Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007998.D
Acq On : 04 Oct 2019 01:47
Operator : JU
Sample : K5077-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B264-092619

Quant Time: Oct 04 05:42:20 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	4793	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	20497	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	13329	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	29187	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	30762	0.40	ng		-0.02
34) Perylene-d12	23.47	264	33629	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5408	0.33	ng		0.00
5) Phenol-d6	6.87	99	7759	0.38	ng		0.00
8) Nitrobenzene-d5	8.82	82	5860	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	12331	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	2641	0.36	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	16962	0.31	ng		-0.02
25) Fluoranthene-d10	19.10	212	34705	0.35	ng		-0.01
29) Terphenyl-d14	19.70	244	27749	0.37	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	6688	2.733	ng		84
16) Acenaphthylene	14.03	152	9378	0.133	ng		99
18) Fluorene	15.37	166	1891	0.032	ng	#	78
22) Pentachlorophenol	16.72	266	170	0.024	ng	#	84
23) Phenanthrene	17.10	178	29068	0.320	ng		100
24) Anthracene	17.18	178	6306	0.077	ng	#	95
26) Fluoranthene	19.12	202	54670	0.484	ng		99
28) Pyrene	19.49	202	61102	0.582	ng		96
30) Benzo(a)anthracene	21.24	228	28597	0.252	ng	#	79
31) Chrysene	21.29	228	30980	0.281	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.18	149	7624	0.131	ng		96
33) Indeno(1,2,3-cd)pyrene	25.67	276	18016	0.130	ng	#	94
35) Benzo(b)fluoranthene	22.81	252	35307	0.302	ng	#	76
36) Benzo(k)fluoranthene	22.81	252	35307	0.306	ng	#	76
37) Benzo(a)pyrene	23.37	252	25845	0.236	ng	#	72
38) Dibenzo(a,h)anthracene	25.68	278	4739	0.042	ng	#	1
39) Benzo(g,h,i)perylene	26.35	276	18438	0.166	ng	#	79

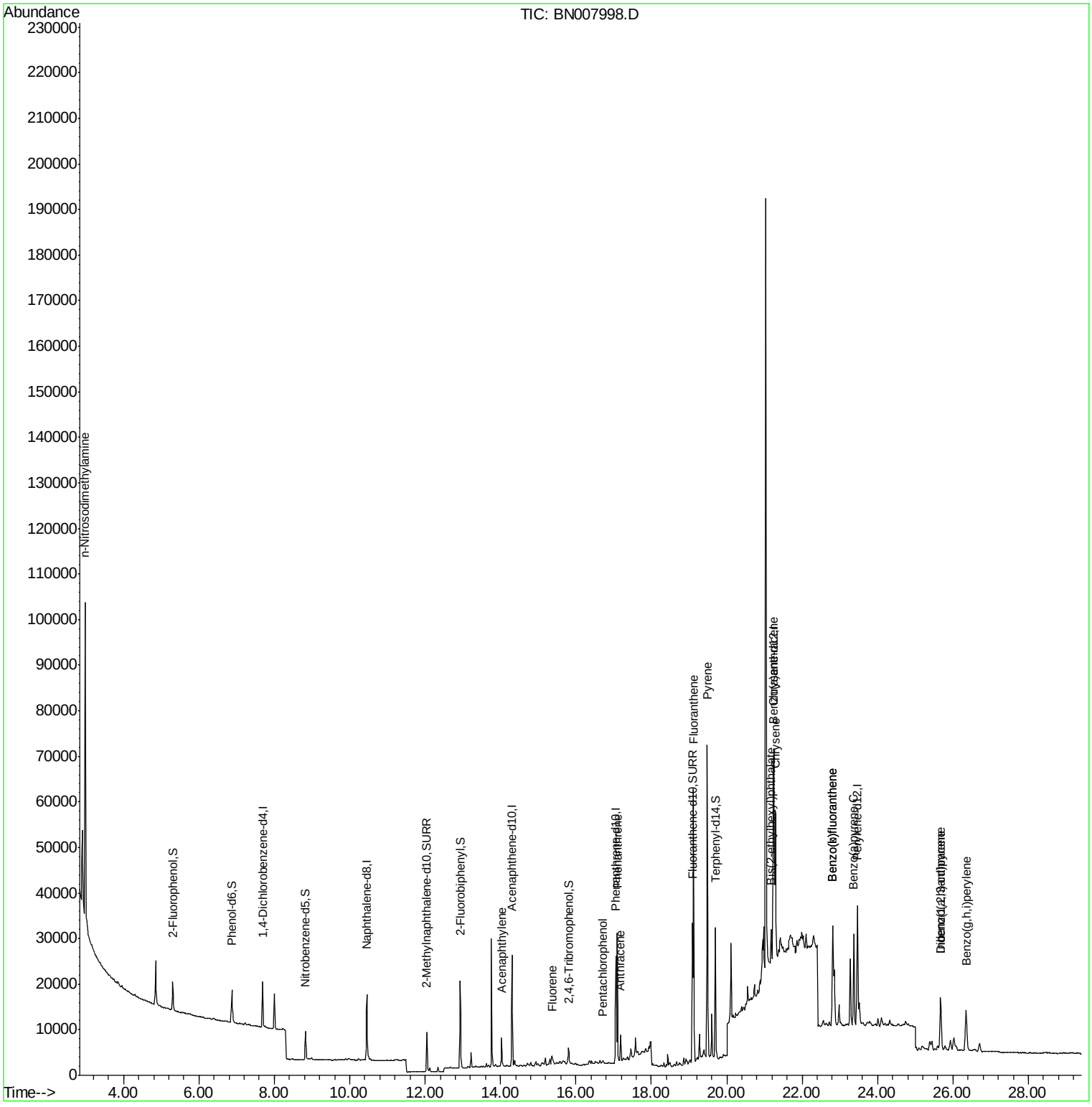
(#) = qualifier out of range (m) = manual integration (+) = signals summed

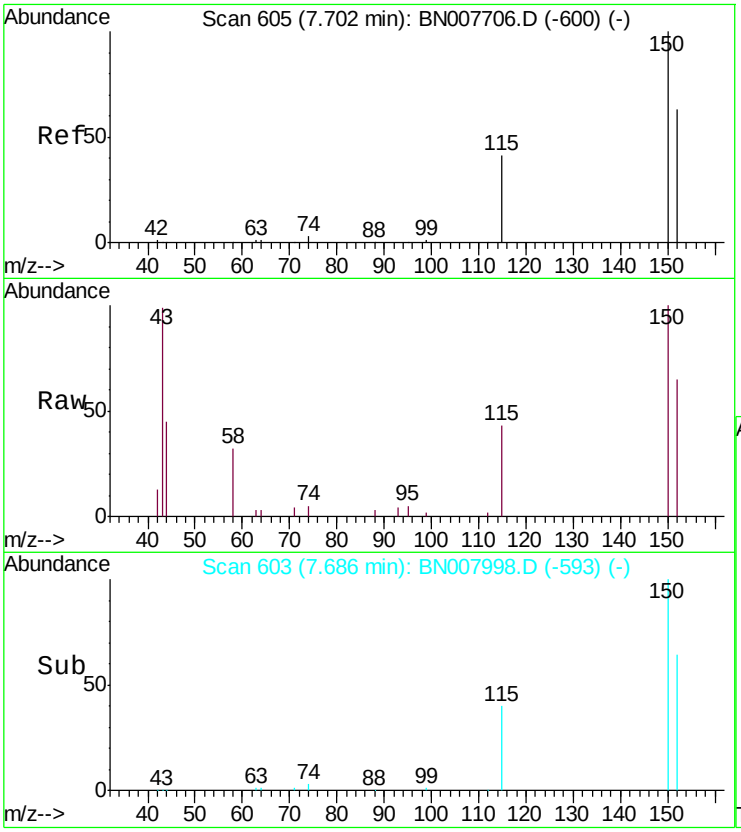
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007998.D
Acq On : 04 Oct 2019 01:47
Operator : JU
Sample : K5077-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Quant Time: Oct 04 05:42:20 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



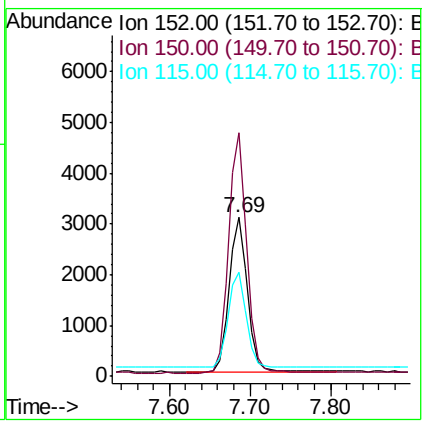


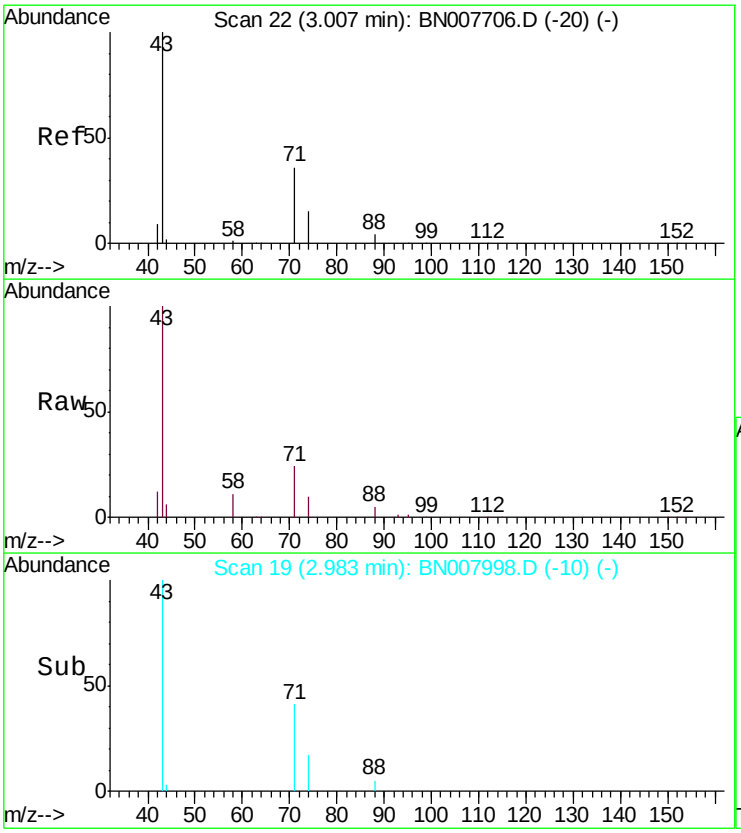
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:152 Resp: 4793

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.6	188.4
115	65.8	53.3	79.9

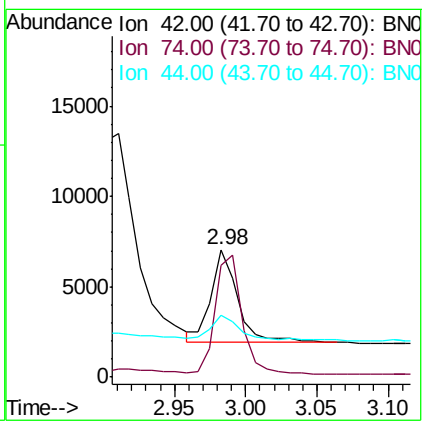


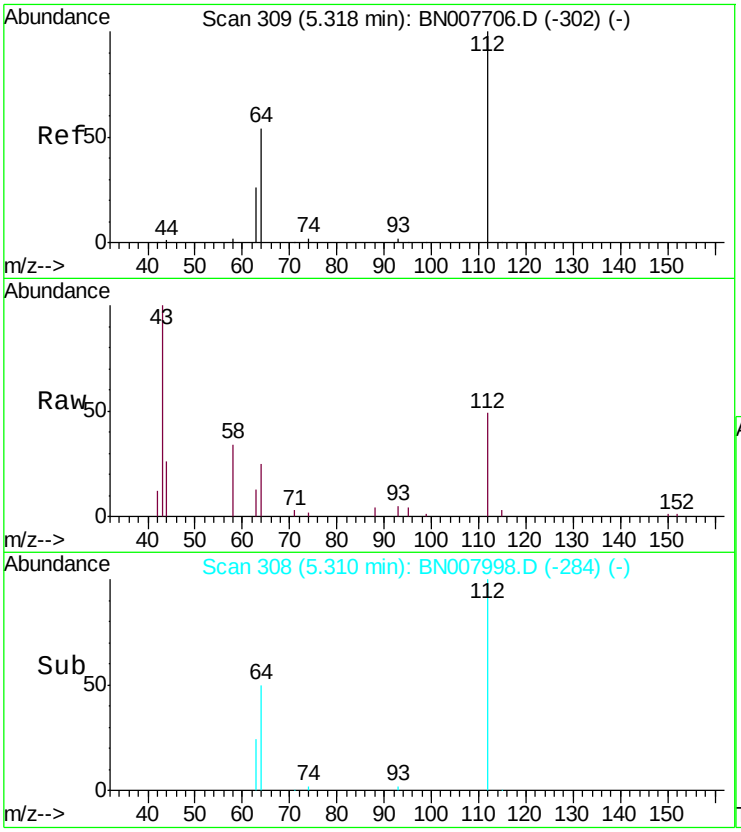


#3
n-Nitrosodimethylamine
Concen: 2.733 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion: 42 Resp: 6688

Ion	Ratio	Lower	Upper
42	100		
74	129.4	87.9	131.9
44	31.0	29.4	44.0



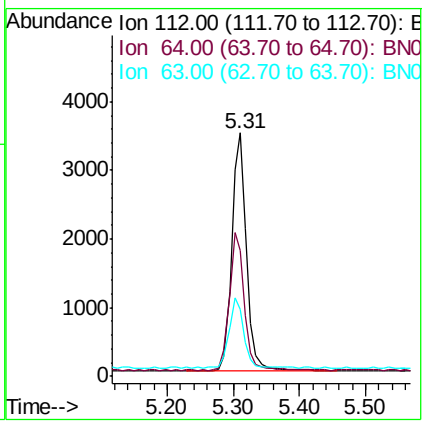


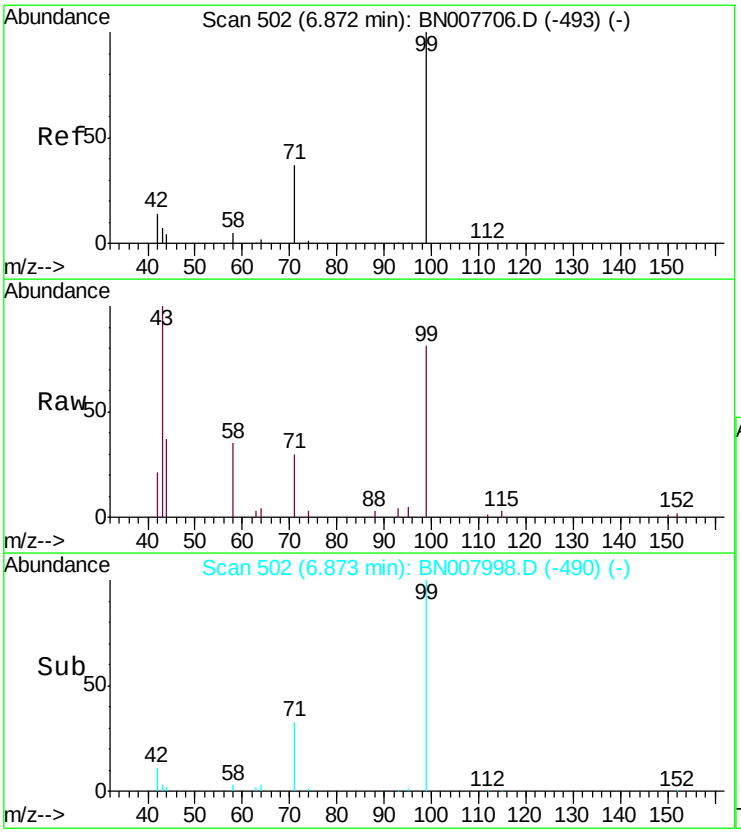
#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:112 Resp: 5408

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.3	23.1	34.7

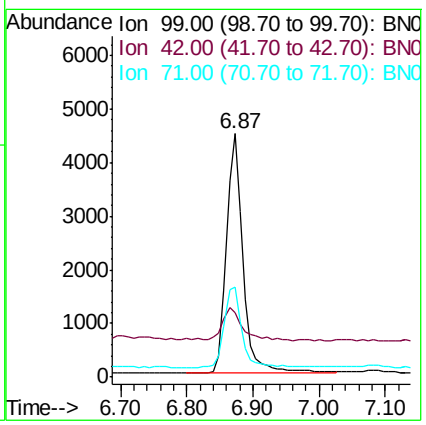


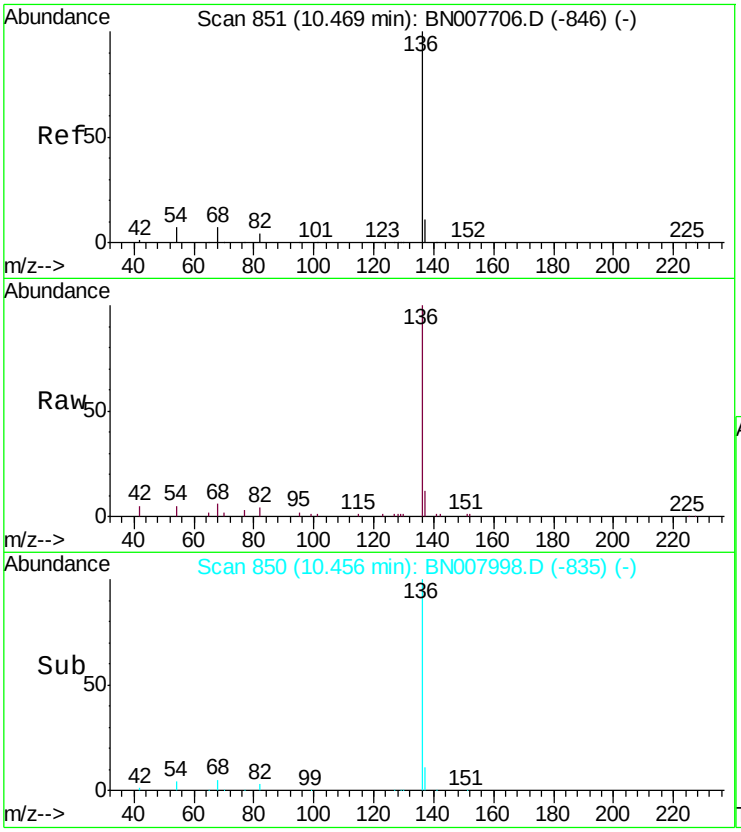


#5
Phenol-d6
Concen: 0.377 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion: 99 Resp: 7759

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	36.9	27.6	41.4



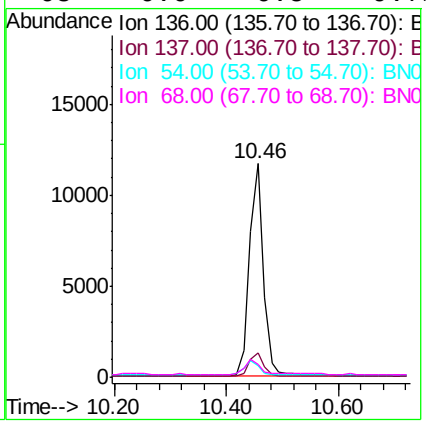


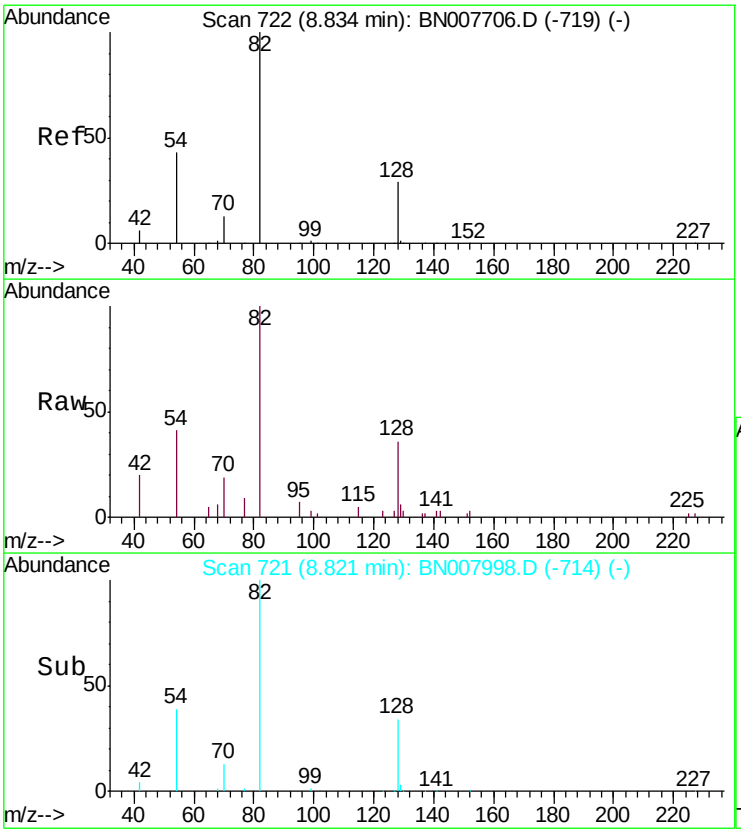
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:136 Resp: 20497

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.3	5.8	8.8#
68	6.0	6.5	9.7#

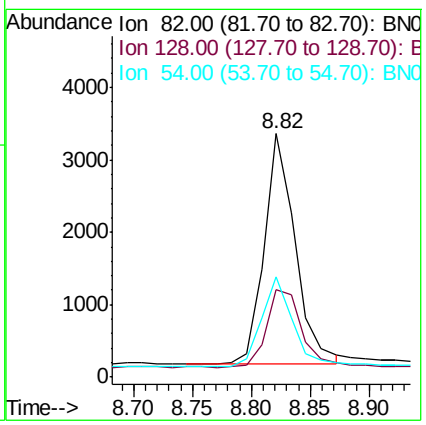


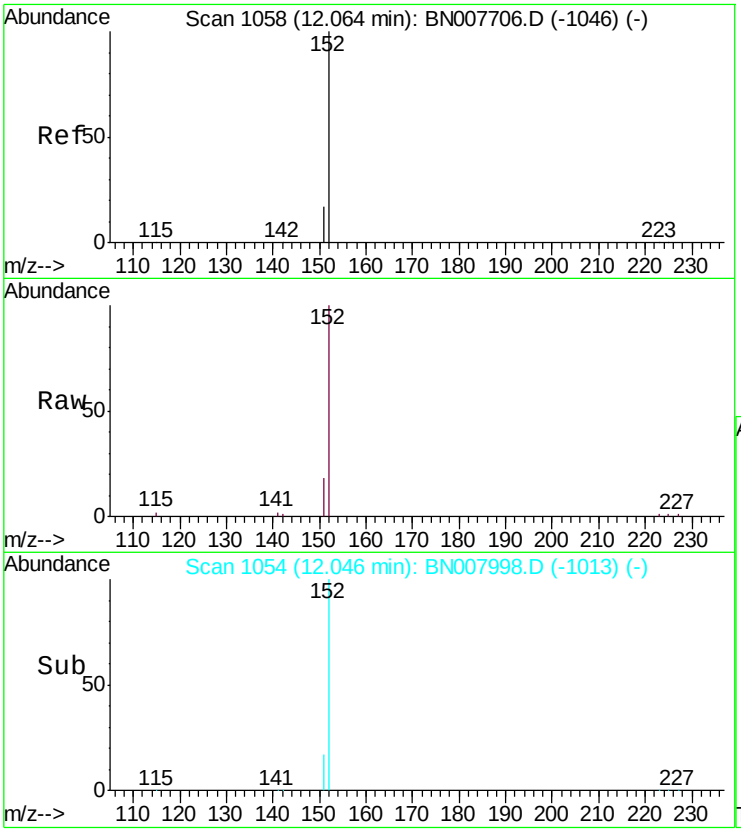


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion: 82 Resp: 5860

Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.5	36.7
54	41.1	35.2	52.8



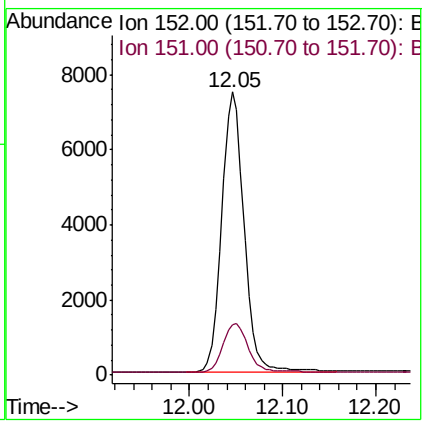


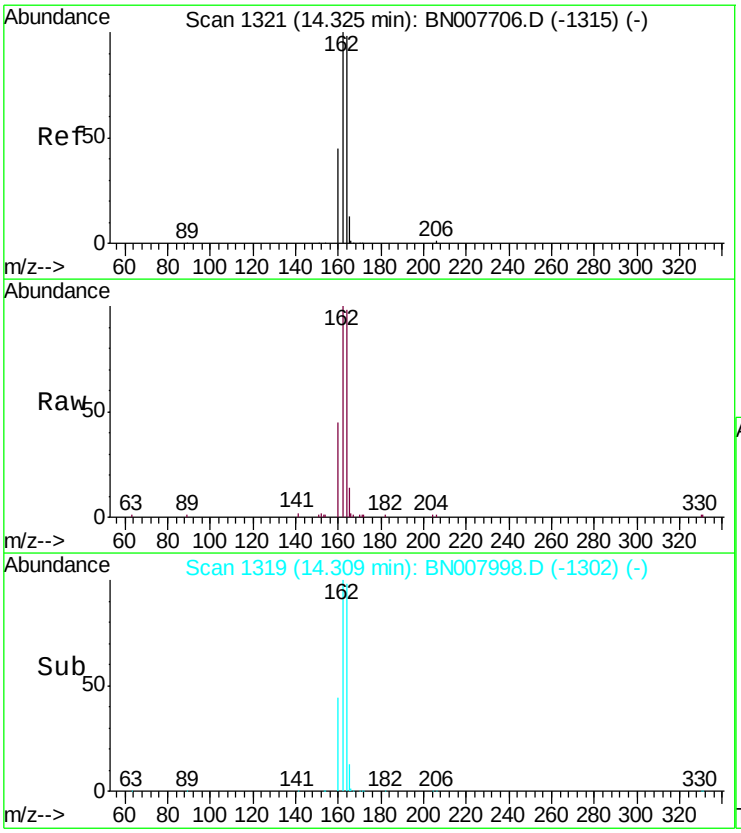
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:152 Resp: 12331

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2

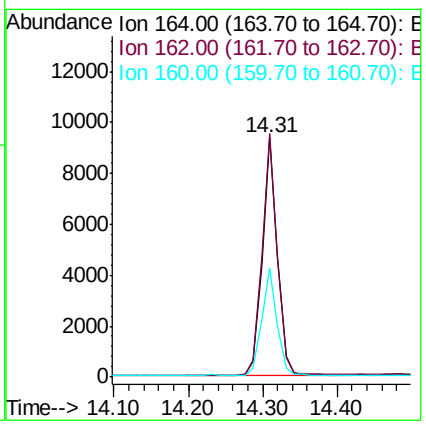


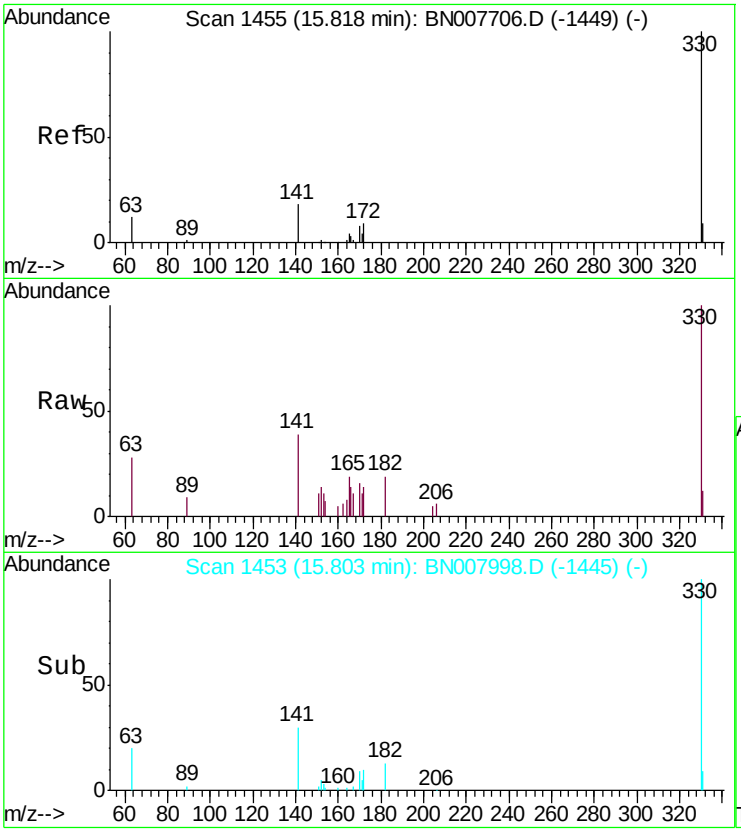


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:164 Resp: 13329

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	45.4	37.0	55.4



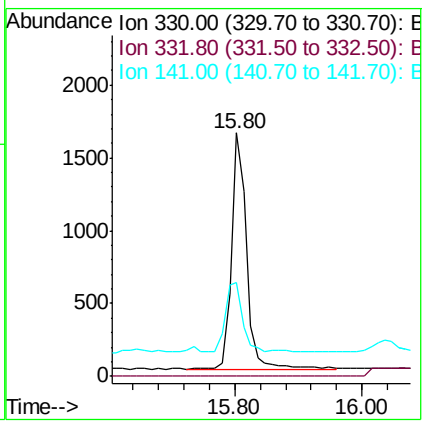


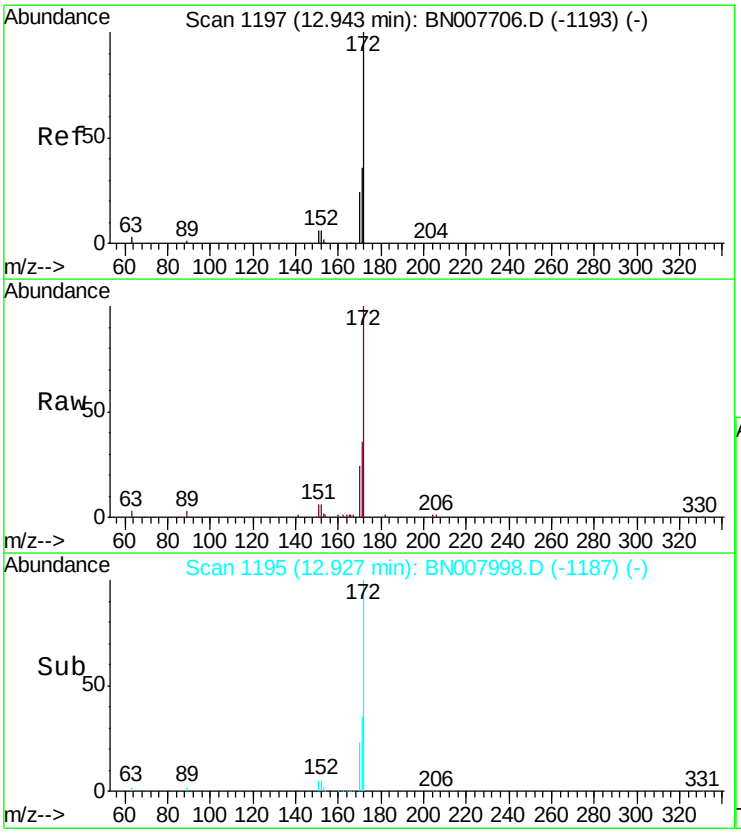
#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:330 Resp: 2641

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	28.7	43.1

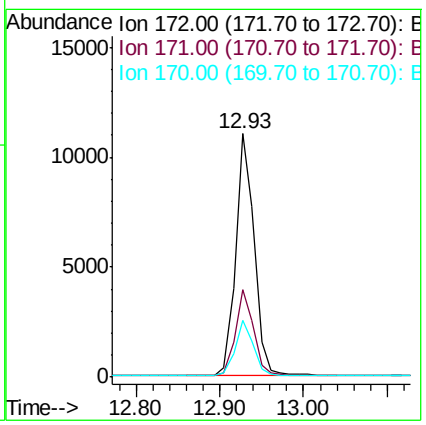


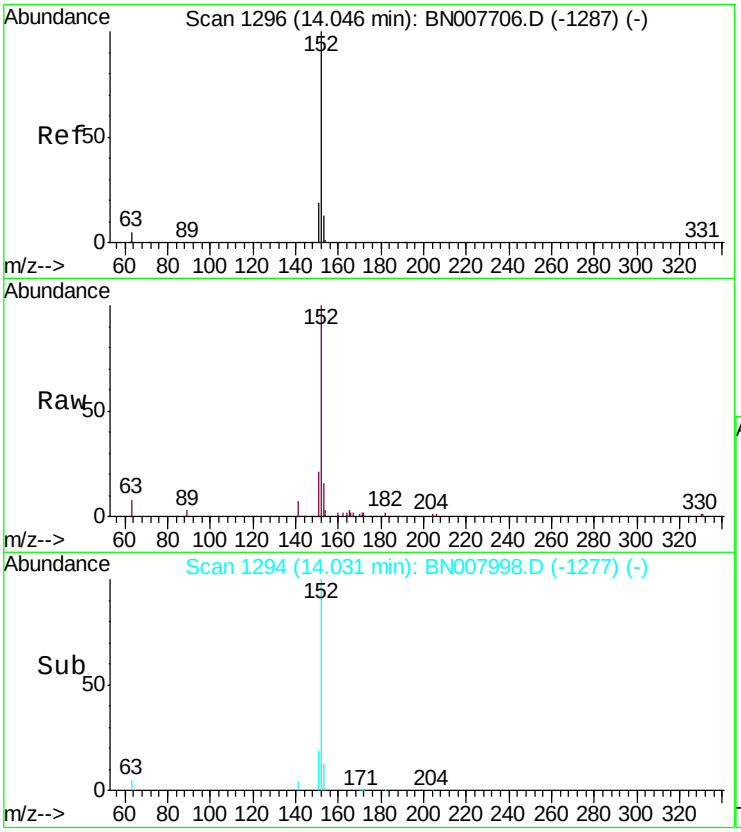


#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:172 Resp: 16962

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.5	19.5	29.3



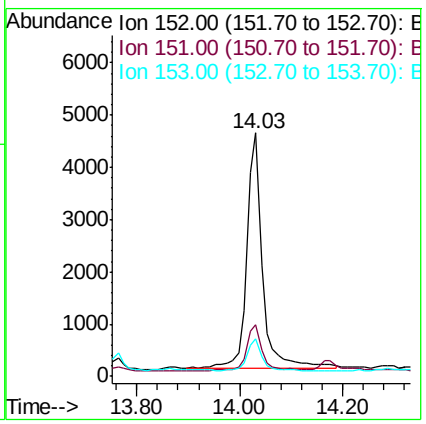


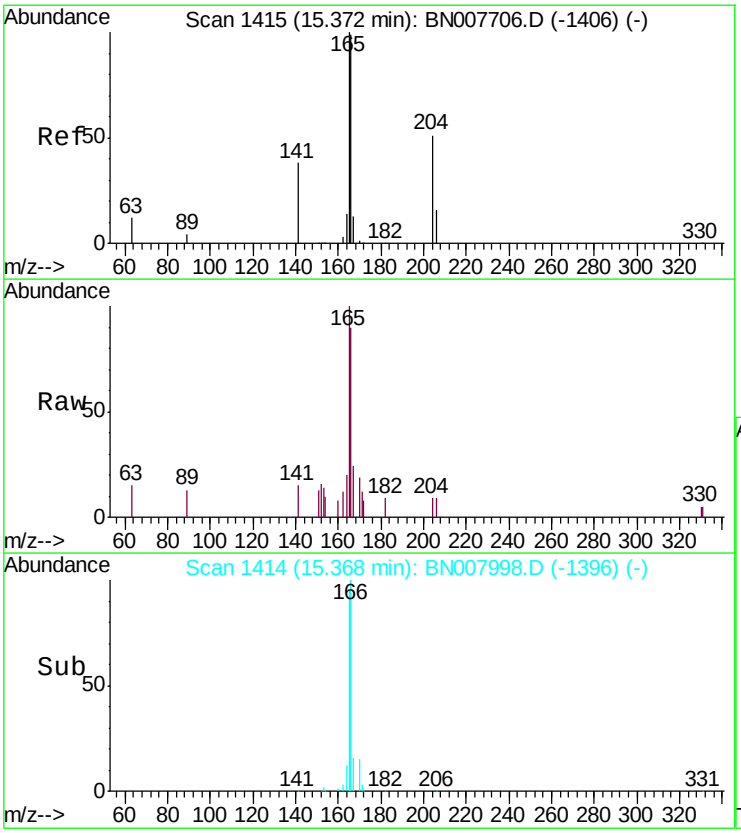
#16
Acenaphthylene
Concen: 0.133 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:152 Resp: 9378

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	12.9	10.4	15.6

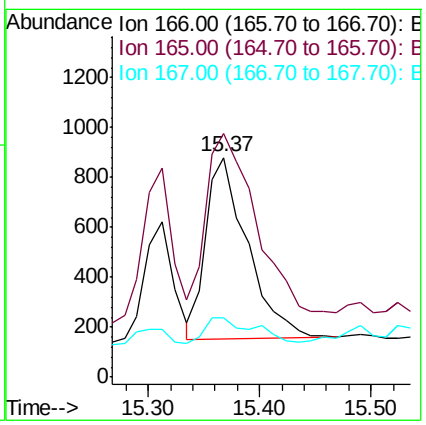


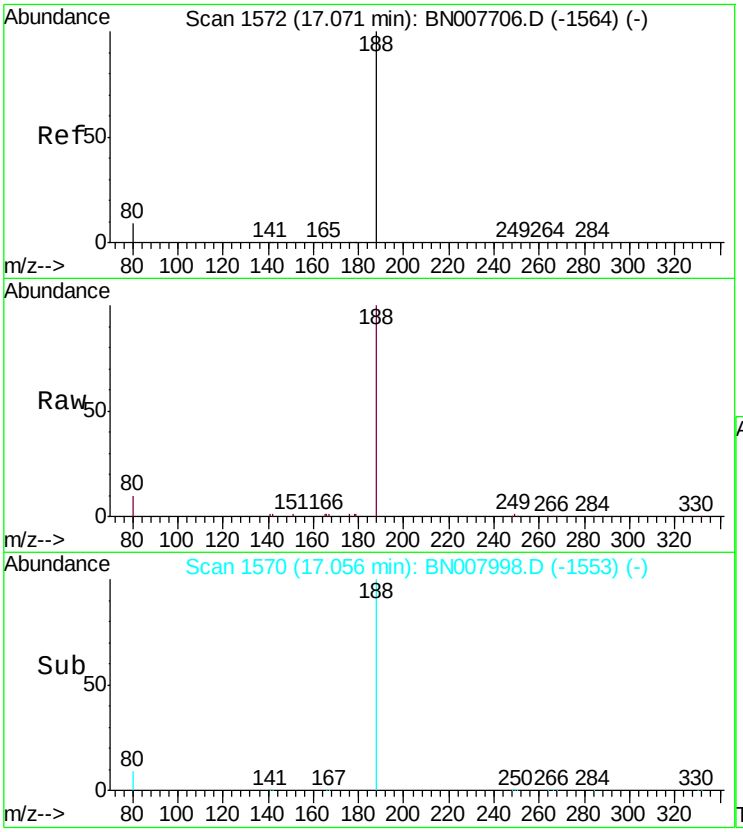


#18
Fluorene
Concen: 0.032 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:166 Resp: 1891

Ion	Ratio	Lower	Upper
166	100		
165	121.0	78.0	117.0#
167	17.6	10.9	16.3#



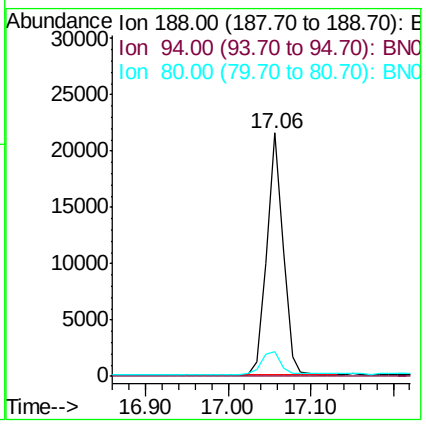


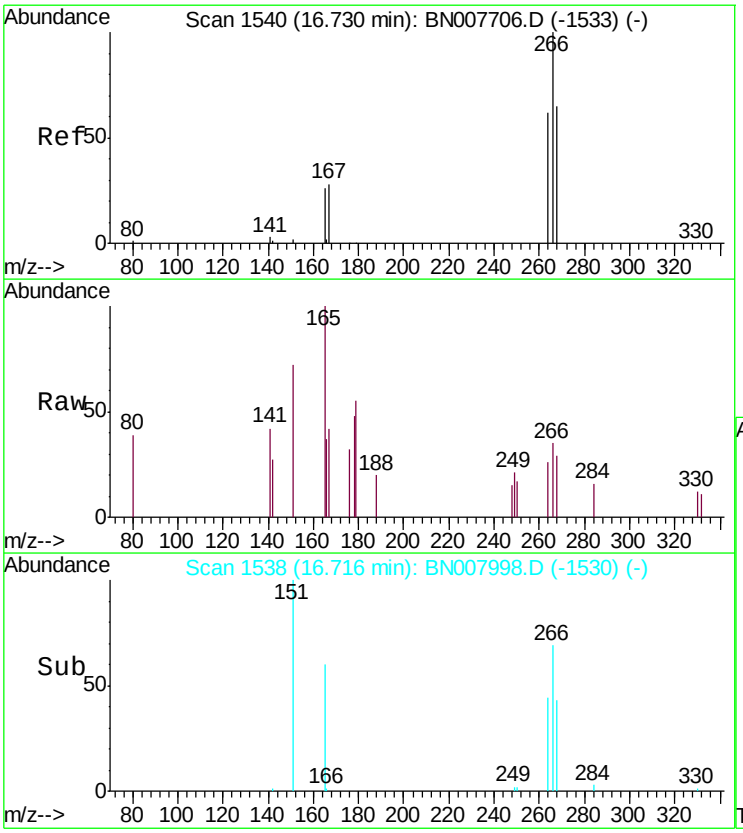
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:188 Resp: 29187

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.2

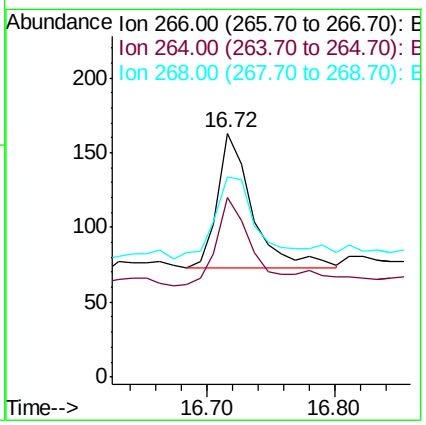


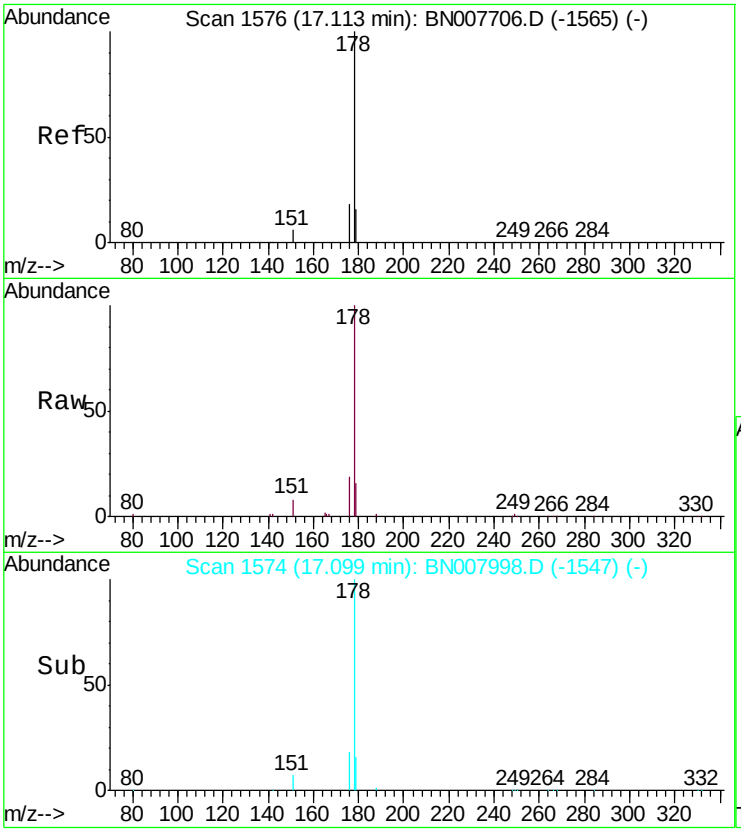


#22
Pentachlorophenol
Concen: 0.024 ng
RT: 16.72 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:266 Resp: 170

Ion	Ratio	Lower	Upper
266	100		
264	73.6	50.0	75.0
268	82.2	54.2	81.4#



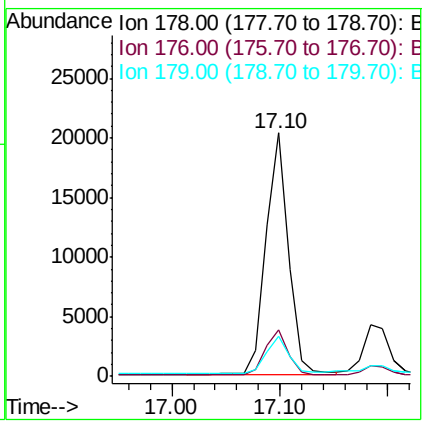


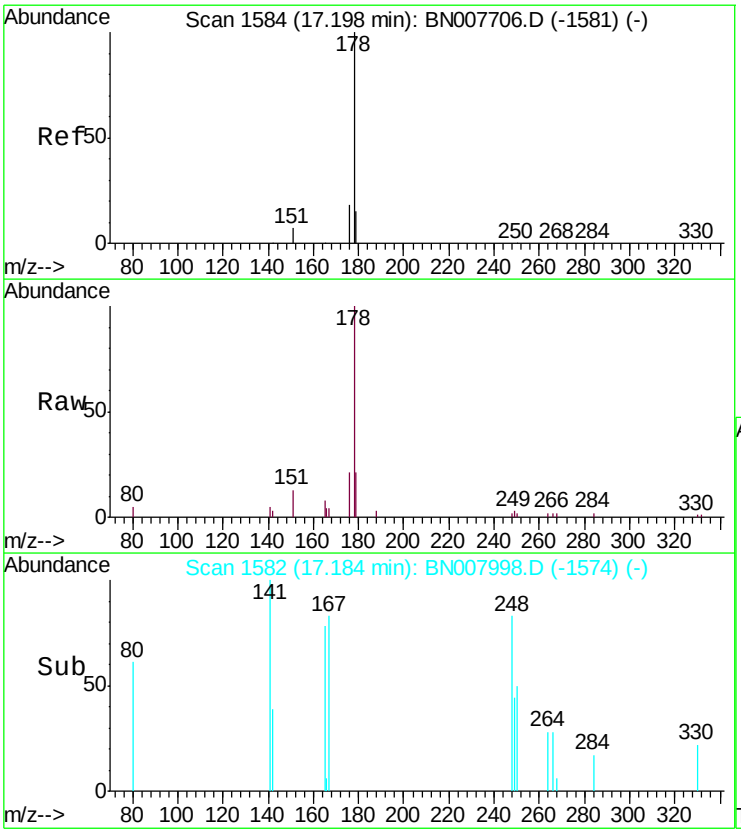
#23
Phenanthrene
Concen: 0.320 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:178 Resp: 29068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.0	12.5	18.7

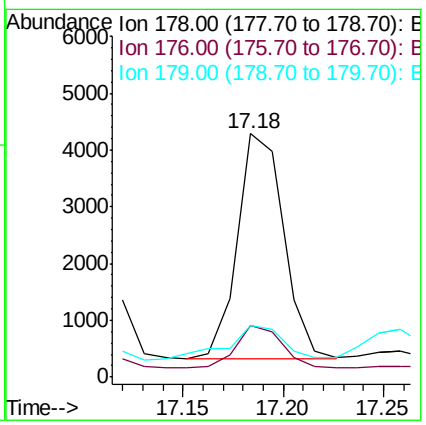


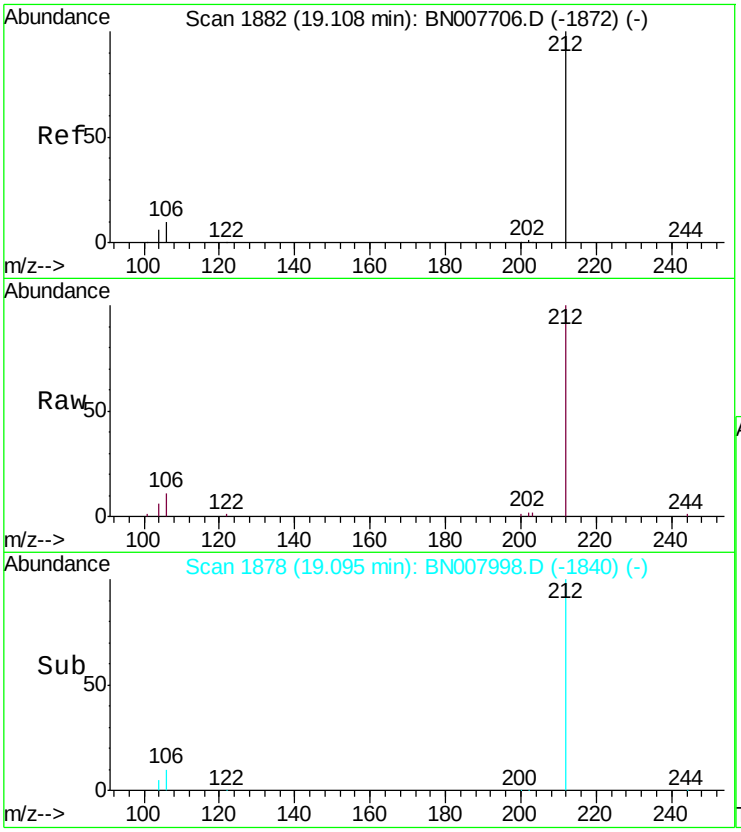


#24
Anthracene
Concen: 0.077 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:178 Resp: 6306

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	19.1	12.2	18.4#



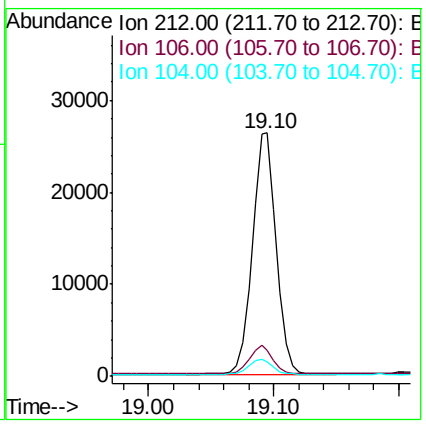


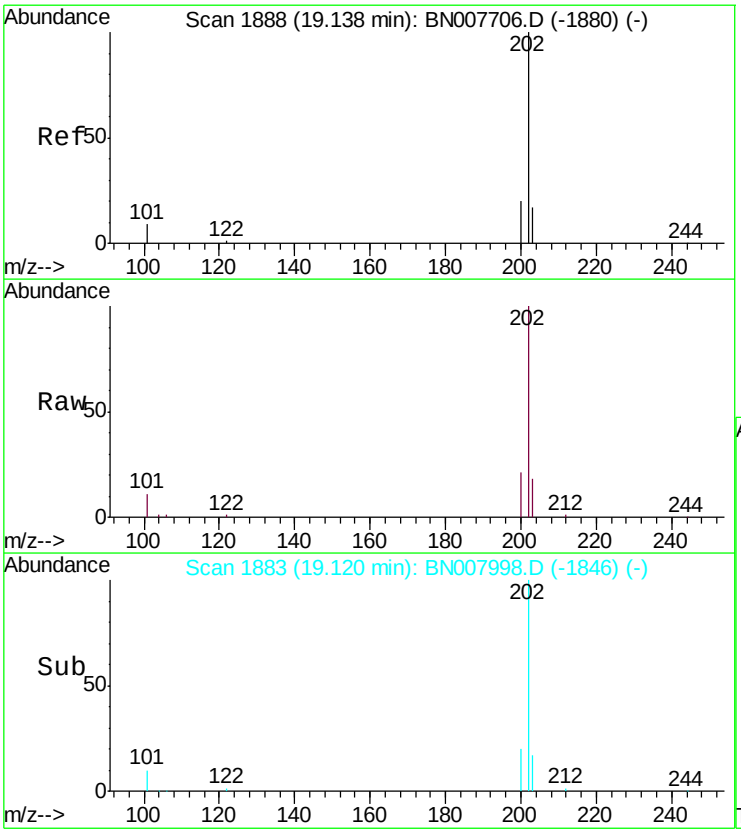
#25
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.10 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:212 Resp: 34705

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.6	5.3	7.9

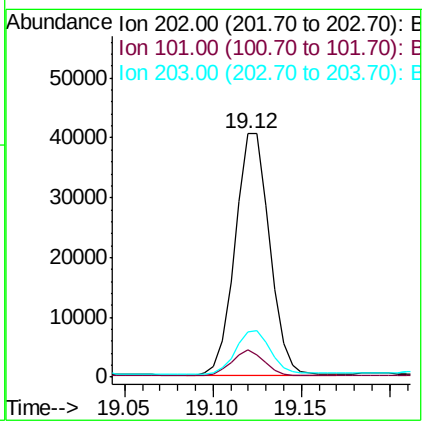


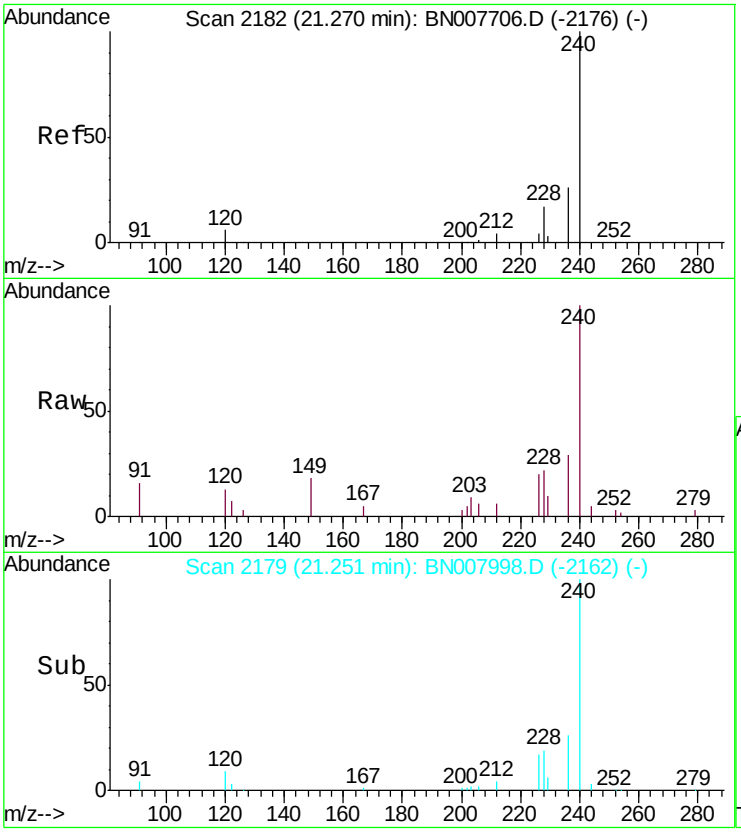


#26
Fluoranthene
Concen: 0.484 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:202 Resp: 54670

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	17.9	13.8	20.8



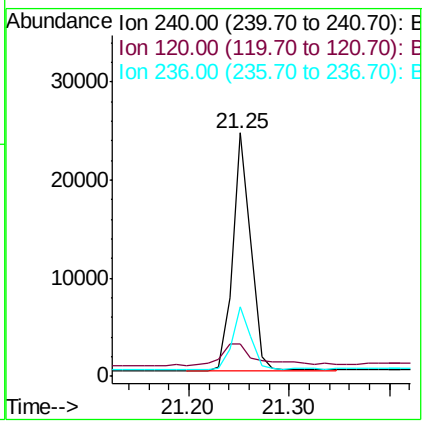


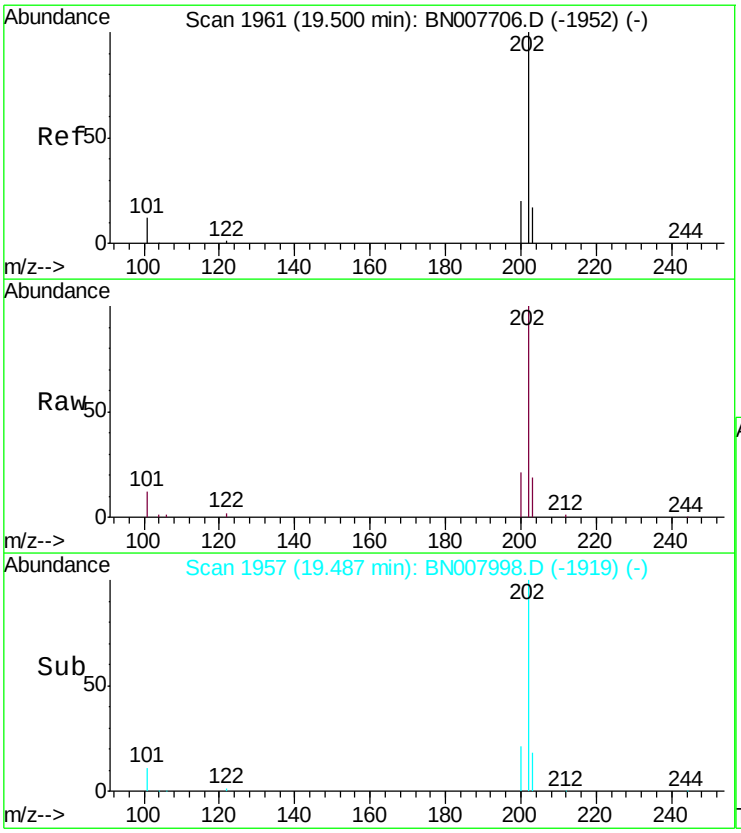
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:240 Resp: 30762

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.4	8.2#
236	28.6	21.0	31.4

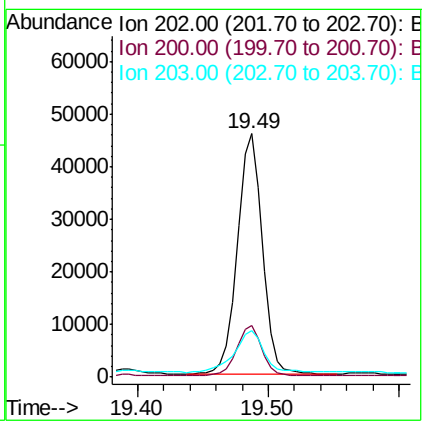


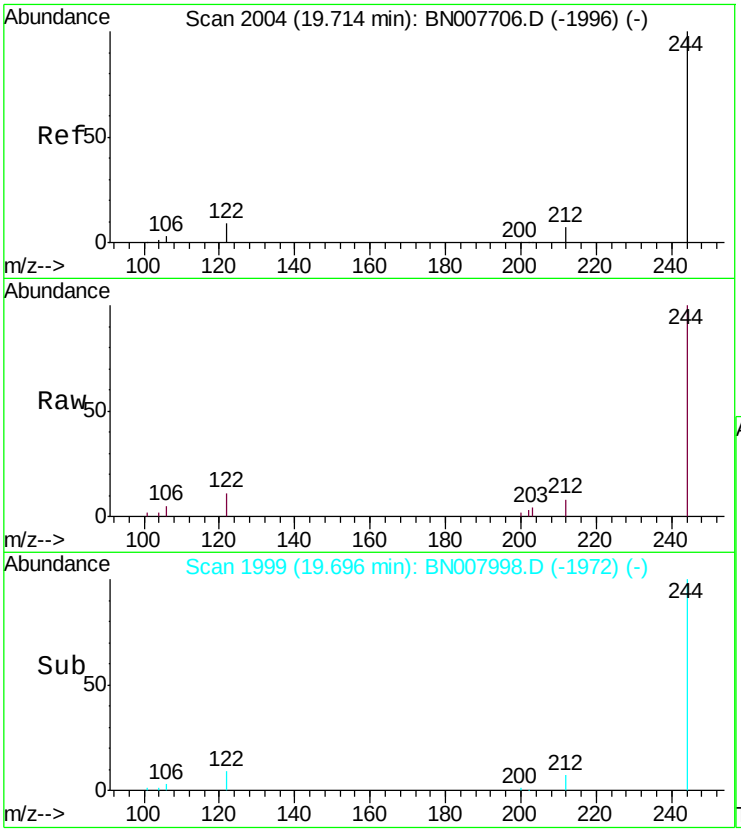


#28
Pyrene
Concen: 0.582 ng
RT: 19.49 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:202 Resp: 61102

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	20.5	14.1	21.1



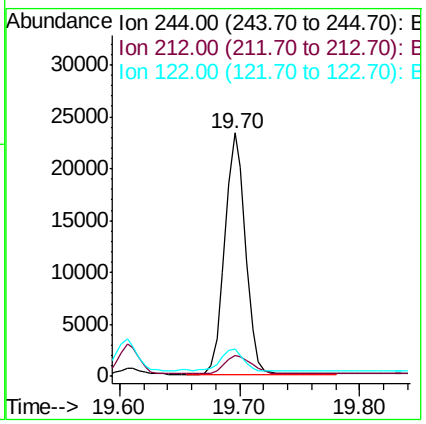


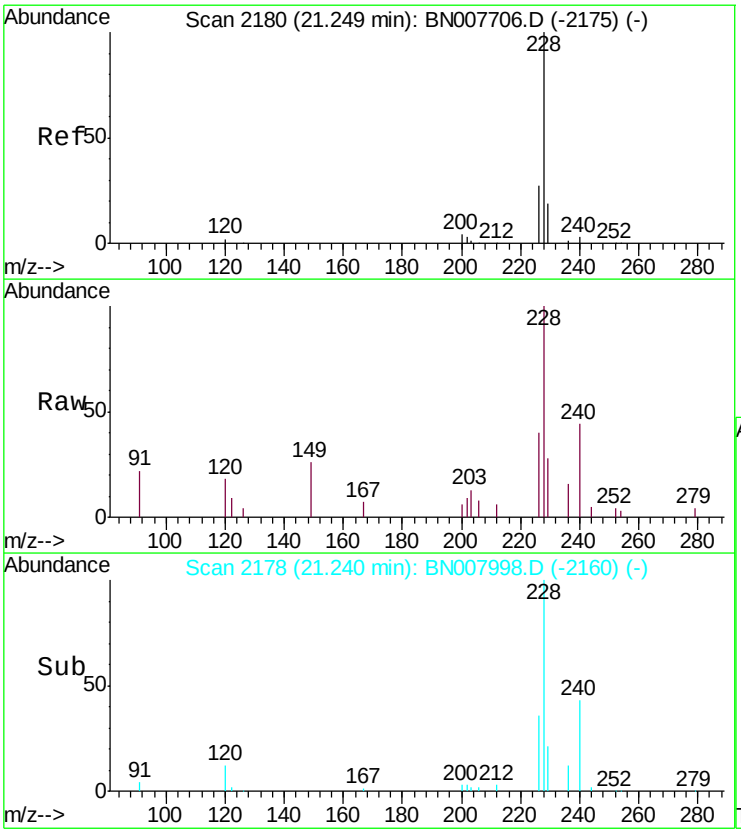
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:244 Resp: 27749

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	11.3	7.4	11.2#

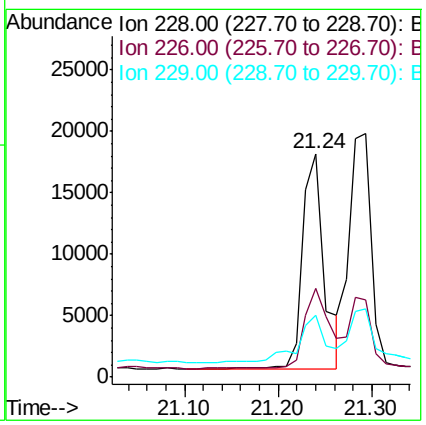


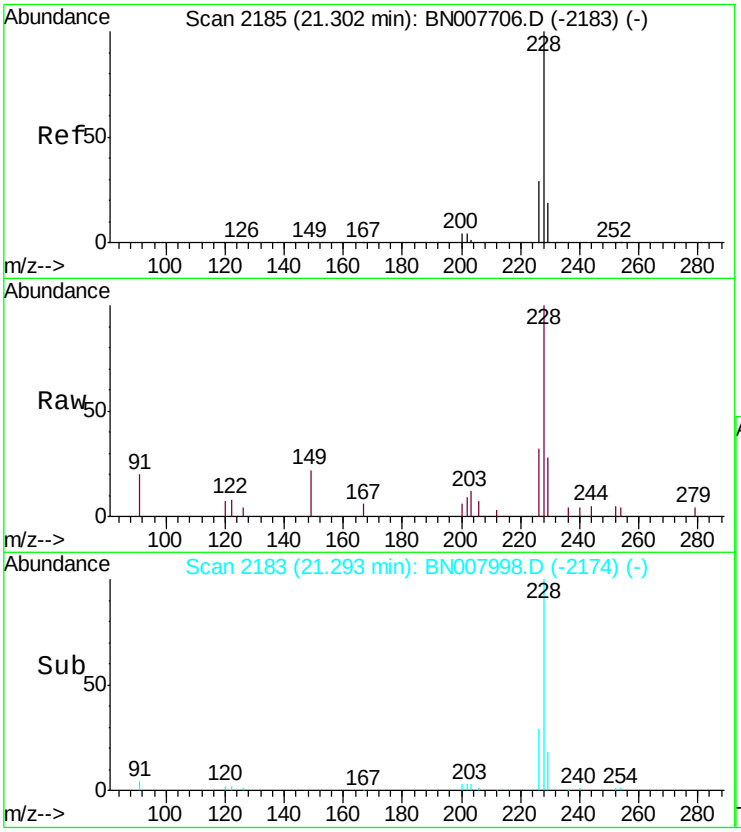


#30
Benzo(a)anthracene
Concen: 0.252 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:228 Resp: 28597

Ion	Ratio	Lower	Upper
228	100		
226	39.5	22.1	33.1#
229	27.7	15.8	23.6#



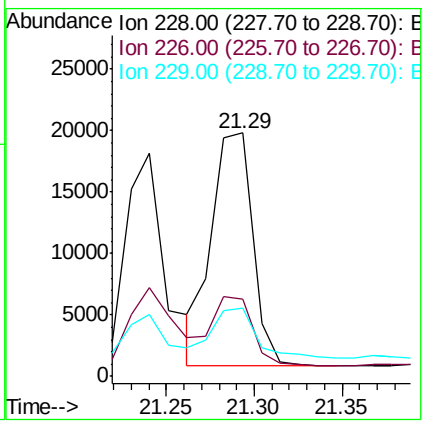


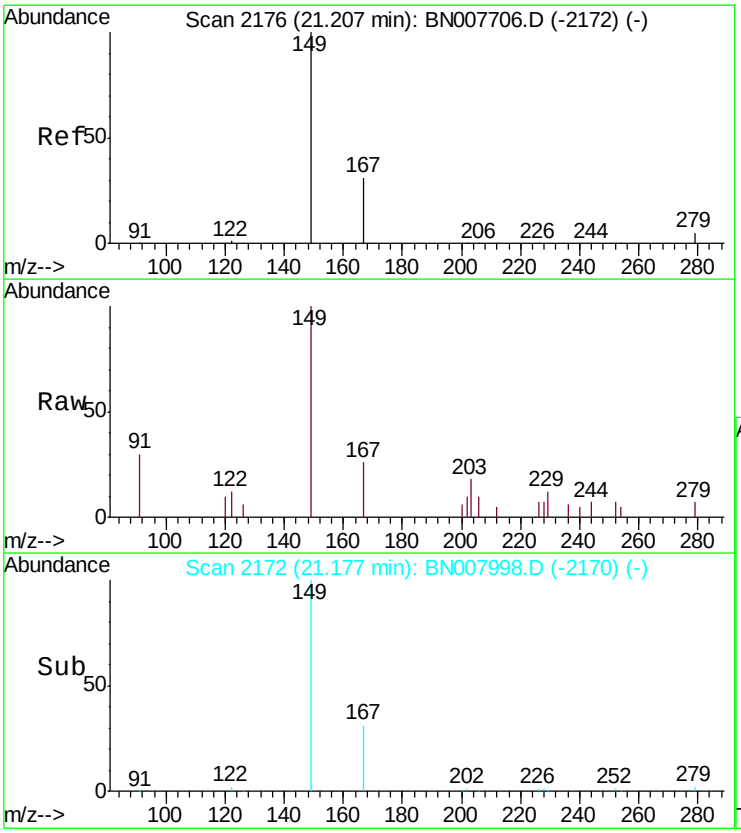
#31
Chrysene
Concen: 0.281 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:228 Resp: 30980

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	27.9	15.8	23.6#

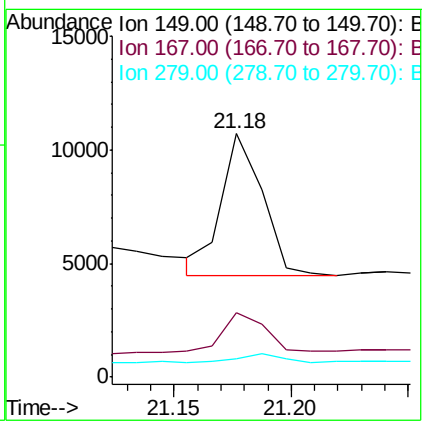


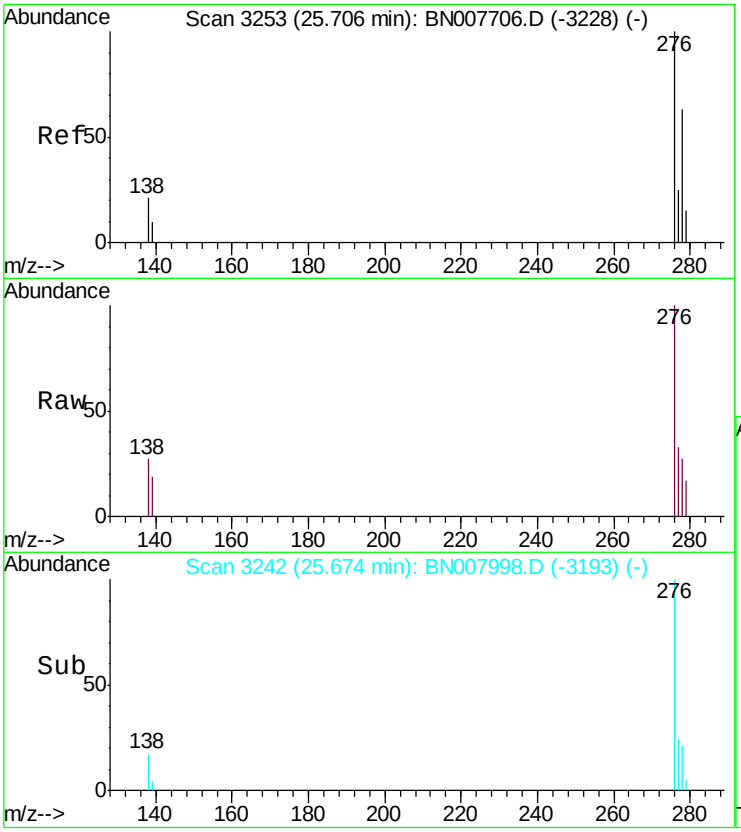


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:149 Resp: 7624

Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.7	35.5
279	5.1	4.2	6.2



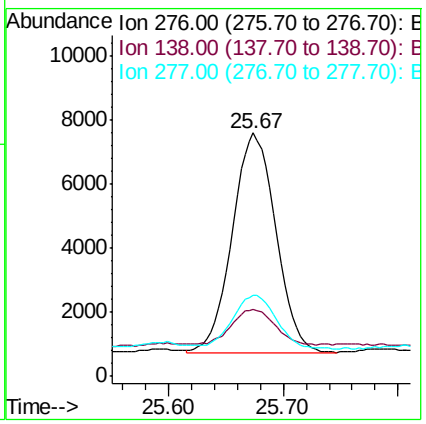


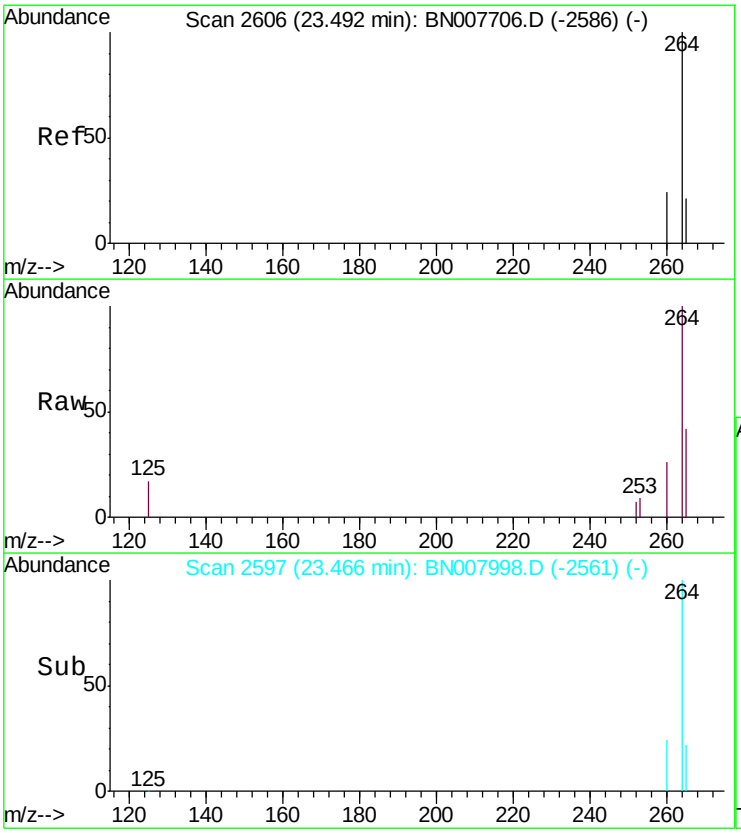
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.03 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:276 Resp: 18016

Ion	Ratio	Lower	Upper
276	100		
138	15.7	17.1	25.7#
277	25.1	20.0	30.0

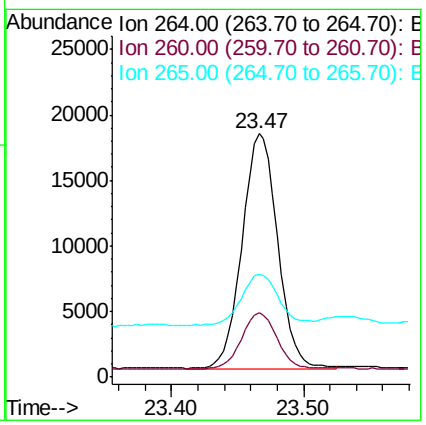


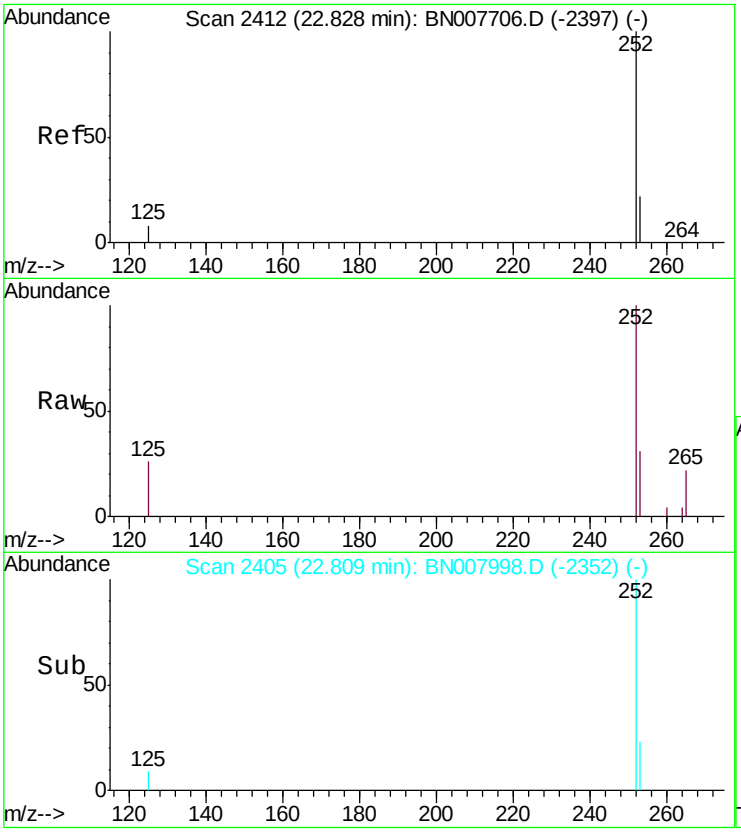


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:264 Resp: 33629

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.3	28.9
265	42.3	26.9	40.3#



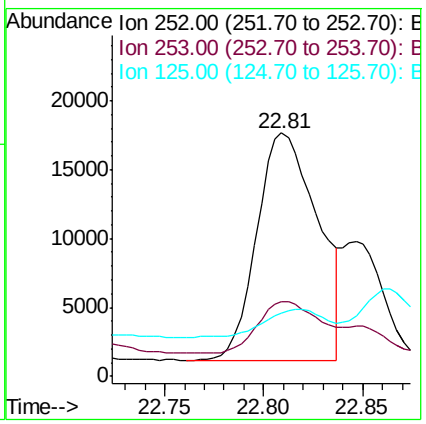


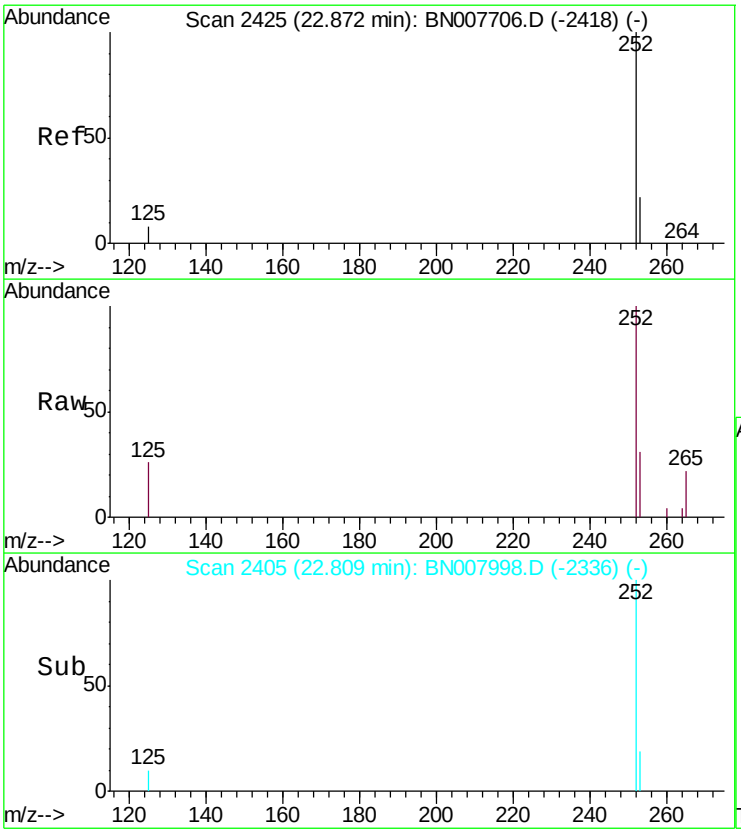
#35
Benzo(b)fluoranthene
Concen: 0.302 ng
RT: 22.81 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:252 Resp: 35307

Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.3	27.5#
125	26.1	8.2	12.4#

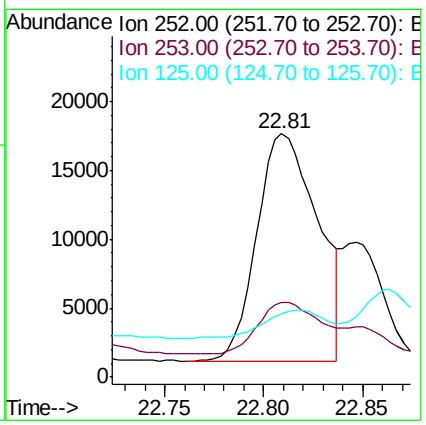


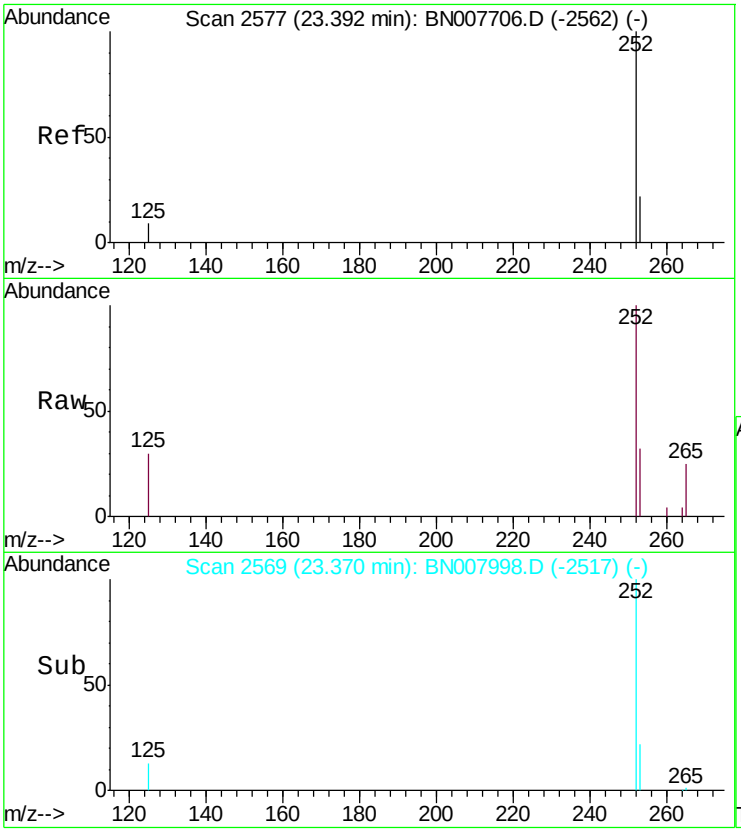


#36
Benzo(k)fluoranthene
Concen: 0.306 ng
RT: 22.81 min Scan# 2405
Delta R.T. -0.06 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:252 Resp: 35307

Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.5	27.7#
125	26.1	8.4	12.6#



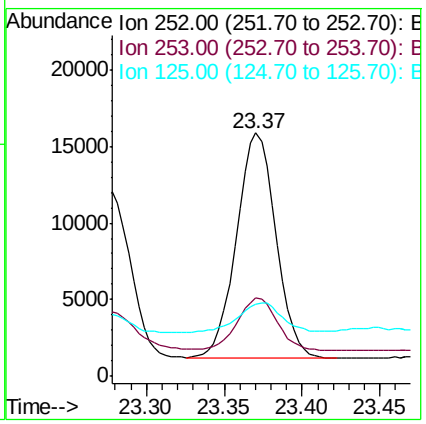


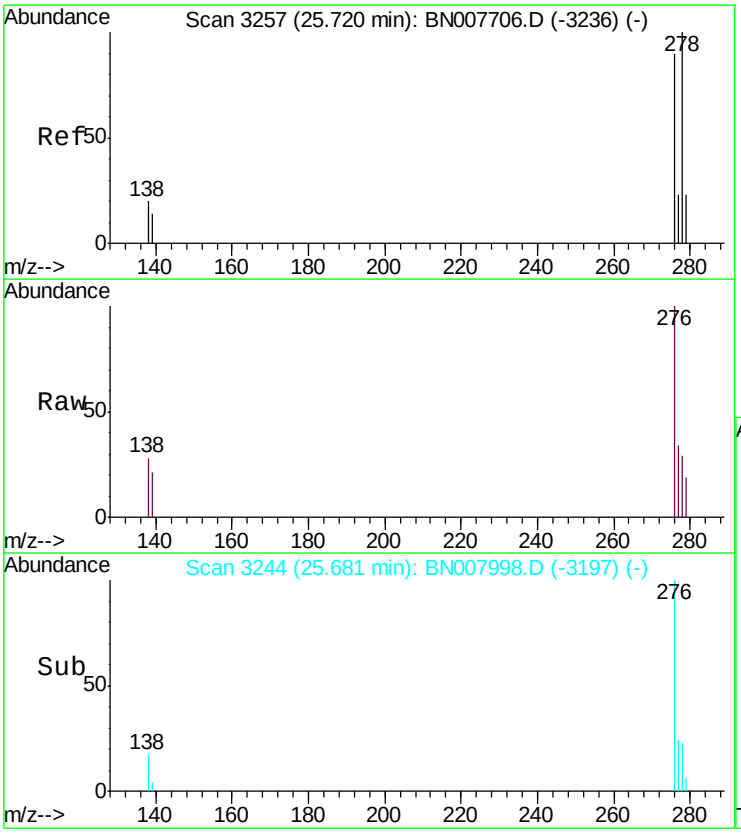
#37
Benzo(a)pyrene
Concen: 0.236 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:252 Resp: 25845

Ion	Ratio	Lower	Upper
252	100		
253	32.2	18.6	27.8#
125	29.9	9.4	14.0#

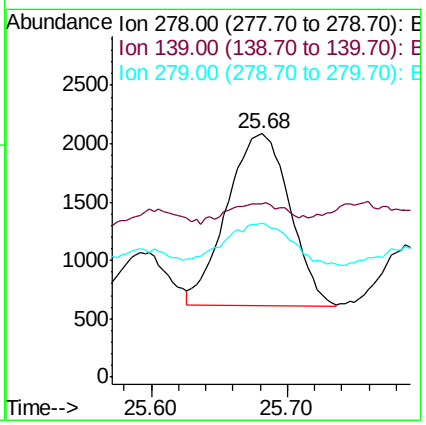


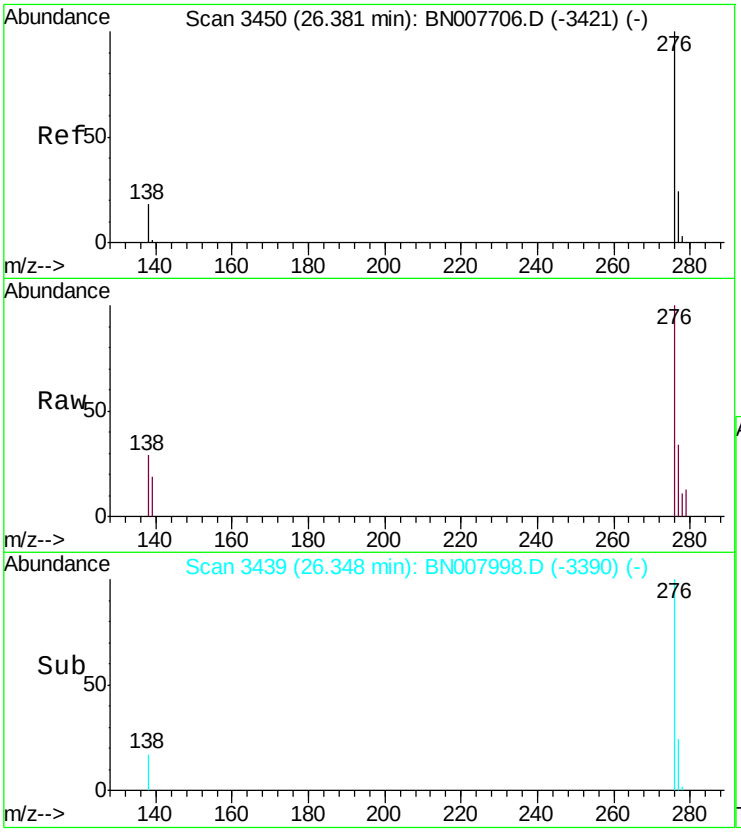


#38
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.04 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Tgt Ion:278 Resp: 4739

Ion	Ratio	Lower	Upper
278	100		
139	71.0	11.8	17.6#
279	63.0	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.166 ng
RT: 26.35 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BN007998.D
Acq: 04 Oct 2019 01:47

Instrument :
BNA_N
ClientSampleId :
PST-024-B264-092619

Tgt Ion:276 Resp: 18438

Ion	Ratio	Lower	Upper
276	100		
277	34.2	19.8	29.8#
138	29.2	15.1	22.7#