Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN008000.D
Acq On : 04 Oct 2019 02:59
Operator : JU
Sample : K5077-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B263-092519

Quant Time: Oct 04 05:42:45 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	4650	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	19617	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12544	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	27265	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	29104	0.40	ng		-0.02
34) Perylene-d12	23.46	264	31124	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5243	0.33	ng		0.00
5) Phenol-d6	6.87	99	7556	0.38	ng		0.00
8) Nitrobenzene-d5	8.82	82	5631	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	11967	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2352	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16280	0.32	ng		-0.01
25) Fluoranthene-d10	19.09	212	32990	0.36	ng		-0.01
29) Terphenyl-d14	19.69	244	26896	0.38	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	5760	2.426	ng	#	78
16) Acenaphthylene	14.02	152	4422	0.066	ng		99
17) Acenaphthene	14.37	154	1167	0.027	ng		96
18) Fluorene	15.36	166	1748	0.032	ng	#	88
23) Phenanthrene	17.09	178	41854	0.493	ng		100
24) Anthracene	17.19	178	3699	0.048	ng	#	88
26) Fluoranthene	19.12	202	69723	0.660	ng		99
28) Pyrene	19.49	202	62484	0.629	ng		96
30) Benzo(a)anthracene	21.24	228	23798	0.222	ng	#	88
31) Chrysene	21.29	228	28126	0.269	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.17	149	6665	0.121	ng		94
33) Indeno(1,2,3-cd)pyrene	25.68	276	17102	0.131	ng		96
35) Benzo(b)fluoranthene	22.81	252	34015	0.315	ng	#	80
36) Benzo(k)fluoranthene	22.81	252	34015	0.318	ng	#	81
37) Benzo(a)pyrene	23.37	252	23113	0.228	ng	#	73
38) Dibenzo(a,h)anthracene	25.68	278	3970	0.038	ng	#	12
39) Benzo(g,h,i)perylene	26.35	276	16892	0.164	ng	#	85

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

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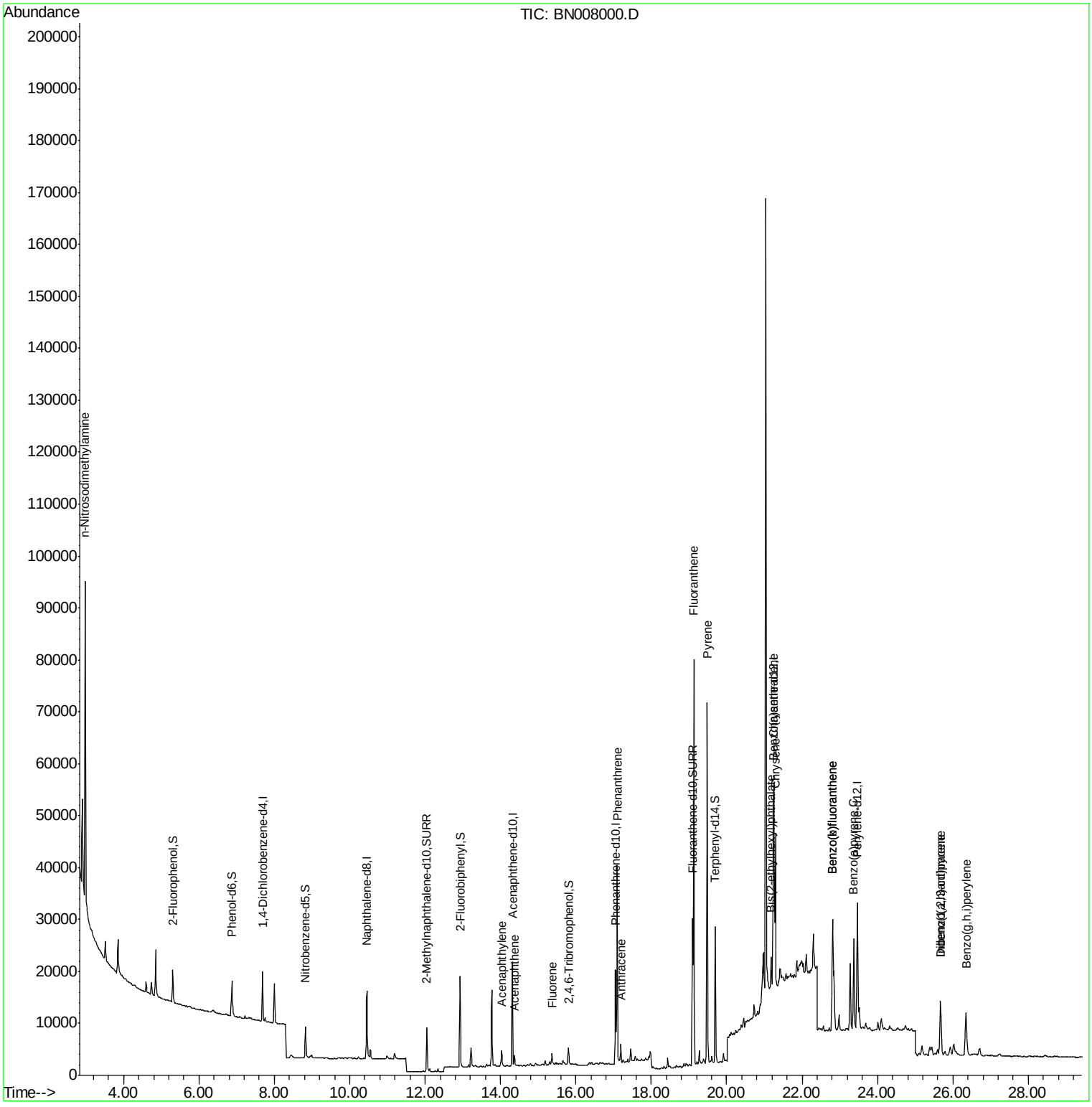
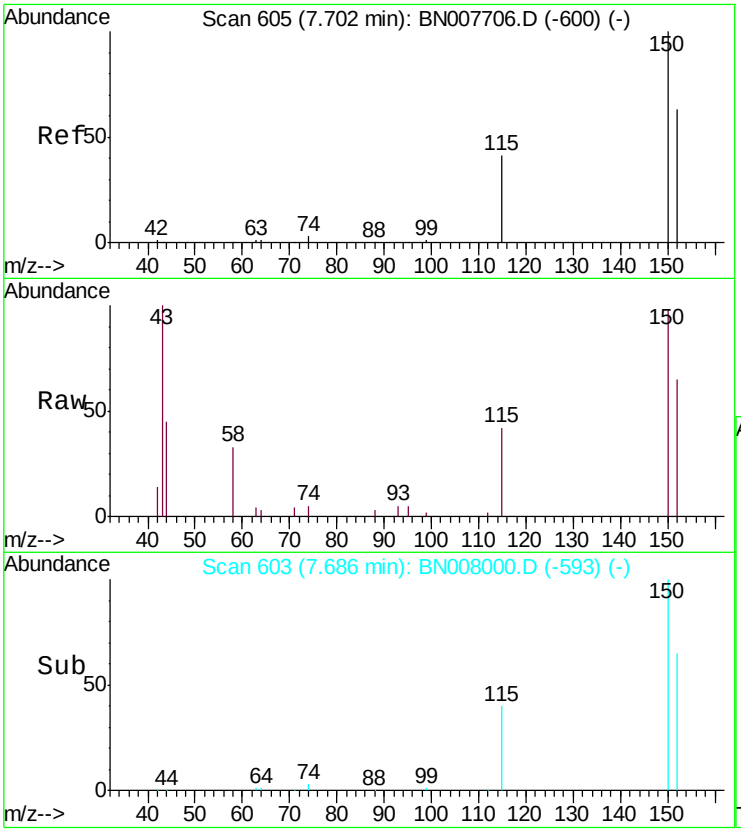


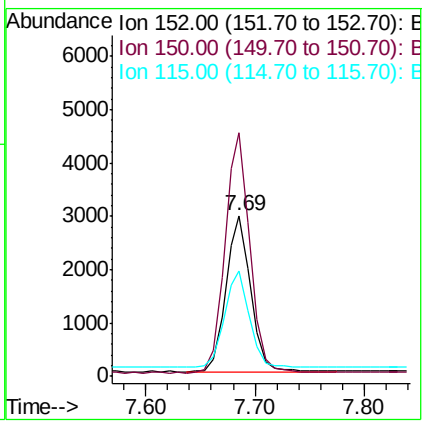


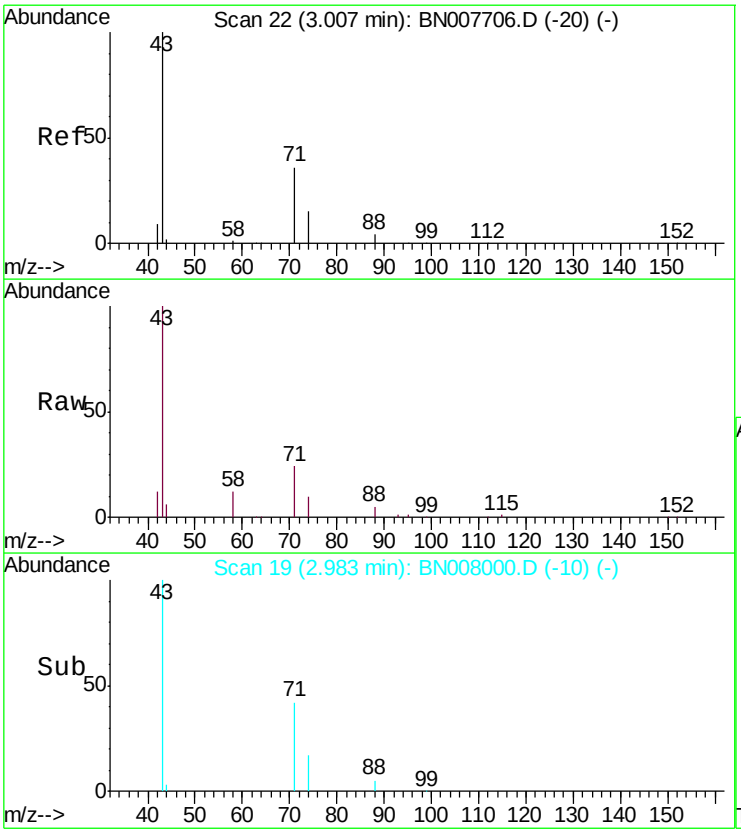
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:152 Resp: 4650

Ion	Ratio	Lower	Upper
152	100		
150	151.4	125.6	188.4
115	65.5	53.3	79.9

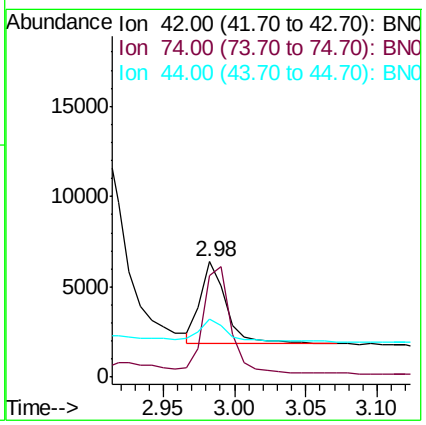


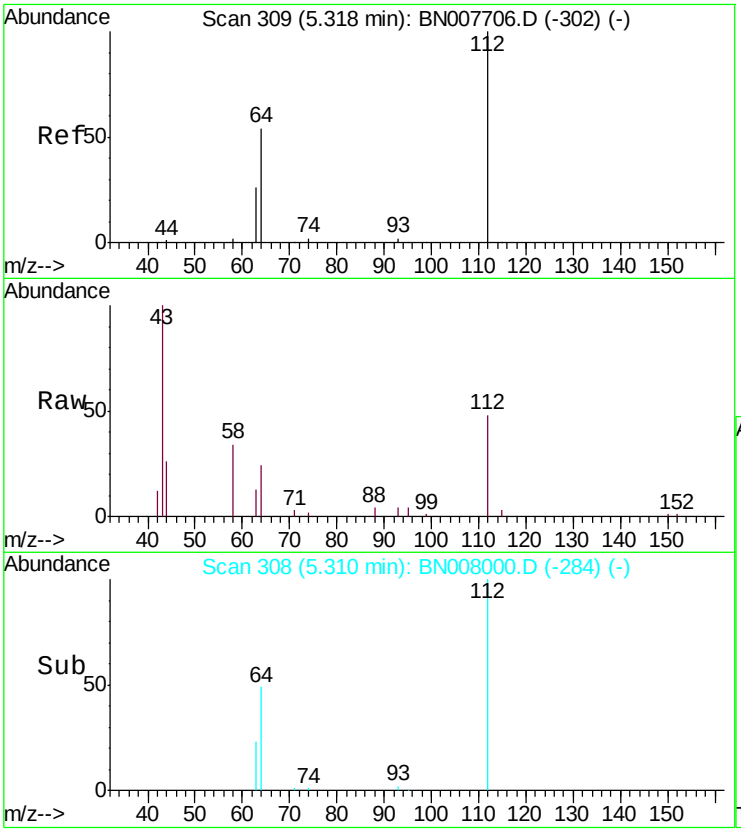


#3
n-Nitrosodimethylamine
Concen: 2.426 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion: 42 Resp: 5760

Ion	Ratio	Lower	Upper
42	100		
74	137.2	87.9	131.9#
44	31.6	29.4	44.0



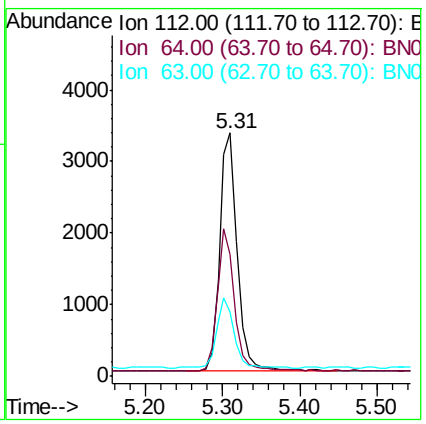


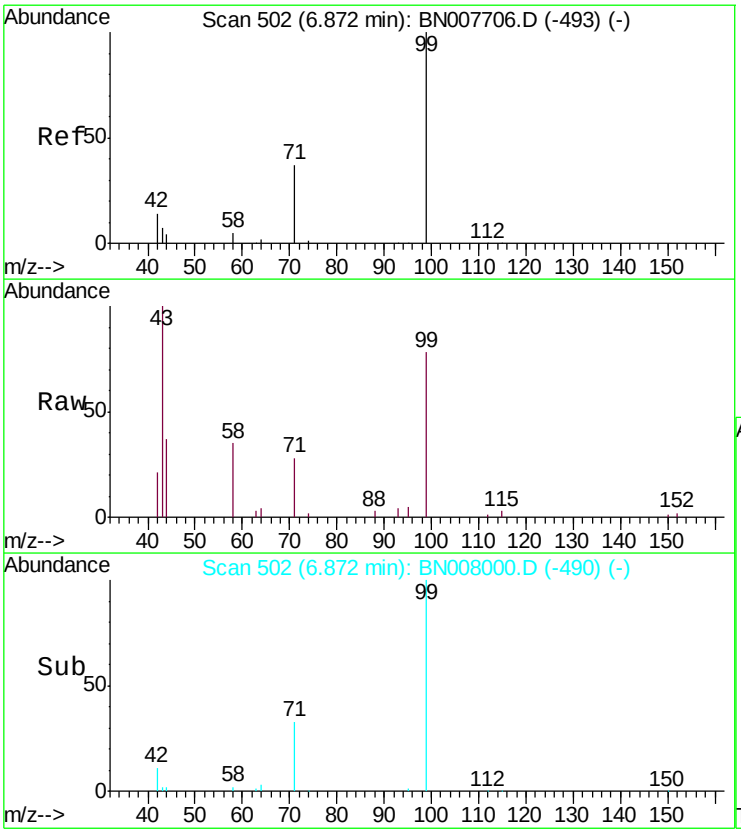
#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:112 Resp: 5243

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	29.9	23.1	34.7

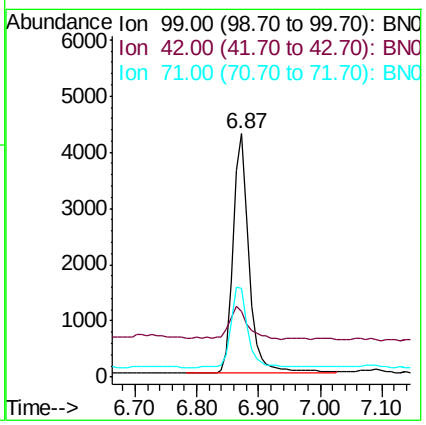


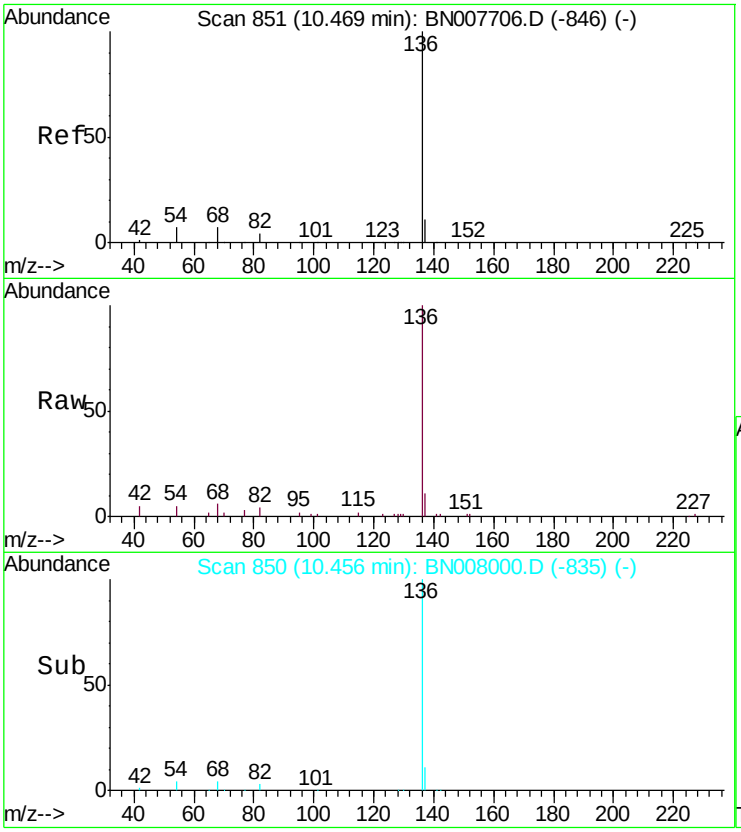


#5
Phenol-d6
Concen: 0.378 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion: 99 Resp: 7556

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	35.7	27.6	41.4



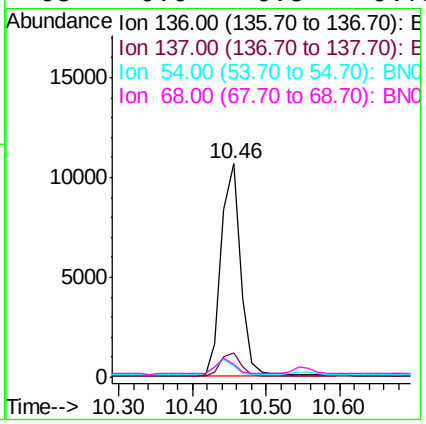


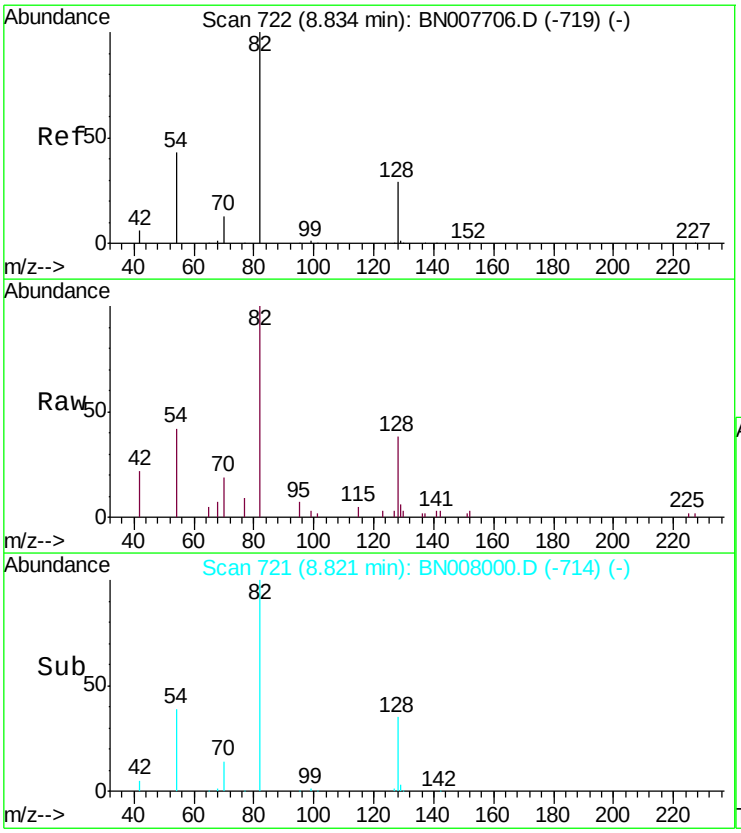
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:136 Resp: 19617

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.4	5.8	8.8#
68	6.0	6.5	9.7#

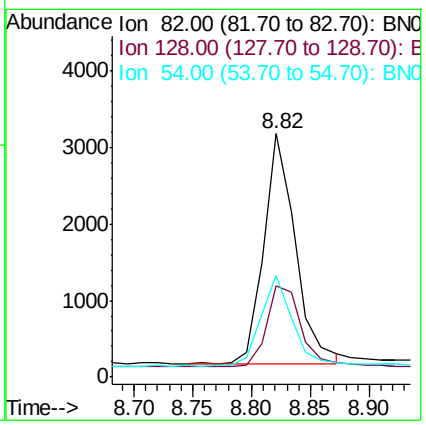


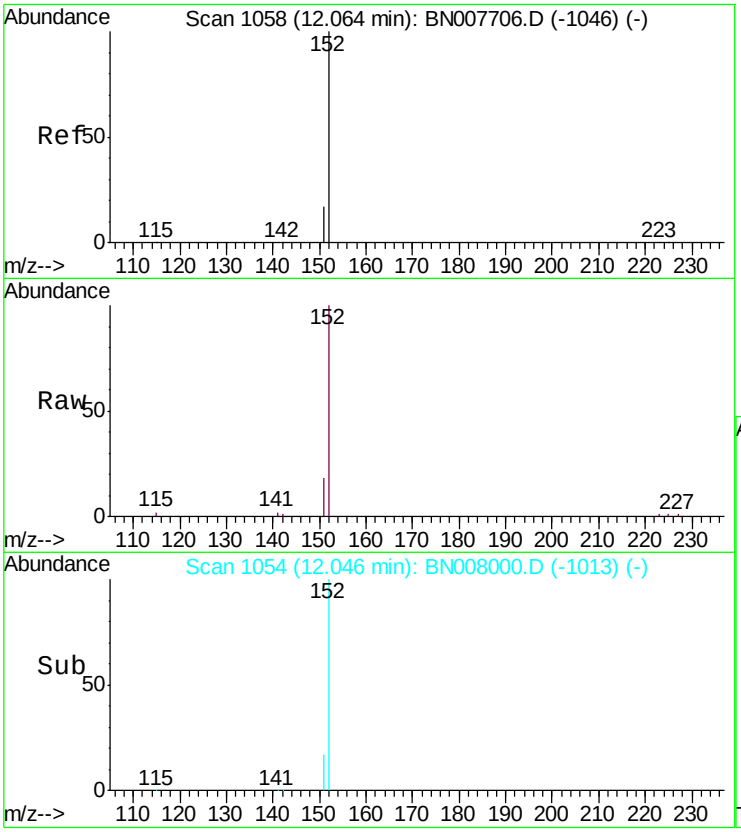


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion: 82 Resp: 5631

Ion	Ratio	Lower	Upper
82	100		
128	37.6	24.5	36.7#
54	41.6	35.2	52.8



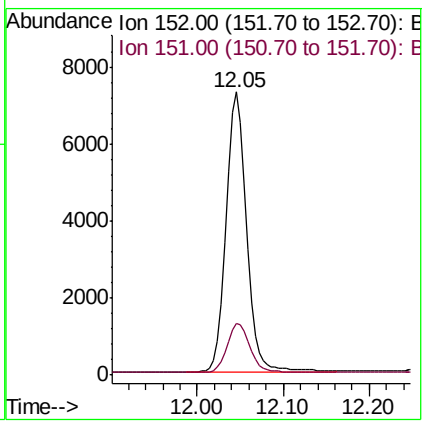


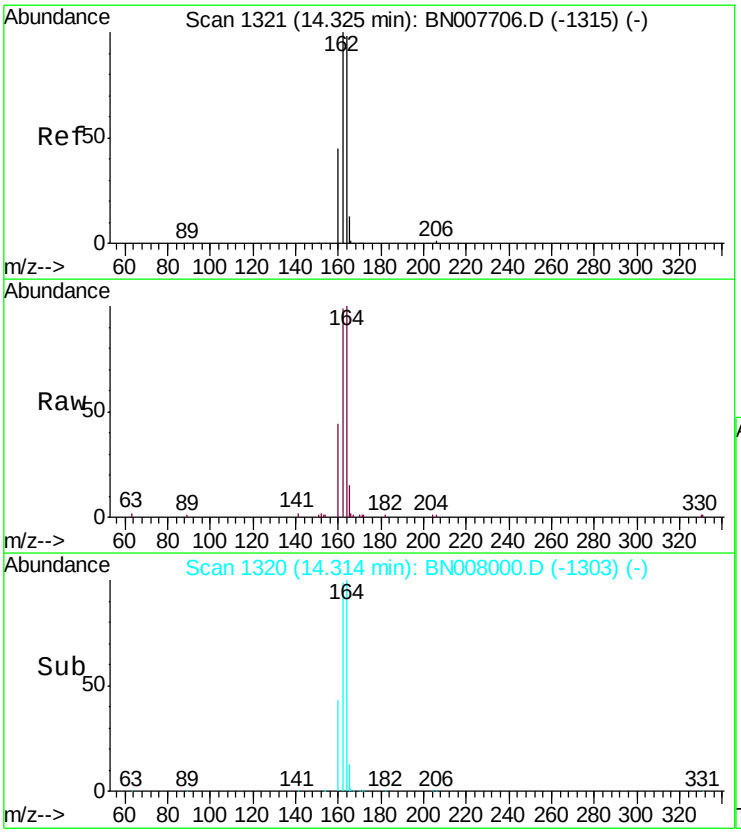
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:152 Resp: 11967

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

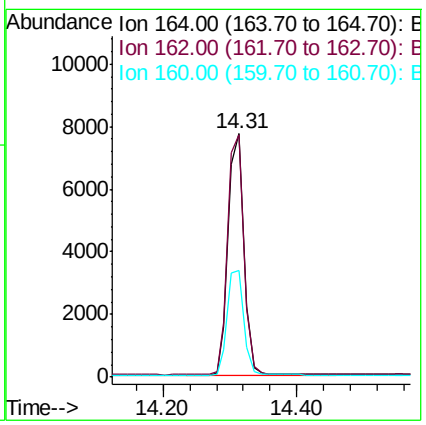


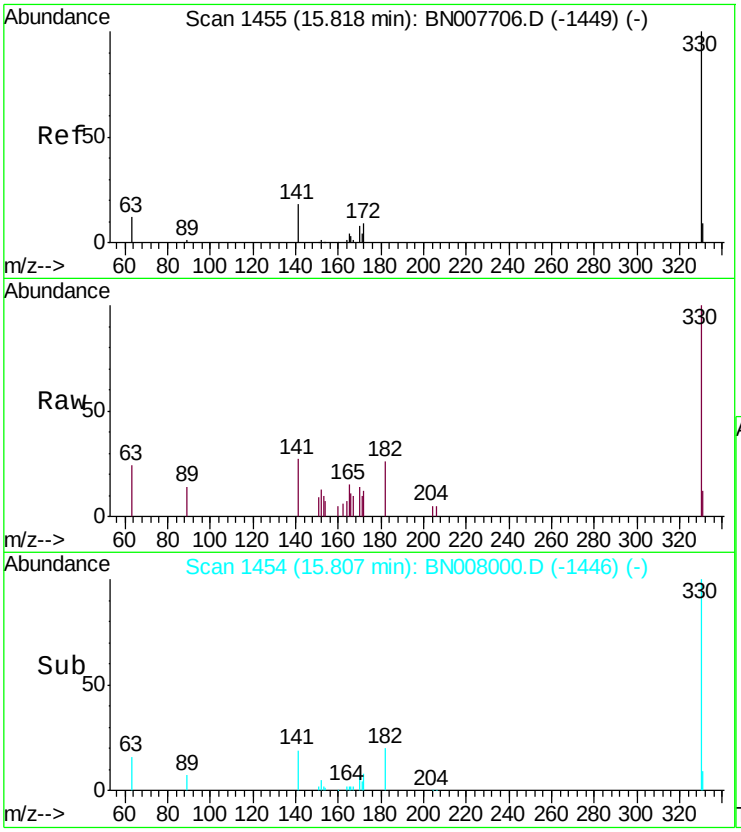


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:164 Resp: 12544

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.7	122.5
160	43.6	37.0	55.4



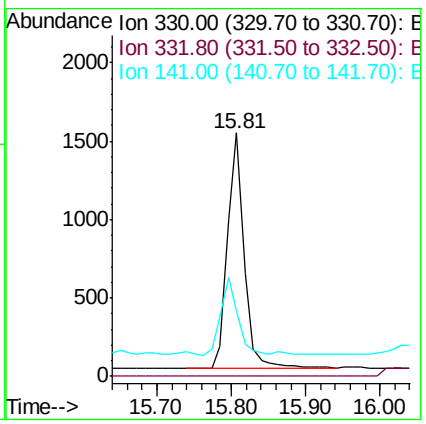


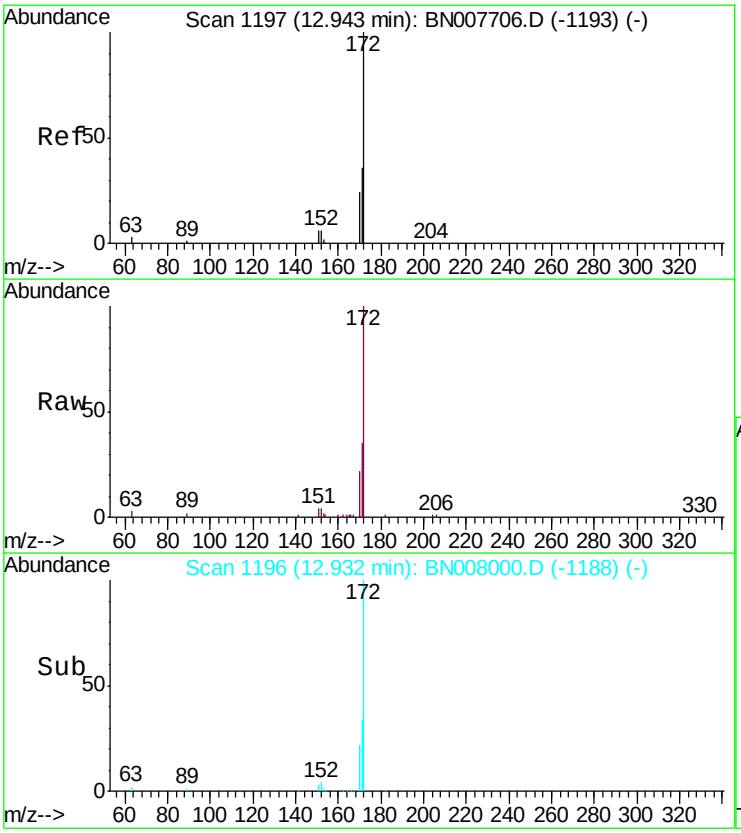
#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:330 Resp: 2352

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	28.7	43.1

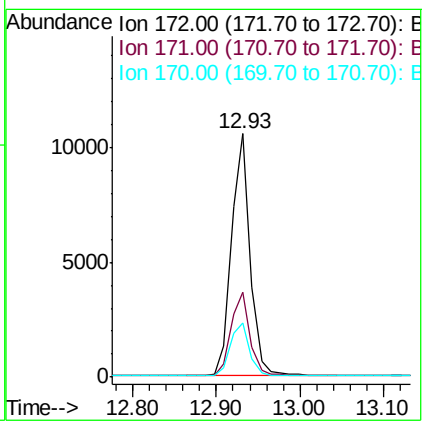


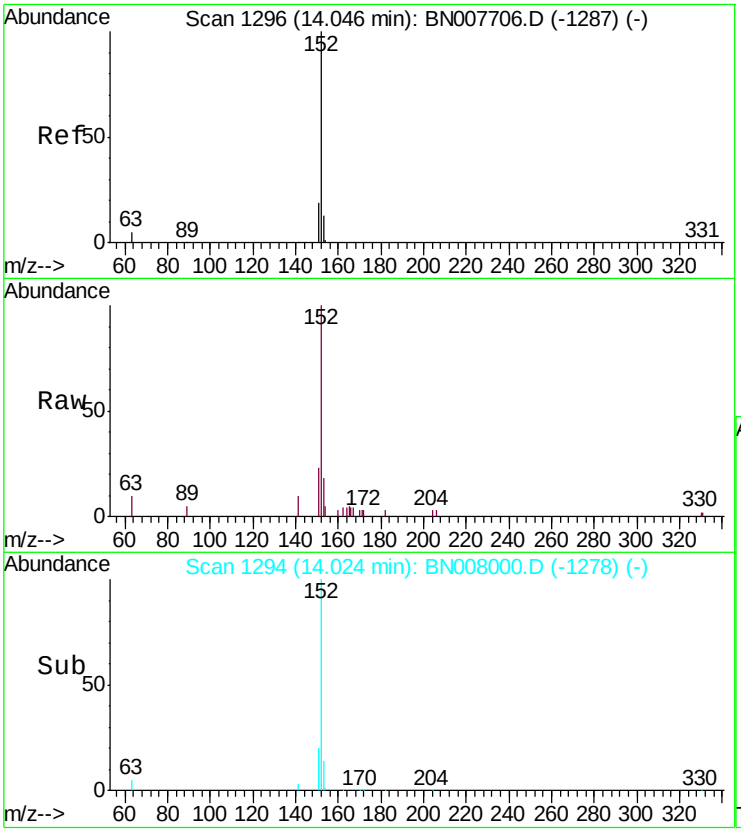


#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:172 Resp: 16280

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	22.3	19.5	29.3



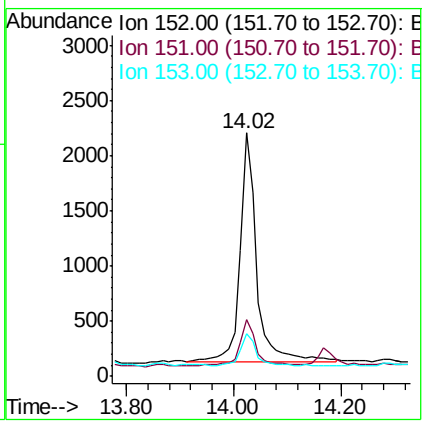


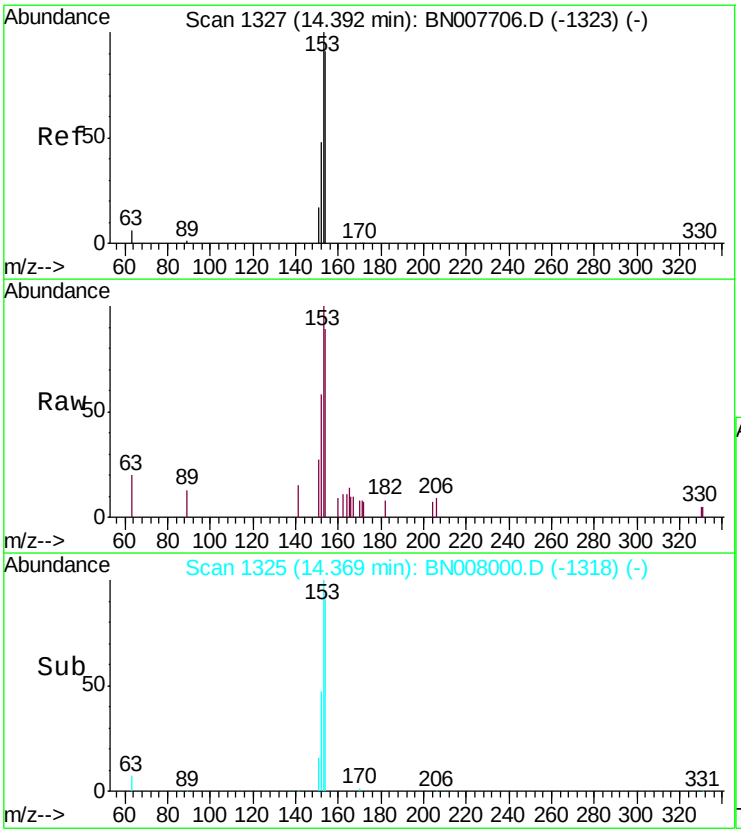
#16
Acenaphthylene
Concen: 0.066 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:152 Resp: 4422

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.3	10.4	15.6

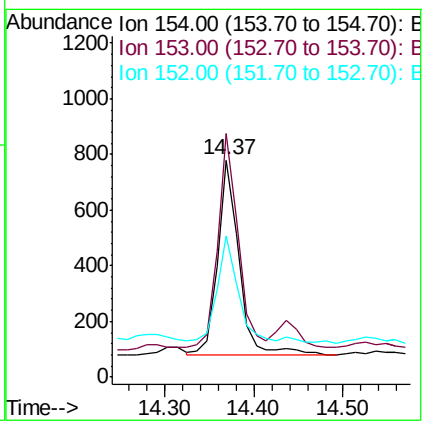


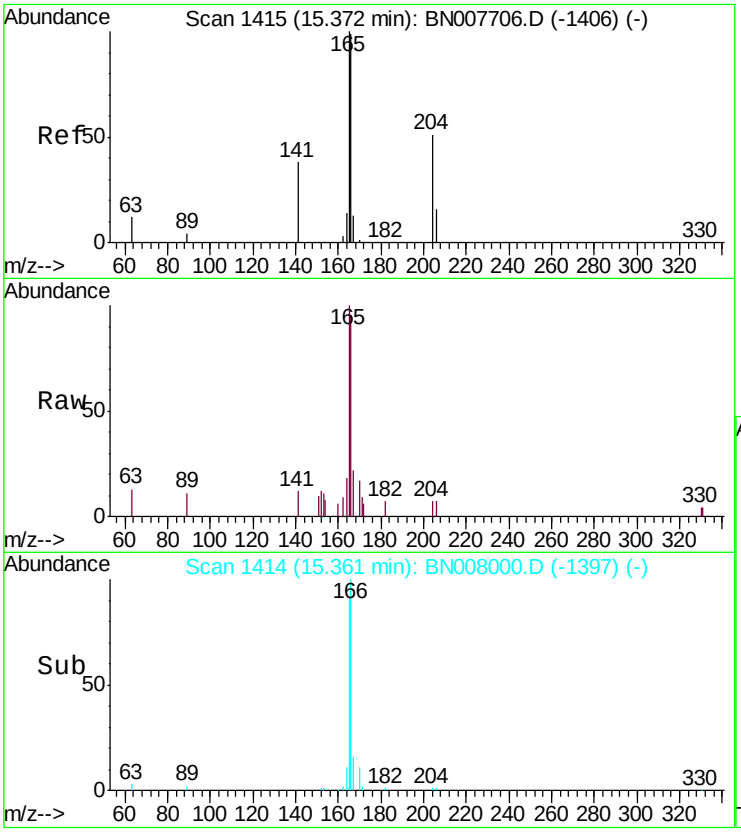


#17
Acenaphthene
Concen: 0.027 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:154 Resp: 1167

Ion	Ratio	Lower	Upper
154	100		
153	104.0	87.0	130.4
152	50.3	42.7	64.1



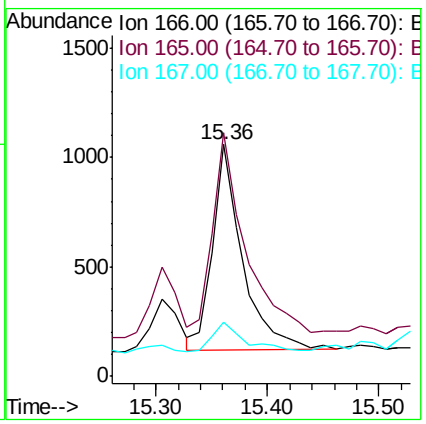


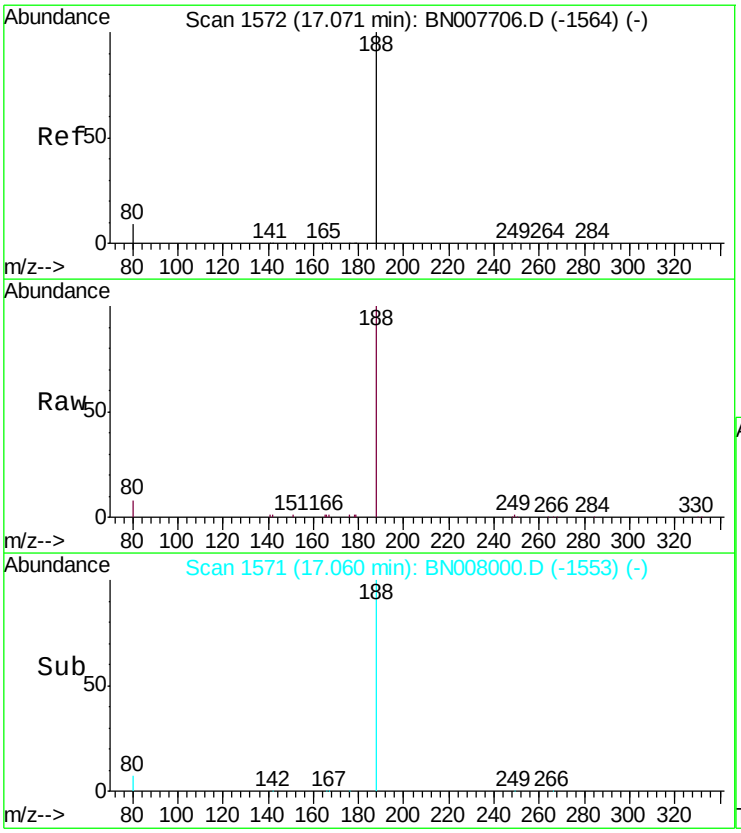
#18
Fluorene
Concen: 0.032 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:166 Resp: 1748

Ion	Ratio	Lower	Upper
166	100		
165	109.8	78.0	117.0
167	16.4	10.9	16.3#

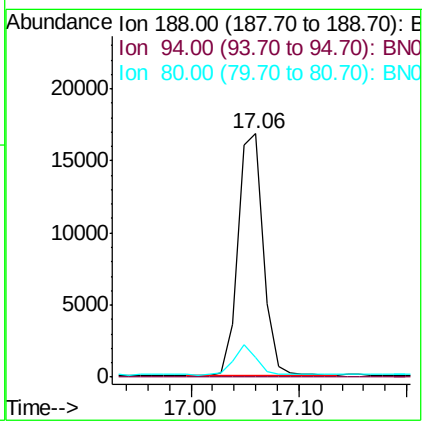


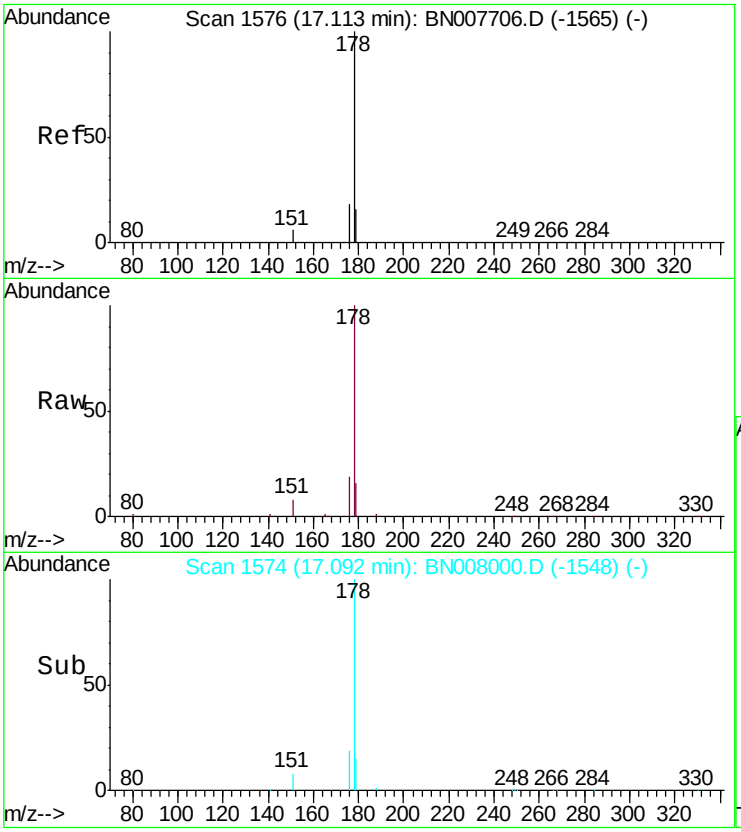


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:188 Resp: 27265

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.4	11.2



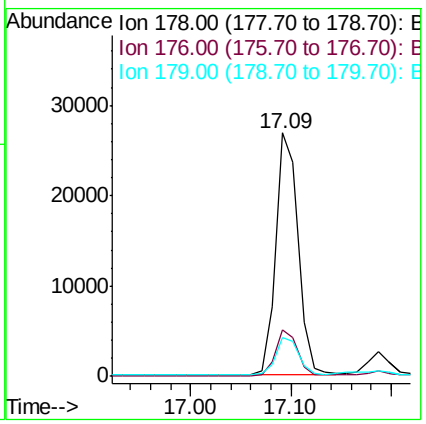


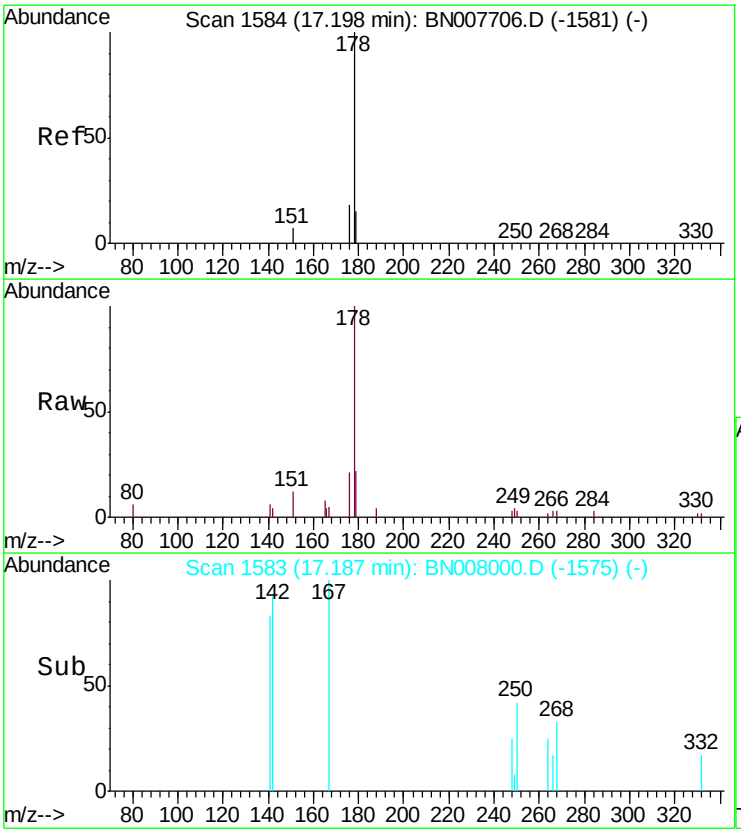
#23
Phenanthrene
Concen: 0.493 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:178 Resp: 41854

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.7	12.5	18.7

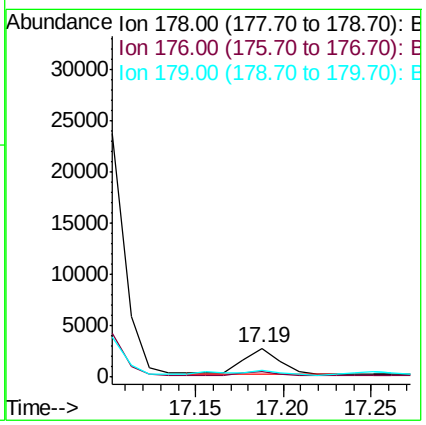


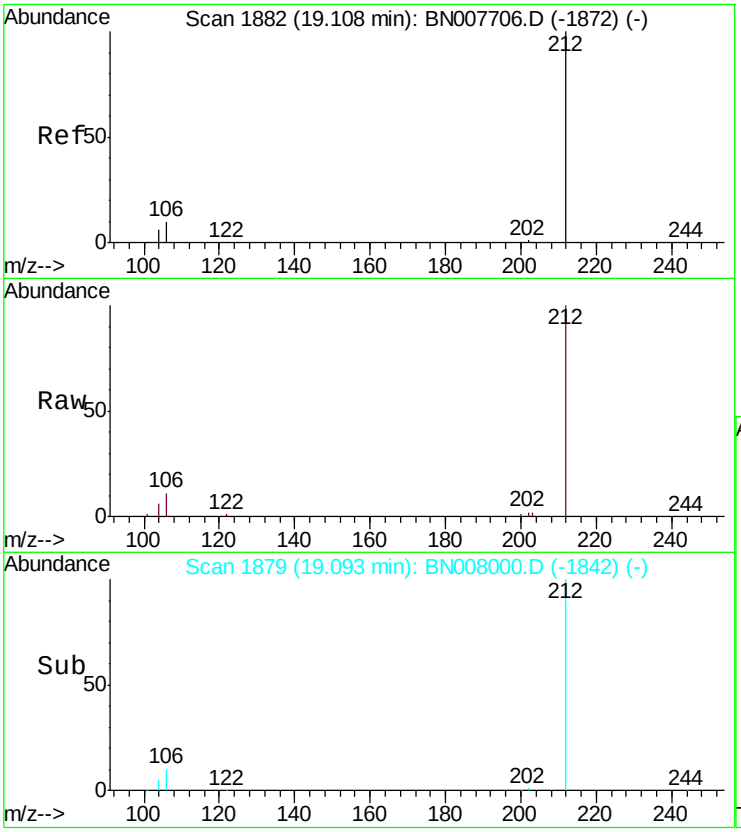


#24
Anthracene
Concen: 0.048 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:178 Resp: 3699

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	24.6	12.2	18.4#



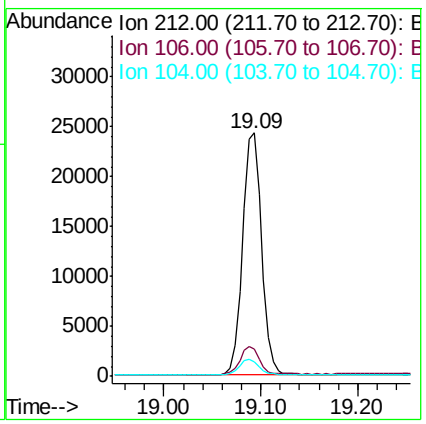


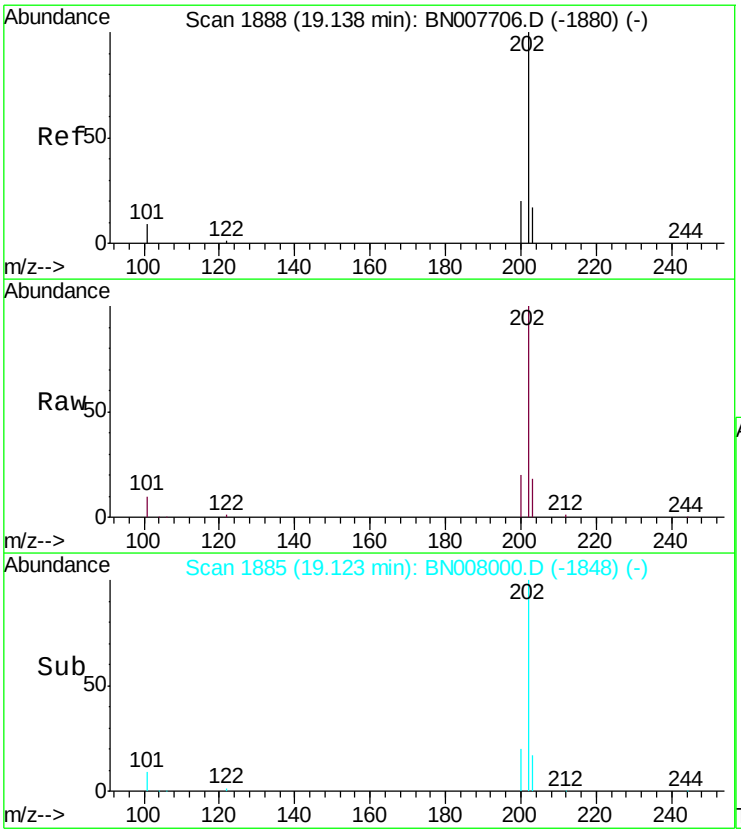
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:212 Resp: 32990

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	6.7	5.3	7.9

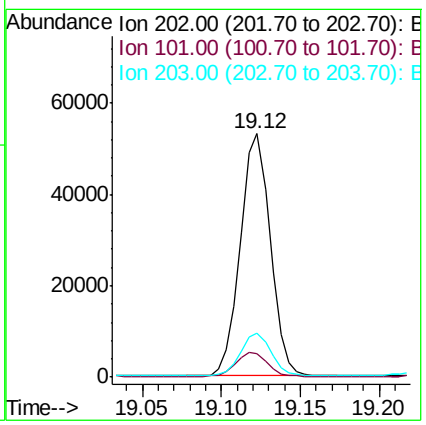


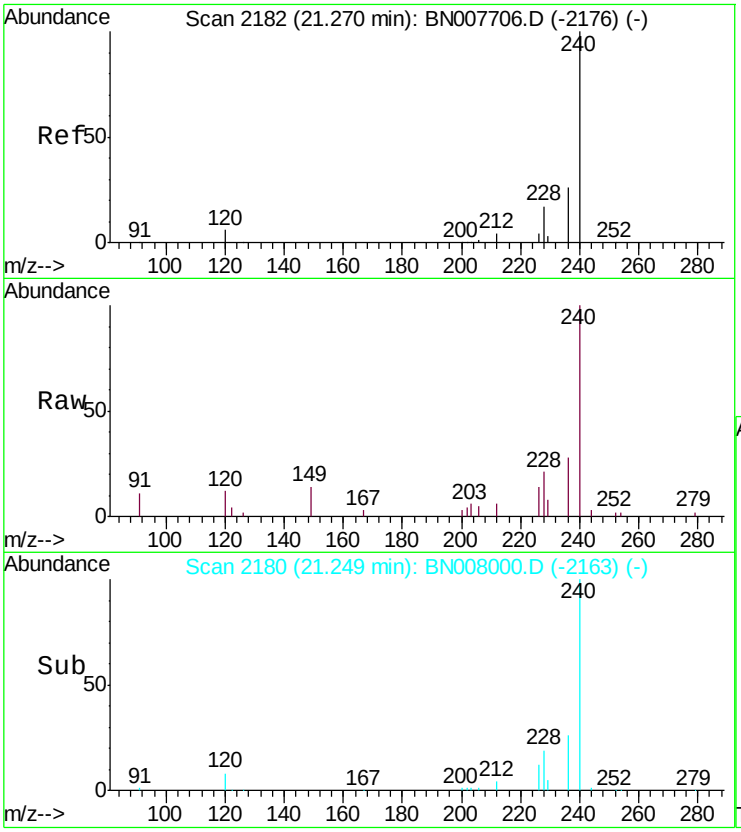


#26
Fluoranthene
Concen: 0.660 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:202 Resp: 69723

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



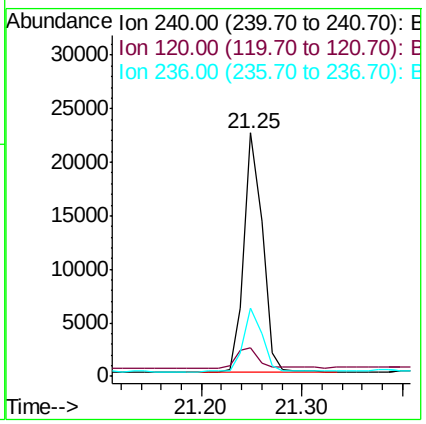


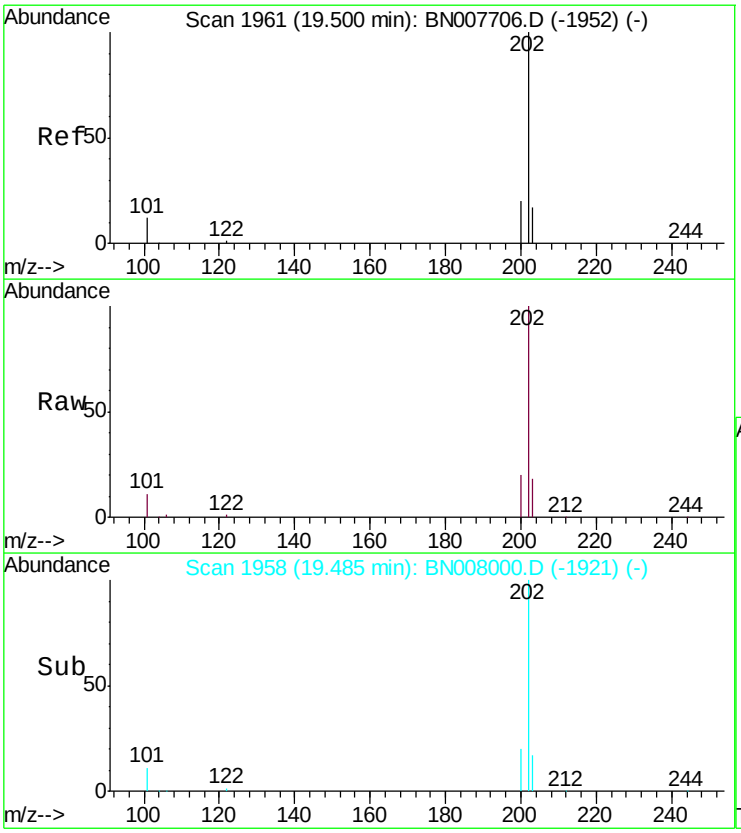
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:240 Resp: 29104

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.4	8.2#
236	27.9	21.0	31.4

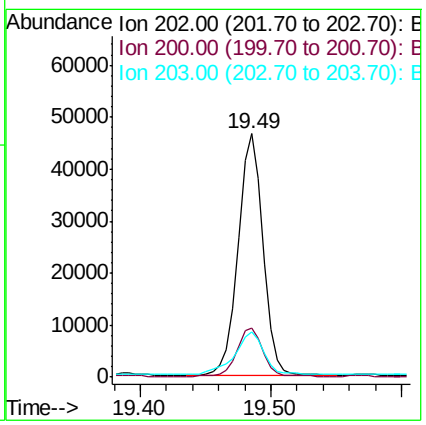


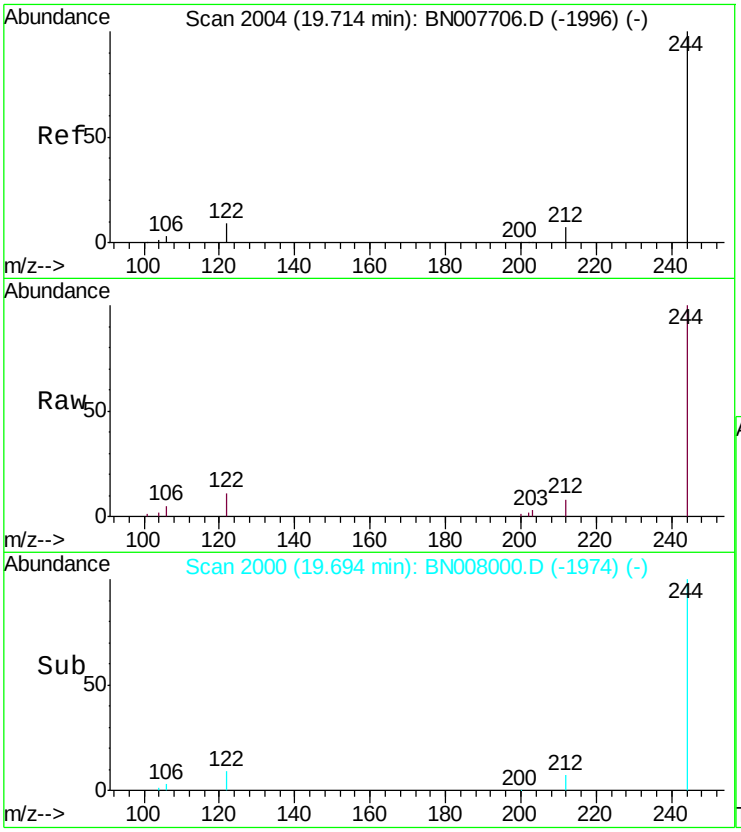


#28
Pyrene
Concen: 0.629 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:202 Resp: 62484

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	20.9	14.1	21.1



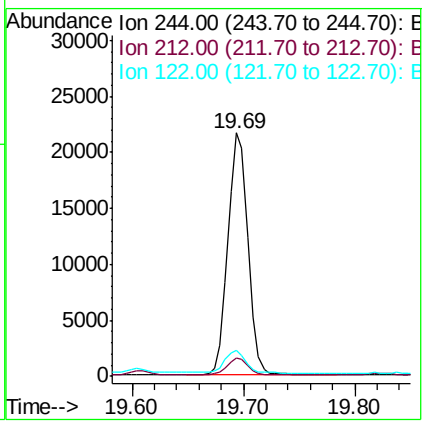


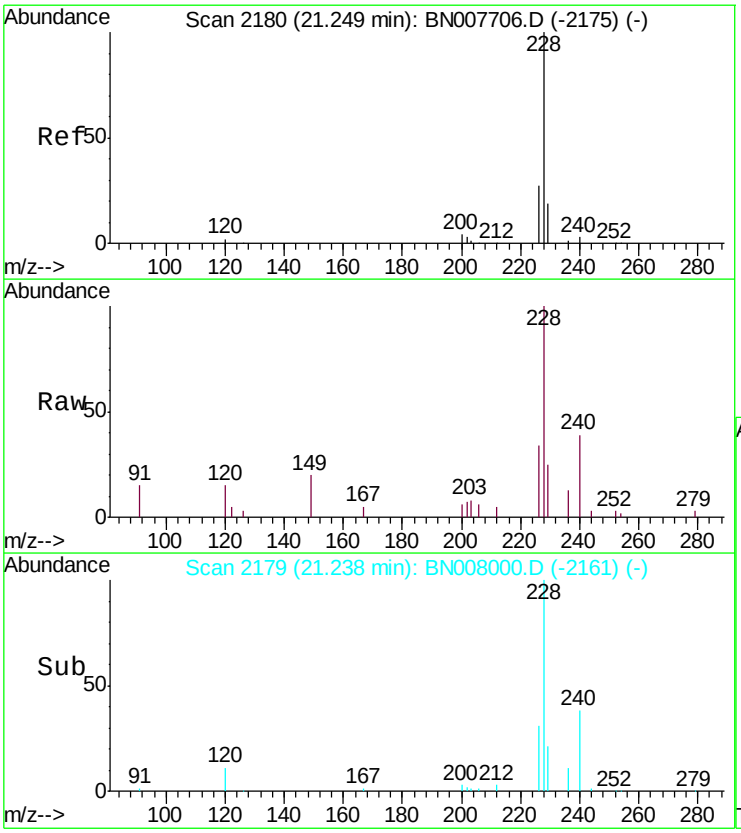
#29
Terphenyl-d14
Concen: 0.376 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:244 Resp: 26896

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.8	7.4	11.2

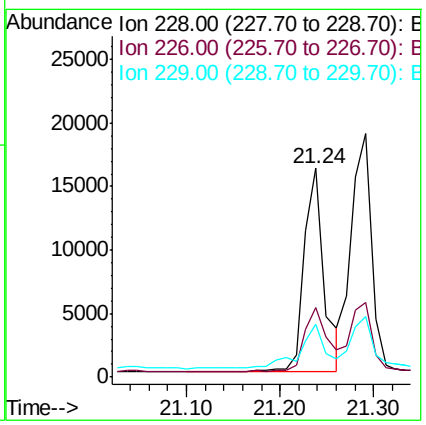


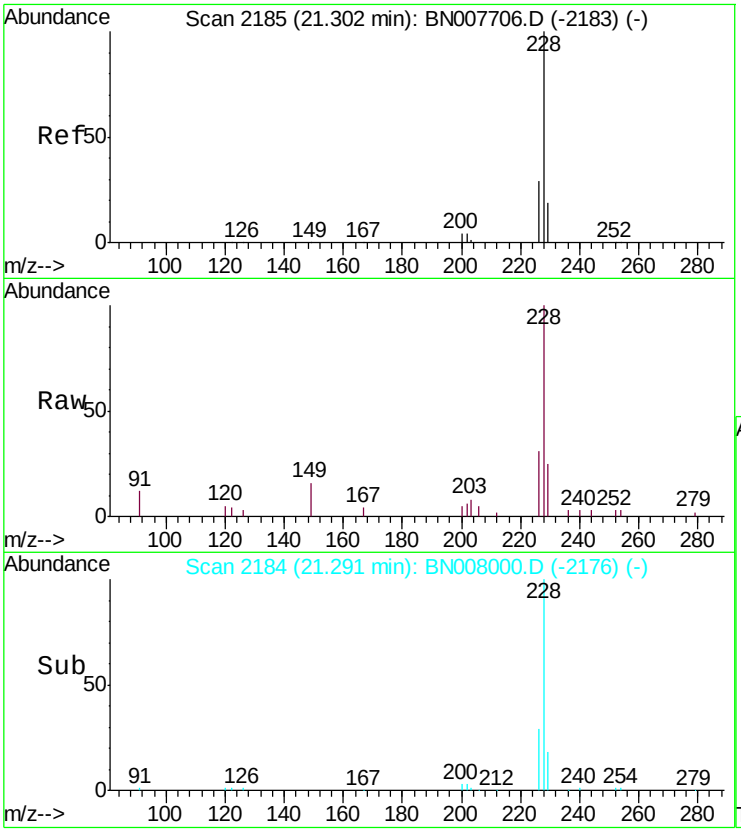


#30
Benzo(a)anthracene
Concen: 0.222 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:228 Resp: 23798

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.1	33.1#
229	25.3	15.8	23.6#



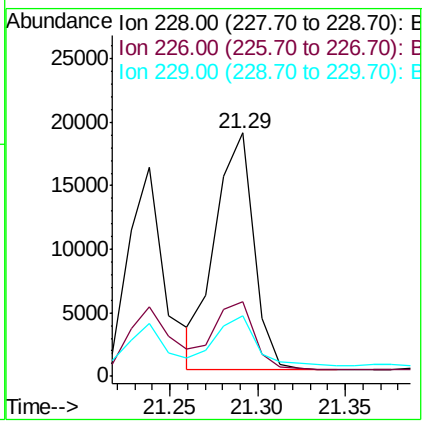


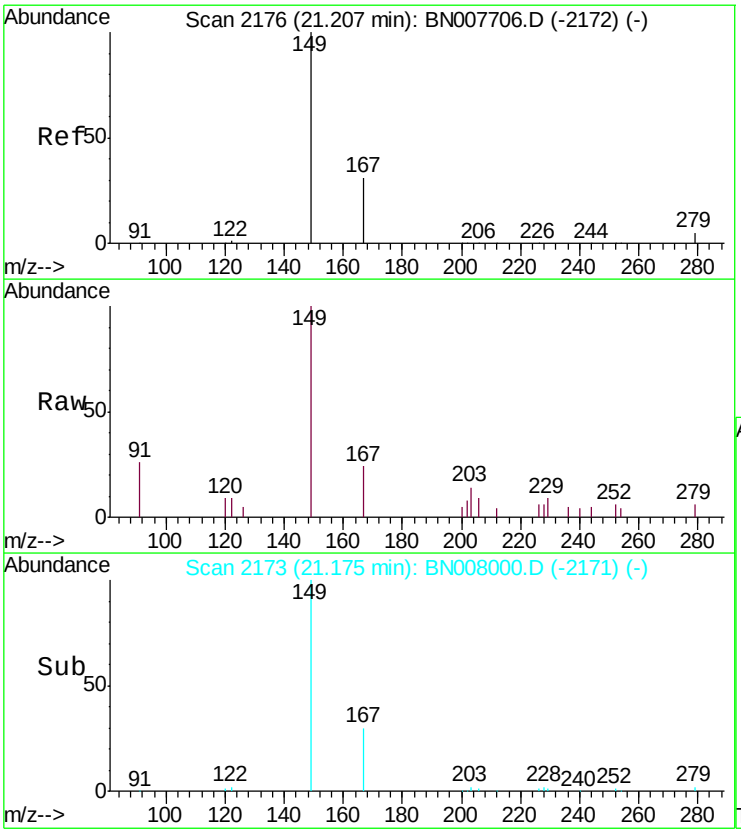
#31
Chrysene
Concen: 0.269 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:228 Resp: 28126

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	25.1	15.8	23.6#

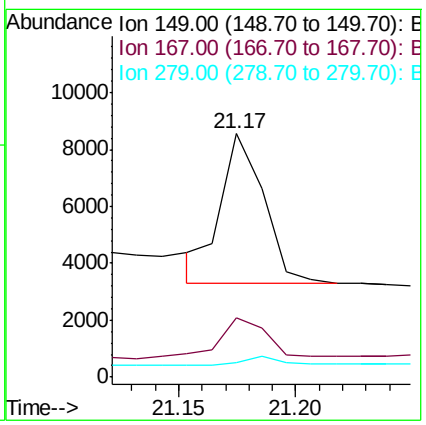


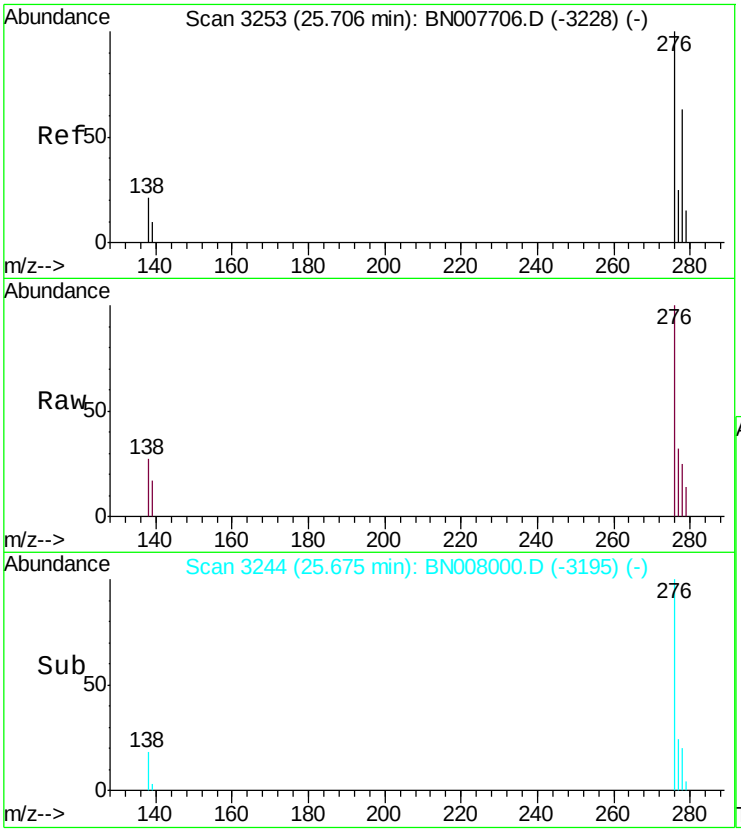


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:149 Resp: 6665

Ion	Ratio	Lower	Upper
149	100		
167	25.8	23.7	35.5
279	5.5	4.2	6.2



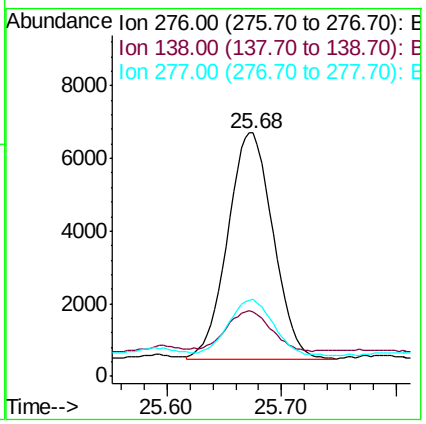


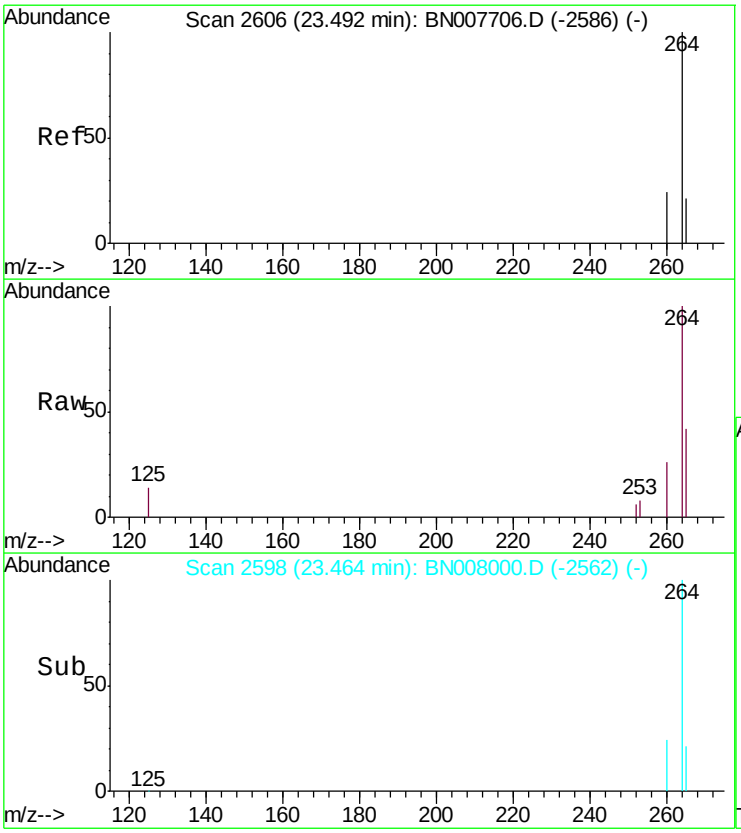
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:276 Resp: 17102

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.1	25.7
277	24.8	20.0	30.0

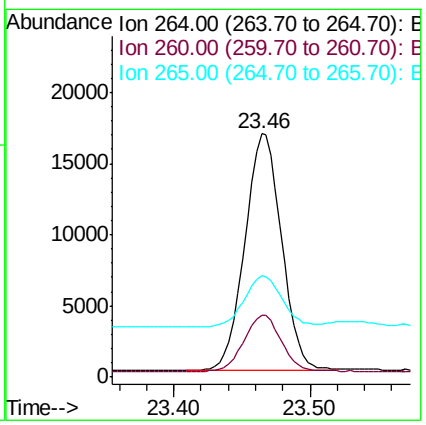


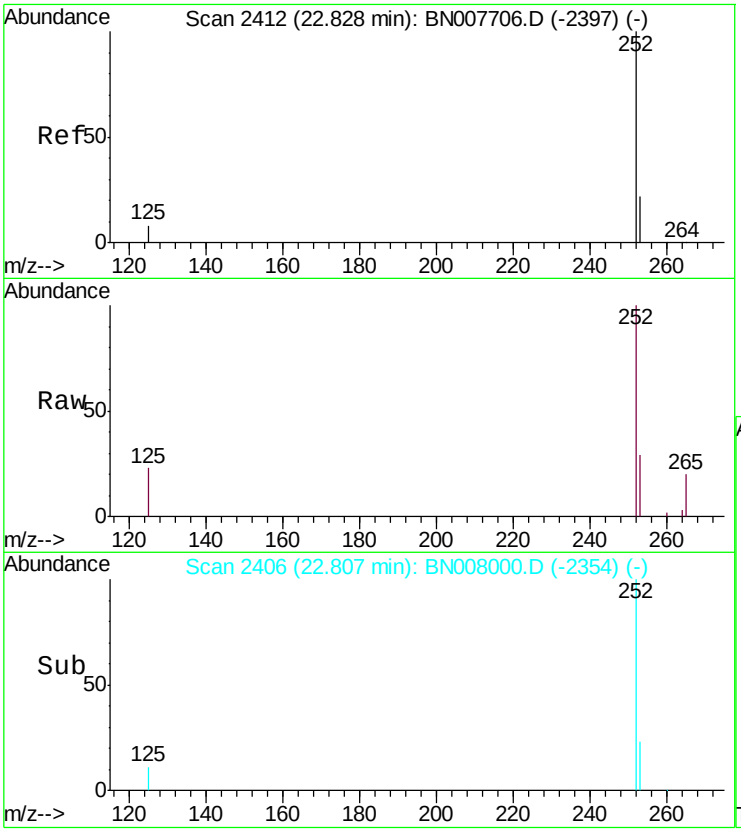


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:264 Resp: 31124

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.3	28.9
265	41.6	26.9	40.3#



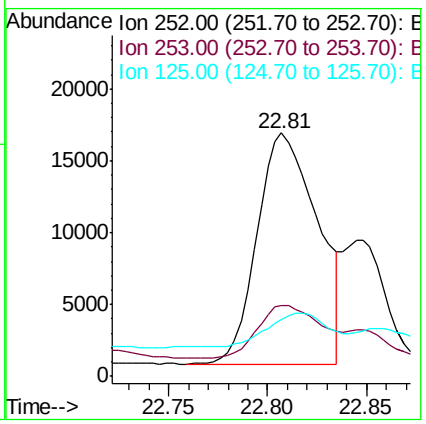


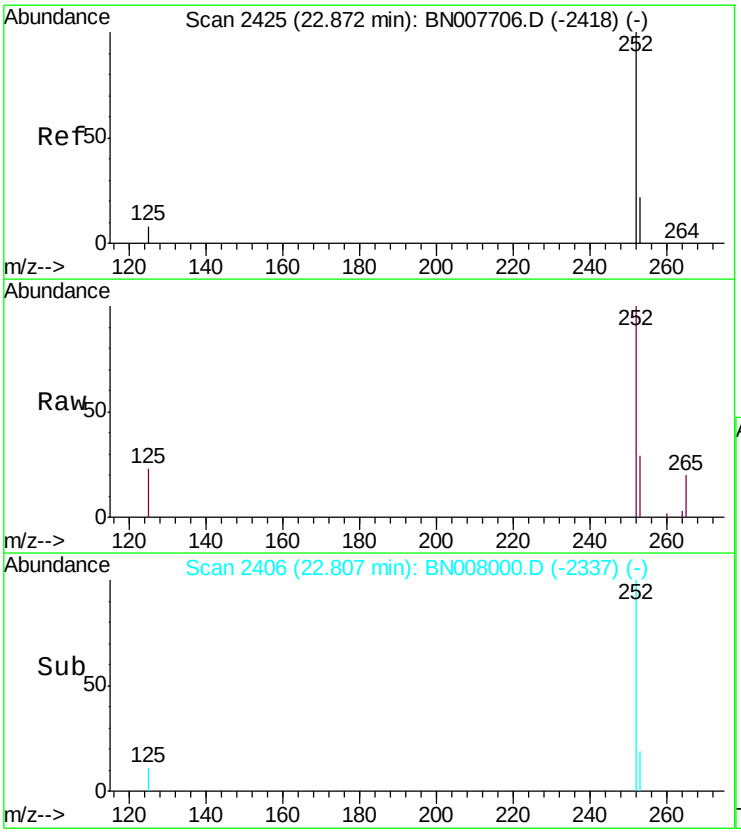
#35
Benzo(b)fluoranthene
Concen: 0.315 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:252 Resp: 34015

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.3	27.5#
125	23.1	8.2	12.4#

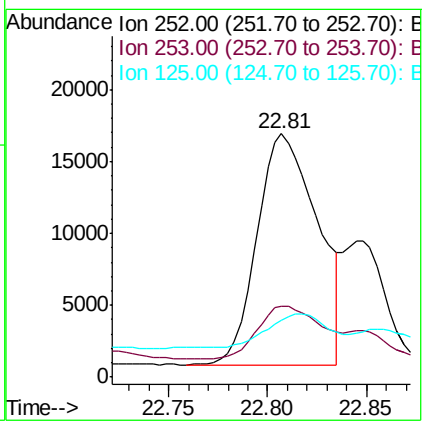


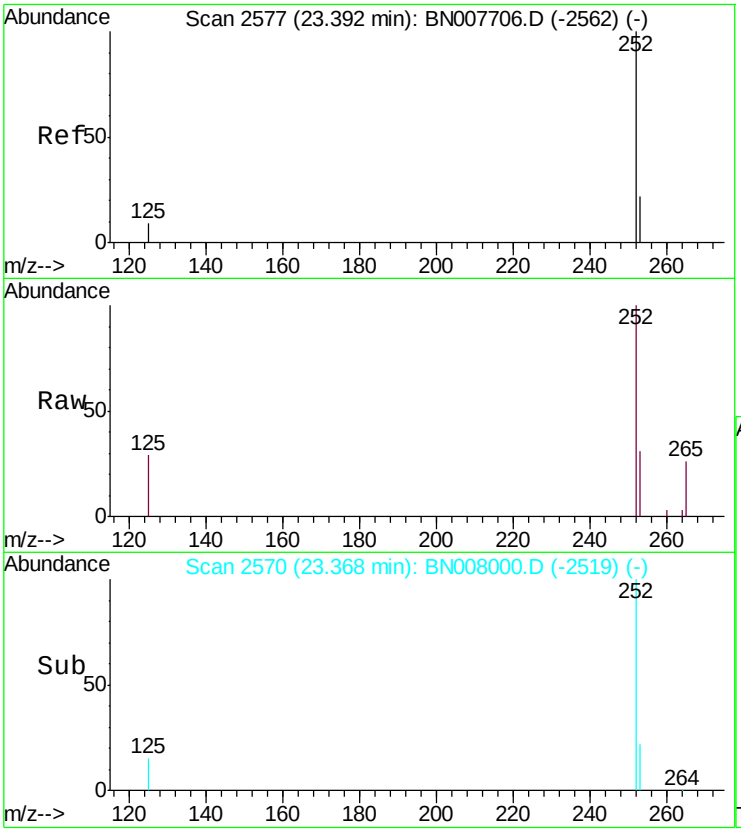


#36
Benzo(k)fluoranthene
Concen: 0.318 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:252 Resp: 34015

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.5	27.7#
125	23.1	8.4	12.6#



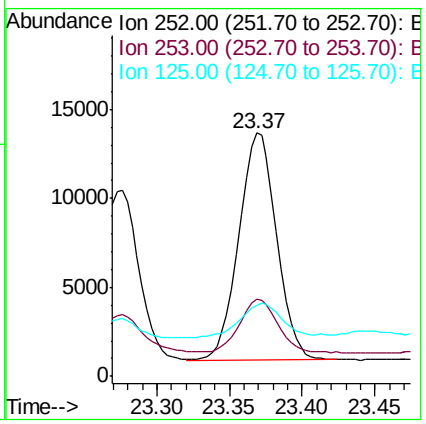


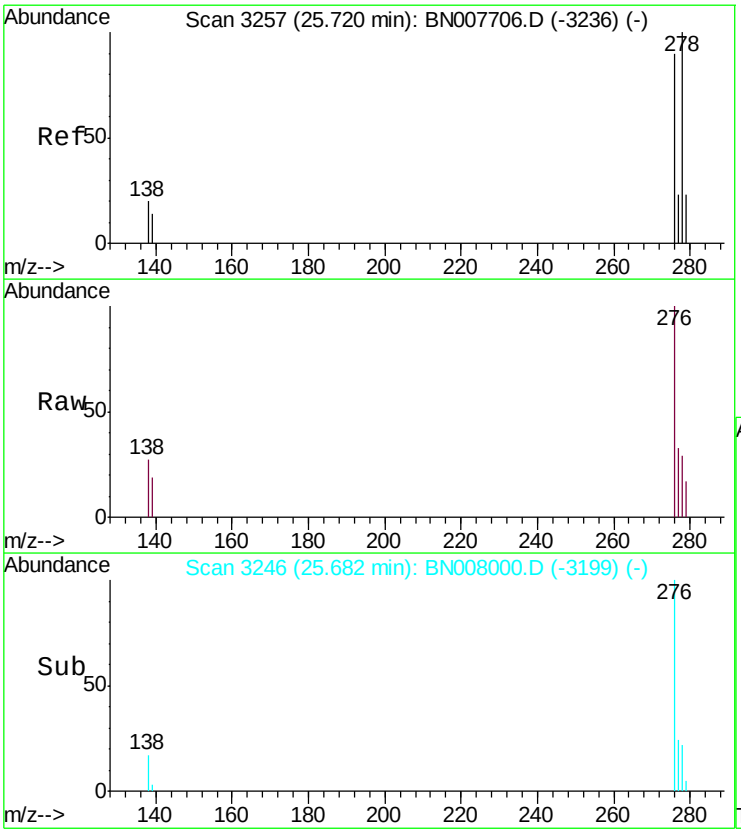
#37
Benzo(a)pyrene
Concen: 0.228 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:252 Resp: 23113

Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.6	27.8#
125	29.3	9.4	14.0#

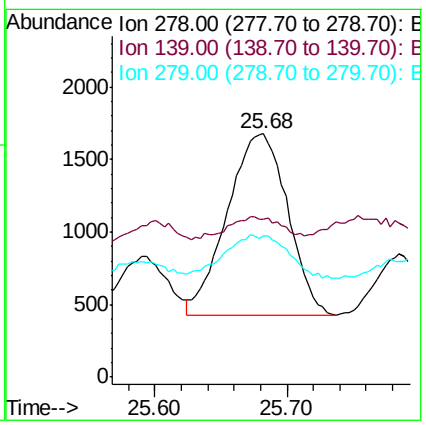


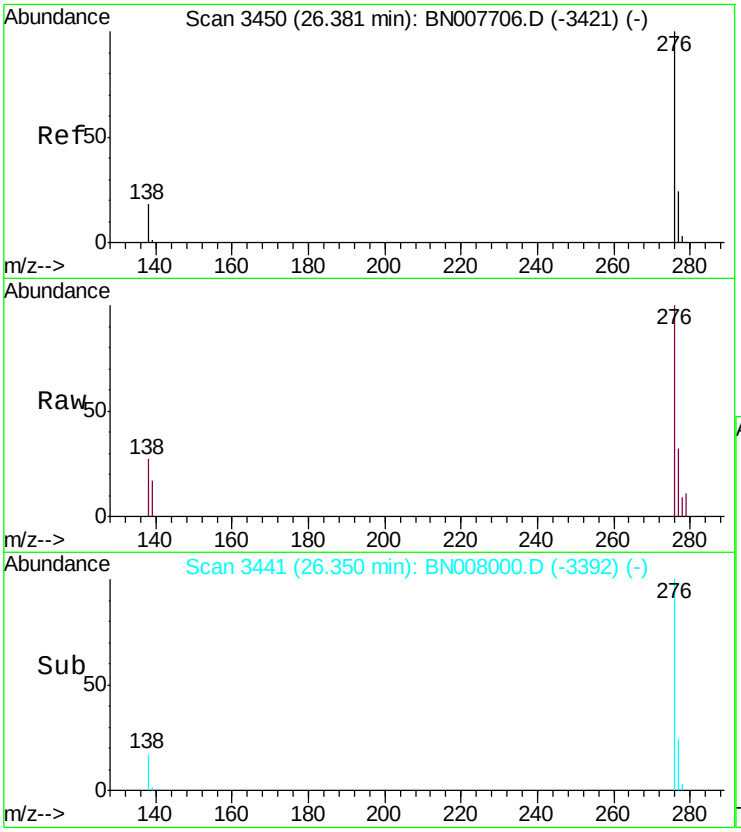


#38
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Tgt Ion:278 Resp: 3970

Ion	Ratio	Lower	Upper
278	100		
139	65.1	11.8	17.6#
279	58.1	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.164 ng
RT: 26.35 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BN008000.D
Acq: 04 Oct 2019 02:59

Instrument :
BNA_N
ClientSampleId :
PST-024-B263-092519

Tgt Ion:276 Resp: 16892

Ion	Ratio	Lower	Upper
276	100		
277	31.6	19.8	29.8#
138	26.7	15.1	22.7#