Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007852.D
Acq On : 25 Sep 2019 14:00
Operator : JU
Sample : PB123248BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123248BS

Quant Time: Sep 26 03:52:39 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	7951	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	31016	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	18967	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	39005	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	34790	0.40	ng		-0.01
34) Perylene-d12	23.47	264	33273	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	9033	0.33	ng		0.00
5) Phenol-d6	6.86	99	11445	0.33	ng		0.00
8) Nitrobenzene-d5	8.83	82	10153	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	22231	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2479	0.24	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	31820	0.41	ng		-0.01
25) Fluoranthene-d10	19.09	212	48689	0.37	ng		-0.01
29) Terphenyl-d14	19.70	244	41175	0.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3793	0.428	ng	#	86
3) n-Nitrosodimethylamine	3.00	42	2646	0.652	ng		98
6) bis(2-Chloroethyl)ether	7.13	93	9294	0.413	ng		98
9) Naphthalene	10.51	128	37239	0.428	ng		100
10) Hexachlorobutadiene	10.81	225	7927	0.432	ng	#	100
12) 2-Methylnaphthalene	12.13	142	25280	0.430	ng		99
16) Acenaphthylene	14.02	152	36410	0.362	ng		100
17) Acenaphthene	14.38	154	24549	0.379	ng		96
18) Fluorene	15.36	166	31569	0.380	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	10375	0.438	ng	#	74
21) Hexachlorobenzene	16.38	284	11948	0.462	ng		99
22) Pentachlorophenol	16.72	266	2619	0.274	ng		98
23) Phenanthrene	17.10	178	52524	0.432	ng		100
24) Anthracene	17.19	178	43833	0.399	ng		100
26) Fluoranthene	19.12	202	57323	0.379	ng		99
28) Pyrene	19.49	202	56490	0.476	ng		100
30) Benzo(a)anthracene	21.24	228	49273	0.385	ng		99
31) Chrysene	21.29	228	52683	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	17158	0.260	ng		100
33) Indeno(1,2,3-cd)pyrene	25.68	276	50747	0.325	ng		99
35) Benzo(b)fluoranthene	22.81	252	46642	0.404	ng		100
36) Benzo(k)fluoranthene	22.85	252	52746	0.462	ng		99
37) Benzo(a)pyrene	23.38	252	43171	0.398	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	40760	0.367	ng		100
39) Benzo(g,h,i)perylene	26.35	276	40500	0.369	ng		99

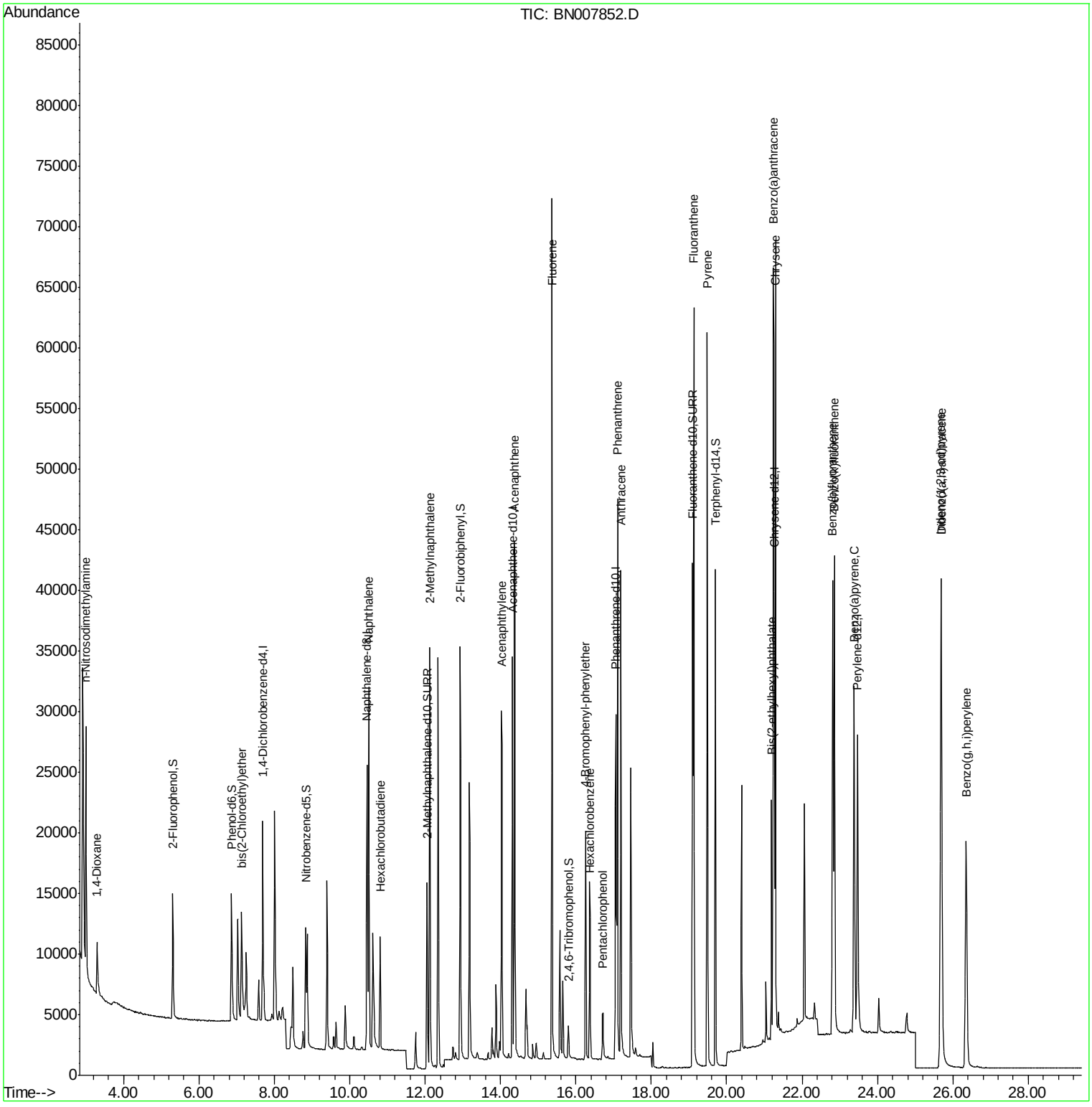
(#) = qualifier out of range (m) = manual integration (+) = signals summed

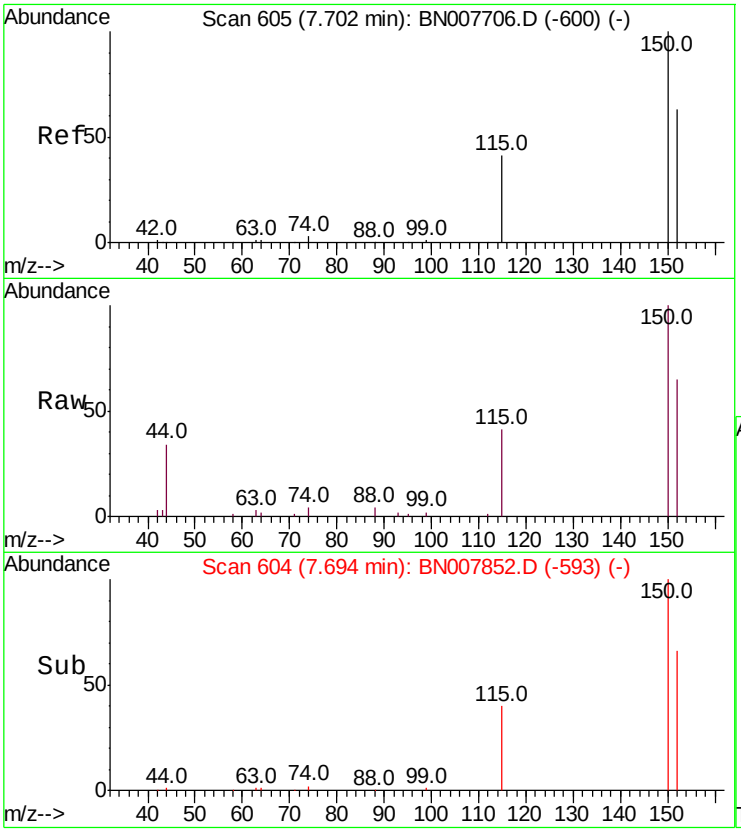
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007852.D
Acq On : 25 Sep 2019 14:00
Operator : JU
Sample : PB123248BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Quant Time: Sep 26 03:52:39 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



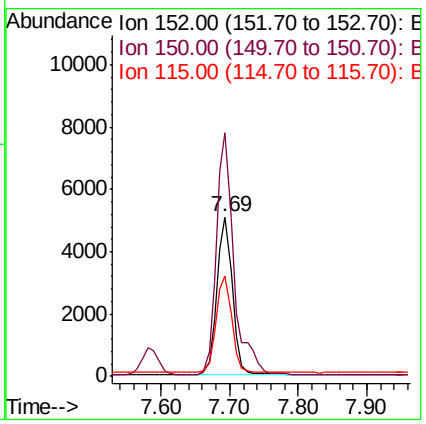


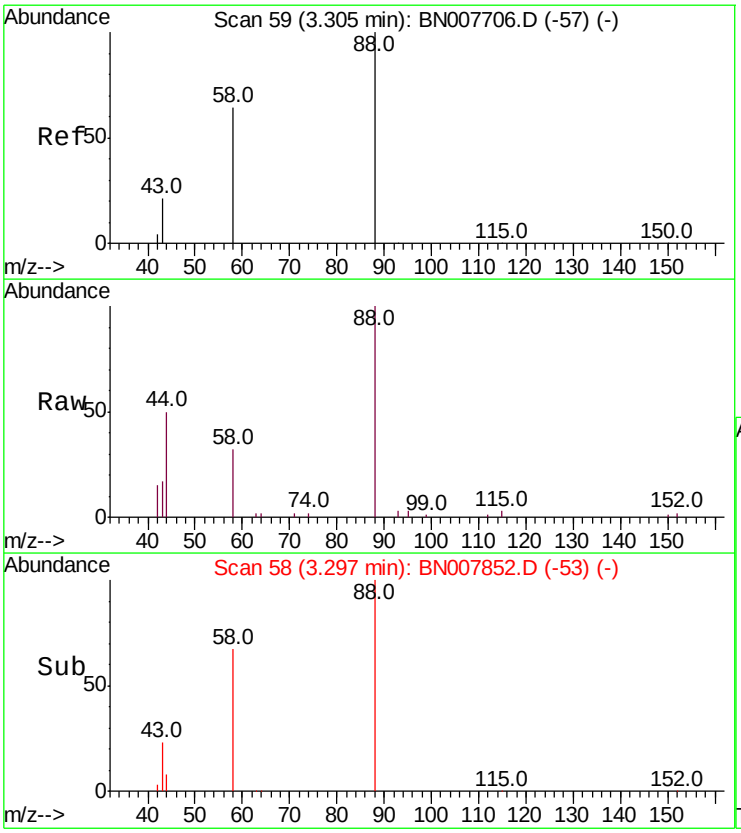
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:152 Resp: 7951

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.6	188.4
115	62.5	53.3	79.9

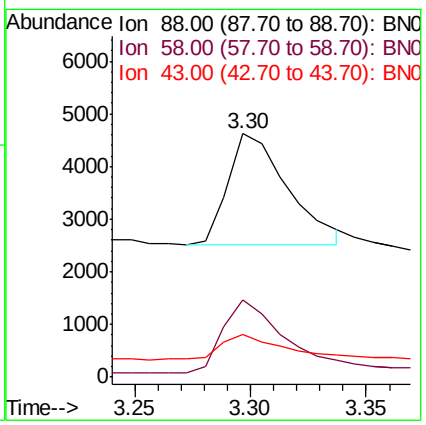


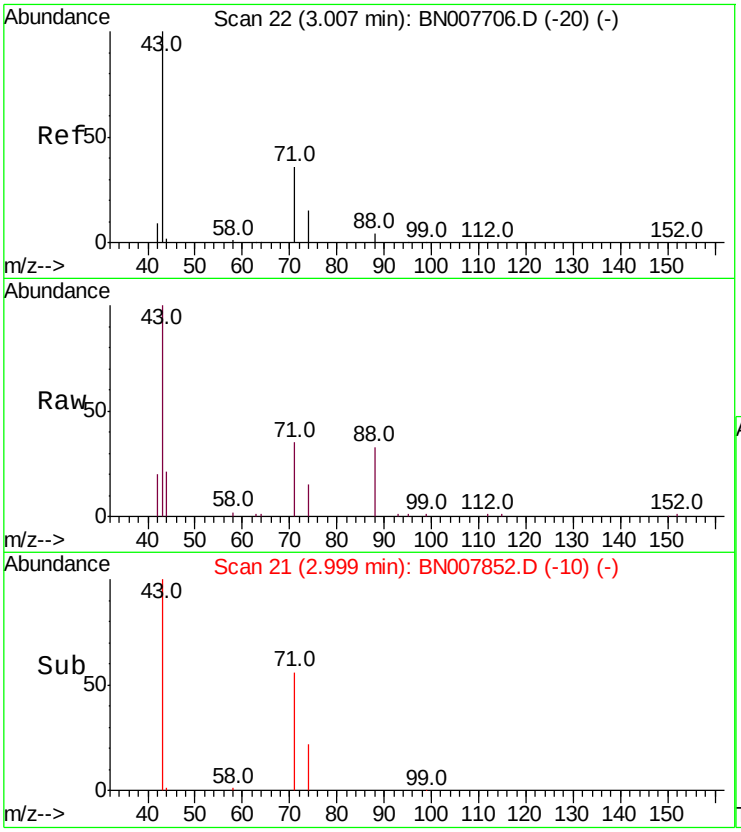


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion: 88 Resp: 3793

Ion	Ratio	Lower	Upper
88	100		
58	67.2	44.6	66.8#
43	22.4	14.4	21.6#



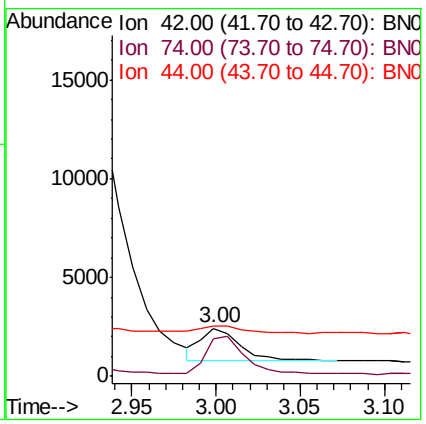


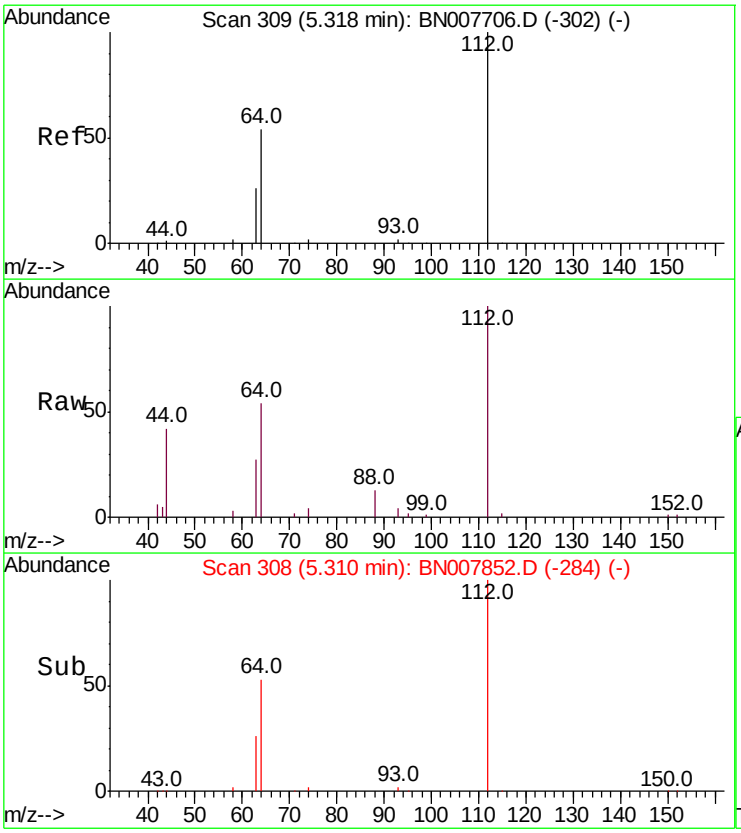
#3
n-Nitrosodimethylamine
Concen: 0.652 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion: 42 Resp: 2646

Ion	Ratio	Lower	Upper
42	100		
74	110.7	87.9	131.9
44	32.7	29.4	44.0

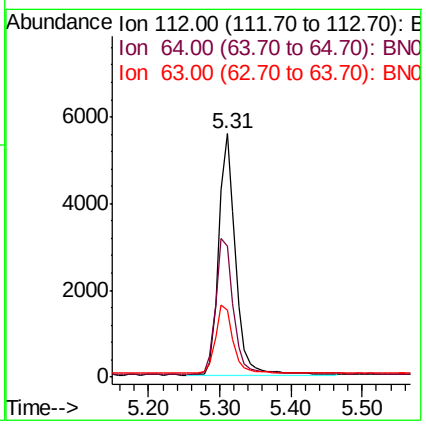


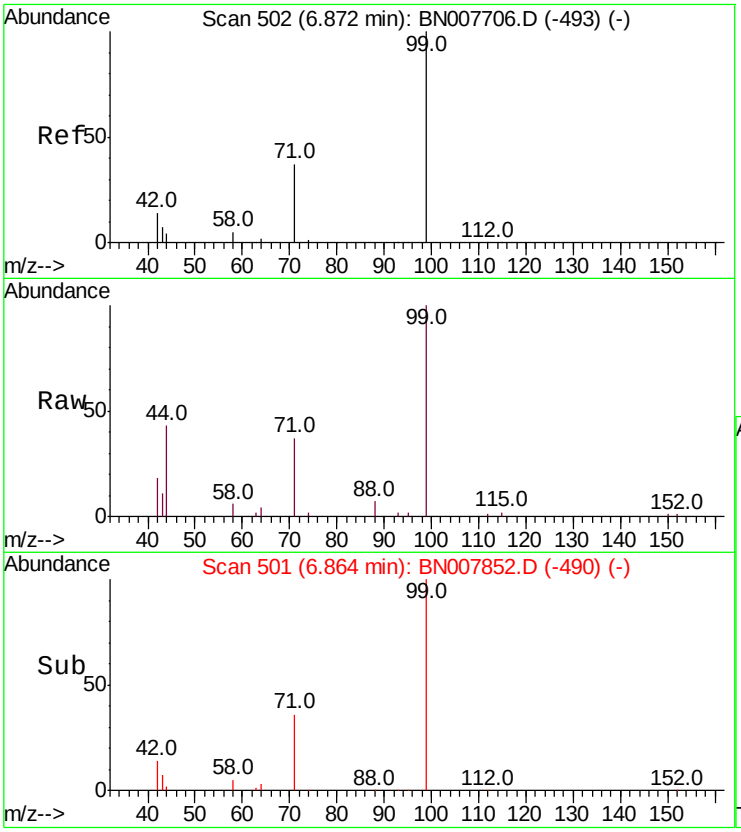


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:112 Resp: 9033

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.6	70.0
63	29.3	23.1	34.7



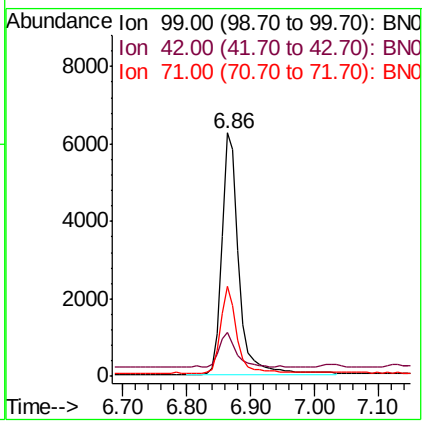


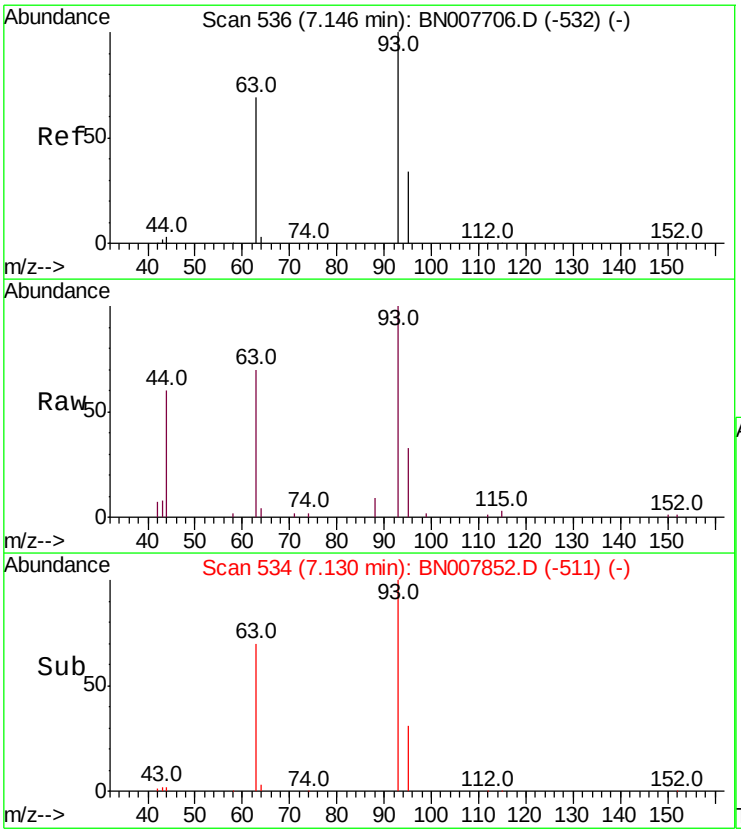
#5
Phenol-d6
Concen: 0.334 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion: 99 Resp: 11445

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.8	19.2
71	34.8	27.6	41.4

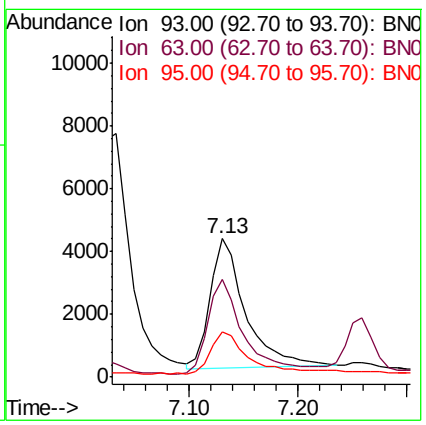


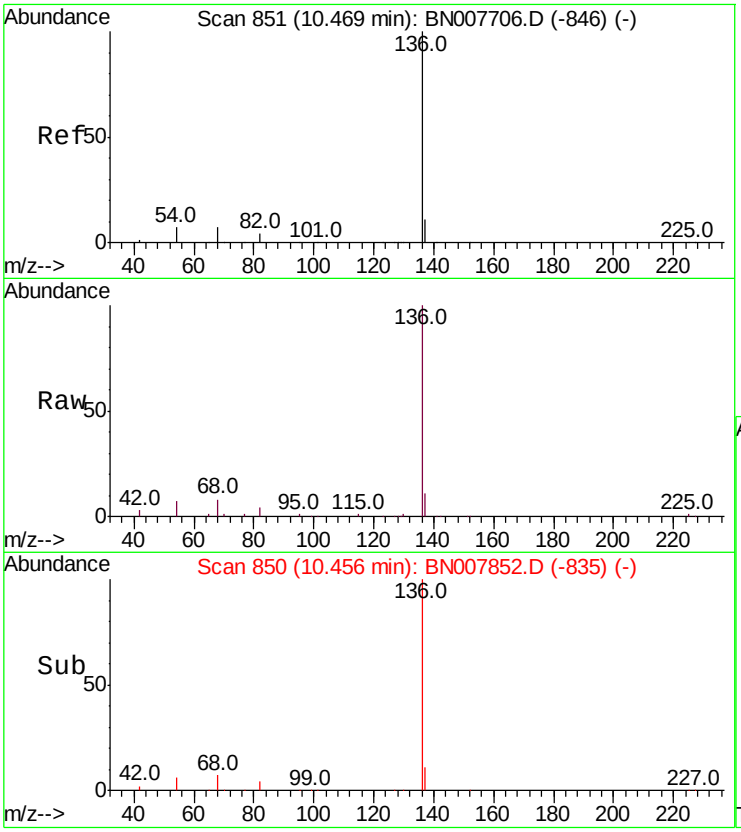


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion: 93 Resp: 9294

Ion	Ratio	Lower	Upper
93	100		
63	75.7	59.3	88.9
95	37.4	31.4	47.0



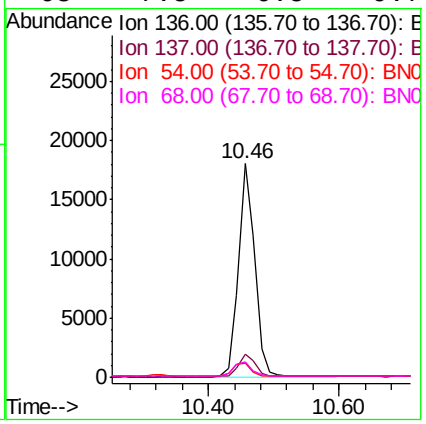


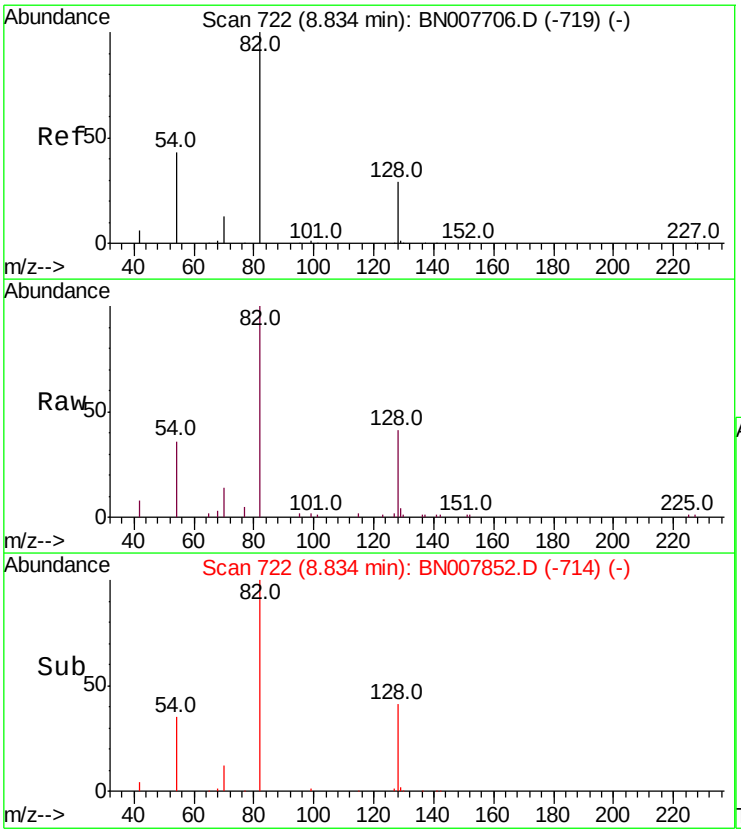
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:136 Resp: 31016

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	5.8	8.8
68	7.5	6.5	9.7

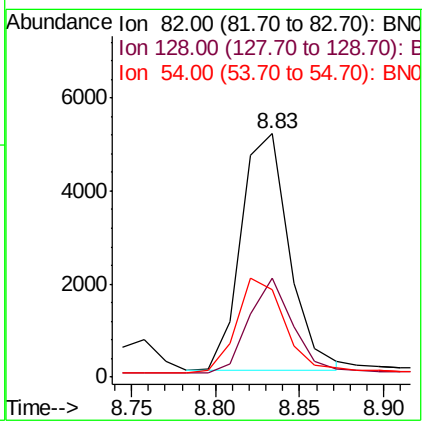


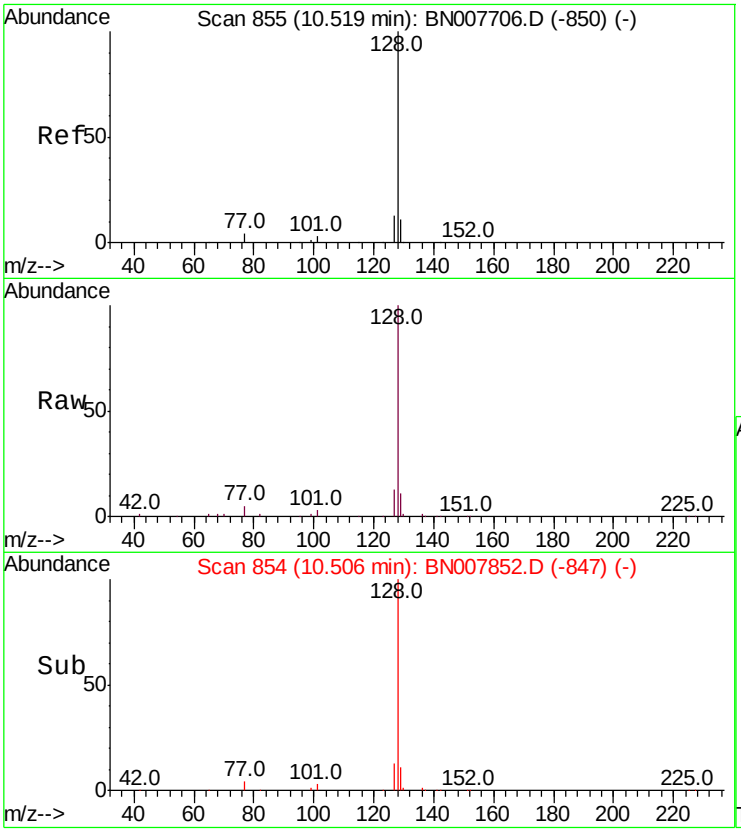


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion: 82 Resp: 10153

Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.5	36.7#
54	35.9	35.2	52.8



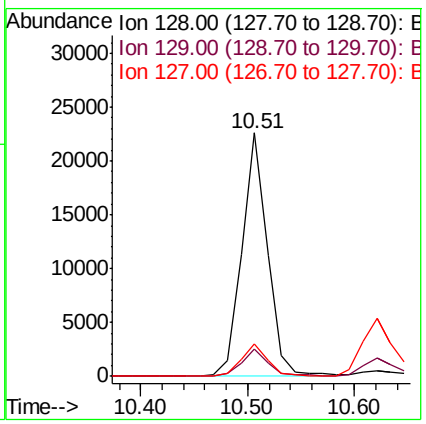


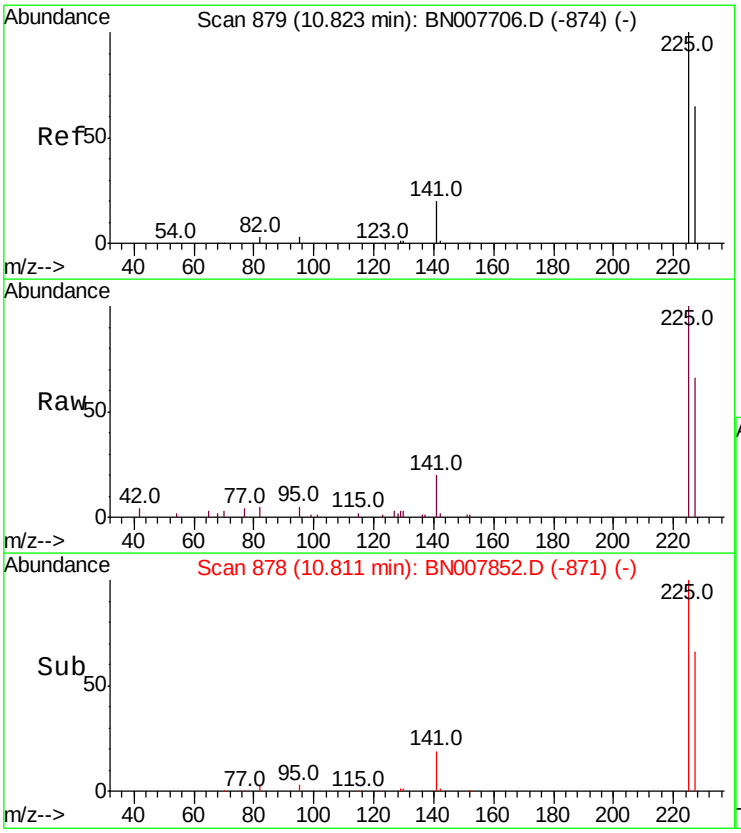
#9
Naphthalene
Concen: 0.428 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:128 Resp: 37239

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	10.6	15.8

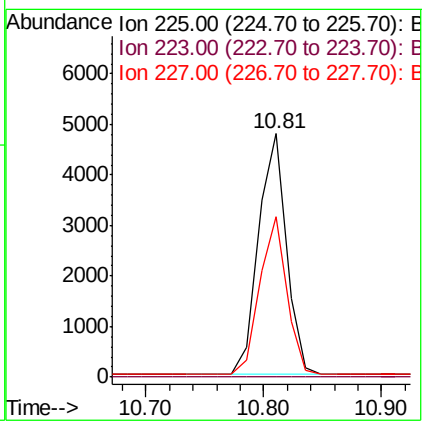


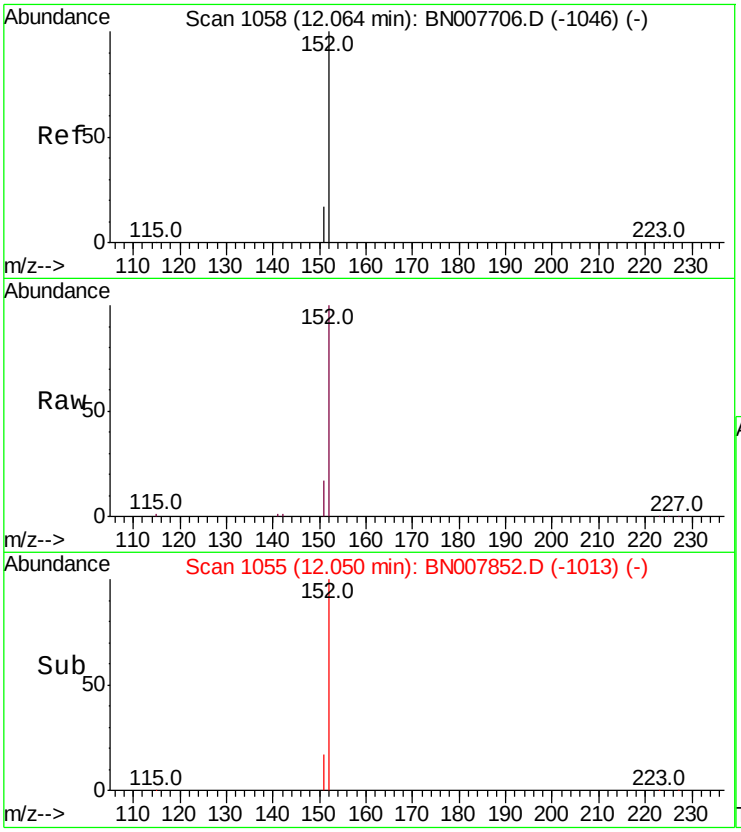


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:225 Resp: 7927

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



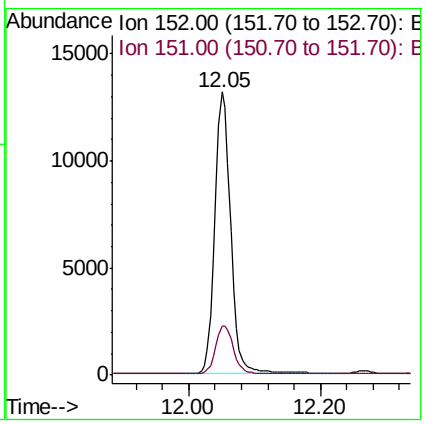


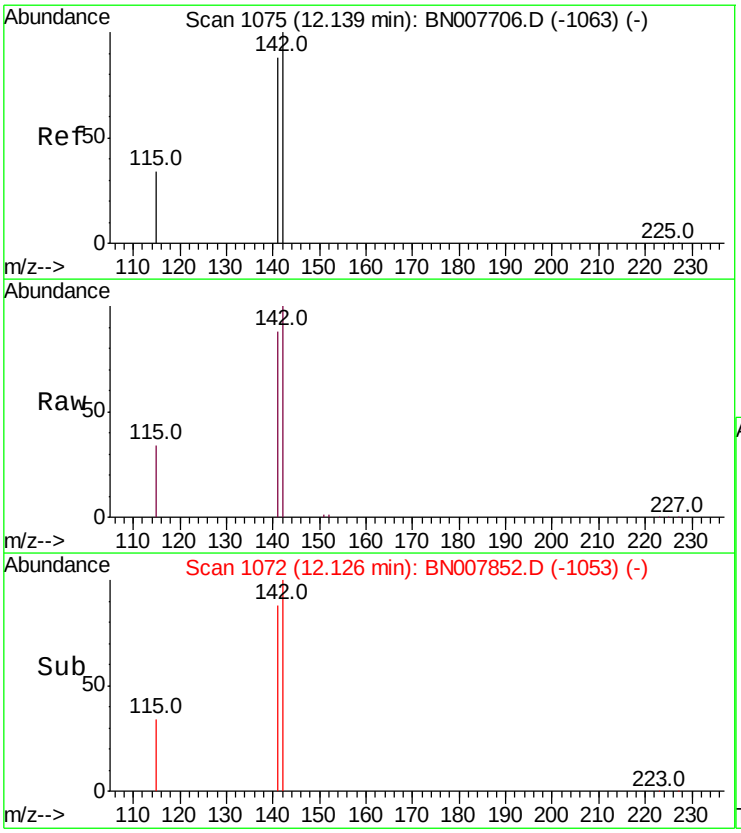
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:152 Resp: 22231

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

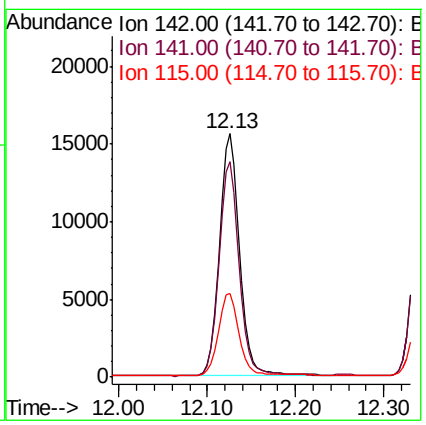


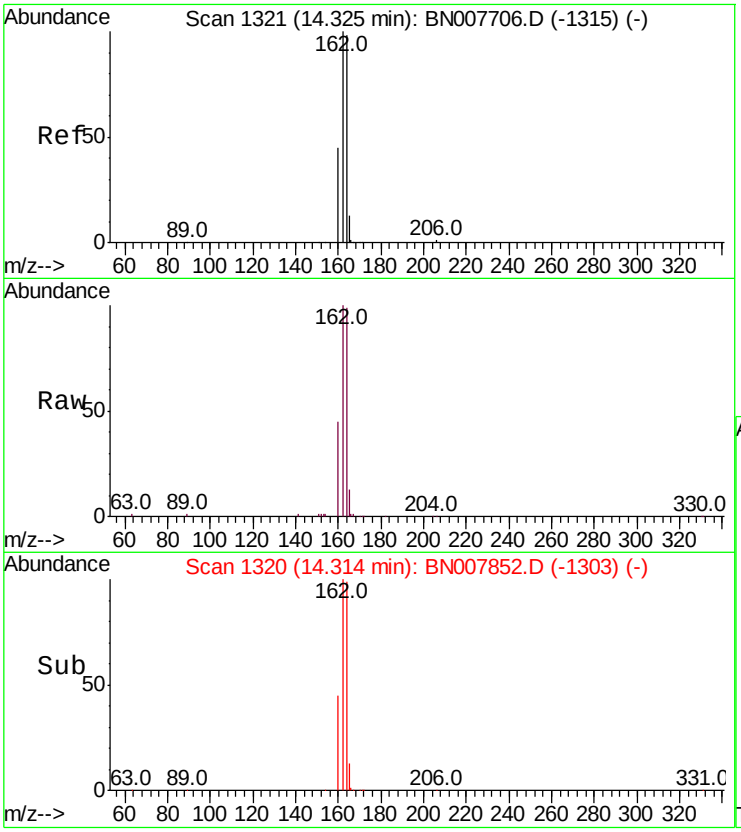


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:142 Resp: 25280

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	34.4	28.3	42.5



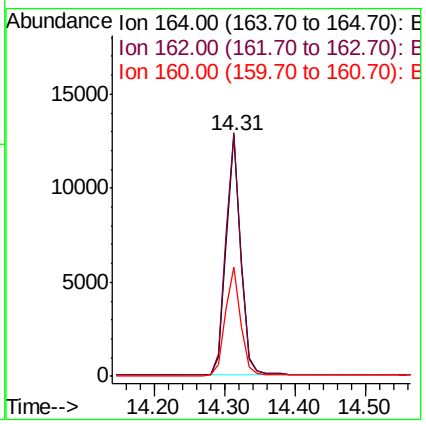


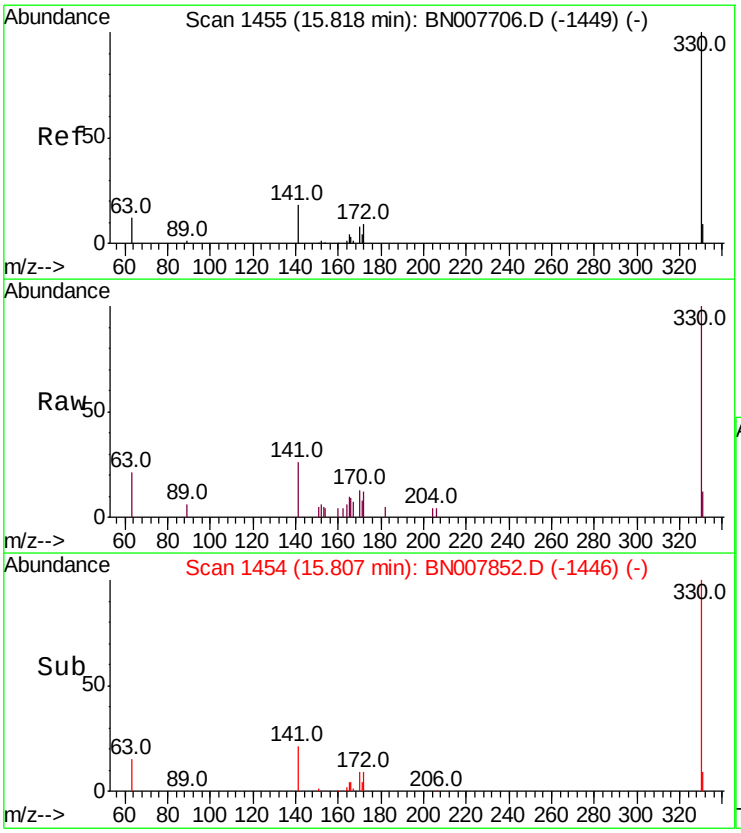
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:164 Resp: 18967

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.5	37.0	55.4

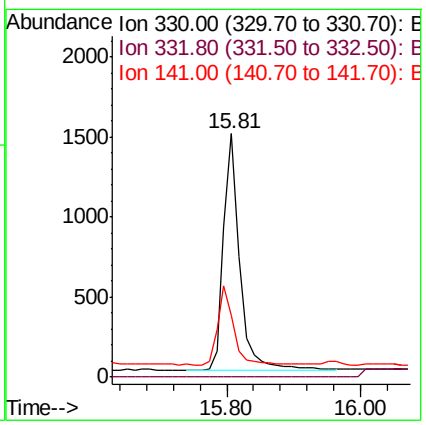


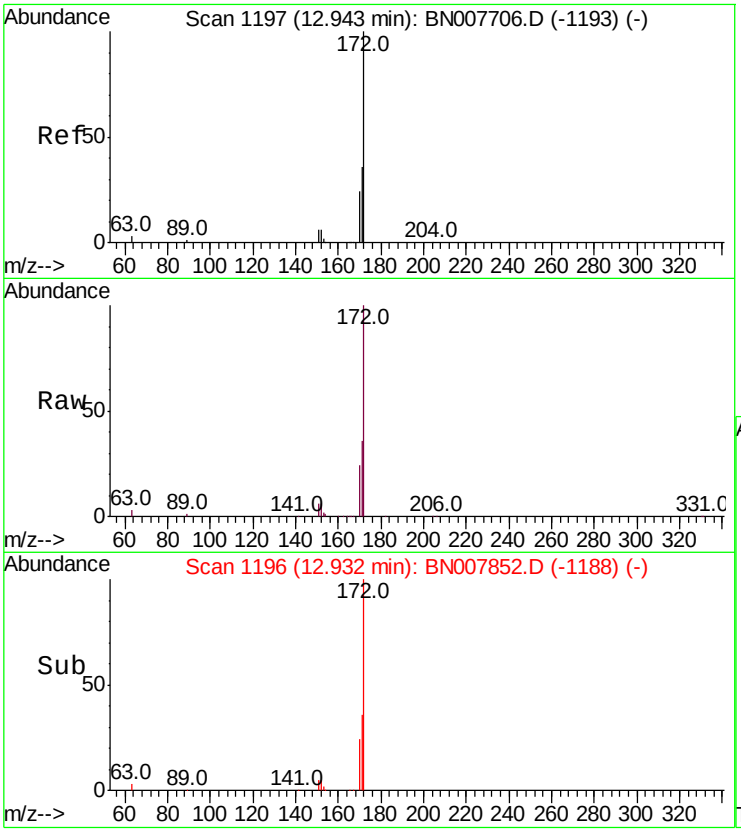


#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:330 Resp: 2479

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	28.7	43.1



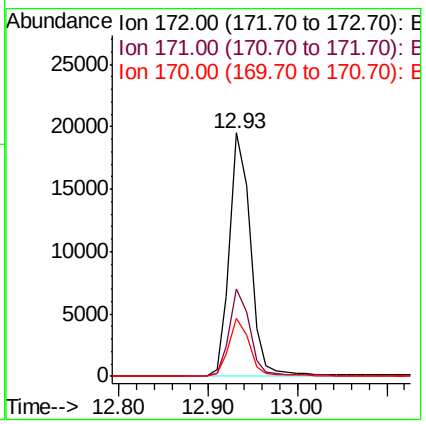


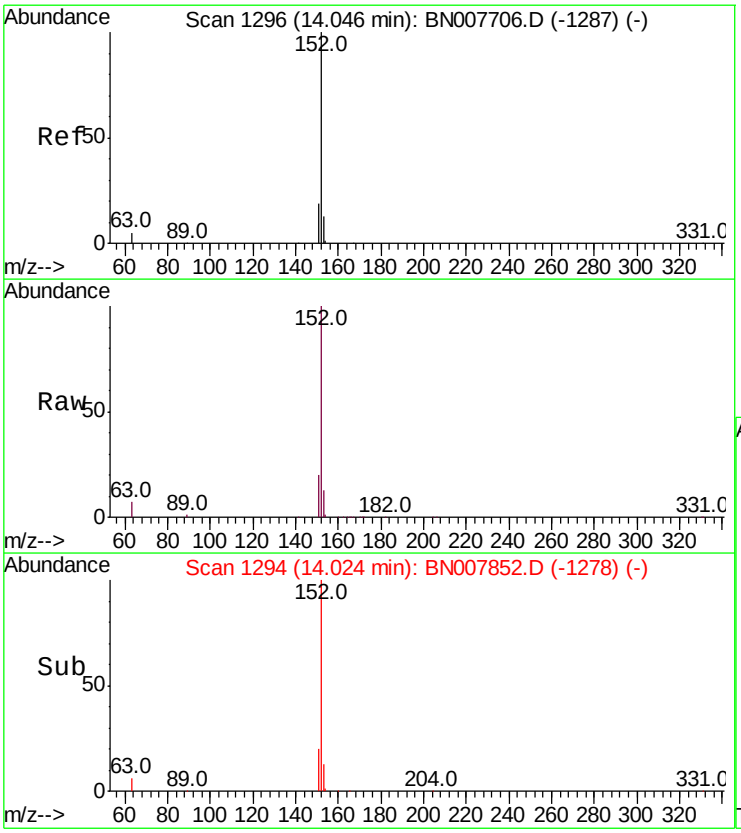
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:172 Resp: 31820

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	19.5	29.3

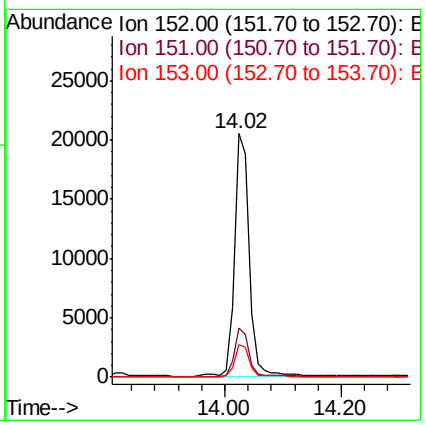


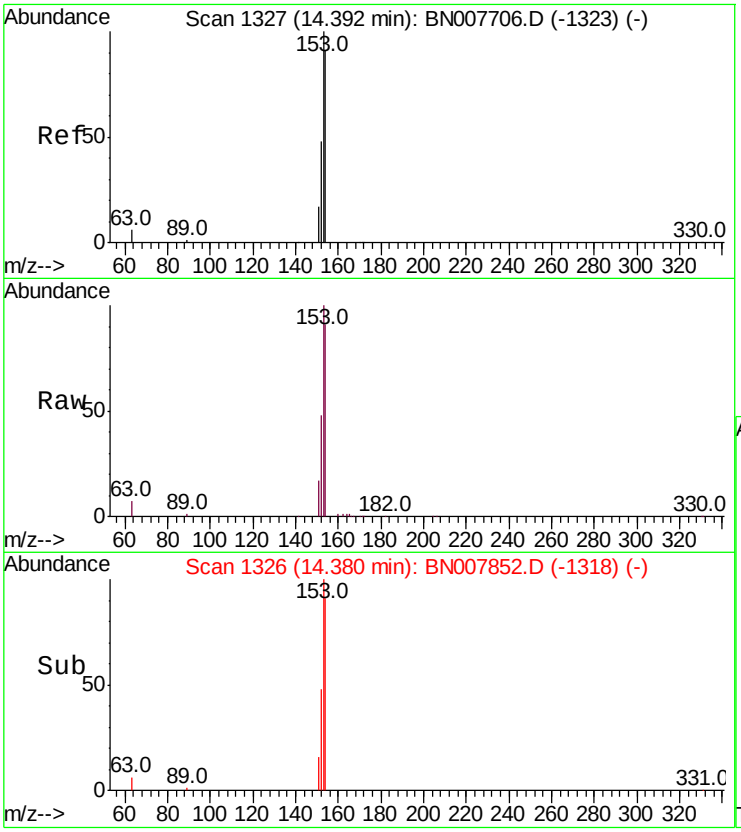


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:152 Resp: 36410

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6



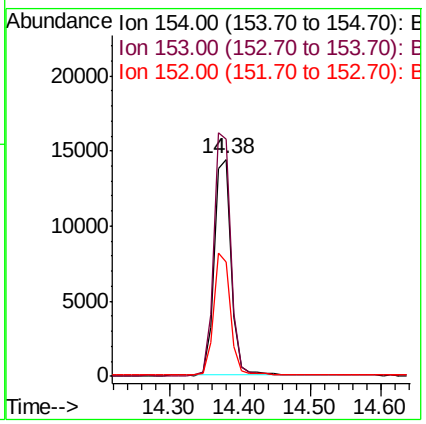


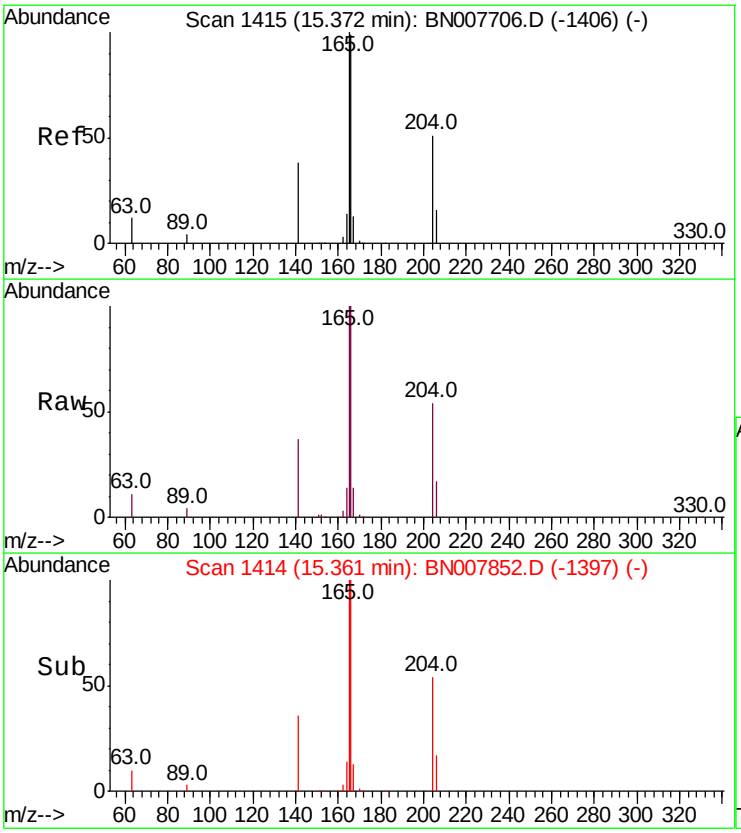
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:154 Resp: 24549

Ion	Ratio	Lower	Upper
154	100		
153	113.3	87.0	130.4
152	56.5	42.7	64.1

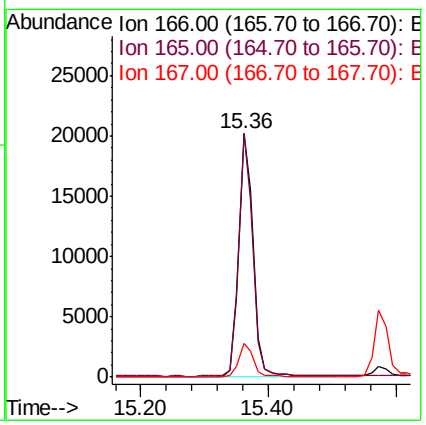


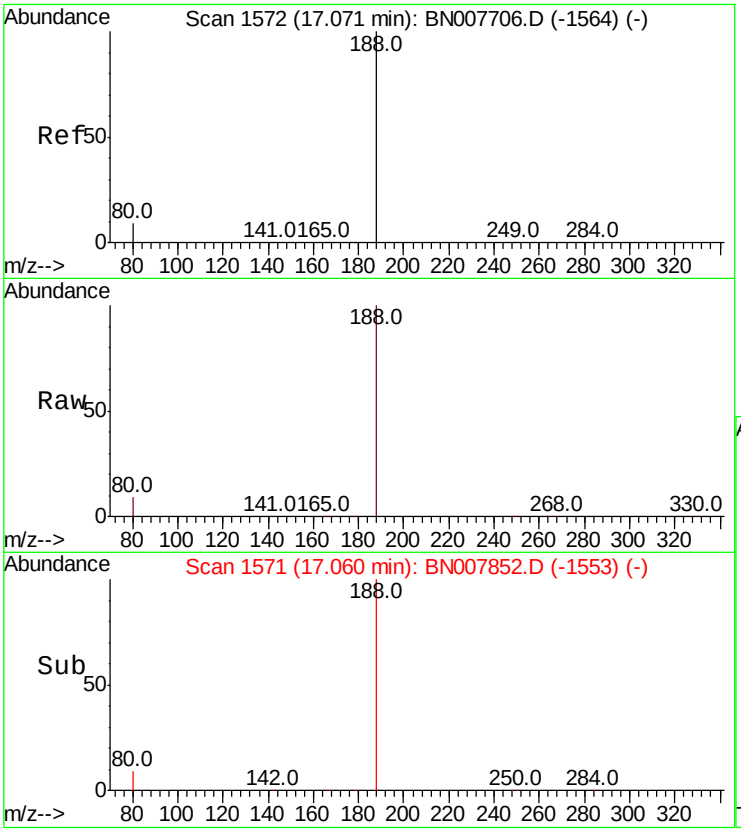


#18
Fluorene
Concen: 0.380 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:166 Resp: 31569

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	13.4	10.9	16.3



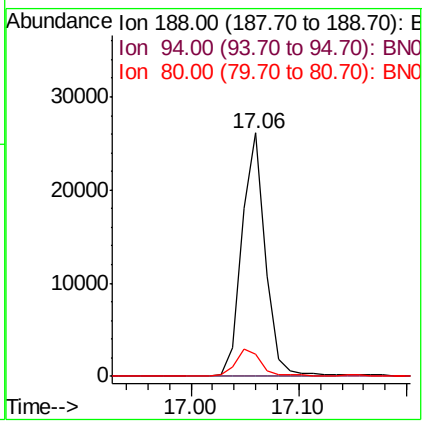


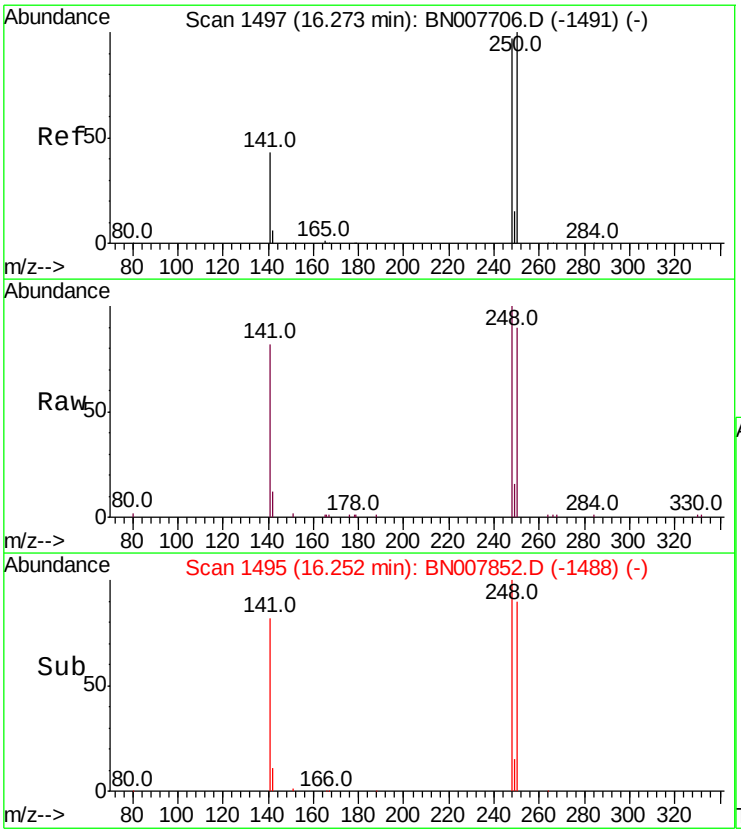
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:188 Resp: 39005

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.2

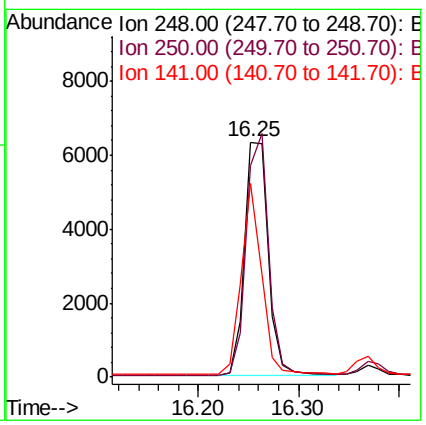


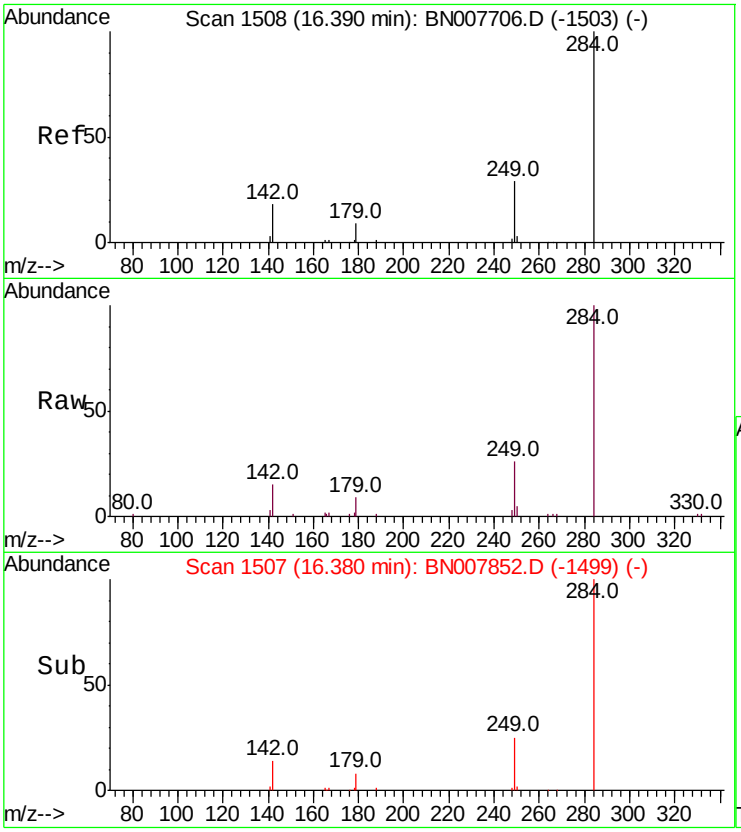


#20
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:248 Resp: 10375

Ion	Ratio	Lower	Upper
248	100		
250	90.4	82.2	123.4
141	82.3	36.3	54.5#



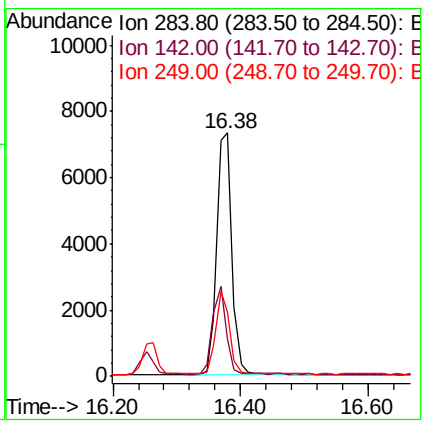


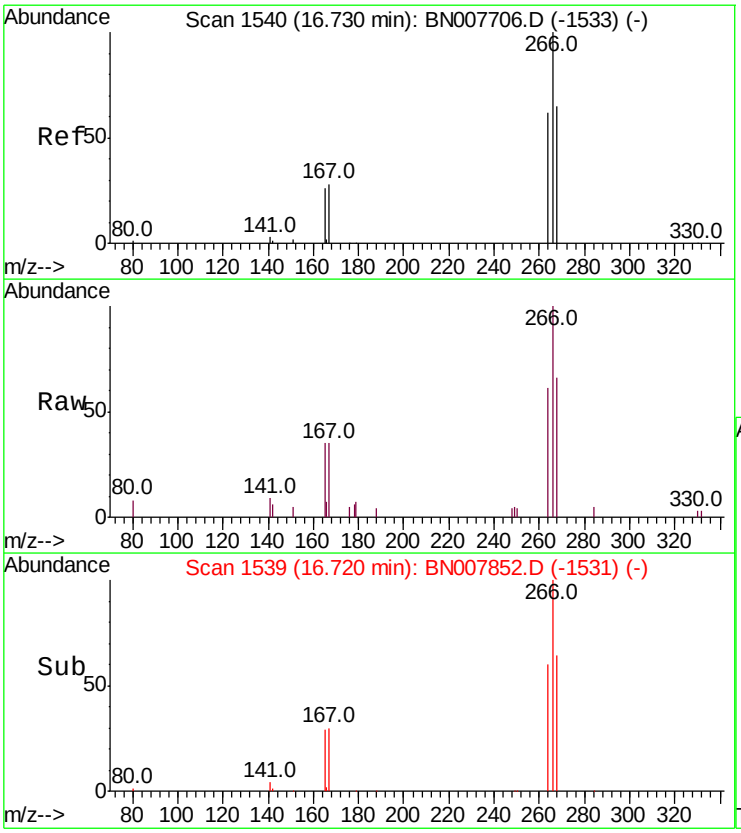
#21
Hexachlorobenzene
Concen: 0.462 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:284 Resp: 11948

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.8	38.6
249	31.0	25.9	38.9

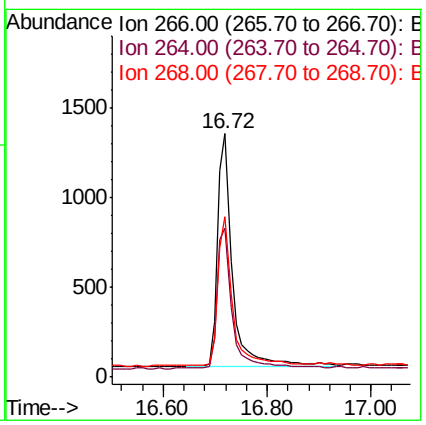


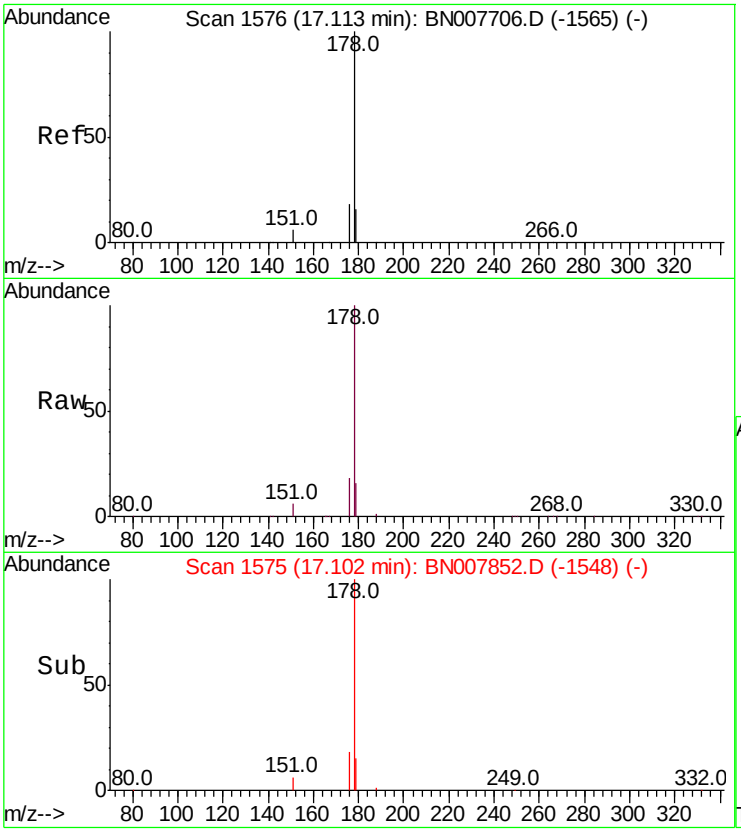


#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:266 Resp: 2619

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.0	75.0
268	65.9	54.2	81.4



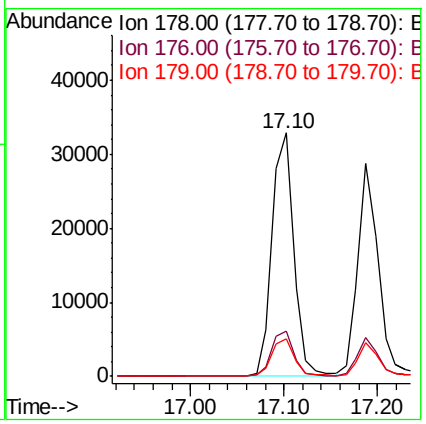


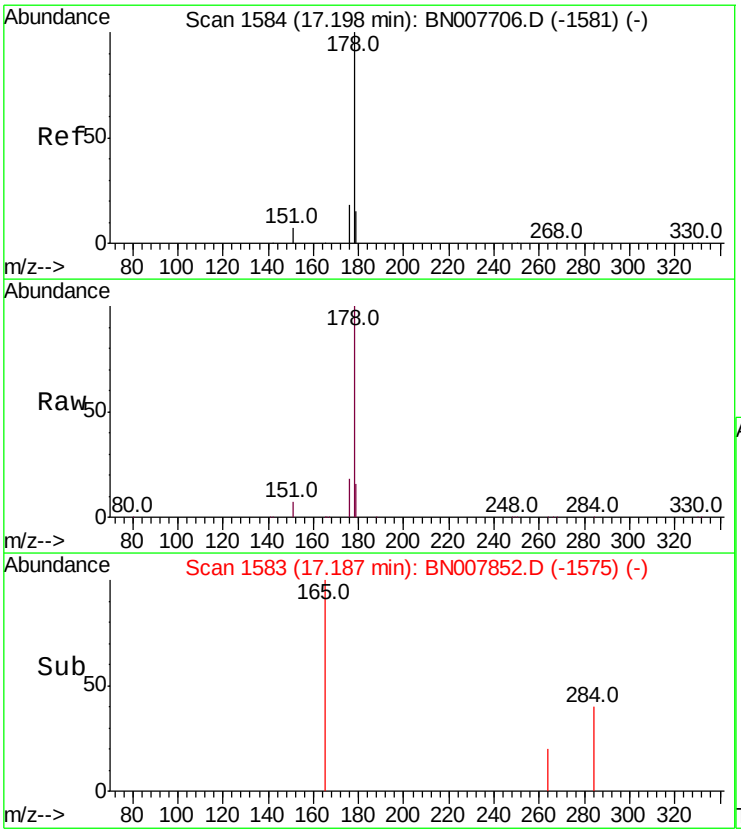
#23
Phenanthrene
Concen: 0.432 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:178 Resp: 52524

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.5	18.7

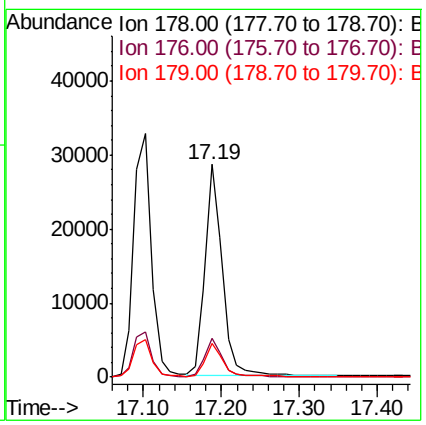


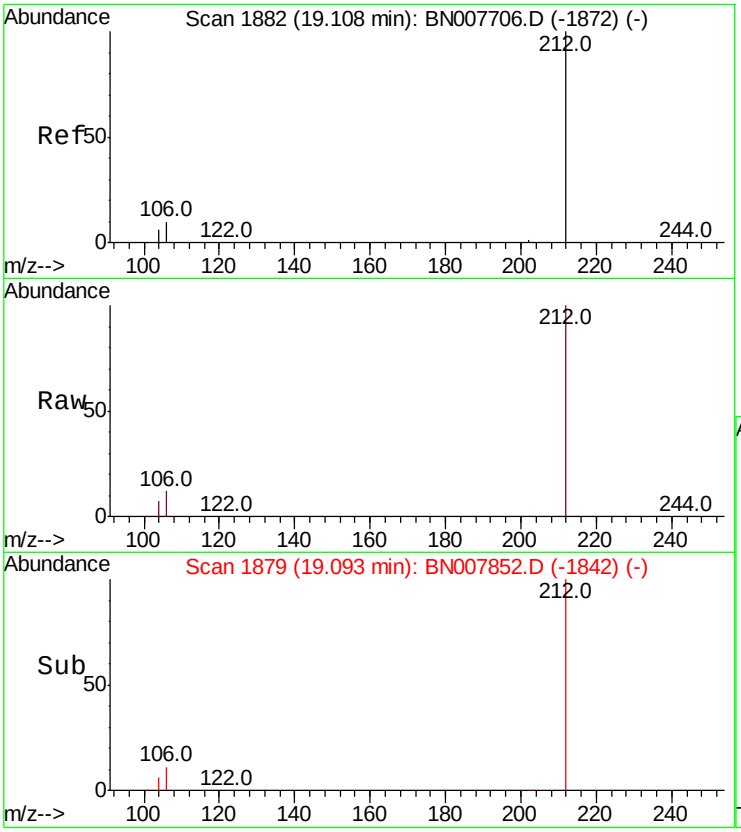


#24
Anthracene
Concen: 0.399 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:178 Resp: 43833

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.2	18.4



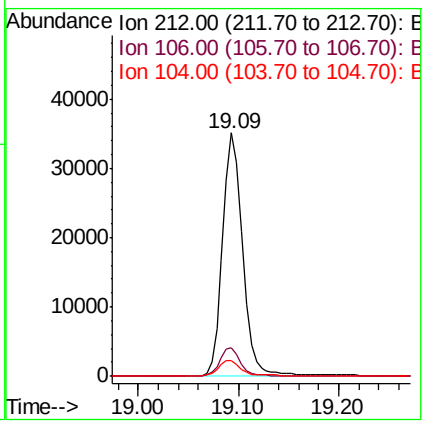


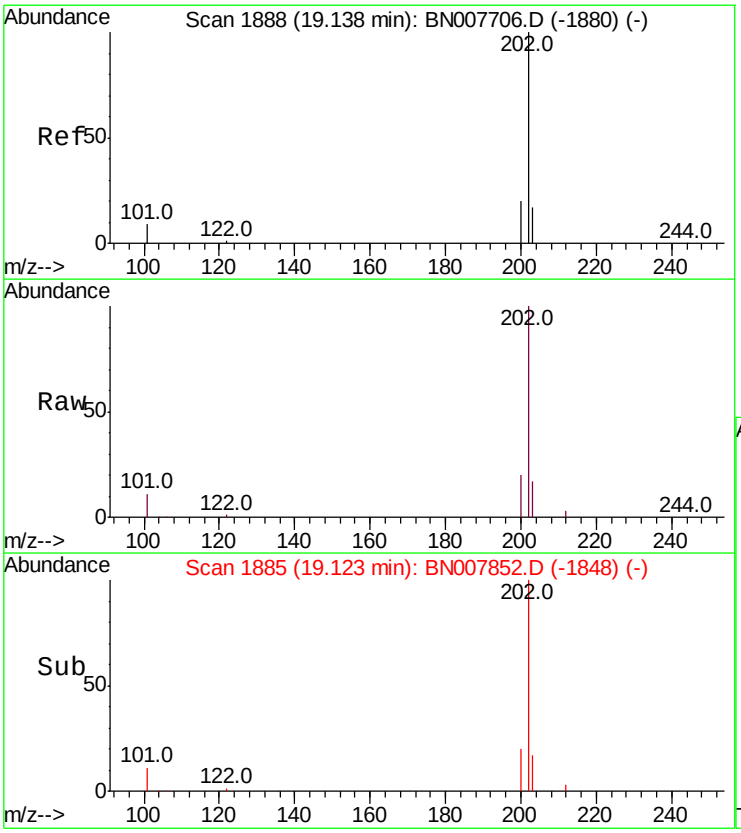
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:212 Resp: 48689

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.7	5.3	7.9

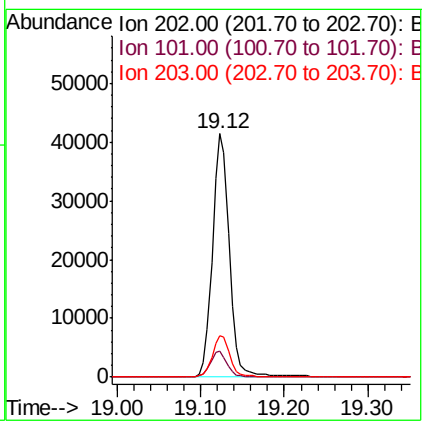


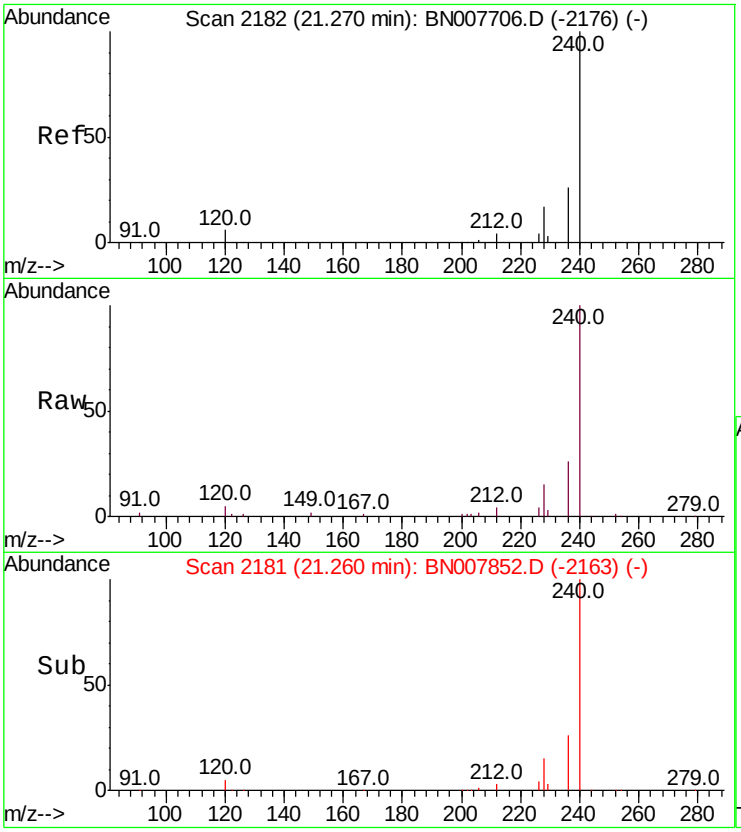


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:202 Resp: 57323

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	17.1	13.8	20.8



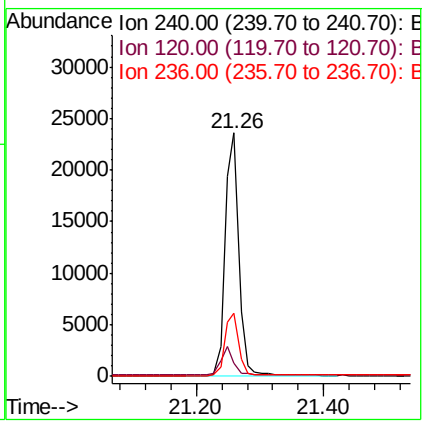


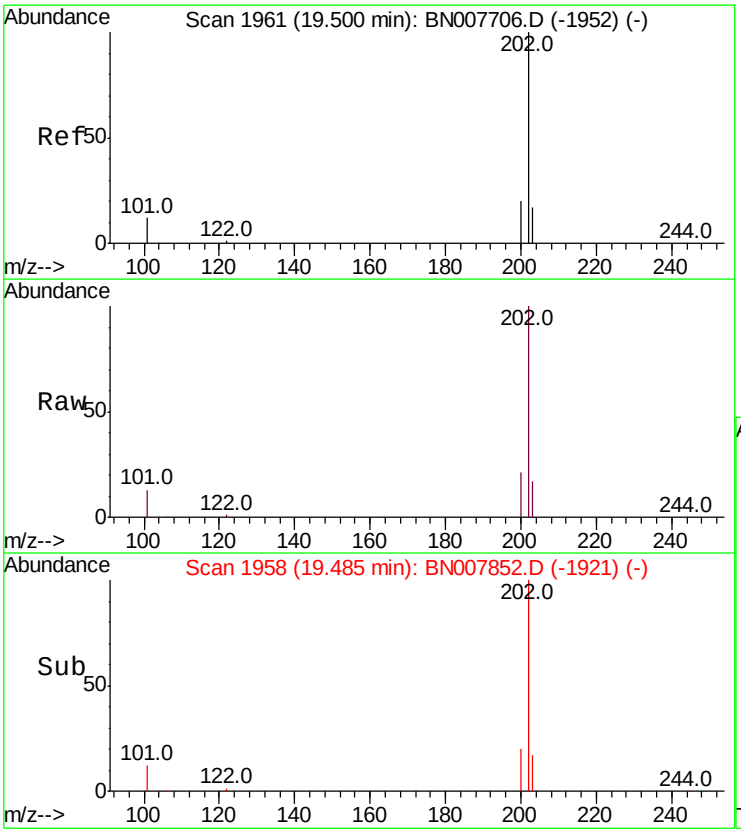
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:240 Resp: 34790

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.4	8.2
236	25.8	21.0	31.4

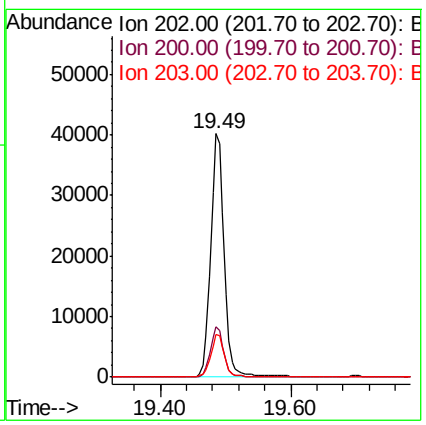


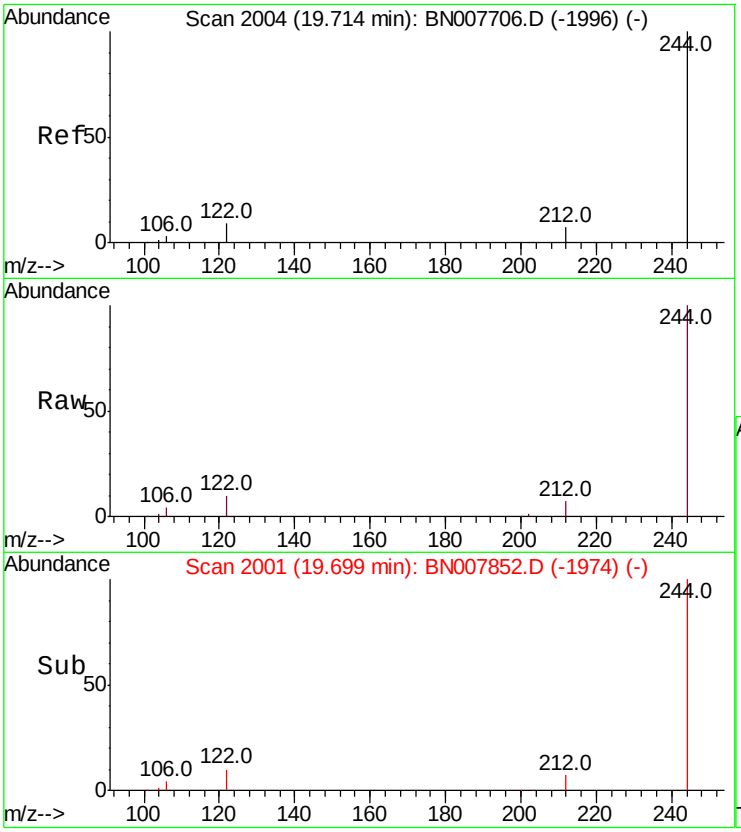


#28
Pyrene
Concen: 0.476 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:202 Resp: 56490

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.4	14.1	21.1



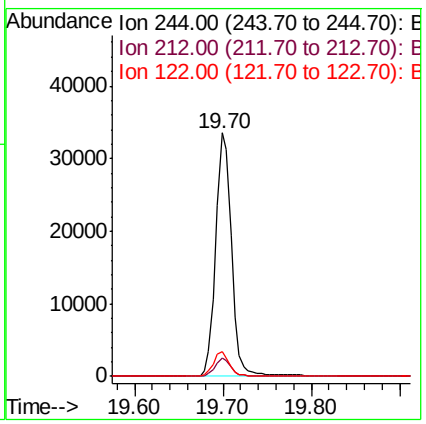


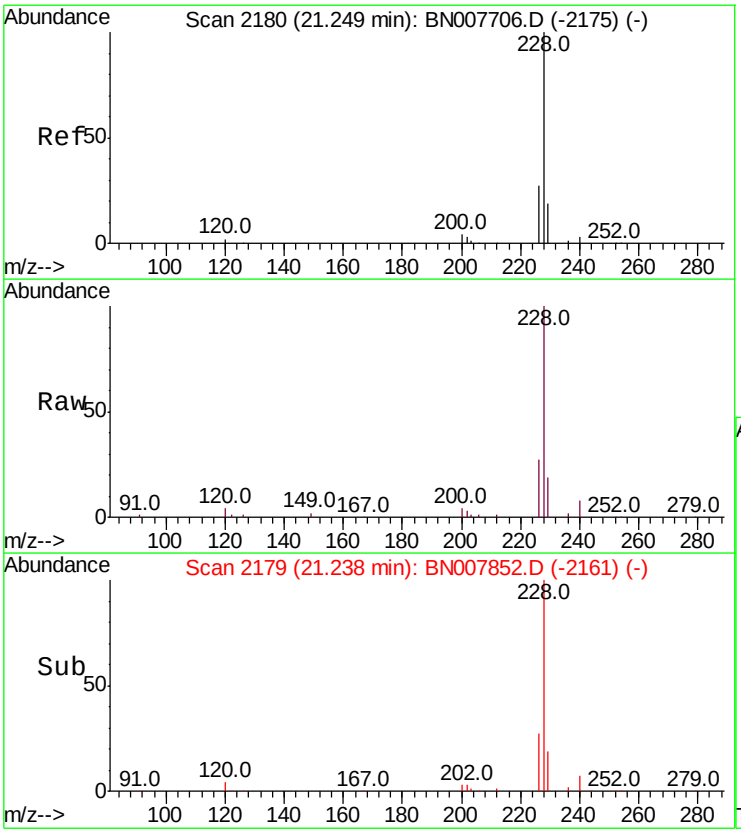
#29
Terphenyl-d14
Concen: 0.482 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:244 Resp: 41175

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.2	7.4	11.2

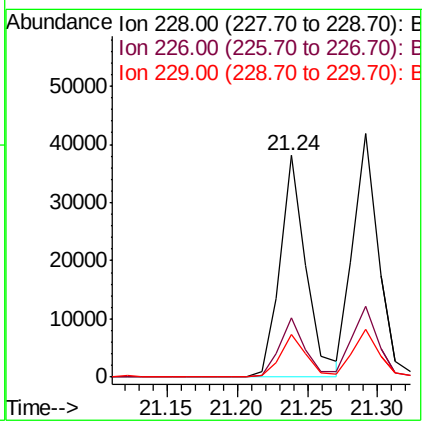


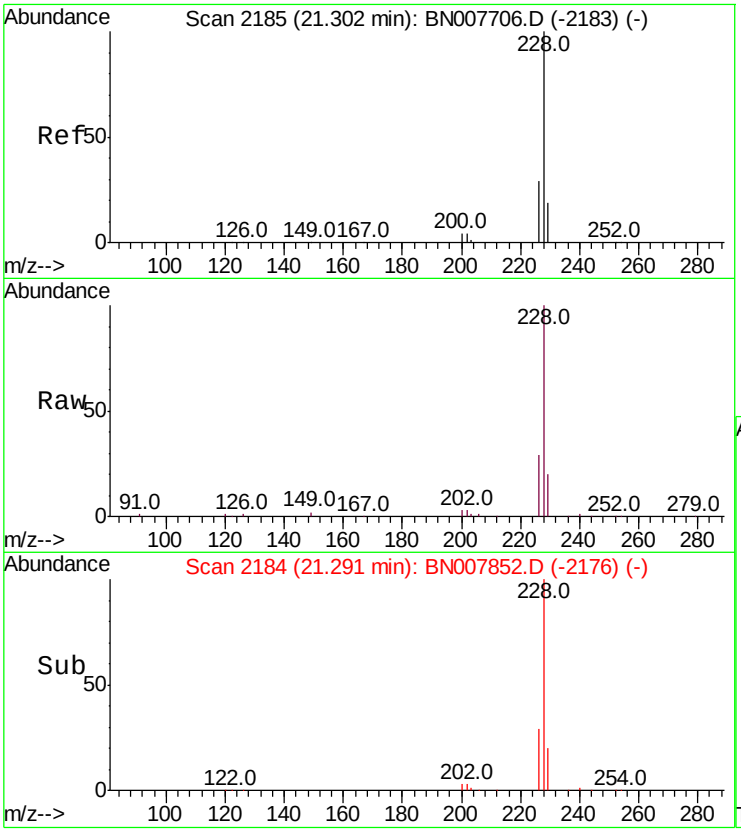


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:228 Resp: 49273

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	19.3	15.8	23.6



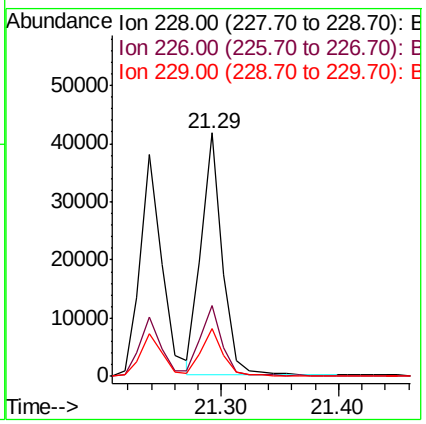


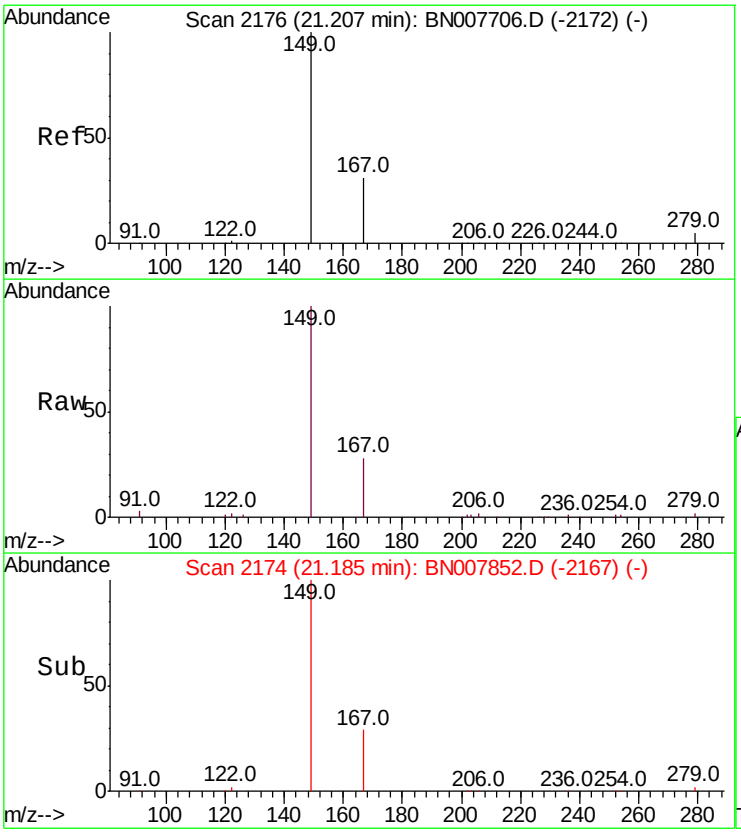
#31
Chrysene
Concen: 0.422 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:228 Resp: 52683

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.8	15.8	23.6

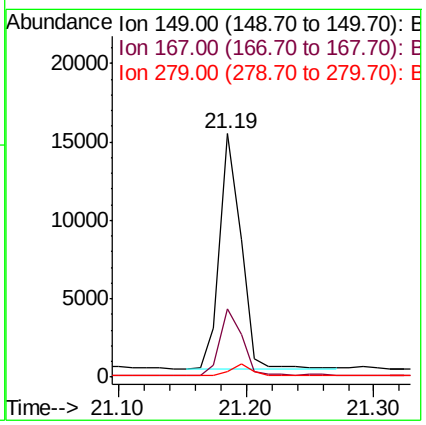


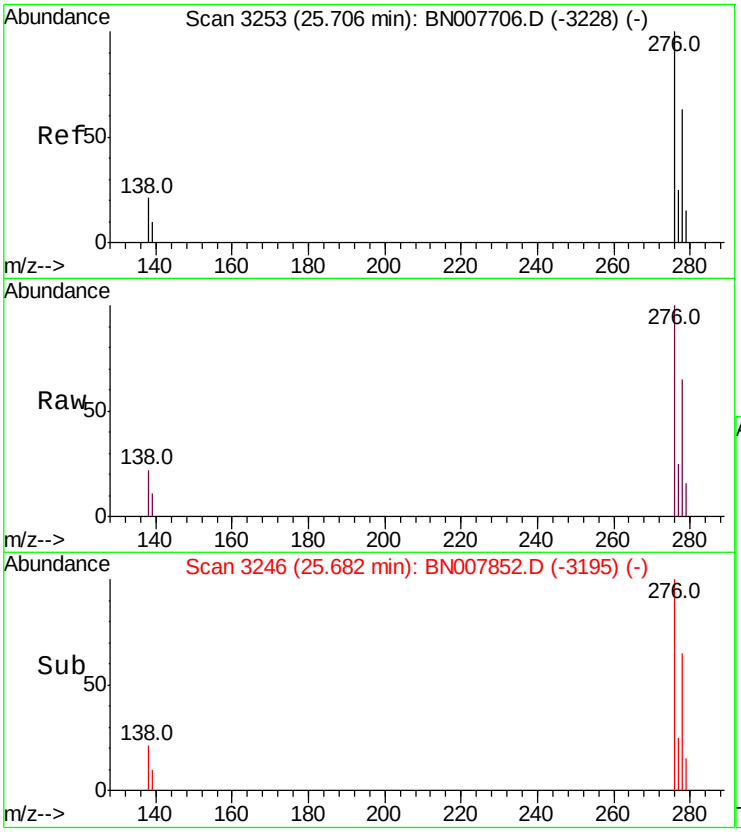


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:149 Resp: 17158

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	5.2	4.2	6.2



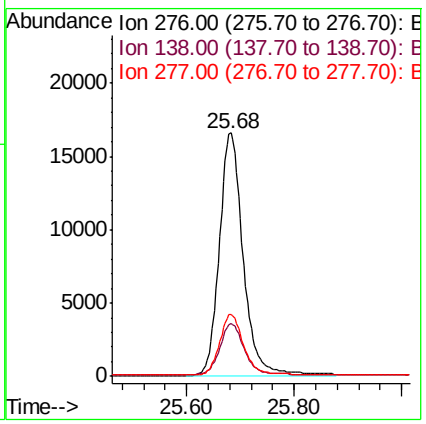


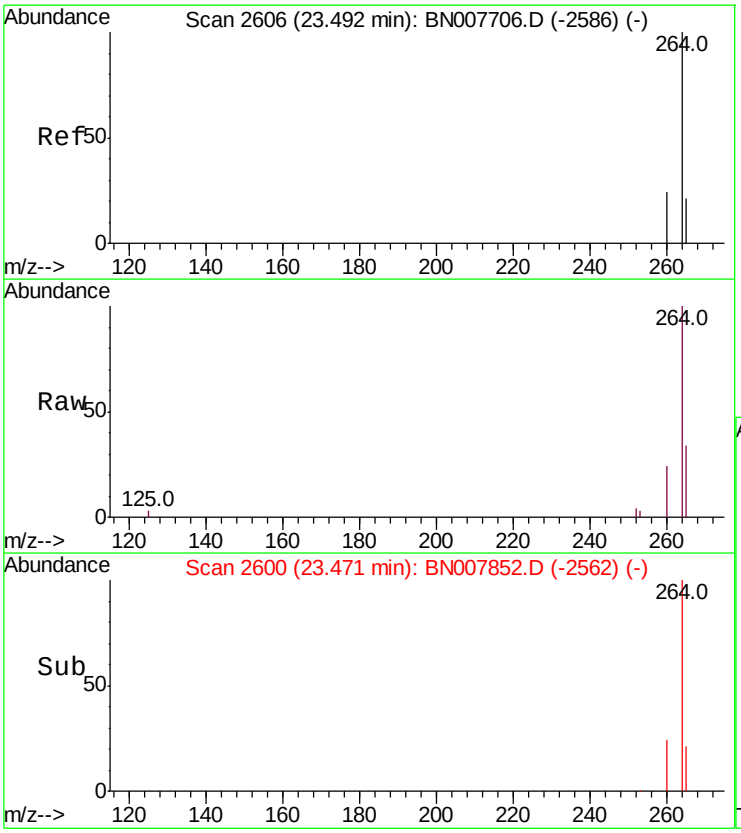
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:276 Resp: 50747

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.1	25.7
277	24.9	20.0	30.0

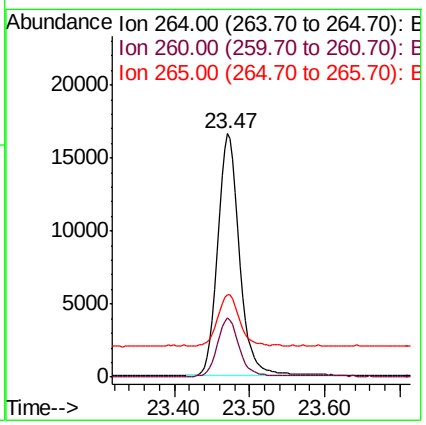


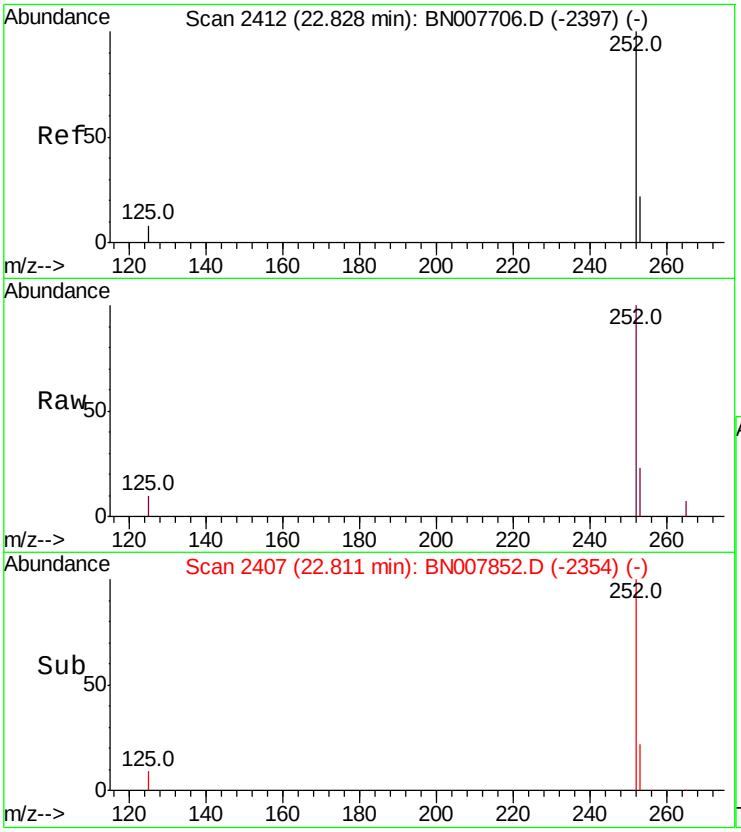


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:264 Resp: 33273

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	33.9	26.9	40.3



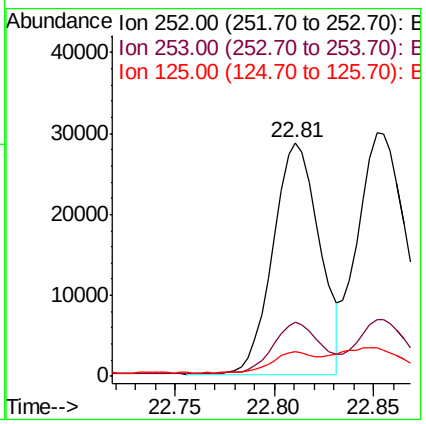


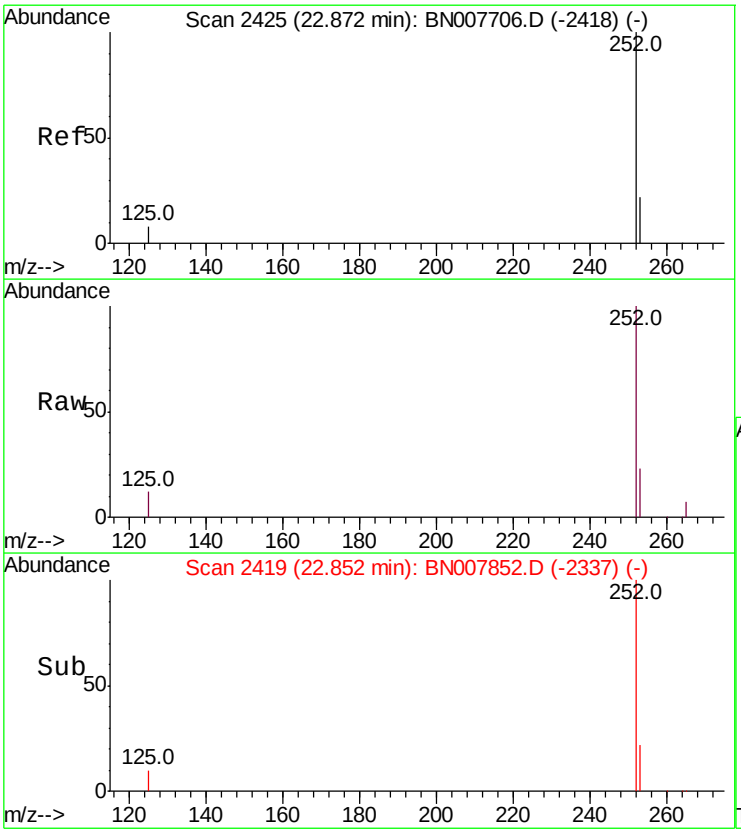
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:252 Resp: 46642

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.5	8.2	12.4

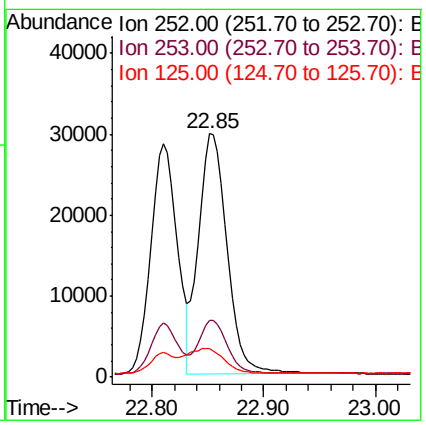


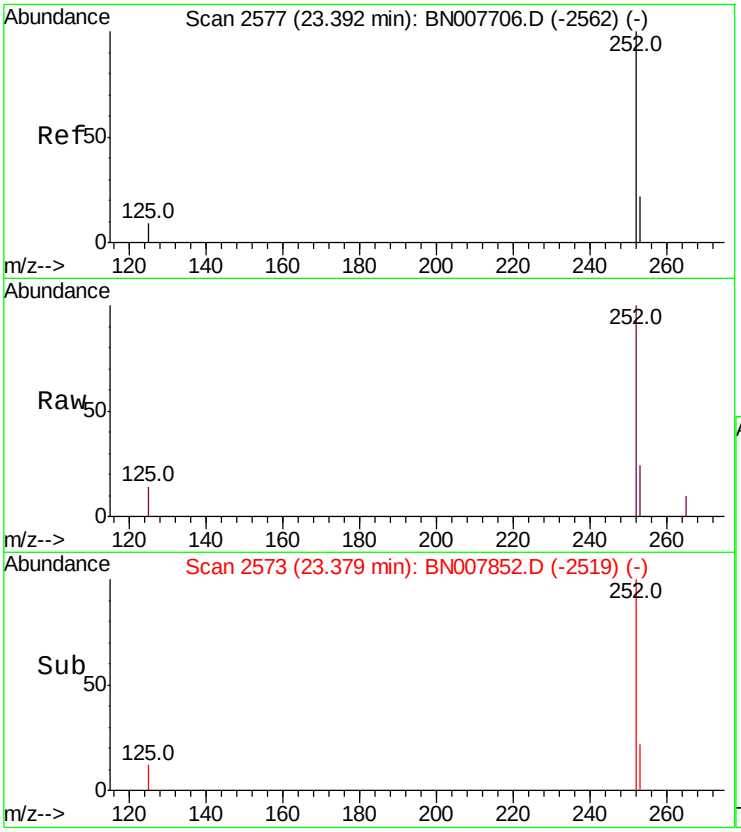


#36
Benzo(k)fluoranthene
Concen: 0.462 ng
RT: 22.85 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:252 Resp: 52746

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.7	8.4	12.6



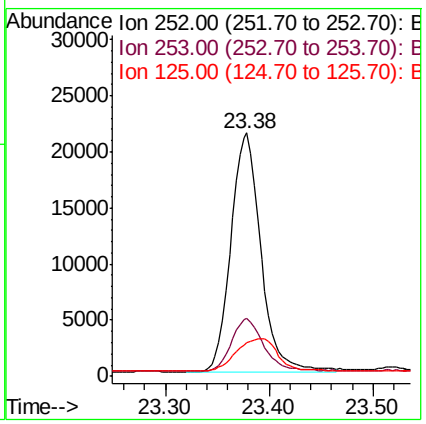


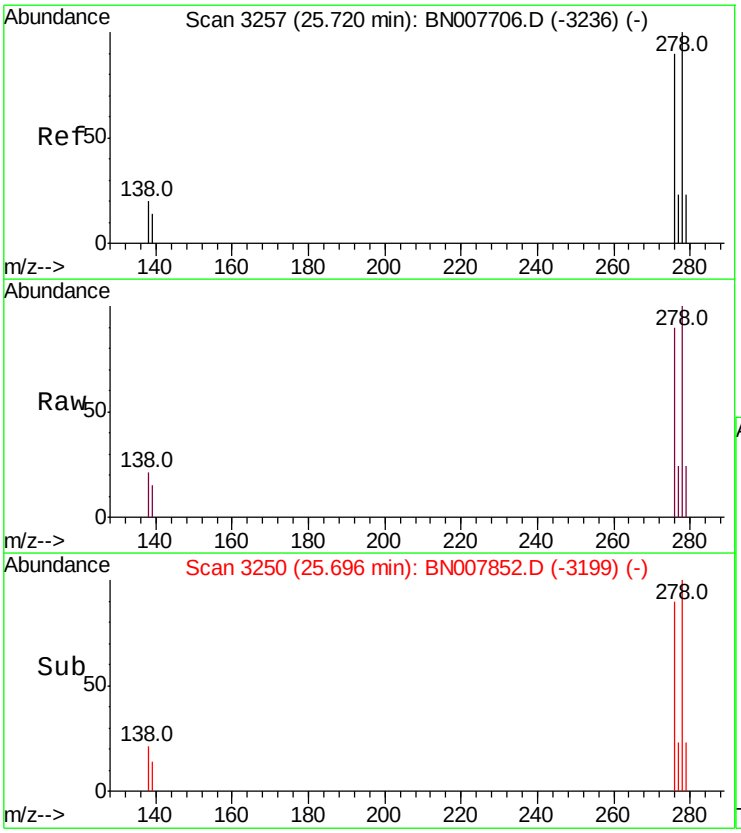
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:252 Resp: 43171

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	13.8	9.4	14.0

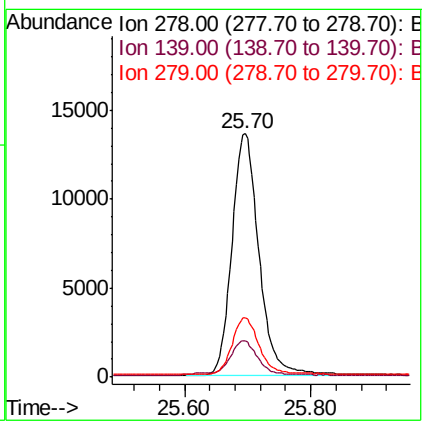


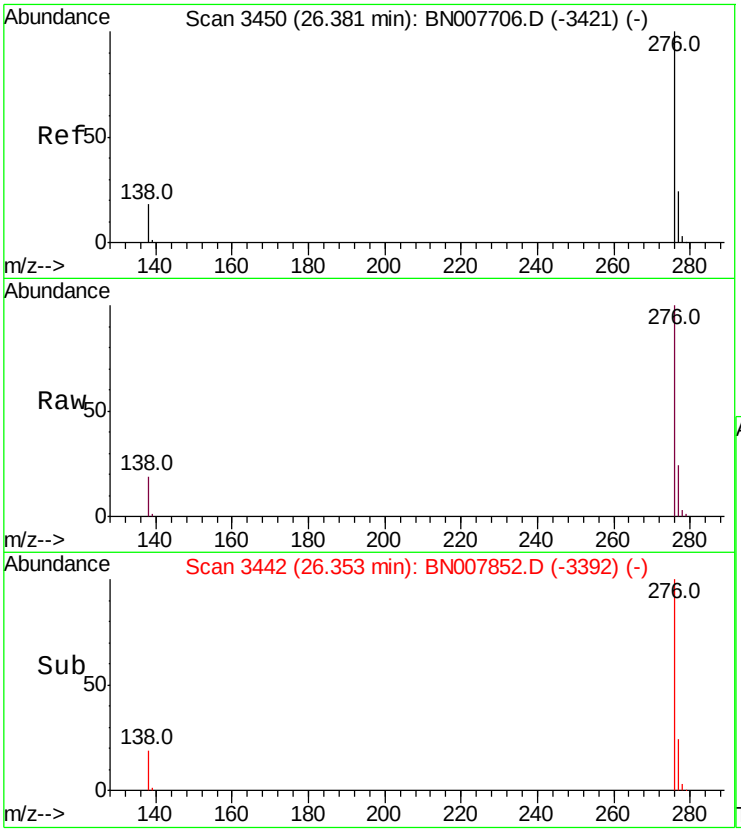


#38
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:278 Resp: 40760

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tgt Ion:276 Resp: 40500

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	19.3	15.1	22.7