Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007522.D
Acq On : 30 Aug 2019 14:14
Operator : HP/JU
Sample : PB122692BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 31 01:58:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5854	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	25415	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	15563	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	37241	0.40	ng		0.00
27) Chrysene-d12	21.02	240	35640	0.40	ng		0.00
34) Perylene-d12	23.12	264	33881	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	6641	0.32	ng		0.00
5) Phenol-d6	6.59	99	8710	0.33	ng		0.00
8) Nitrobenzene-d5	8.53	82	6464	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	16353	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	2850	0.35	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	20612	0.33	ng		0.00
25) Fluoranthene-d10	18.84	212	40066	0.33	ng		-0.01
29) Terphenyl-d14	19.46	244	32382	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.99	88	1906	0.196	ng	#	55
3) n-Nitrosodimethylamine	3.31	42	841	0.186	ng	#	45
6) bis(2-Chloroethyl)ether	6.83	93	5674	0.268	ng		95
9) Naphthalene	10.19	128	19313	0.266	ng	#	92
10) Hexachlorobutadiene	10.49	225	3465	0.233	ng	#	99
12) 2-Methylnaphthalene	11.82	142	13791	0.279	ng		97
16) Acenaphthylene	13.76	152	22930	0.249	ng		99
17) Acenaphthene	14.10	154	13981	0.260	ng		98
18) Fluorene	15.09	166	18582	0.273	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	1596	0.109	ng	#	86
21) Hexachlorobenzene	16.10	284	6431	0.258	ng		95
22) Pentachlorophenol	16.45	266	3115	0.402	ng	#	64
23) Phenanthrene	16.83	178	30623	0.273	ng		99
24) Anthracene	16.92	178	29374	0.261	ng		100
26) Fluoranthene	18.86	202	39068	0.272	ng		99
28) Pyrene	19.23	202	39636	0.276	ng		99
30) Benzo(a)anthracene	20.99	228	36038	0.257	ng		100
31) Chrysene	21.05	228	35819	0.265	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	22909	0.234	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	35276	0.217	ng		97
35) Benzo(b)fluoranthene	22.50	252	34042	0.277	ng		98
36) Benzo(k)fluoranthene	22.54	252	35741	0.295	ng		99
37) Benzo(a)pyrene	23.02	252	31586	0.270	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	28520	0.245	ng		96
39) Benzo(g,h,i)perylene	25.79	276	29647	0.255	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007522.D
Acq On : 30 Aug 2019 14:14
Operator : HP/JU
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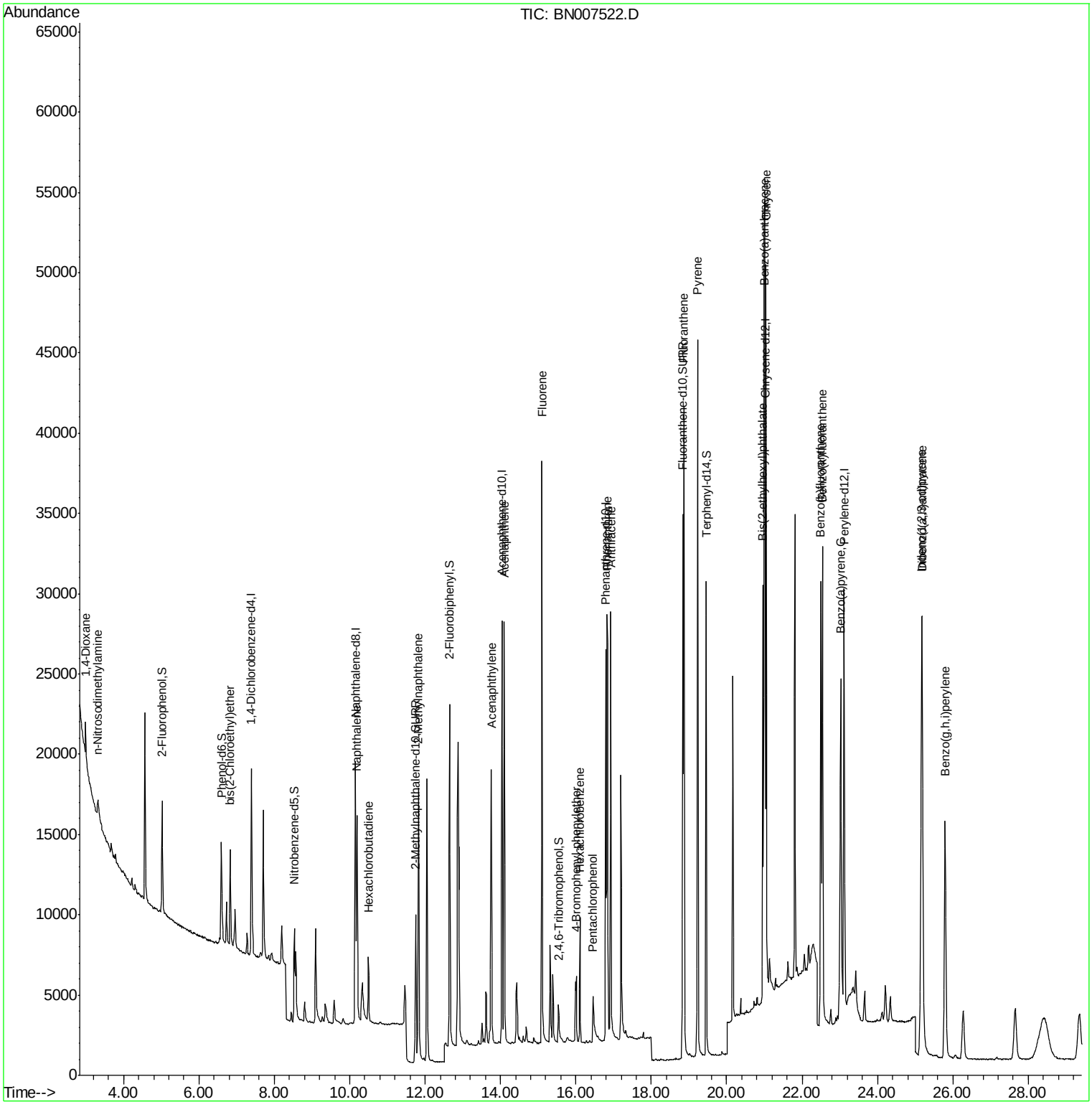
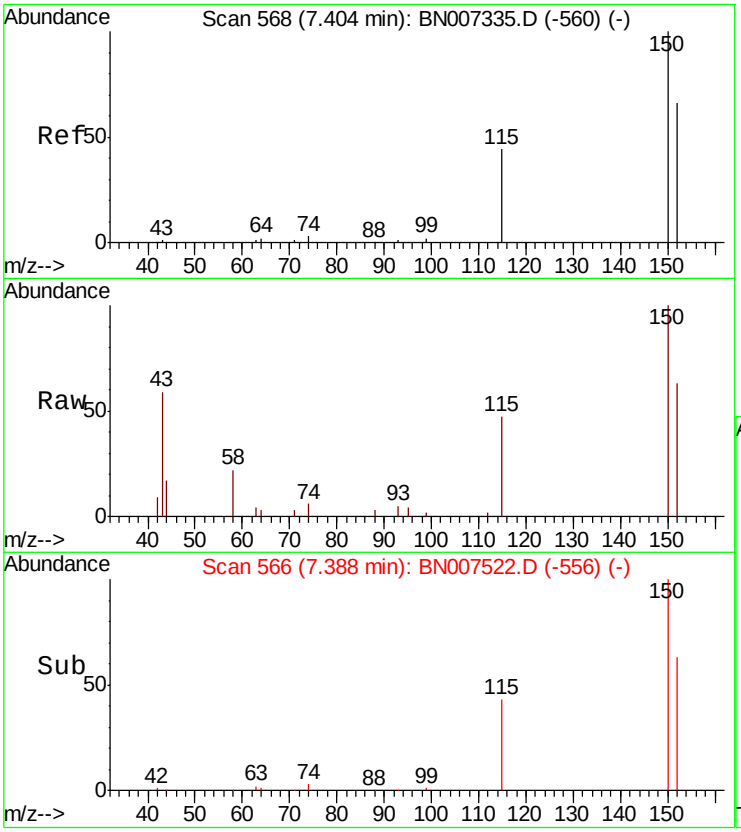
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 31 01:58:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



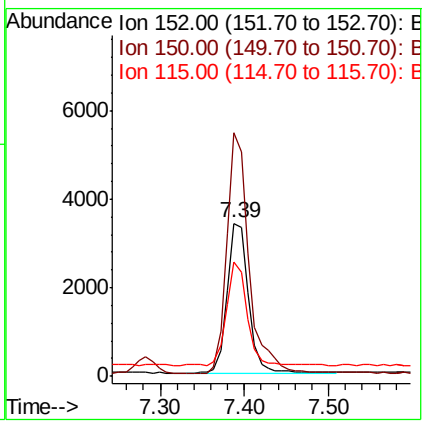


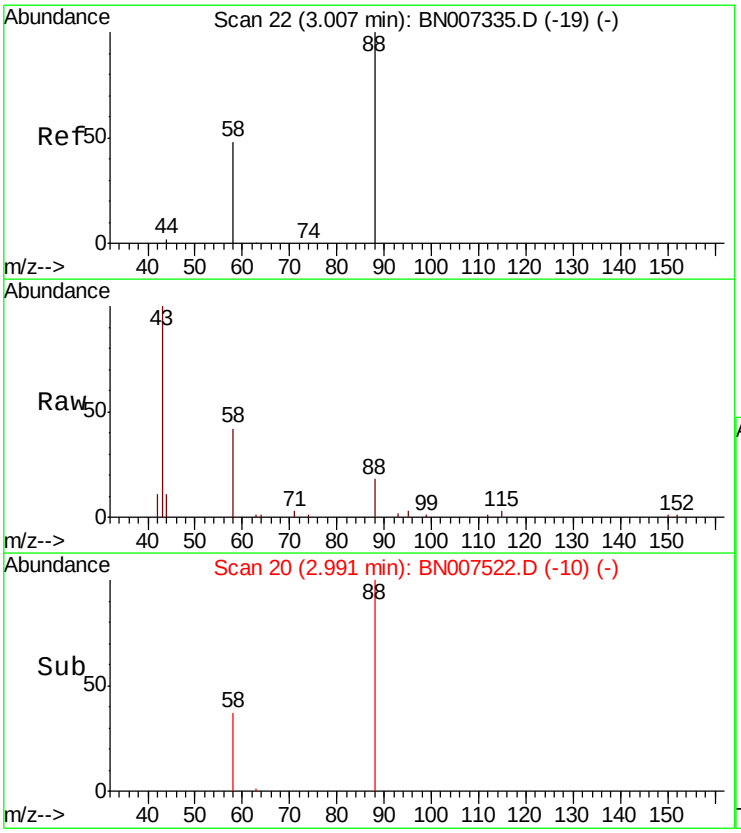
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5854

Ion	Ratio	Lower	Upper
152	100		
150	159.2	109.1	163.7
115	74.9	59.6	89.4

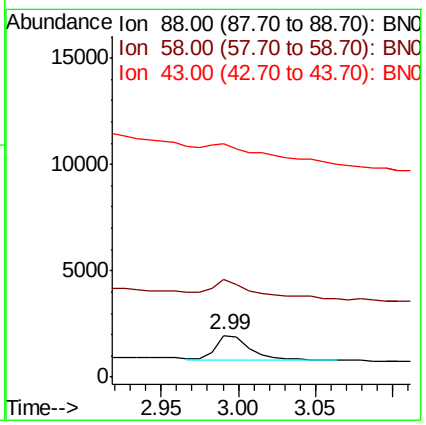


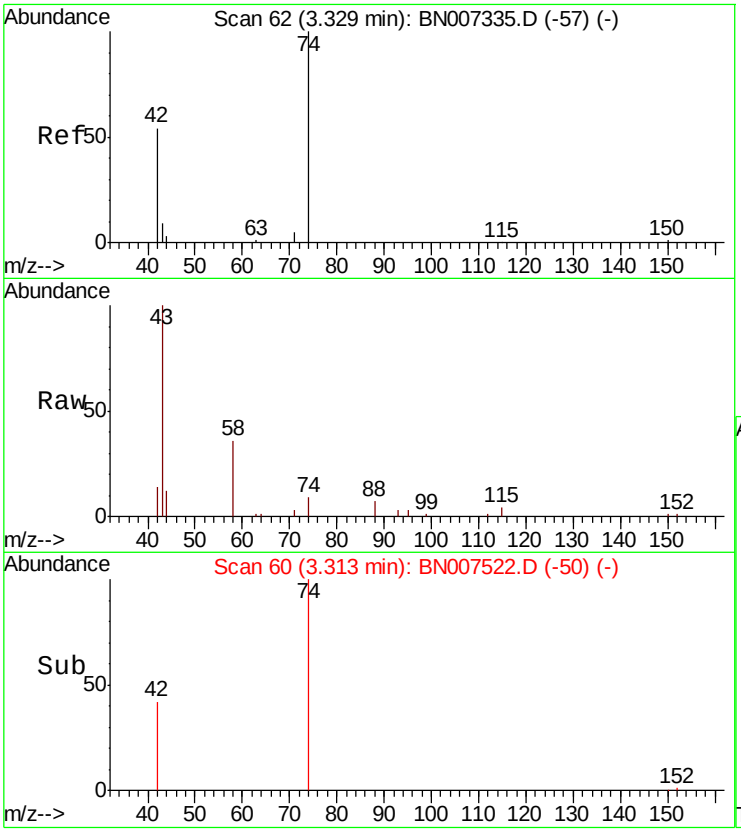


#2
1,4-Dioxane
Concen: 0.196 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion: 88 Resp: 1906

Ion	Ratio	Lower	Upper
88	100		
58	98.2	50.5	75.7#
43	0.0	0.0	0.0



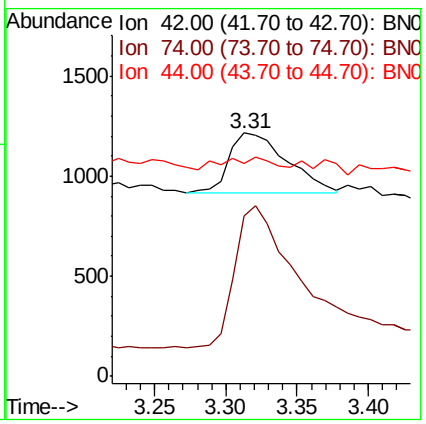


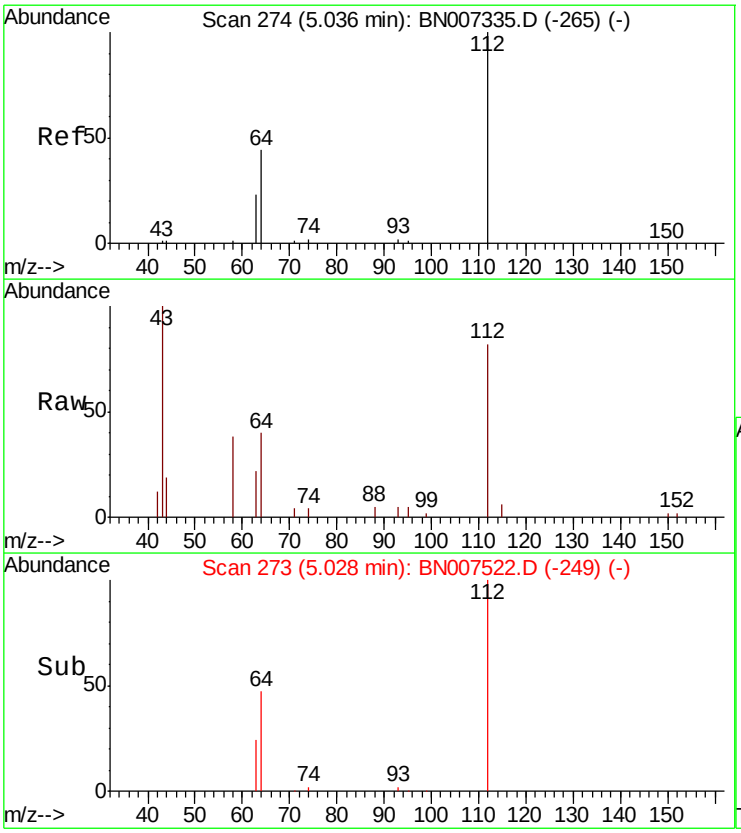
#3
n-Nitrosodimethylamine
Concen: 0.186 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 841

Ion	Ratio	Lower	Upper
42	100		
74	260.0	144.7	217.1#
44	16.1	3.2	4.8#

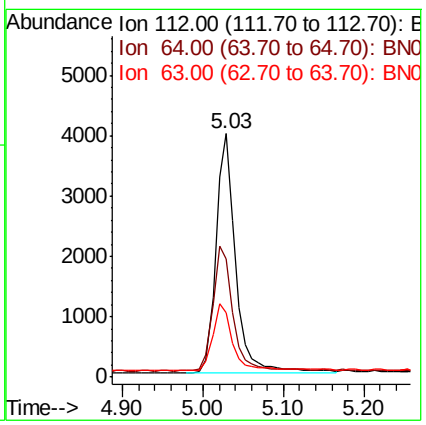


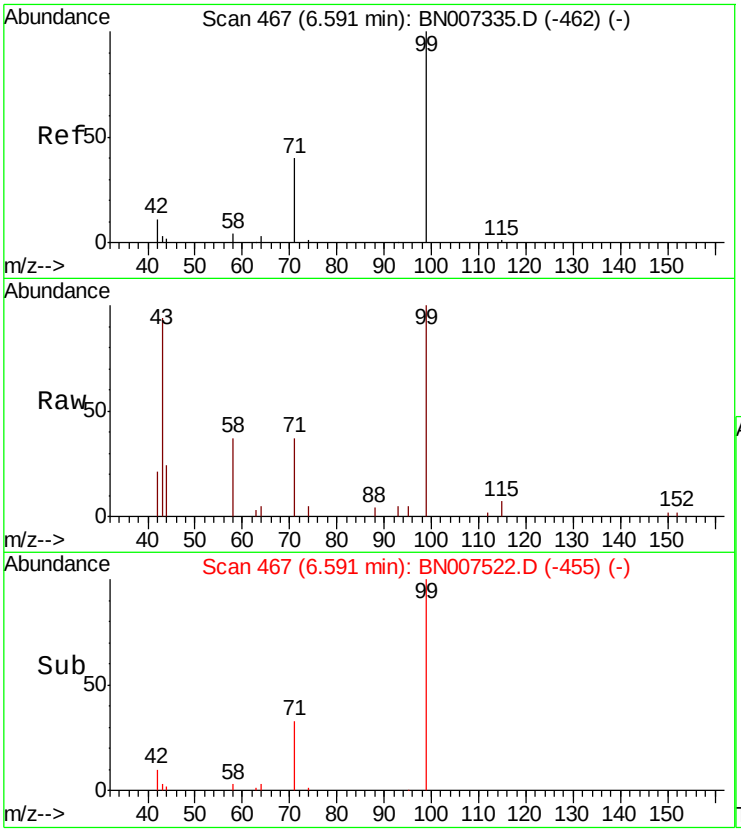


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:112 Resp: 6641

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.3	63.5
63	27.9	23.6	35.4



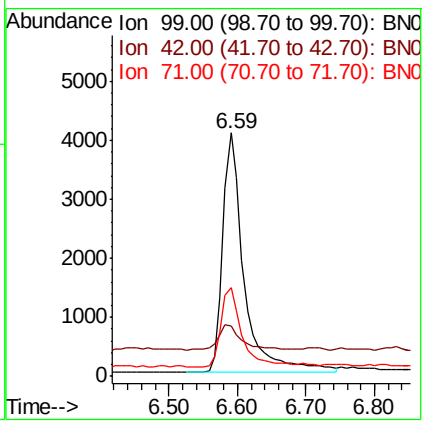


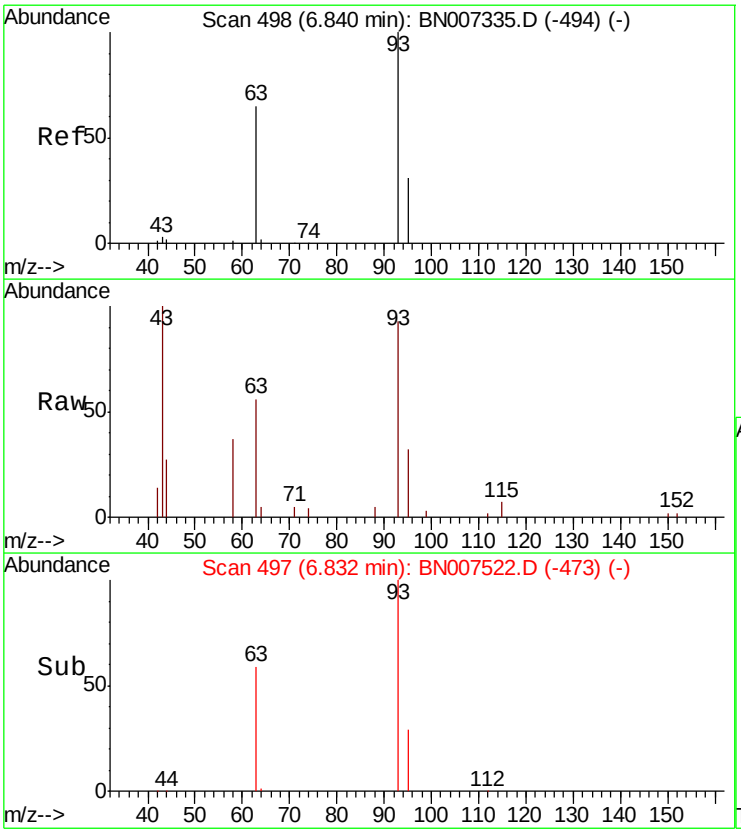
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8710

Ion	Ratio	Lower	Upper
99	100		
42	11.6	11.2	16.8
71	32.1	31.8	47.8

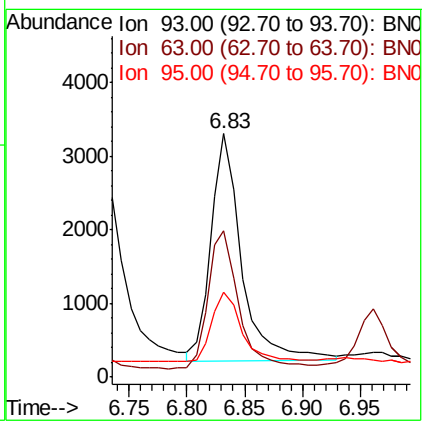


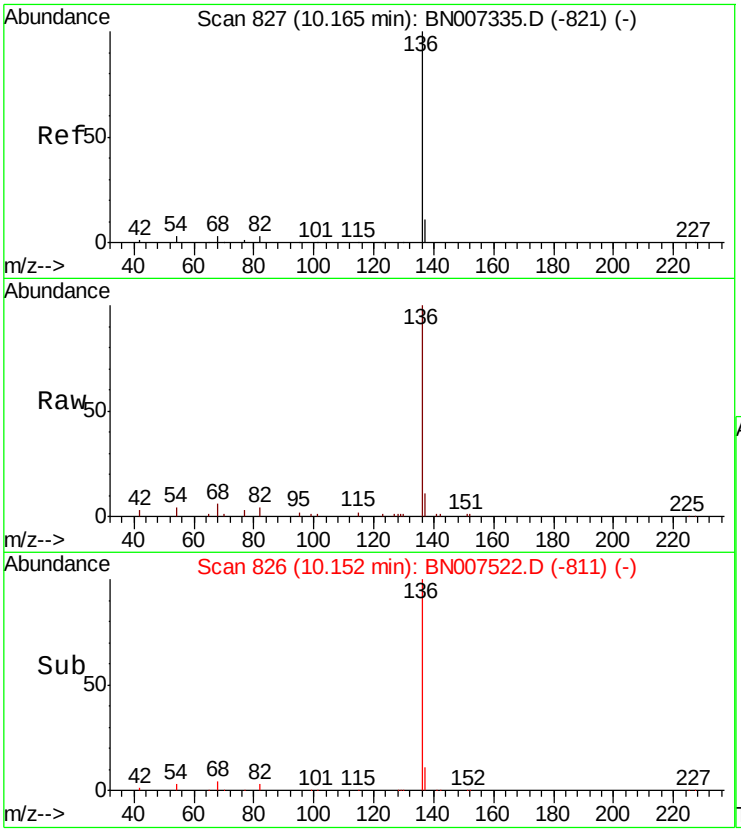


#6
bis(2-Chloroethyl)ether
Concen: 0.268 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion: 93 Resp: 5674

Ion	Ratio	Lower	Upper
93	100		
63	61.5	51.9	77.9
95	30.7	27.7	41.5



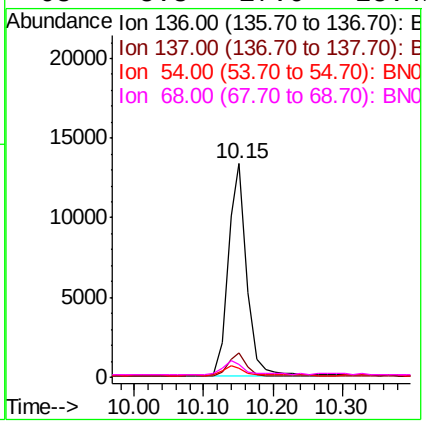


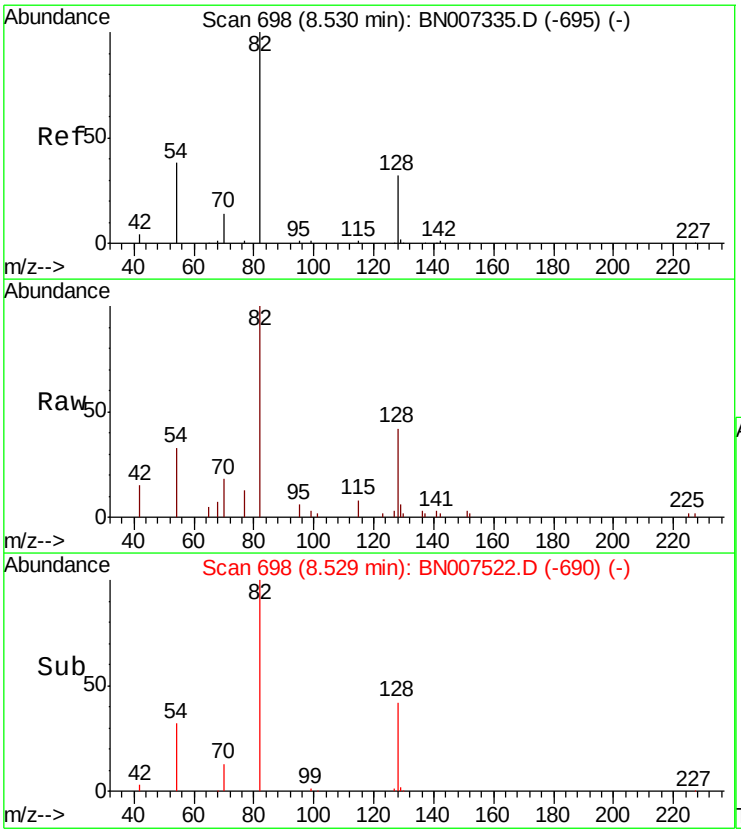
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 25415

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	4.1	8.6	12.8#
68	5.8	17.0	25.4#

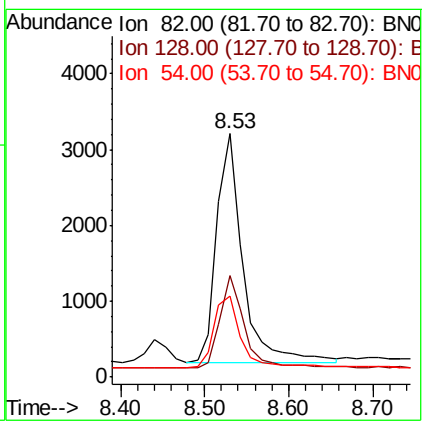


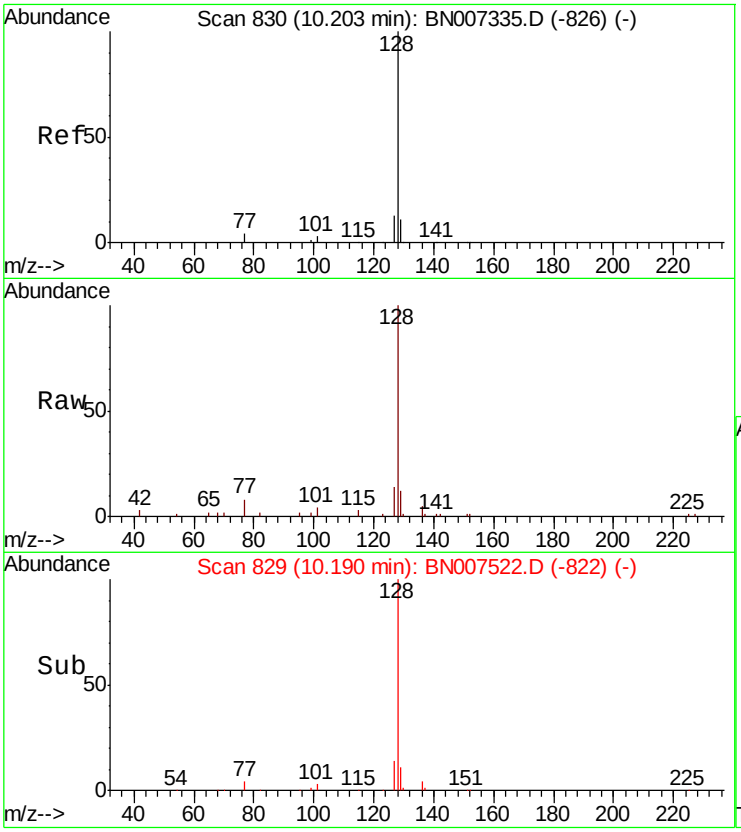


#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion: 82 Resp: 6464

Ion	Ratio	Lower	Upper
82	100		
128	41.5	19.7	29.5#
54	33.1	25.8	38.6



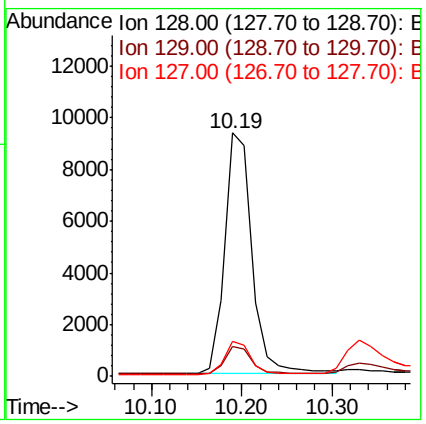


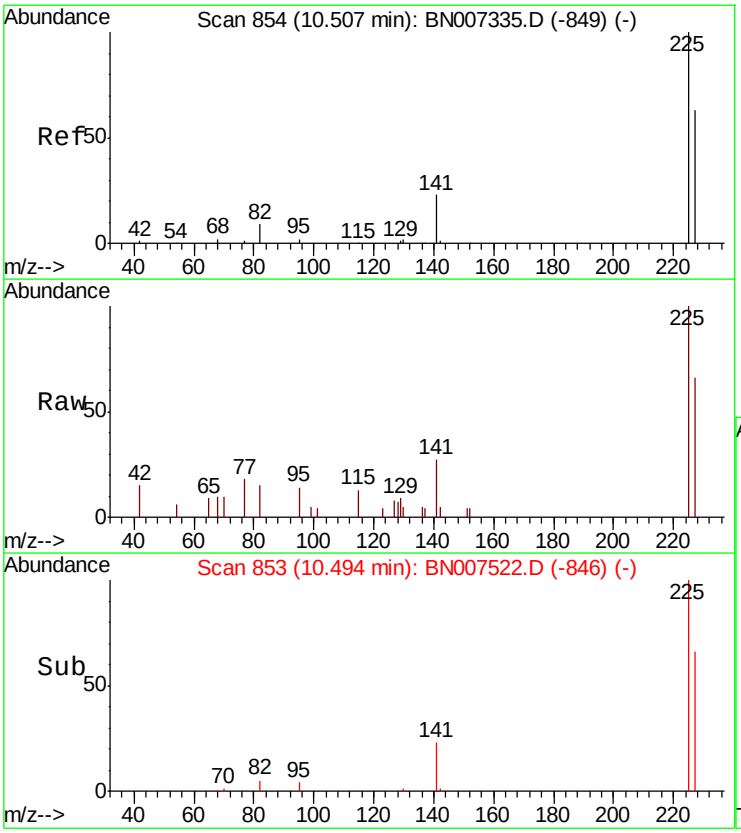
#9
Naphthalene
Concen: 0.266 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19313

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.1	16.7
127	14.1	15.5	23.3#

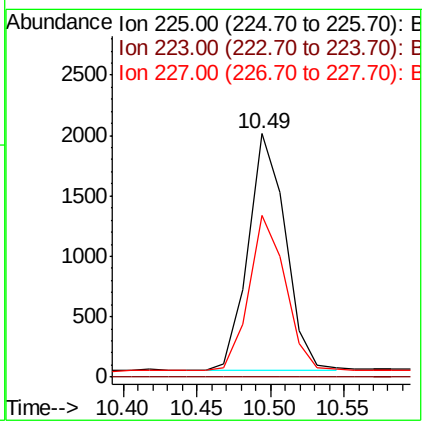


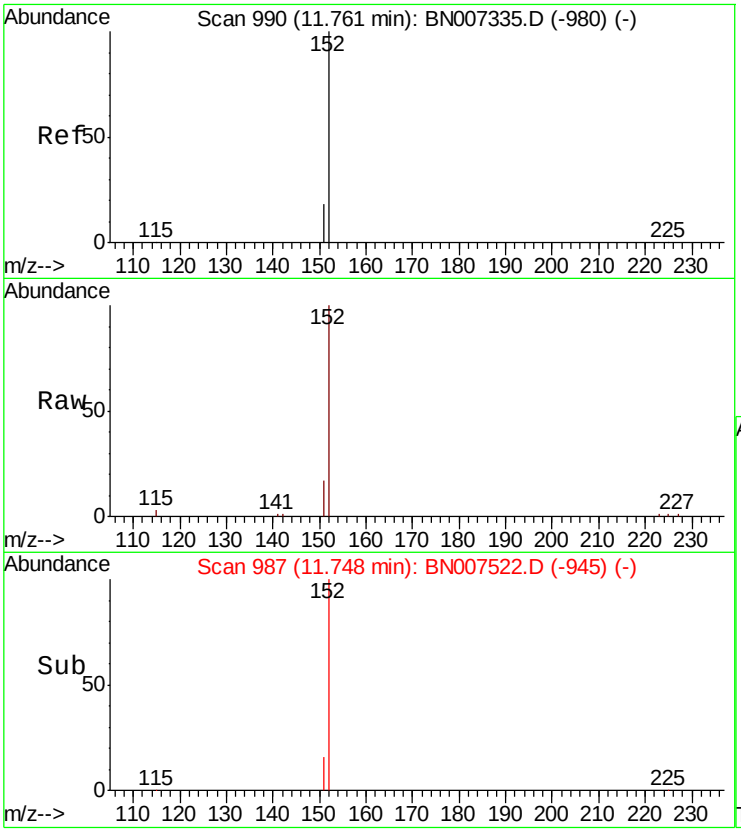


#10
Hexachlorobutadiene
Concen: 0.233 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:225 Resp: 3465

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.7	76.1



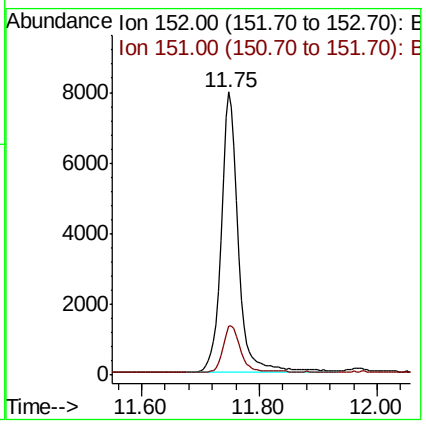


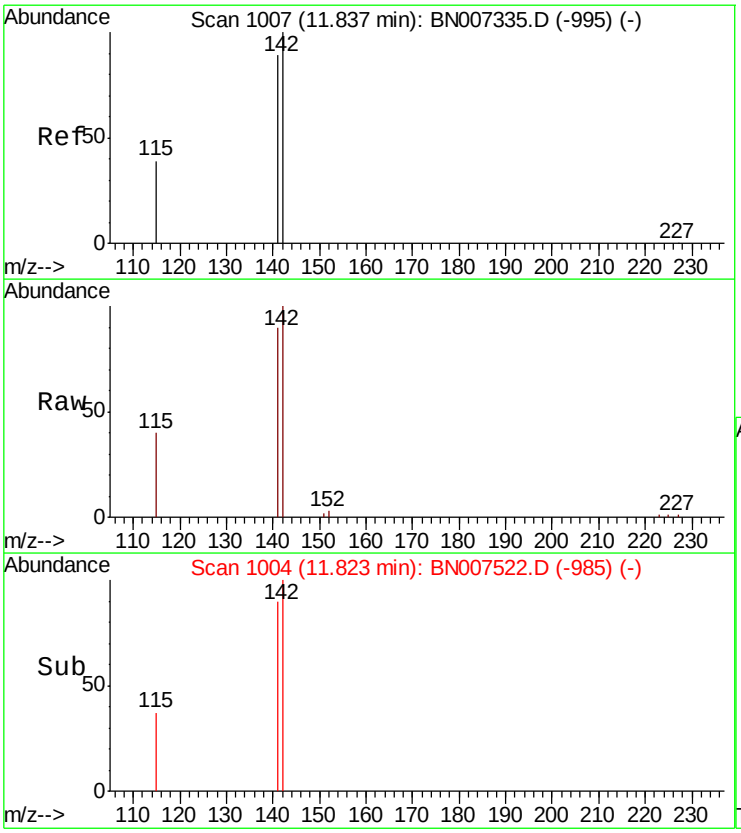
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16353

Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.2	24.2

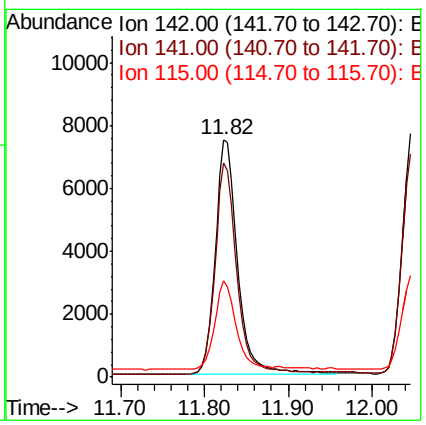


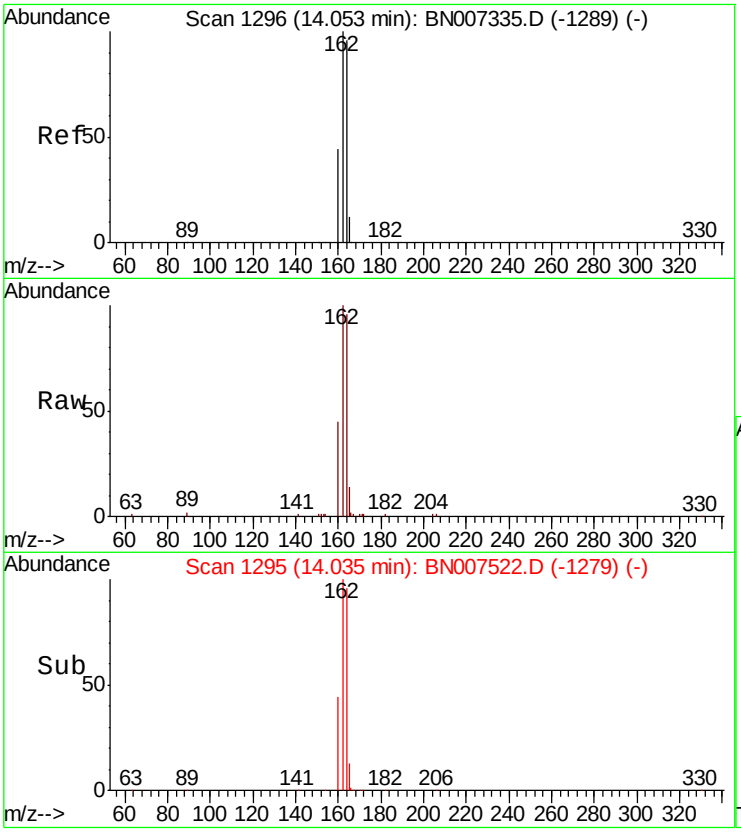


#12
2-Methylnaphthalene
Concen: 0.279 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:142 Resp: 13791

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.8	109.2
115	40.4	35.2	52.8



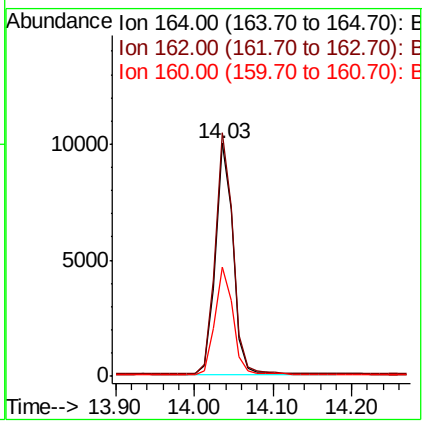


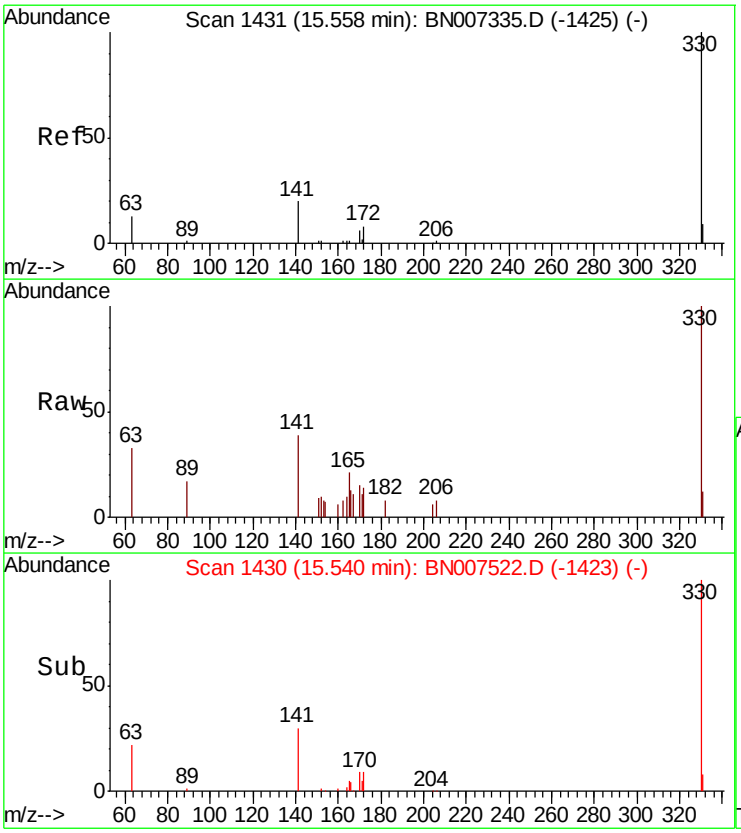
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15563

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	46.7	38.2	57.4

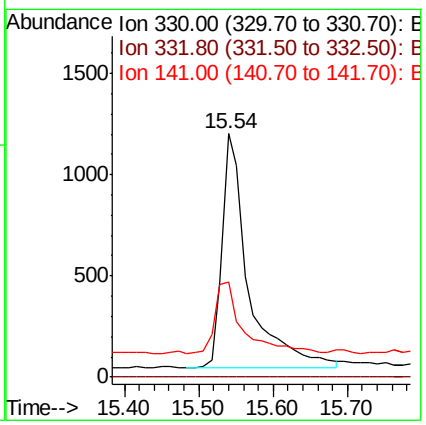


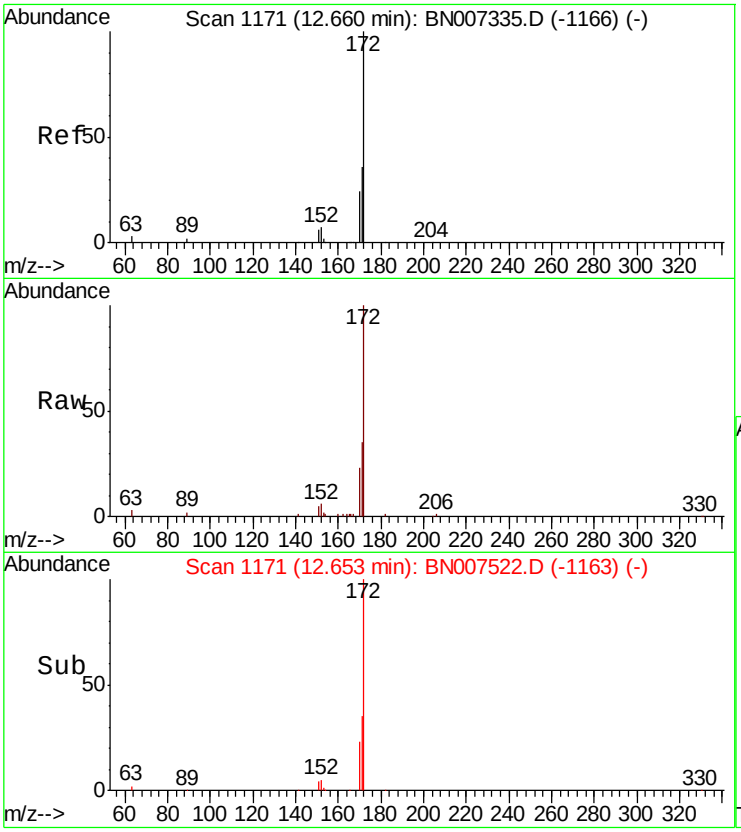


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:330 Resp: 2850

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	26.9	40.3



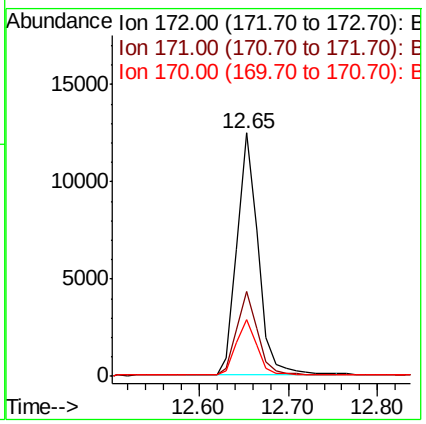


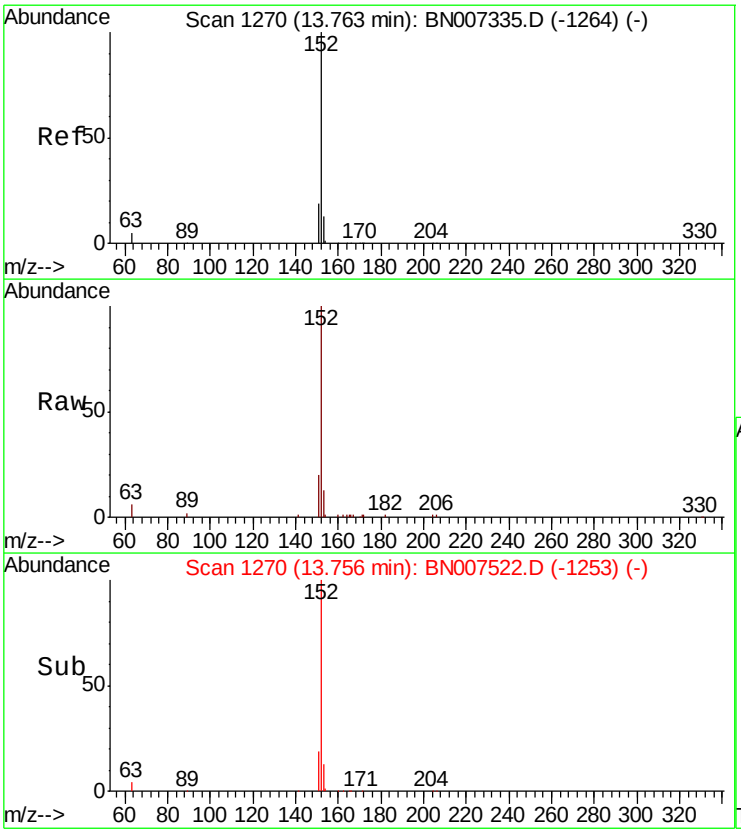
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 20612

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.3	45.5
170	23.2	20.7	31.1

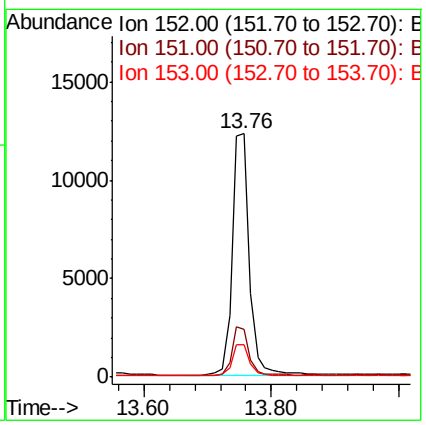


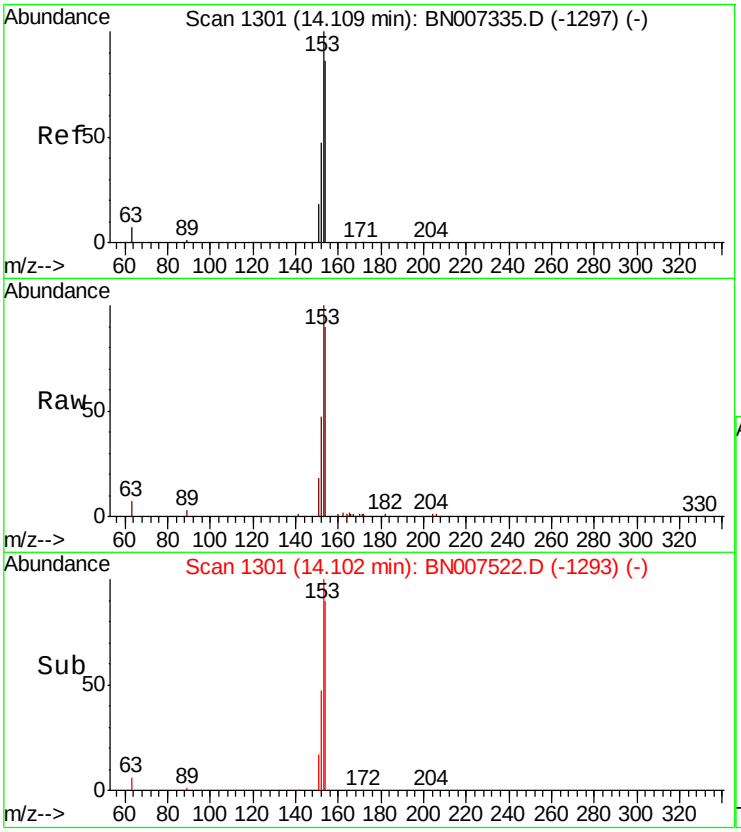


#16
Acenaphthylene
Concen: 0.249 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:152 Resp: 22930

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.0	10.6	15.8



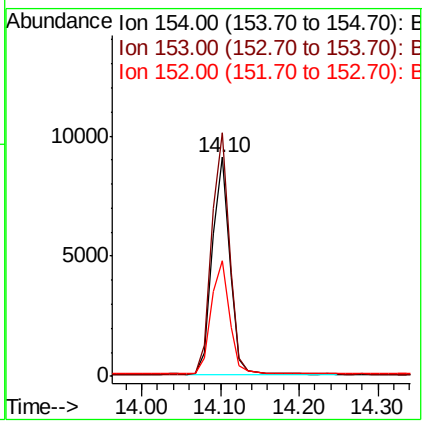


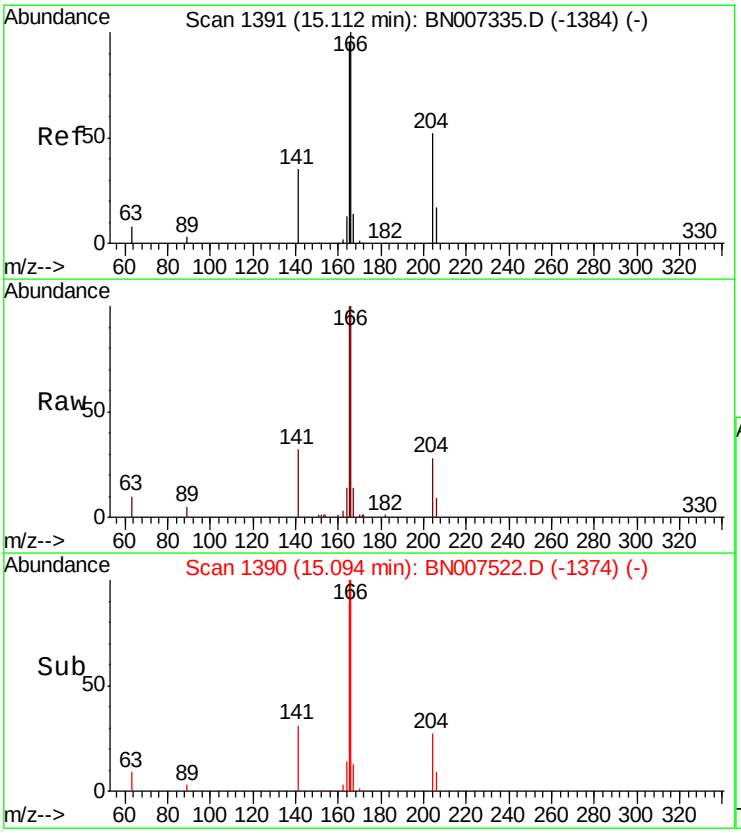
#17
Acenaphthene
Concen: 0.260 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13981

Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.8	139.2
152	54.1	43.8	65.8

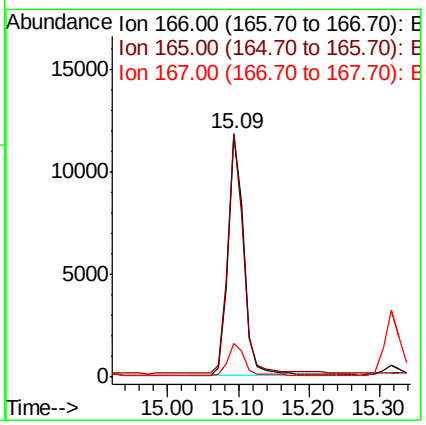


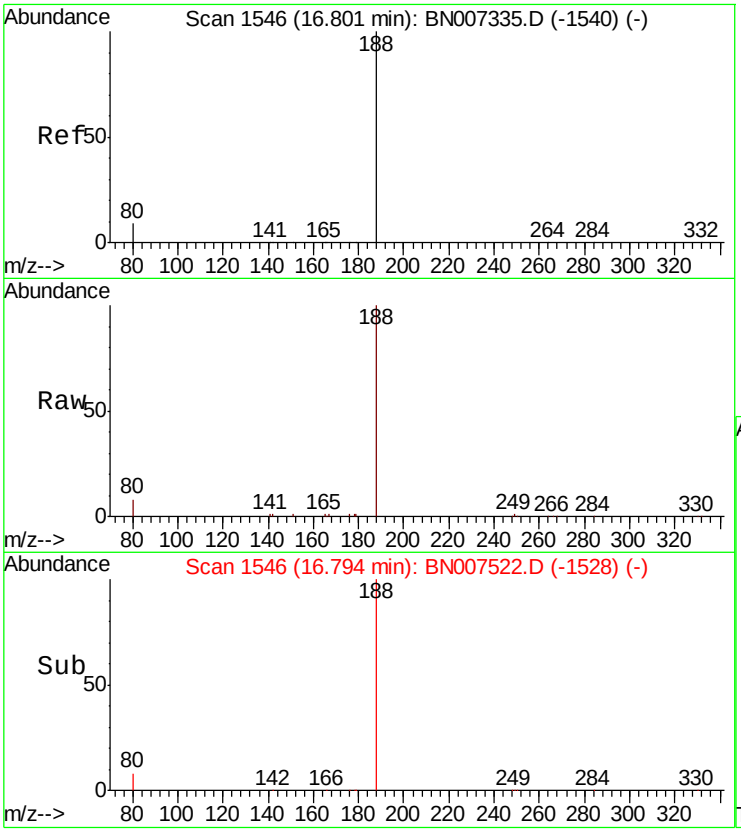


#18
Fluorene
Concen: 0.273 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:166 Resp: 18582

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.4	10.6	15.8



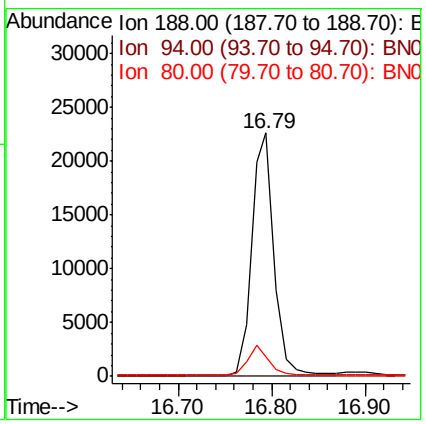


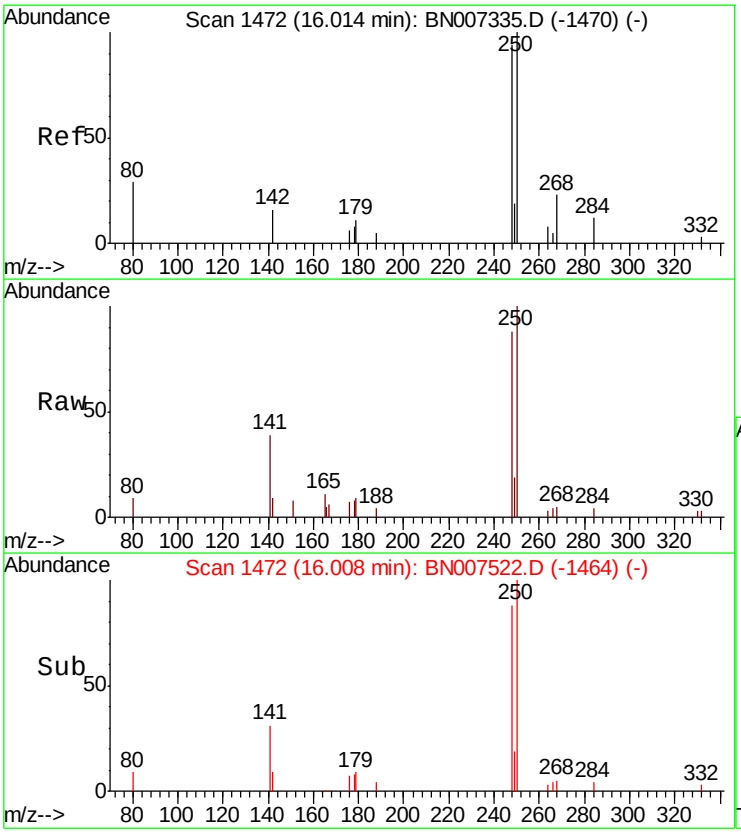
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 37241

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	11.8	17.8#

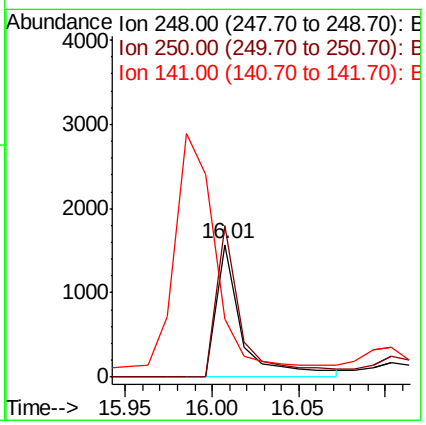


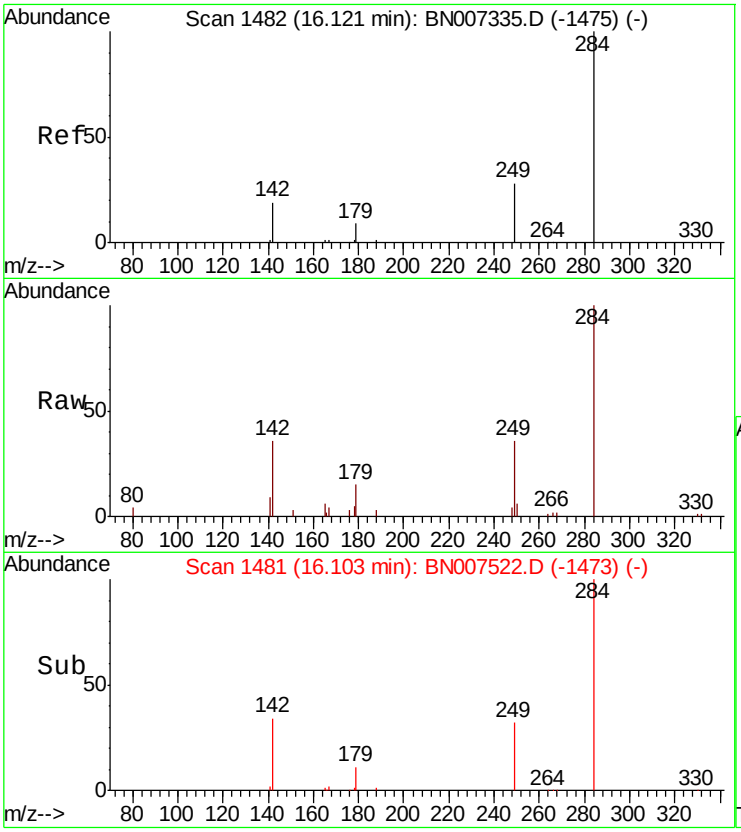


#20
4-Bromophenyl-phenylether
Concen: 0.109 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:248 Resp: 1596

Ion	Ratio	Lower	Upper
248	100		
250	113.7	85.0	127.6
141	43.9	51.7	77.5#



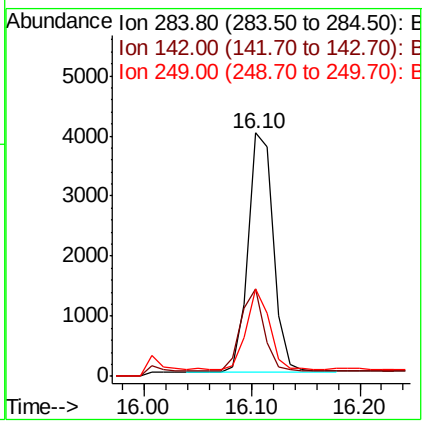


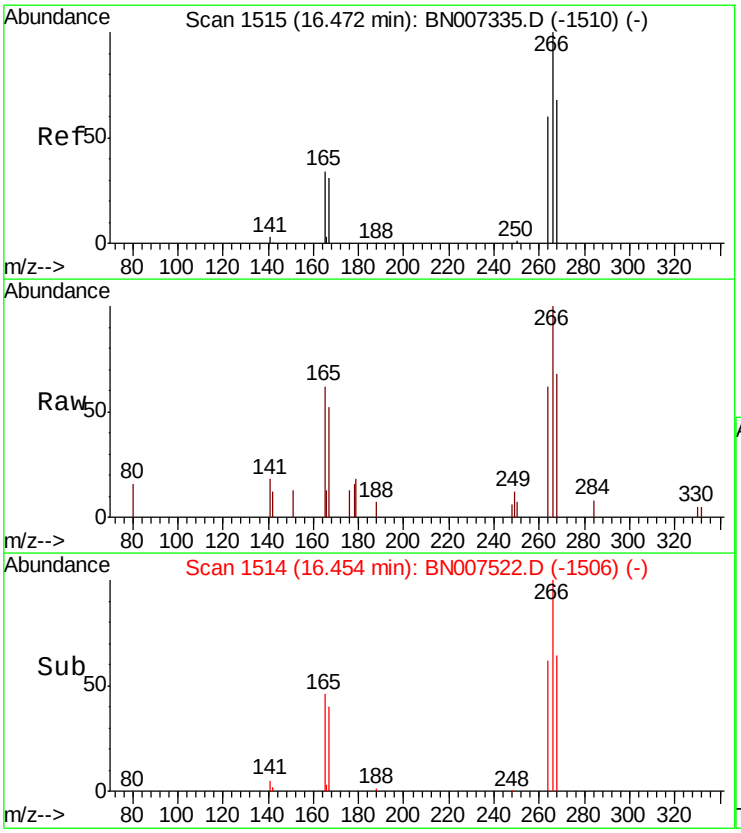
#21
Hexachlorobenzene
Concen: 0.258 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6431

Ion	Ratio	Lower	Upper
284	100		
142	31.8	29.0	43.6
249	30.4	24.9	37.3

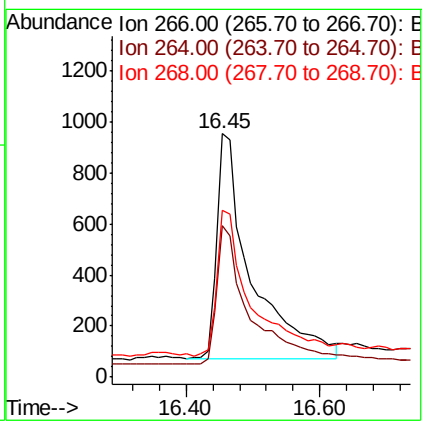


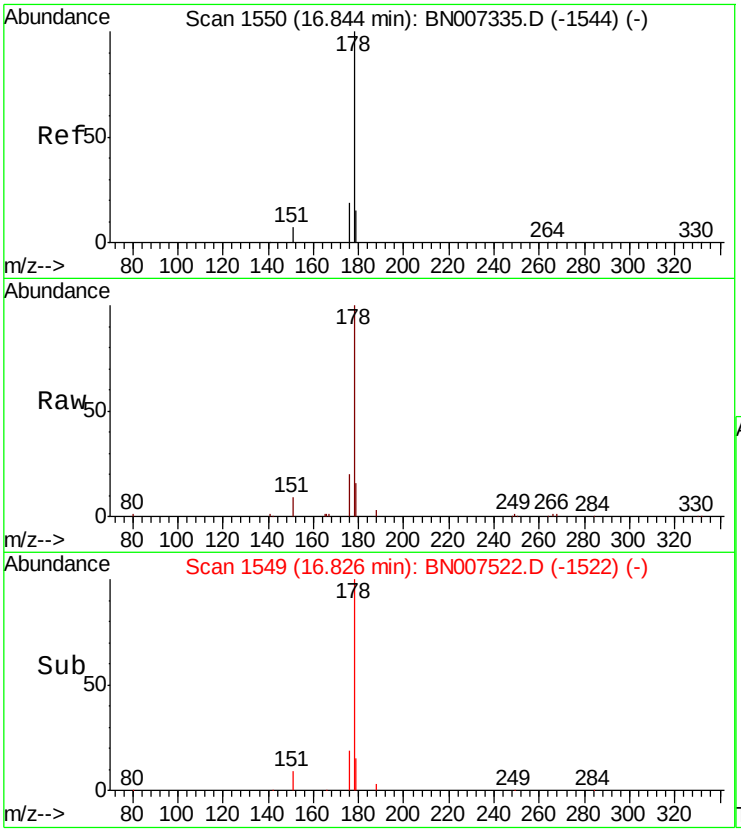


#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:266 Resp: 3115

Ion	Ratio	Lower	Upper
266	100		
264	62.1	57.8	86.8
268	68.5	99.7	149.5#



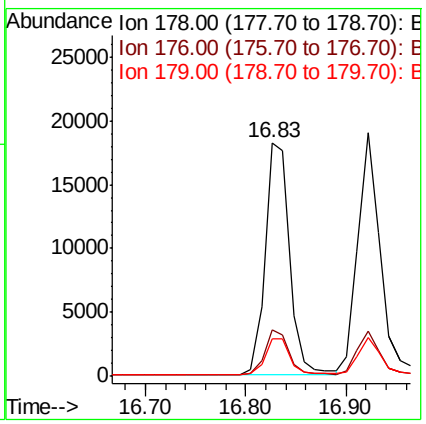


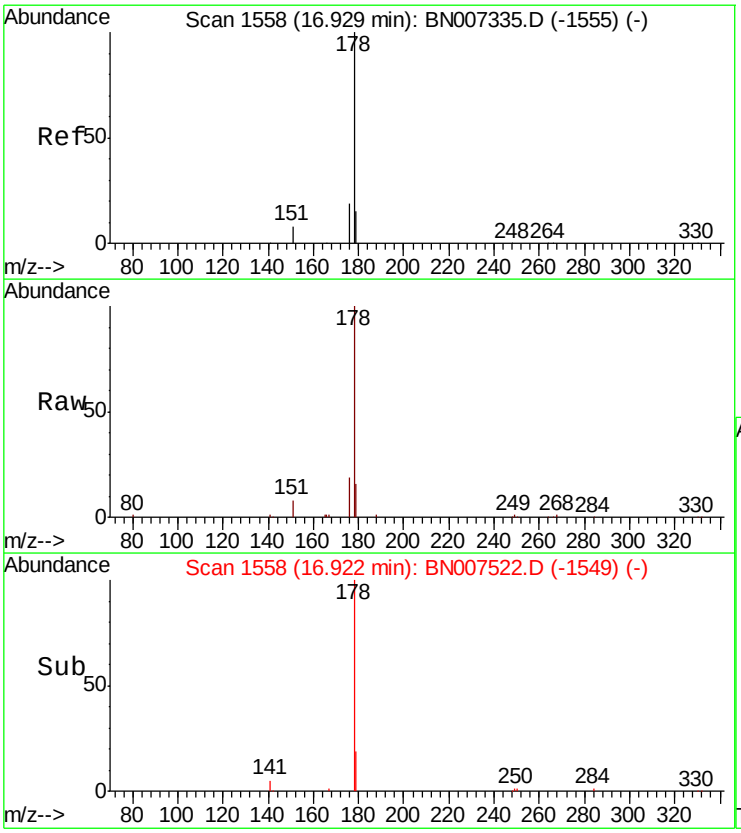
#23
Phenanthrene
Concen: 0.273 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30623

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.6	19.0

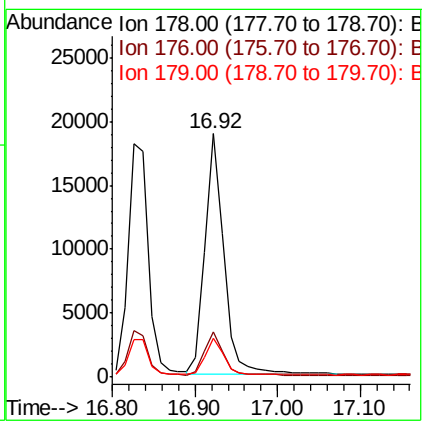


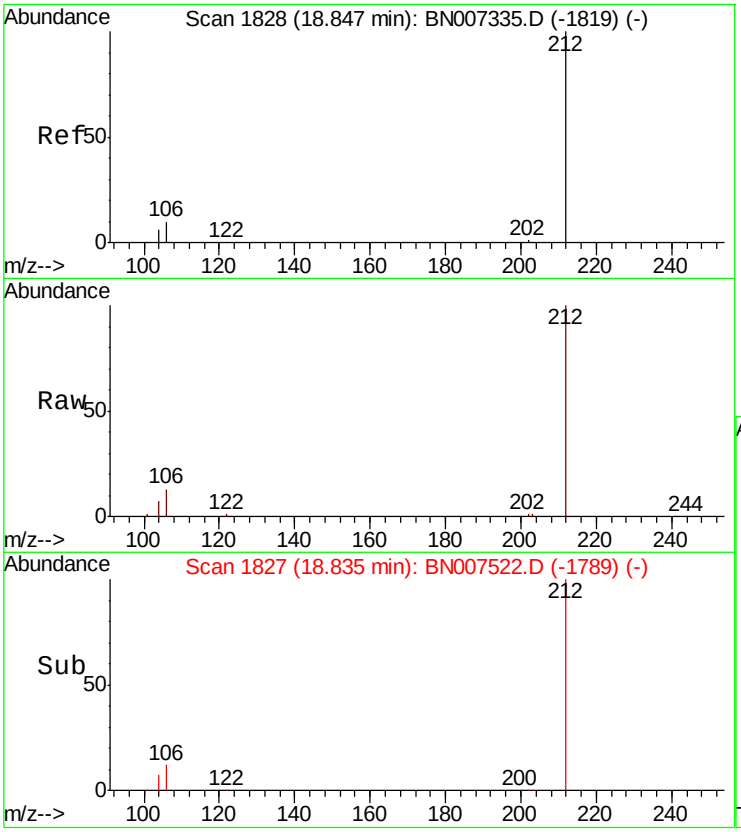


#24
Anthracene
Concen: 0.261 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:178 Resp: 29374

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.5	12.4	18.6



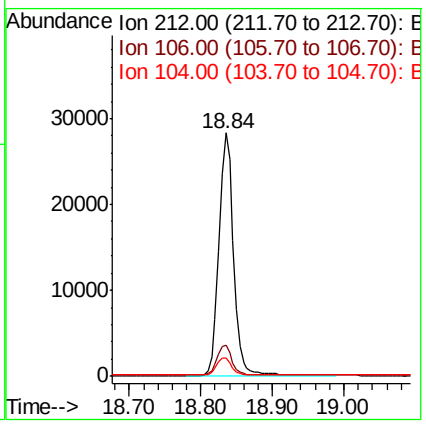


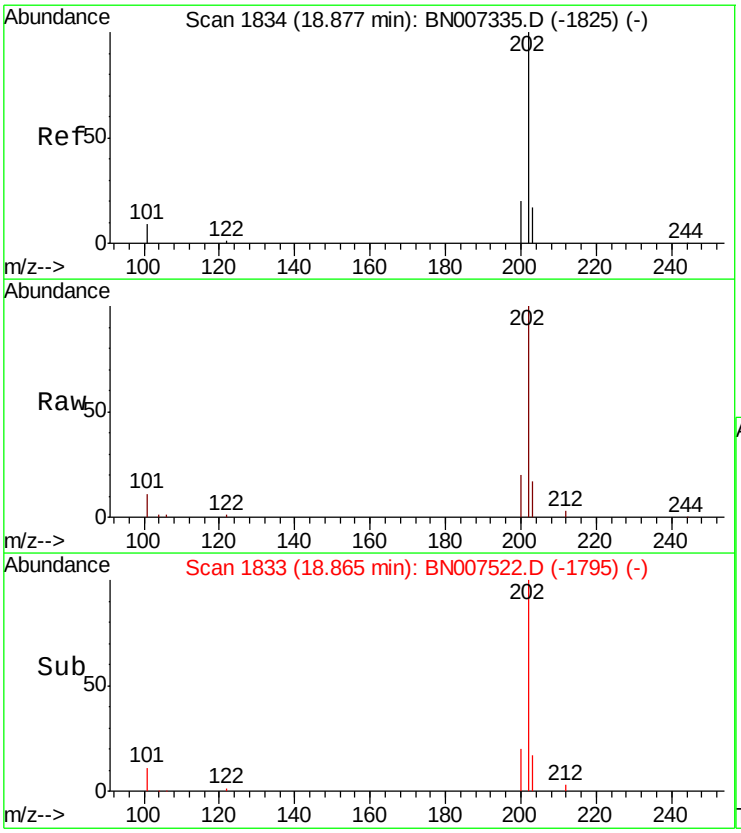
#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 40066

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.0	13.4
104	7.0	5.4	8.2

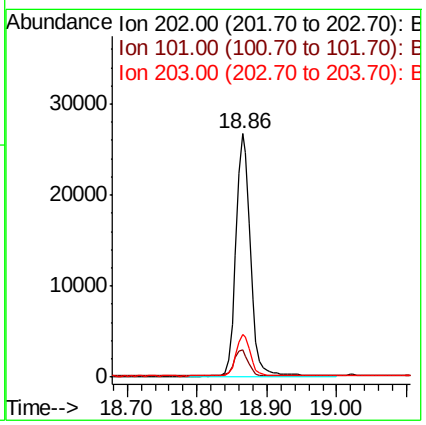


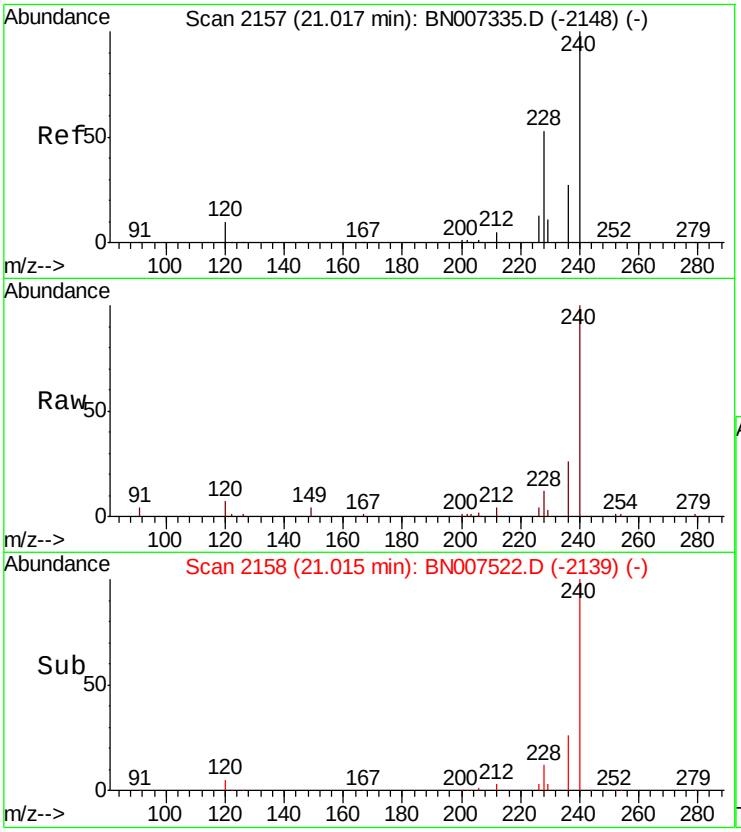


#26
Fluoranthene
Concen: 0.272 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:202 Resp: 39068

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.7	11.5
203	16.8	13.7	20.5



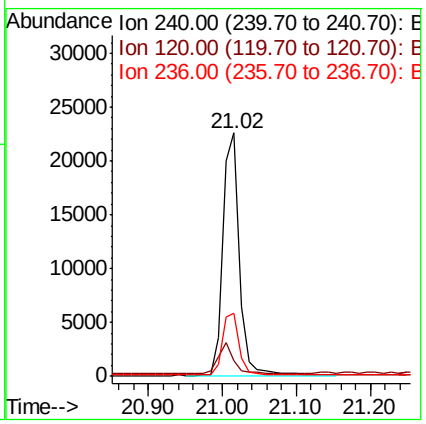


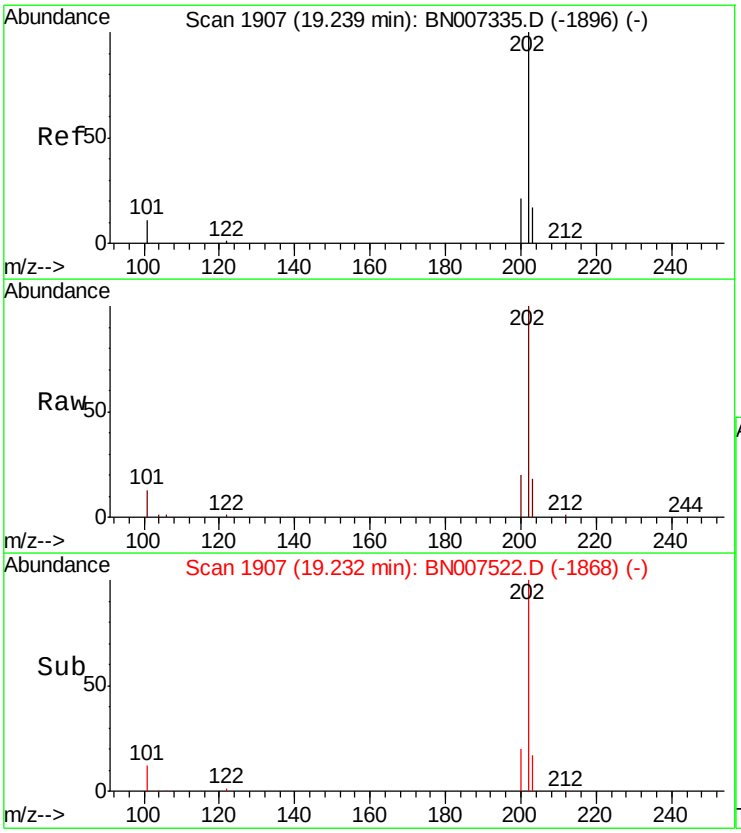
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 35640

Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.6	14.4#
236	26.2	22.2	33.2

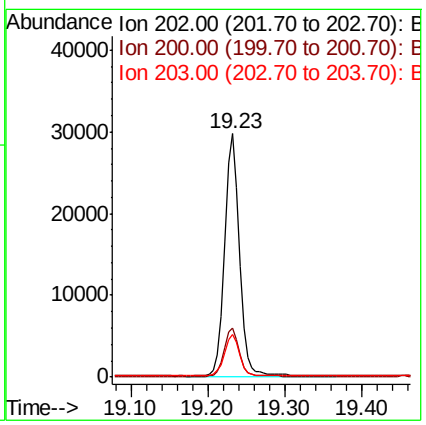


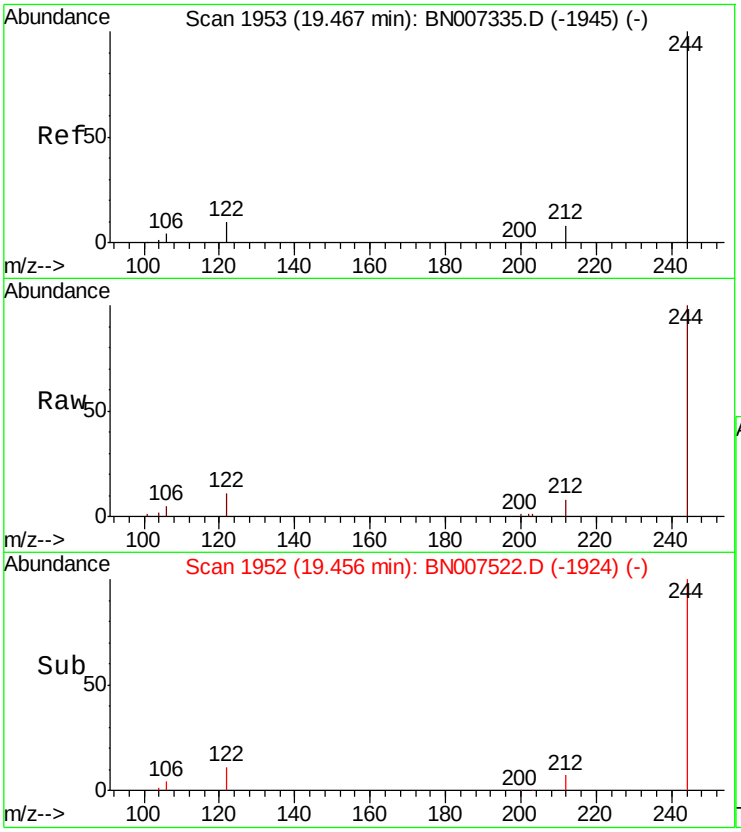


#28
Pyrene
Concen: 0.276 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:202 Resp: 39636

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	18.0	14.2	21.4



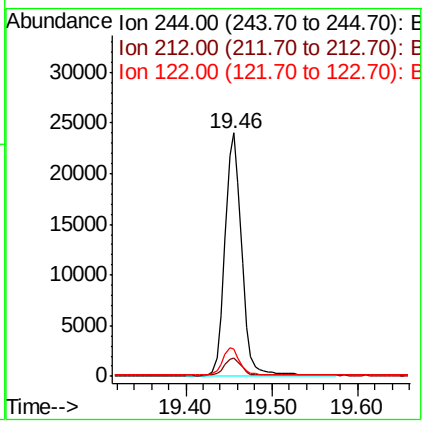


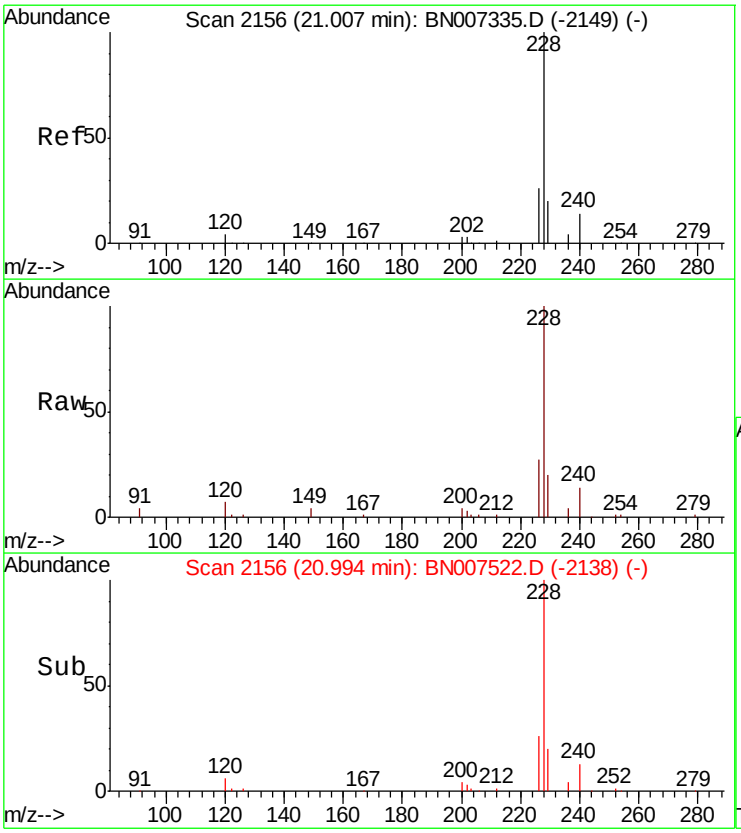
#29
Terphenyl-d14
Concen: 0.347 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 32382

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.6
122	11.1	9.6	14.4

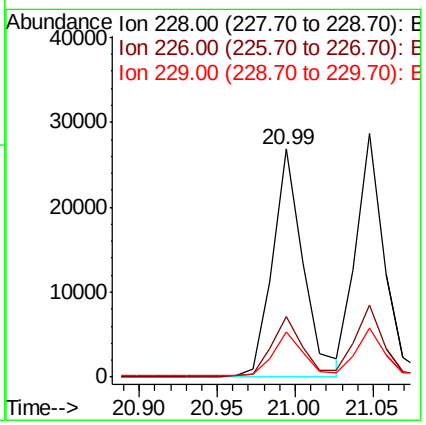


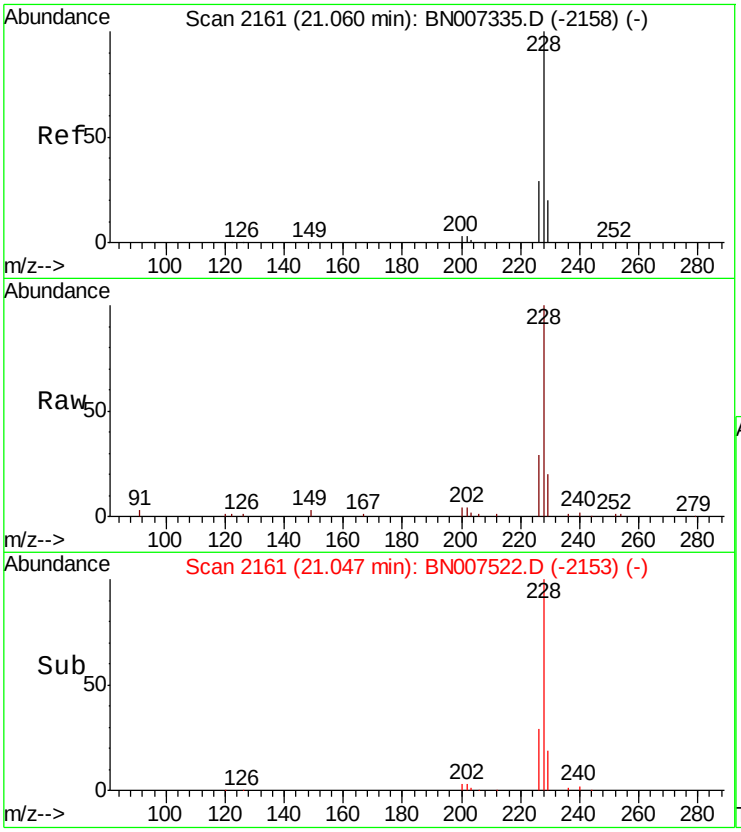


#30
Benzo(a)anthracene
Concen: 0.257 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:228 Resp: 36038

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	20.0	16.1	24.1



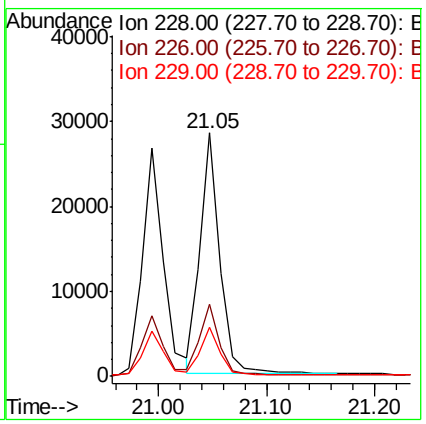


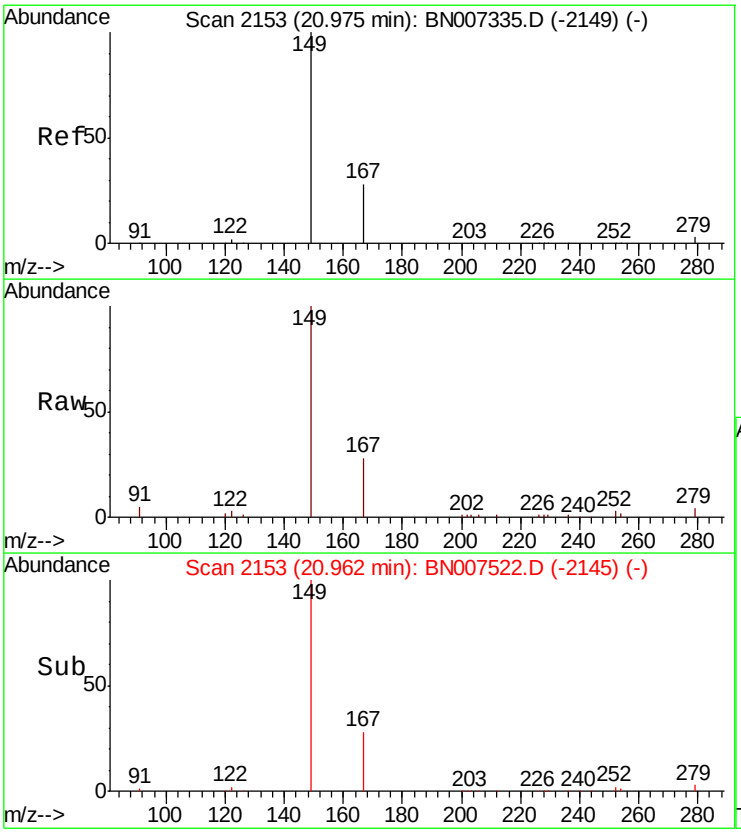
#31
Chrysene
Concen: 0.265 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35819

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.0	16.6	24.8

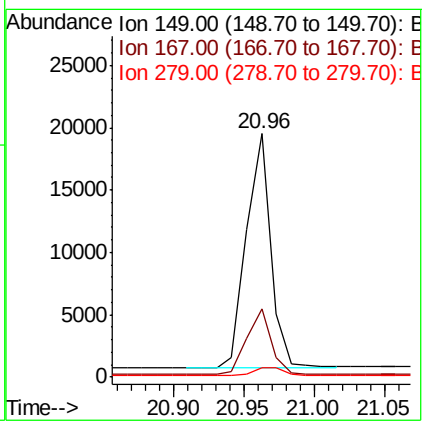


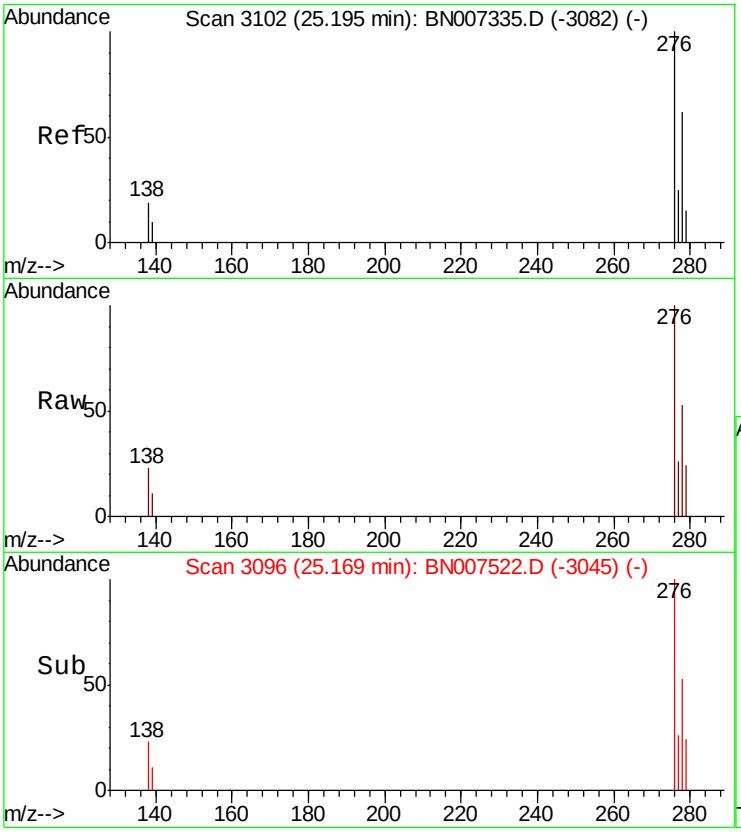


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.234 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:149 Resp: 22909

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	4.3	3.5	5.3



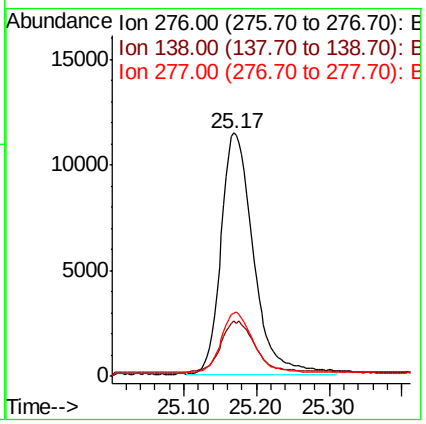


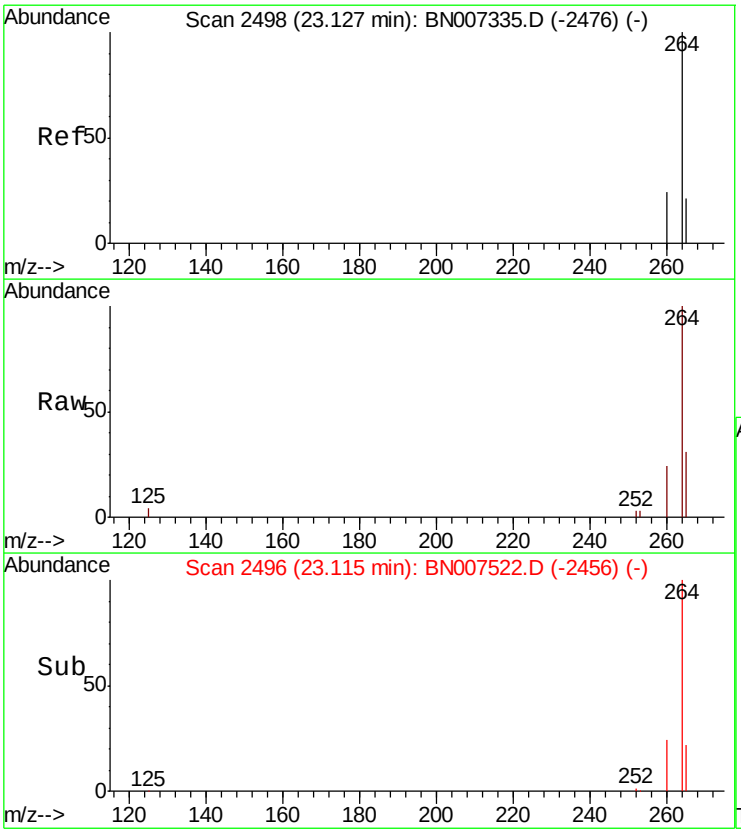
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 35276

Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.1	22.7
277	24.2	19.7	29.5

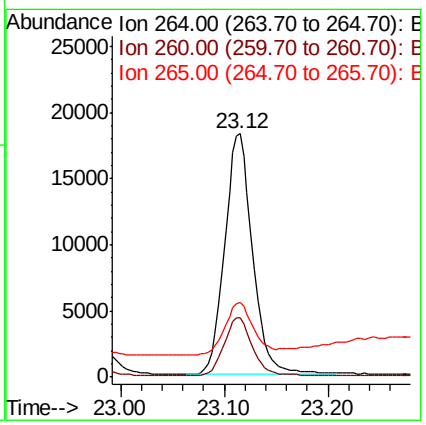


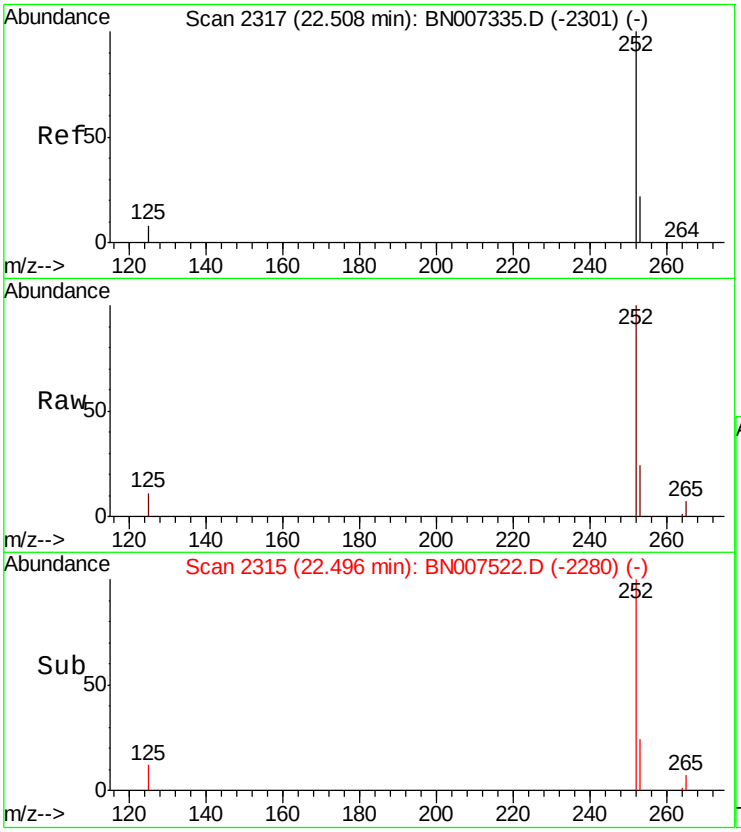


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:264 Resp: 33881

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	30.7	29.9	44.9



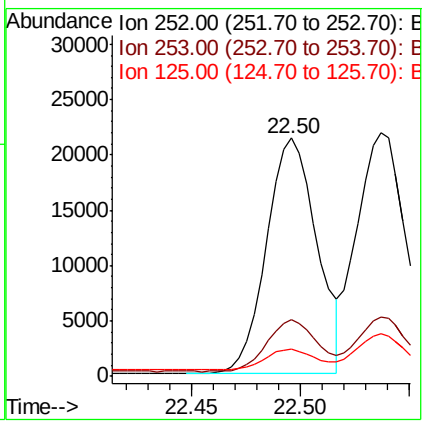


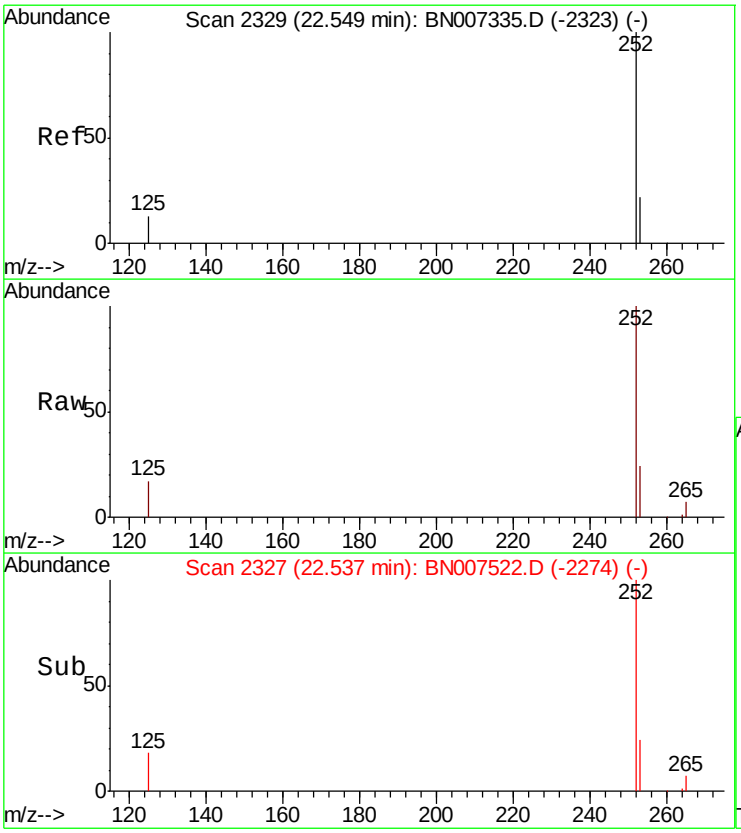
#35
Benzo(b)fluoranthene
Concen: 0.277 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 34042

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	11.4	10.6	16.0

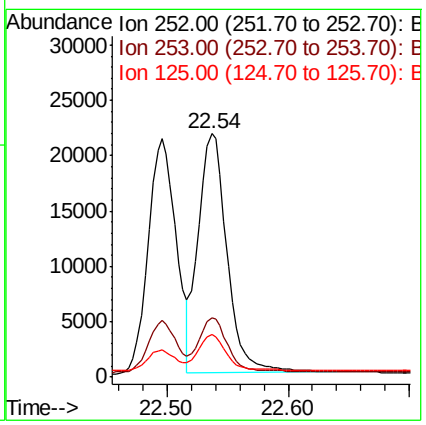


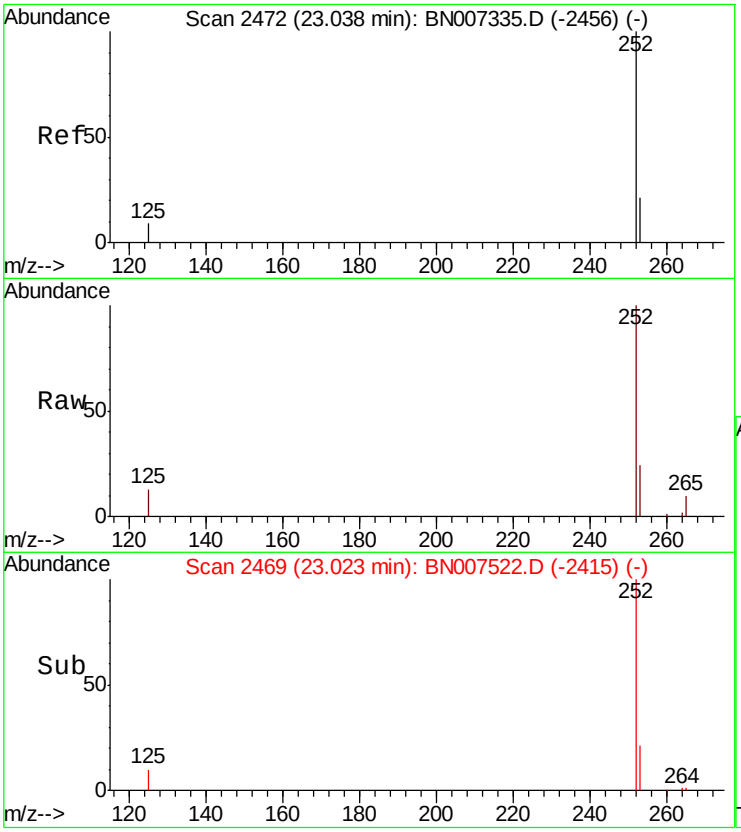


#36
Benzo(k)fluoranthene
Concen: 0.295 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:252 Resp: 35741

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	17.4	13.1	19.7



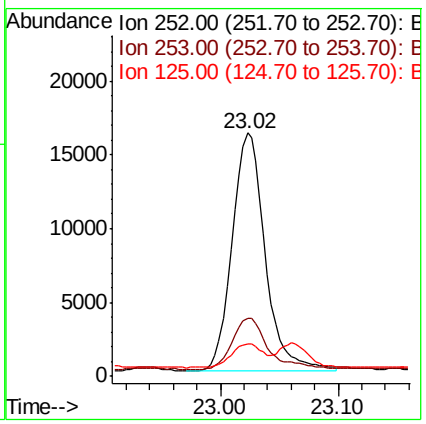


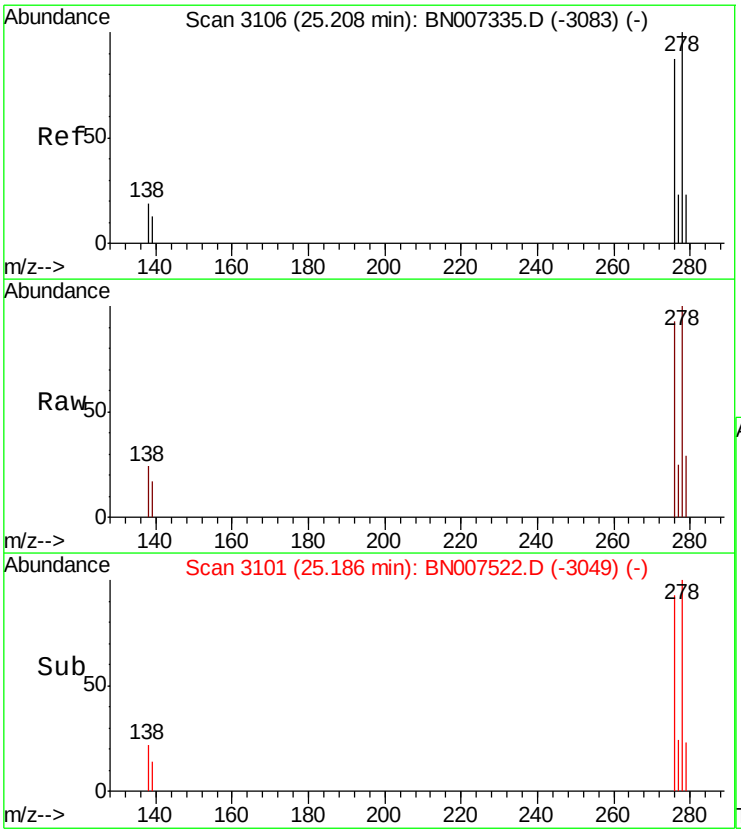
#37
Benzo(a)pyrene
Concen: 0.270 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31586

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	13.5	12.1	18.1

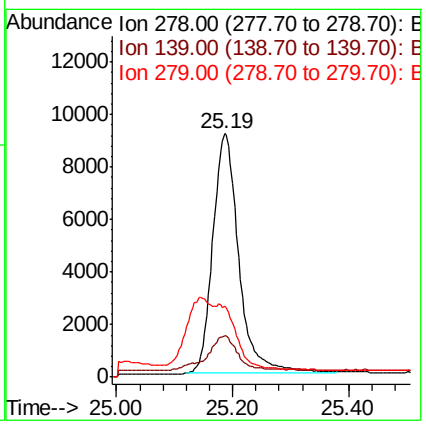


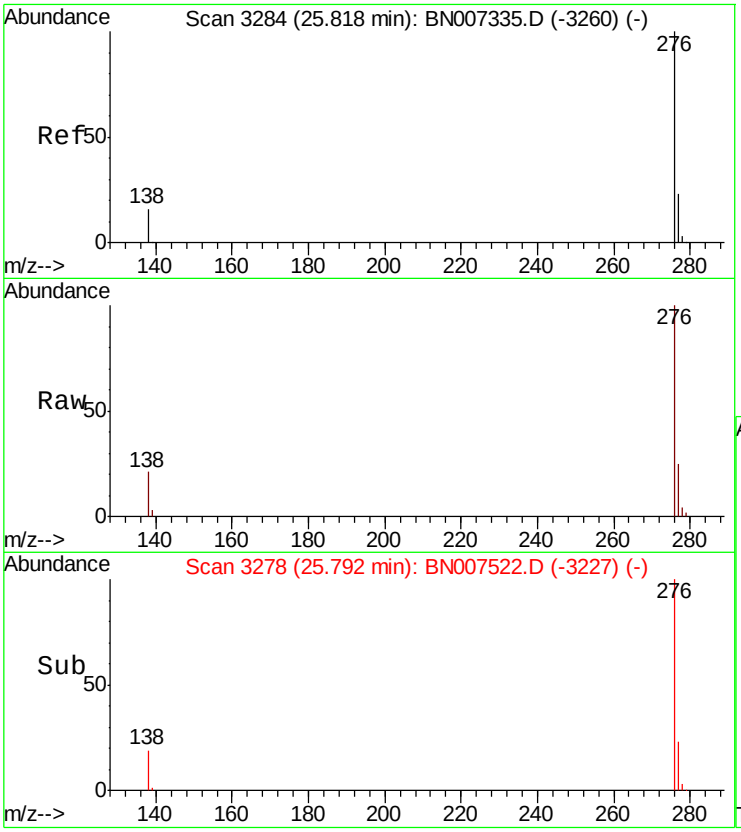


#38
Dibenzo(a,h)anthracene
Concen: 0.245 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Tgt Ion:278 Resp: 28520

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	29.0	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.255 ng
RT: 25.79 min Scan# 3278
Delta R.T. -0.03 min
Lab File: BN007522.D
Acq: 30 Aug 2019 14:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 29647

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	20.8	16.3	24.5