Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007853.D
Acq On : 25 Sep 2019 14:36
Operator : JU
Sample : PB123248BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123248BSD

Quant Time: Sep 26 03:52:49 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	7738	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	29672	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	17267	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	34102	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	29775	0.40	ng		-0.01
34) Perylene-d12	23.47	264	29733	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	8586	0.32	ng		0.00
5) Phenol-d6	6.86	99	10705	0.32	ng		0.00
8) Nitrobenzene-d5	8.83	82	9472	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	20948	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2156	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	29468	0.41	ng		-0.01
25) Fluoranthene-d10	19.09	212	40968	0.36	ng		-0.01
29) Terphenyl-d14	19.70	244	34406	0.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3677	0.426	ng	#	84
3) n-Nitrosodimethylamine	3.00	42	2559	0.648	ng	#	93
6) bis(2-Chloroethyl)ether	7.13	93	8896	0.406	ng		98
9) Naphthalene	10.51	128	35541	0.427	ng		100
10) Hexachlorobutadiene	10.81	225	7550	0.430	ng	#	99
12) 2-Methylnaphthalene	12.13	142	23808	0.423	ng		100
16) Acenaphthylene	14.02	152	33097	0.361	ng		100
17) Acenaphthene	14.38	154	22347	0.379	ng		96
18) Fluorene	15.36	166	28262	0.373	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	9193	0.444	ng		99
21) Hexachlorobenzene	16.38	284	10605	0.469	ng		99
22) Pentachlorophenol	16.72	266	2239	0.268	ng		99
23) Phenanthrene	17.10	178	45593	0.429	ng		100
24) Anthracene	17.19	178	37850	0.394	ng		100
26) Fluoranthene	19.12	202	48181	0.365	ng		100
28) Pyrene	19.49	202	47726	0.470	ng		100
30) Benzo(a)anthracene	21.24	228	41006	0.374	ng		99
31) Chrysene	21.29	228	45127	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	12930	0.229	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	47073	0.352	ng		99
35) Benzo(b)fluoranthene	22.81	252	42167	0.409	ng		100
36) Benzo(k)fluoranthene	22.86	252	46716	0.458	ng		100
37) Benzo(a)pyrene	23.38	252	38009	0.392	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	38231	0.385	ng		100
39) Benzo(g,h,i)perylene	26.35	276	38291	0.390	ng		99

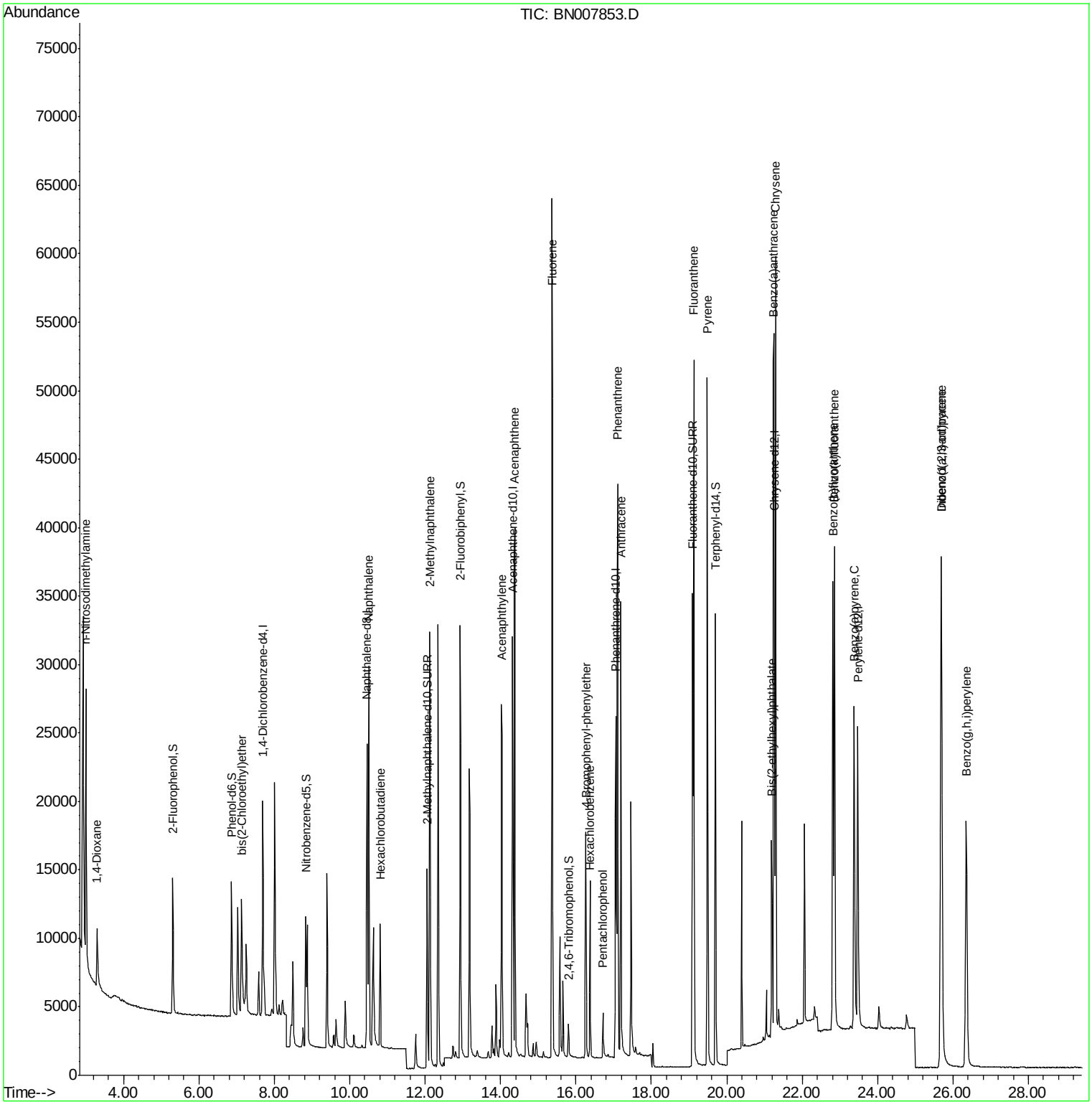
(#) = qualifier out of range (m) = manual integration (+) = signals summed

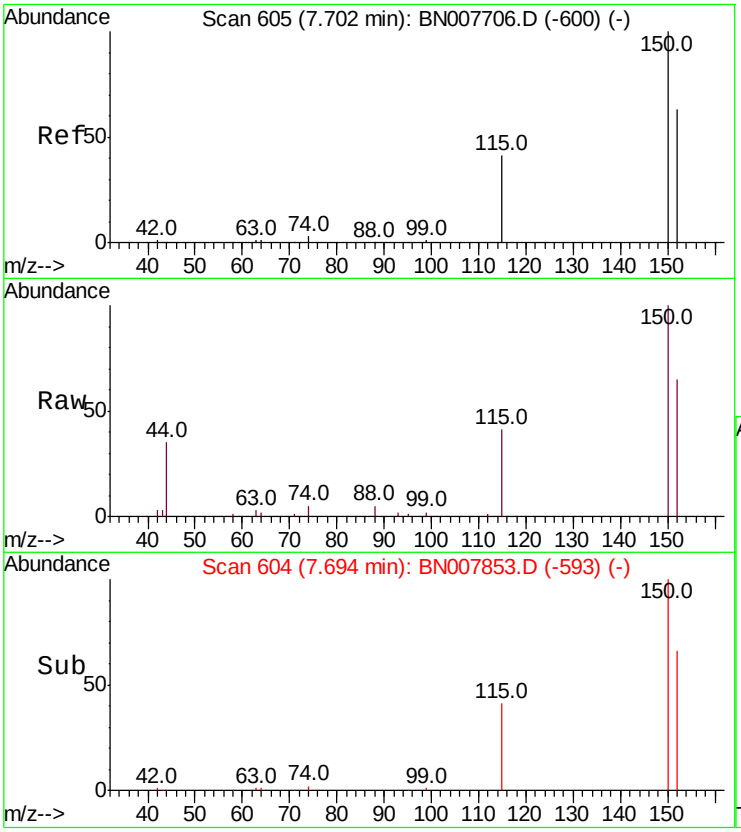
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007853.D
Acq On : 25 Sep 2019 14:36
Operator : JU
Sample : PB123248BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123248BSD

Quant Time: Sep 26 03:52:49 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



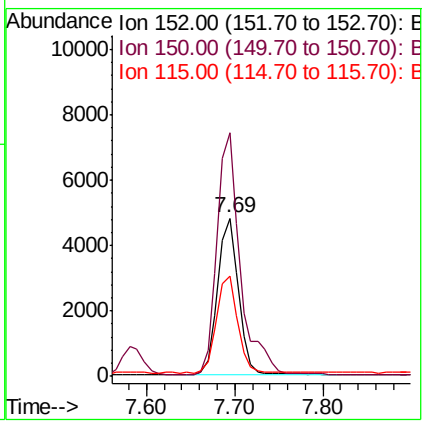


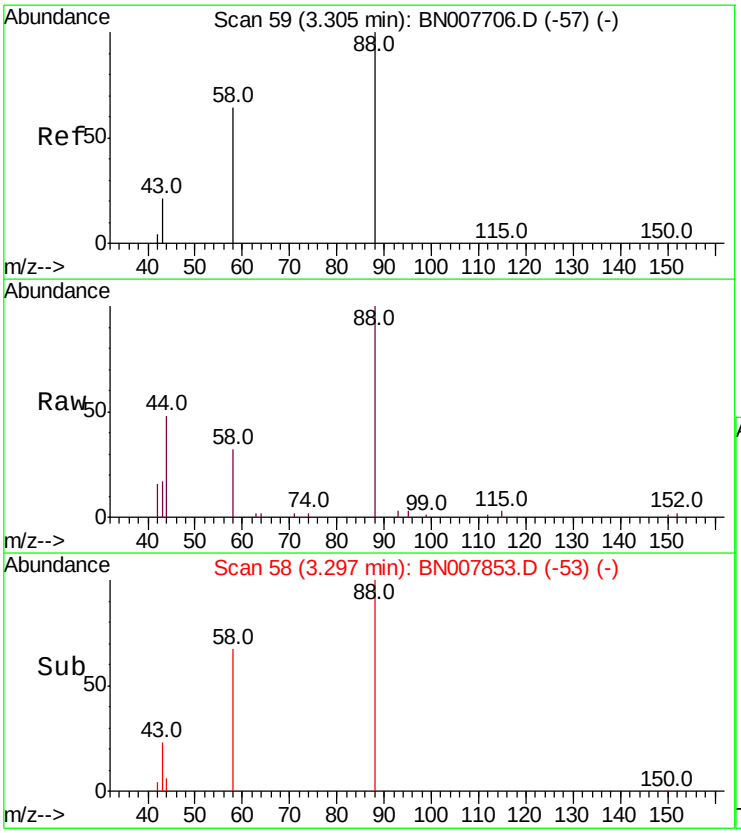
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:152 Resp: 7738

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	63.3	53.3	79.9

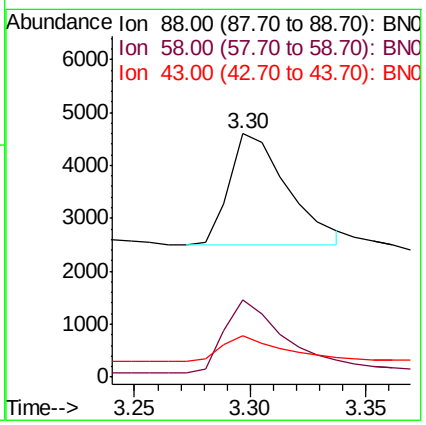


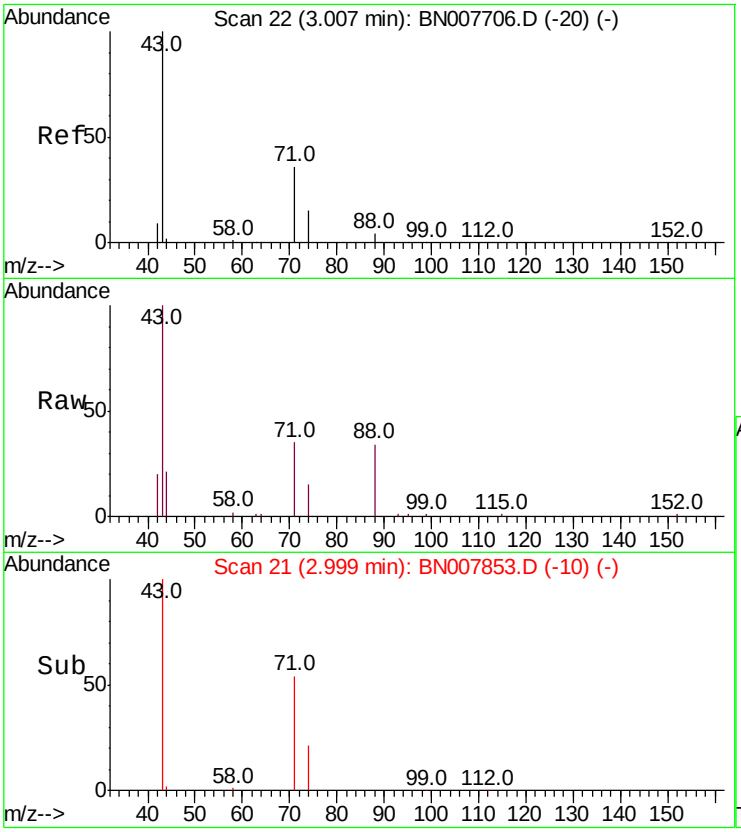


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion: 88 Resp: 3677

Ion	Ratio	Lower	Upper
88	100		
58	68.2	44.6	66.8#
43	23.1	14.4	21.6#



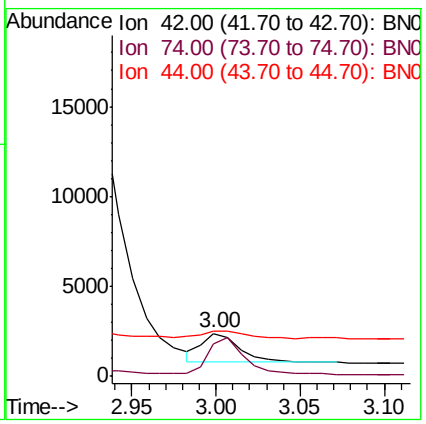


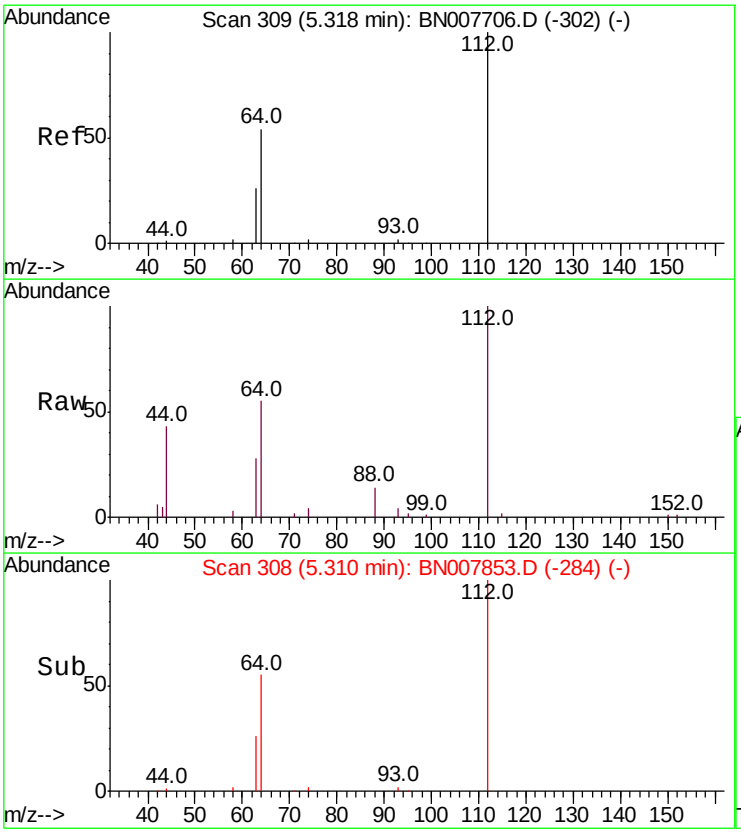
#3
n-Nitrosodimethylamine
Concen: 0.648 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion: 42 Resp: 2559

Ion	Ratio	Lower	Upper
42	100		
74	115.4	87.9	131.9
44	29.1	29.4	44.0#

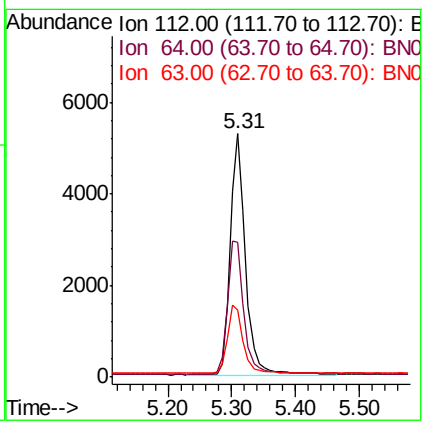


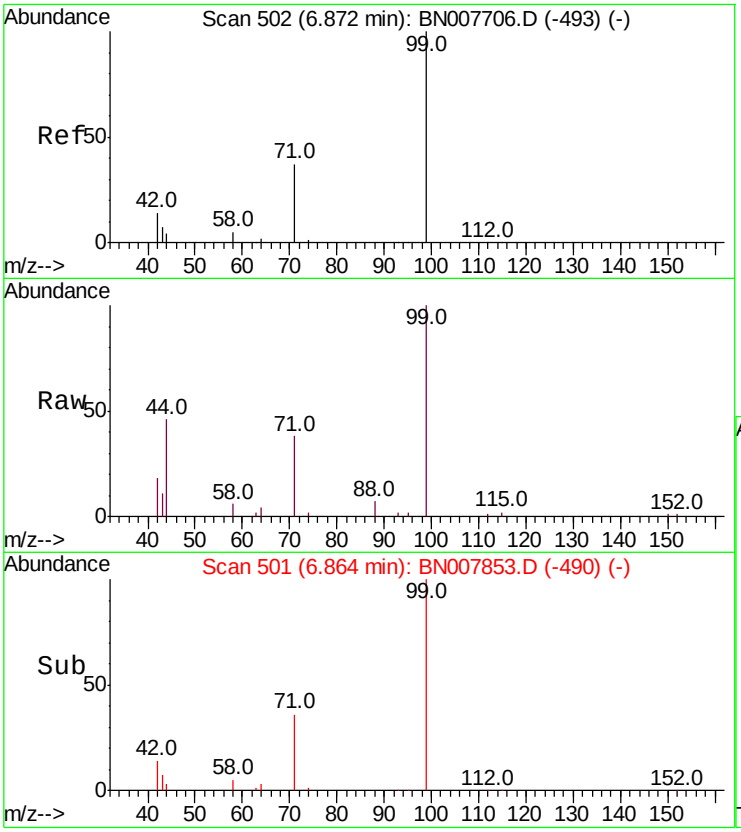


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:112 Resp: 8586

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.1	23.1	34.7



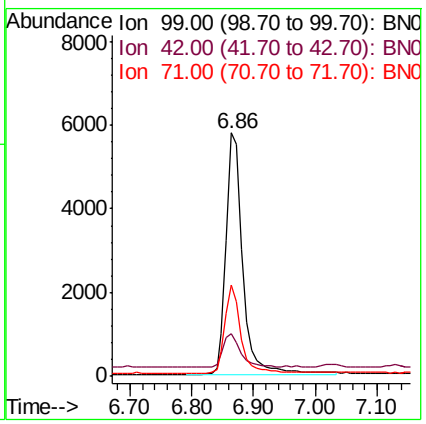


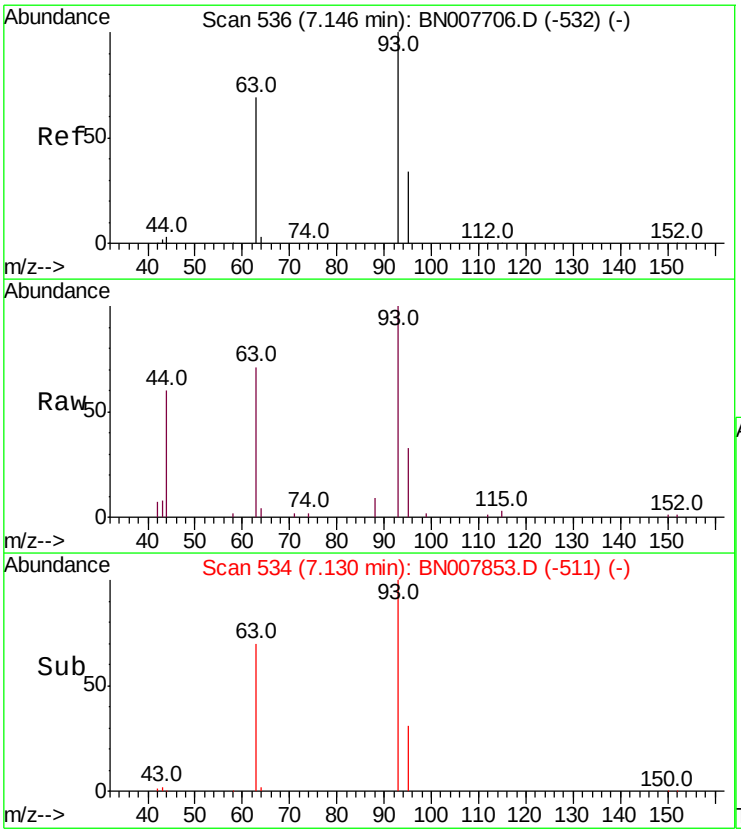
#5
Phenol-d6
Concen: 0.321 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion: 99 Resp: 10705

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	35.1	27.6	41.4

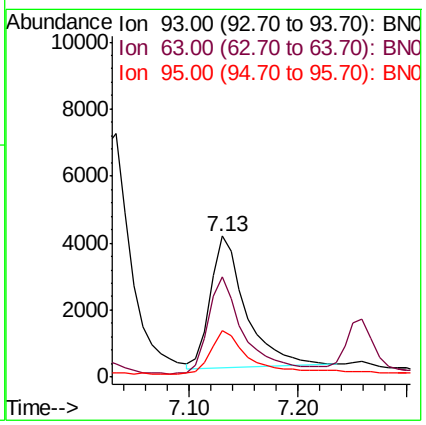


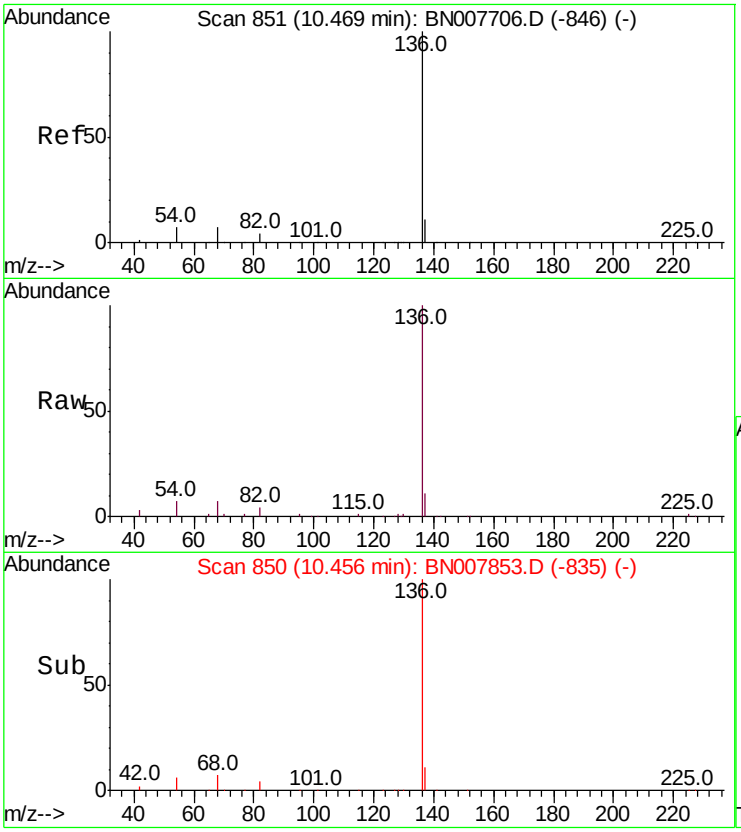


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion: 93 Resp: 8896

Ion	Ratio	Lower	Upper
93	100		
63	75.7	59.3	88.9
95	37.9	31.4	47.0



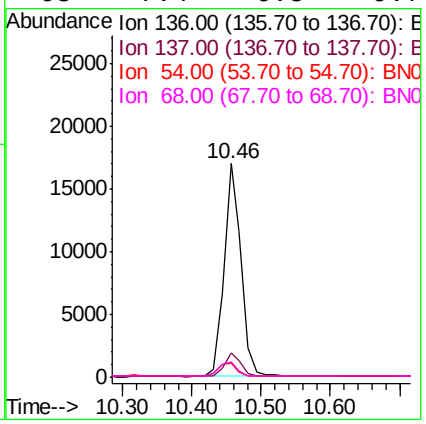


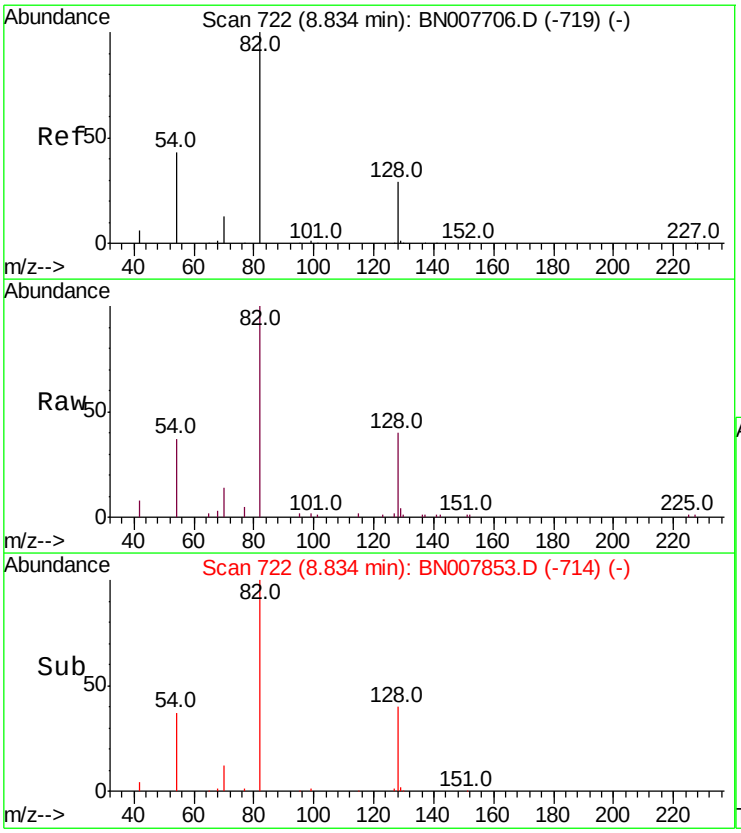
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:136 Resp: 29672

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	5.8	8.8
68	7.4	6.5	9.7

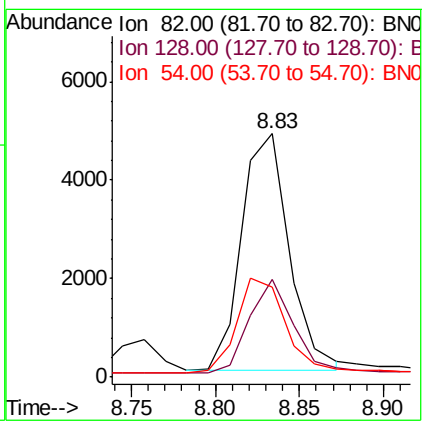


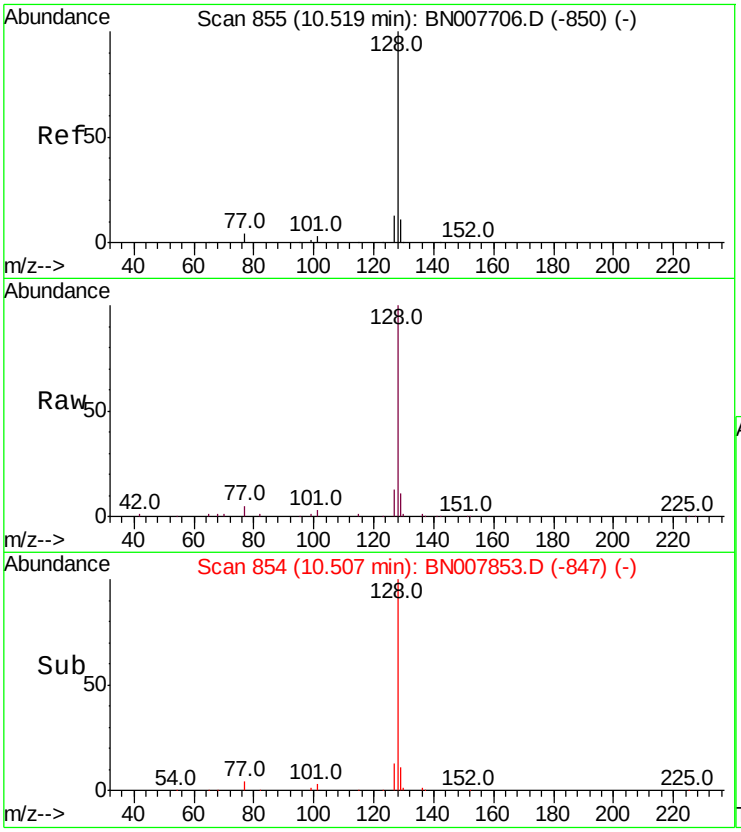


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion: 82 Resp: 9472

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.5	36.7#
54	37.0	35.2	52.8



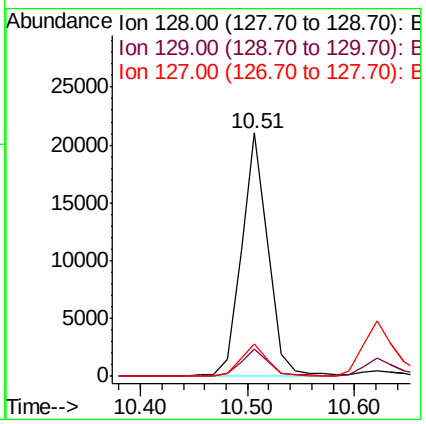


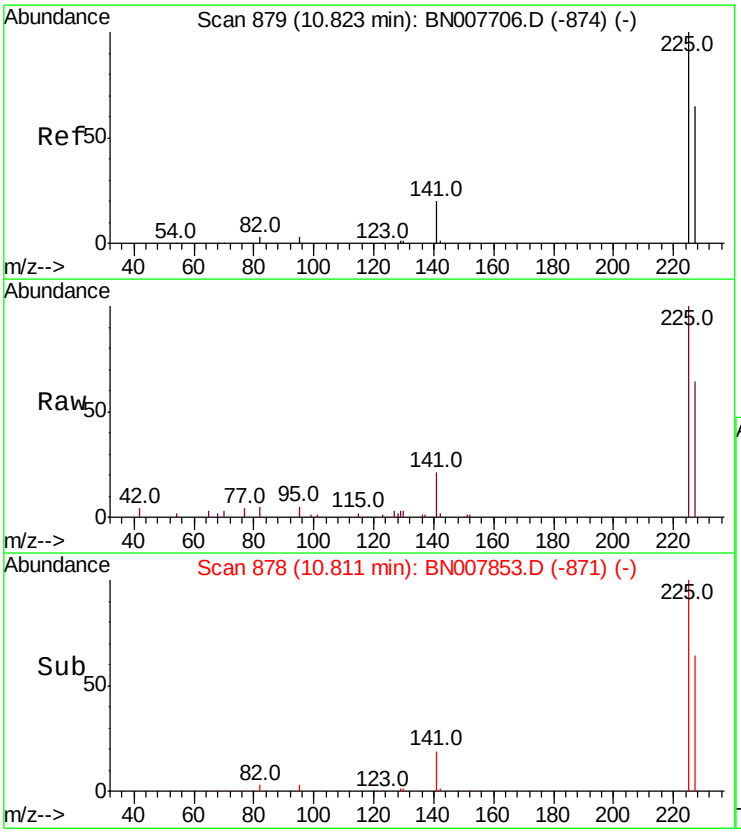
#9
Naphthalene
Concen: 0.427 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:128 Resp: 35541

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.6	15.8

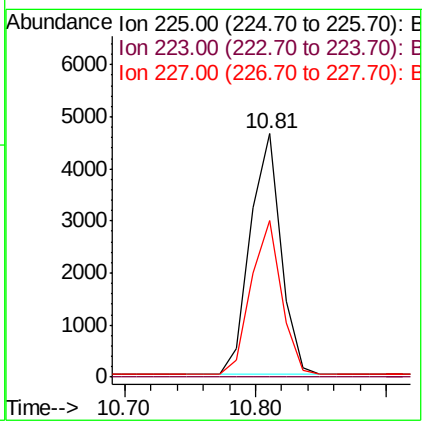


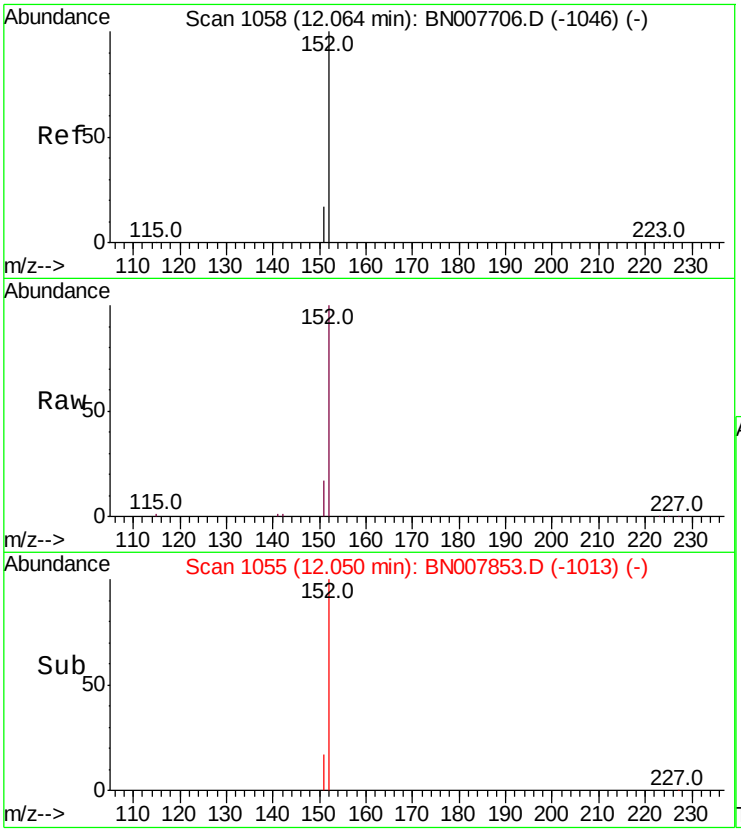


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:225 Resp: 7550

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



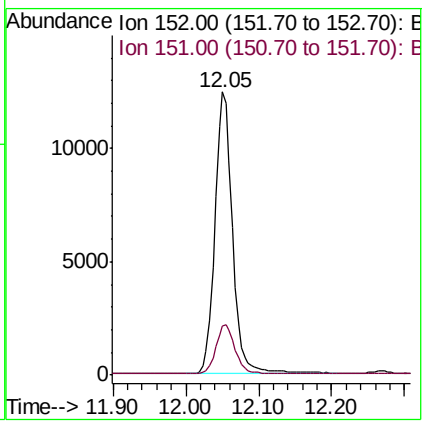


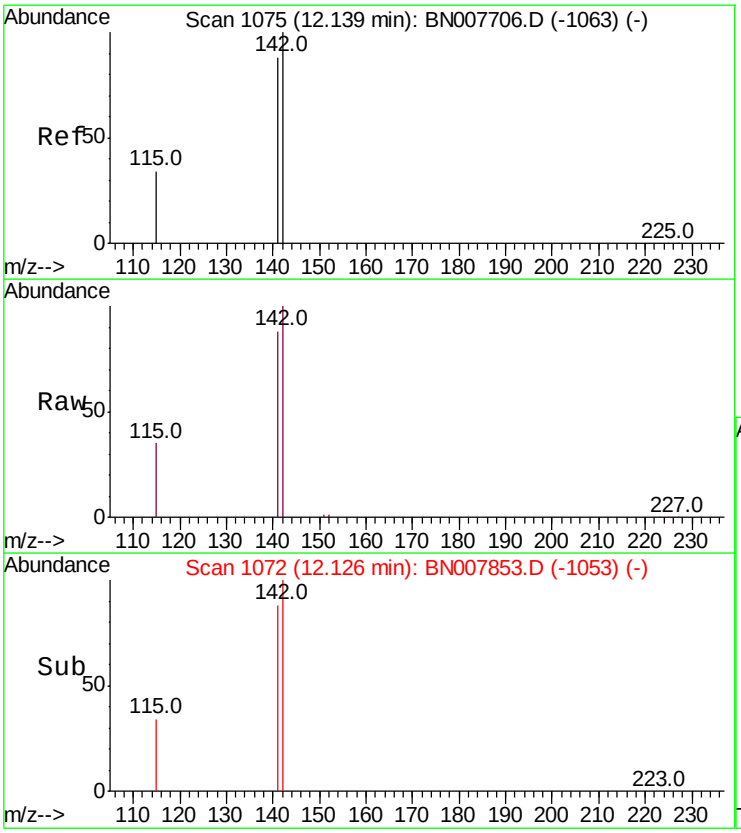
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:152 Resp: 20948

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2

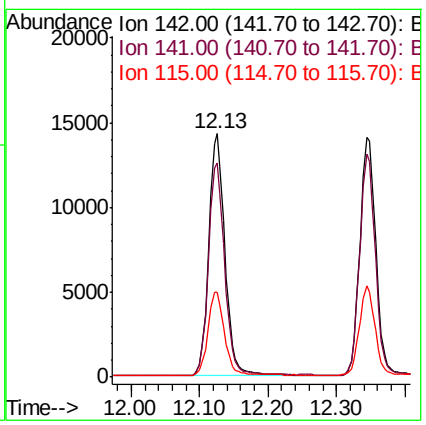


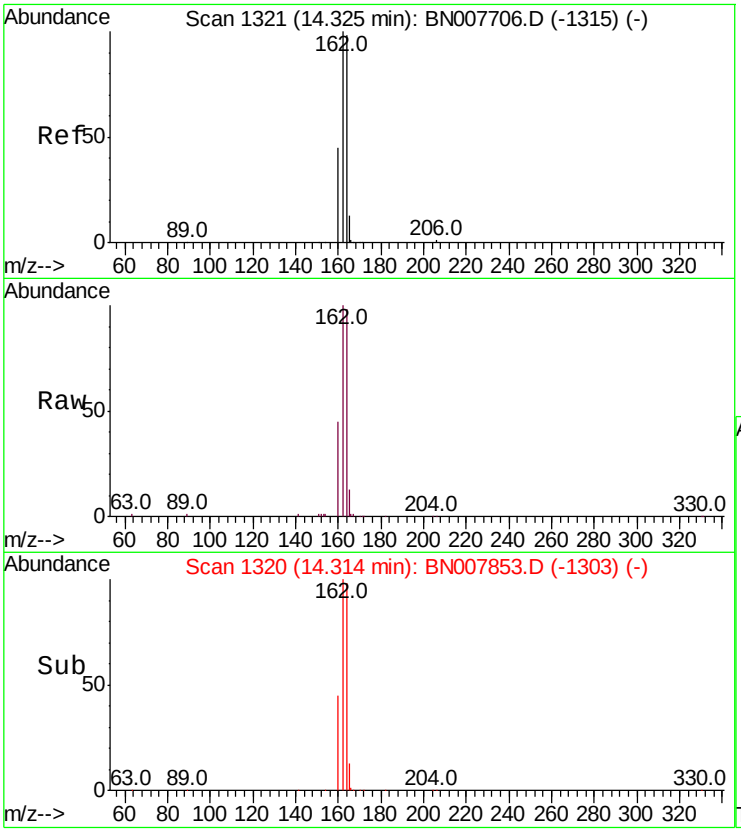


#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:142 Resp: 23808

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	34.9	28.3	42.5



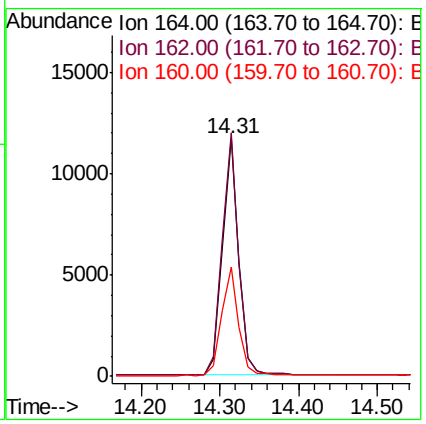


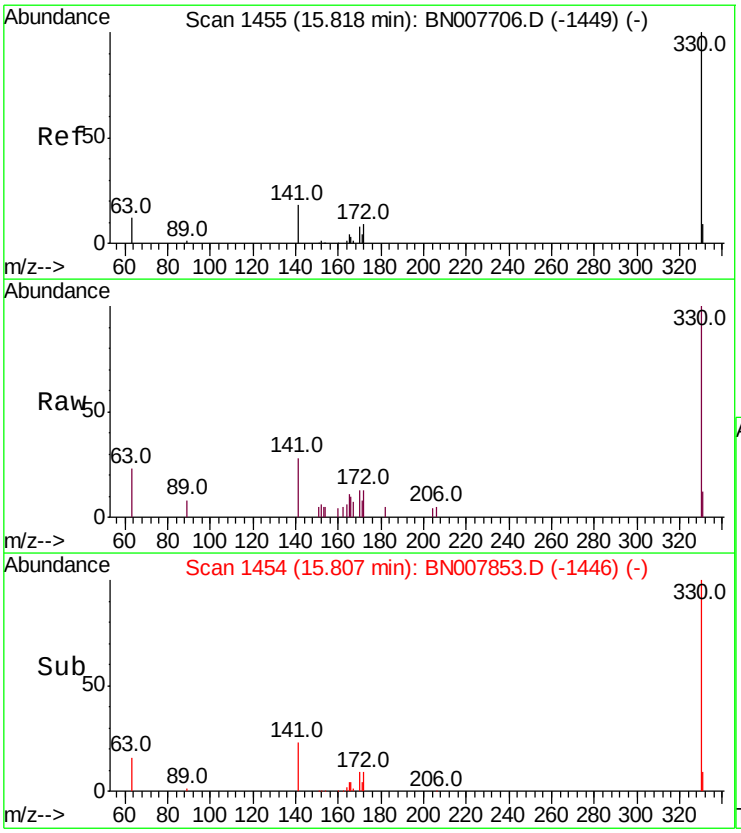
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:164 Resp: 17267

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	46.1	37.0	55.4

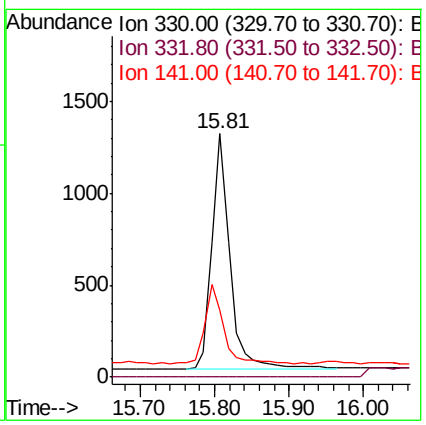


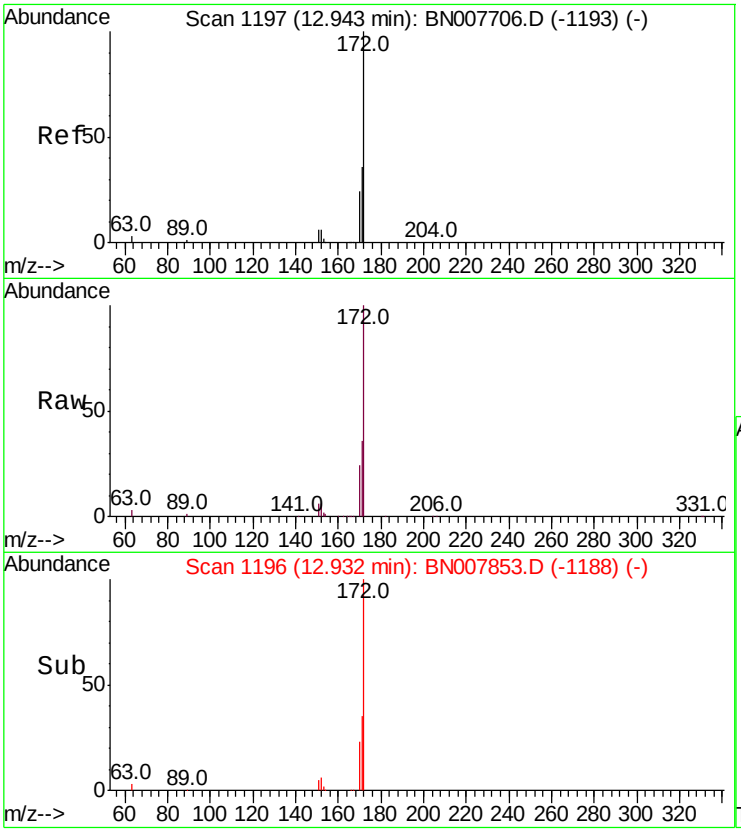


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:330 Resp: 2156

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	28.7	43.1



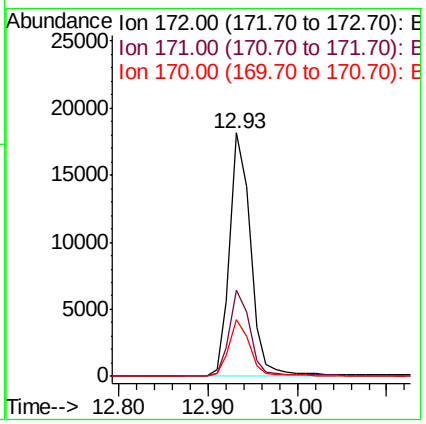


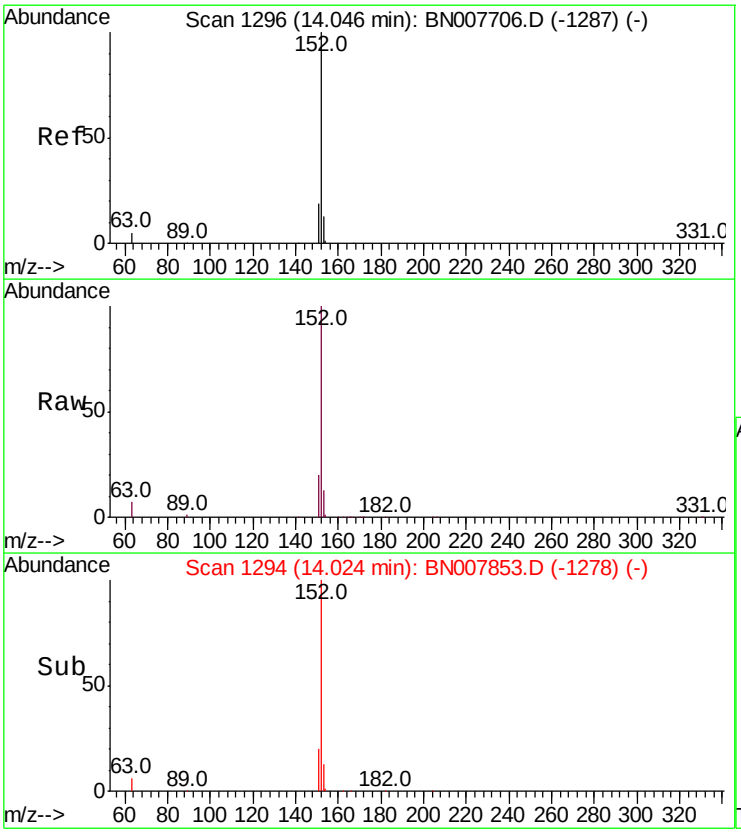
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:172 Resp: 29468

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.5	19.5	29.3

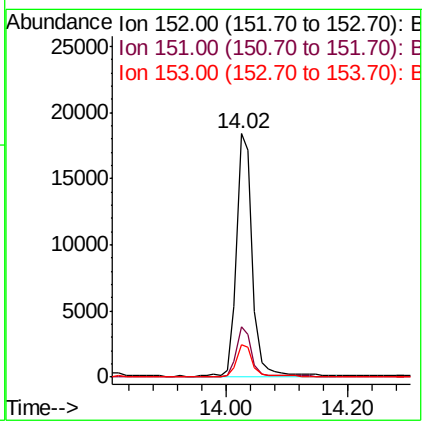


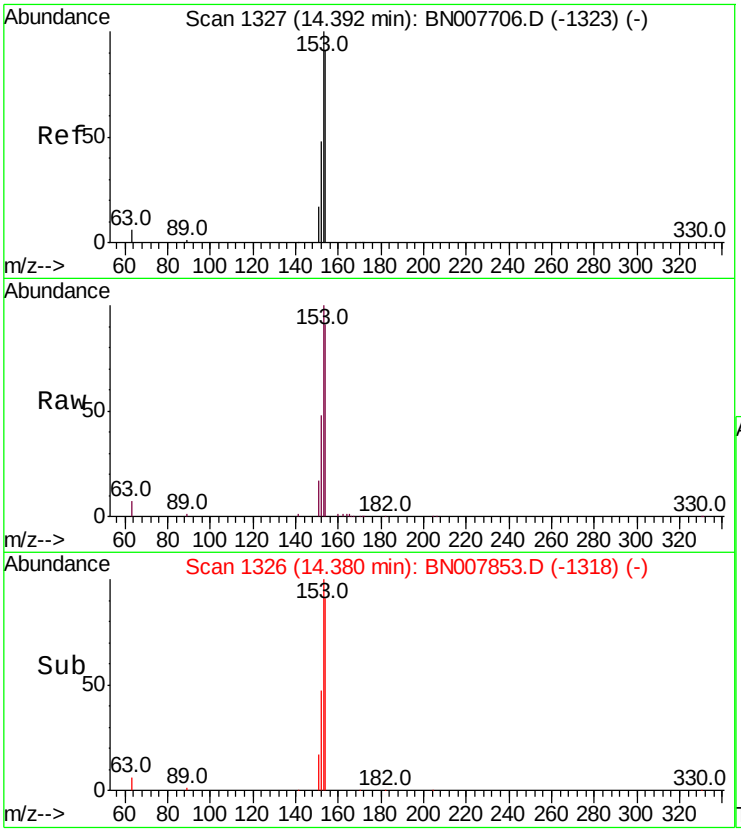


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:152 Resp: 33097

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.4	15.6



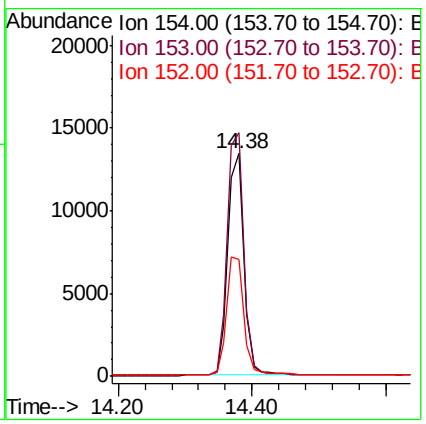


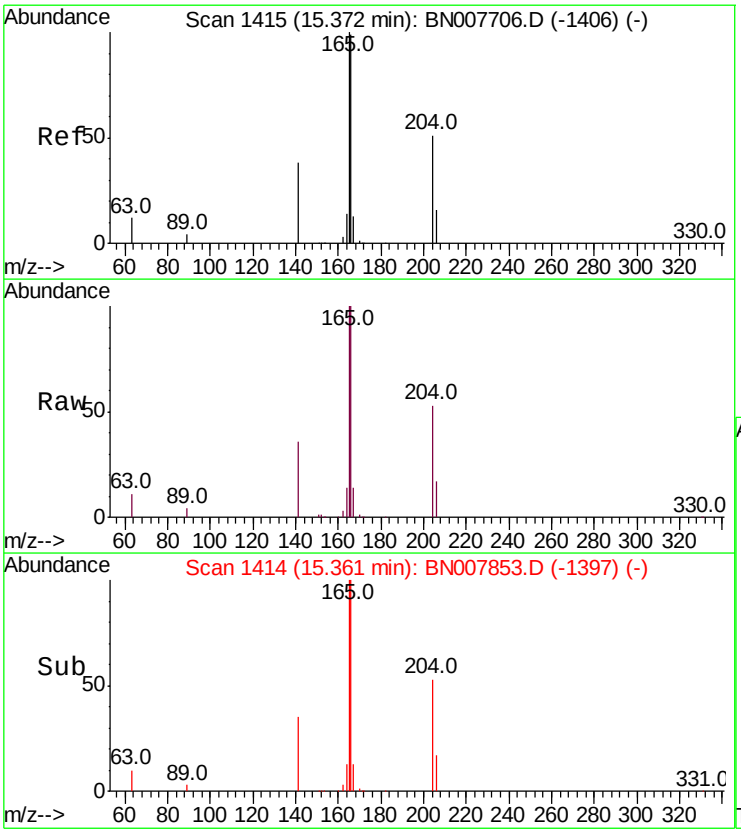
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:154 Resp: 22347

Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.0	130.4
152	55.8	42.7	64.1

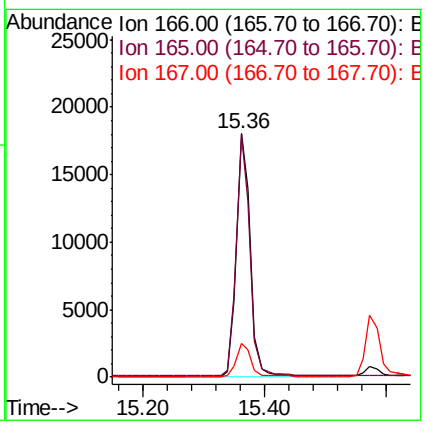


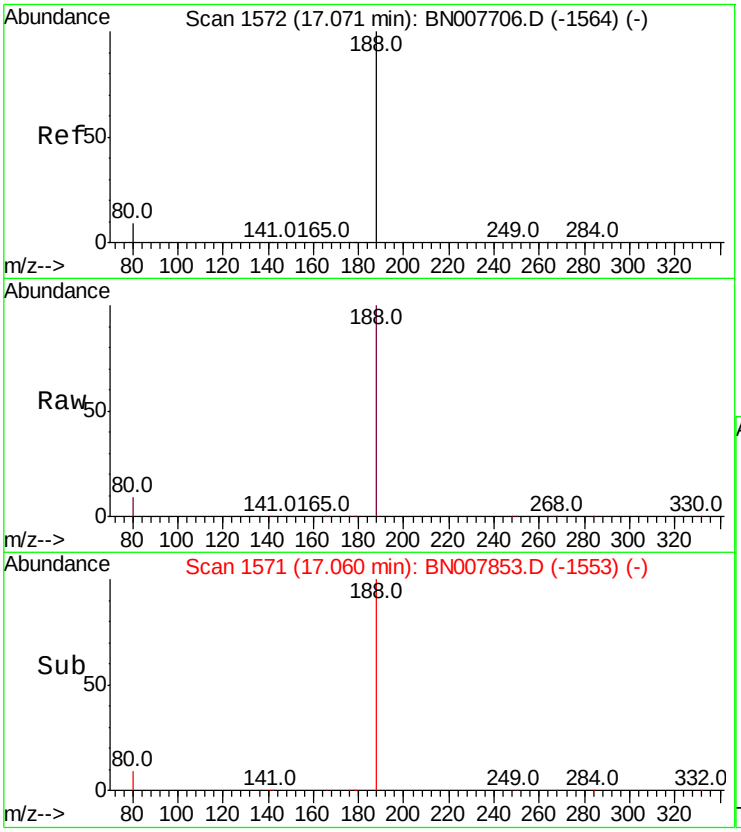


#18
Fluorene
Concen: 0.373 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:166 Resp: 28262

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



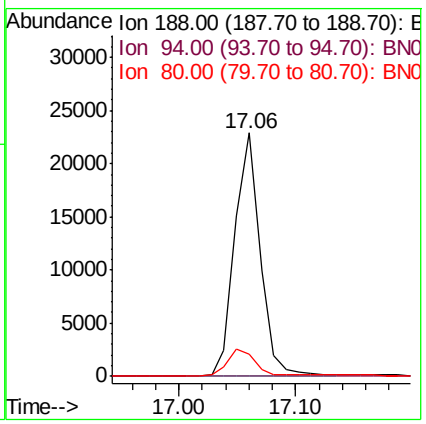


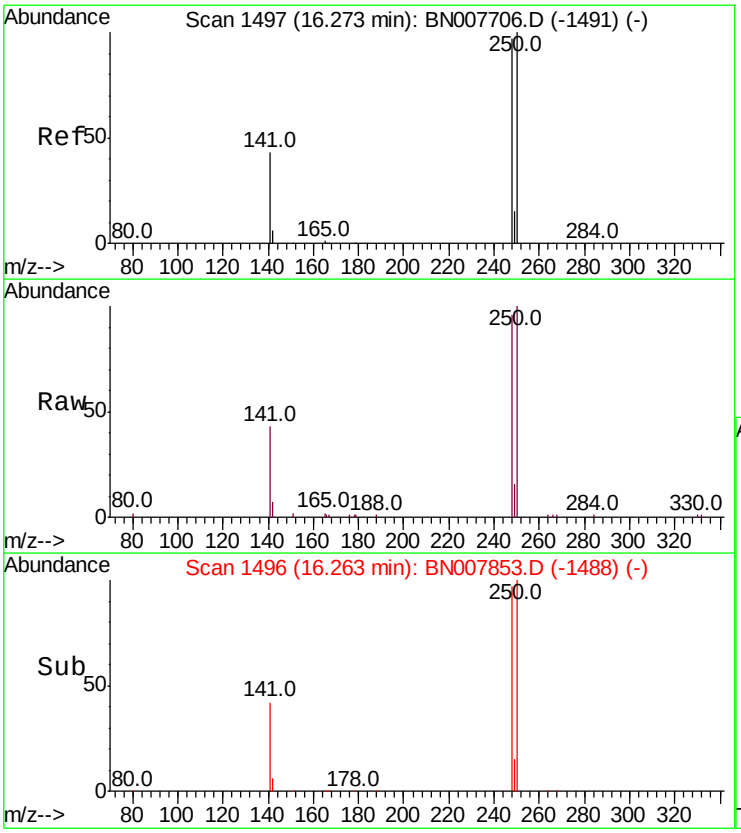
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:188 Resp: 34102

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

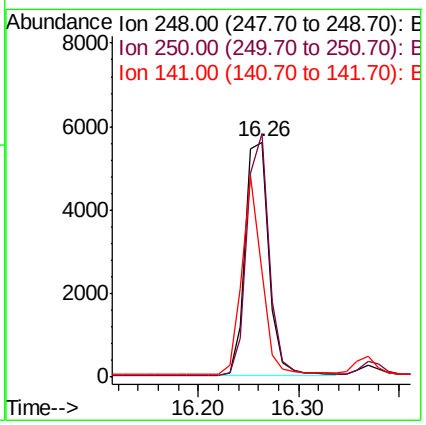


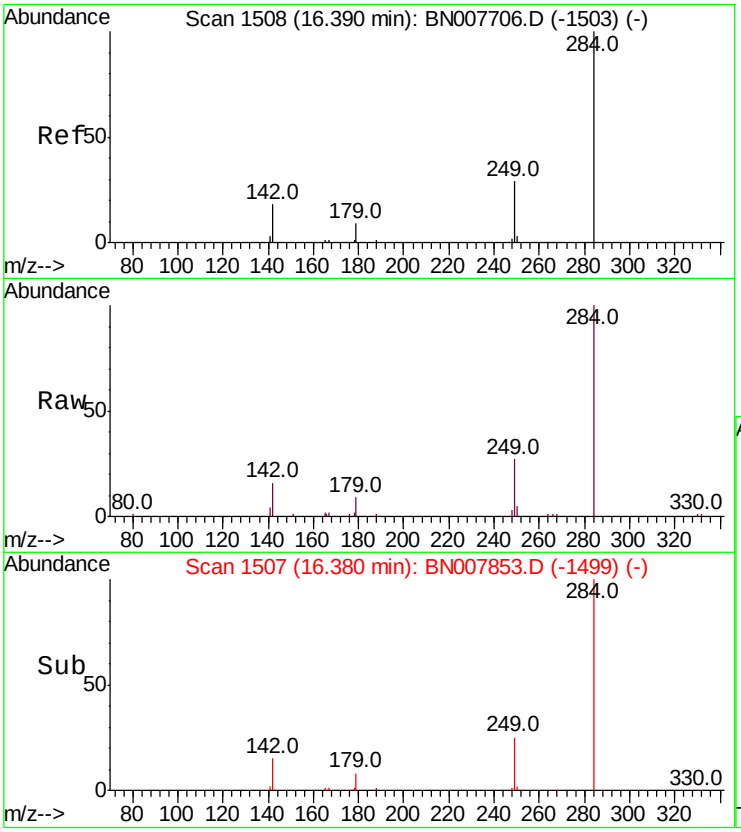


#20
4-Bromophenyl-phenylether
Concen: 0.444 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:248 Resp: 9193

Ion	Ratio	Lower	Upper
248	100		
250	103.7	82.2	123.4
141	44.7	36.3	54.5



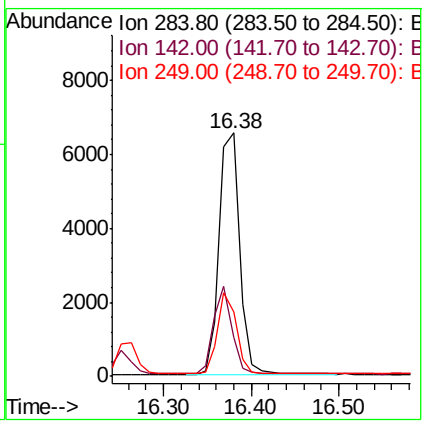


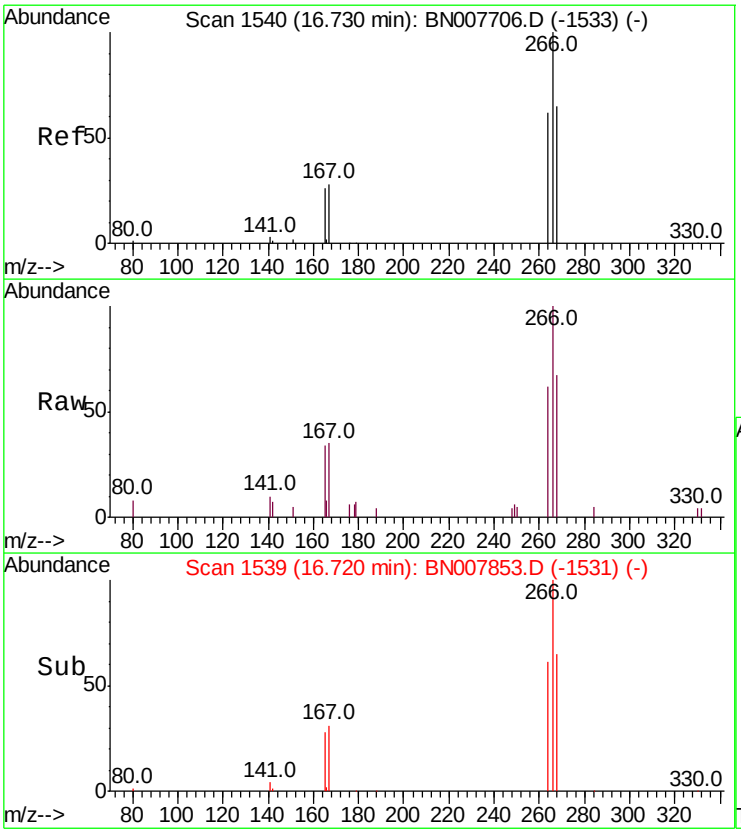
#21
Hexachlorobenzene
Concen: 0.469 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:284 Resp: 10605

Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	31.4	25.9	38.9

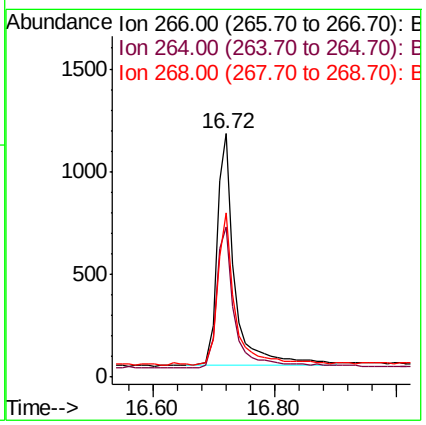


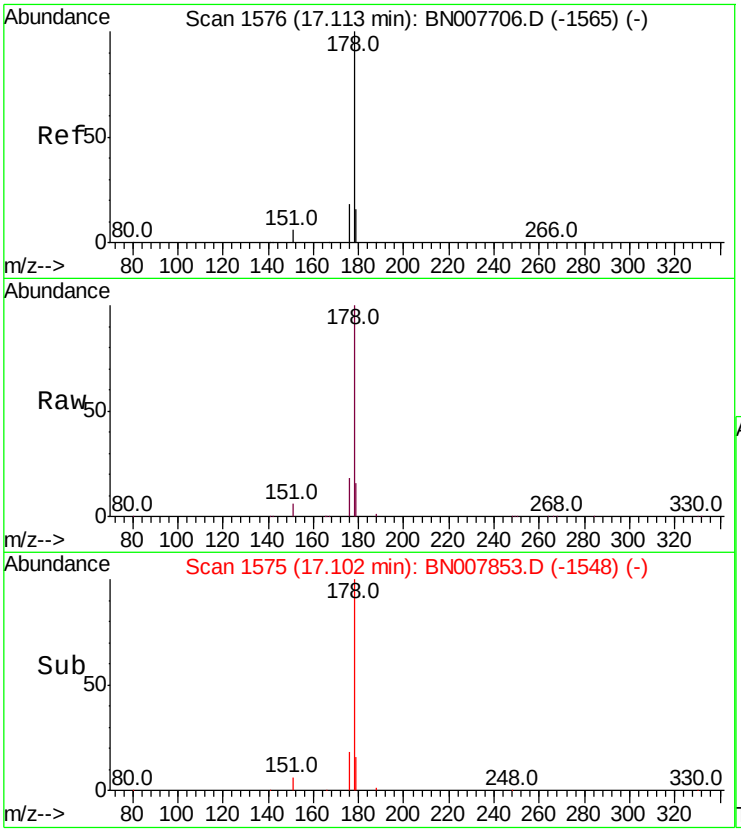


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:266 Resp: 2239

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.0	75.0
268	67.3	54.2	81.4



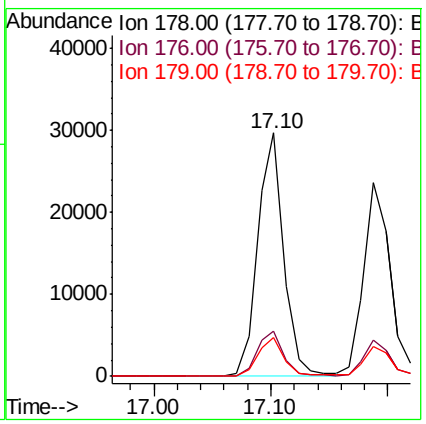


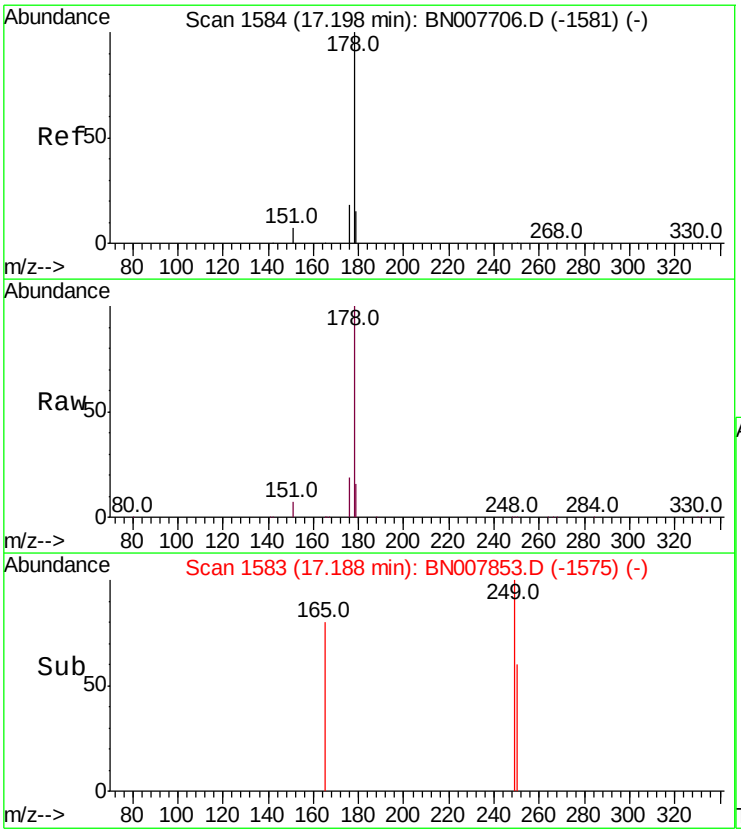
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:178 Resp: 45593

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

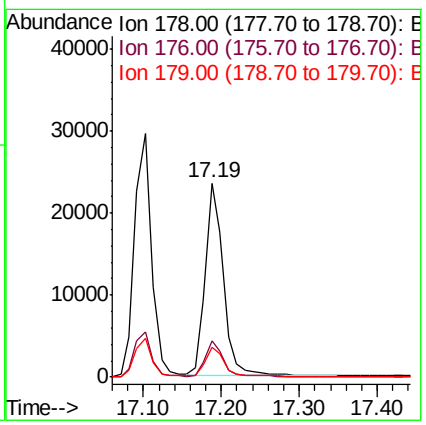


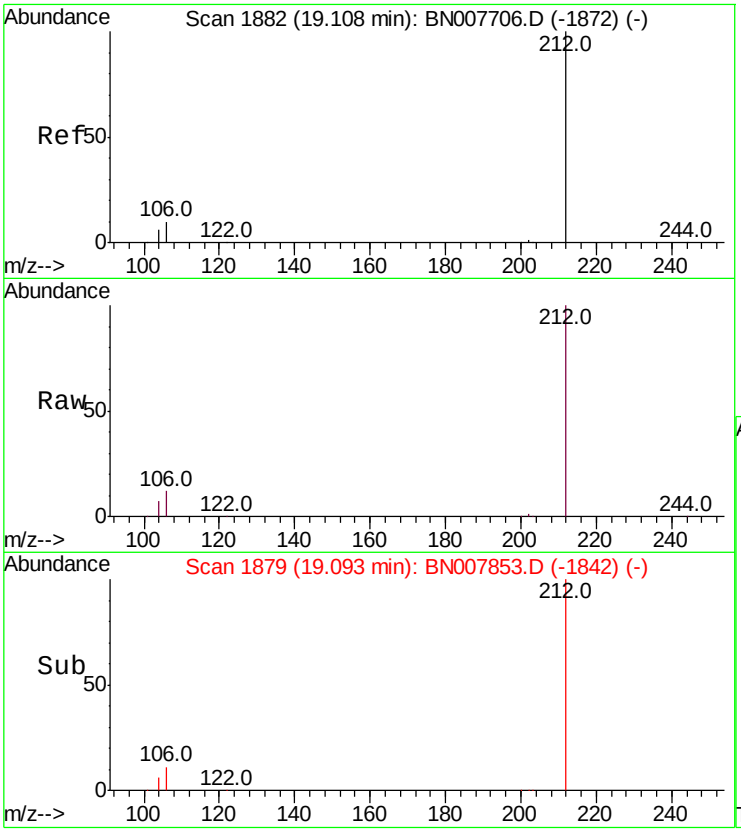


#24
Anthracene
Concen: 0.394 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:178 Resp: 37850

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.2	12.2	18.4



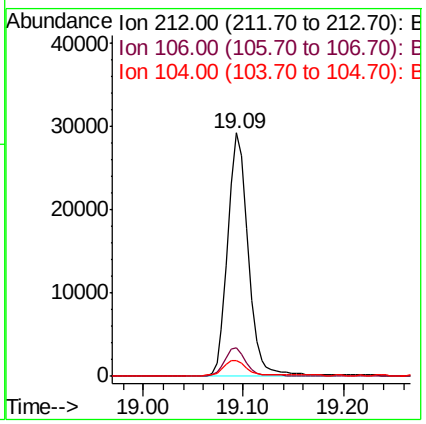


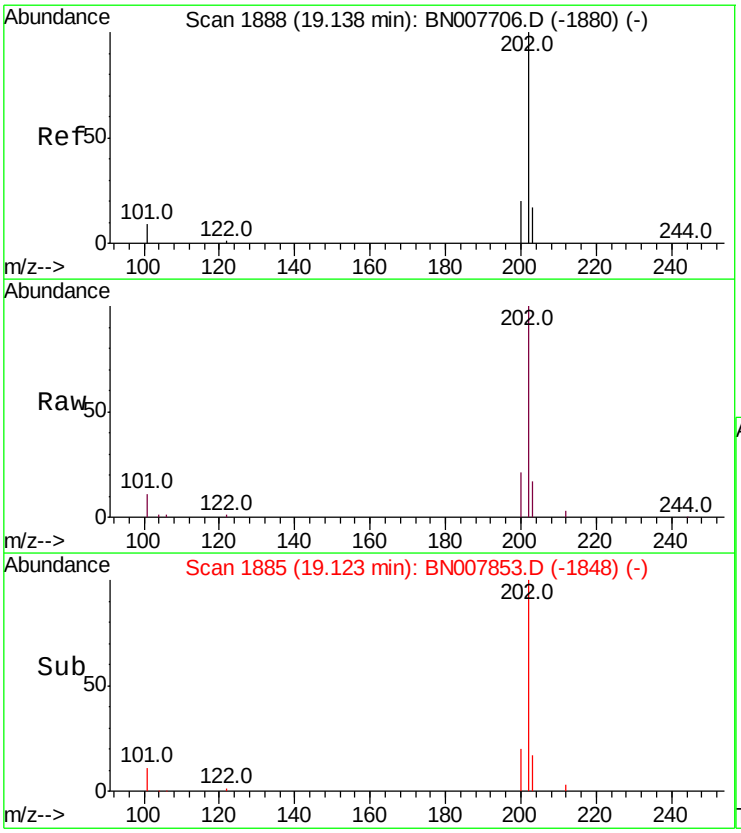
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:212 Resp: 40968

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.7	5.3	7.9

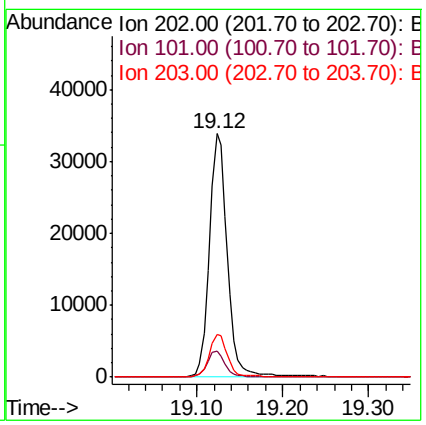


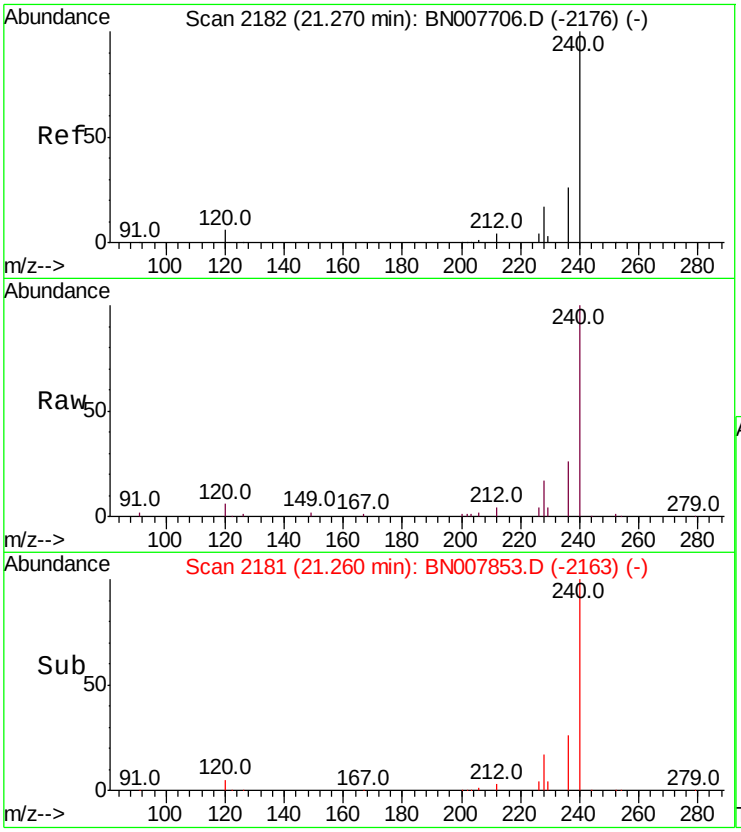


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:202 Resp: 48181

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.4	13.8	20.8



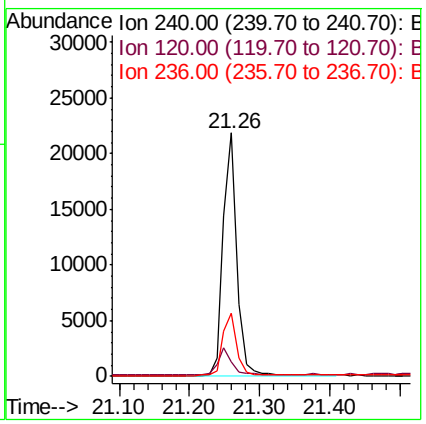


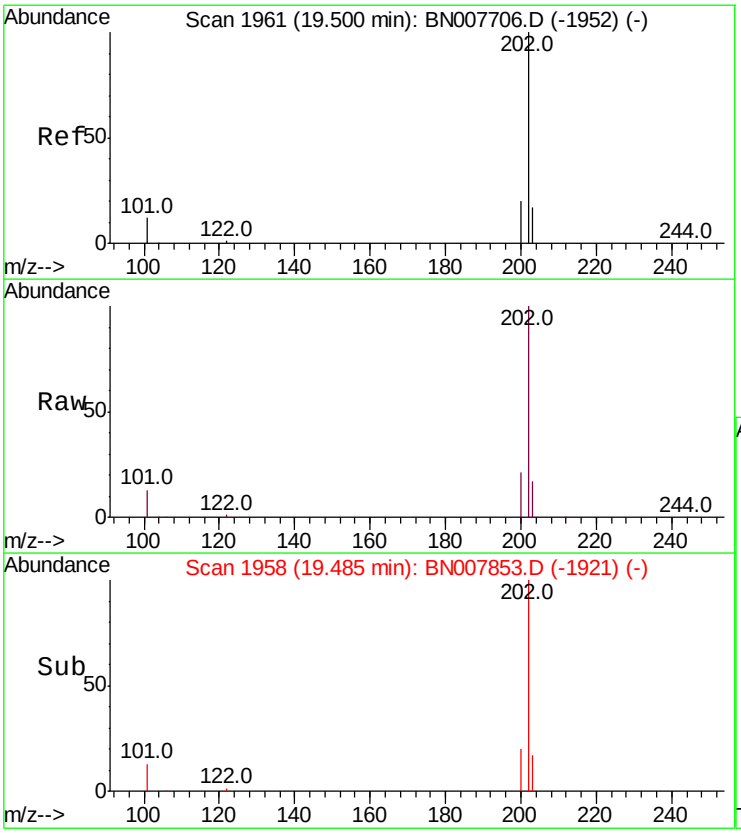
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:240 Resp: 29775

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.4	8.2
236	26.1	21.0	31.4

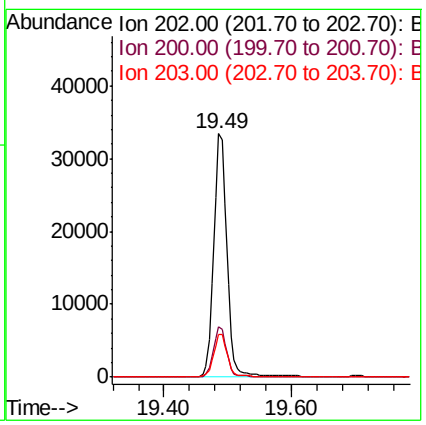


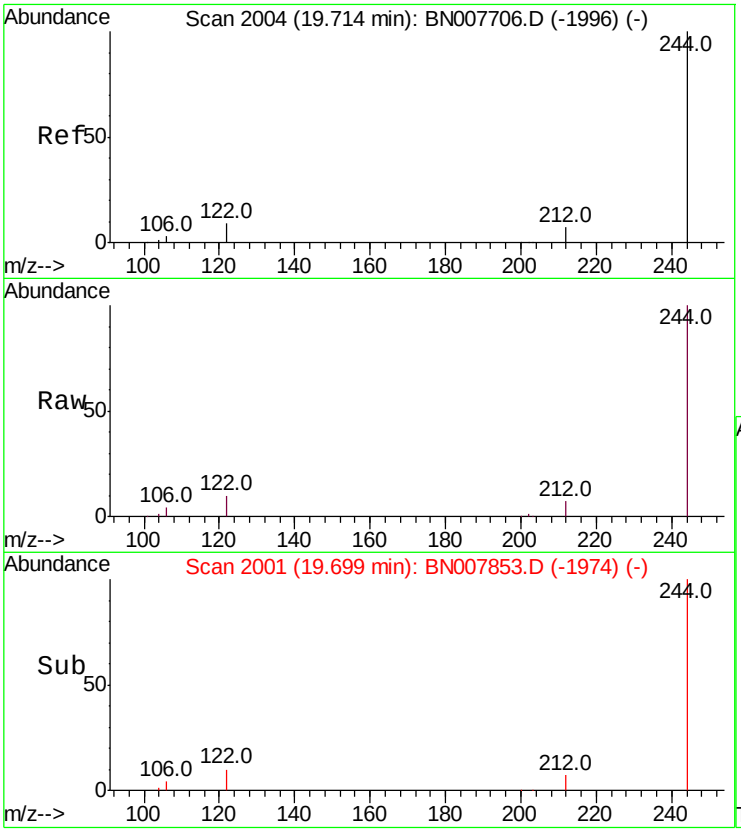


#28
Pyrene
Concen: 0.470 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:202 Resp: 47726

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	14.1	21.1



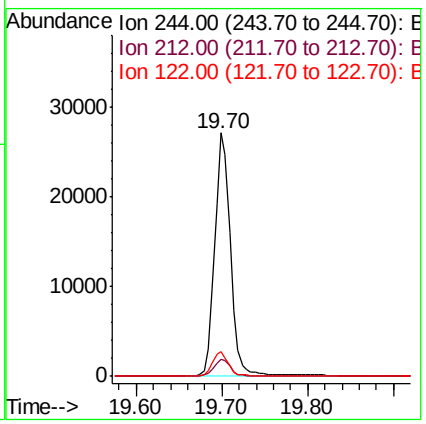


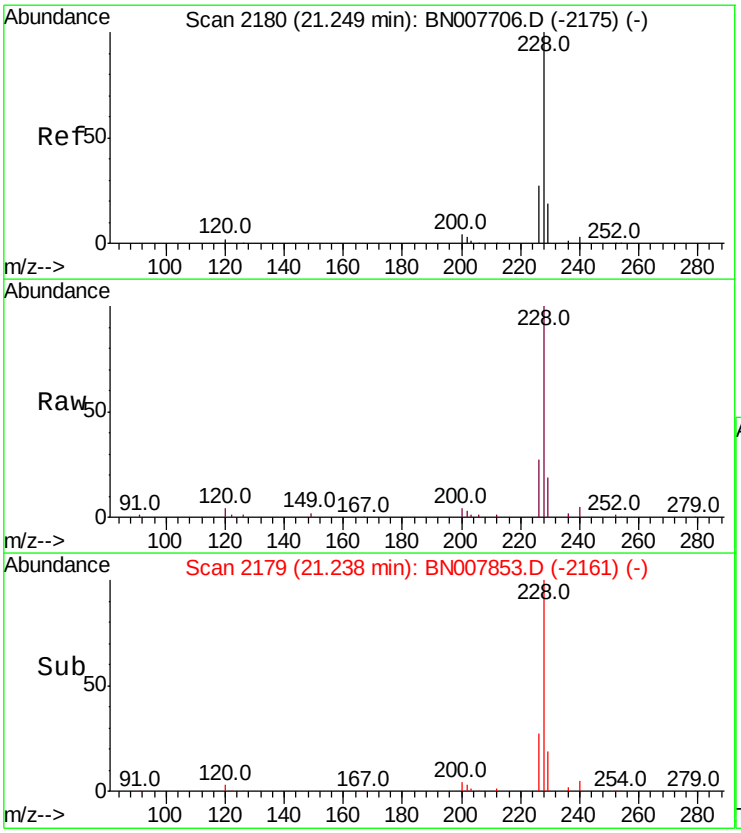
#29
Terphenyl-d14
Concen: 0.470 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:244 Resp: 34406

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.1	7.4	11.2

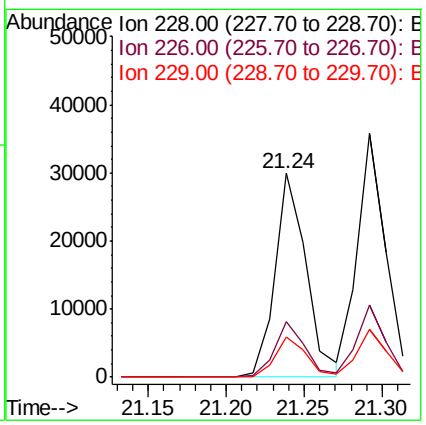


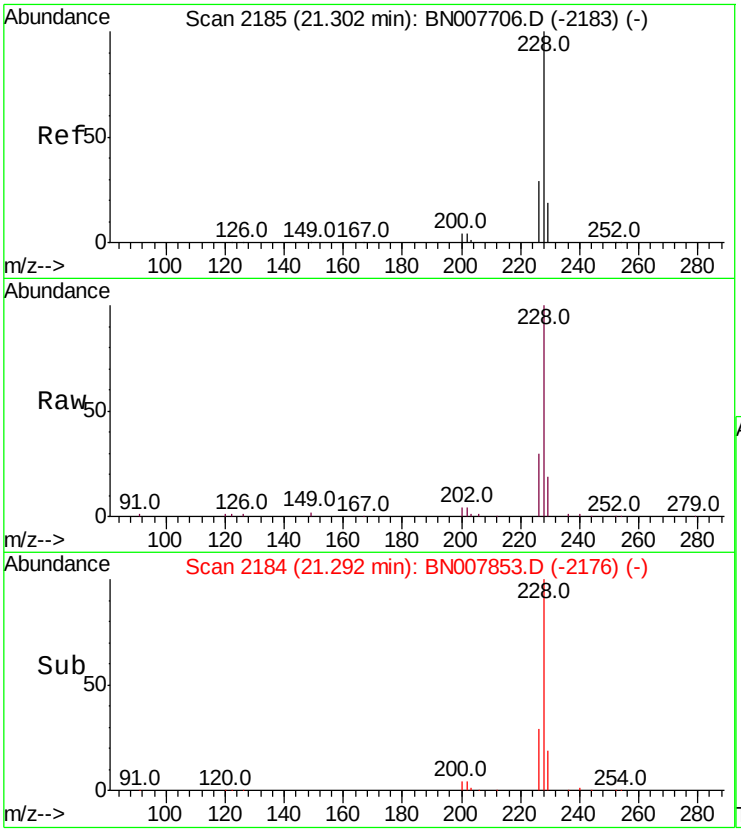


#30
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:228 Resp: 41006

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.4	15.8	23.6



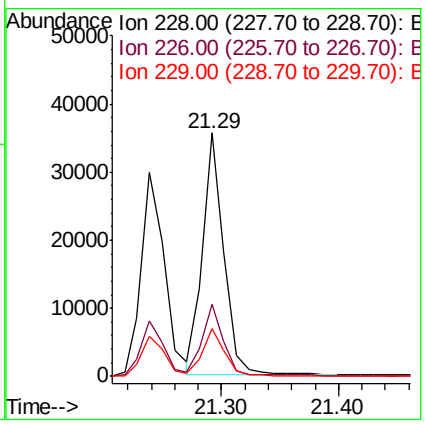


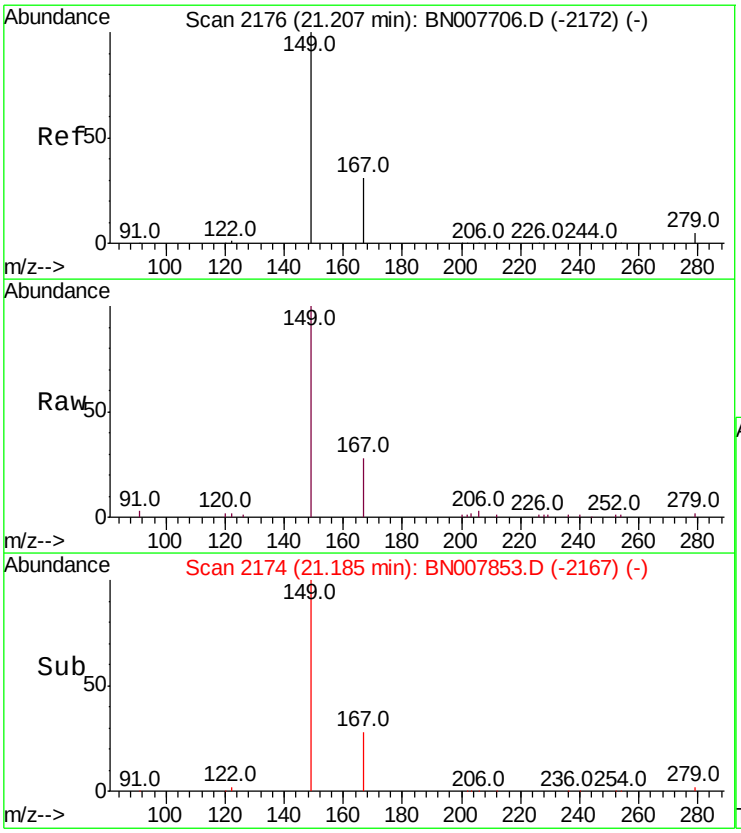
#31
Chrysene
Concen: 0.422 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:228 Resp: 45127

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.5	15.8	23.6

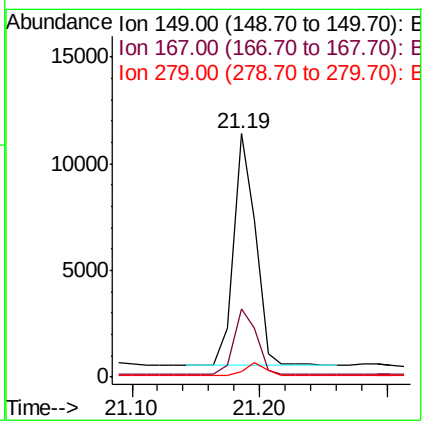


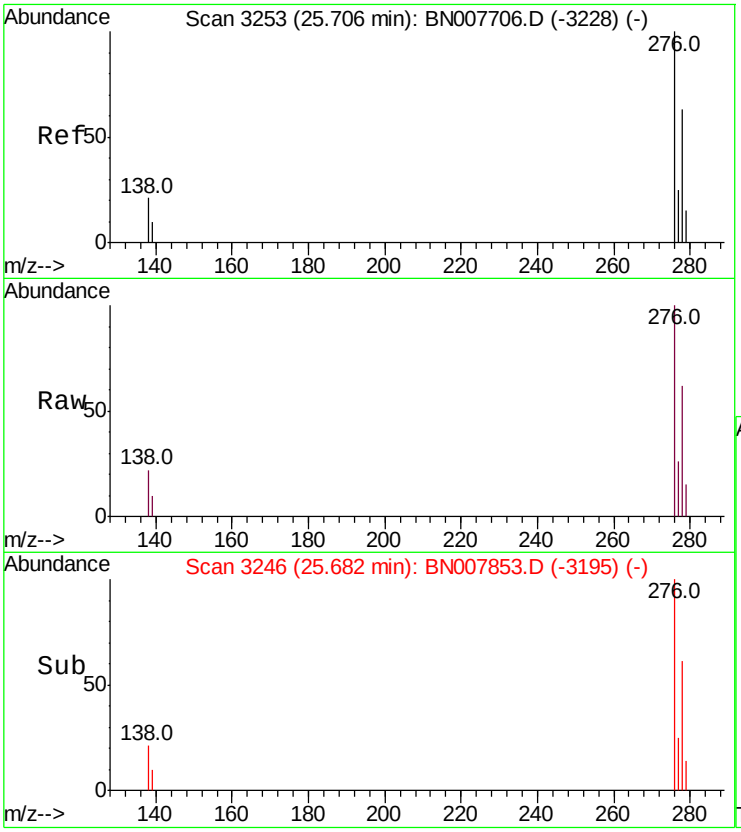


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.229 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:149 Resp: 12930

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	4.9	4.2	6.2



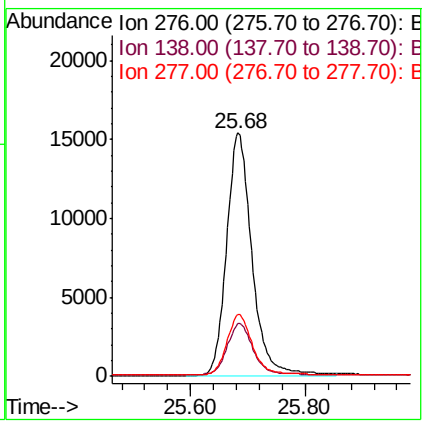


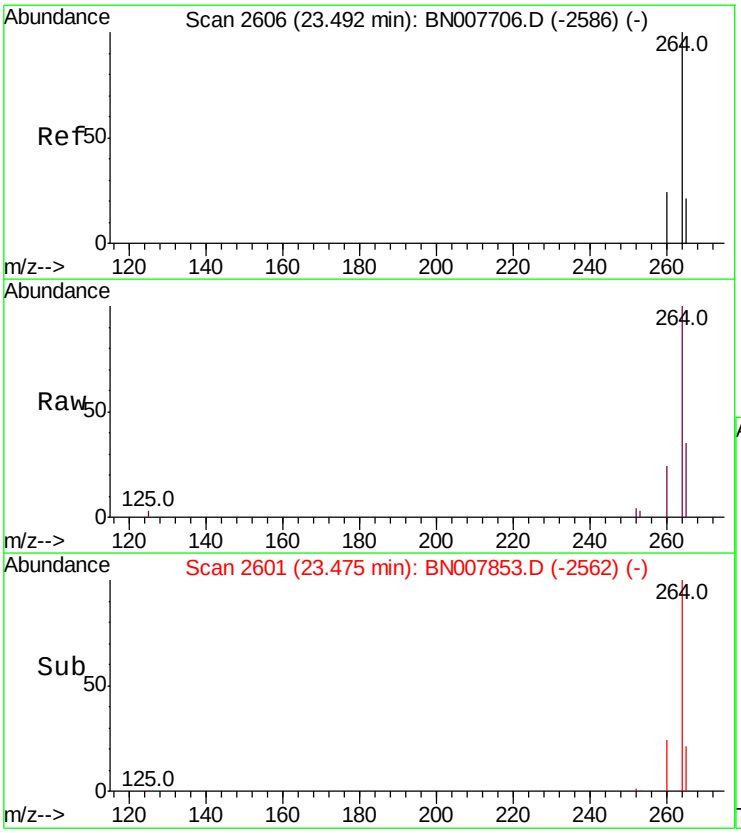
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:276 Resp: 47073

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.1	25.7
277	25.2	20.0	30.0

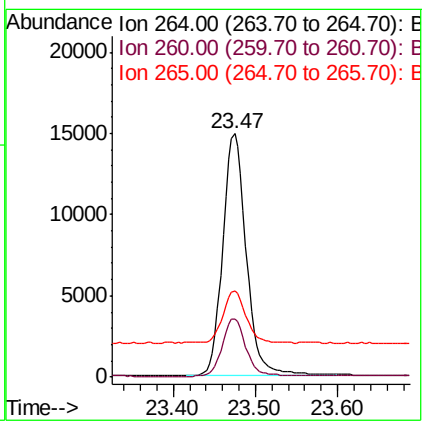


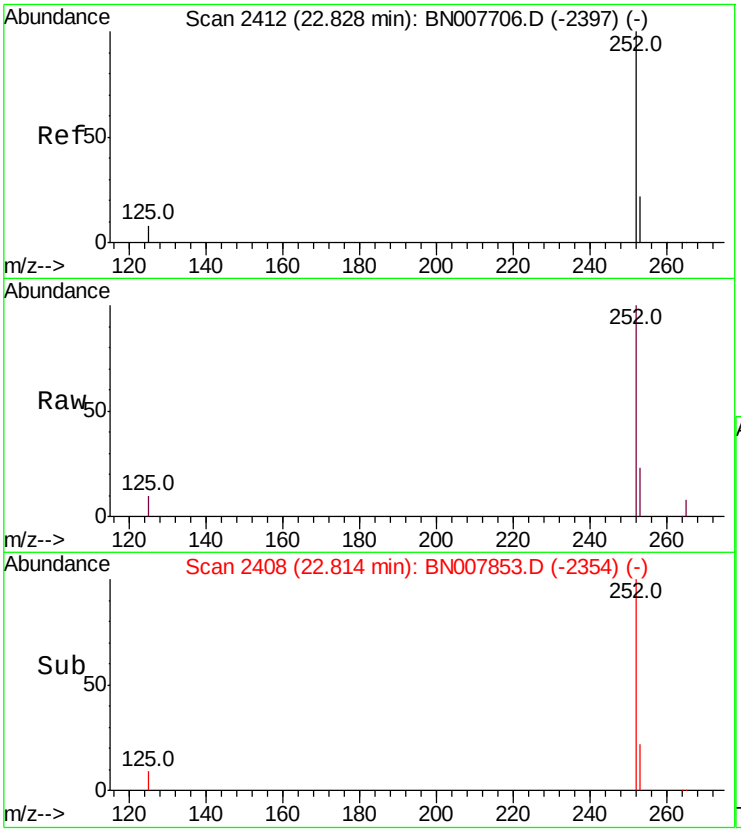


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:264 Resp: 29733

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	35.4	26.9	40.3



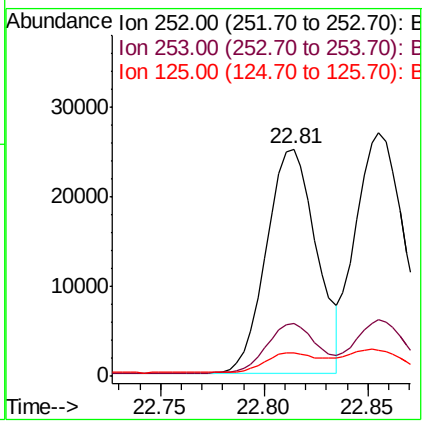


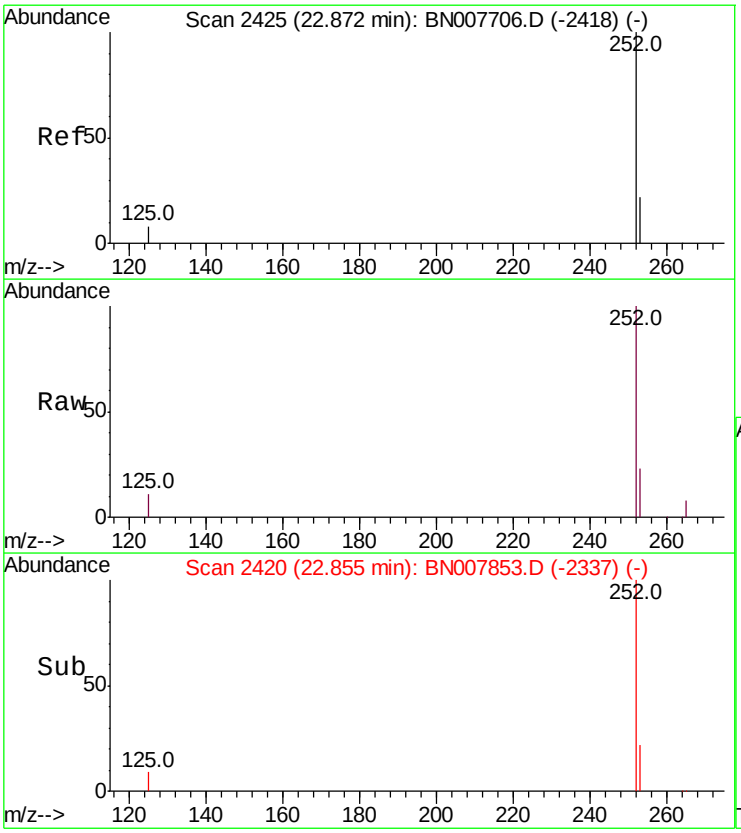
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:252 Resp: 42167

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

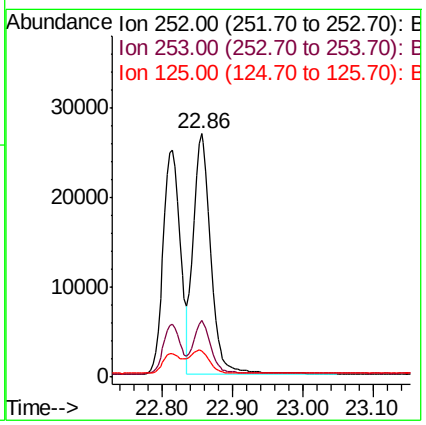


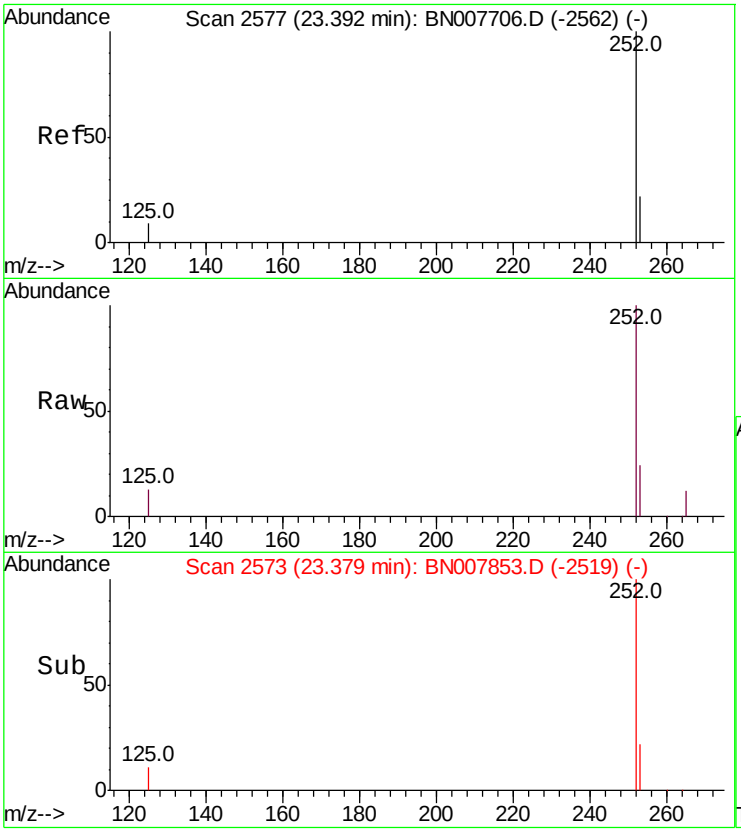


#36
Benzo(k)fluoranthene
Concen: 0.458 ng
RT: 22.86 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:252 Resp: 46716

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	10.8	8.4	12.6



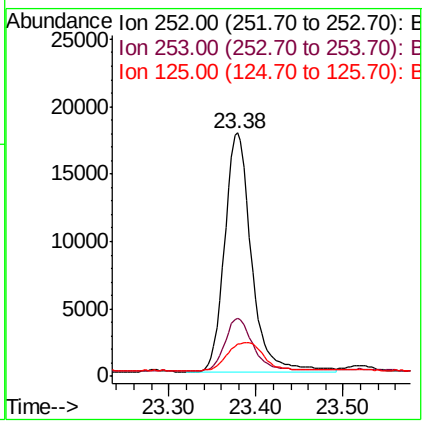


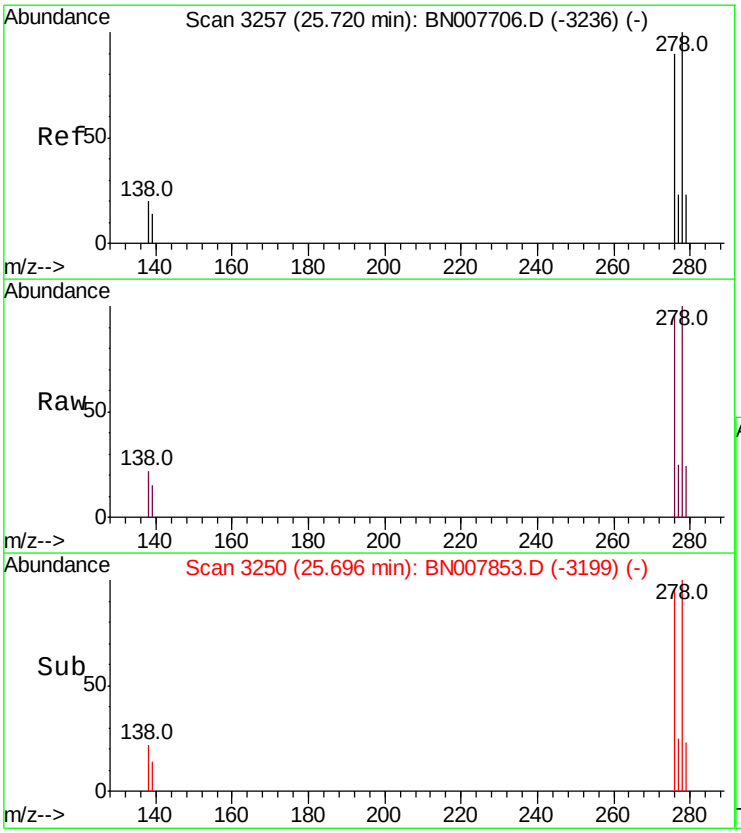
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:252 Resp: 38009

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	13.4	9.4	14.0

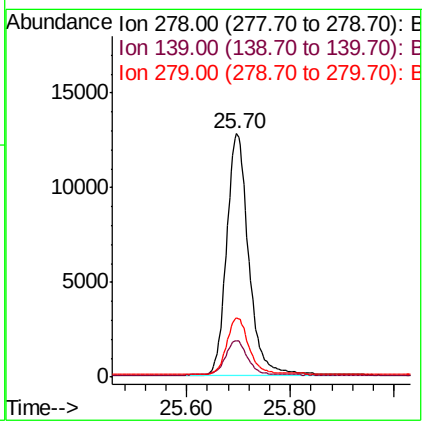


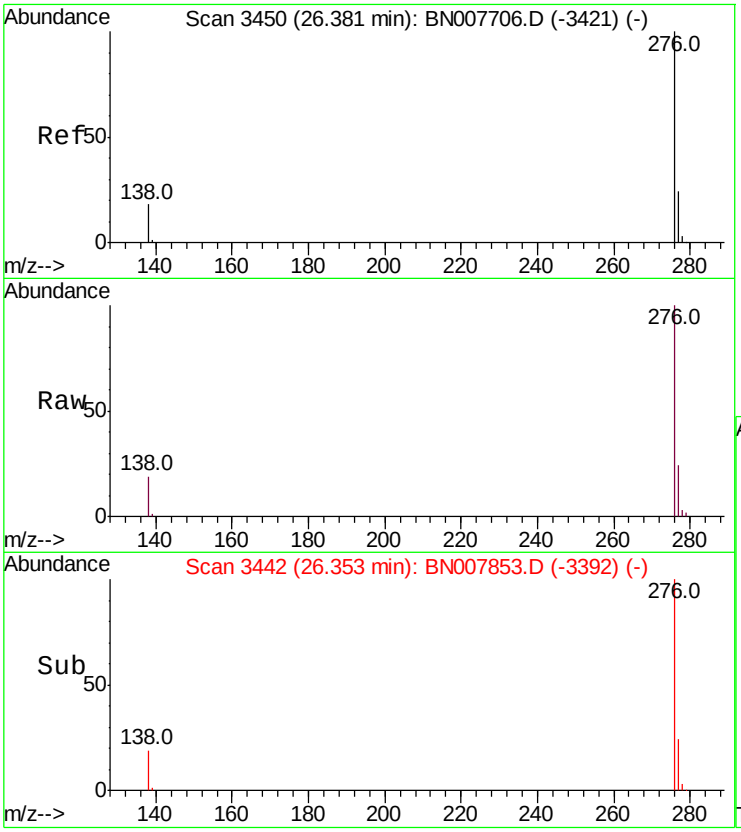


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:278 Resp: 38231

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.4	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tgt Ion:276 Resp: 38291

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	19.3	15.1	22.7