Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007306.D
Acq On : 22 Aug 2019 00:47
Operator : HP/JU
Sample : PB122438BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 22 05:02:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4971	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	18280	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	9762	0.40	ng		0.00
19) Phenanthrene-d10	16.82	188	22178	0.40	ng		0.00
27) Chrysene-d12	21.03	240	25111	0.40	ng		0.00
34) Perylene-d12	23.14	264	28988	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	4427	0.29	ng		0.00
5) Phenol-d6	6.61	99	5500	0.31	ng		0.00
8) Nitrobenzene-d5	8.54	82	4073	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	11956	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1619	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	11981	0.29	ng		0.00
25) Fluoranthene-d10	18.85	212	22131	0.31	ng		0.00
29) Terphenyl-d14	19.48	244	17204	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1401	0.199	ng	#	41
3) n-Nitrosodimethylamine	3.33	42	907	0.192	ng	#	74
6) bis(2-Chloroethyl)ether	6.85	93	3732	0.254	ng		99
9) Naphthalene	10.22	128	13740	0.265	ng		98
10) Hexachlorobutadiene	10.52	225	3050	0.267	ng	#	99
12) 2-Methylnaphthalene	11.85	142	9637	0.269	ng		98
16) Acenaphthylene	13.77	152	15501	0.299	ng		99
17) Acenaphthene	14.12	154	8691	0.263	ng		99
18) Fluorene	15.12	166	12067	0.280	ng		99
20) 4-Bromophenyl-phenylether	16.02	248	3728	0.293	ng		97
21) Hexachlorobenzene	16.12	284	3924	0.267	ng		98
22) Pentachlorophenol	16.48	266	3795	0.643	ng		98
23) Phenanthrene	16.85	178	20679	0.297	ng		99
24) Anthracene	16.94	178	19235	0.307	ng		99
26) Fluoranthene	18.88	202	31360	0.372	ng		99
28) Pyrene	19.25	202	30902	0.329	ng		98
30) Benzo(a)anthracene	21.02	228	27589	0.295	ng		94
31) Chrysene	21.07	228	27121	0.285	ng		97
32) Bis(2-ethylhexyl)phthalate	20.98	149	19111	0.512	ng		98
33) Indeno(1,2,3-cd)pyrene	25.22	276	32938	0.287	ng		99
35) Benzo(b)fluoranthene	22.52	252	27786	0.257	ng	#	89
36) Benzo(k)fluoranthene	22.56	252	27623	0.261	ng	#	89
37) Benzo(a)pyrene	23.05	252	28647	0.294	ng	#	88
38) Dibenzo(a,h)anthracene	25.23	278	26810	0.262	ng	#	90
39) Benzo(g,h,i)perylene	25.84	276	28275	0.273	ng		94

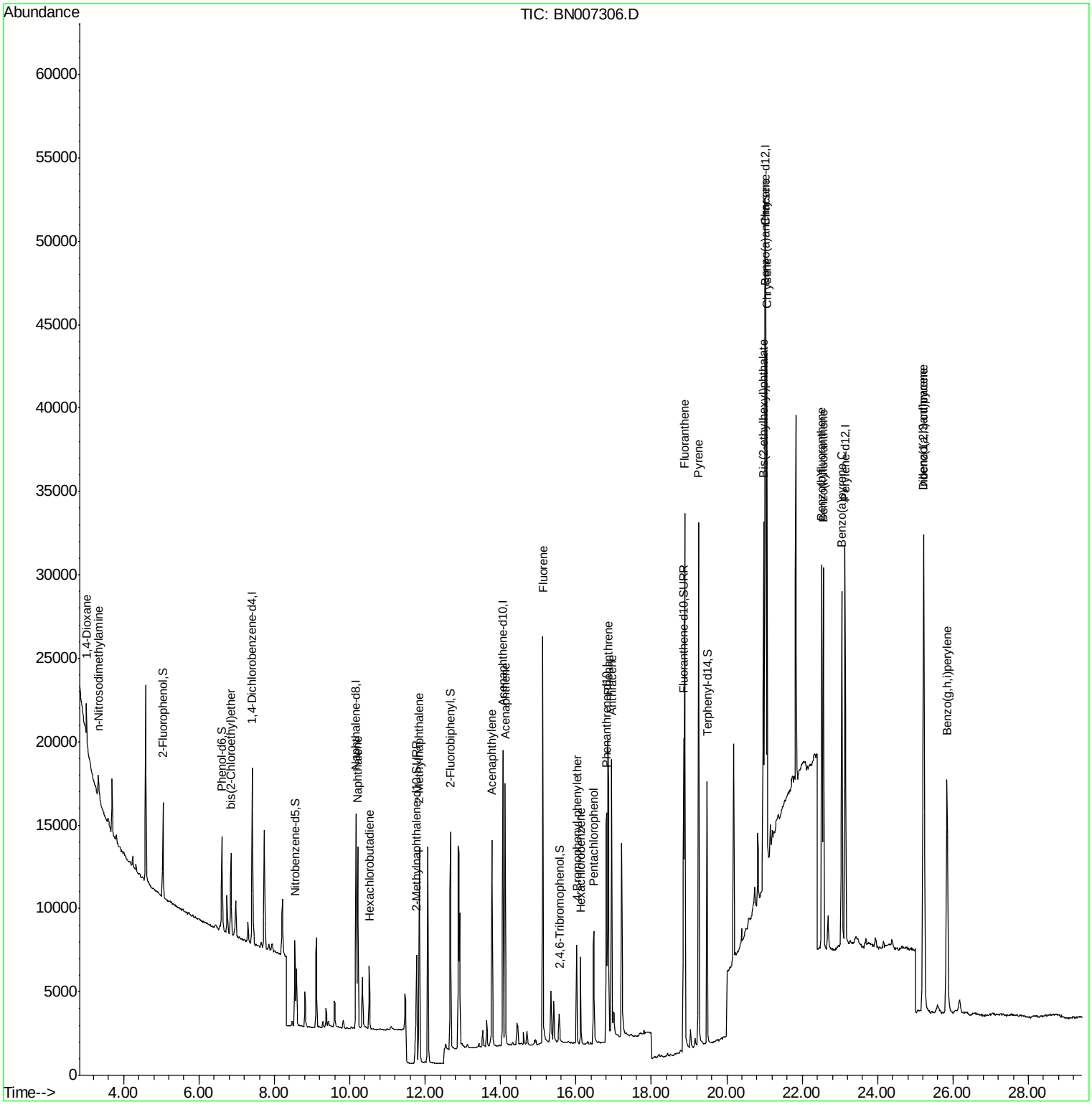
(#) = qualifier out of range (m) = manual integration (+) = signals summed

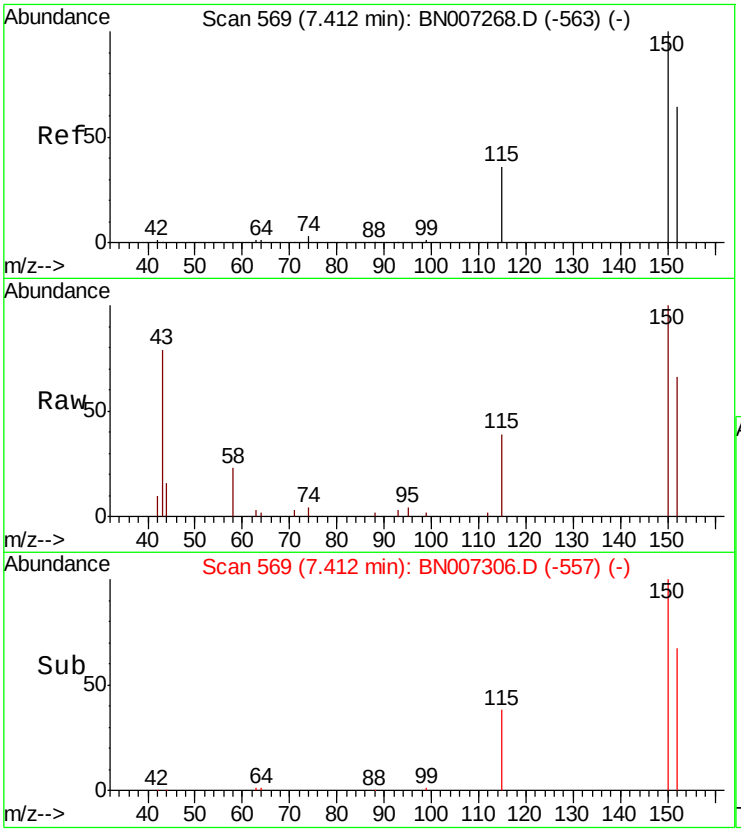
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007306.D
Acq On : 22 Aug 2019 00:47
Operator : HP/JU
Sample : PB122438BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 22 05:02:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



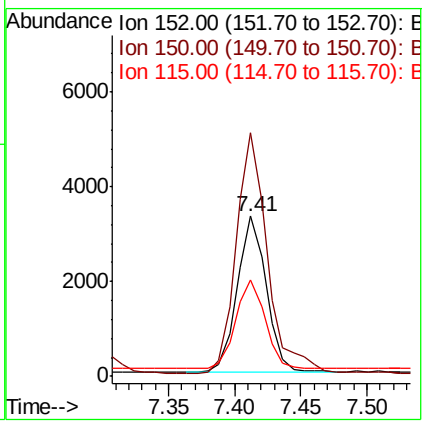


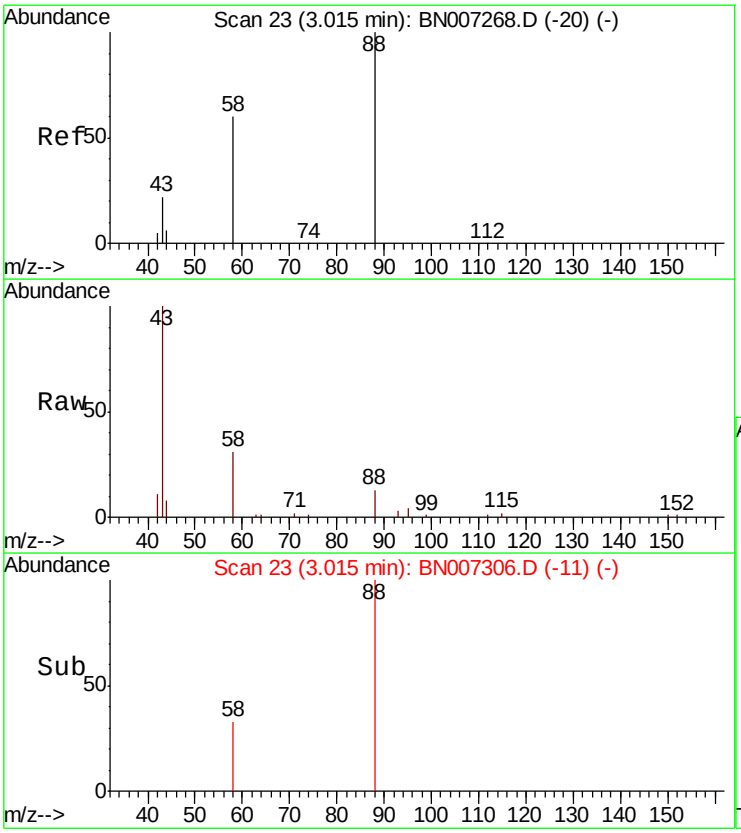
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4971

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.8
115	60.0	47.3	70.9

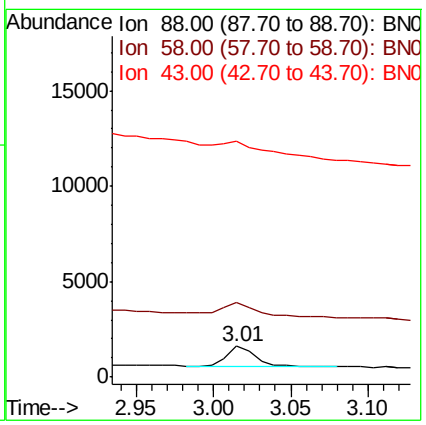


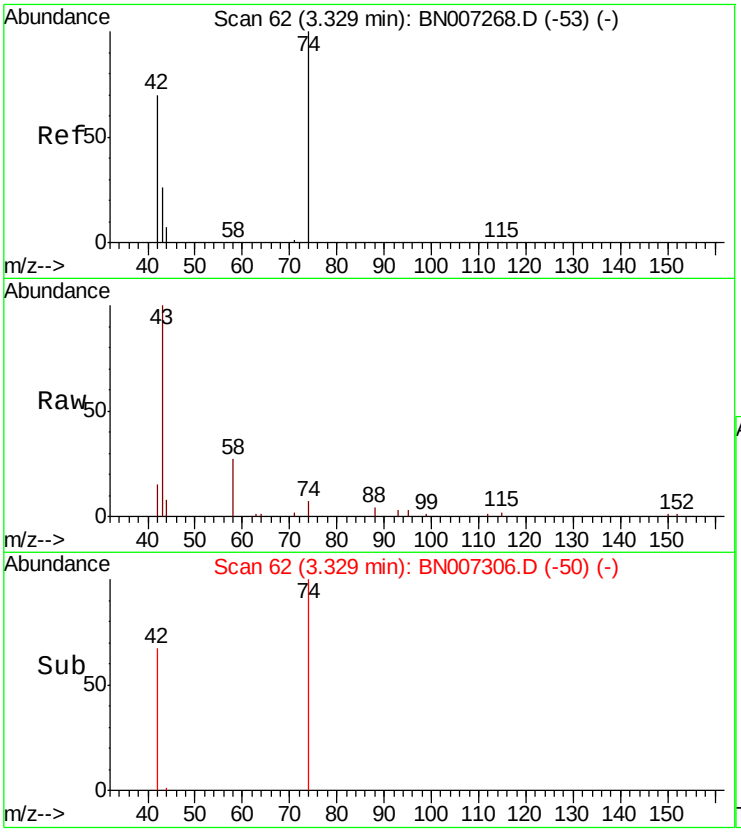


#2
1,4-Dioxane
Concen: 0.199 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion: 88 Resp: 1401

Ion	Ratio	Lower	Upper
88	100		
58	103.5	45.5	68.3#
43	0.0	20.4	30.6#



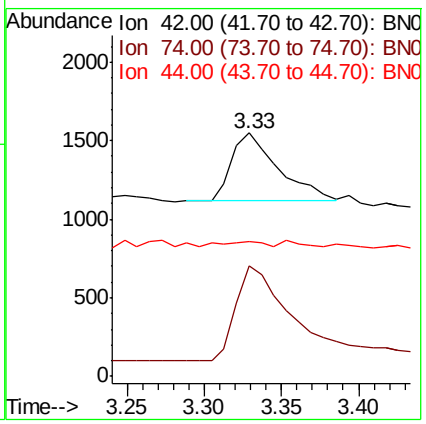


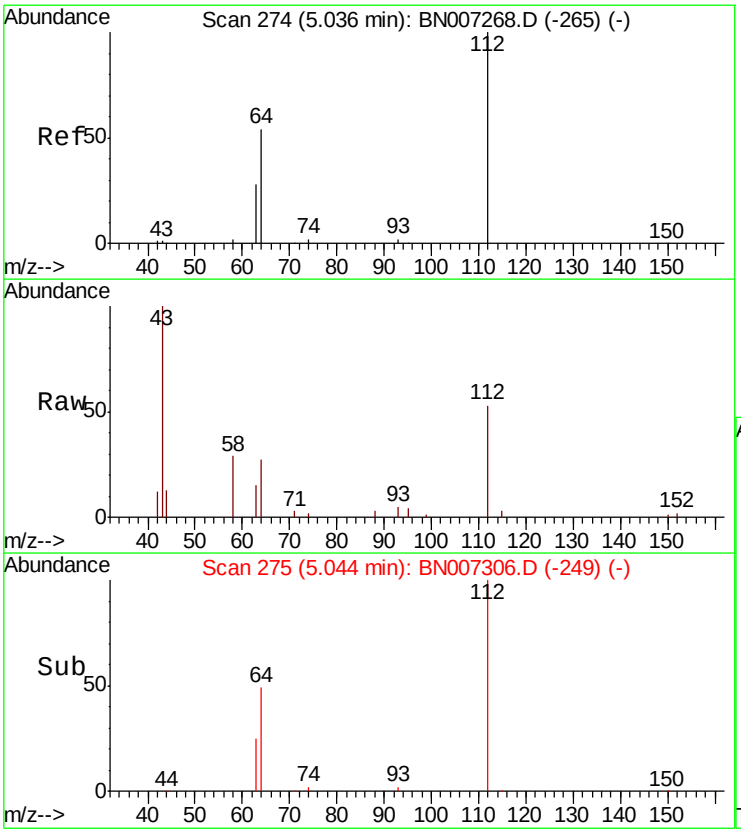
#3
n-Nitrosodimethylamine
Concen: 0.192 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 907

Ion	Ratio	Lower	Upper
42	100		
74	168.7	109.0	163.4#
44	7.6	4.2	6.2#

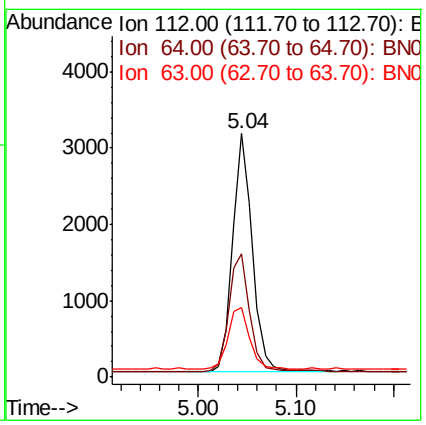


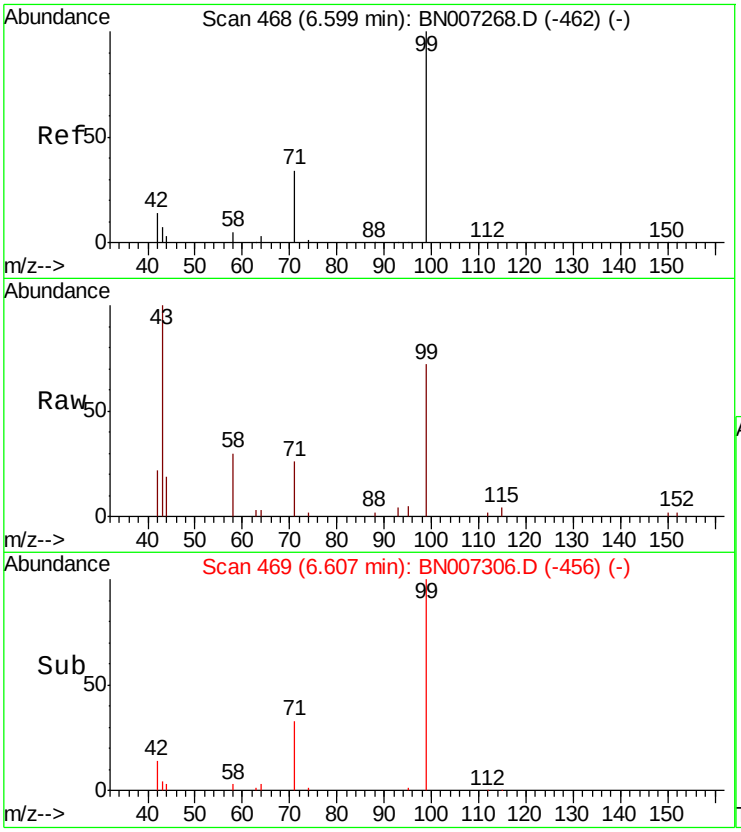


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:112 Resp: 4427

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	27.9	22.6	34.0



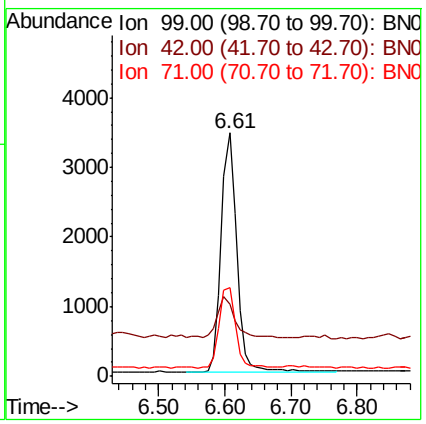


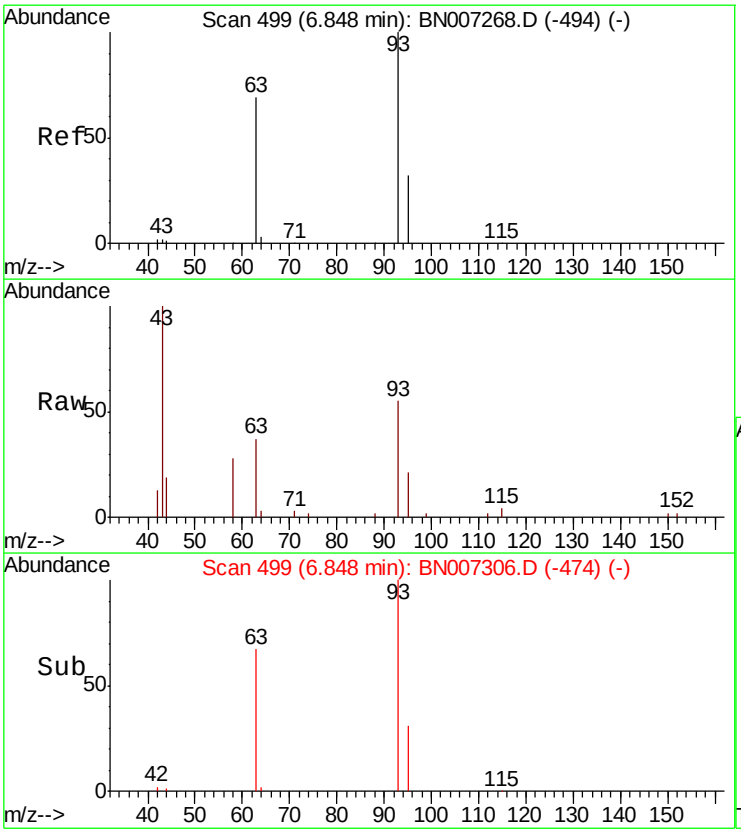
#5
Phenol-d6
Concen: 0.312 ng
RT: 6.61 min Scan# 469
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5500

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.3	21.5
71	35.3	27.3	40.9

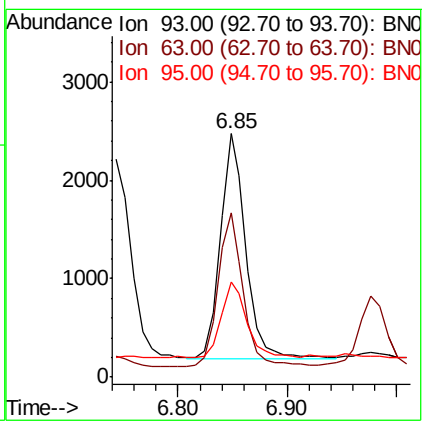


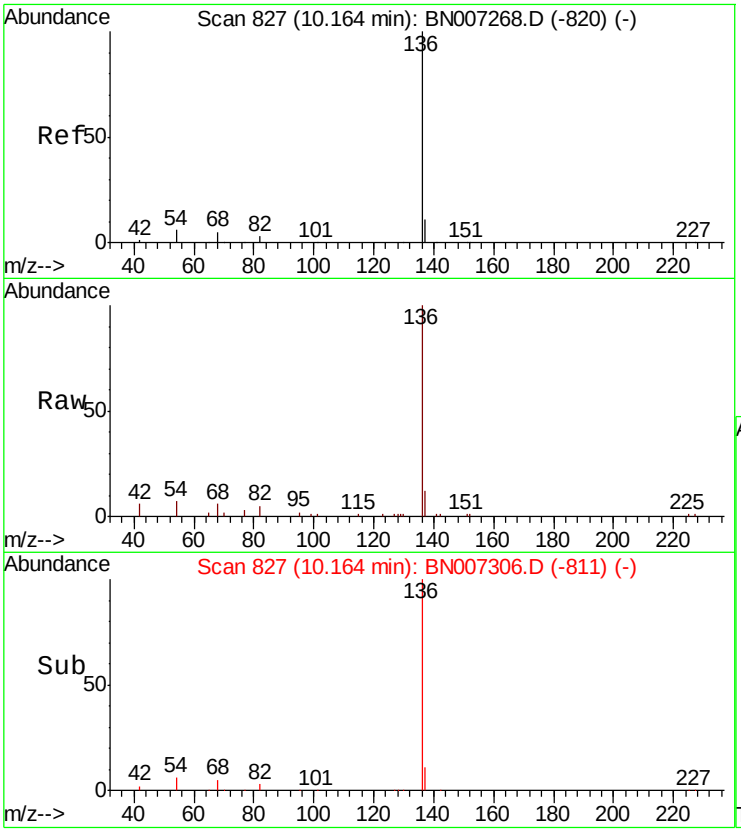


#6
bis(2-Chloroethyl)ether
Concen: 0.254 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion: 93 Resp: 3732

Ion	Ratio	Lower	Upper
93	100		
63	67.9	54.4	81.6
95	32.8	25.5	38.3



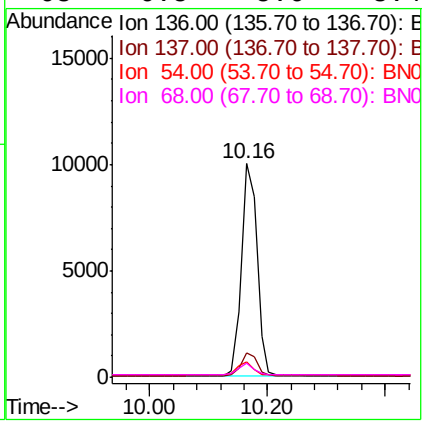


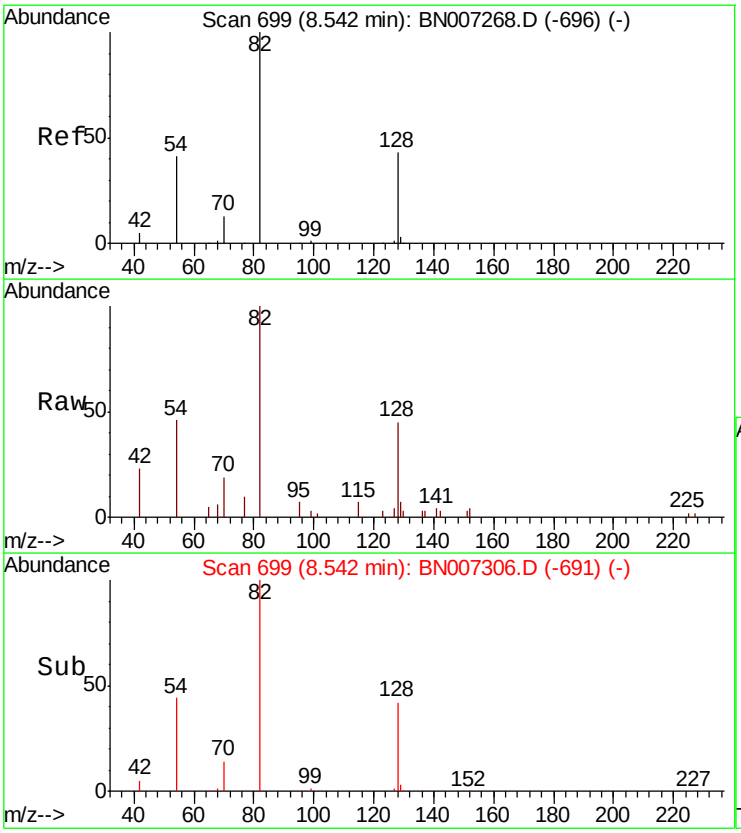
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18280

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	5.9	8.9
68	6.5	5.6	8.4

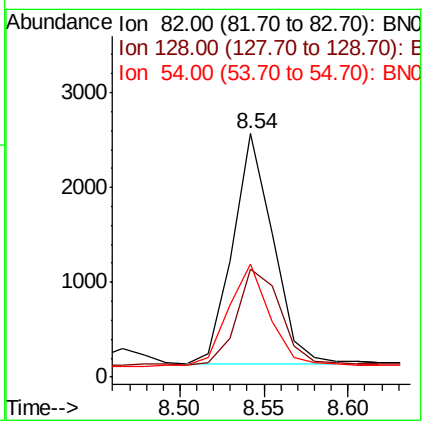


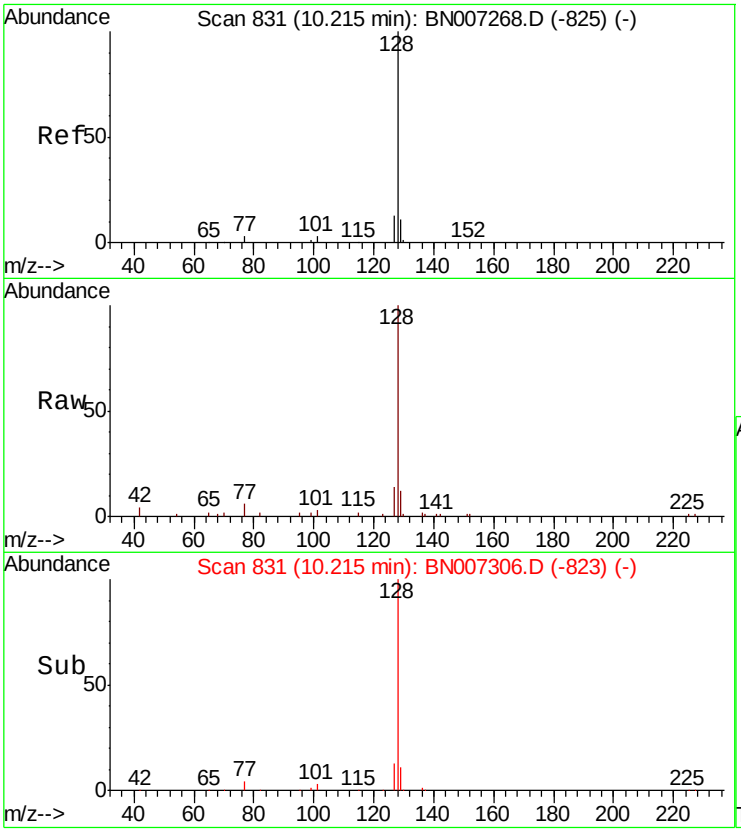


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion: 82 Resp: 4073

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	46.3	34.7	52.1



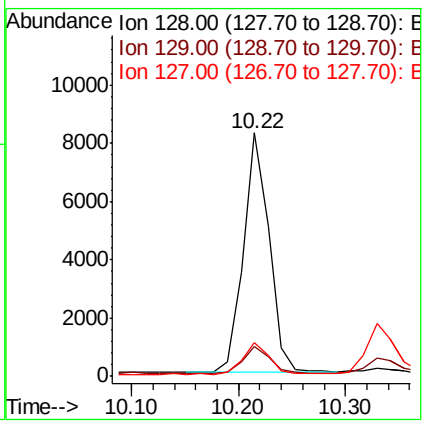


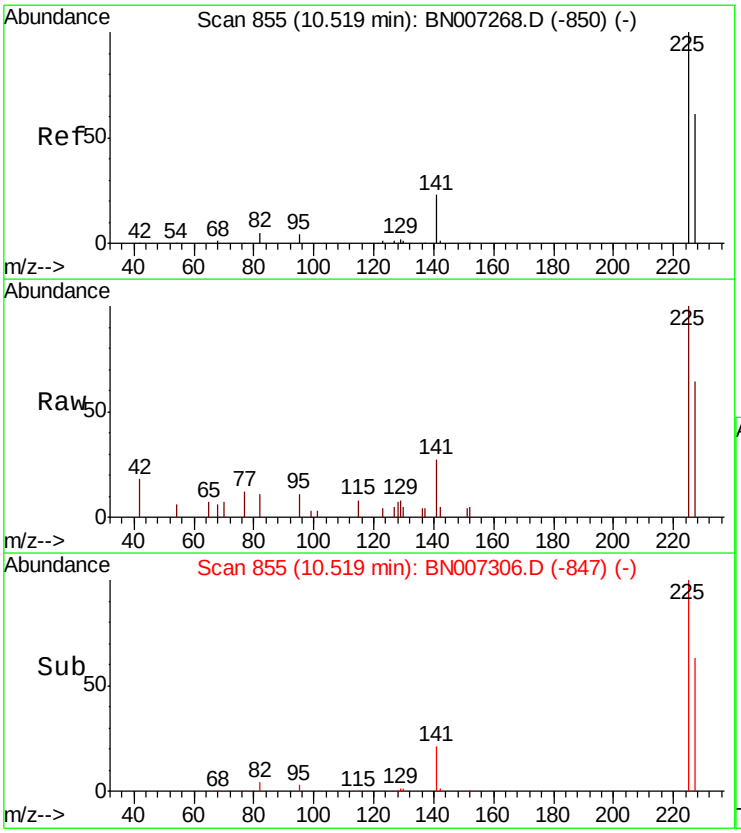
#9
Naphthalene
Concen: 0.265 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13740

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.9	10.6	16.0

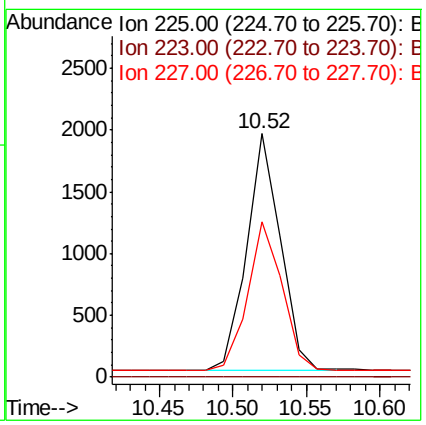


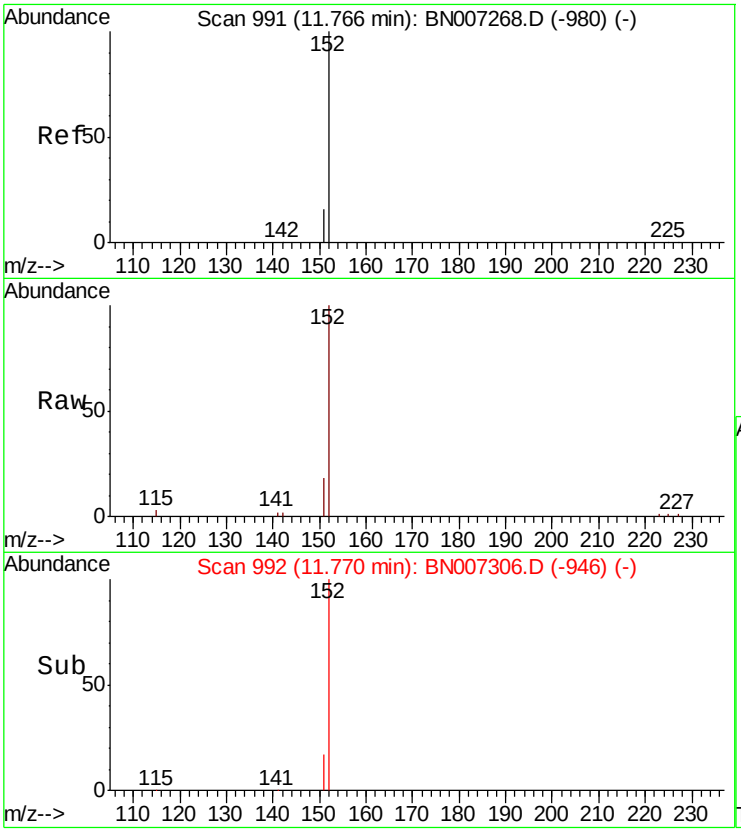


#10
Hexachlorobutadiene
Concen: 0.267 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:225 Resp: 3050

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.2	75.2



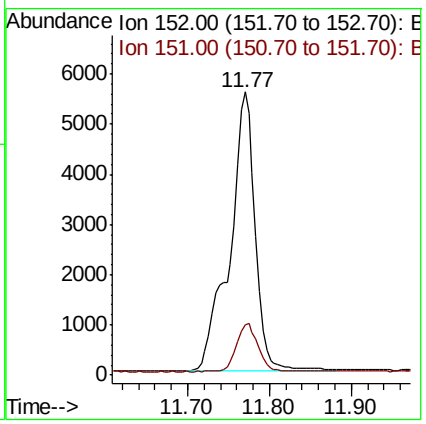


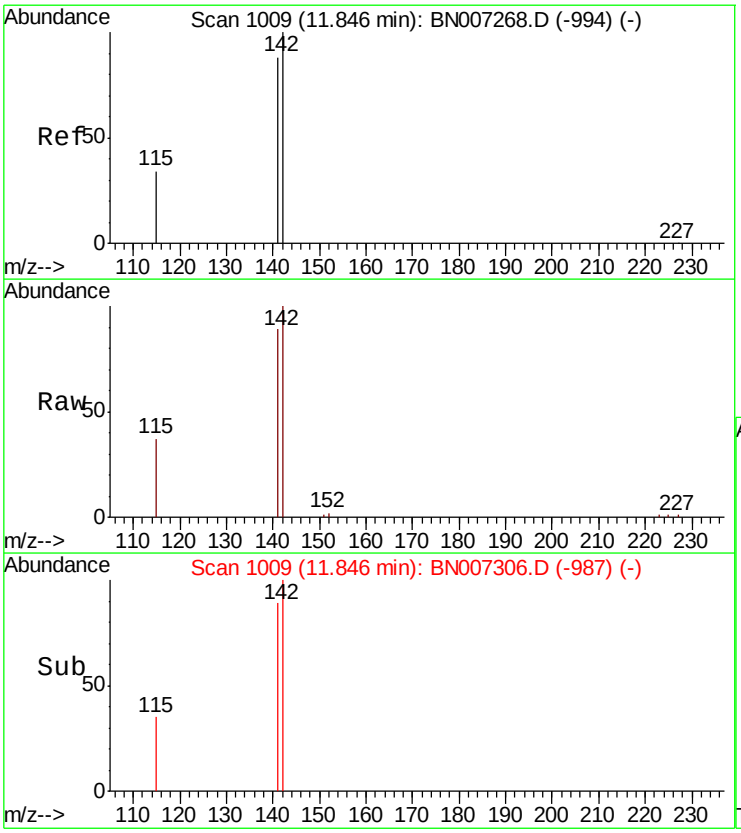
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11956

Ion	Ratio	Lower	Upper
152	100		
151	14.8	15.2	22.8#

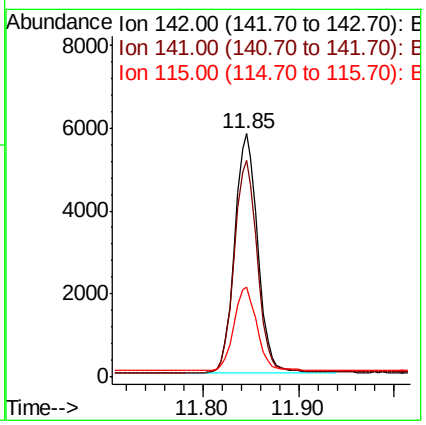


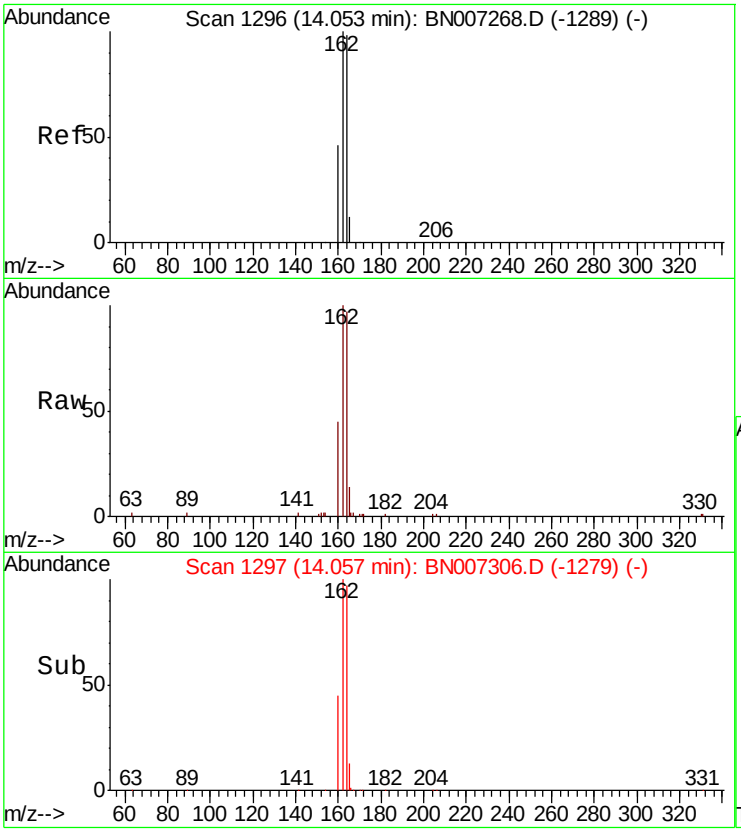


#12
2-Methylnaphthalene
Concen: 0.269 ng
RT: 11.85 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:142 Resp: 9637

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.7	106.1
115	37.2	28.1	42.1



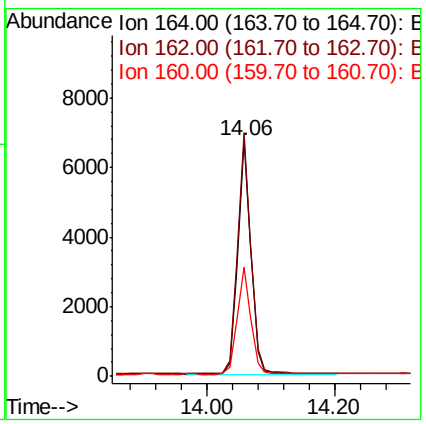


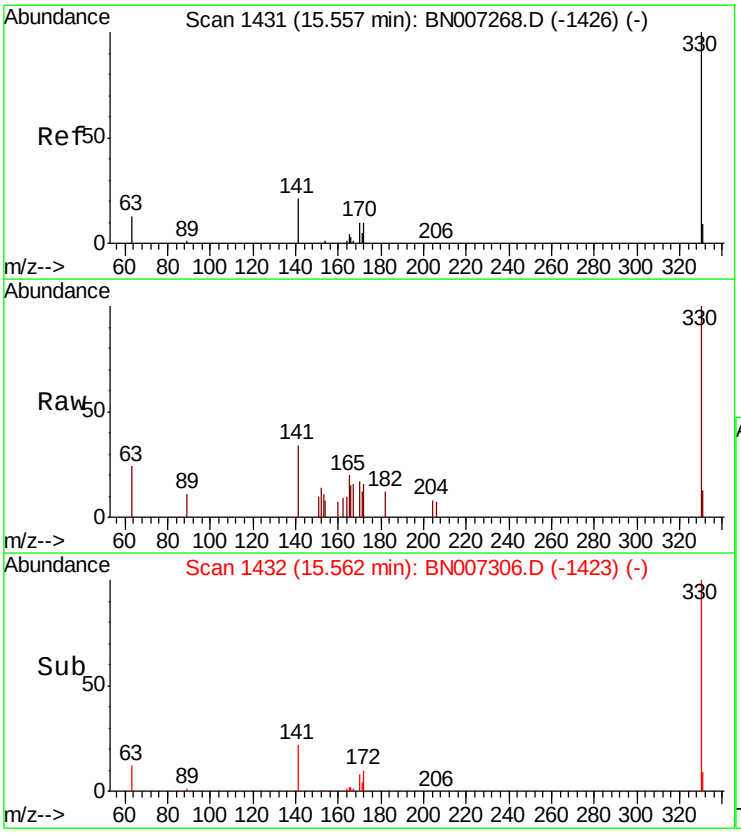
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9762

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.0	123.0
160	46.6	38.2	57.4

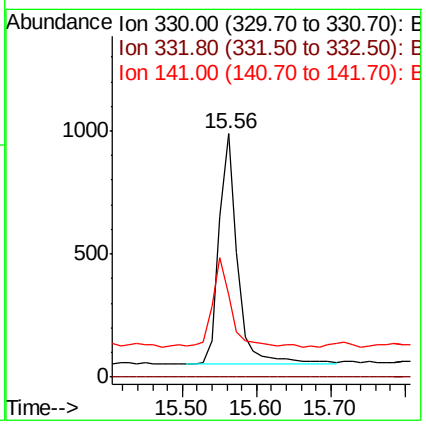


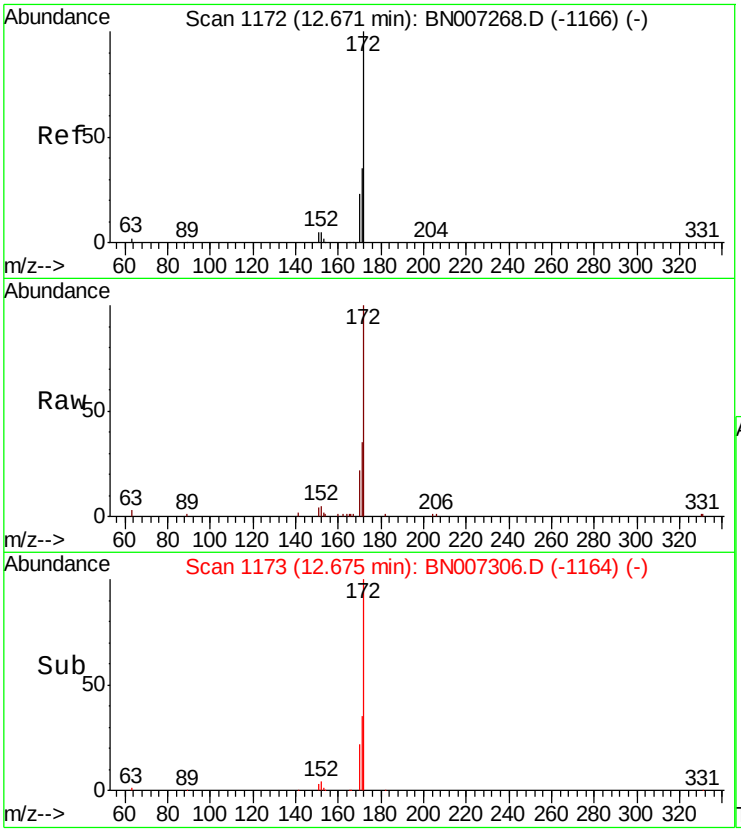


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:330 Resp: 1619

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.9	30.3	45.5



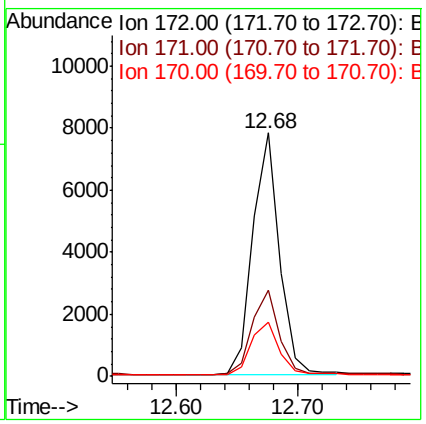


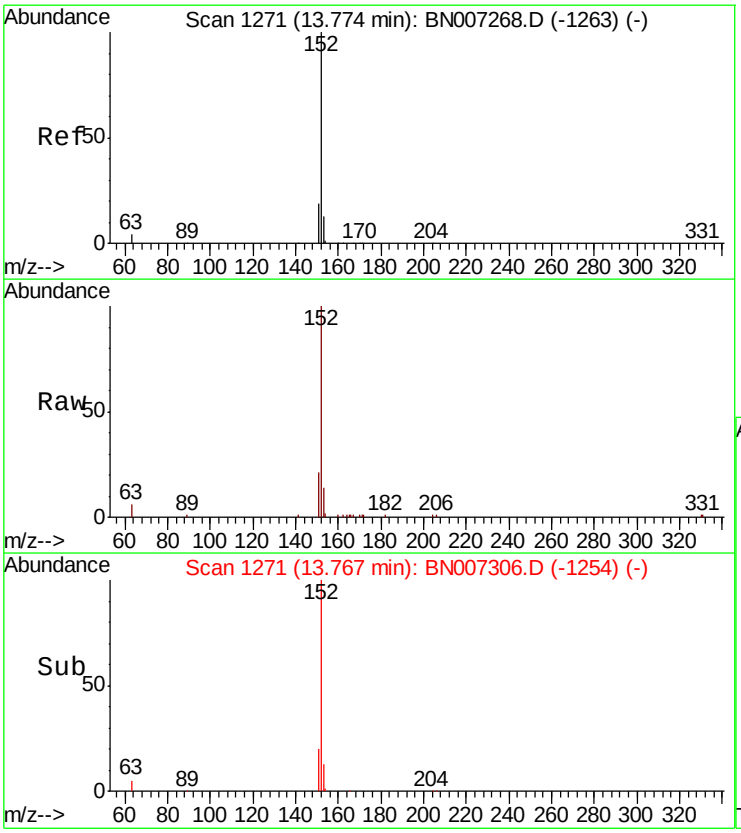
#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 11981

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.4	18.7	28.1

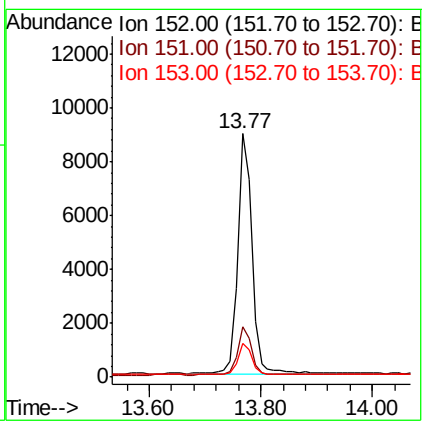


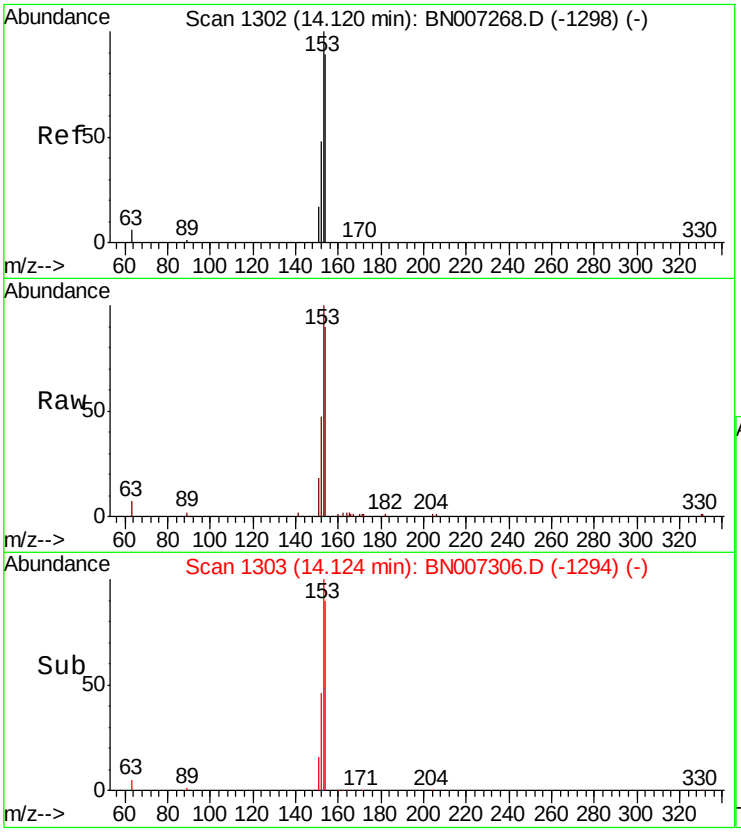


#16
Acenaphthylene
Concen: 0.299 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:152 Resp: 15501

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.2	10.1	15.1



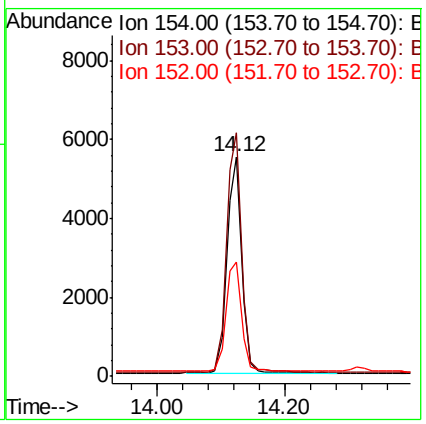


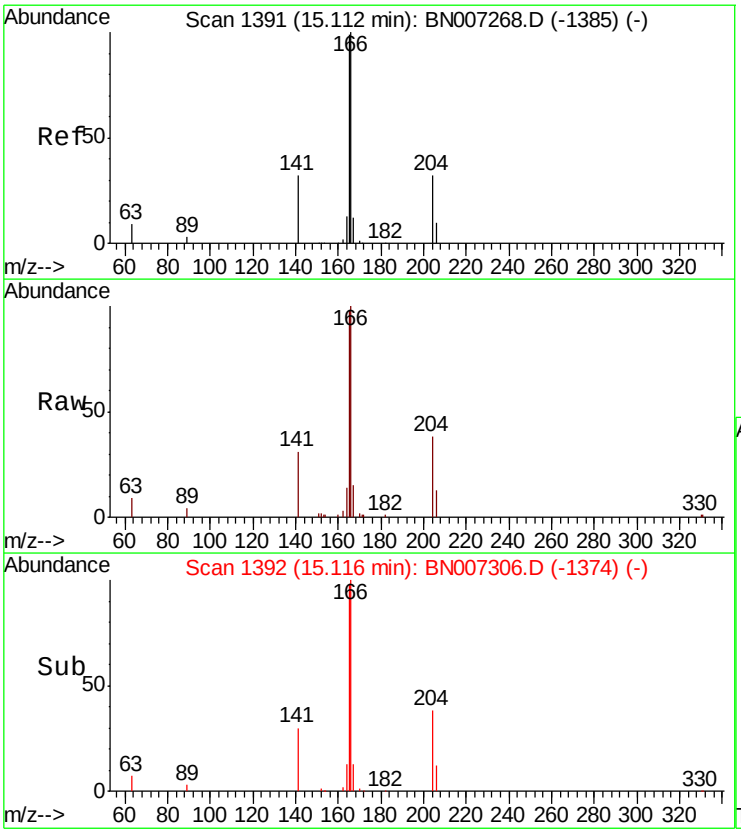
#17
Acenaphthene
Concen: 0.263 ng
RT: 14.12 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8691

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.9	134.9
152	54.1	43.9	65.9

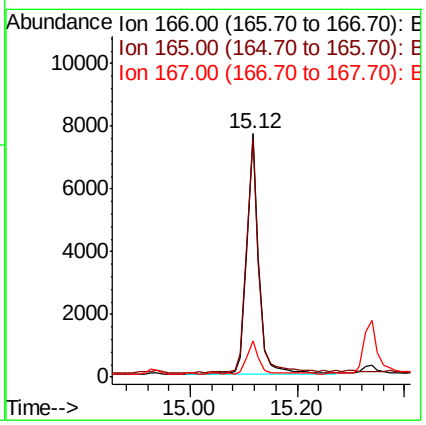


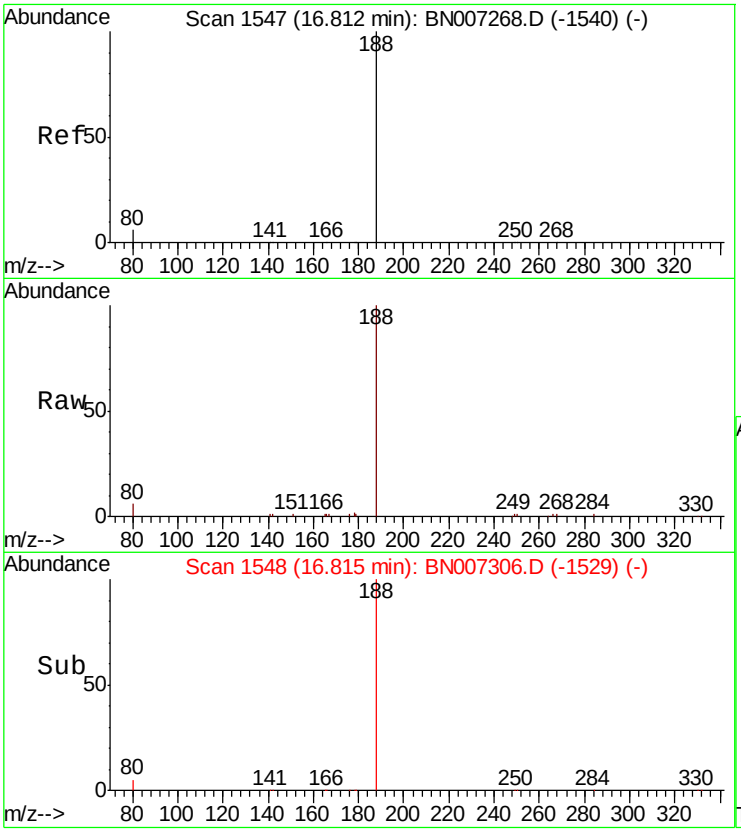


#18
Fluorene
Concen: 0.280 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:166 Resp: 12067

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.3	117.5
167	12.8	11.1	16.7



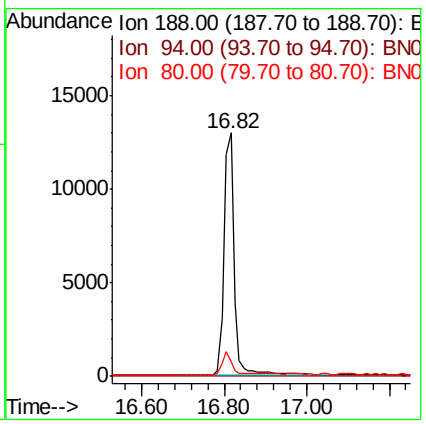


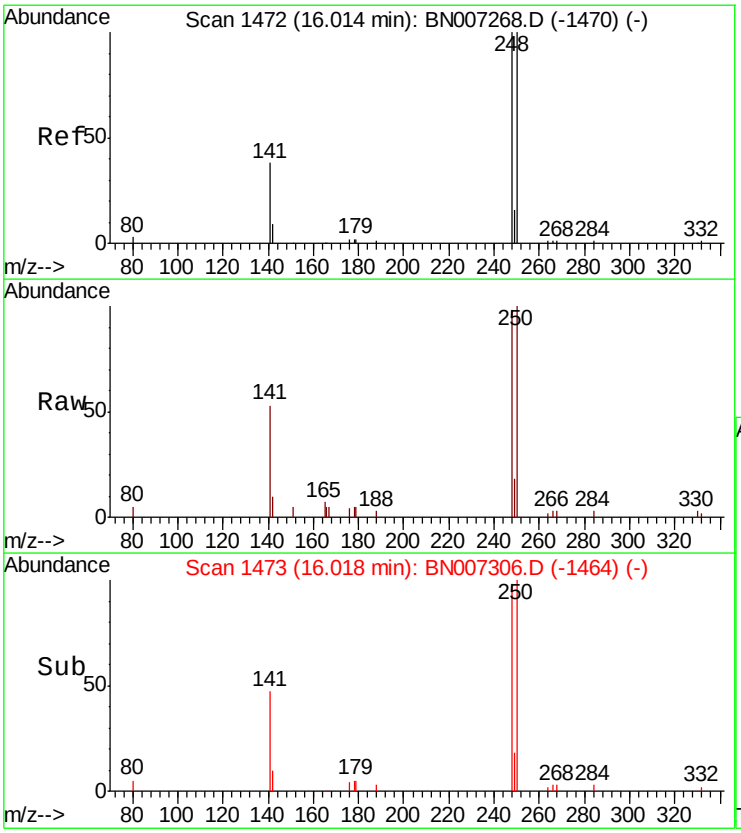
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 22178

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	5.2	7.8

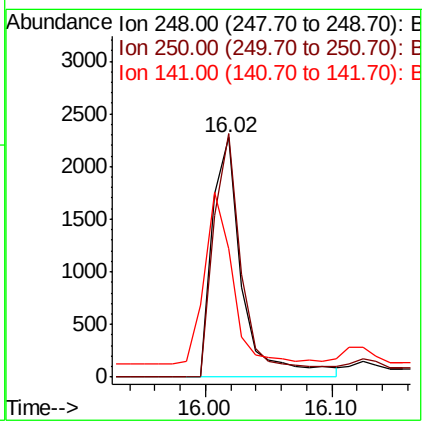


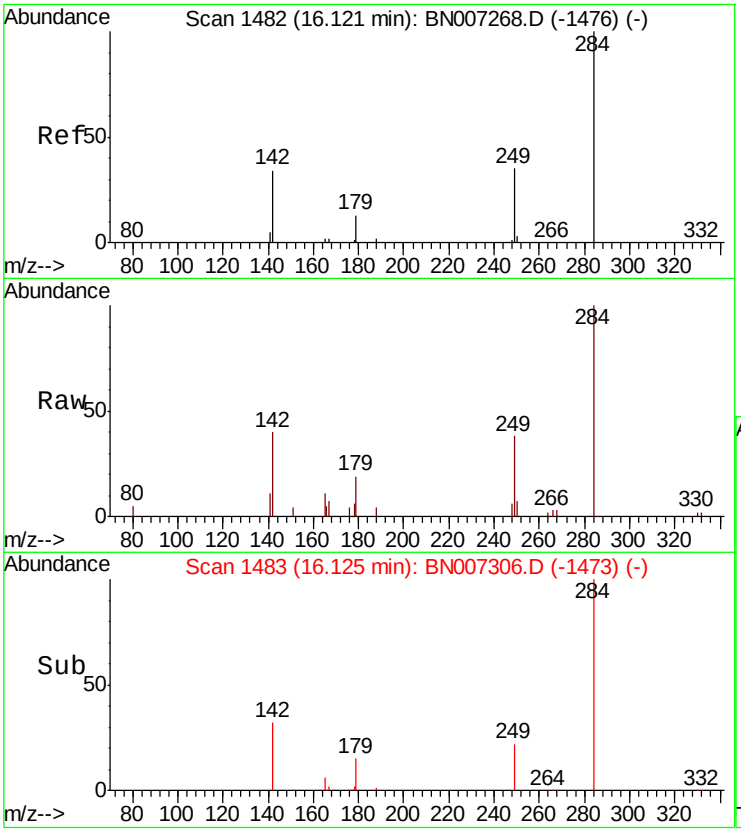


#20
4-Bromophenyl-phenylether
Concen: 0.293 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:248 Resp: 3728

Ion	Ratio	Lower	Upper
248	100		
250	101.7	79.6	119.4
141	53.8	45.1	67.7



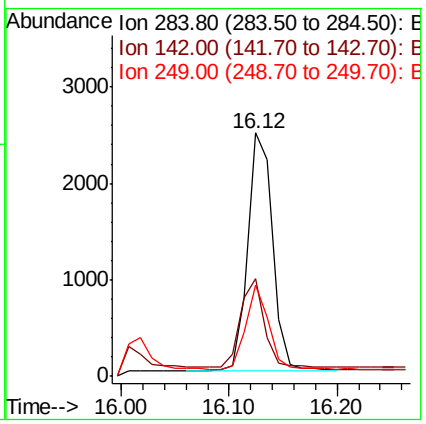


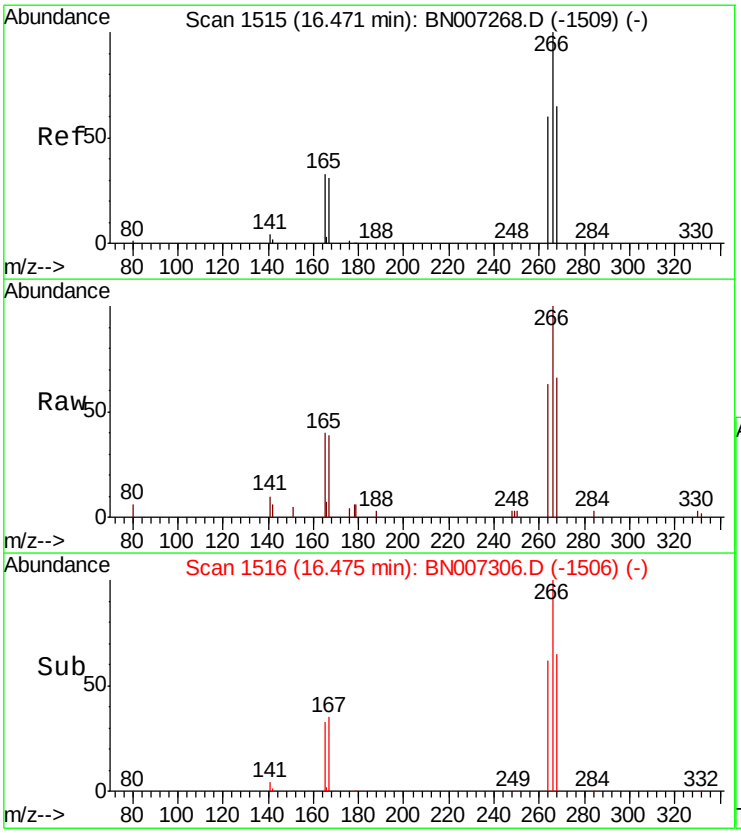
#21
Hexachlorobenzene
Concen: 0.267 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3924

Ion	Ratio	Lower	Upper
284	100		
142	35.4	29.5	44.3
249	32.1	26.2	39.4

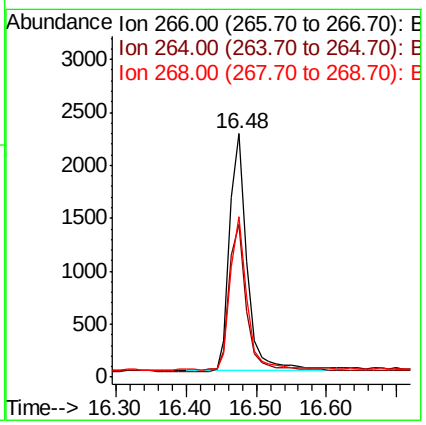


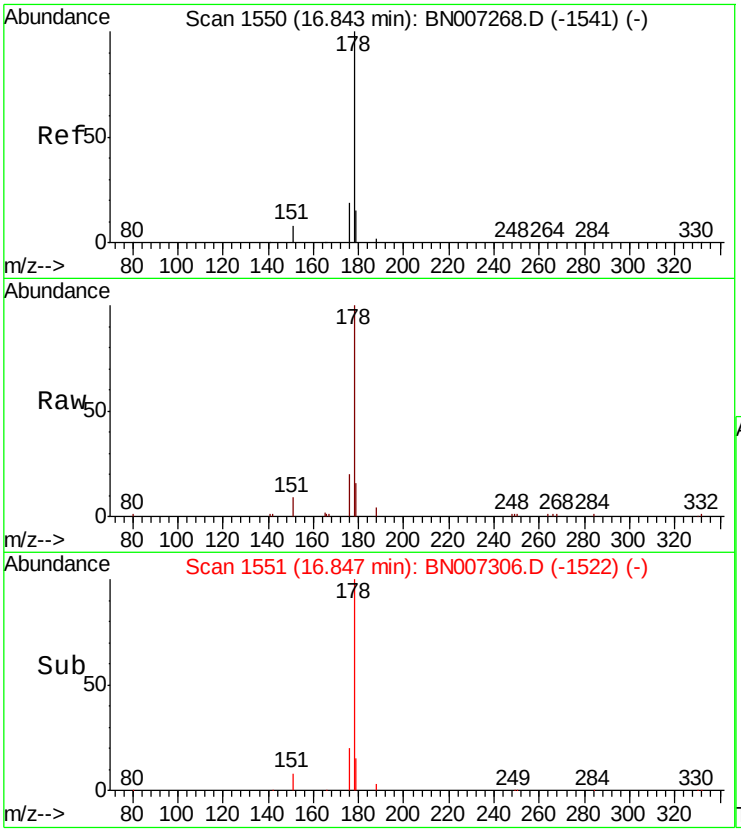


#22
Pentachlorophenol
Concen: 0.643 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:266 Resp: 3795

Ion	Ratio	Lower	Upper
266	100		
264	62.9	48.7	73.1
268	65.8	53.5	80.3



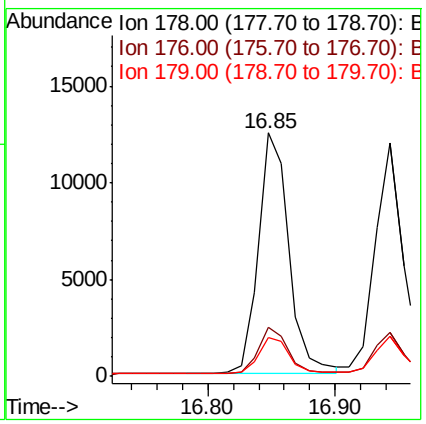


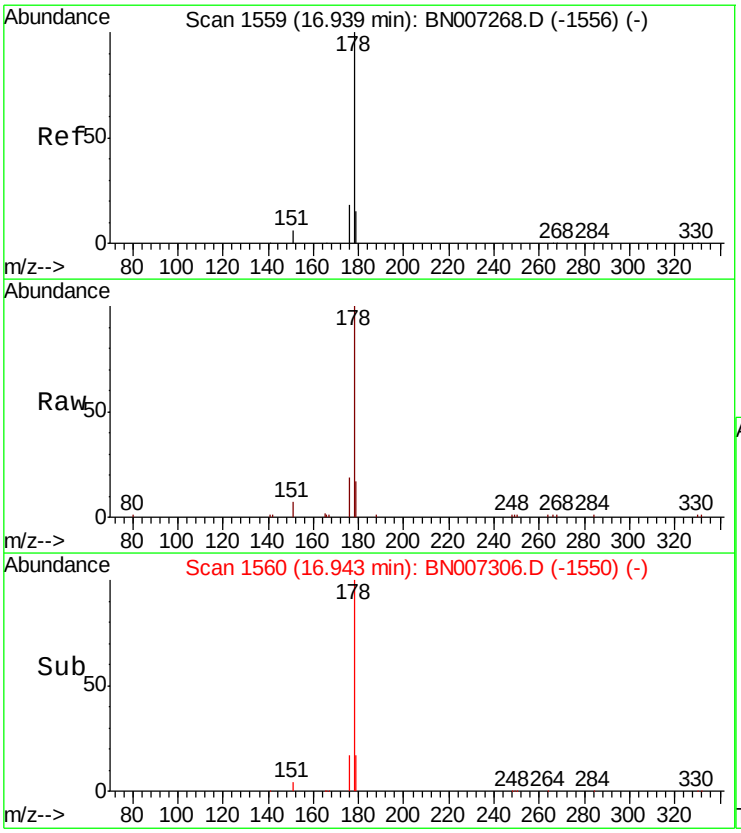
#23
Phenanthrene
Concen: 0.297 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20679

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	15.7	12.3	18.5

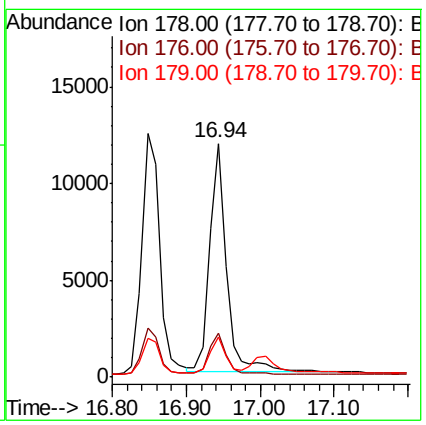


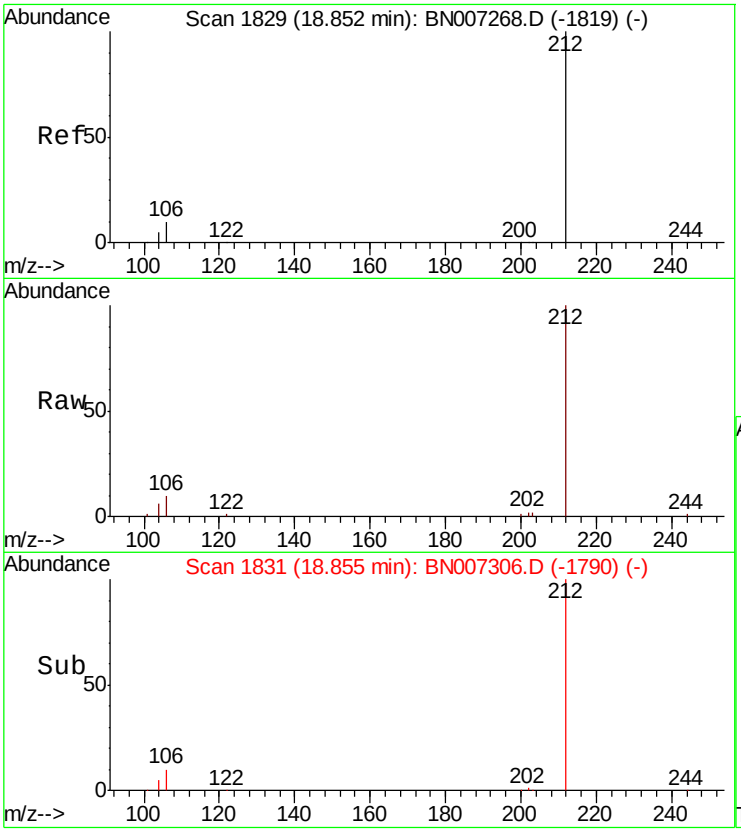


#24
Anthracene
Concen: 0.307 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:178 Resp: 19235

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	14.4	12.3	18.5



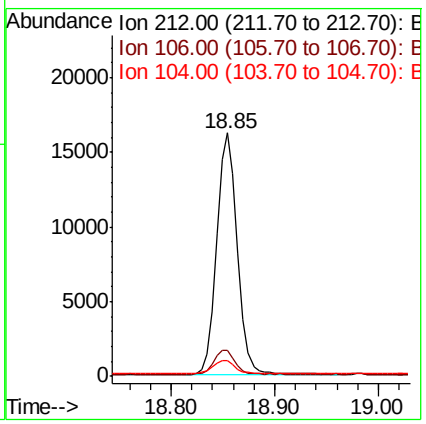


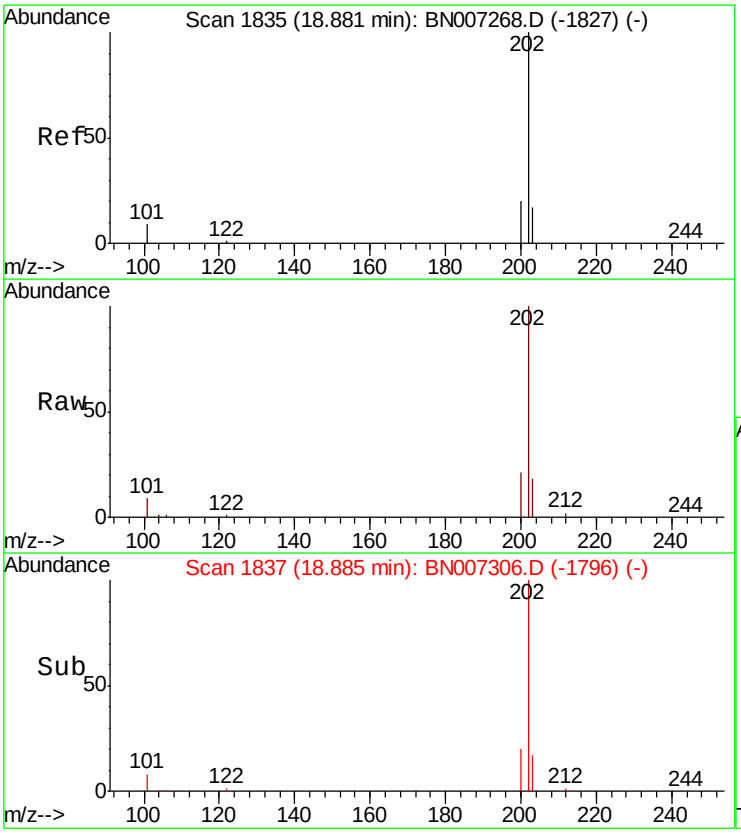
#25
Fluoranthene-d10
Concen: 0.315 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 22131

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.4
104	5.7	4.7	7.1

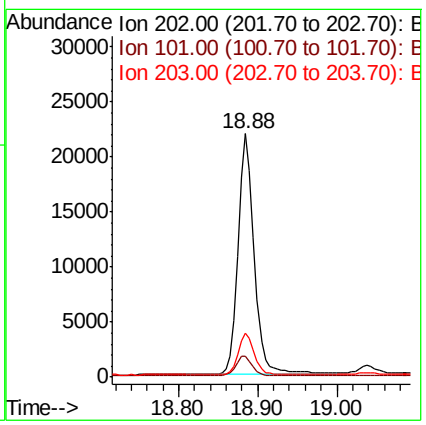


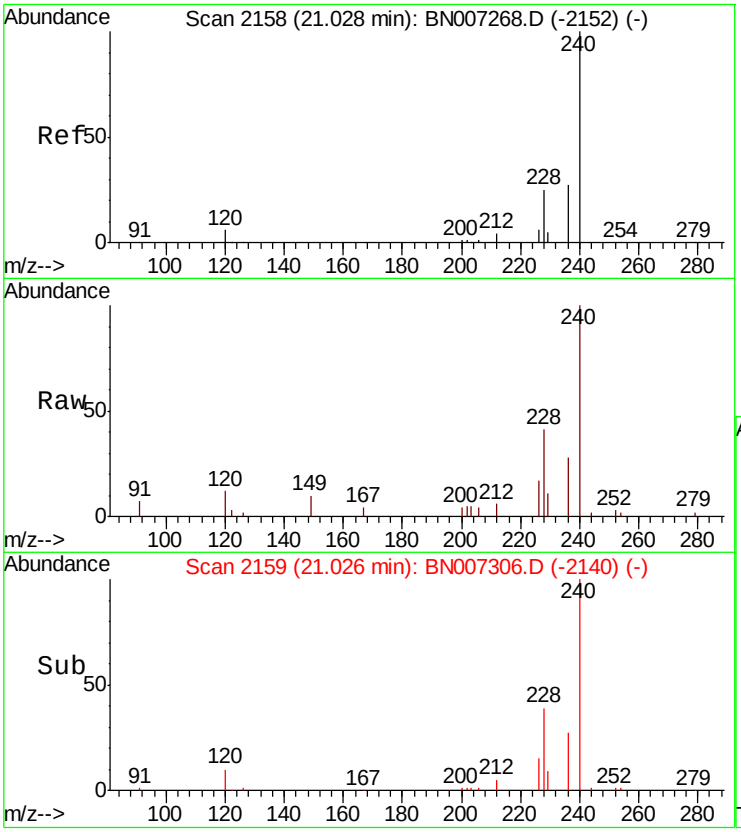


#26
Fluoranthene
Concen: 0.372 ng
RT: 18.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:202 Resp: 31360

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.2	10.8
203	16.8	13.8	20.6



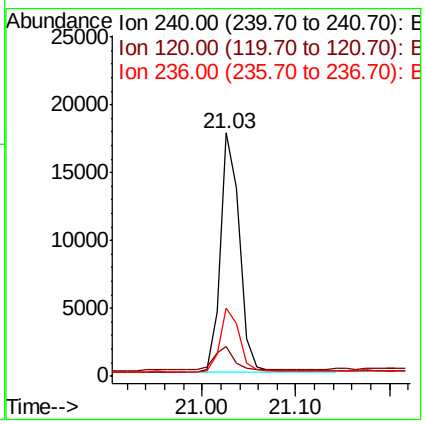


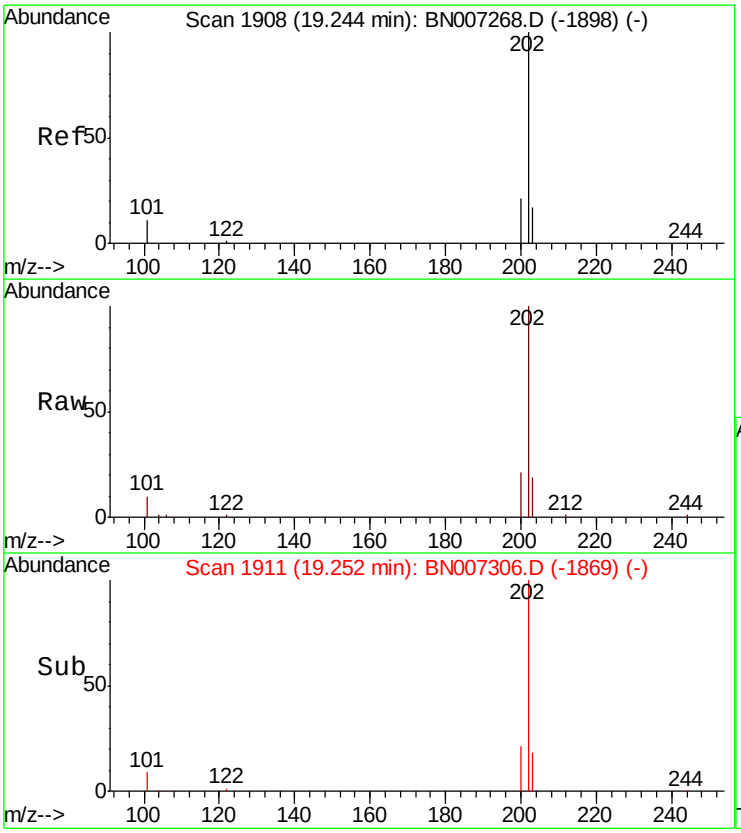
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25111

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.6	8.4#
236	28.2	21.6	32.4

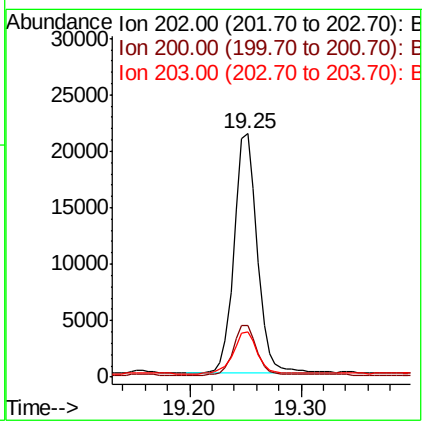


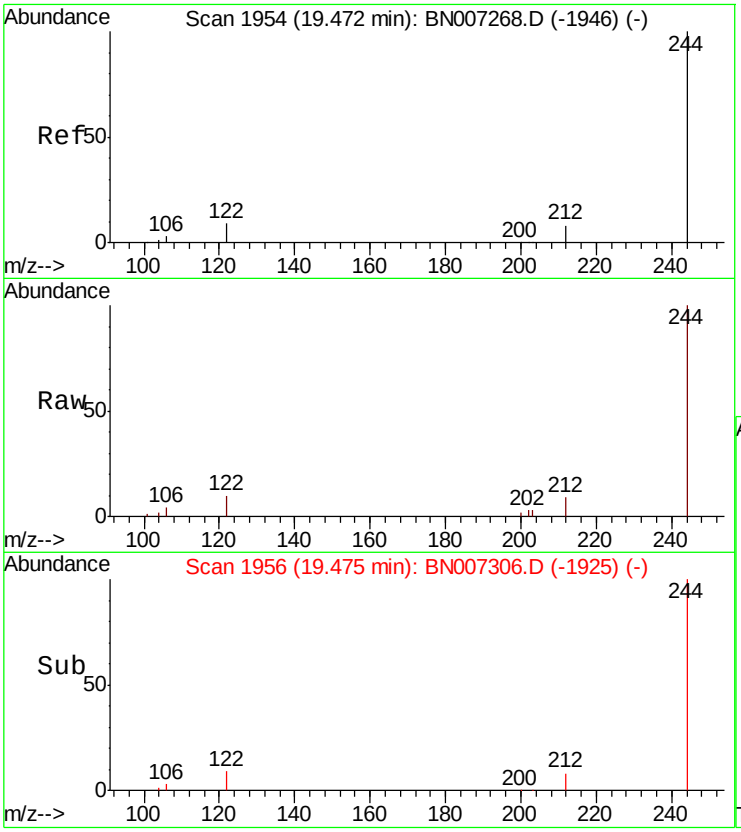


#28
Pyrene
Concen: 0.329 ng
RT: 19.25 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:202 Resp: 30902

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.7	13.9	20.9



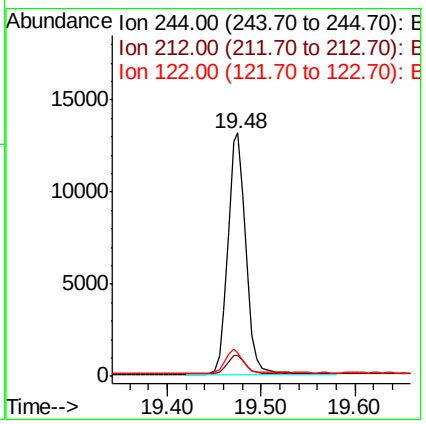


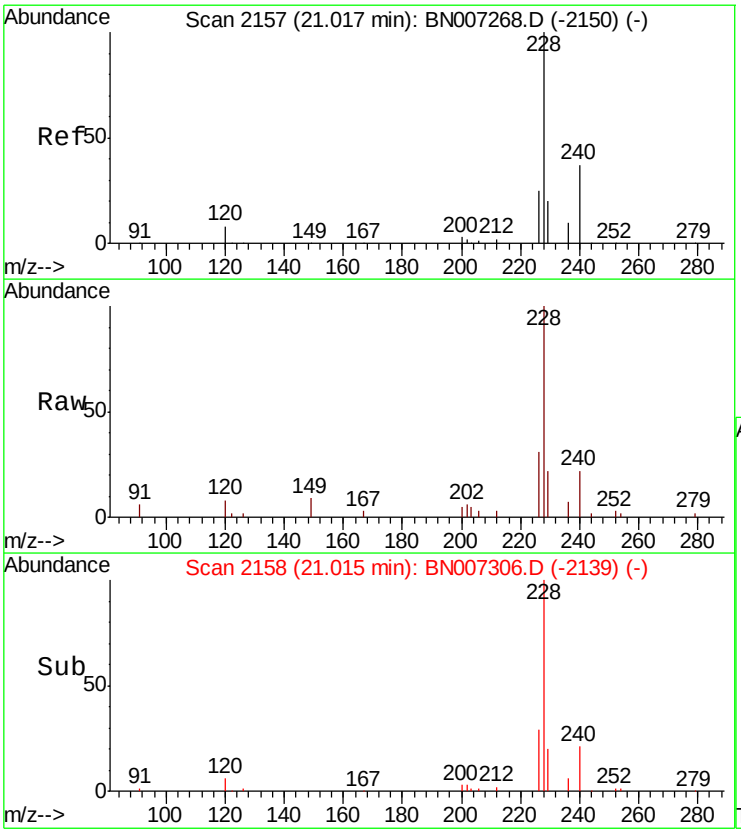
#29
Terphenyl-d14
Concen: 0.274 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17204

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	9.8	7.9	11.9

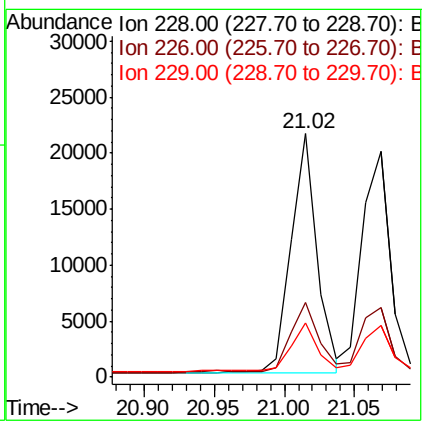


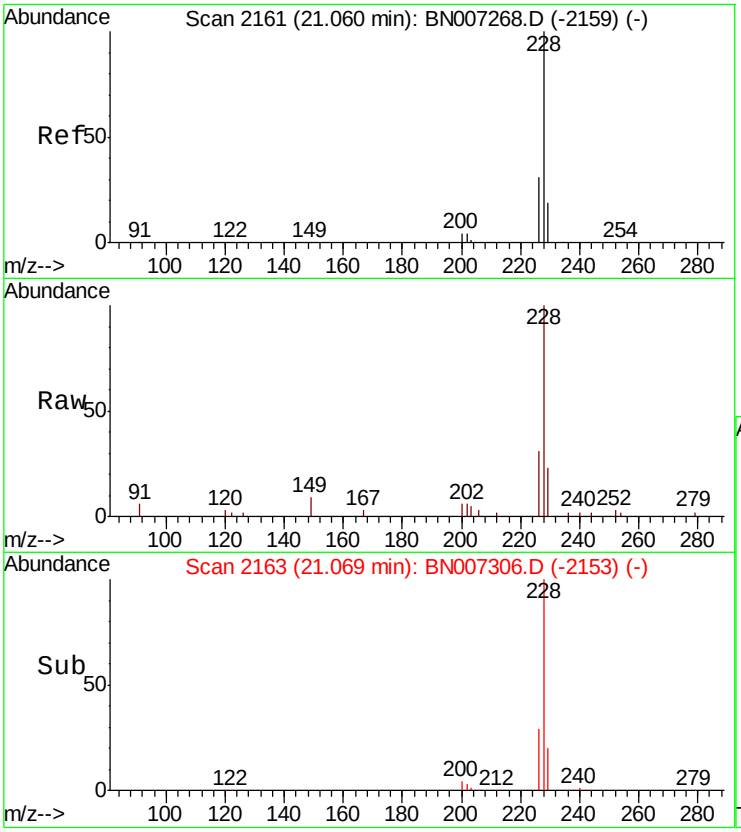


#30
Benzo(a)anthracene
Concen: 0.295 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:228 Resp: 27589

Ion	Ratio	Lower	Upper
228	100		
226	30.5	20.6	30.8
229	22.0	16.9	25.3



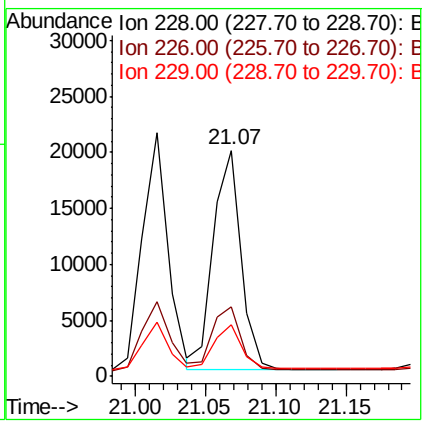


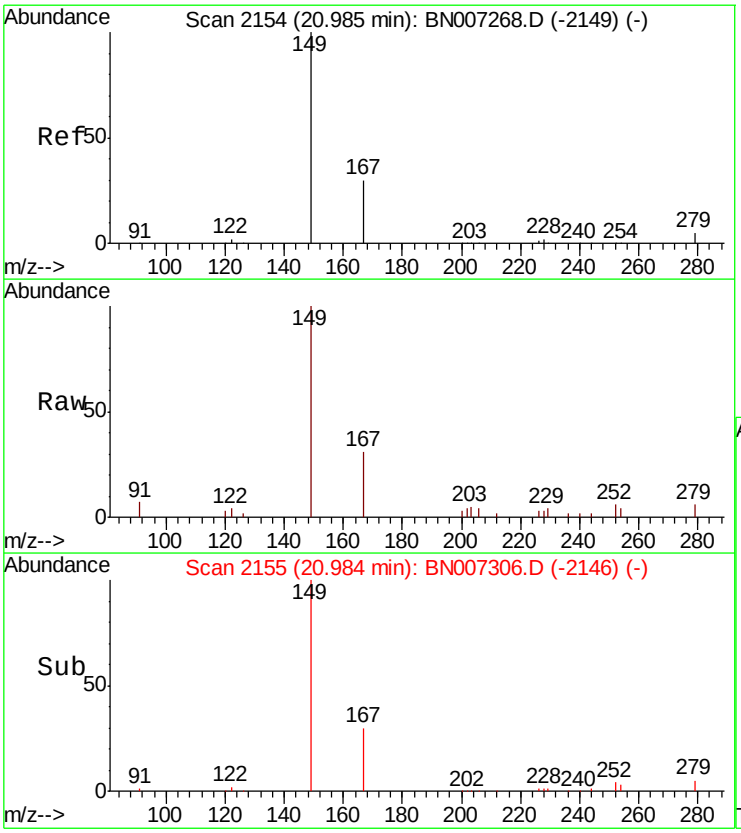
#31
Chrysene
Concen: 0.285 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 27121

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	22.6	15.6	23.4

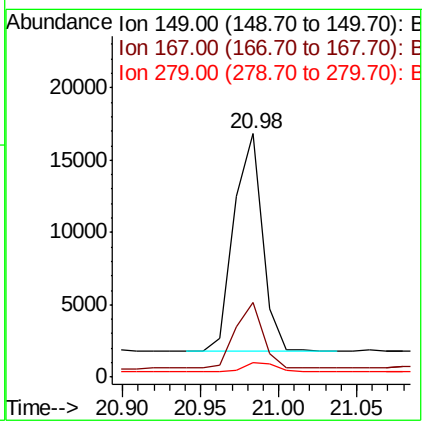


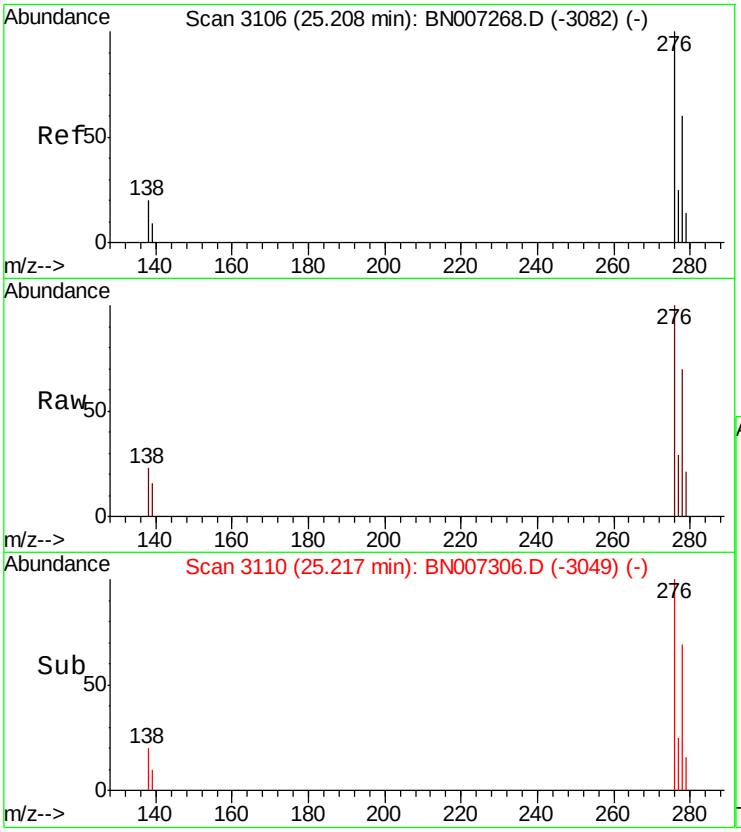


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.512 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:149 Resp: 19111

Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.8	35.6
279	4.9	3.8	5.8



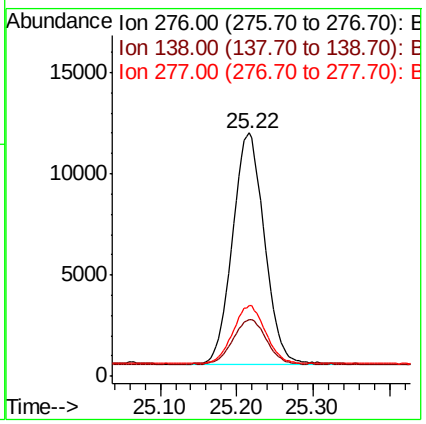


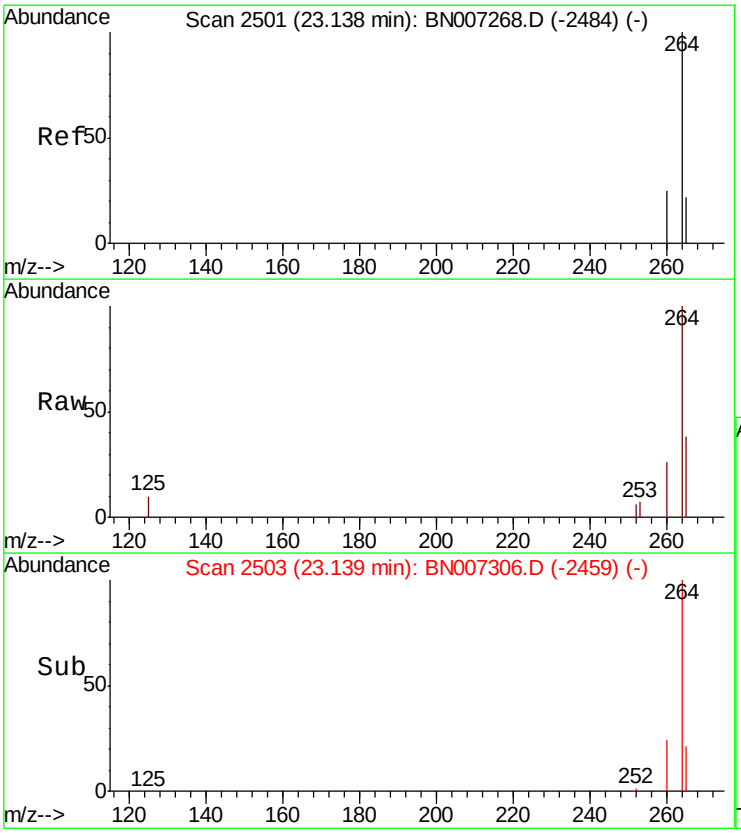
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng
RT: 25.22 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 32938

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.1	25.7
277	25.0	20.1	30.1

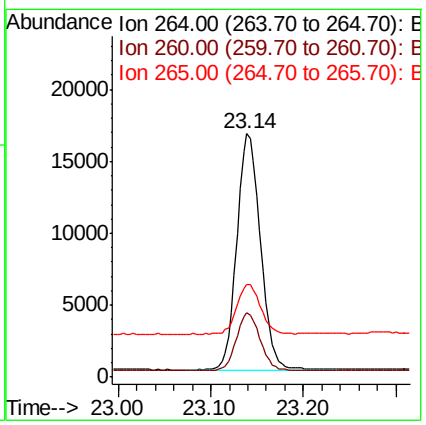


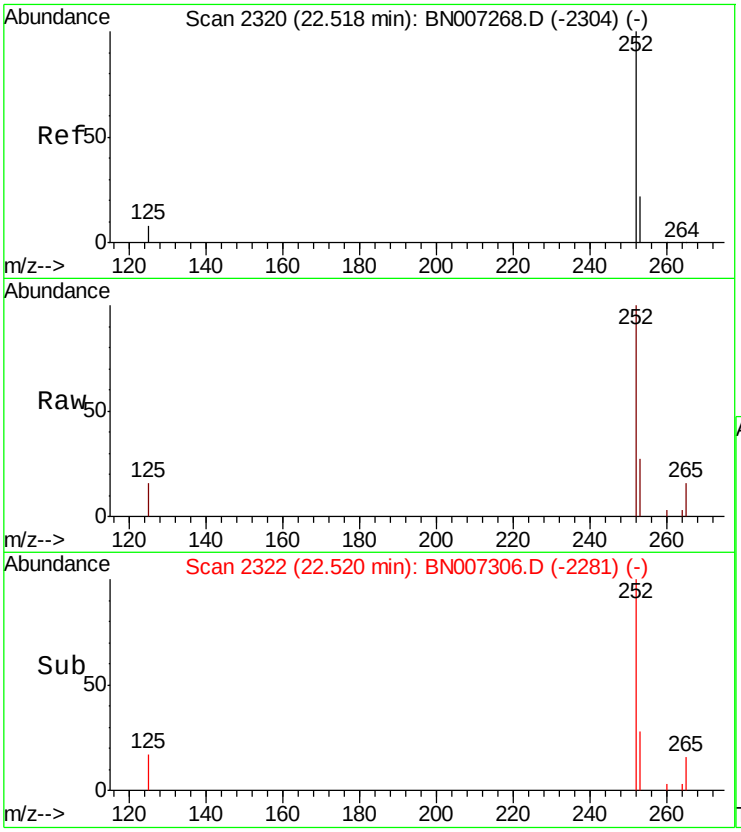


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:264 Resp: 28988

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	38.1	29.0	43.6



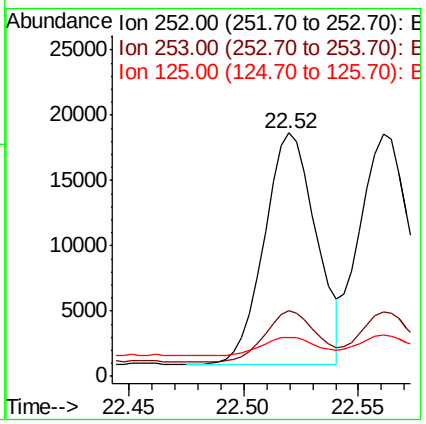


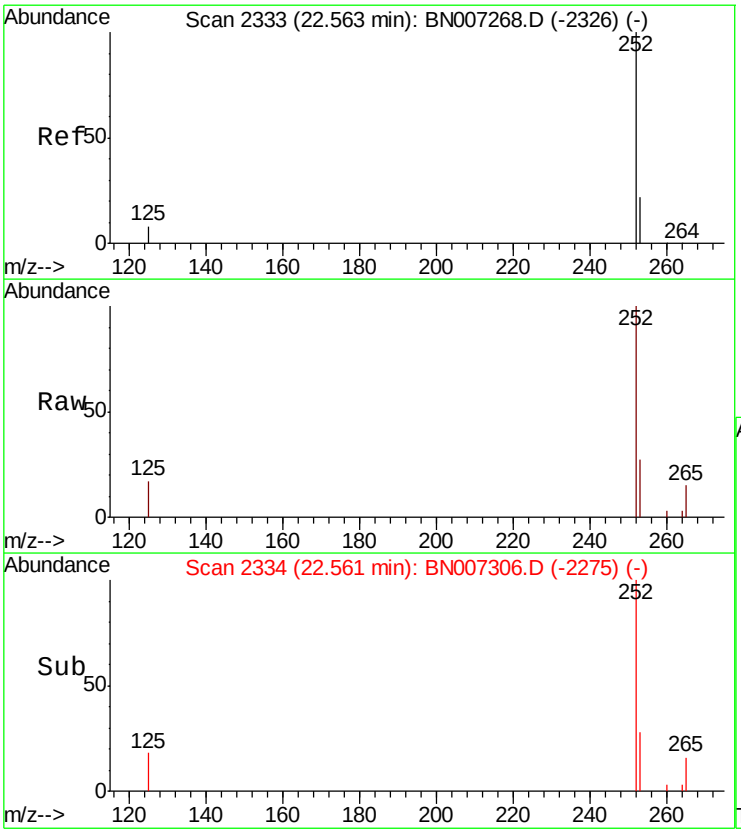
#35
Benzo(b)fluoranthene
Concen: 0.257 ng
RT: 22.52 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27786

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	16.2	7.8	11.6#

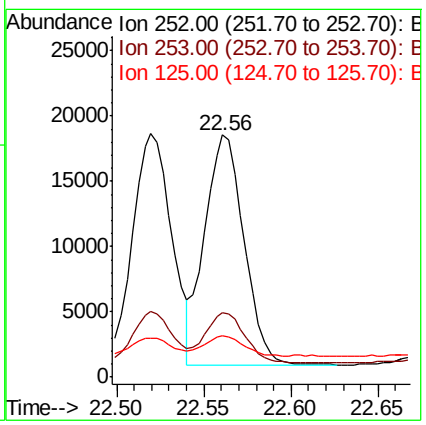


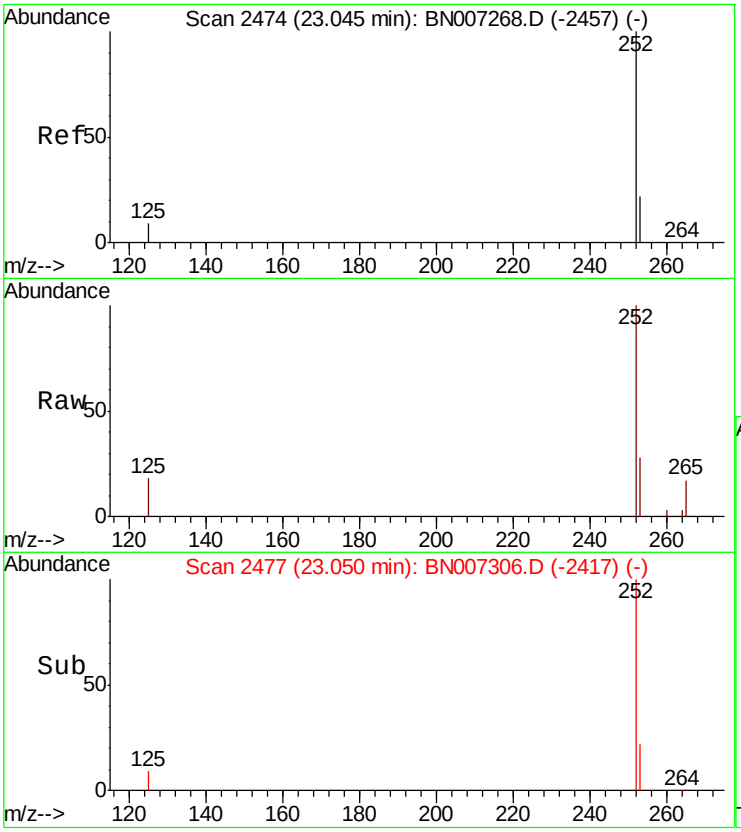


#36
Benzo(k)fluoranthene
Concen: 0.261 ng
RT: 22.56 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:252 Resp: 27623

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.4	27.6
125	16.8	8.0	12.0#



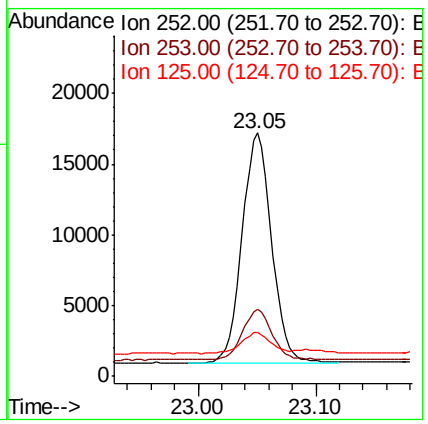


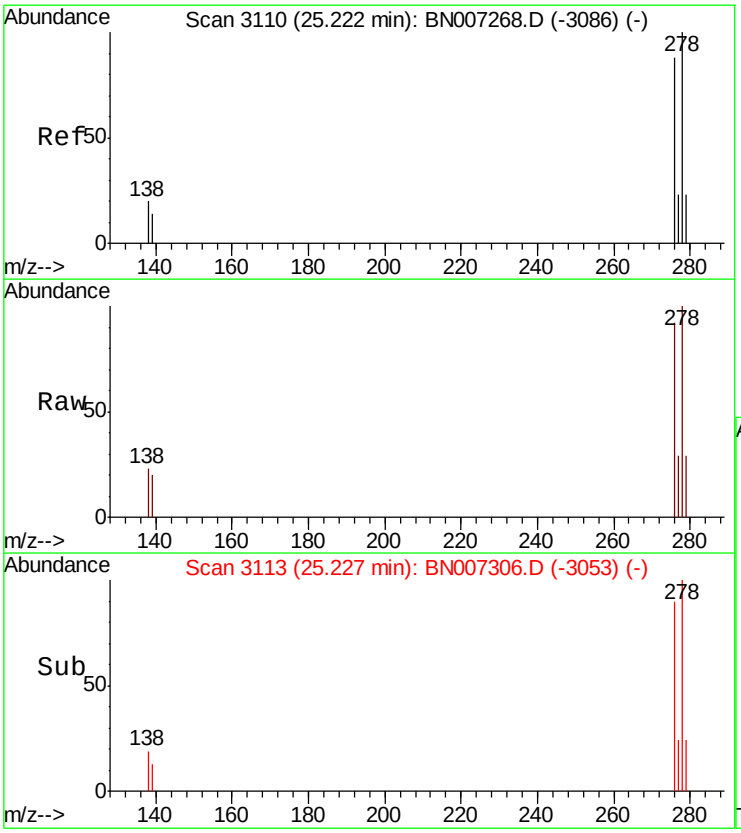
#37
Benzo(a)pyrene
Concen: 0.294 ng
RT: 23.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28647

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.7	28.1
125	18.0	8.7	13.1#

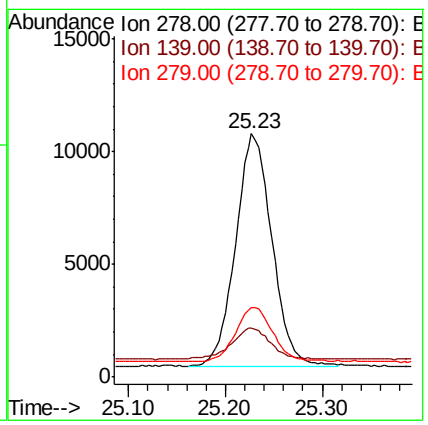


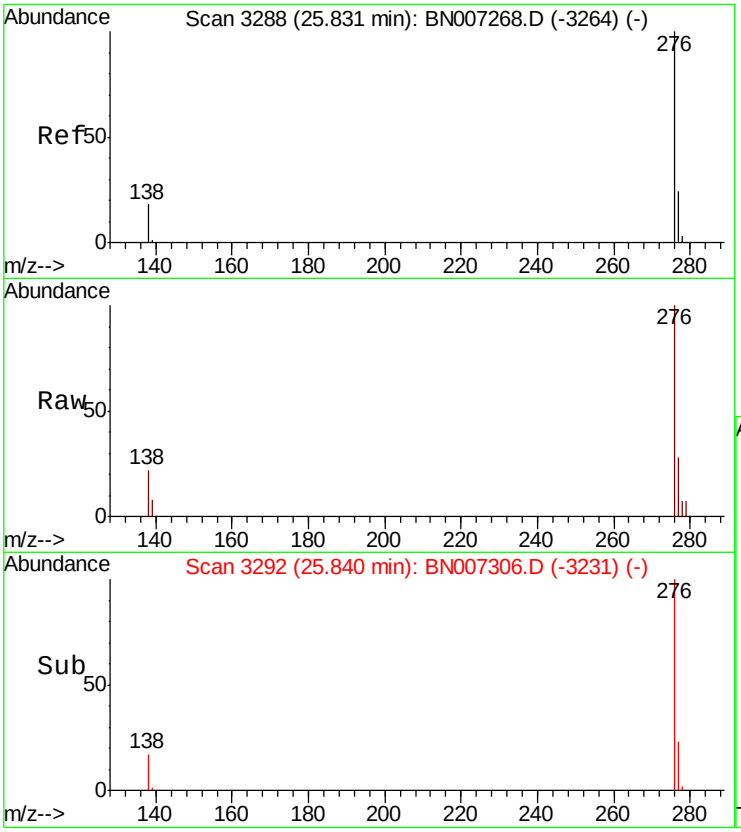


#38
Dibenzo(a,h)anthracene
Concen: 0.262 ng
RT: 25.23 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:278 Resp: 26810

Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.8	17.8#
279	28.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.273 ng
RT: 25.84 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28275

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.5	29.3
138	21.8	15.3	22.9