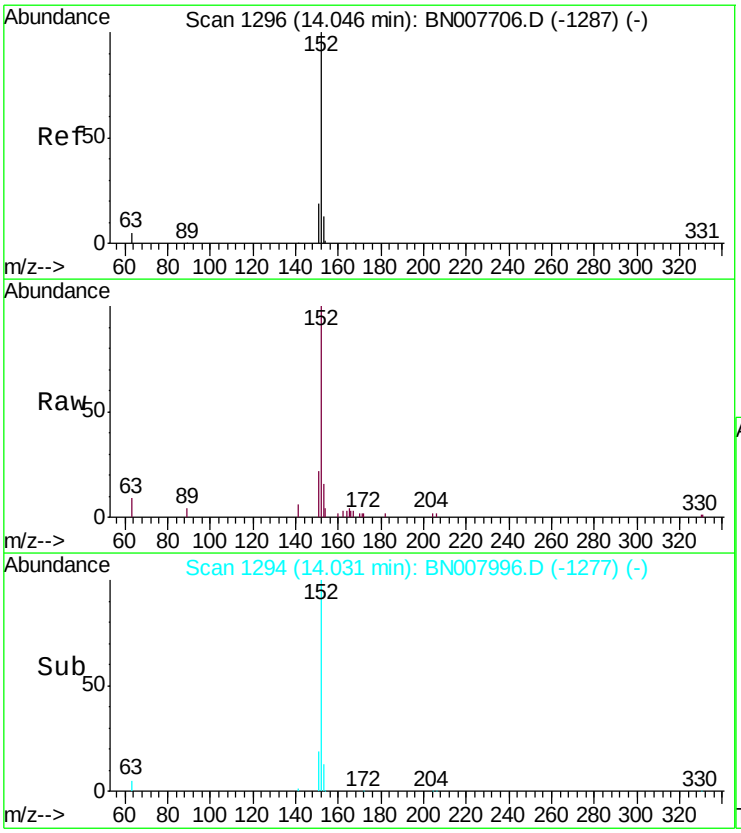
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:172 Resp: 15617

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.1	19.5	29.3

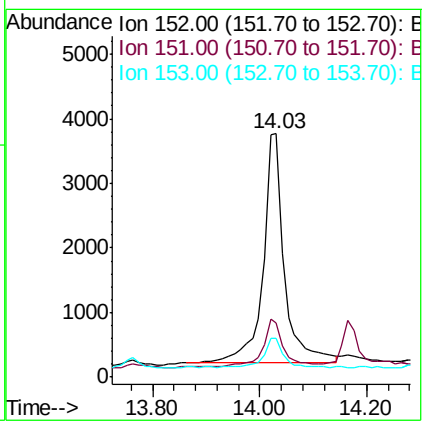


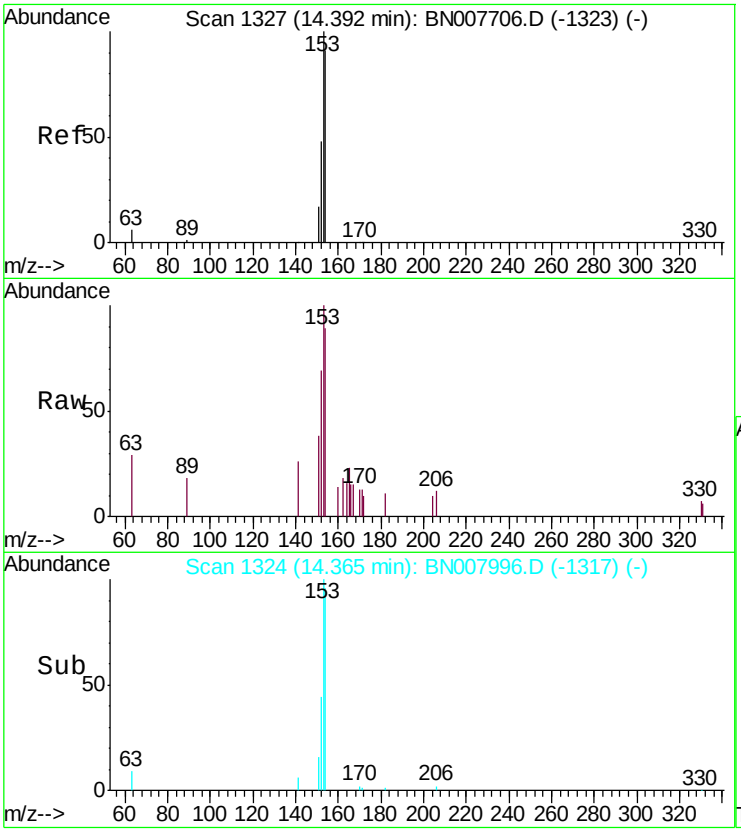


#16
Acenaphthylene
Concen: 0.145 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:152 Resp: 9918

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	11.8	10.4	15.6



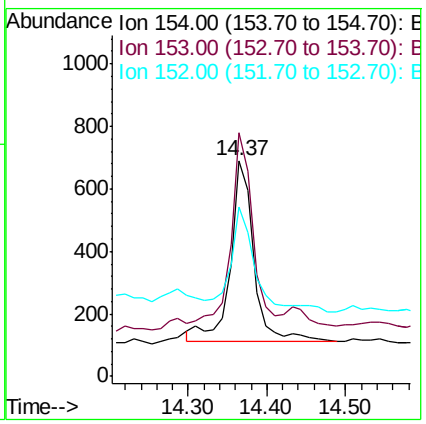


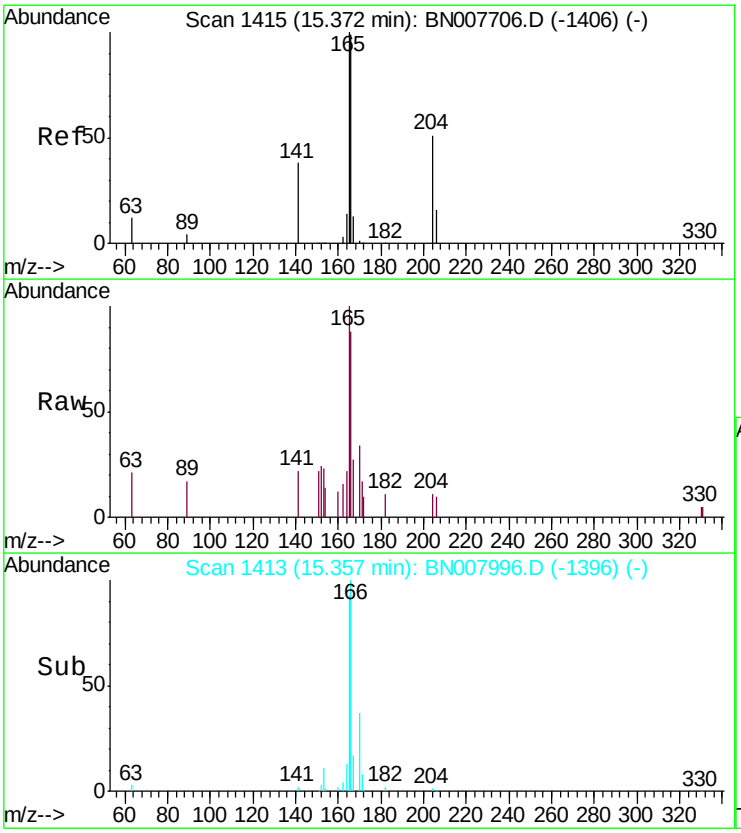
#17
Acenaphthene
Concen: 0.027 ng
RT: 14.37 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:154 Resp: 1208

Ion	Ratio	Lower	Upper
154	100		
153	95.3	87.0	130.4
152	63.0	42.7	64.1

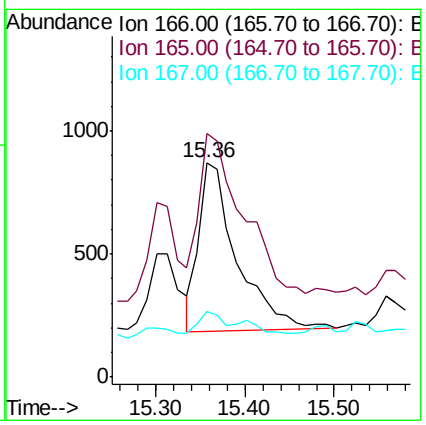


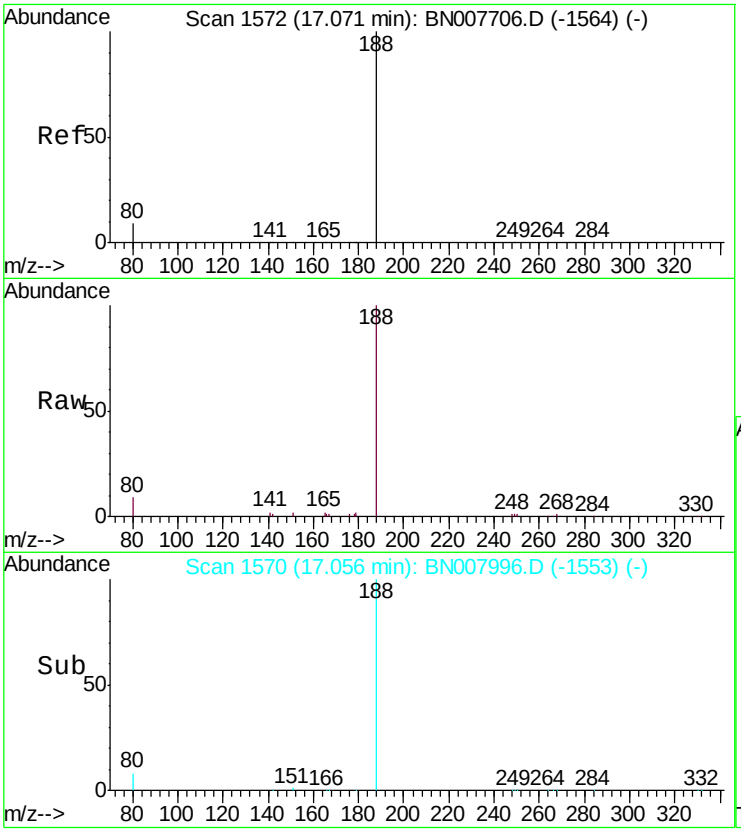


#18
Fluorene
Concen: 0.036 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:166 Resp: 2036

Ion	Ratio	Lower	Upper
166	100		
165	110.6	78.0	117.0
167	15.5	10.9	16.3



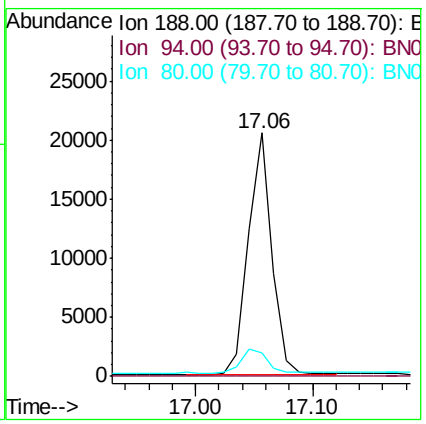


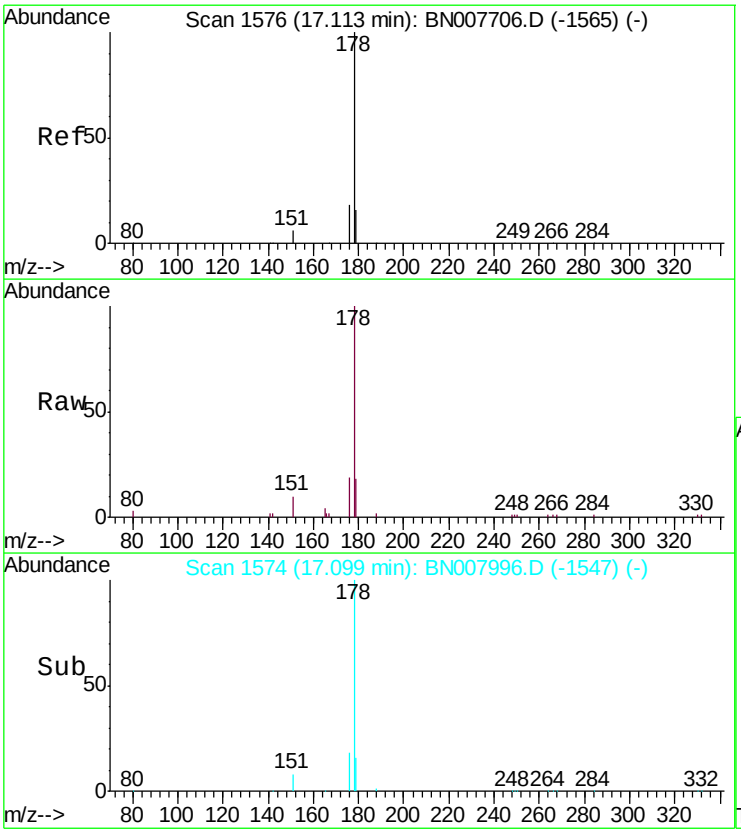
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:188 Resp: 28502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2

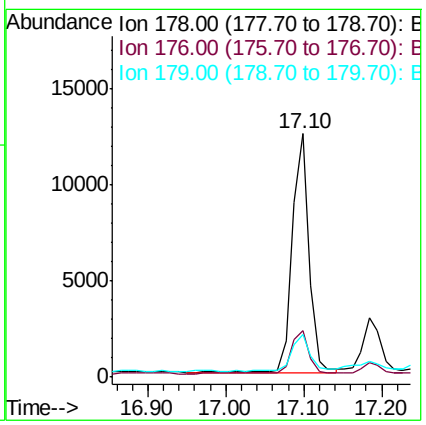


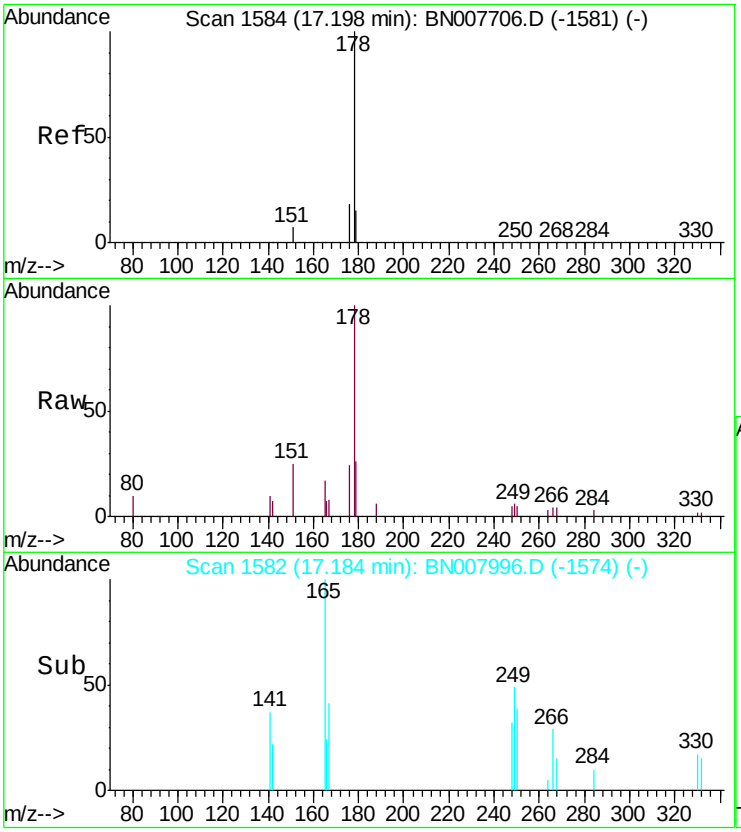


#23
Phenanthrene
Concen: 0.206 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:178 Resp: 18269

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	16.5	12.5	18.7



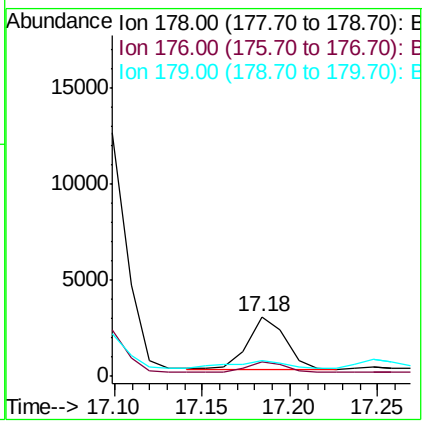


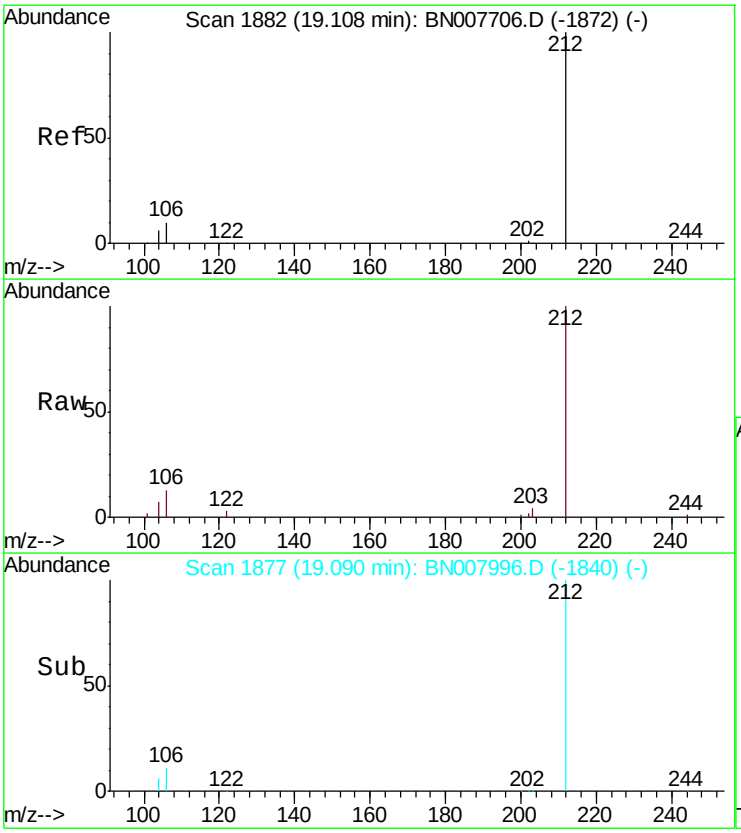
#24
Anthracene
Concen: 0.050 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:178 Resp: 4008

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	21.8
179	22.5	12.2	18.4#

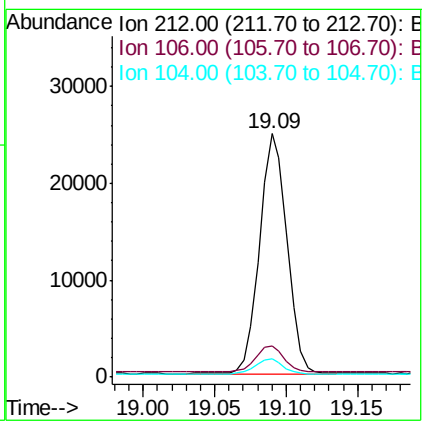


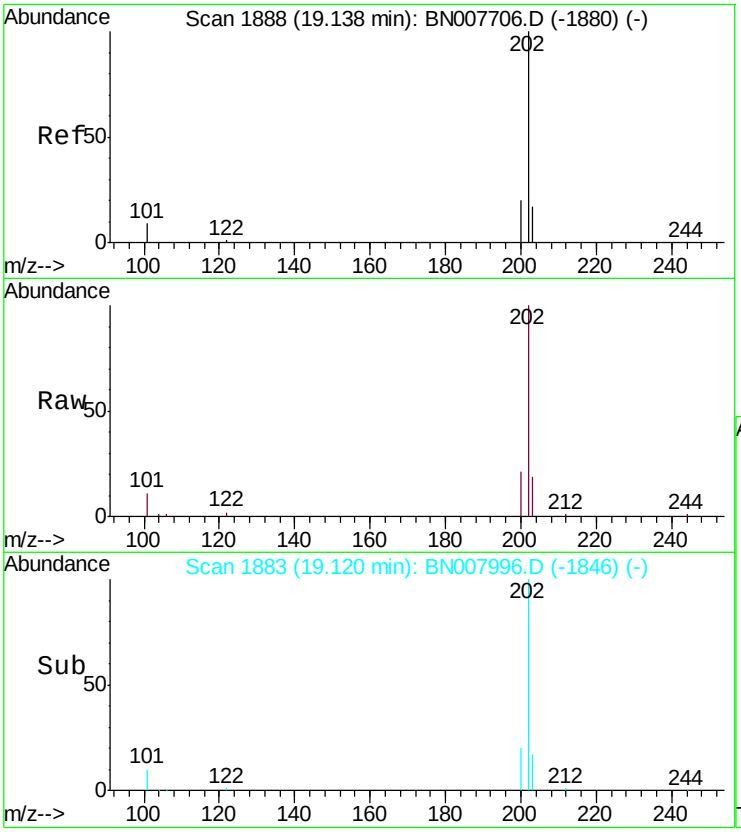


#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.09 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:212 Resp: 32839

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.4	14.0
104	6.7	5.3	7.9



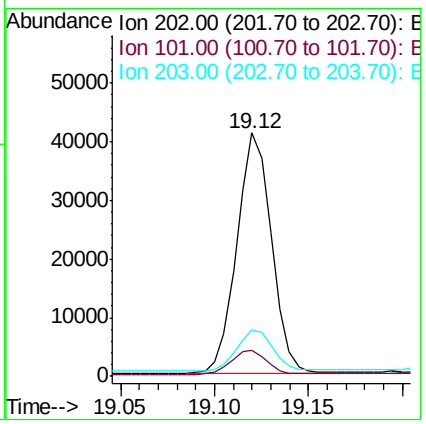


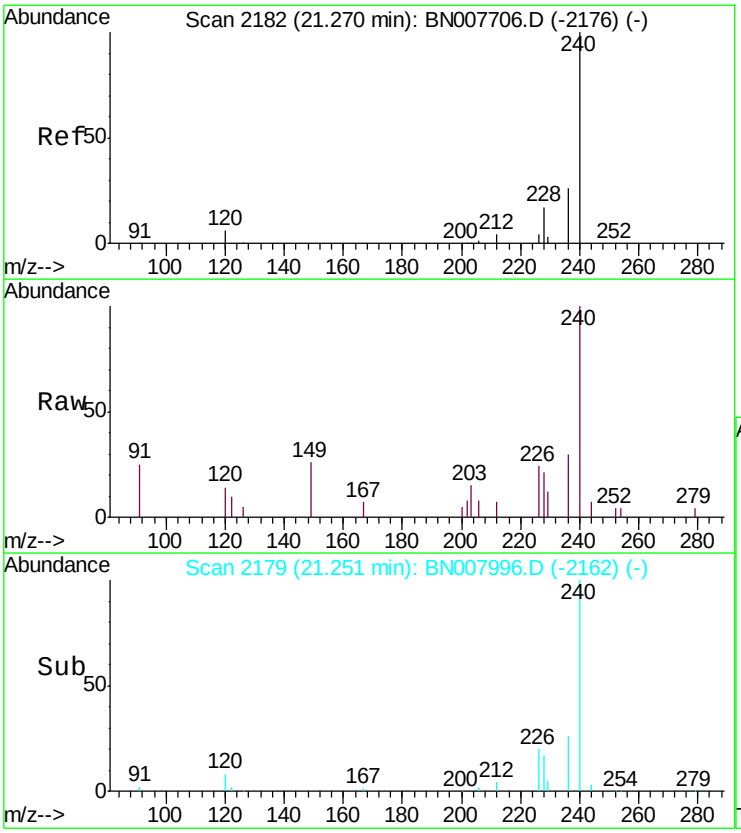
#26
Fluoranthene
Concen: 0.474 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:202 Resp: 52384

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.9	13.8	20.8

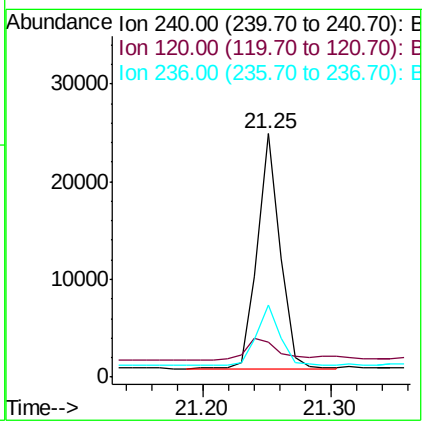


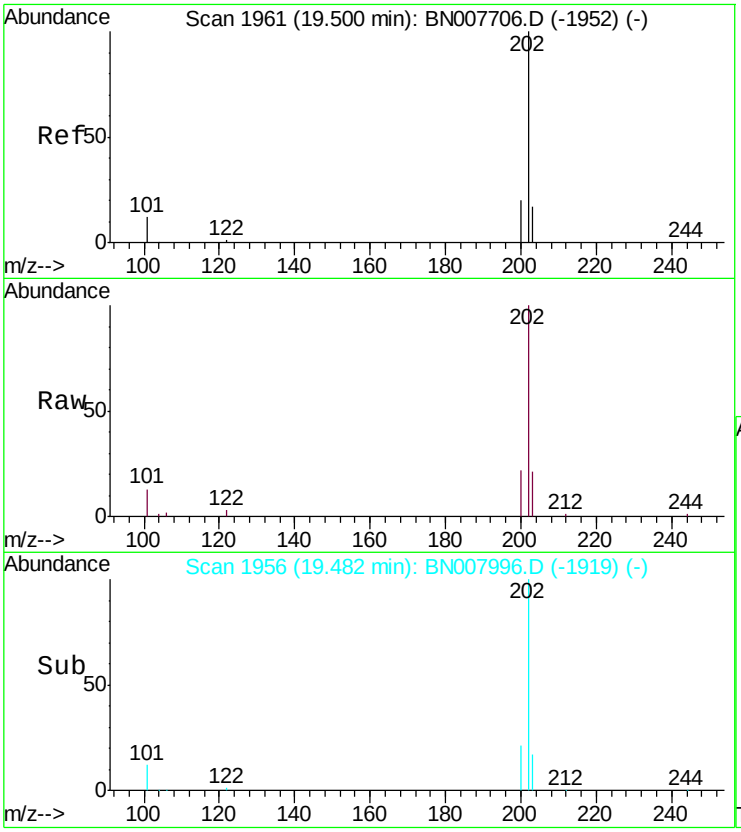


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:240 Resp: 29883

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.4	8.2#
236	29.8	21.0	31.4



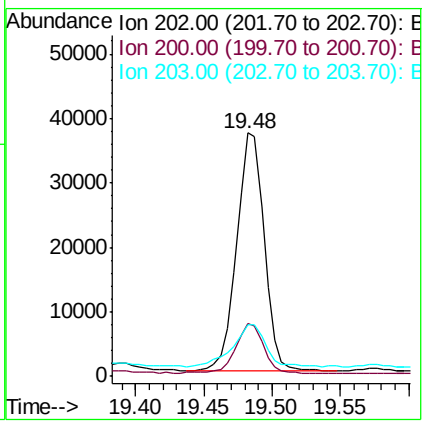


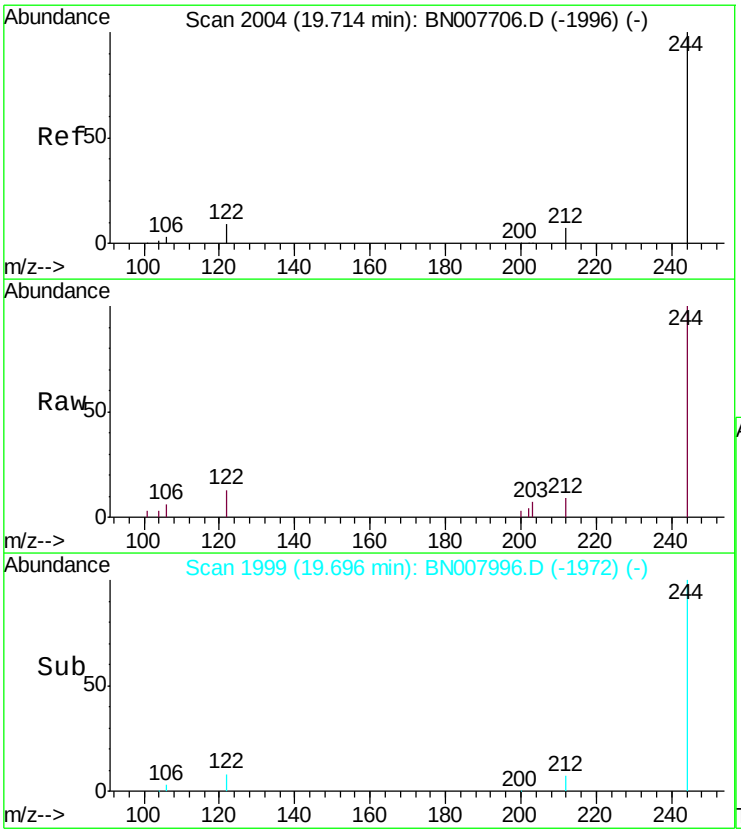
#28
Pyrene
Concen: 0.505 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:202 Resp: 51465

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	20.7	14.1	21.1

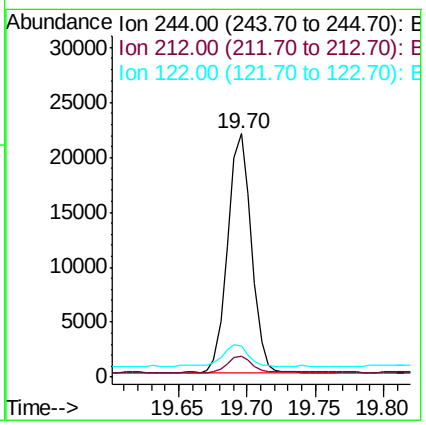


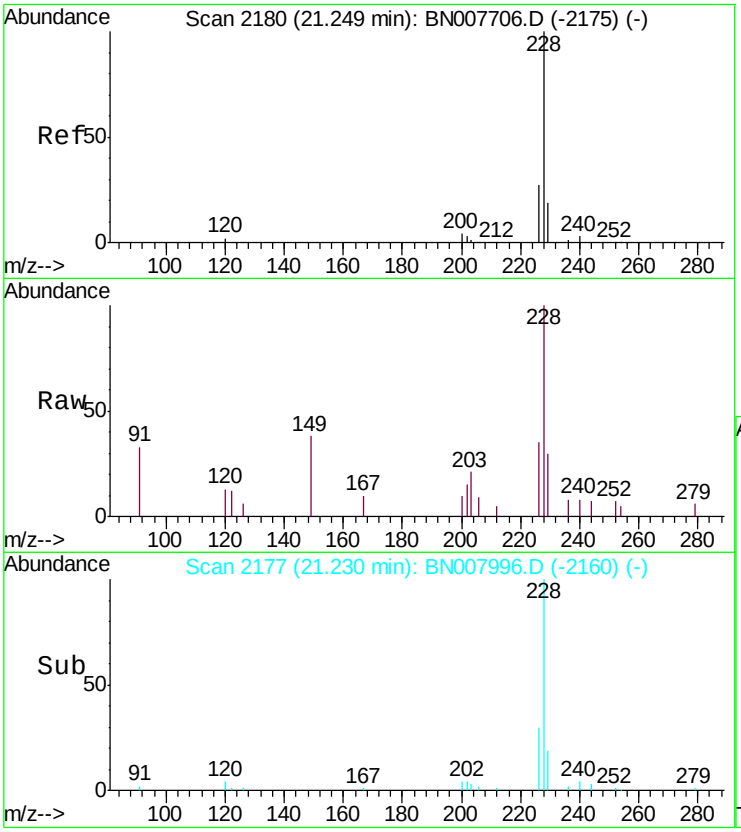


#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:244 Resp: 26233

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	12.7	7.4	11.2#



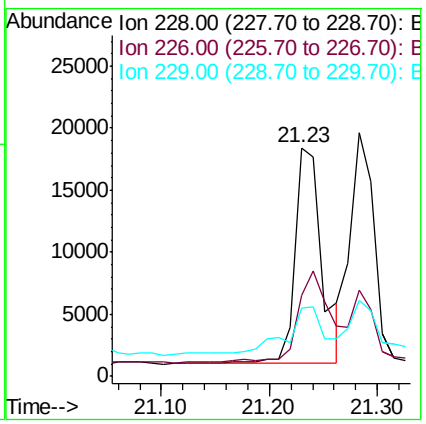


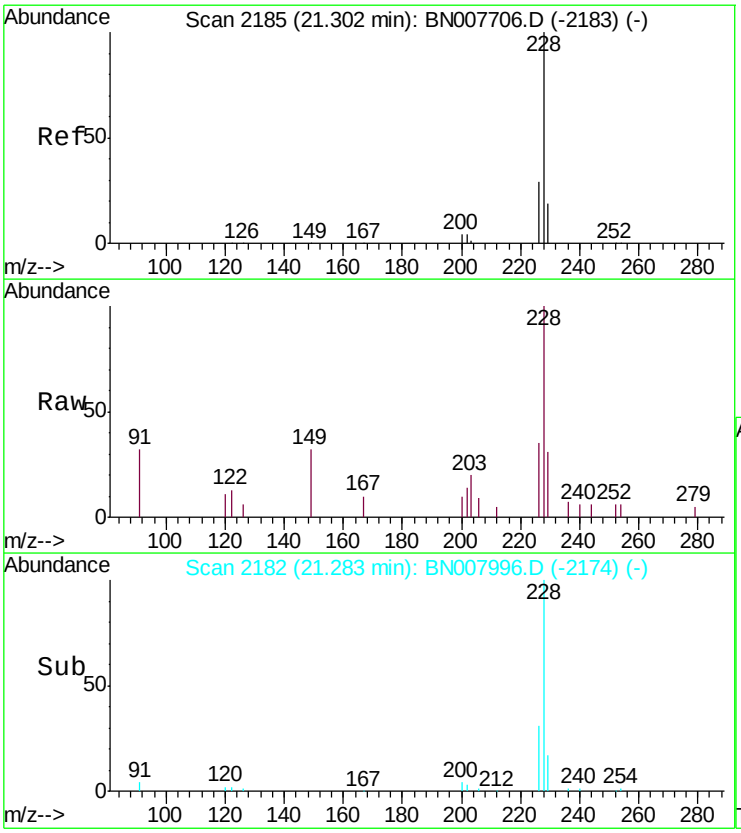
#30
Benzo(a)anthracene
Concen: 0.274 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:228 Resp: 30171

Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.1	33.1#
229	29.6	15.8	23.6#

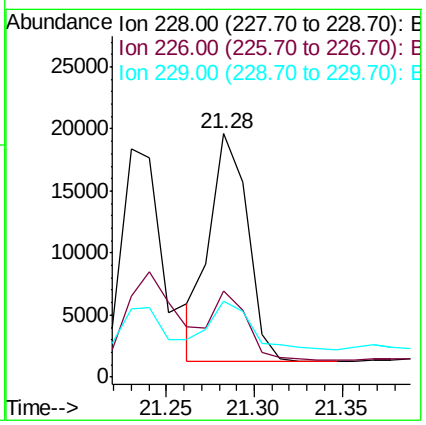


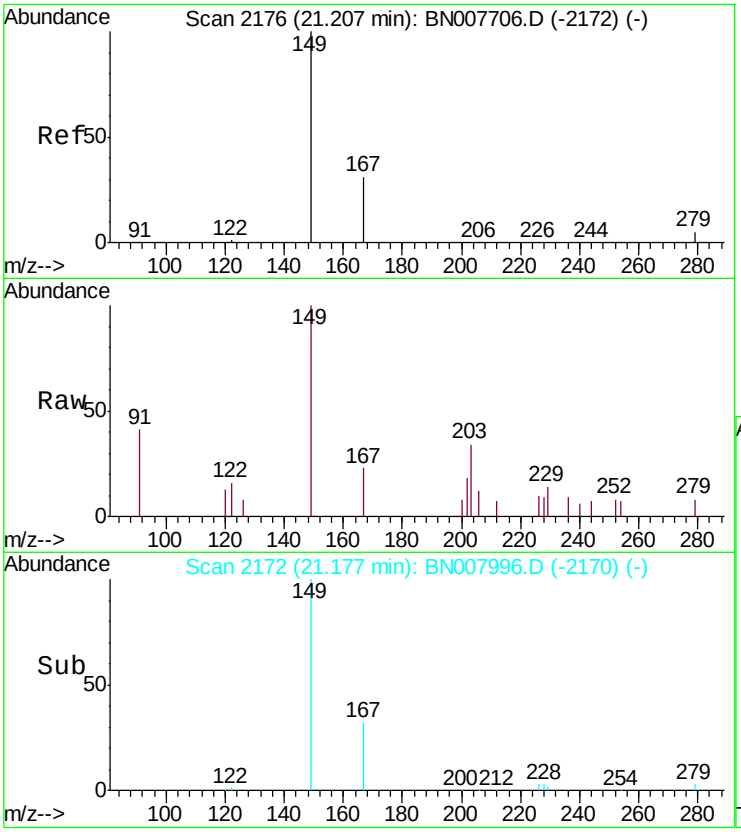


#31
Chrysene
Concen: 0.257 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:228 Resp: 27512

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.9	35.9
229	30.9	15.8	23.6#



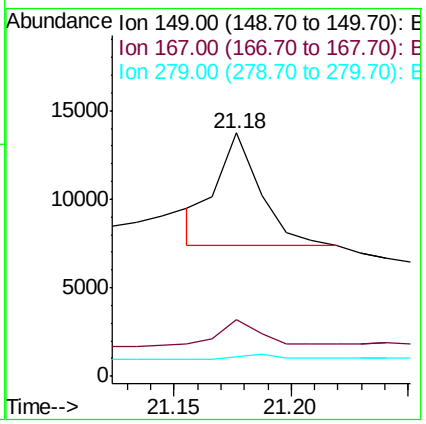


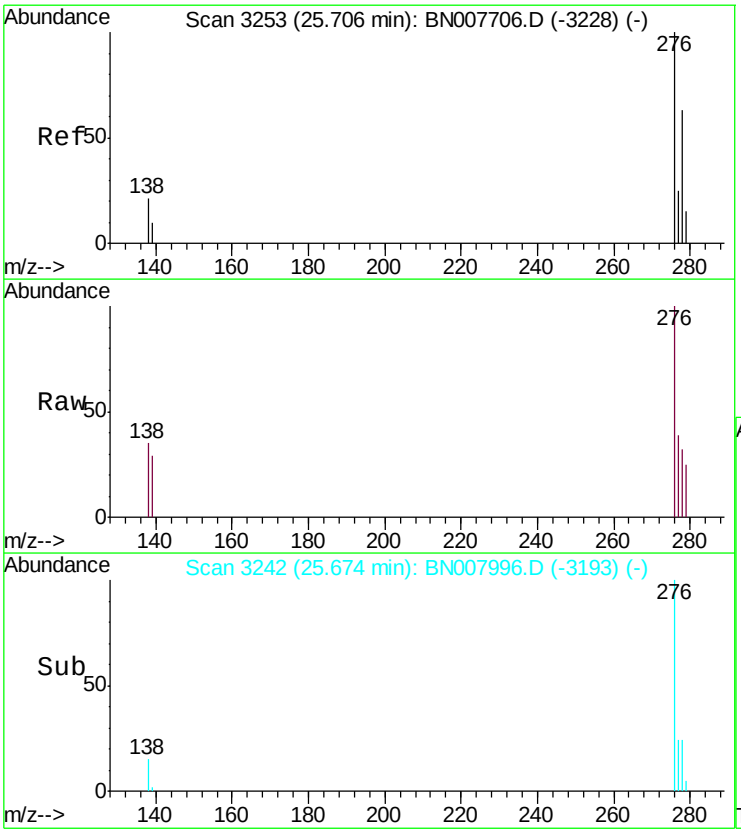
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:149 Resp: 8309

Ion	Ratio	Lower	Upper
149	100		
167	16.9	23.7	35.5#
279	4.4	4.2	6.2

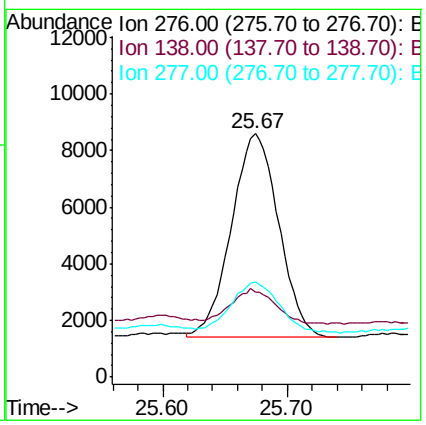


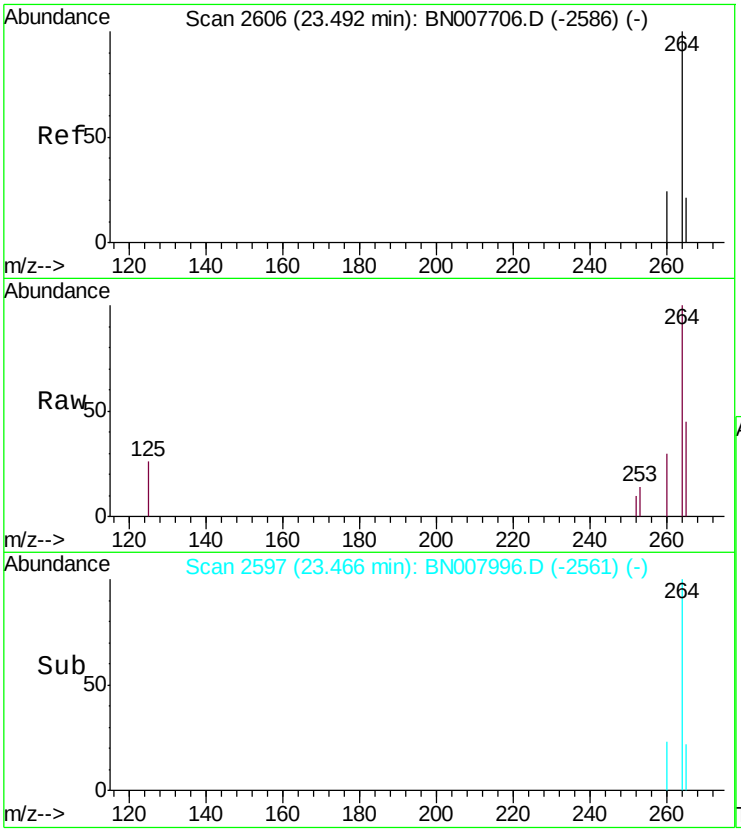


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:276 Resp: 19002

Ion	Ratio	Lower	Upper
276	100		
138	16.6	17.1	25.7#
277	24.9	20.0	30.0



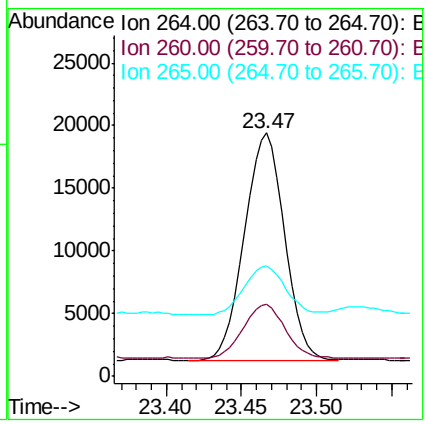


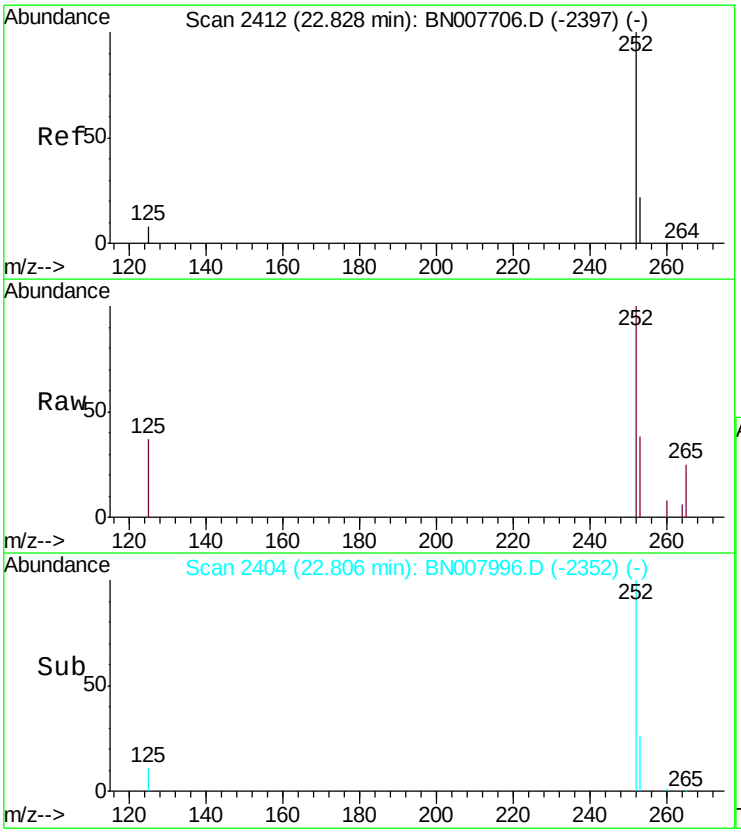
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:264 Resp: 32998

Ion	Ratio	Lower	Upper
264	100		
260	29.5	19.3	28.9#
265	45.4	26.9	40.3#

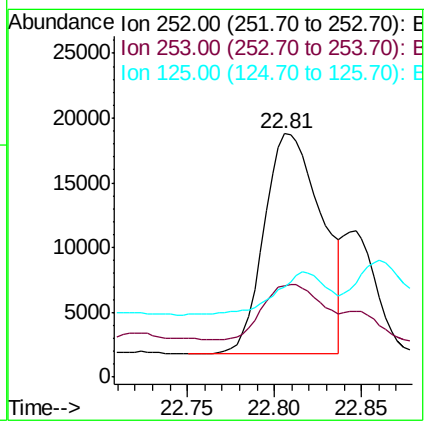


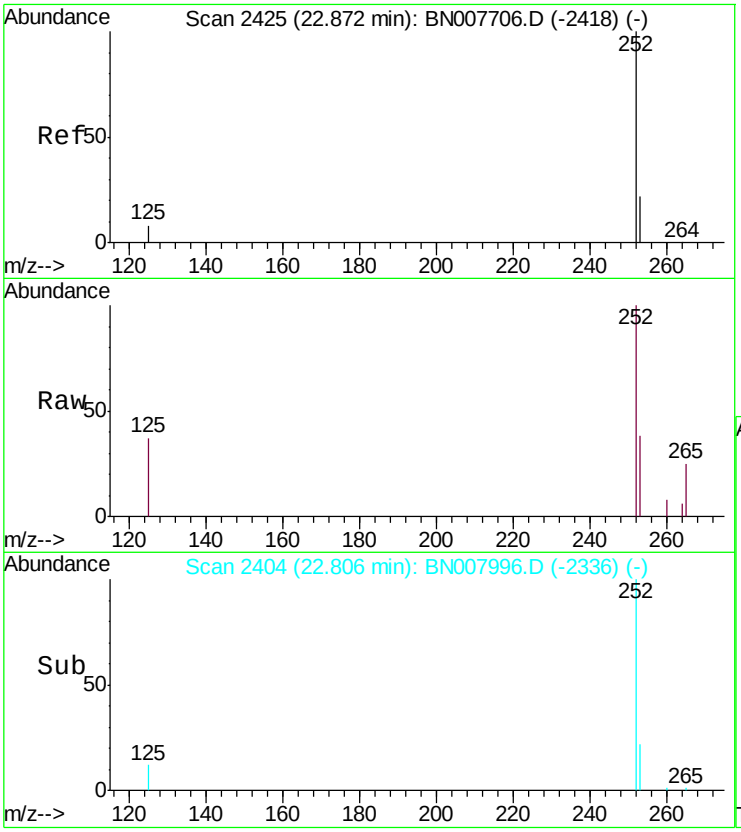


#35
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:252 Resp: 39166

Ion	Ratio	Lower	Upper
252	100		
253	37.7	18.3	27.5#
125	37.0	8.2	12.4#



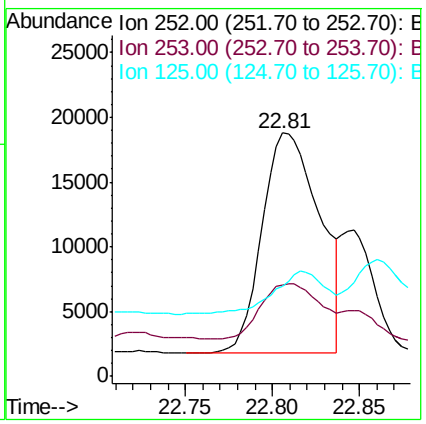


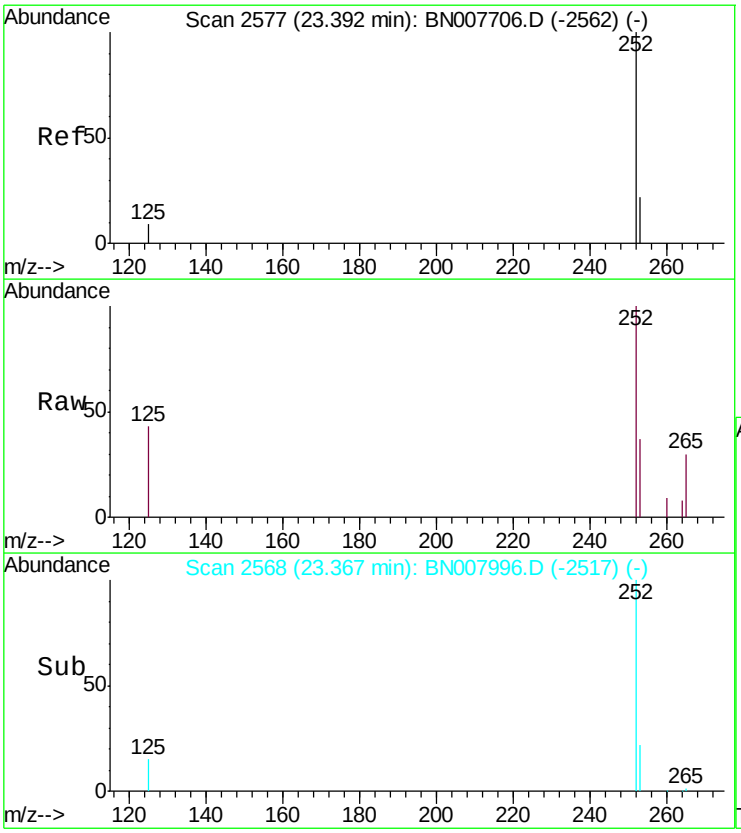
#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.07 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:252 Resp: 39166

Ion	Ratio	Lower	Upper
252	100		
253	37.7	18.5	27.7#
125	37.0	8.4	12.6#

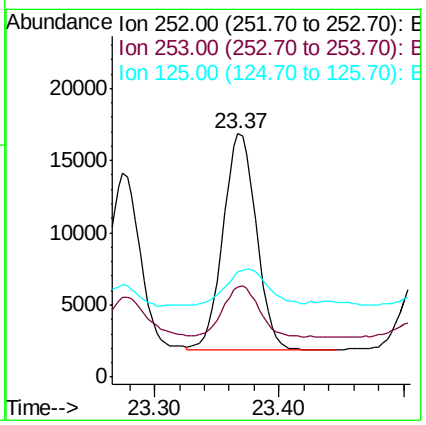


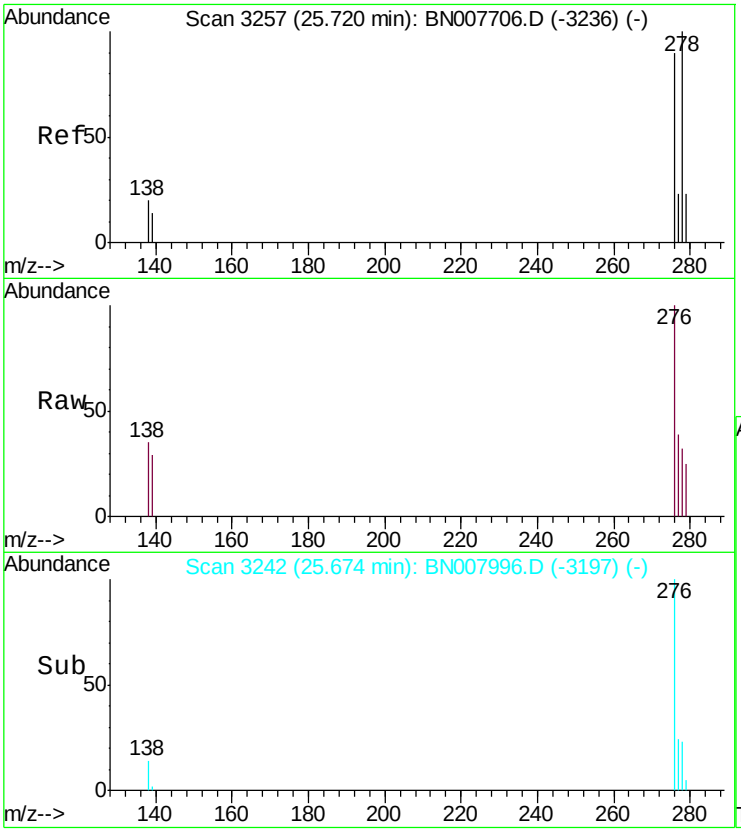


#37
Benzo(a)pyrene
Concen: 0.257 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:252 Resp: 27696

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.6	27.8#
125	43.1	9.4	14.0#



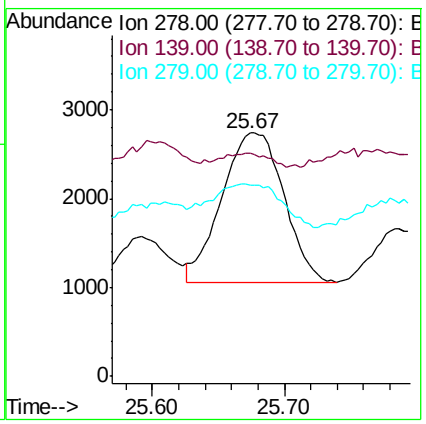


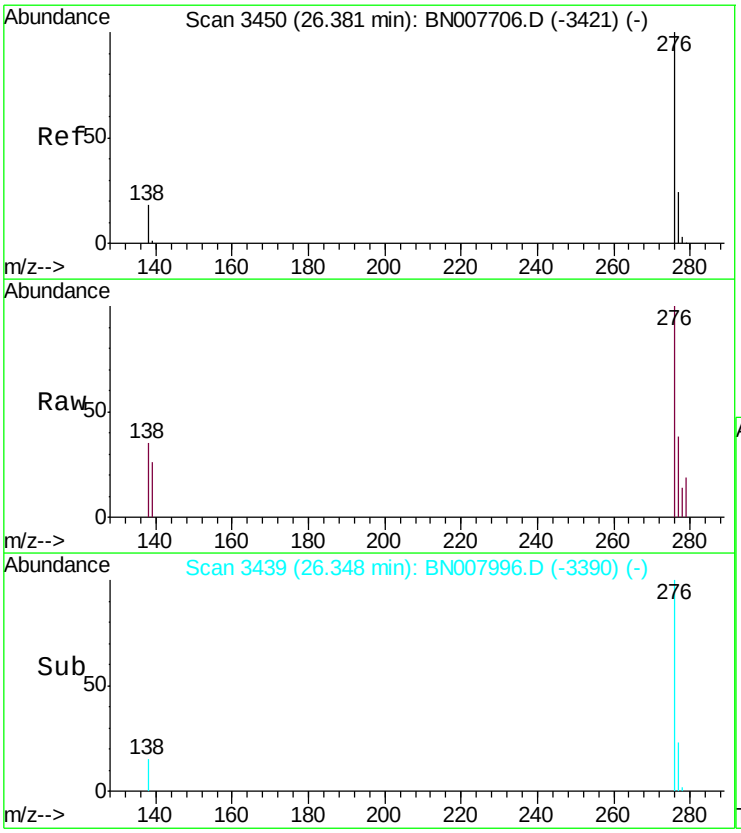
#38
Dibenzo(a,h)anthracene
Concen: 0.050 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.05 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Instrument :
BNA_N
ClientSampleId :
PST-024-B270-092619

Tgt Ion:278 Resp: 5526

Ion	Ratio	Lower	Upper
278	100		
139	91.7	11.8	17.6#
279	78.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.213 ng
RT: 26.35 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BN007996.D
Acq: 04 Oct 2019 00:35

Tgt Ion:276 Resp: 23196

Ion	Ratio	Lower	Upper
276	100		
277	38.5	19.8	29.8#
138	34.8	15.1	22.7#