Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007548.D
Acq On : 06 Sep 2019 18:59
Operator : HP/JU
Sample : PB122825BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 07 00:02:45 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	5716	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	22991	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	12190	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	27948	0.40	ng		0.00
27) Chrysene-d12	21.02	240	25748	0.40	ng		0.00
34) Perylene-d12	23.11	264	28695	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6683	0.33	ng		-0.02
5) Phenol-d6	6.58	99	8052	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	7009	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	14166	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	1811	0.28	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	19819	0.40	ng		0.00
25) Fluoranthene-d10	18.83	212	31680	0.35	ng		-0.01
29) Terphenyl-d14	19.46	244	26273	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3989	0.420	ng	#	83
3) n-Nitrosodimethylamine	3.33	42	1242	0.281	ng		78
6) bis(2-Chloroethyl)ether	6.83	93	7531	0.365	ng		99
9) Naphthalene	10.19	128	26157	0.398	ng	#	90
10) Hexachlorobutadiene	10.49	225	4762	0.354	ng	#	97
12) 2-Methylnaphthalene	11.82	142	17009	0.380	ng		95
16) Acenaphthylene	13.75	152	23709	0.329	ng		99
17) Acenaphthene	14.10	154	16477	0.390	ng		98
18) Fluorene	15.09	166	20776	0.389	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2292	0.208	ng	#	92
21) Hexachlorobenzene	16.10	284	7260	0.388	ng		98
22) Pentachlorophenol	16.46	266	1247	0.214	ng	#	68
23) Phenanthrene	16.83	178	33521	0.399	ng		99
24) Anthracene	16.92	178	28660	0.339	ng		99
26) Fluoranthene	18.86	202	39144	0.363	ng		98
28) Pyrene	19.23	202	40098	0.387	ng		99
30) Benzo(a)anthracene	20.99	228	36059	0.357	ng		99
31) Chrysene	21.05	228	38794	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	15331	0.215	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	48230	0.410	ng	#	95
35) Benzo(b)fluoranthene	22.49	252	39009	0.375	ng		96
36) Benzo(k)fluoranthene	22.53	252	44479	0.433	ng	#	94
37) Benzo(a)pyrene	23.02	252	36859	0.373	ng		97
38) Dibenzo(a,h)anthracene	25.18	278	38334	0.388	ng		97
39) Benzo(g,h,i)perylene	25.79	276	38889	0.395	ng		99

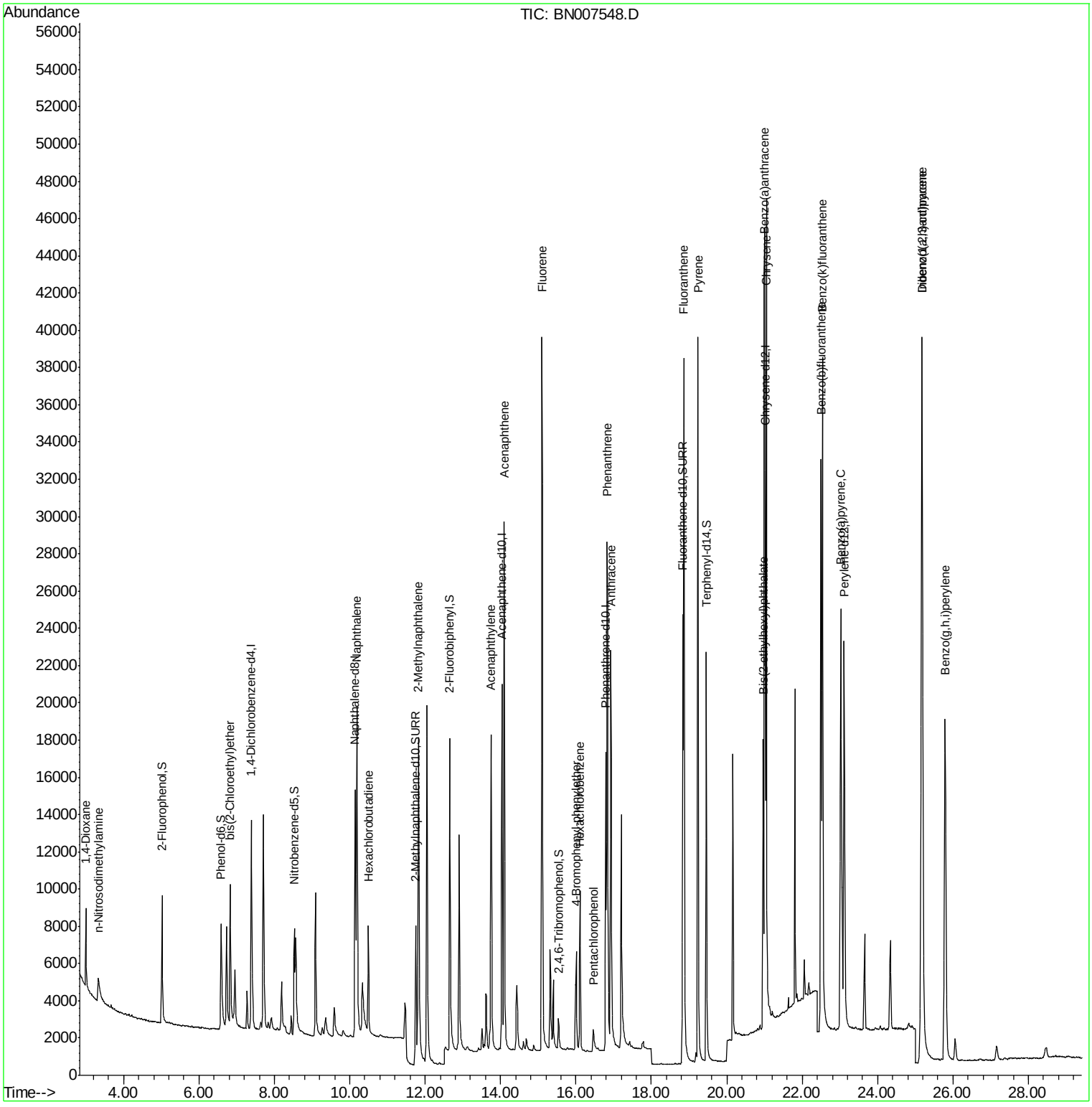
(#) = qualifier out of range (m) = manual integration (+) = signals summed

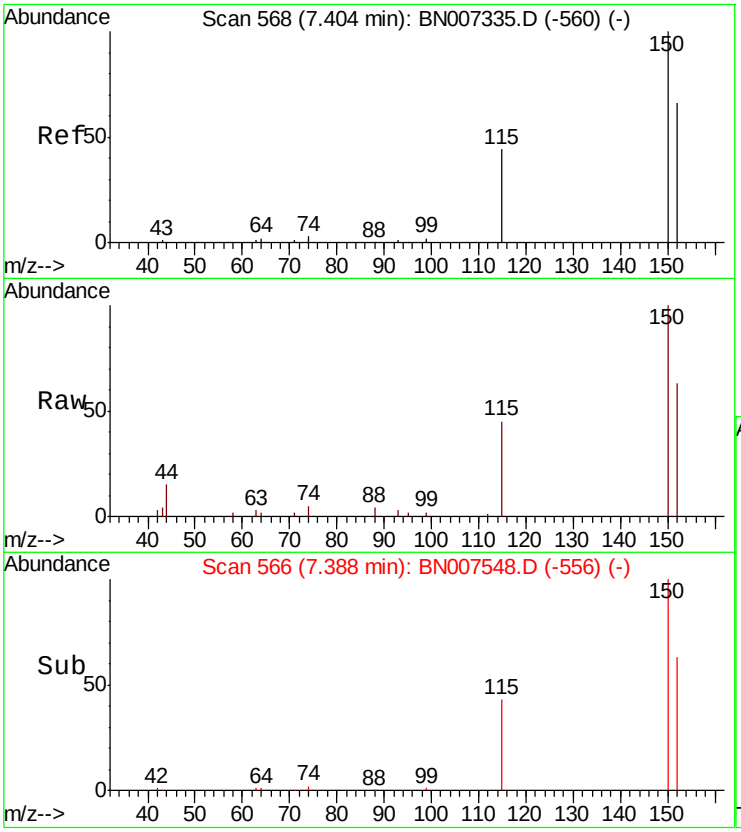
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007548.D
Acq On : 06 Sep 2019 18:59
Operator : HP/JU
Sample : PB122825BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 07 00:02:45 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



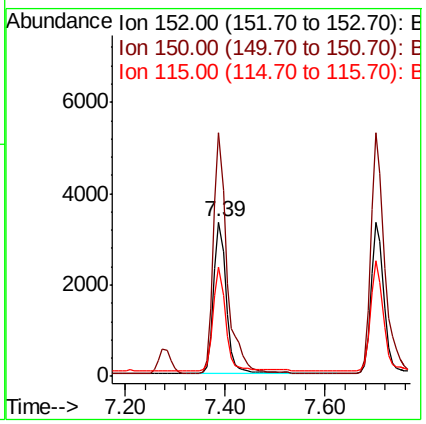


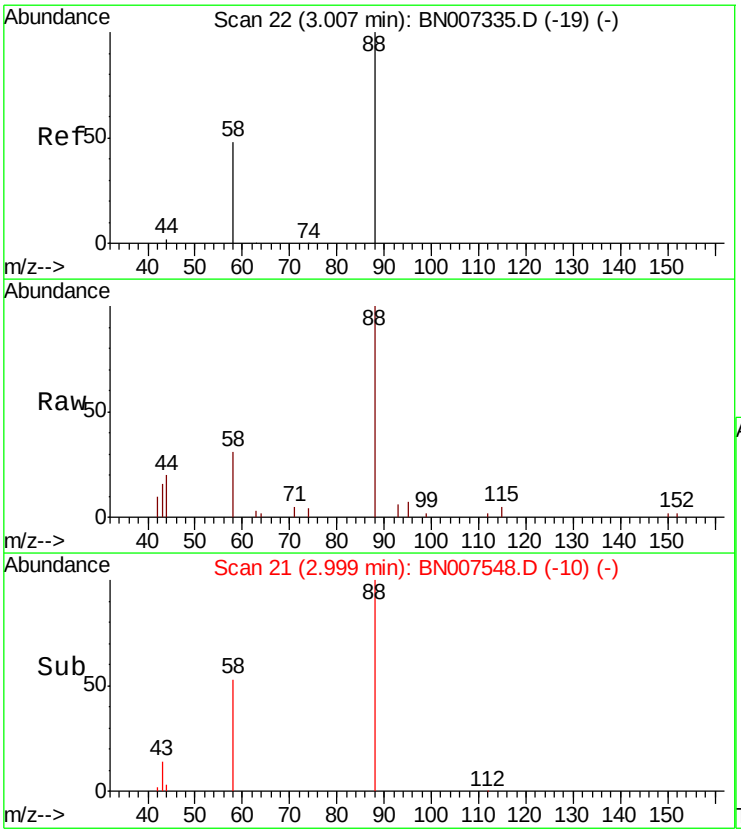
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5716

Ion	Ratio	Lower	Upper
152	100		
150	157.7	109.1	163.7
115	70.4	59.6	89.4

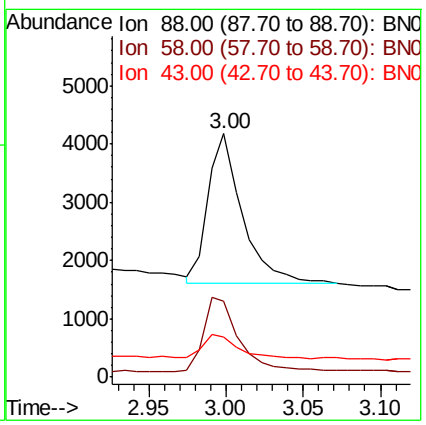


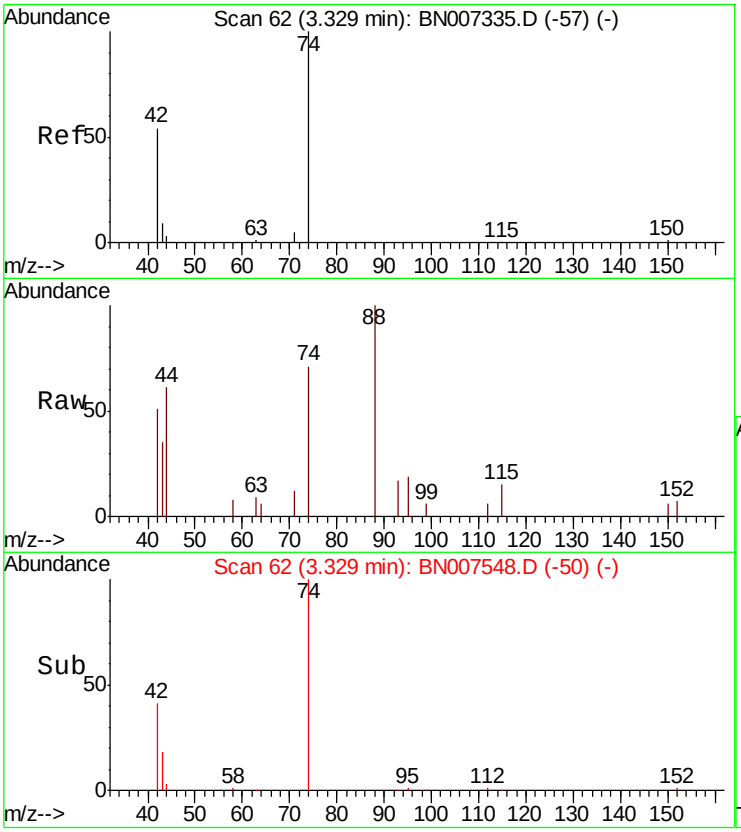


#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion: 88 Resp: 3989

Ion	Ratio	Lower	Upper
88	100		
58	49.8	50.5	75.7#
43	15.2	0.0	0.0#



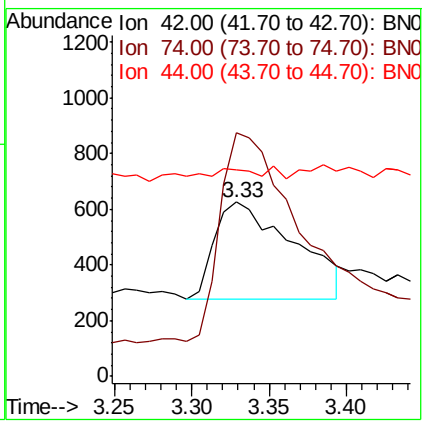


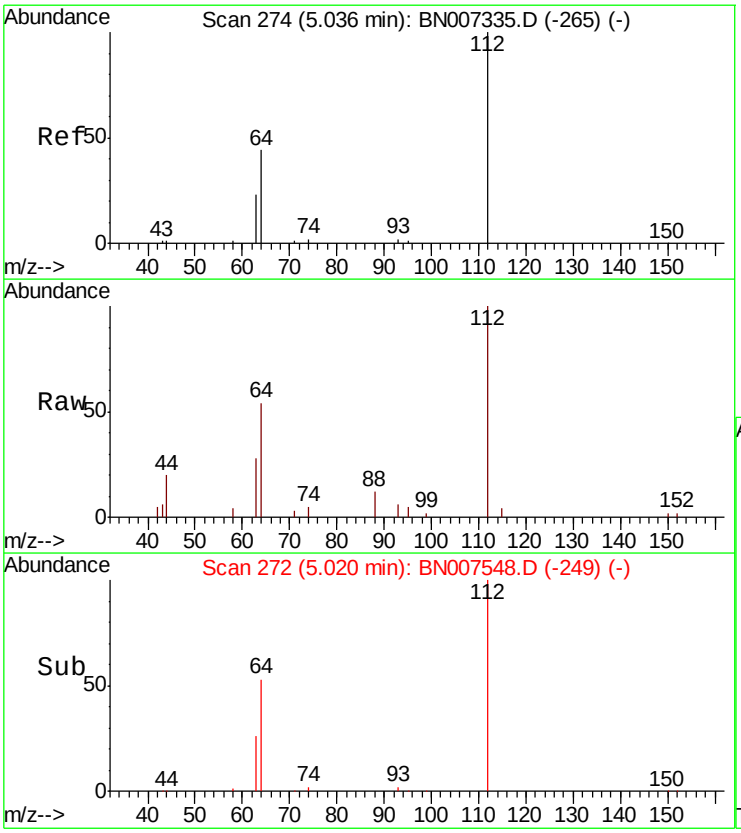
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1242

Ion	Ratio	Lower	Upper
42	100		
74	212.6	144.7	217.1
44	3.6	3.2	4.8

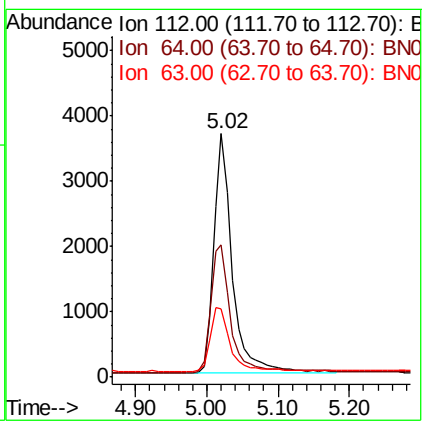


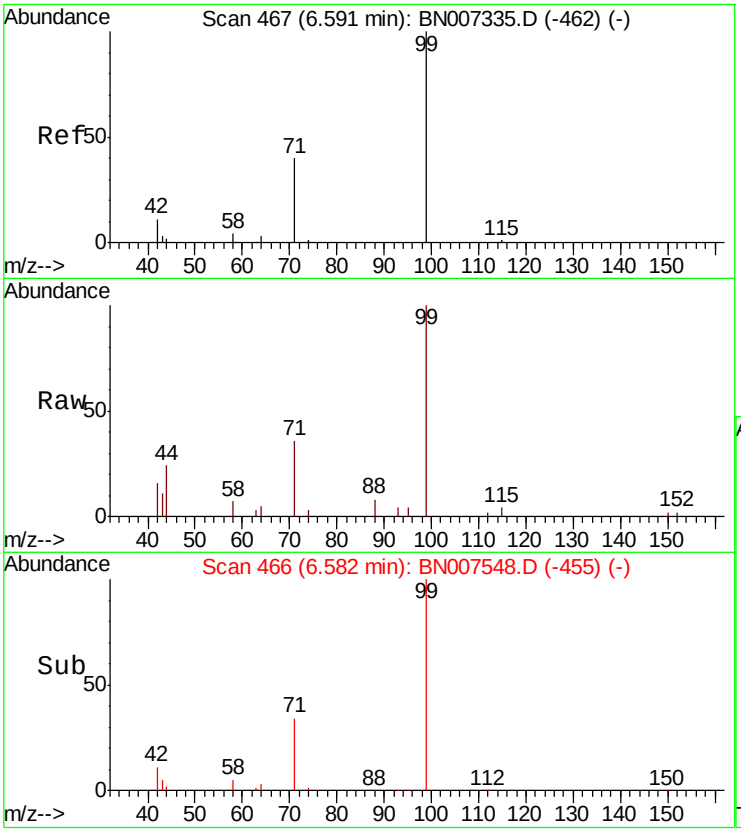


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:112 Resp: 6683

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.3	63.5
63	28.6	23.6	35.4



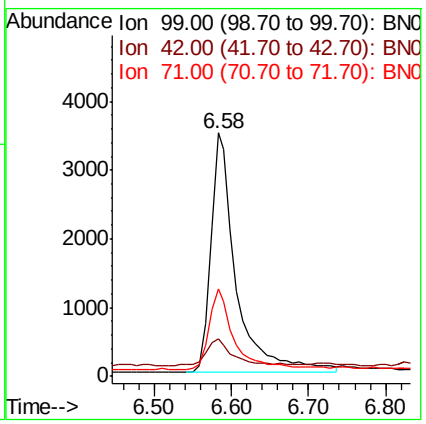


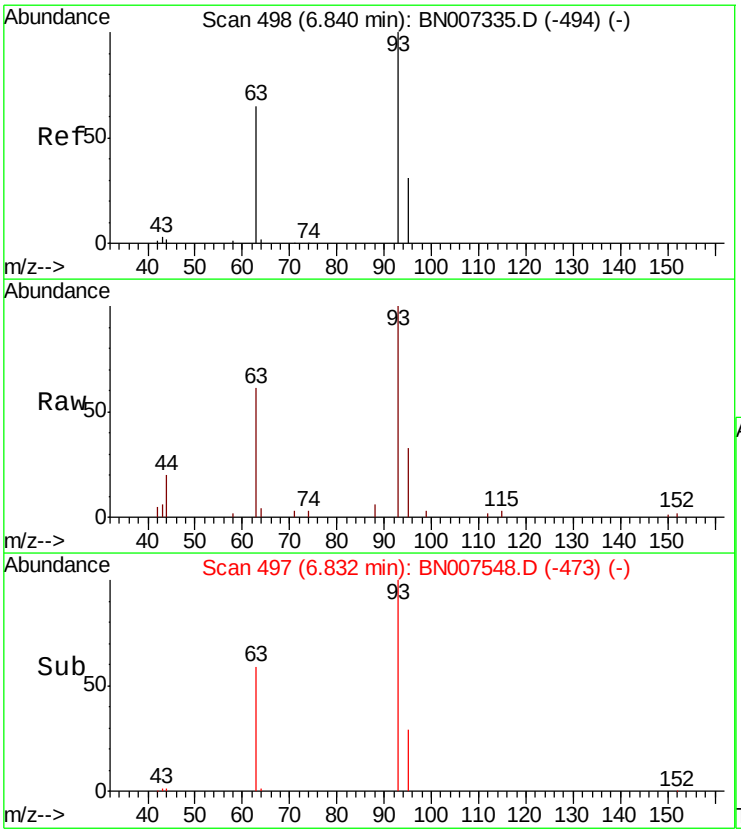
#5
Phenol-d6
Concen: 0.313 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8052

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	34.0	31.8	47.8

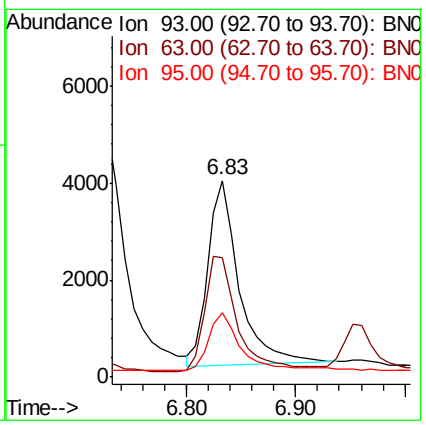


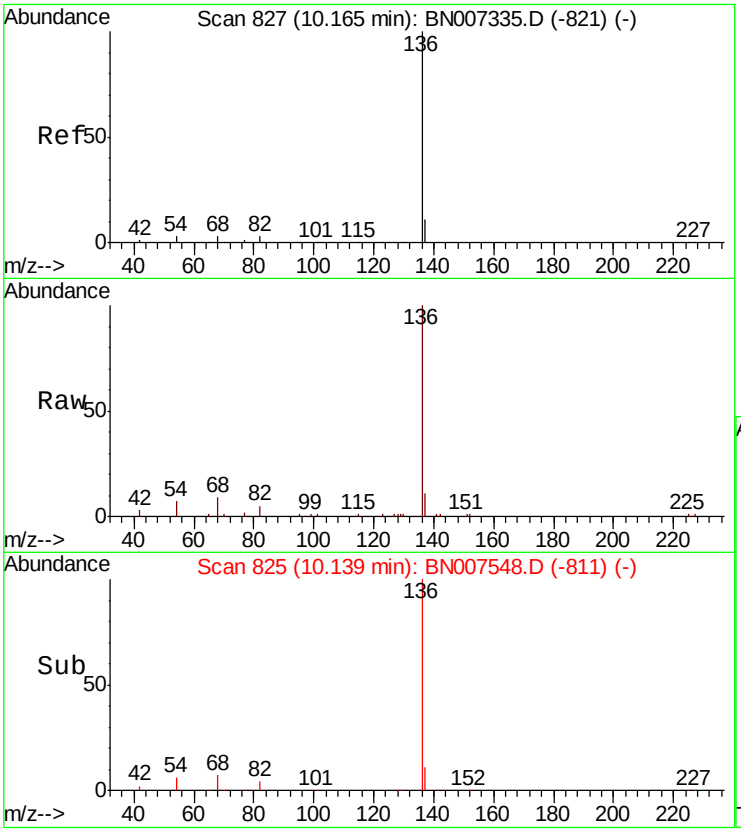


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion: 93 Resp: 7531

Ion	Ratio	Lower	Upper
93	100		
63	66.3	51.9	77.9
95	34.6	27.7	41.5



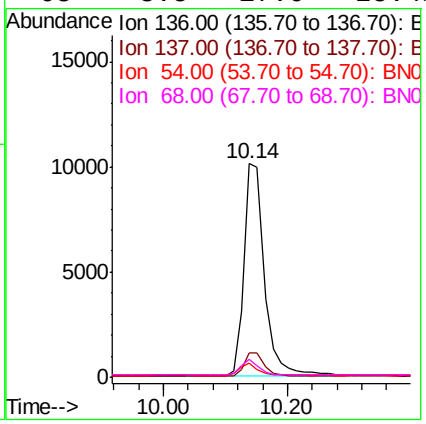


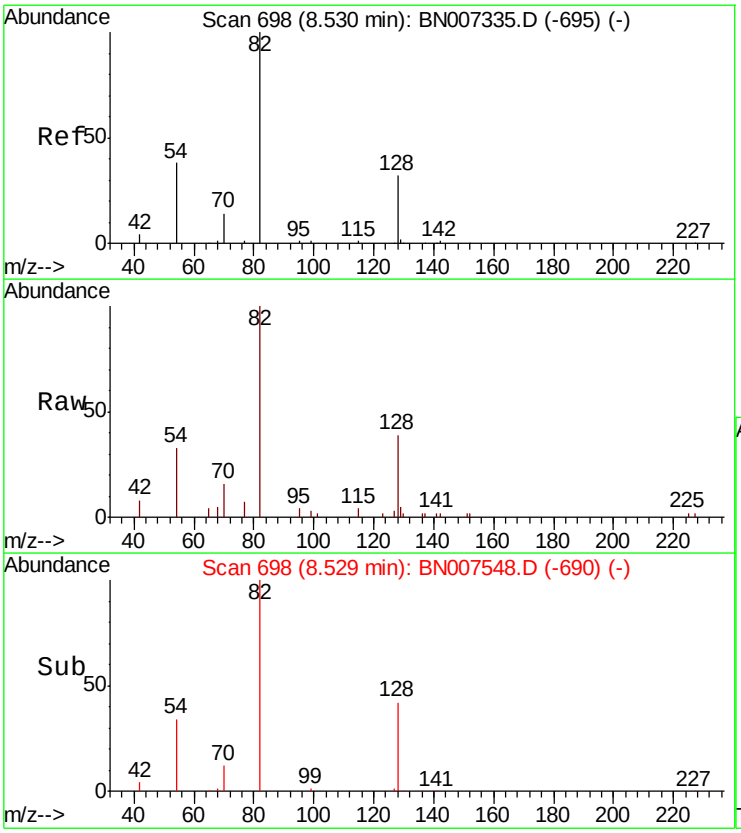
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 22991

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	6.8	8.6	12.8#
68	8.5	17.0	25.4#

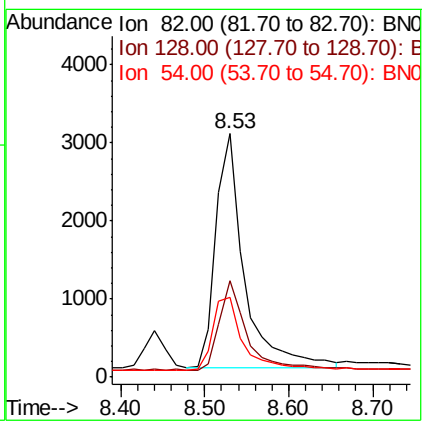


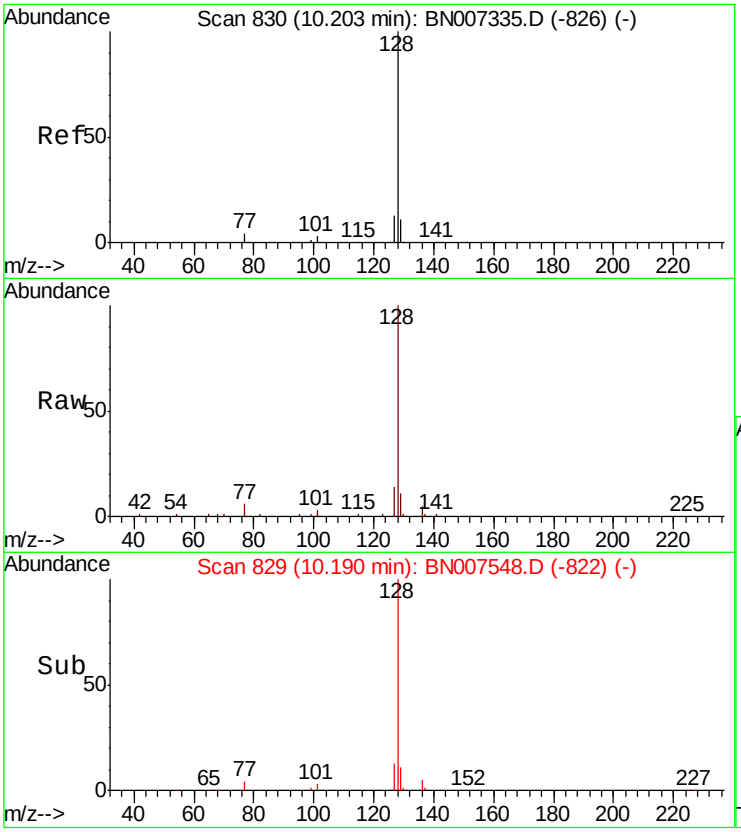


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion: 82 Resp: 7009

Ion	Ratio	Lower	Upper
82	100		
128	39.5	19.7	29.5#
54	32.8	25.8	38.6



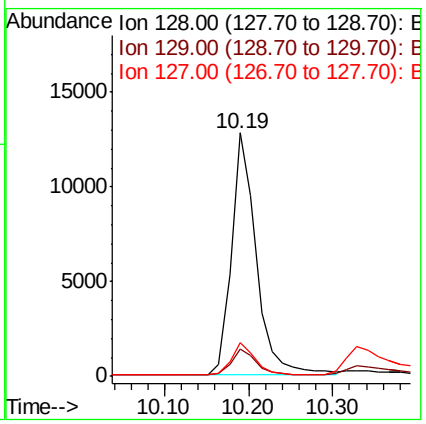


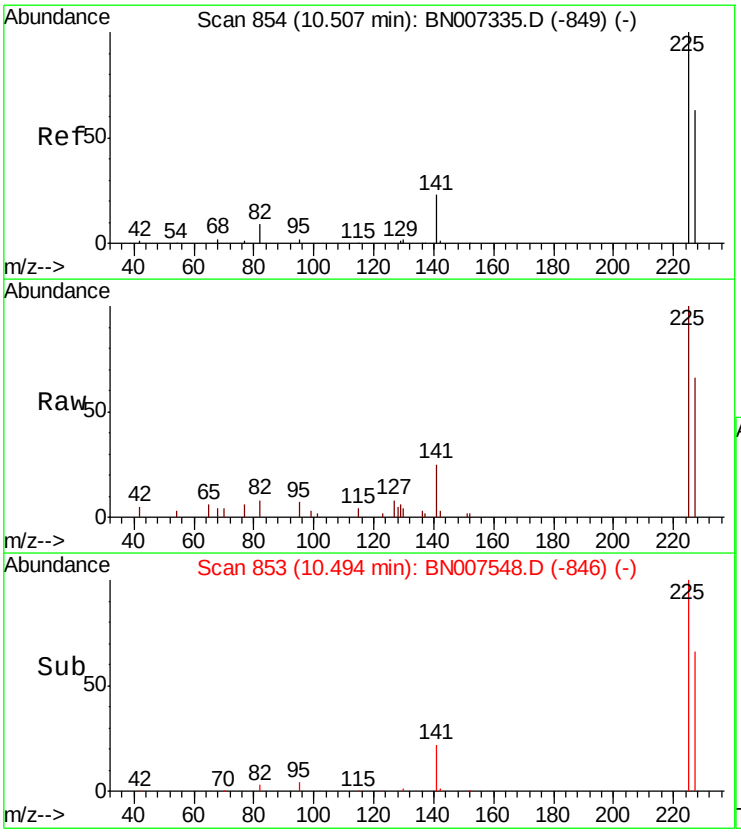
#9
Naphthalene
Concen: 0.398 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 26157

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	13.8	15.5	23.3#

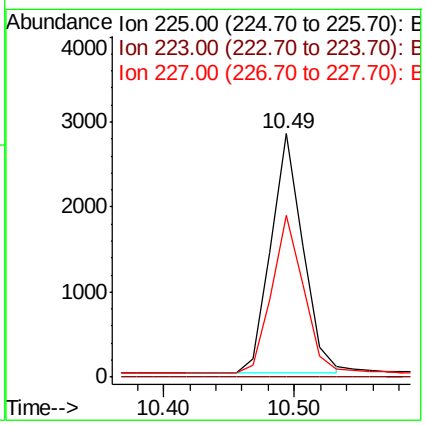


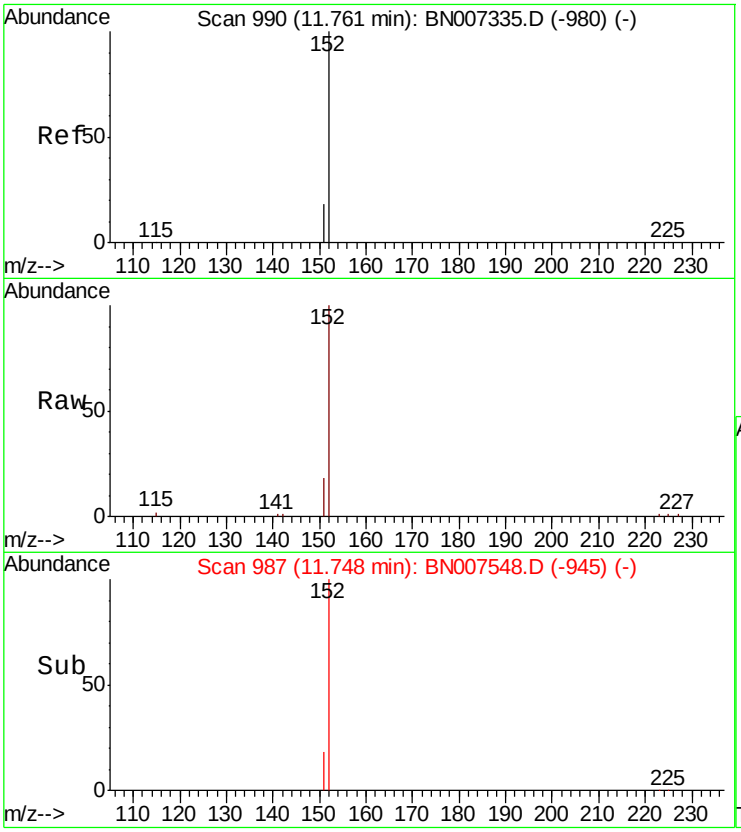


#10
Hexachlorobutadiene
Concen: 0.354 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:225 Resp: 4762

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	50.7	76.1



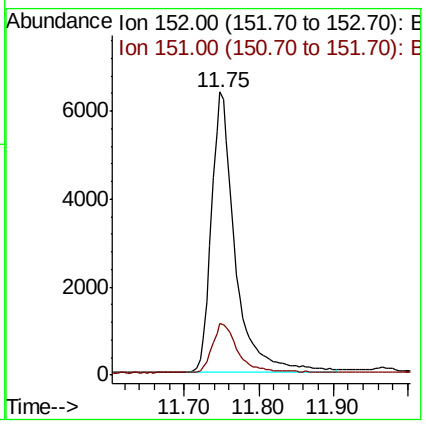


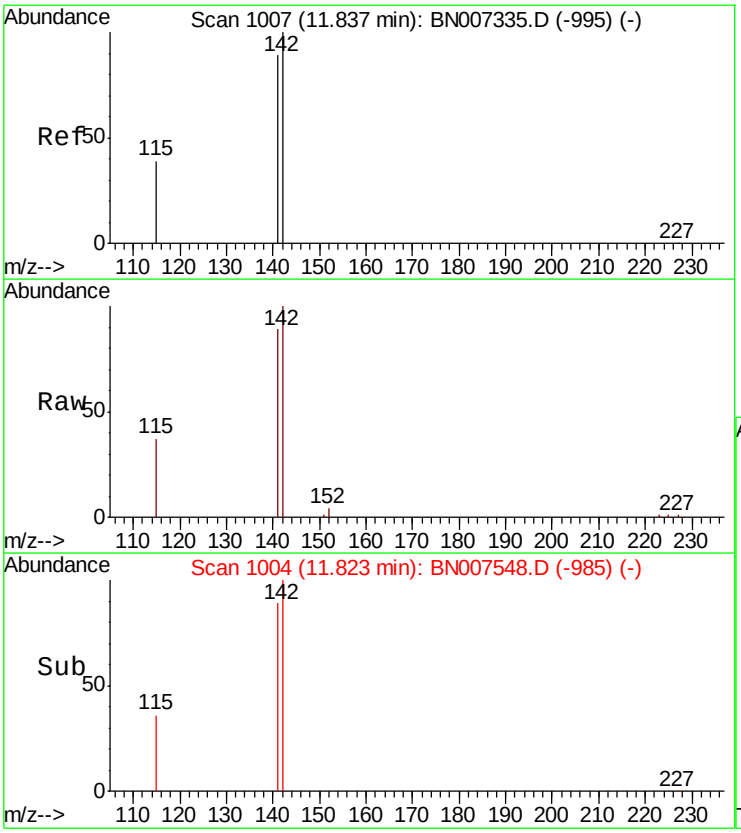
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 14166

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

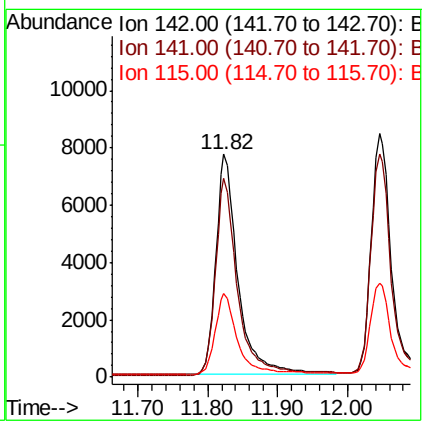


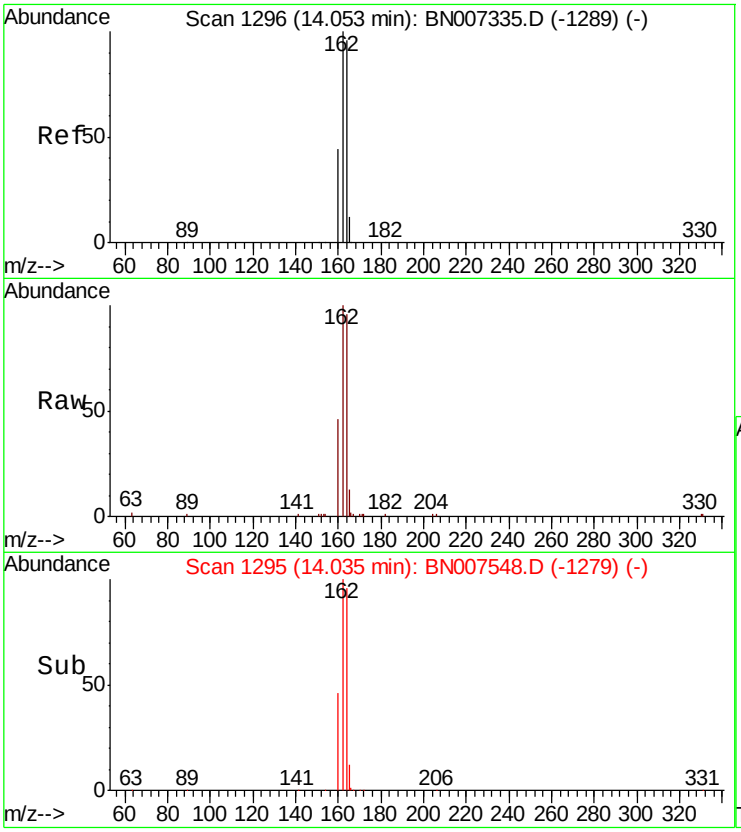


#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:142 Resp: 17009

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.8	109.2
115	37.3	35.2	52.8



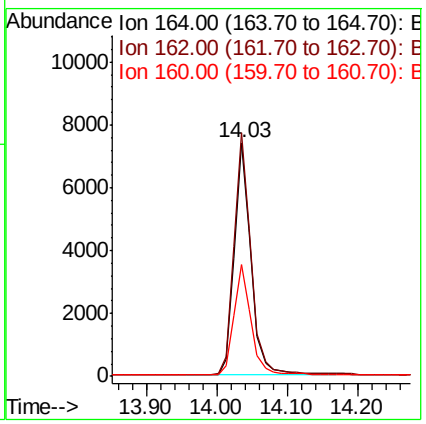


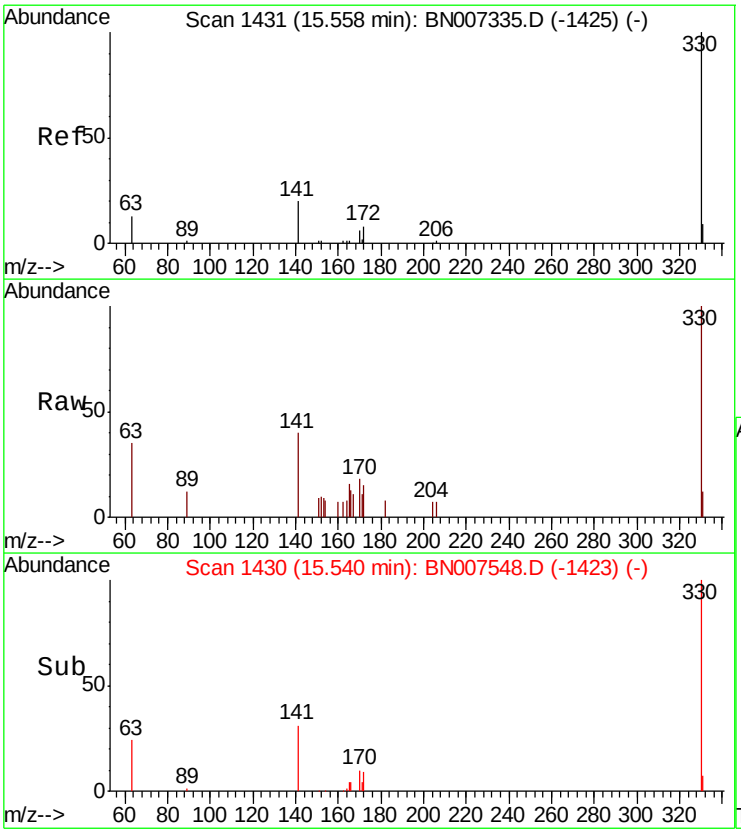
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12190

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	48.0	38.2	57.4

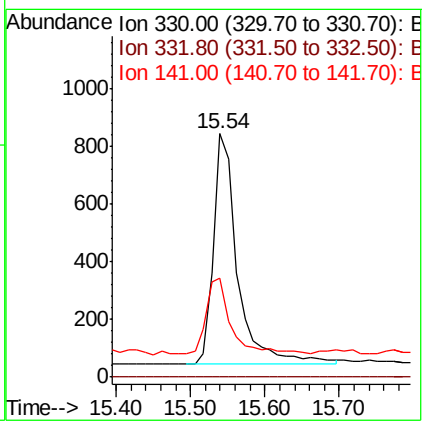


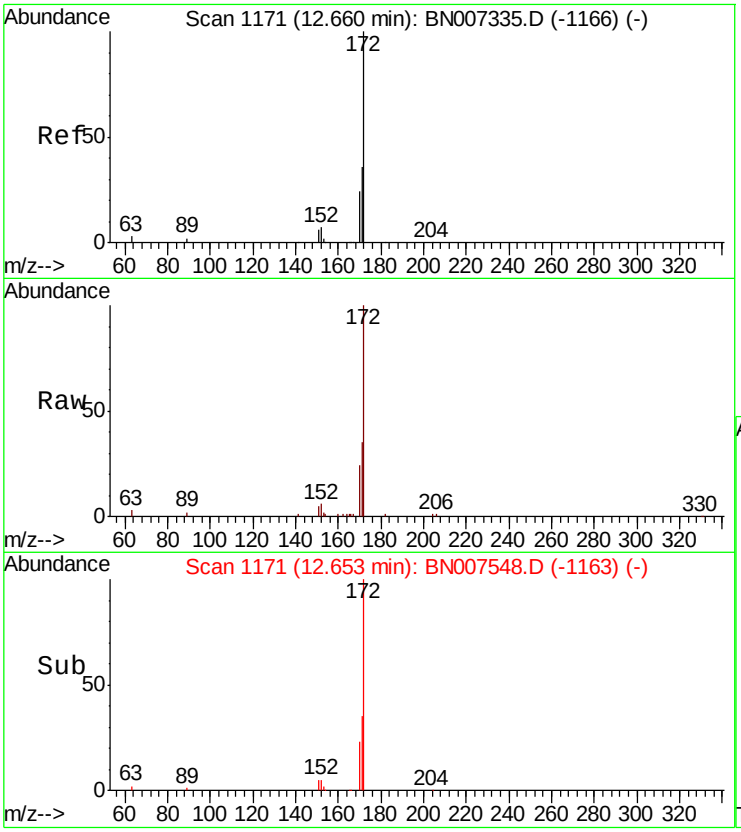


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:330 Resp: 1811

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	26.9	40.3



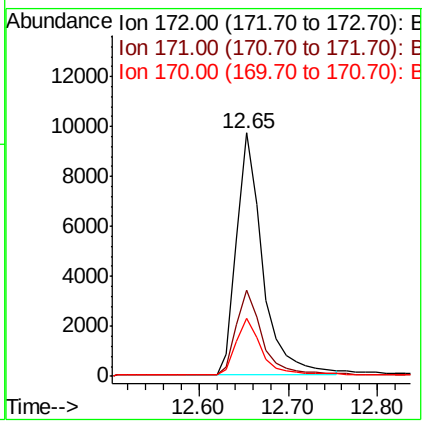


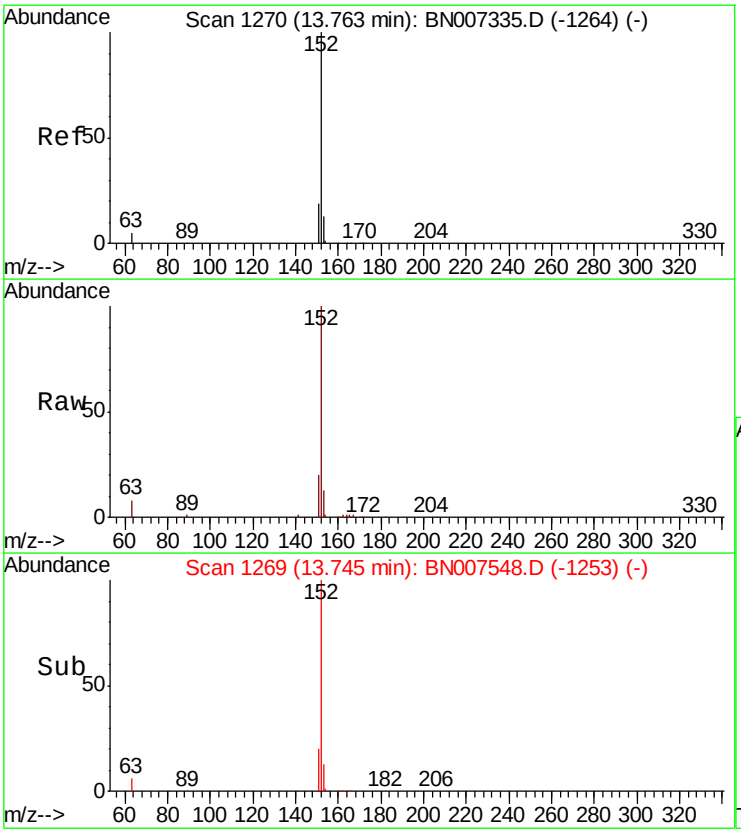
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19819

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.3	45.5
170	23.7	20.7	31.1

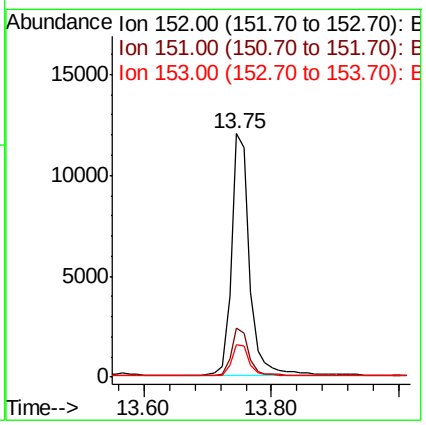


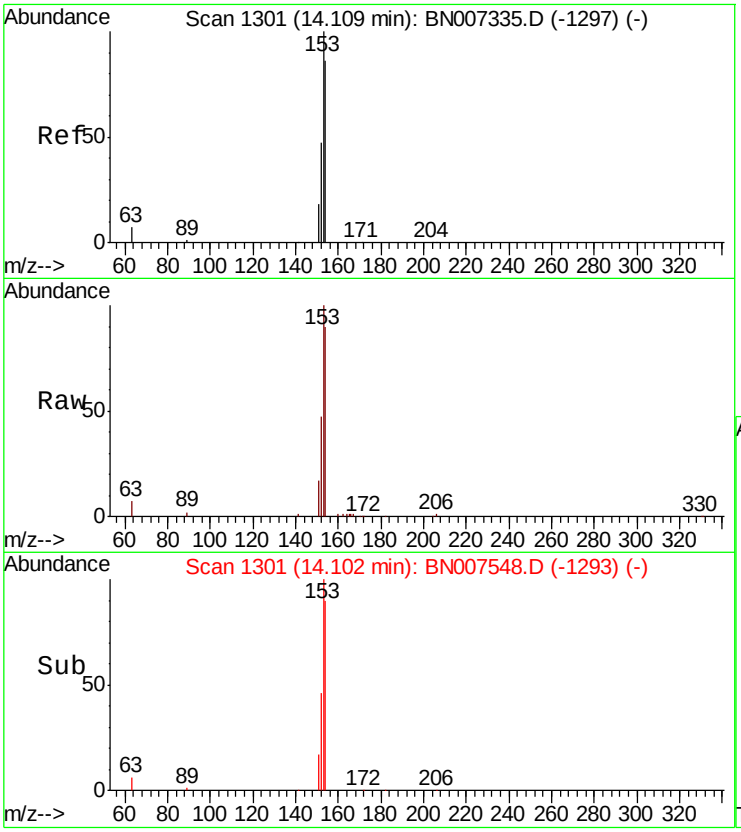


#16
Acenaphthylene
Concen: 0.329 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:152 Resp: 23709

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.0	10.6	15.8



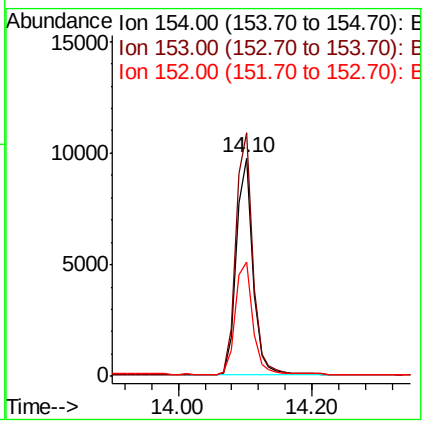


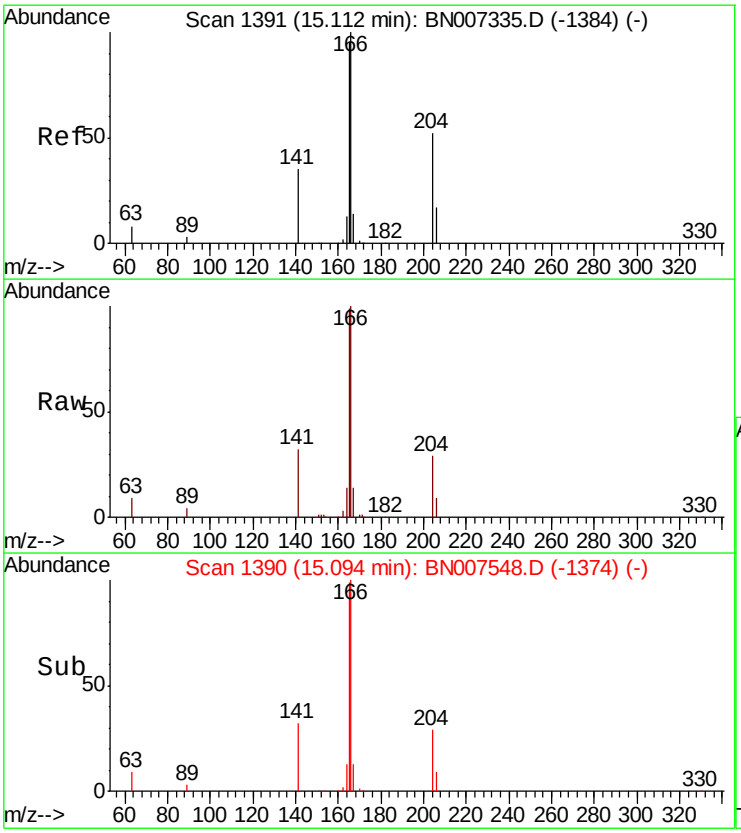
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16477

Ion	Ratio	Lower	Upper
154	100		
153	113.5	92.8	139.2
152	54.3	43.8	65.8

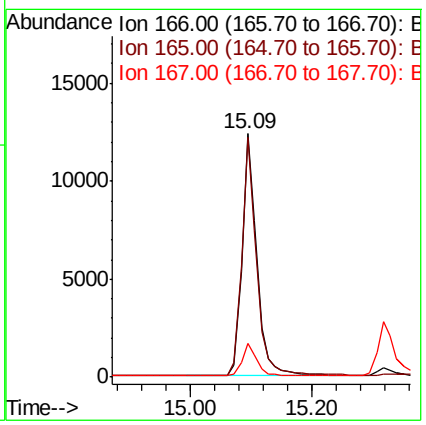


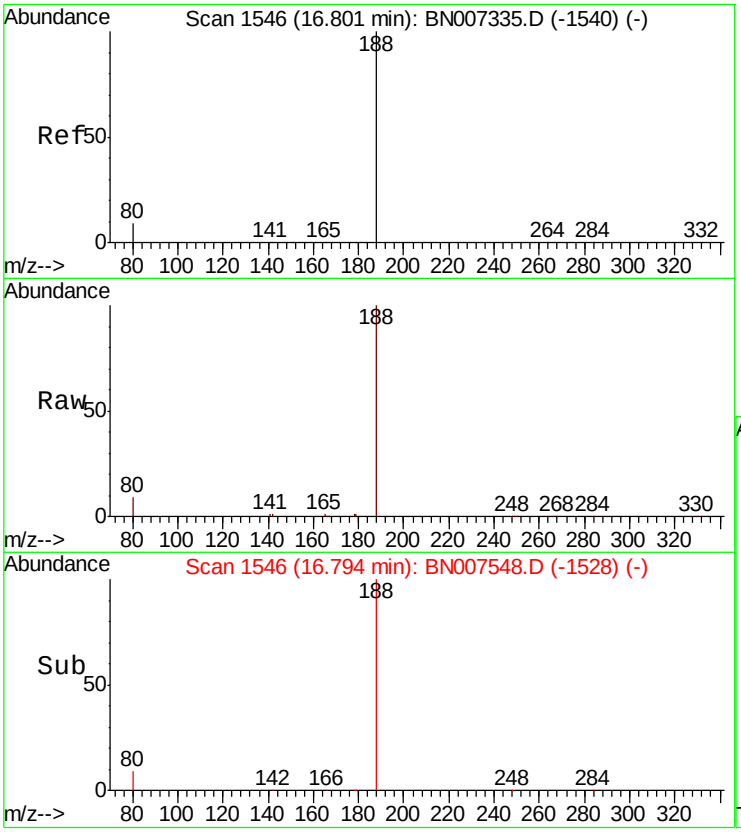


#18
Fluorene
Concen: 0.389 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:166 Resp: 20776

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.5	10.6	15.8



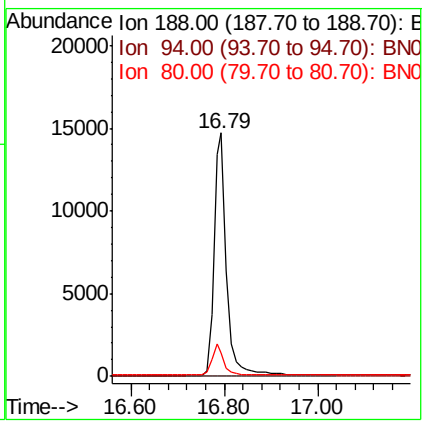


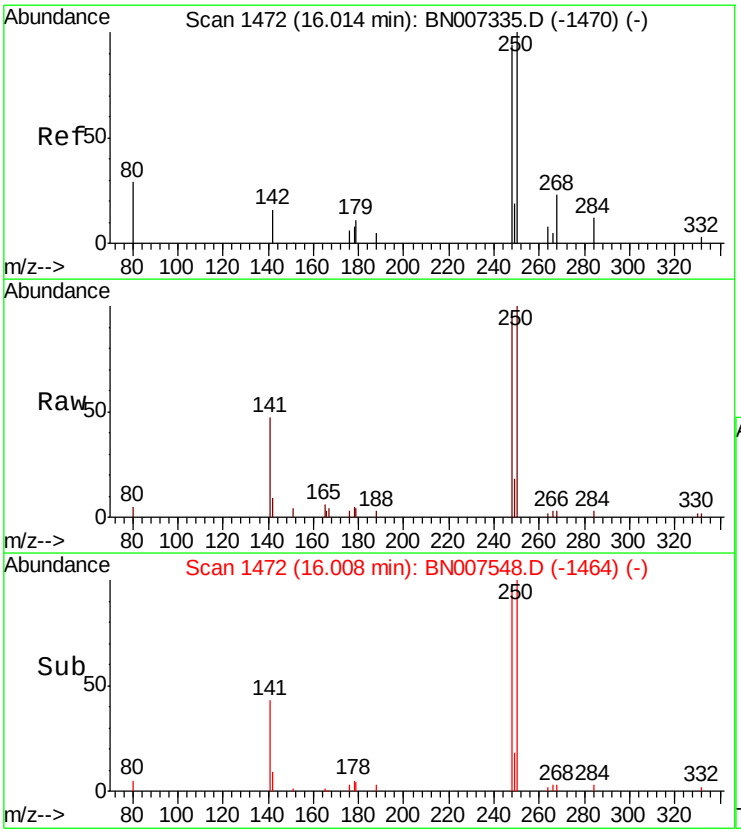
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27948

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	11.8	17.8#

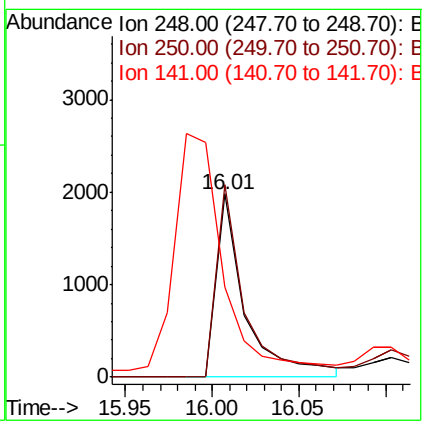


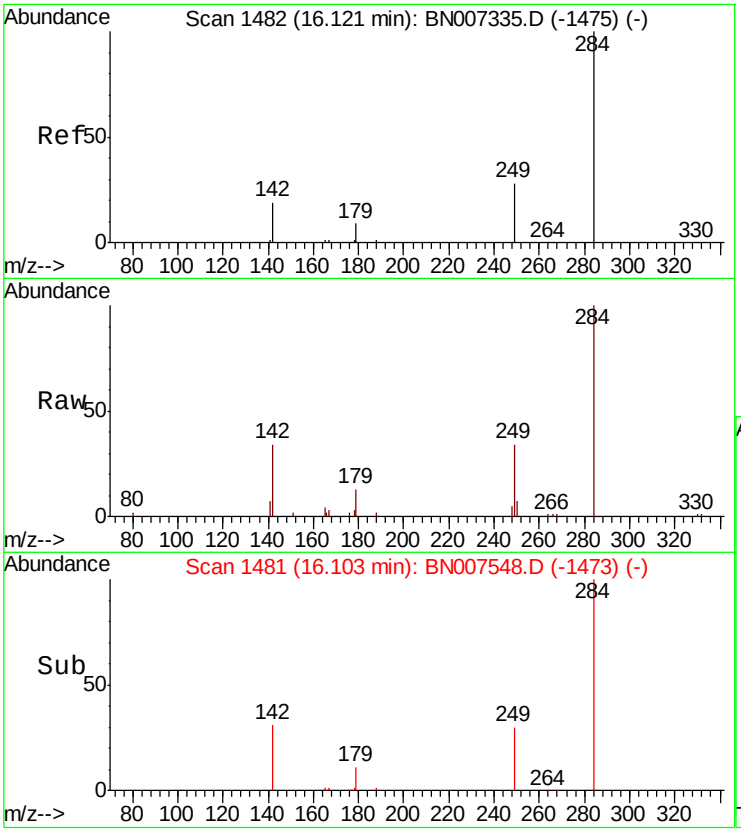


#20
4-Bromophenyl-phenylether
Concen: 0.208 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:248 Resp: 2292

Ion	Ratio	Lower	Upper
248	100		
250	105.0	85.0	127.6
141	48.9	51.7	77.5#



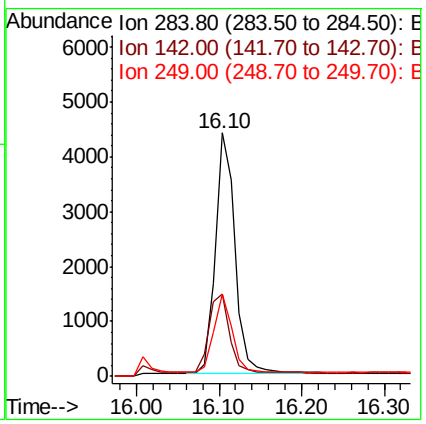


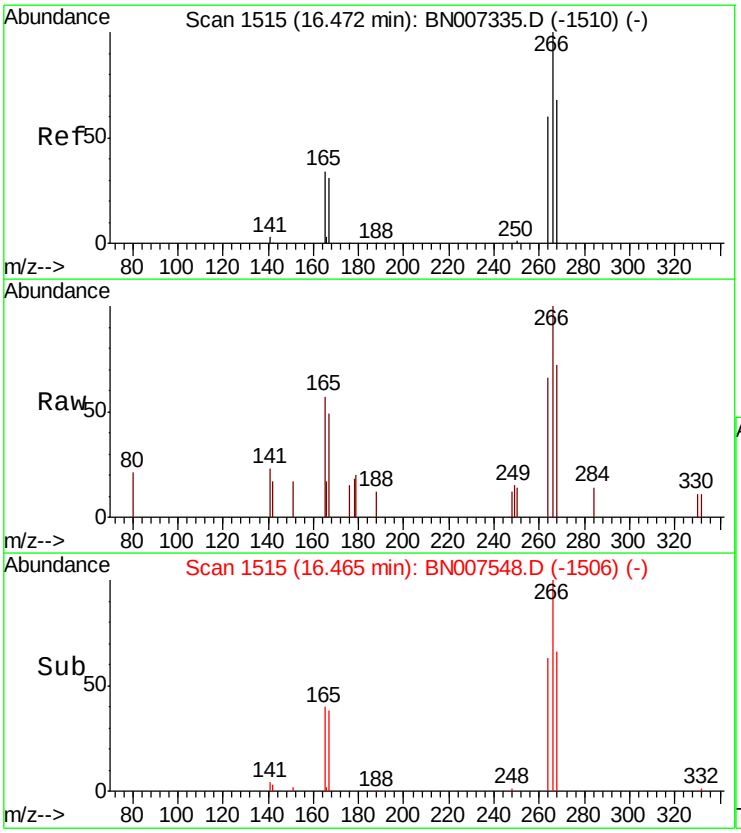
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7260

Ion	Ratio	Lower	Upper
284	100		
142	34.6	29.0	43.6
249	30.9	24.9	37.3

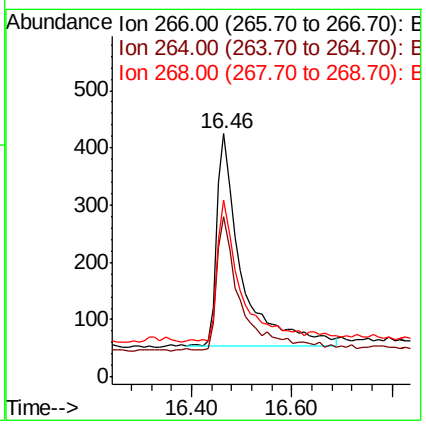


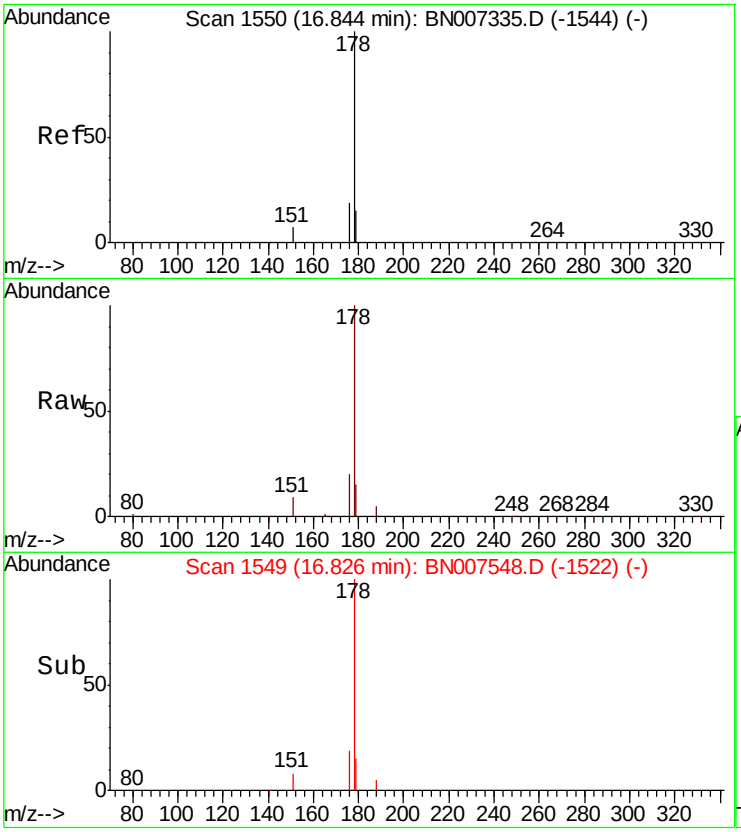


#22
Pentachlorophenol
Concen: 0.214 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:266 Resp: 1247

Ion	Ratio	Lower	Upper
266	100		
264	65.9	57.8	86.8
268	72.5	99.7	149.5#



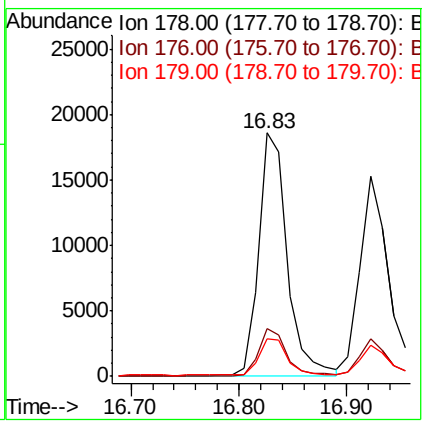


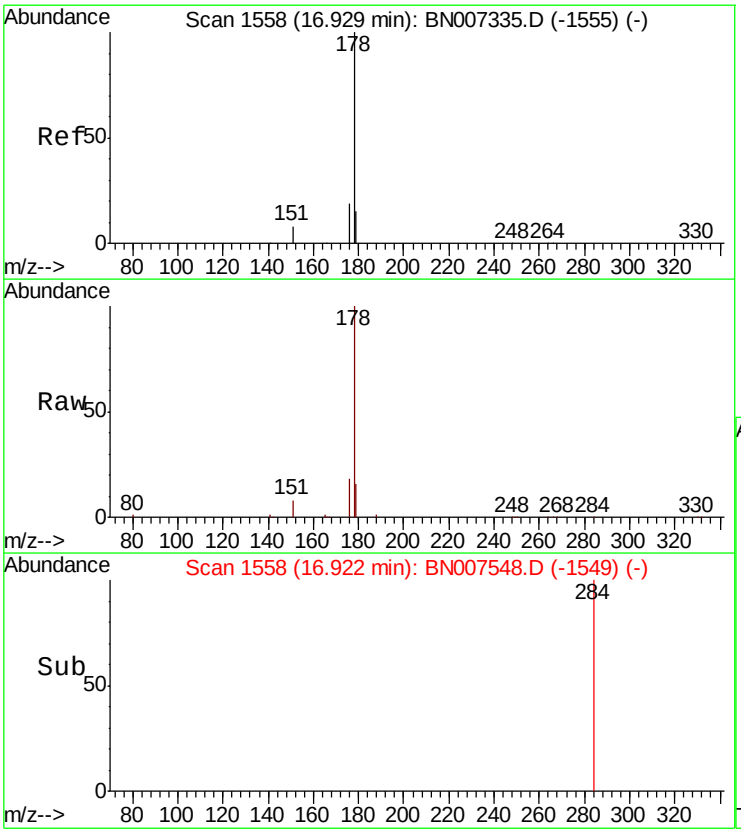
#23
Phenanthrene
Concen: 0.399 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 33521

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0

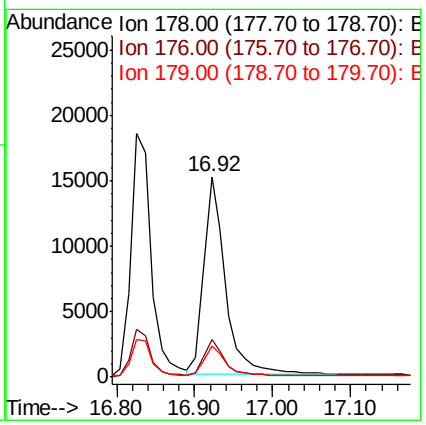


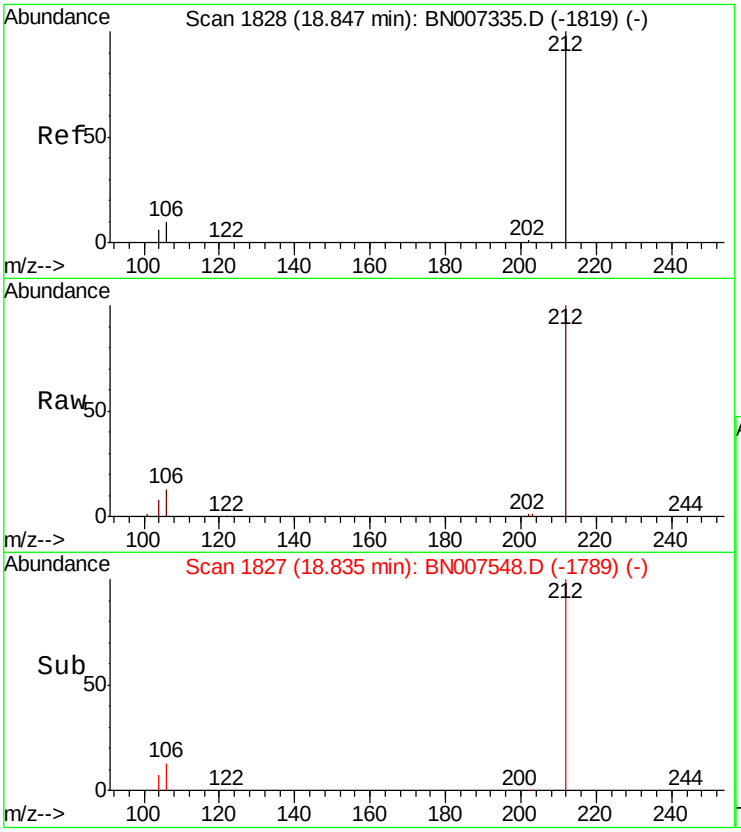


#24
Anthracene
Concen: 0.339 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:178 Resp: 28660

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.9	22.3
179	15.2	12.4	18.6



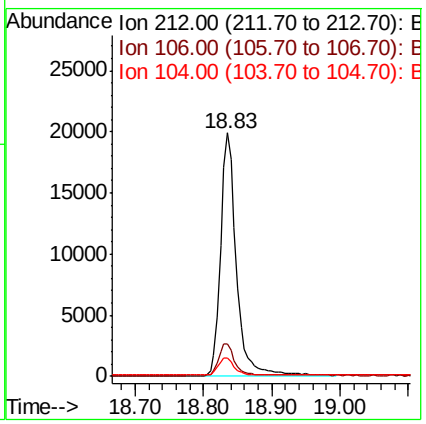


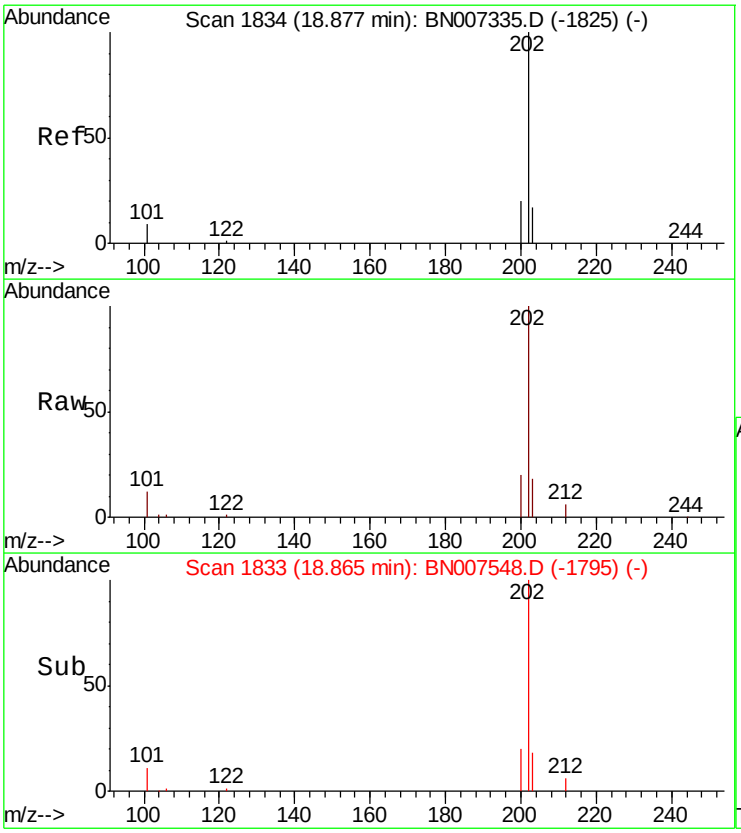
#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 31680

Ion	Ratio	Lower	Upper
212	100		
106	13.3	9.0	13.4
104	7.5	5.4	8.2

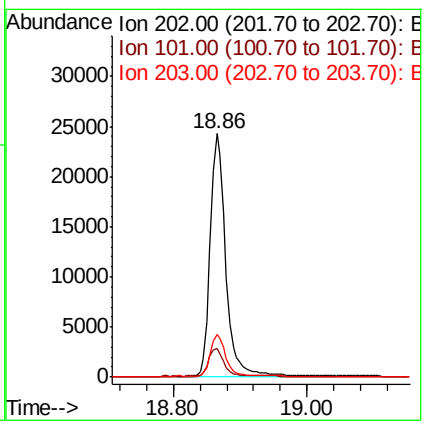


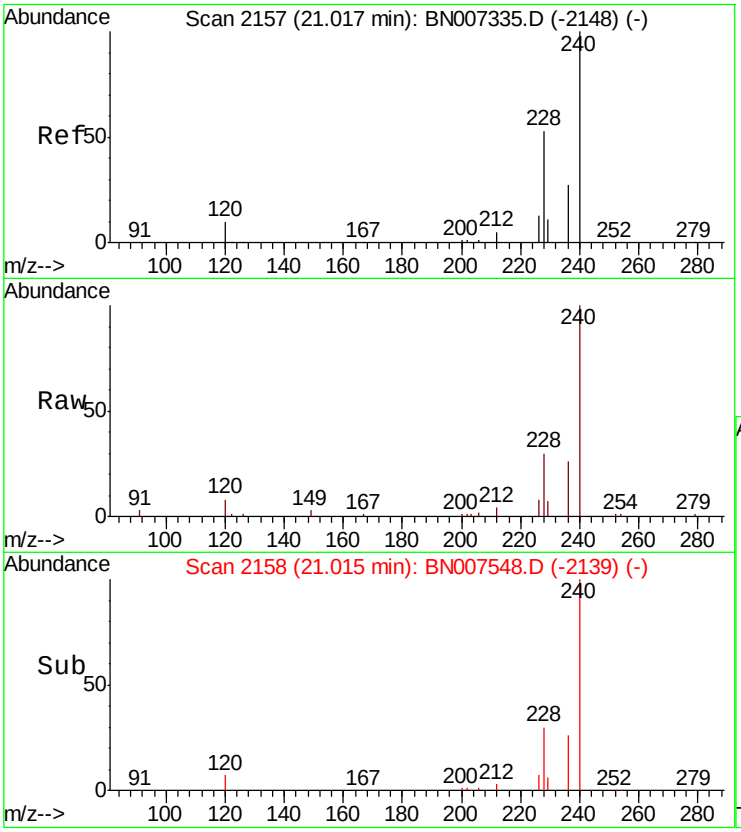


#26
Fluoranthene
Concen: 0.363 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:202 Resp: 39144

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
203	17.0	13.7	20.5



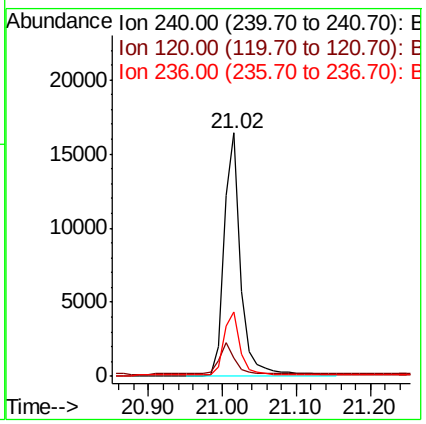


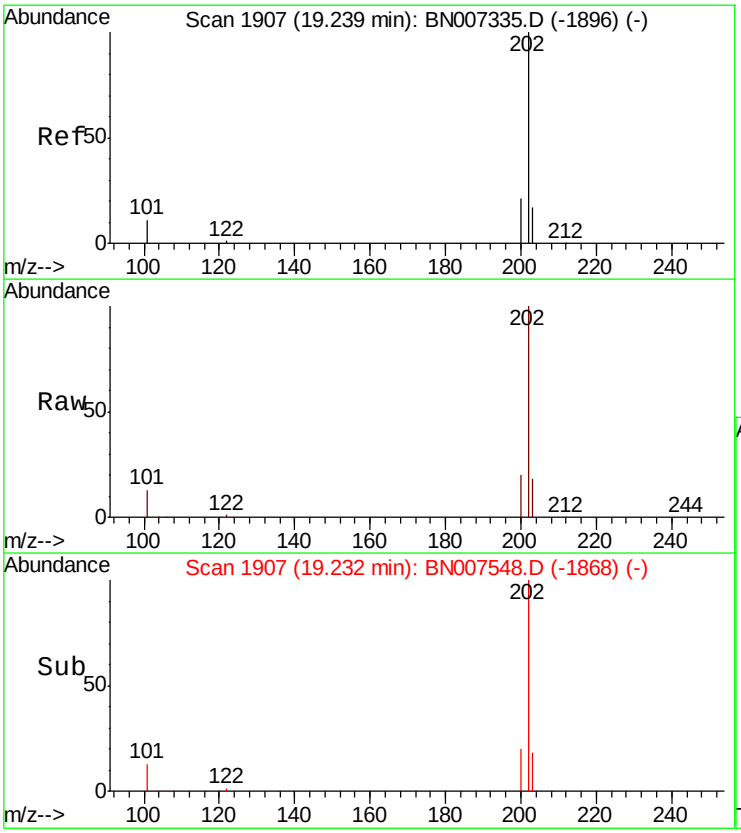
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25748

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.6	14.4#
236	26.3	22.2	33.2

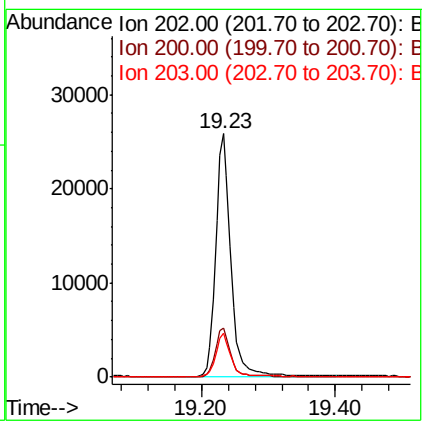


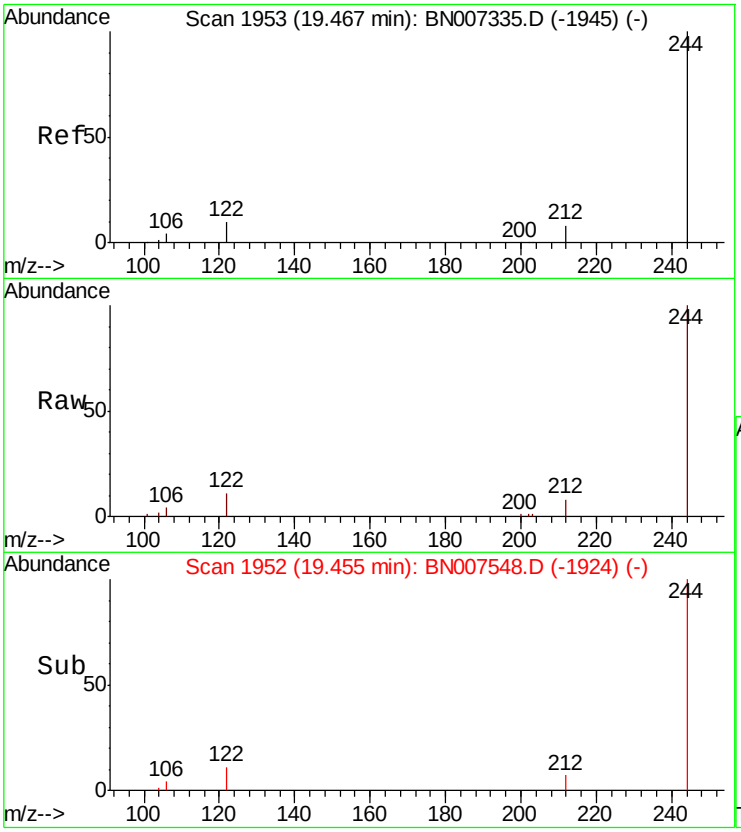


#28
Pyrene
Concen: 0.387 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:202 Resp: 40098

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.4	14.2	21.4



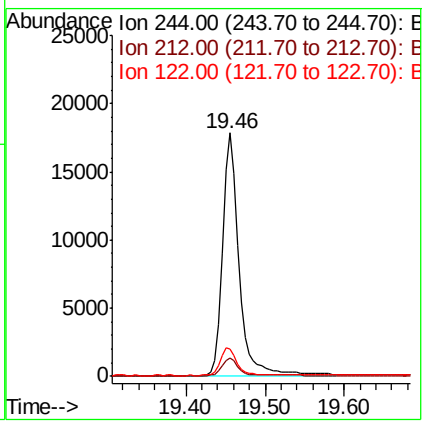


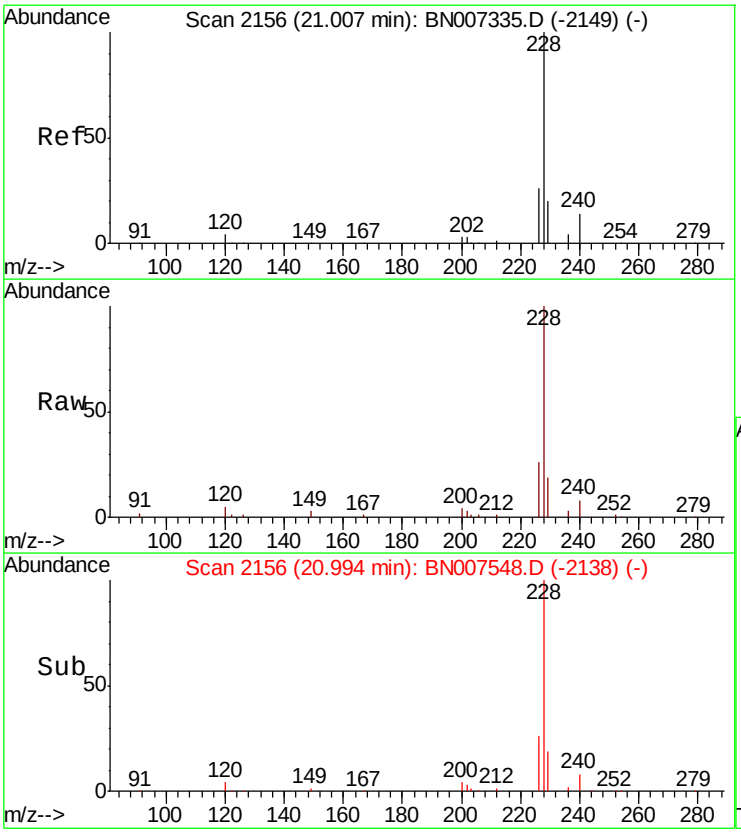
#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 26273

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	11.2	9.6	14.4

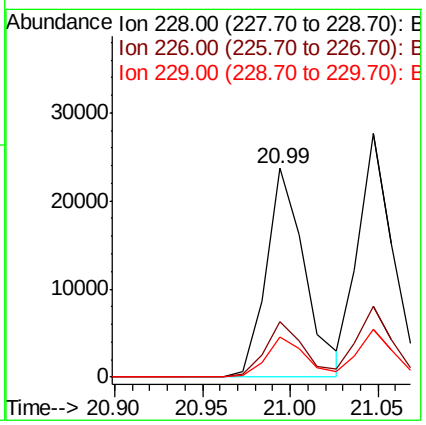


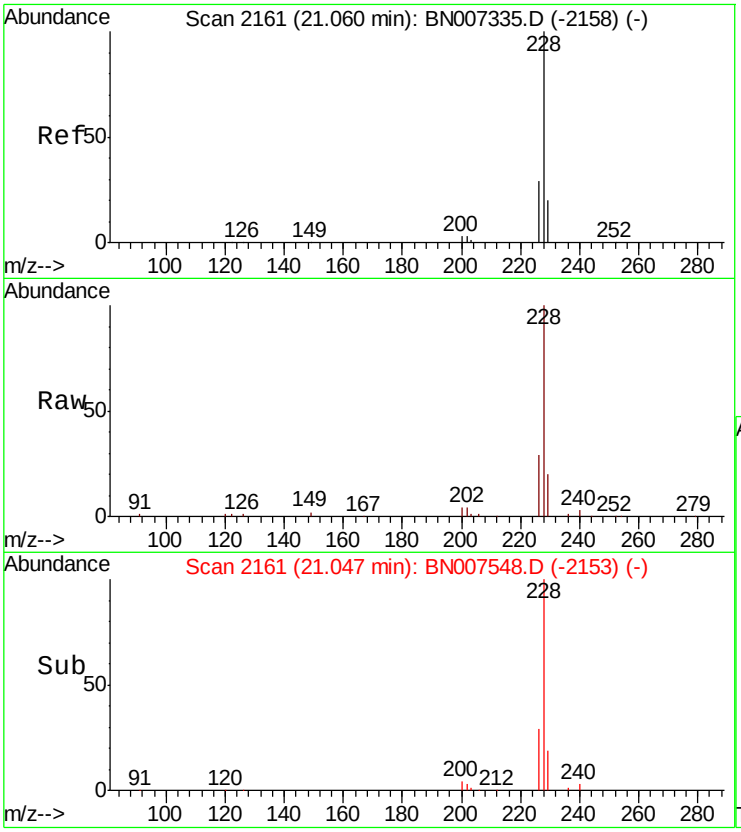


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:228 Resp: 36059

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.4	16.1	24.1



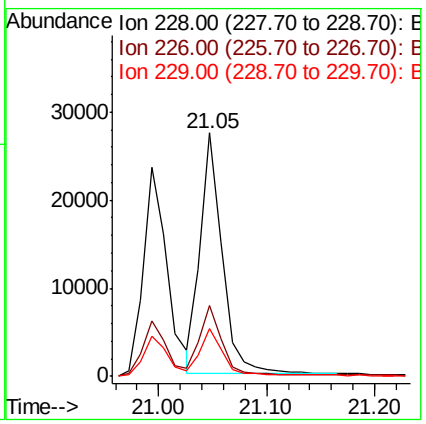


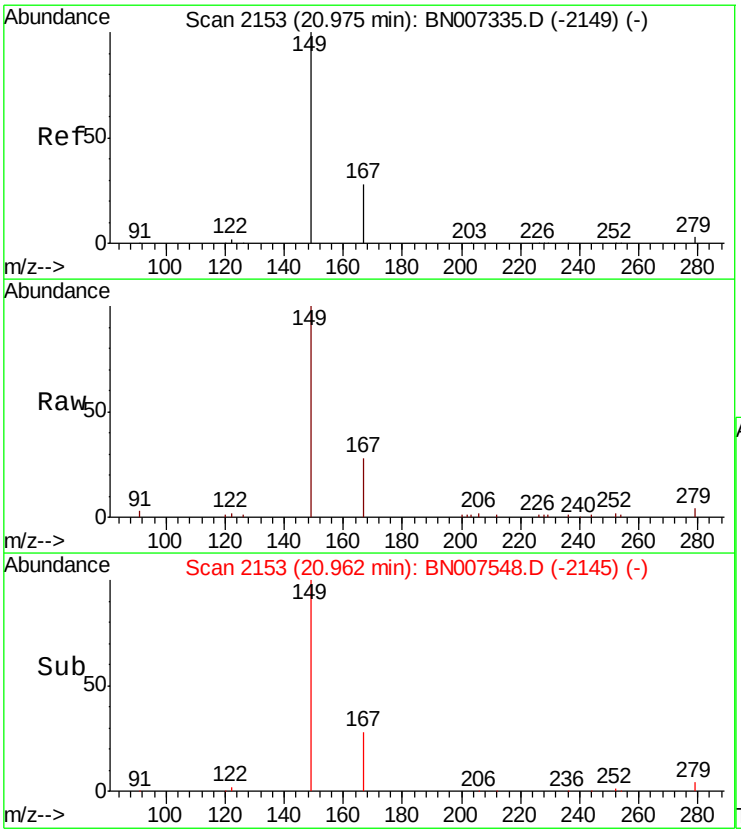
#31
Chrysene
Concen: 0.397 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 38794

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.6	16.6	24.8

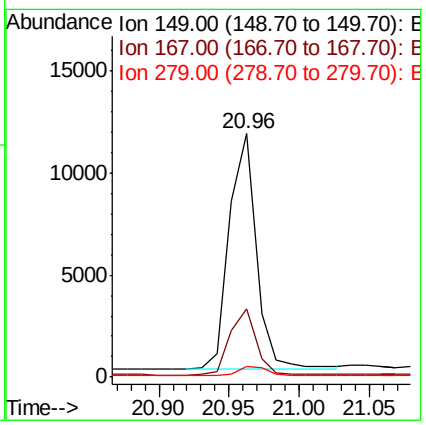


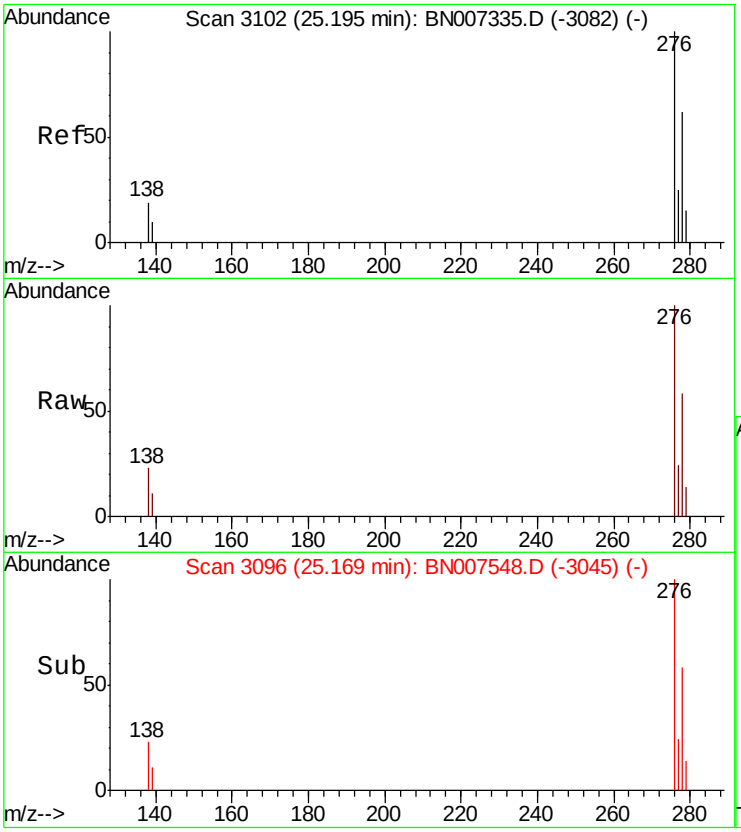


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:149 Resp: 15331

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.1	3.5	5.3



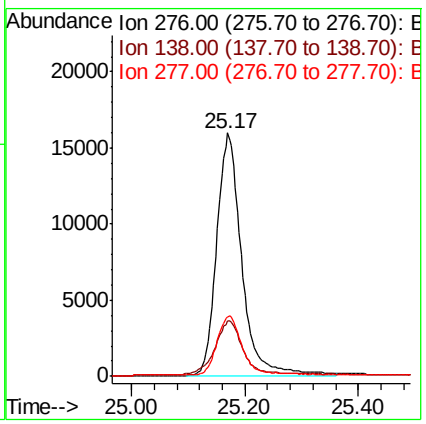


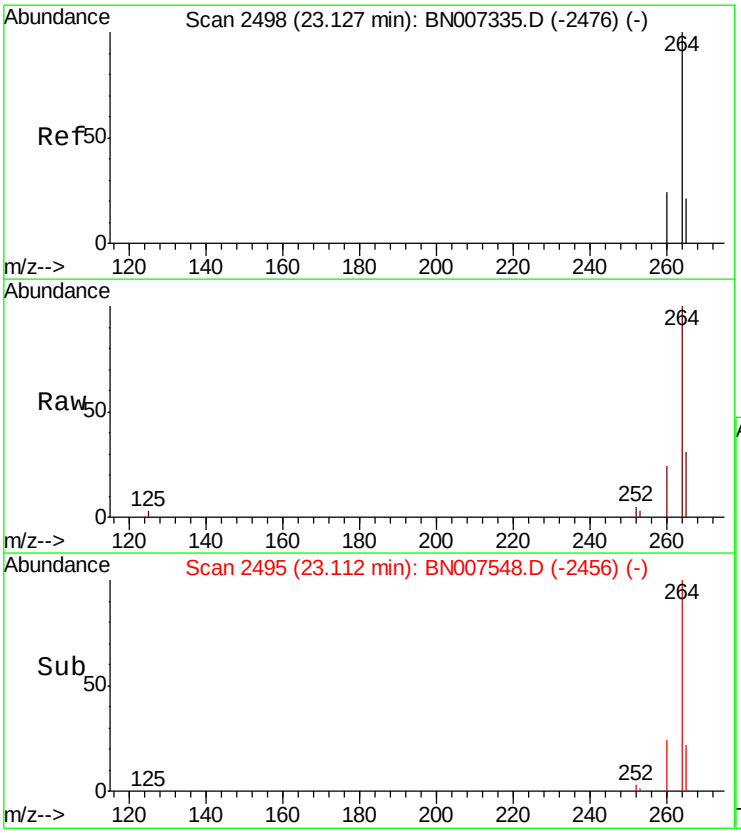
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48230

Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.1	22.7#
277	24.4	19.7	29.5

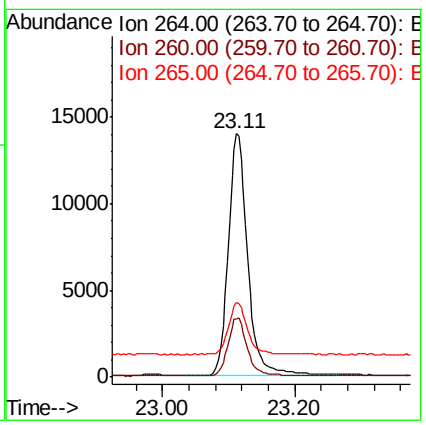


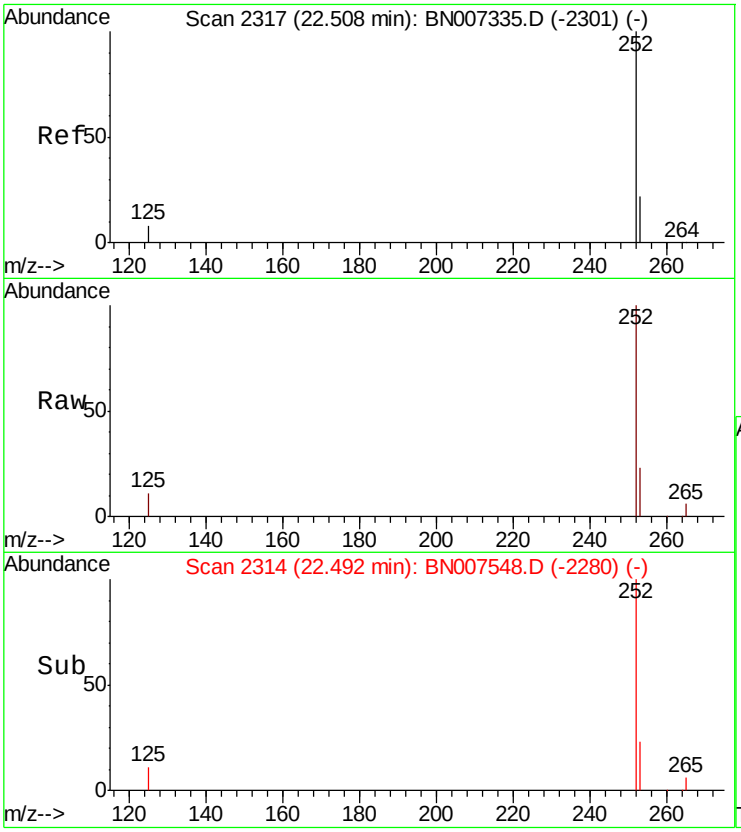


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:264 Resp: 28695

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	30.8	29.9	44.9



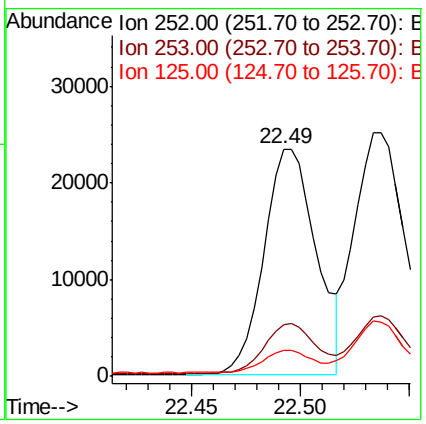


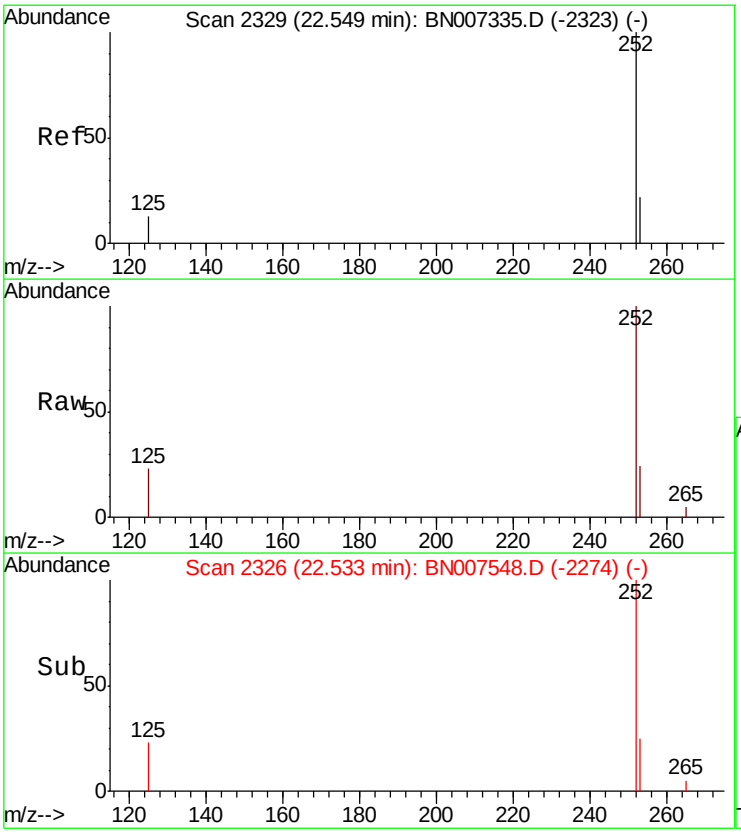
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 39009

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.2	28.8
125	11.2	10.6	16.0

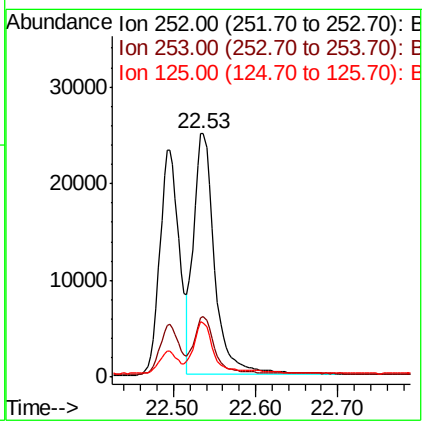


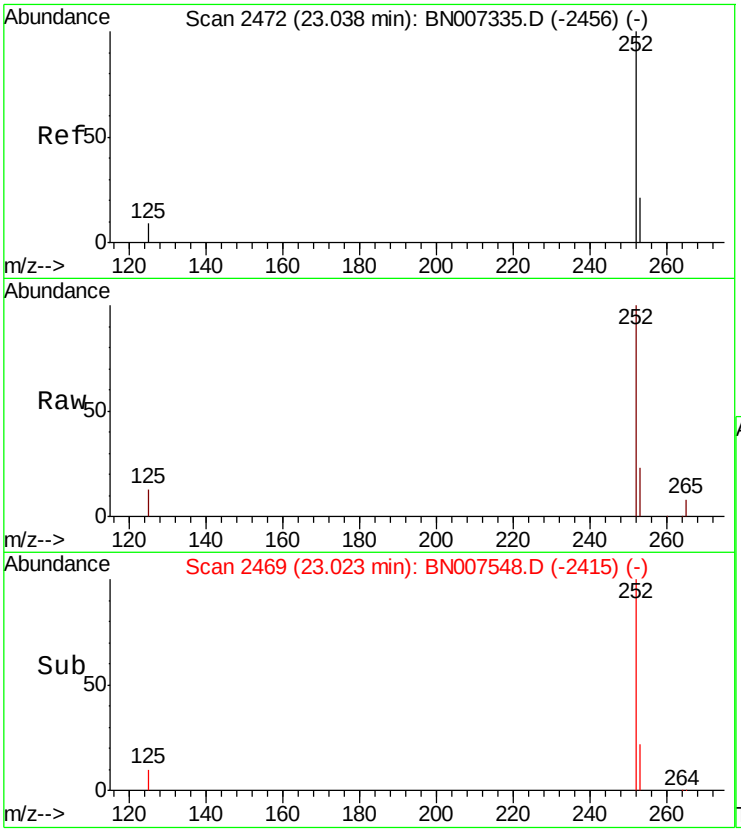


#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.53 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:252 Resp: 44479

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.2
125	22.5	13.1	19.7#



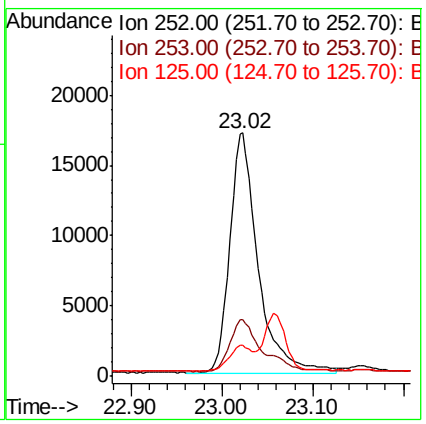


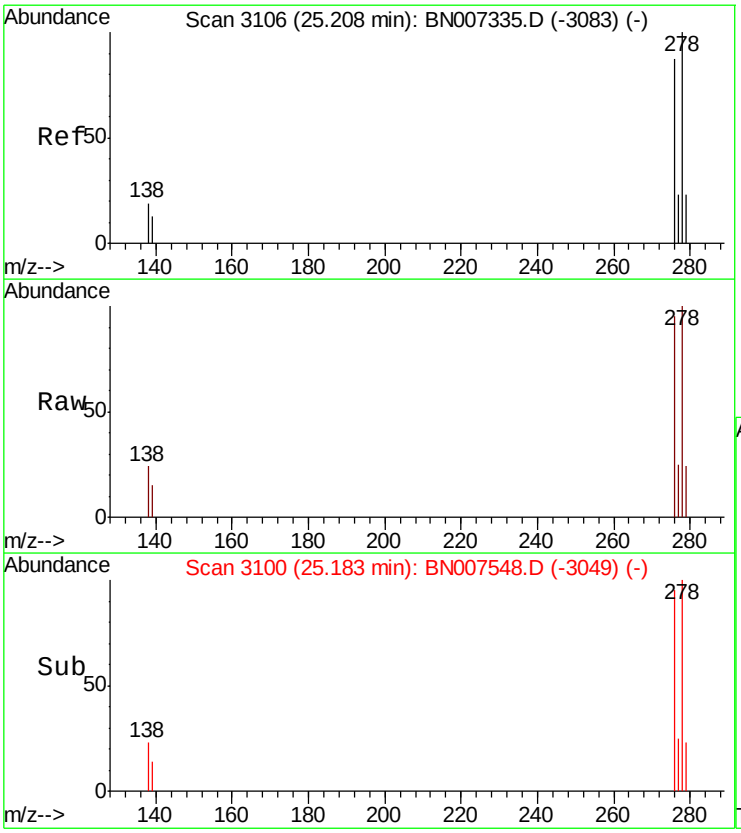
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36859

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.5	29.3
125	12.6	12.1	18.1

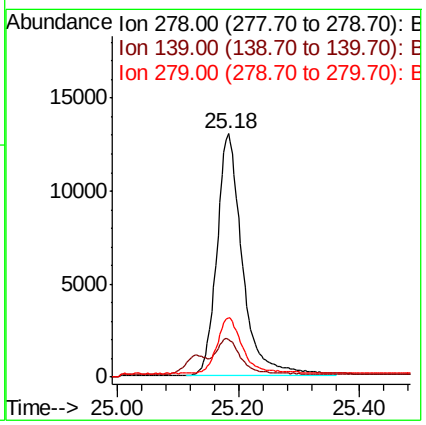


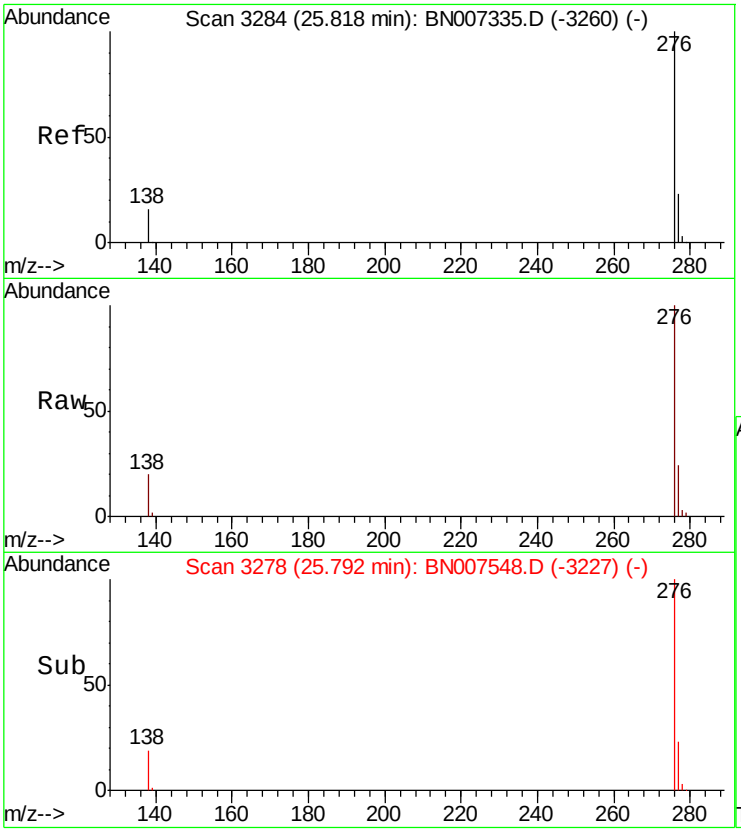


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.03 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Tgt Ion:278 Resp: 38334

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.7	20.5
279	24.5	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 25.79 min Scan# 3278
Delta R.T. -0.03 min
Lab File: BN007548.D
Acq: 06 Sep 2019 18:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38889

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	19.9	16.3	24.5