Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

Quantitation Report (Not Reviewed)

Data File : BN007393.D
Acq On : 25 Aug 2019 13:39
Operator : HP/JU
Sample : PB122438BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122506BS

Quant Time: Aug 26 05:21:11 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	4720	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	19011	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	10491	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	22950	0.40	ng		0.00
27) Chrysene-d12	21.02	240	24422	0.40	ng		0.00
34) Perylene-d12	23.12	264	29746	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	9413	0.59	ng		0.00
5) Phenol-d6	6.59	99	12525	0.62	ng		0.00
8) Nitrobenzene-d5	8.53	82	10445	0.63	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	7244	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	3483	0.63	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	26799	0.63	ng		0.00
25) Fluoranthene-d10	18.84	212	17255	0.23	ng		0.00
29) Terphenyl-d14	19.47	244	38976	0.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1368	0.174	ng	#	44
3) n-Nitrosodimethylamine	3.31	42	619	0.170	ng	#	59
6) bis(2-Chloroethyl)ether	6.84	93	3073	0.180	ng		97
9) Naphthalene	10.20	128	10256	0.189	ng	#	92
10) Hexachlorobutadiene	10.51	225	2018	0.181	ng	#	98
12) 2-Methylnaphthalene	11.83	142	7044	0.190	ng		95
16) Acenaphthylene	13.76	152	10933	0.176	ng		99
17) Acenaphthene	14.10	154	6833	0.188	ng		99
18) Fluorene	15.10	166	8590	0.187	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1688	0.187	ng		95
21) Hexachlorobenzene	16.11	284	3217	0.209	ng		96
22) Pentachlorophenol	16.46	266	1510	0.316	ng	#	63
23) Phenanthrene	16.84	178	14300	0.207	ng		99
24) Anthracene	16.93	178	13191	0.190	ng		100
26) Fluoranthene	18.87	202	18368	0.207	ng		100
28) Pyrene	19.24	202	19127	0.195	ng		100
30) Benzo(a)anthracene	21.00	228	19073	0.199	ng		99
31) Chrysene	21.06	228	18716	0.202	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	14742	0.219	ng		95
33) Indeno(1,2,3-cd)pyrene	25.19	276	25401	0.228	ng		99
35) Benzo(b)fluoranthene	22.51	252	20854	0.193	ng		98
36) Benzo(k)fluoranthene	22.55	252	20783	0.195	ng		99
37) Benzo(a)pyrene	23.03	252	19634	0.191	ng		98
38) Dibenzo(a,h)anthracene	25.20	278	20424	0.200	ng		99
39) Benzo(g,h,i)perylene	25.81	276	20965	0.206	ng		98

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

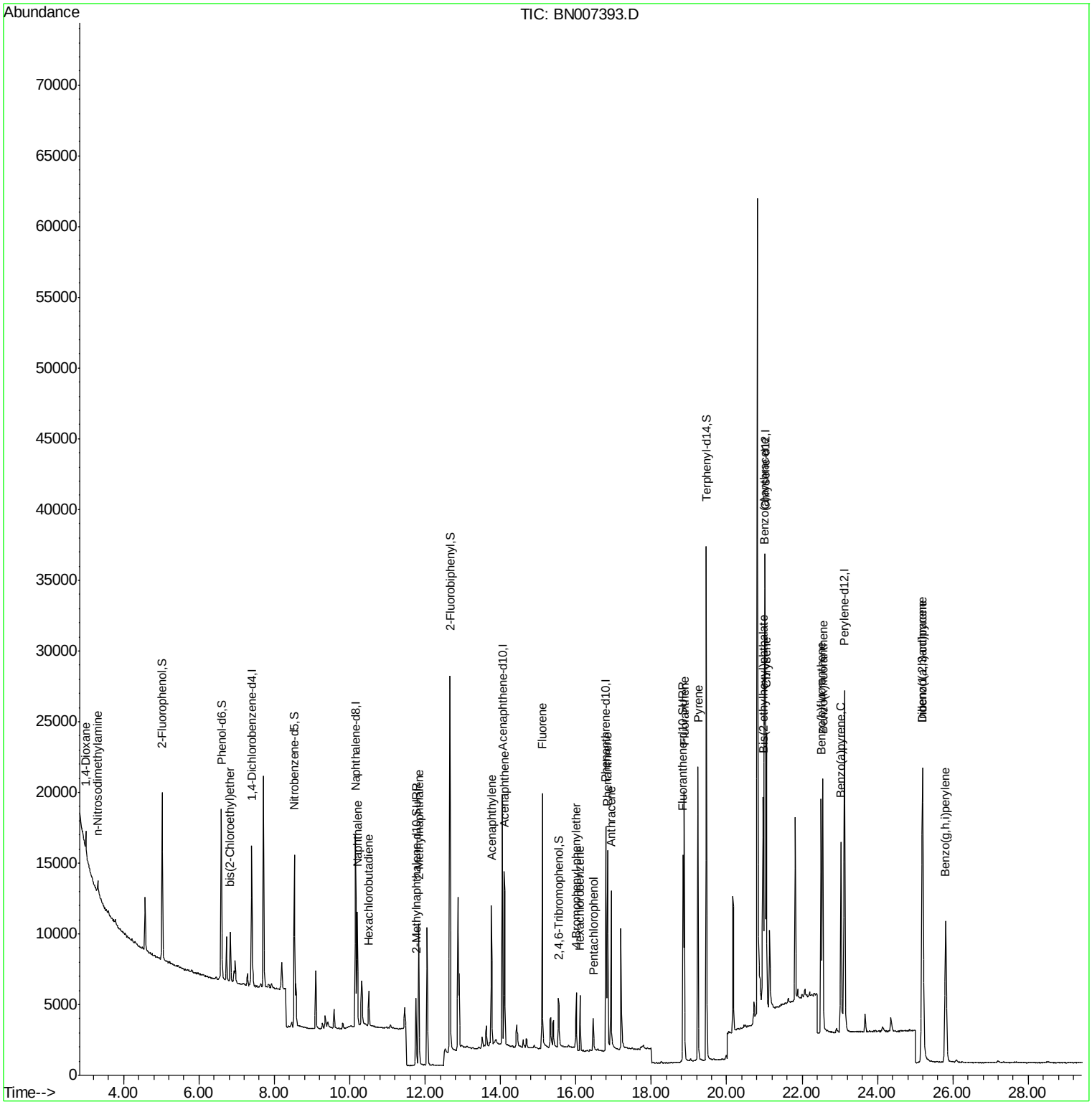
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

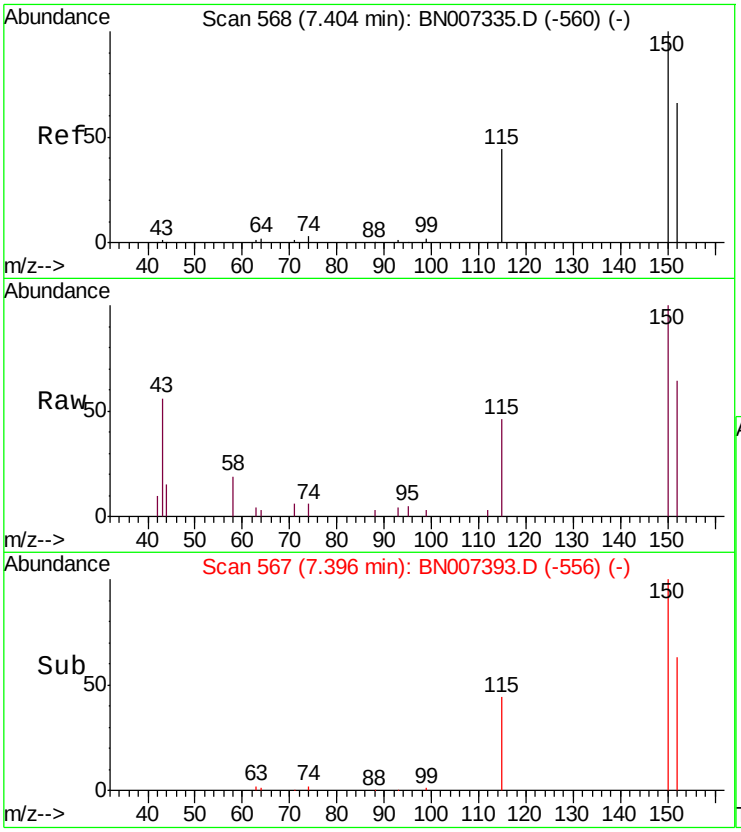
Quantitation Report (Not Reviewed)

Data File : BN007393.D
Acq On : 25 Aug 2019 13:39
Operator : HP/JU
Sample : PB122438BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Quant Time: Aug 26 05:21:11 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



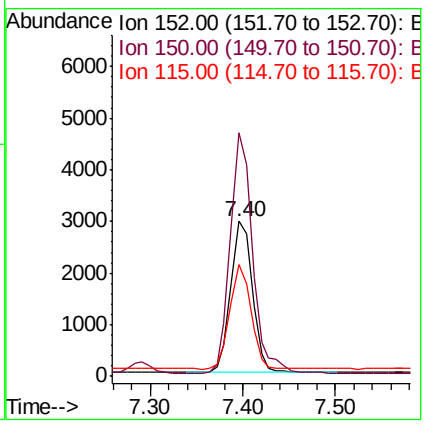


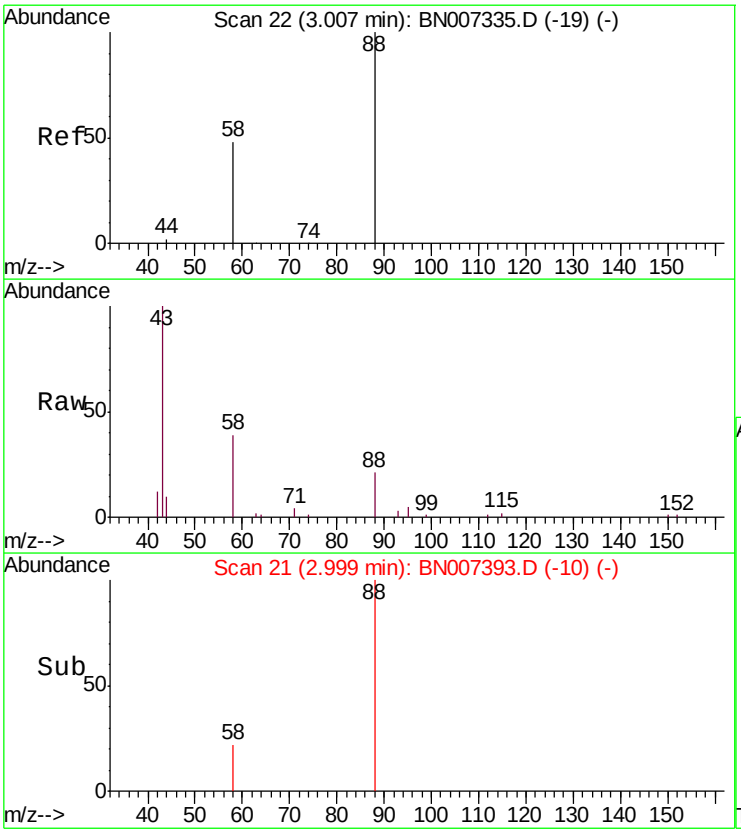
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 4720

Ion	Ratio	Lower	Upper
152	100		
150	157.3	109.1	163.7
115	72.4	59.6	89.4

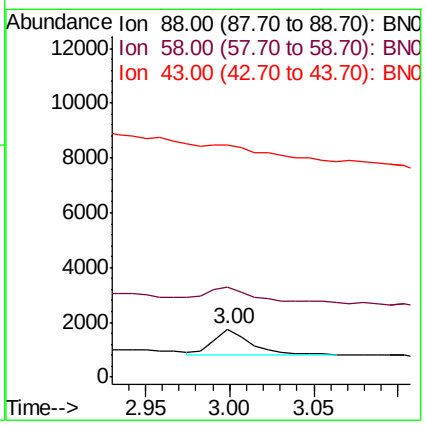


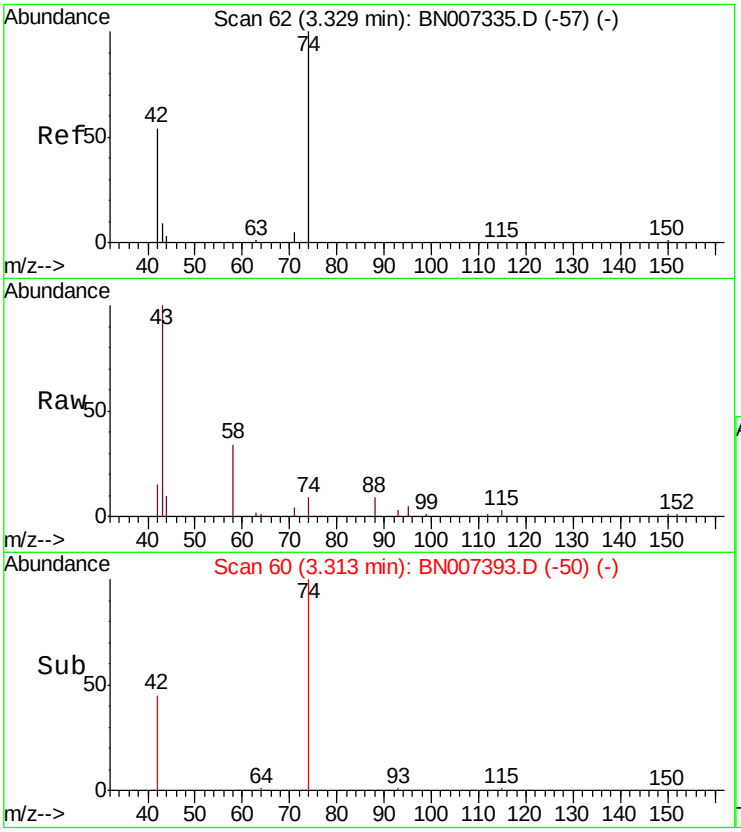


#2
1,4-Dioxane
Concen: 0.174 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion: 88 Resp: 1368

Ion	Ratio	Lower	Upper
88	100		
58	106.2	50.5	75.7#
43	0.0	0.0	0.0



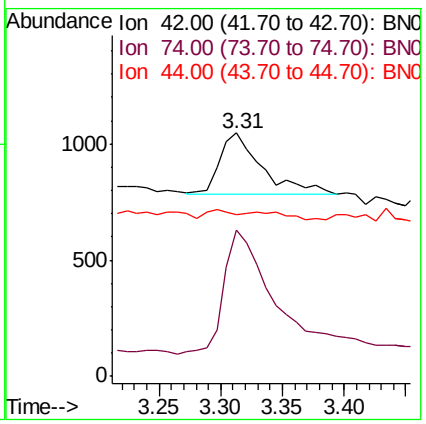


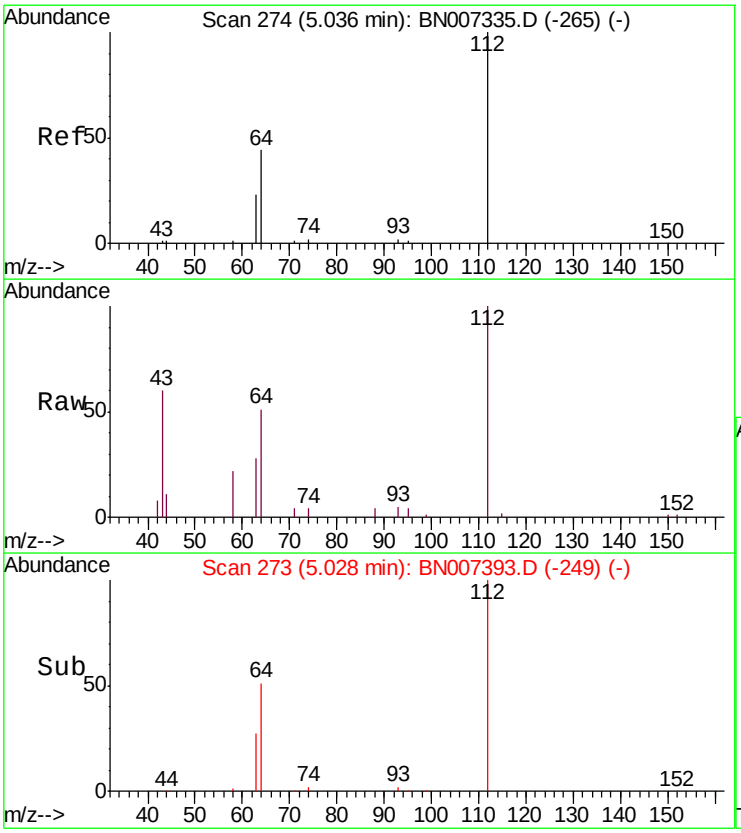
#3
n-Nitrosodimethylamine
Concen: 0.170 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 42 Resp: 619

Ion	Ratio	Lower	Upper
42	100		
74	240.9	144.7	217.1#
44	7.9	3.2	4.8#

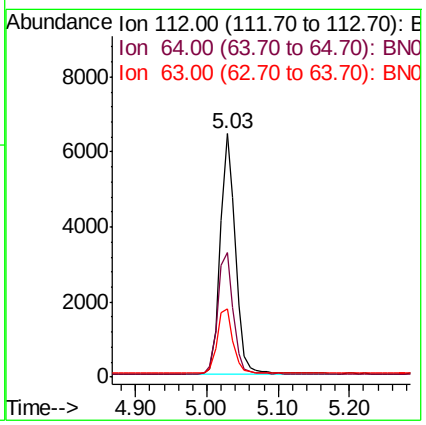


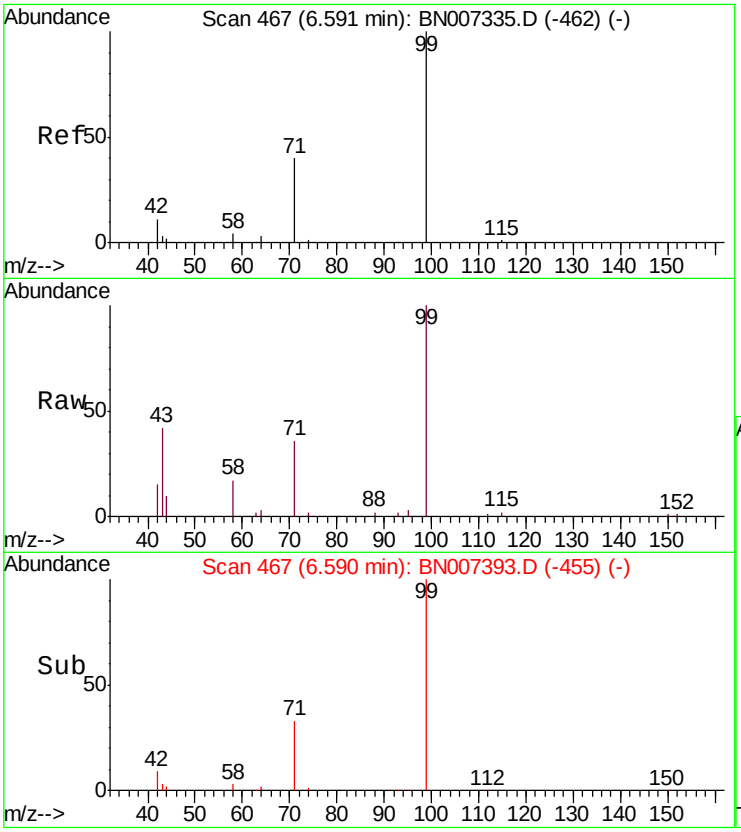


#4
2-Fluorophenol
Concen: 0.588 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:112 Resp: 9413

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.3	63.5
63	28.0	23.6	35.4



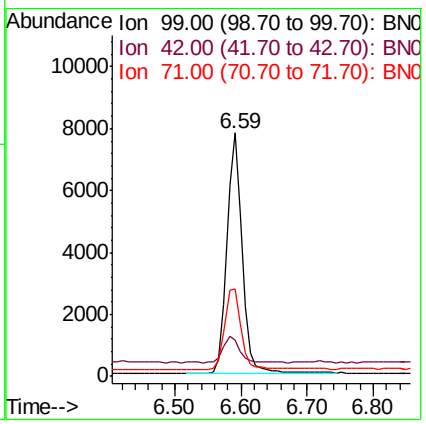


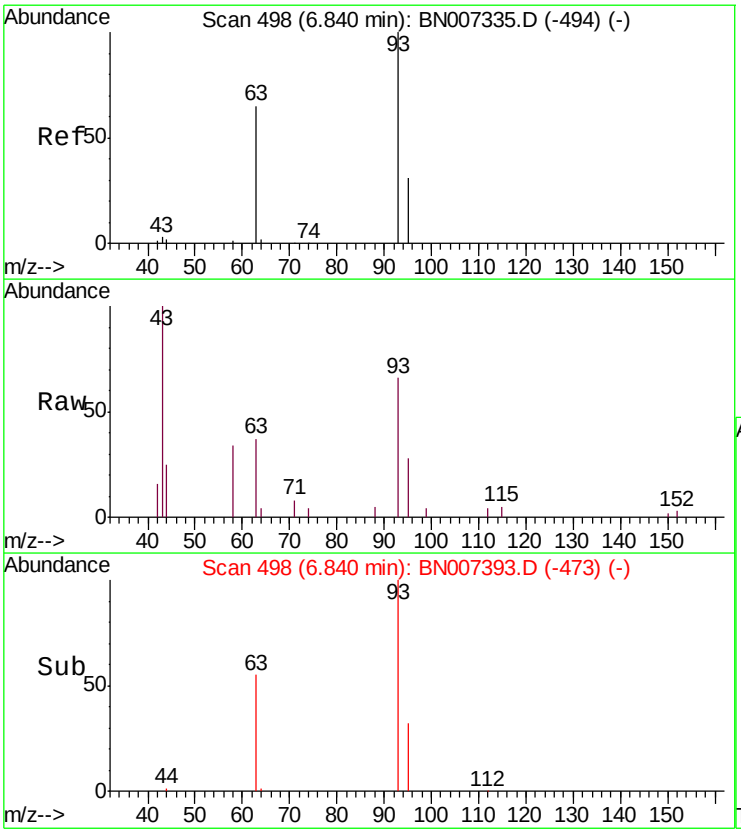
#5
Phenol-d6
Concen: 0.618 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 99 Resp: 12525

Ion	Ratio	Lower	Upper
99	100		
42	11.9	11.2	16.8
71	35.3	31.8	47.8

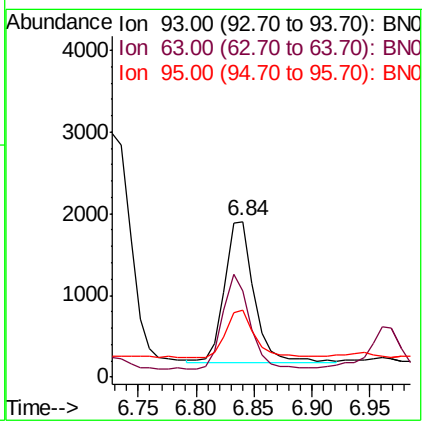


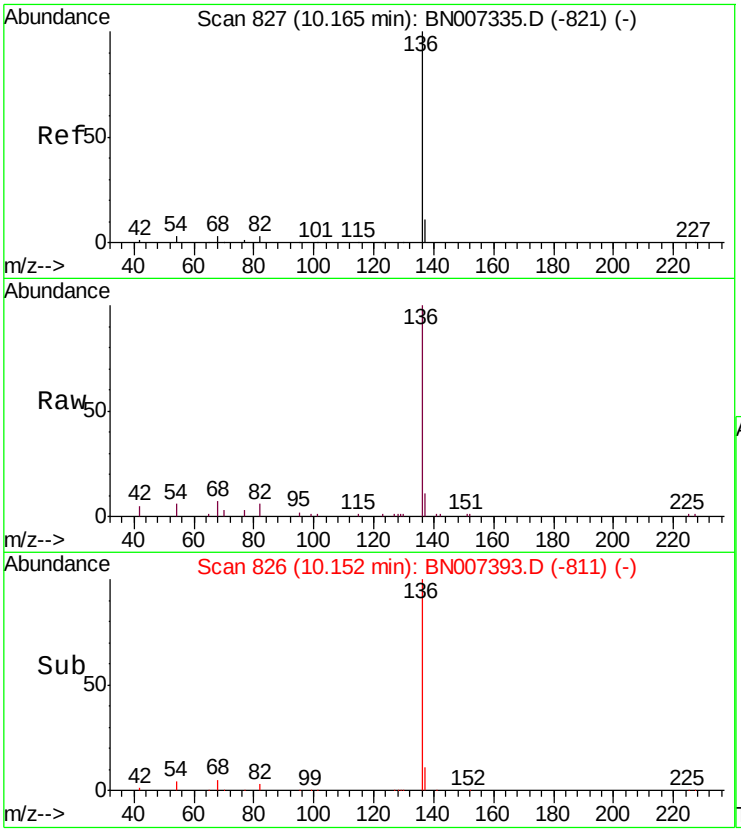


#6
bis(2-Chloroethyl)ether
Concen: 0.180 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion: 93 Resp: 3073

Ion	Ratio	Lower	Upper
93	100		
63	61.9	51.9	77.9
95	33.3	27.7	41.5



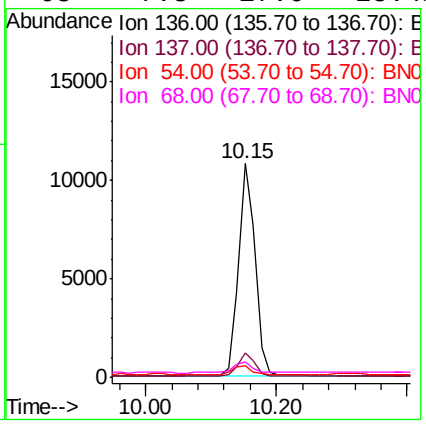


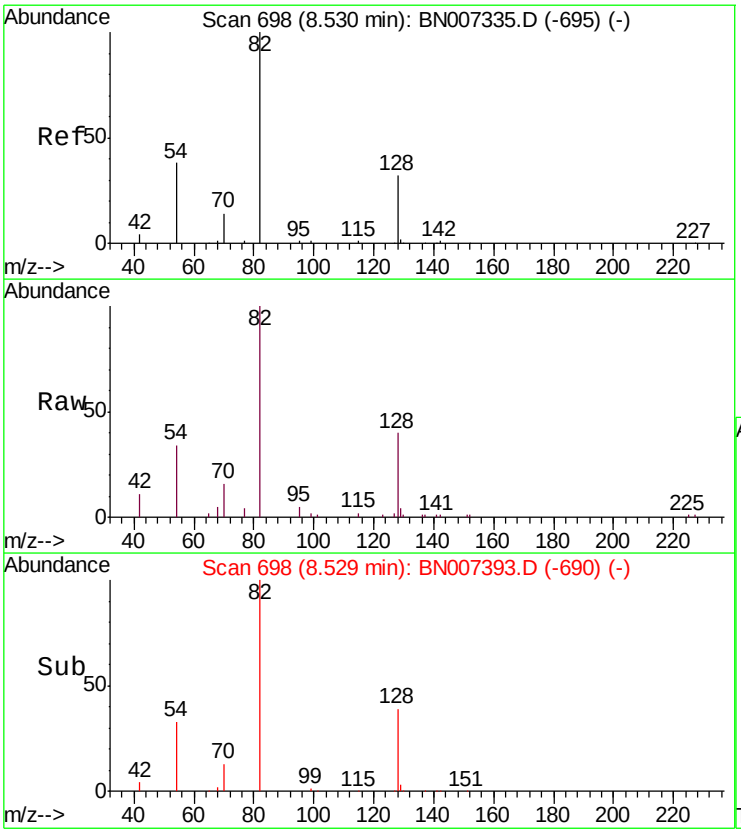
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:136 Resp: 19011

Ion	Ratio	Lower	Upper
136	100		
137	11.1	12.9	19.3#
54	5.6	8.6	12.8#
68	7.3	17.0	25.4#

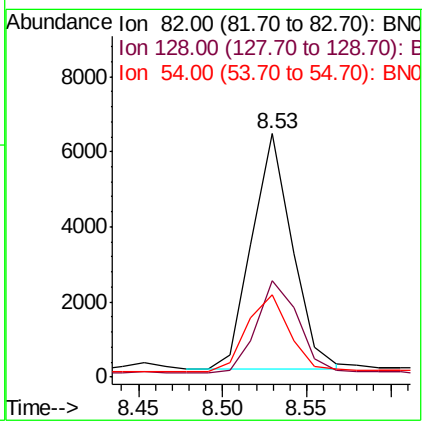


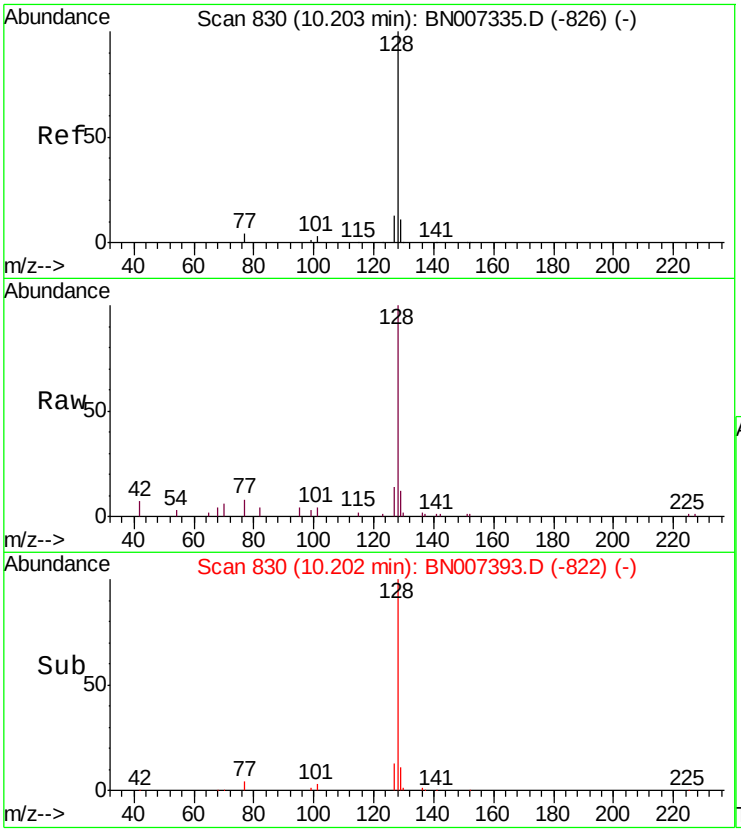


#8
Nitrobenzene-d5
Concen: 0.631 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion: 82 Resp: 10445

Ion	Ratio	Lower	Upper
82	100		
128	39.6	19.7	29.5#
54	34.0	25.8	38.6



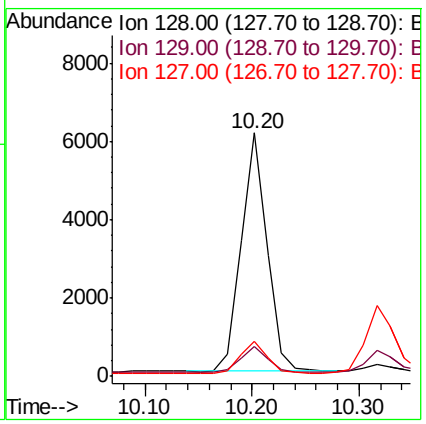


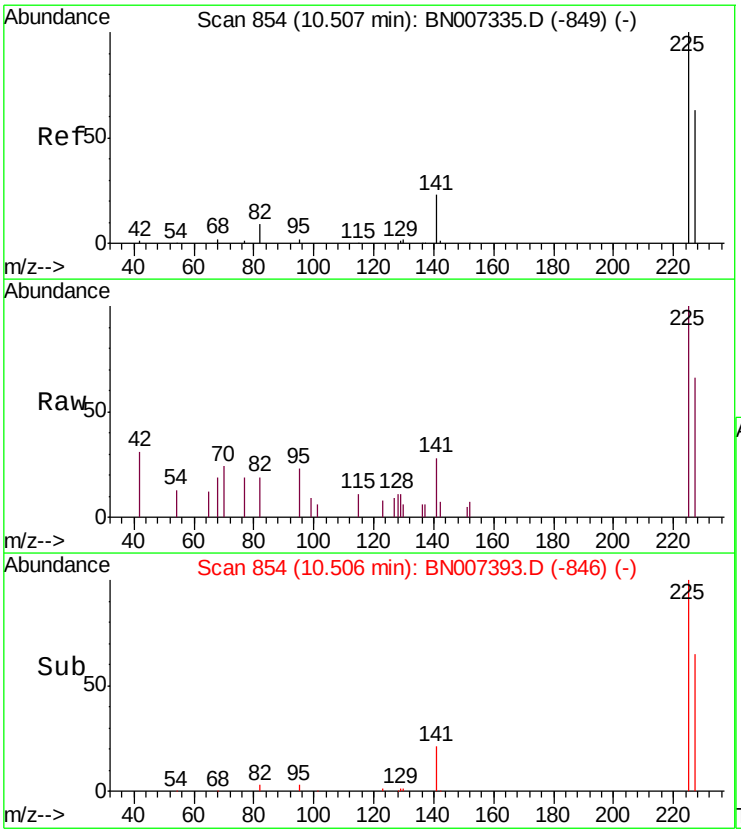
#9
Naphthalene
Concen: 0.189 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:128 Resp: 10256

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.1	16.7
127	14.2	15.5	23.3#

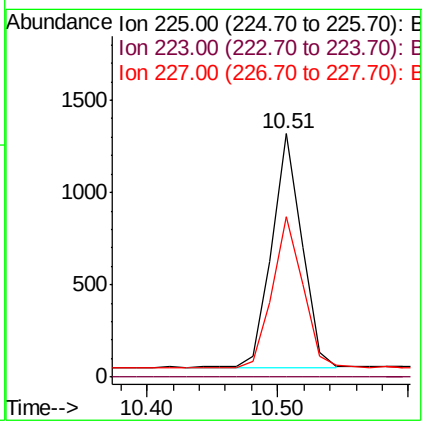


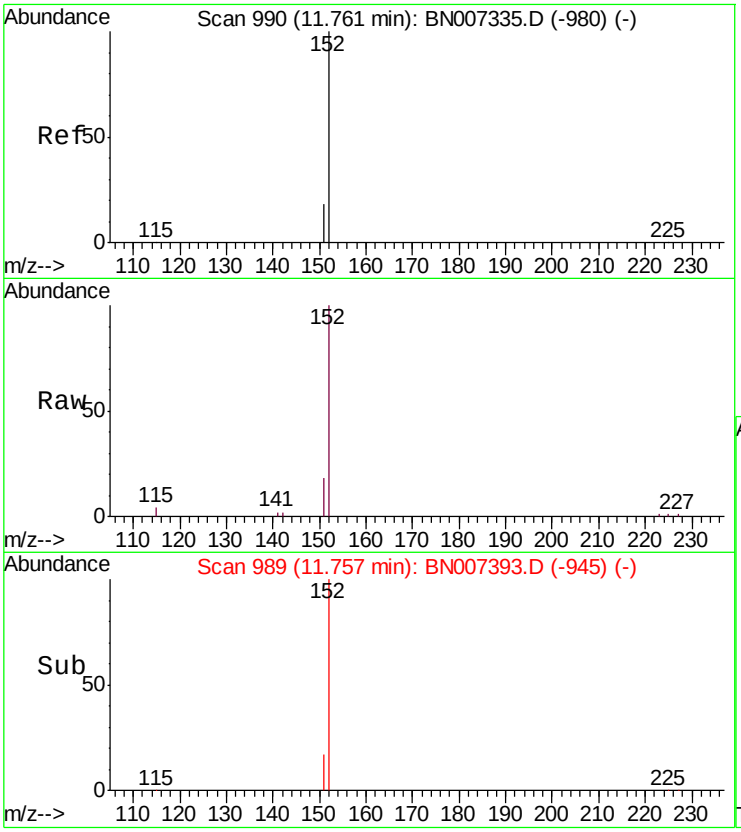


#10
Hexachlorobutadiene
Concen: 0.181 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:225 Resp: 2018

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.7	76.1



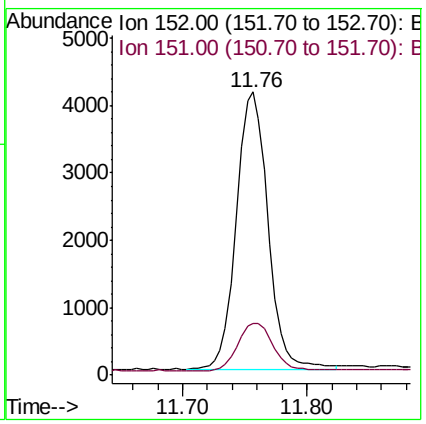


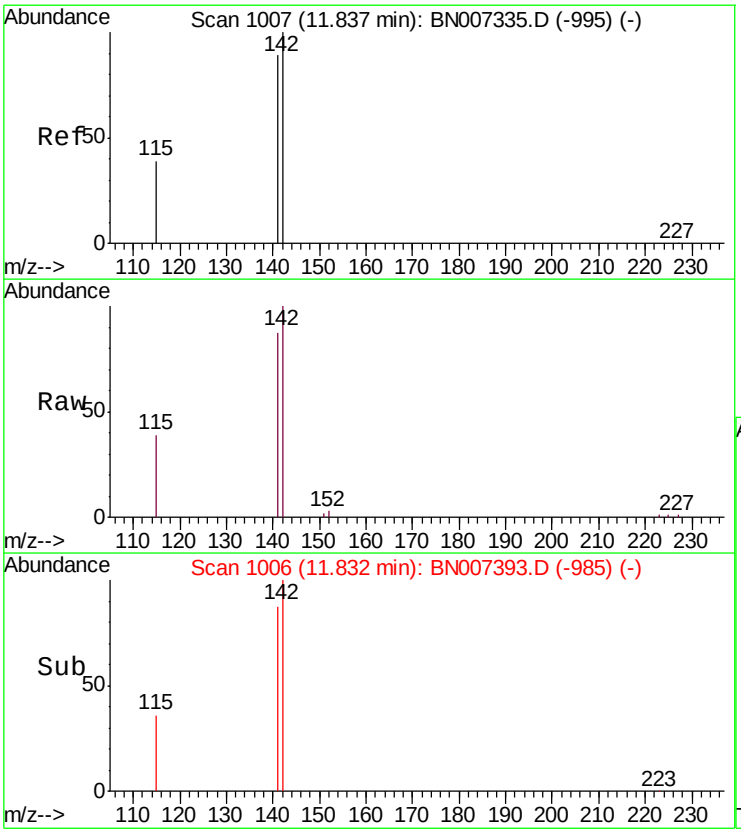
#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 7244

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2

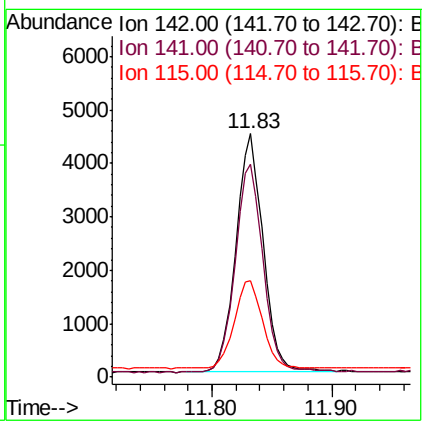


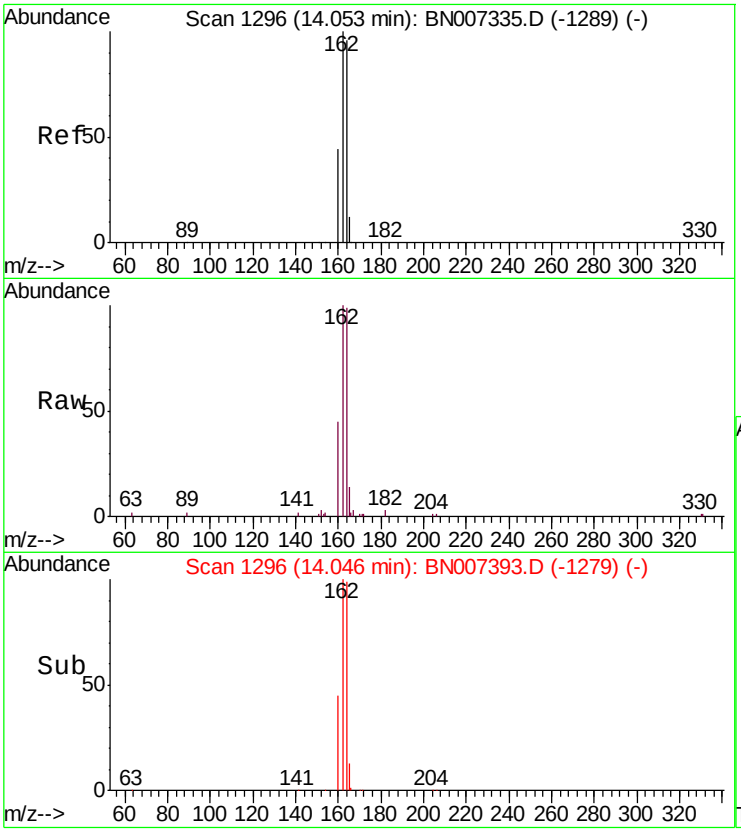


#12
2-Methylnaphthalene
Concen: 0.190 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:142 Resp: 7044

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.8	109.2
115	39.3	35.2	52.8



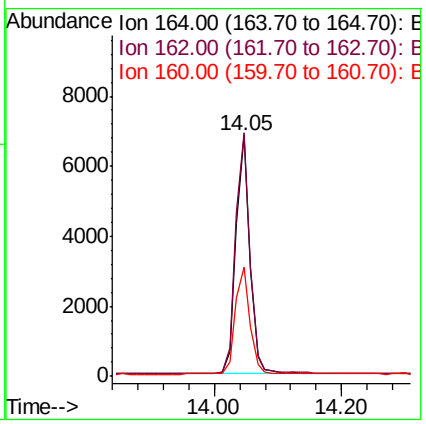


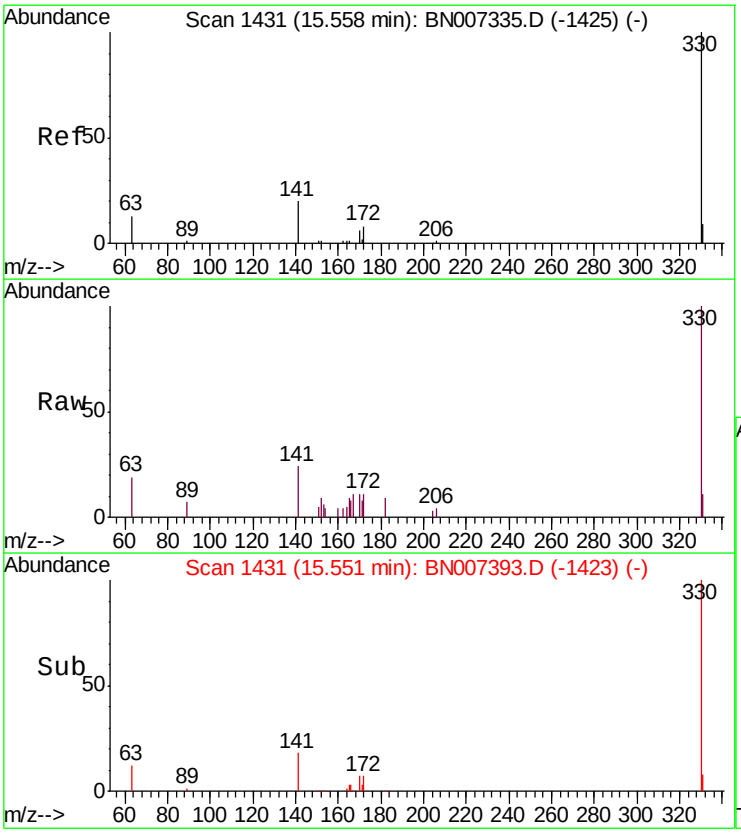
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:164 Resp: 10491

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.5	125.3
160	45.6	38.2	57.4

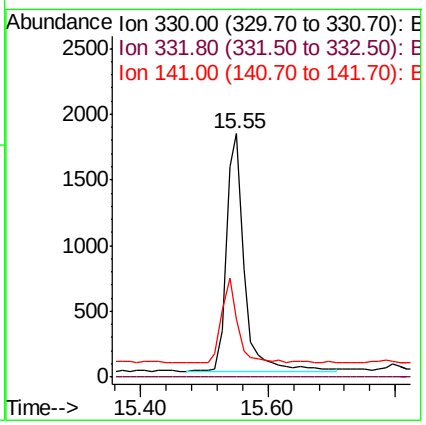


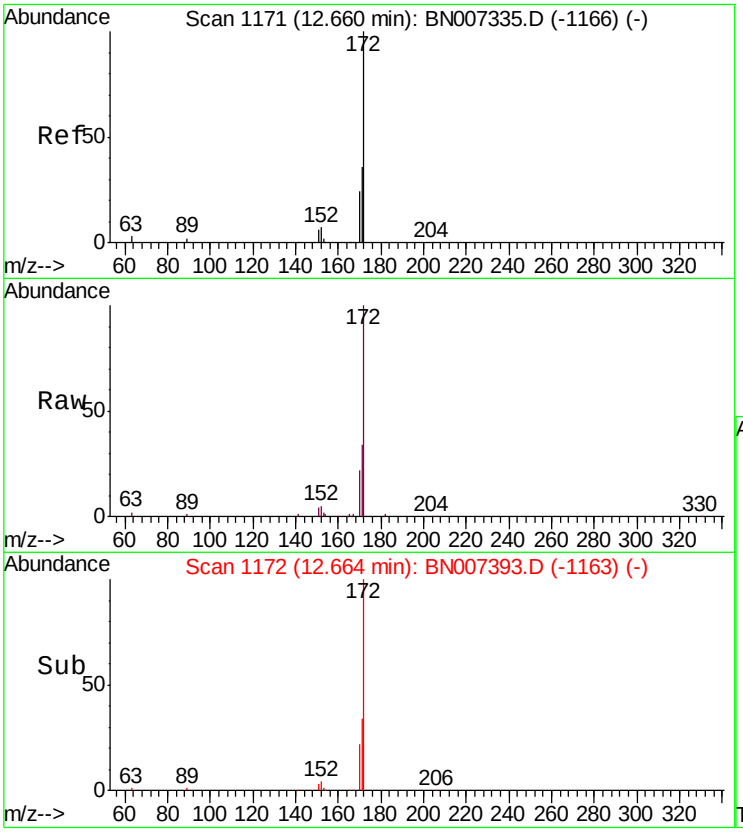


#14
2,4,6-Tribromophenol
Concen: 0.635 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:330 Resp: 3483

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.0	26.9	40.3



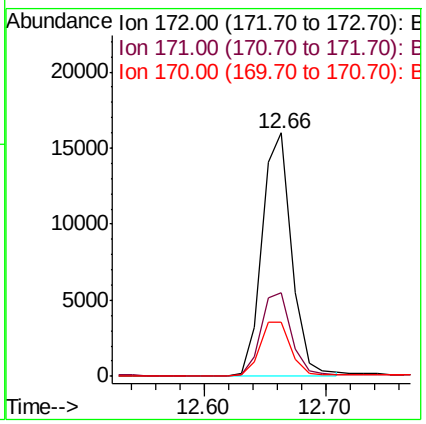


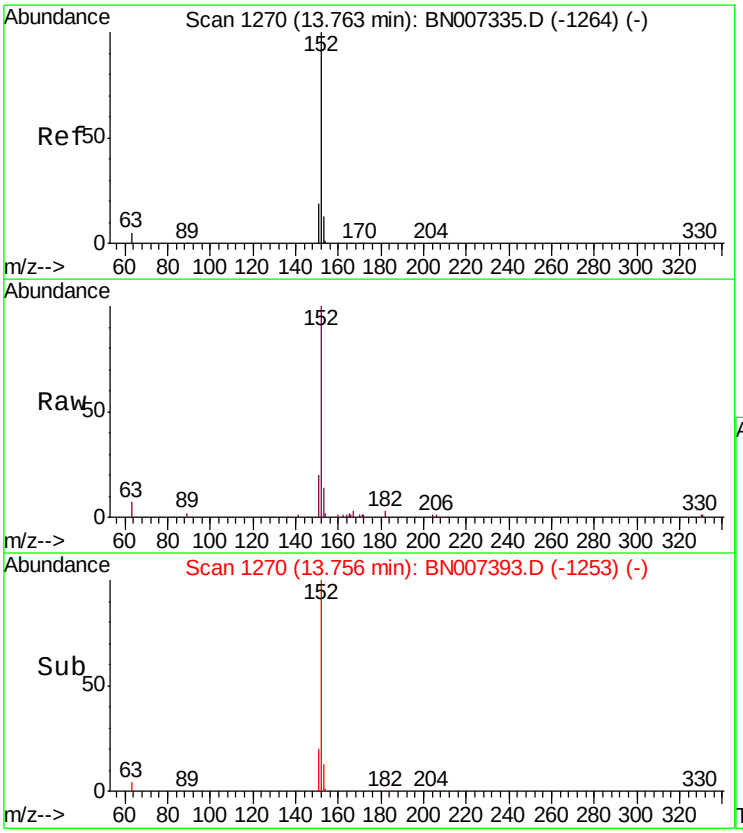
#15
2-Fluorobiphenyl
Concen: 0.633 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:172 Resp: 26799

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.3	45.5
170	22.3	20.7	31.1

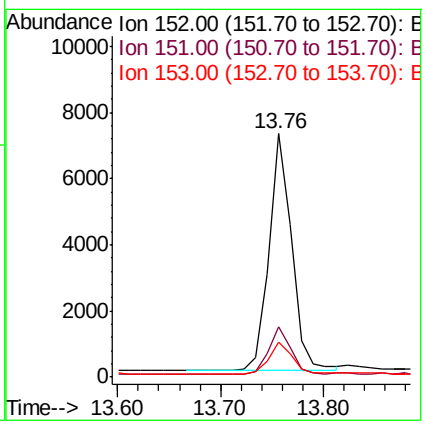


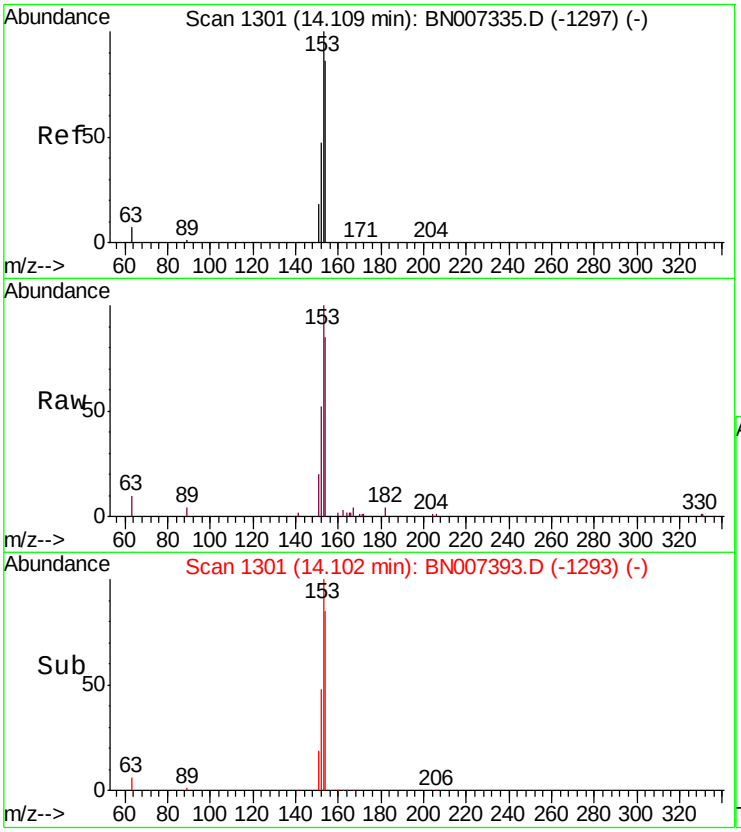


#16
Acenaphthylene
Concen: 0.176 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:152 Resp: 10933

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.6	10.6	15.8



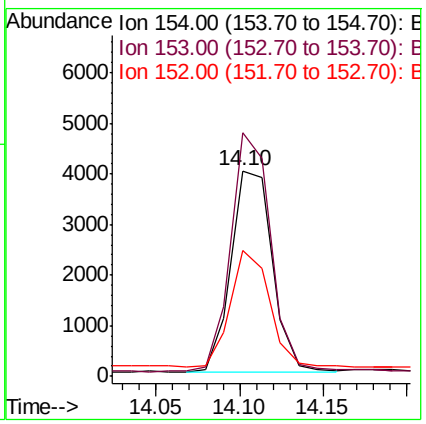


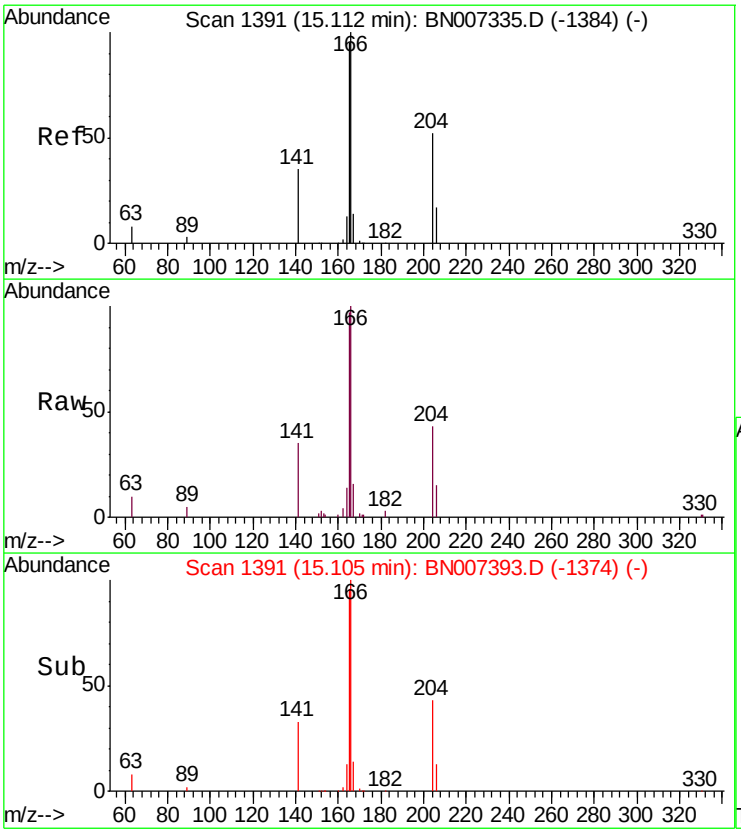
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:154 Resp: 6833

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.8	139.2
152	55.8	43.8	65.8

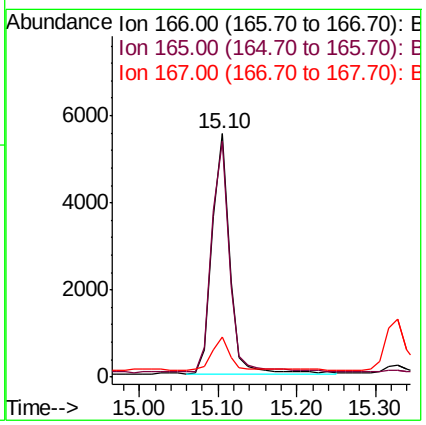


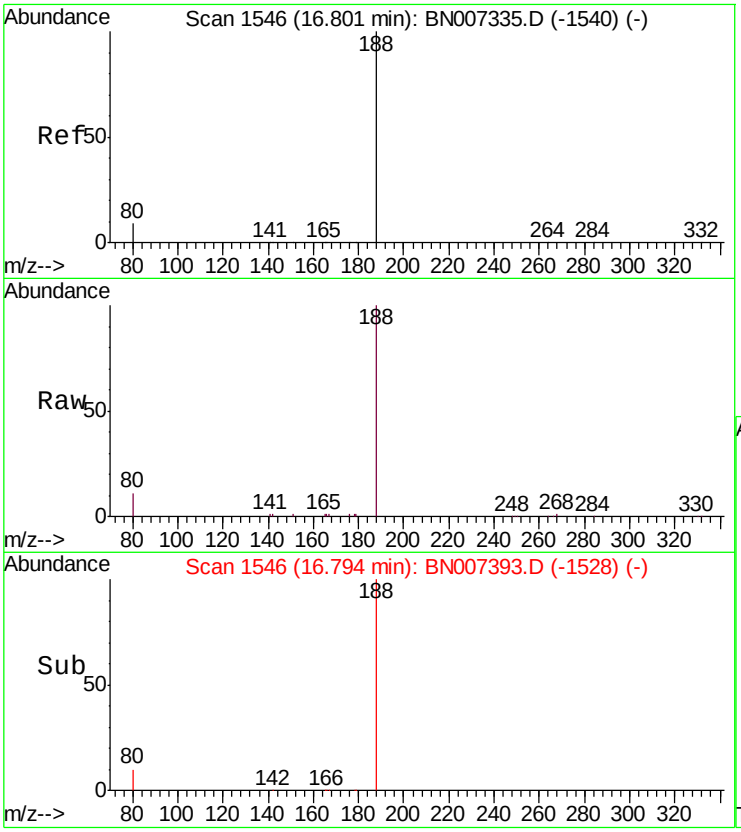


#18
Fluorene
Concen: 0.187 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:166 Resp: 8590

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.2	10.6	15.8



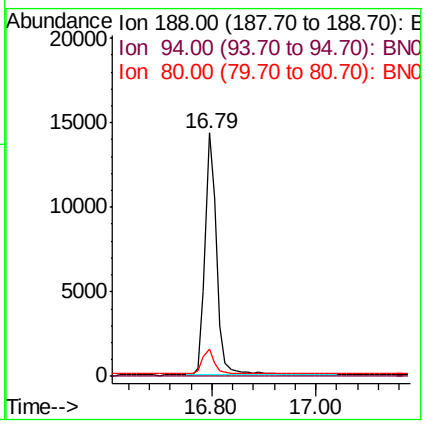


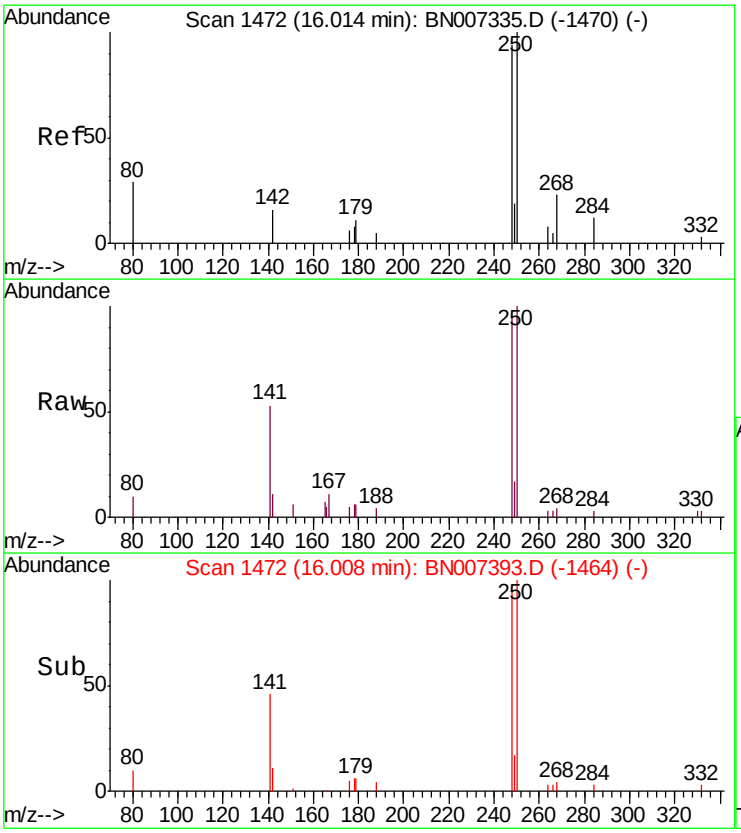
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:188 Resp: 22950

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.8	17.8#

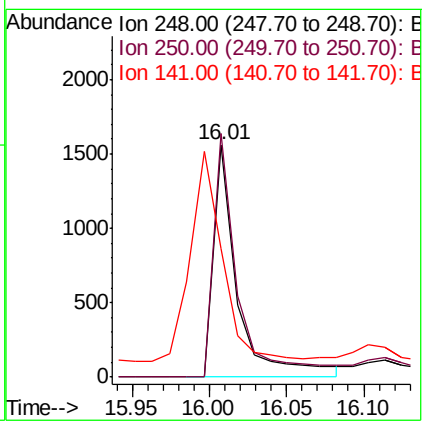


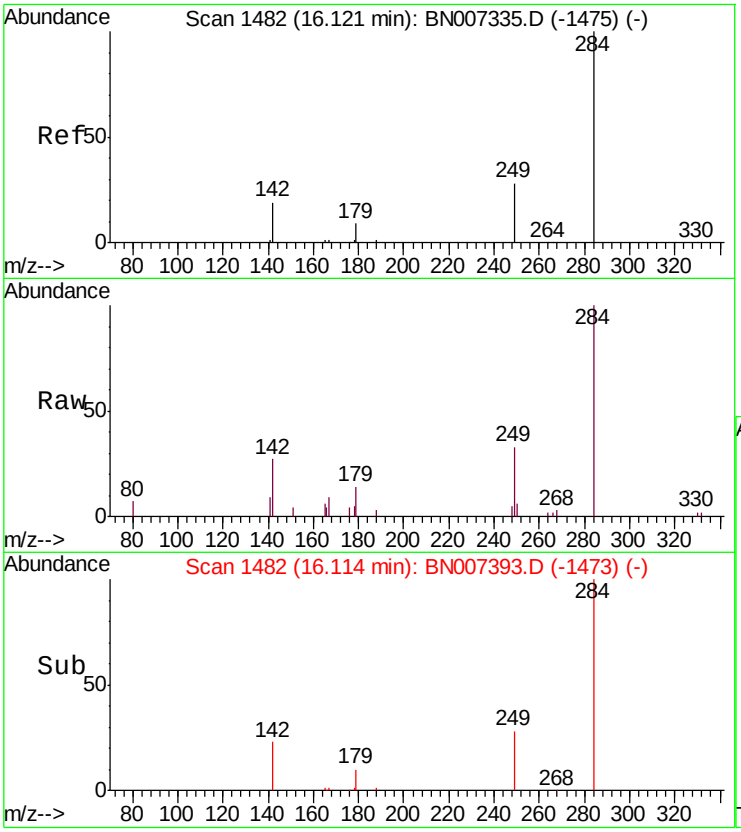


#20
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:248 Resp: 1688

Ion	Ratio	Lower	Upper
248	100		
250	104.9	85.0	127.6
141	55.4	51.7	77.5



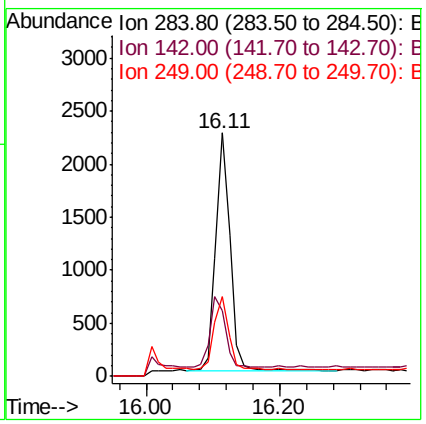


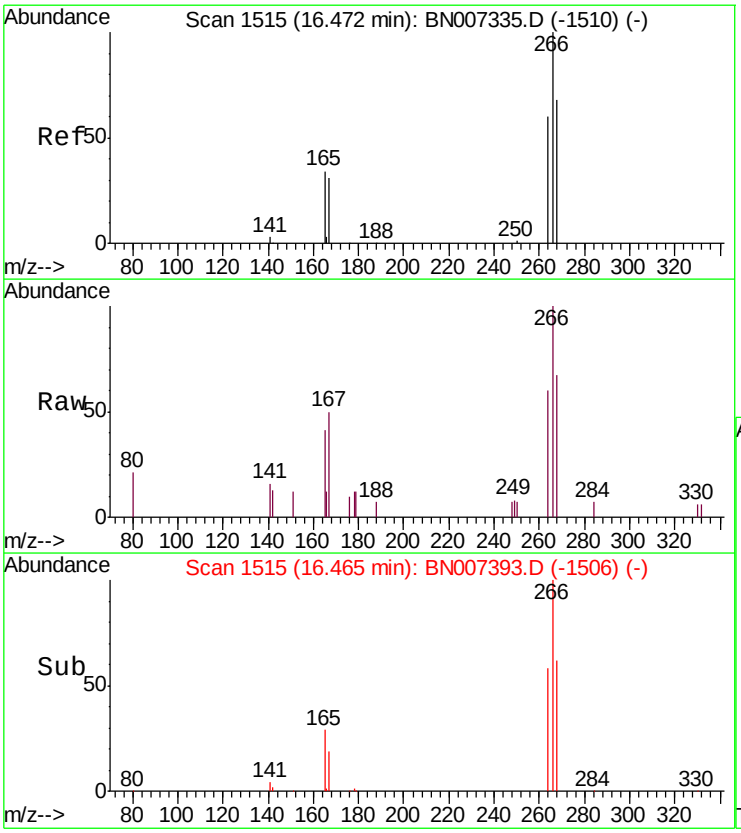
#21
Hexachlorobenzene
Concen: 0.209 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:284 Resp: 3217

Ion	Ratio	Lower	Upper
284	100		
142	31.7	29.0	43.6
249	31.3	24.9	37.3

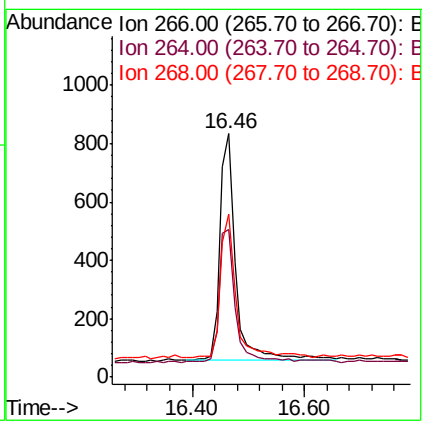


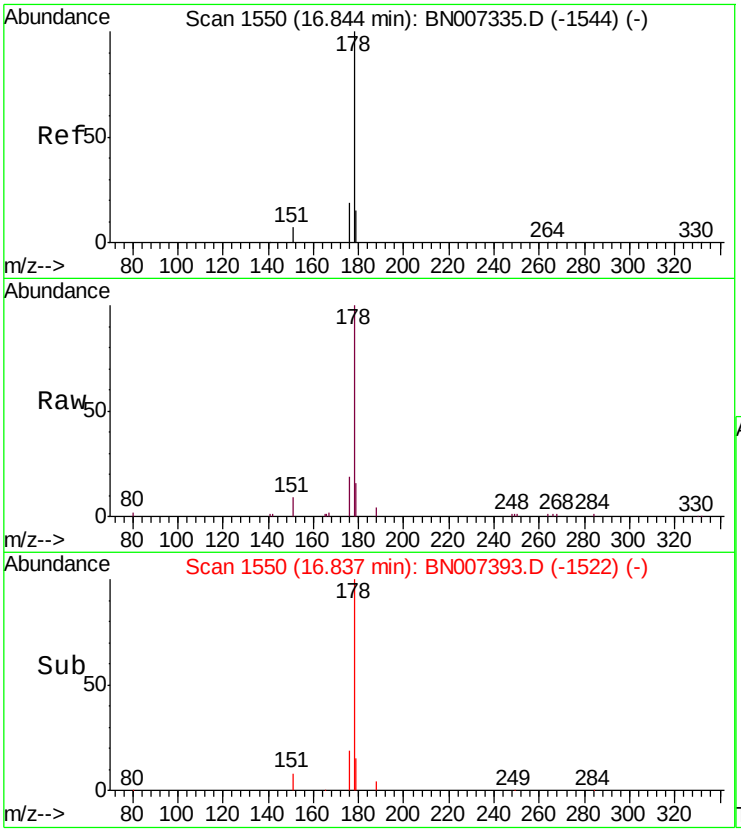


#22
Pentachlorophenol
Concen: 0.316 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:266 Resp: 1510

Ion	Ratio	Lower	Upper
266	100		
264	60.4	57.8	86.8
268	66.8	99.7	149.5#



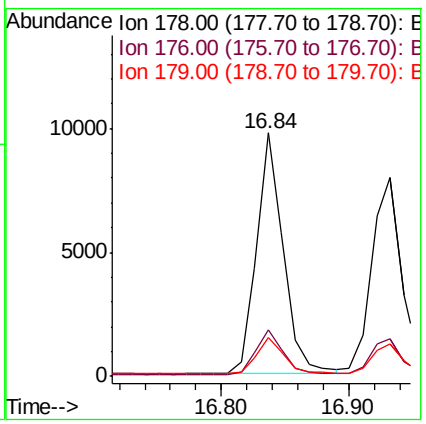


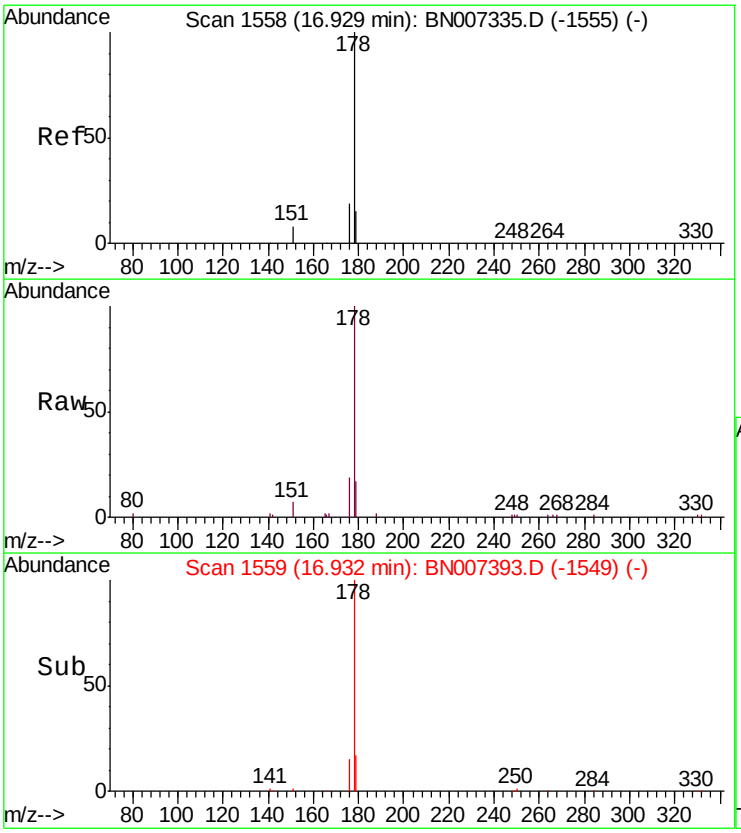
#23
Phenanthrene
Concen: 0.207 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:178 Resp: 14300

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.6	19.0

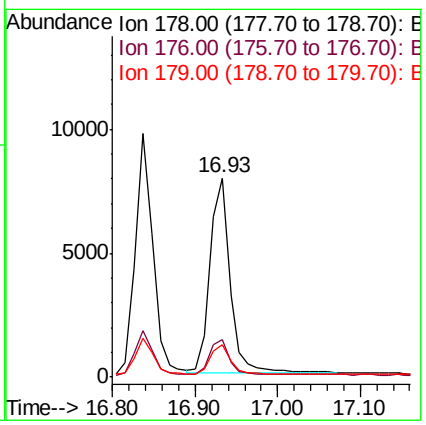


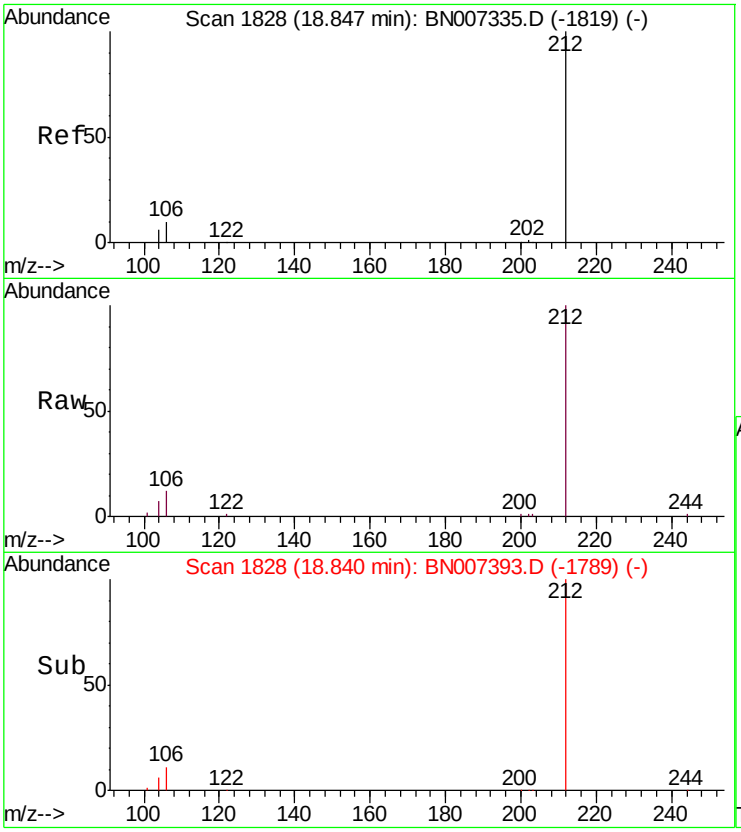


#24
Anthracene
Concen: 0.190 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:178 Resp: 13191

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.5	12.4	18.6



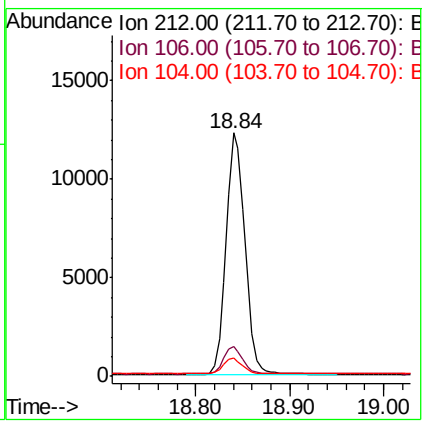


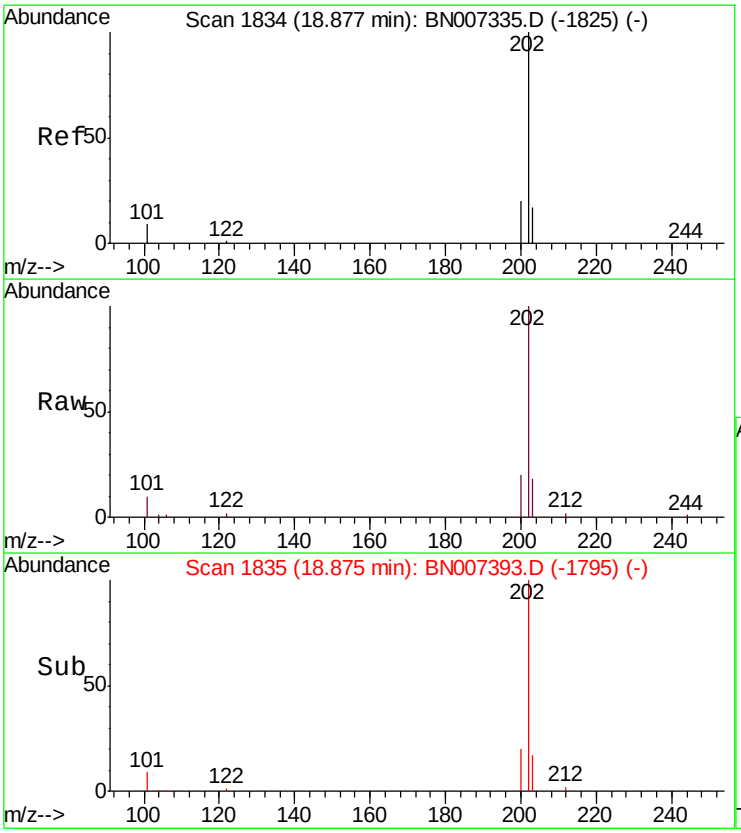
#25
Fluoranthene-d10
Concen: 0.233 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:212 Resp: 17255

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.0	13.4
104	6.7	5.4	8.2

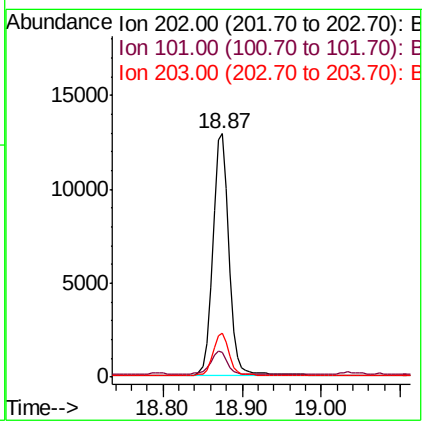


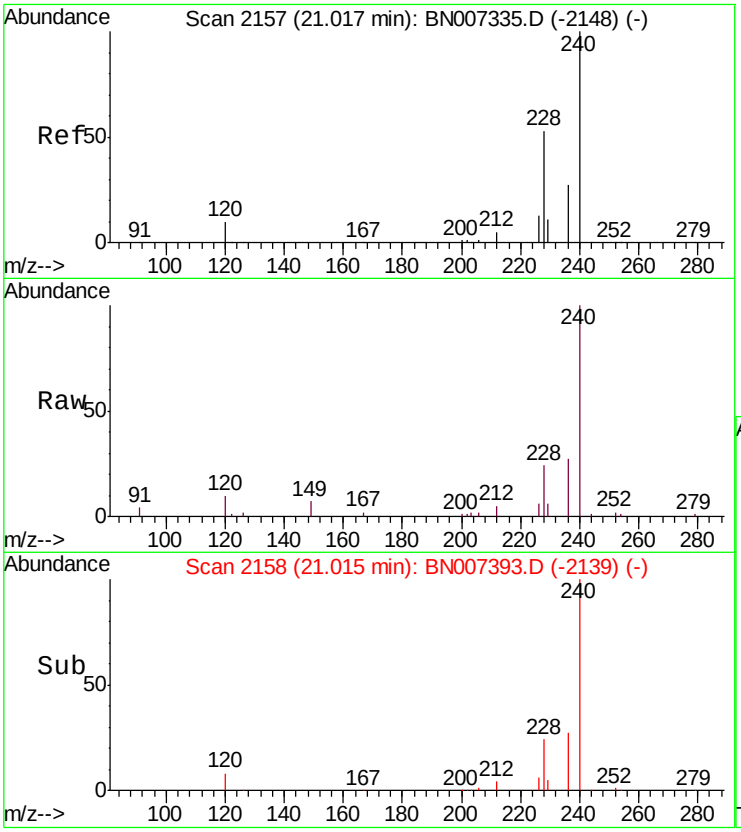


#26
Fluoranthene
Concen: 0.207 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:202 Resp: 18368

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.7	11.5
203	17.1	13.7	20.5



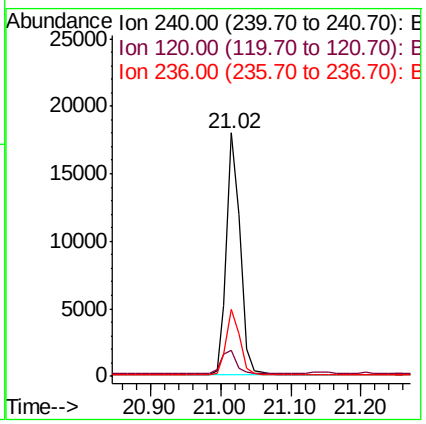


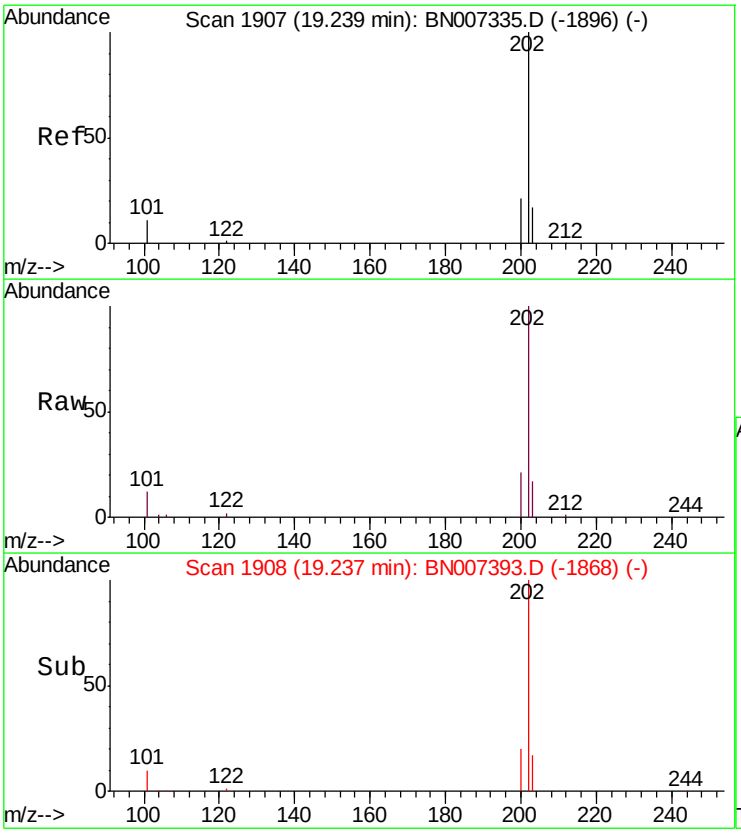
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:240 Resp: 24422

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	27.4	22.2	33.2

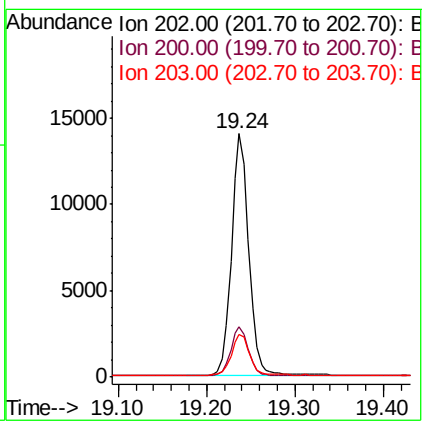


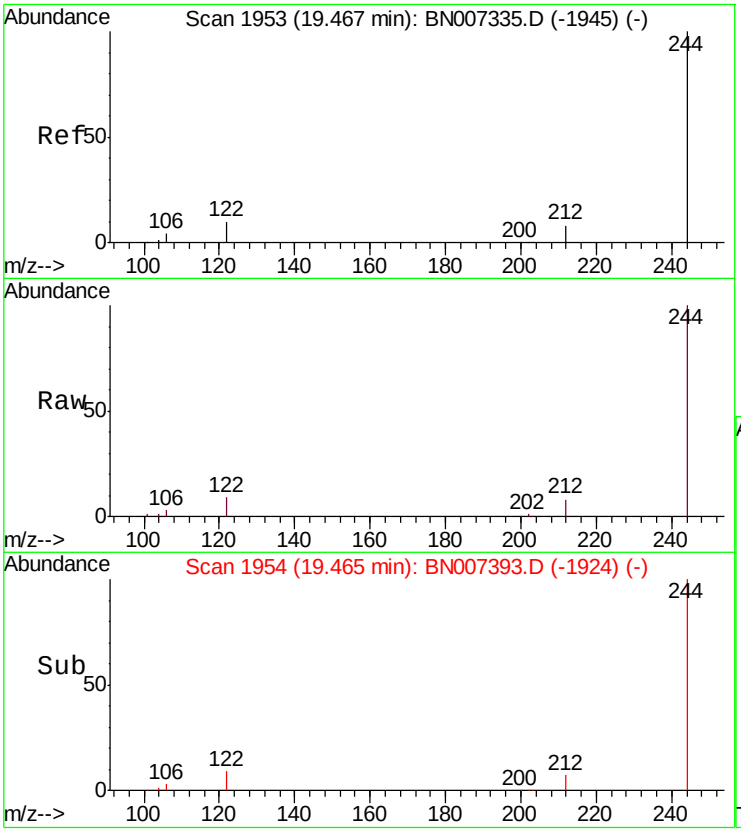


#28
Pyrene
Concen: 0.195 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:202 Resp: 19127

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.7	14.2	21.4



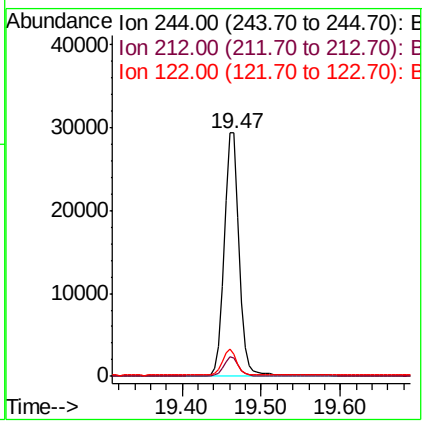


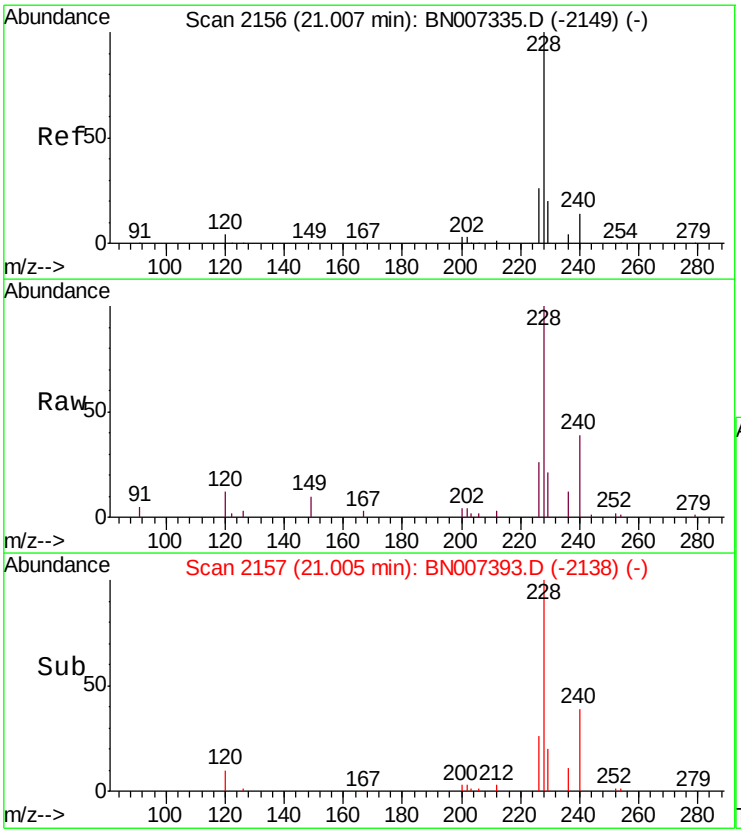
#29
Terphenyl-d14
Concen: 0.610 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:244 Resp: 38976

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	9.3	9.6	14.4#

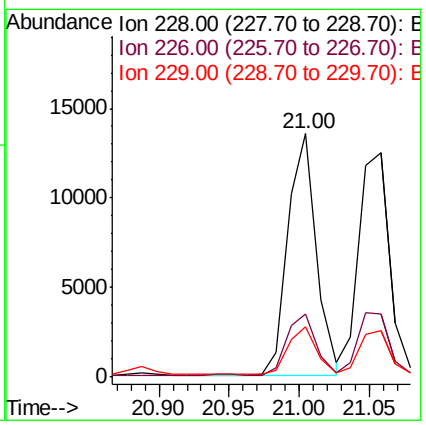


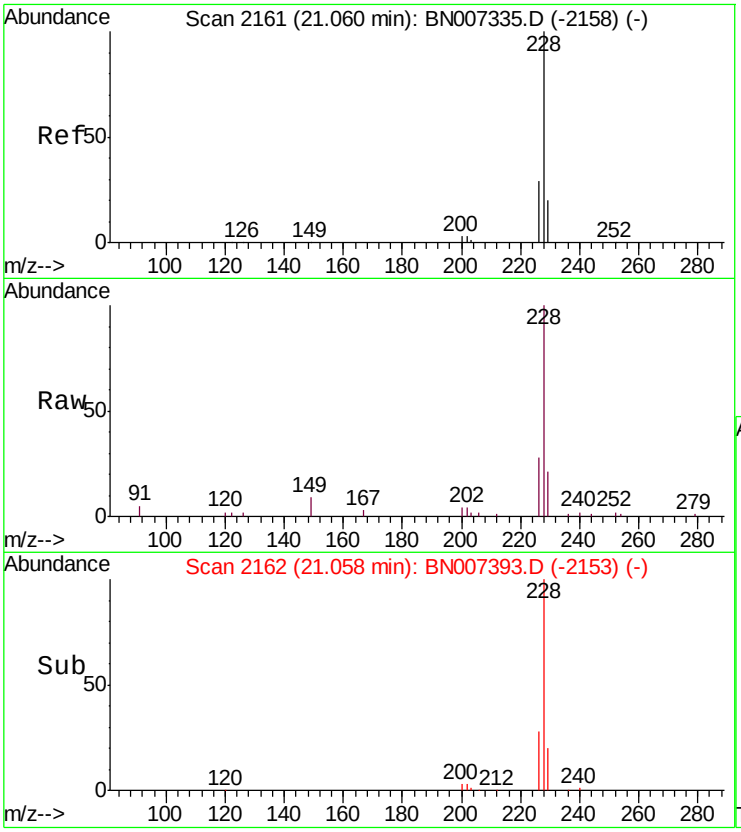


#30
Benzo(a)anthracene
Concen: 0.199 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:228 Resp: 19073

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.9	16.1	24.1



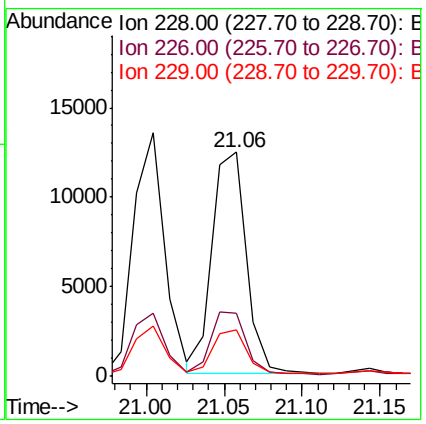


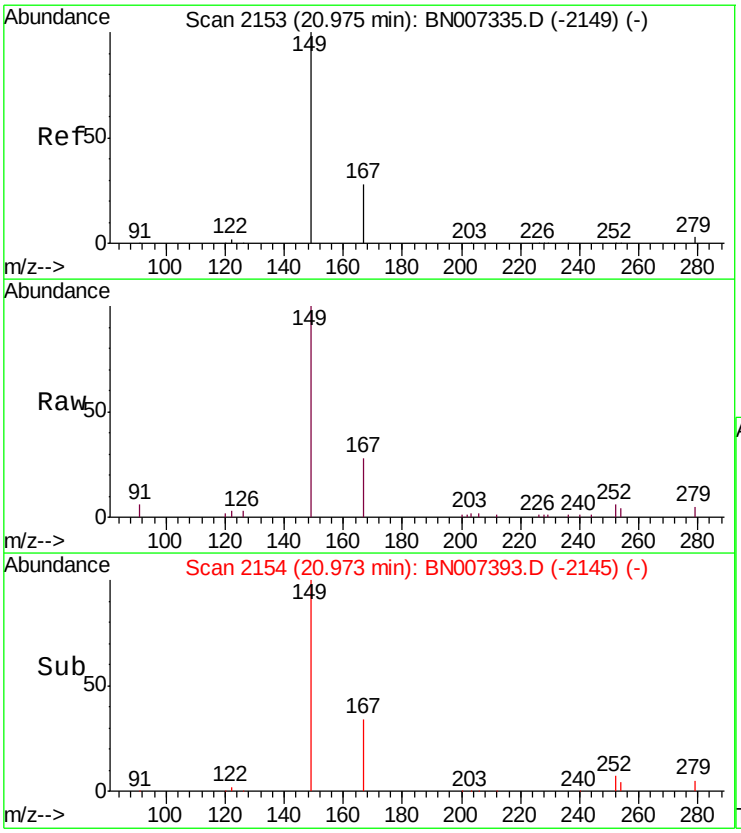
#31
Chrysene
Concen: 0.202 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:228 Resp: 18716

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.5	35.3
229	20.7	16.6	24.8

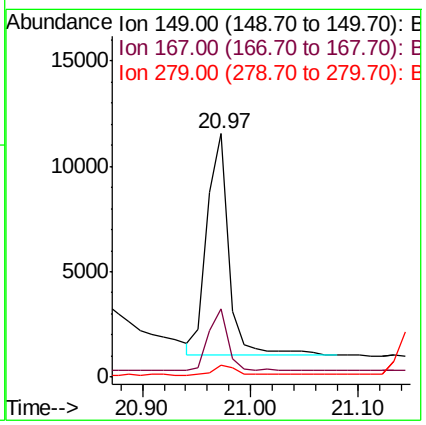


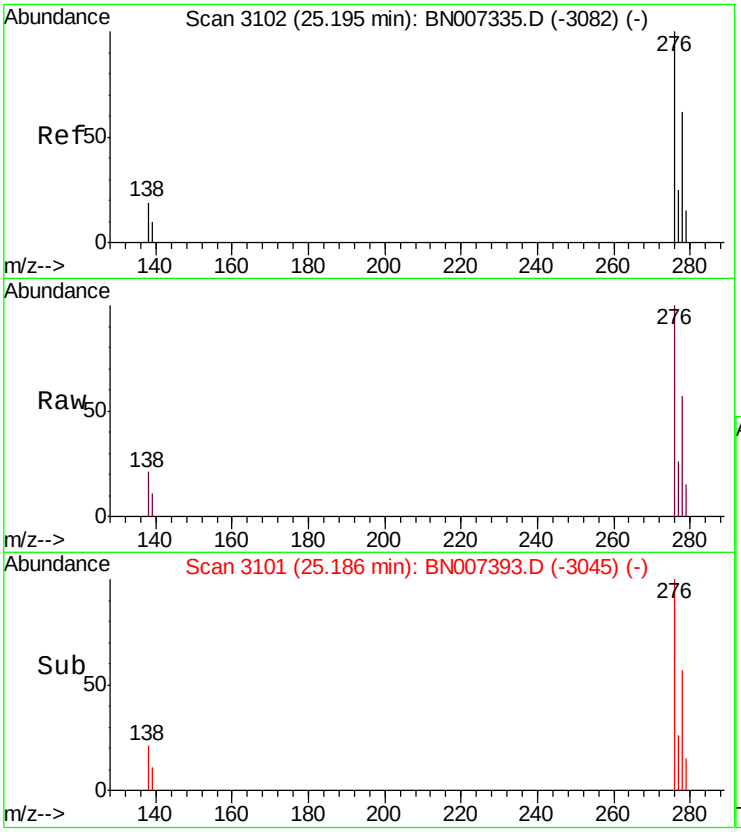


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:149 Resp: 14742

Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.8	34.2
279	4.0	3.5	5.3



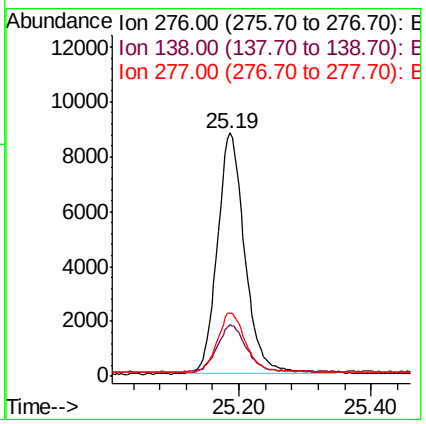


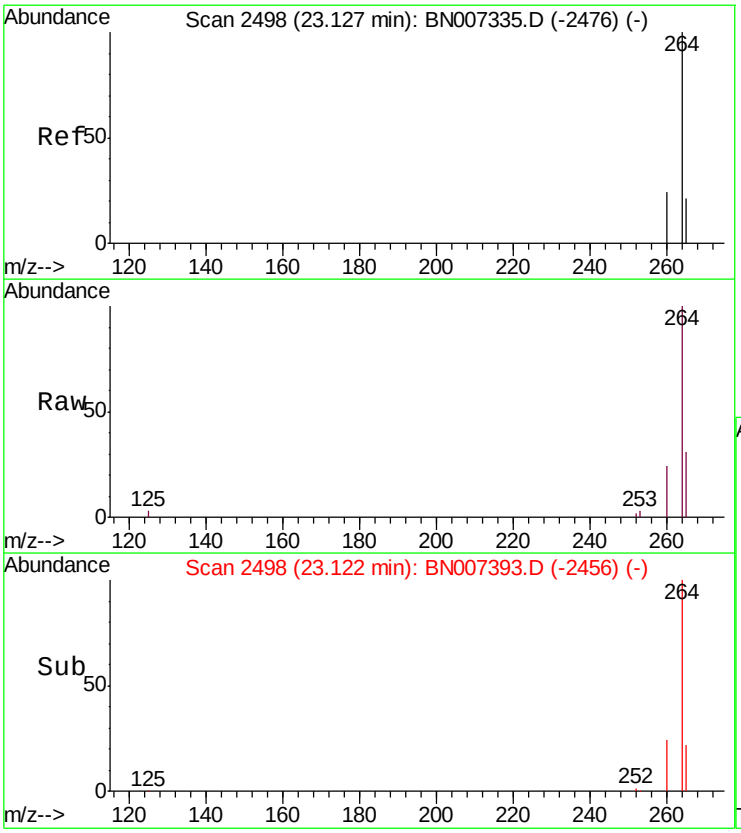
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 25401

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.1	22.7
277	24.3	19.7	29.5

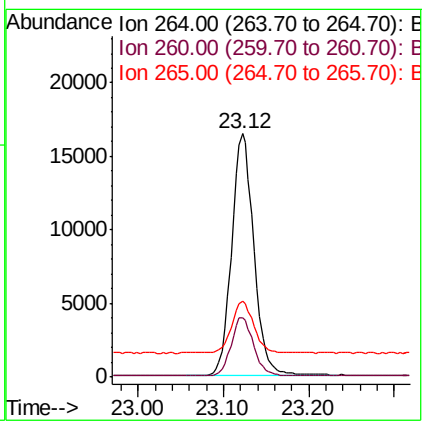


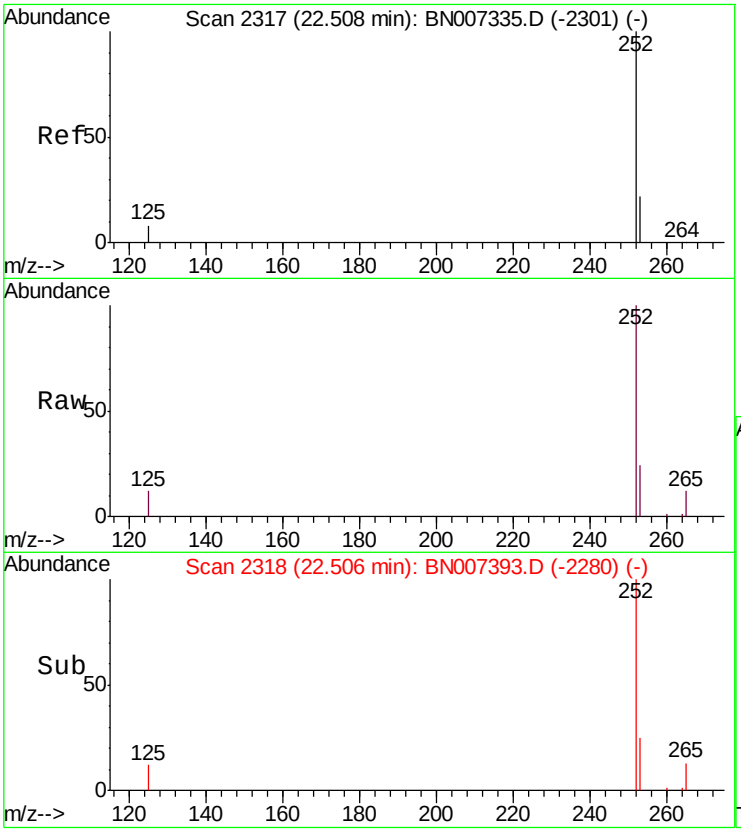


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:264 Resp: 29746

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	31.4	29.9	44.9



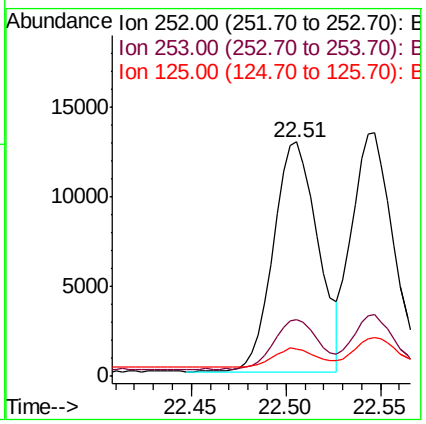


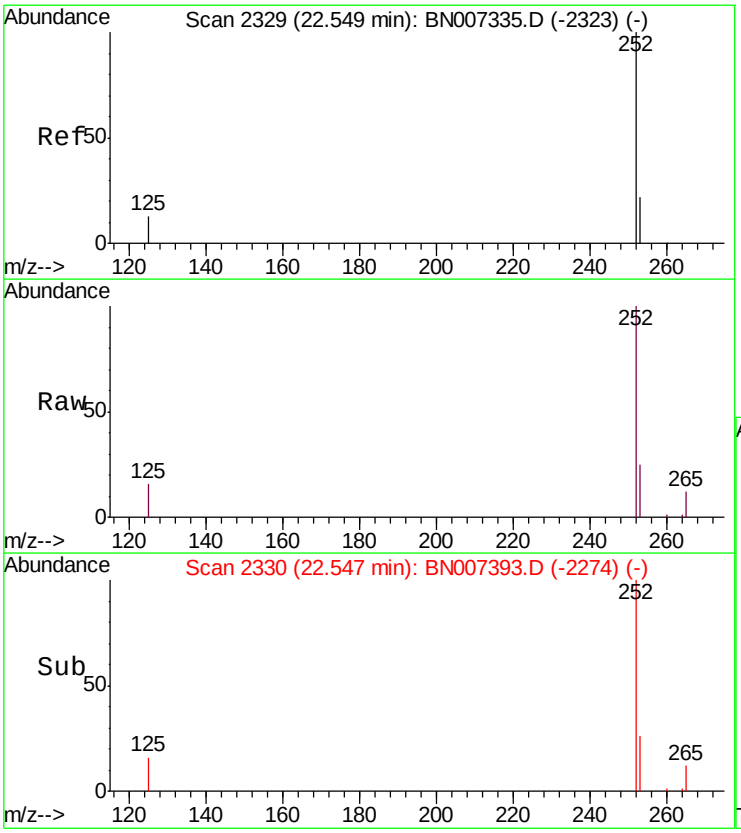
#35
Benzo(b)fluoranthene
Concen: 0.193 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 20854

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	11.5	10.6	16.0

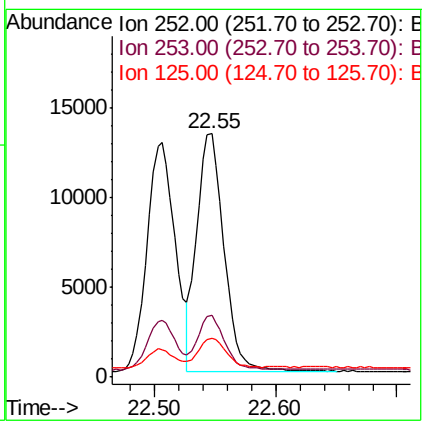


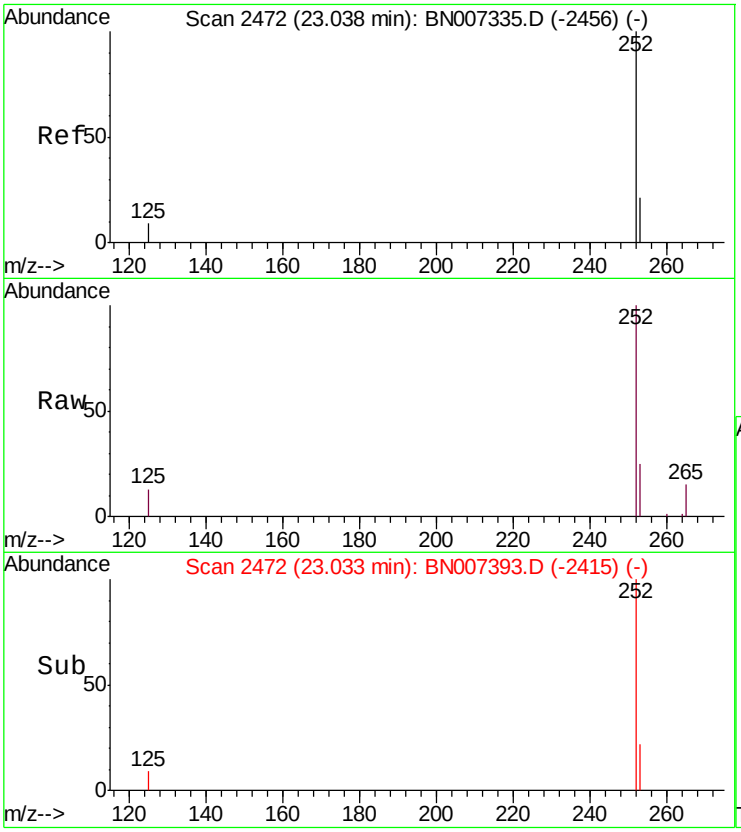


#36
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:252 Resp: 20783

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.2
125	16.2	13.1	19.7



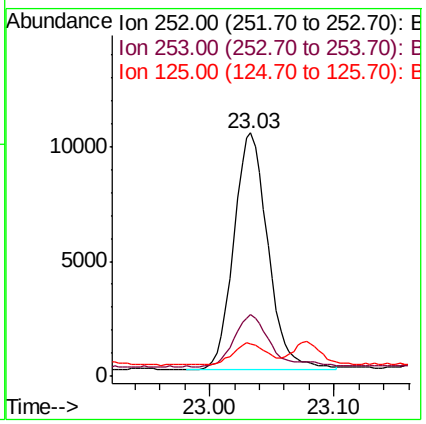


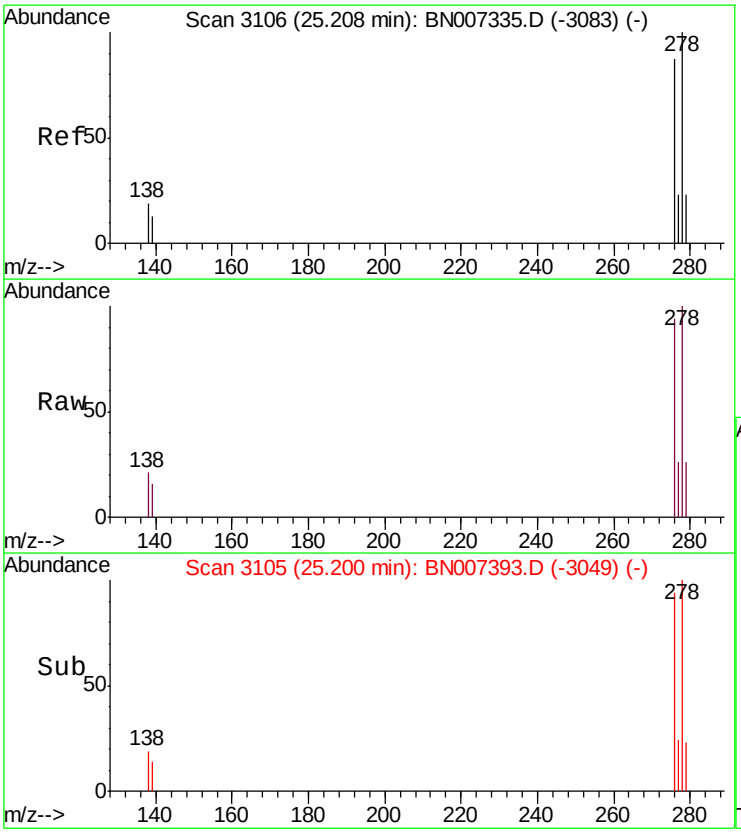
#37
Benzo(a)pyrene
Concen: 0.191 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 19634

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.5	29.3
125	13.4	12.1	18.1

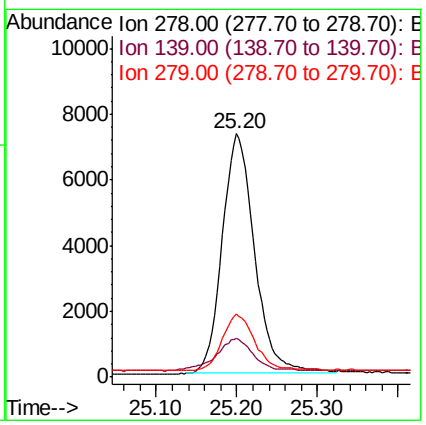


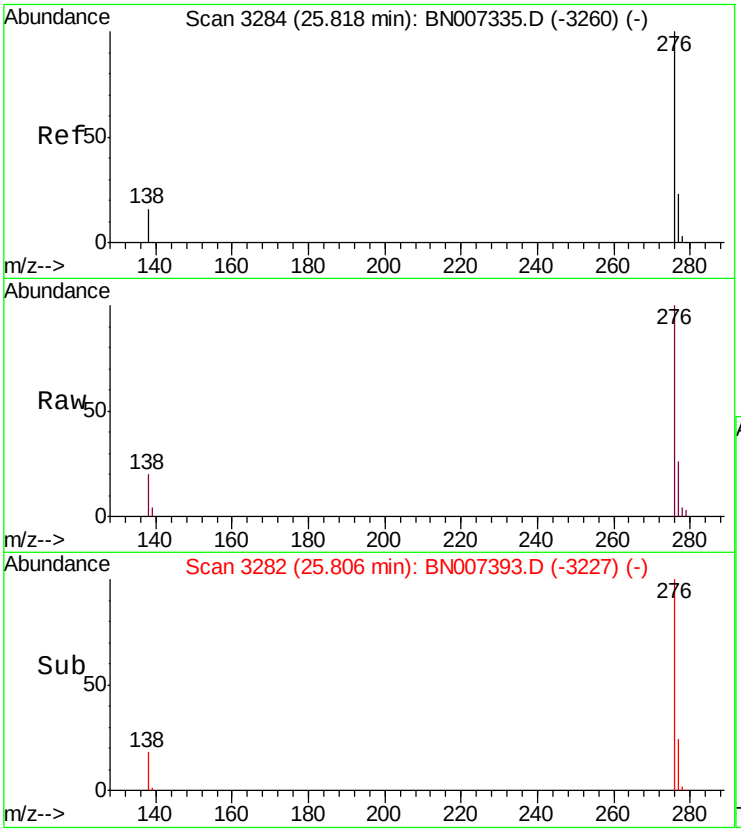


#38
Dibenzo(a,h)anthracene
Concen: 0.200 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:278 Resp: 20424

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	25.7	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.206 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 20965

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.6	29.4
138	19.9	16.3	24.5