Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007987.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K5077-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B275-092519

Quant Time: Oct 04 05:40:00 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	4792	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	19973	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12978	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	28823	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	31678	0.40	ng		-0.02
34) Perylene-d12	23.46	264	33812	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	3505	0.21	ng		-0.02
5) Phenol-d6	6.86	99	4864	0.23	ng		0.00
8) Nitrobenzene-d5	8.82	82	3928	0.22	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	8192	0.24	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	1567	0.22	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	11368	0.21	ng		-0.02
25) Fluoranthene-d10	19.09	212	22332	0.23	ng		-0.02
29) Terphenyl-d14	19.70	244	17138	0.22	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	6101	2.494	ng	#	81
16) Acenaphthylene	14.02	152	2355	0.034	ng		98
17) Acenaphthene	14.36	154	940	0.021	ng		96
18) Fluorene	15.36	166	1433	0.025	ng	#	92
23) Phenanthrene	17.10	178	35430	0.395	ng		100
24) Anthracene	17.18	178	4542	0.056	ng		97
26) Fluoranthene	19.12	202	77416	0.693	ng		99
28) Pyrene	19.48	202	61691	0.571	ng	#	96
30) Benzo(a)anthracene	21.23	228	31814	0.273	ng		97
31) Chrysene	21.28	228	35122	0.309	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	9118	0.152	ng		94
33) Indeno(1,2,3-cd)pyrene	25.66	276	21937	0.154	ng	#	94
35) Benzo(b)fluoranthene	22.81	252	46740	0.398	ng	#	91
36) Benzo(k)fluoranthene	22.81	252	46740	0.403	ng	#	91
37) Benzo(a)pyrene	23.37	252	28775	0.261	ng	#	87
38) Dibenzo(a,h)anthracene	25.67	278	5586	0.049	ng	#	54
39) Benzo(g,h,i)perylene	26.34	276	21135	0.189	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
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ALS Vial : 4 Sample Multiplier: 1

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BNA_N
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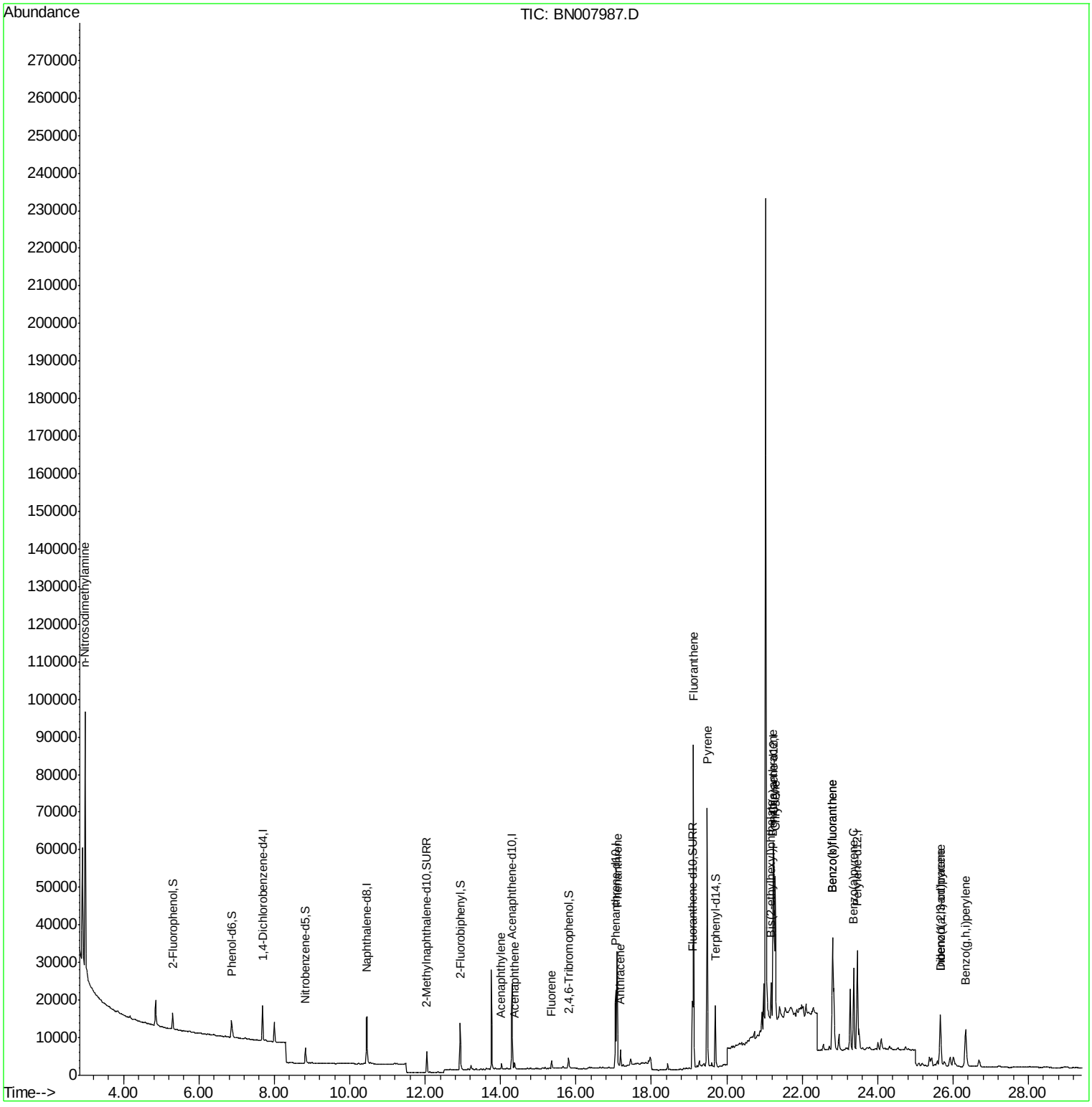
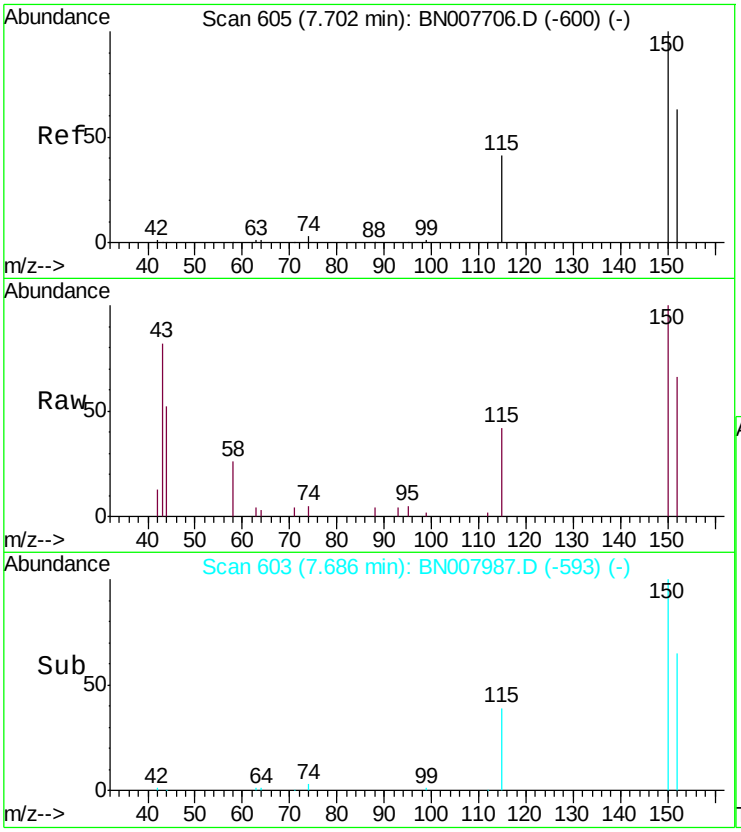
PST-024-B275-092519

Quant Time: Oct 04 05:40:00 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



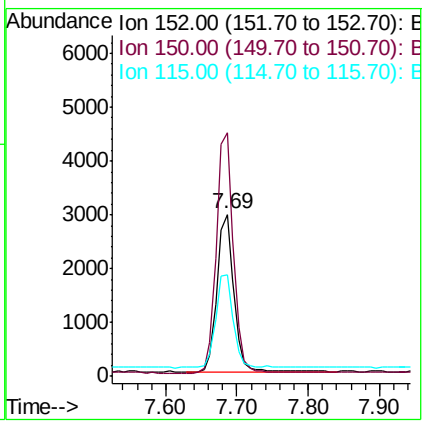


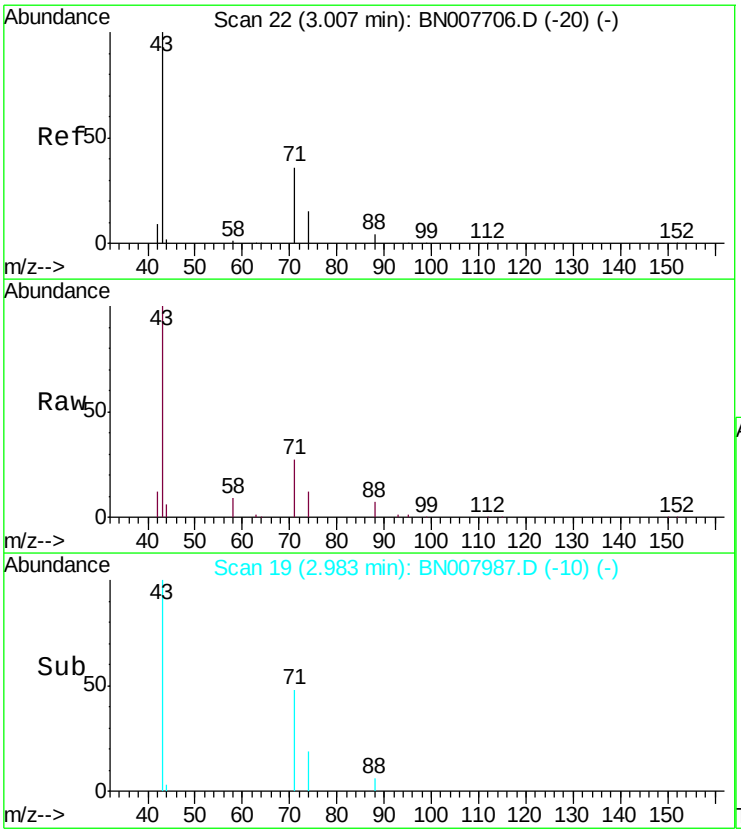
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:152 Resp: 4792

Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.6	188.4
115	63.0	53.3	79.9

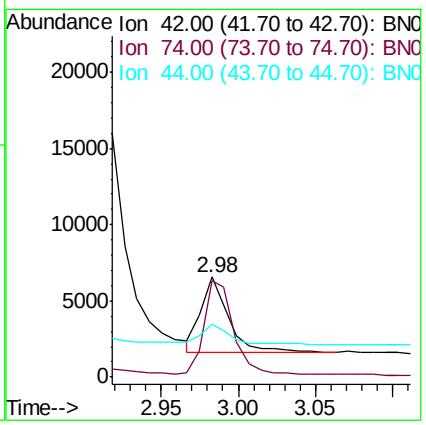


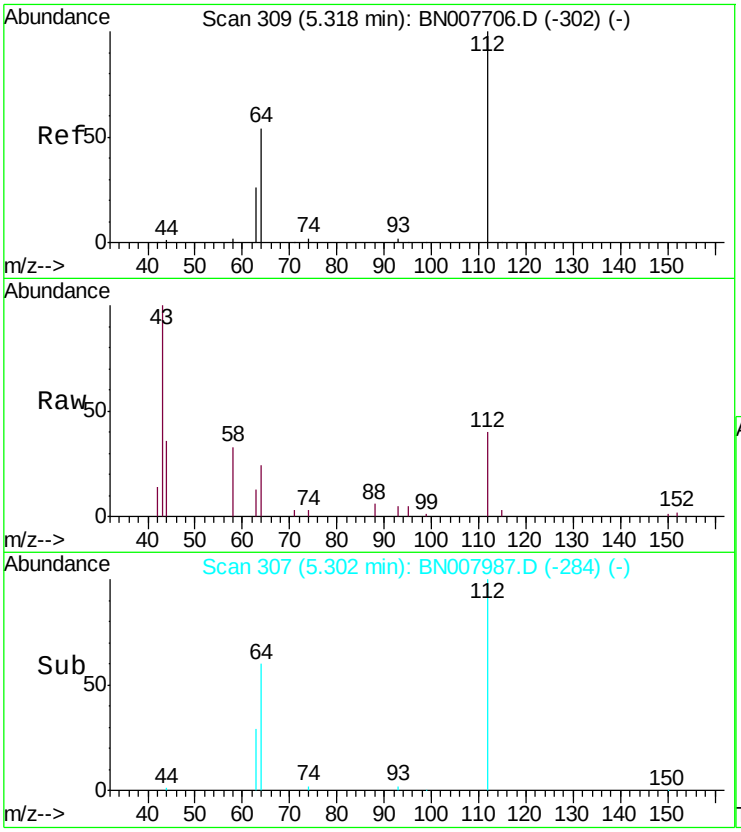


#3
n-Nitrosodimethylamine
Concen: 2.494 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion: 42 Resp: 6101

Ion	Ratio	Lower	Upper
42	100		
74	134.8	87.9	131.9#
44	34.4	29.4	44.0



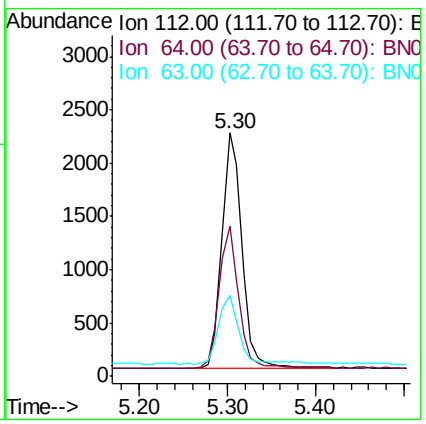


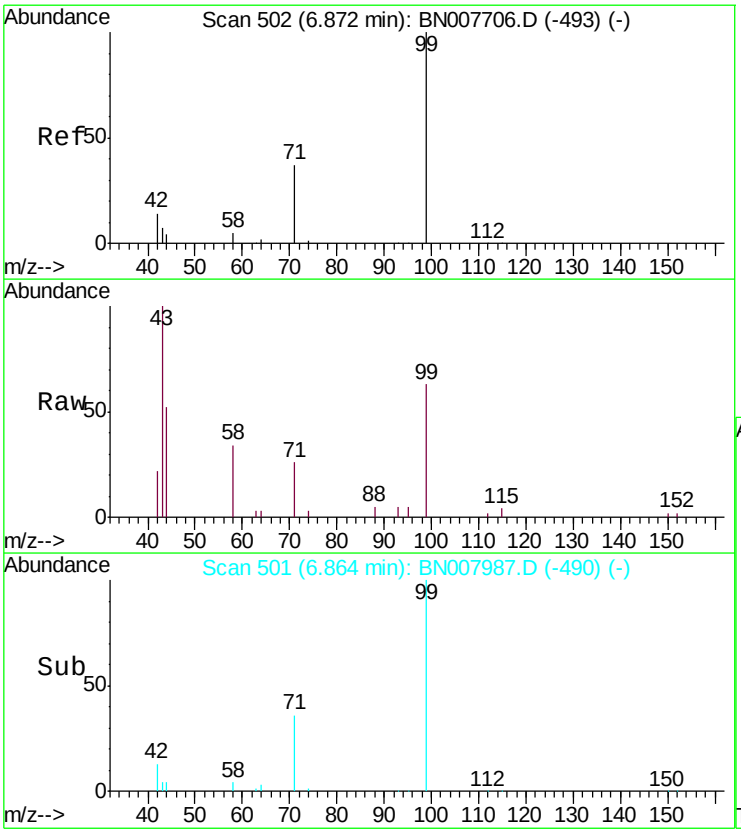
#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:112 Resp: 3505

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.6	70.0
63	29.1	23.1	34.7

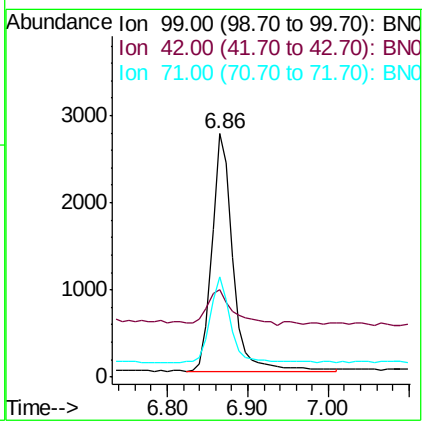


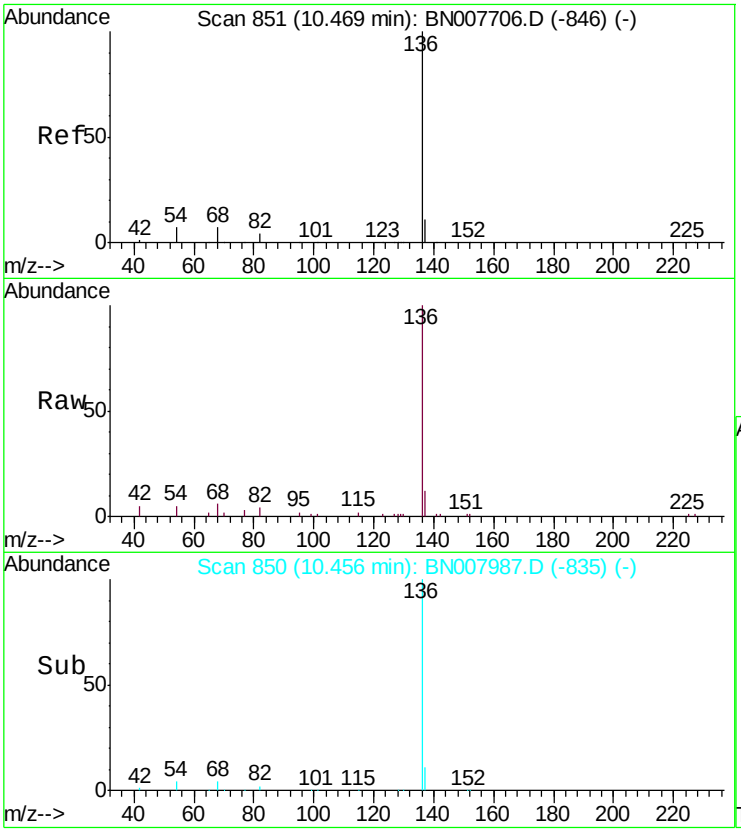


#5
Phenol-d6
Concen: 0.234 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion: 99 Resp: 4864

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.8	19.2
71	34.8	27.6	41.4



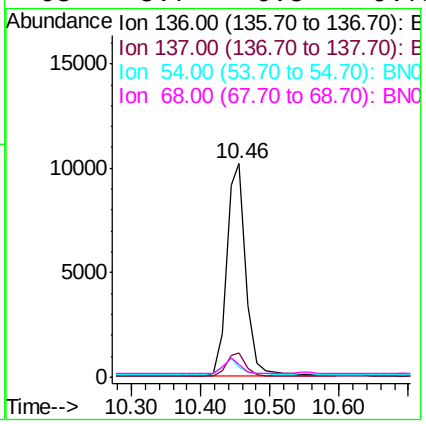


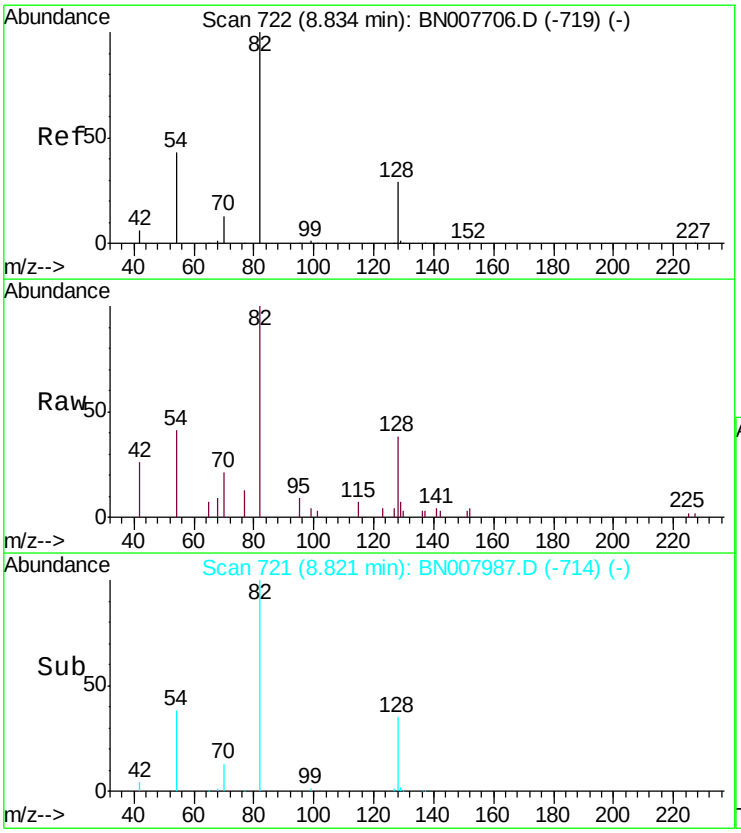
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:136 Resp: 19973

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.0	5.8	8.8#
68	5.7	6.5	9.7#

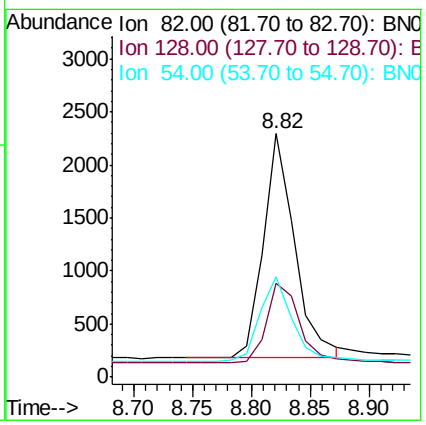


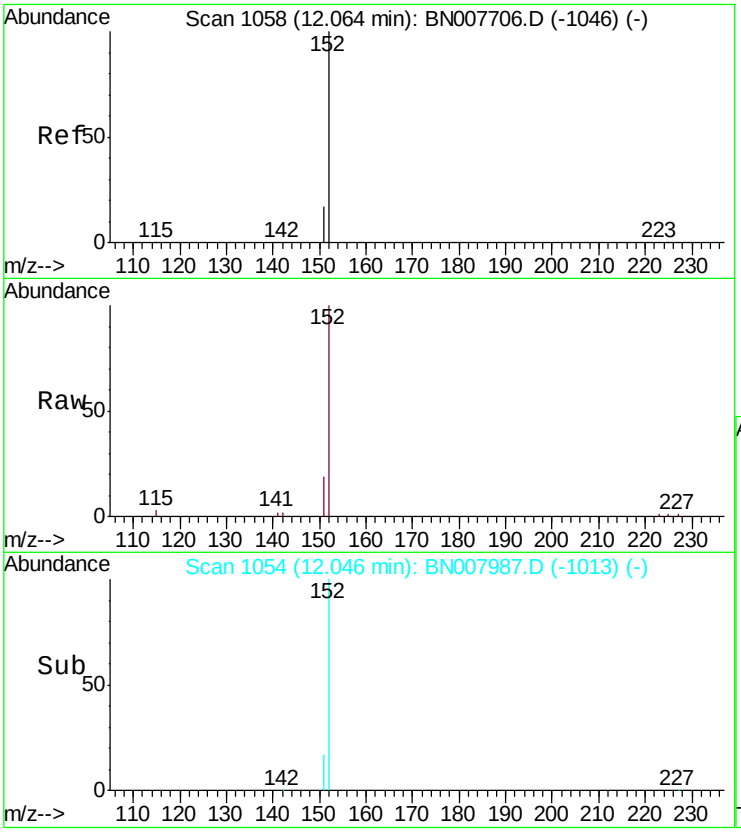


#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion: 82 Resp: 3928

Ion	Ratio	Lower	Upper
82	100		
128	38.3	24.5	36.7#
54	41.1	35.2	52.8



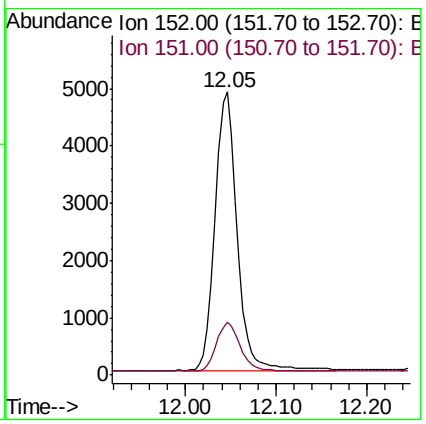


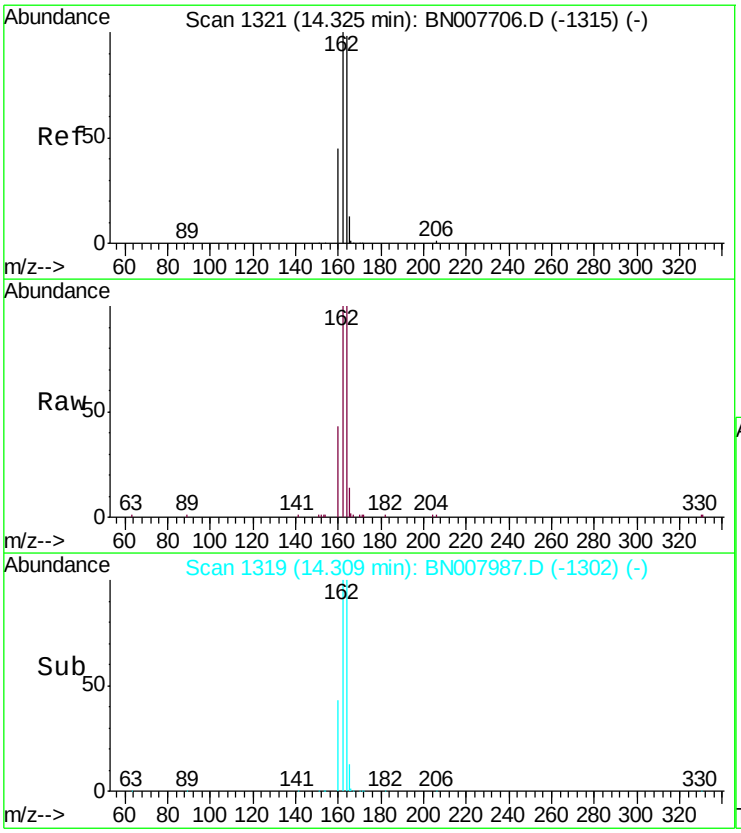
#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:152 Resp: 8192

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.2

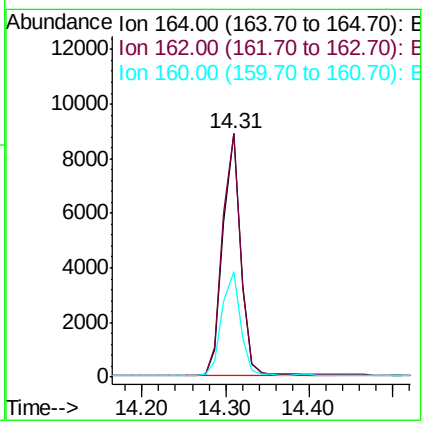


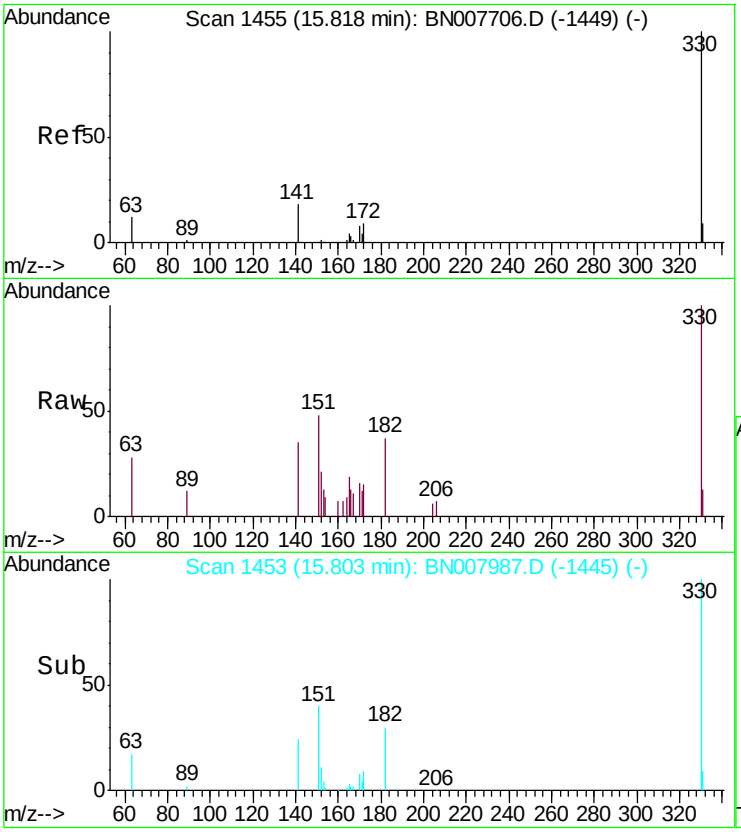


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:164 Resp: 12978

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.7	122.5
160	43.4	37.0	55.4



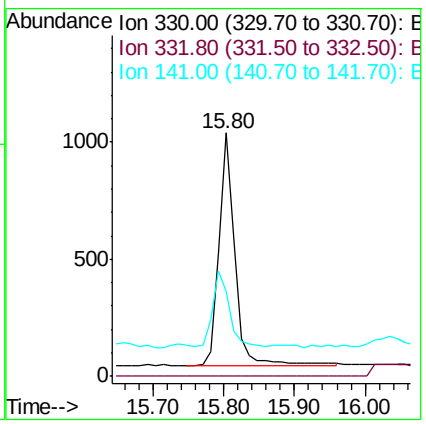


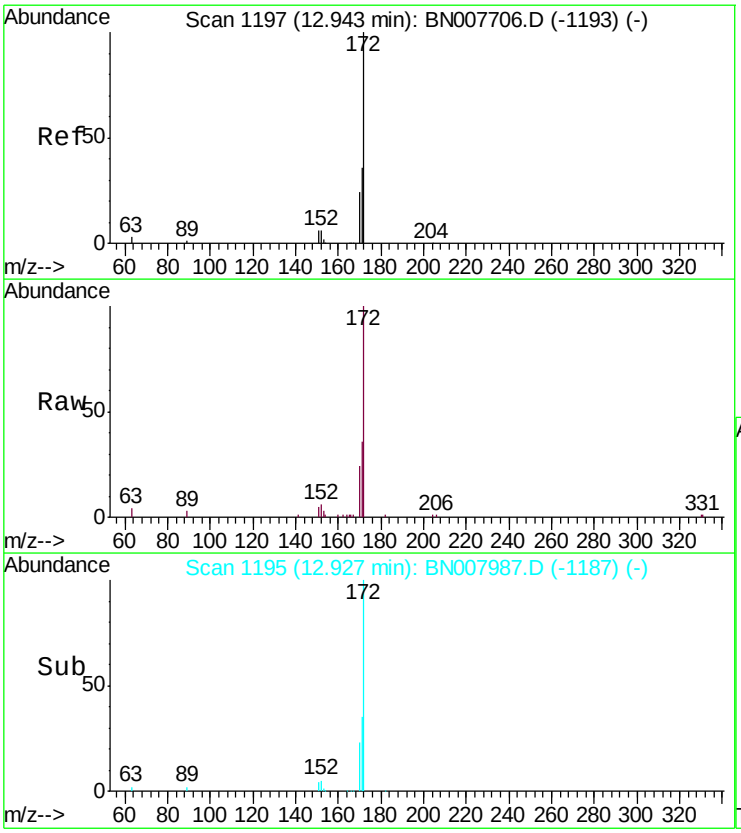
#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:330 Resp: 1567

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	28.7	43.1

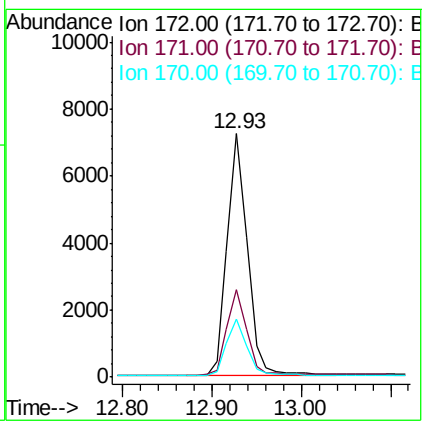


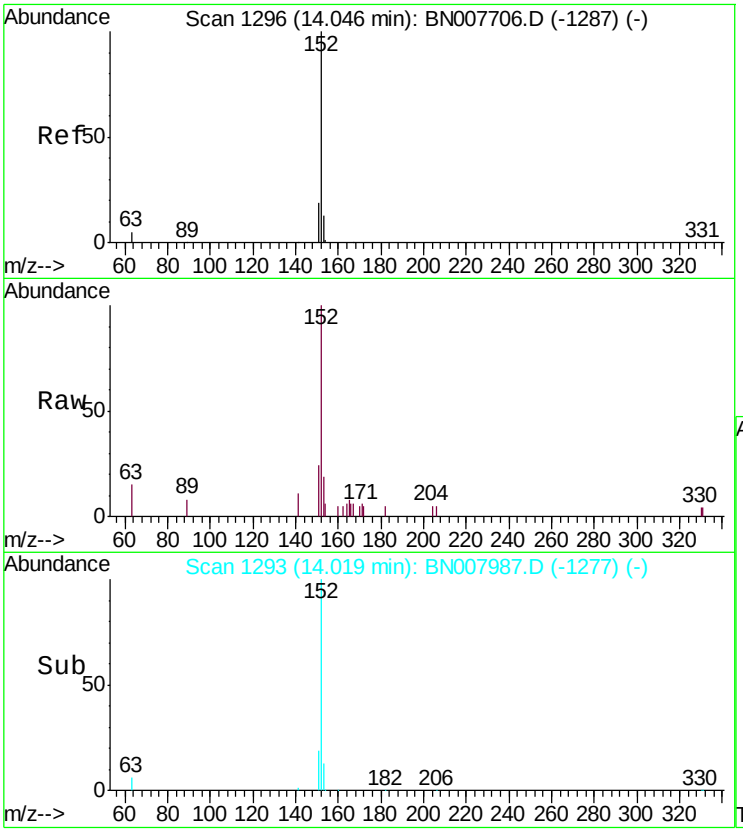


#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:172 Resp: 11368

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	19.5	29.3



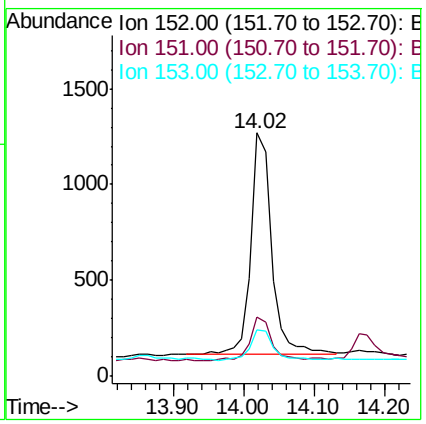


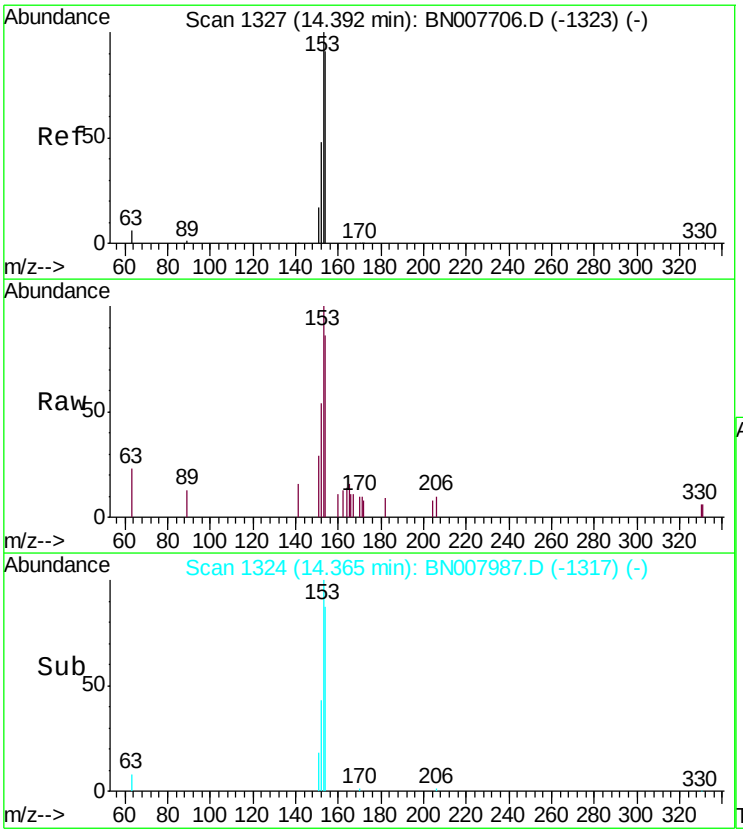
#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:152 Resp: 2355

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	15.0	10.4	15.6

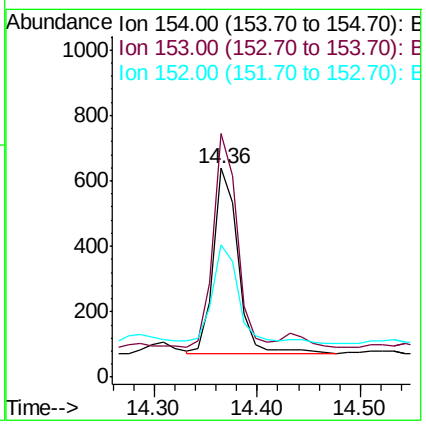


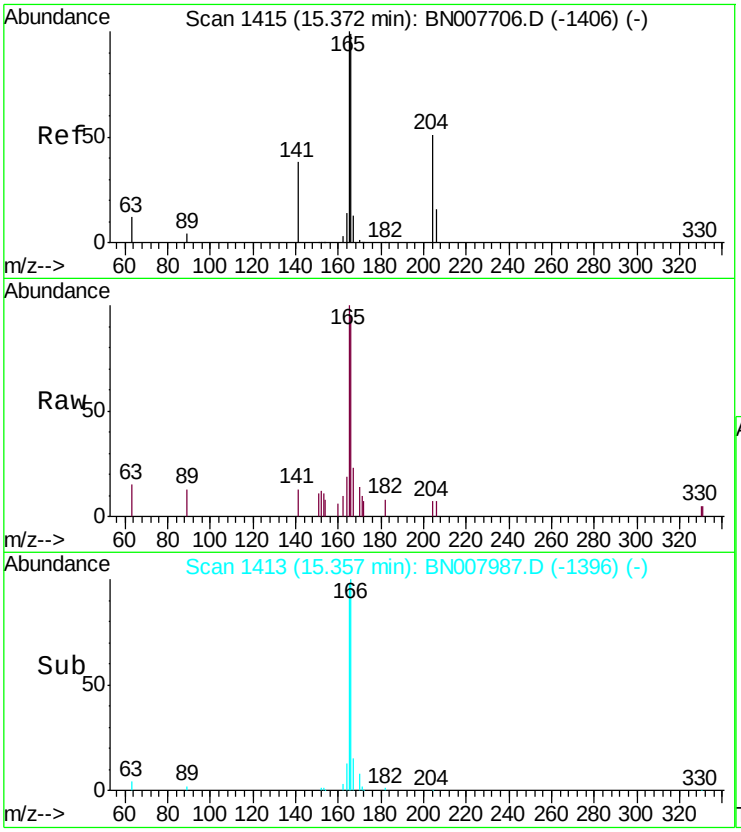


#17
Acenaphthene
Concen: 0.021 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:154 Resp: 940

Ion	Ratio	Lower	Upper
154	100		
153	110.2	87.0	130.4
152	59.1	42.7	64.1



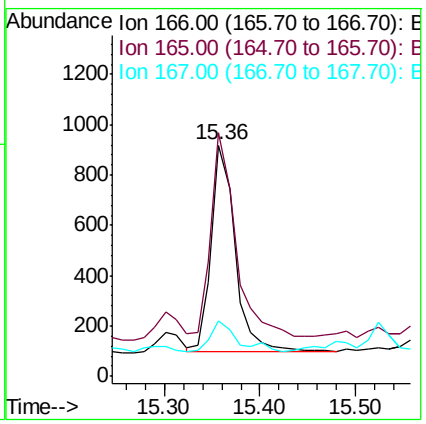


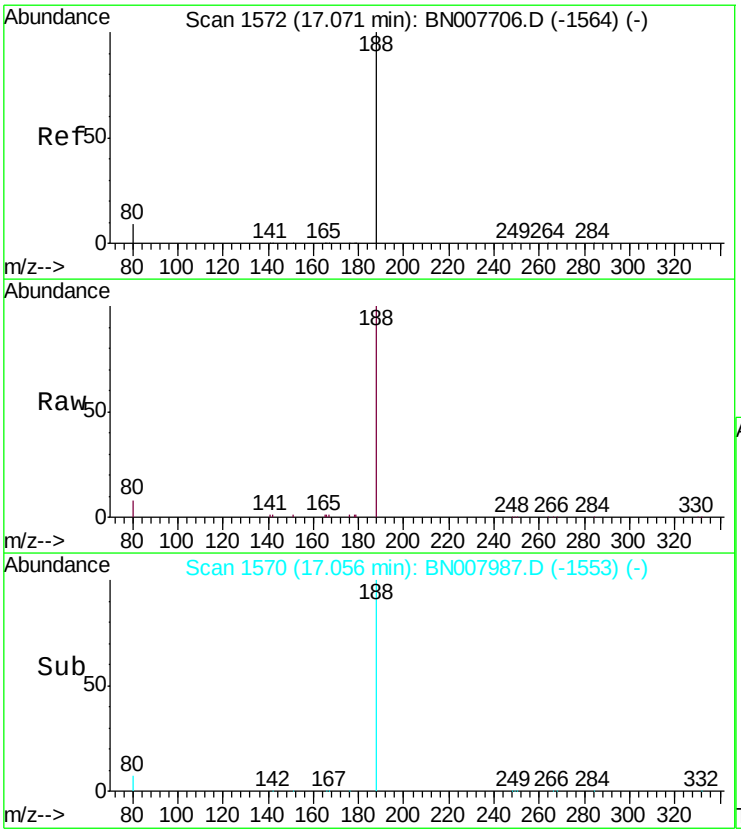
#18
Fluorene
Concen: 0.025 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:166 Resp: 1433

Ion	Ratio	Lower	Upper
166	100		
165	105.2	78.0	117.0
167	17.2	10.9	16.3#

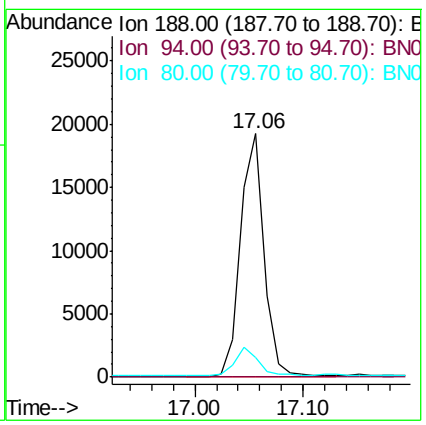


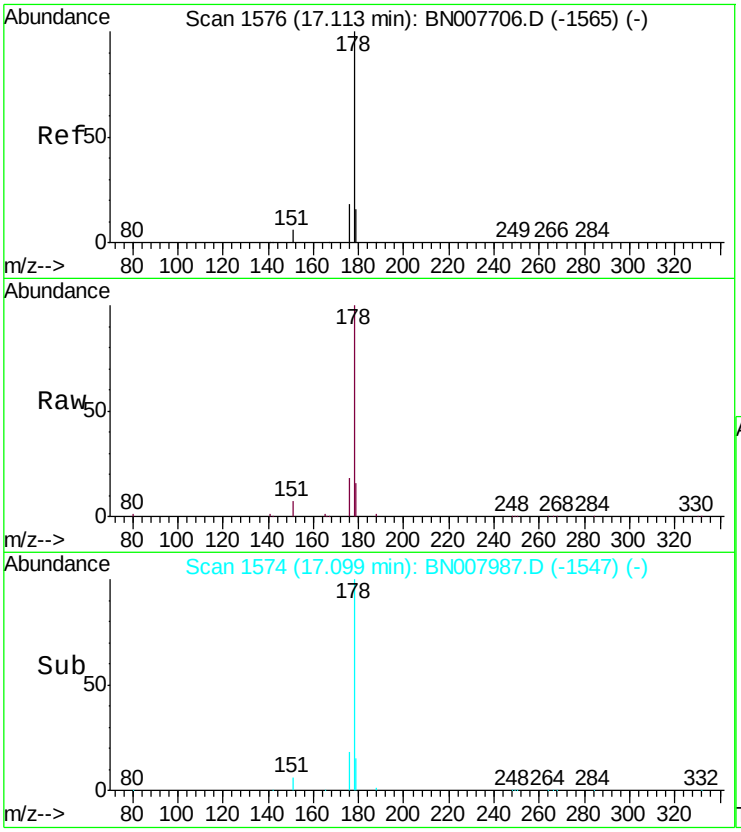


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:188 Resp: 28823

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.4	11.2



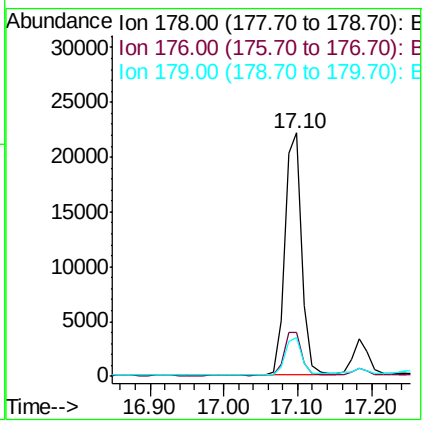


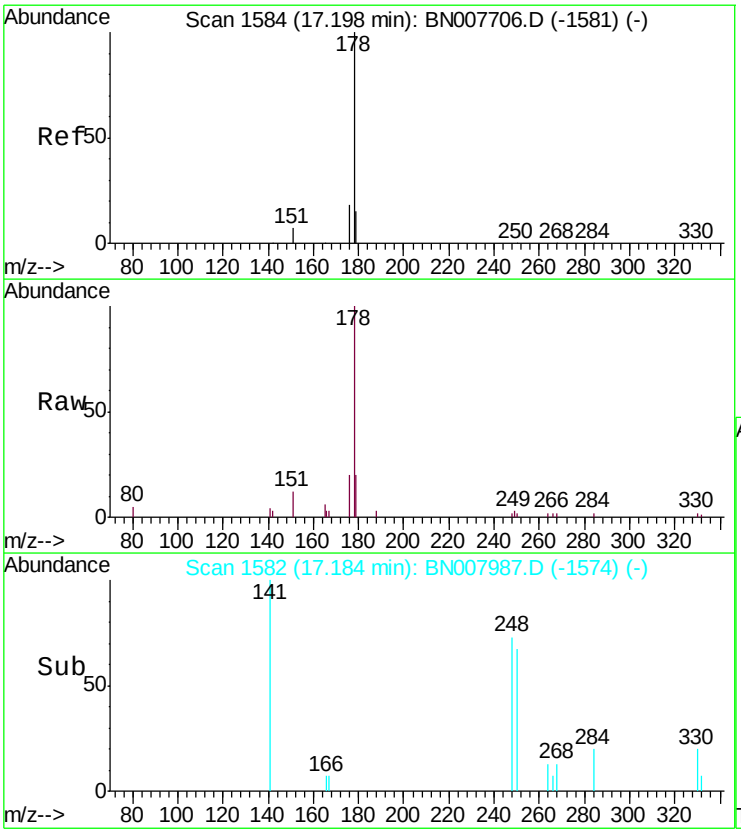
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:178 Resp: 35430

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.7	12.5	18.7

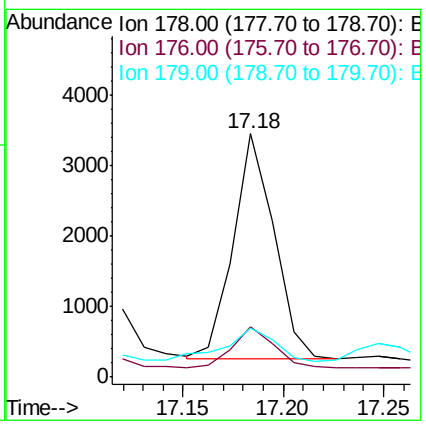


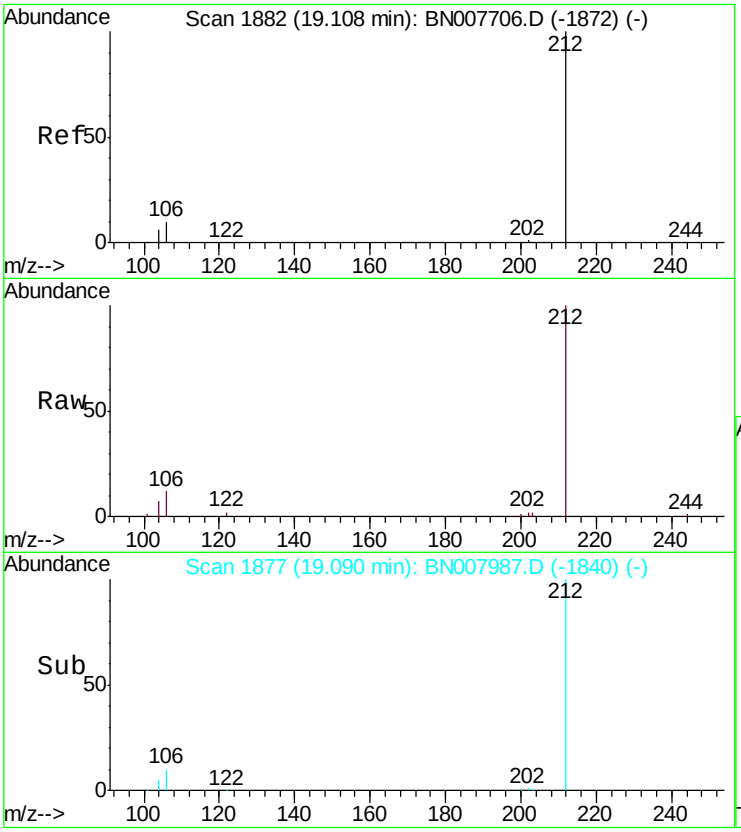


#24
Anthracene
Concen: 0.056 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:178 Resp: 4542

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	17.9	12.2	18.4



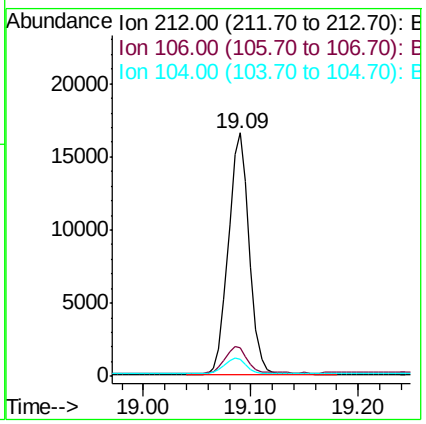


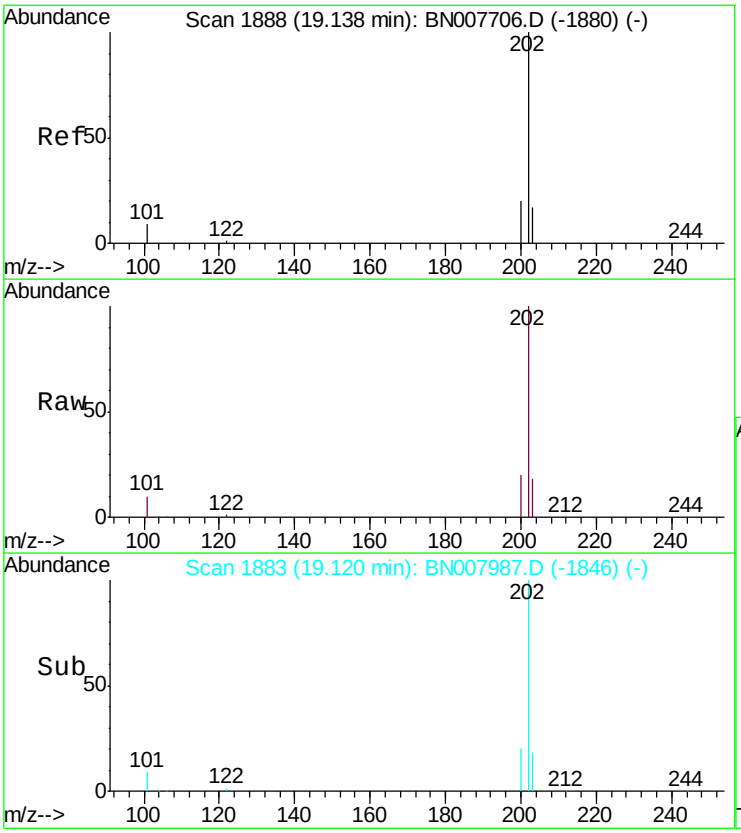
#25
Fluoranthene-d10
Concen: 0.230 ng
RT: 19.09 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:212 Resp: 22332

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.2	5.3	7.9

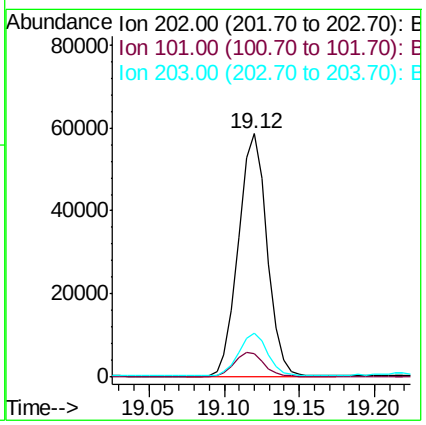


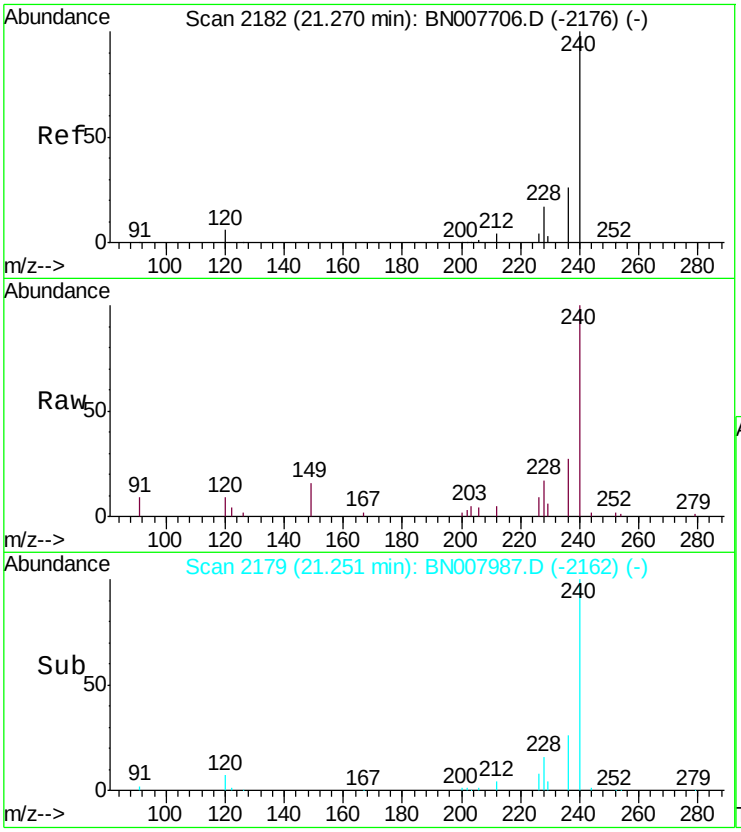


#26
Fluoranthene
Concen: 0.693 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:202 Resp: 77416

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.7	13.8	20.8



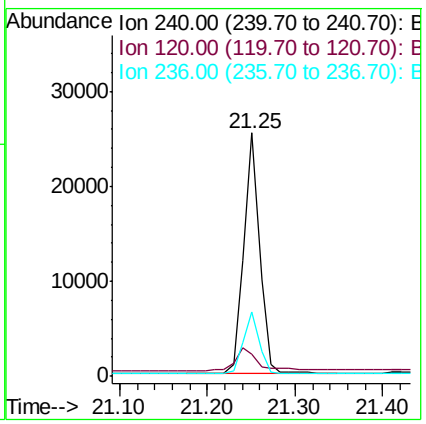


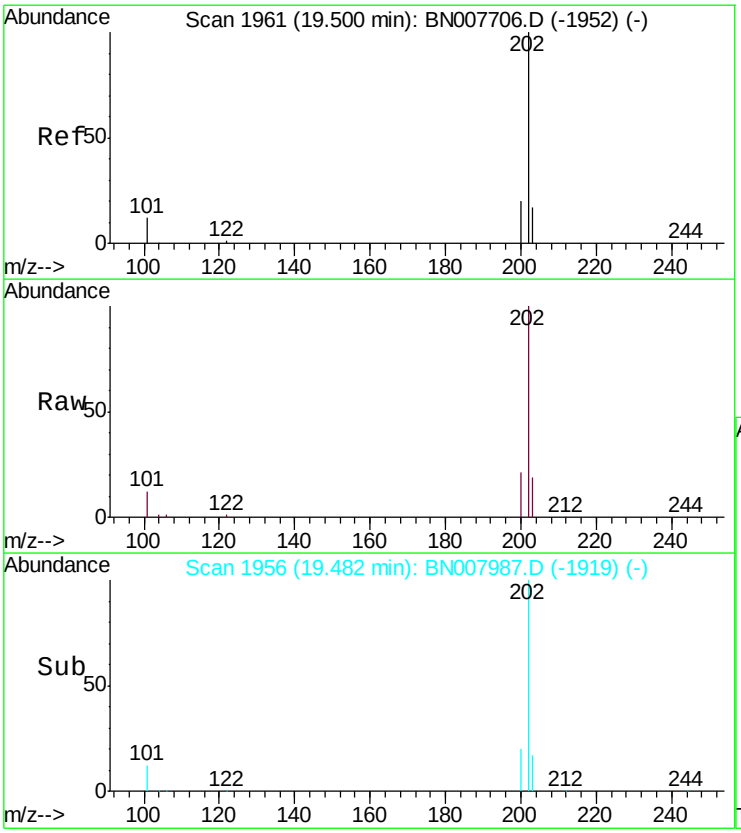
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:240 Resp: 31678

Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.4	8.2#
236	26.6	21.0	31.4

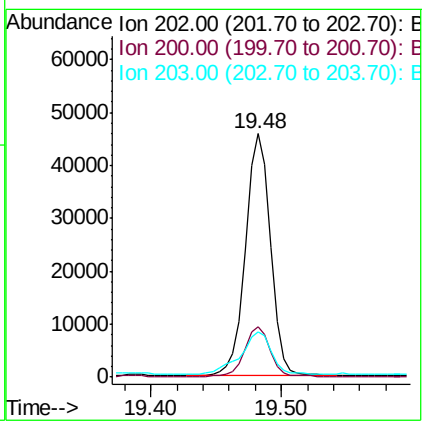


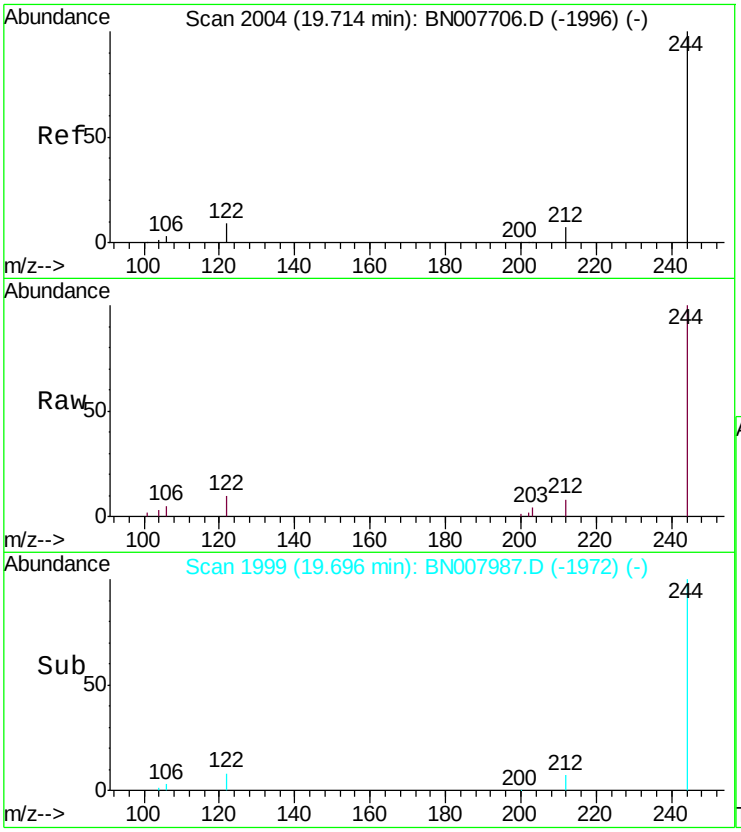


#28
Pyrene
Concen: 0.571 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:202 Resp: 61691

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.5	14.1	21.1#



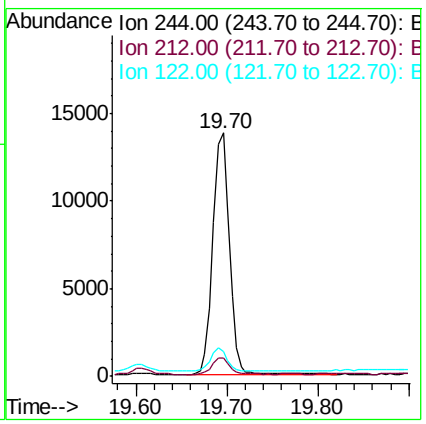


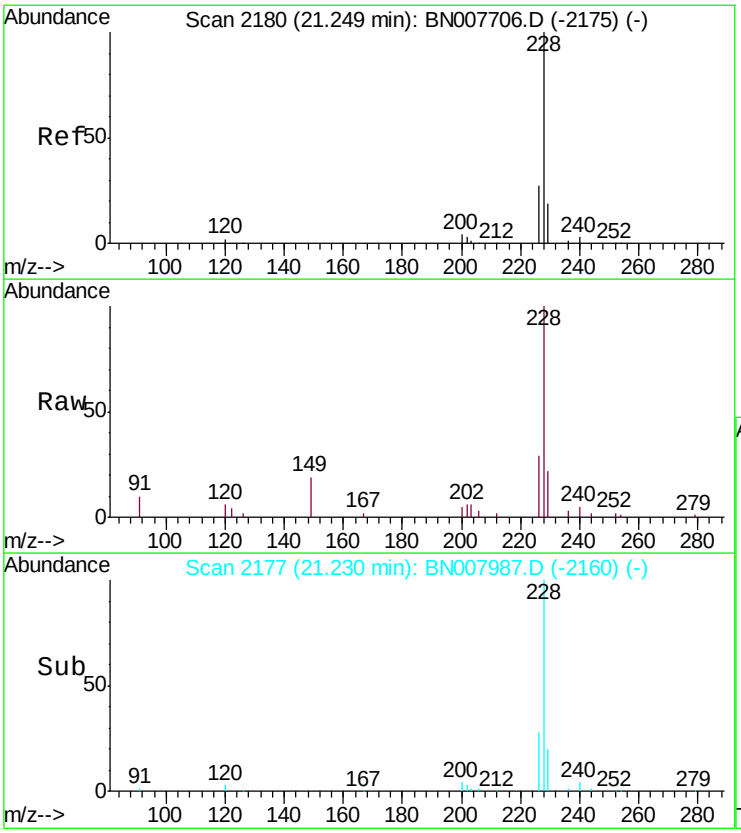
#29
Terphenyl-d14
Concen: 0.220 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:244 Resp: 17138

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	7.4	11.2

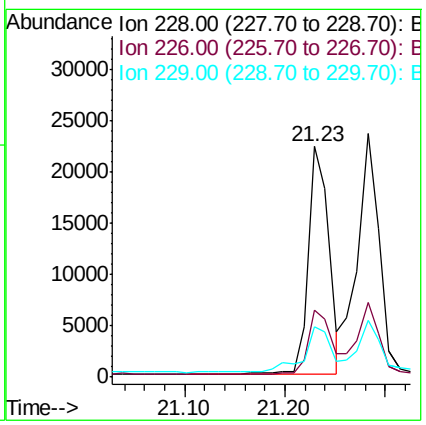


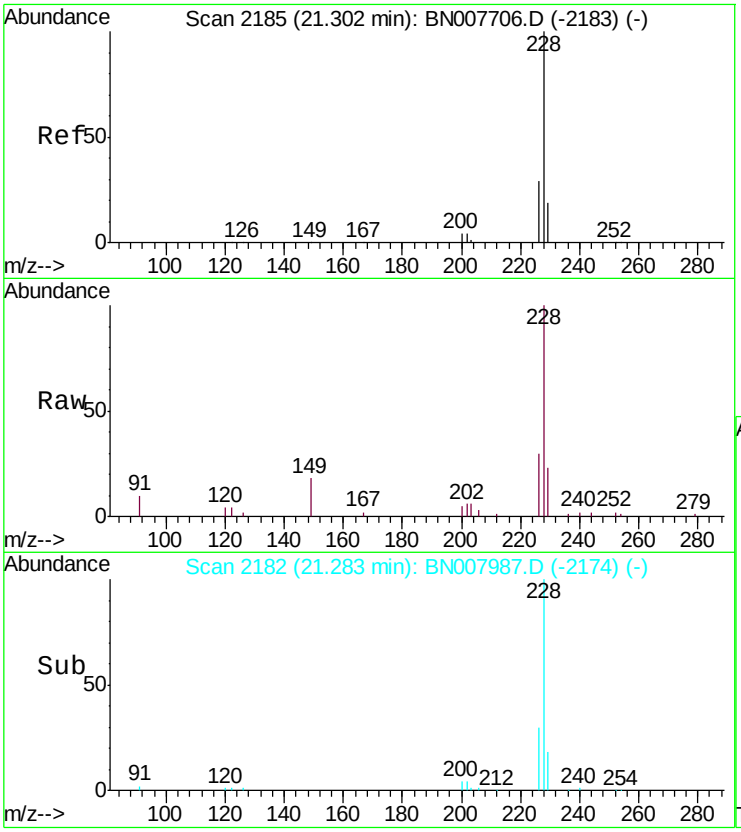


#30
Benzo(a)anthracene
Concen: 0.273 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:228 Resp: 31814

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	21.7	15.8	23.6



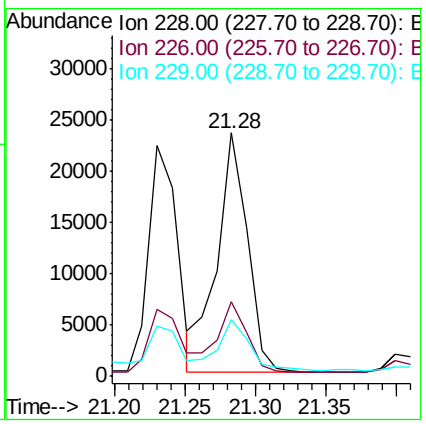


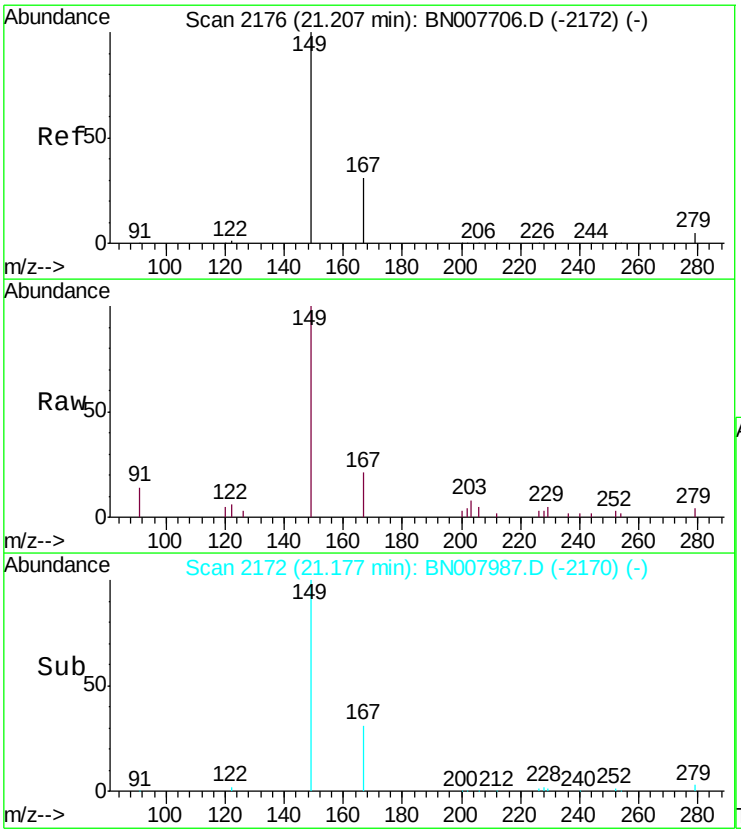
#31
Chrysene
Concen: 0.309 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:228 Resp: 35122

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	23.1	15.8	23.6

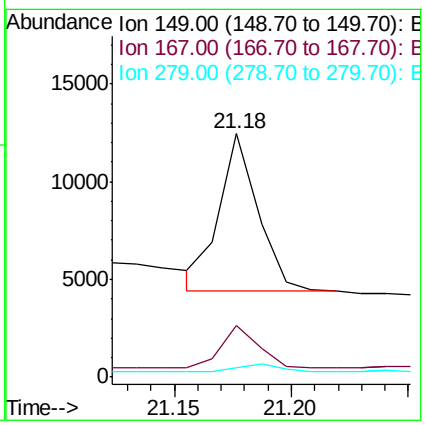


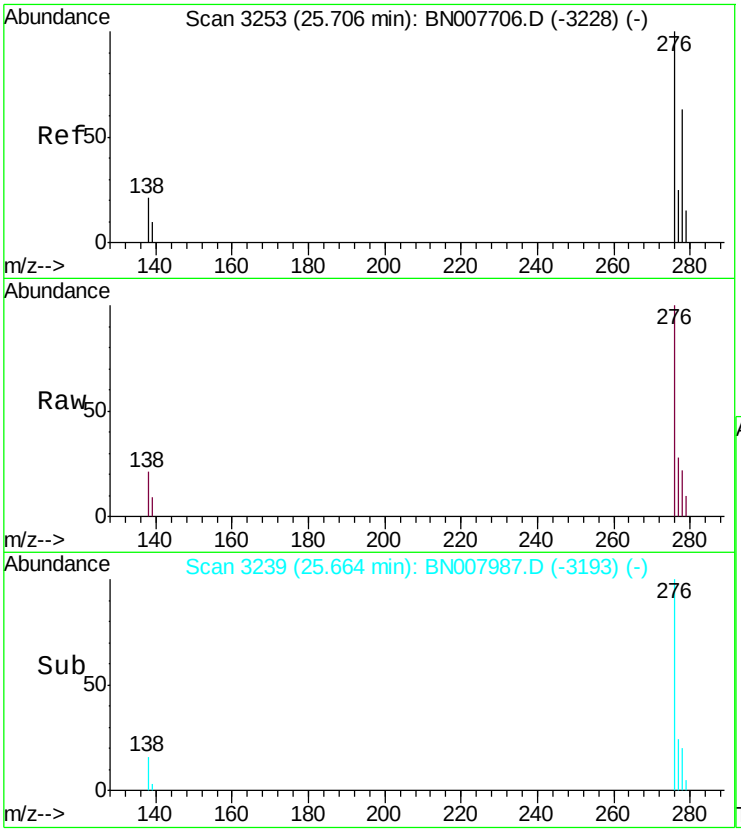


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:149 Resp: 9118

Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.7	35.5
279	5.4	4.2	6.2



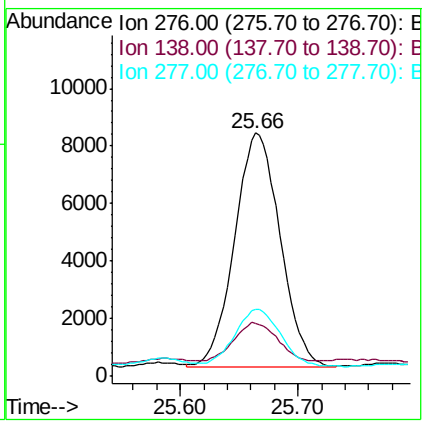


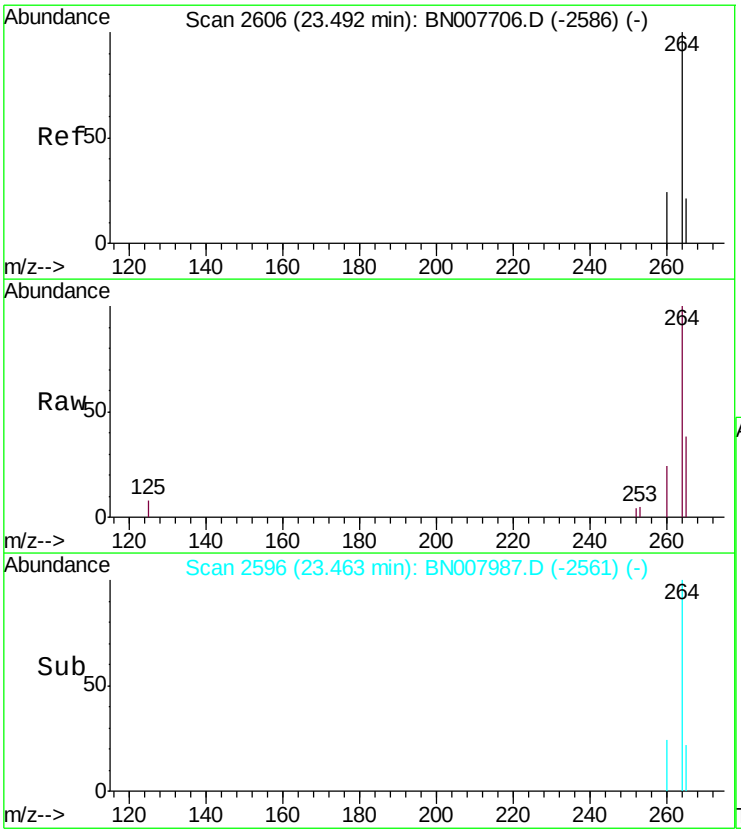
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng
RT: 25.66 min Scan# 3239
Delta R.T. -0.04 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:276 Resp: 21937

Ion	Ratio	Lower	Upper
276	100		
138	15.6	17.1	25.7#
277	24.7	20.0	30.0

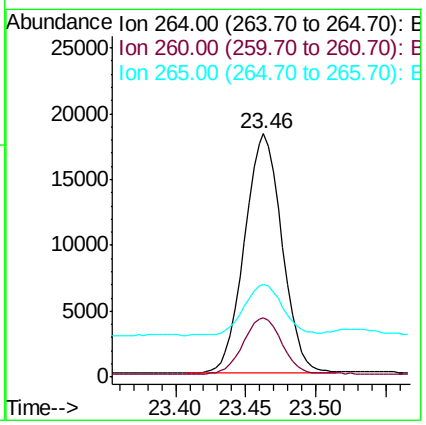


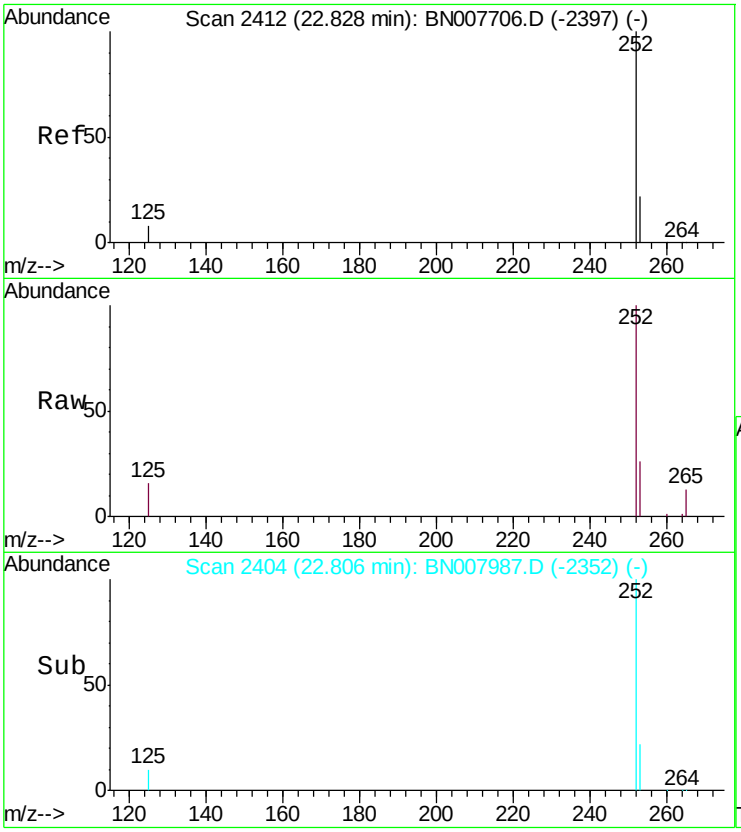


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:264 Resp: 33812

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	38.2	26.9	40.3



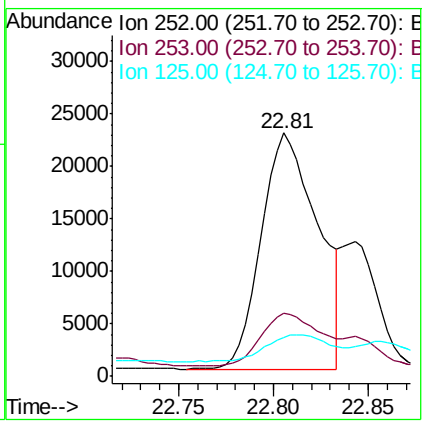


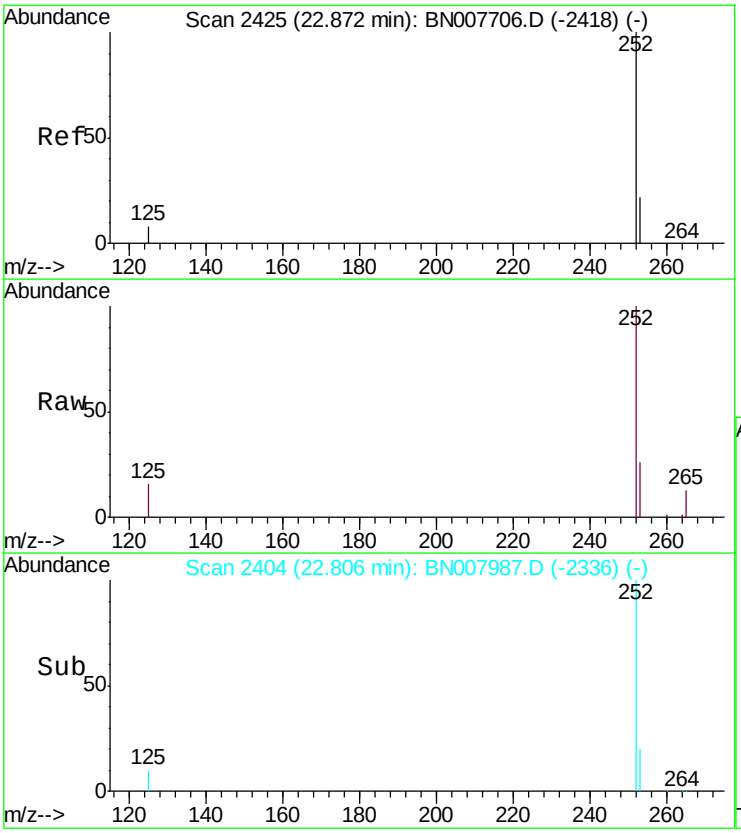
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:252 Resp: 46740

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.3	27.5
125	16.2	8.2	12.4#

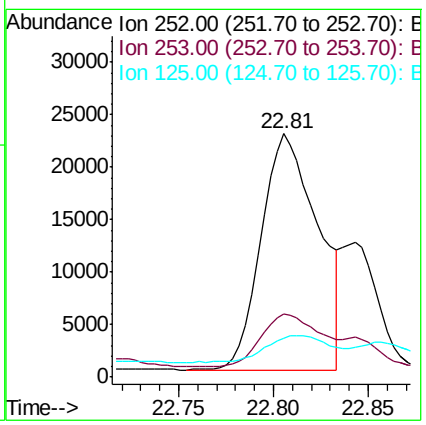


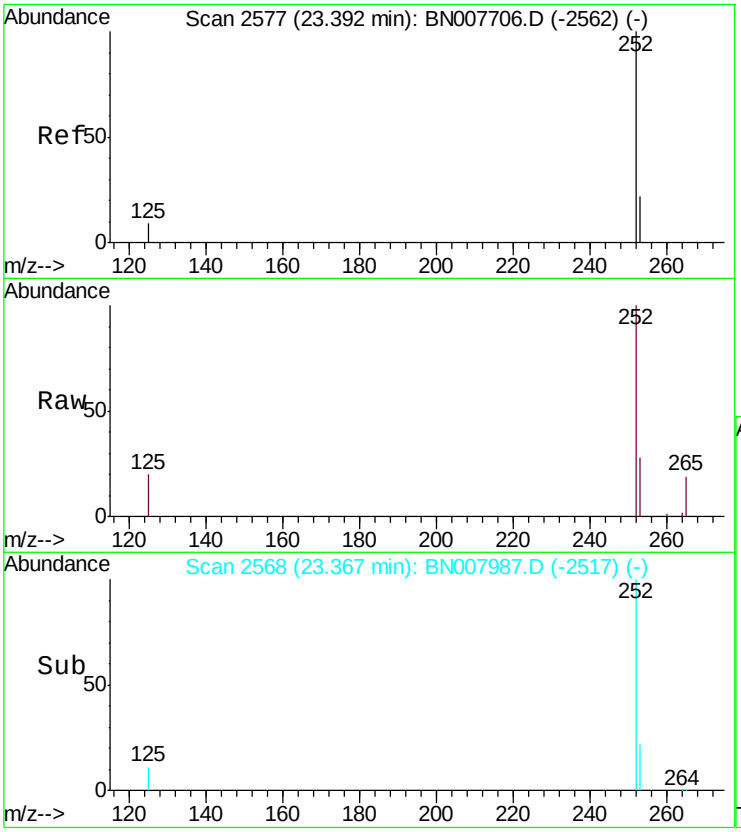


#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.07 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:252 Resp: 46740

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.5	27.7
125	16.2	8.4	12.6#



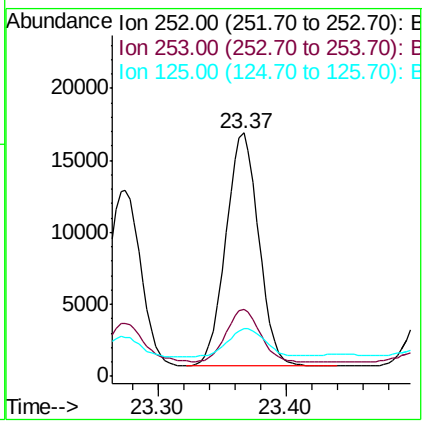


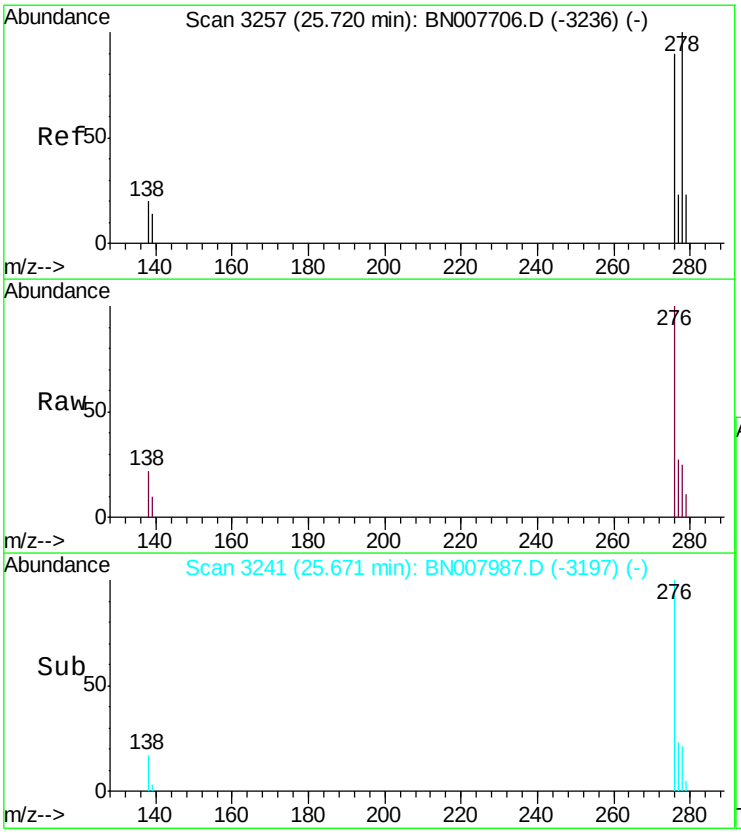
#37
Benzo(a)pyrene
Concen: 0.261 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:252 Resp: 28775

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.6	27.8
125	19.7	9.4	14.0#

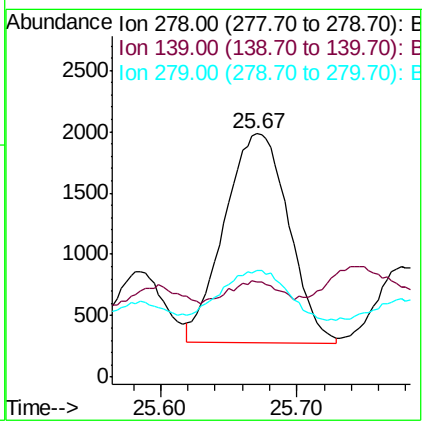


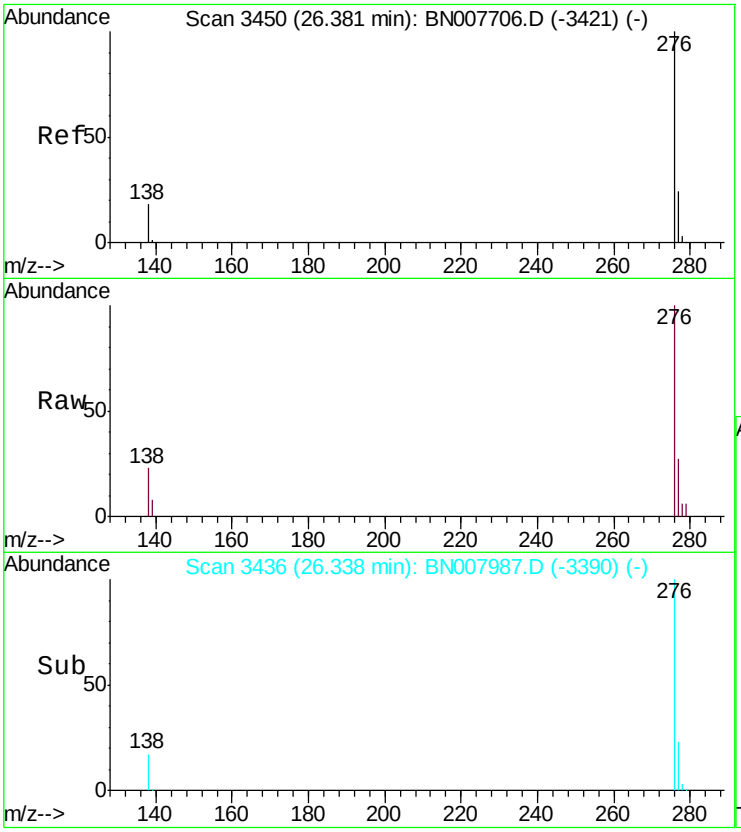


#38
Dibenzo(a,h)anthracene
Concen: 0.049 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.05 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Tgt Ion:278 Resp: 5586

Ion	Ratio	Lower	Upper
278	100		
139	39.0	11.8	17.6#
279	43.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.189 ng
RT: 26.34 min Scan# 3436
Delta R.T. -0.04 min
Lab File: BN007987.D
Acq: 03 Oct 2019 19:12

Instrument :
BNA_N
ClientSampleId :
PST-024-B275-092519

Tgt Ion:276 Resp: 21135

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.8	29.8
138	23.0	15.1	22.7#