Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007410.D
Acq On : 26 Aug 2019 15:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:47 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	4146	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	17268	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	9939	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	24396	0.40	ng		0.00
27) Chrysene-d12	21.02	240	25010	0.40	ng		0.00
34) Perylene-d12	23.13	264	28167	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5005	0.34	ng		0.00
5) Phenol-d6	6.59	99	5968	0.32	ng		0.00
8) Nitrobenzene-d5	8.53	82	5528	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	11045	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2167	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	14627	0.36	ng		0.00
25) Fluoranthene-d10	18.84	212	30049	0.38	ng		0.00
29) Terphenyl-d14	19.46	244	25402	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	2821	0.410	ng	#	73
3) n-Nitrosodimethylamine	3.32	42	1115	0.348	ng		92
6) bis(2-Chloroethyl)ether	6.84	93	5672	0.379	ng		96
9) Naphthalene	10.20	128	18872	0.382	ng	#	90
10) Hexachlorobutadiene	10.51	225	3740	0.370	ng	#	99
12) 2-Methylnaphthalene	11.83	142	12857	0.383	ng		96
16) Acenaphthylene	13.76	152	20570	0.350	ng		99
17) Acenaphthene	14.10	154	12793	0.372	ng		99
18) Fluorene	15.10	166	17017	0.391	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	3337	0.347	ng		94
21) Hexachlorobenzene	16.11	284	6340	0.388	ng		96
22) Pentachlorophenol	16.46	266	1950	0.384	ng	#	63
23) Phenanthrene	16.84	178	28508	0.388	ng		99
24) Anthracene	16.93	178	26526	0.359	ng		99
26) Fluoranthene	18.87	202	36828	0.391	ng		100
28) Pyrene	19.24	202	38286	0.381	ng		99
30) Benzo(a)anthracene	21.00	228	37010	0.377	ng		100
31) Chrysene	21.06	228	38380	0.405	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	23001	0.343	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	48042	0.421	ng		97
35) Benzo(b)fluoranthene	22.51	252	38615	0.378	ng	#	96
36) Benzo(k)fluoranthene	22.55	252	41426	0.411	ng	#	94
37) Benzo(a)pyrene	23.04	252	37686	0.388	ng	#	96
38) Dibenzo(a,h)anthracene	25.21	278	38792	0.400	ng		97
39) Benzo(g,h,i)perylene	25.82	276	39810	0.412	ng		97

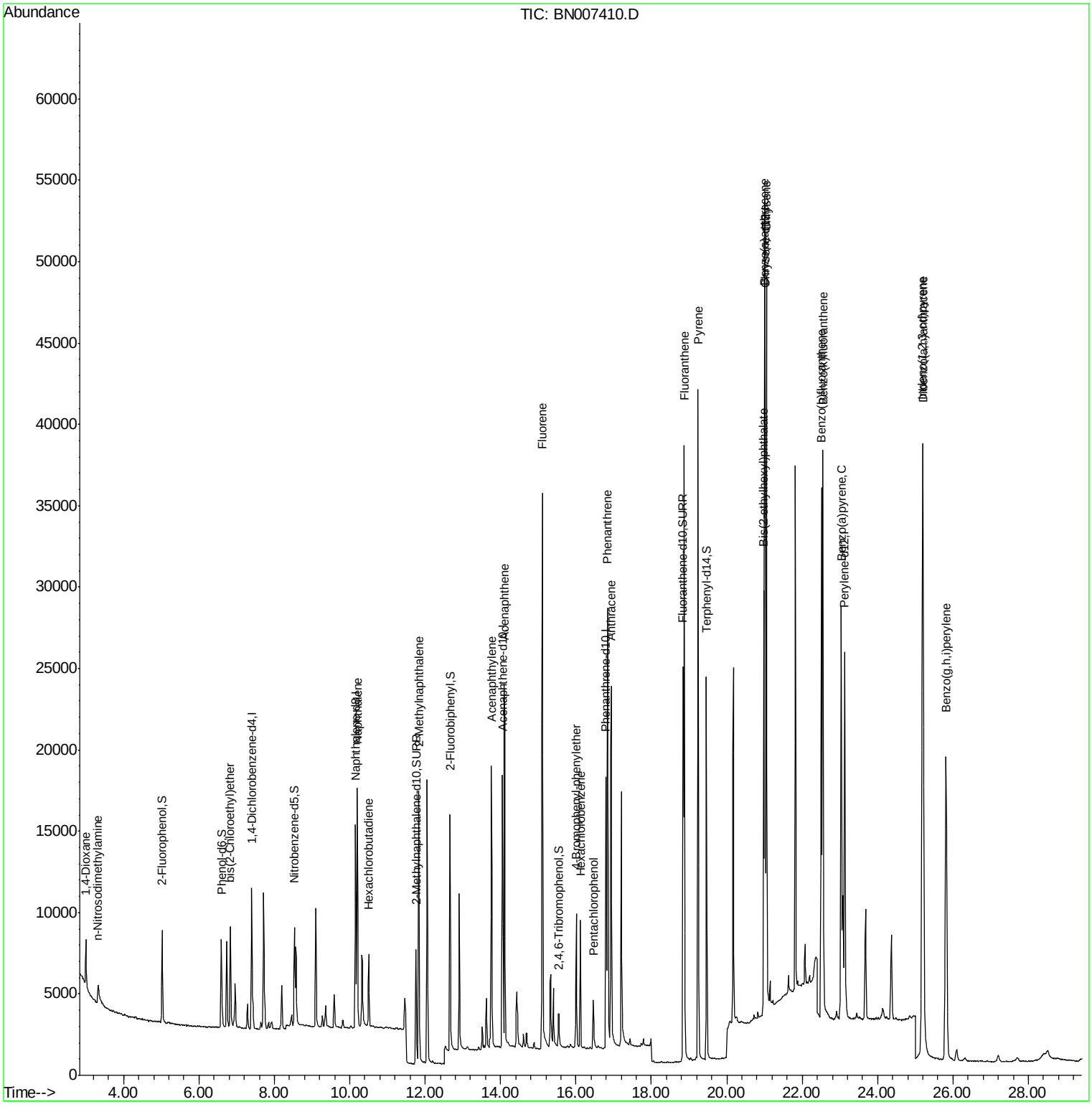
(#) = qualifier out of range (m) = manual integration (+) = signals summed

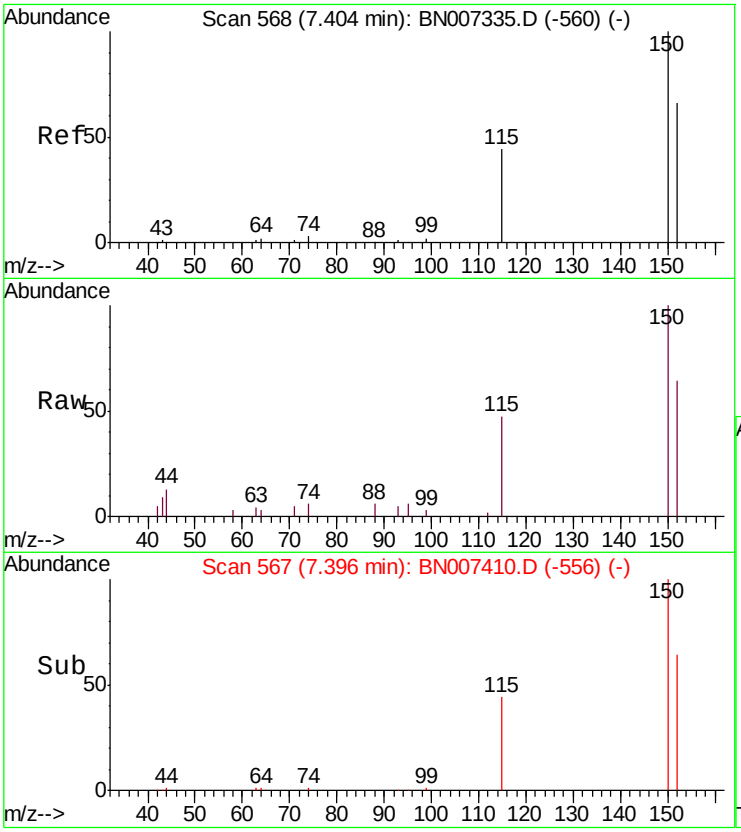
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007410.D
Acq On : 26 Aug 2019 15:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:47 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



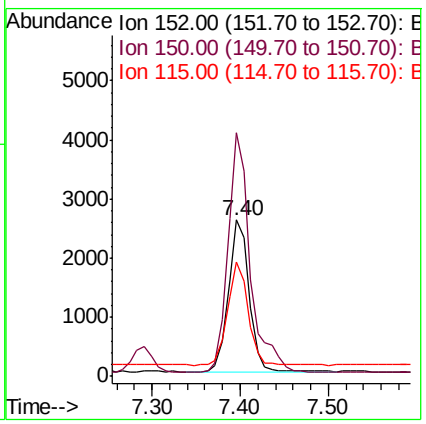


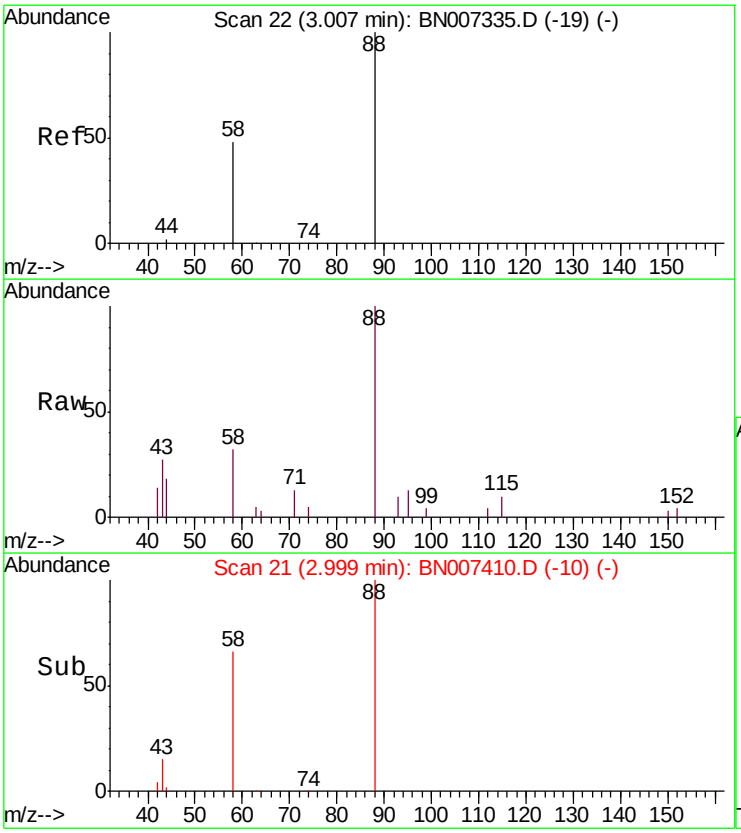
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4146

Ion	Ratio	Lower	Upper
152	100		
150	155.9	109.1	163.7
115	72.8	59.6	89.4

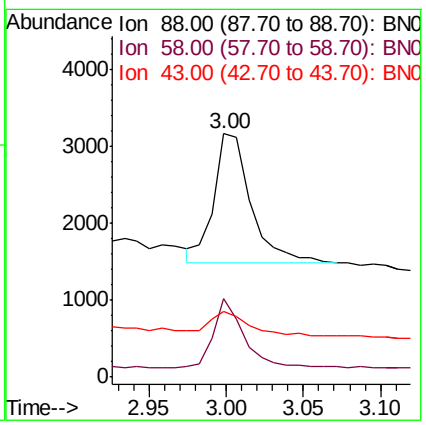


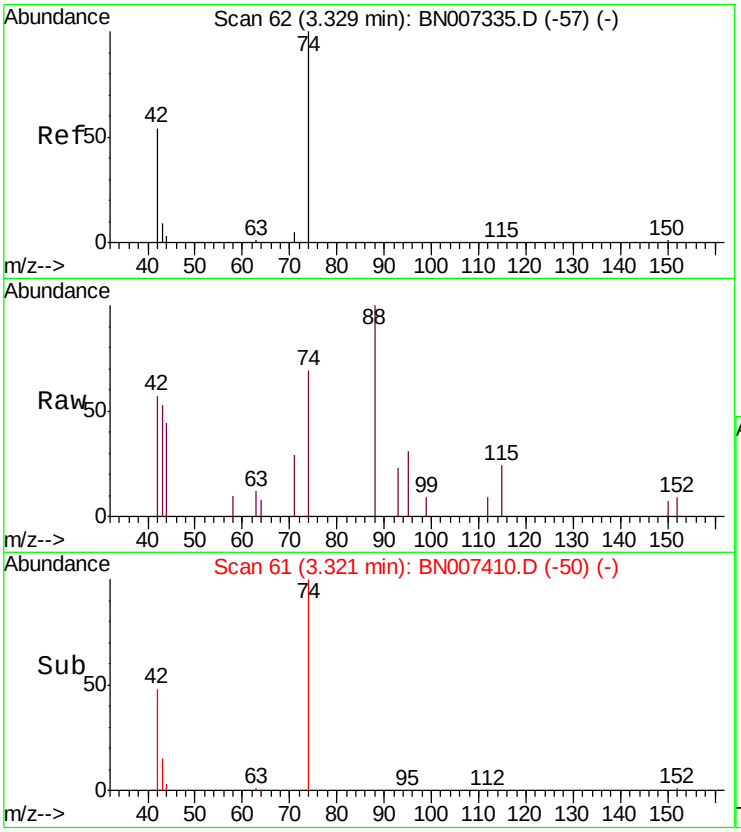


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion: 88 Resp: 2821

Ion	Ratio	Lower	Upper
88	100		
58	42.3	50.5	75.7#
43	20.3	0.0	0.0#



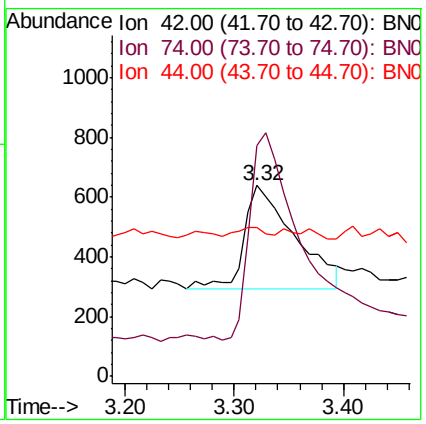


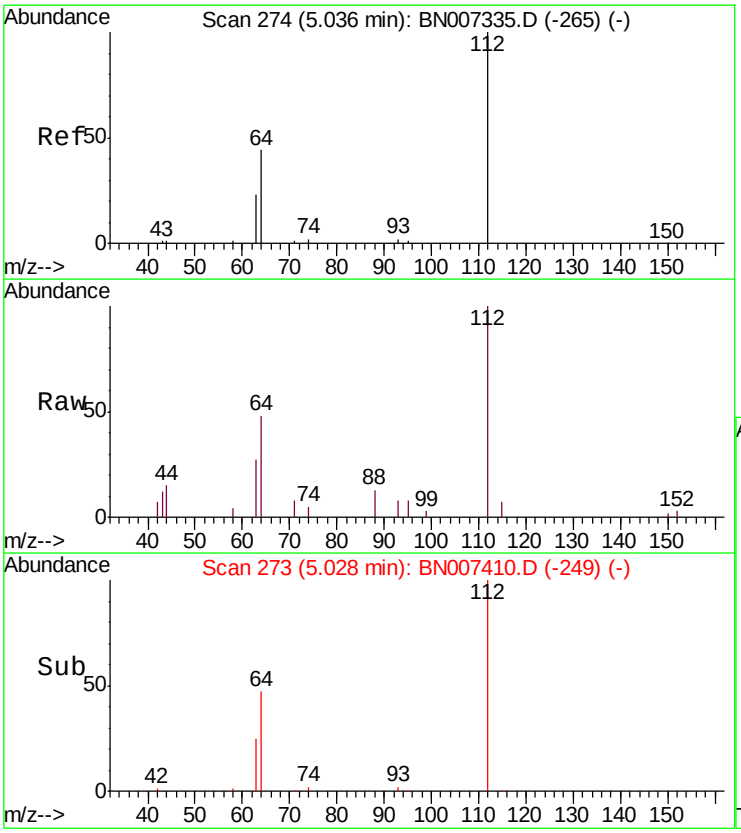
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1115

Ion	Ratio	Lower	Upper
42	100		
74	192.6	144.7	217.1
44	3.9	3.2	4.8

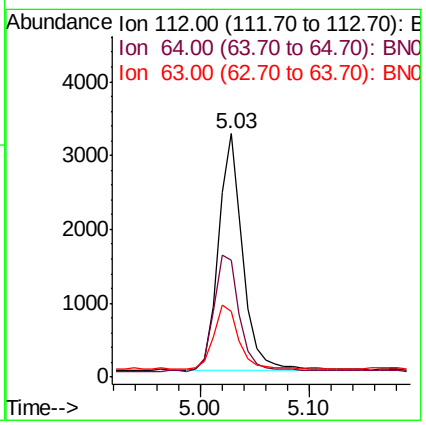


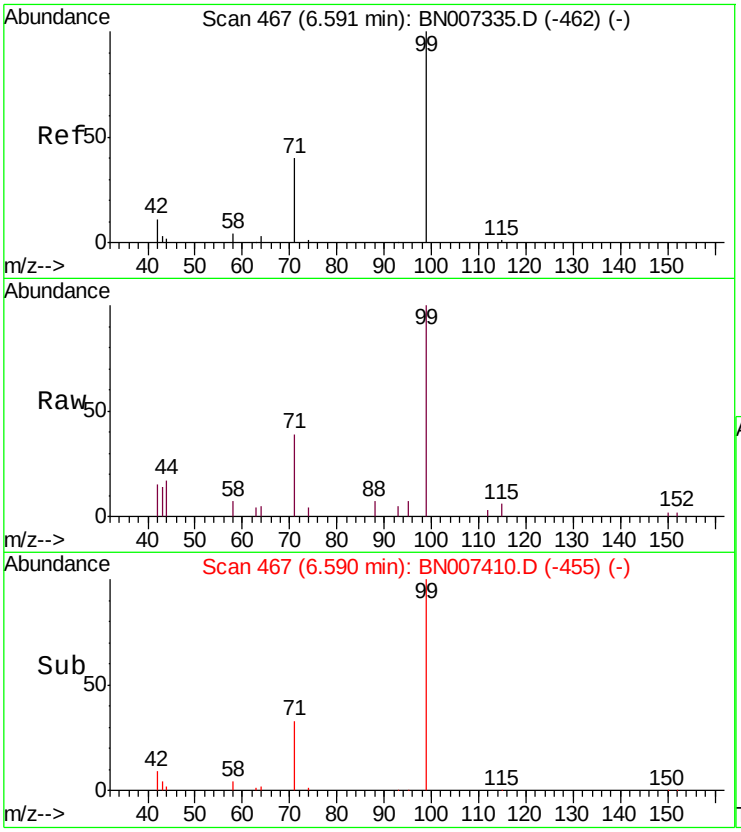


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:112 Resp: 5005

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.3	63.5
63	28.6	23.6	35.4



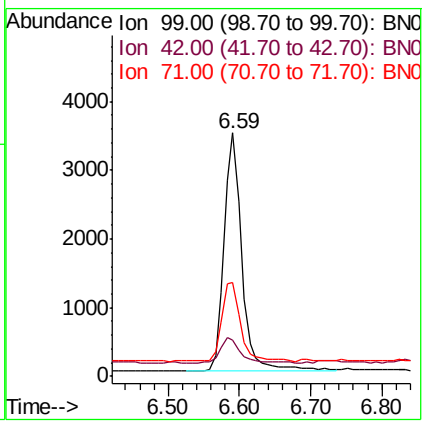


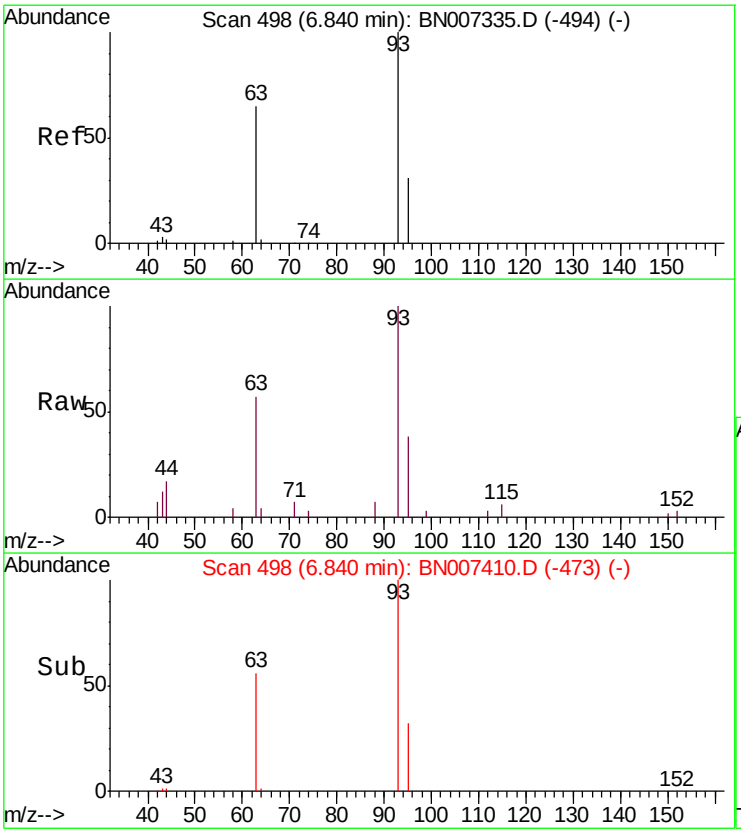
#5
Phenol-d6
Concen: 0.320 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5968

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.2	16.8
71	35.3	31.8	47.8

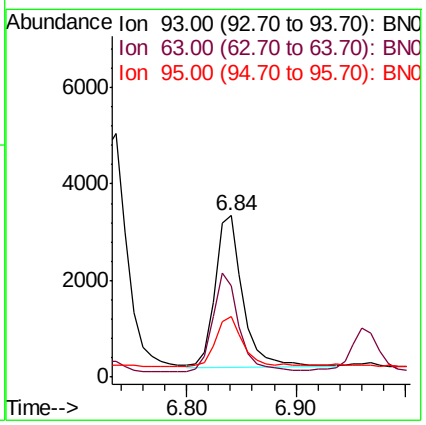


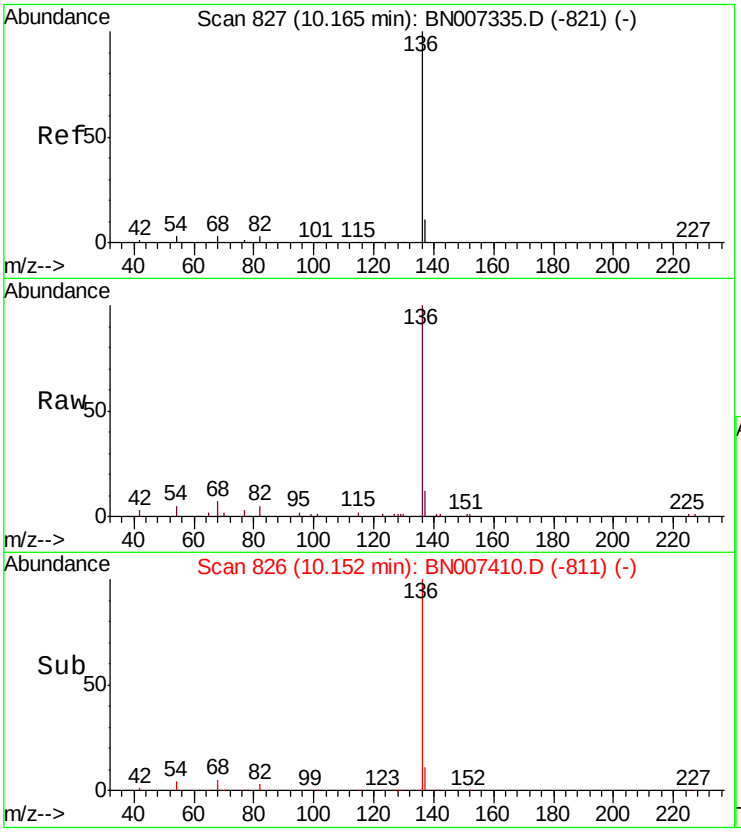


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion: 93 Resp: 5672

Ion	Ratio	Lower	Upper
93	100		
63	61.0	51.9	77.9
95	33.3	27.7	41.5



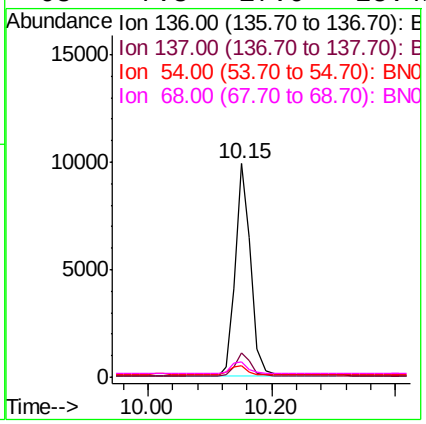


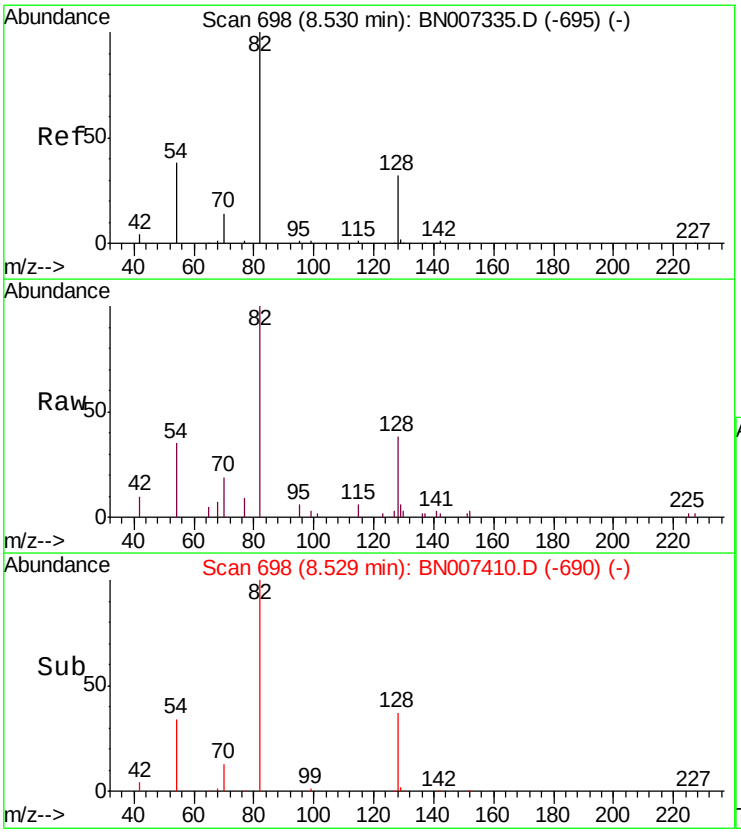
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17268

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	5.3	8.6	12.8#
68	7.3	17.0	25.4#

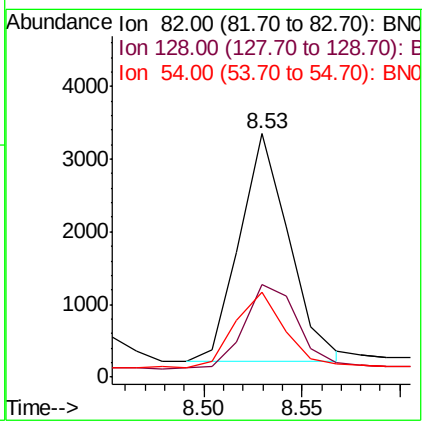


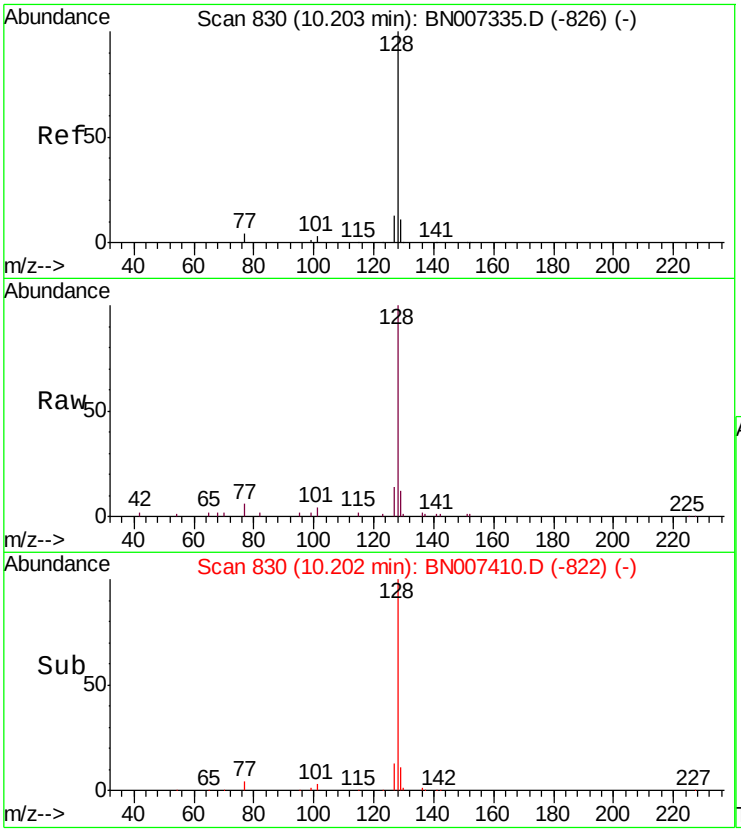


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion: 82 Resp: 5528

Ion	Ratio	Lower	Upper
82	100		
128	38.0	19.7	29.5#
54	34.8	25.8	38.6



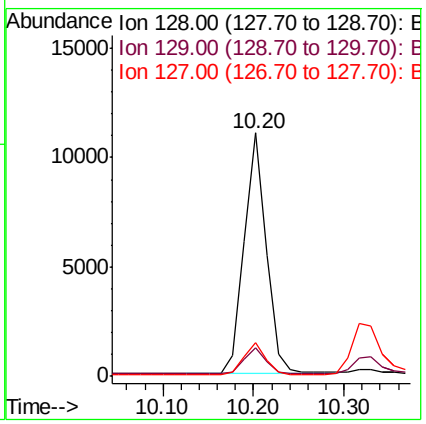


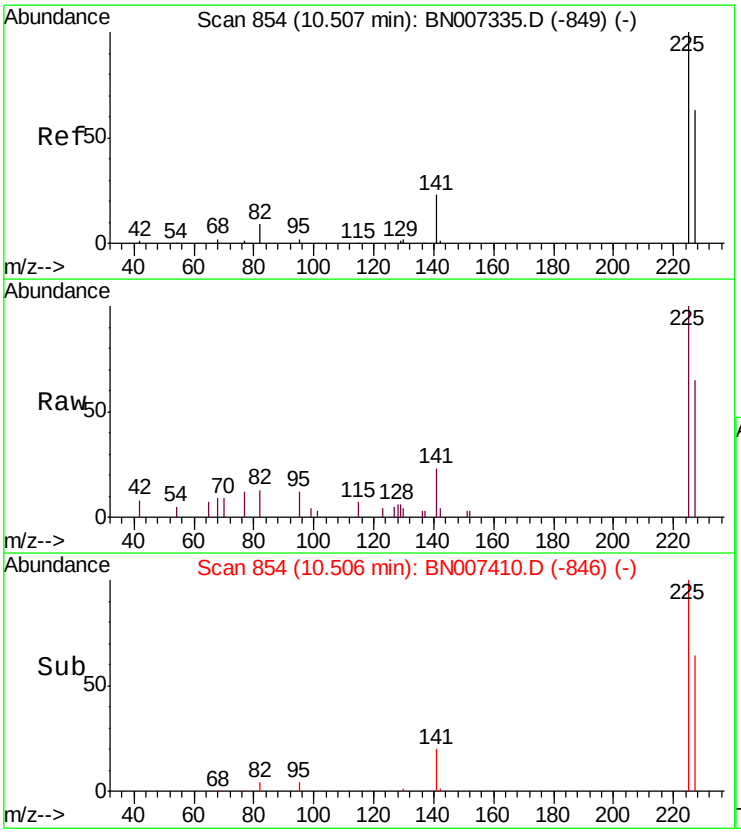
#9
Naphthalene
Concen: 0.382 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18872

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.1	16.7
127	13.6	15.5	23.3#

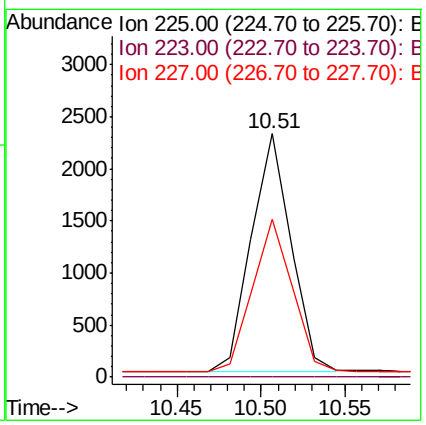


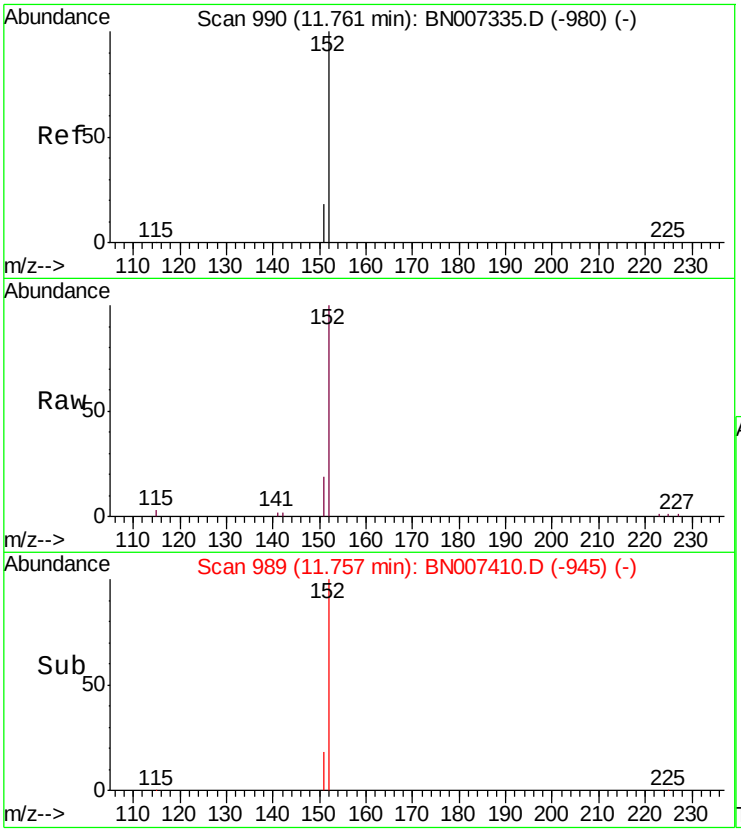


#10
Hexachlorobutadiene
Concen: 0.370 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:225 Resp: 3740

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.7	76.1



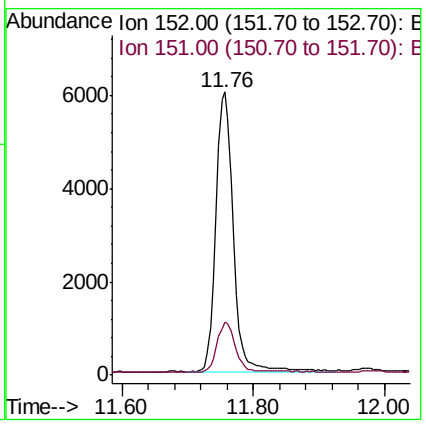


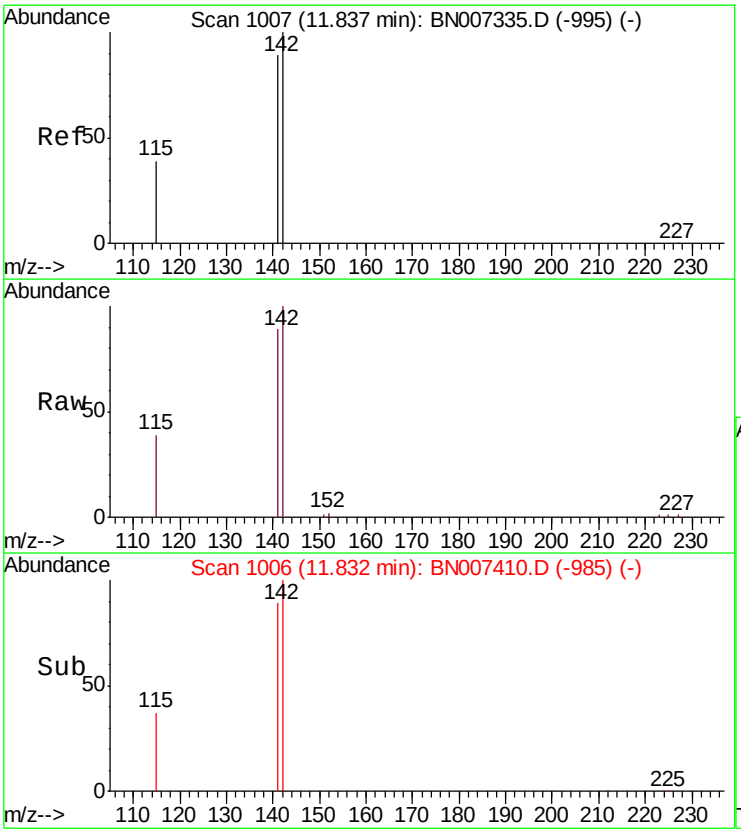
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11045

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.2

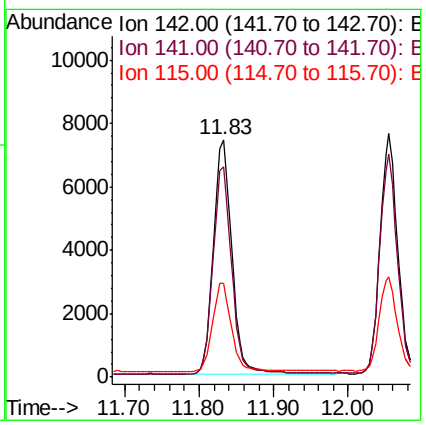


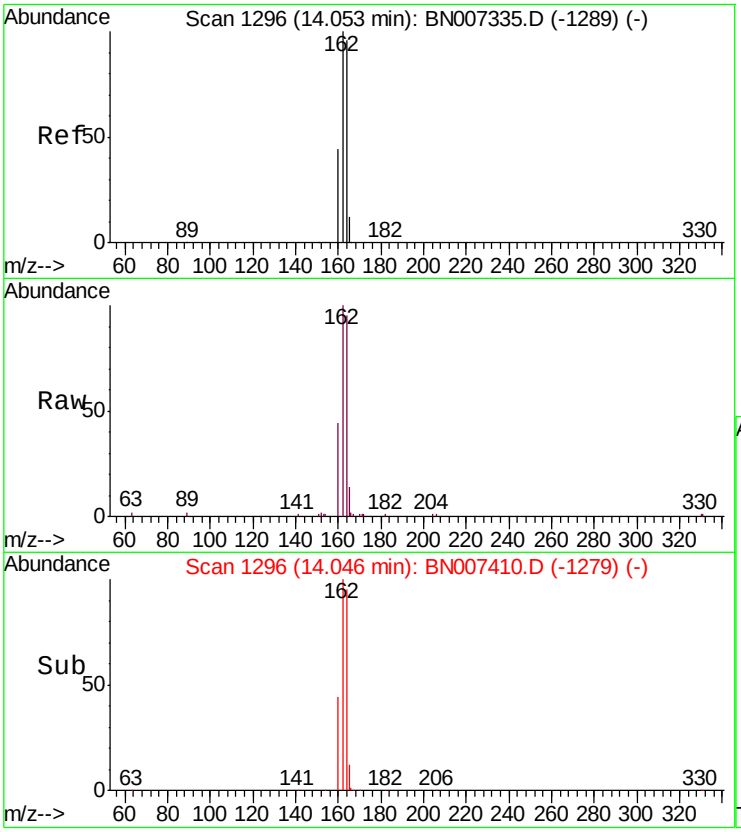


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:142 Resp: 12857

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.8	109.2
115	39.4	35.2	52.8



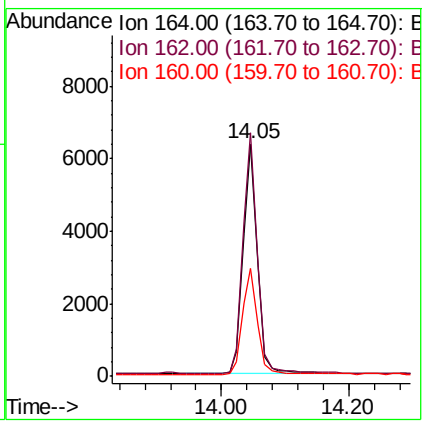


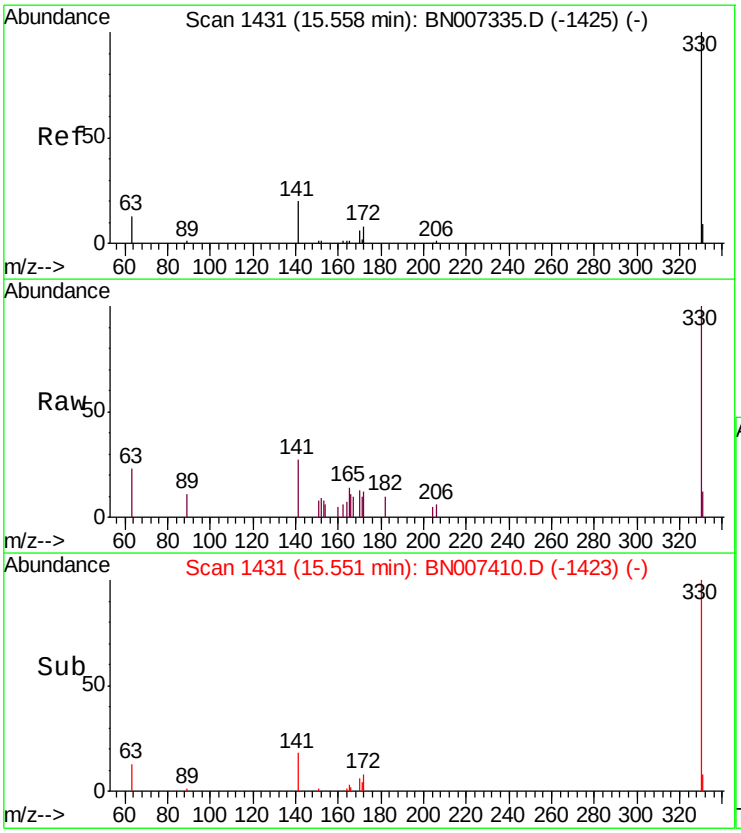
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9939

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.5	125.3
160	46.6	38.2	57.4

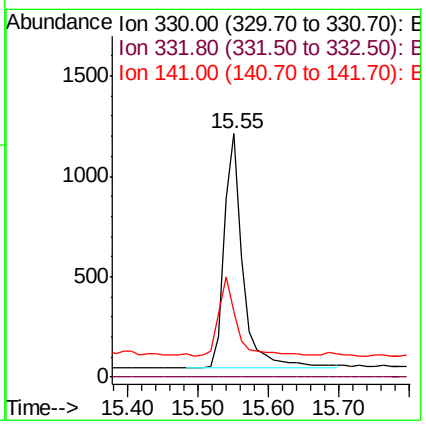


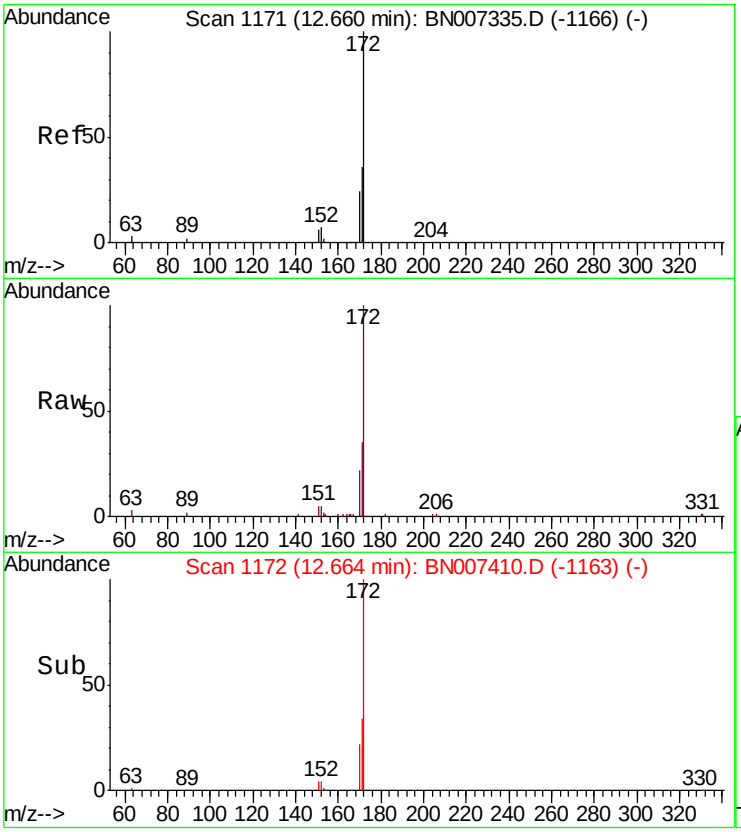


#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:330 Resp: 2167

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.7	26.9	40.3



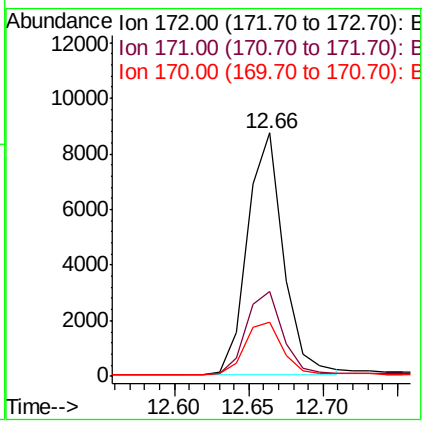


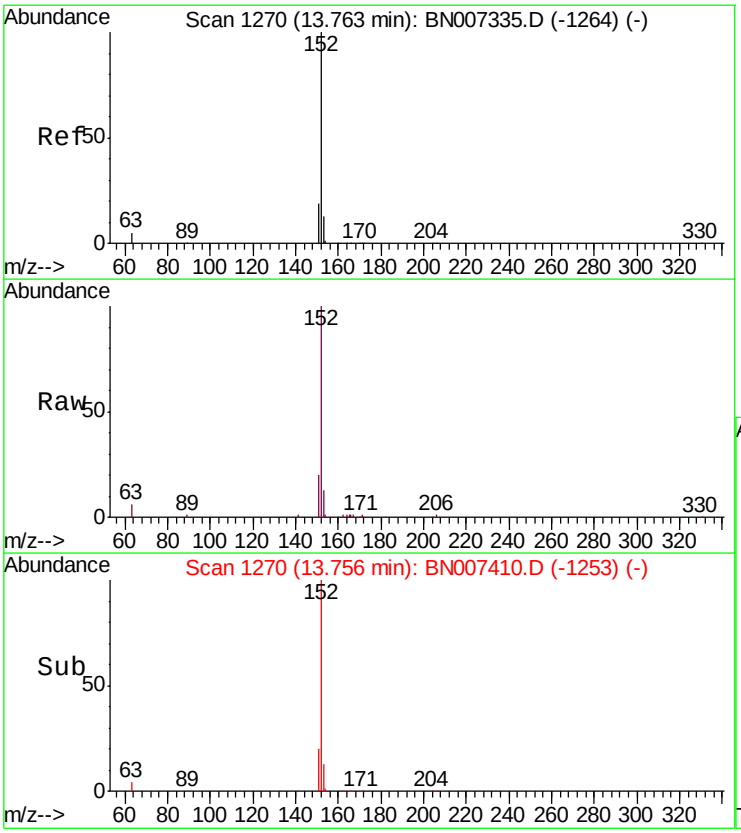
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14627

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.3	45.5
170	22.2	20.7	31.1

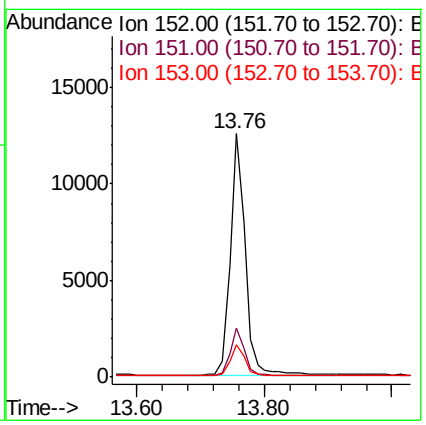


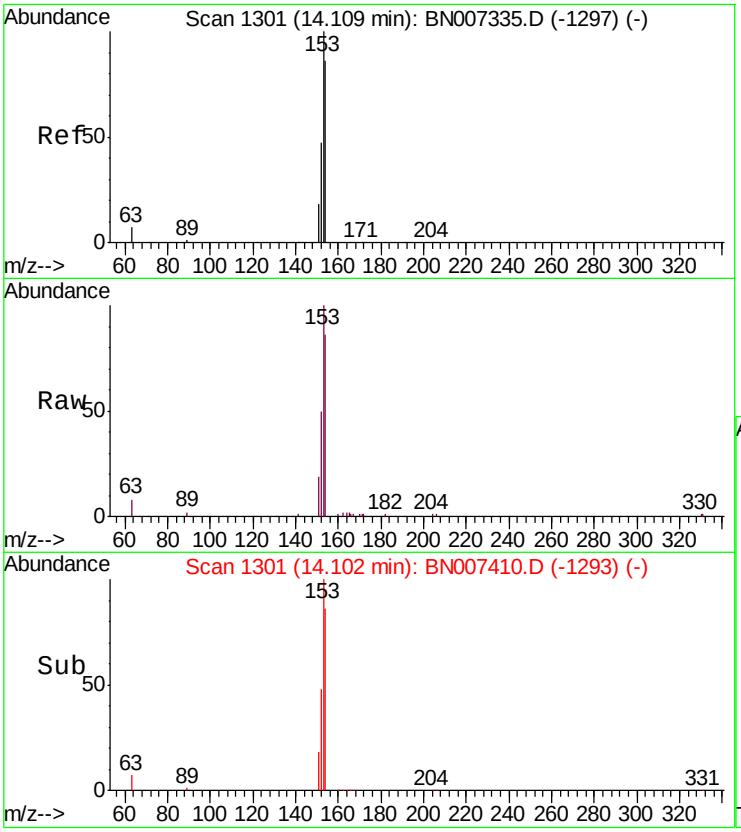


#16
Acenaphthylene
Concen: 0.350 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:152 Resp: 20570

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	12.8	10.6	15.8



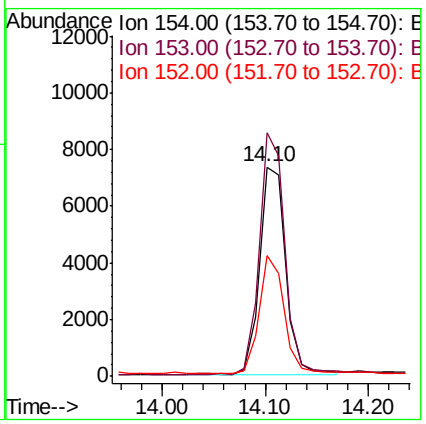


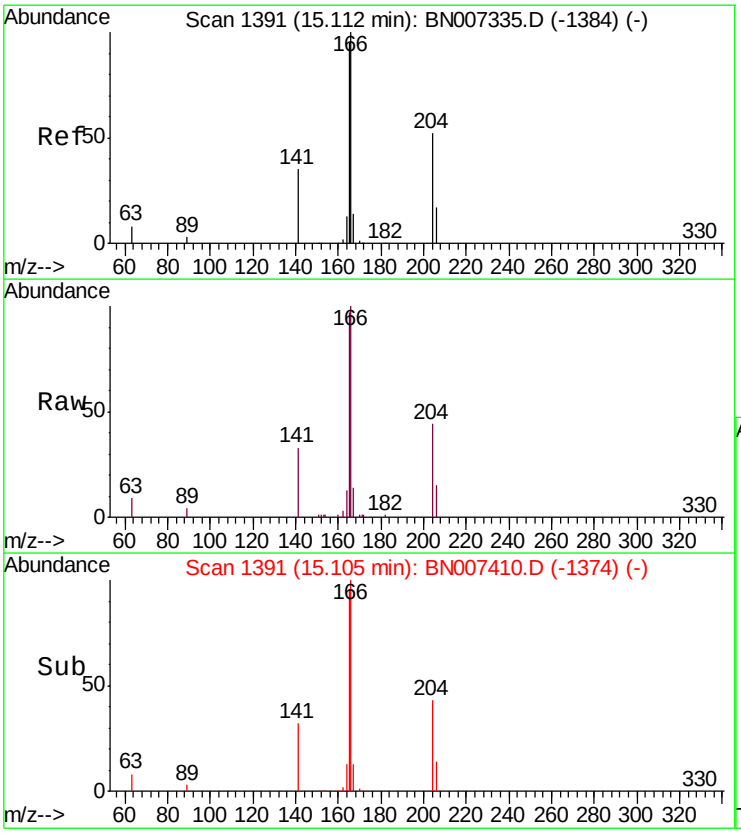
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12793

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.8	139.2
152	54.2	43.8	65.8

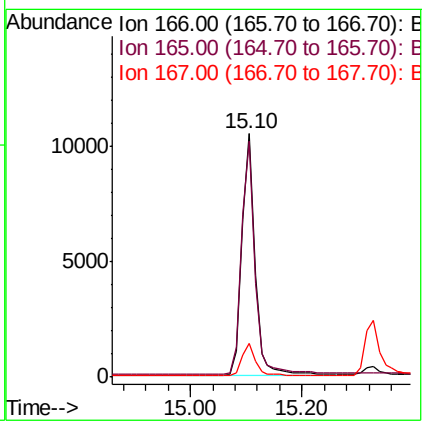


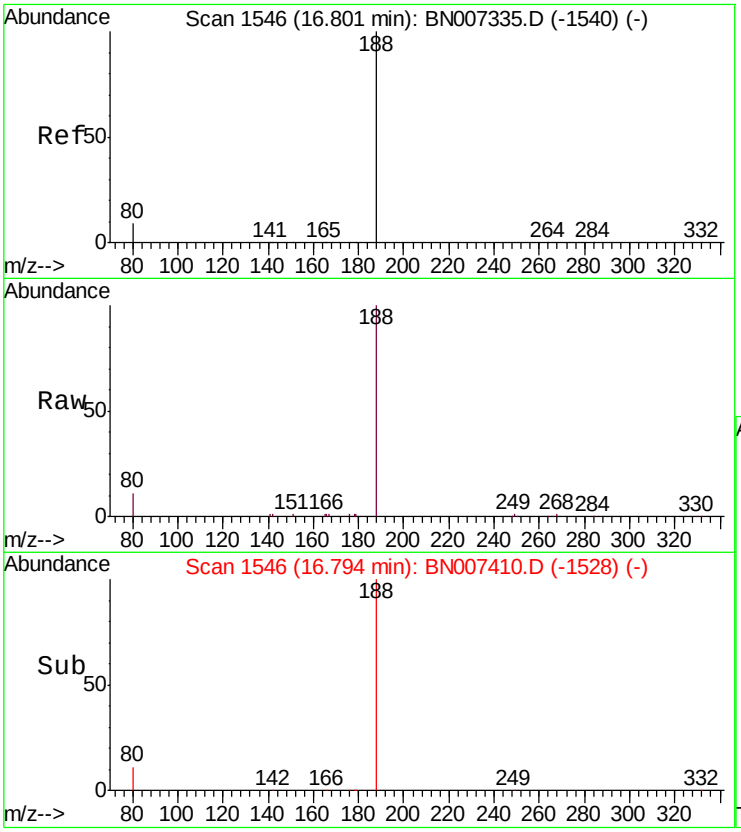


#18
Fluorene
Concen: 0.391 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:166 Resp: 17017

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.4
167	13.6	10.6	15.8



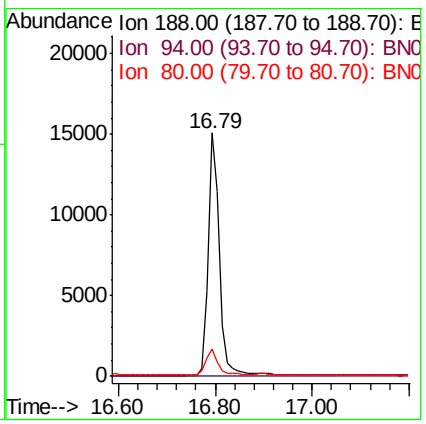


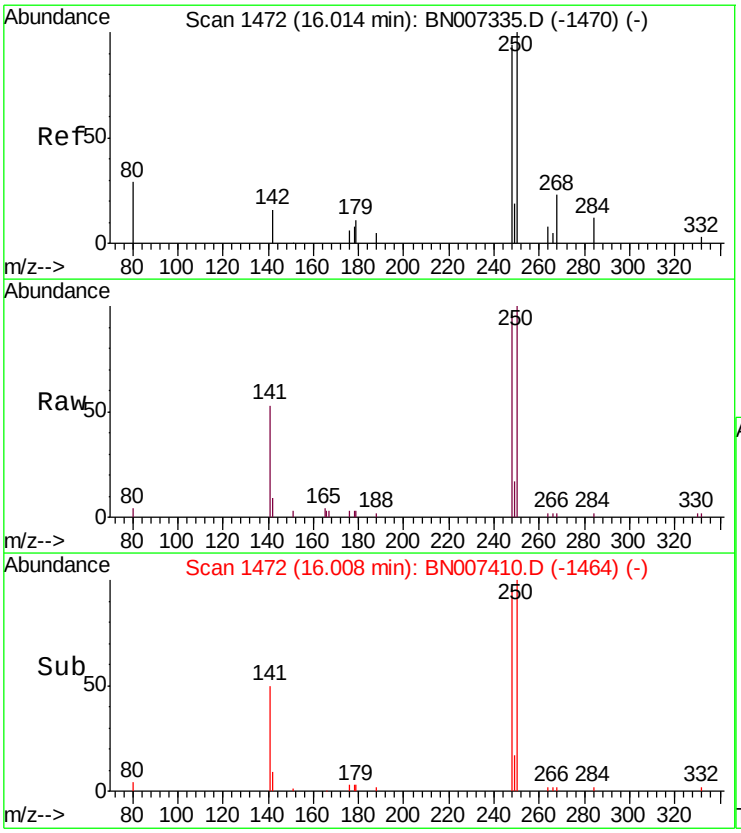
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24396

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	11.8	17.8#

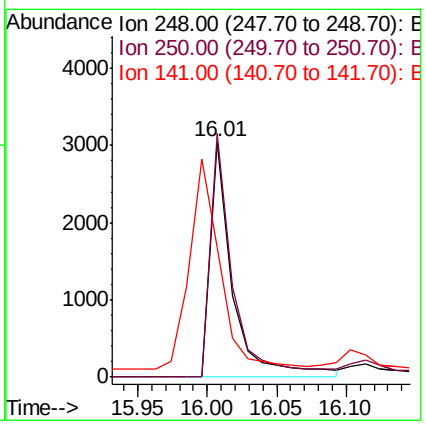


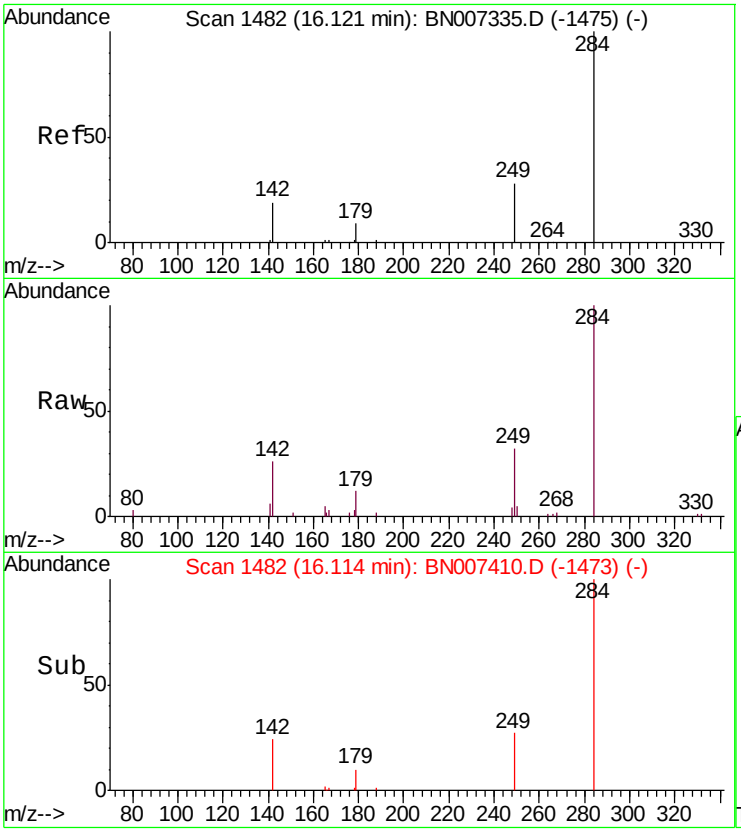


#20
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:248 Resp: 3337

Ion	Ratio	Lower	Upper
248	100		
250	103.8	85.0	127.6
141	55.3	51.7	77.5



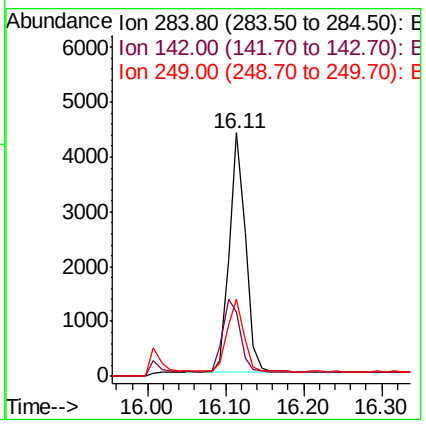


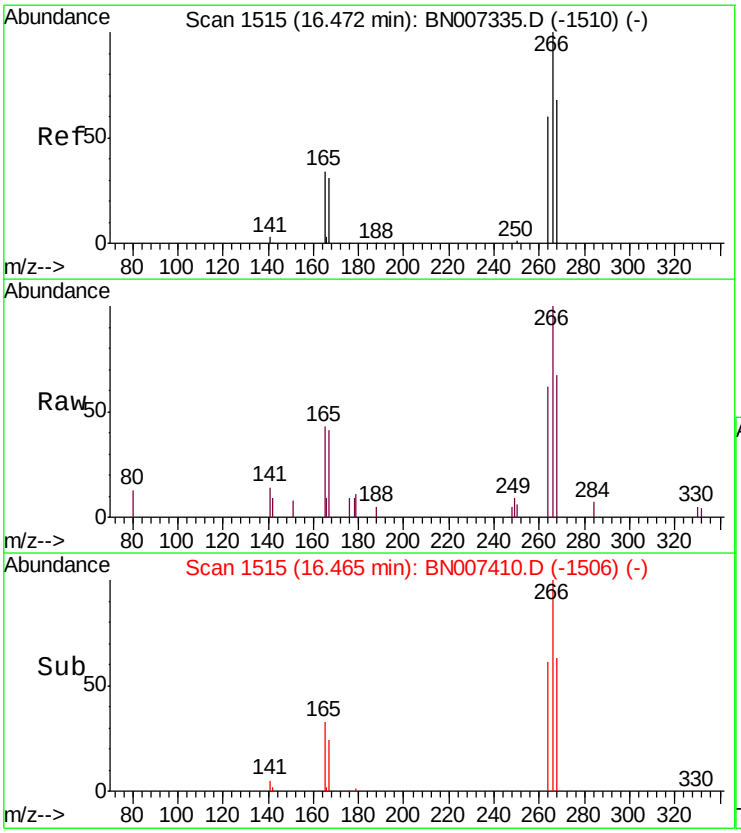
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6340

Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.0	43.6
249	30.4	24.9	37.3

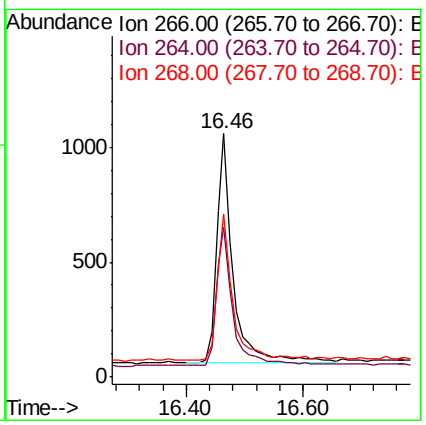


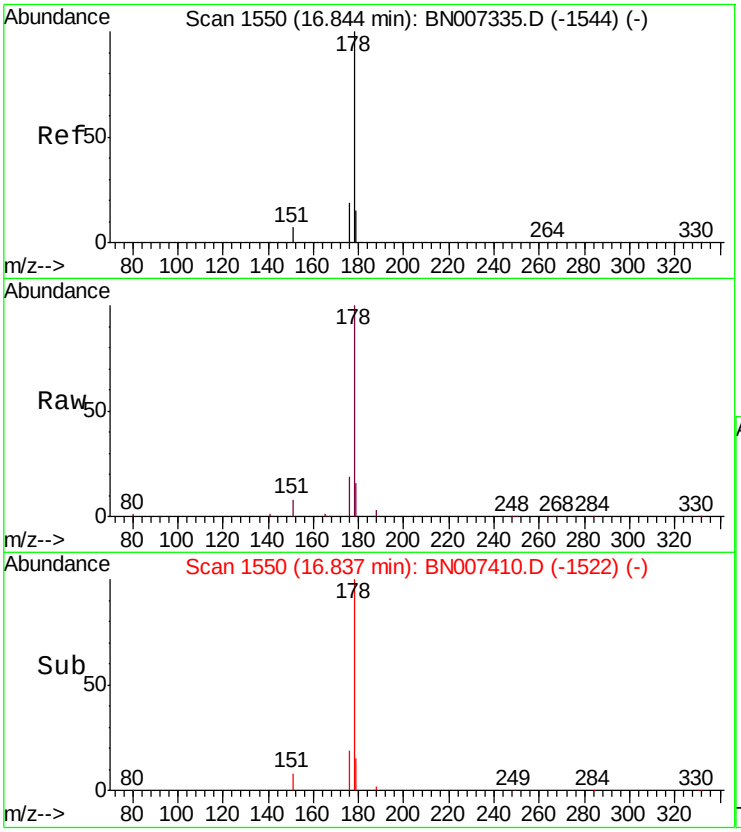


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:266 Resp: 1950

Ion	Ratio	Lower	Upper
266	100		
264	61.7	57.8	86.8
268	66.9	99.7	149.5#



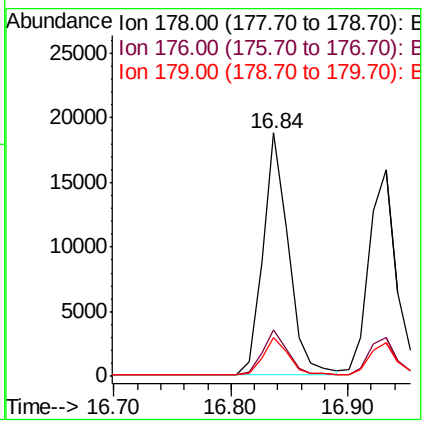


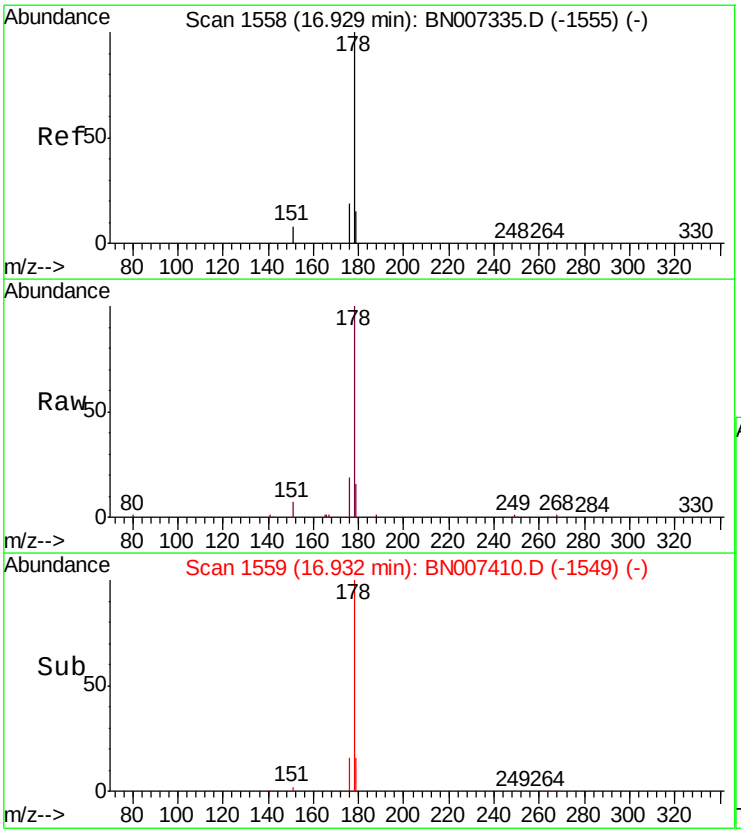
#23
Phenanthrene
Concen: 0.388 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 28508

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.6	19.0

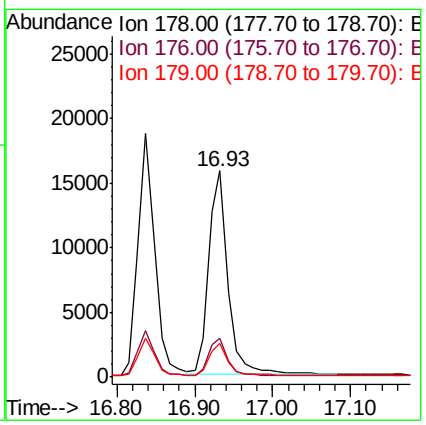


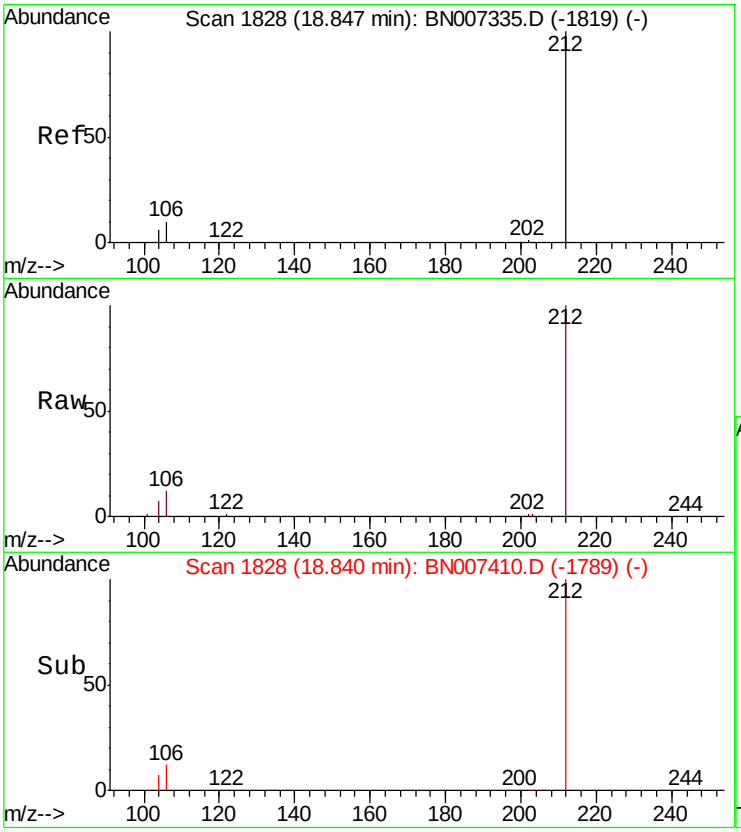


#24
Anthracene
Concen: 0.359 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:178 Resp: 26526

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.7	12.4	18.6



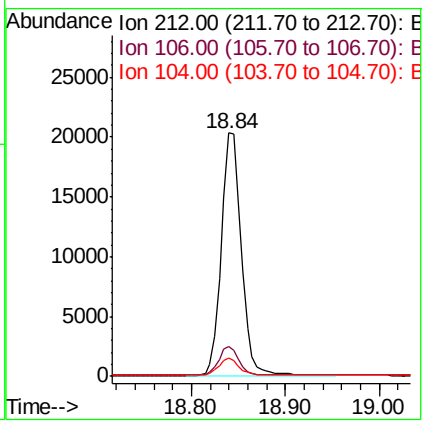


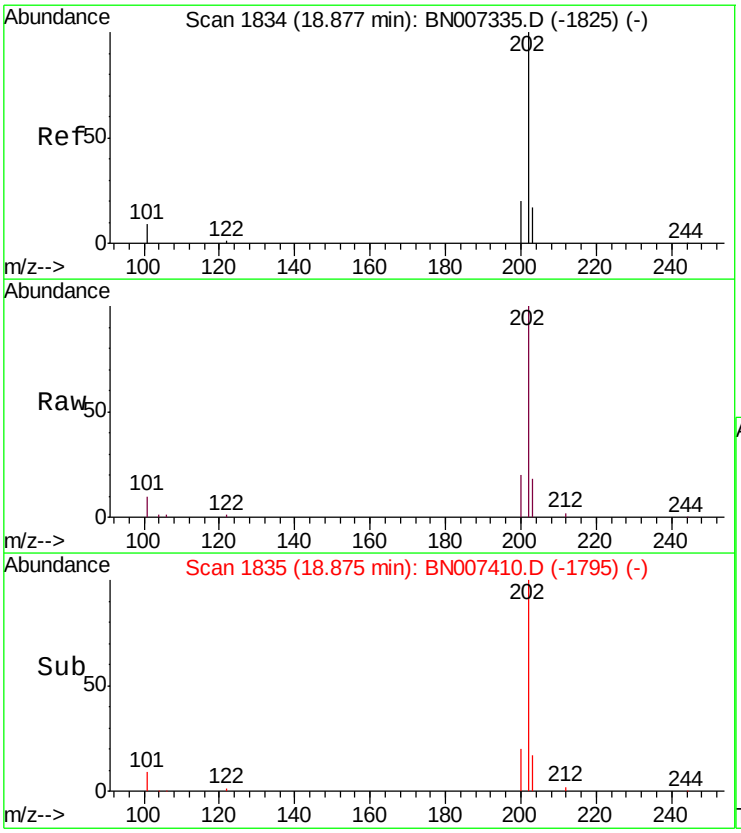
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 30049

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.0	13.4
104	6.6	5.4	8.2

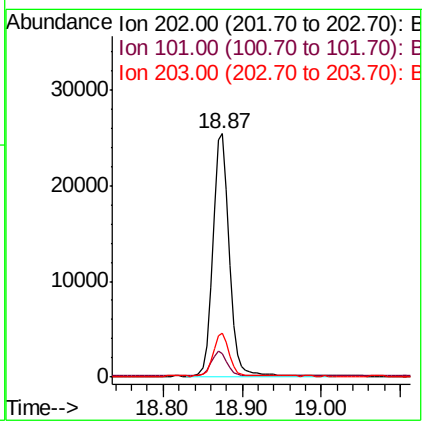


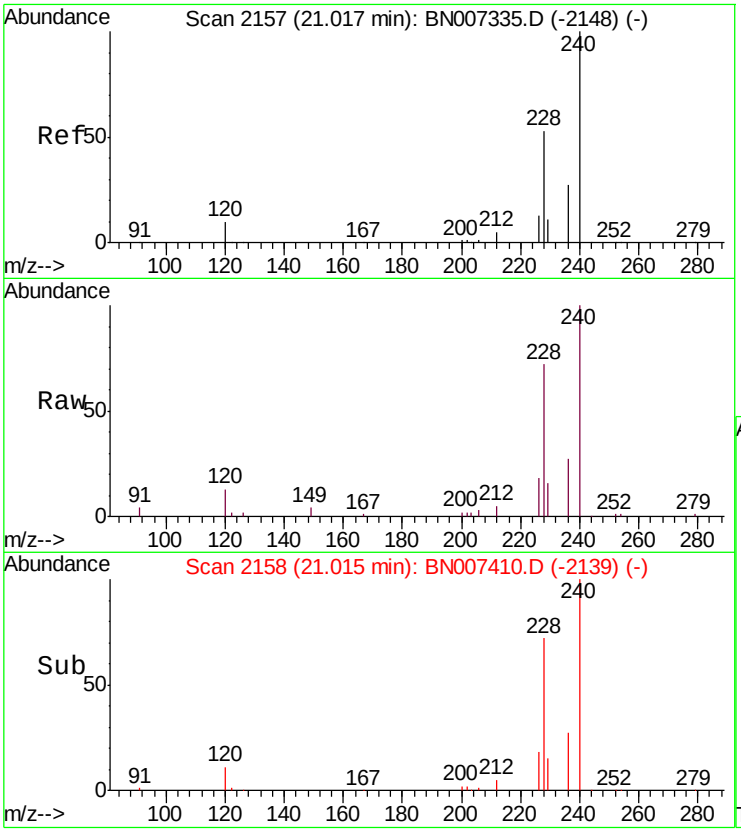


#26
Fluoranthene
Concen: 0.391 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:202 Resp: 36828

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	17.2	13.7	20.5



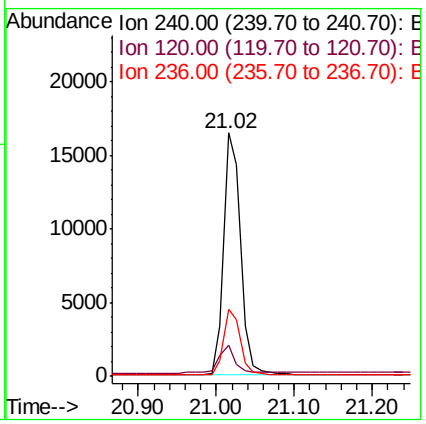


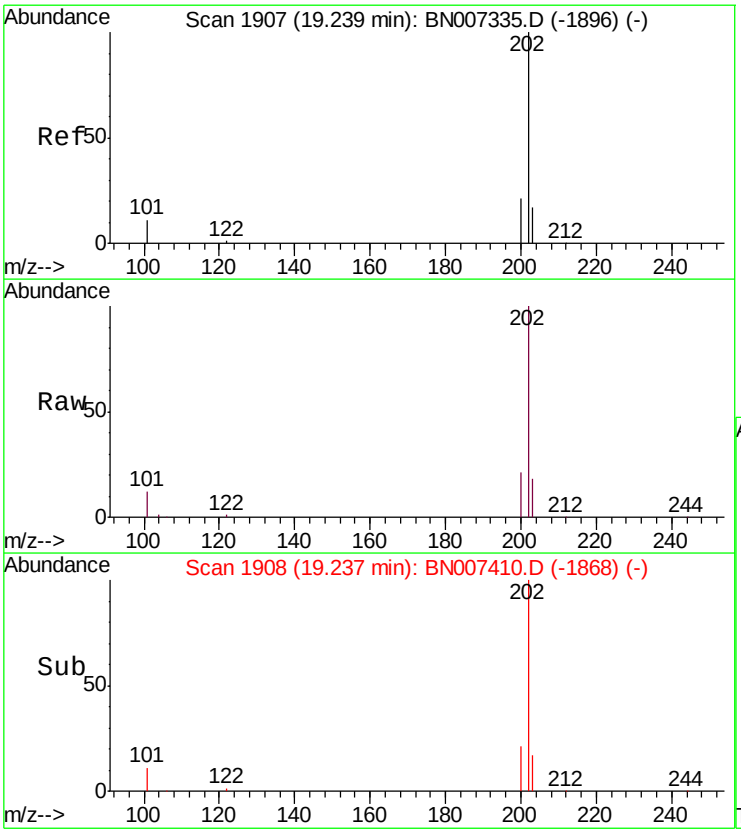
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25010

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.6	14.4
236	27.4	22.2	33.2

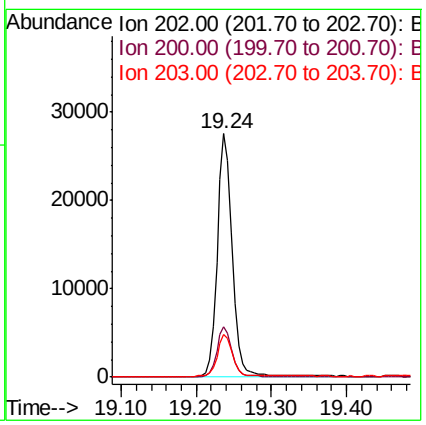


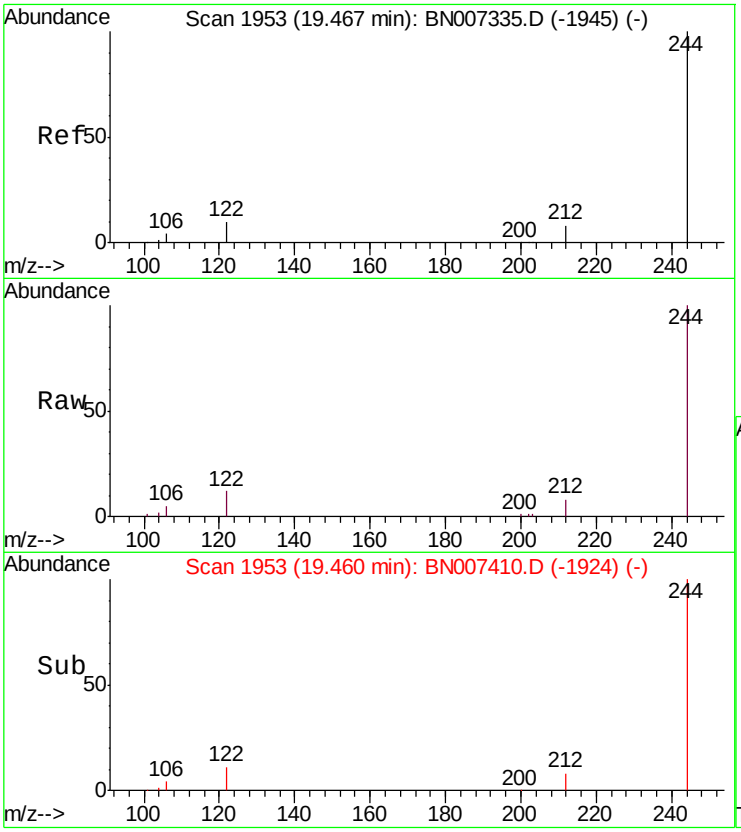


#28
Pyrene
Concen: 0.381 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:202 Resp: 38286

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.5	14.2	21.4



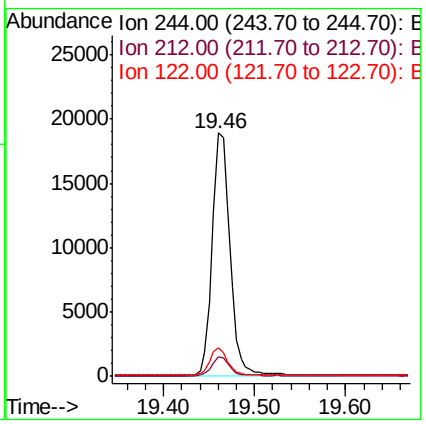


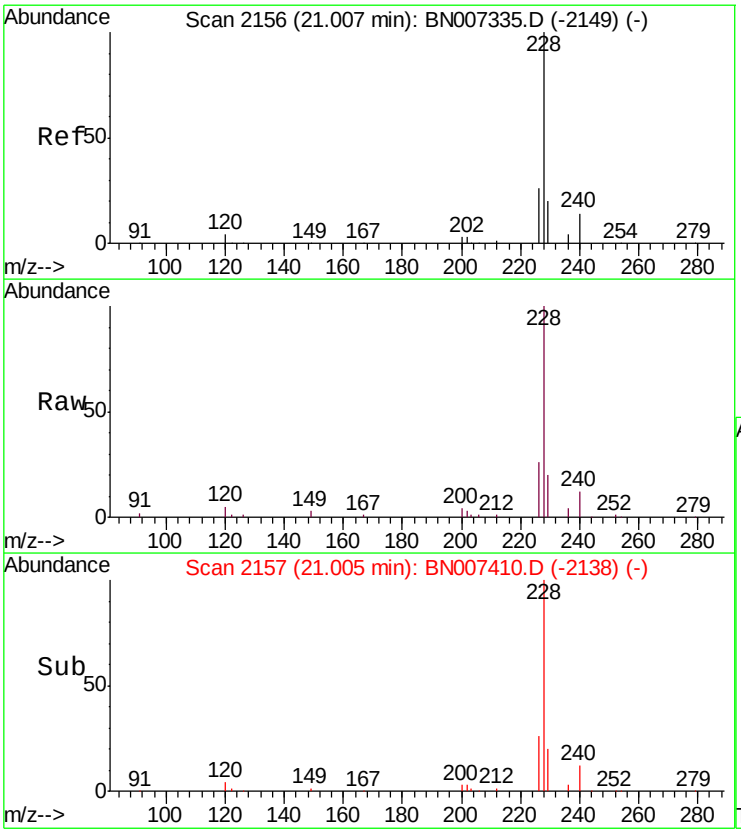
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 25402

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.6
122	11.7	9.6	14.4

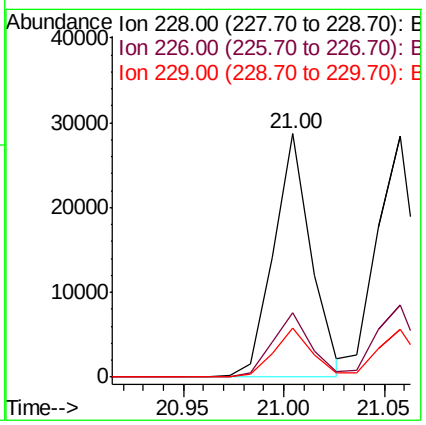


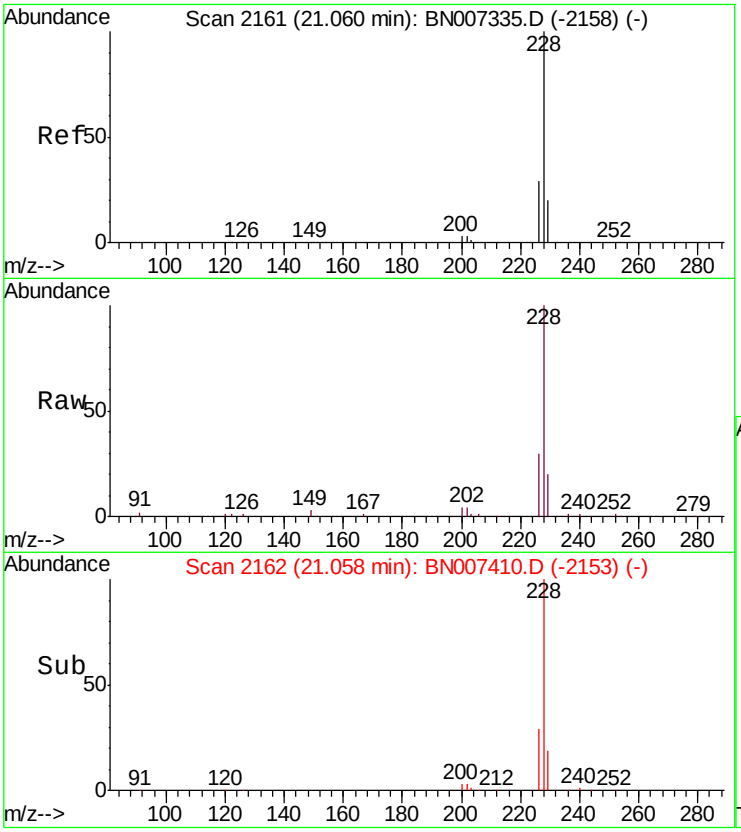


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:228 Resp: 37010

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	20.1	16.1	24.1



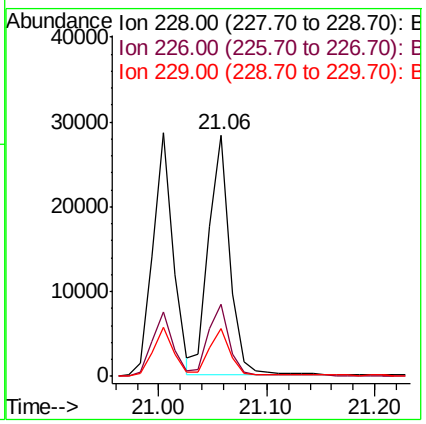


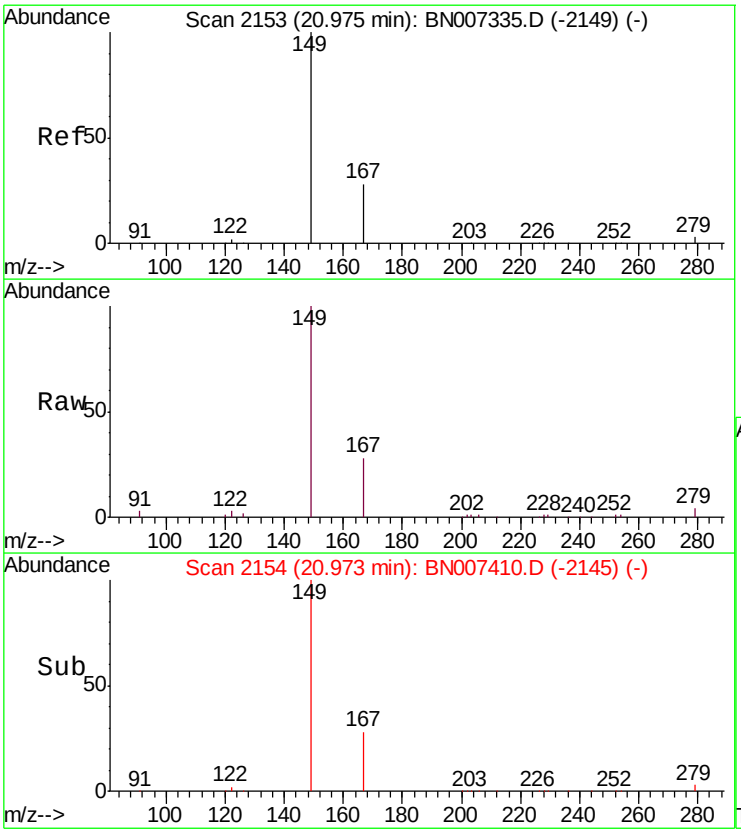
#31
Chrysene
Concen: 0.405 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 38380

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	19.8	16.6	24.8

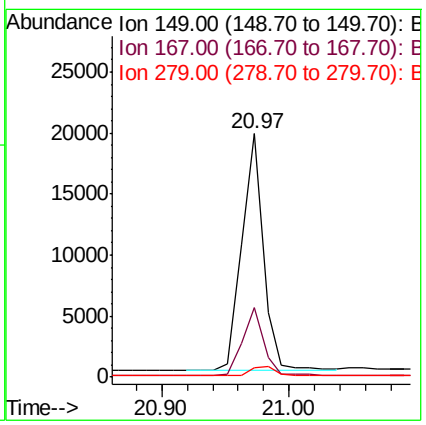


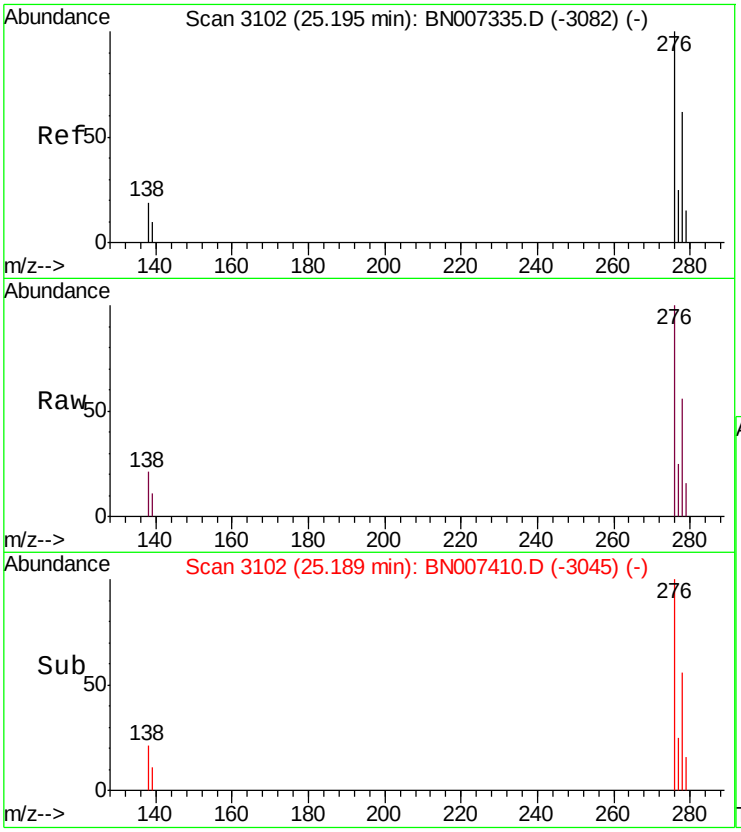


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:149 Resp: 23001

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.6	3.5	5.3



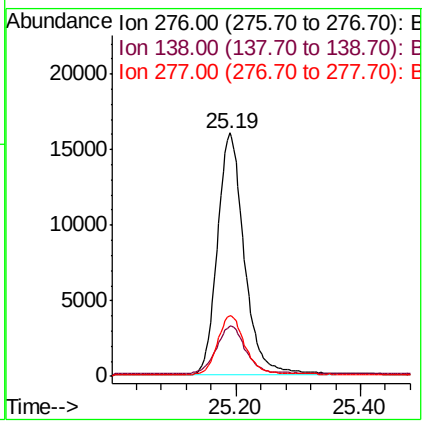


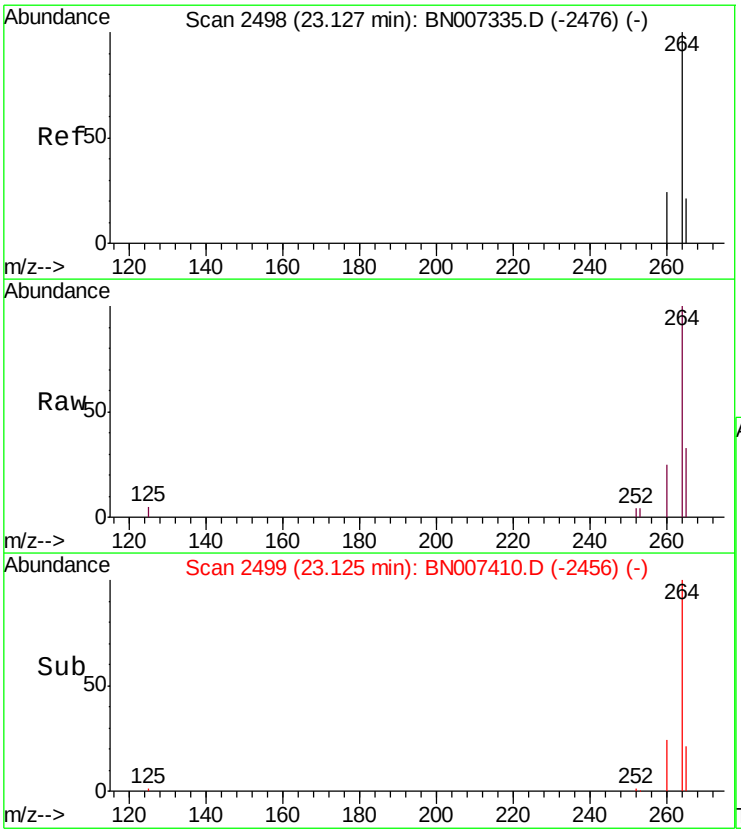
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48042

Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.1	22.7
277	24.0	19.7	29.5

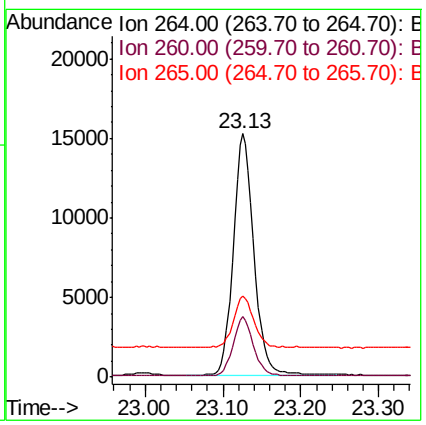


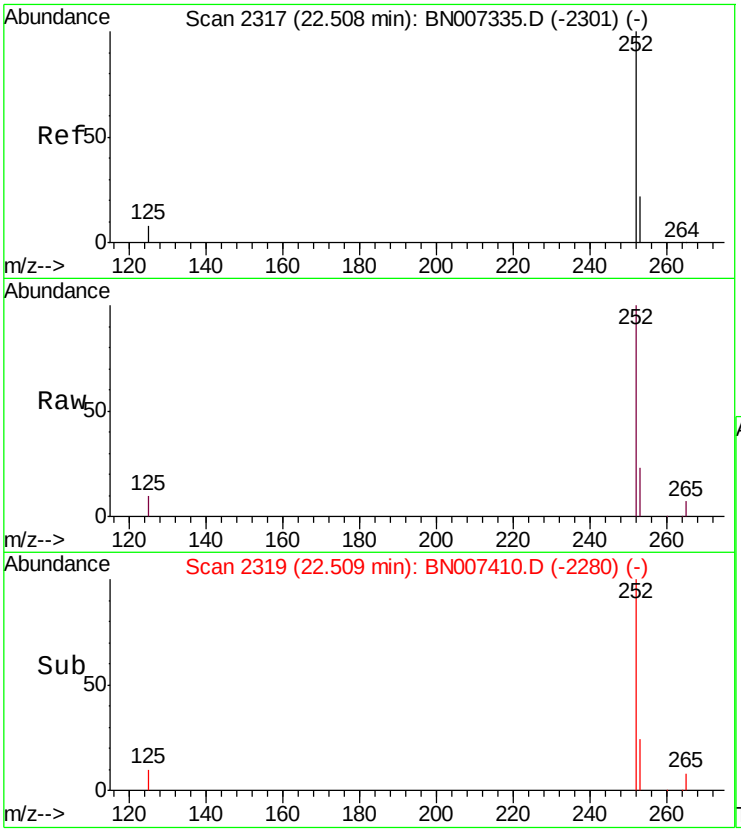


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:264 Resp: 28167

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	33.5	29.9	44.9



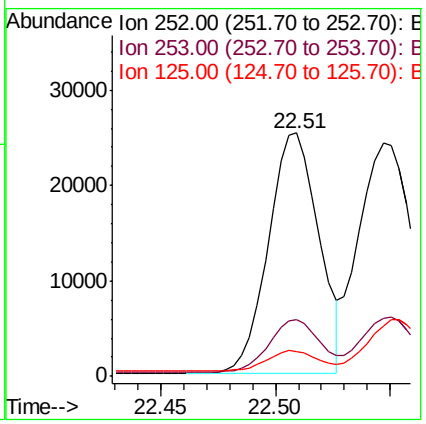


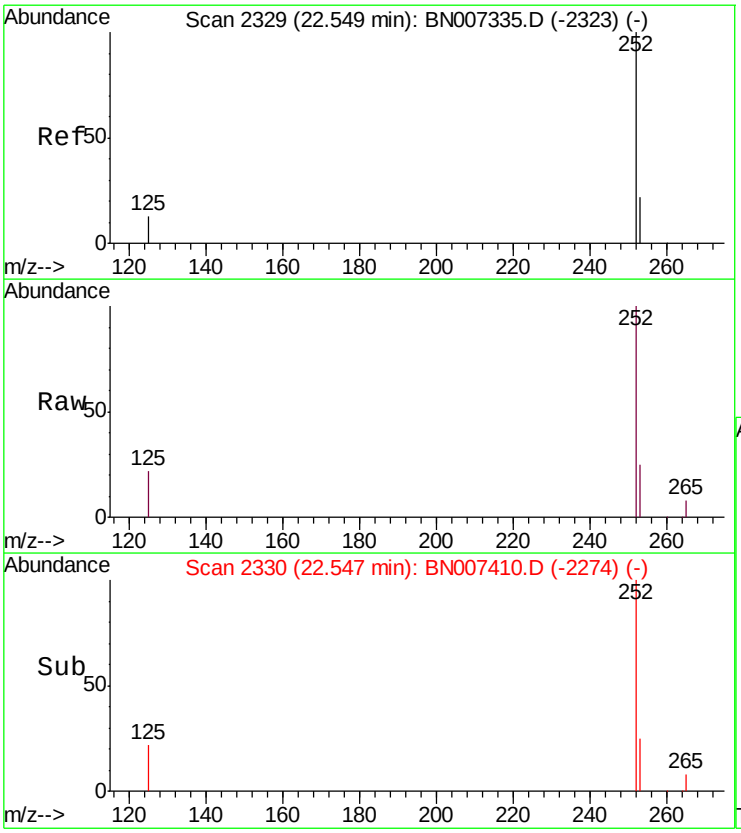
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.51 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38615

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.2	10.6	16.0#

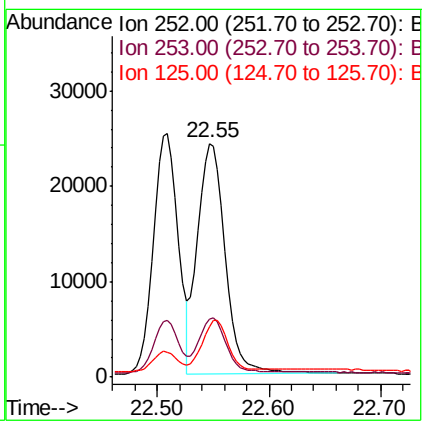


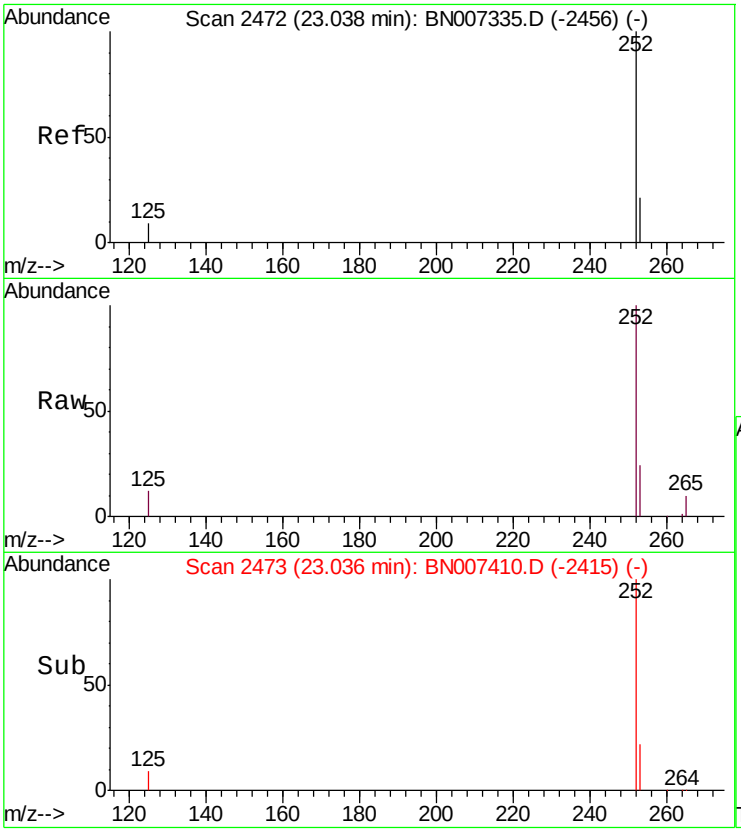


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:252 Resp: 41426

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.2
125	21.7	13.1	19.7#



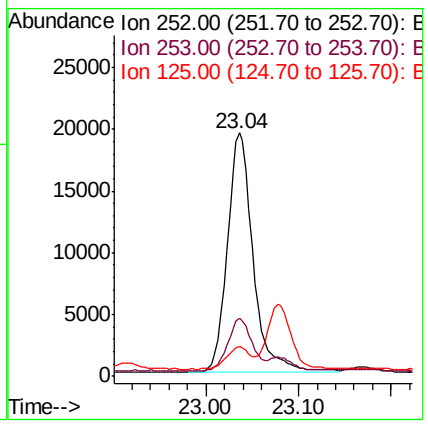


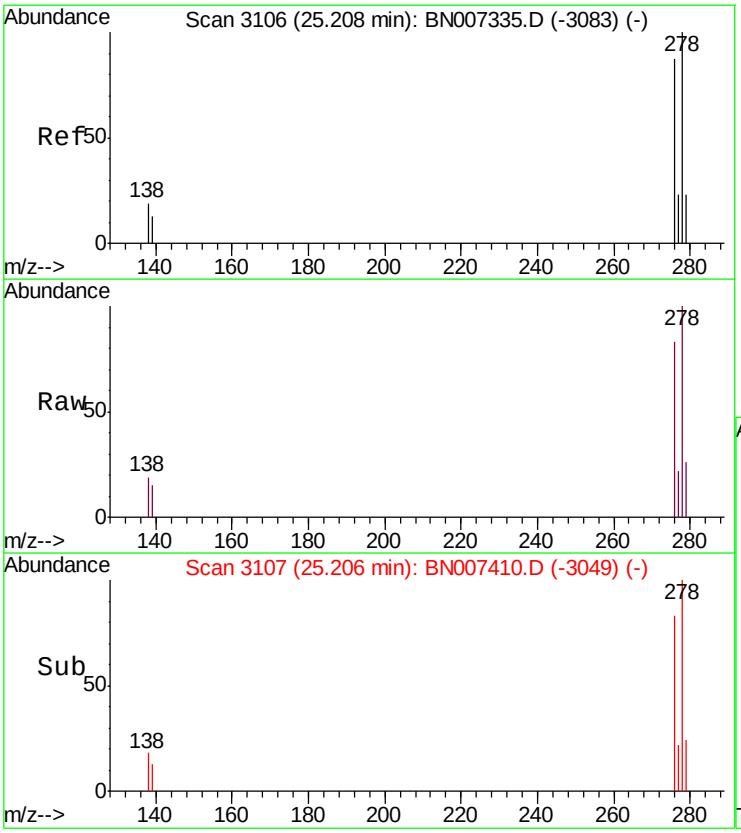
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37686

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

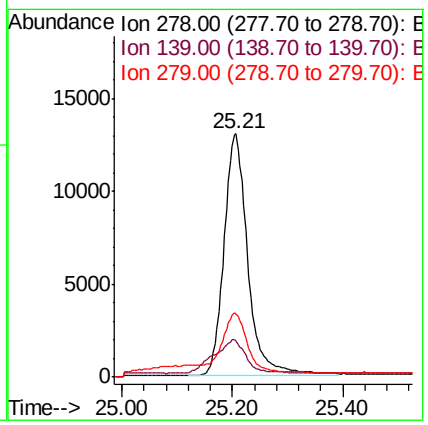


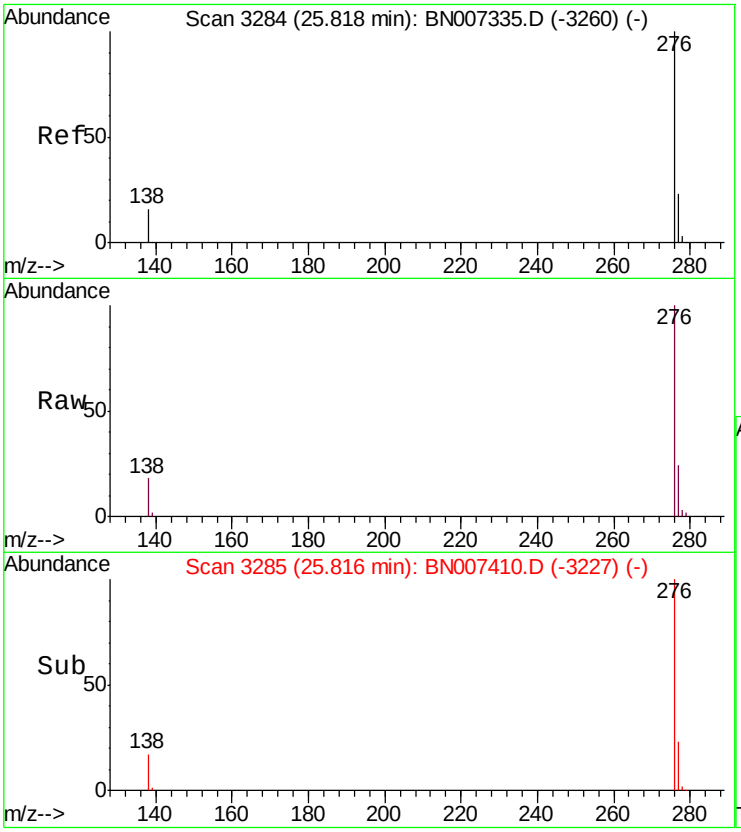


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:278 Resp: 38792

Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.7	20.5
279	25.9	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 25.82 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39810

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	18.4	16.3	24.5