Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007378.D
Acq On : 25 Aug 2019 01:18
Operator : HP/JU
Sample : PB122506BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122506BS

Quant Time: Aug 25 05:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7910	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	30942	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	14381	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	26585	0.40	ng		0.00
27) Chrysene-d12	21.02	240	23323	0.40	ng		0.00
34) Perylene-d12	23.12	264	28183	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5697	0.19	ng		0.00
5) Phenol-d6	6.59	99	7131	0.19	ng		0.00
8) Nitrobenzene-d5	8.53	82	5297	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	15296	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1031	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	13526	0.23	ng		0.00
25) Fluoranthene-d10	18.84	212	16823	0.20	ng		0.00
29) Terphenyl-d14	19.47	244	12681	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2254	0.172	ng	#	98
3) n-Nitrosodimethylamine	3.32	42	1232	0.202	ng	#	82
6) bis(2-Chloroethyl)ether	6.84	93	5971	0.209	ng		95
9) Naphthalene	10.20	128	19315	0.218	ng	#	90
10) Hexachlorobutadiene	10.51	225	3872	0.214	ng	#	100
12) 2-Methylnaphthalene	11.83	142	12767	0.212	ng		98
16) Acenaphthylene	13.76	152	17724	0.208	ng		99
17) Acenaphthene	14.11	154	10651	0.214	ng		99
18) Fluorene	15.10	166	12243	0.194	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	2544	0.243	ng		94
21) Hexachlorobenzene	16.11	284	4390	0.246	ng		94
22) Pentachlorophenol	16.46	266	1844	0.333	ng	#	64
23) Phenanthrene	16.84	178	16708	0.209	ng		100
24) Anthracene	16.93	178	15723	0.195	ng		99
26) Fluoranthene	18.87	202	21400	0.208	ng		100
28) Pyrene	19.24	202	21594	0.230	ng		100
30) Benzo(a)anthracene	21.00	228	19589	0.214	ng		100
31) Chrysene	21.06	228	21494	0.243	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	9499	0.141	ng		98
33) Indeno(1,2,3-cd)pyrene	25.19	276	28816	0.271	ng		99
35) Benzo(b)fluoranthene	22.50	252	22603	0.221	ng		98
36) Benzo(k)fluoranthene	22.54	252	23479	0.233	ng	#	96
37) Benzo(a)pyrene	23.03	252	22331	0.230	ng		97
38) Dibenzo(a,h)anthracene	25.21	278	23420	0.242	ng		96
39) Benzo(g,h,i)perylene	25.81	276	25096	0.260	ng		97

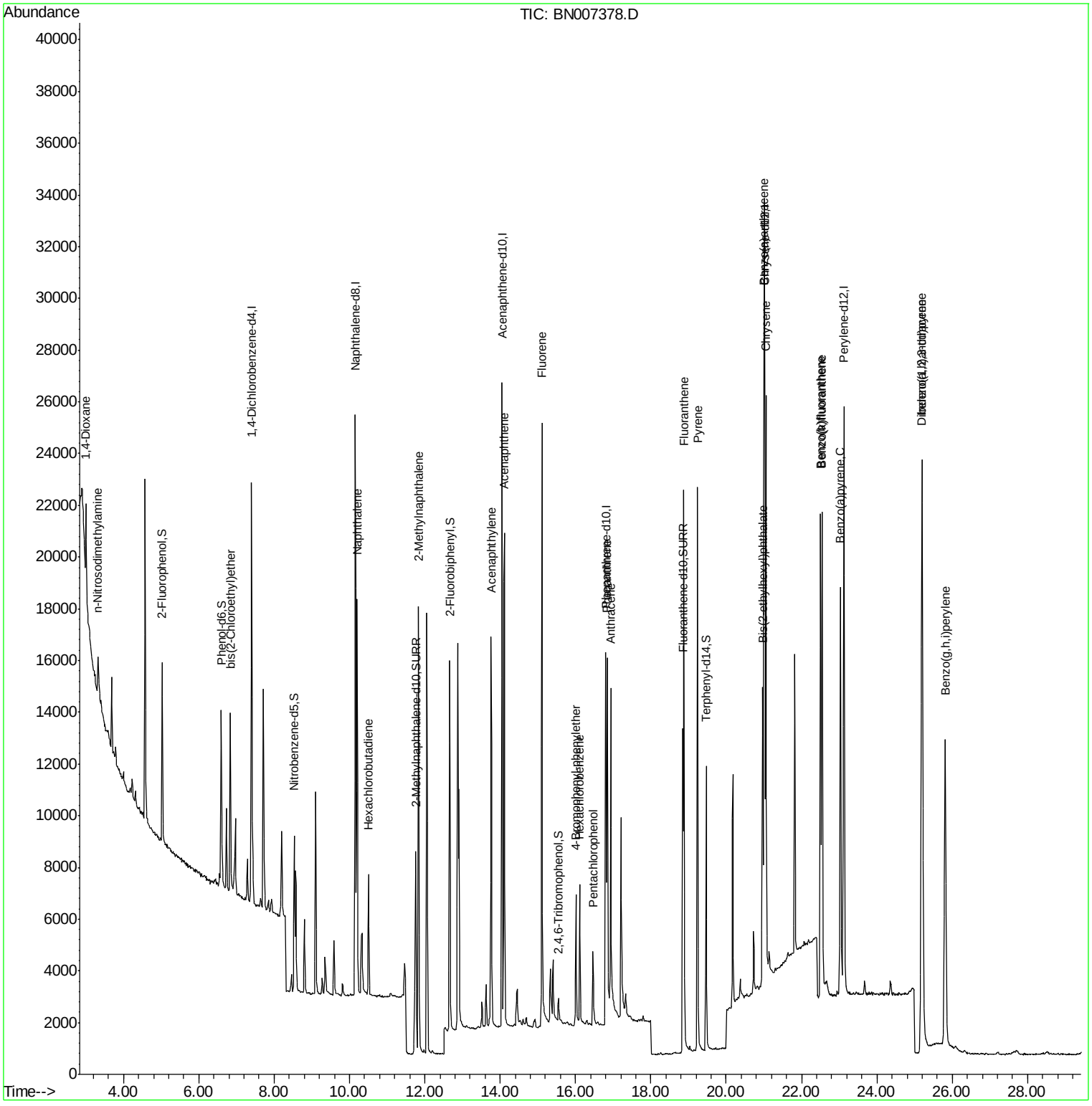
(#) = qualifier out of range (m) = manual integration (+) = signals summed

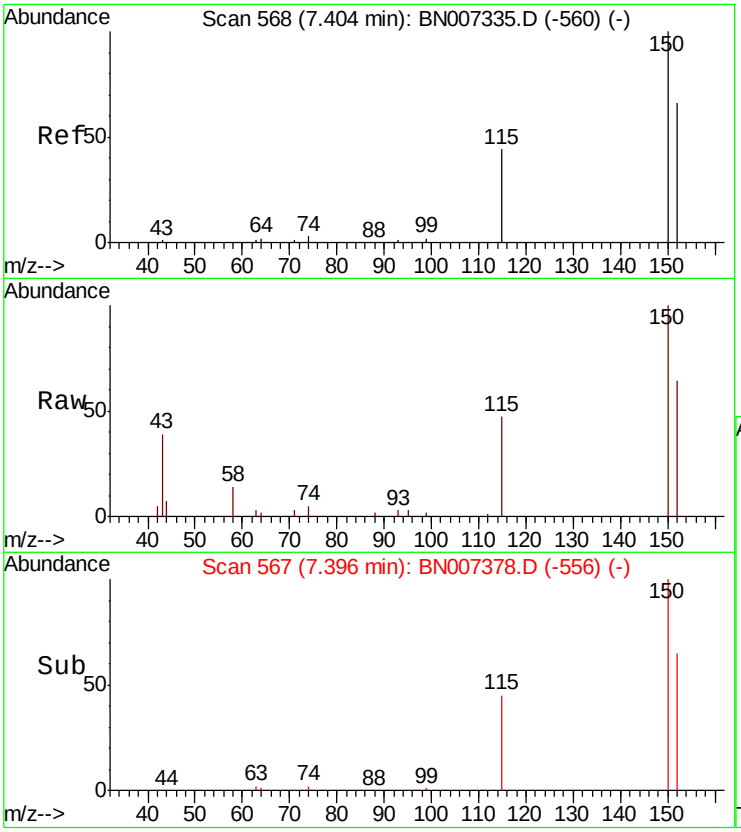
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007378.D
Acq On : 25 Aug 2019 01:18
Operator : HP/JU
Sample : PB122506BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Quant Time: Aug 25 05:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



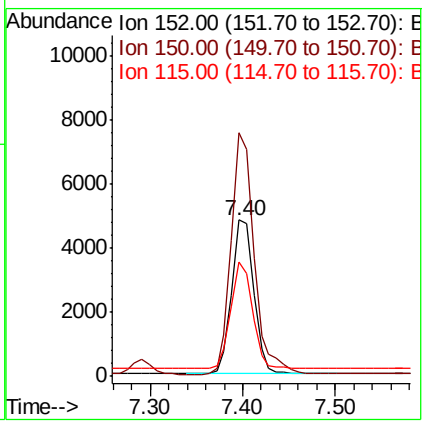


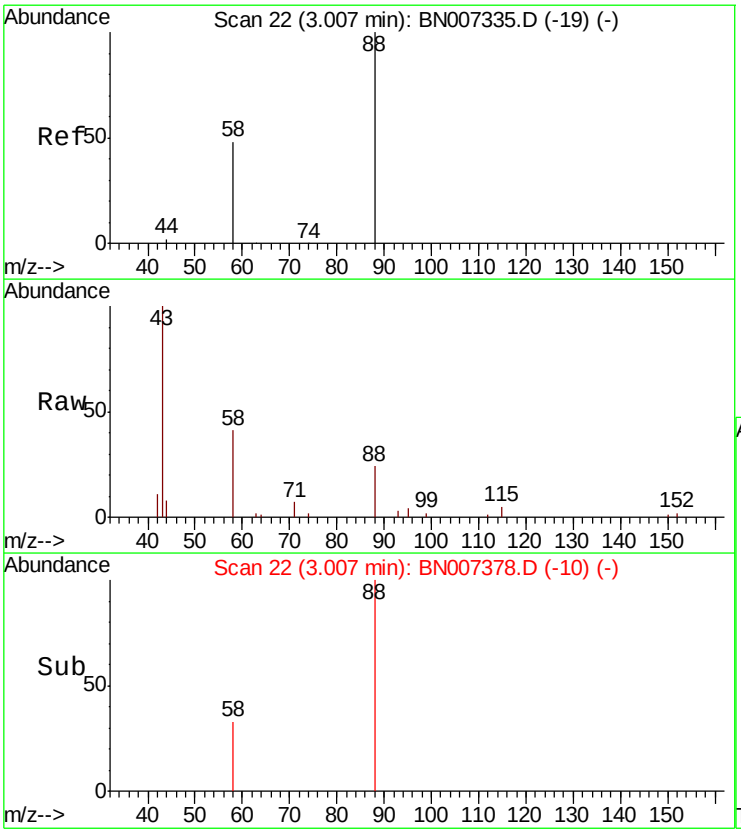
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 7910

Ion	Ratio	Lower	Upper
152	100		
150	155.9	109.1	163.7
115	73.0	59.6	89.4

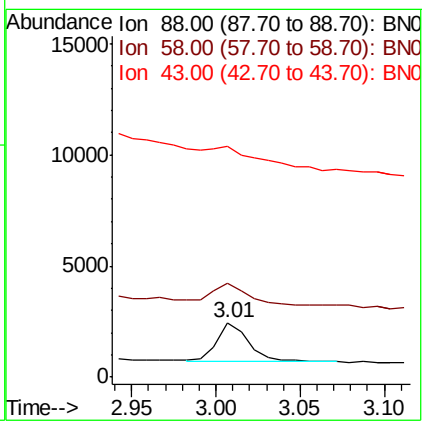


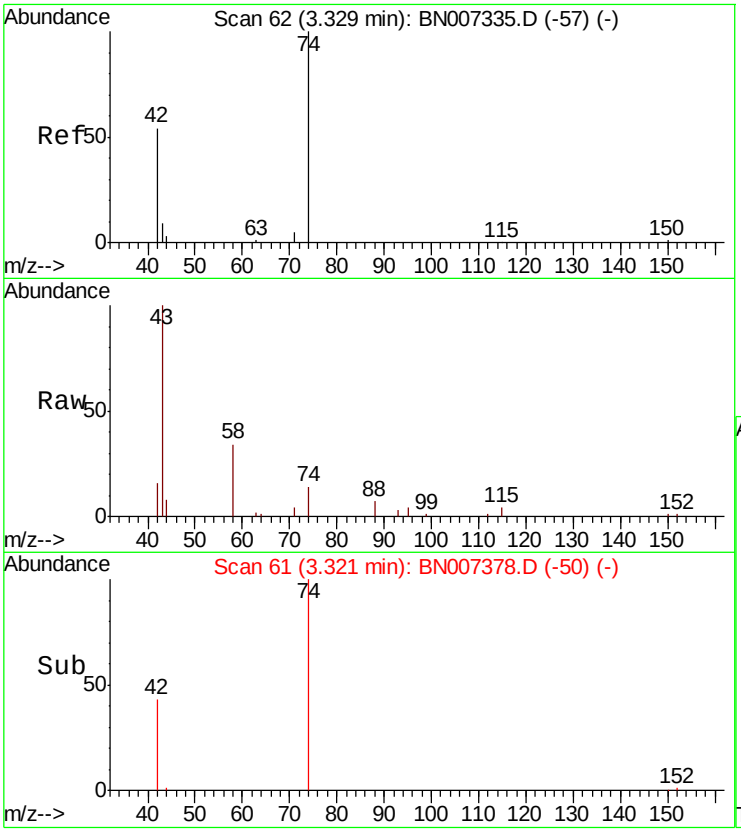


#2
1,4-Dioxane
Concen: 0.172 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion: 88 Resp: 2254

Ion	Ratio	Lower	Upper
88	100		
58	64.6	50.5	75.7
43	0.0	0.0	0.0



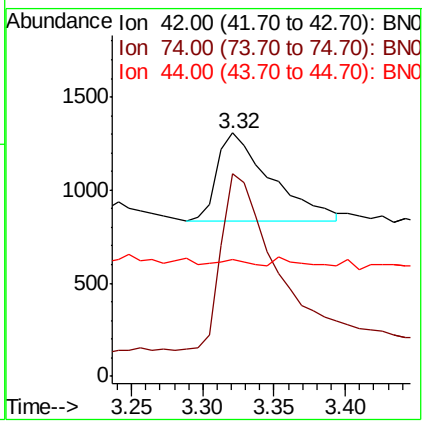


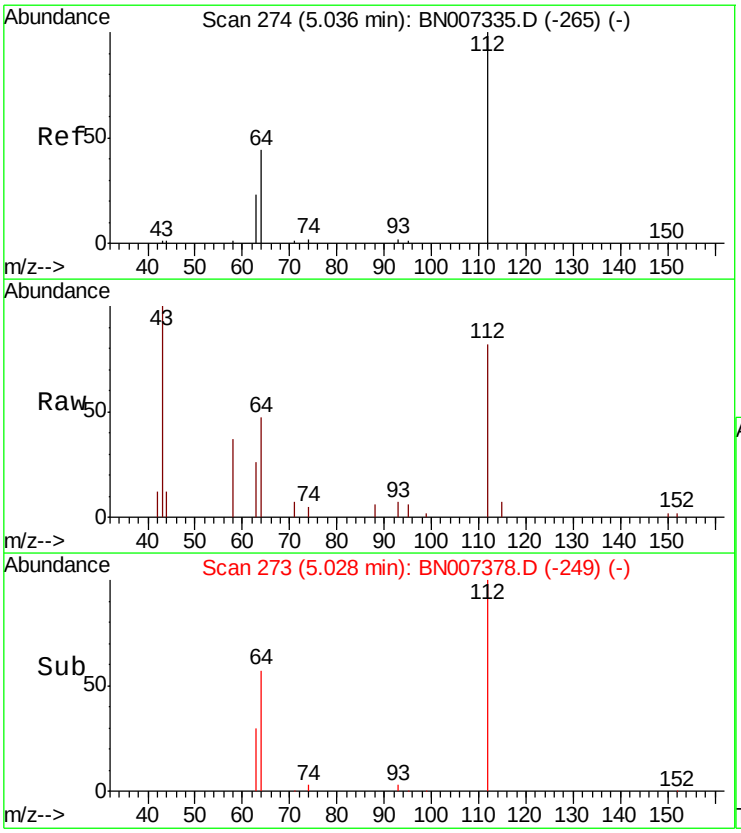
#3
n-Nitrosodimethylamine
Concen: 0.202 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 42 Resp: 1232

Ion	Ratio	Lower	Upper
42	100		
74	206.7	144.7	217.1
44	2.7	3.2	4.8#

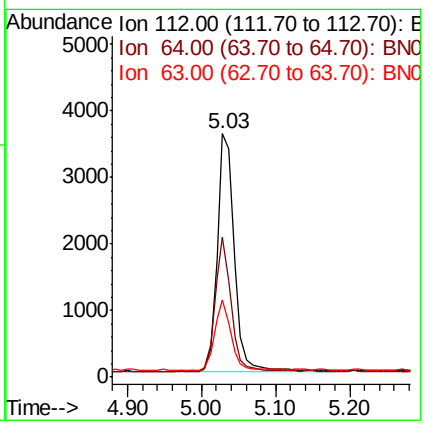


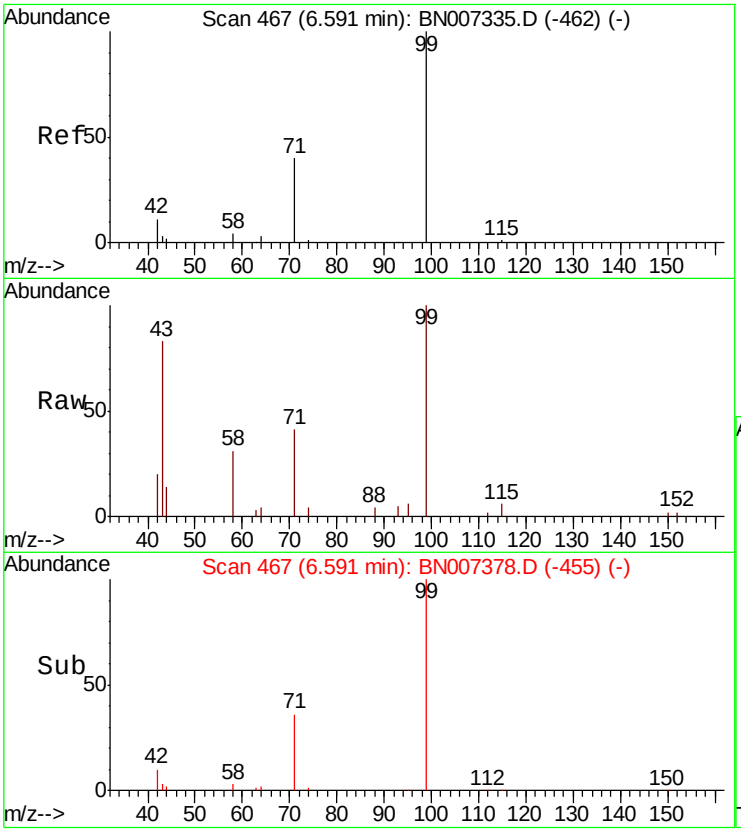


#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:112 Resp: 5697

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.3	63.5
63	27.6	23.6	35.4



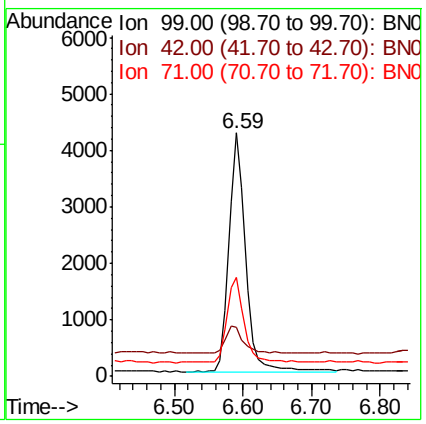


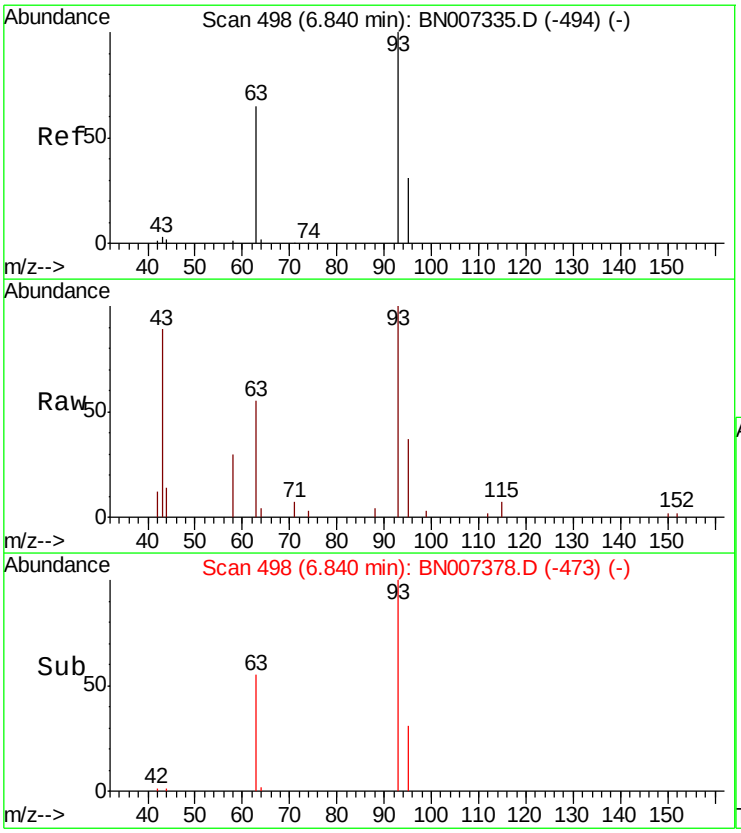
#5
Phenol-d6
Concen: 0.188 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 99 Resp: 7131

Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.2	16.8
71	35.1	31.8	47.8

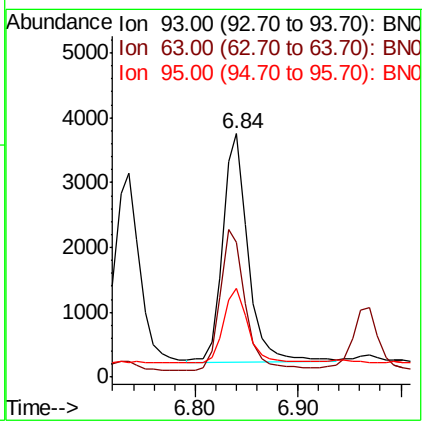


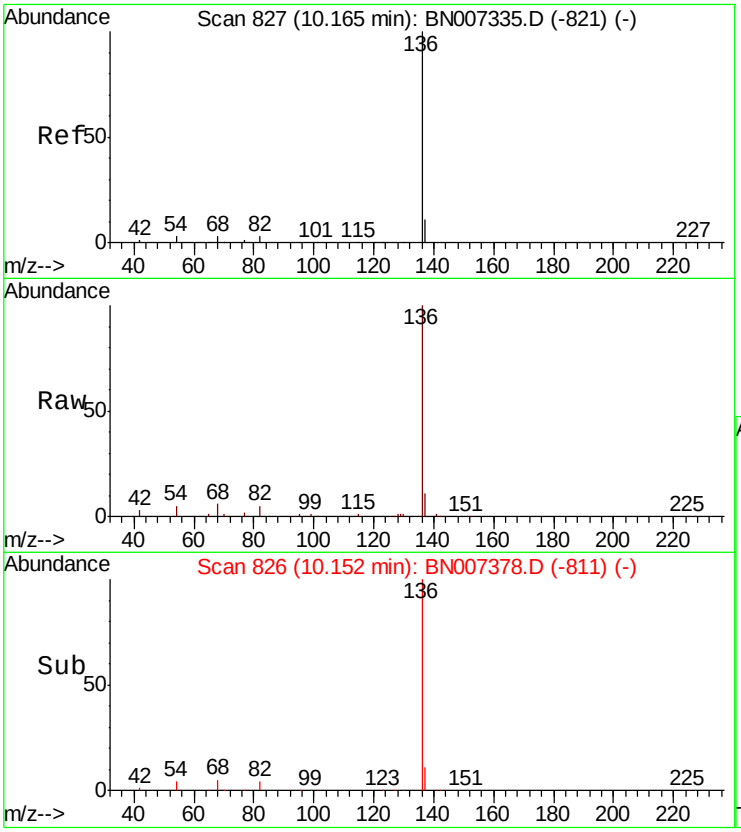


#6
bis(2-Chloroethyl)ether
Concen: 0.209 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion: 93 Resp: 5971

Ion	Ratio	Lower	Upper
93	100		
63	61.2	51.9	77.9
95	31.7	27.7	41.5



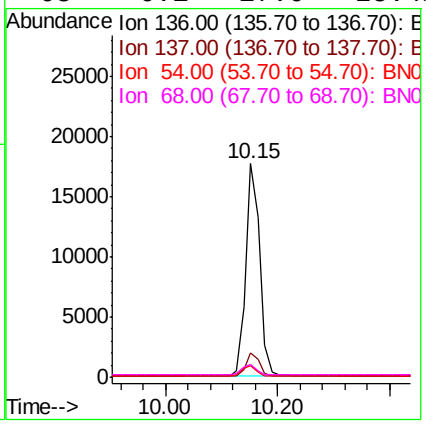


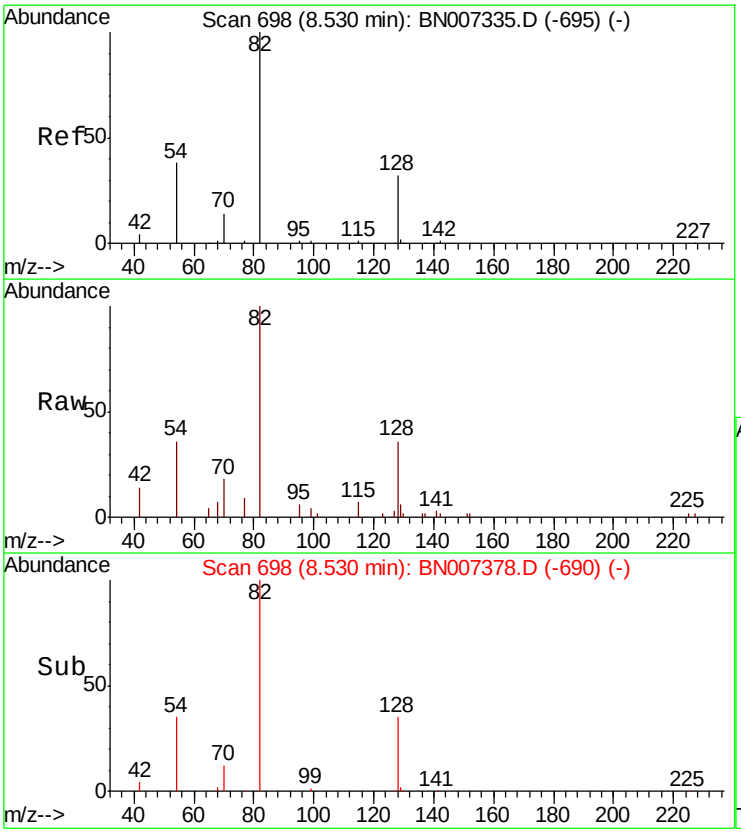
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:136 Resp: 30942

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.1	8.6	12.8#
68	6.1	17.0	25.4#

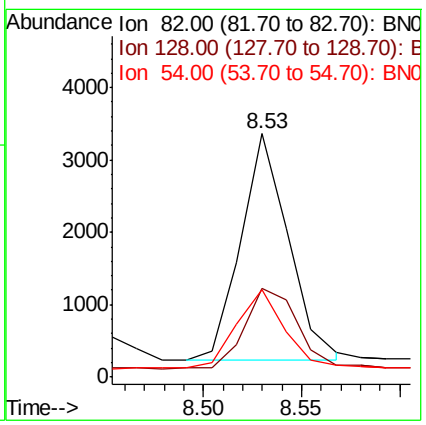


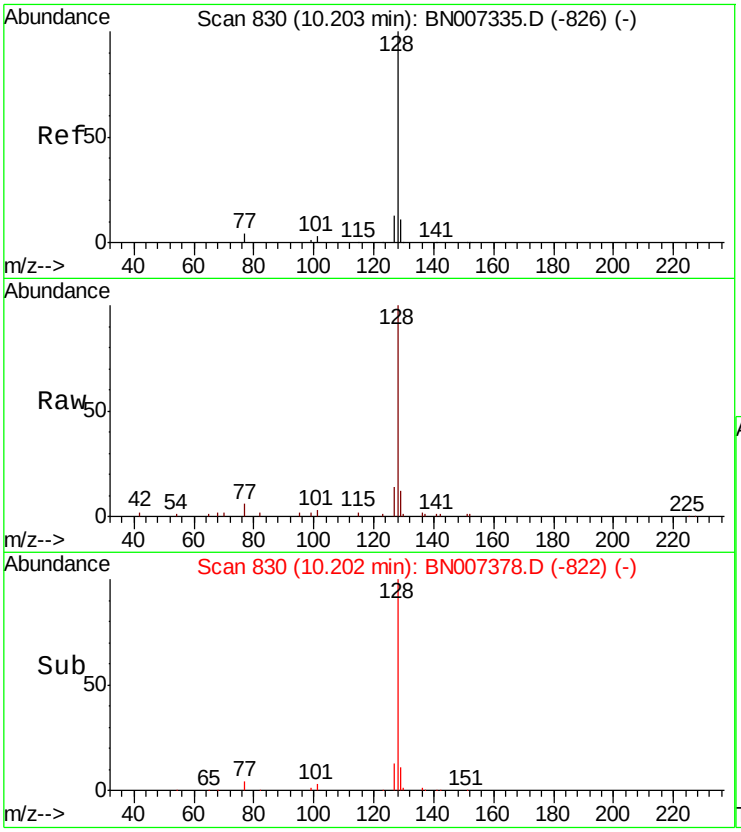


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion: 82 Resp: 5297

Ion	Ratio	Lower	Upper
82	100		
128	36.4	19.7	29.5#
54	35.9	25.8	38.6



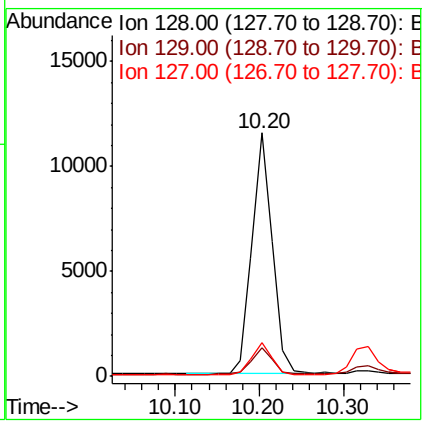


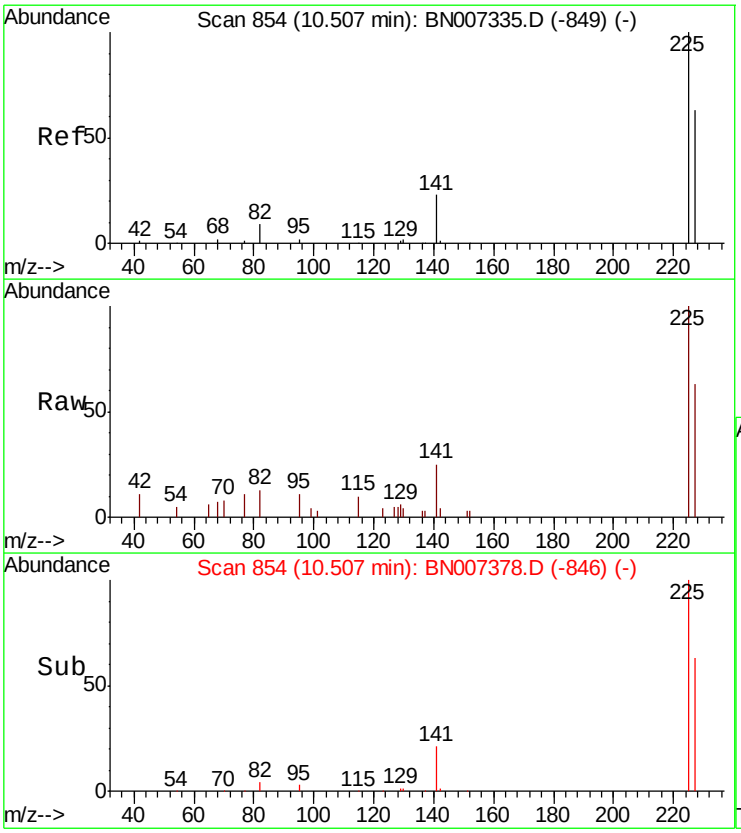
#9
Naphthalene
Concen: 0.218 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:128 Resp: 19315

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.1	16.7
127	13.7	15.5	23.3#

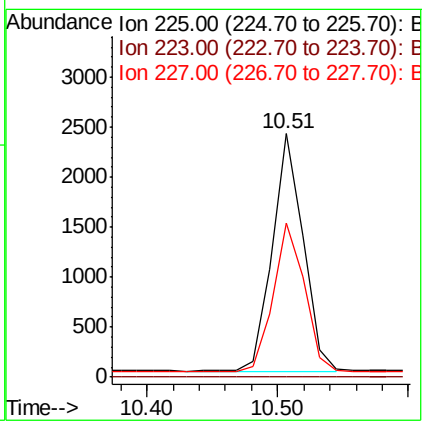


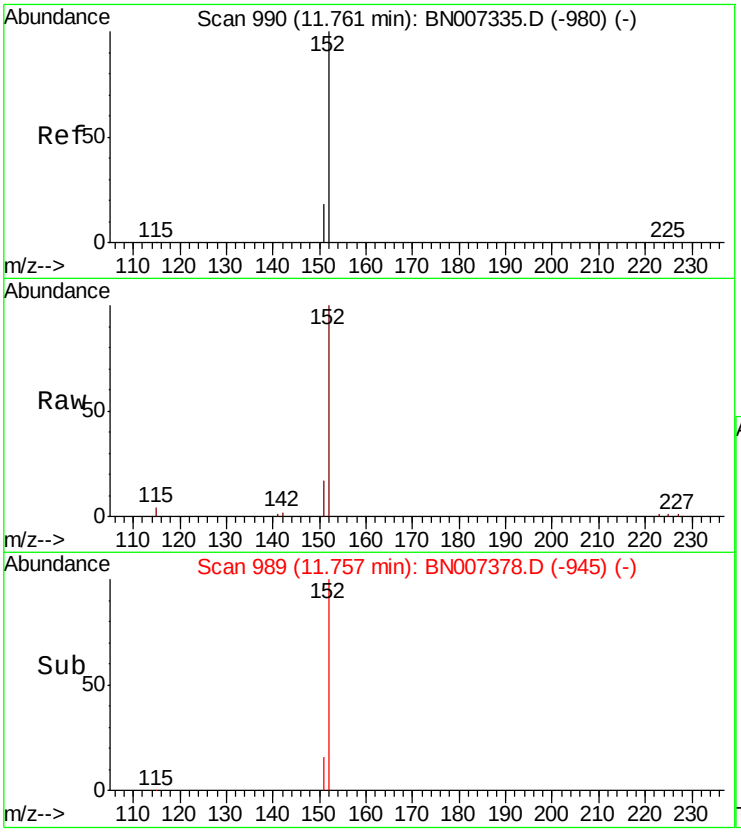


#10
Hexachlorobutadiene
Concen: 0.214 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:225 Resp: 3872

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.7	76.1



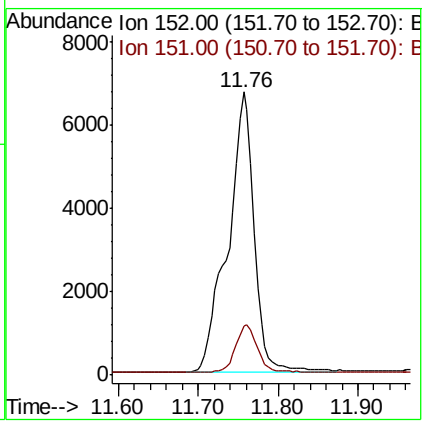


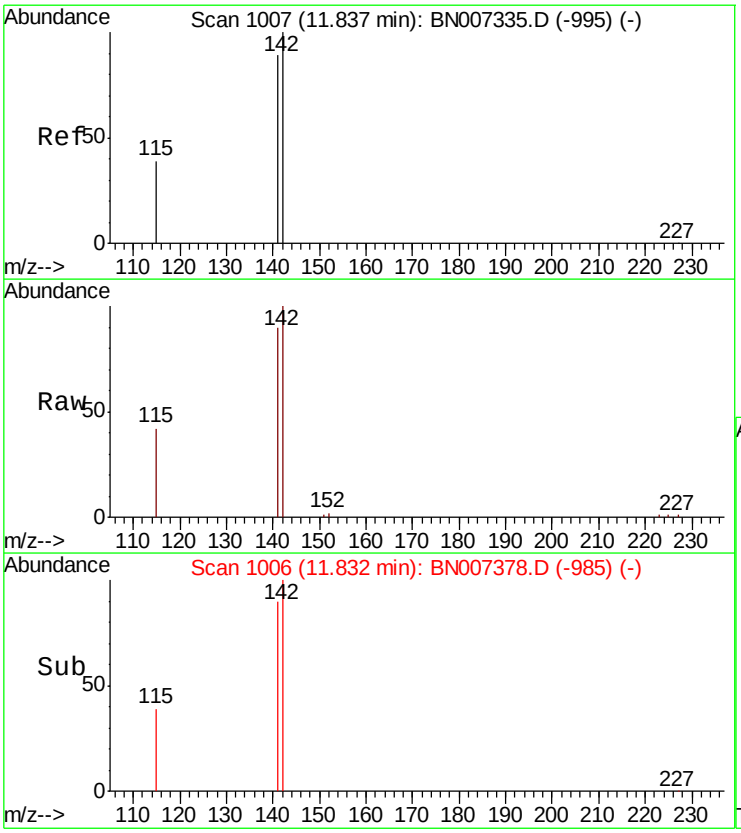
#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 15296

Ion	Ratio	Lower	Upper
152	100		
151	14.1	16.2	24.2#

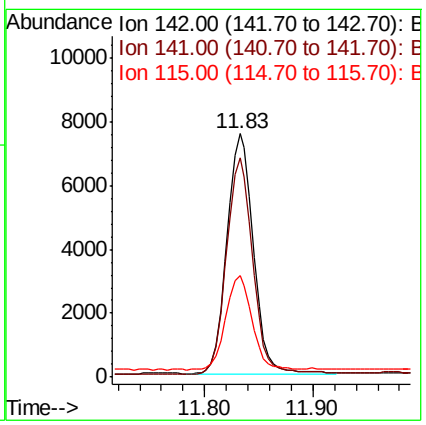


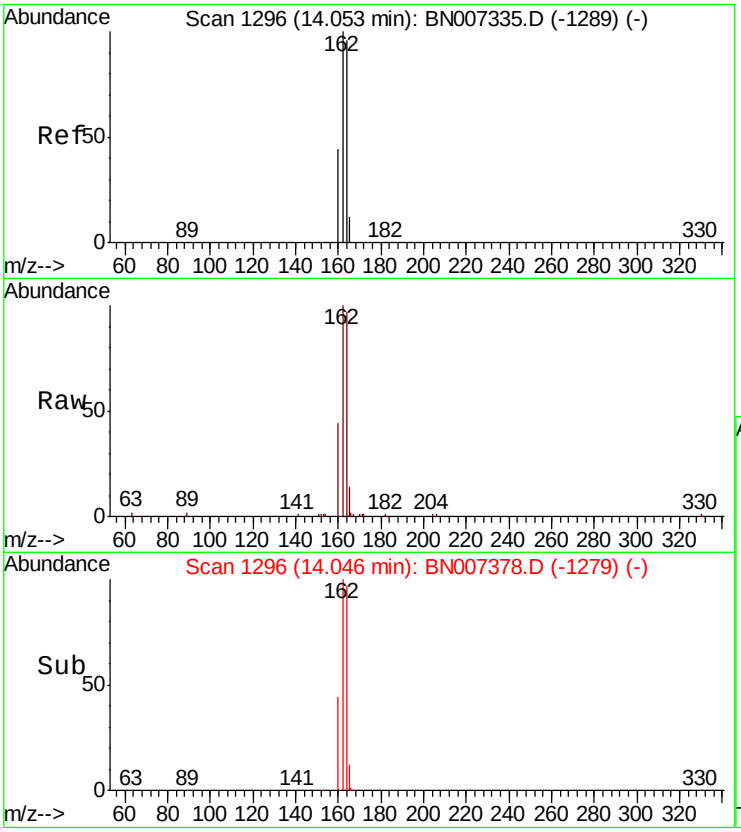


#12
2-Methylnaphthalene
Concen: 0.212 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:142 Resp: 12767

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2
115	41.9	35.2	52.8



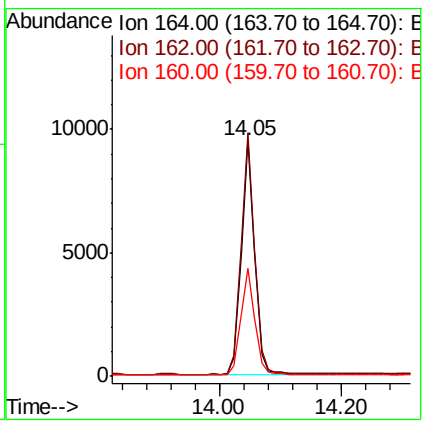


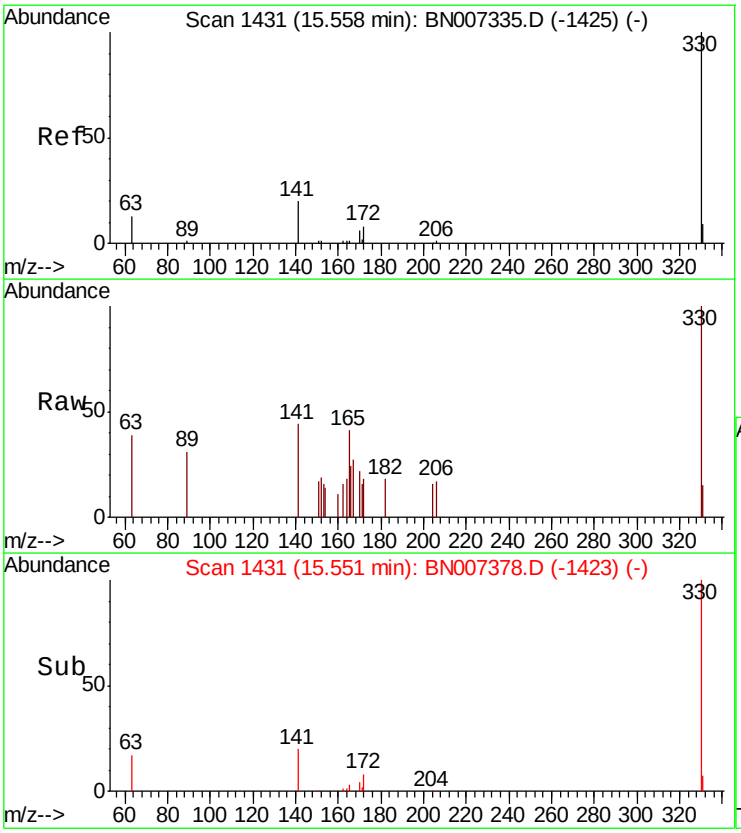
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:164 Resp: 14381

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.5	125.3
160	46.0	38.2	57.4

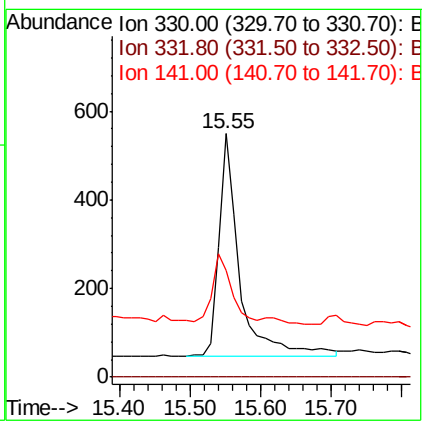


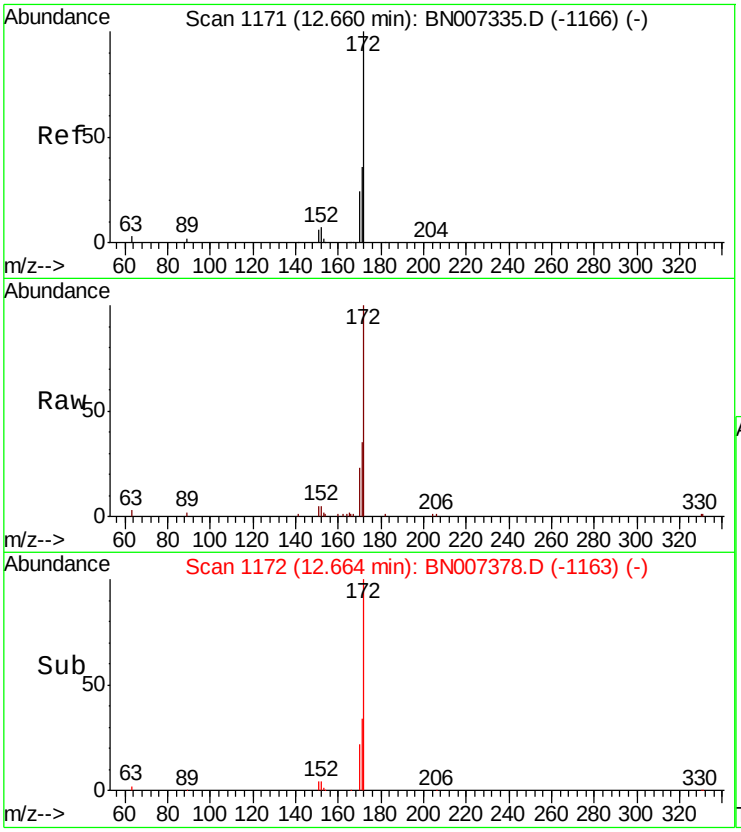


#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:330 Resp: 1031

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.2	26.9	40.3



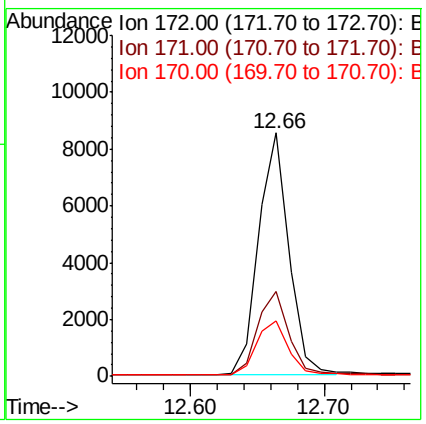


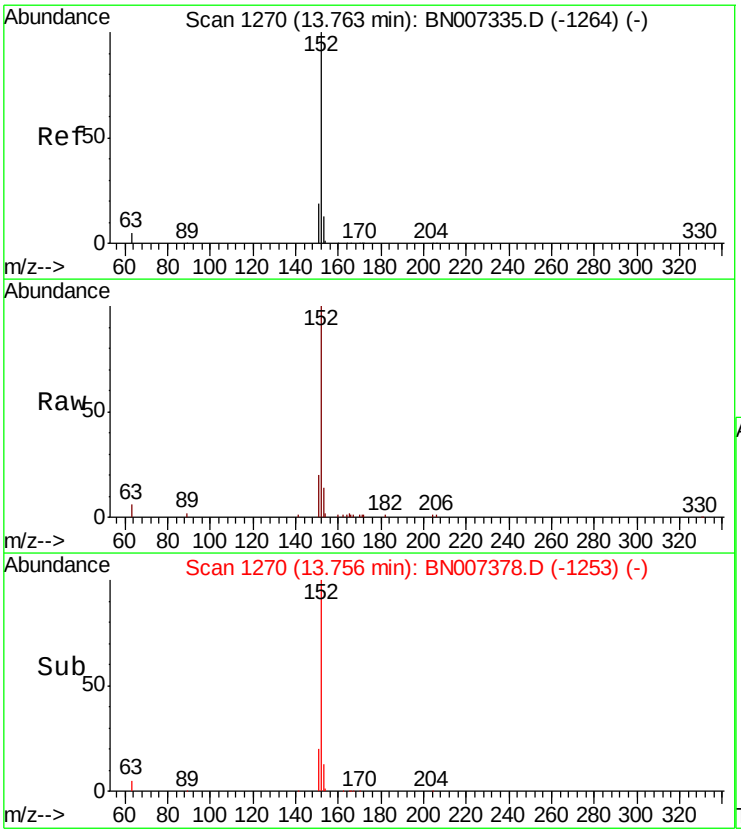
#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:172 Resp: 13526

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.3	45.5
170	22.8	20.7	31.1

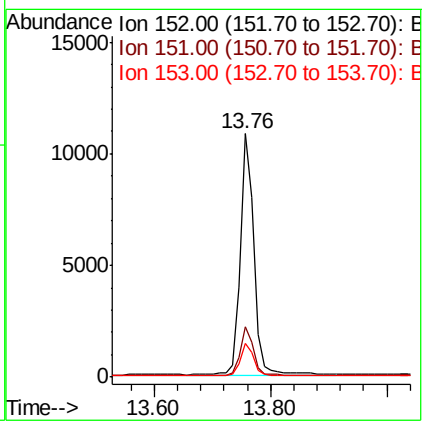


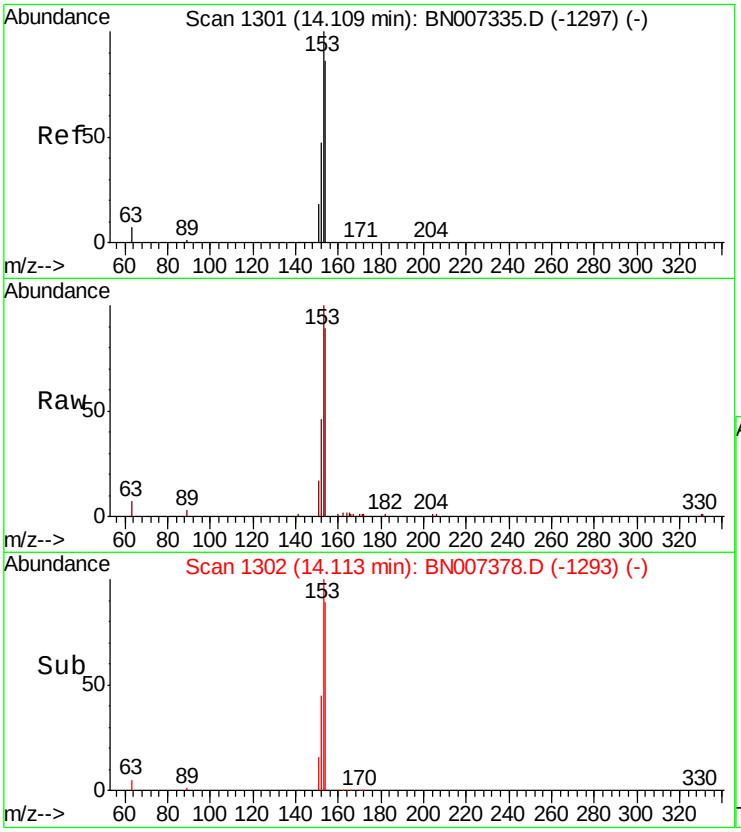


#16
Acenaphthylene
Concen: 0.208 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:152 Resp: 17724

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.6	15.8



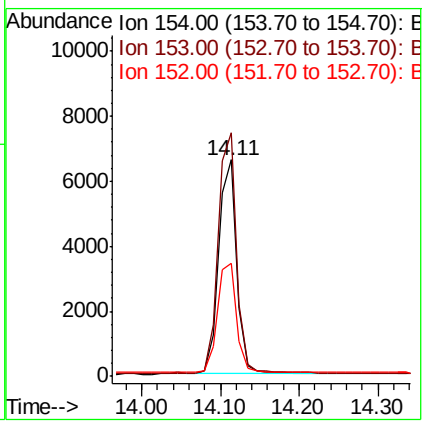


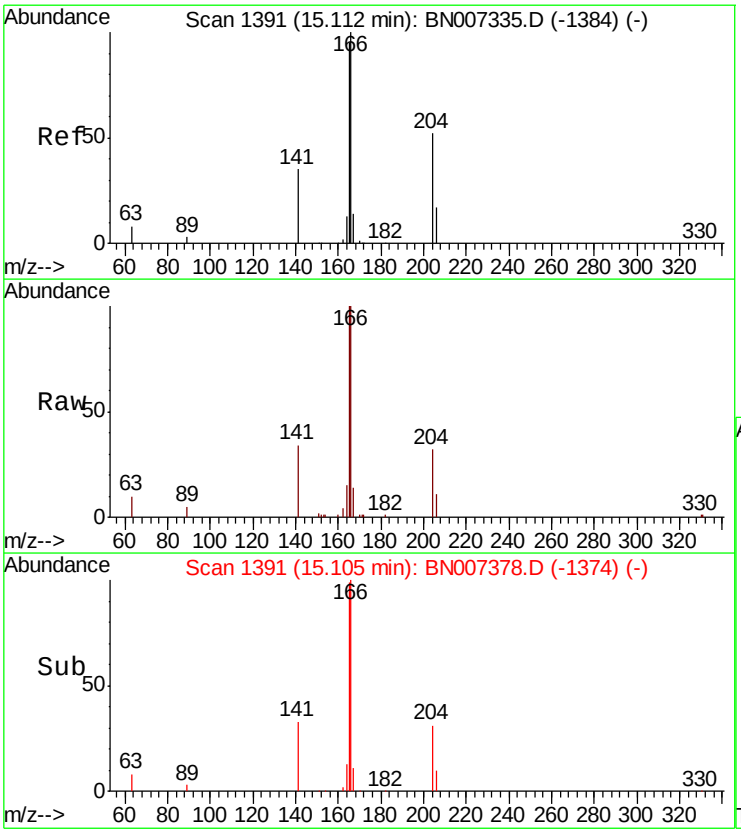
#17
Acenaphthene
Concen: 0.214 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:154 Resp: 10651

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.8	139.2
152	53.8	43.8	65.8

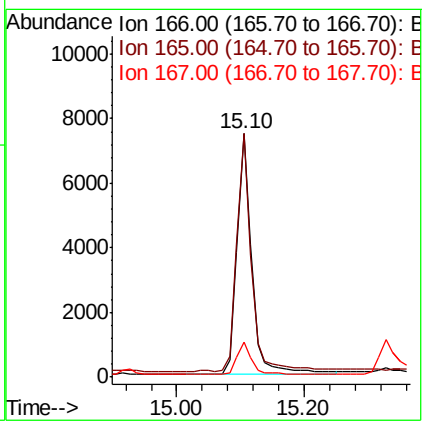


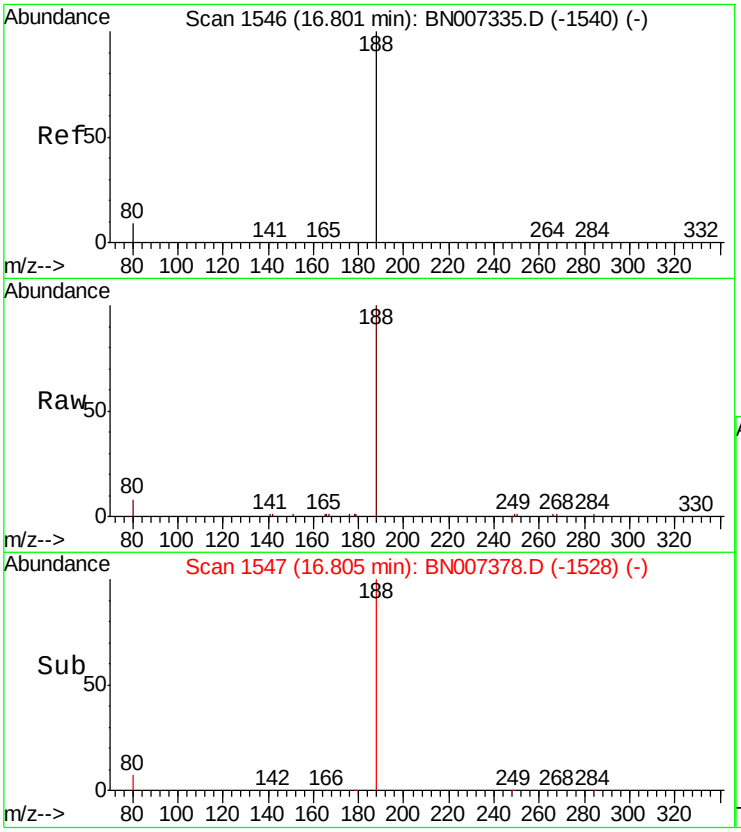


#18
Fluorene
Concen: 0.194 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:166 Resp: 12243

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.1	10.6	15.8



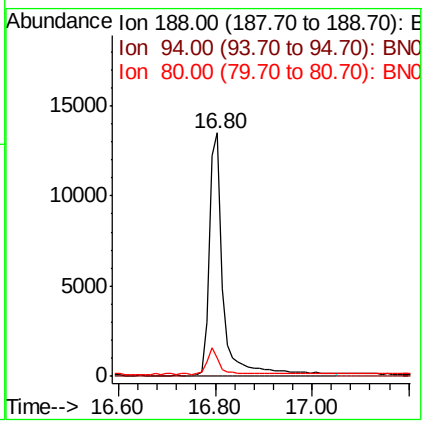


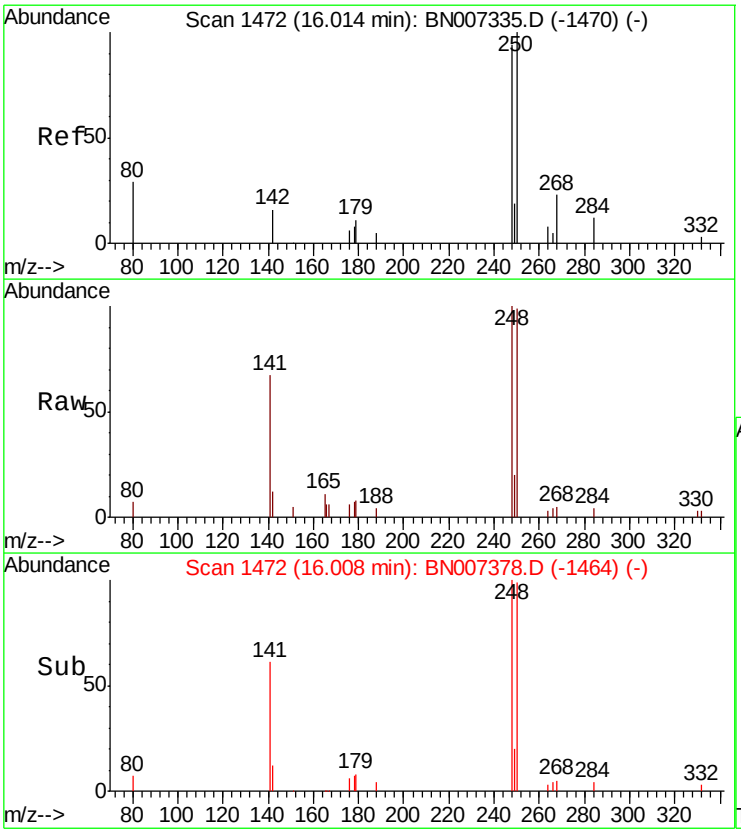
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:188 Resp: 26585

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	11.8	17.8#

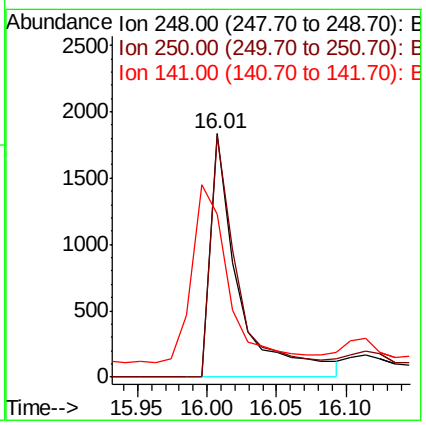


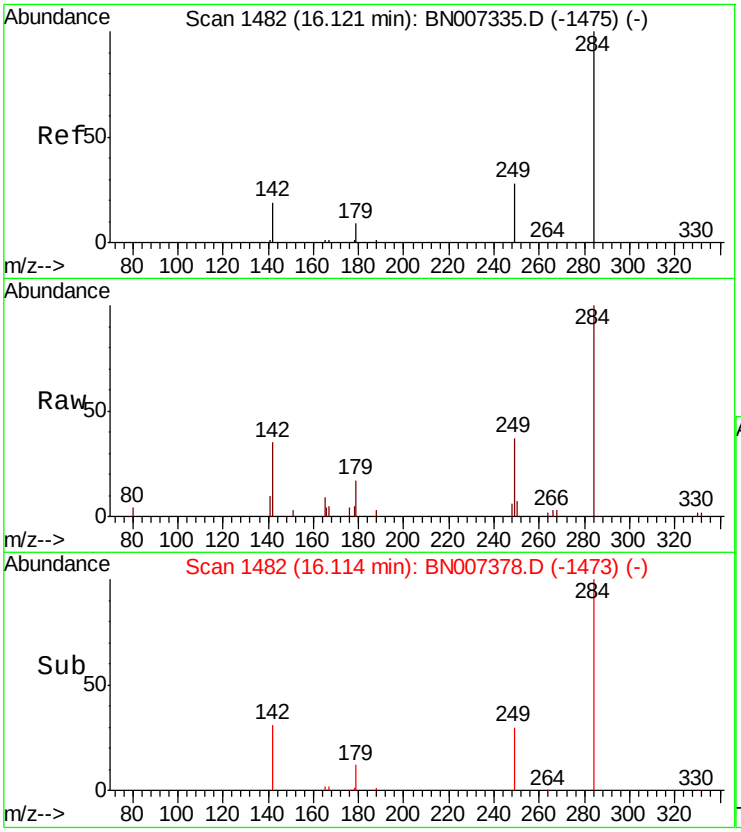


#20
4-Bromophenyl-phenylether
Concen: 0.243 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:248 Resp: 2544

Ion	Ratio	Lower	Upper
248	100		
250	99.0	85.0	127.6
141	67.1	51.7	77.5



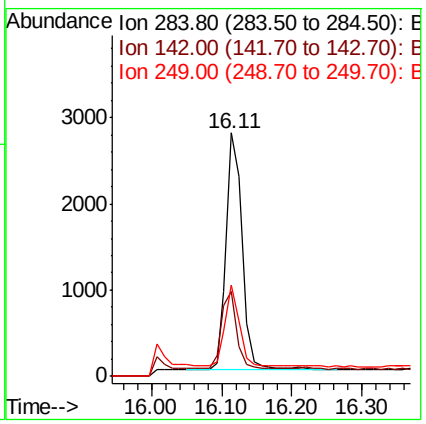


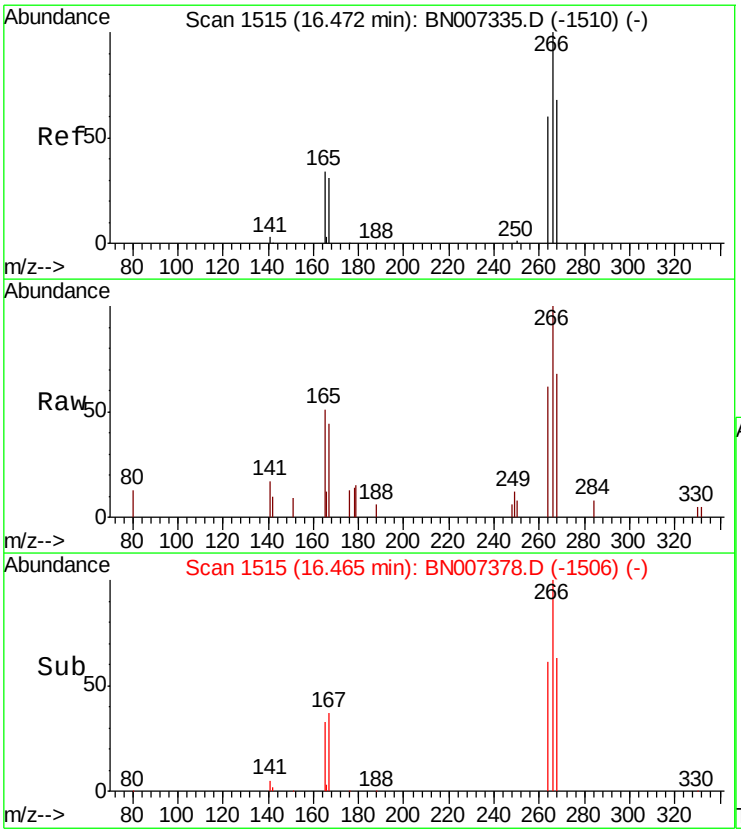
#21
Hexachlorobenzene
Concen: 0.246 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:284 Resp: 4390

Ion	Ratio	Lower	Upper
284	100		
142	31.4	29.0	43.6
249	29.6	24.9	37.3

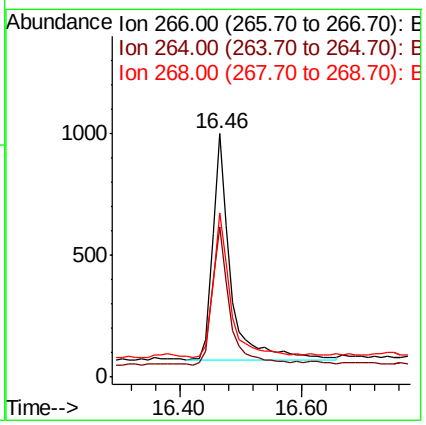


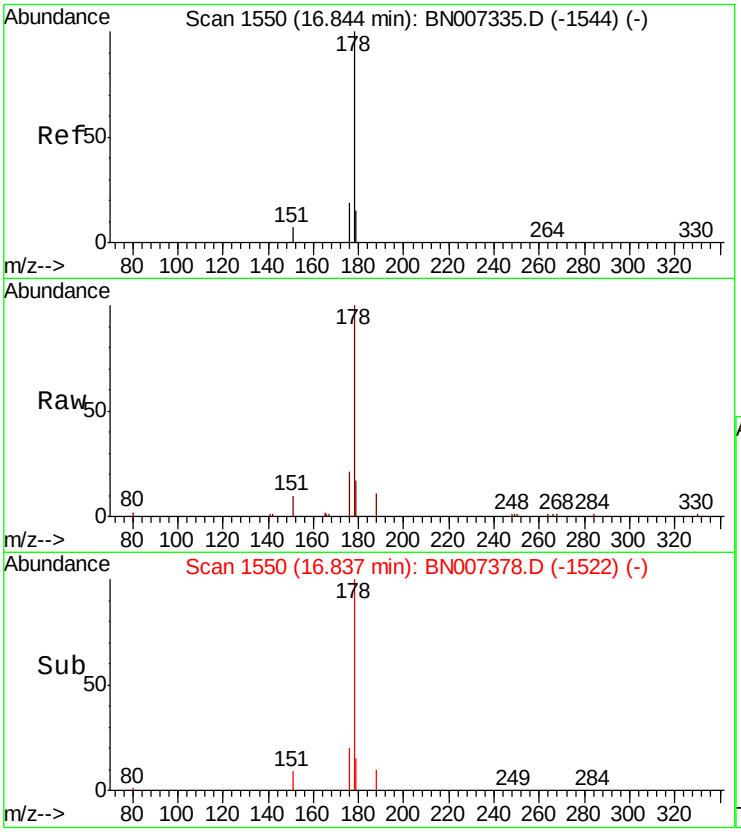


#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:266 Resp: 1844

Ion	Ratio	Lower	Upper
266	100		
264	61.9	57.8	86.8
268	67.6	99.7	149.5#



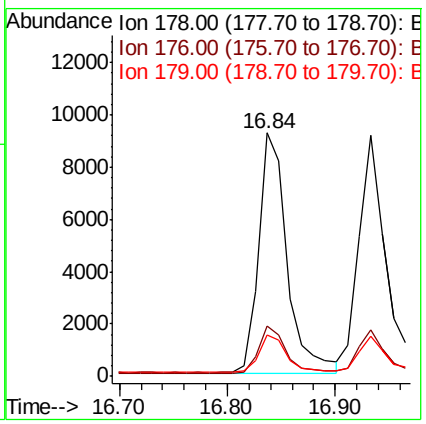


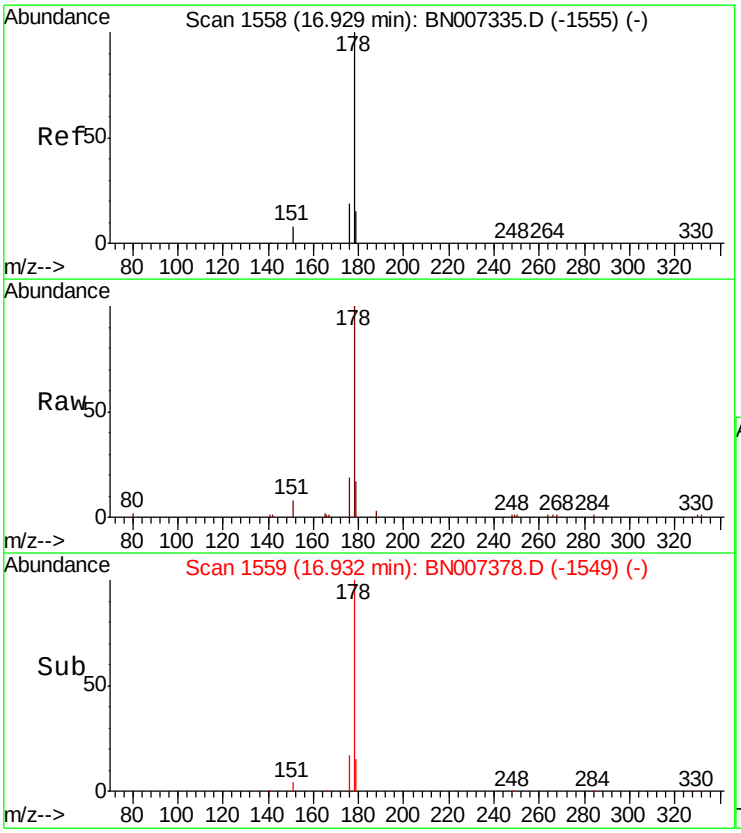
#23
Phenanthrene
Concen: 0.209 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:178 Resp: 16708

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.6	19.0

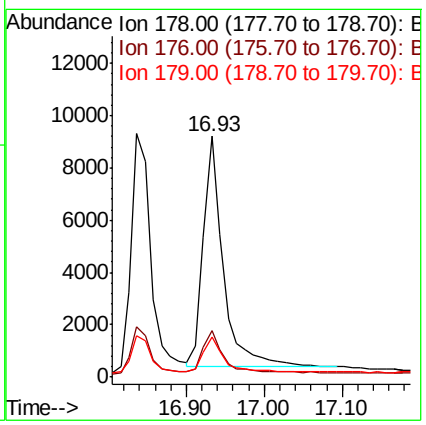


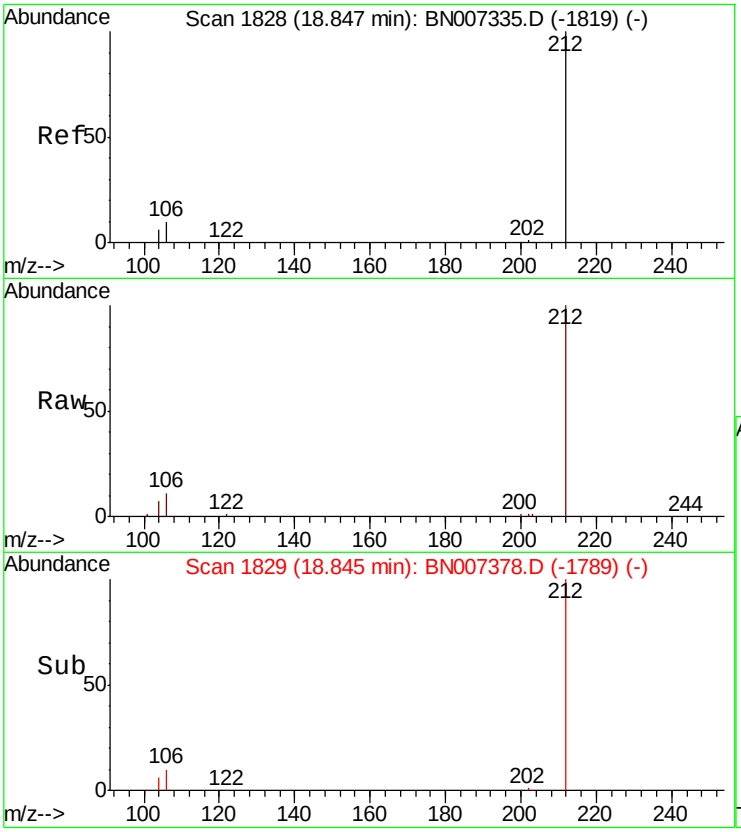


#24
Anthracene
Concen: 0.195 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:178 Resp: 15723

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	14.8	12.4	18.6



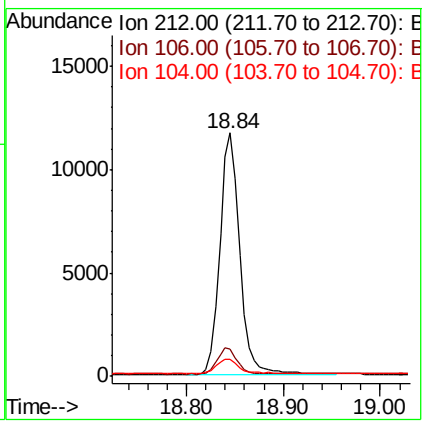


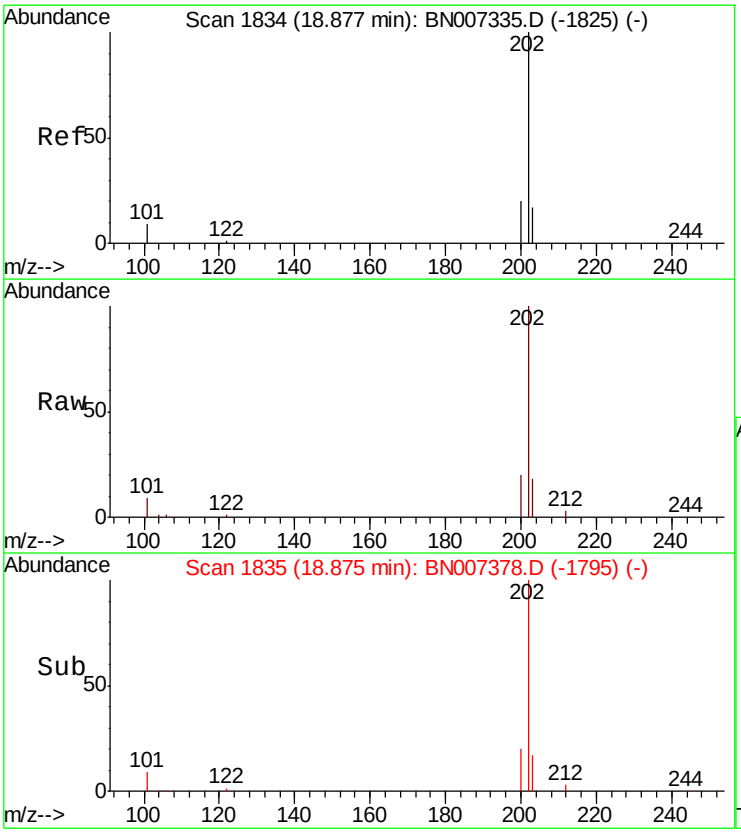
#25
Fluoranthene-d10
Concen: 0.196 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:212 Resp: 16823

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	6.4	5.4	8.2

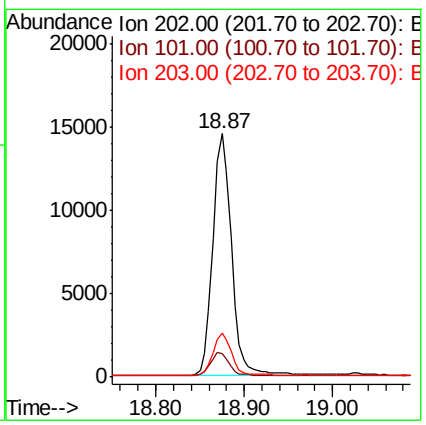


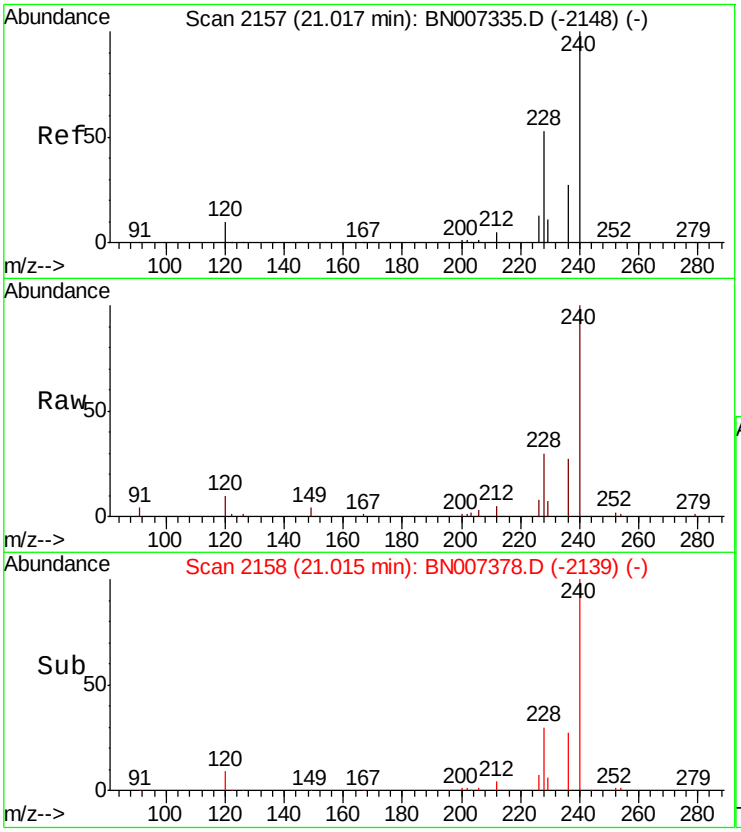


#26
Fluoranthene
Concen: 0.208 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:202 Resp: 21400

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.7	11.5
203	17.1	13.7	20.5



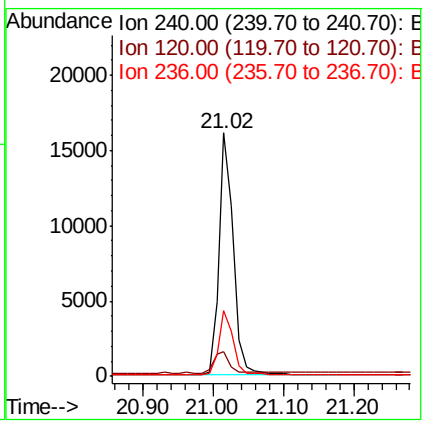


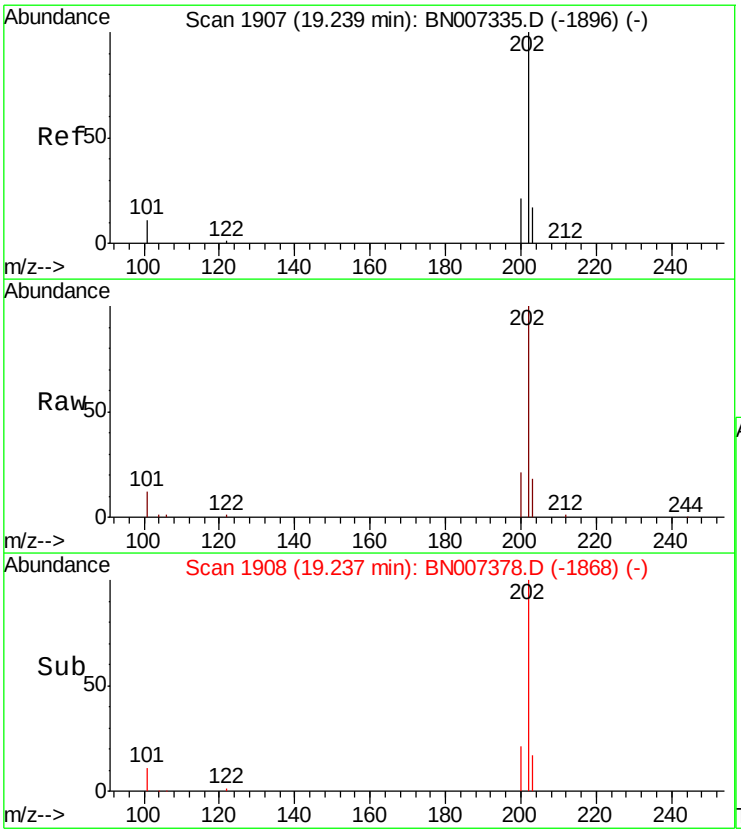
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:240 Resp: 23323

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.6	14.4
236	27.2	22.2	33.2

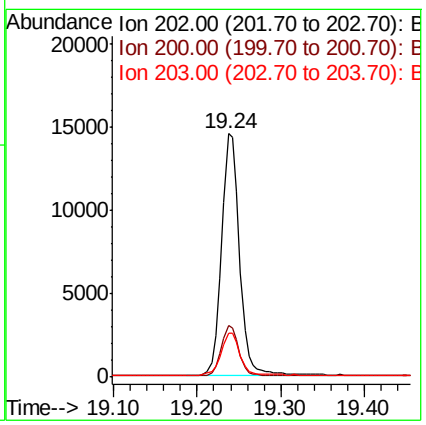


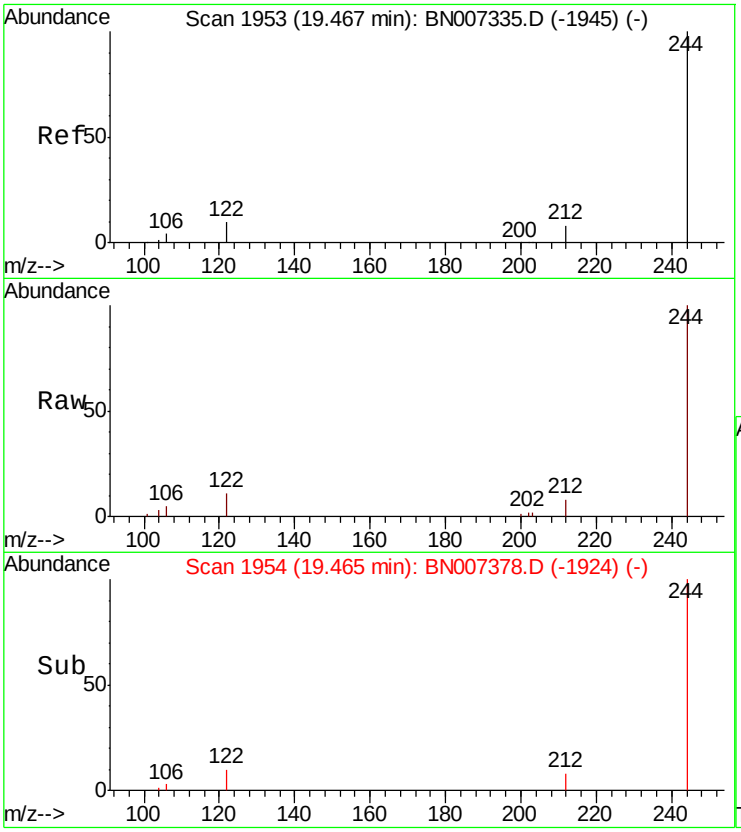


#28
Pyrene
Concen: 0.230 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:202 Resp: 21594

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.0	14.2	21.4



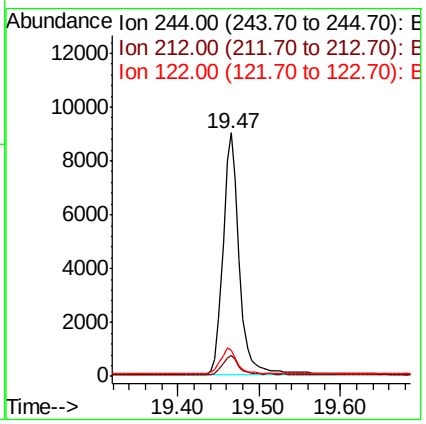


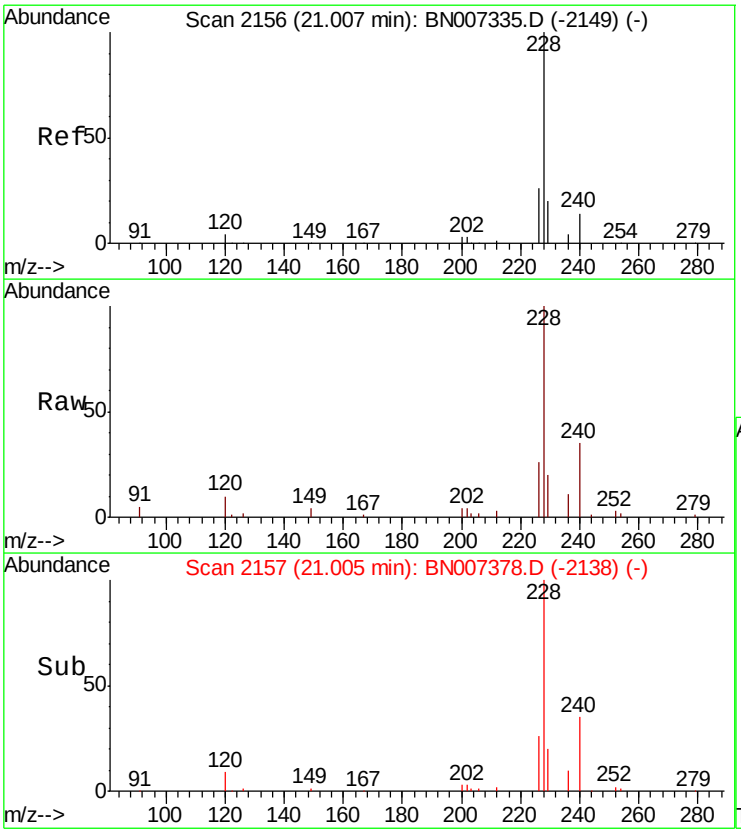
#29
Terphenyl-d14
Concen: 0.208 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:244 Resp: 12681

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.7	9.6	14.4

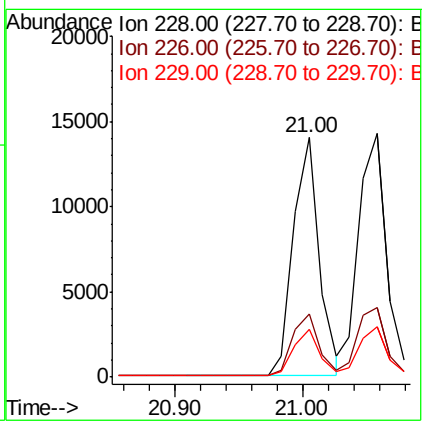


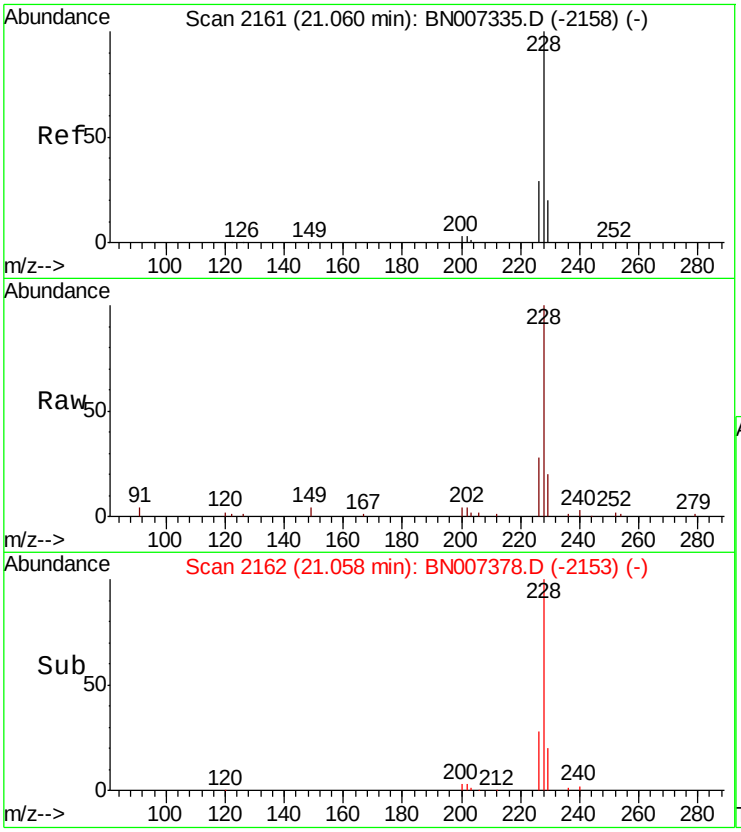


#30
Benzo(a)anthracene
Concen: 0.214 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:228 Resp: 19589

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.1	16.1	24.1



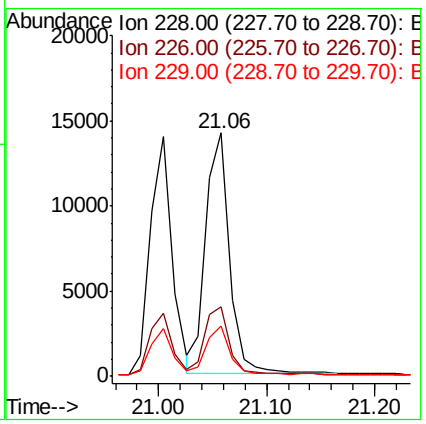


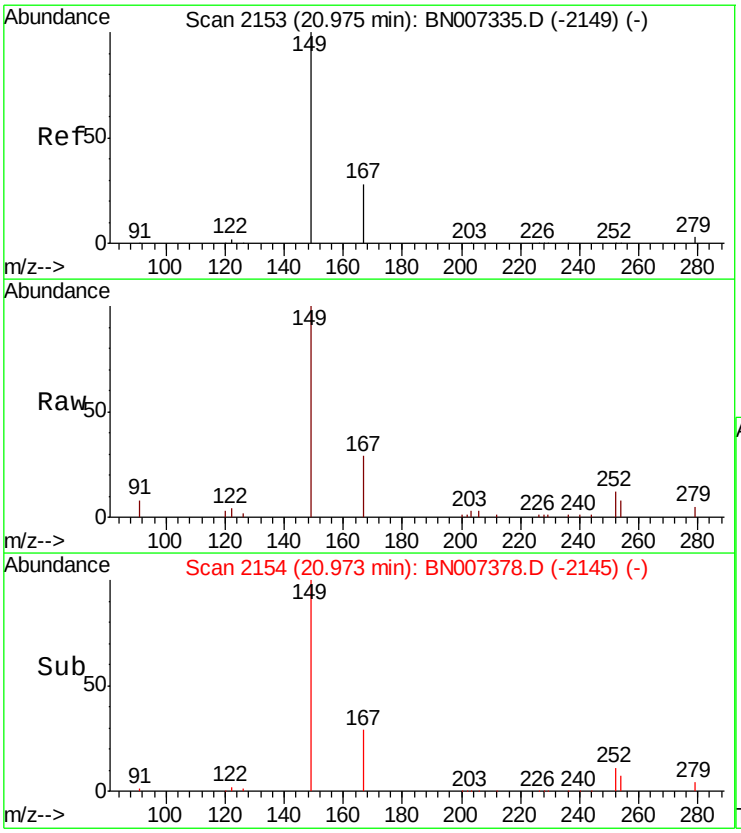
#31
Chrysene
Concen: 0.243 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:228 Resp: 21494

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.4	16.6	24.8

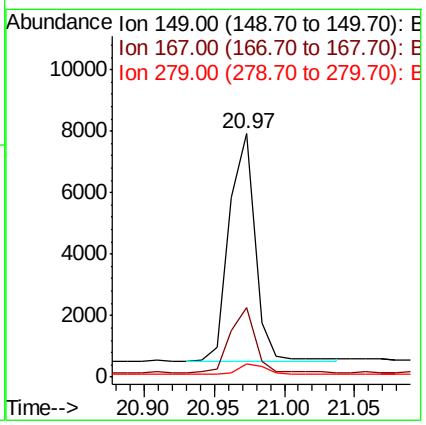


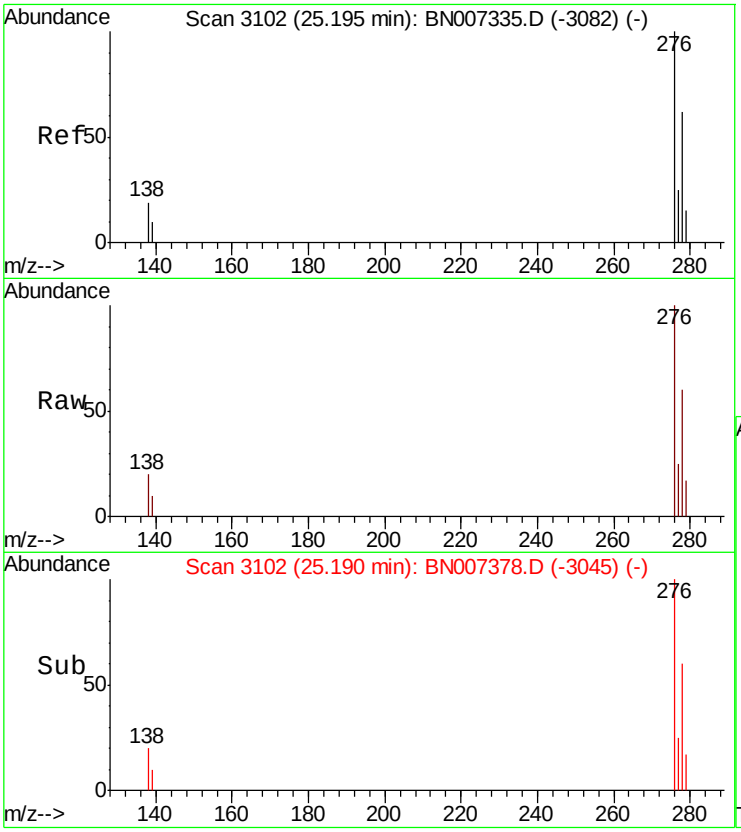


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:149 Resp: 9499

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.5	3.5	5.3



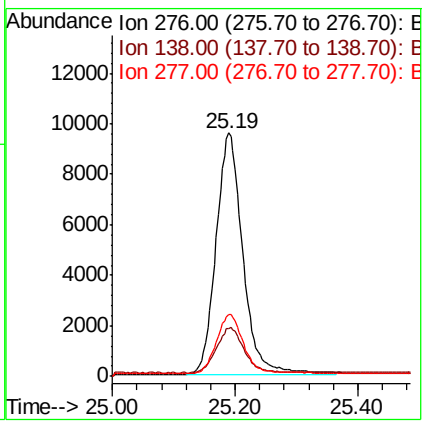


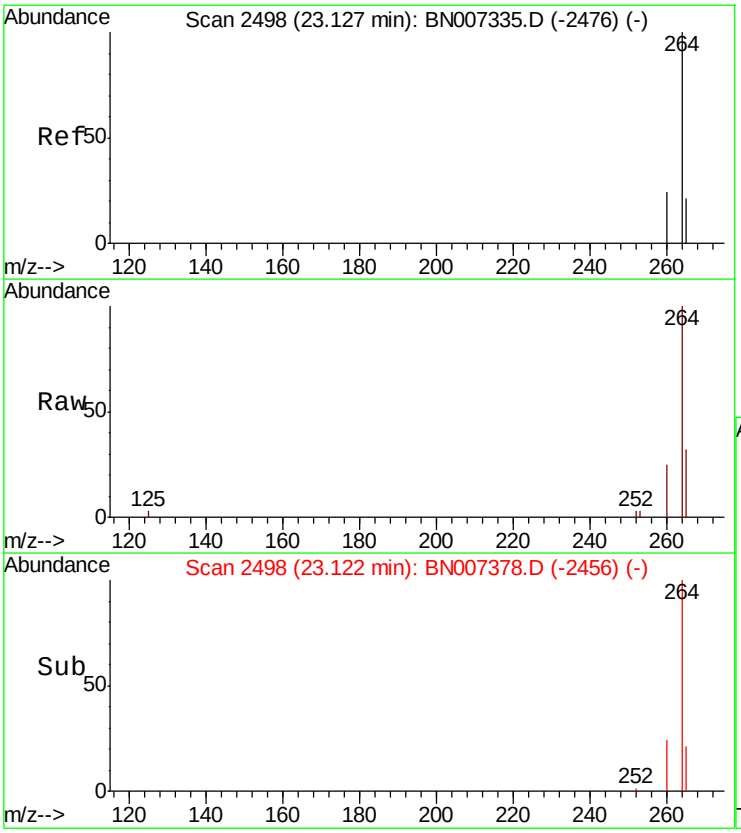
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 28816

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.1	22.7
277	24.2	19.7	29.5

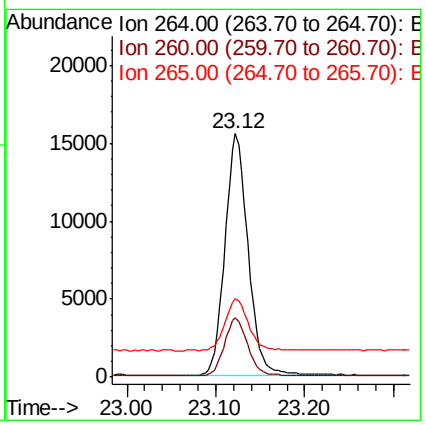


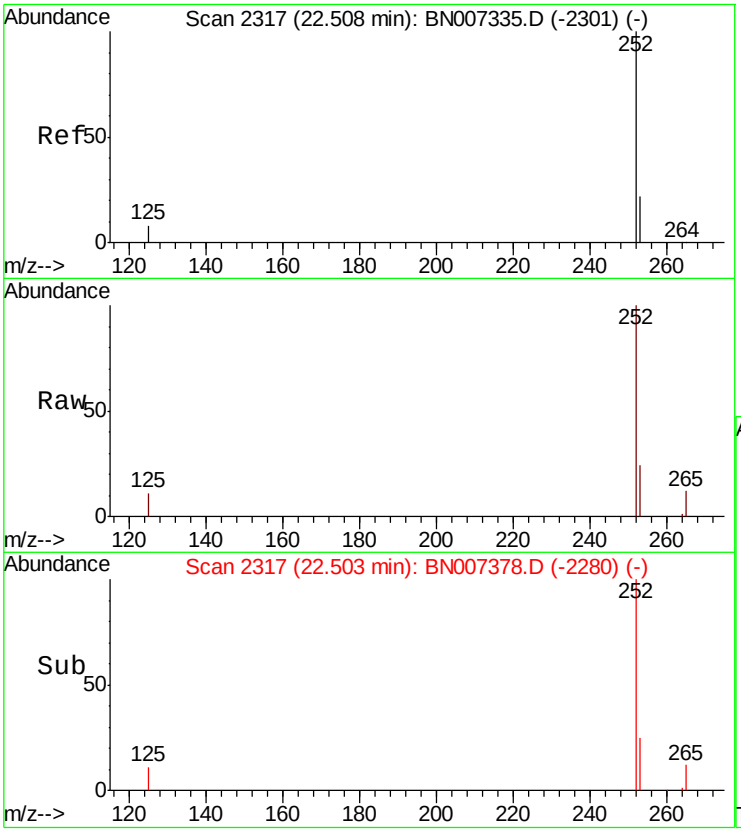


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:264 Resp: 28183

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	32.0	29.9	44.9



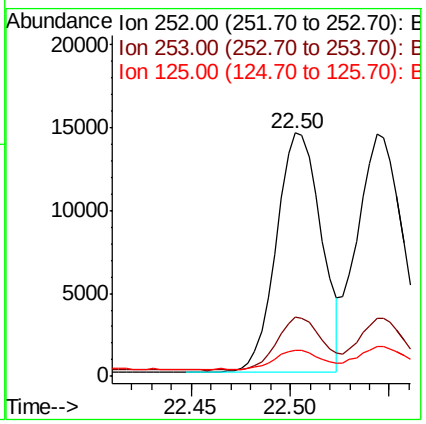


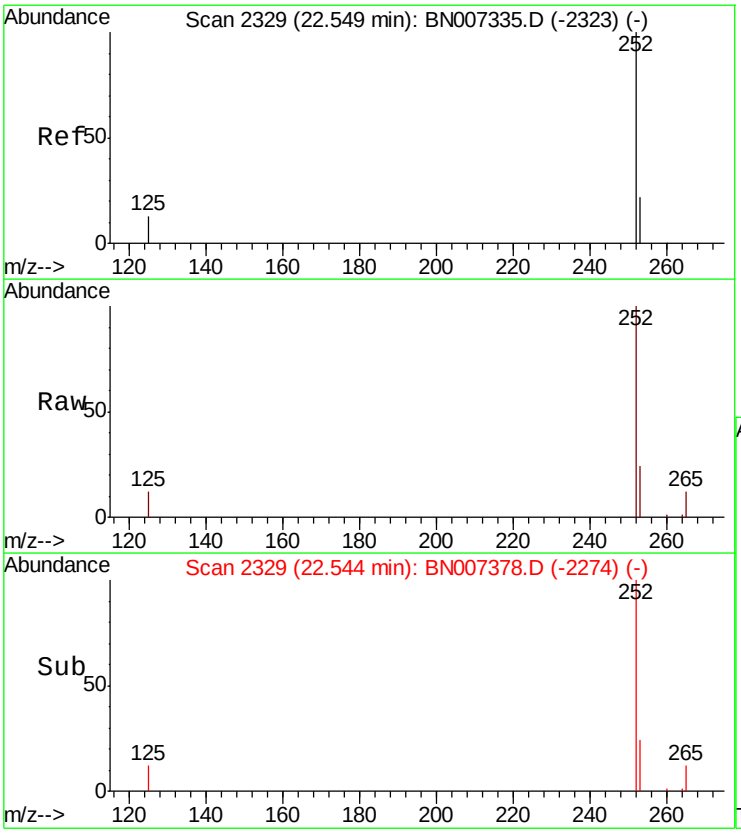
#35
Benzo(b)fluoranthene
Concen: 0.221 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 22603

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.8	10.6	16.0

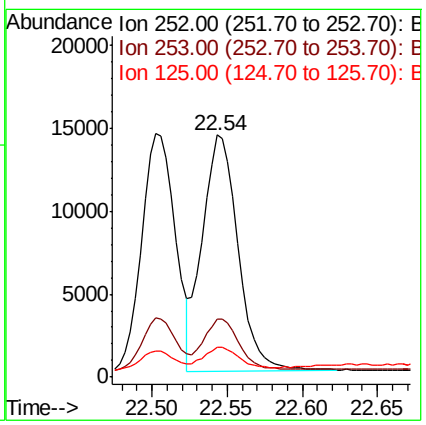


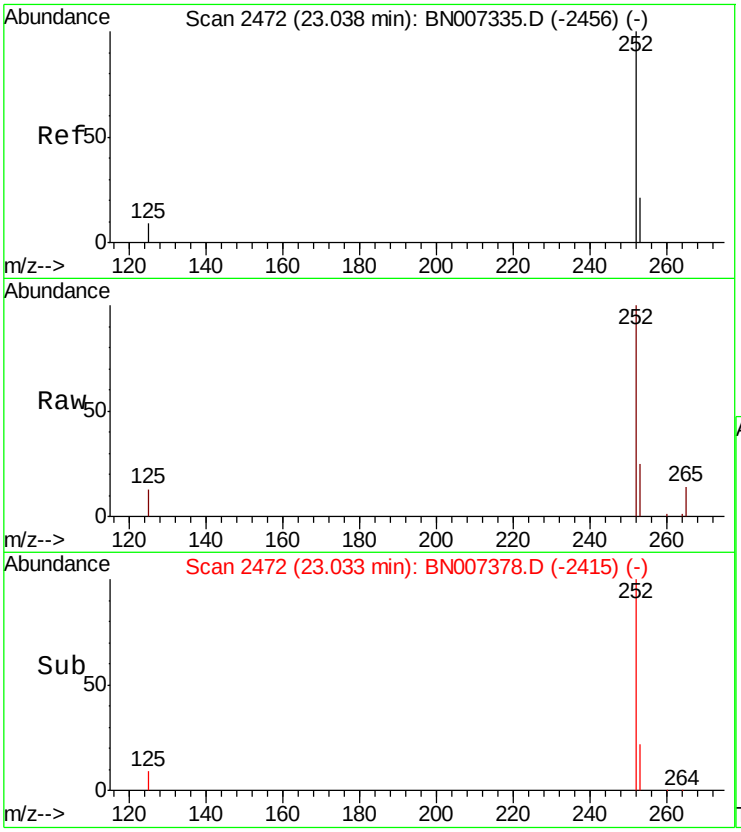


#36
Benzo(k)fluoranthene
Concen: 0.233 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:252 Resp: 23479

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	12.2	13.1	19.7#



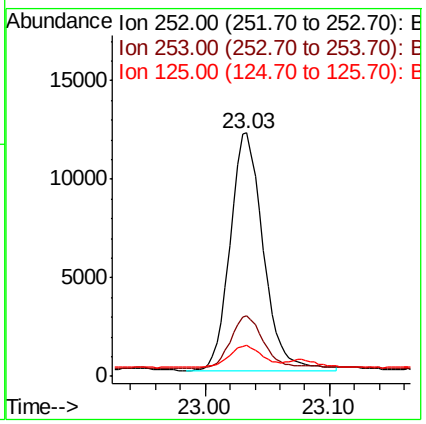


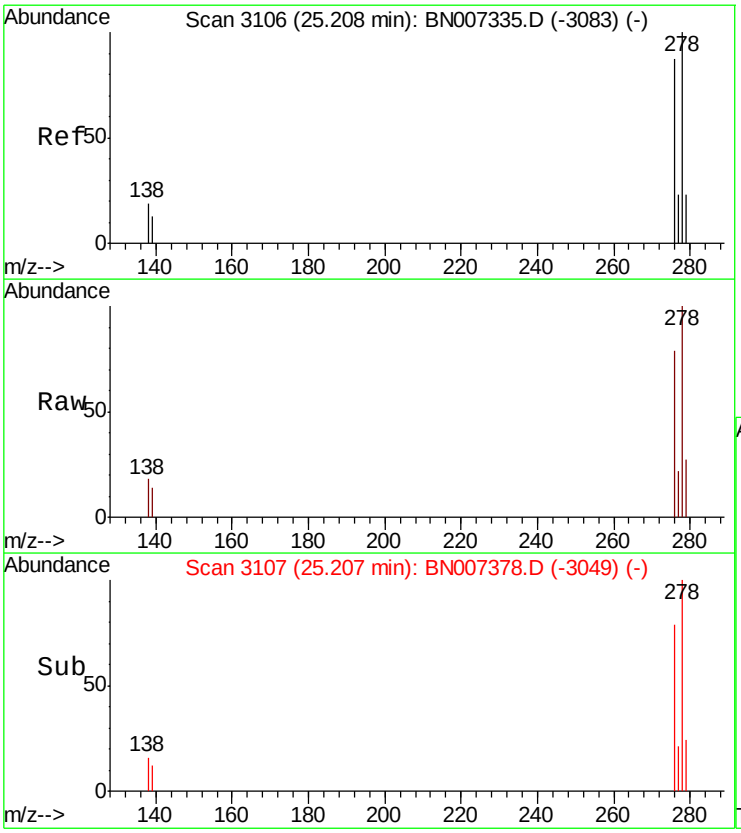
#37
Benzo(a)pyrene
Concen: 0.230 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 22331

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.5	29.3
125	12.6	12.1	18.1

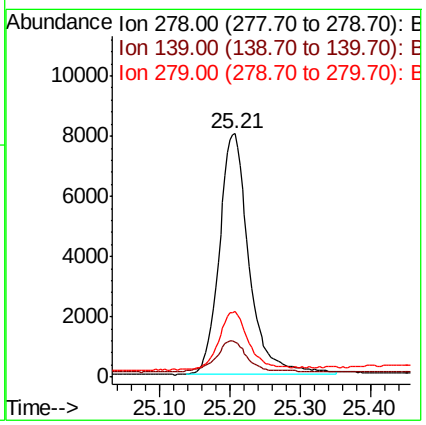


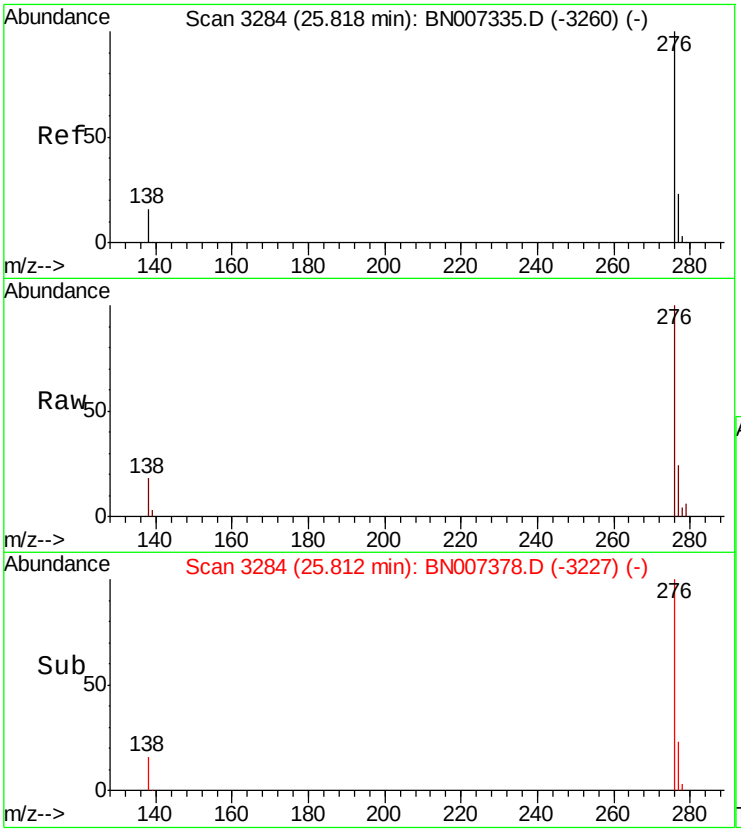


#38
Dibenzo(a,h)anthracene
Concen: 0.242 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:278 Resp: 23420

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.7	20.5
279	26.9	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.260 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 25096

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	18.0	16.3	24.5