Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007547.D
Acq On : 06 Sep 2019 18:23
Operator : HP/JU
Sample : PB122825BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 07 00:02:33 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	5518	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	22190	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	11793	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	26930	0.40	ng		0.00
27) Chrysene-d12	21.02	240	26781	0.40	ng		0.00
34) Perylene-d12	23.12	264	28691	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6651	0.34	ng		-0.02
5) Phenol-d6	6.58	99	7819	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	6850	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	13675	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	1818	0.29	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	19147	0.40	ng		0.00
25) Fluoranthene-d10	18.83	212	31029	0.36	ng		-0.01
29) Terphenyl-d14	19.46	244	25614	0.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.99	88	4032	0.440	ng	#	81
3) n-Nitrosodimethylamine	3.32	42	1289	0.303	ng		78
6) bis(2-Chloroethyl)ether	6.83	93	7434	0.373	ng		99
9) Naphthalene	10.19	128	25259	0.398	ng	#	90
10) Hexachlorobutadiene	10.49	225	4658	0.359	ng	#	99
12) 2-Methylnaphthalene	11.82	142	16494	0.382	ng		95
16) Acenaphthylene	13.75	152	23149	0.332	ng		99
17) Acenaphthene	14.10	154	16087	0.394	ng		97
18) Fluorene	15.09	166	20094	0.389	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2012	0.189	ng	#	92
21) Hexachlorobenzene	16.10	284	7112	0.394	ng		95
22) Pentachlorophenol	16.46	266	1316	0.235	ng	#	67
23) Phenanthrene	16.83	178	32766	0.404	ng		99
24) Anthracene	16.92	178	27601	0.339	ng		99
26) Fluoranthene	18.86	202	38358	0.369	ng		99
28) Pyrene	19.23	202	39636	0.368	ng		99
30) Benzo(a)anthracene	20.99	228	38263	0.364	ng		99
31) Chrysene	21.05	228	39220	0.386	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	18389	0.251	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	48007	0.393	ng	#	95
35) Benzo(b)fluoranthene	22.50	252	37860	0.364	ng		97
36) Benzo(k)fluoranthene	22.54	252	45163	0.440	ng	#	95
37) Benzo(a)pyrene	23.03	252	36867	0.373	ng		97
38) Dibenzo(a,h)anthracene	25.18	278	38437	0.389	ng		99
39) Benzo(g,h,i)perylene	25.80	276	39015	0.397	ng		99

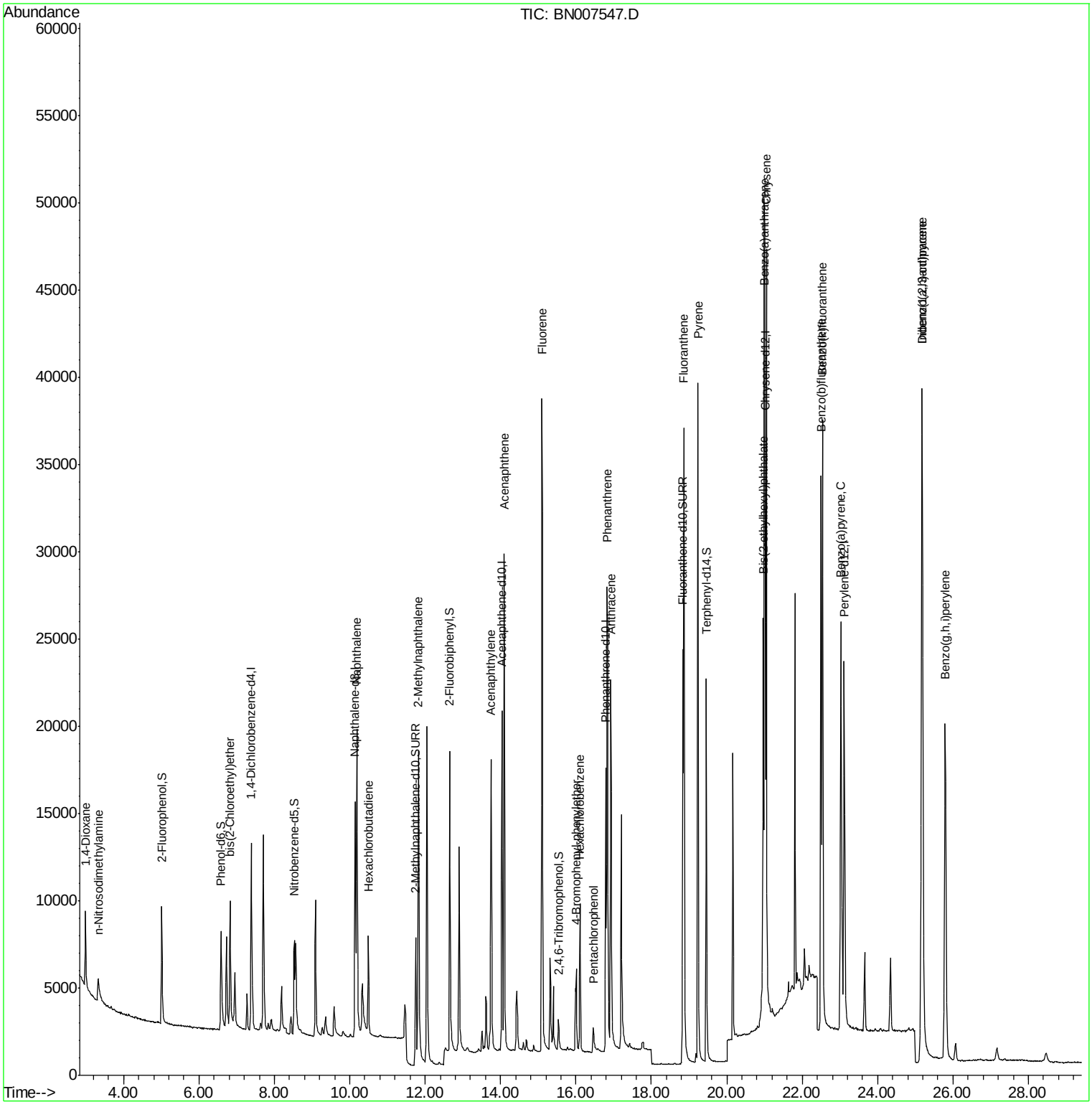
(#) = qualifier out of range (m) = manual integration (+) = signals summed

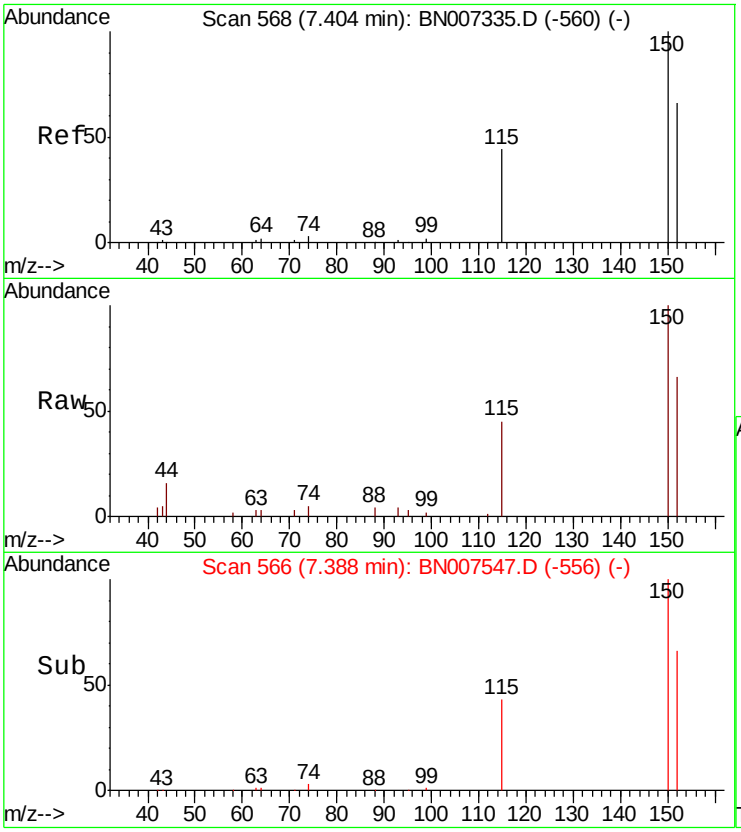
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007547.D
Acq On : 06 Sep 2019 18:23
Operator : HP/JU
Sample : PB122825BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 07 00:02:33 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



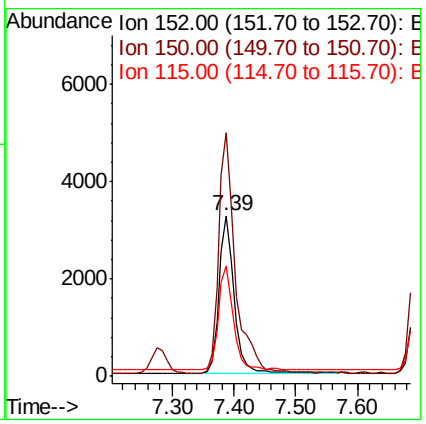


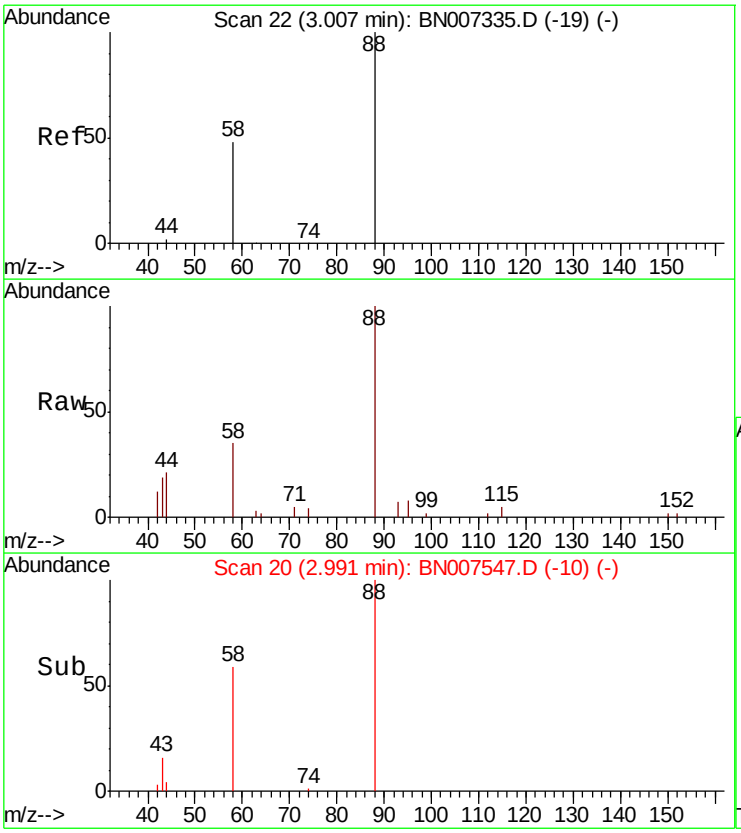
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5518

Ion	Ratio	Lower	Upper
152	100		
150	151.7	109.1	163.7
115	68.6	59.6	89.4

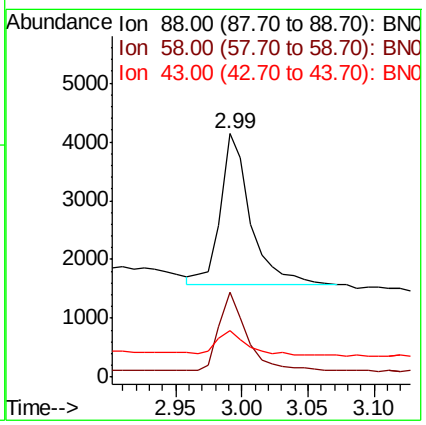


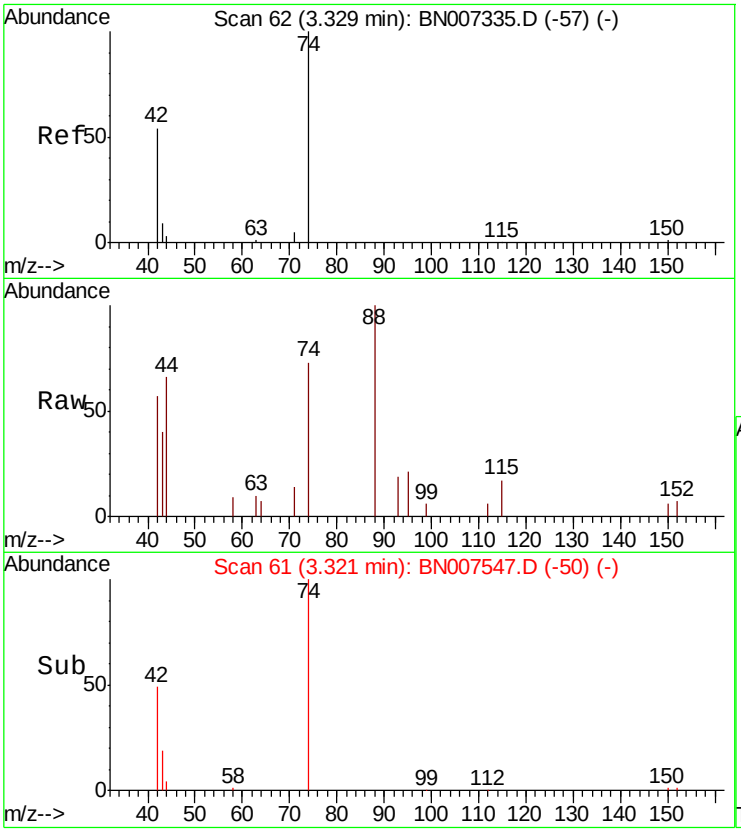


#2
1,4-Dioxane
Concen: 0.440 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion: 88 Resp: 4032

Ion	Ratio	Lower	Upper
88	100		
58	48.4	50.5	75.7#
43	15.7	0.0	0.0#



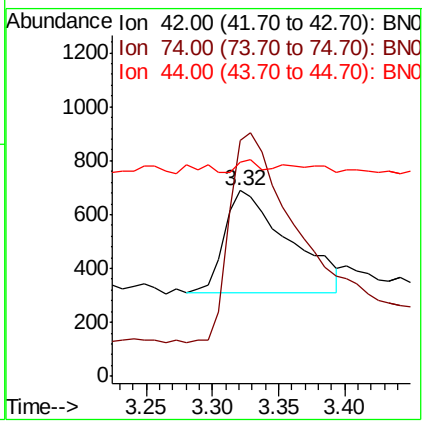


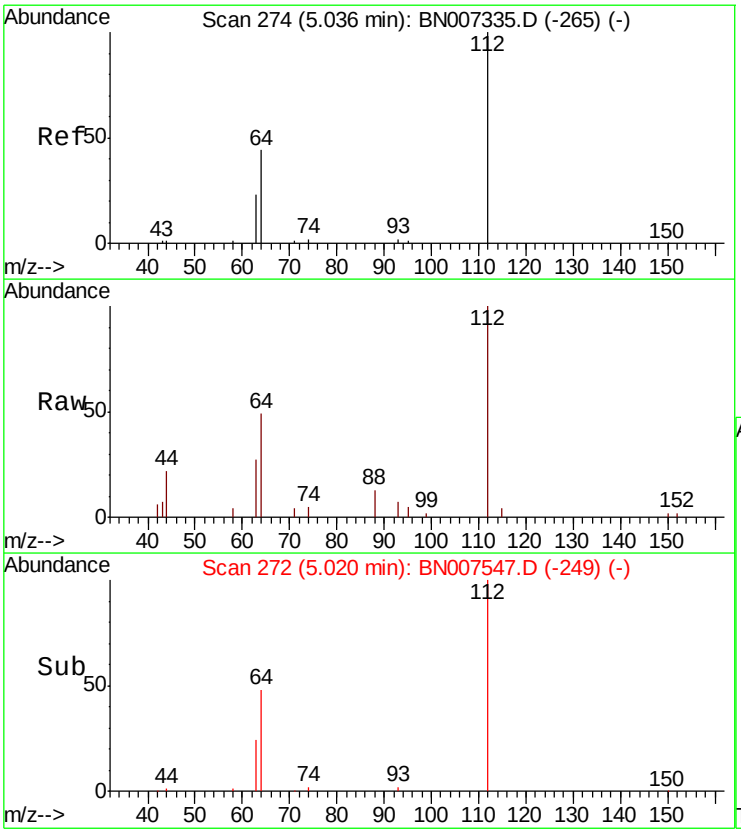
#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1289

Ion	Ratio	Lower	Upper
42	100		
74	213.2	144.7	217.1
44	4.3	3.2	4.8

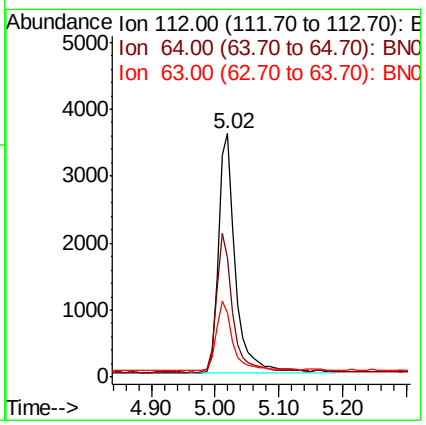


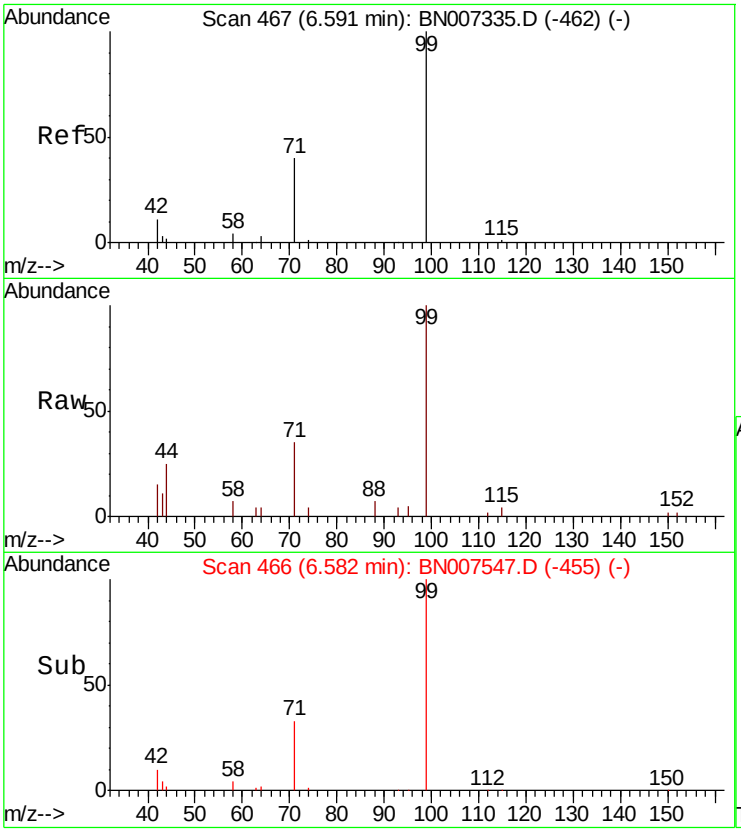


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:112 Resp: 6651

Ion	Ratio	Lower	Upper
112	100		
64	55.3	42.3	63.5
63	27.4	23.6	35.4



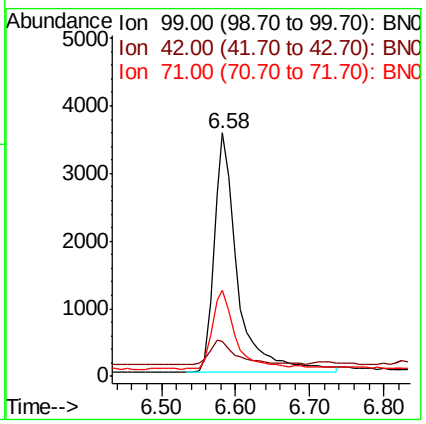


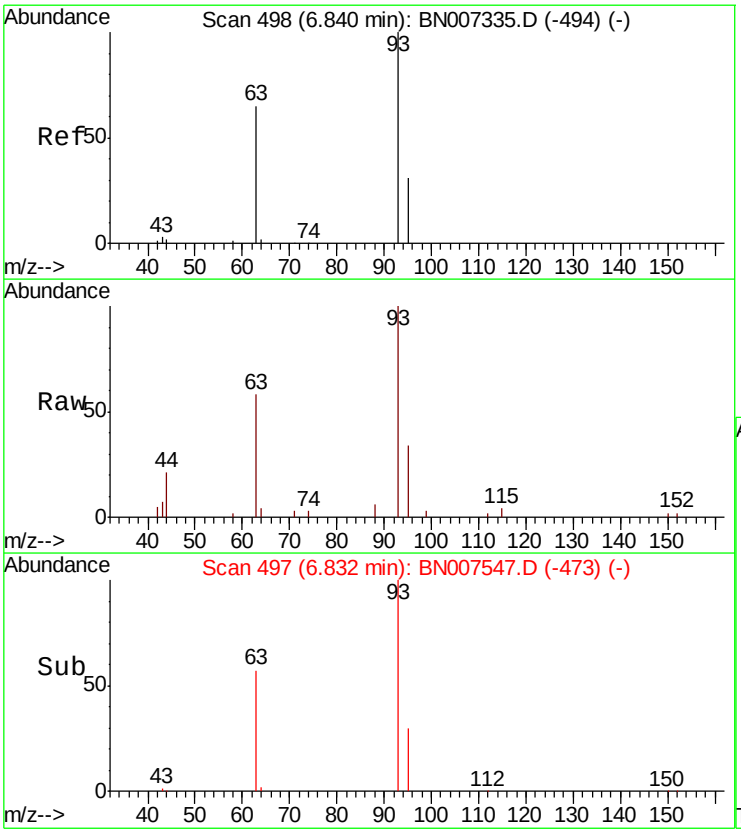
#5
Phenol-d6
Concen: 0.315 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7819

Ion	Ratio	Lower	Upper
99	100		
42	11.7	11.2	16.8
71	33.2	31.8	47.8

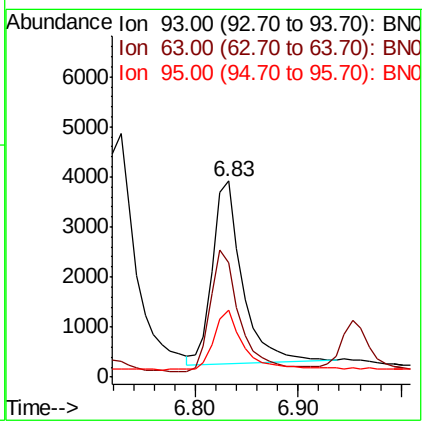


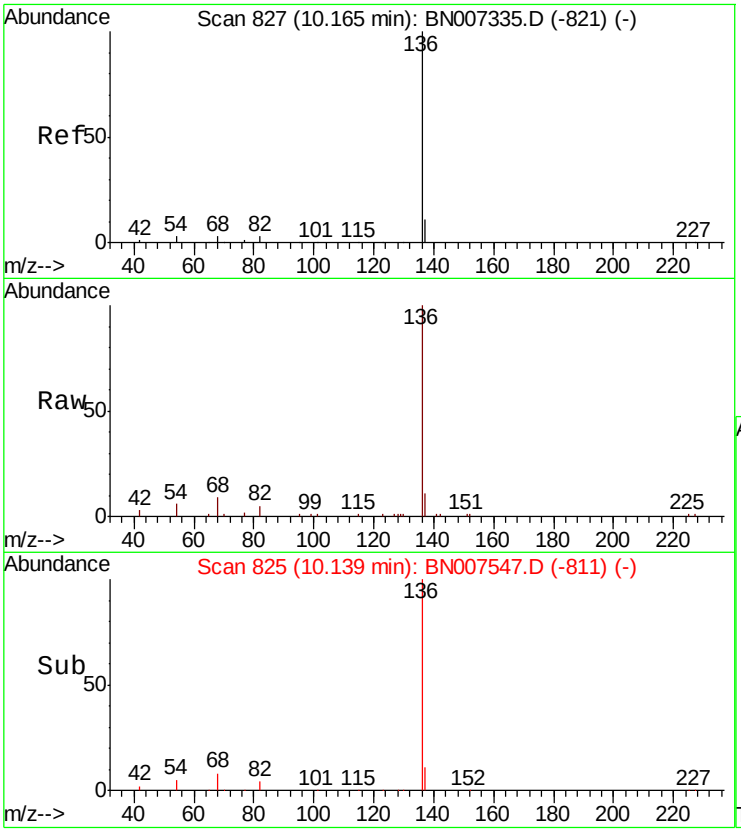


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion: 93 Resp: 7434

Ion	Ratio	Lower	Upper
93	100		
63	64.5	51.9	77.9
95	34.2	27.7	41.5



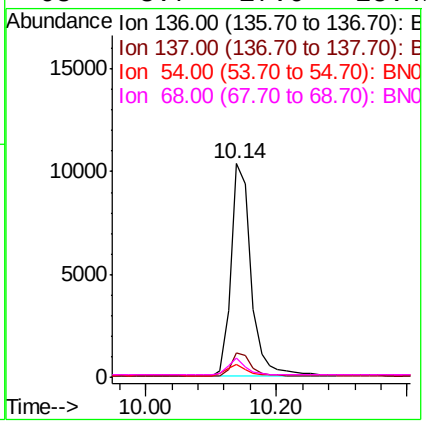


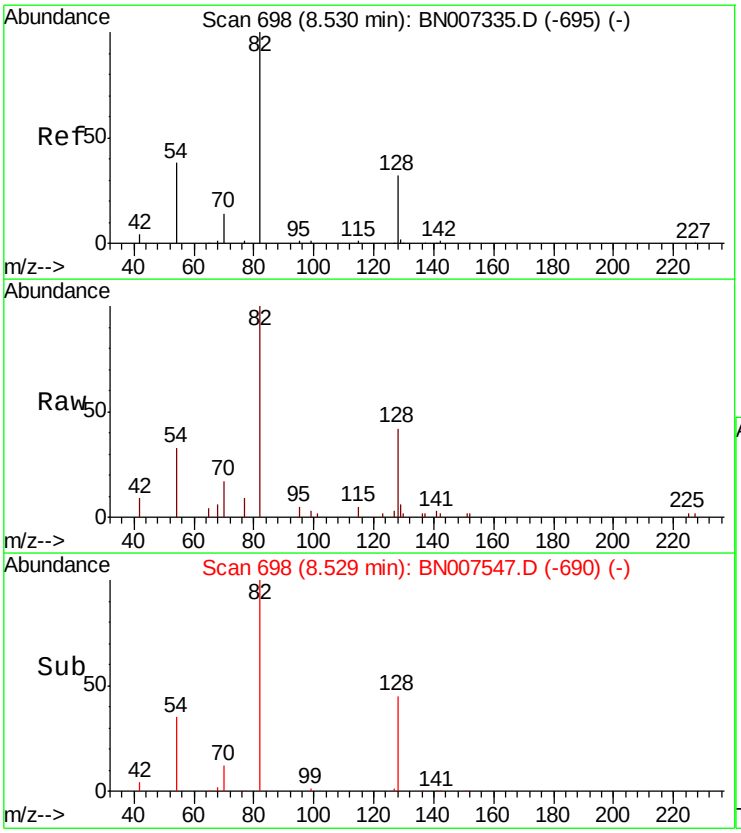
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 22190

Ion	Ratio	Lower	Upper
136	100		
137	11.1	12.9	19.3#
54	6.2	8.6	12.8#
68	8.7	17.0	25.4#

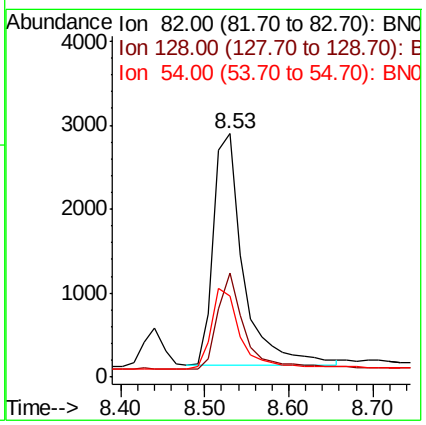


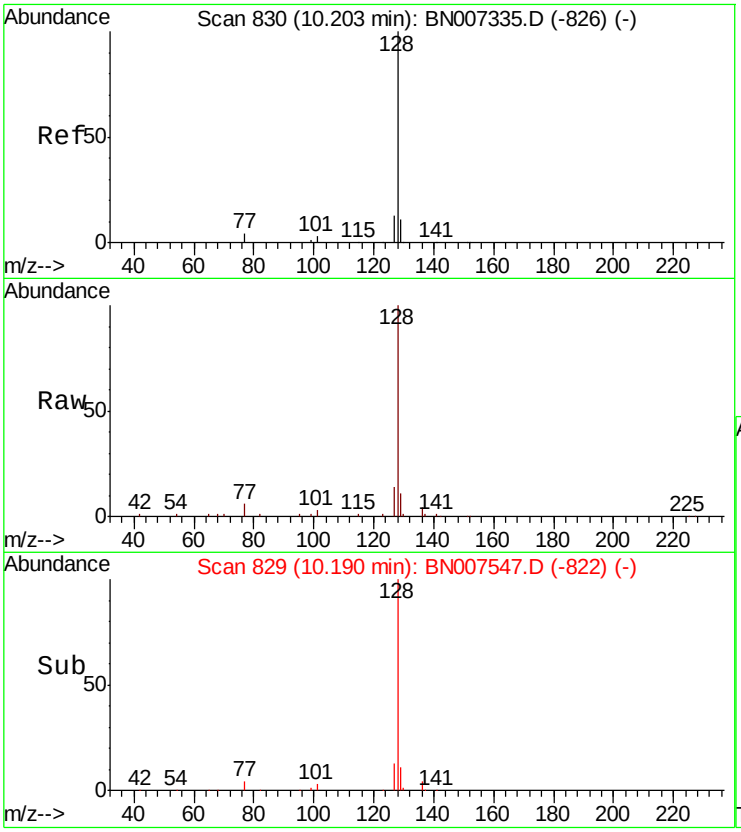


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion: 82 Resp: 6850

Ion	Ratio	Lower	Upper
82	100		
128	42.5	19.7	29.5#
54	33.2	25.8	38.6



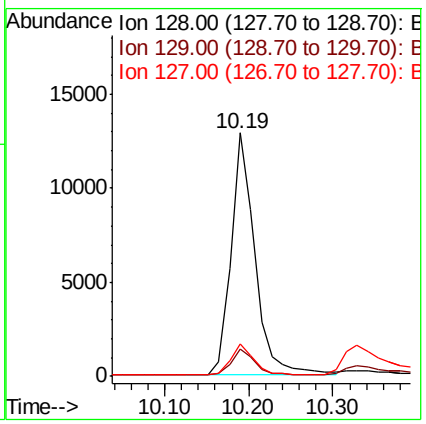


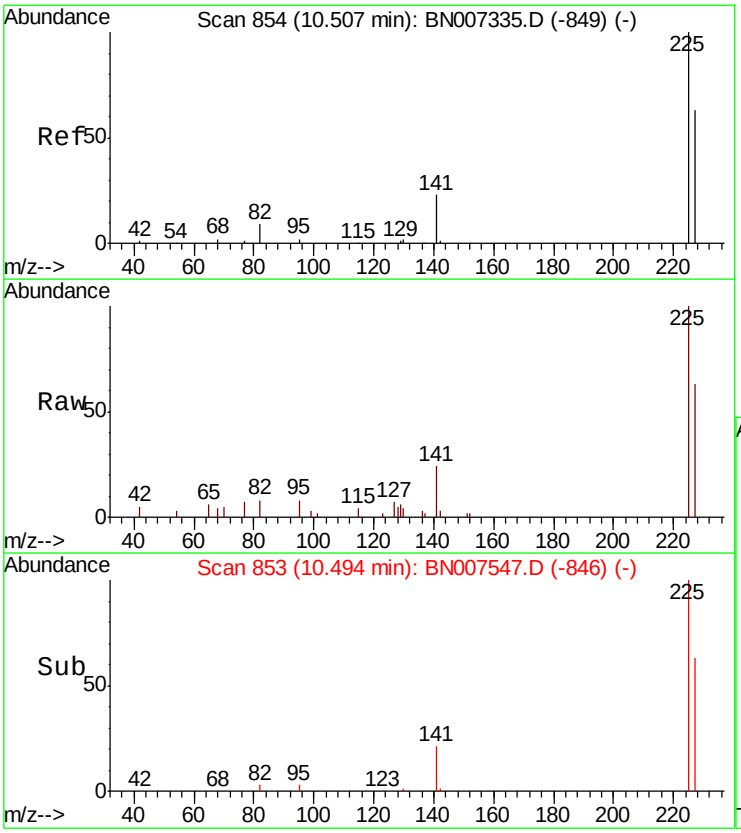
#9
Naphthalene
Concen: 0.398 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 25259

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	13.5	15.5	23.3#

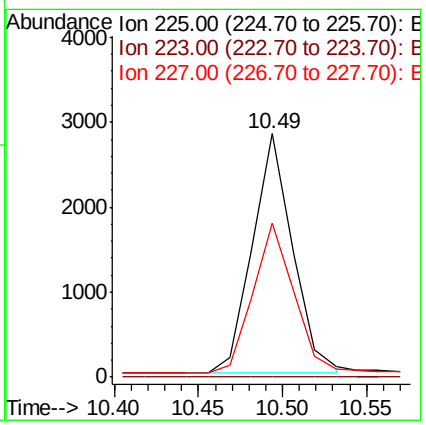


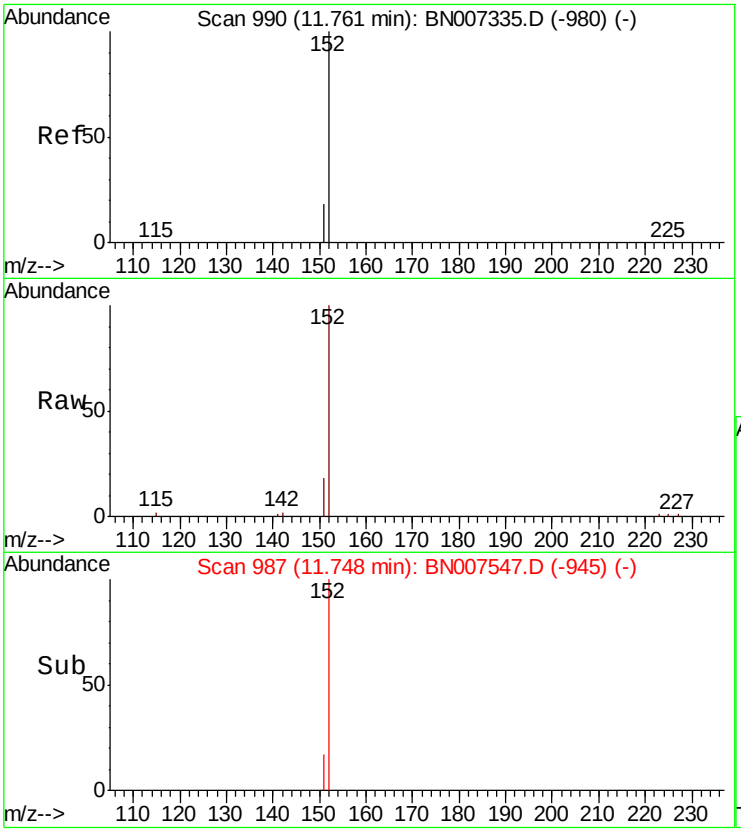


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:225 Resp: 4658

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.7	76.1



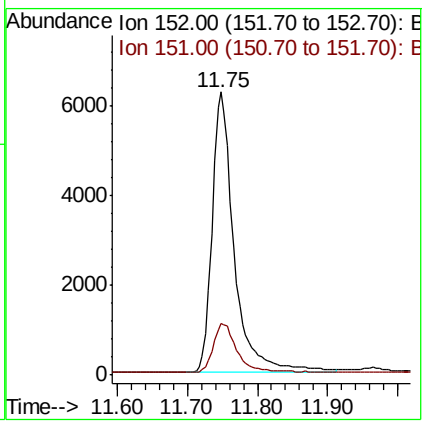


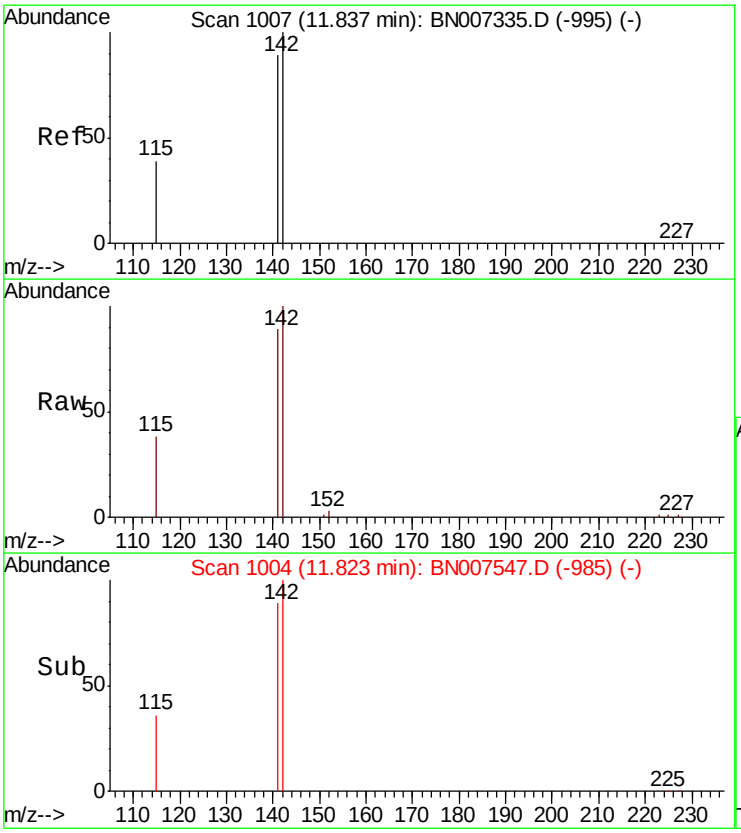
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13675

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

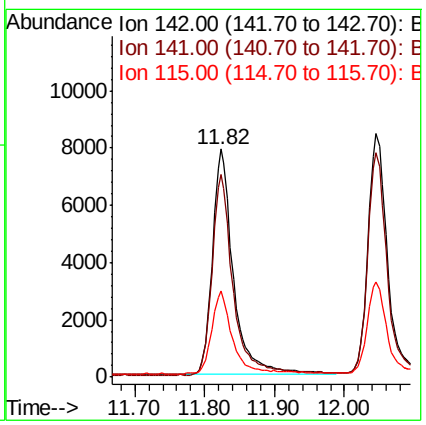


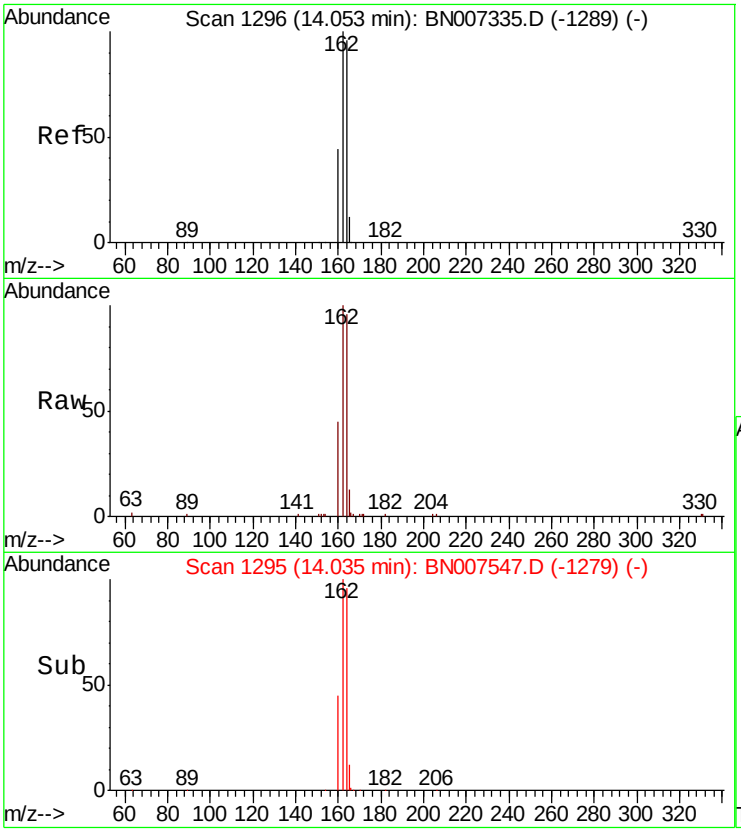


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:142 Resp: 16494

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.8	109.2
115	37.7	35.2	52.8



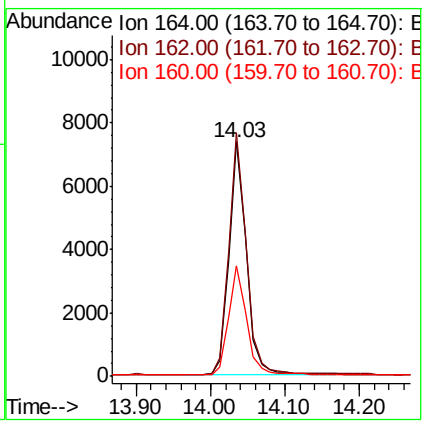


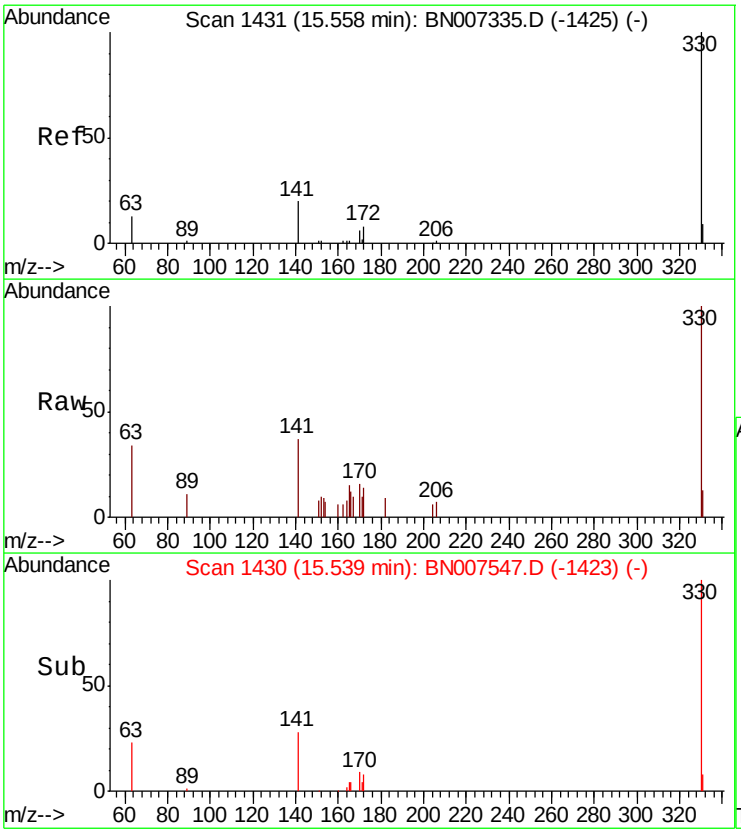
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11793

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.5	125.3
160	47.1	38.2	57.4

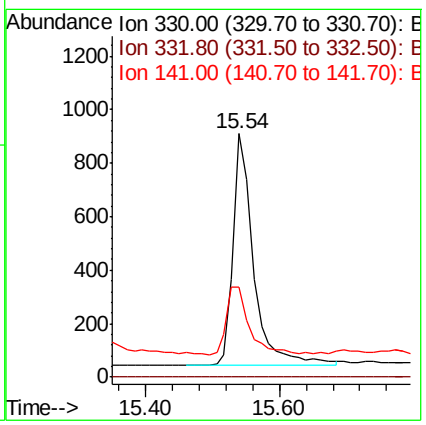


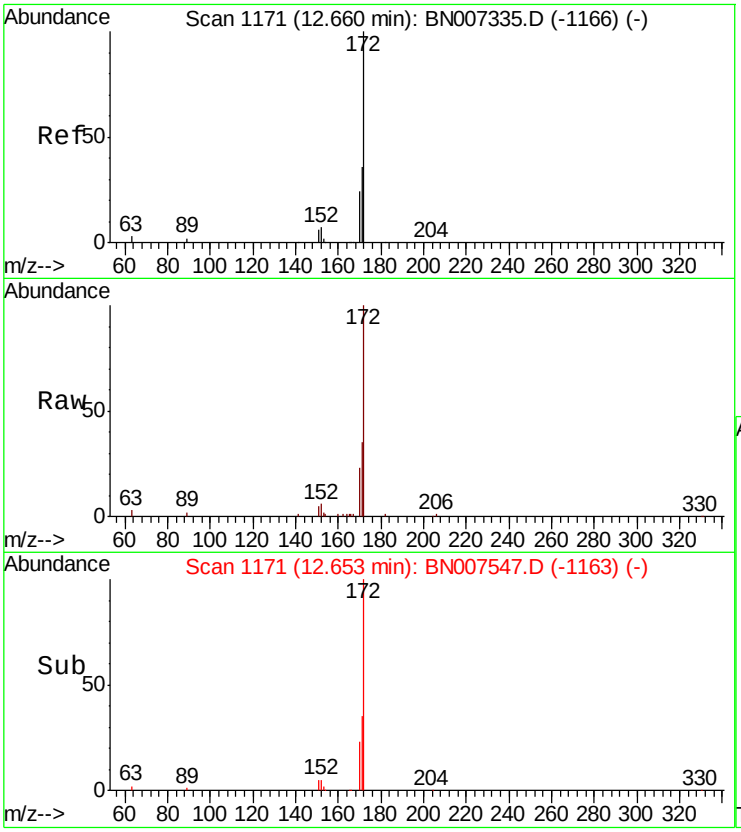


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:330 Resp: 1818

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



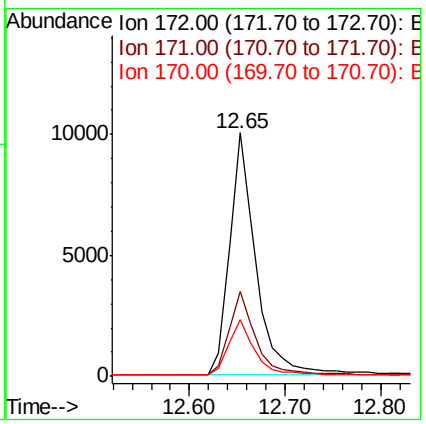


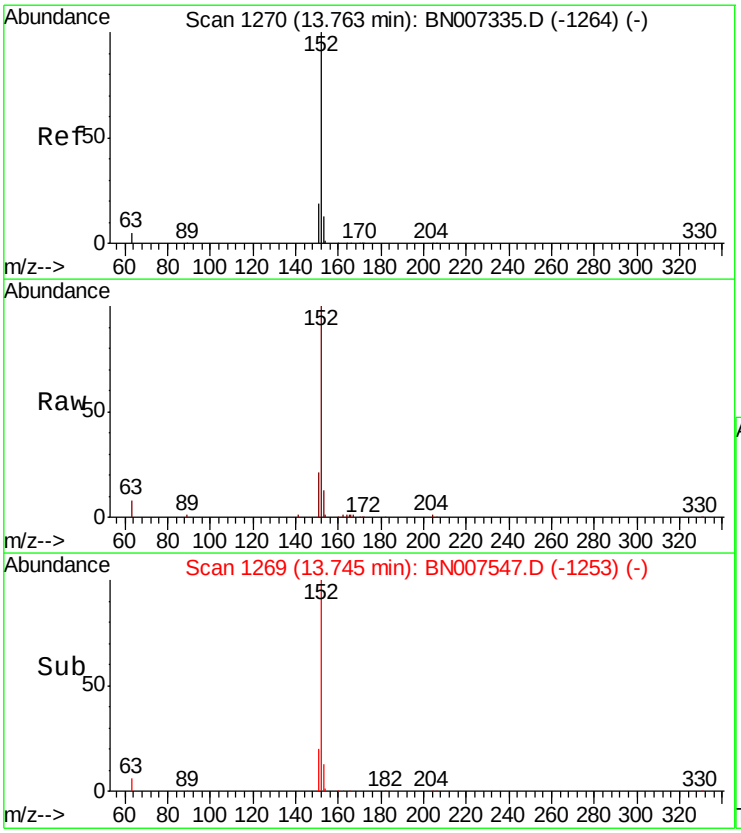
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19147

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.3	45.5
170	23.4	20.7	31.1

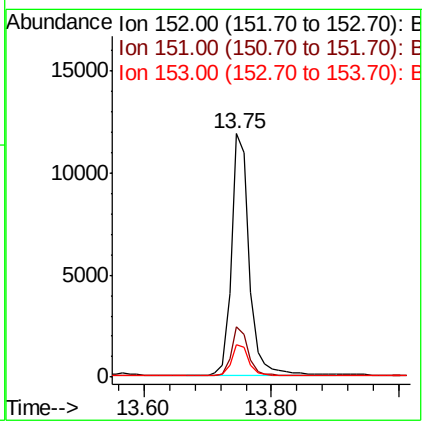


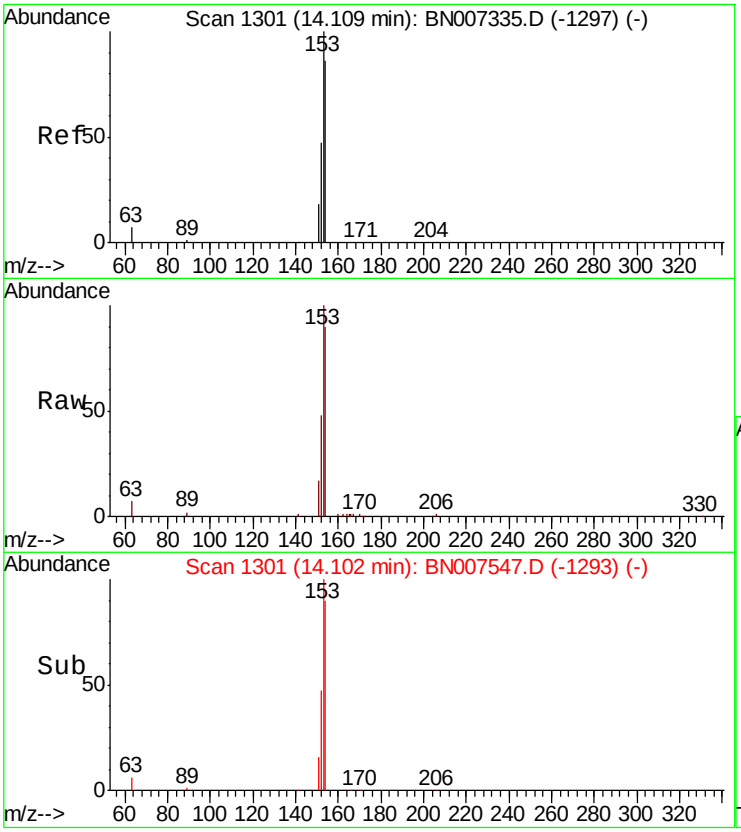


#16
Acenaphthylene
Concen: 0.332 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:152 Resp: 23149

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.6	15.8



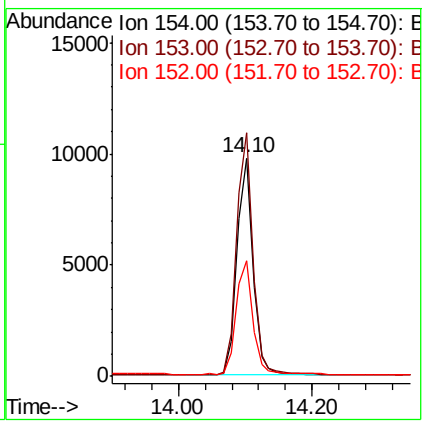


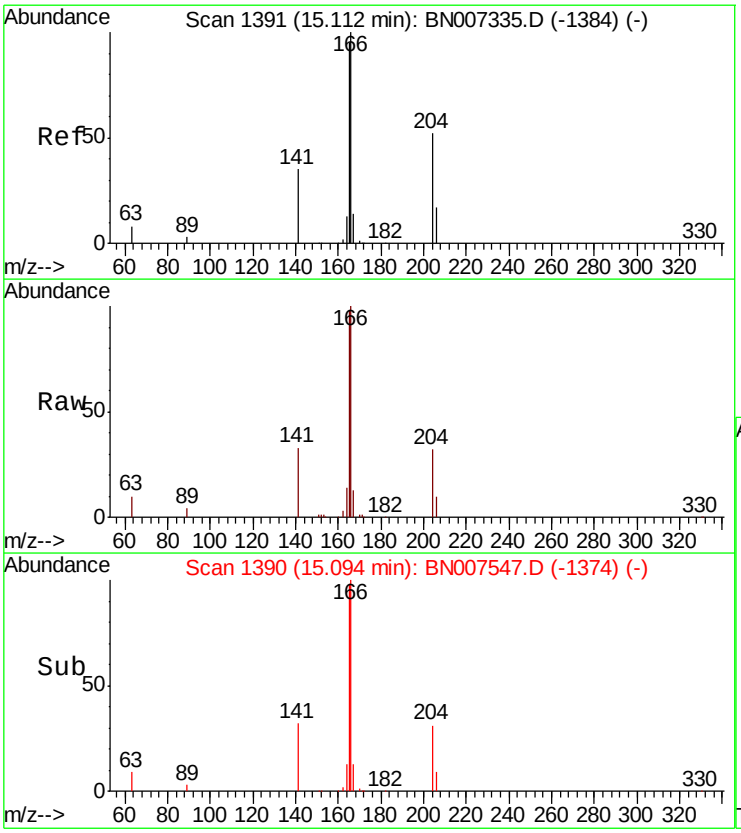
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16087

Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.8	139.2
152	53.8	43.8	65.8

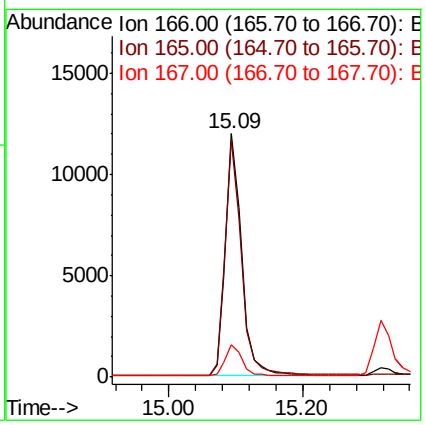


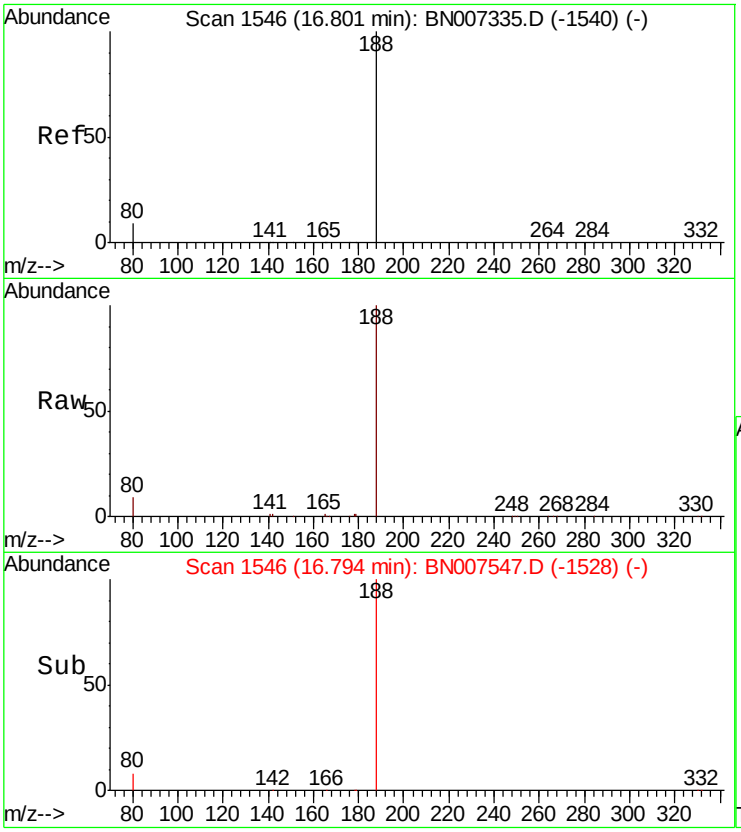


#18
Fluorene
Concen: 0.389 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:166 Resp: 20094

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.5	10.6	15.8



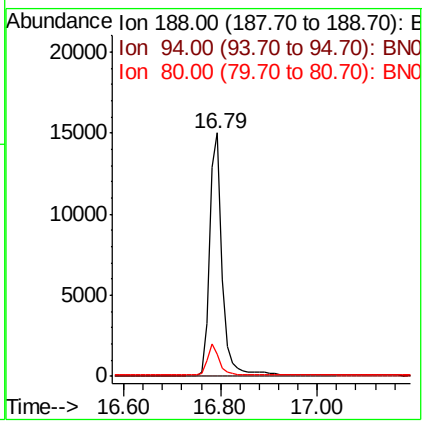


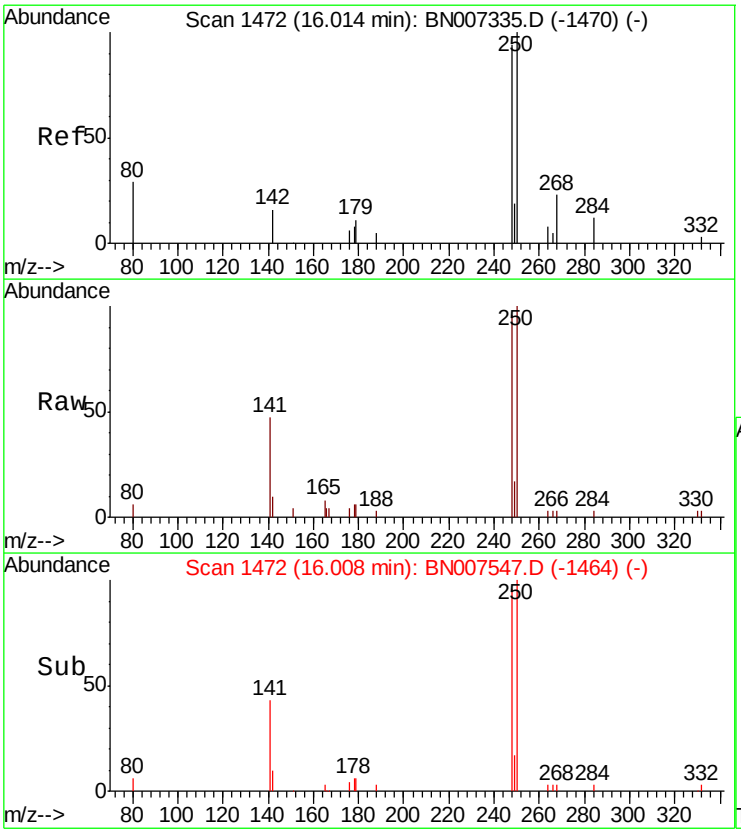
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 26930

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	11.8	17.8#

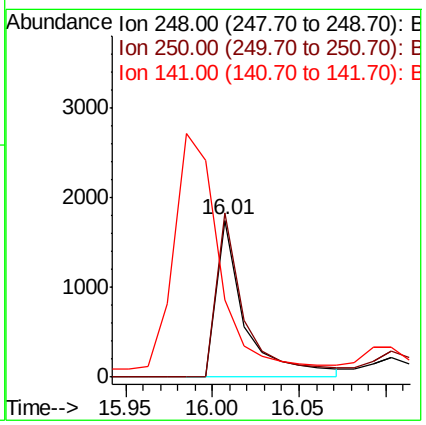


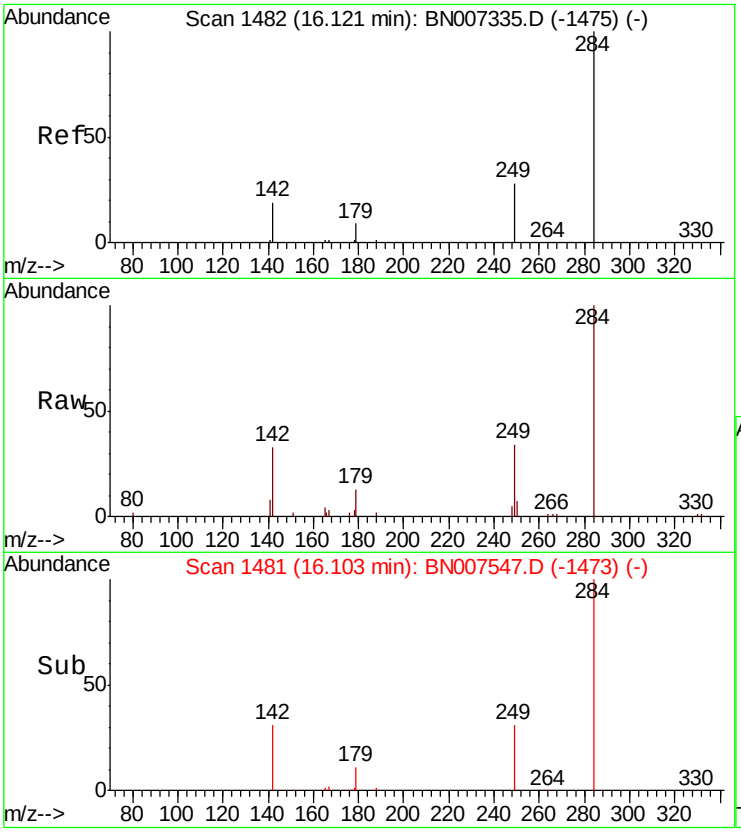


#20
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:248 Resp: 2012

Ion	Ratio	Lower	Upper
248	100		
250	104.6	85.0	127.6
141	49.6	51.7	77.5#



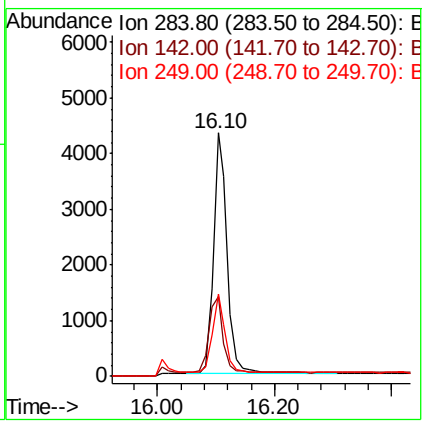


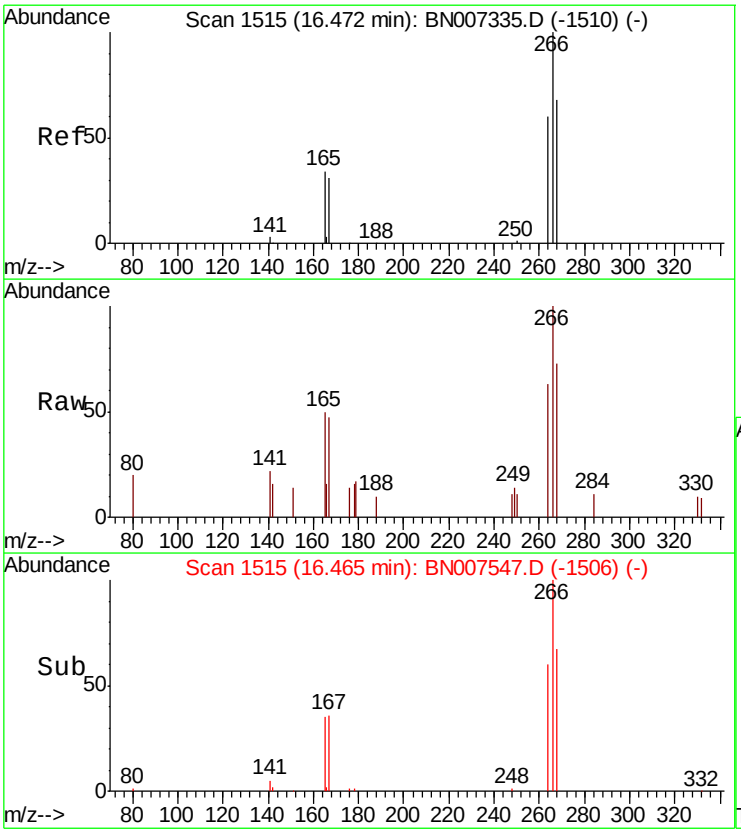
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7112

Ion	Ratio	Lower	Upper
284	100		
142	32.7	29.0	43.6
249	29.5	24.9	37.3

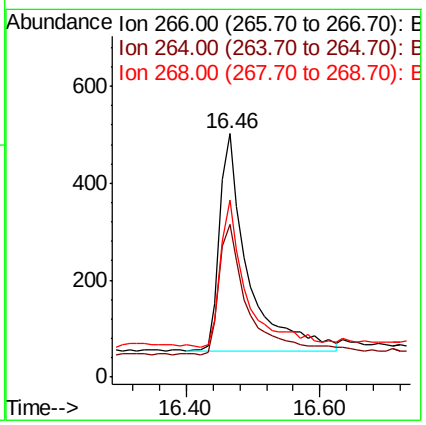


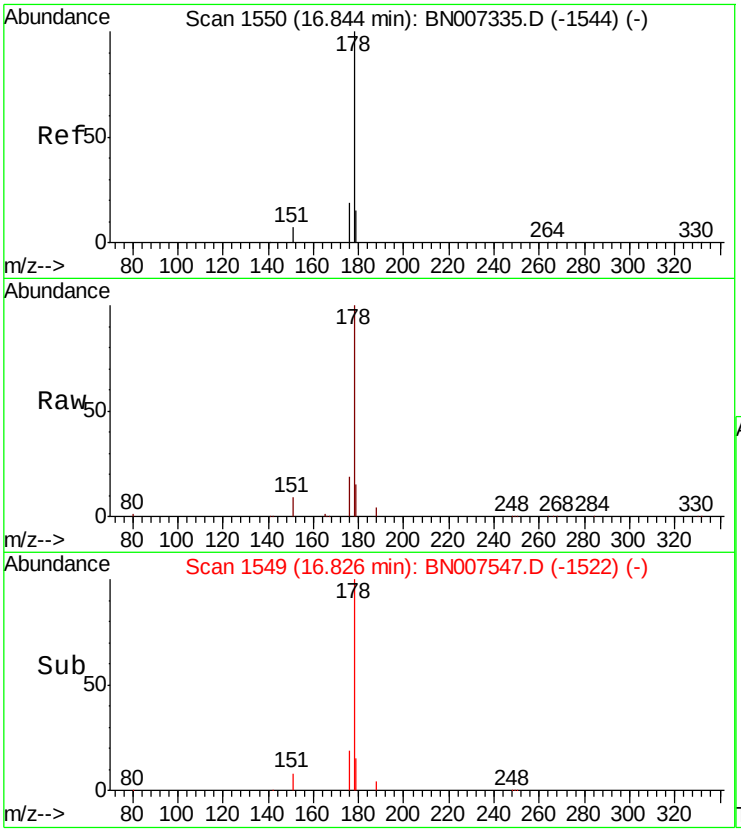


#22
Pentachlorophenol
Concen: 0.235 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:266 Resp: 1316

Ion	Ratio	Lower	Upper
266	100		
264	62.9	57.8	86.8
268	72.5	99.7	149.5#



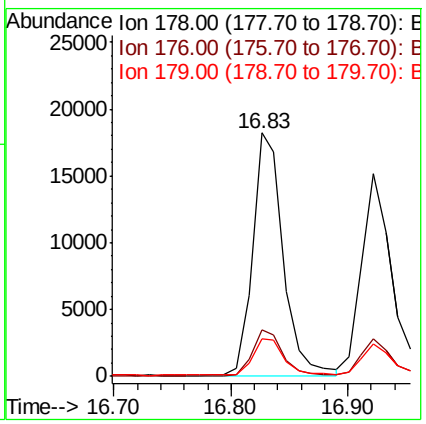


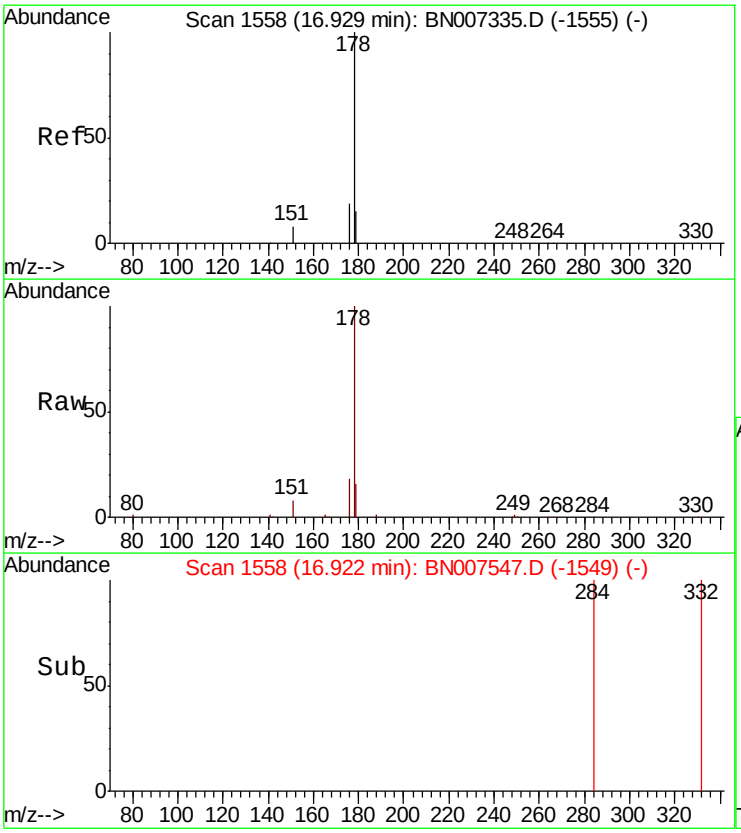
#23
Phenanthrene
Concen: 0.404 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32766

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

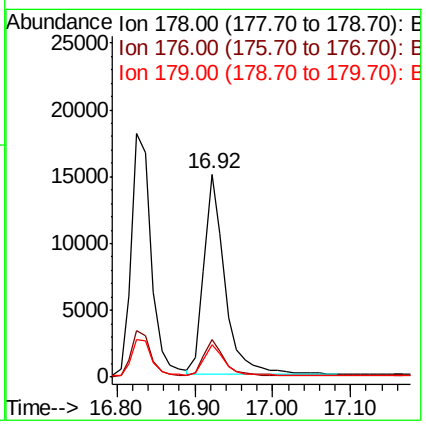


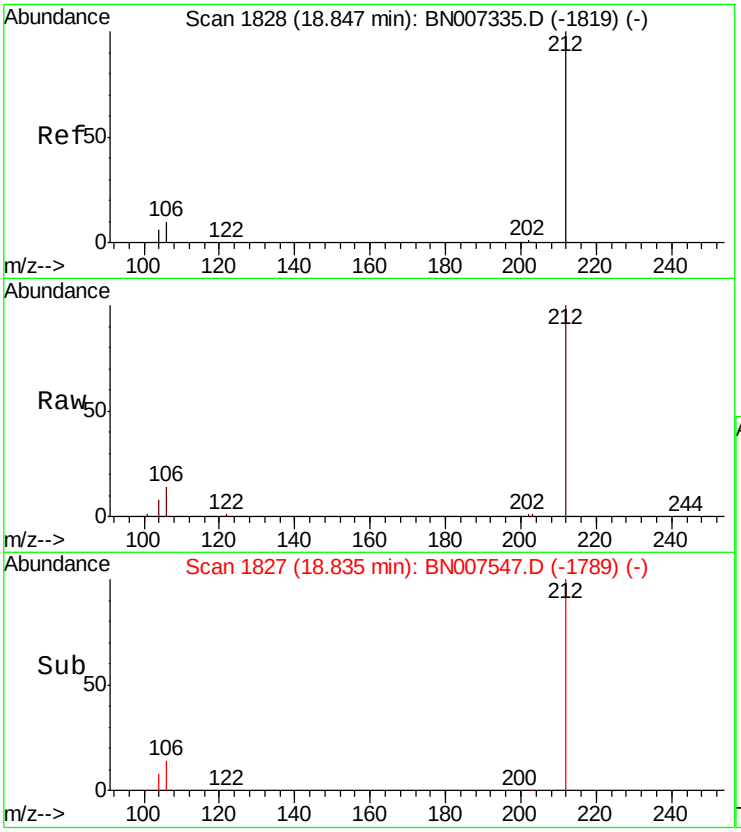


#24
Anthracene
Concen: 0.339 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:178 Resp: 27601

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



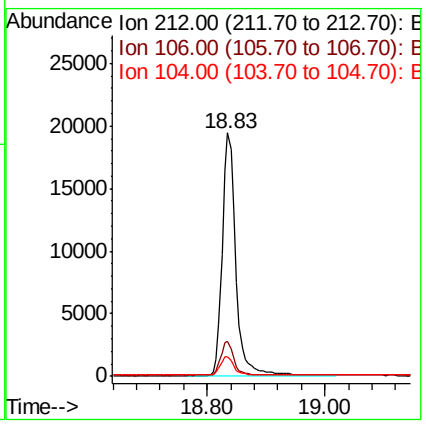


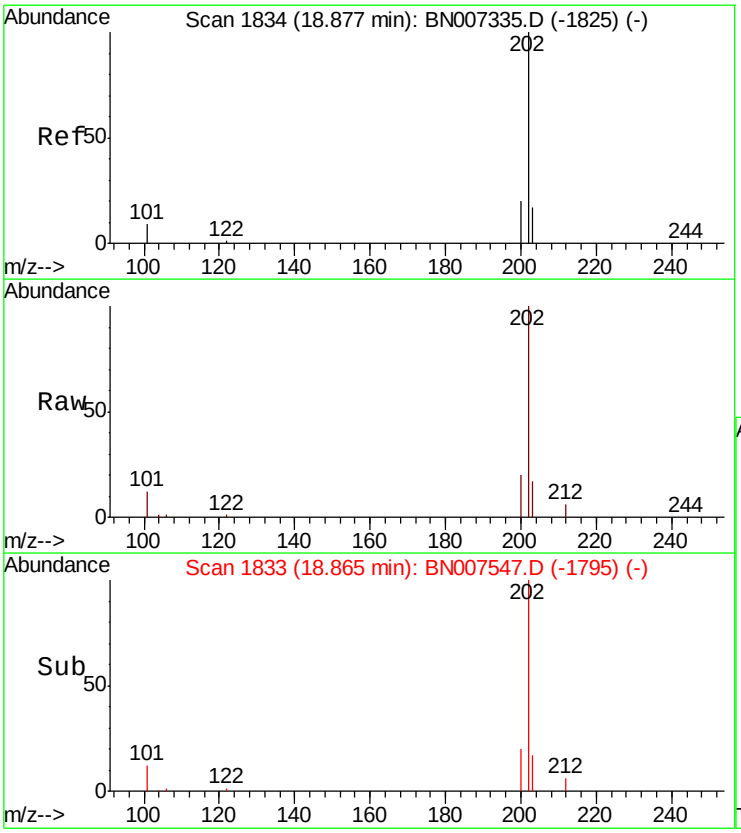
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 31029

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.0	13.4#
104	7.8	5.4	8.2

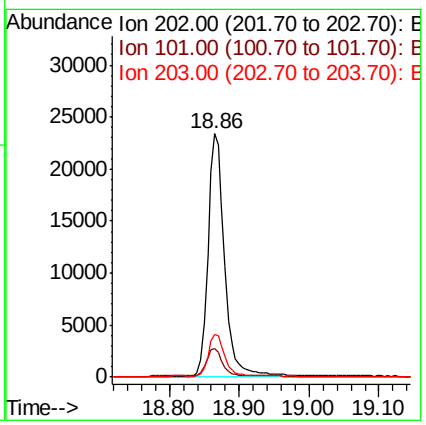


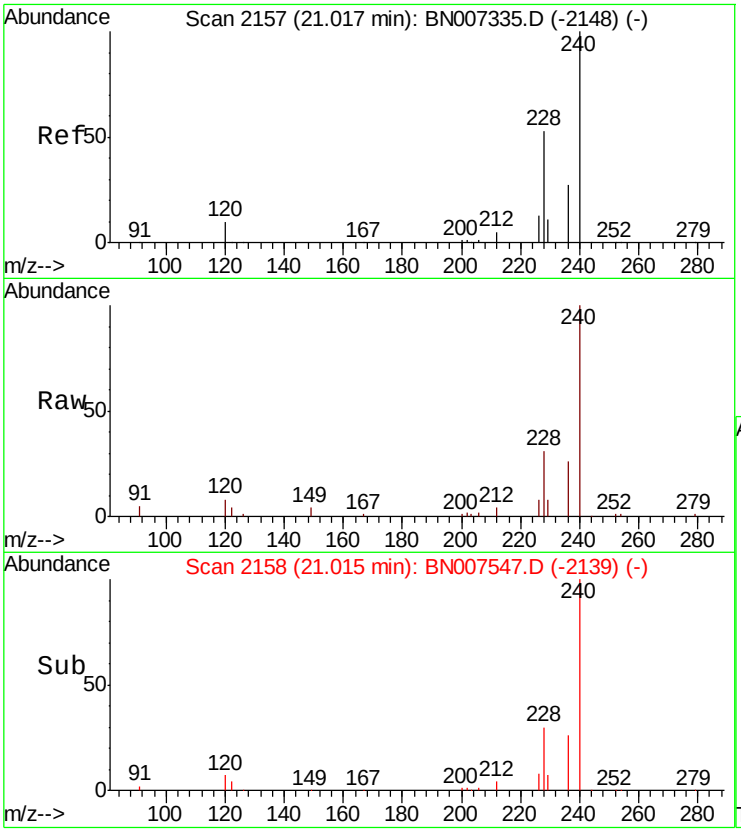


#26
Fluoranthene
Concen: 0.369 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:202 Resp: 38358

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.7	11.5
203	17.1	13.7	20.5



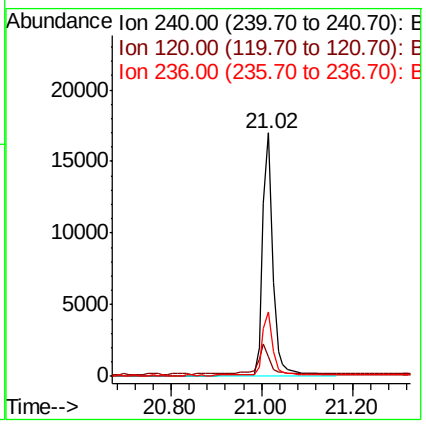


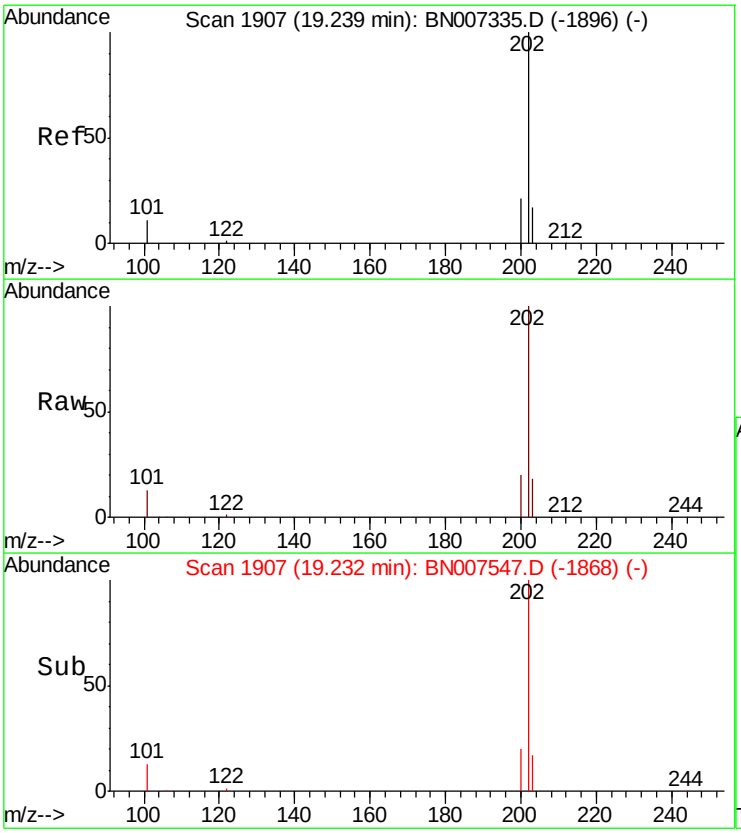
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 26781

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.6	14.4#
236	26.2	22.2	33.2

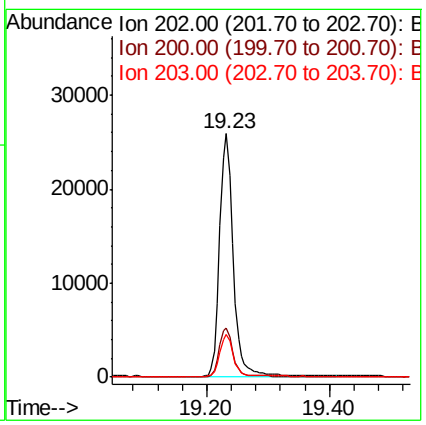


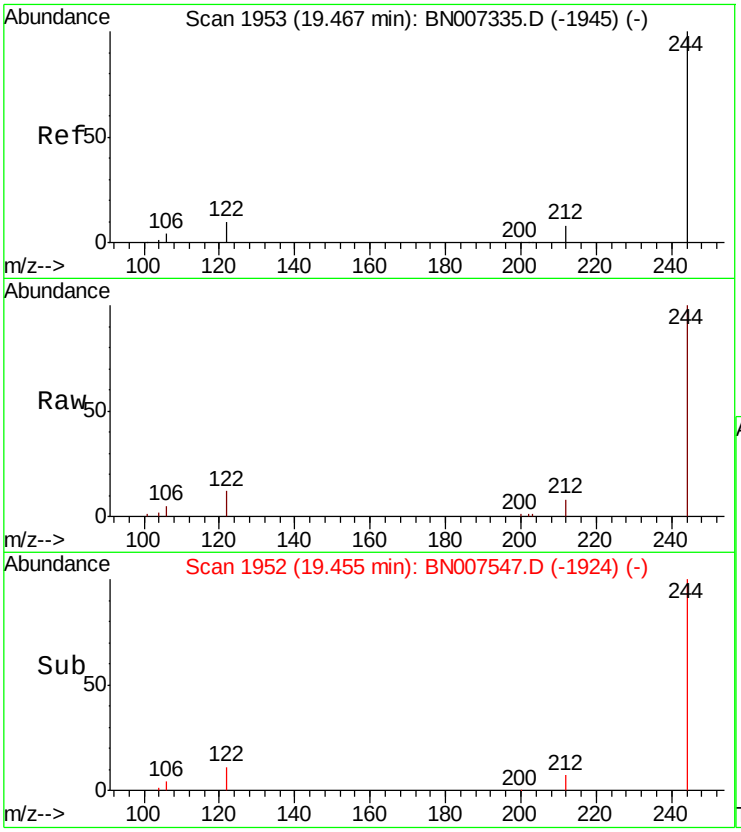


#28
Pyrene
Concen: 0.368 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:202 Resp: 39636

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.4	14.2	21.4



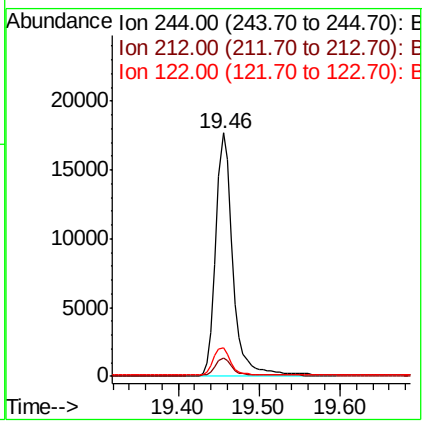


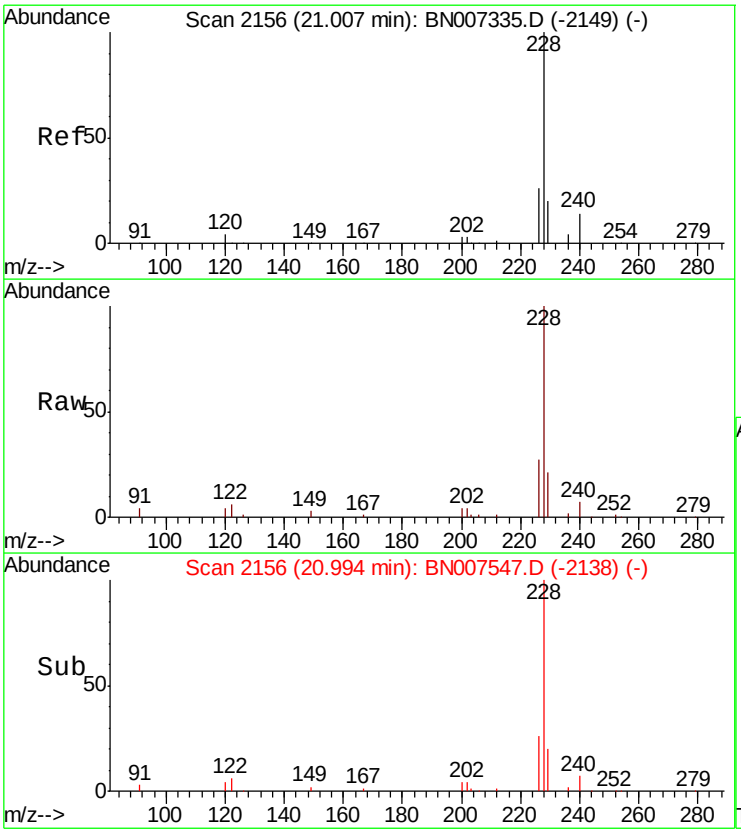
#29
Terphenyl-d14
Concen: 0.365 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 25614

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	11.6	9.6	14.4

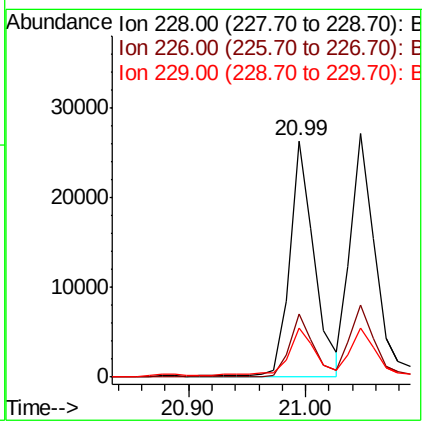


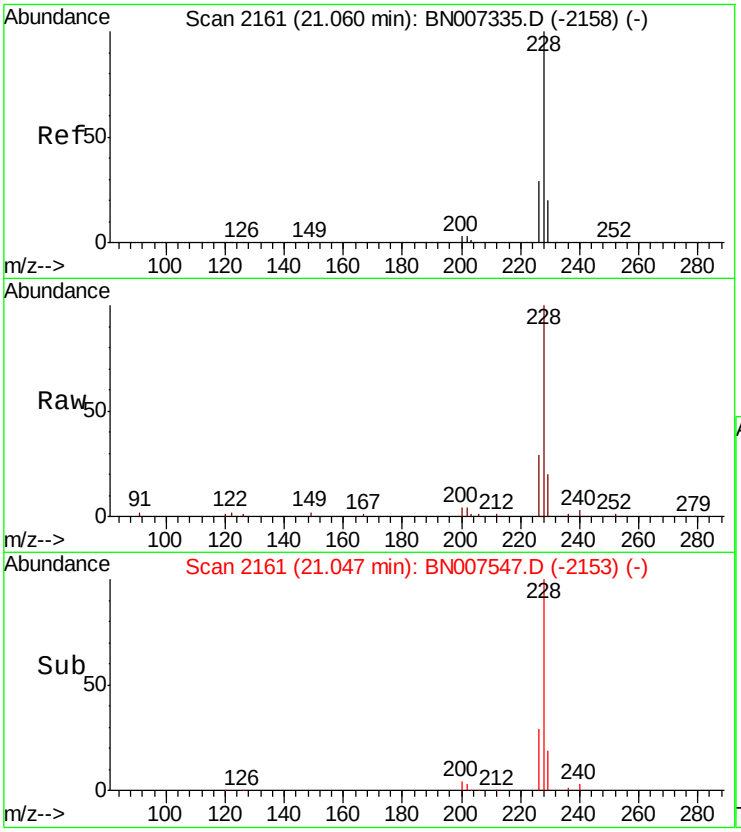


#30
Benzo(a)anthracene
Concen: 0.364 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:228 Resp: 38263

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.7	16.1	24.1



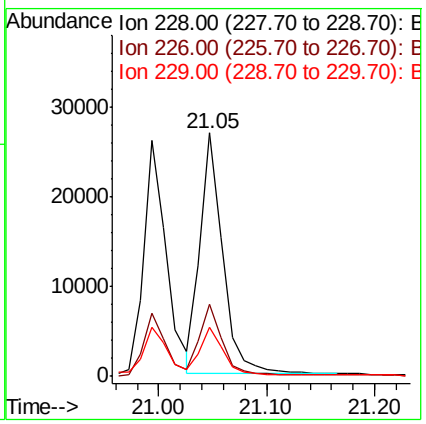


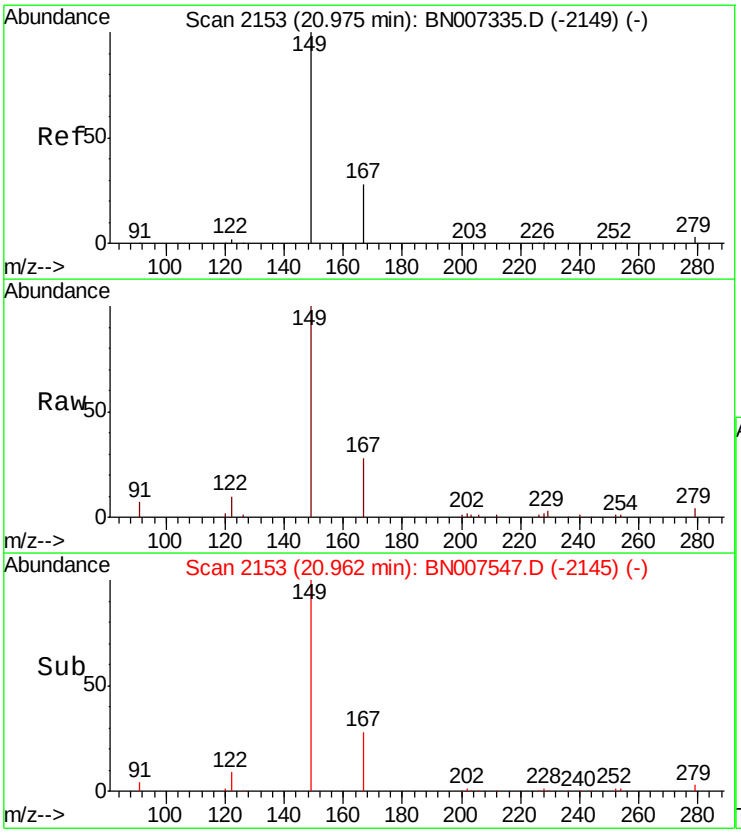
#31
Chrysene
Concen: 0.386 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 39220

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	19.9	16.6	24.8

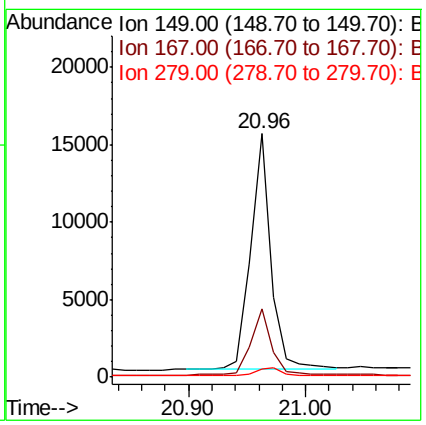


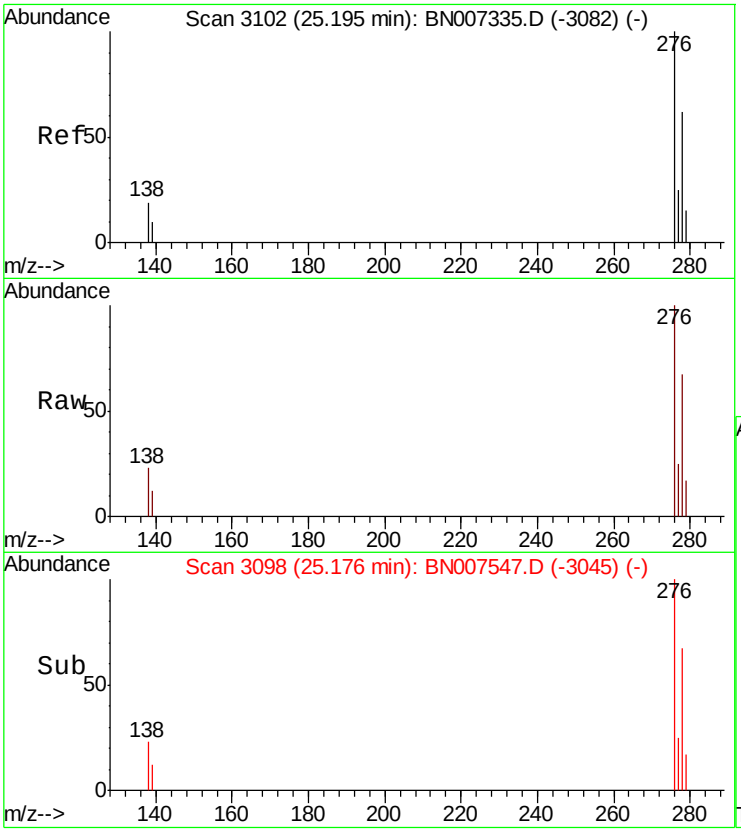


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.251 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:149 Resp: 18389

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.8	34.2
279	4.4	3.5	5.3



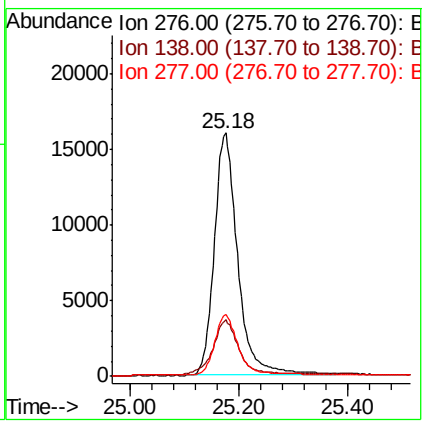


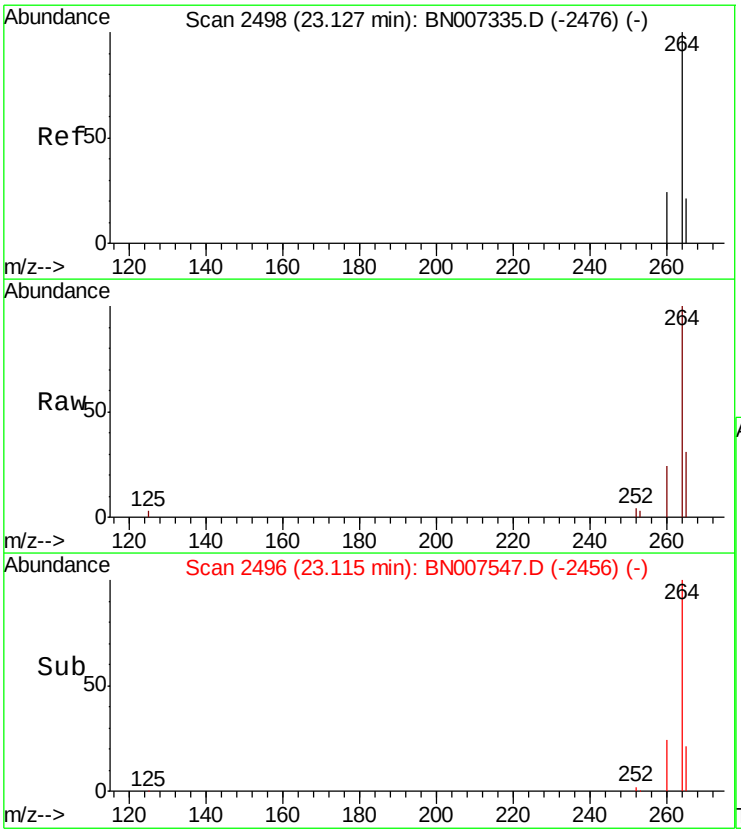
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48007

Ion	Ratio	Lower	Upper
276	100		
138	24.1	15.1	22.7#
277	24.4	19.7	29.5

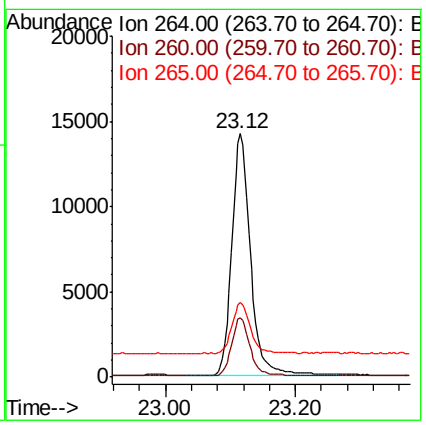


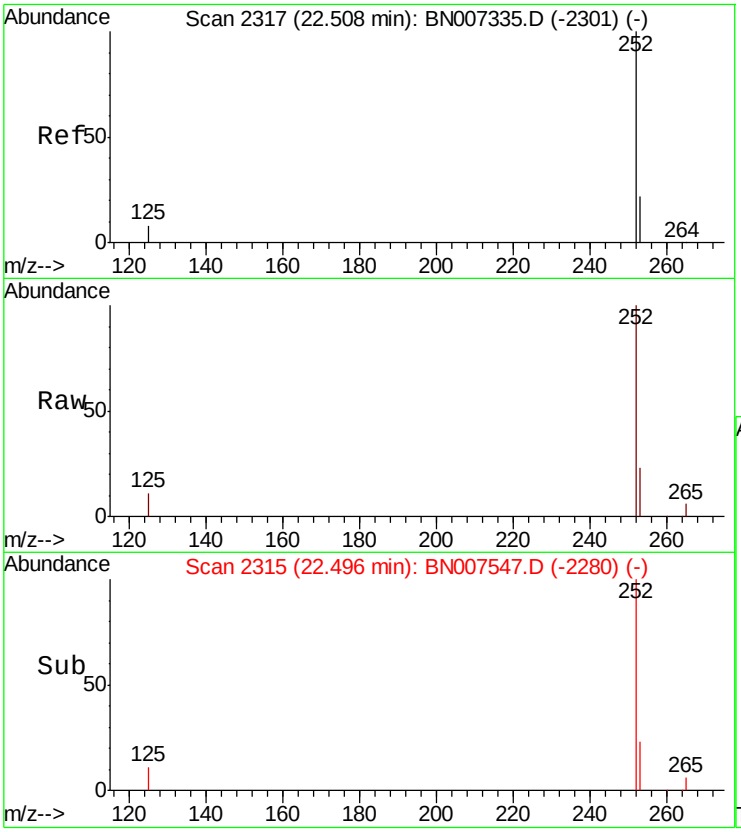


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:264 Resp: 28691

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	30.7	29.9	44.9



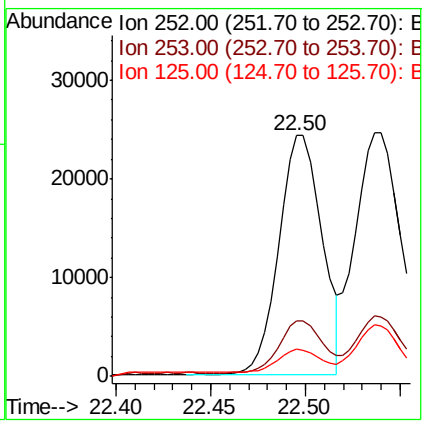


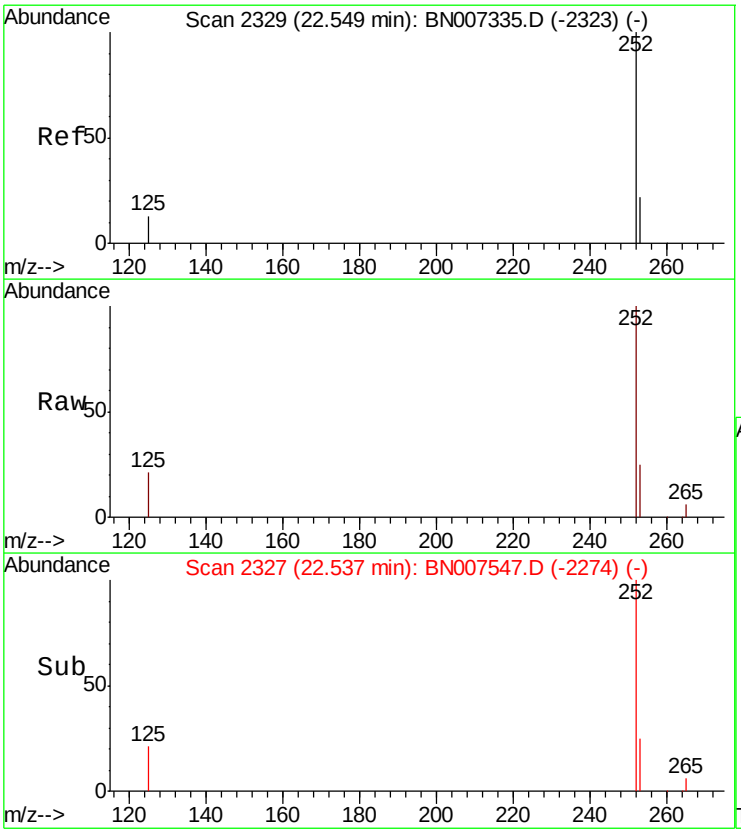
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37860

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	11.2	10.6	16.0

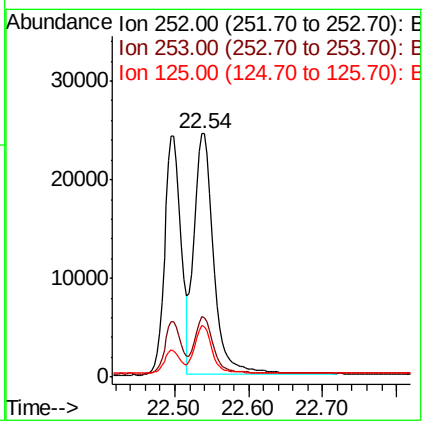


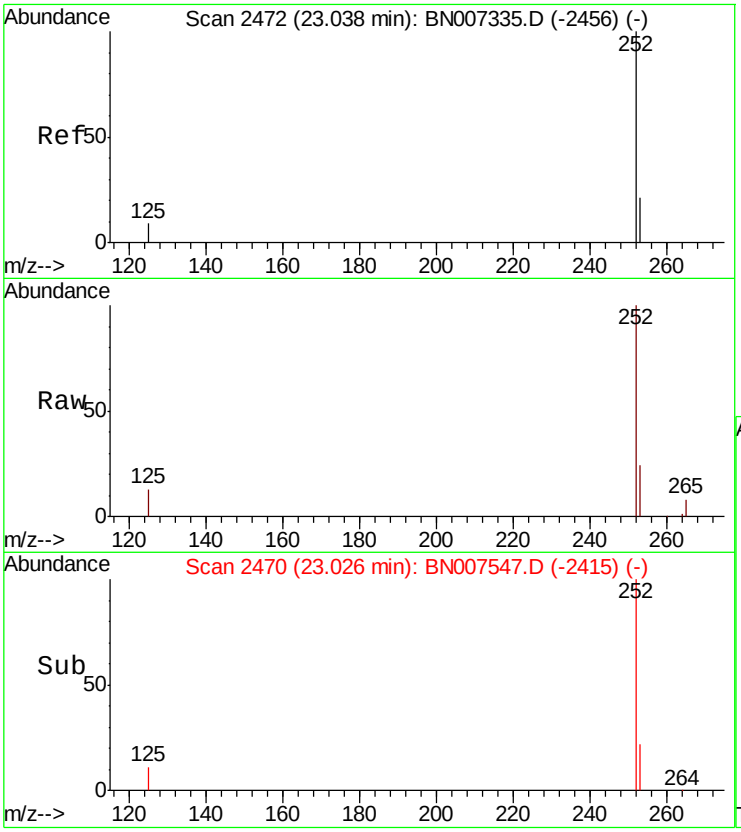


#36
Benzo(k)fluoranthene
Concen: 0.440 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:252 Resp: 45163

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	21.0	13.1	19.7#



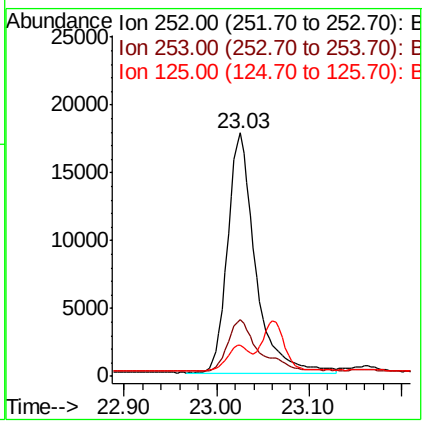


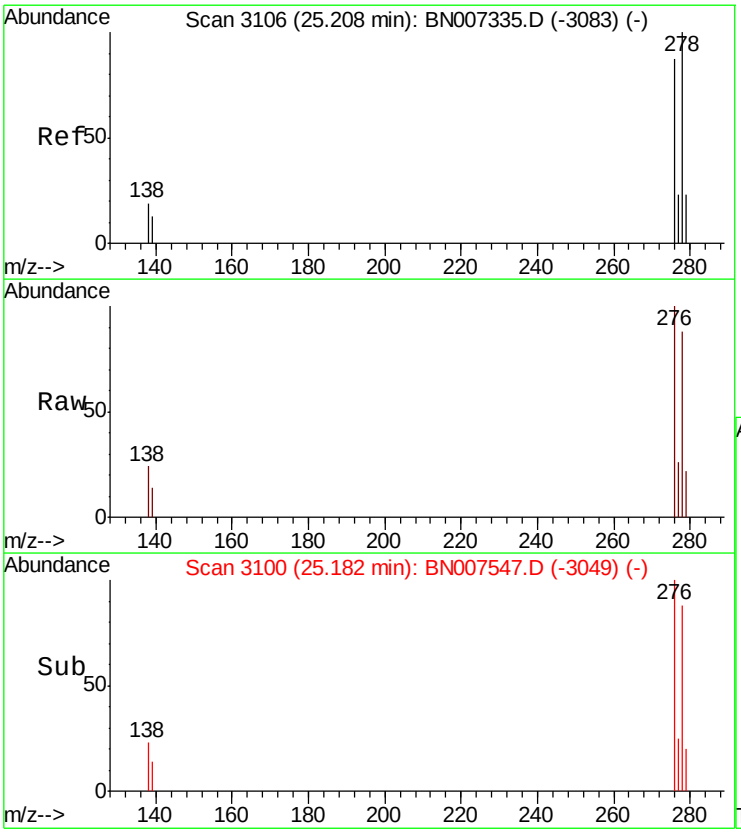
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36867

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	12.7	12.1	18.1

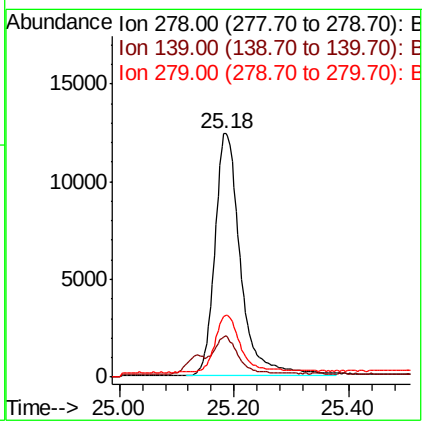


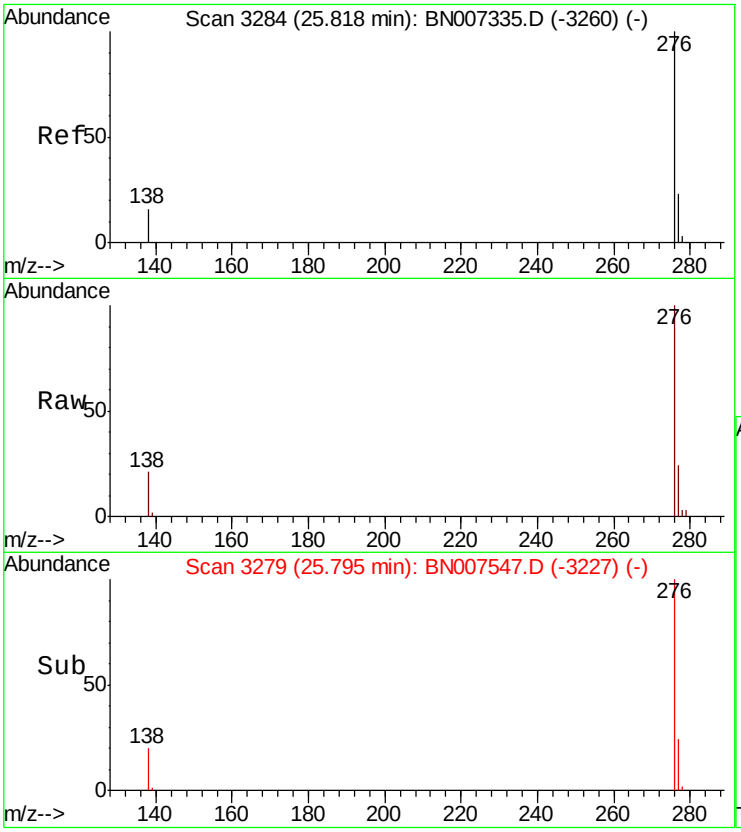


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.03 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Tgt Ion:278 Resp: 38437

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	25.0	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 25.80 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BN007547.D
Acq: 06 Sep 2019 18:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39015

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	20.9	16.3	24.5