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

Quantitation Report (Not Reviewed)

Data File : BN007392.D
Acq On : 25 Aug 2019 13:04
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122525BS

Quant Time: Aug 26 05:20:52 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	3666	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	14557	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	7692	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	16713	0.40	ng		0.00
27) Chrysene-d12	21.02	240	18458	0.40	ng		0.00
34) Perylene-d12	23.12	264	19869	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	3734	0.29	ng		0.00
5) Phenol-d6	6.59	99	4415	0.26	ng		0.00
8) Nitrobenzene-d5	8.45	82	251	0.02	ng		-0.08
11) 2-Methylnaphthalene-d10	11.76	152	7428	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1272	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	10289	0.33	ng		0.00
25) Fluoranthene-d10	18.84	212	16364	0.30	ng		0.00
29) Terphenyl-d14	19.46	244	13339	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1892	0.311	ng	#	75
3) n-Nitrosodimethylamine	3.31	42	835	0.295	ng	#	81
6) bis(2-Chloroethyl)ether	6.84	93	3753	0.283	ng		98
9) Naphthalene	10.20	128	12552	0.302	ng	#	91
10) Hexachlorobutadiene	10.51	225	2325	0.273	ng	#	99
12) 2-Methylnaphthalene	11.83	142	8463	0.299	ng		95
16) Acenaphthylene	13.76	152	12885	0.283	ng		99
17) Acenaphthene	14.11	154	7542	0.283	ng		99
18) Fluorene	15.10	166	9613	0.285	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	1680	0.255	ng		96
21) Hexachlorobenzene	16.11	284	3394	0.303	ng		95
22) Pentachlorophenol	16.46	266	1622	0.466	ng	#	65
23) Phenanthrene	16.84	178	15752	0.313	ng		99
24) Anthracene	16.93	178	14641	0.290	ng		100
26) Fluoranthene	18.87	202	20265	0.314	ng		99
28) Pyrene	19.24	202	20735	0.279	ng		99
30) Benzo(a)anthracene	21.00	228	19489	0.269	ng		99
31) Chrysene	21.05	228	18953	0.271	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	17303	0.350	ng		94
33) Indeno(1,2,3-cd)pyrene	25.18	276	26393	0.313	ng		99
35) Benzo(b)fluoranthene	22.50	252	20351	0.283	ng		98
36) Benzo(k)fluoranthene	22.54	252	21702	0.305	ng		96
37) Benzo(a)pyrene	23.03	252	20749	0.303	ng		98
38) Dibenzo(a,h)anthracene	25.20	278	21764	0.318	ng		98
39) Benzo(g,h,i)perylene	25.81	276	22397	0.329	ng		98

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

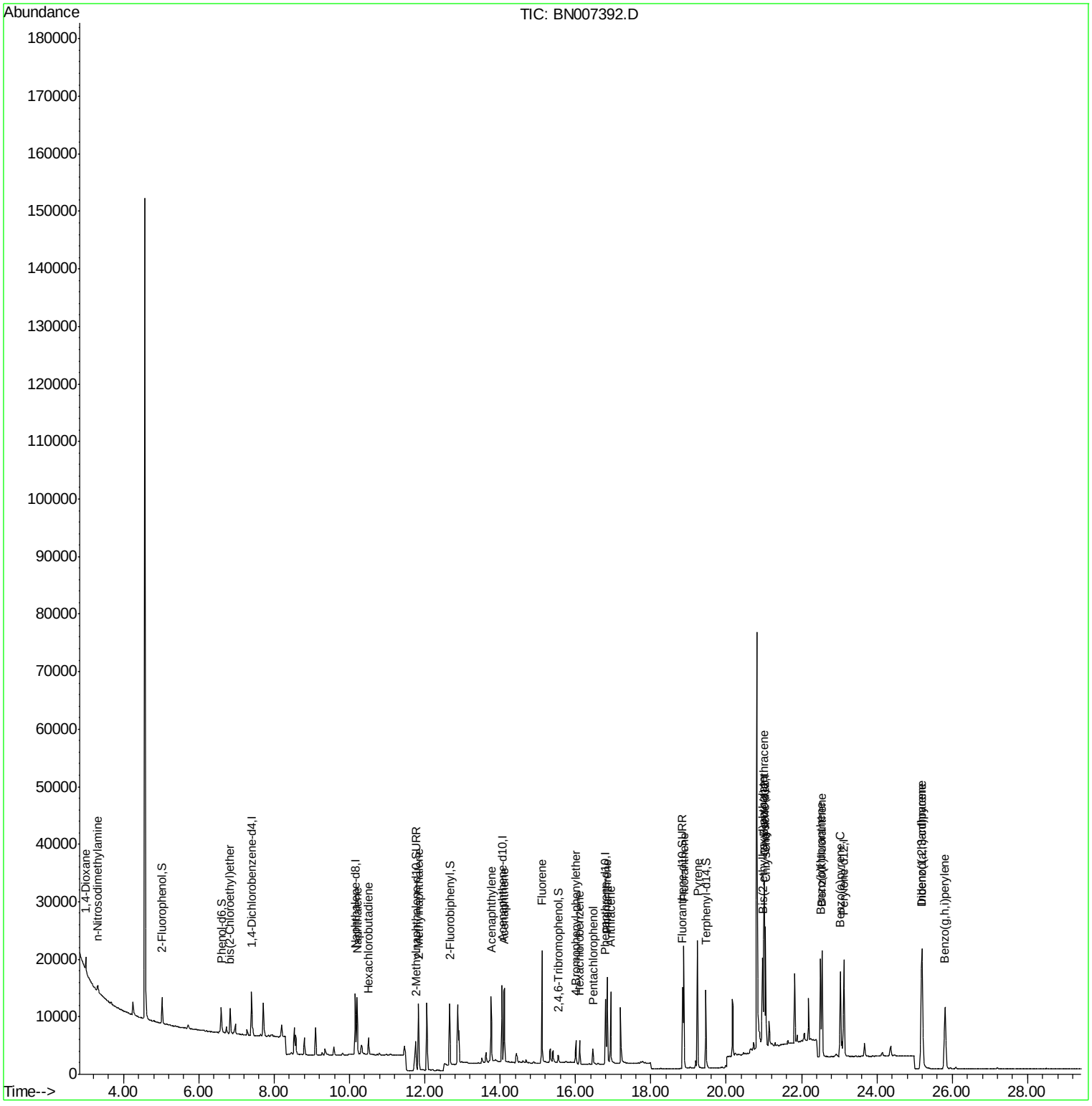
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

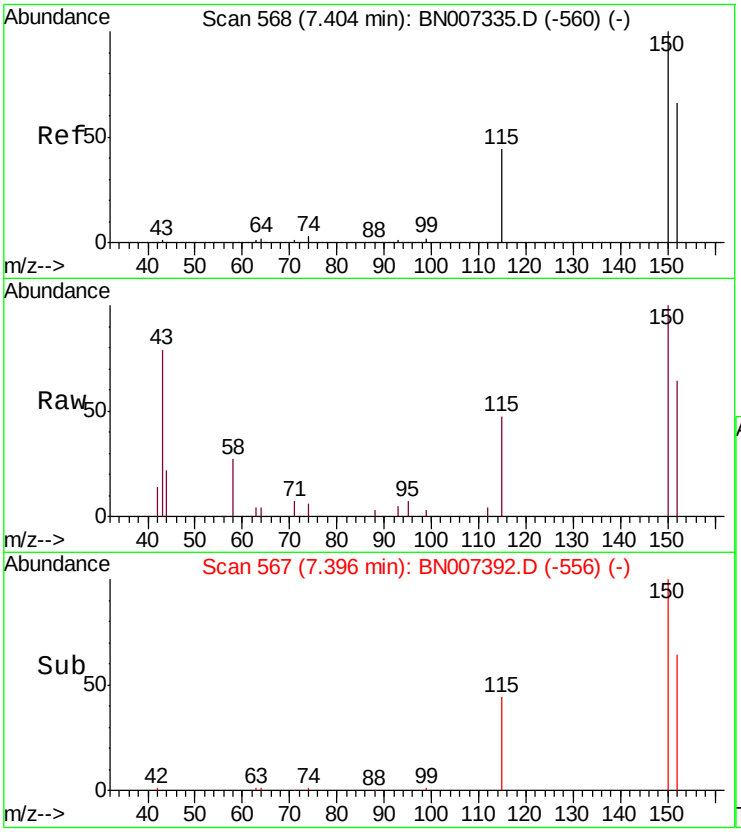
Quantitation Report (Not Reviewed)

Data File : BN007392.D
Acq On : 25 Aug 2019 13:04
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Quant Time: Aug 26 05:20:52 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



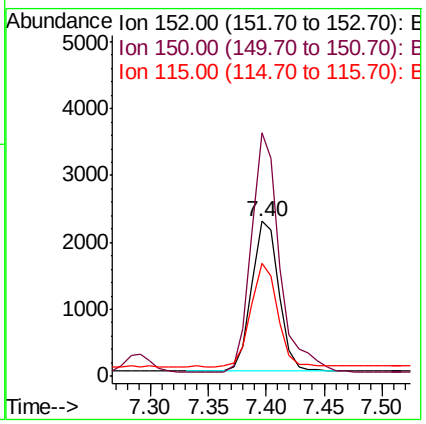


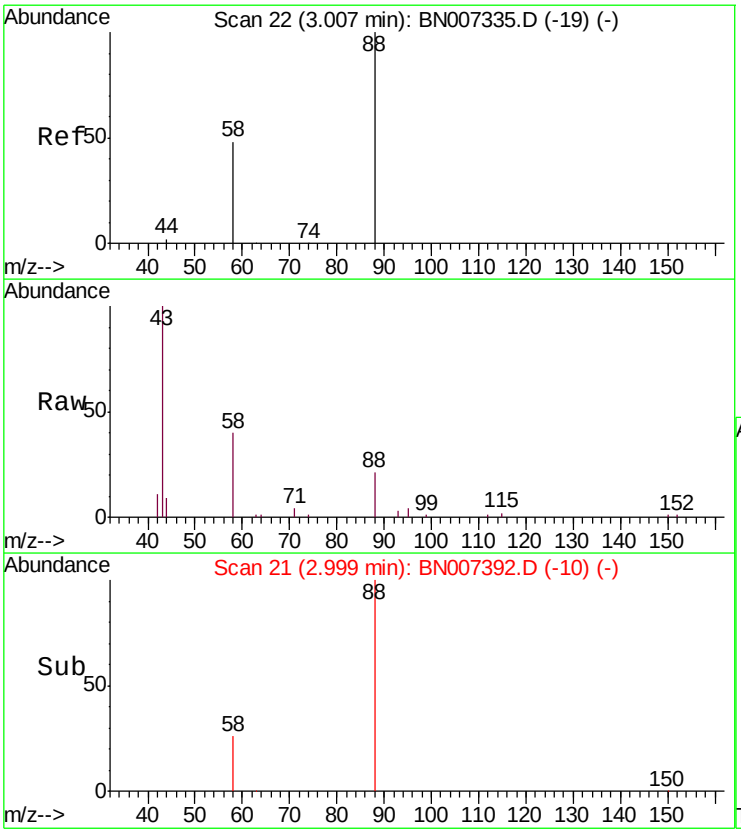
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:152 Resp: 3666

Ion	Ratio	Lower	Upper
152	100		
150	156.8	109.1	163.7
115	73.1	59.6	89.4

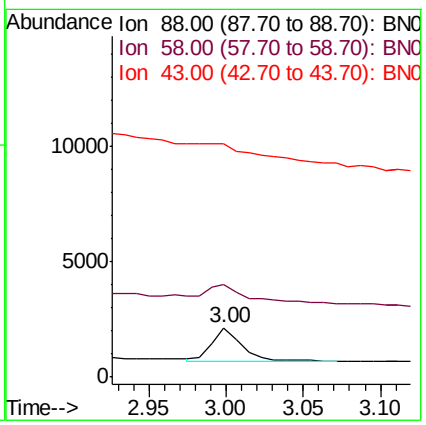


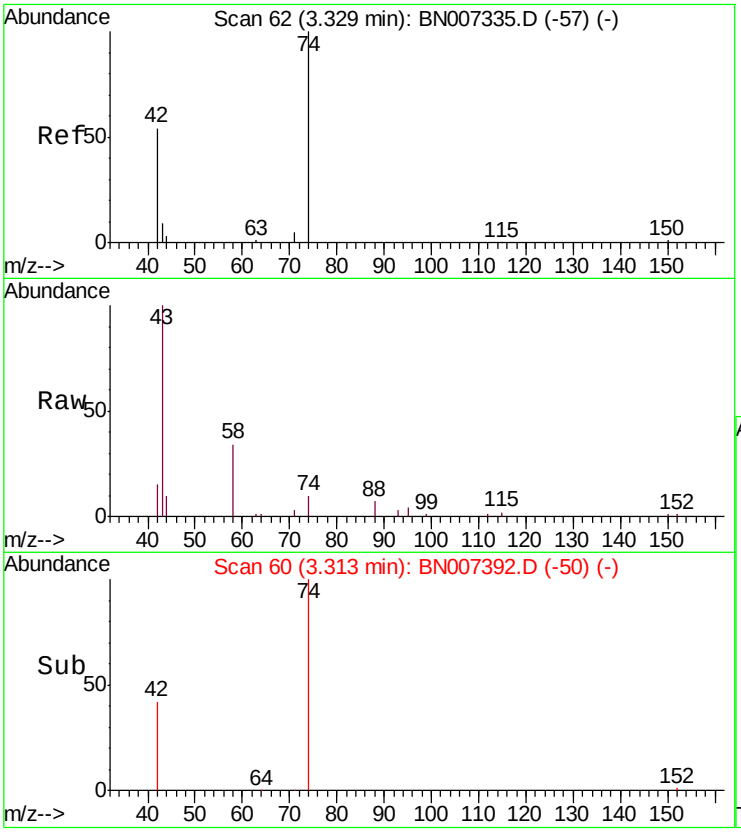


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion: 88 Resp: 1892

Ion	Ratio	Lower	Upper
88	100		
58	82.8	50.5	75.7#
43	0.0	0.0	0.0



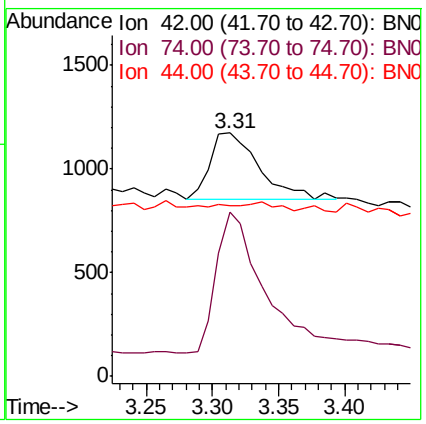


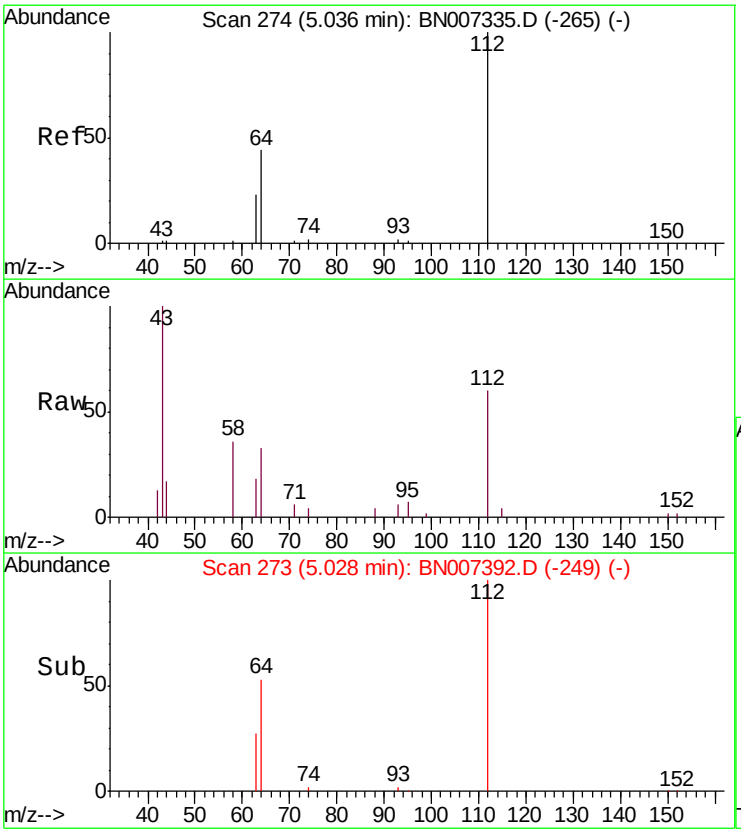
#3
n-Nitrosodimethylamine
Concen: 0.295 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 42 Resp: 835

Ion	Ratio	Lower	Upper
42	100		
74	209.0	144.7	217.1
44	5.1	3.2	4.8#

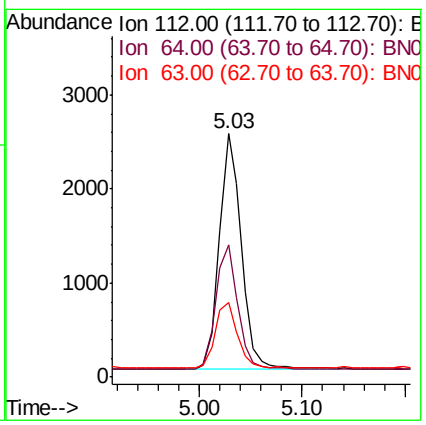


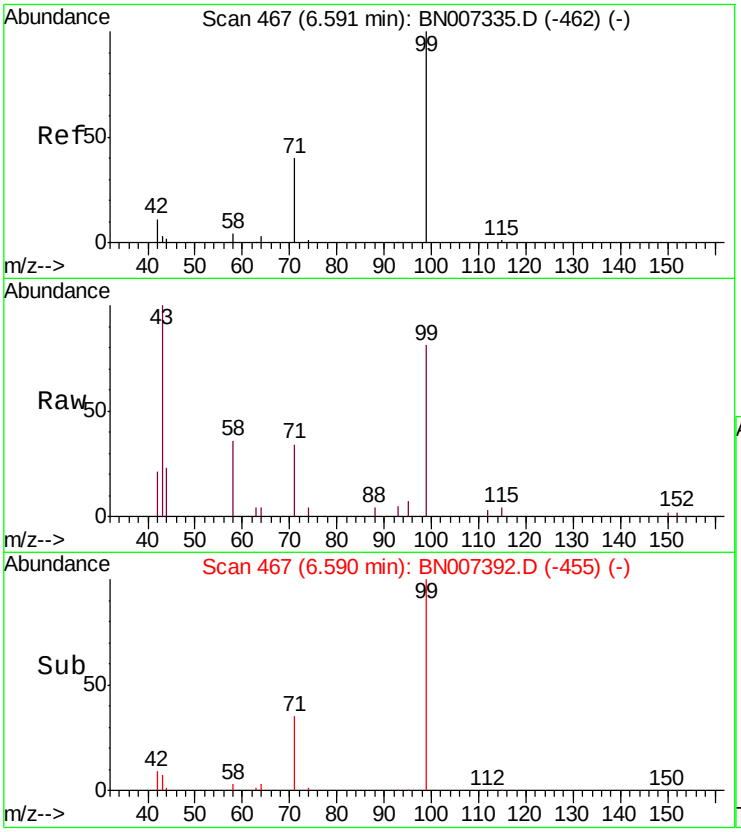


#4
2-Fluorophenol
Concen: 0.285 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:112 Resp: 3734

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.3	63.5
63	28.5	23.6	35.4



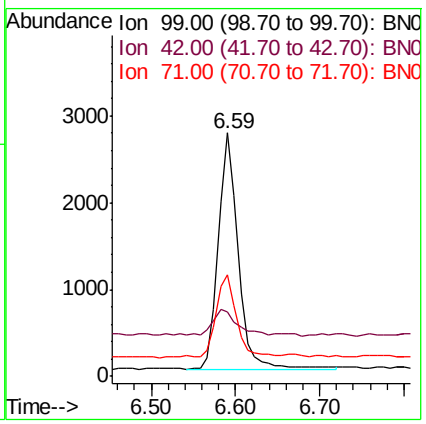


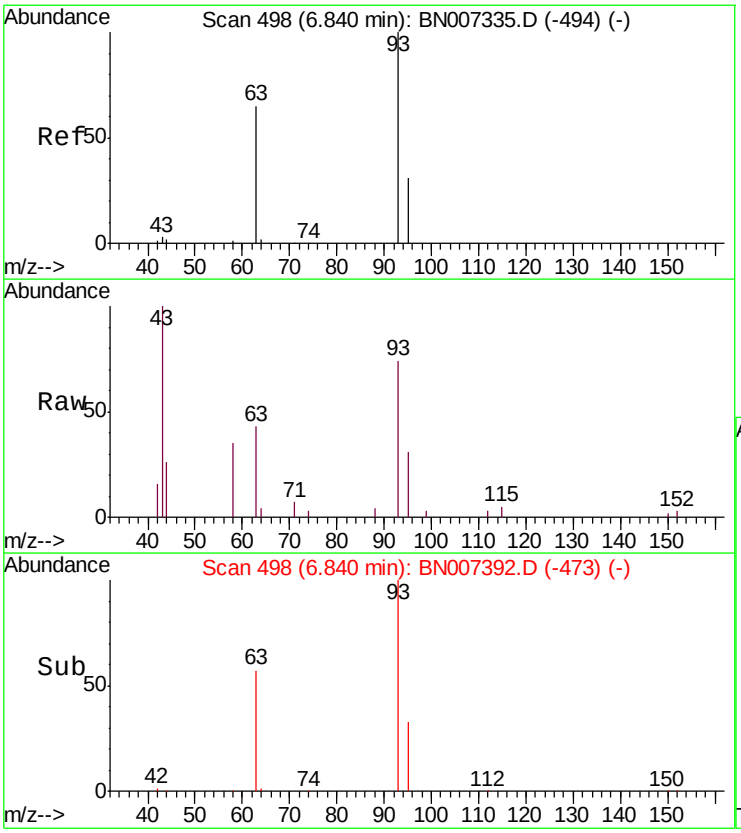
#5
Phenol-d6
Concen: 0.262 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 99 Resp: 4415

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.2	16.8
71	36.9	31.8	47.8

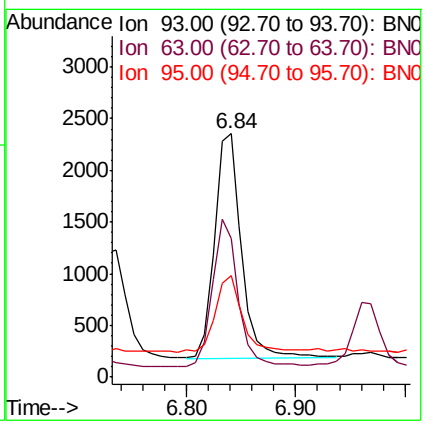


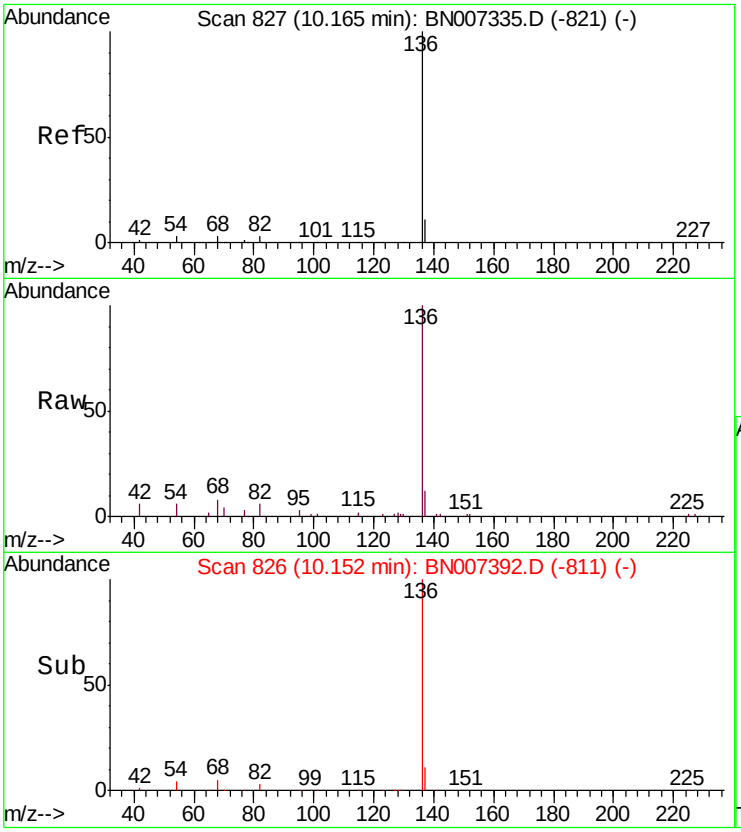


#6
bis(2-Chloroethyl)ether
Concen: 0.283 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion: 93 Resp: 3753

Ion	Ratio	Lower	Upper
93	100		
63	63.1	51.9	77.9
95	34.1	27.7	41.5



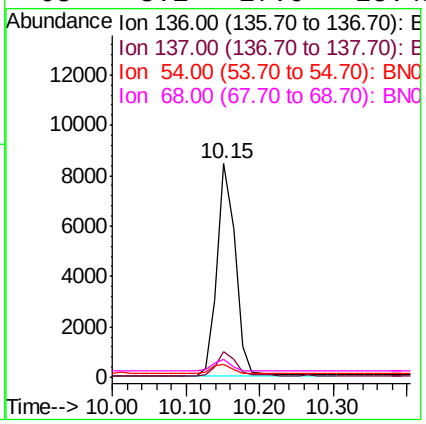


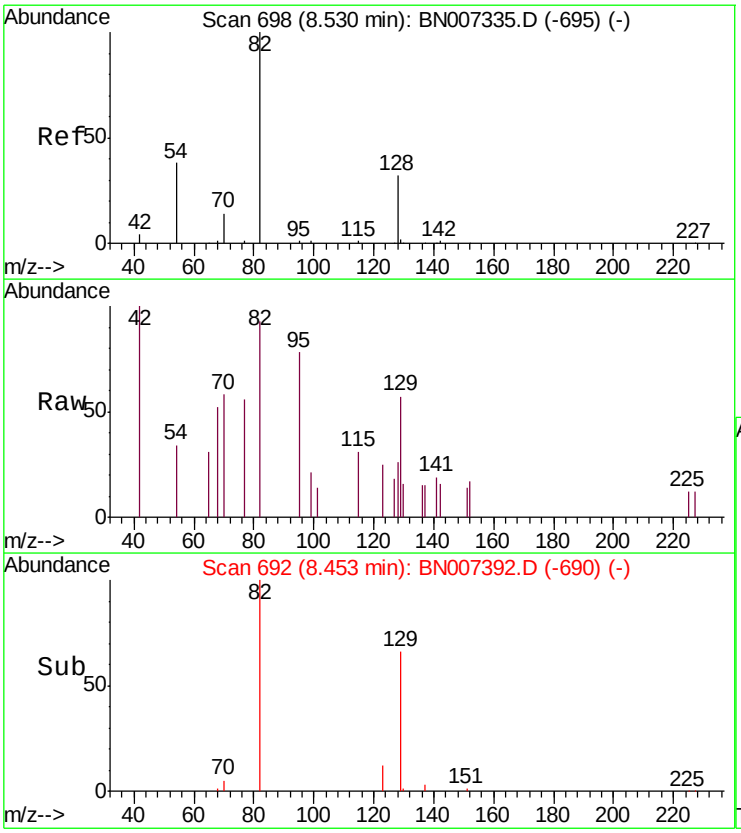
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:136 Resp: 14557

Ion	Ratio	Lower	Upper
136	100		
137	12.0	12.9	19.3#
54	6.0	8.6	12.8#
68	8.1	17.0	25.4#

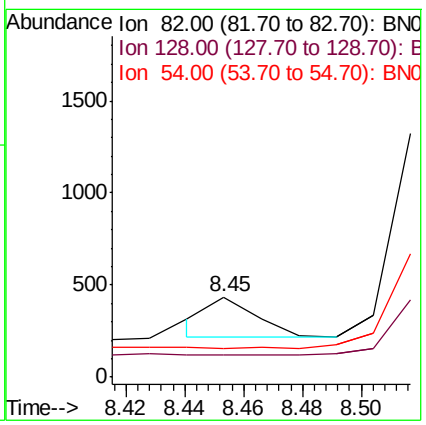


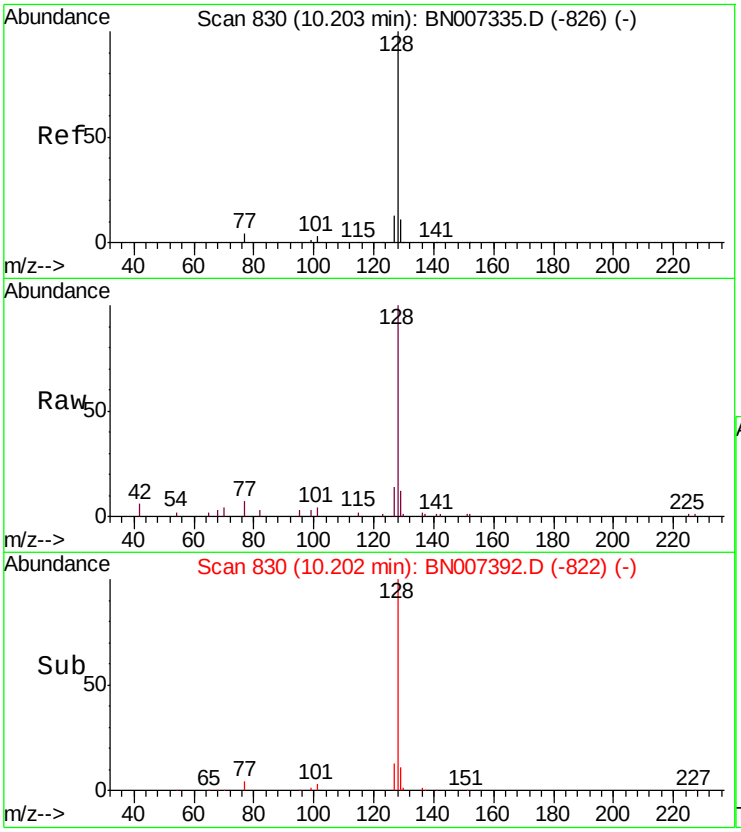


#8
Nitrobenzene-d5
Concen: 0.020 ng
RT: 8.45 min Scan# 692
Delta R.T. -0.08 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion: 82 Resp: 251

Ion	Ratio	Lower	Upper
82	100		
128	27.9	19.7	29.5
54	36.2	25.8	38.6



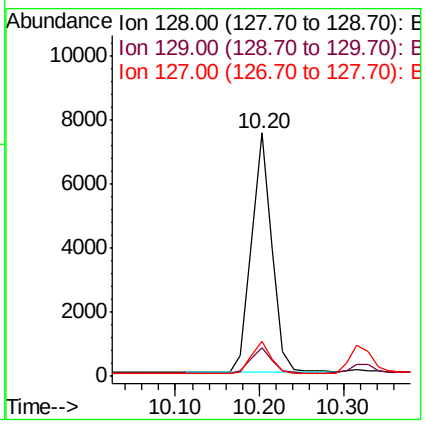


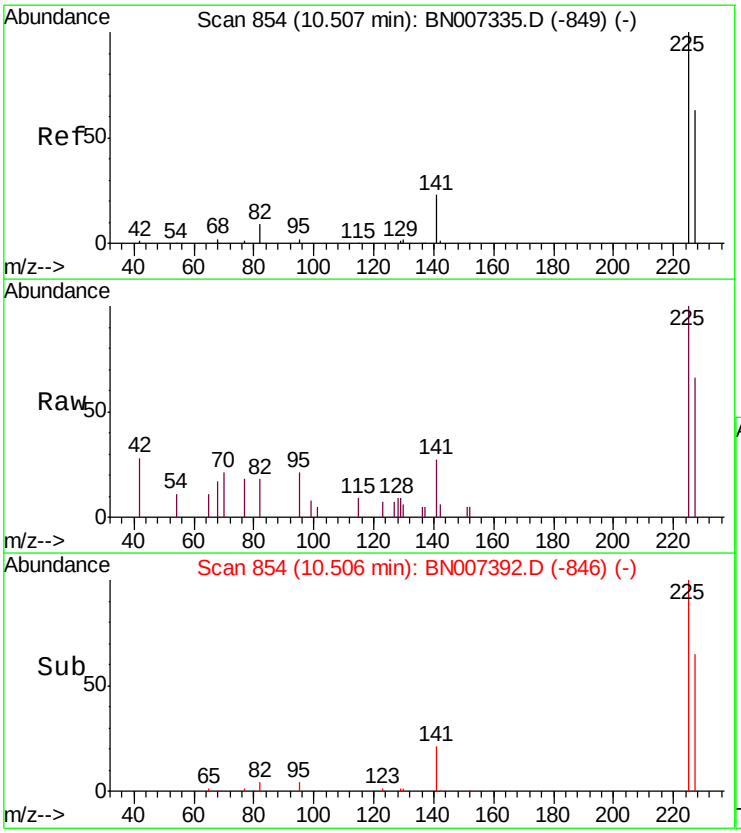
#9
Naphthalene
Concen: 0.302 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:128 Resp: 12552

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.1	16.7
127	14.4	15.5	23.3#

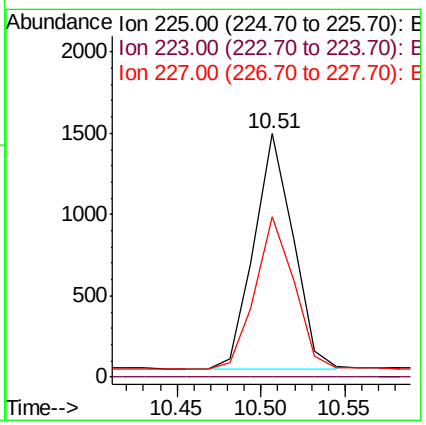


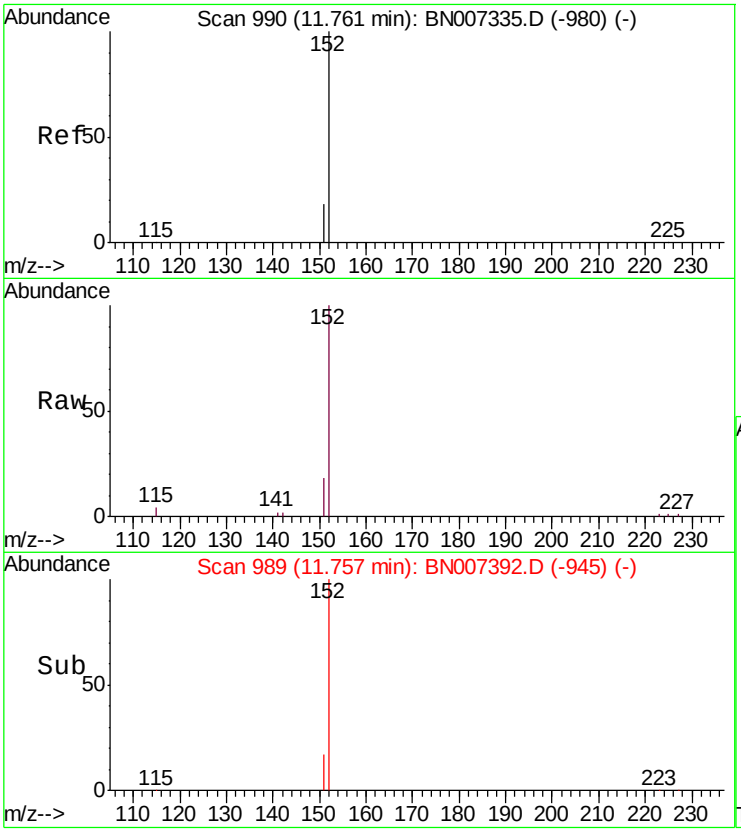


#10
Hexachlorobutadiene
Concen: 0.273 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:225 Resp: 2325

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1



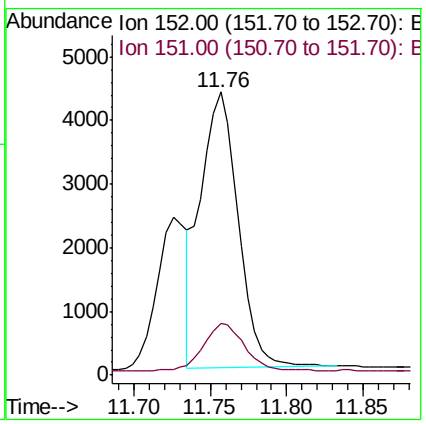


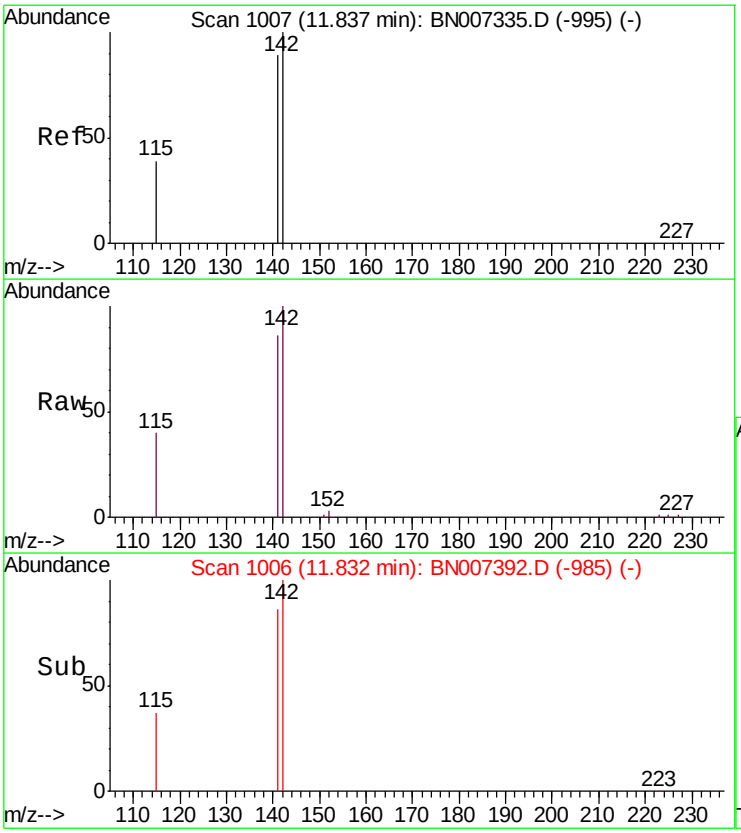
#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:152 Resp: 7428

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

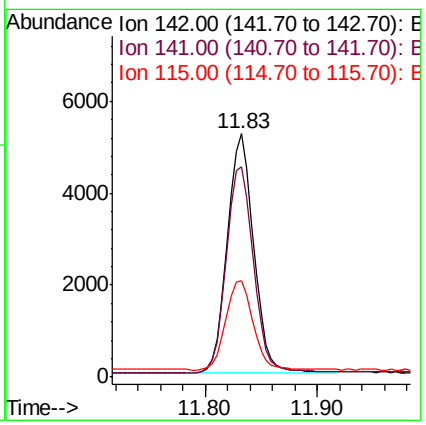


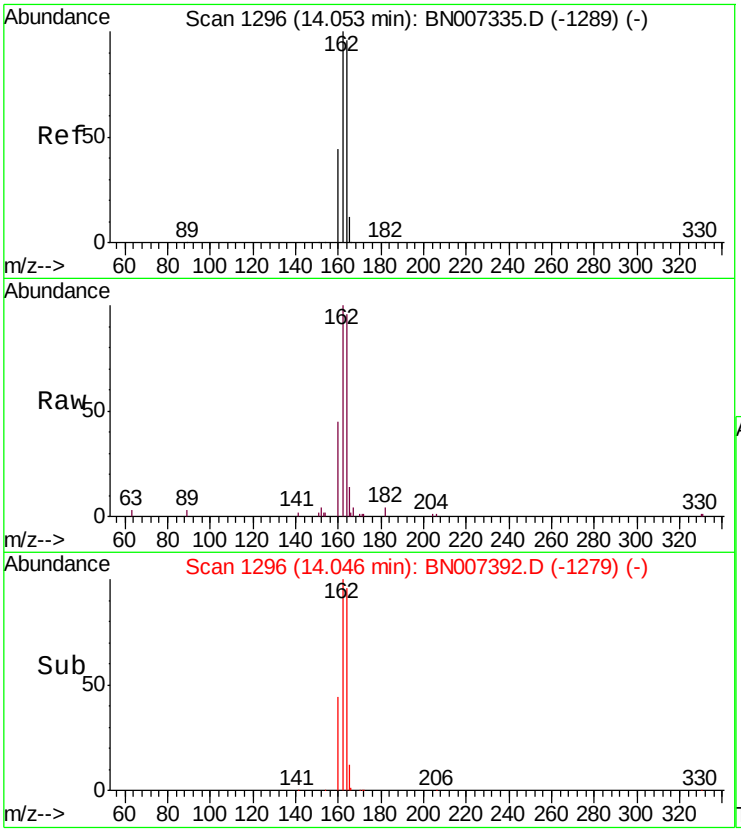


#12
2-Methylnaphthalene
Concen: 0.299 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:142 Resp: 8463

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.8	109.2
115	39.7	35.2	52.8



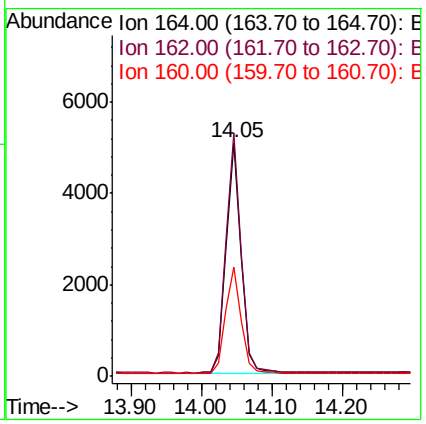


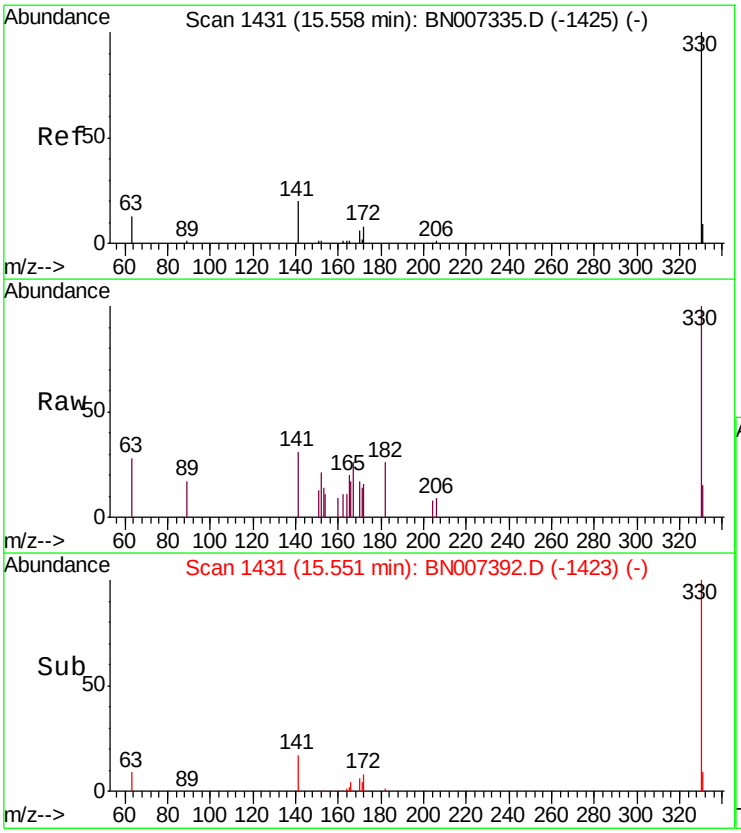
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:164 Resp: 7692

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	46.8	38.2	57.4

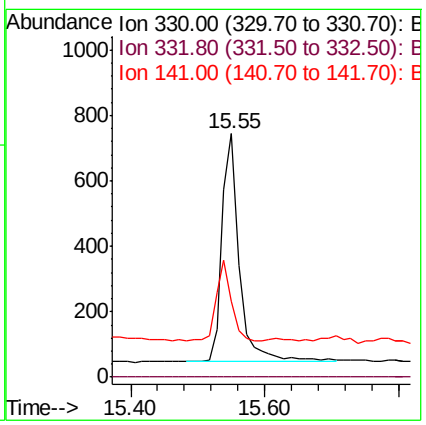


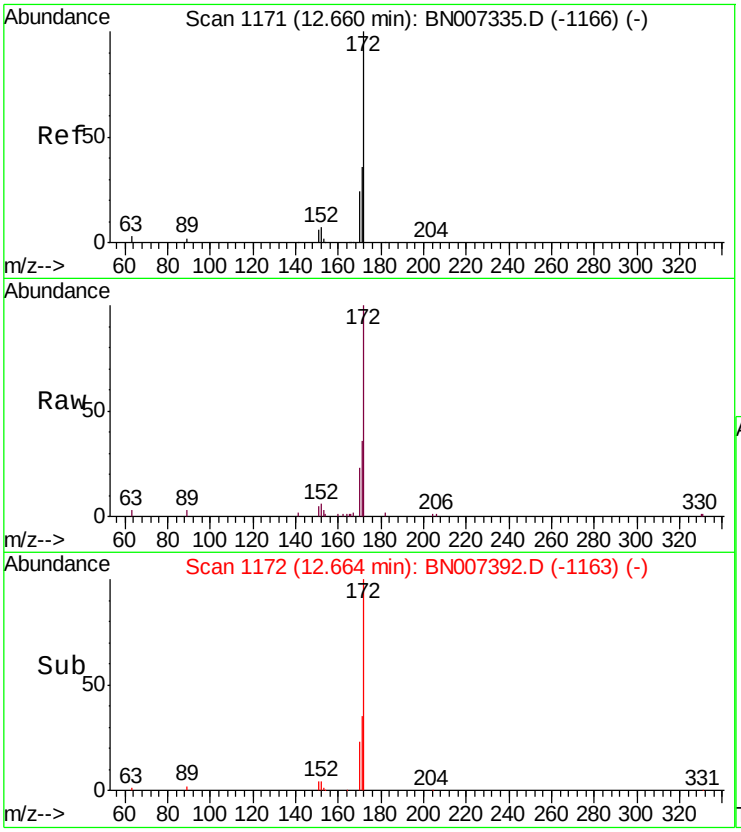


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:330 Resp: 1272

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.1	26.9	40.3



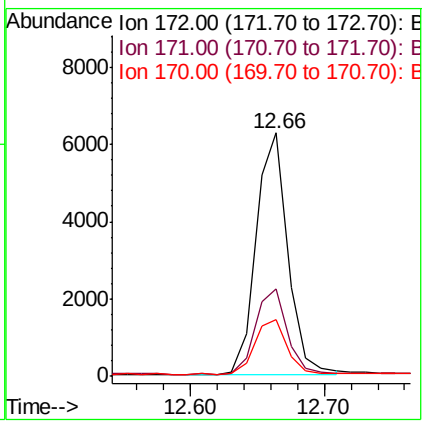


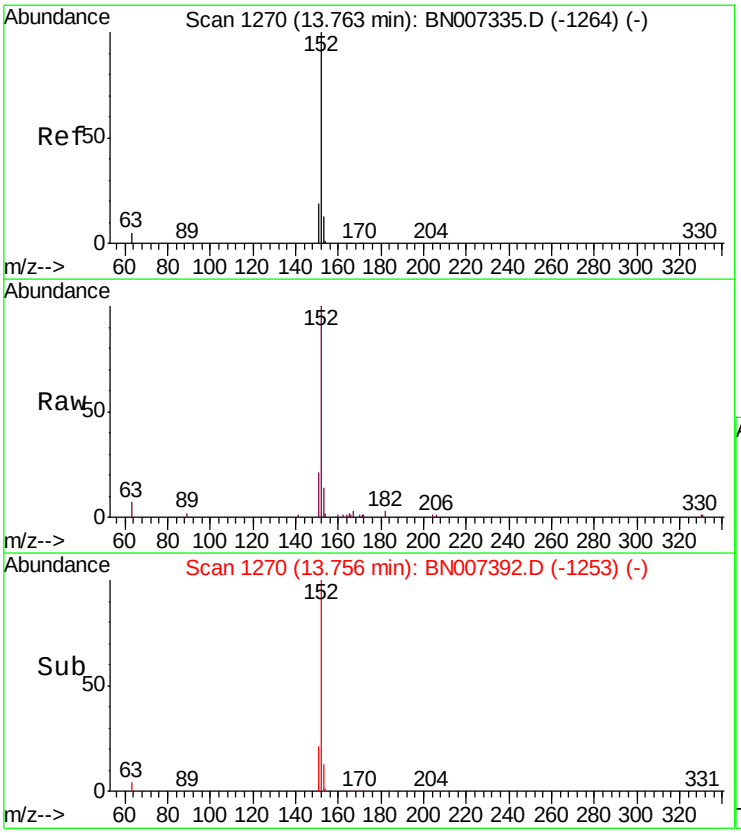
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:172 Resp: 10289

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.3	45.5
170	23.4	20.7	31.1

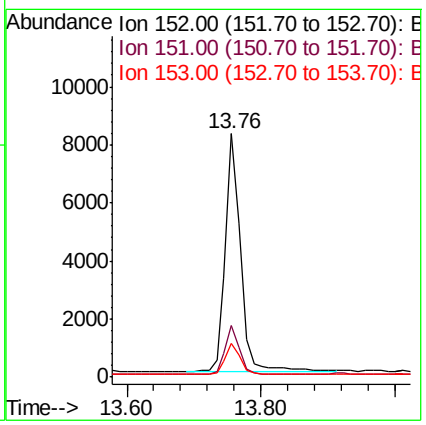


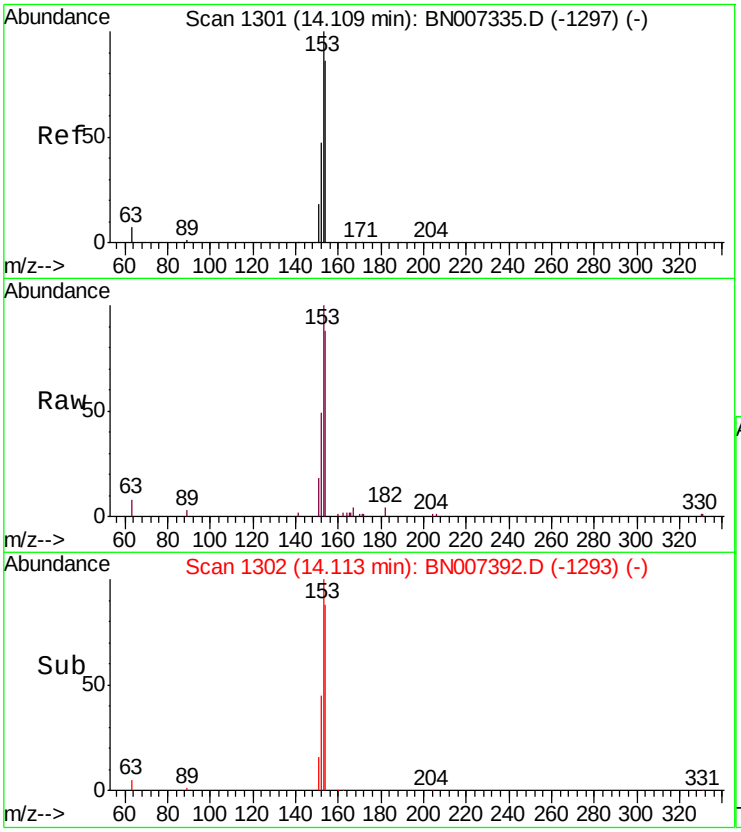


#16
Acenaphthylene
Concen: 0.283 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:152 Resp: 12885

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.8	10.6	15.8



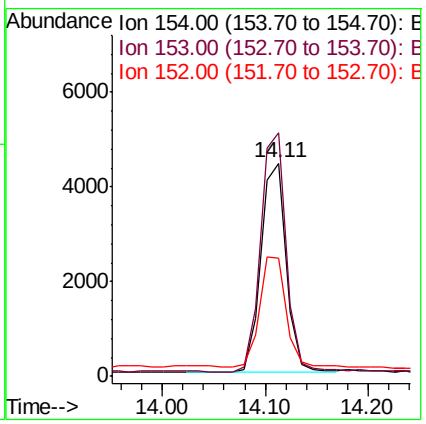


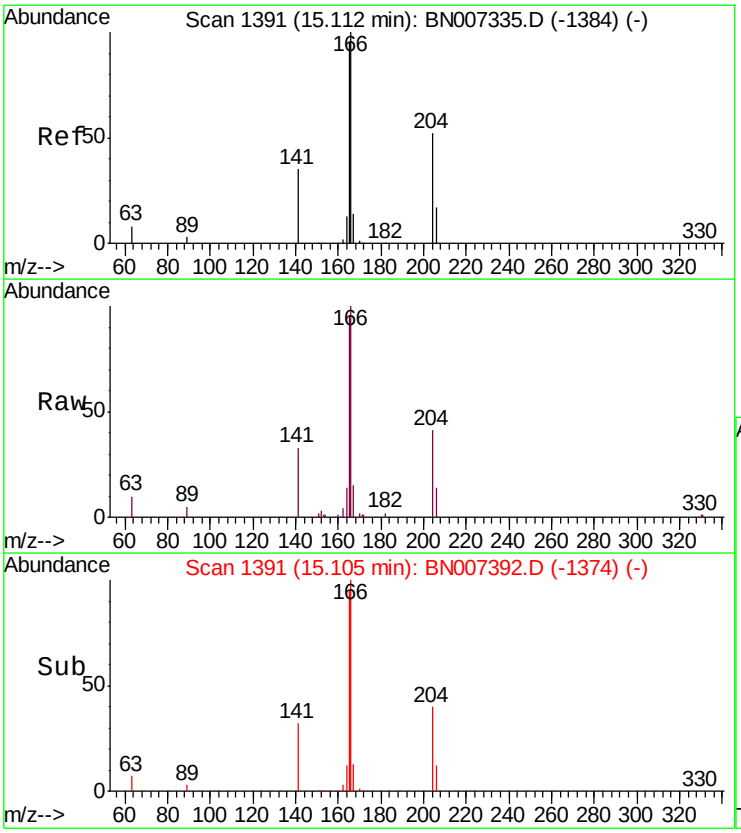
#17
Acenaphthene
Concen: 0.283 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:154 Resp: 7542

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.8	139.2
152	56.3	43.8	65.8

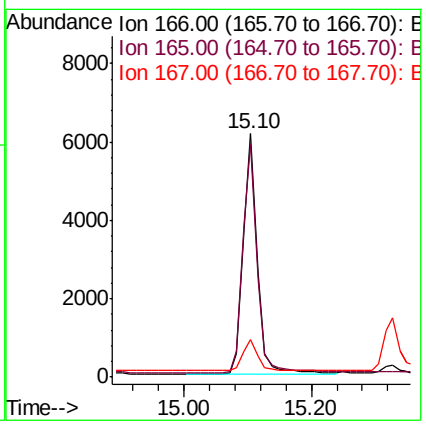


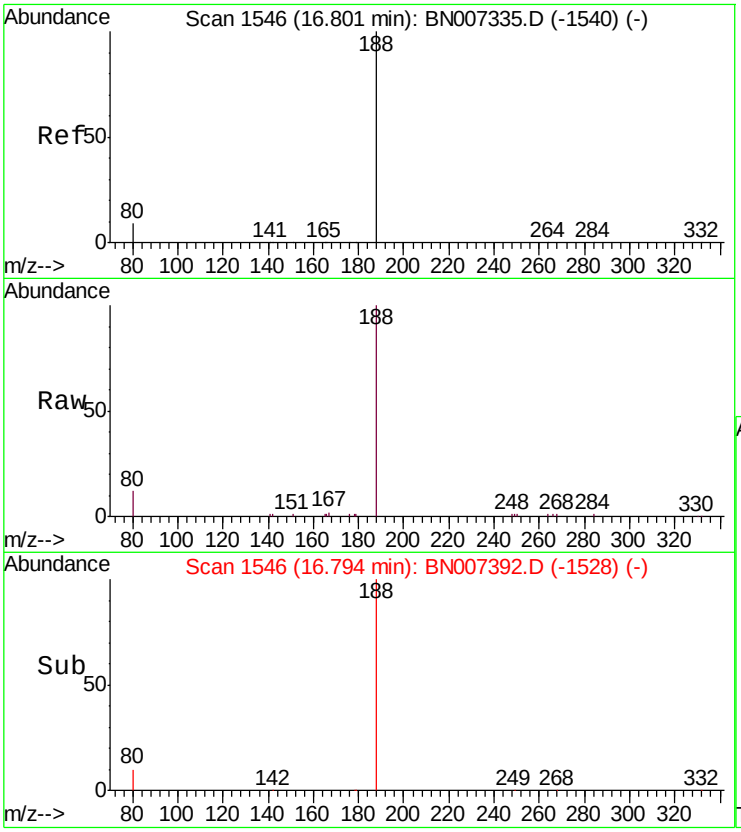


#18
Fluorene
Concen: 0.285 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:166 Resp: 9613

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.4
167	13.2	10.6	15.8



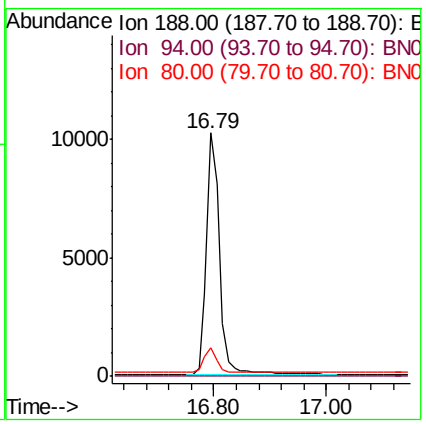


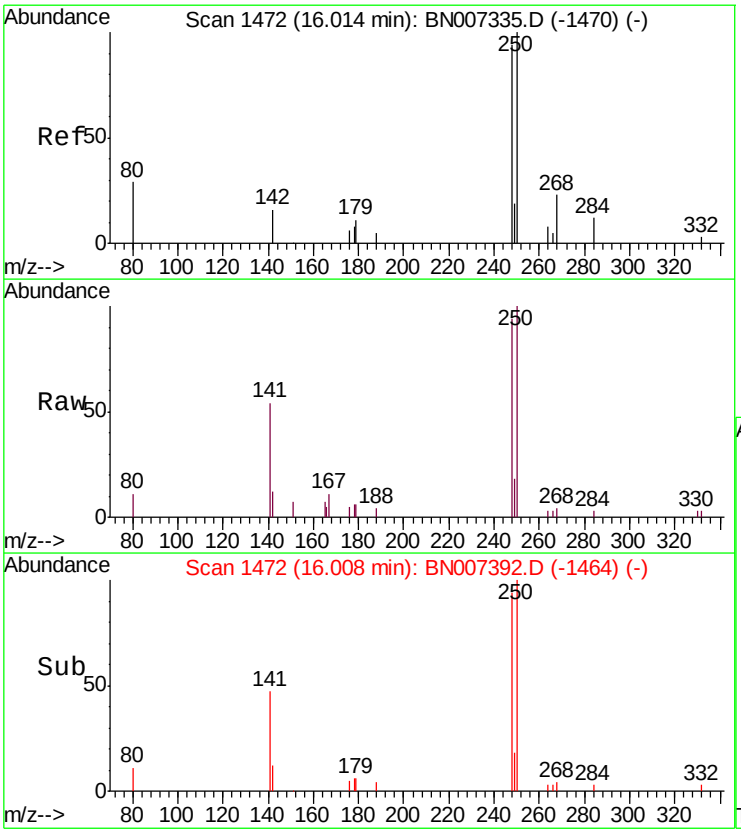
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:188 Resp: 16713

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	11.8	17.8

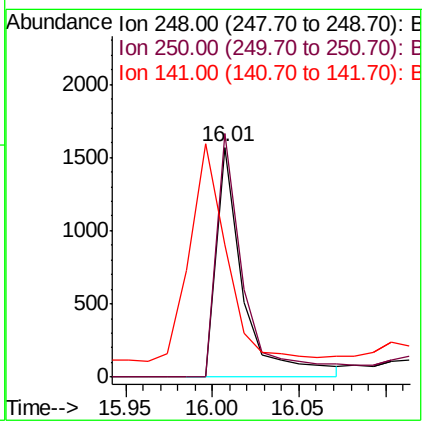


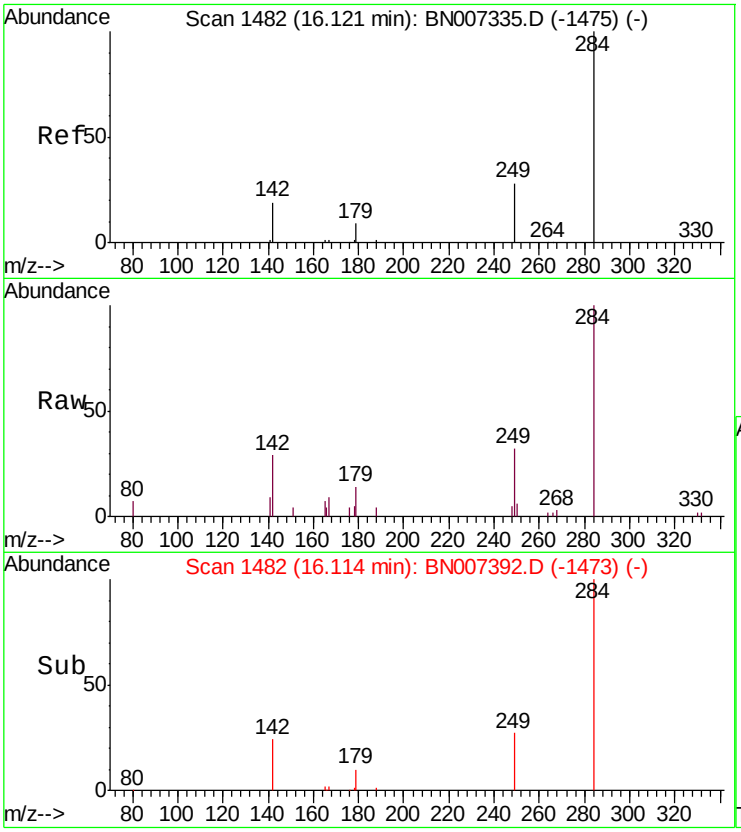


#20
4-Bromophenyl-phenylether
Concen: 0.255 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:248 Resp: 1680

Ion	Ratio	Lower	Upper
248	100		
250	105.9	85.0	127.6
141	57.5	51.7	77.5



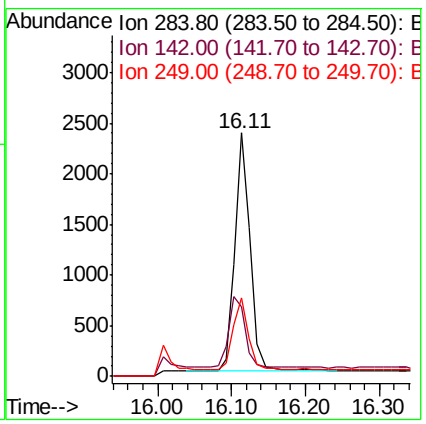


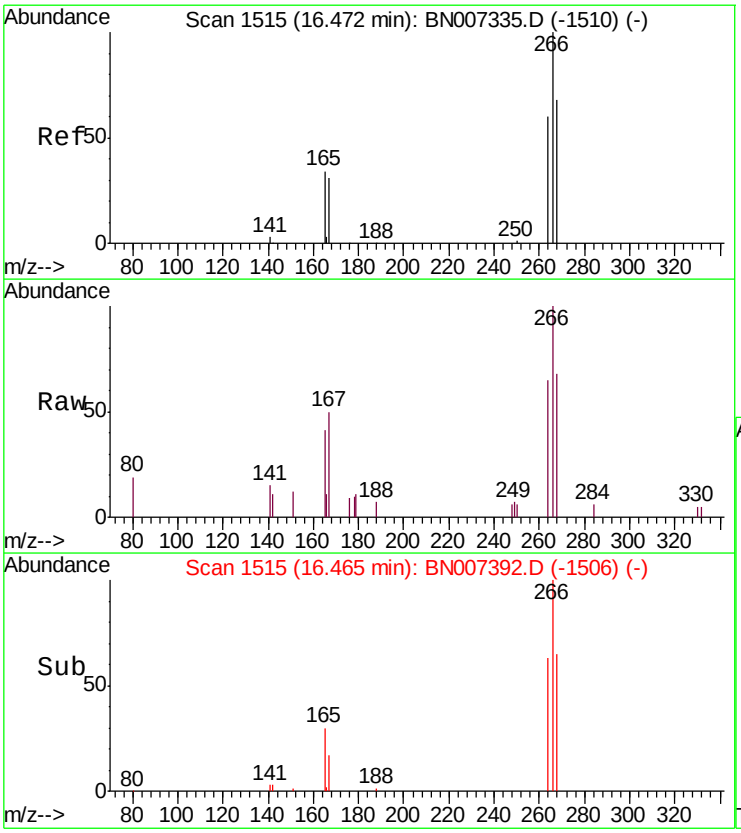
#21
Hexachlorobenzene
Concen: 0.303 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:284 Resp: 3394

Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.0	43.6
249	30.0	24.9	37.3

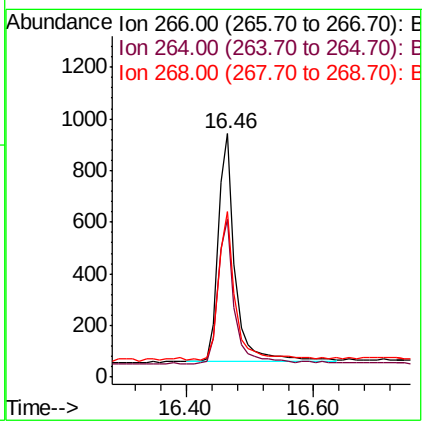


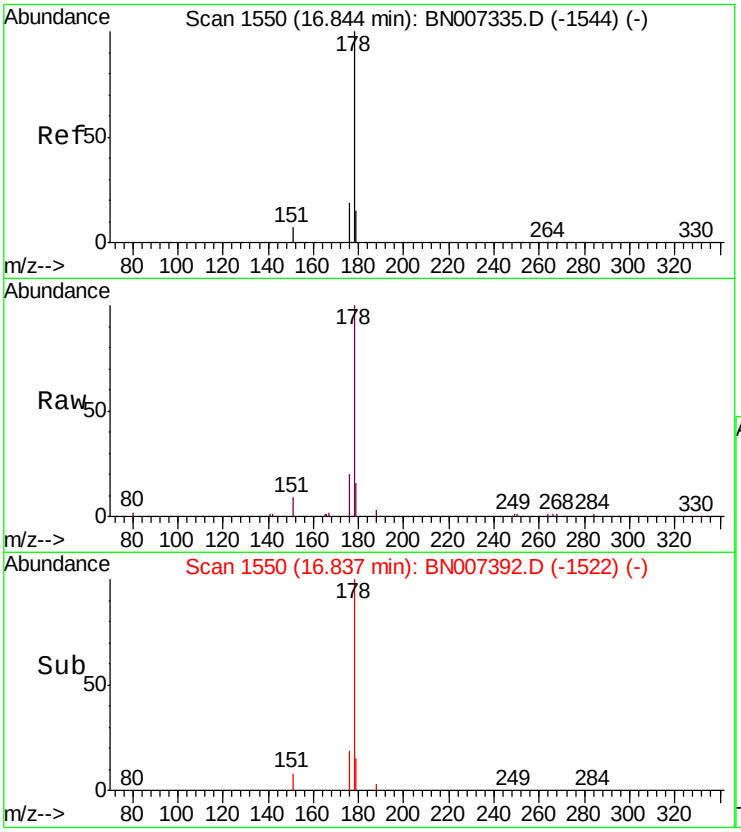


#22
Pentachlorophenol
Concen: 0.466 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:266 Resp: 1622

Ion	Ratio	Lower	Upper
266	100		
264	64.8	57.8	86.8
268	68.0	99.7	149.5#



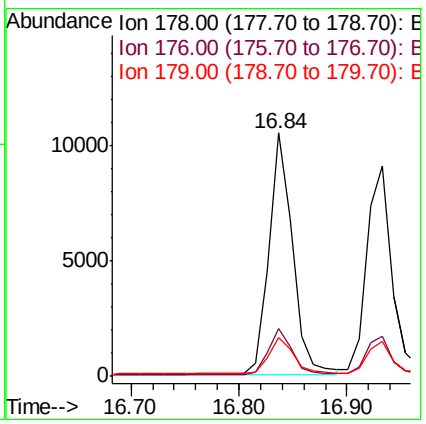


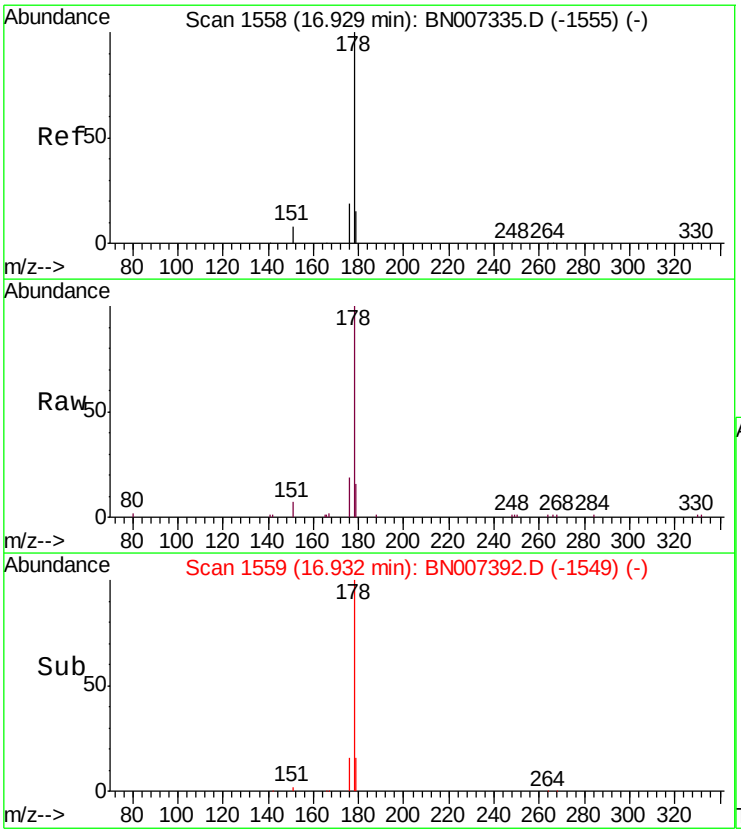
#23
Phenanthrene
Concen: 0.313 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:178 Resp: 15752

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.2	12.6	19.0

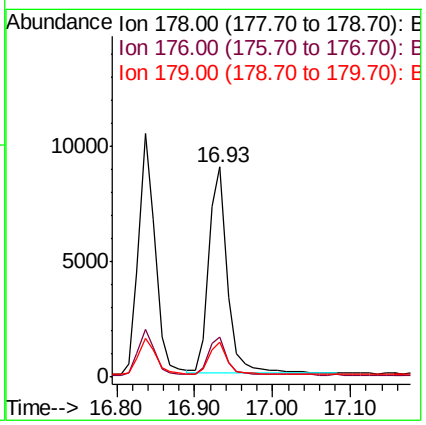


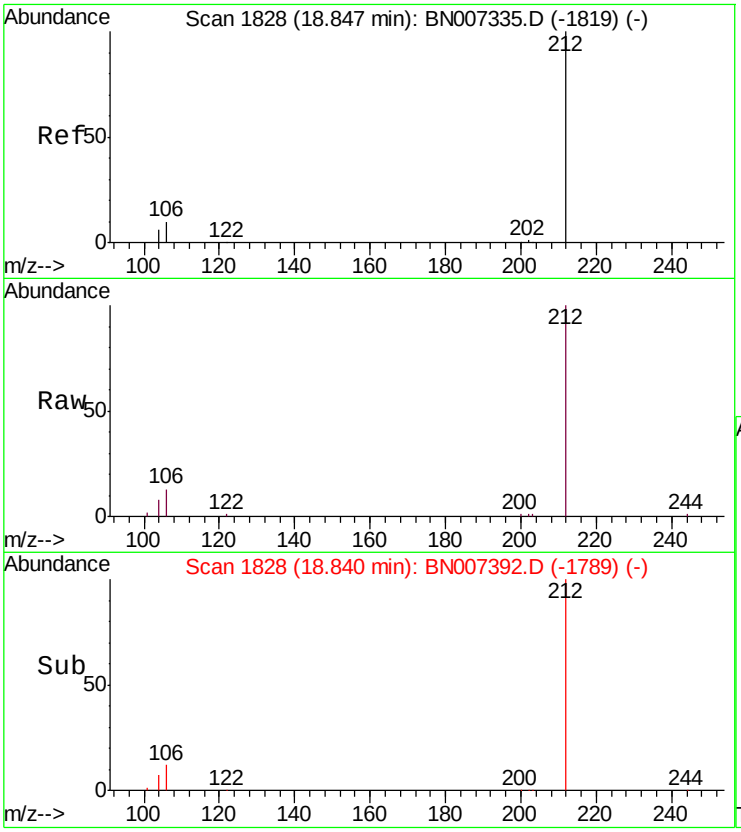


#24
Anthracene
Concen: 0.290 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:178 Resp: 14641

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.7	12.4	18.6



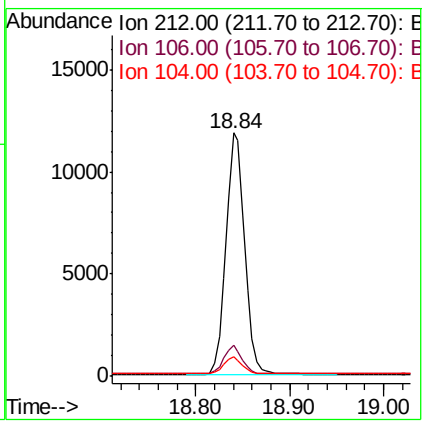


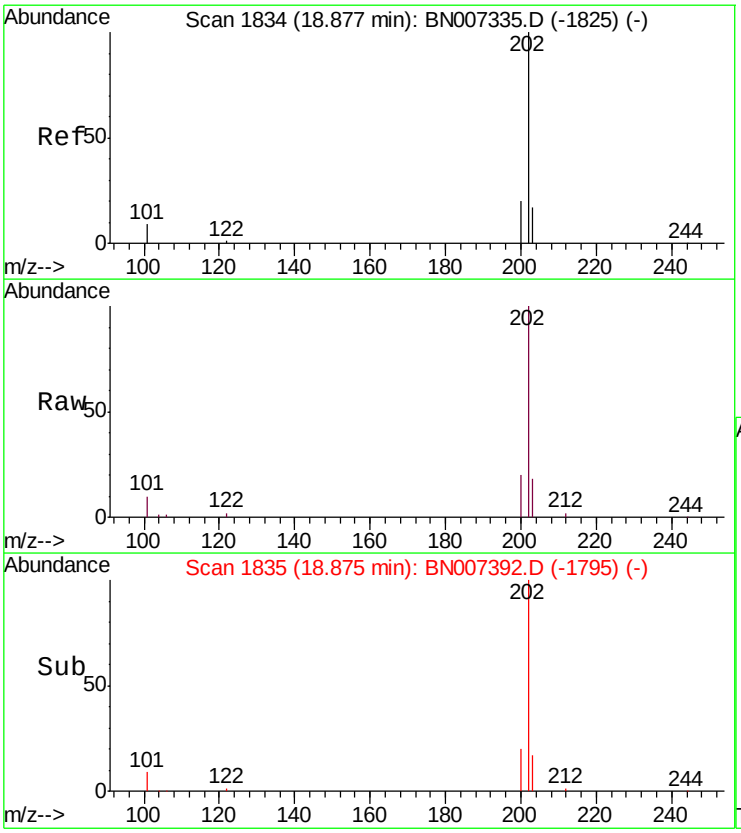
#25
Fluoranthene-d10
Concen: 0.304 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:212 Resp: 16364

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.0	13.4
104	6.5	5.4	8.2

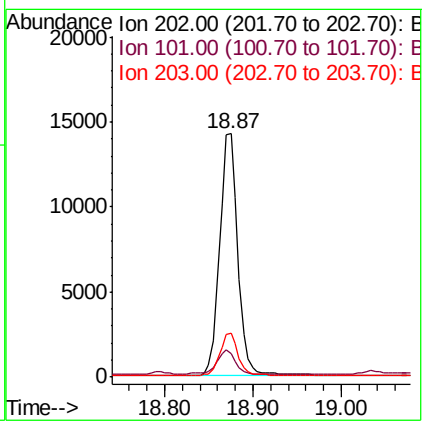


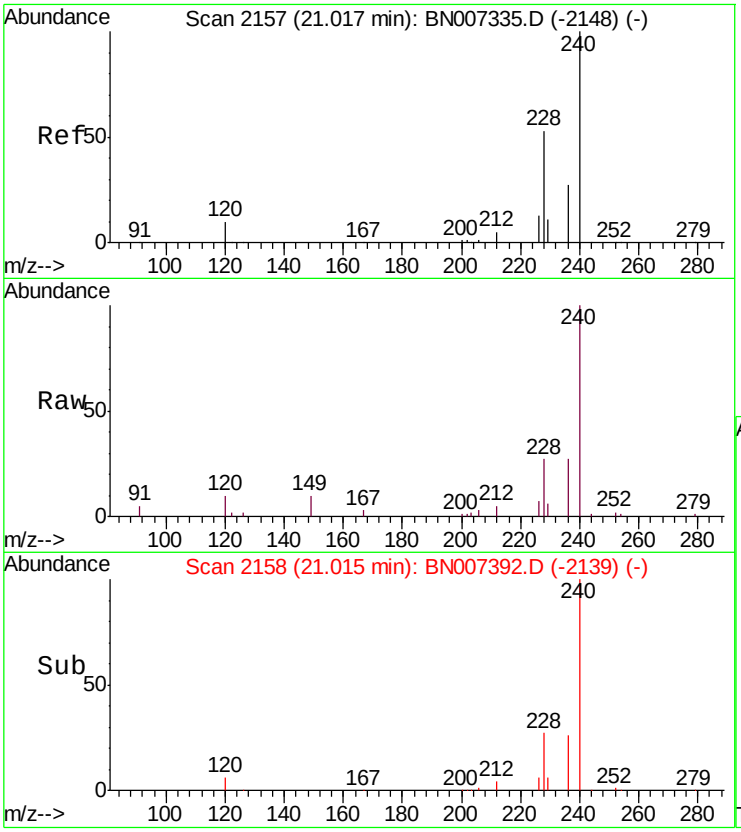


#26
Fluoranthene
Concen: 0.314 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:202 Resp: 20265

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.7	11.5
203	17.0	13.7	20.5



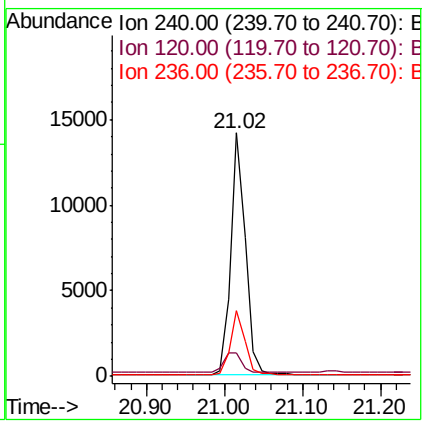


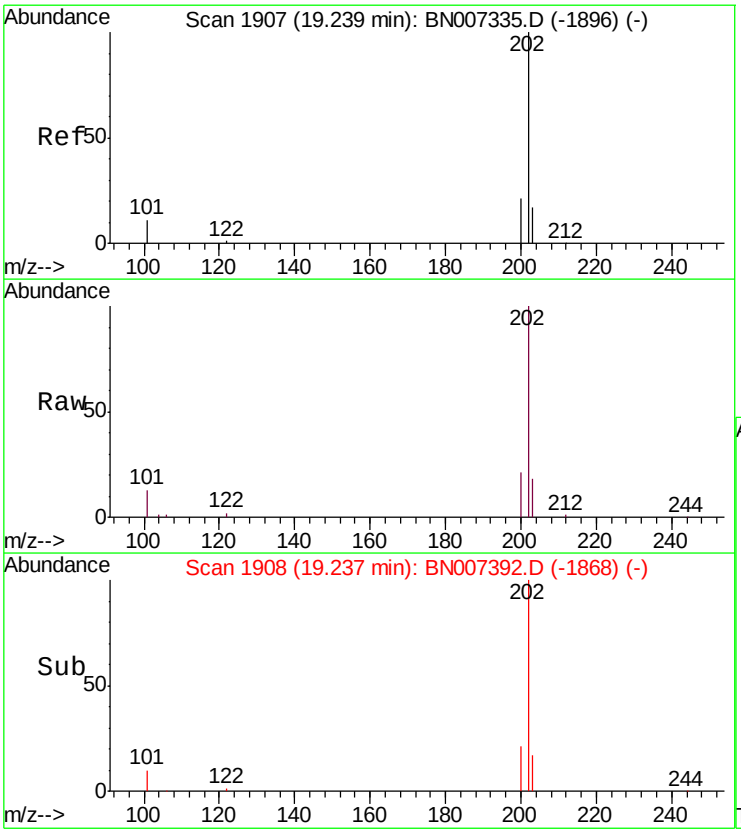
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:240 Resp: 18458

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.6	14.4#
236	26.8	22.2	33.2

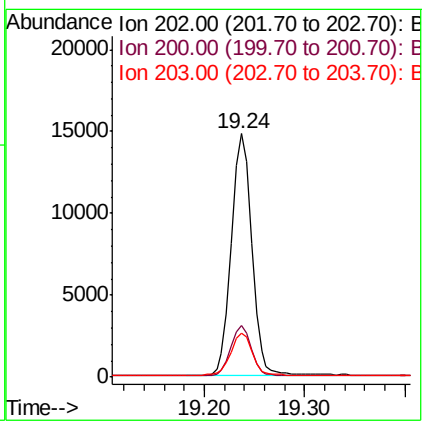


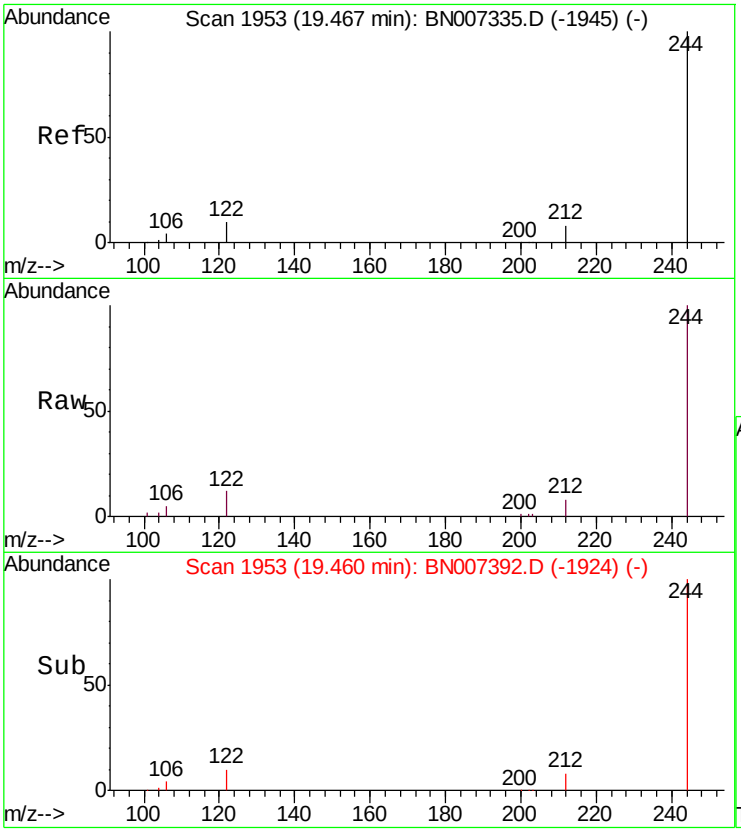


#28
Pyrene
Concen: 0.279 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:202 Resp: 20735

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	18.1	14.2	21.4



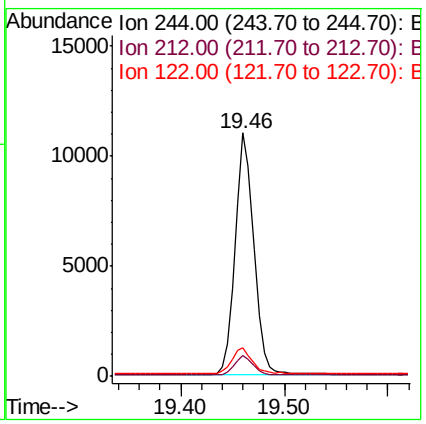


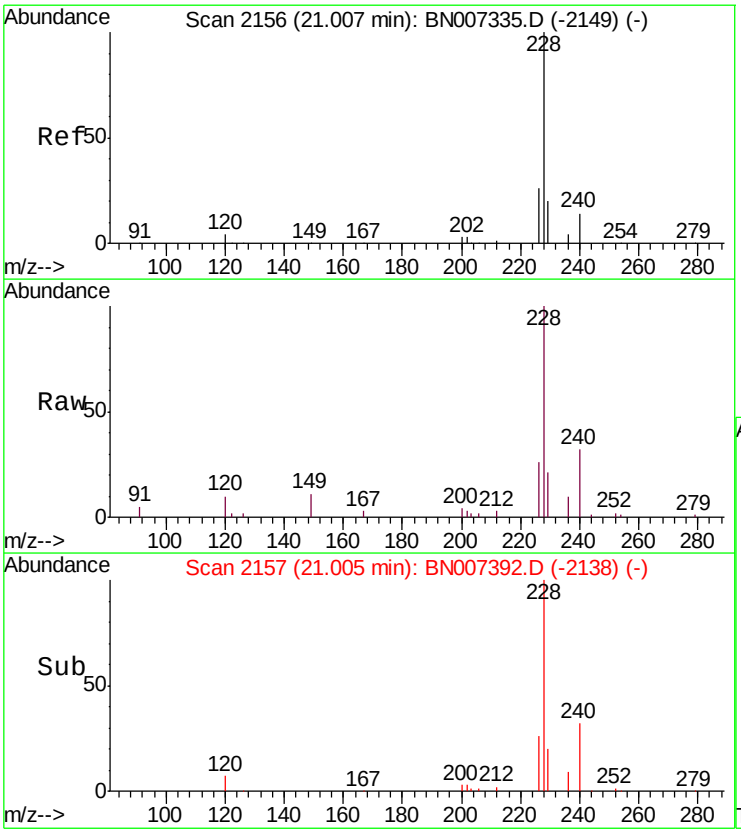
#29
Terphenyl-d14
Concen: 0.276 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:244 Resp: 13339

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	11.6	9.6	14.4

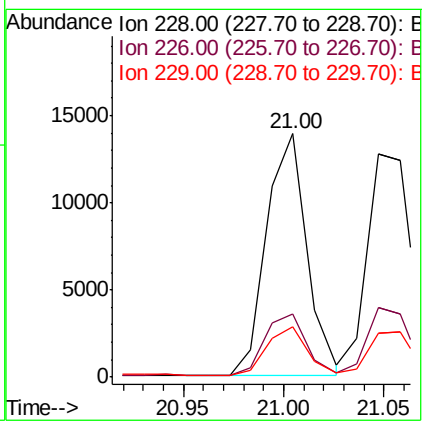


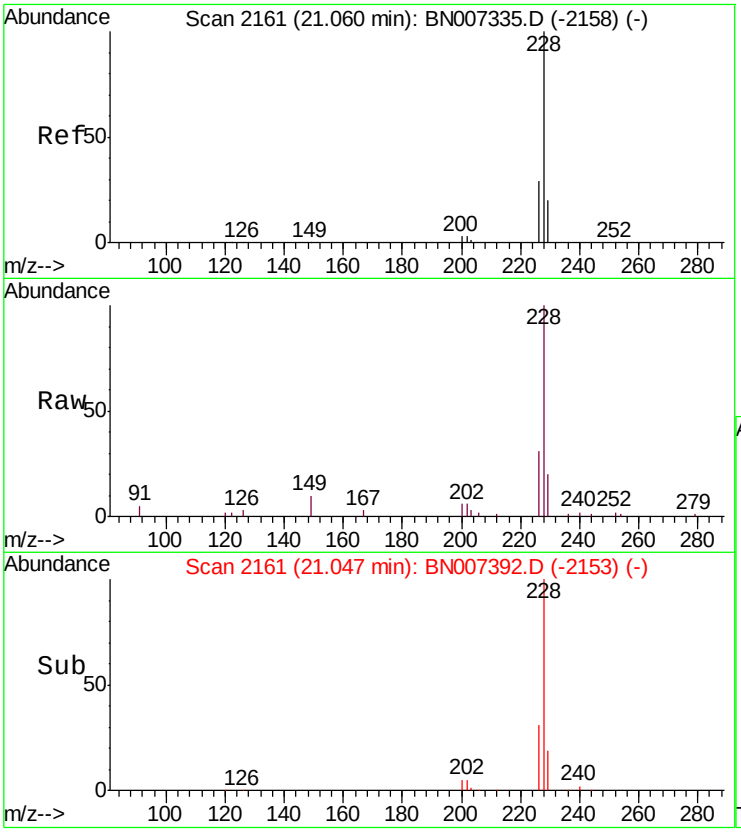


#30
Benzo(a)anthracene
Concen: 0.269 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:228 Resp: 19489

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	20.7	16.1	24.1



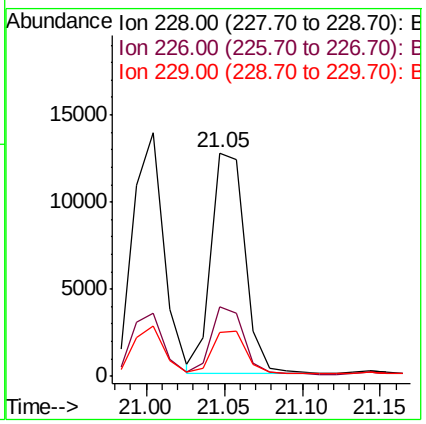


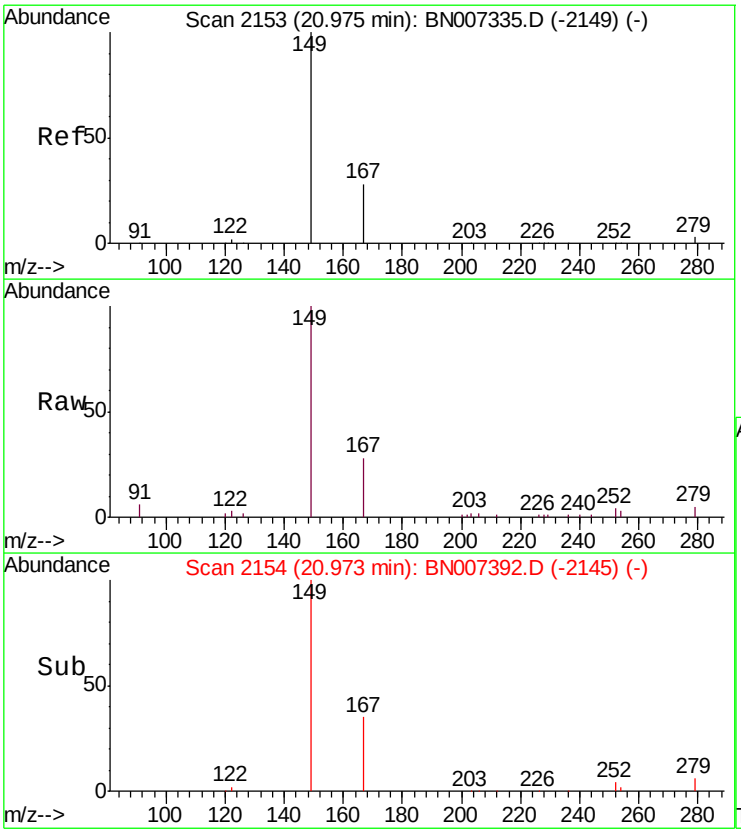
#31
Chrysene
Concen: 0.271 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:228 Resp: 18953

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.5	35.3
229	19.5	16.6	24.8

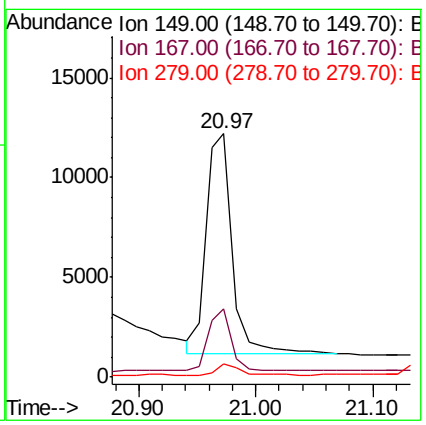


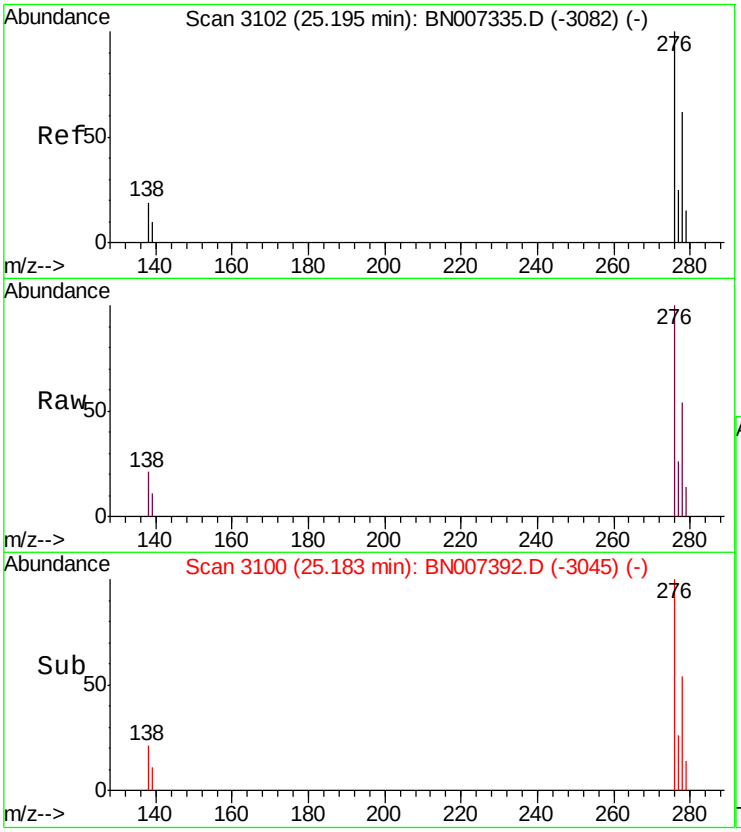


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:149 Resp: 17303

Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.8	34.2
279	4.0	3.5	5.3



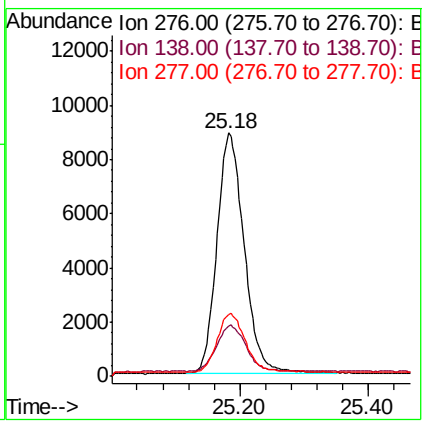


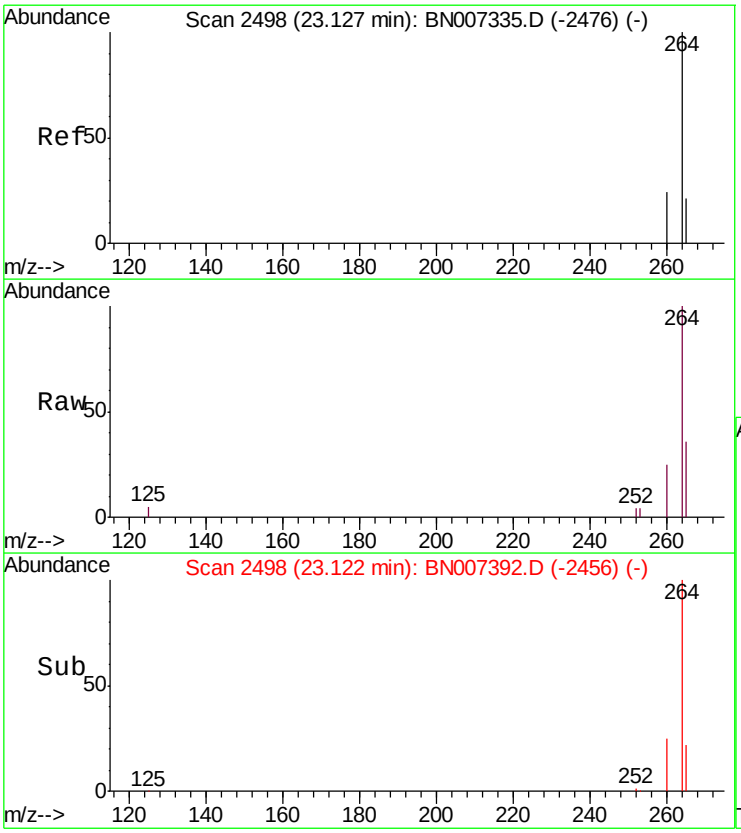
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:276 Resp: 26393

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.1	22.7
277	24.5	19.7	29.5

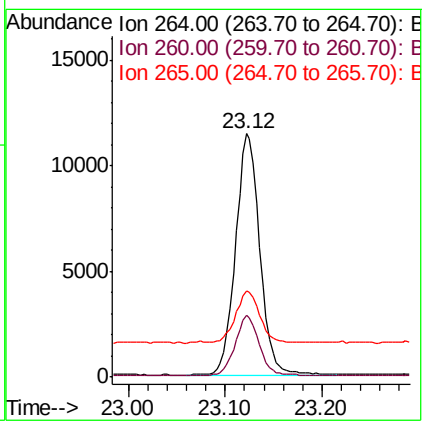


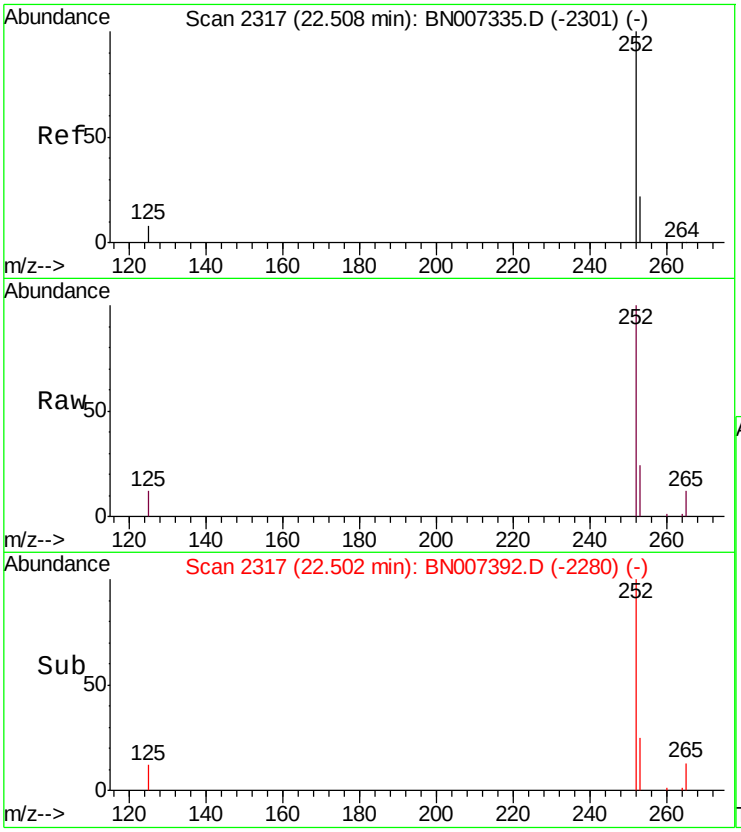


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:264 Resp: 19869

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	35.6	29.9	44.9



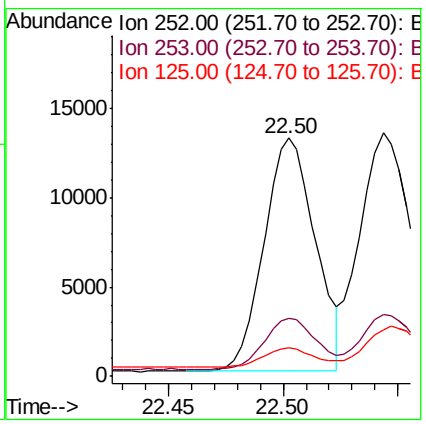


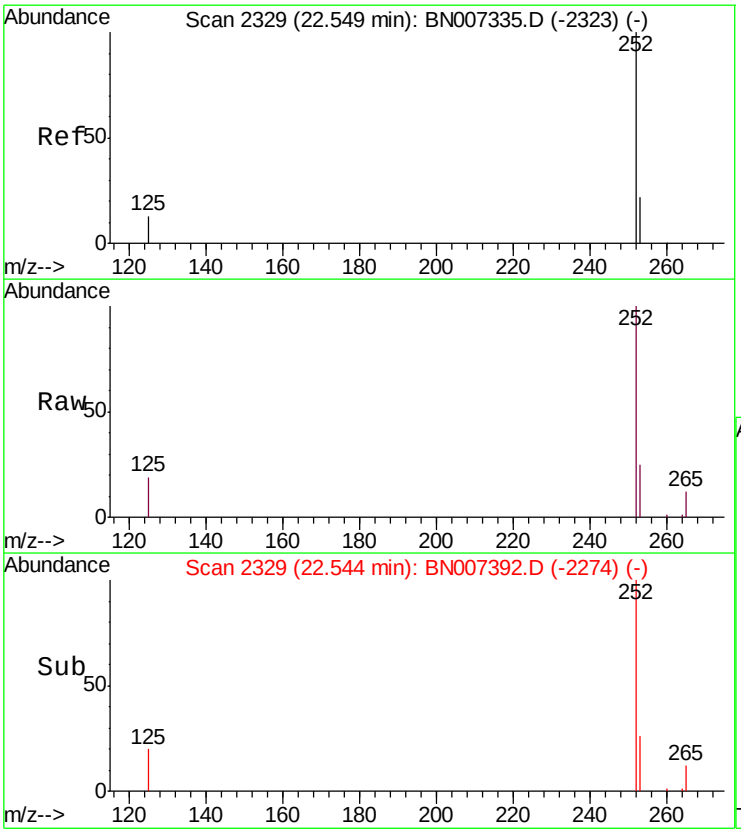
#35
Benzo(b)fluoranthene
Concen: 0.283 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:252 Resp: 20351

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	12.0	10.6	16.0

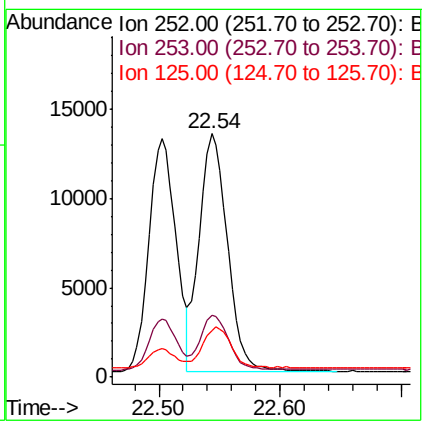


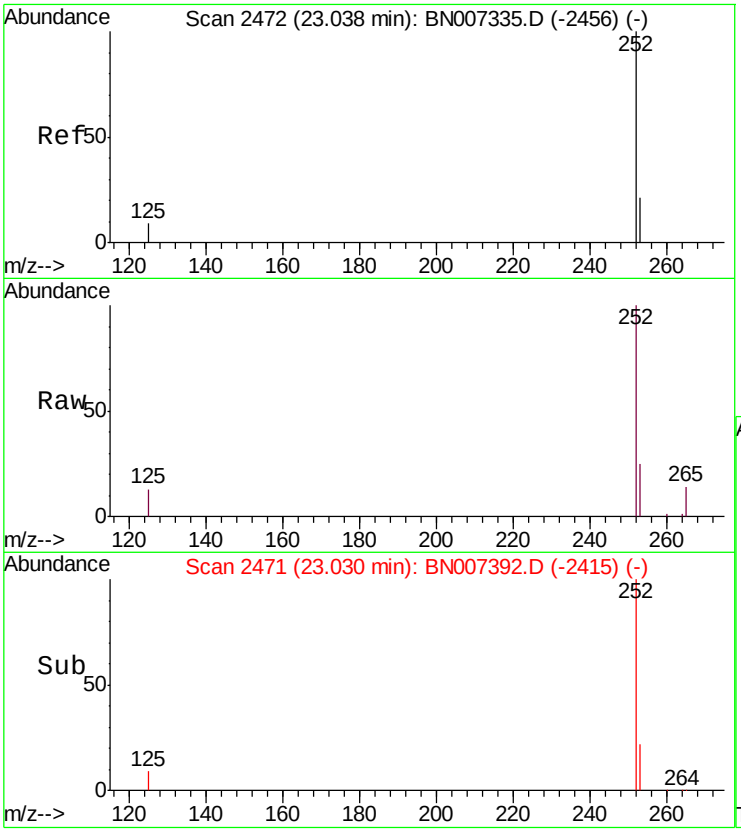


#36
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:252 Resp: 21702

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.2
125	19.3	13.1	19.7



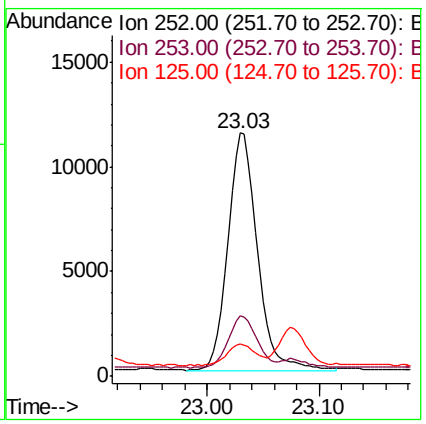


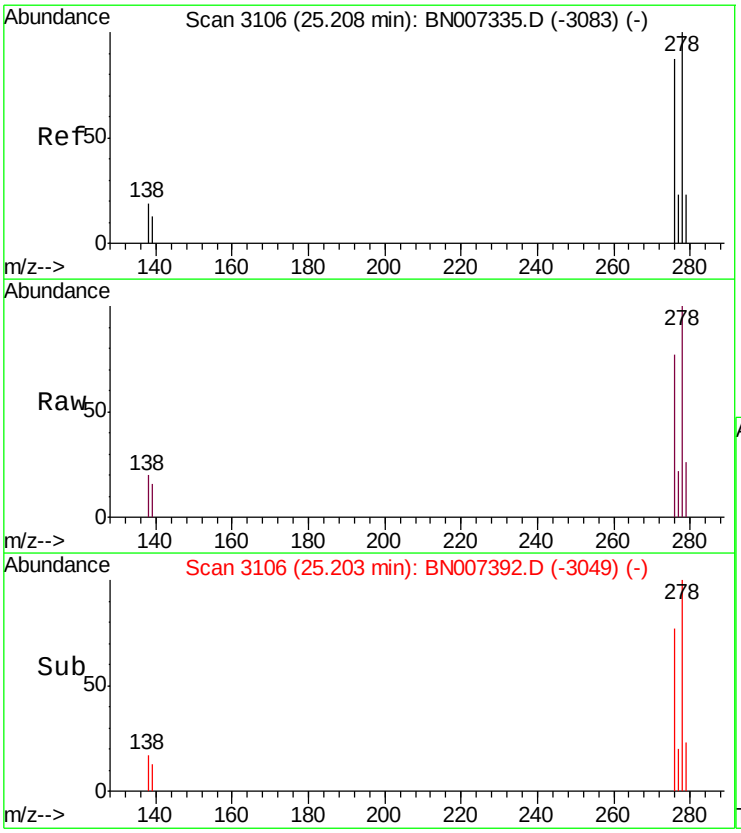
#37
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:252 Resp: 20749

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.5	29.3
125	13.3	12.1	18.1

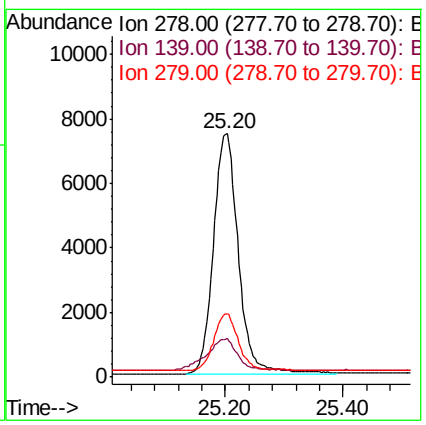


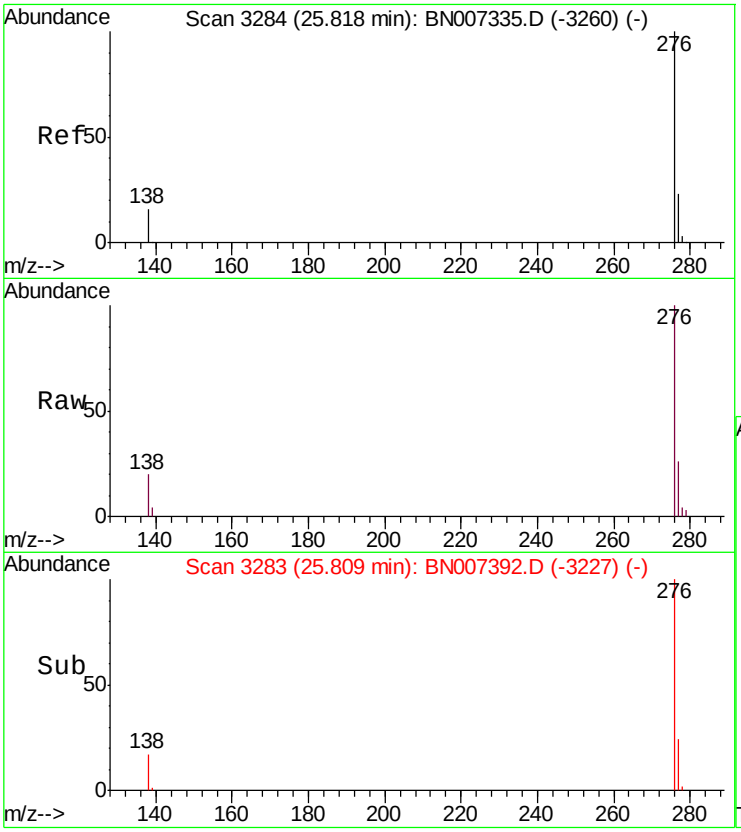


#38
Dibenzo(a,h)anthracene
Concen: 0.318 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:278 Resp: 21764

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	26.0	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:276 Resp: 22397

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.6	29.4
138	19.6	16.3	24.5