Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007408.D
Acq On : 26 Aug 2019 13:30
Operator : HP/JU
Sample : PB122289BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:25 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	5456	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	21297	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	10868	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	24737	0.40	ng		0.00
27) Chrysene-d12	21.02	240	25755	0.40	ng		0.00
34) Perylene-d12	23.12	264	25915	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5854	0.30	ng		0.00
5) Phenol-d6	6.59	99	6860	0.28	ng		0.00
8) Nitrobenzene-d5	8.53	82	5978	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	11997	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1734	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	15722	0.36	ng		0.00
25) Fluoranthene-d10	18.84	212	26481	0.33	ng		0.00
29) Terphenyl-d14	19.46	244	19060	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3432	0.379	ng	#	73
3) n-Nitrosodimethylamine	3.32	42	1139	0.270	ng		82
6) bis(2-Chloroethyl)ether	6.84	93	6670	0.338	ng		95
9) Naphthalene	10.20	128	21413	0.352	ng	#	90
10) Hexachlorobutadiene	10.51	225	4149	0.333	ng	#	98
12) 2-Methylnaphthalene	11.83	142	14051	0.339	ng		95
16) Acenaphthylene	13.76	152	20731	0.322	ng		99
17) Acenaphthene	14.11	154	13232	0.352	ng		97
18) Fluorene	15.10	166	16325	0.343	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2186	0.224	ng		94
21) Hexachlorobenzene	16.11	284	6016	0.363	ng		97
22) Pentachlorophenol	16.46	266	3251	0.631	ng	#	64
23) Phenanthrene	16.84	178	25502	0.343	ng		99
24) Anthracene	16.93	178	22887	0.306	ng		99
26) Fluoranthene	18.87	202	32161	0.337	ng		100
28) Pyrene	19.24	202	33075	0.319	ng		99
30) Benzo(a)anthracene	21.01	228	28410	0.281	ng		99
31) Chrysene	21.06	228	31642	0.324	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	12425	0.171	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	36901	0.314	ng		99
35) Benzo(b)fluoranthene	22.55	252	32447	0.346	ng		99
36) Benzo(k)fluoranthene	22.55	252	32447	0.350	ng	#	96
37) Benzo(a)pyrene	23.03	252	28736	0.322	ng	#	96
38) Dibenzo(a,h)anthracene	25.20	278	29360	0.329	ng		98
39) Benzo(g,h,i)perylene	25.81	276	30704	0.346	ng		98

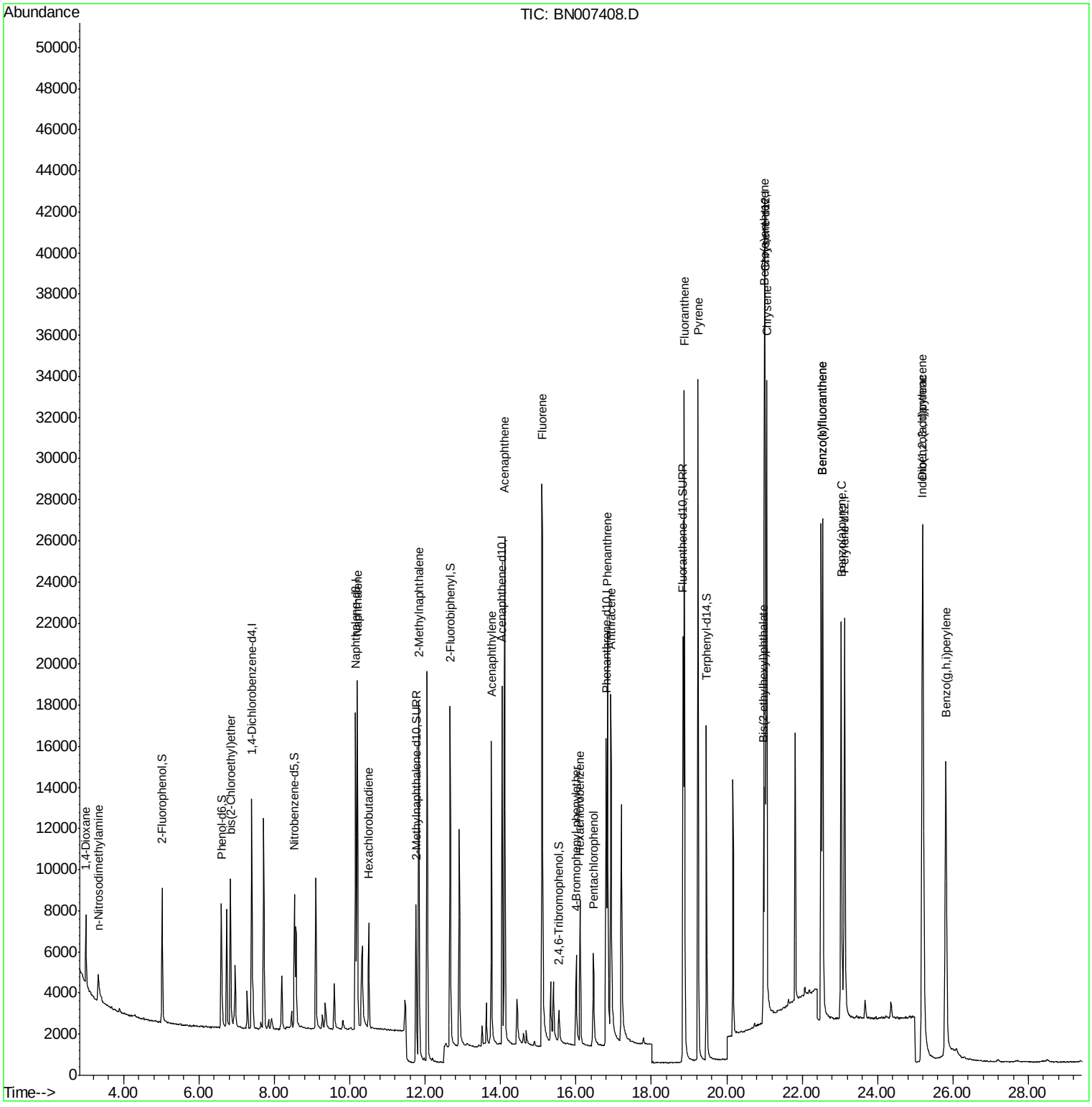
(#) = qualifier out of range (m) = manual integration (+) = signals summed

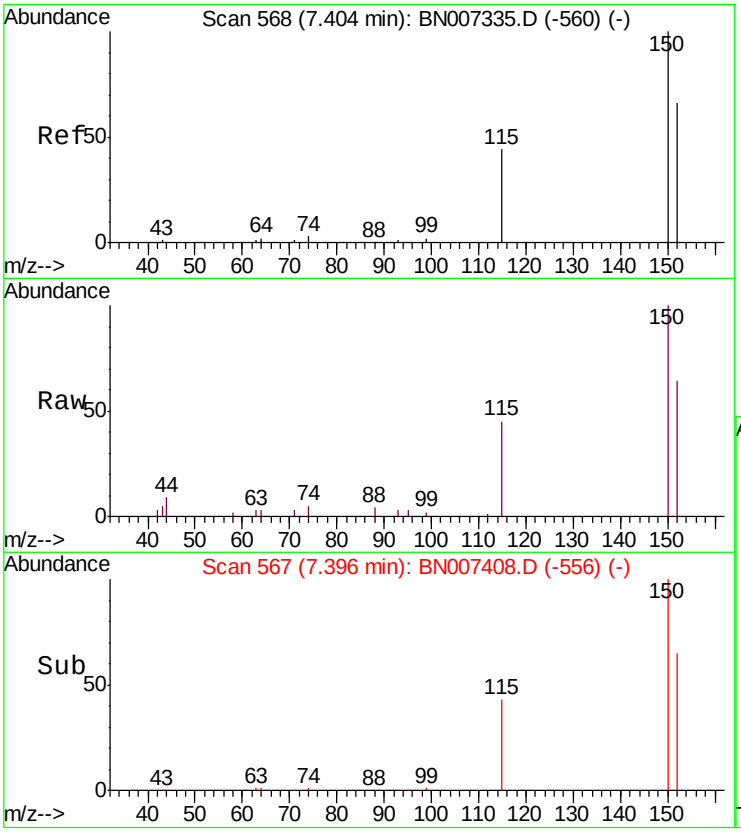
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007408.D
Acq On : 26 Aug 2019 13:30
Operator : HP/JU
Sample : PB122289BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:25 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



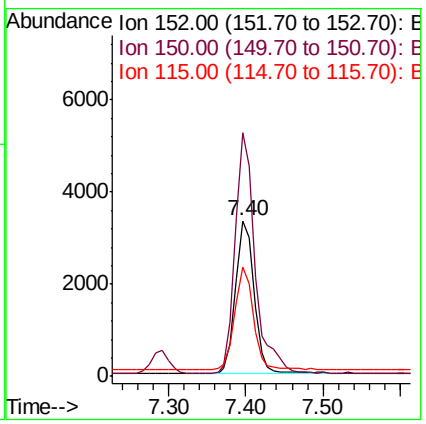


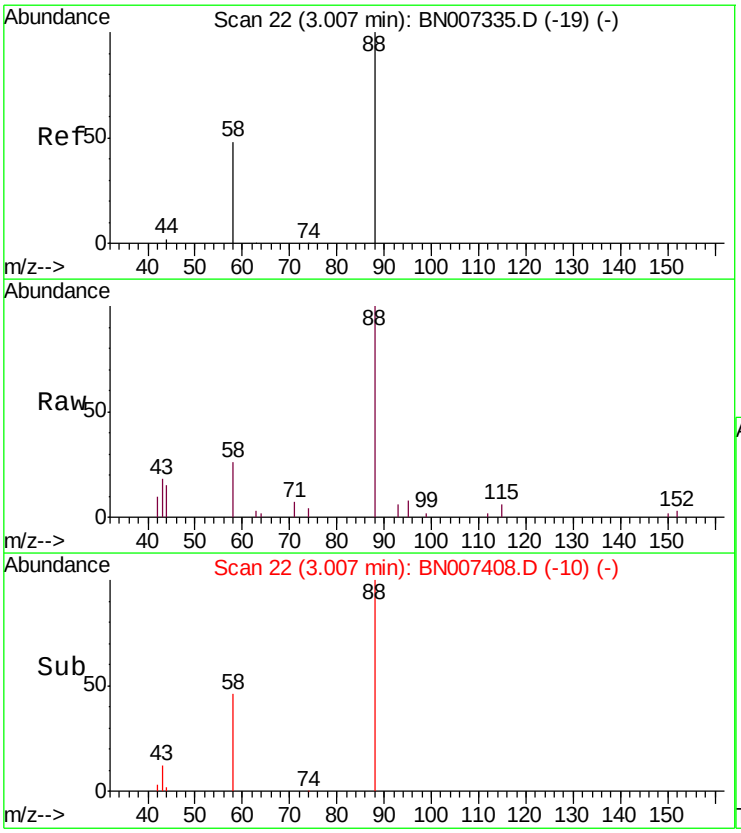
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5456

Ion	Ratio	Lower	Upper
152	100		
150	156.7	109.1	163.7
115	70.3	59.6	89.4

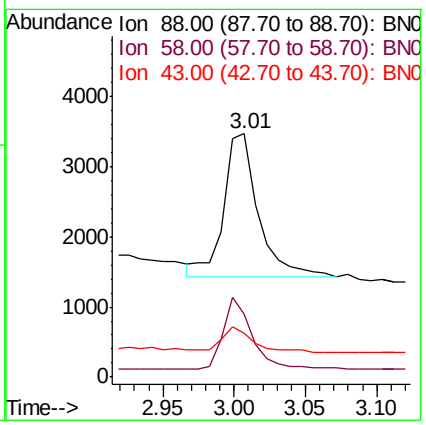


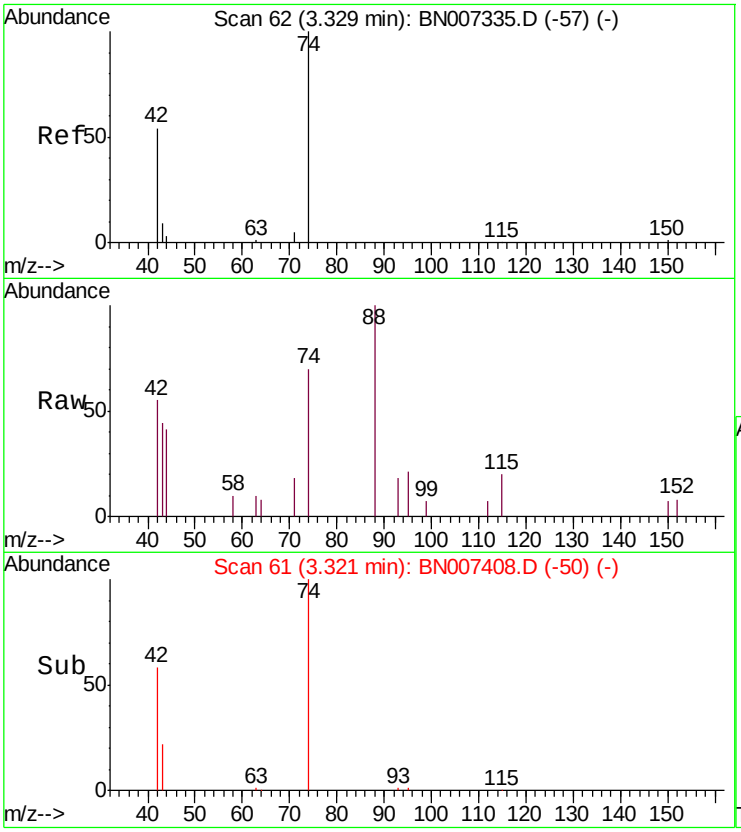


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion: 88 Resp: 3432

Ion	Ratio	Lower	Upper
88	100		
58	42.2	50.5	75.7#
43	15.7	0.0	0.0#



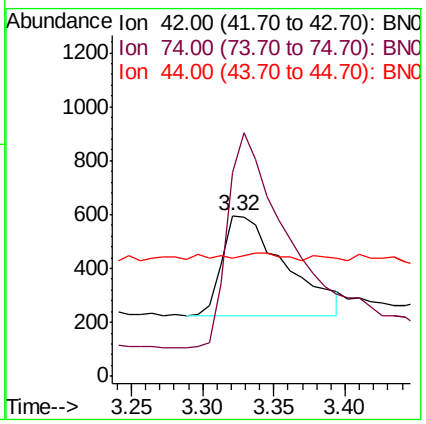


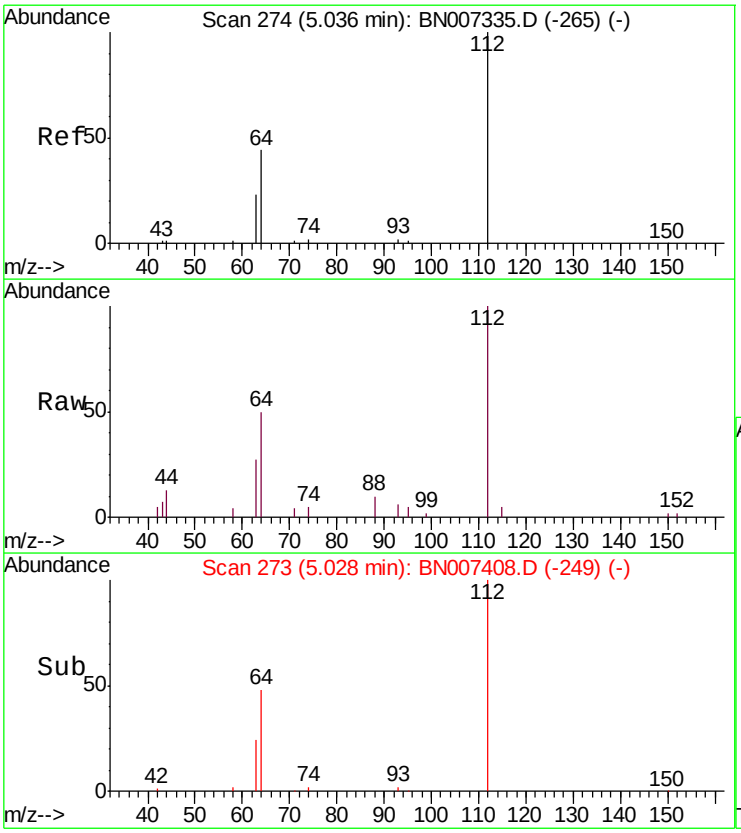
#3
n-Nitrosodimethylamine
Concen: 0.270 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1139

Ion	Ratio	Lower	Upper
42	100		
74	206.8	144.7	217.1
44	4.5	3.2	4.8

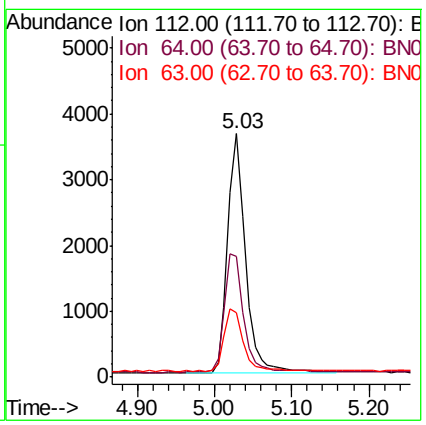


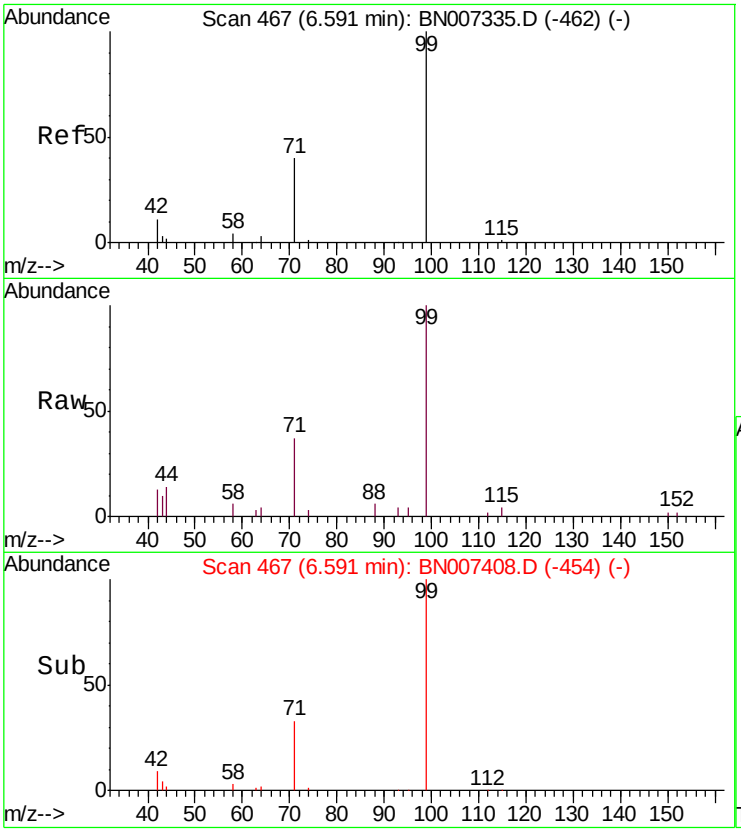


#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:112 Resp: 5854

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.3	63.5
63	27.9	23.6	35.4



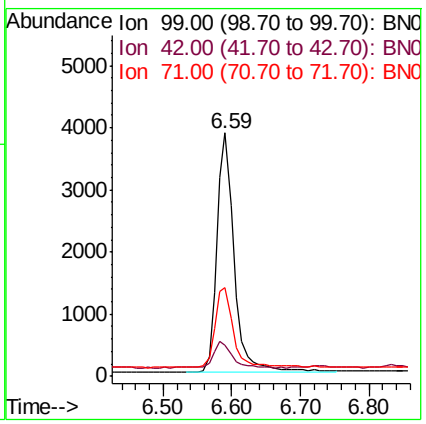


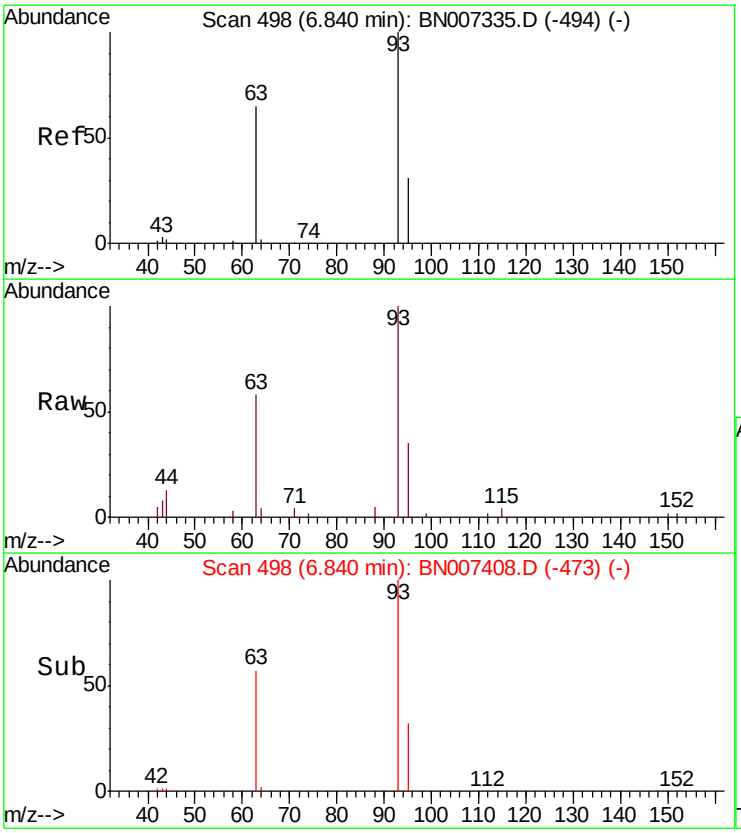
#5
Phenol-d6
Concen: 0.275 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6860

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	33.9	31.8	47.8

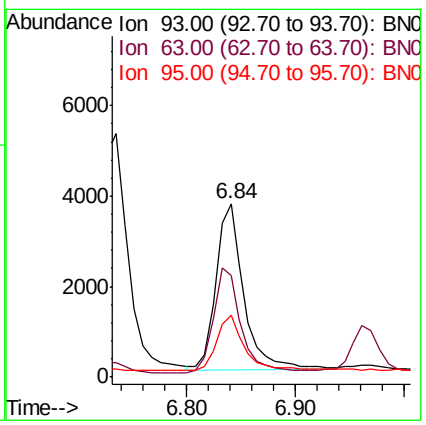


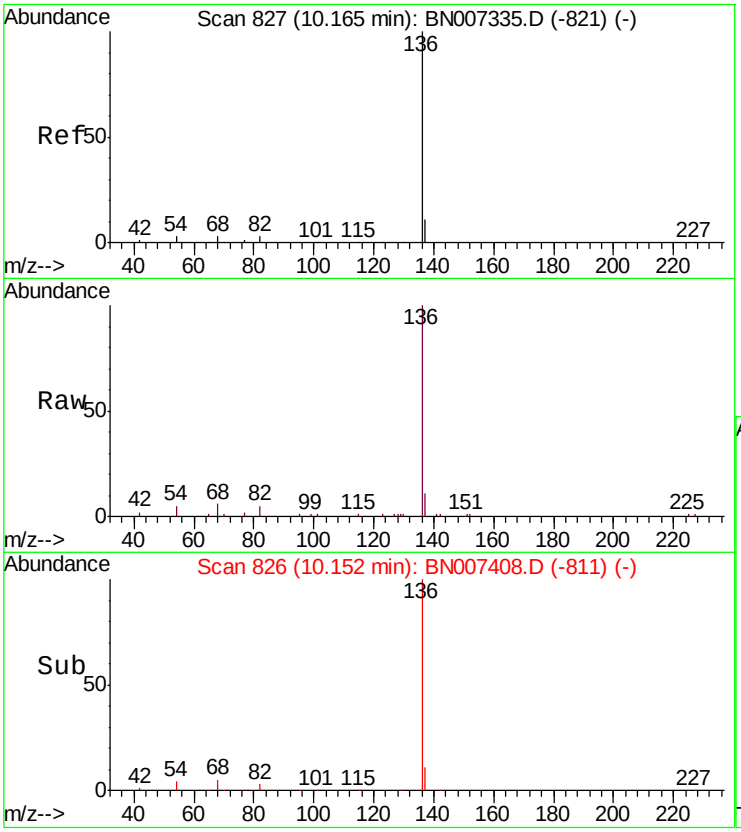


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 6.84 min Scan# 498
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion: 93 Resp: 6670

Ion	Ratio	Lower	Upper
93	100		
63	61.4	51.9	77.9
95	31.4	27.7	41.5



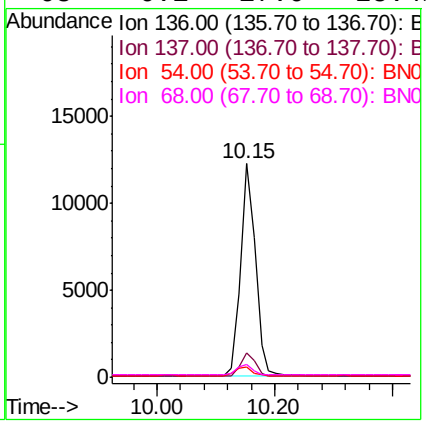


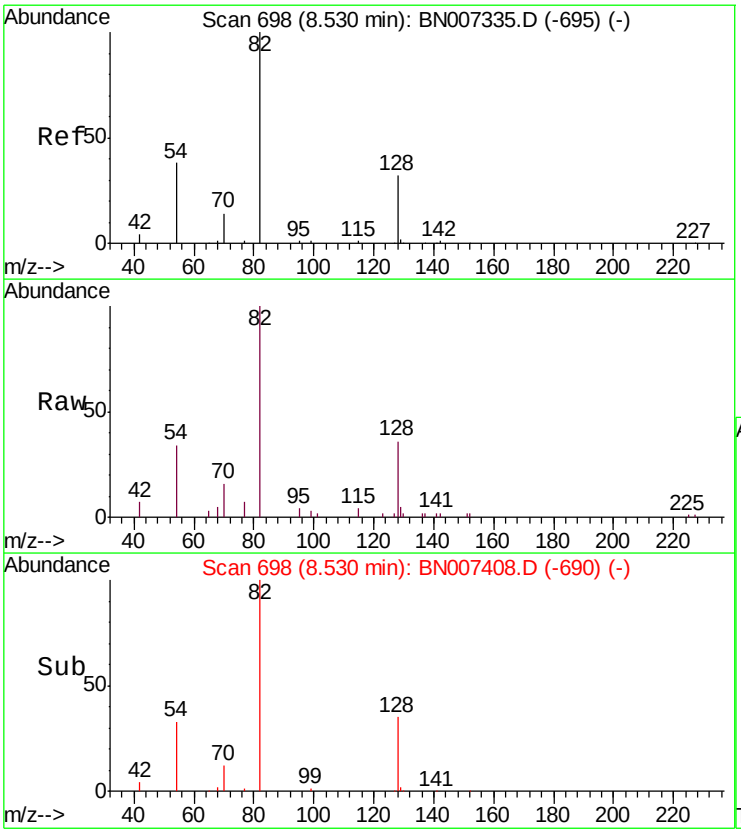
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21297

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.7	8.6	12.8#
68	6.1	17.0	25.4#

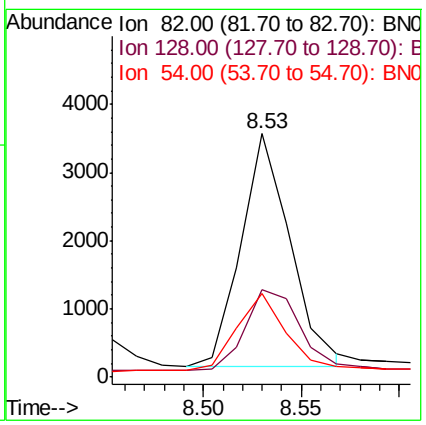


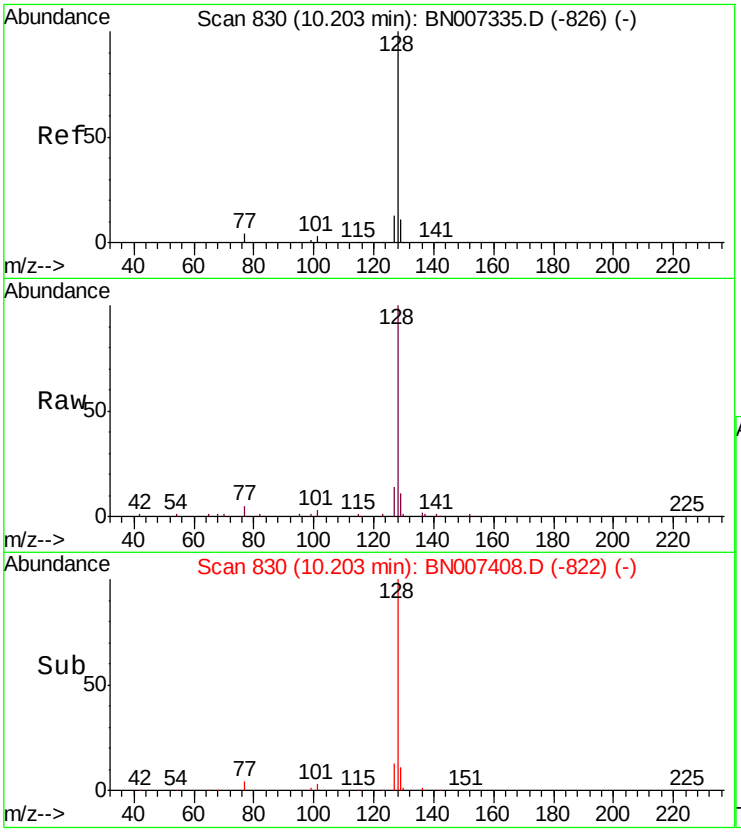


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion: 82 Resp: 5978

Ion	Ratio	Lower	Upper
82	100		
128	36.0	19.7	29.5#
54	34.2	25.8	38.6



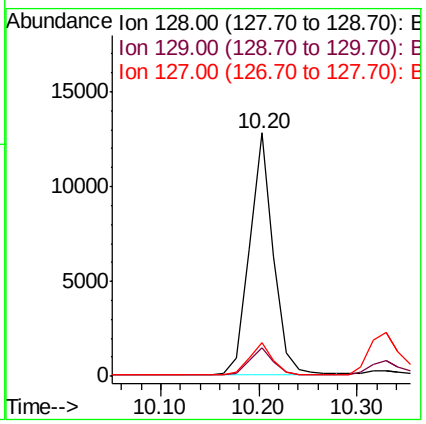


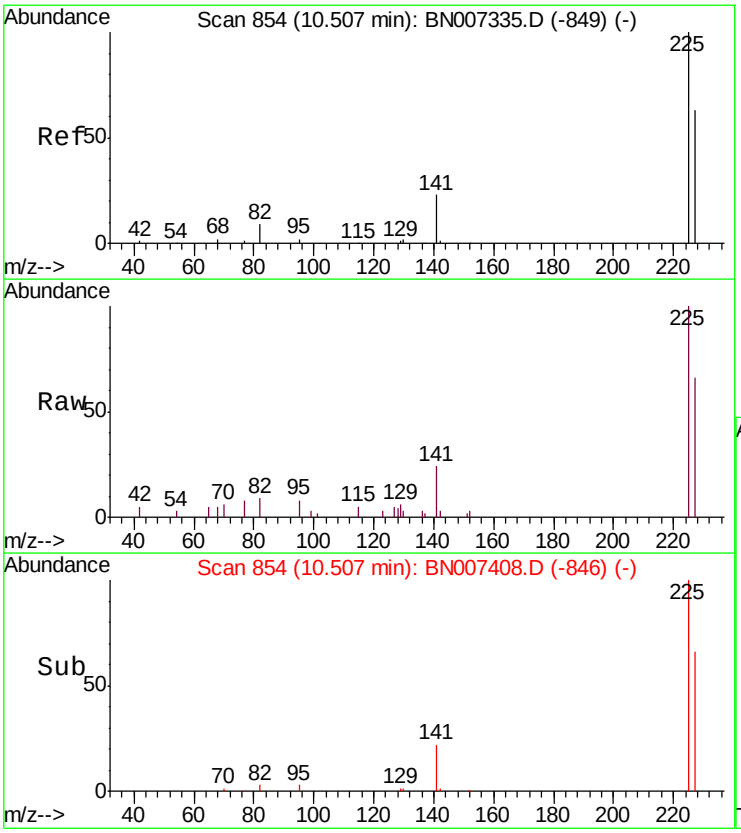
#9
Naphthalene
Concen: 0.352 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21413

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	13.6	15.5	23.3#

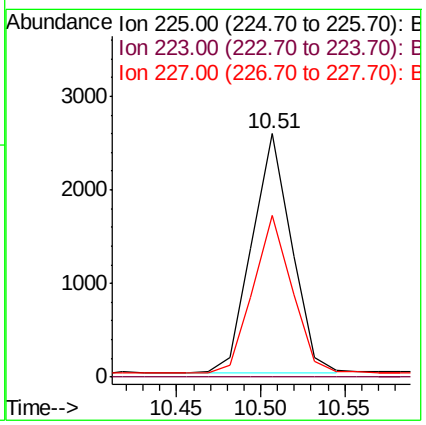


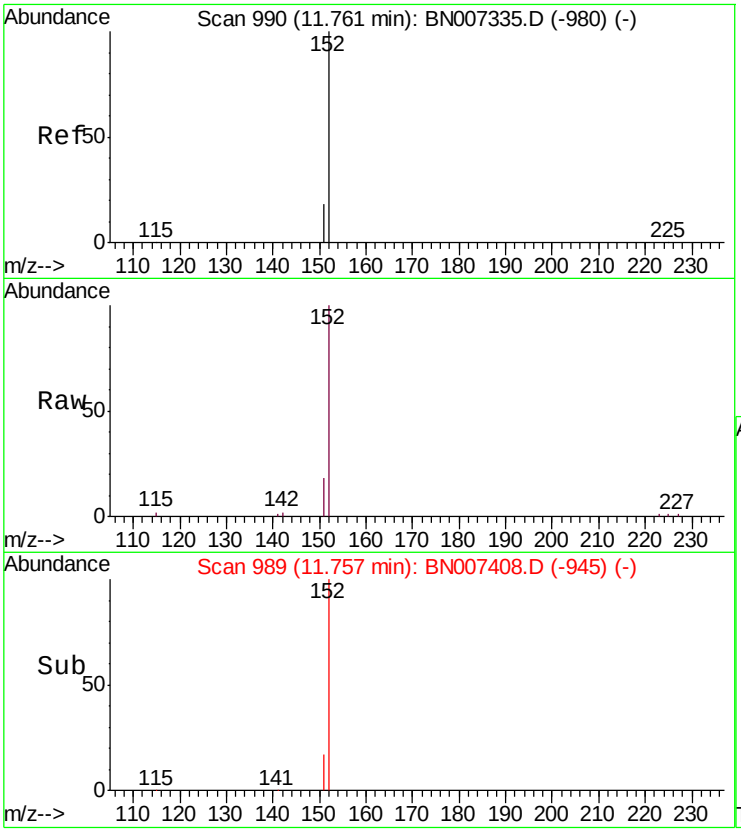


#10
Hexachlorobutadiene
Concen: 0.333 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:225 Resp: 4149

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.7	76.1



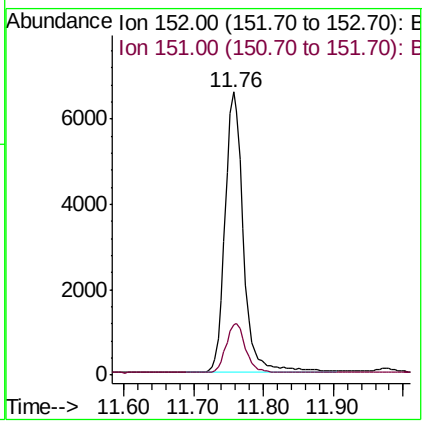


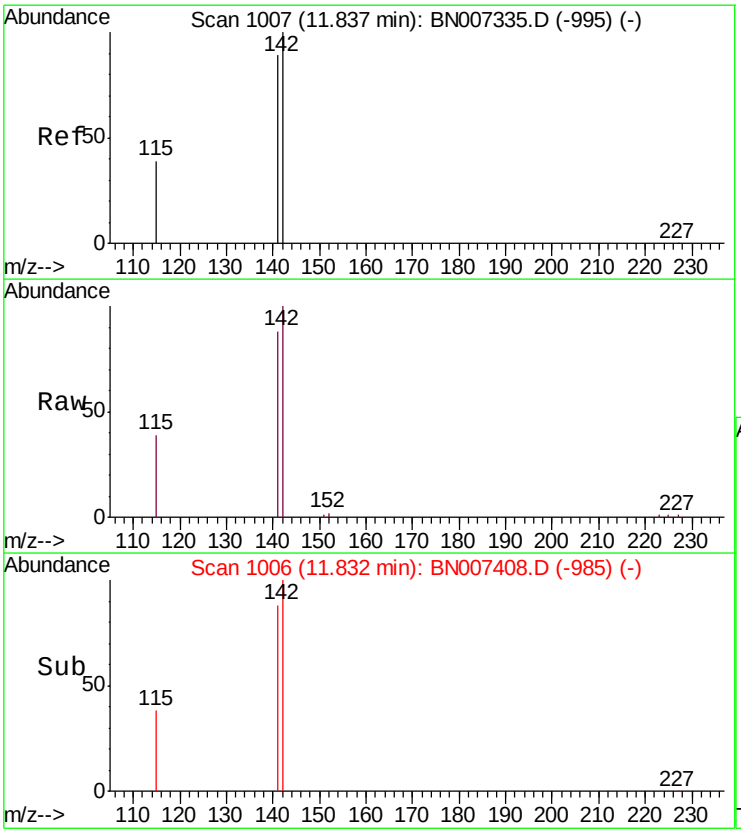
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11997

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

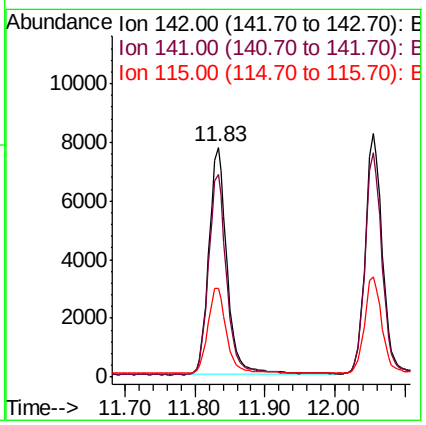


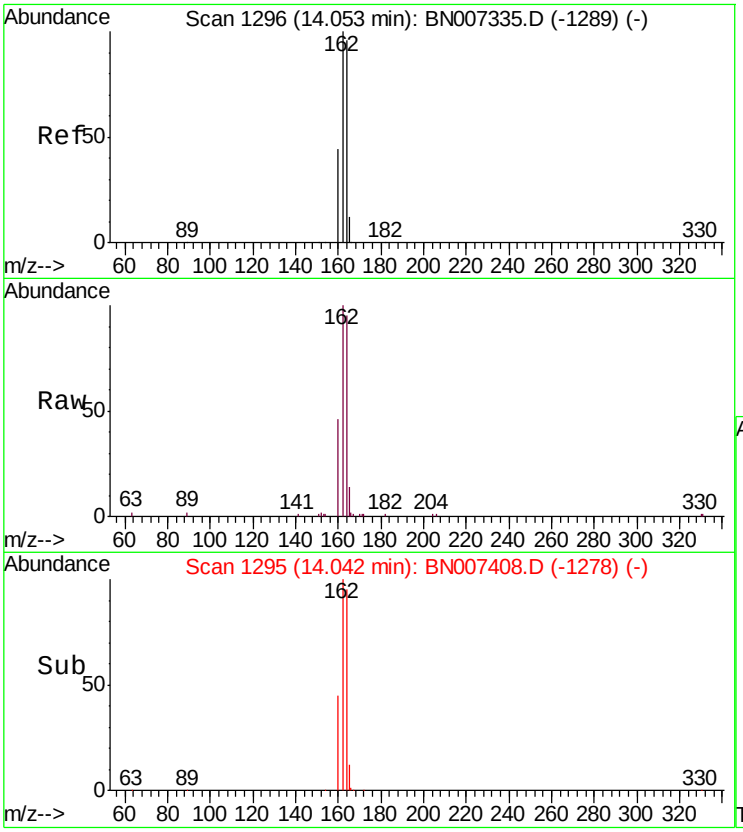


#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:142 Resp: 14051

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.8	109.2
115	38.9	35.2	52.8



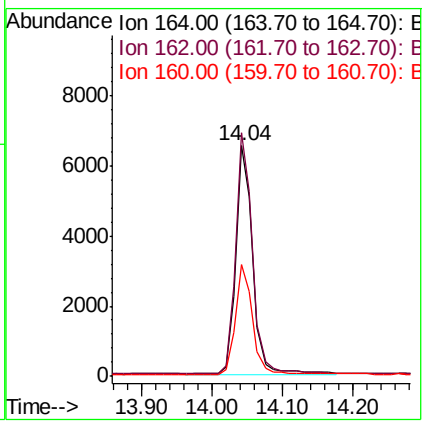


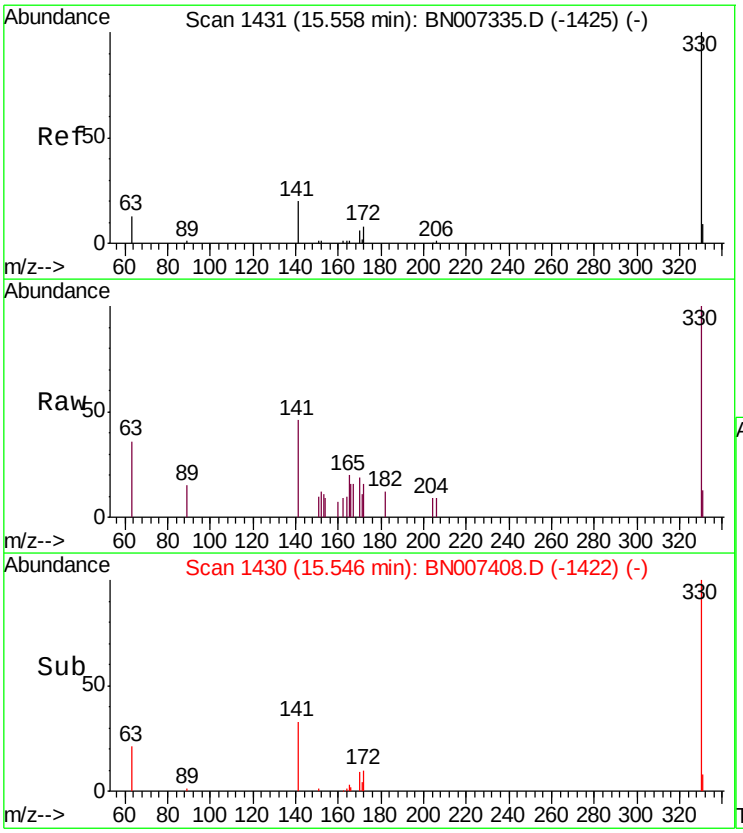
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10868

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.5	125.3
160	48.2	38.2	57.4

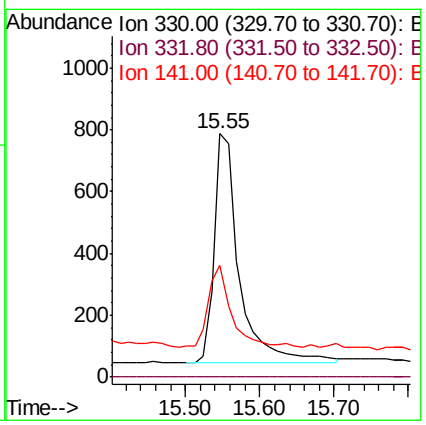


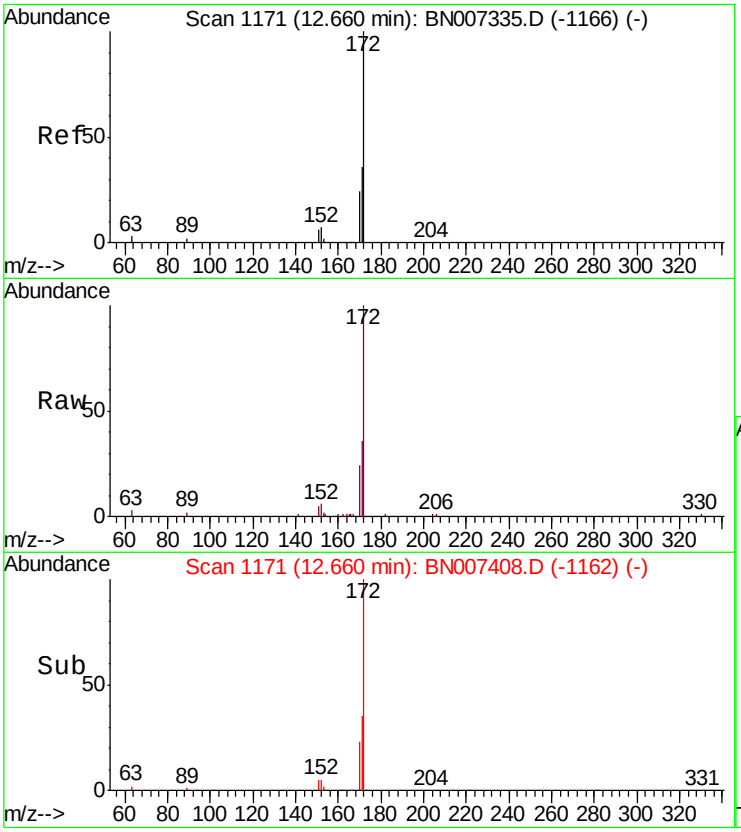


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:330 Resp: 1734

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	26.9	40.3



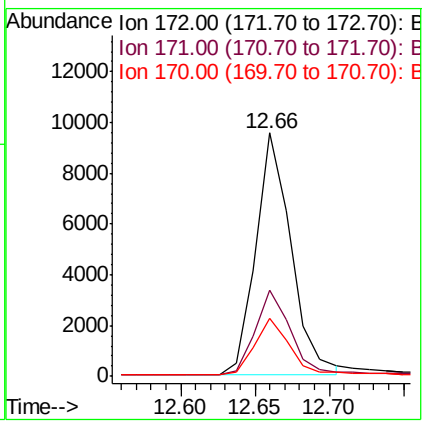


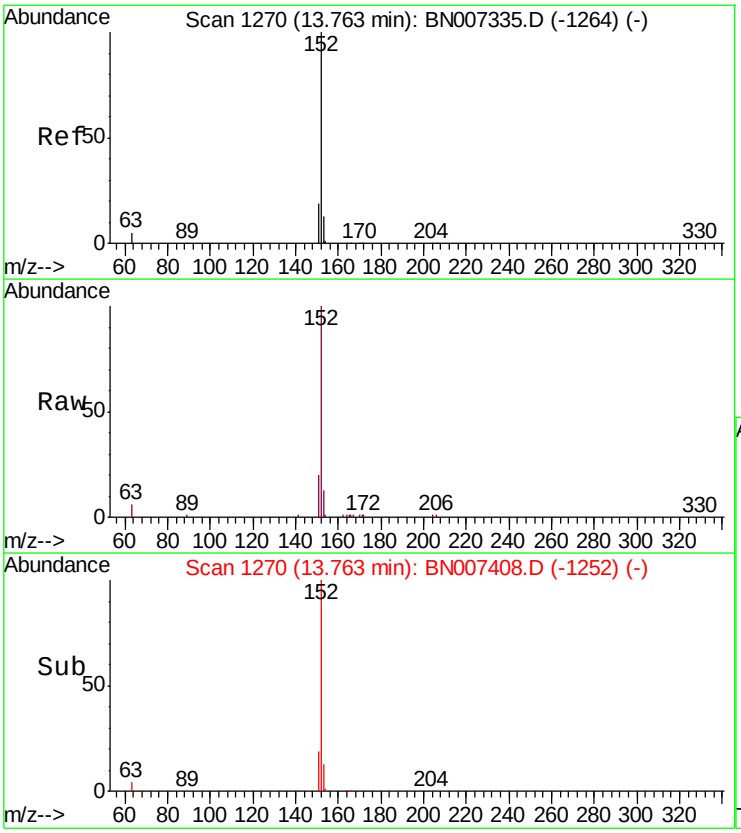
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15722

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.3	45.5
170	23.8	20.7	31.1

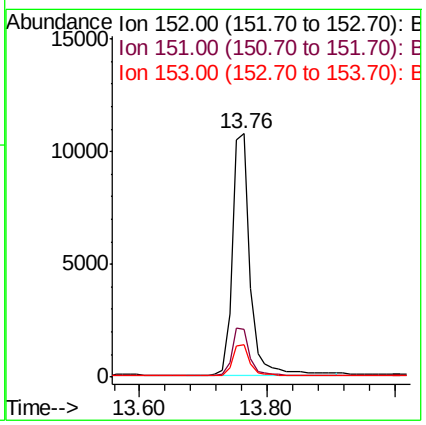


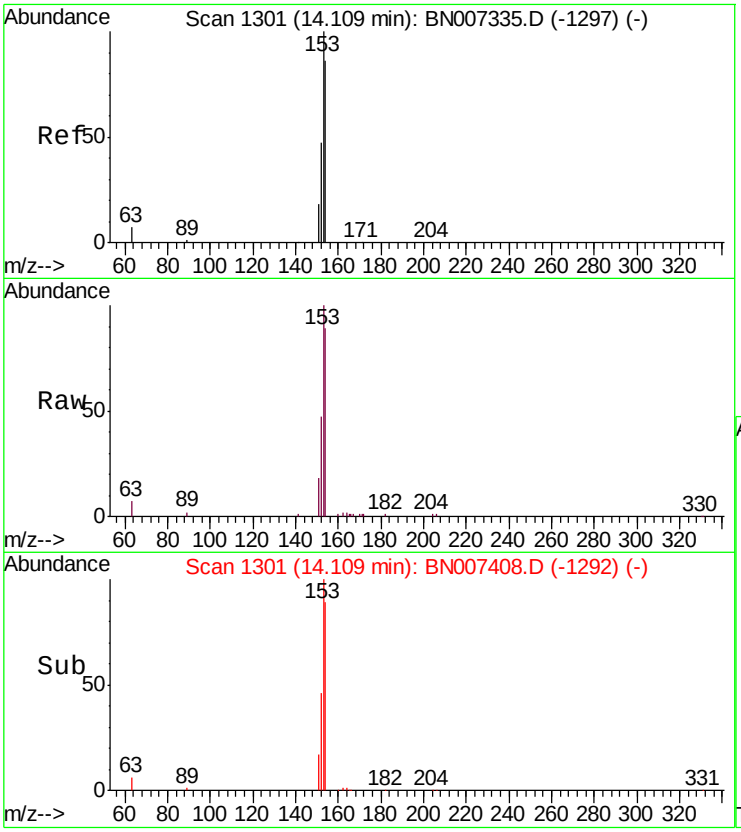


#16
Acenaphthylene
Concen: 0.322 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:152 Resp: 20731

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.6	15.8



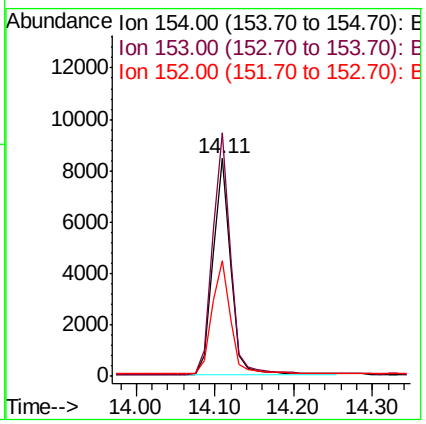


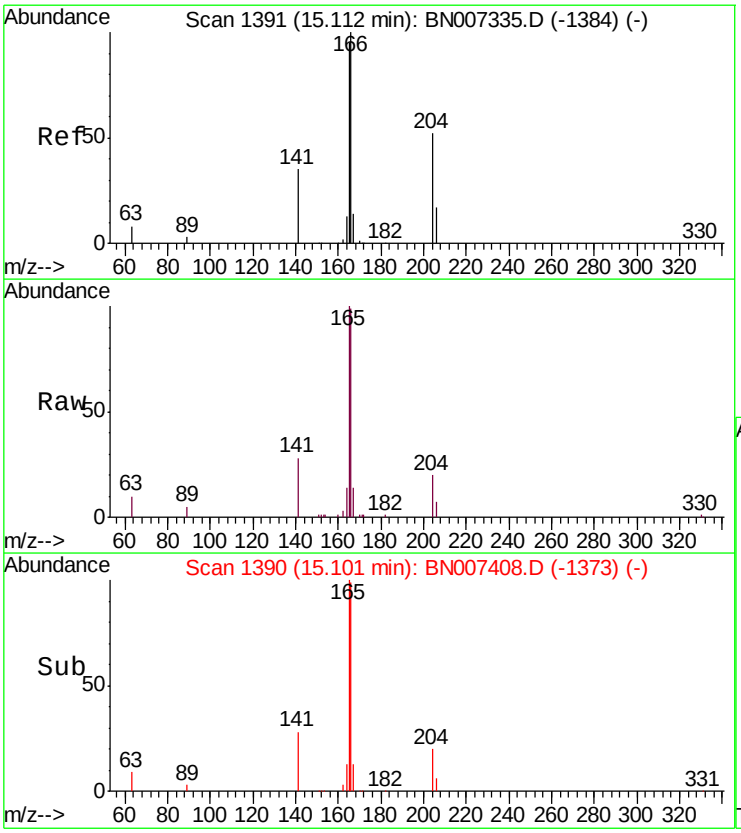
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13232

Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.8	139.2
152	53.4	43.8	65.8

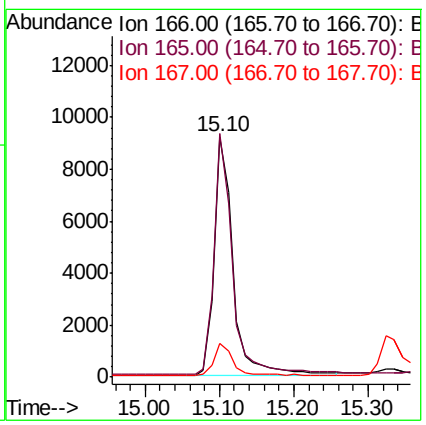


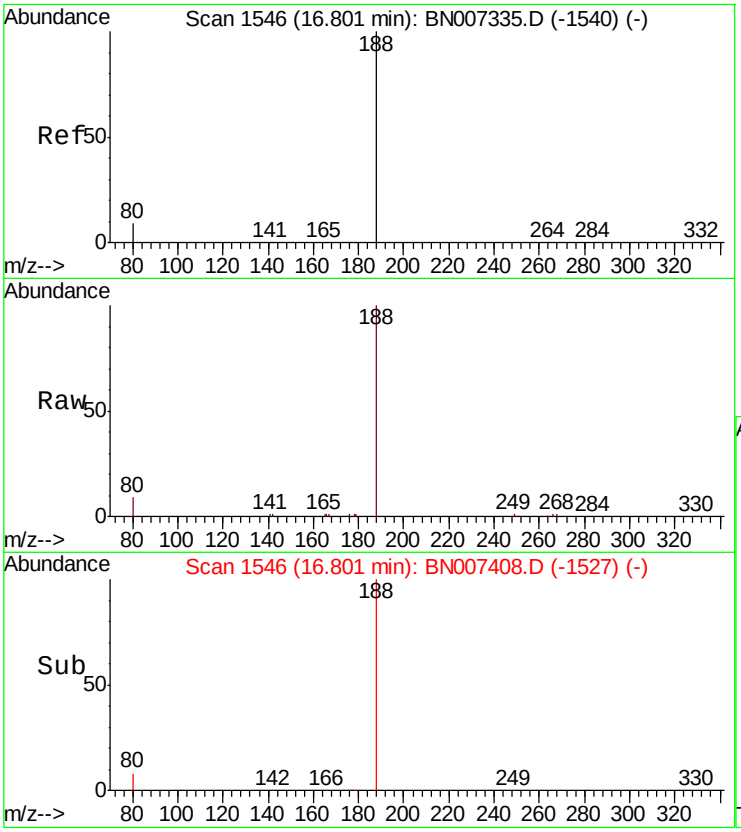


#18
Fluorene
Concen: 0.343 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:166 Resp: 16325

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.4	10.6	15.8



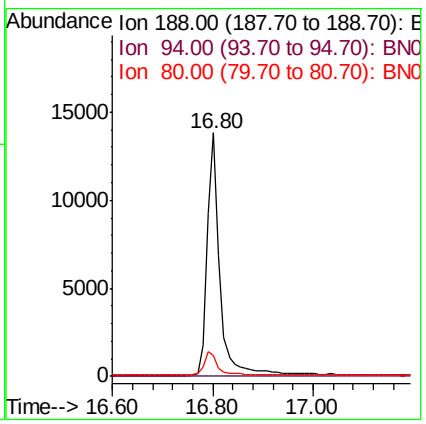


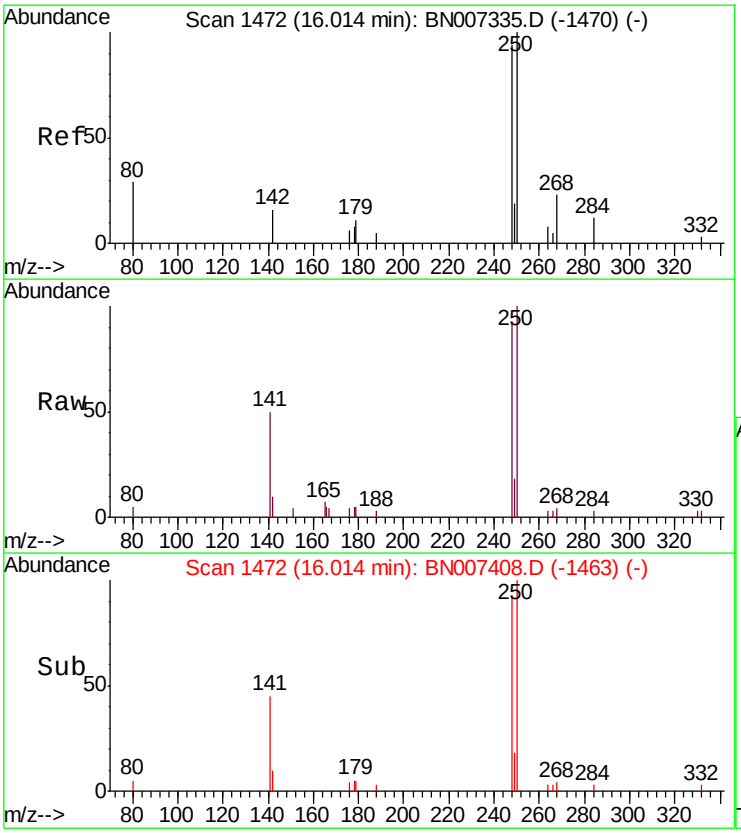
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24737

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	11.8	17.8#

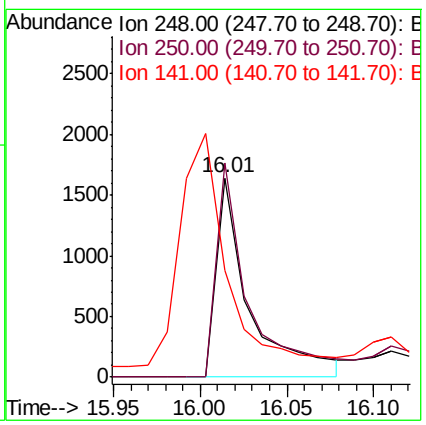


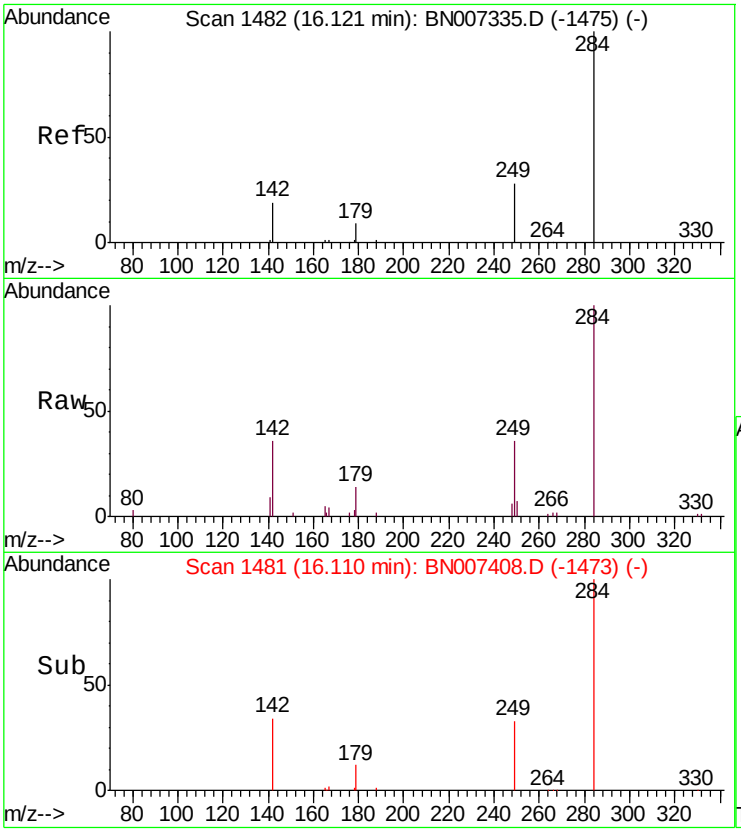


#20
4-Bromophenyl-phenylether
Concen: 0.224 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:248 Resp: 2186

Ion	Ratio	Lower	Upper
248	100		
250	107.5	85.0	127.6
141	53.3	51.7	77.5



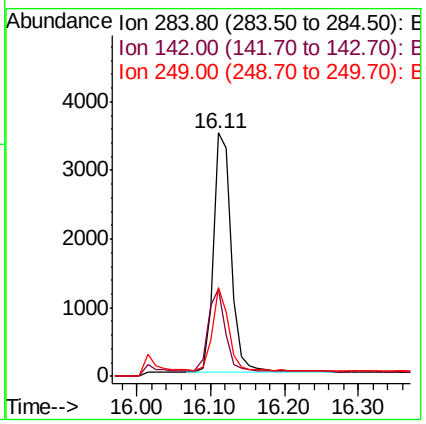


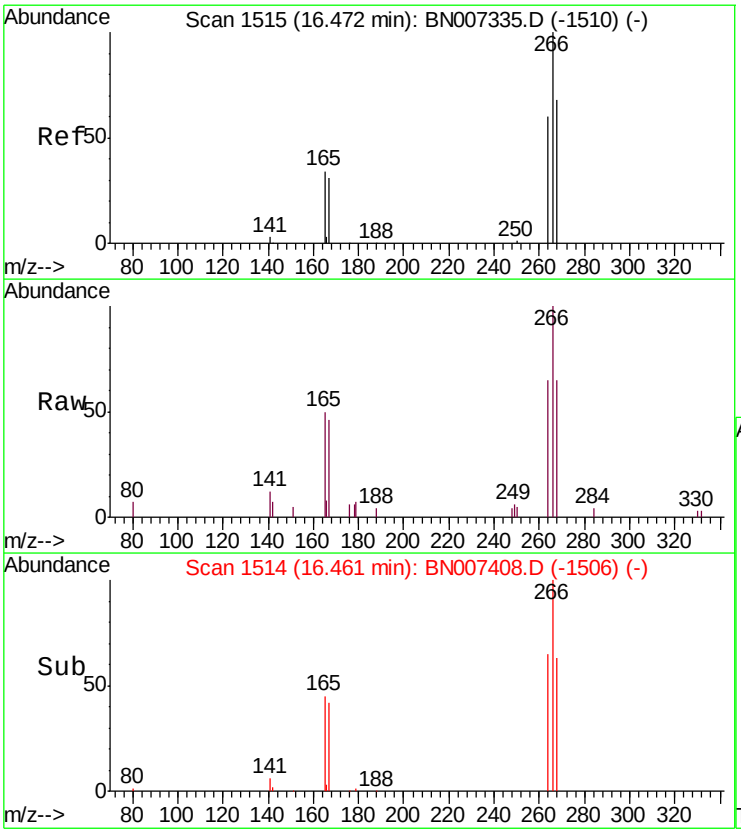
#21
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6016

Ion	Ratio	Lower	Upper
284	100		
142	33.8	29.0	43.6
249	30.4	24.9	37.3

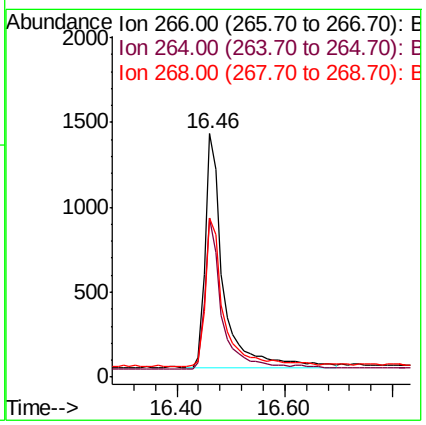


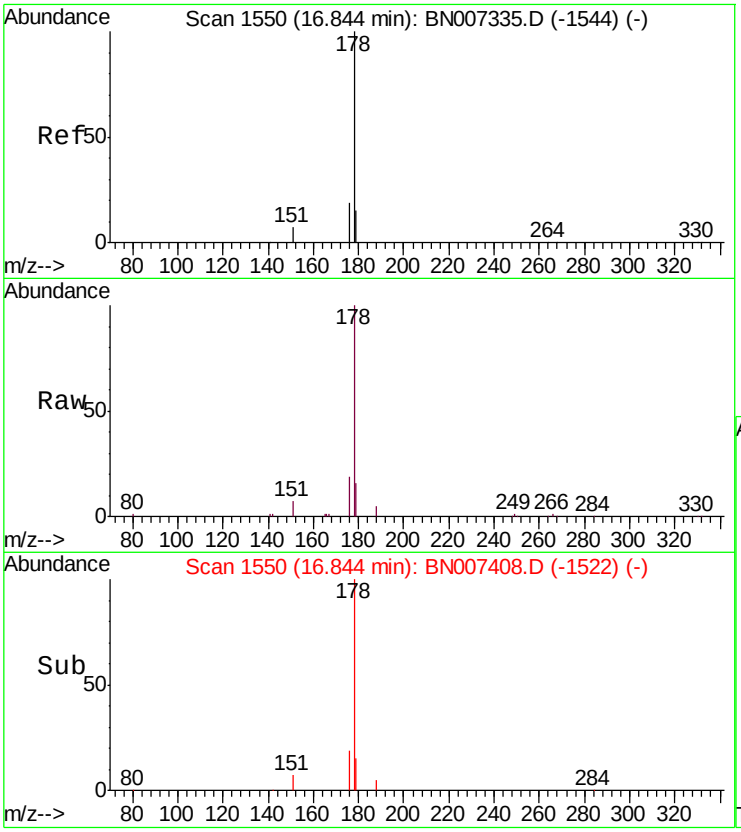


#22
Pentachlorophenol
Concen: 0.631 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:266 Resp: 3251

Ion	Ratio	Lower	Upper
266	100		
264	65.4	57.8	86.8
268	65.1	99.7	149.5#



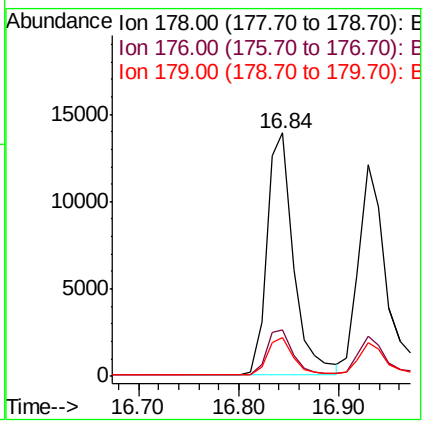


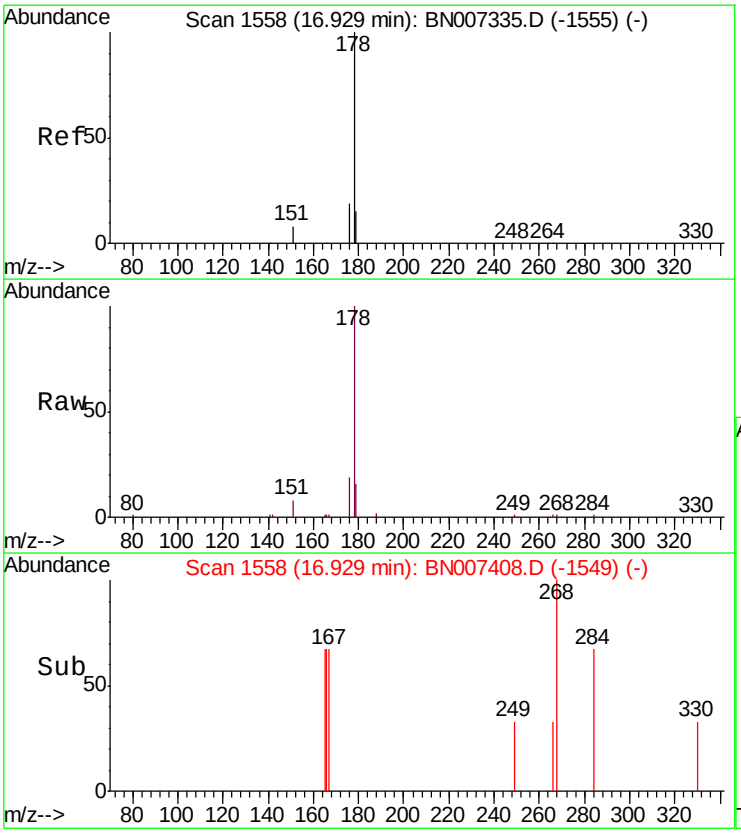
#23
Phenanthrene
Concen: 0.343 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 25502

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

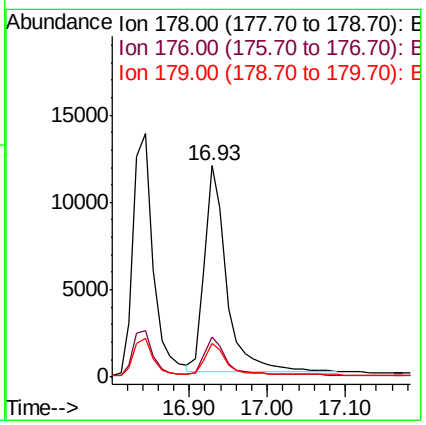


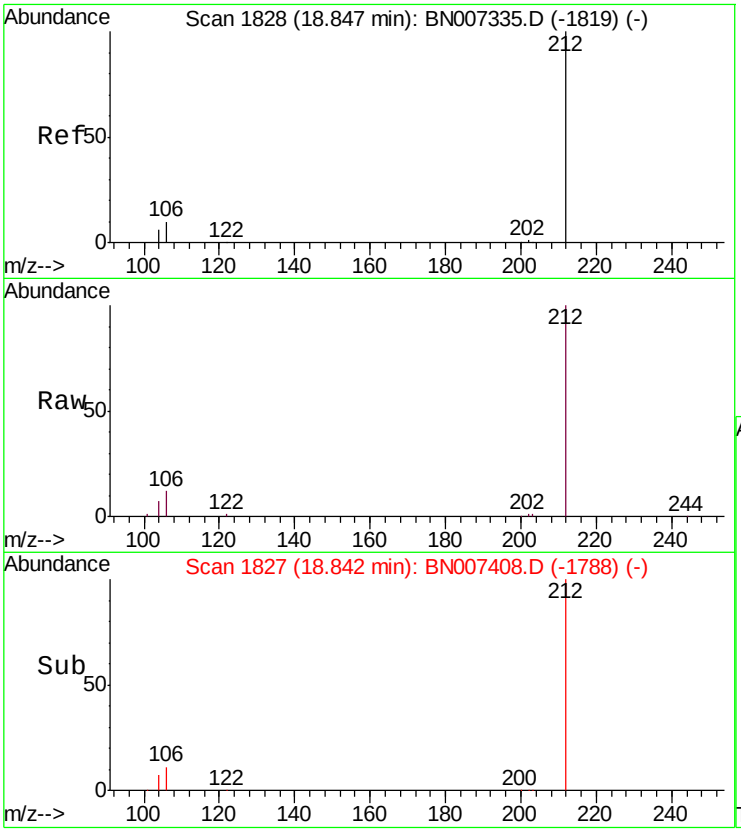


#24
Anthracene
Concen: 0.306 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:178 Resp: 22887

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.1	12.4	18.6



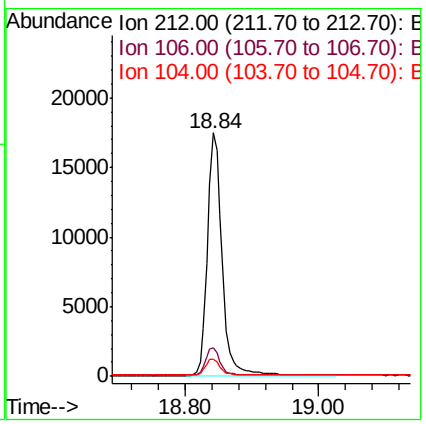


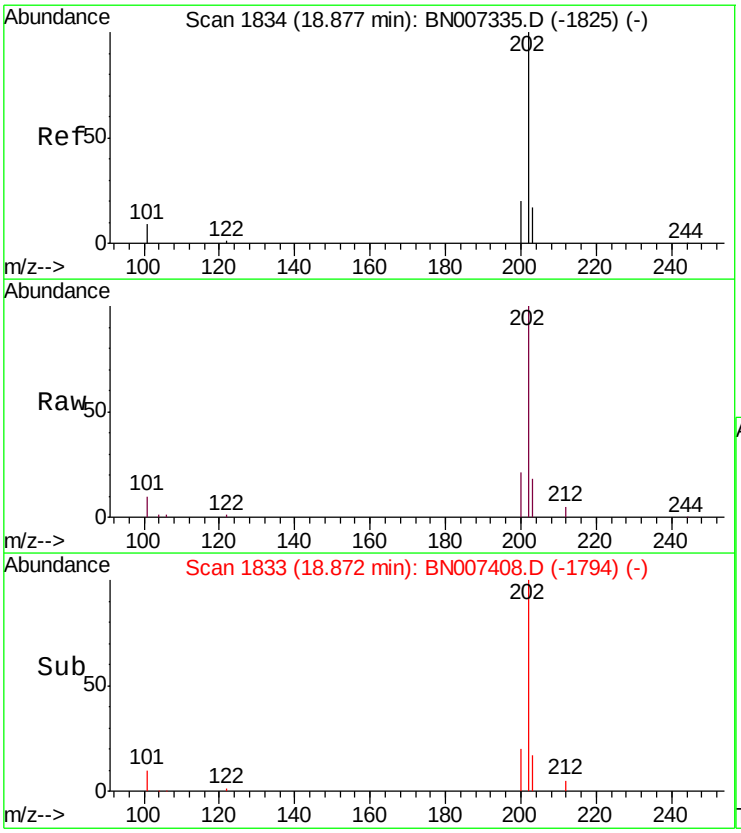
#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 26481

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.0	13.4
104	6.6	5.4	8.2

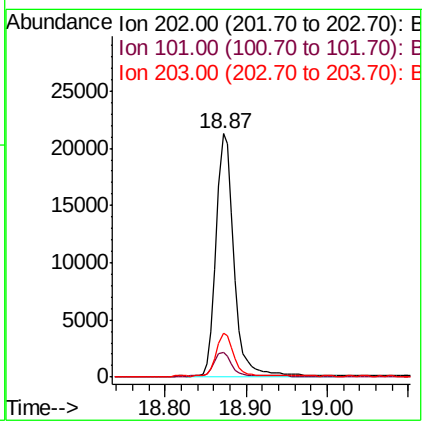


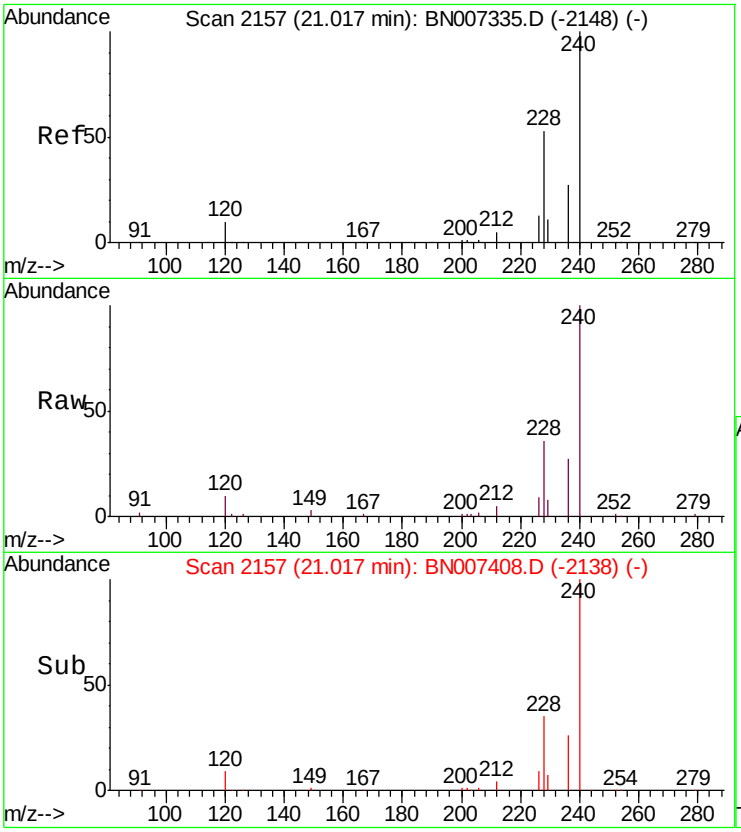


#26
Fluoranthene
Concen: 0.337 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:202 Resp: 32161

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.7	11.5
203	17.0	13.7	20.5



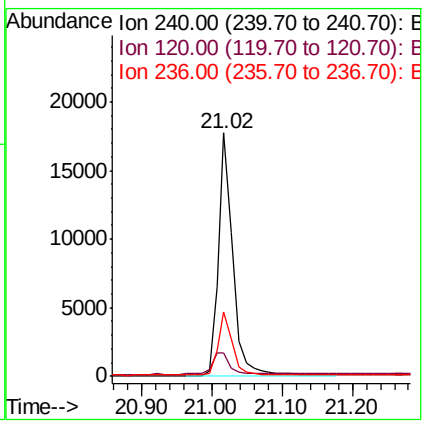


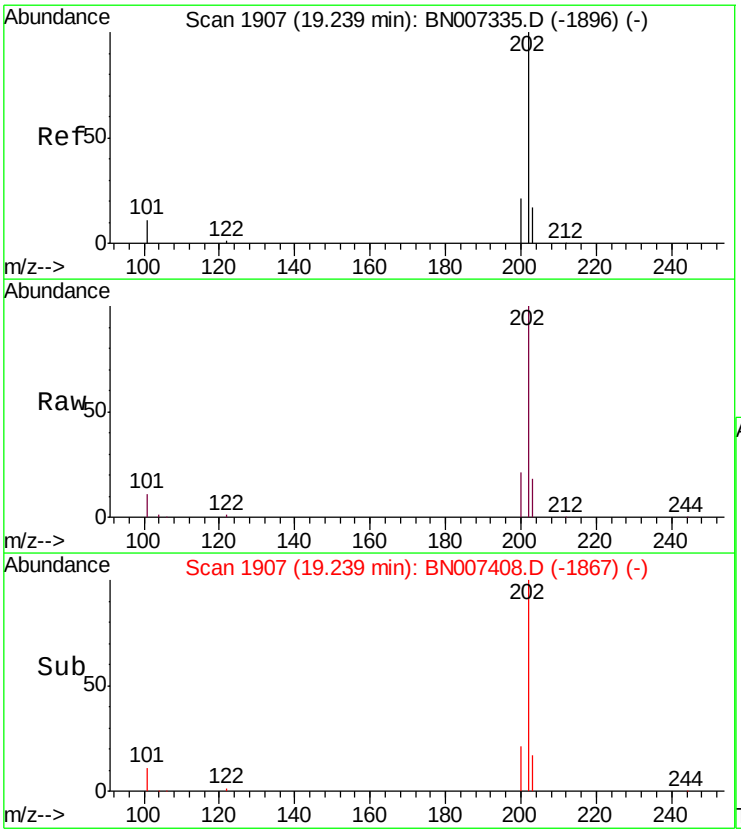
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25755

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.6	14.4#
236	26.6	22.2	33.2

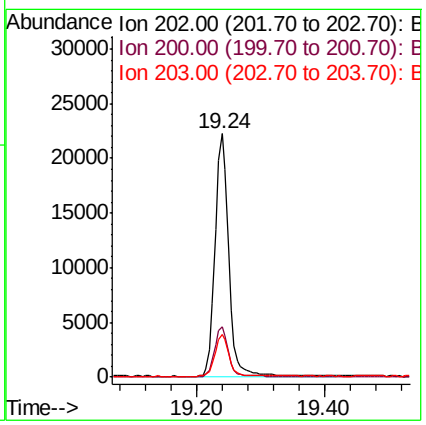


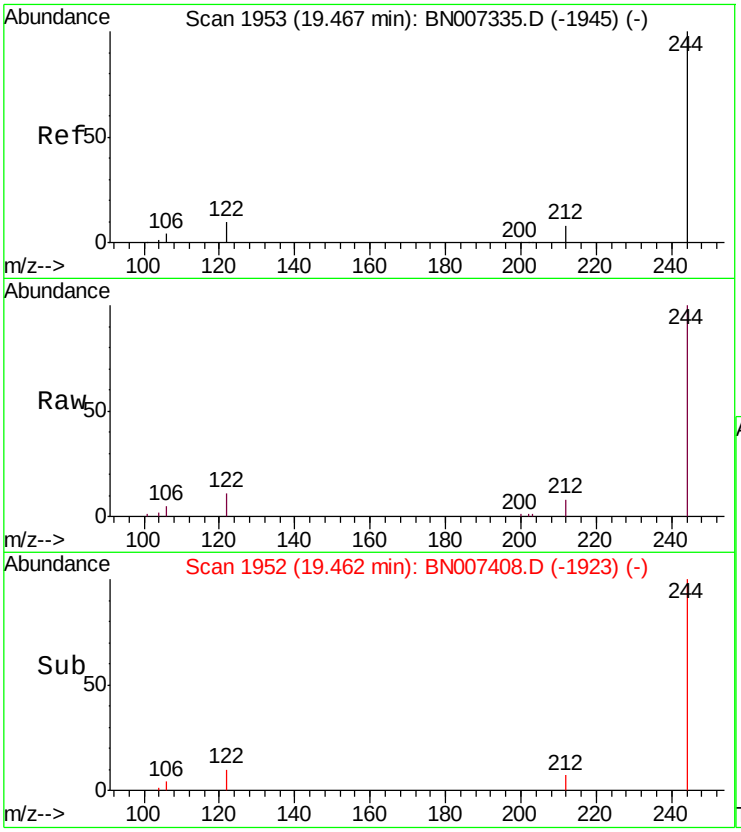


#28
Pyrene
Concen: 0.319 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:202 Resp: 33075

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.5	14.2	21.4



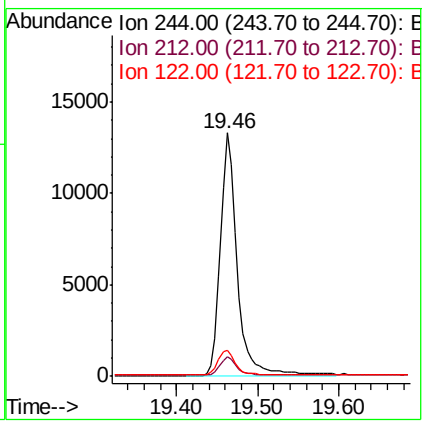


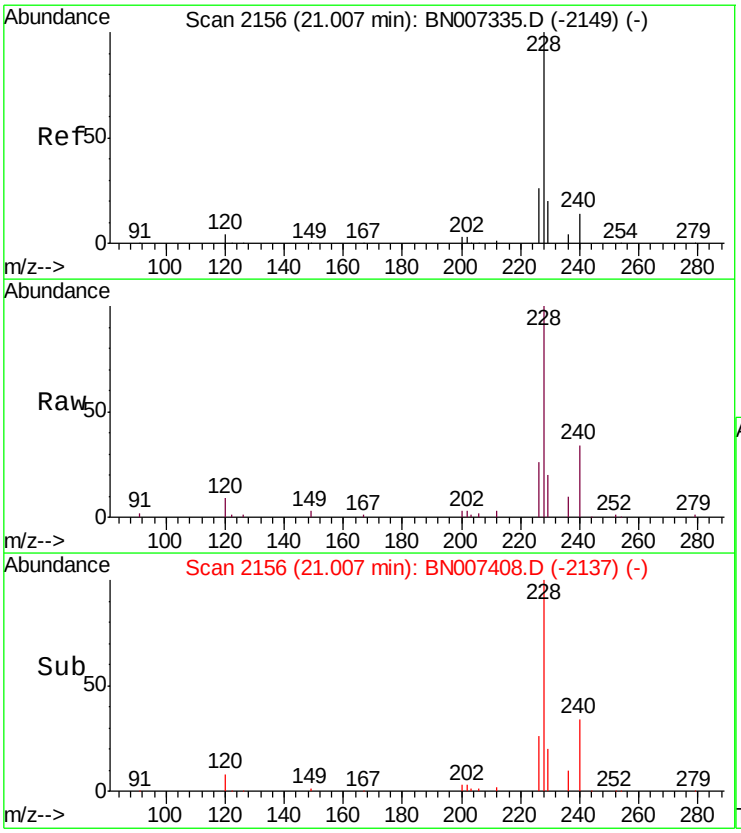
#29
Terphenyl-d14
Concen: 0.283 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19060

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	10.5	9.6	14.4

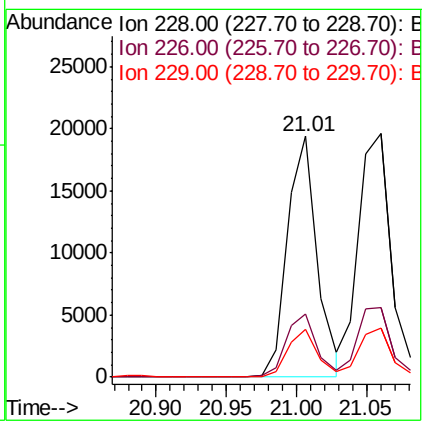


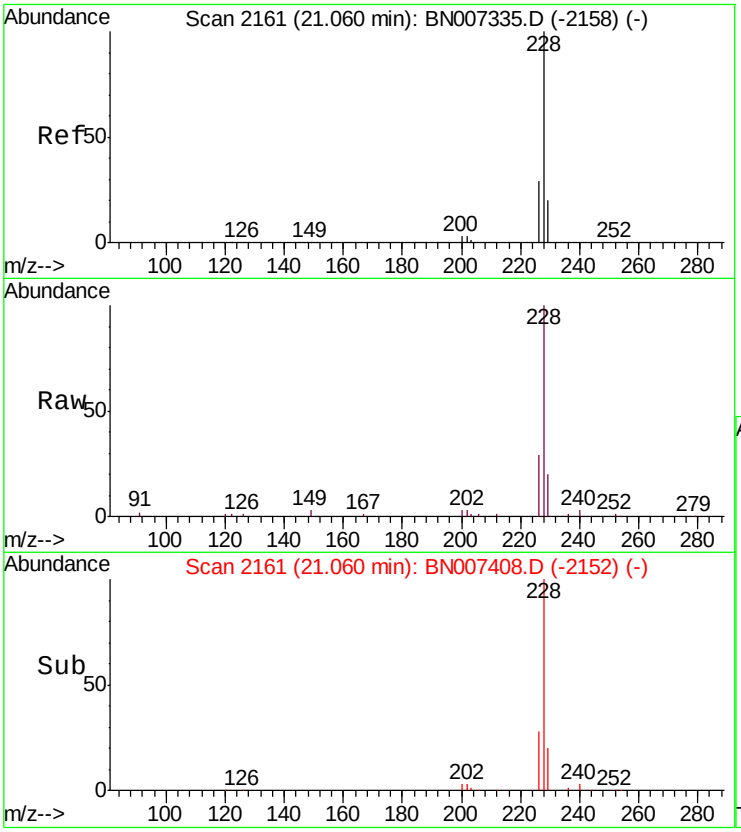


#30
Benzo(a)anthracene
Concen: 0.281 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:228 Resp: 28410

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	19.8	16.1	24.1



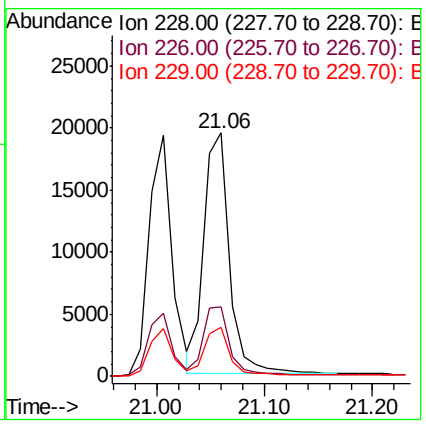


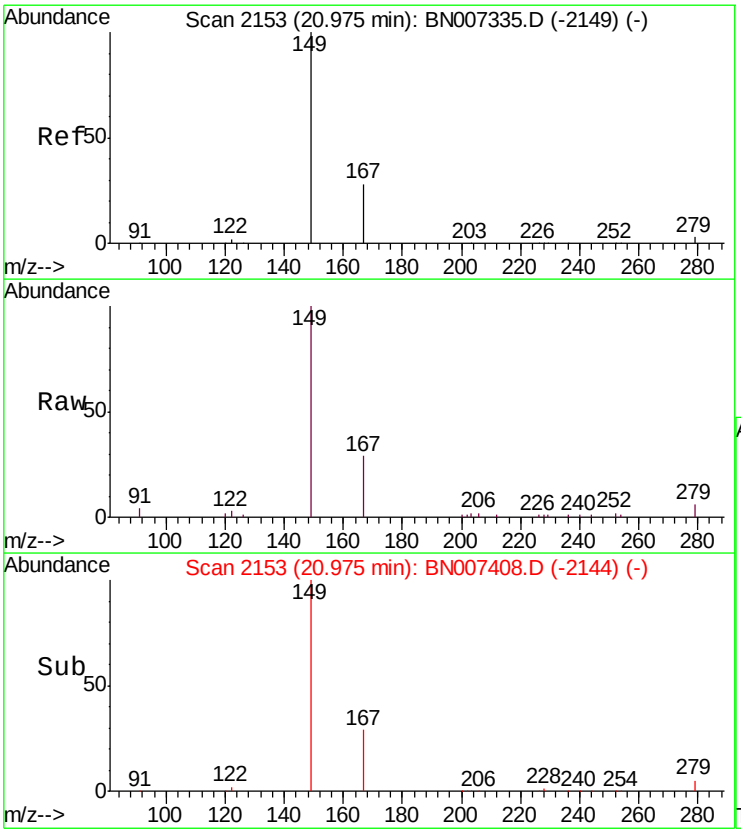
#31
Chrysene
Concen: 0.324 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 31642

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.1	16.6	24.8

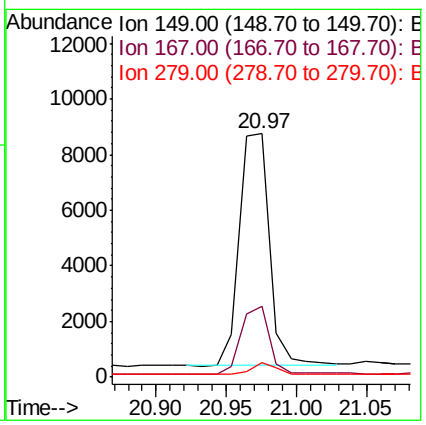


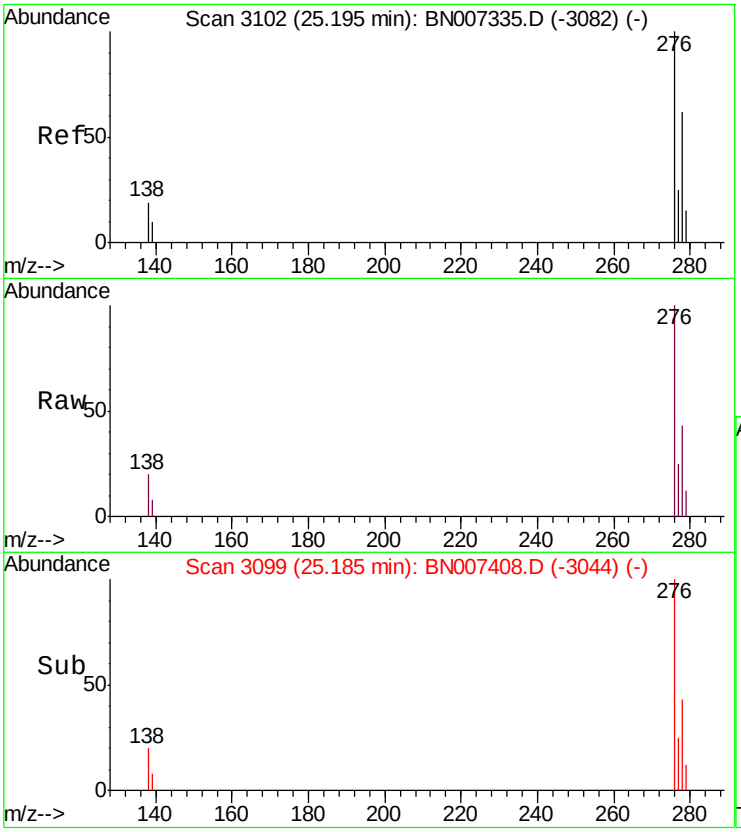


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.171 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:149 Resp: 12425

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.2	3.5	5.3



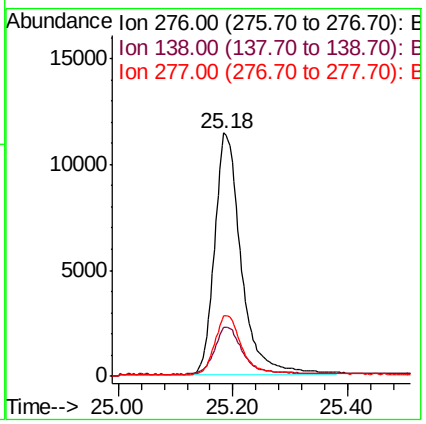


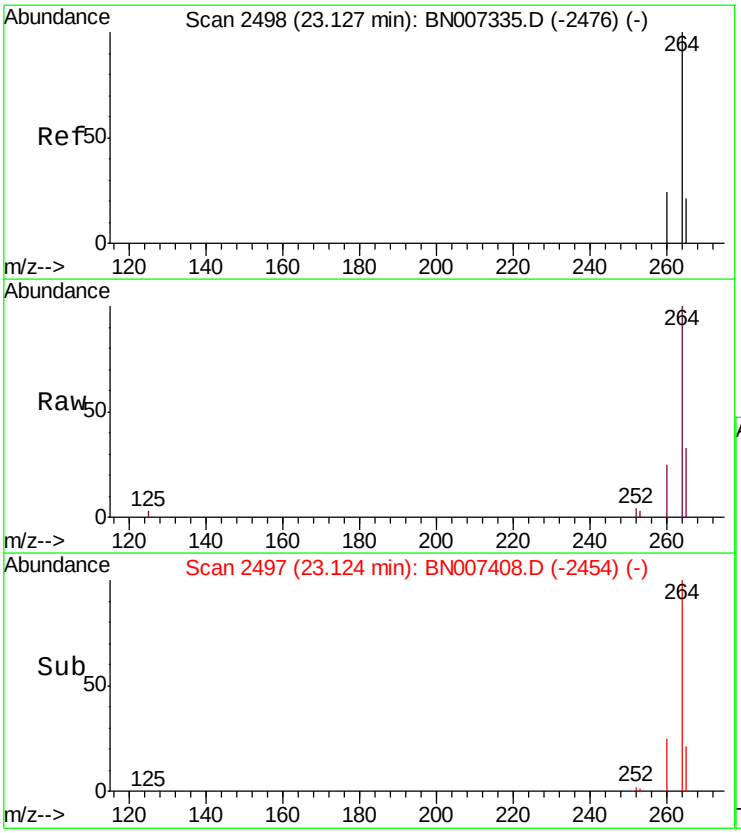
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36901

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.1	22.7
277	24.5	19.7	29.5

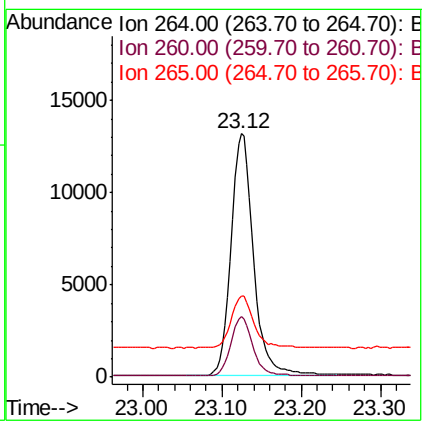


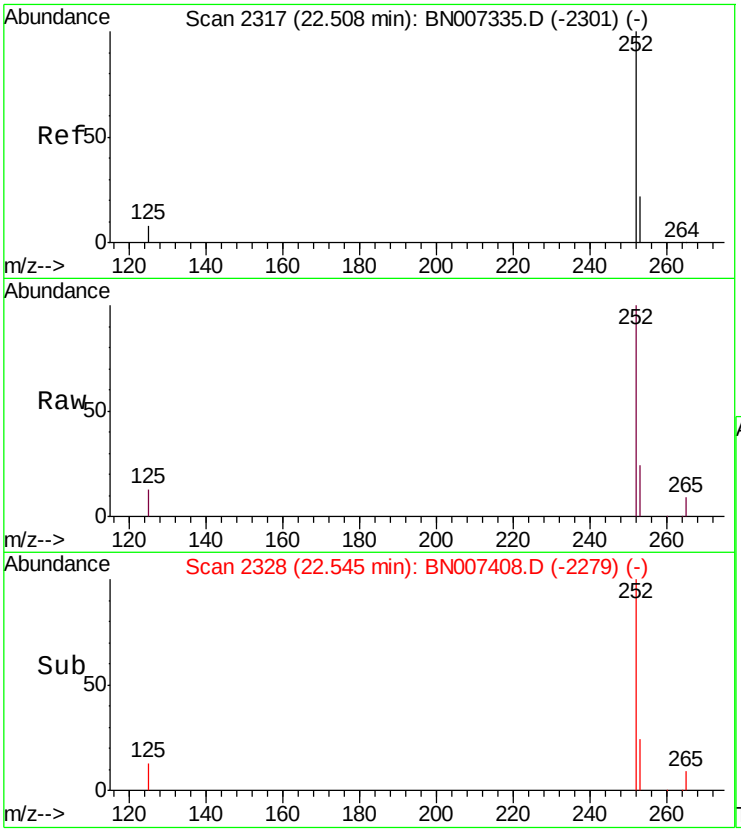


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:264 Resp: 25915

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	33.1	29.9	44.9



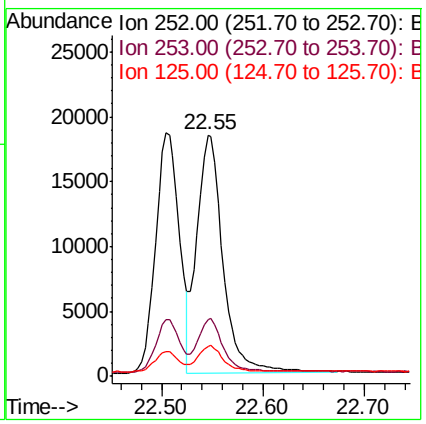


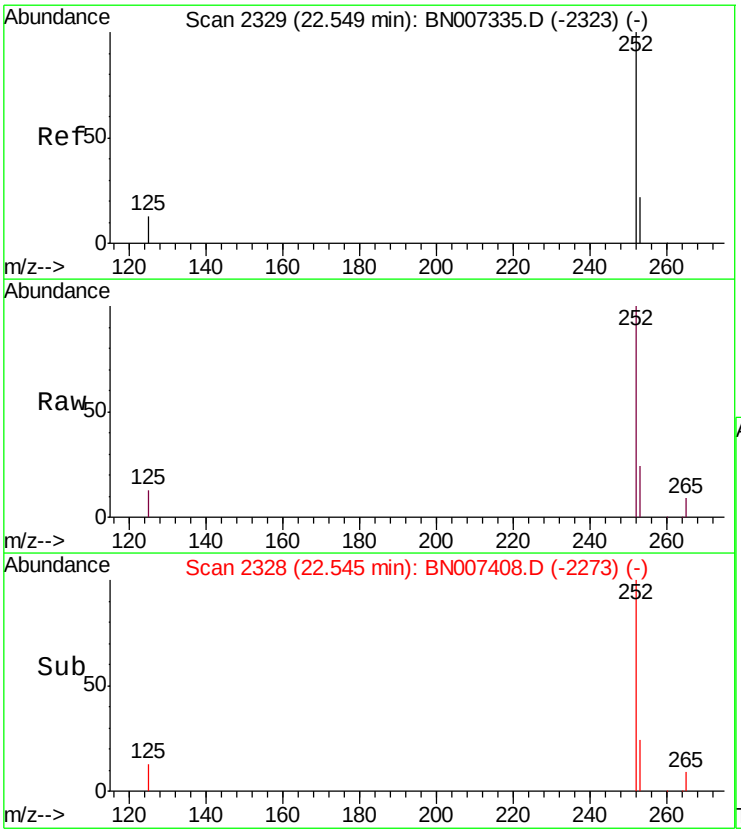
#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 22.55 min Scan# 2328
Delta R.T. 0.04 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32447

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	12.6	10.6	16.0

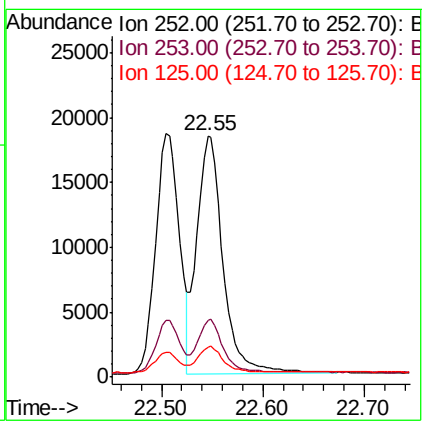


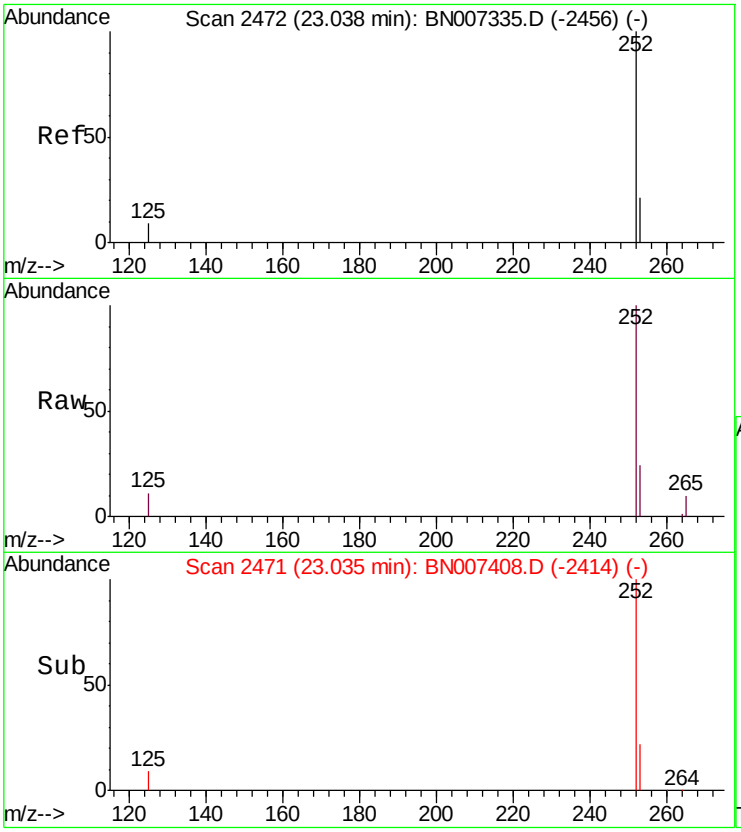


#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 22.55 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:252 Resp: 32447

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	12.6	13.1	19.7#



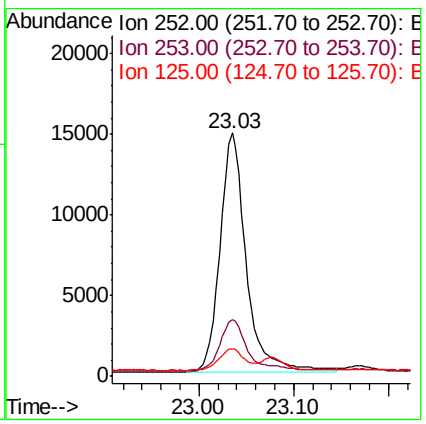


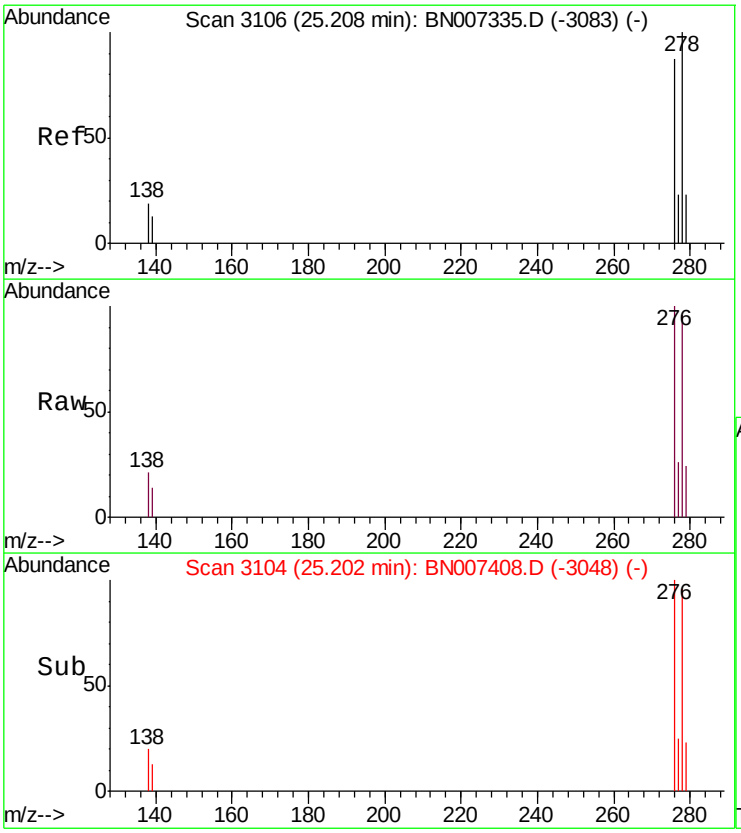
#37
Benzo(a)pyrene
Concen: 0.322 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28736

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.5	29.3
125	11.4	12.1	18.1#

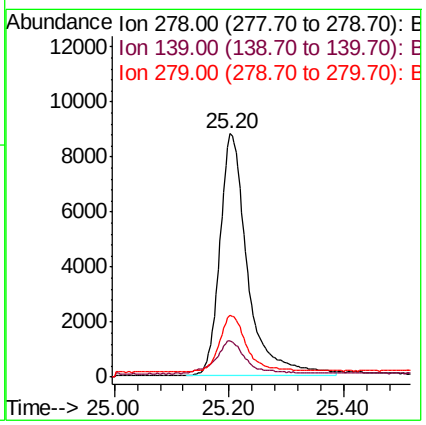


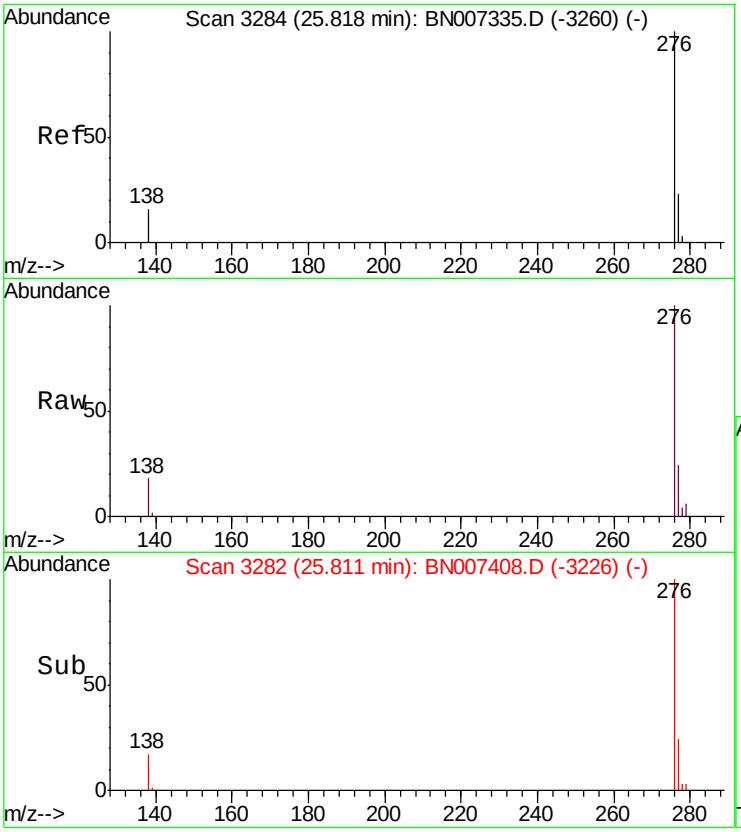


#38
Dibenzo(a,h)anthracene
Concen: 0.329 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion:278 Resp: 29360

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.7	20.5
279	25.5	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 30704

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	18.2	16.3	24.5