Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007891.D
Acq On : 30 Sep 2019 11:42
Operator : JU
Sample : PB123468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123468BS

Quant Time: Oct 01 06:46:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	16938	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	66432	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	38179	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	73614	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	64185	0.40	ng		-0.01
34) Perylene-d12	23.47	264	75021	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	4249	0.07	ng		0.00
5) Phenol-d6	6.87	99	3444	0.04	ng		0.00
8) Nitrobenzene-d5	8.83	82	9463	0.16	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	18753	0.17	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2376	0.11	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	24695	0.16	ng		-0.01
25) Fluoranthene-d10	19.09	212	35521	0.14	ng		-0.02
29) Terphenyl-d14	19.70	244	30874	0.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1694	0.090	ng	#	76
3) n-Nitrosodimethylamine	3.00	42	61923	7.161	ng	#	70
6) bis(2-Chloroethyl)ether	7.13	93	8687	0.181	ng		94
9) Naphthalene	10.51	128	30665	0.164	ng		100
10) Hexachlorobutadiene	10.81	225	5646	0.144	ng	#	99
12) 2-Methylnaphthalene	12.13	142	20436	0.162	ng		100
16) Acenaphthylene	14.02	152	29713	0.147	ng		100
17) Acenaphthene	14.38	154	18845	0.144	ng		97
18) Fluorene	15.36	166	23406	0.140	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	7852	0.176	ng	#	72
21) Hexachlorobenzene	16.38	284	7822	0.160	ng		99
22) Pentachlorophenol	16.72	266	3219	0.179	ng		99
23) Phenanthrene	17.10	178	38298	0.167	ng		100
24) Anthracene	17.19	178	33205	0.160	ng		99
26) Fluoranthene	19.12	202	39775	0.139	ng		100
28) Pyrene	19.49	202	40033	0.183	ng		99
30) Benzo(a)anthracene	21.24	228	36923	0.156	ng		99
31) Chrysene	21.29	228	36675	0.159	ng		100
32) Bis(2-ethylhexyl)phthalate	21.19	149	18709	0.154	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	49495	0.172	ng		100
35) Benzo(b)fluoranthene	22.81	252	40132	0.154	ng		99
36) Benzo(k)fluoranthene	22.85	252	40997	0.159	ng		99
37) Benzo(a)pyrene	23.38	252	39420	0.161	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	40529	0.162	ng		99
39) Benzo(g,h,i)perylene	26.35	276	42243	0.170	ng		99

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

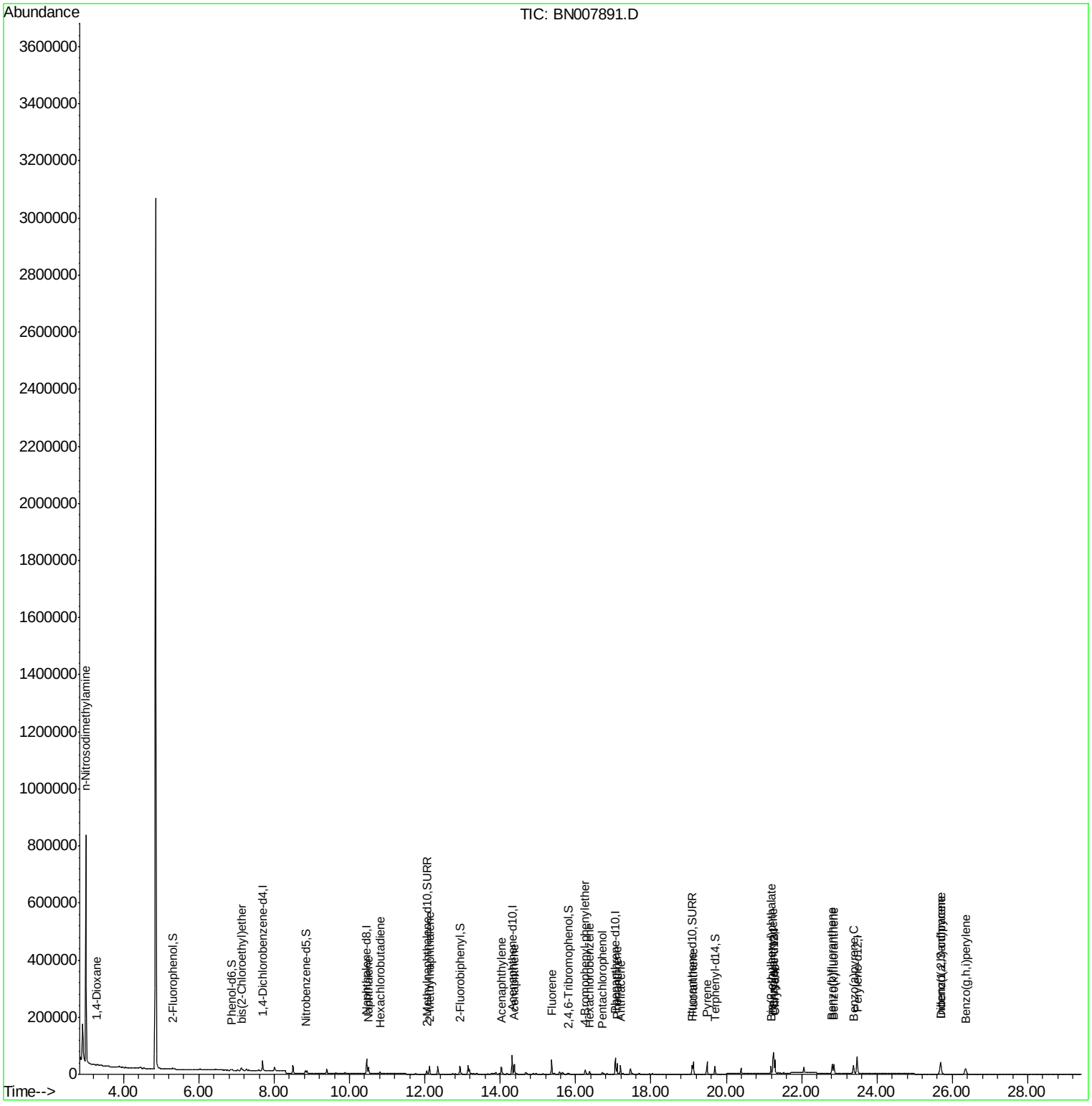
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

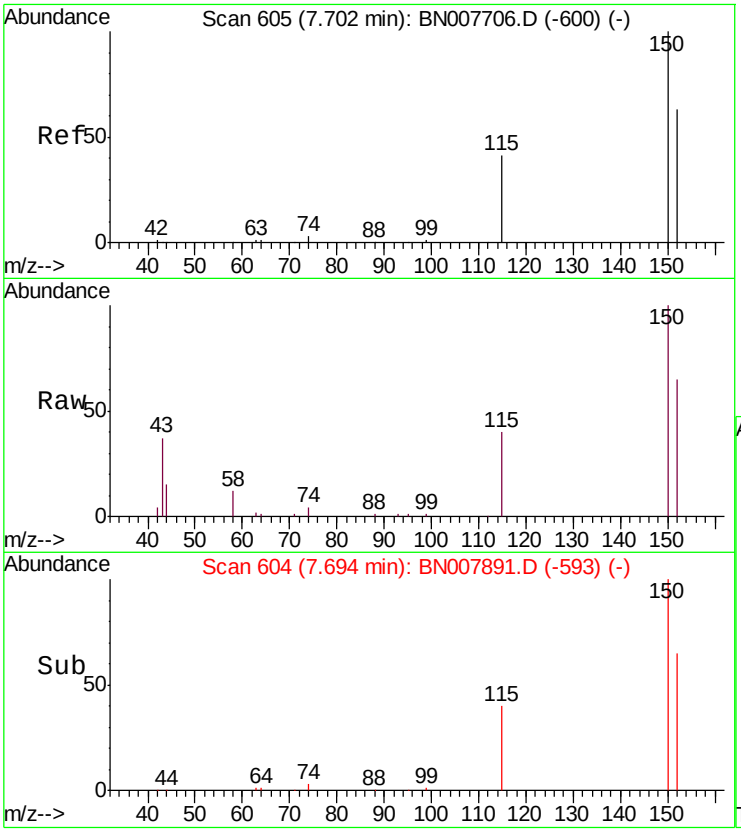
Quantitation Report (Not Reviewed)

Data File : BN007891.D
Acq On : 30 Sep 2019 11:42
Operator : JU
Sample : PB123468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Quant Time: Oct 01 06:46:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



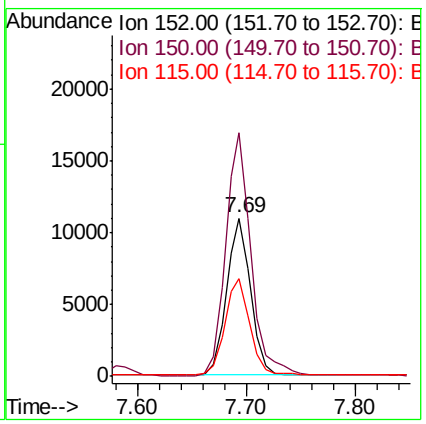


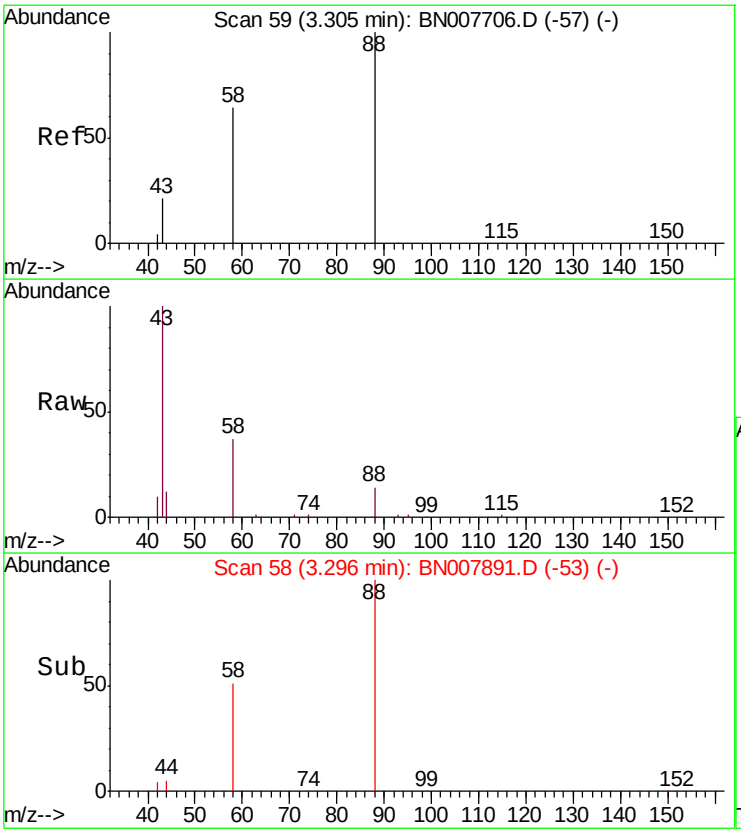
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:152 Resp: 16938

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.6	188.4
115	62.1	53.3	79.9

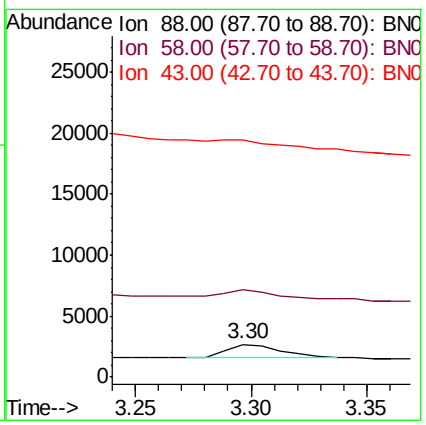


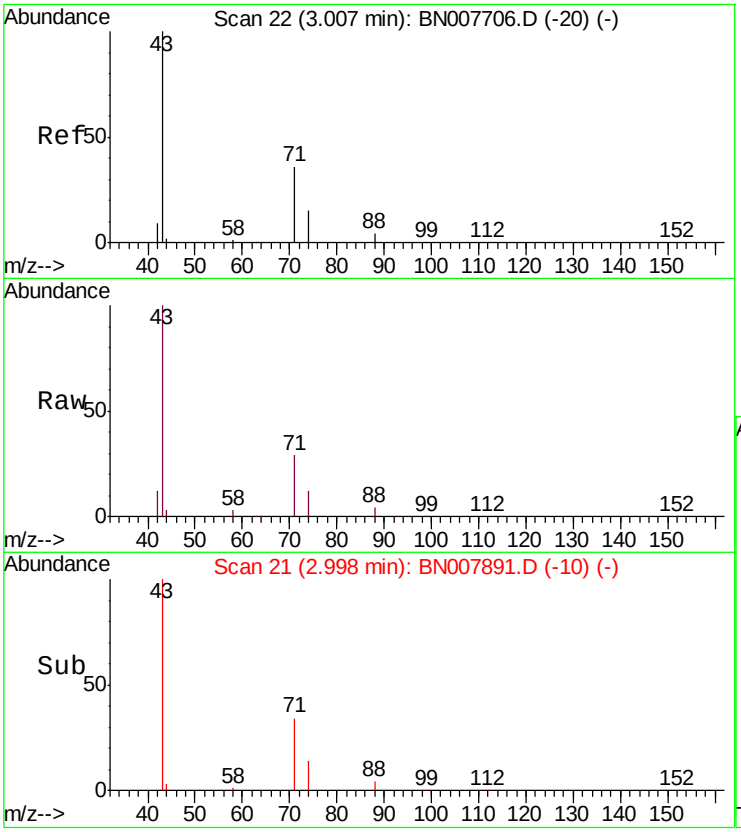


#2
1,4-Dioxane
Concen: 0.090 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion: 88 Resp: 1694

Ion	Ratio	Lower	Upper
88	100		
58	68.9	44.6	66.8#
43	0.0	14.4	21.6#



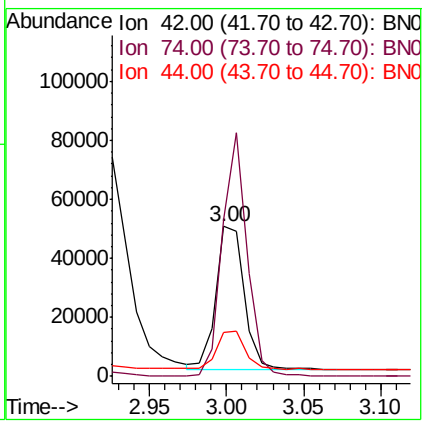


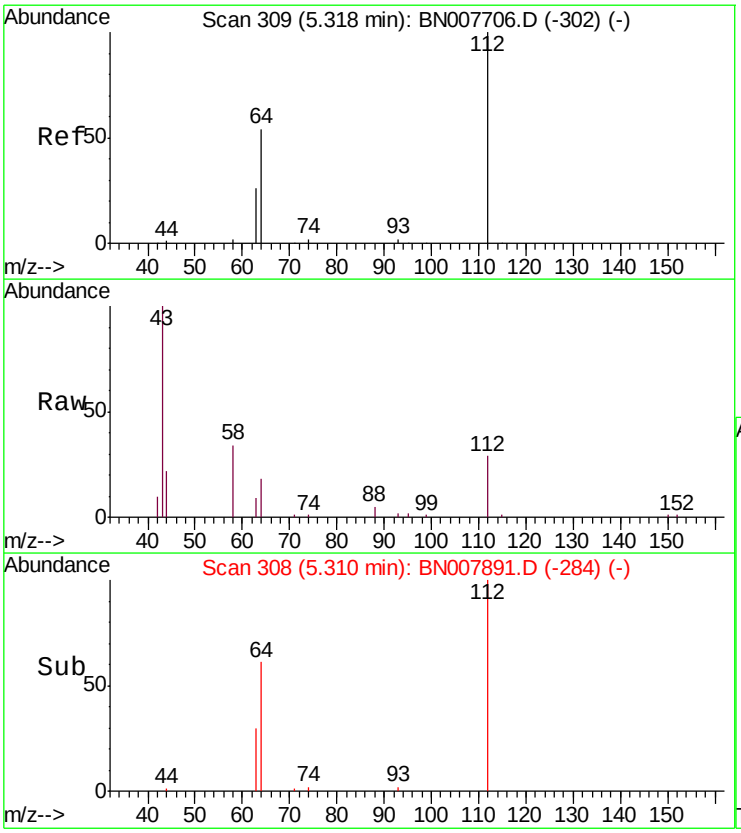
#3
n-Nitrosodimethylamine
Concen: 7.161 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion: 42 Resp: 61923

Ion	Ratio	Lower	Upper
42	100		
74	146.0	87.9	131.9#
44	27.1	29.4	44.0#

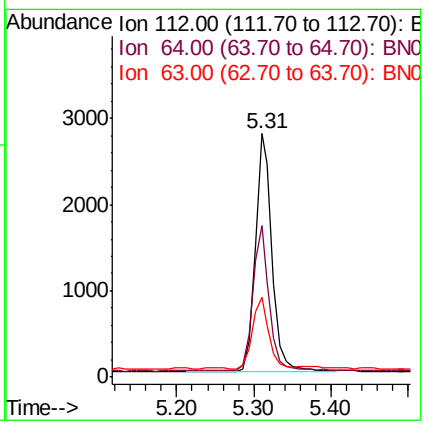


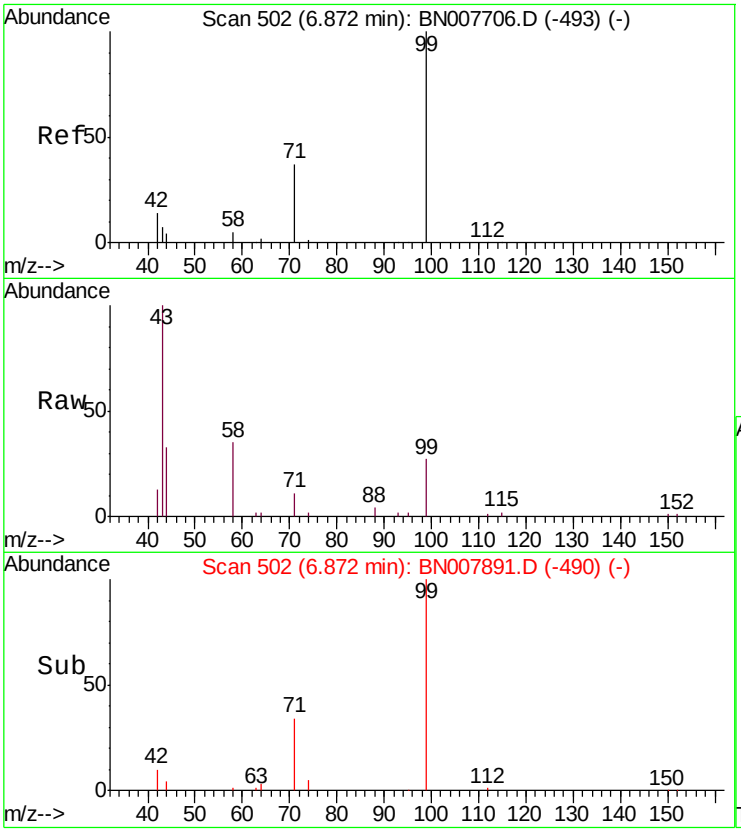


#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:112 Resp: 4249

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	28.6	23.1	34.7



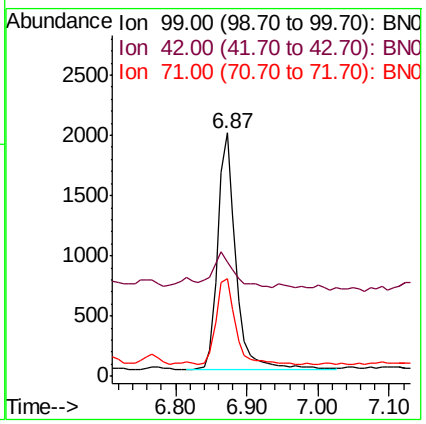


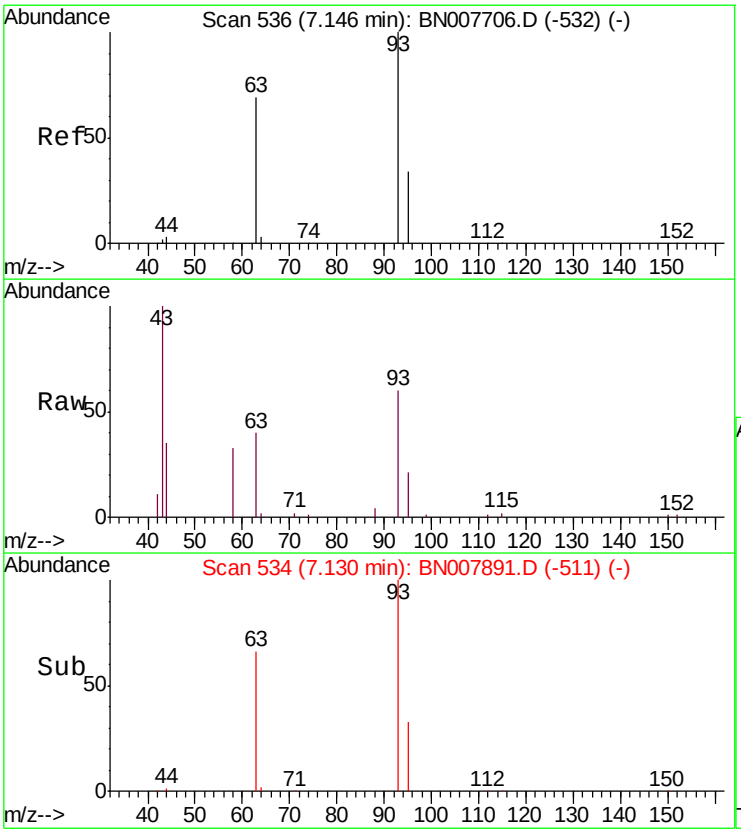
#5
Phenol-d6
Concen: 0.042 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion: 99 Resp: 3444

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.8	19.2
71	38.2	27.6	41.4

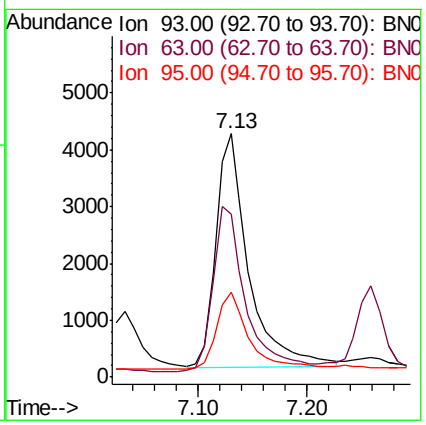


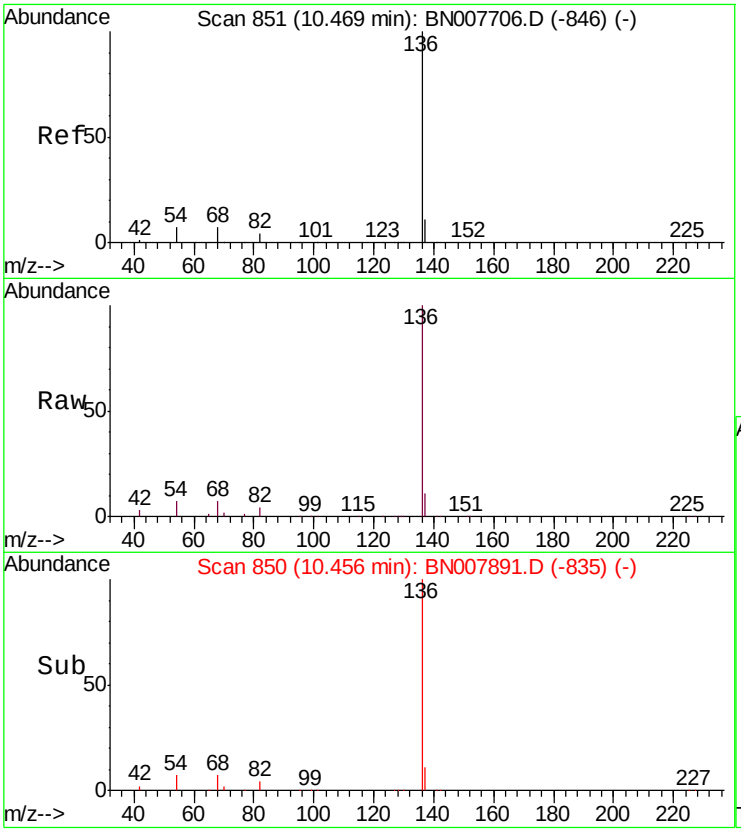


#6
bis(2-Chloroethyl)ether
Concen: 0.181 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion: 93 Resp: 8687

Ion	Ratio	Lower	Upper
93	100		
63	71.1	59.3	88.9
95	33.0	31.4	47.0



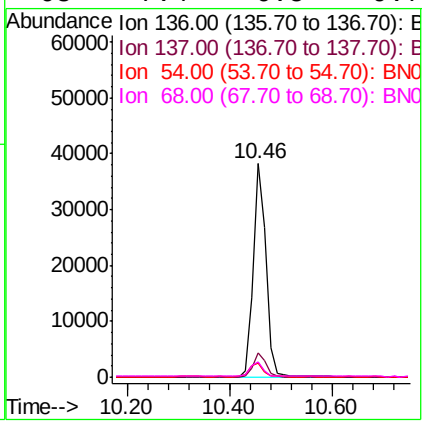


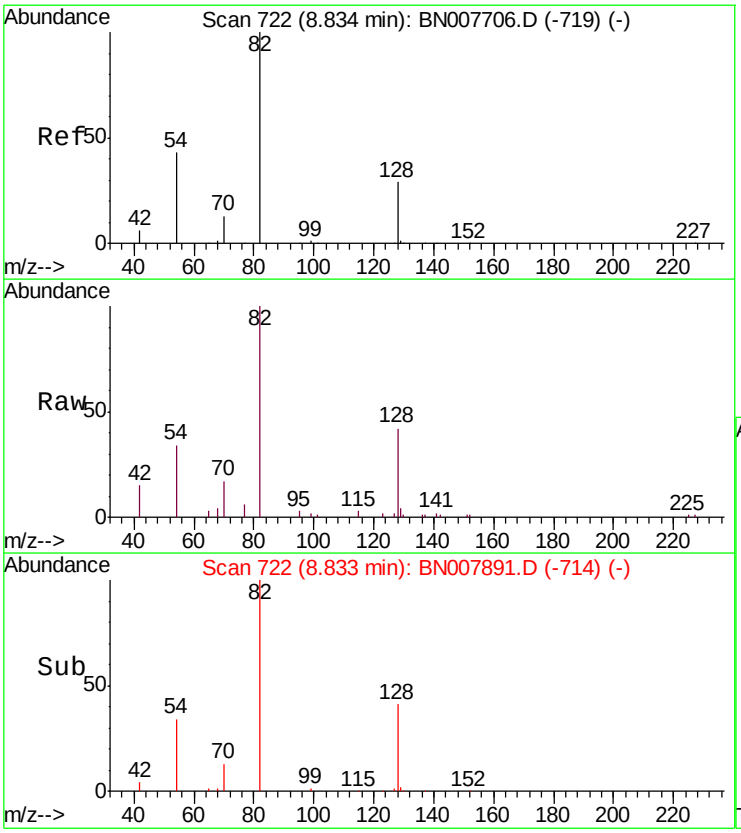
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:136 Resp: 66432

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	5.8	8.8
68	7.4	6.5	9.7

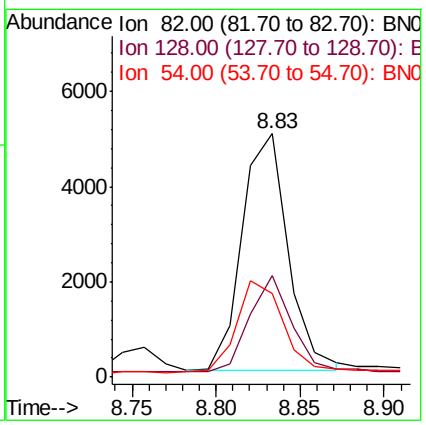


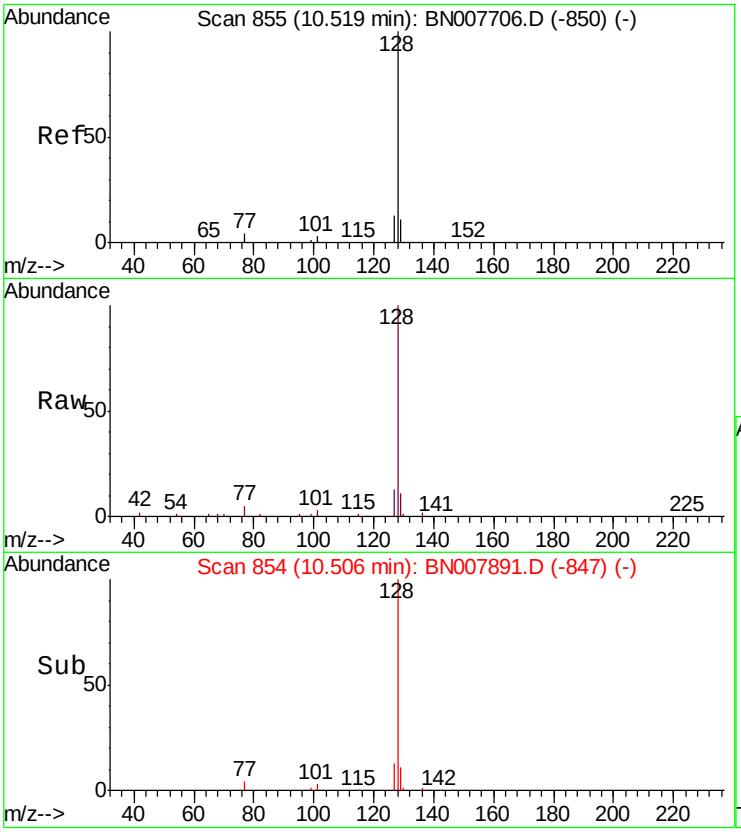


#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion: 82 Resp: 9463

Ion	Ratio	Lower	Upper
82	100		
128	41.5	24.5	36.7#
54	34.5	35.2	52.8#



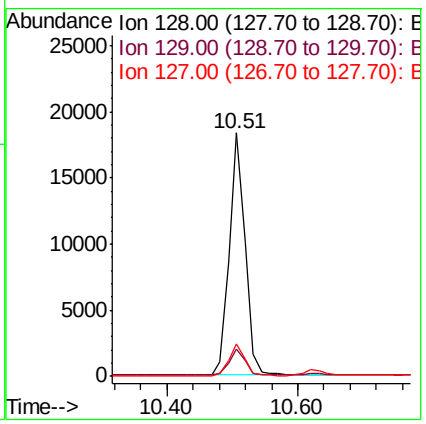


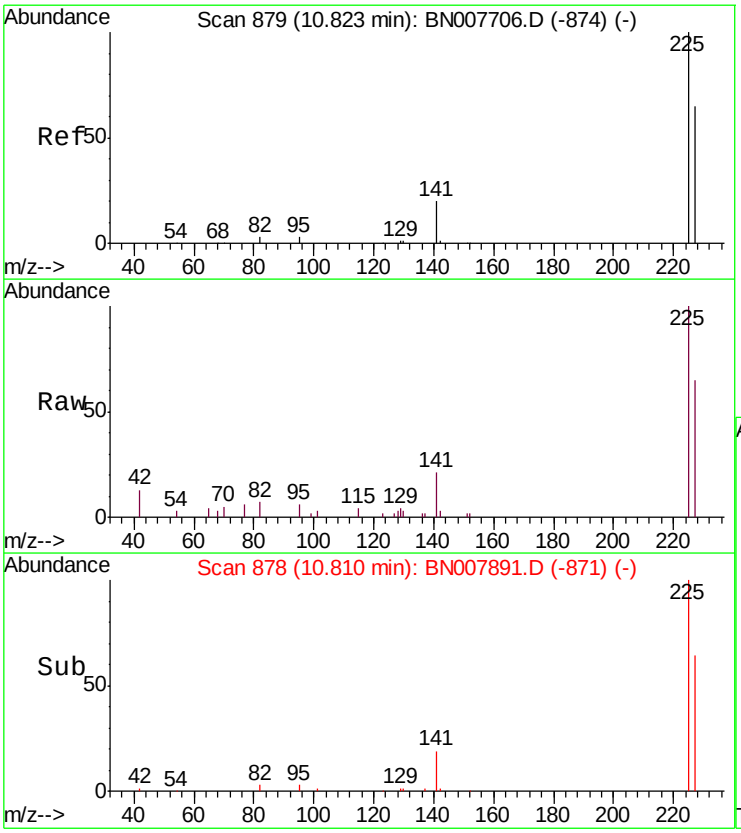
#9
Naphthalene
Concen: 0.164 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:128 Resp: 30665

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.6	15.8

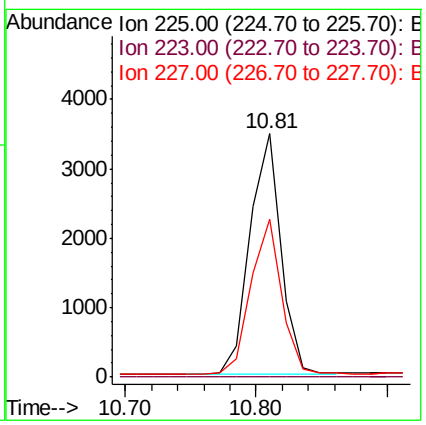


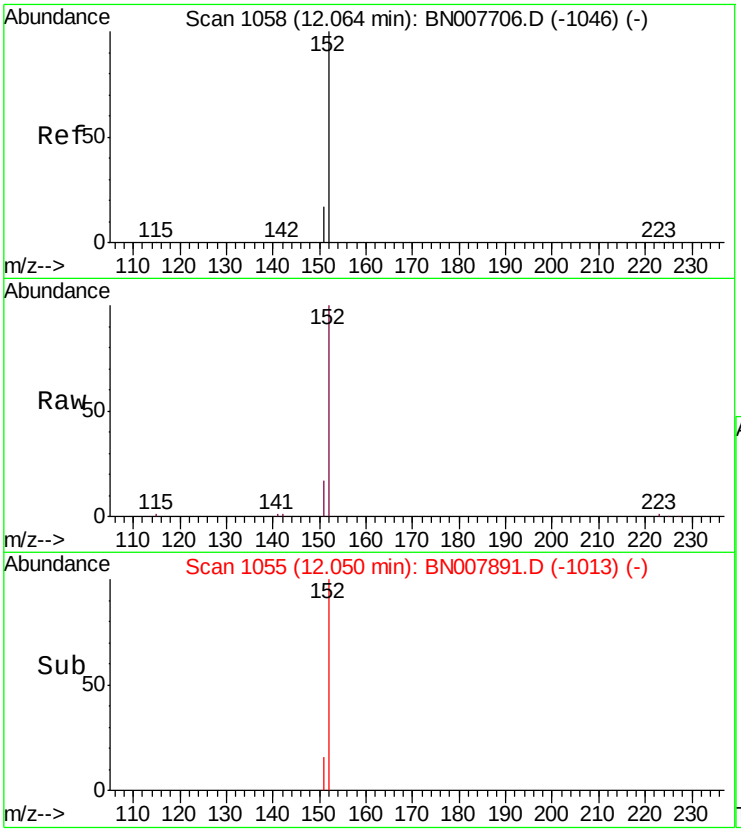


#10
Hexachlorobutadiene
Concen: 0.144 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:225 Resp: 5646

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8



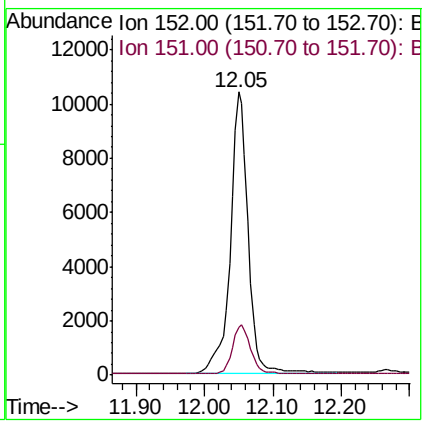


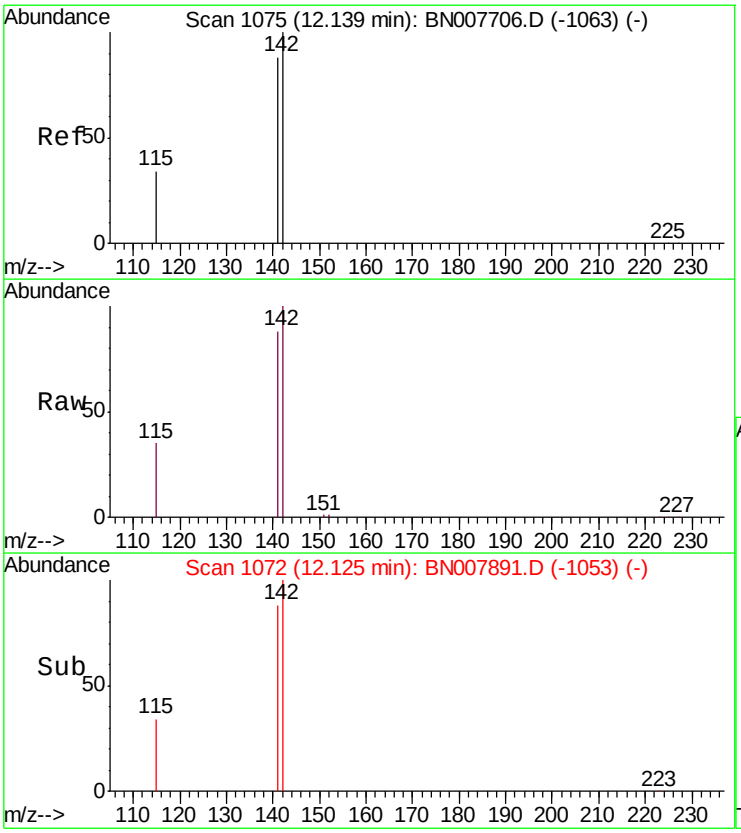
#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:152 Resp: 18753

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.4	23.2

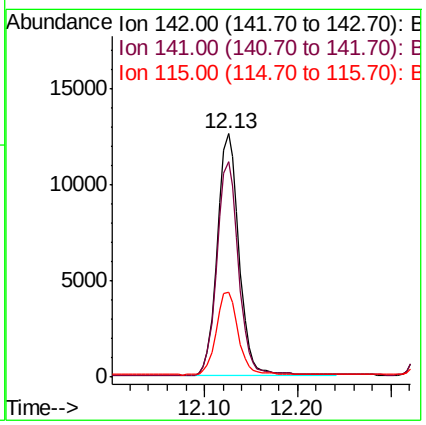


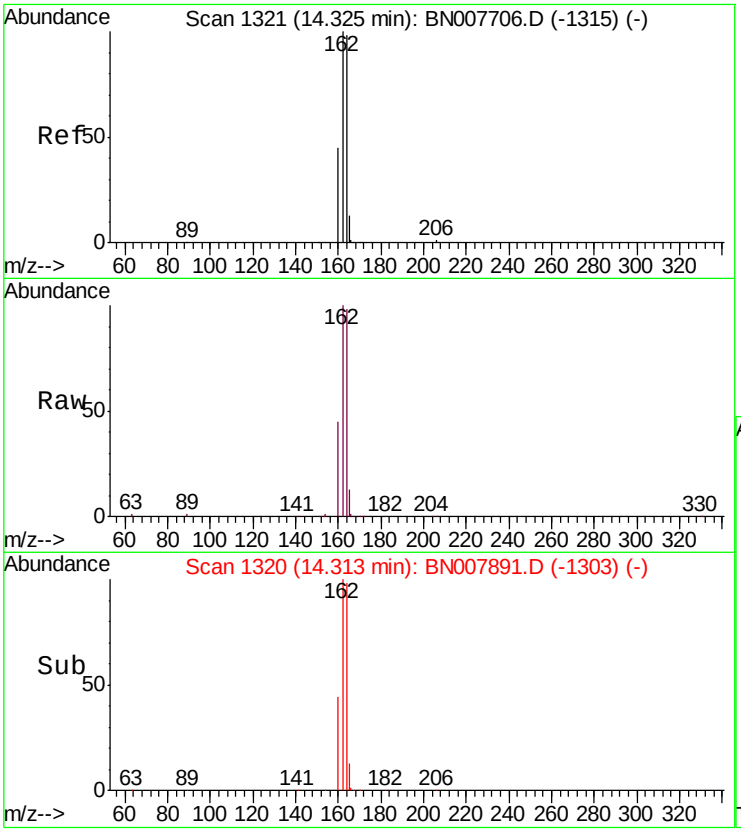


#12
2-Methylnaphthalene
Concen: 0.162 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:142 Resp: 20436

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	35.0	28.3	42.5



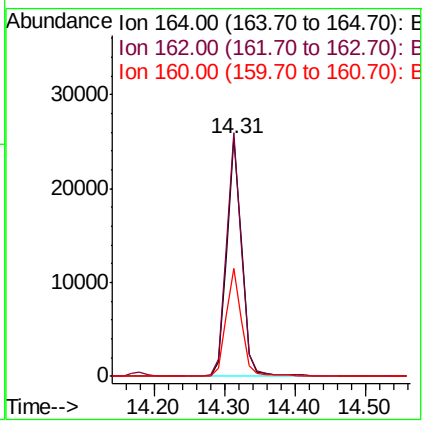


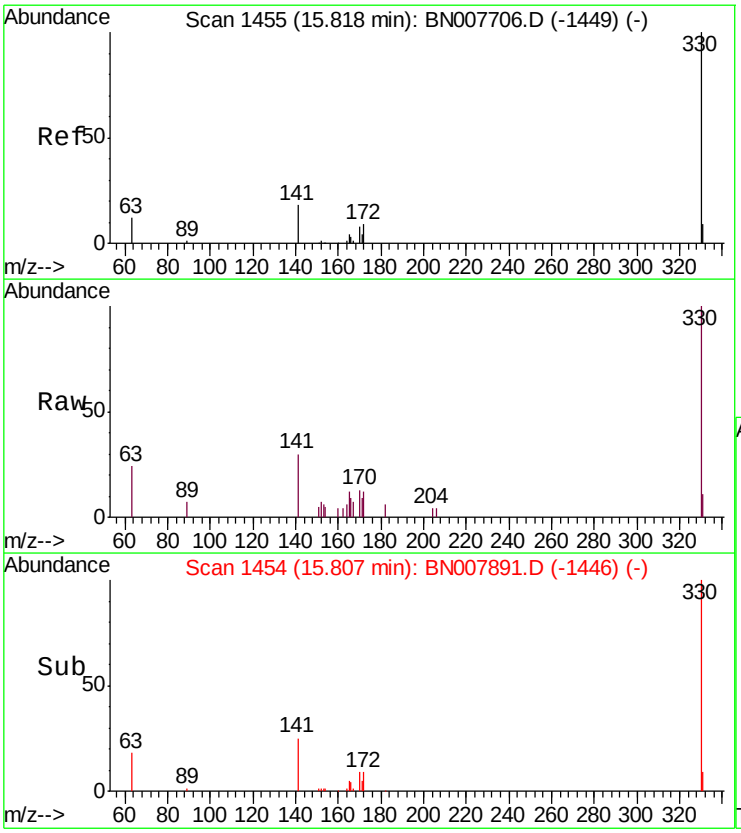
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:164 Resp: 38179

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.5	37.0	55.4

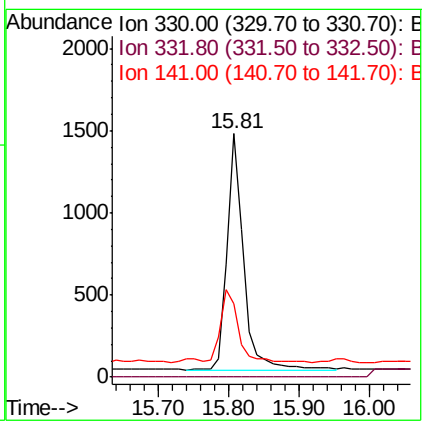


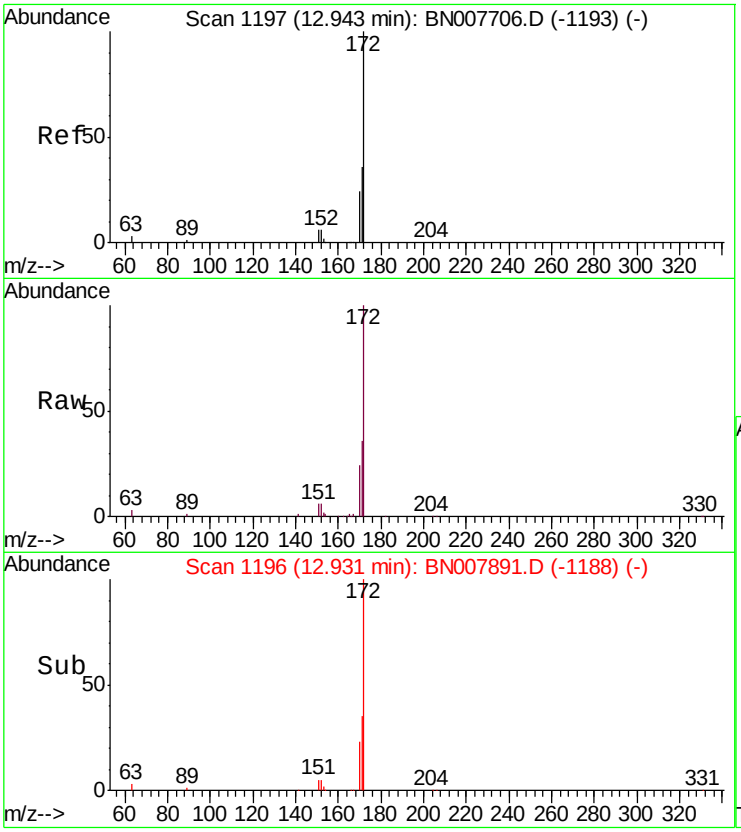


#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:330 Resp: 2376

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.8	28.7	43.1



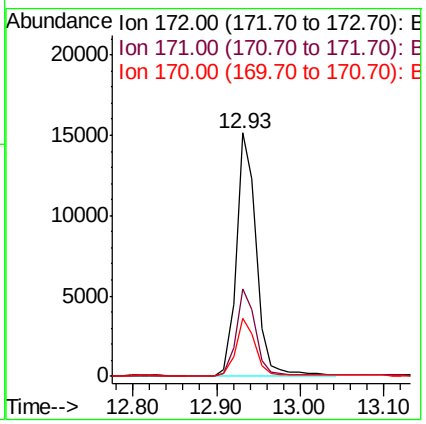


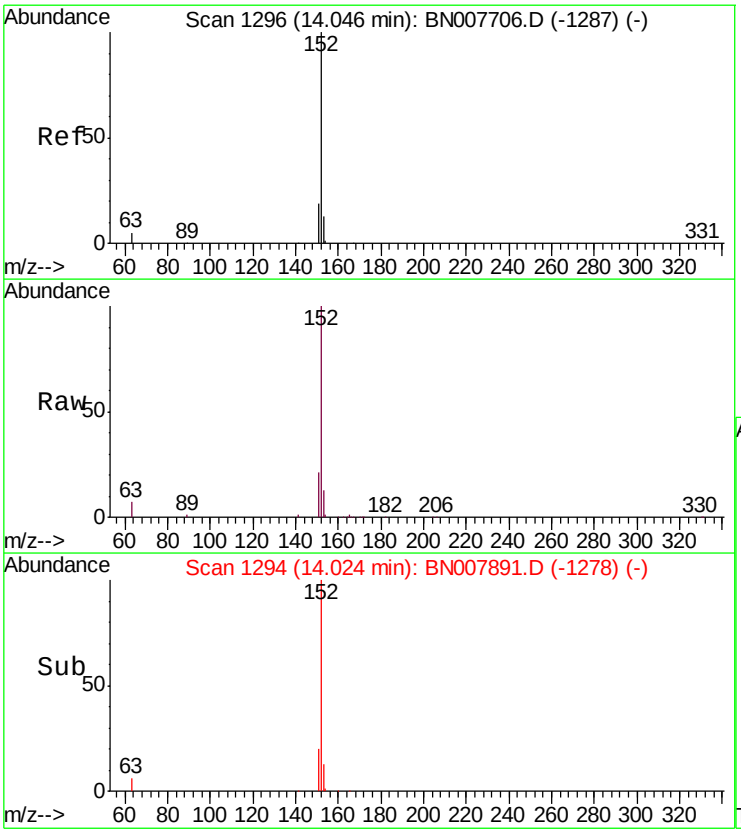
#15
2-Fluorobiphenyl
Concen: 0.157 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:172 Resp: 24695

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	19.5	29.3

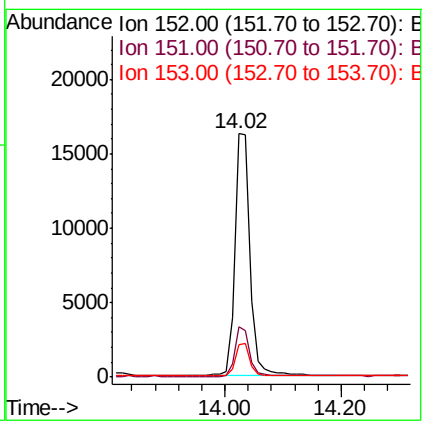


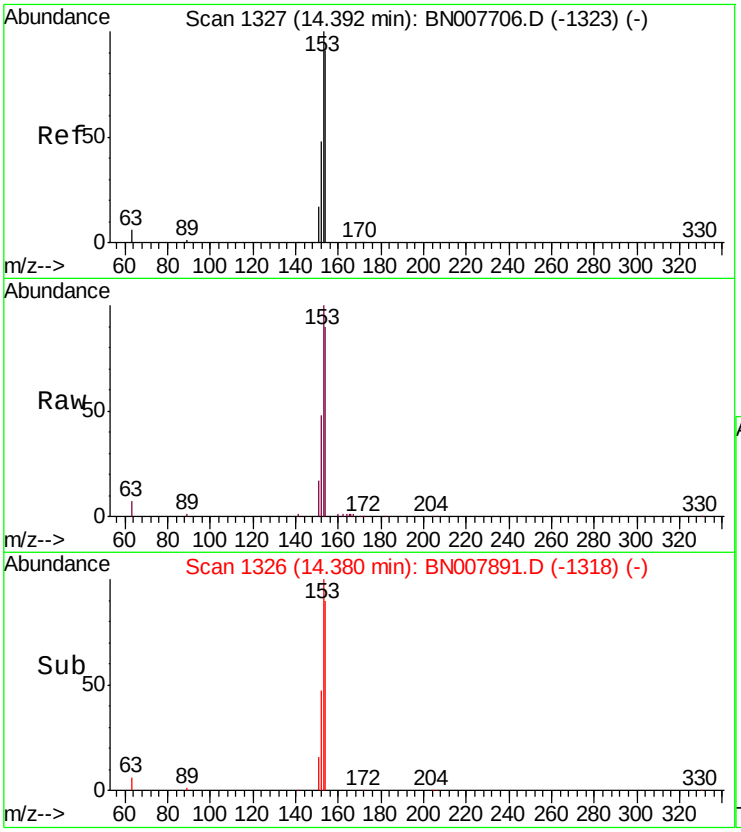


#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:152 Resp: 29713

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.4	15.6



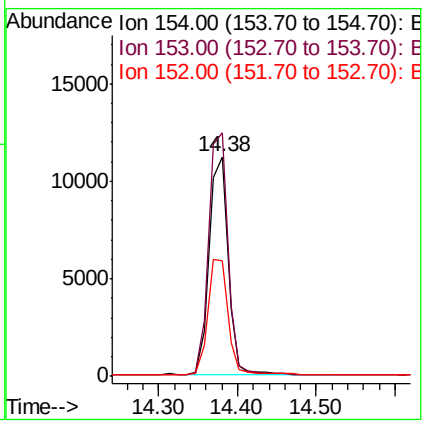


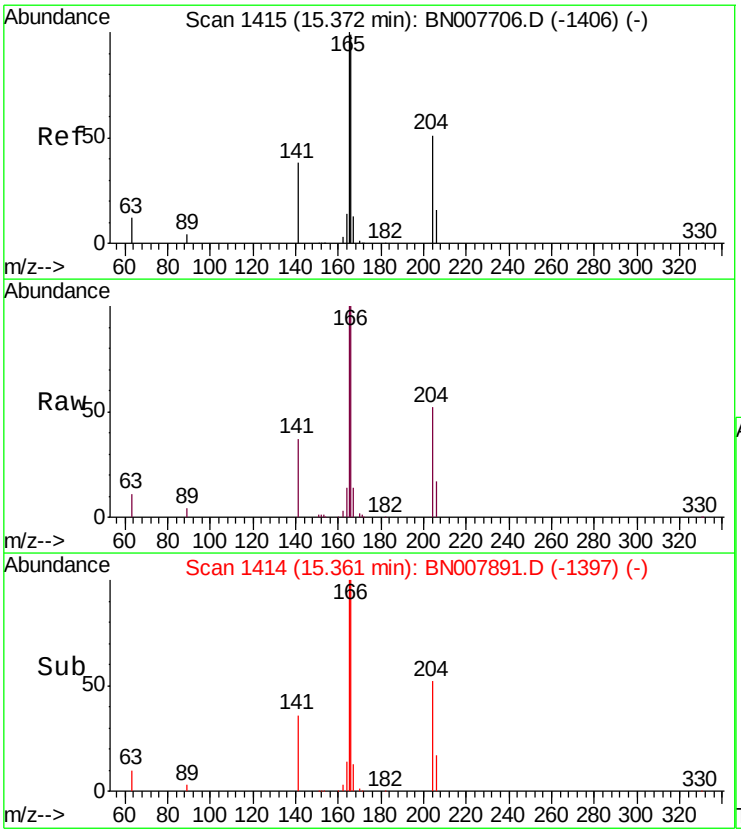
#17
Acenaphthene
Concen: 0.144 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:154 Resp: 18845

Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.0	130.4
152	55.0	42.7	64.1

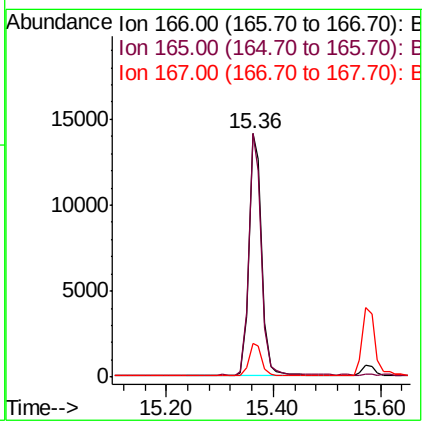


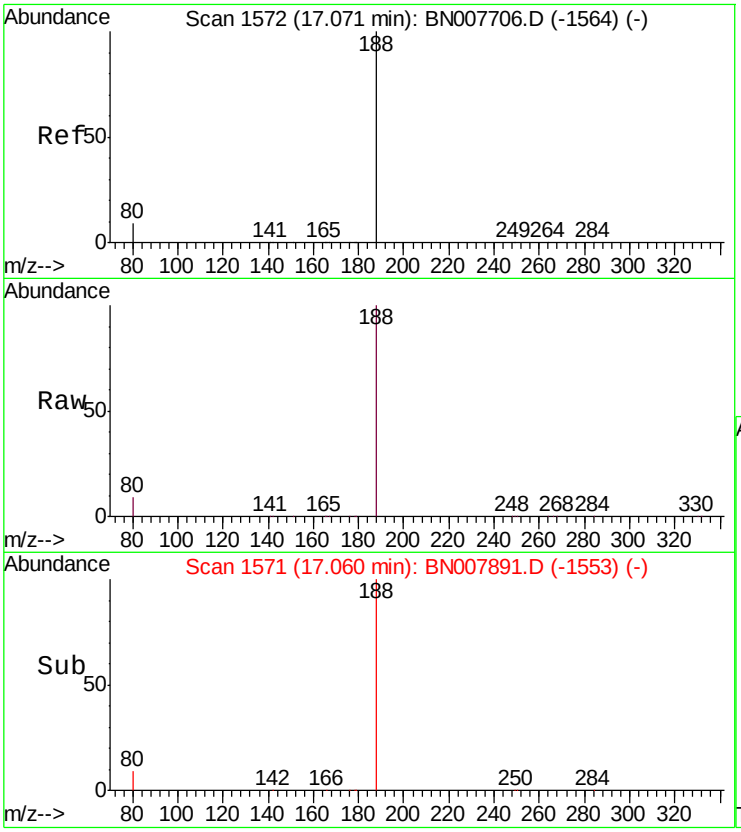


#18
Fluorene
Concen: 0.140 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:166 Resp: 23406

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	13.7	10.9	16.3



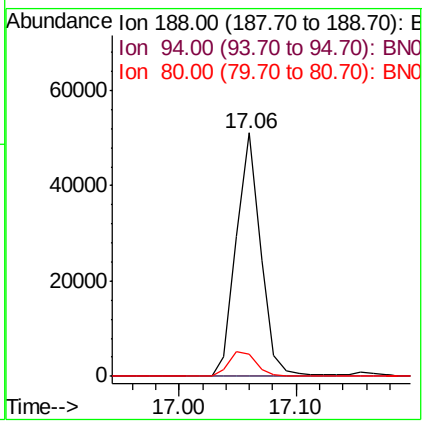


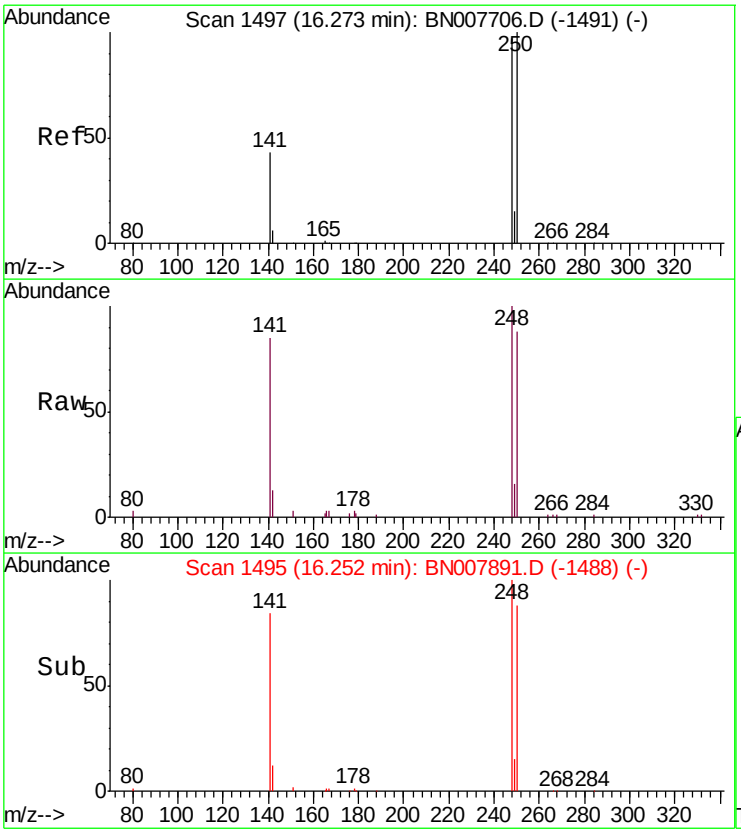
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:188 Resp: 73614

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

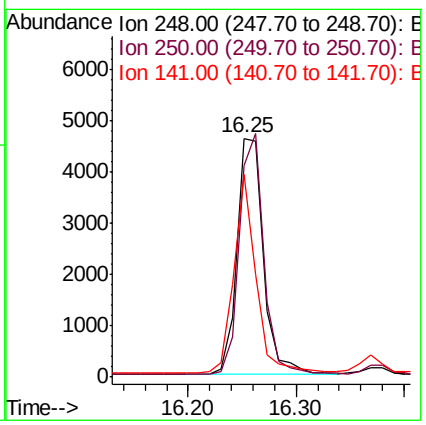


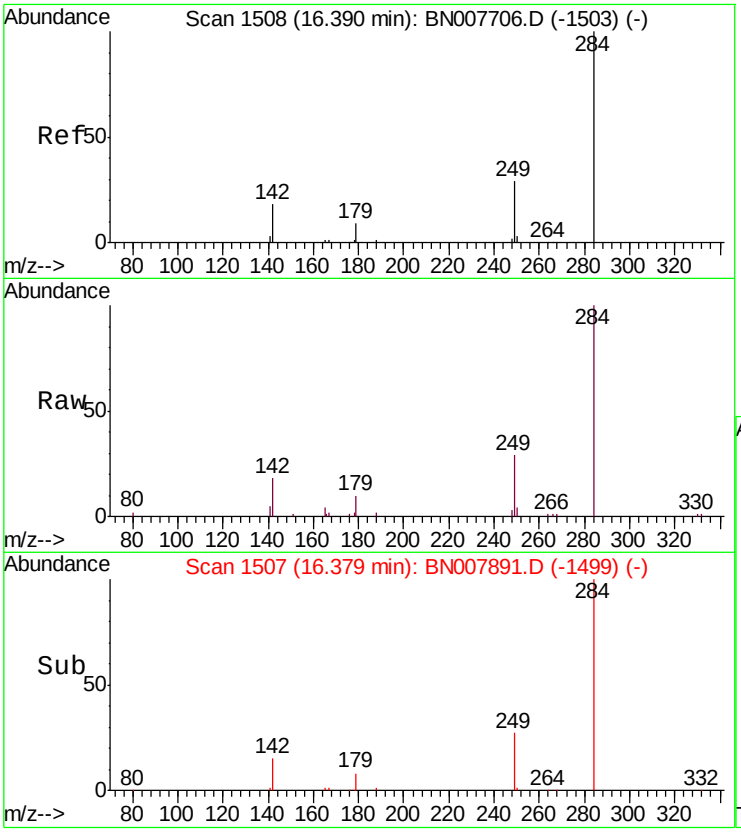


#20
4-Bromophenyl-phenylether
Concen: 0.176 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:248 Resp: 7852

Ion	Ratio	Lower	Upper
248	100		
250	88.3	82.2	123.4
141	84.8	36.3	54.5#



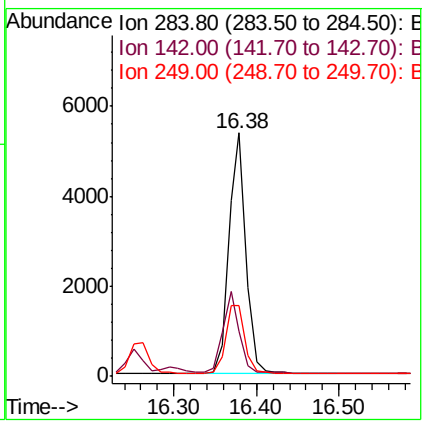


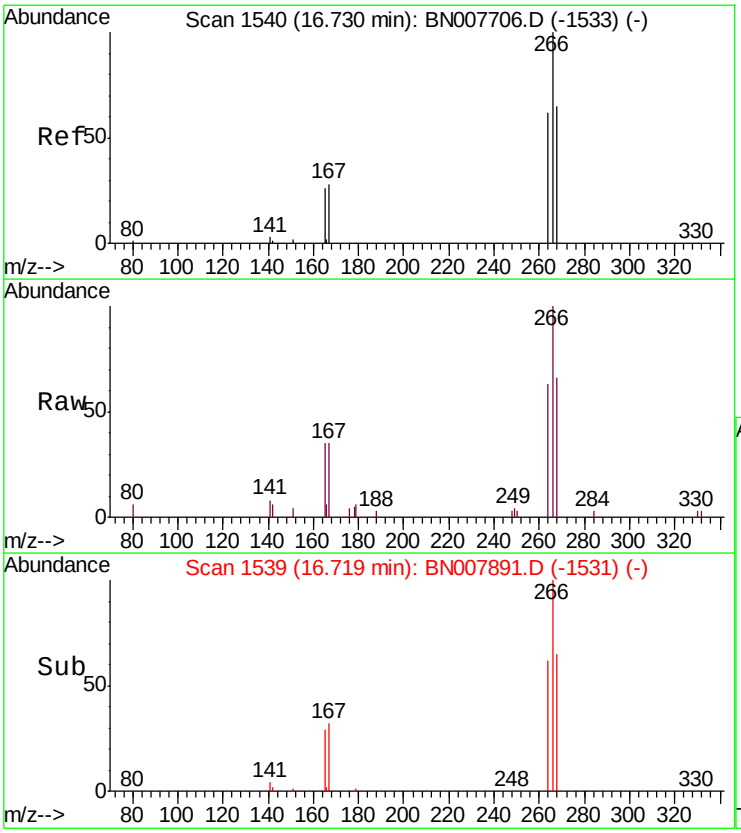
#21
Hexachlorobenzene
Concen: 0.160 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:284 Resp: 7822

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.8	38.6
249	31.8	25.9	38.9

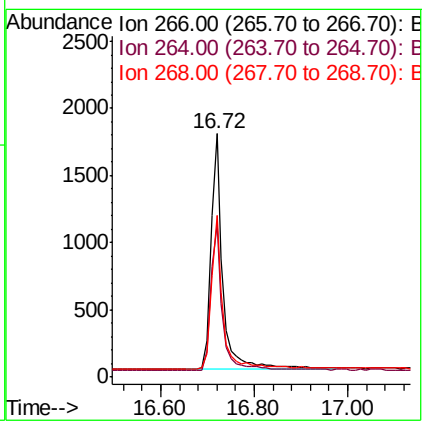


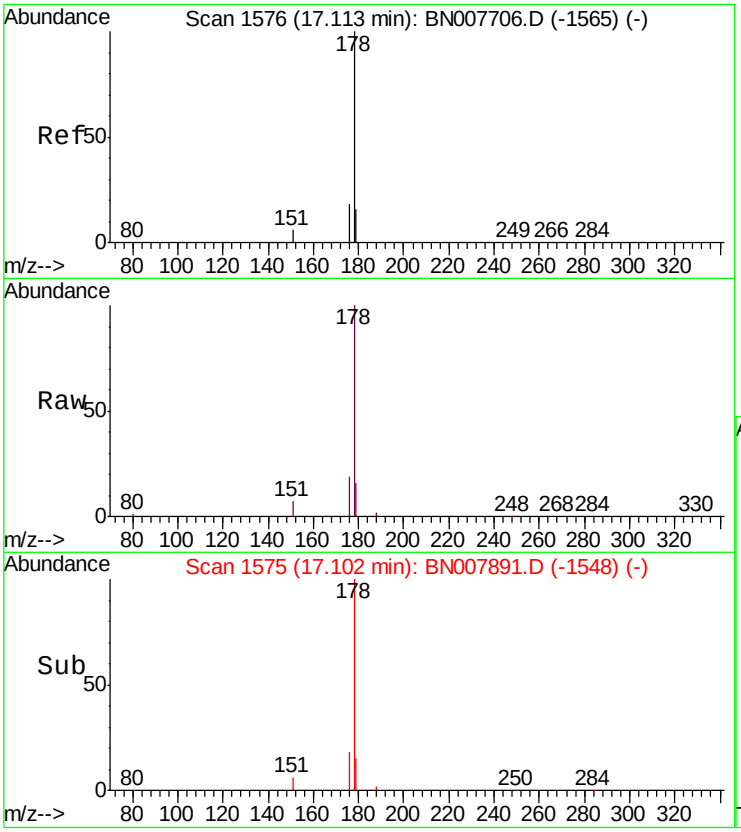


#22
Pentachlorophenol
Concen: 0.179 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:266 Resp: 3219

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	66.5	54.2	81.4



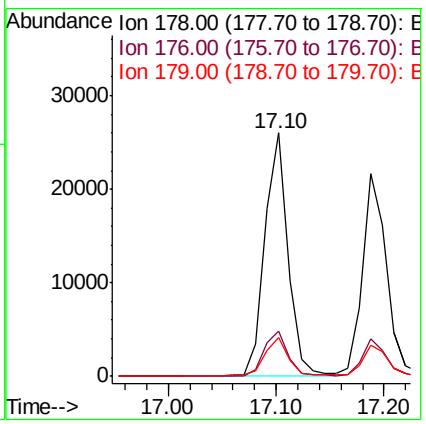


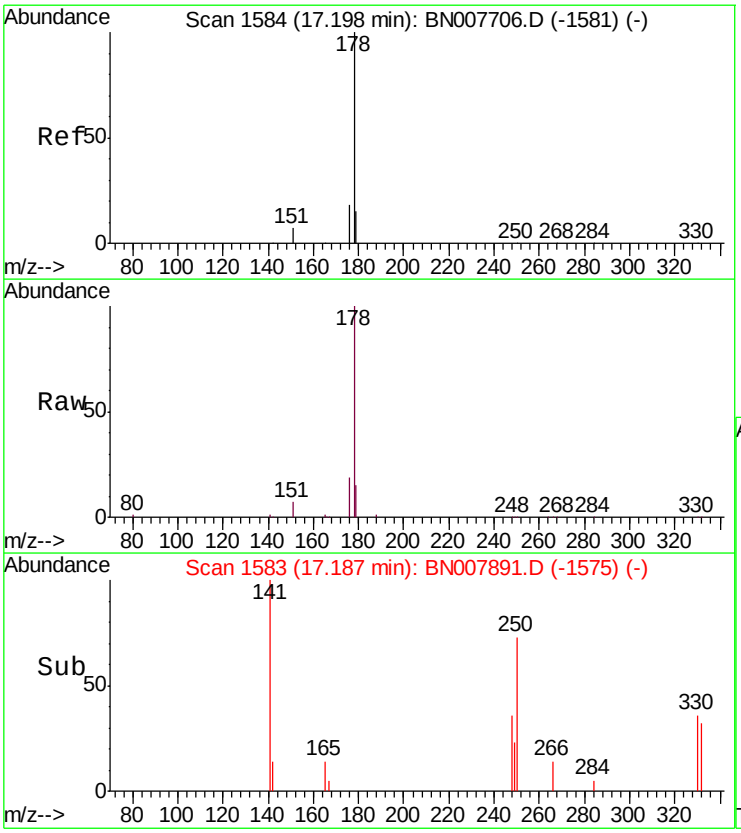
#23
Phenanthrene
Concen: 0.167 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:178 Resp: 38298

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

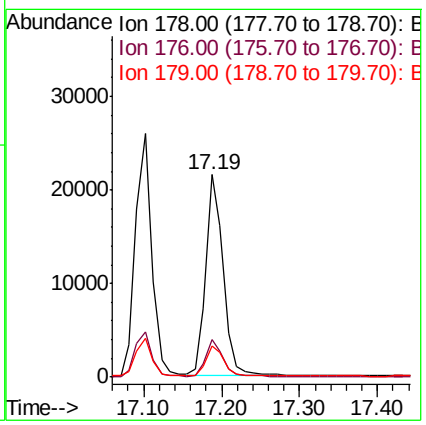


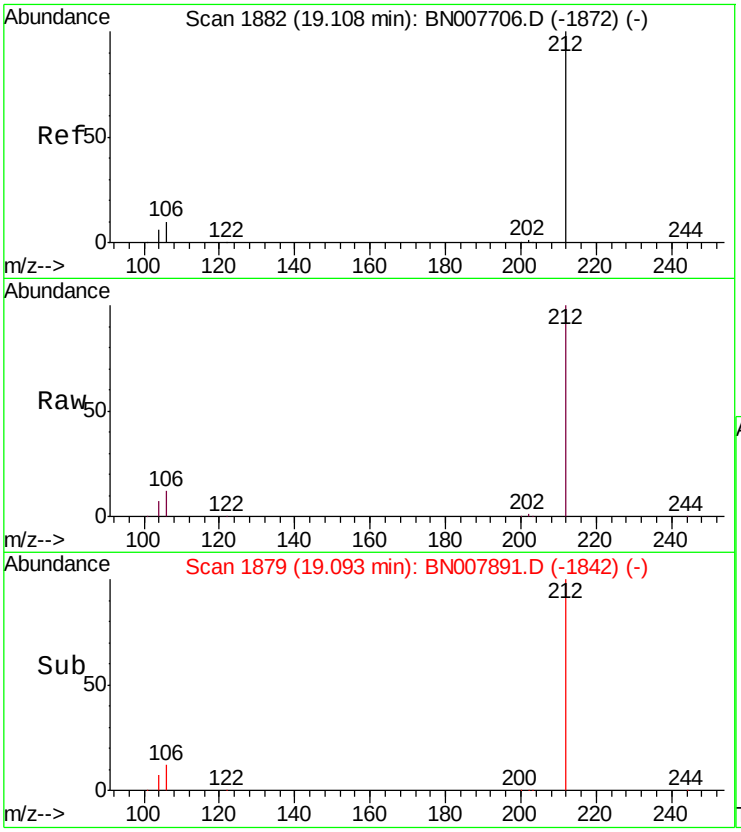


#24
Anthracene
Concen: 0.160 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:178 Resp: 33205

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.0	12.2	18.4



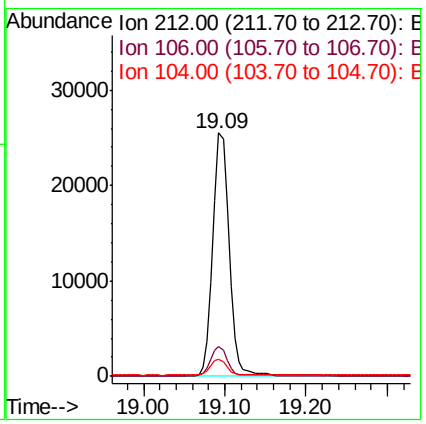


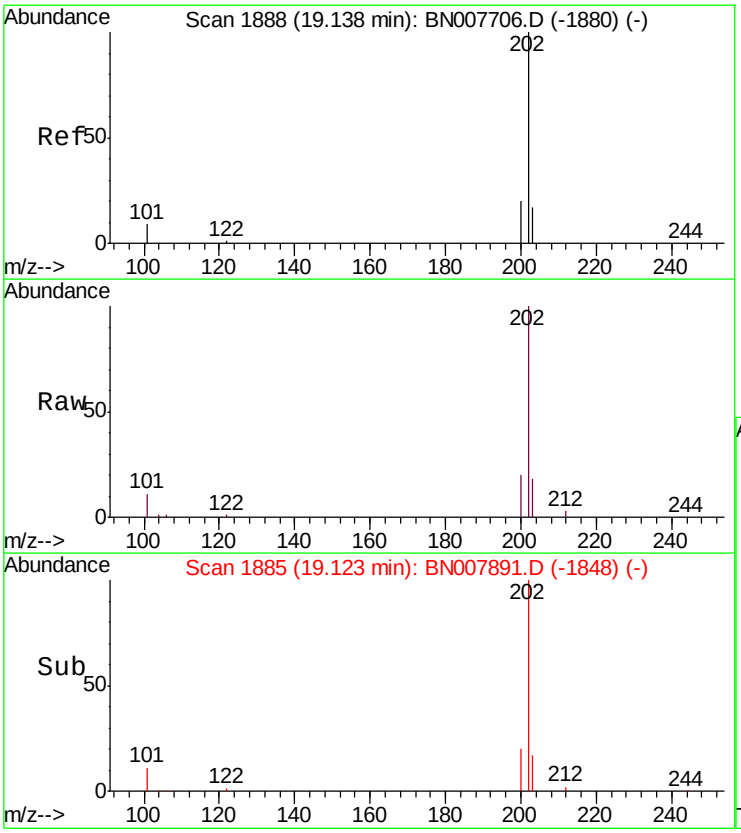
#25
Fluoranthene-d10
Concen: 0.143 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:212 Resp: 35521

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.9	5.3	7.9

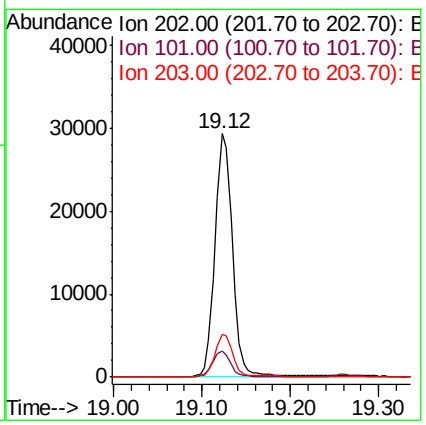


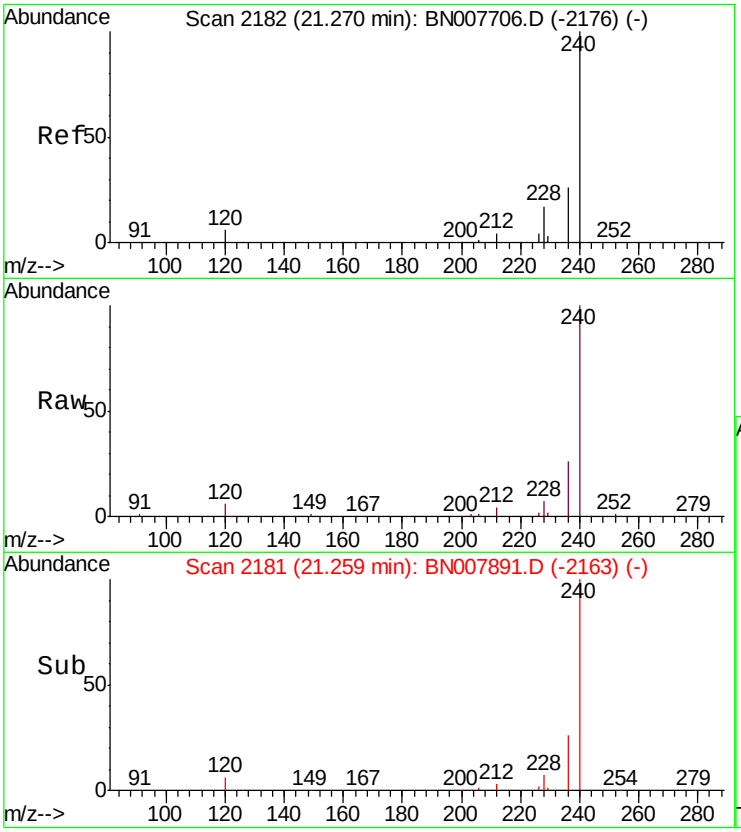


#26
Fluoranthene
Concen: 0.139 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:202 Resp: 39775

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.1	13.8	20.8



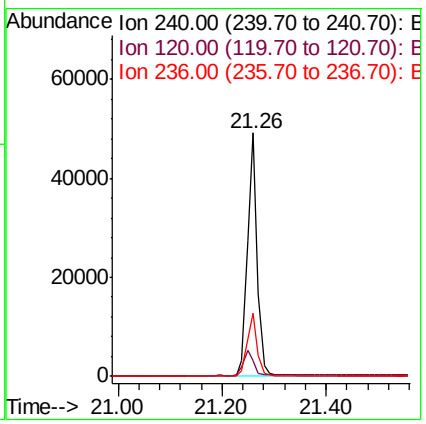


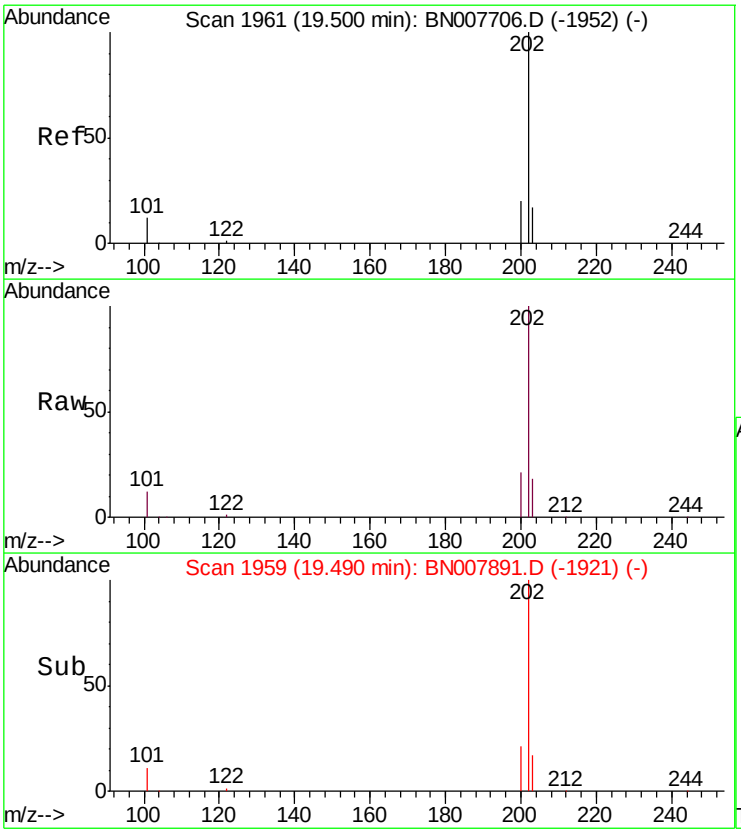
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:240 Resp: 64185

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.2
236	26.0	21.0	31.4

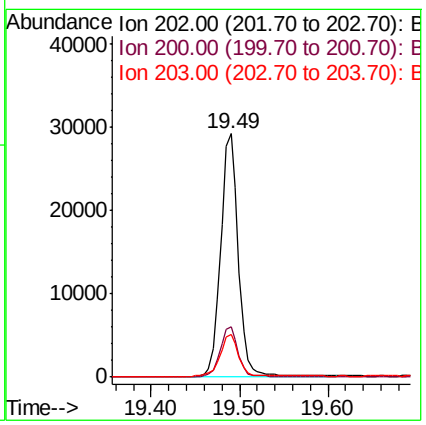


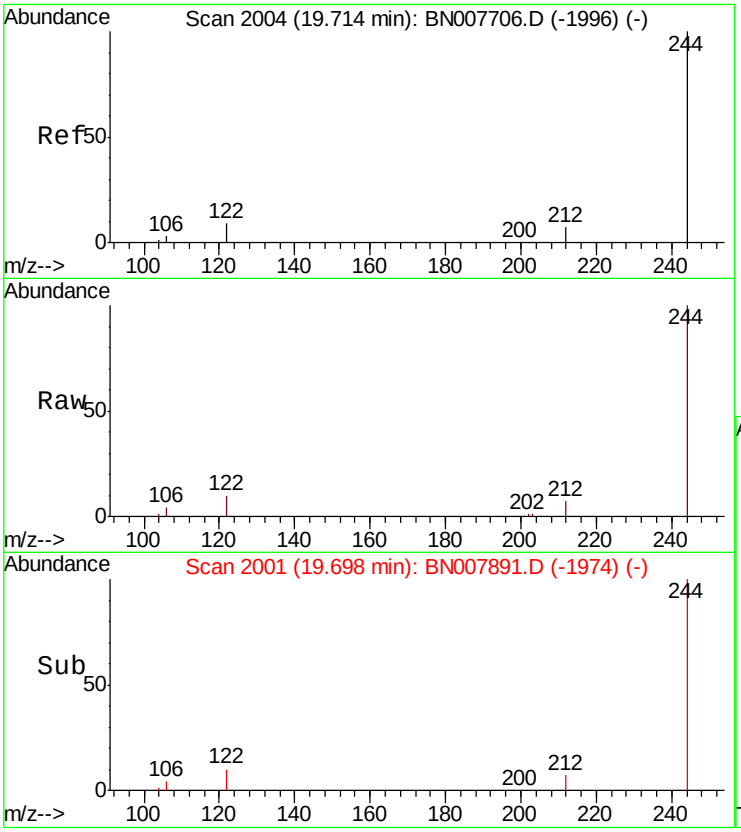


#28
Pyrene
Concen: 0.183 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:202 Resp: 40033

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	18.0	14.1	21.1



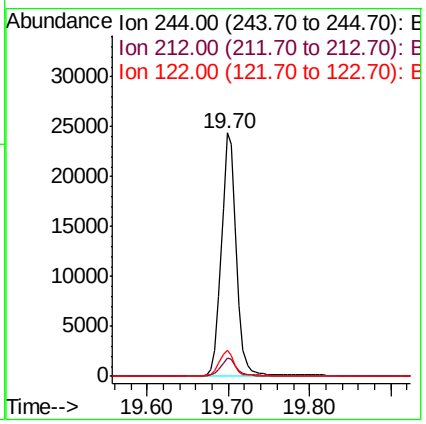


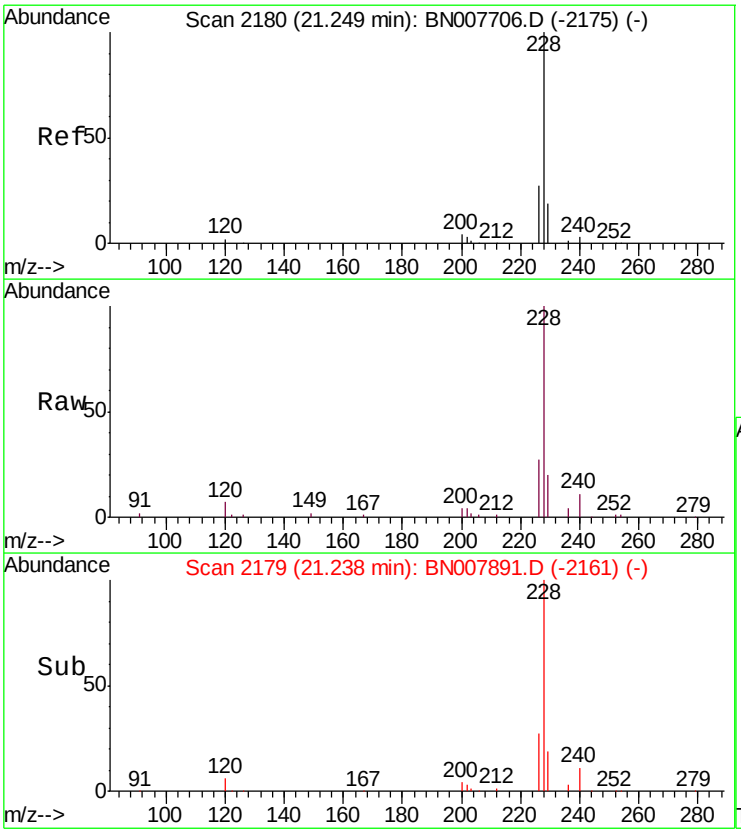
#29
Terphenyl-d14
Concen: 0.196 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:244 Resp: 30874

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.5	7.4	11.2

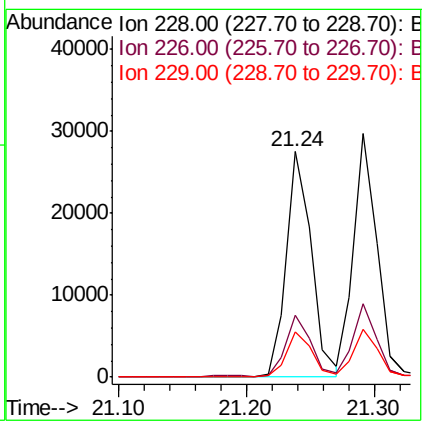


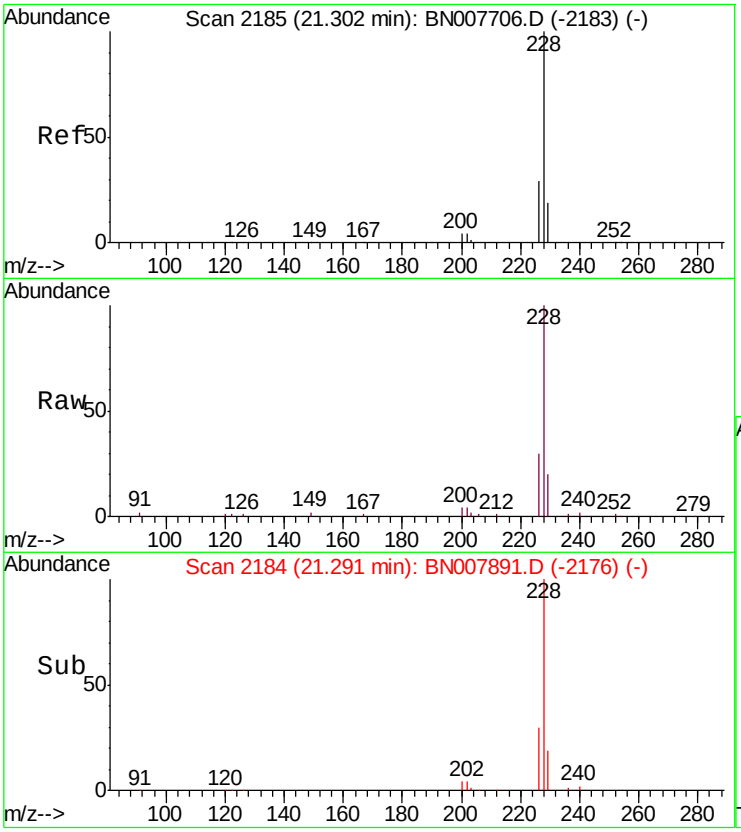


#30
Benzo(a)anthracene
Concen: 0.156 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:228 Resp: 36923

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.8	15.8	23.6



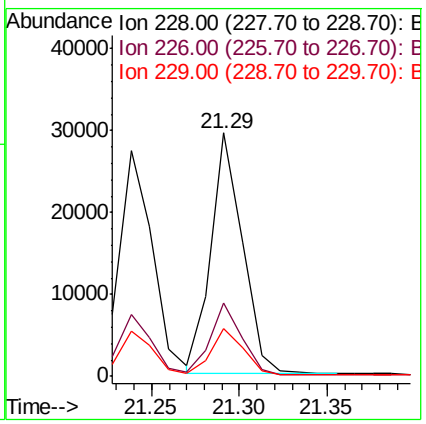


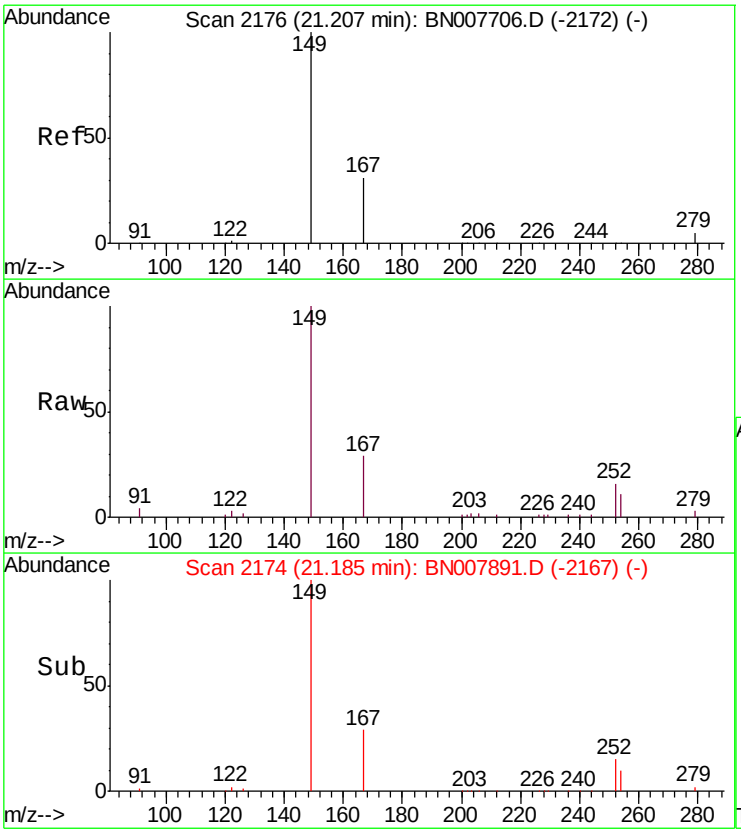
#31
Chrysene
Concen: 0.159 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:228 Resp: 36675

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.6	15.8	23.6

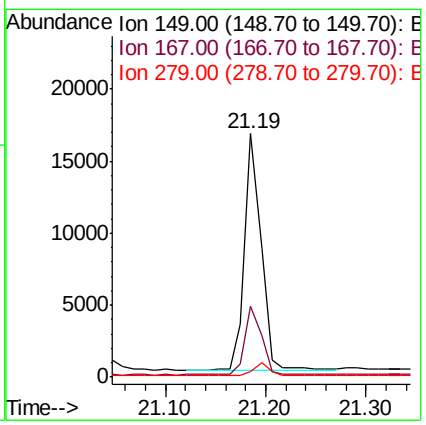


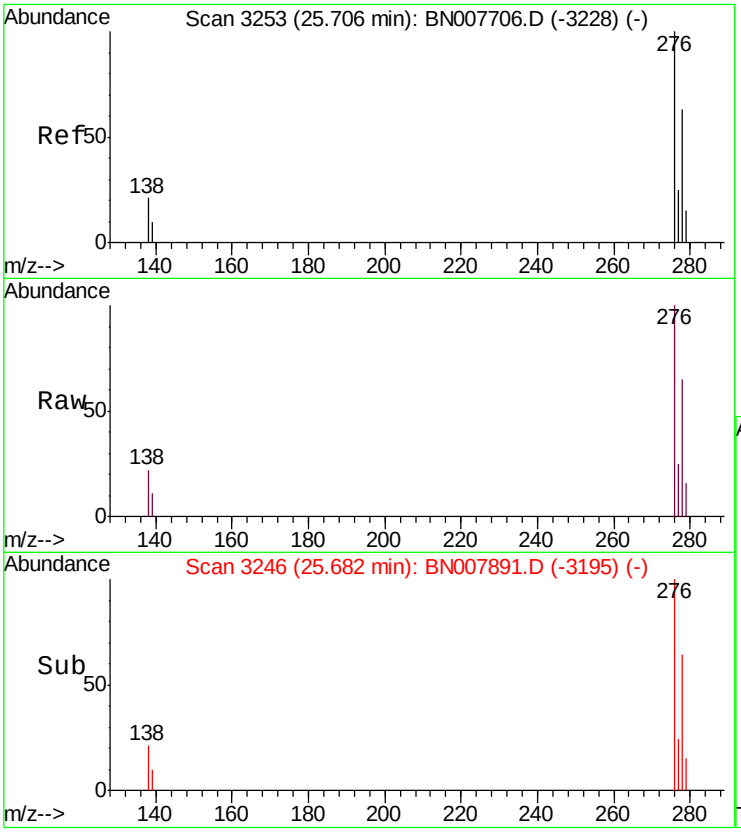


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:149 Resp: 18709

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.2	4.2	6.2



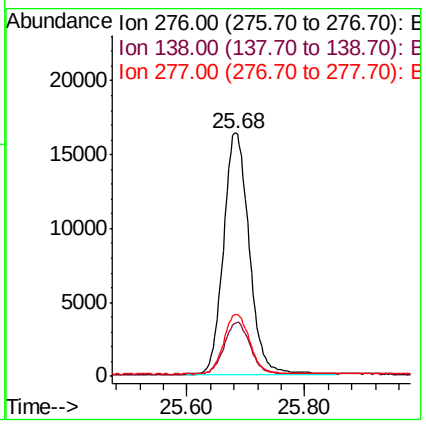


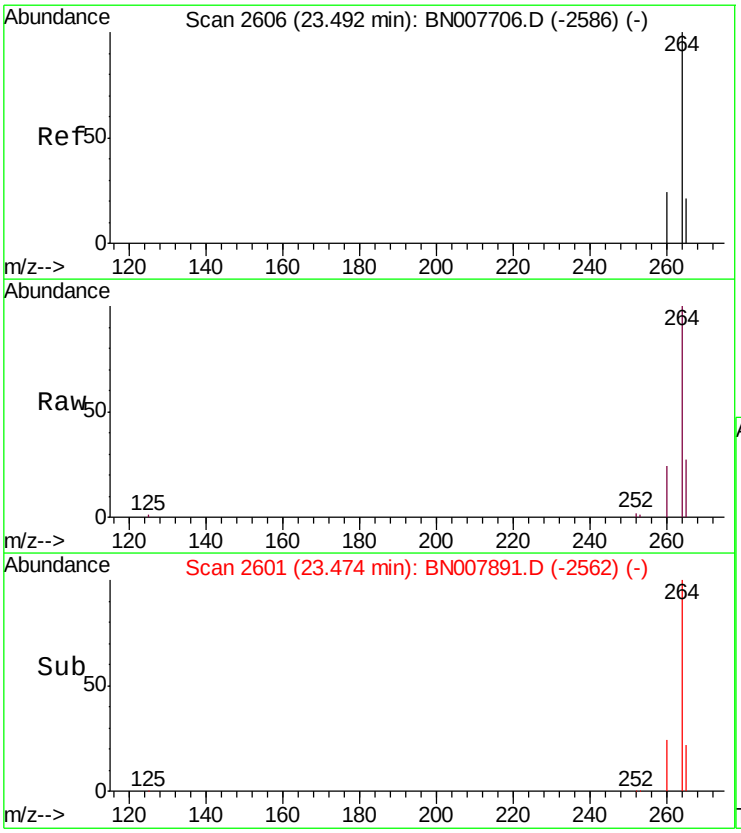
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:276 Resp: 49495

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.1	25.7
277	24.9	20.0	30.0

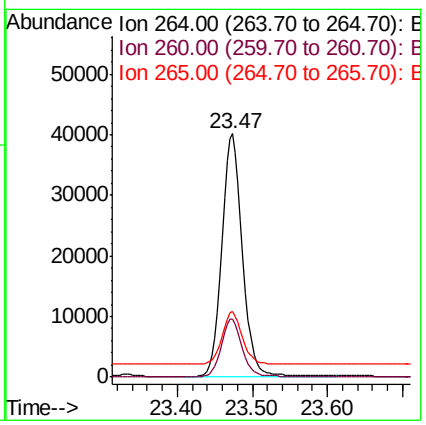


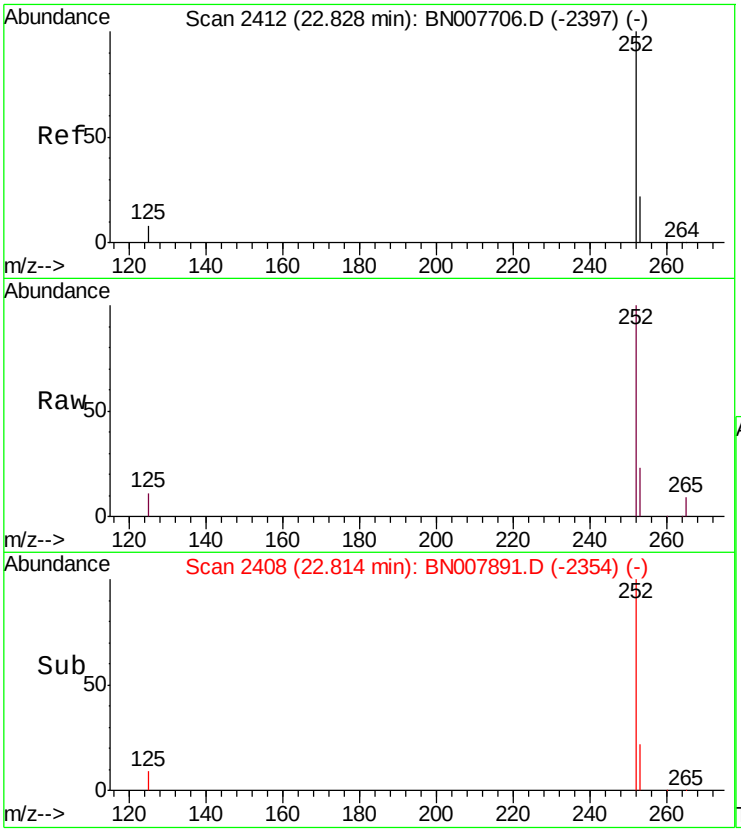


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:264 Resp: 75021

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	26.9	26.9	40.3



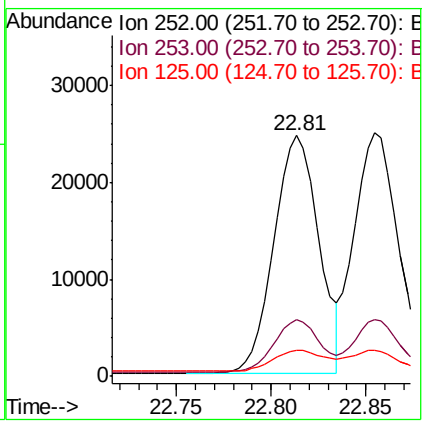


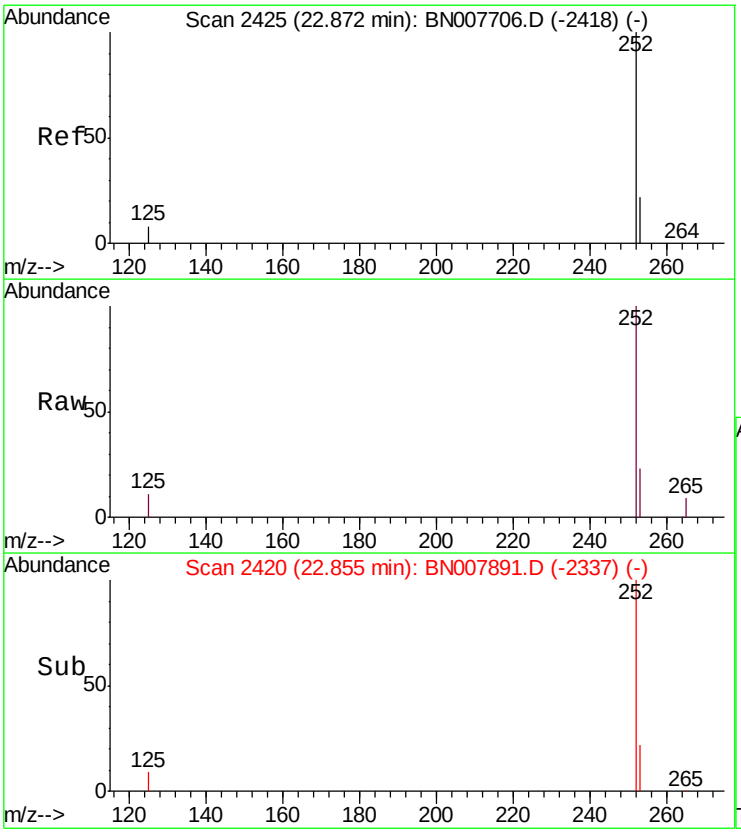
#35
Benzo(b)fluoranthene
Concen: 0.154 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:252 Resp: 40132

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.0	8.2	12.4

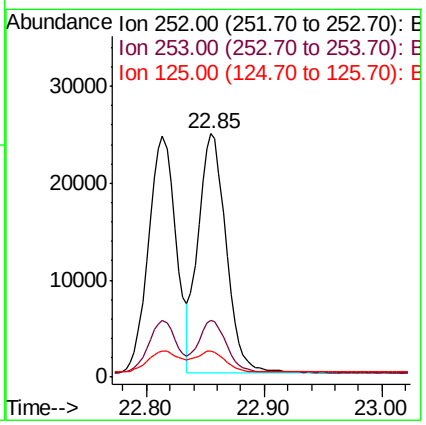


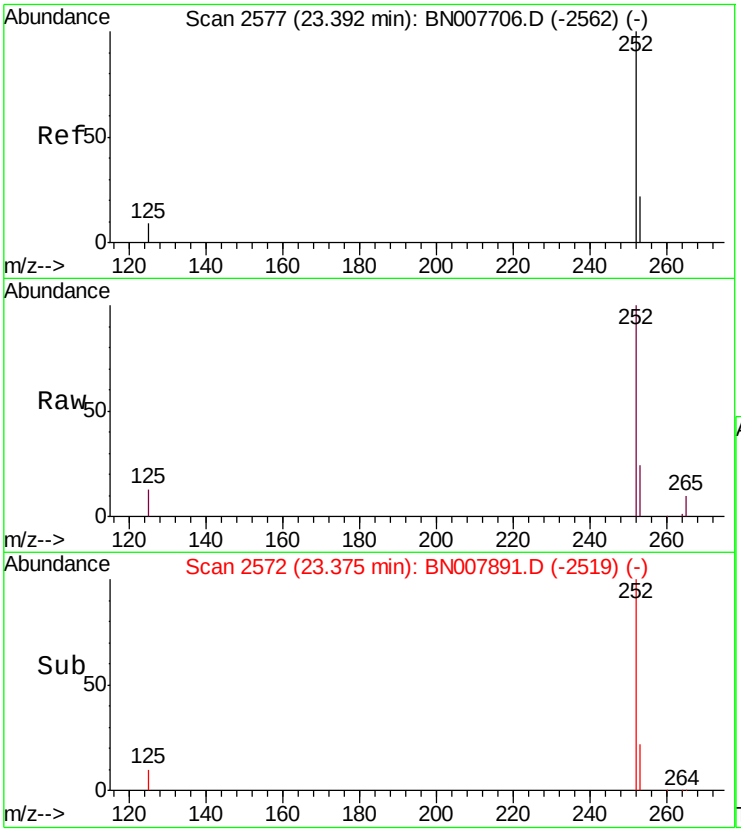


#36
Benzo(k)fluoranthene
Concen: 0.159 ng
RT: 22.85 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:252 Resp: 40997

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	10.9	8.4	12.6



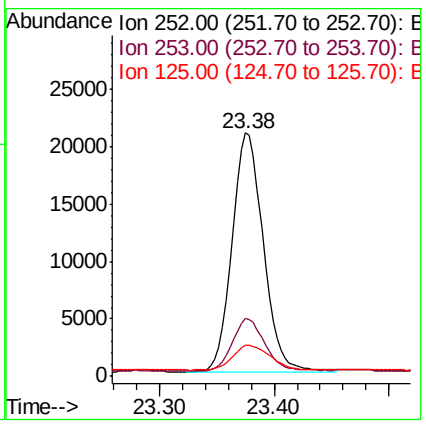


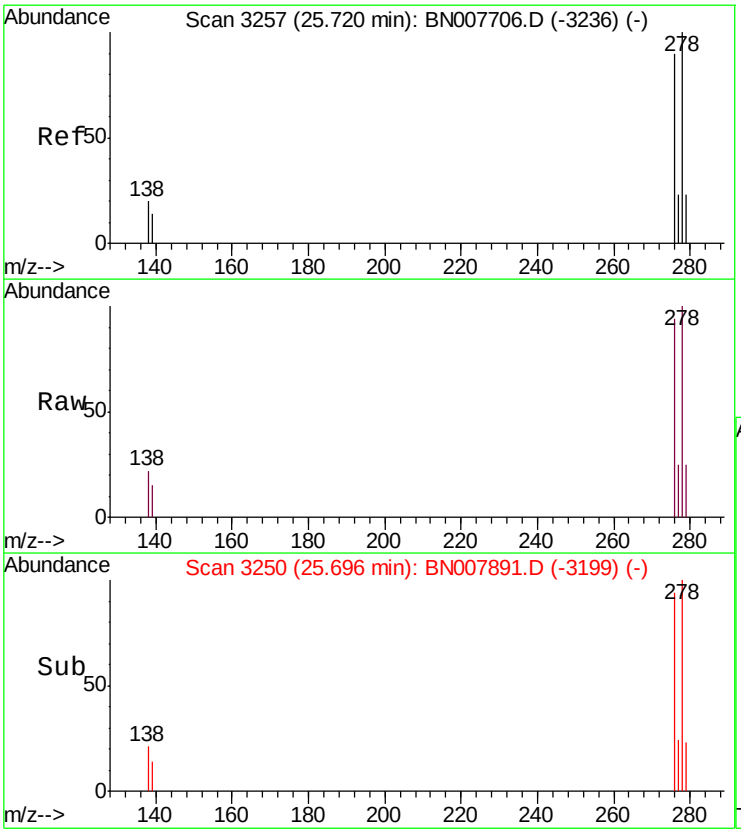
#37
Benzo(a)pyrene
Concen: 0.161 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:252 Resp: 39420

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	12.7	9.4	14.0

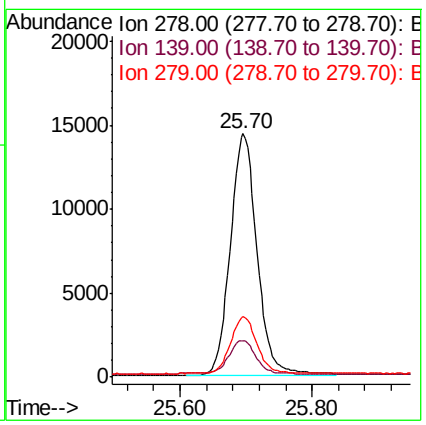


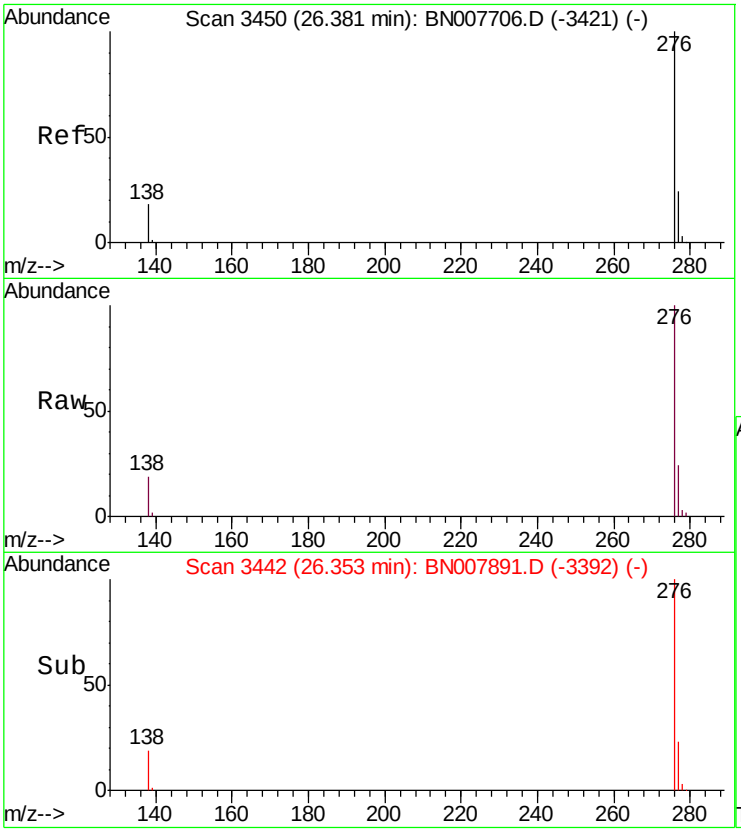


#38
Dibenzo(a,h)anthracene
Concen: 0.162 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:278 Resp: 40529

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.6
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.170 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tgt Ion:276 Resp: 42243

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	19.5	15.1	22.7