Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007380.D
Acq On : 25 Aug 2019 02:31
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122525BS

Quant Time: Aug 25 05:25:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7001	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	27557	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	12711	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	24197	0.40	ng		0.00
27) Chrysene-d12	21.02	240	23292	0.40	ng		0.00
34) Perylene-d12	23.12	264	28190	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	4736	0.18	ng		0.00
5) Phenol-d6	6.59	99	5824	0.17	ng		0.00
8) Nitrobenzene-d5	8.53	82	4428	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12455	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	954	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	11086	0.22	ng		0.00
25) Fluoranthene-d10	18.84	212	14978	0.19	ng		0.00
29) Terphenyl-d14	19.47	244	11344	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2044	0.176	ng	#	77
3) n-Nitrosodimethylamine	3.32	42	1052	0.195	ng		85
6) bis(2-Chloroethyl)ether	6.84	93	5193	0.205	ng		98
9) Naphthalene	10.20	128	16995	0.216	ng	#	91
10) Hexachlorobutadiene	10.51	225	3387	0.210	ng	#	99
12) 2-Methylnaphthalene	11.83	142	11264	0.210	ng		99
16) Acenaphthylene	13.76	152	15218	0.202	ng		99
17) Acenaphthene	14.11	154	9239	0.210	ng		99
18) Fluorene	15.10	166	10222	0.184	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2220	0.233	ng		94
21) Hexachlorobenzene	16.11	284	3921	0.242	ng		94
22) Pentachlorophenol	16.46	266	1408	0.279	ng	#	66
23) Phenanthrene	16.84	178	14766	0.203	ng		99
24) Anthracene	16.93	178	14129	0.193	ng		99
26) Fluoranthene	18.87	202	19628	0.210	ng		99
28) Pyrene	19.24	202	19818	0.212	ng		99
30) Benzo(a)anthracene	21.00	228	19391	0.212	ng		99
31) Chrysene	21.05	228	20765	0.235	ng		97
32) Bis(2-ethylhexyl)phthalate	20.96	149	8640	0.127	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	27746	0.261	ng		99
35) Benzo(b)fluoranthene	22.50	252	22805	0.223	ng		98
36) Benzo(k)fluoranthene	22.54	252	22939	0.227	ng	#	94
37) Benzo(a)pyrene	23.03	252	21845	0.225	ng		97
38) Dibenzo(a,h)anthracene	25.20	278	22273	0.230	ng		97
39) Benzo(g,h,i)perylene	25.80	276	24234	0.251	ng		97

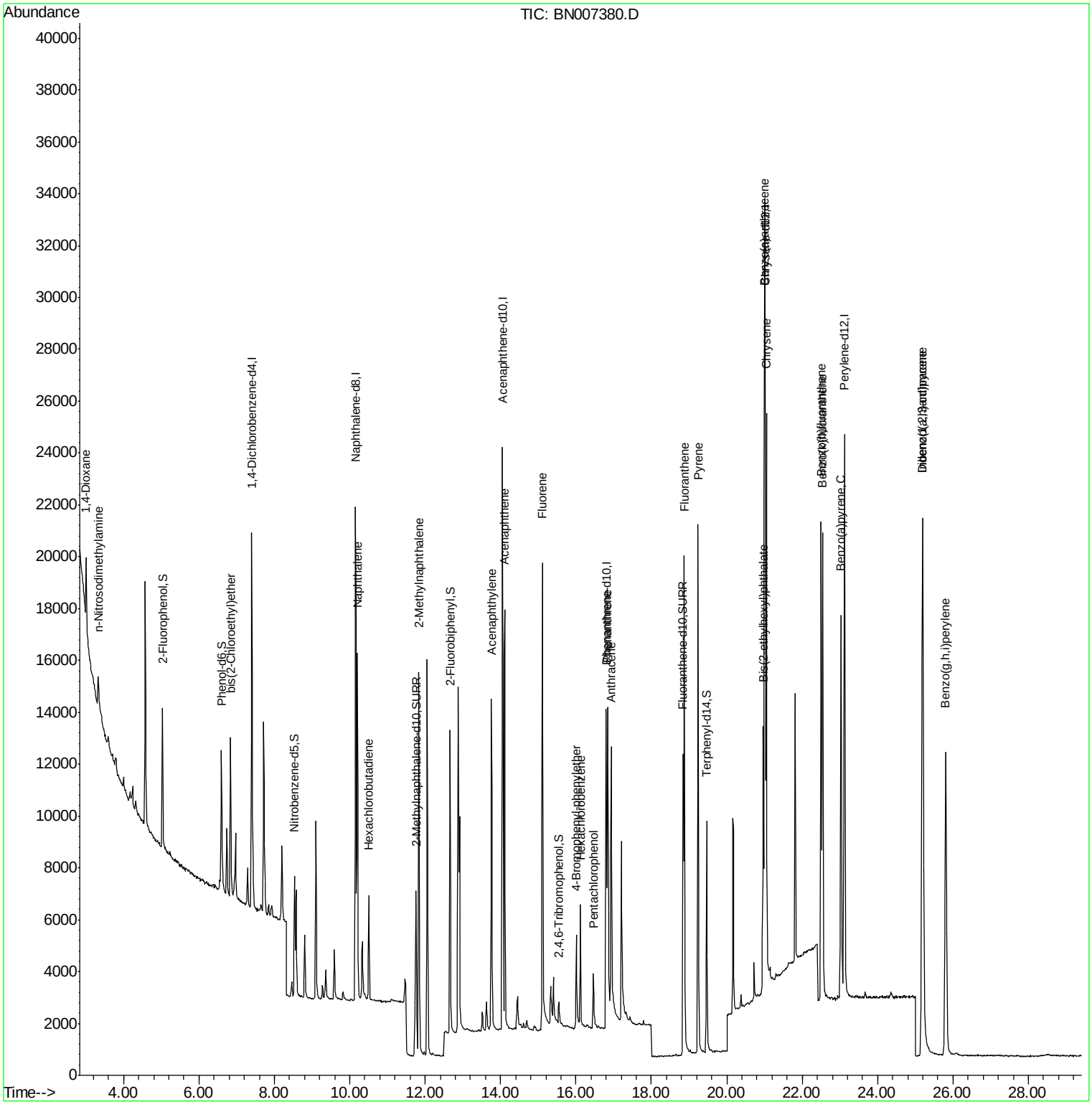
(#) = qualifier out of range (m) = manual integration (+) = signals summed

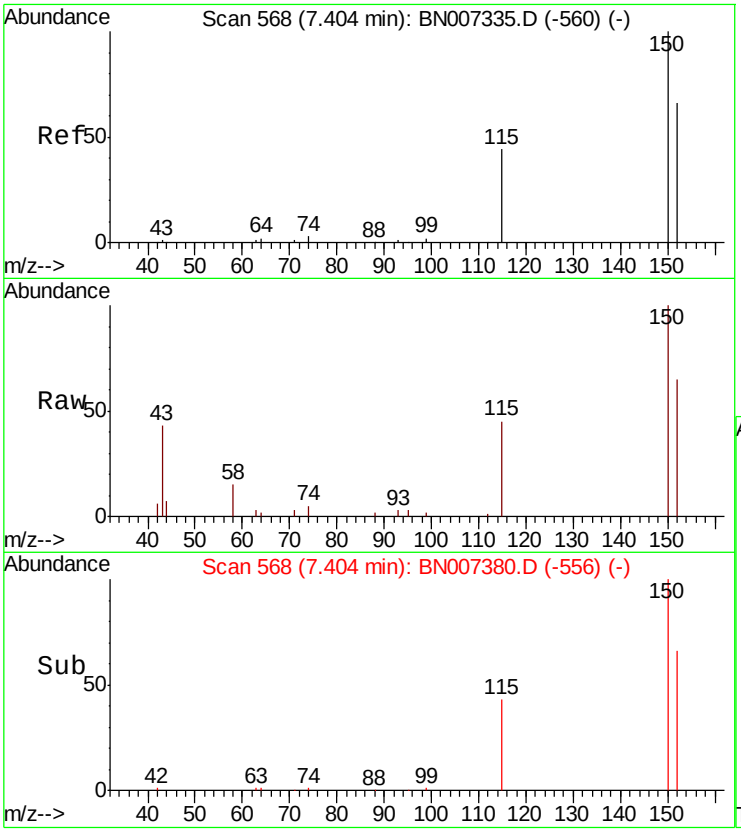
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007380.D
Acq On : 25 Aug 2019 02:31
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Quant Time: Aug 25 05:25:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



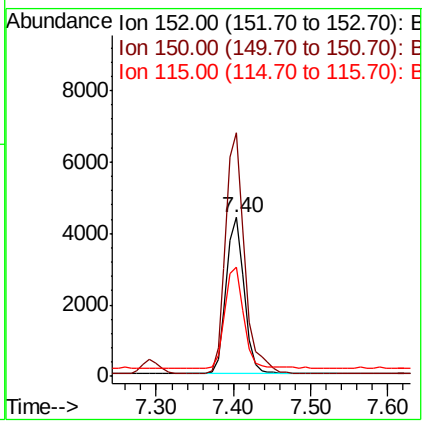


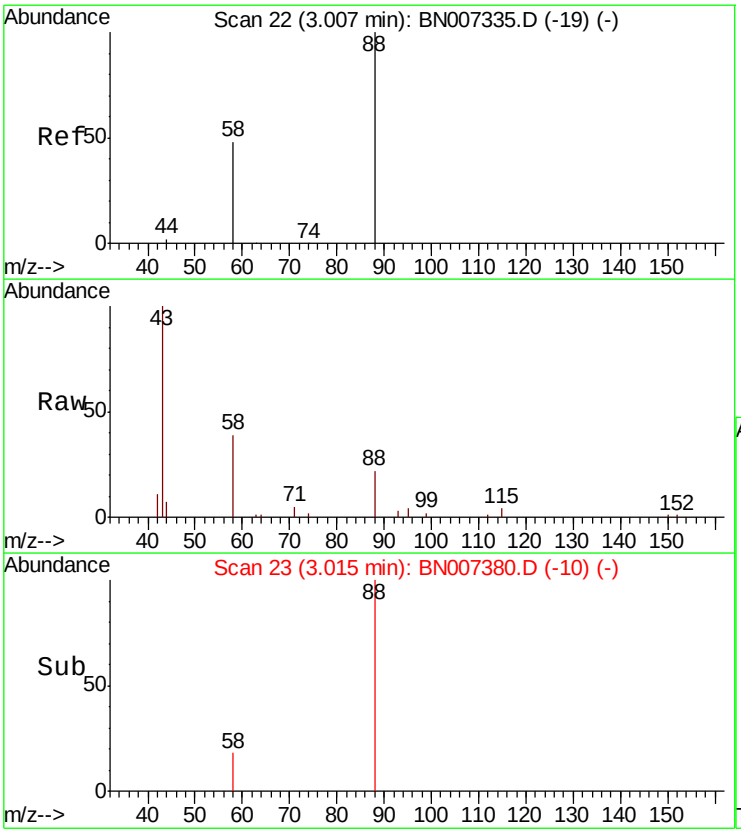
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:152 Resp: 7001

Ion	Ratio	Lower	Upper
152	100		
150	153.3	109.1	163.7
115	69.0	59.6	89.4

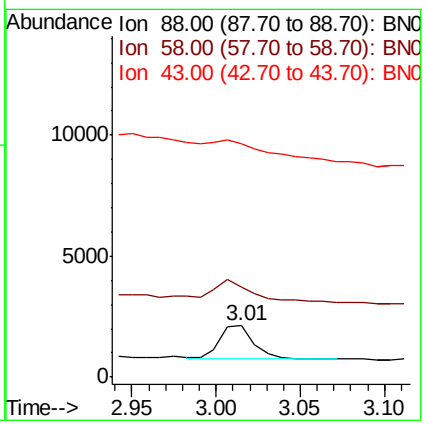


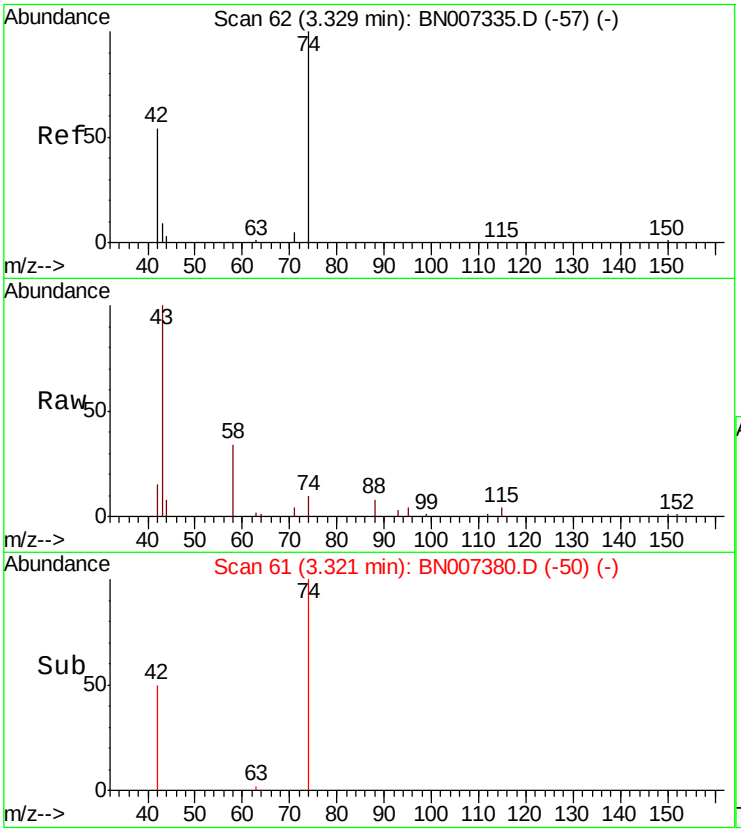


#2
1,4-Dioxane
Concen: 0.176 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion: 88 Resp: 2044

Ion	Ratio	Lower	Upper
88	100		
58	80.9	50.5	75.7#
43	0.0	0.0	0.0



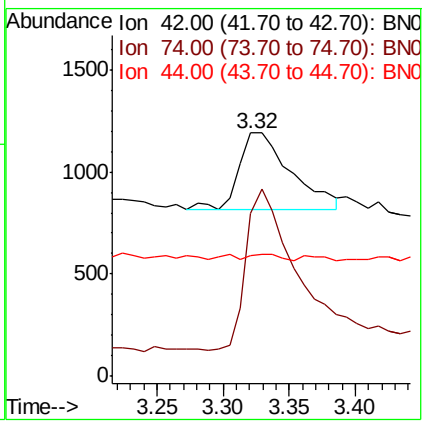


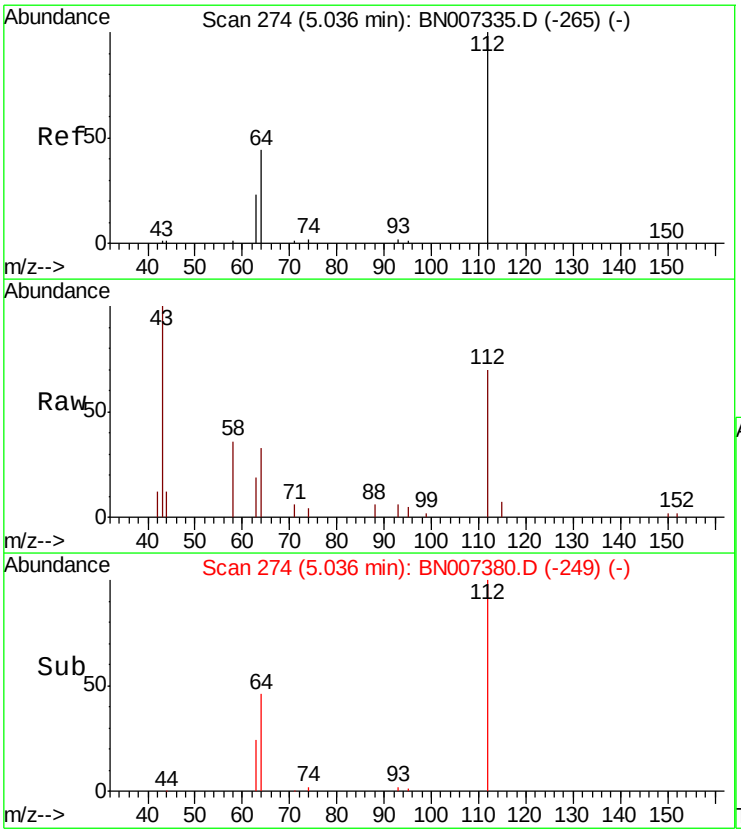
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 42 Resp: 1052

Ion	Ratio	Lower	Upper
42	100		
74	202.4	144.7	217.1
44	4.5	3.2	4.8

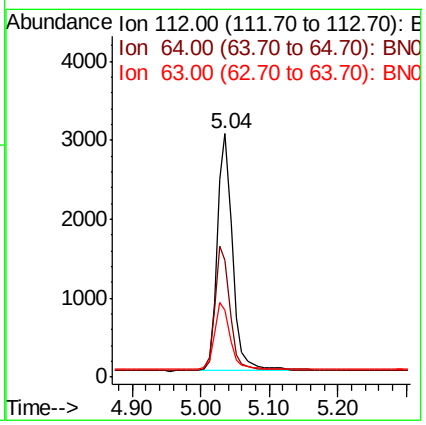


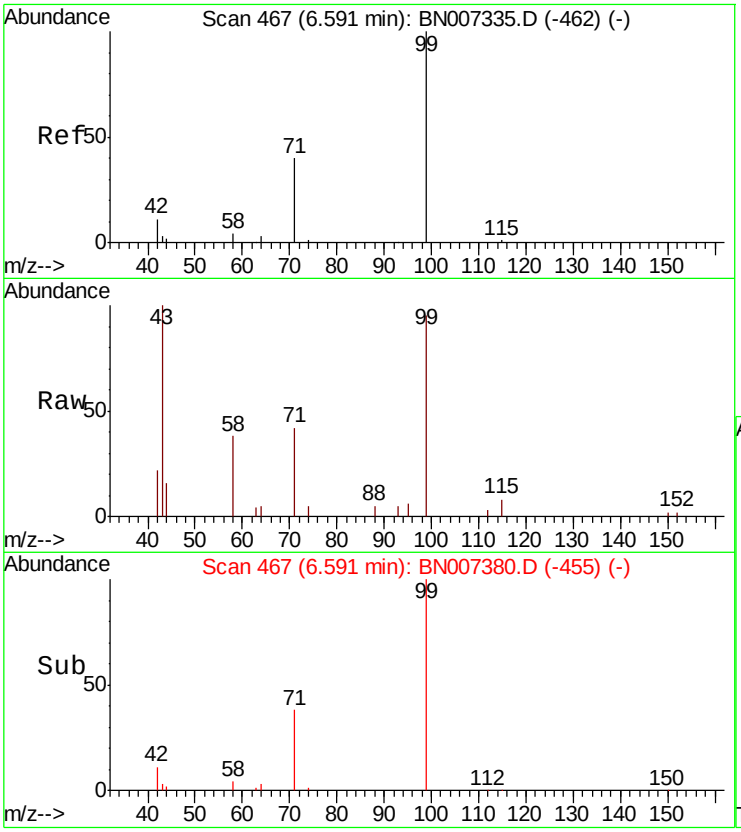


#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:112 Resp: 4736

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.3	63.5
63	28.6	23.6	35.4



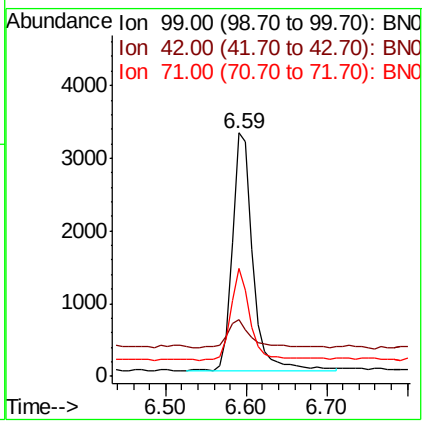


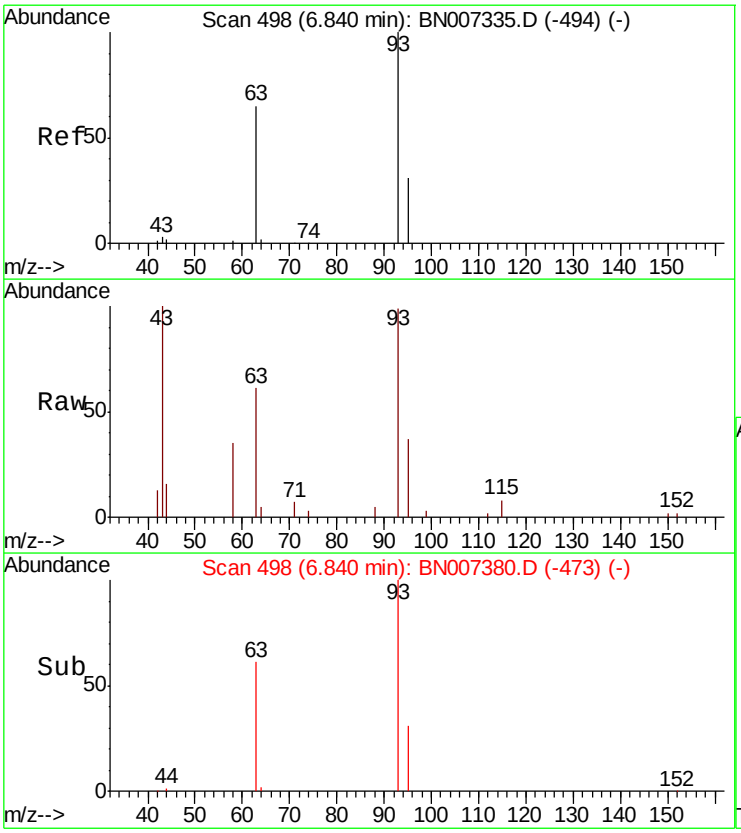
#5
Phenol-d6
Concen: 0.171 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 99 Resp: 5824

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.2	16.8
71	36.5	31.8	47.8

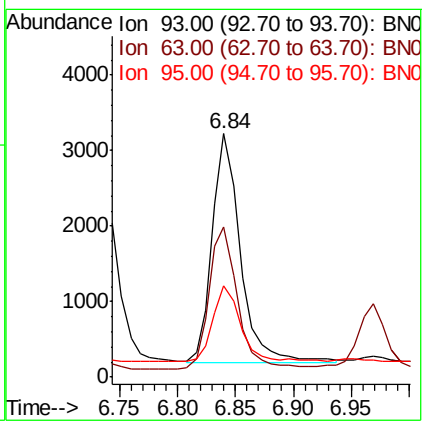


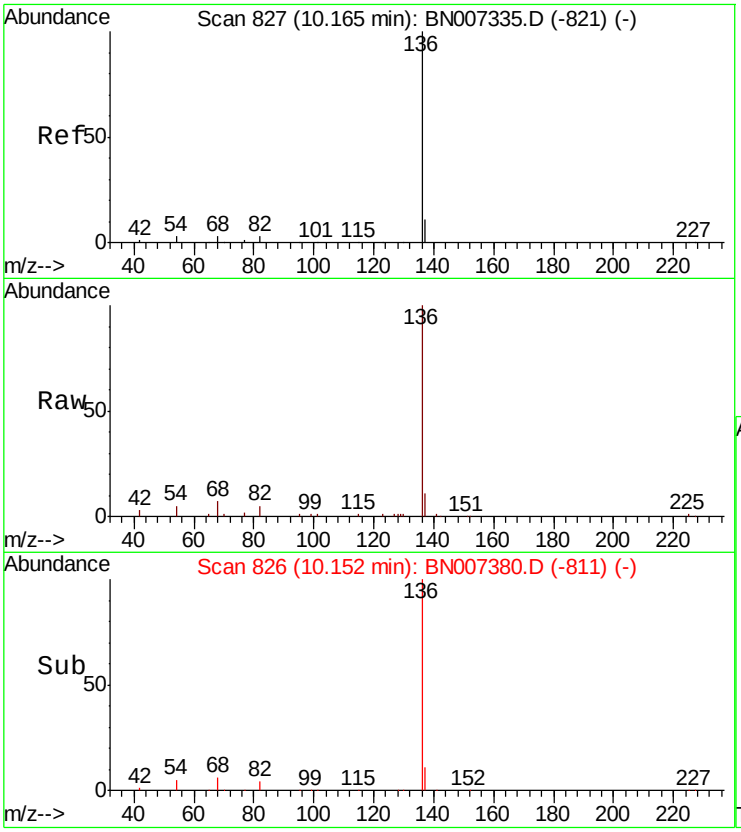


#6
bis(2-Chloroethyl)ether
Concen: 0.205 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion: 93 Resp: 5193

Ion	Ratio	Lower	Upper
93	100		
63	63.1	51.9	77.9
95	33.1	27.7	41.5



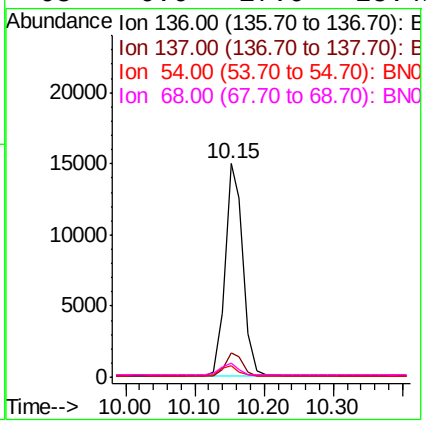


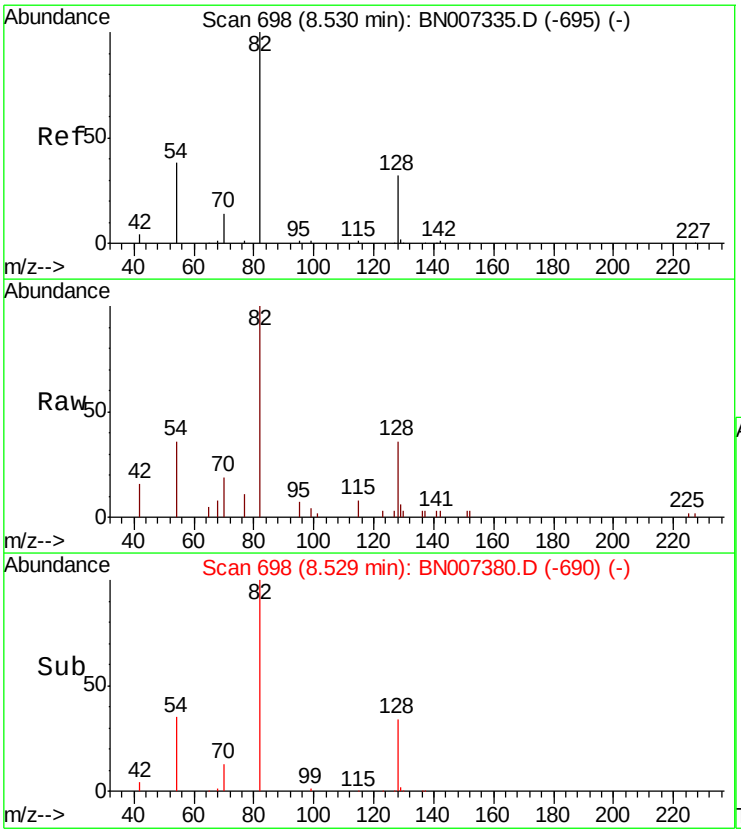
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:136 Resp: 27557

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.3	8.6	12.8#
68	6.6	17.0	25.4#

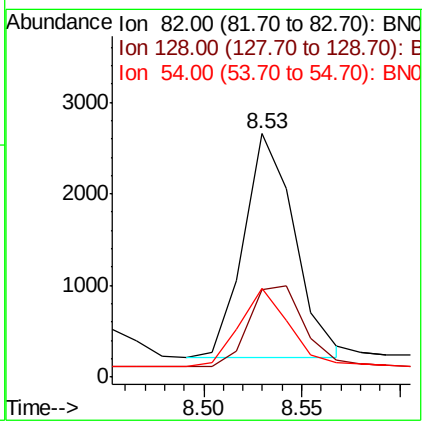


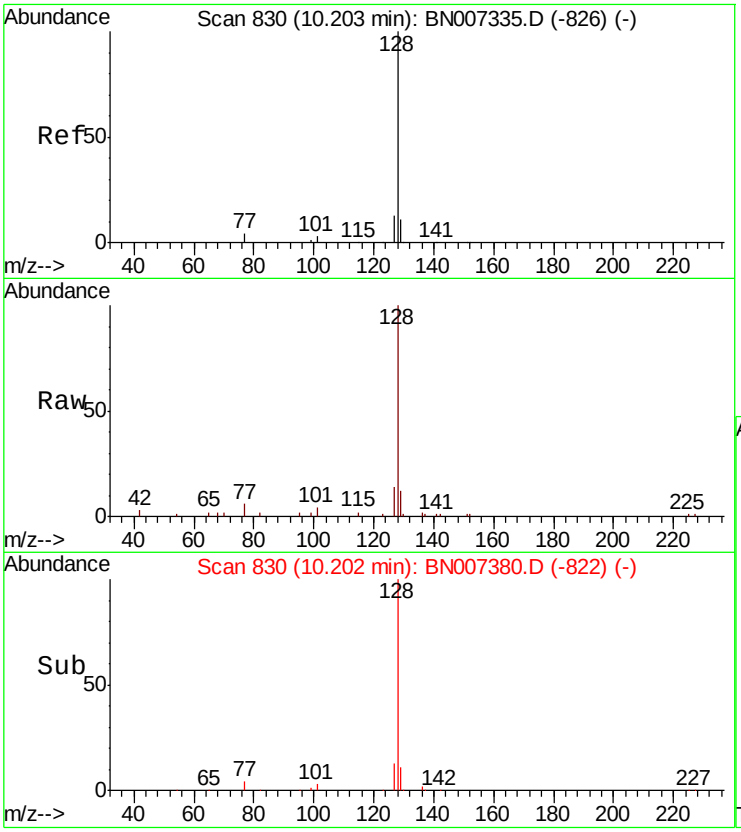


#8
Nitrobenzene-d5
Concen: 0.185 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion: 82 Resp: 4428

Ion	Ratio	Lower	Upper
82	100		
128	35.8	19.7	29.5#
54	36.4	25.8	38.6



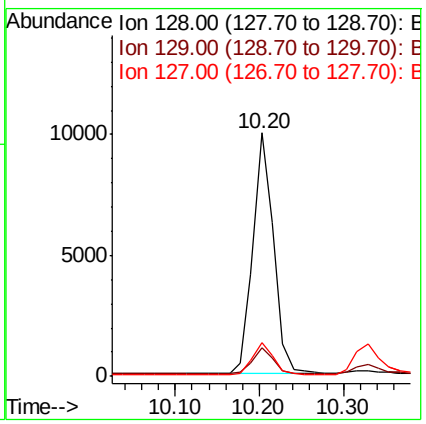


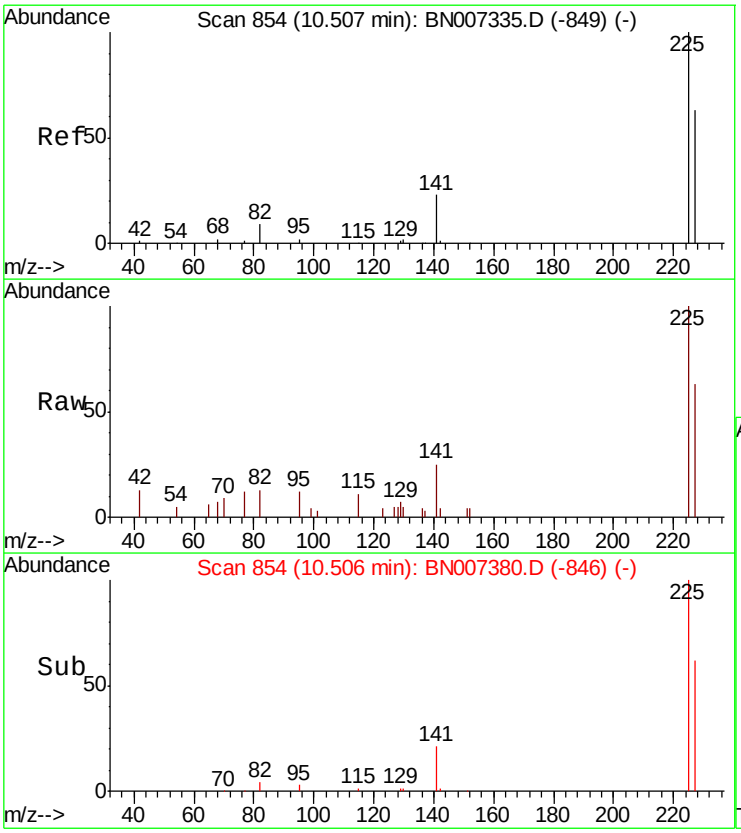
#9
Naphthalene
Concen: 0.216 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:128 Resp: 16995

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.1	16.7
127	14.1	15.5	23.3#

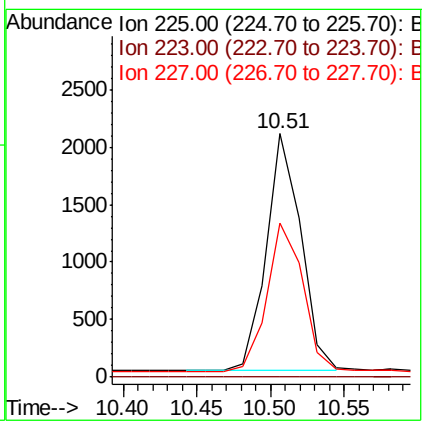


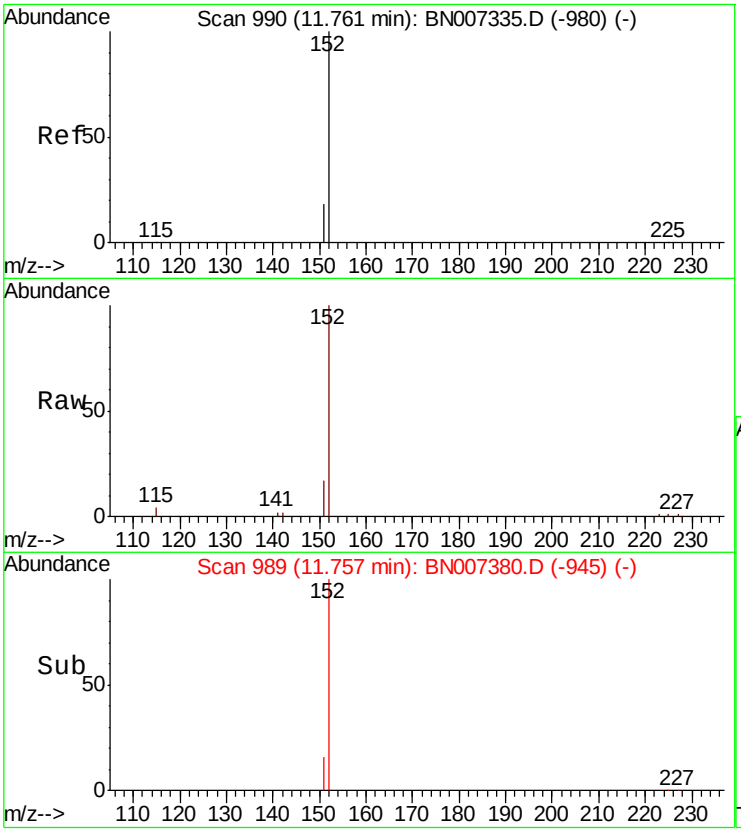


#10
Hexachlorobutadiene
Concen: 0.210 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:225 Resp: 3387

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1



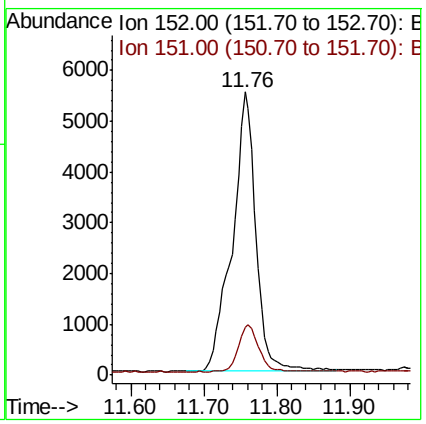


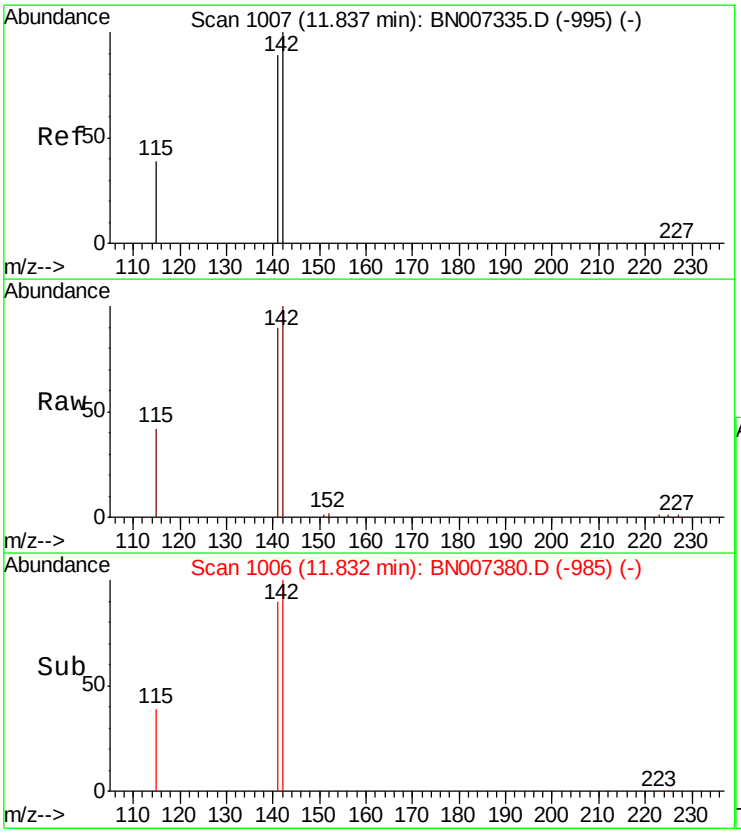
#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:152 Resp: 12455

Ion	Ratio	Lower	Upper
152	100		
151	14.0	16.2	24.2#

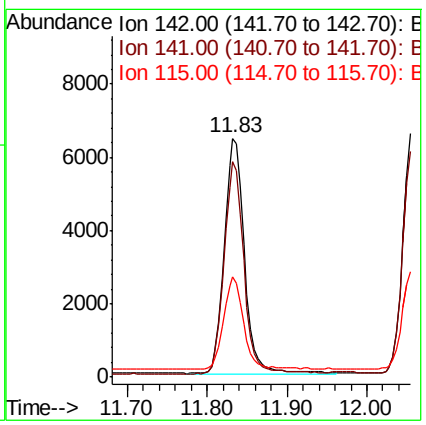


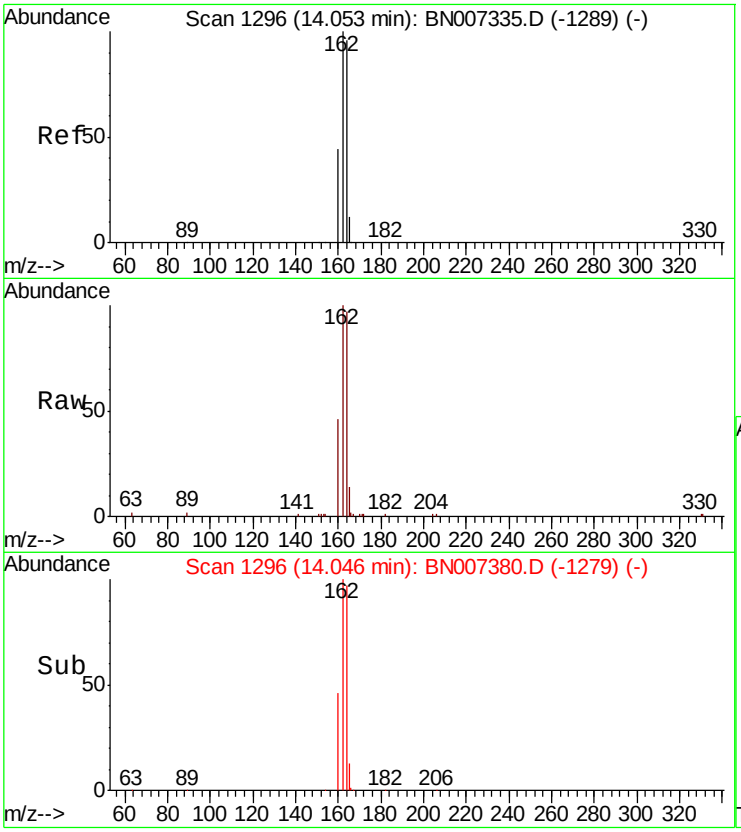


#12
2-Methylnaphthalene
Concen: 0.210 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:142 Resp: 11264

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
115	42.0	35.2	52.8



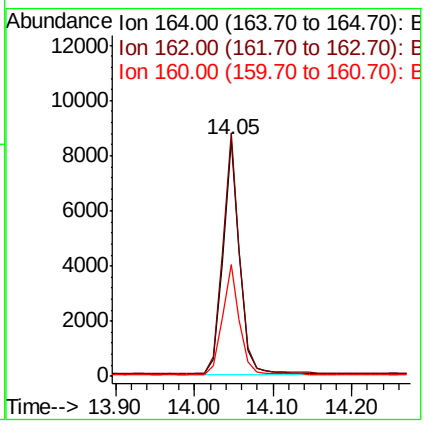


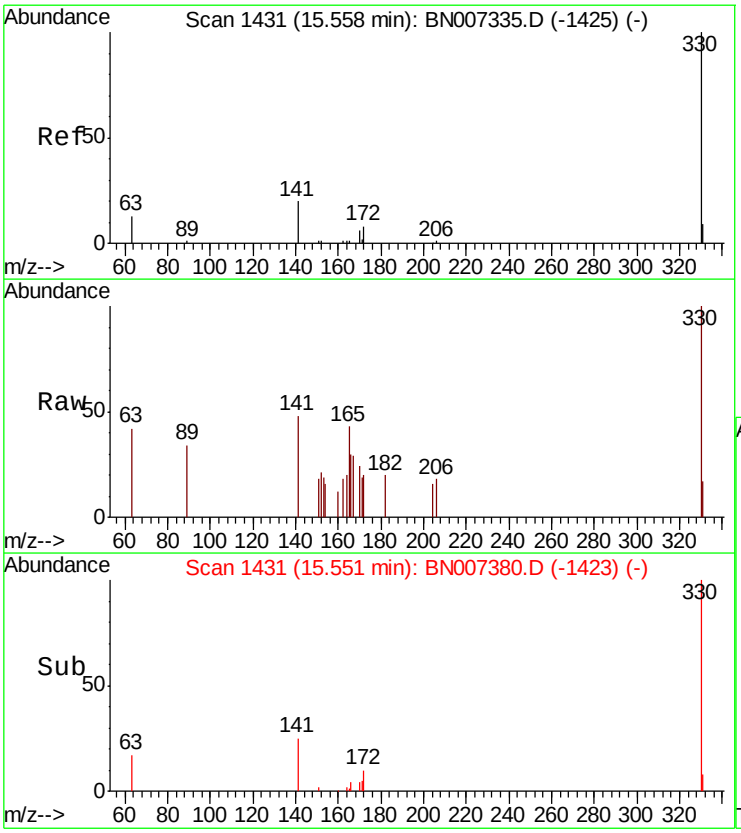
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:164 Resp: 12711

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.5	125.3
160	47.2	38.2	57.4

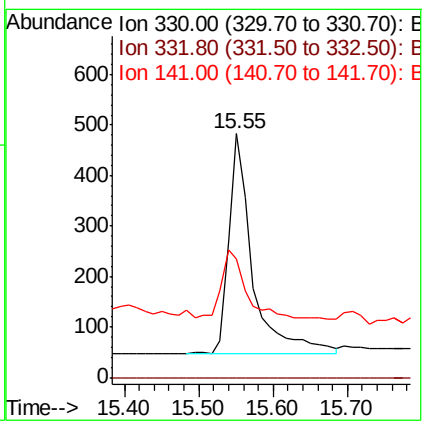


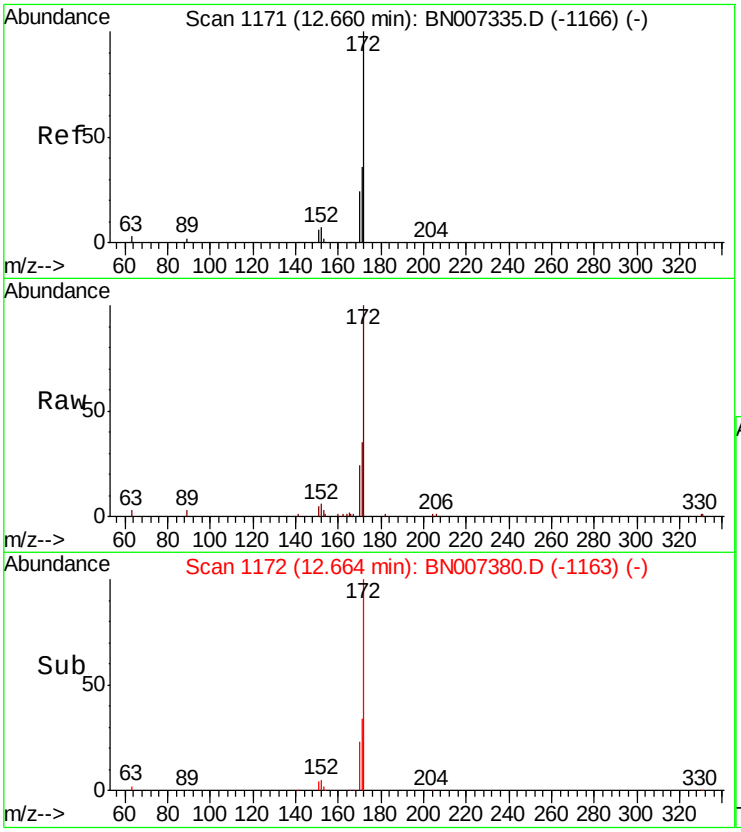


#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:330 Resp: 954

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.6	26.9	40.3



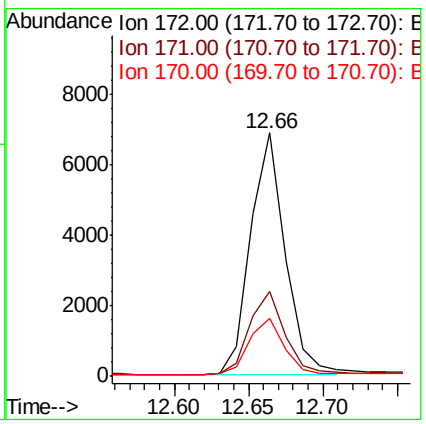


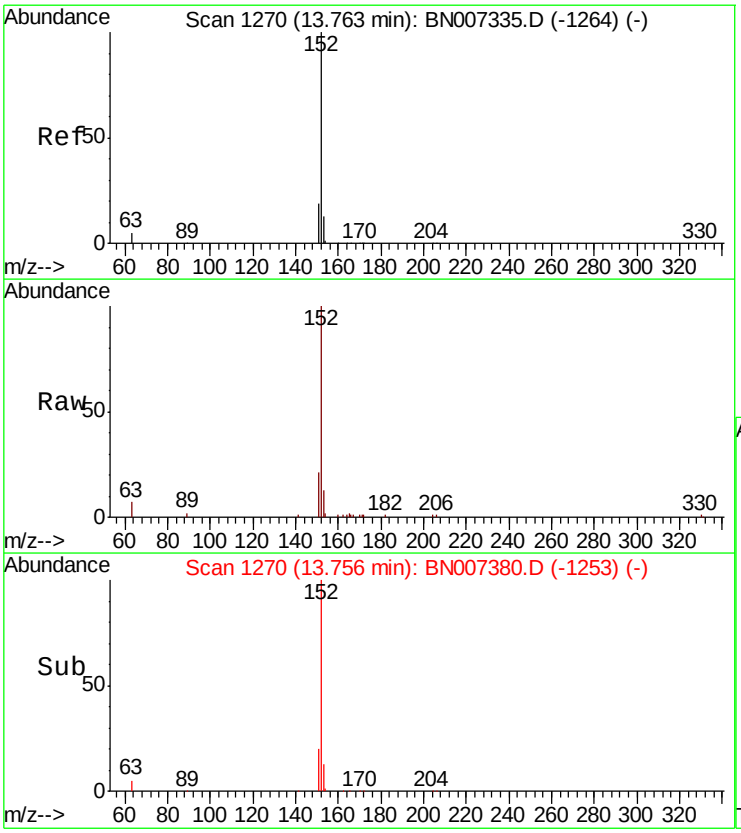
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:172 Resp: 11086

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.3	45.5
170	23.8	20.7	31.1

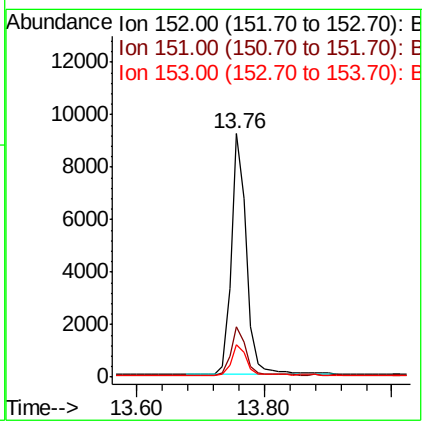


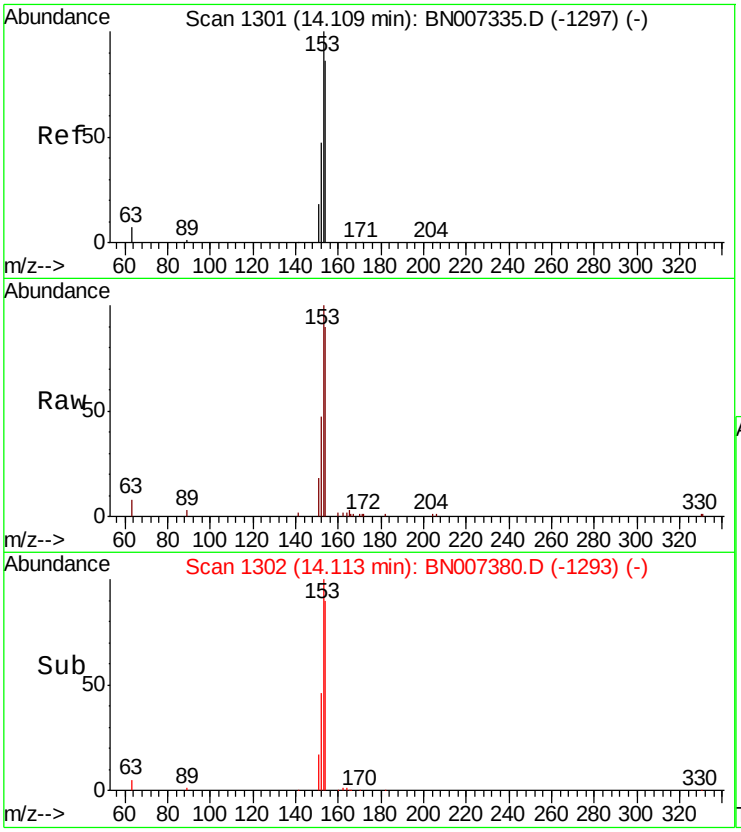


#16
Acenaphthylene
Concen: 0.202 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:152 Resp: 15218

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	12.8	10.6	15.8



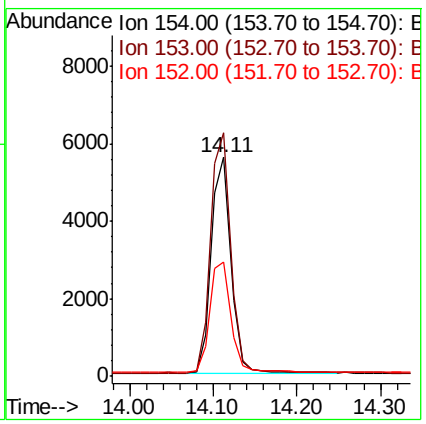


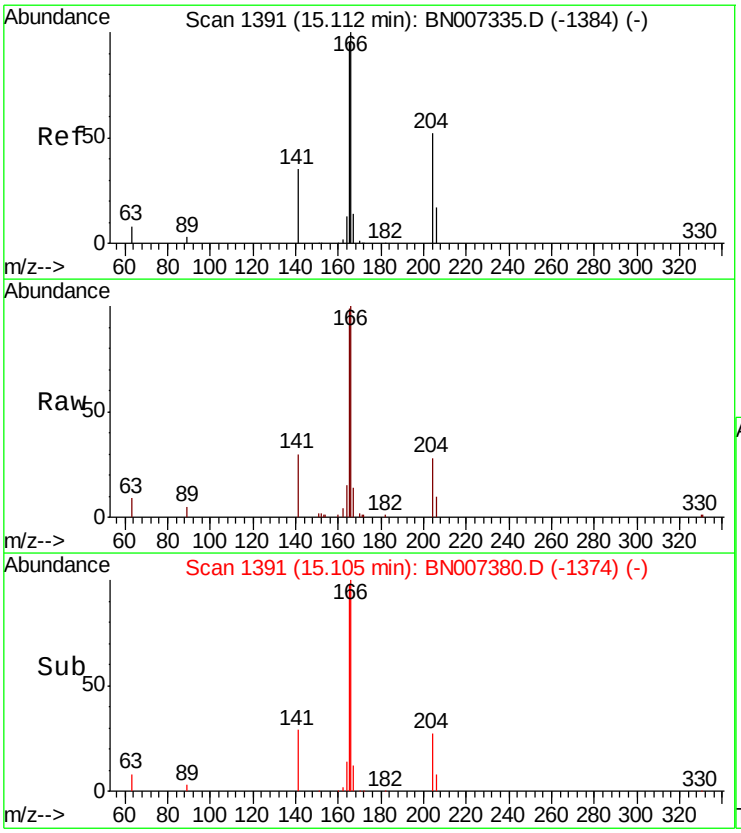
#17
Acenaphthene
Concen: 0.210 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:154 Resp: 9239

Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.8	139.2
152	54.7	43.8	65.8

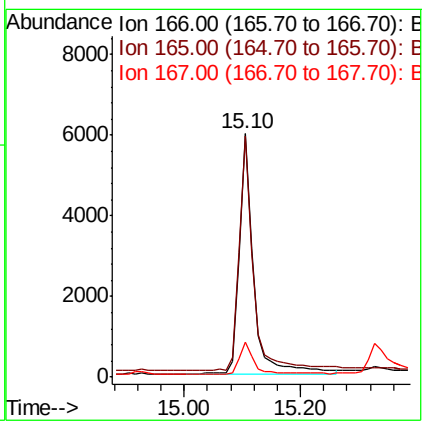


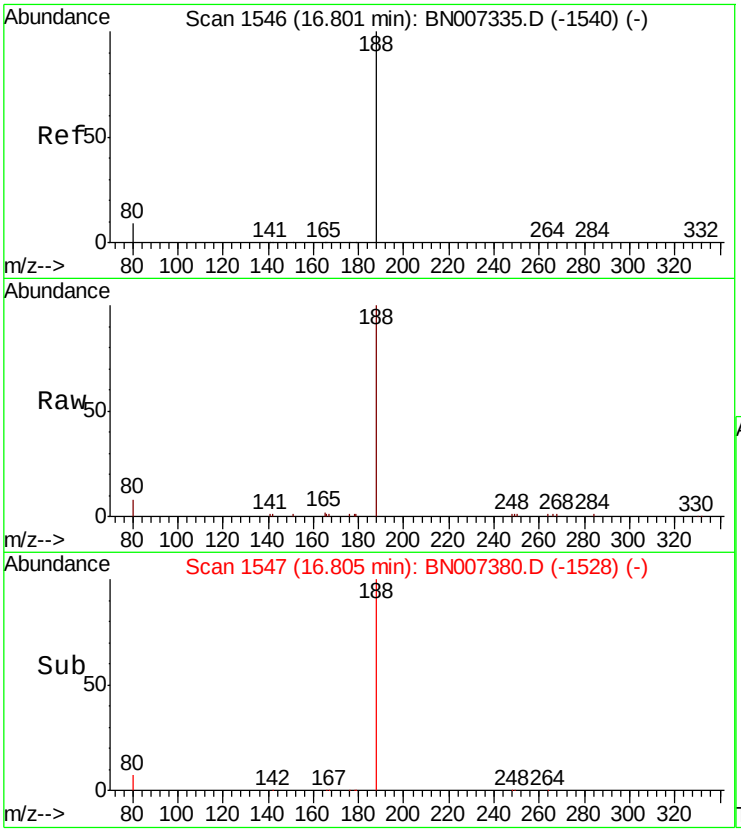


#18
Fluorene
Concen: 0.184 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:166 Resp: 10222

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.3	10.6	15.8



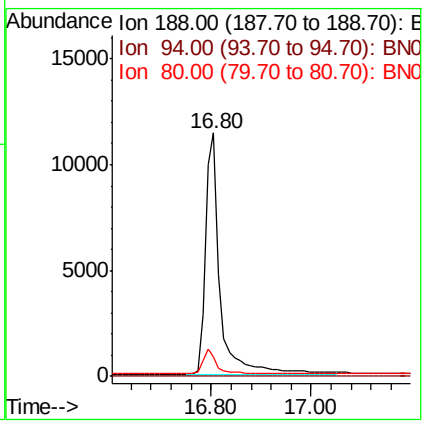


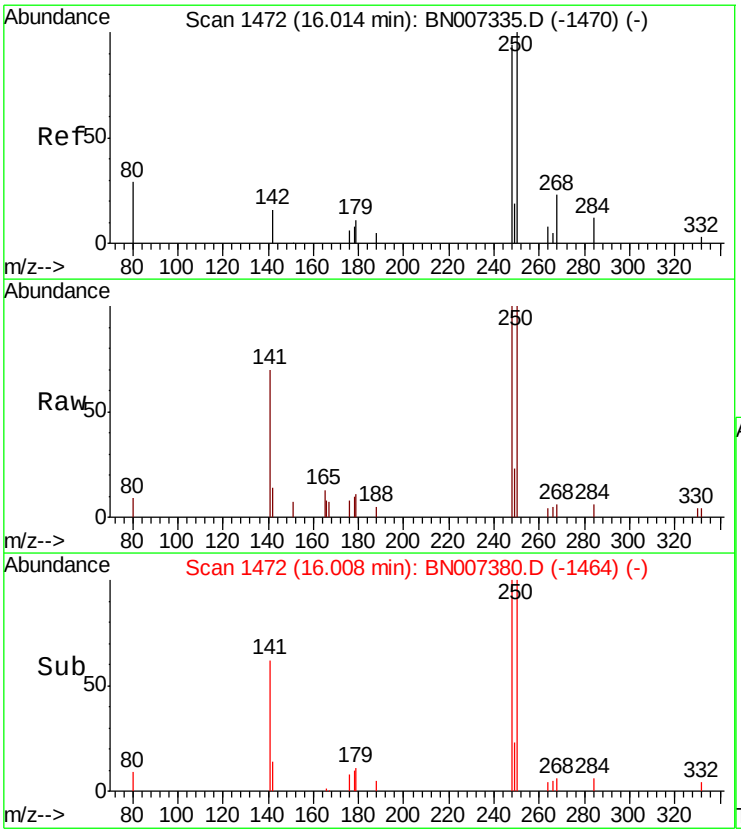
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:188 Resp: 24197

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	11.8	17.8#

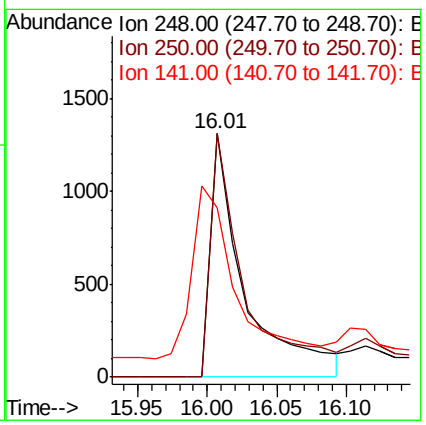


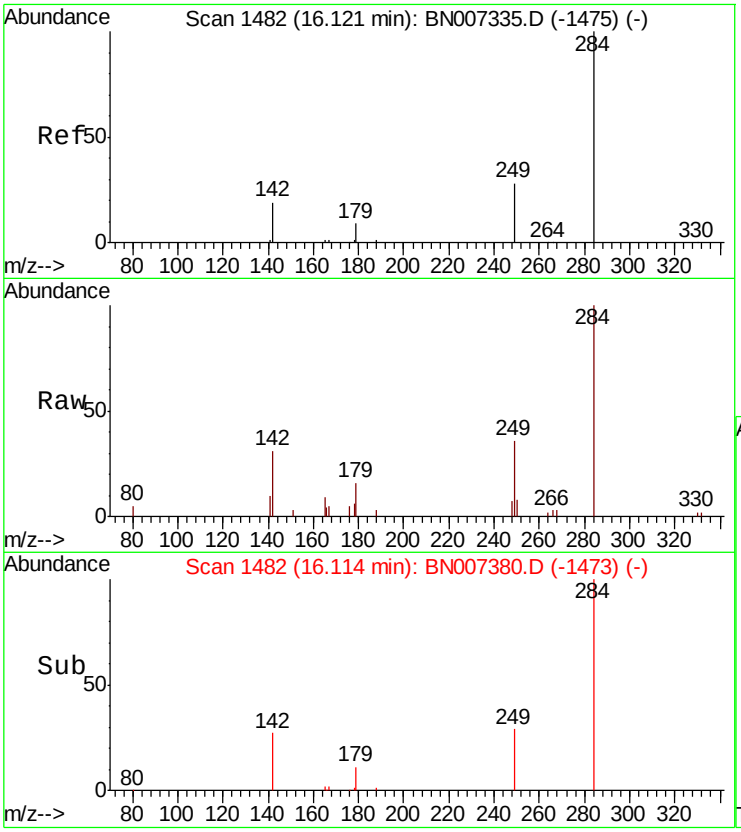


#20
4-Bromophenyl-phenylether
Concen: 0.233 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:248 Resp: 2220

Ion	Ratio	Lower	Upper
248	100		
250	99.9	85.0	127.6
141	69.7	51.7	77.5



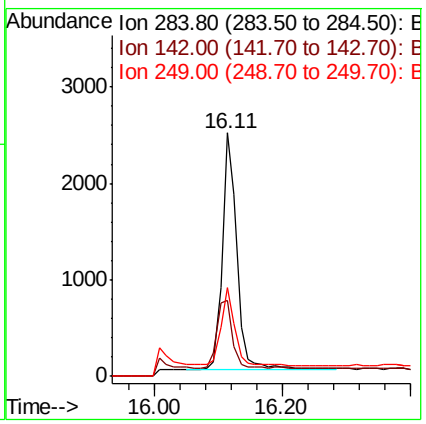


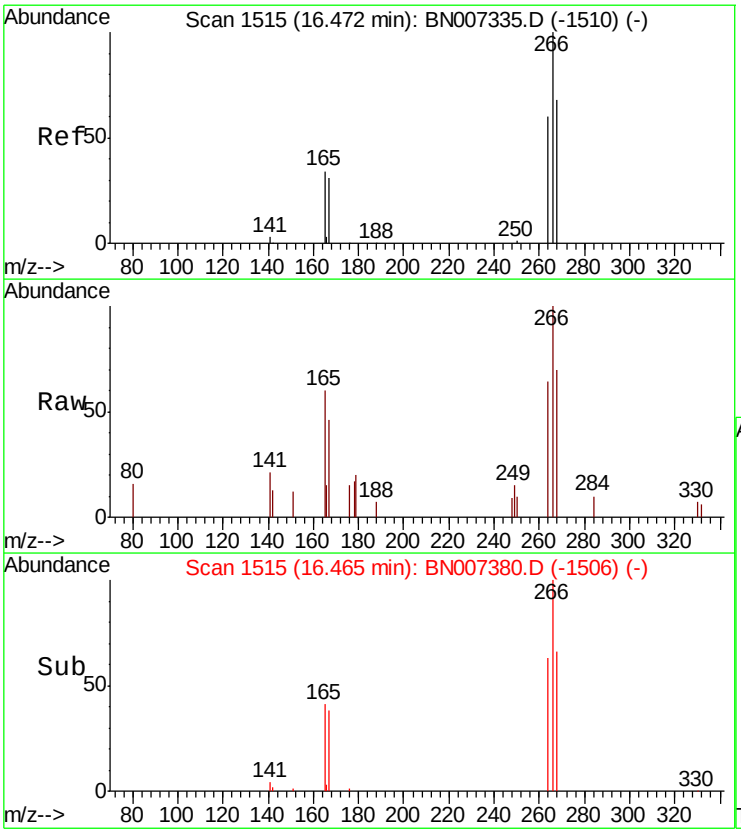
#21
Hexachlorobenzene
Concen: 0.242 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:284 Resp: 3921

Ion	Ratio	Lower	Upper
284	100		
142	30.3	29.0	43.6
249	31.1	24.9	37.3

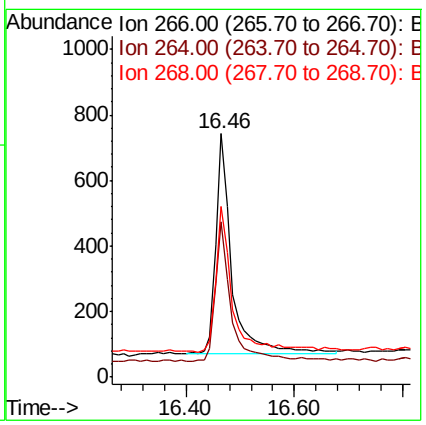


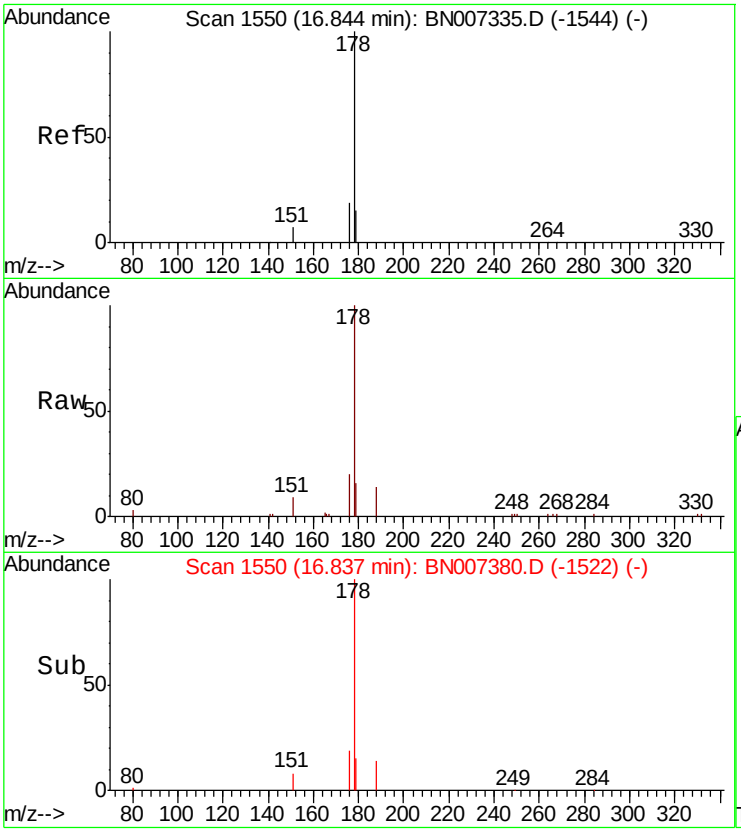


#22
Pentachlorophenol
Concen: 0.279 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:266 Resp: 1408

Ion	Ratio	Lower	Upper
266	100		
264	63.9	57.8	86.8
268	70.3	99.7	149.5#



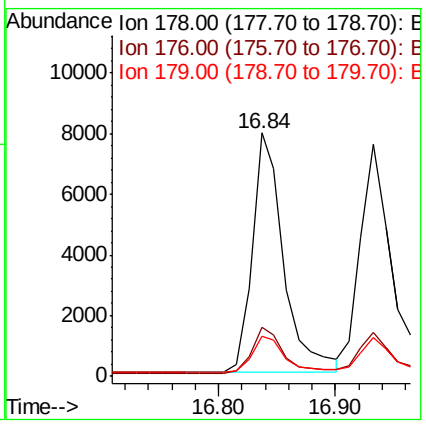


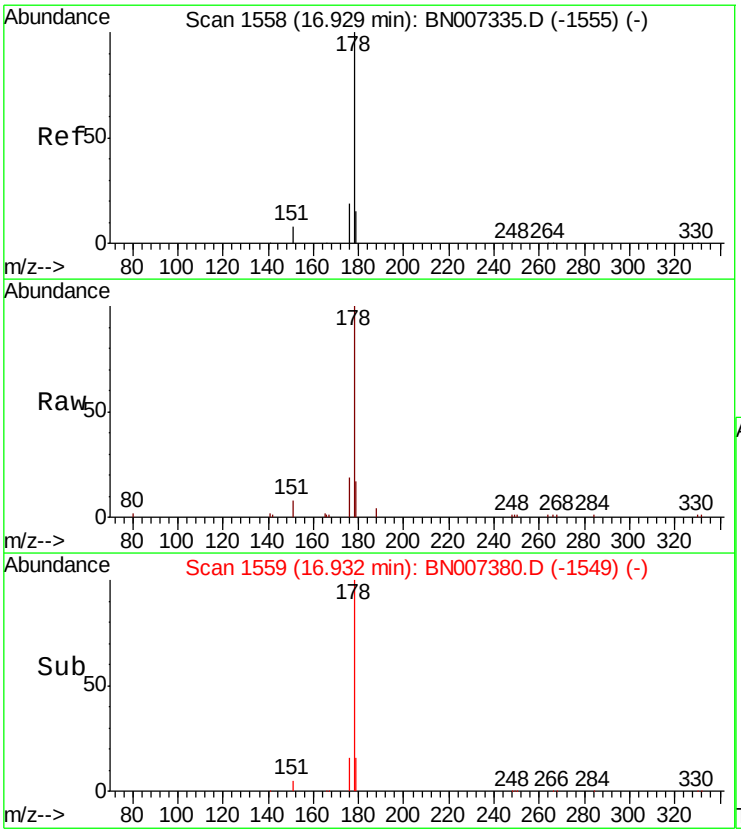
#23
Phenanthrene
Concen: 0.203 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:178 Resp: 14766

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

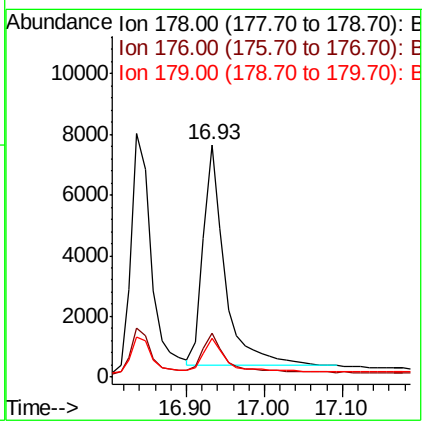


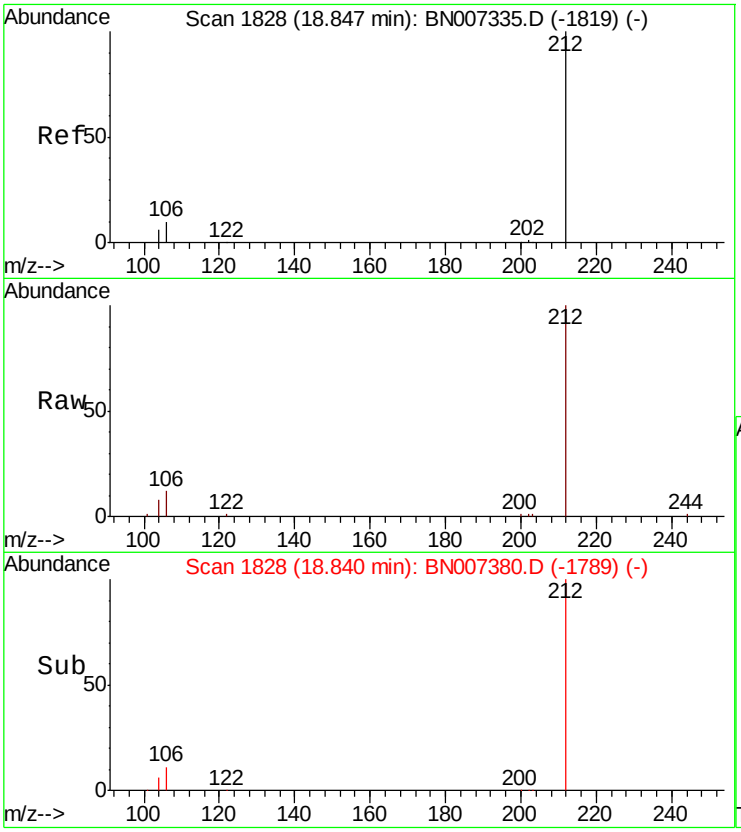


#24
Anthracene
Concen: 0.193 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:178 Resp: 14129

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	12.4	18.6



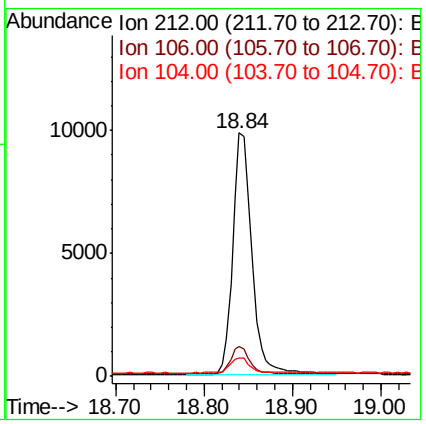


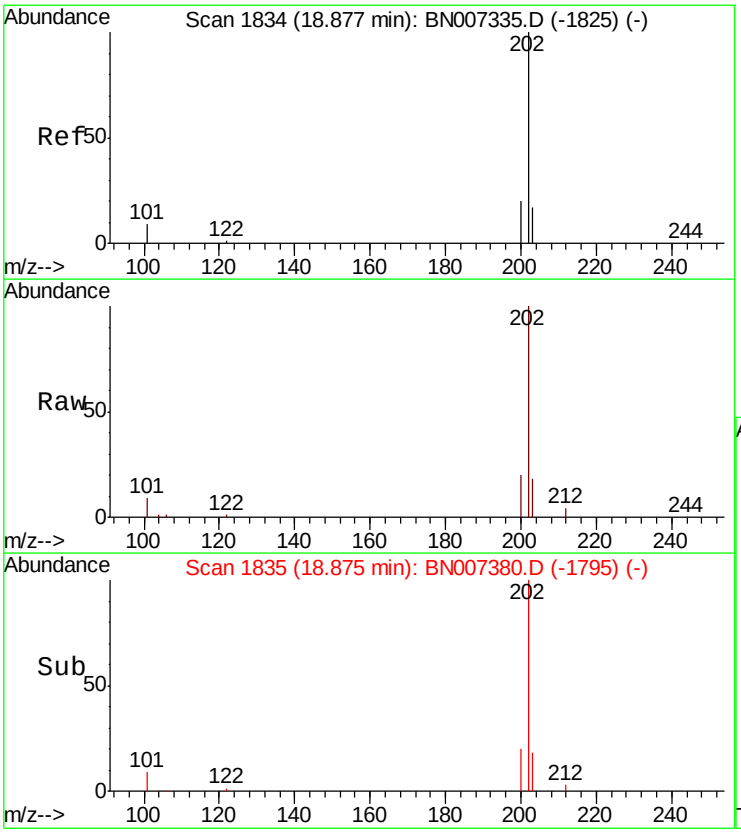
#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:212 Resp: 14978

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.0	13.4
104	6.6	5.4	8.2

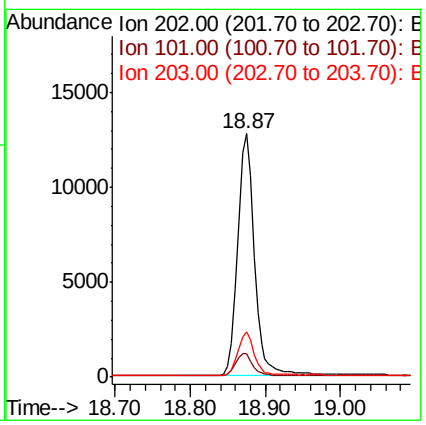


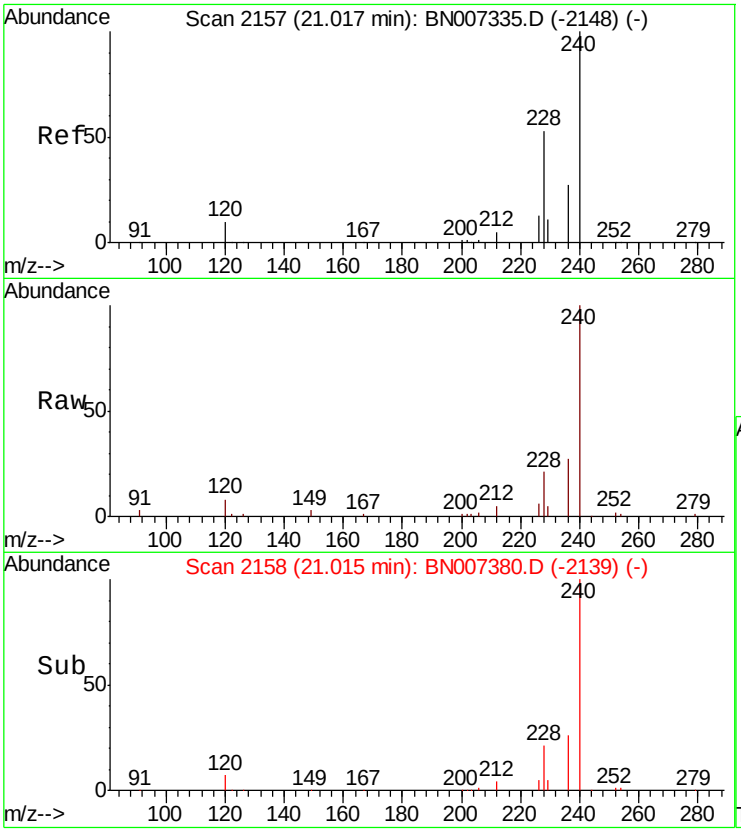


#26
Fluoranthene
Concen: 0.210 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:202 Resp: 19628

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.7	11.5
203	17.2	13.7	20.5



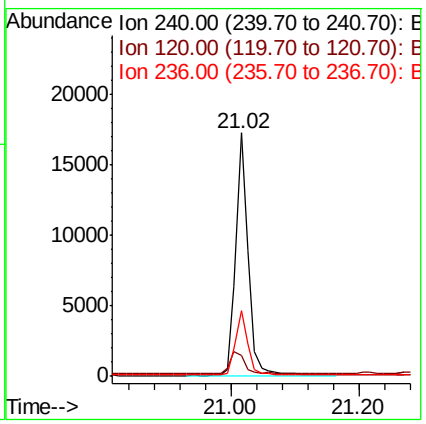


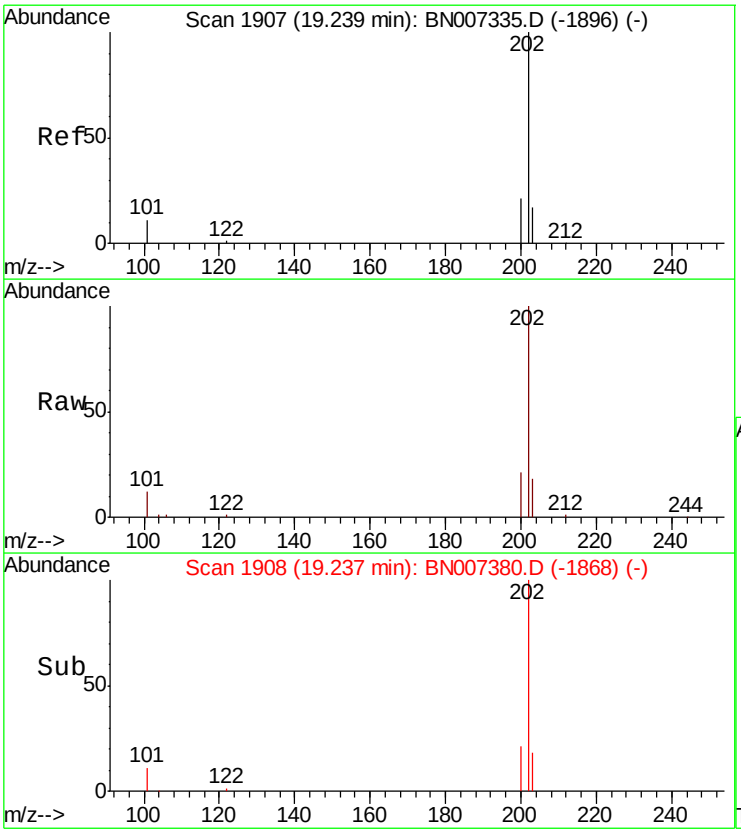
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:240 Resp: 23292

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.6	14.4#
236	26.9	22.2	33.2

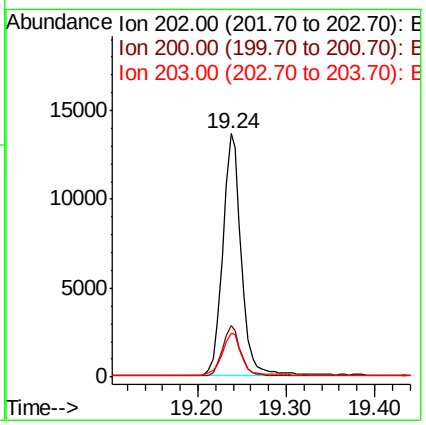


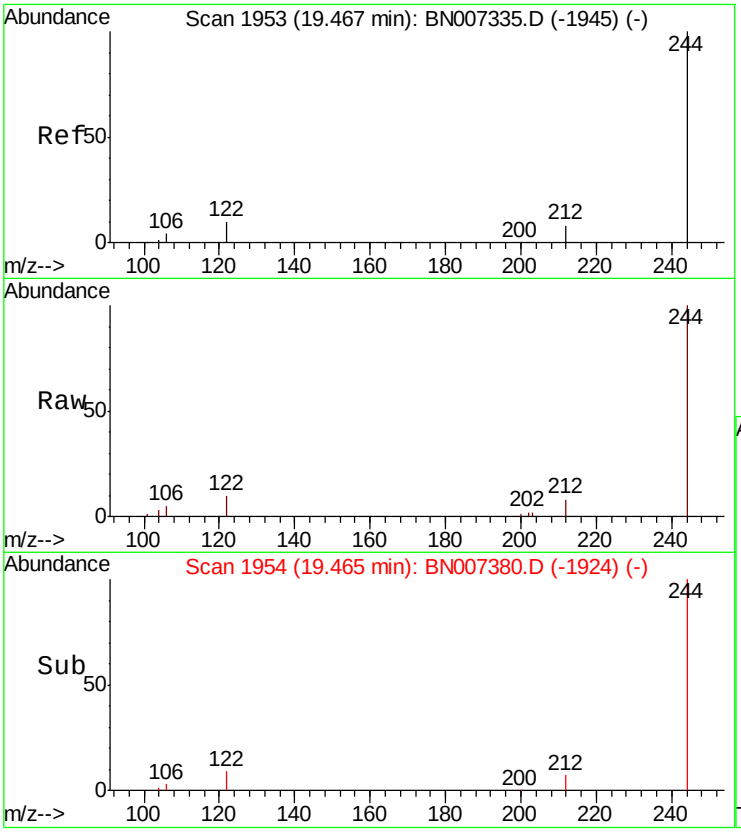


#28
Pyrene
Concen: 0.212 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:202 Resp: 19818

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	18.2	14.2	21.4



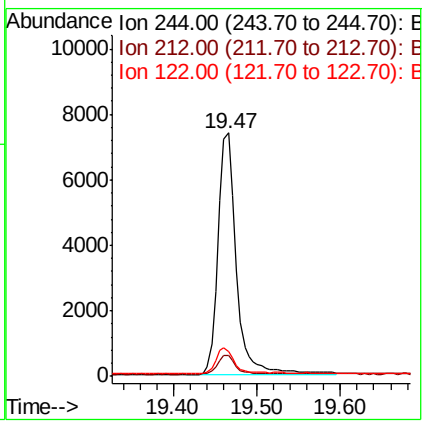


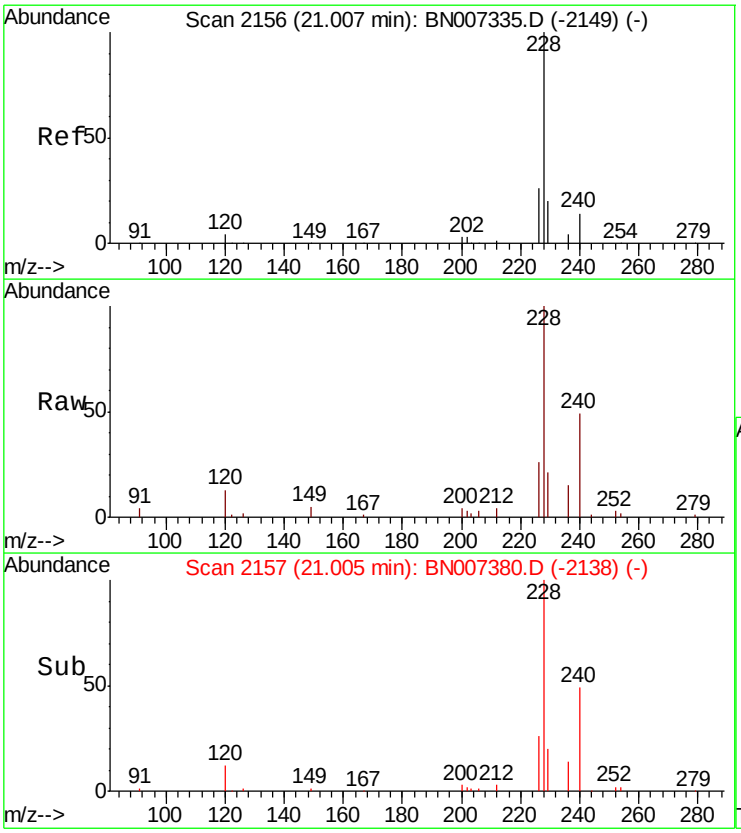
#29
Terphenyl-d14
Concen: 0.186 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:244 Resp: 11344

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.1	9.6	14.4

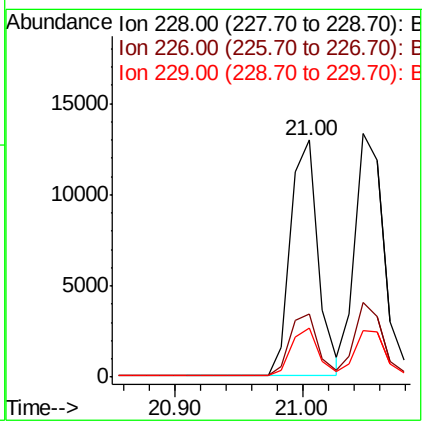


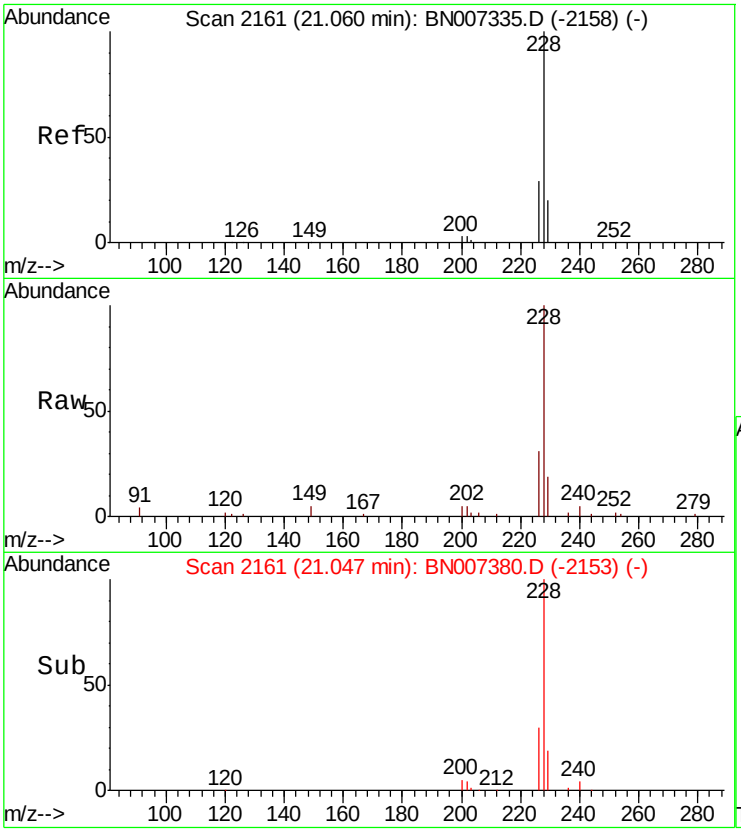


#30
Benzo(a)anthracene
Concen: 0.212 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:228 Resp: 19391

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.9	16.1	24.1



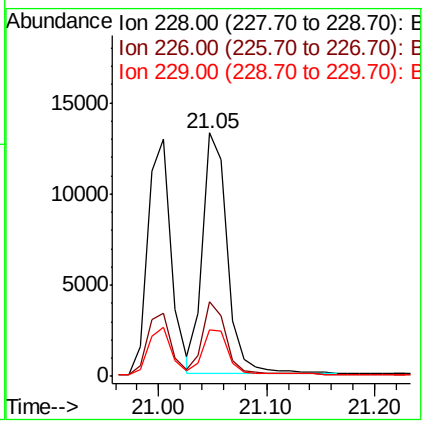


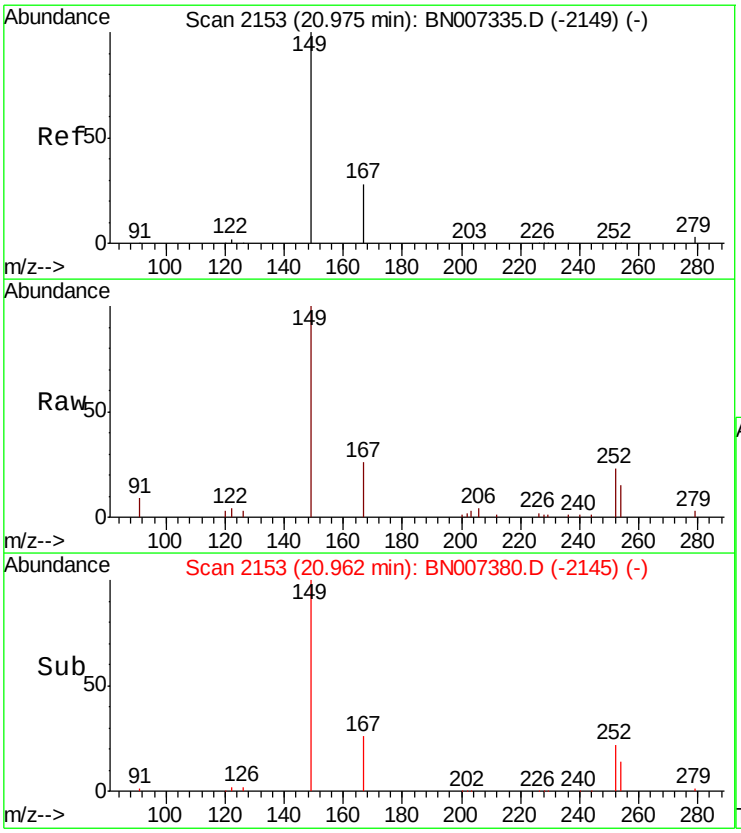
#31
Chrysene
Concen: 0.235 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:228 Resp: 20765

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.4	16.6	24.8

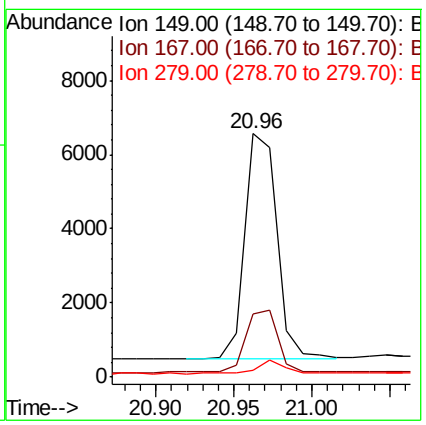


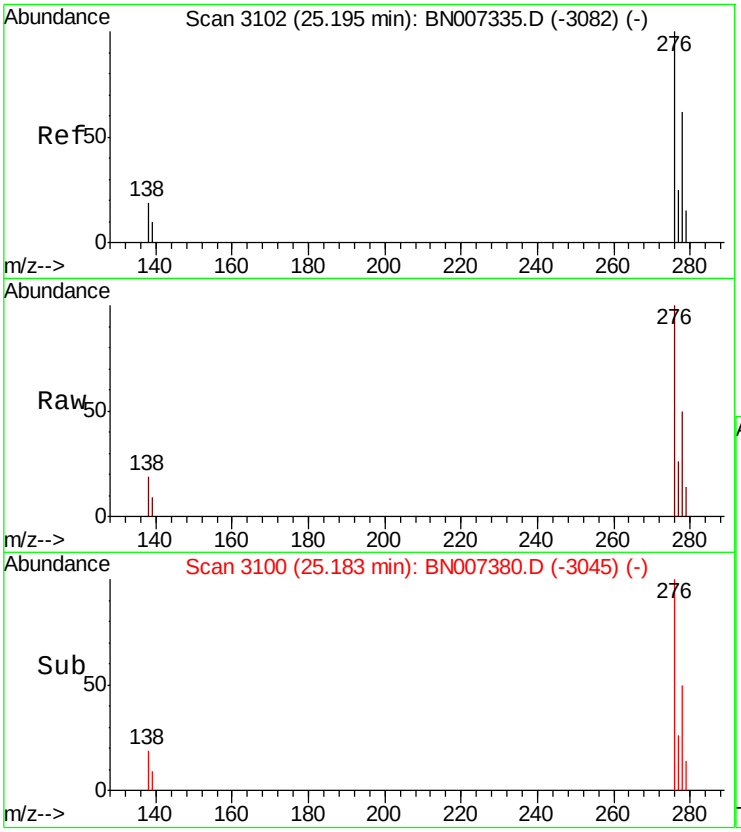


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:149 Resp: 8640

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.2	3.5	5.3



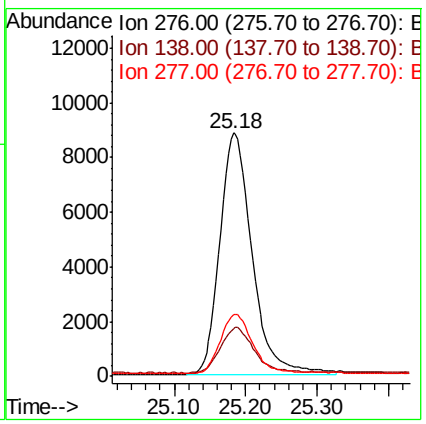


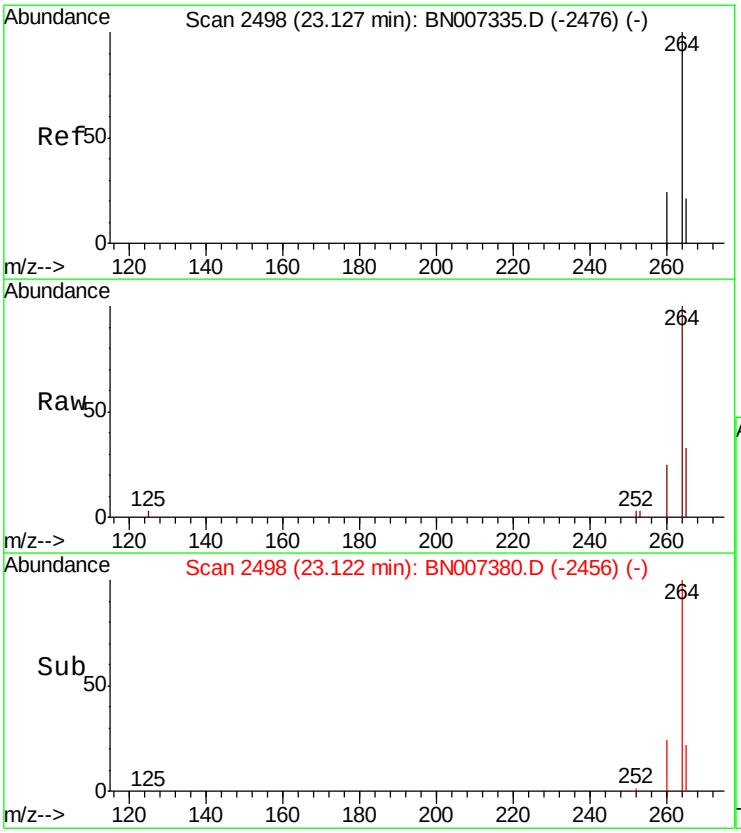
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:276 Resp: 27746

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.1	22.7
277	24.3	19.7	29.5

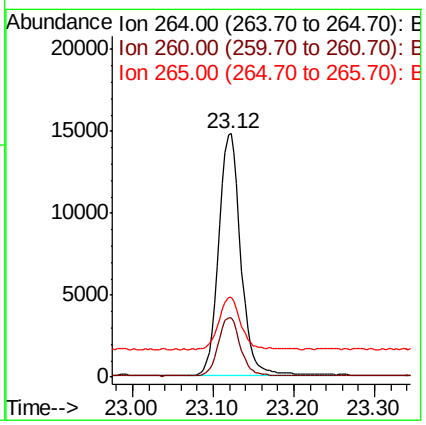


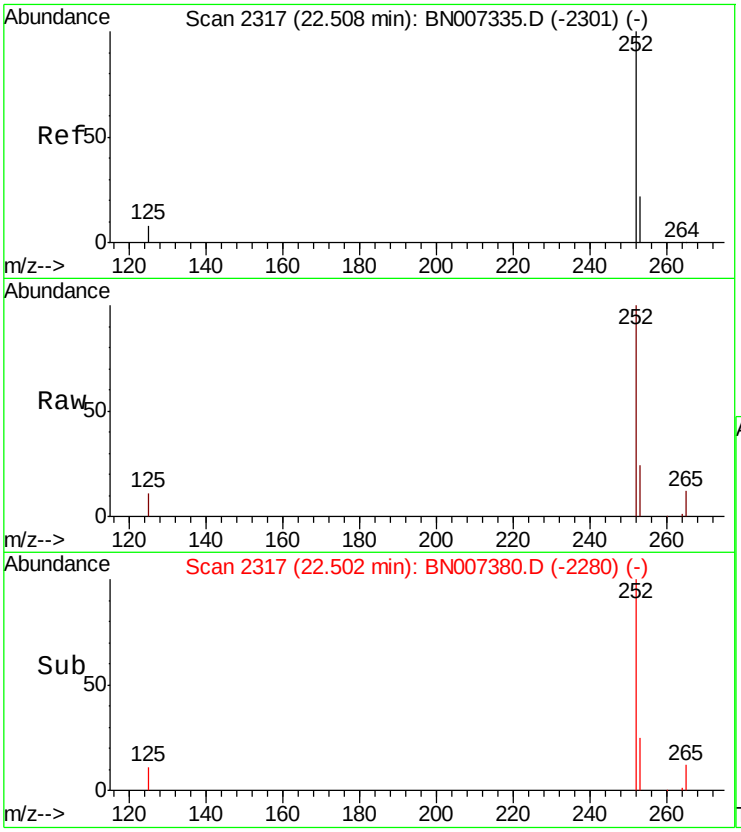


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:264 Resp: 28190

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	32.9	29.9	44.9



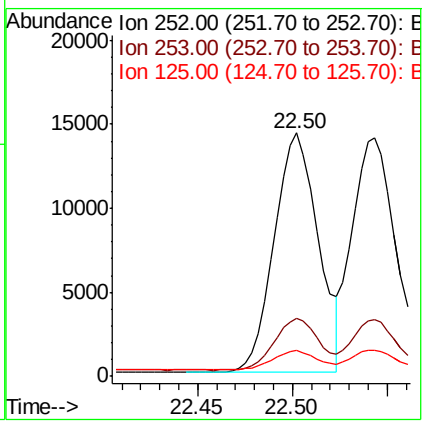


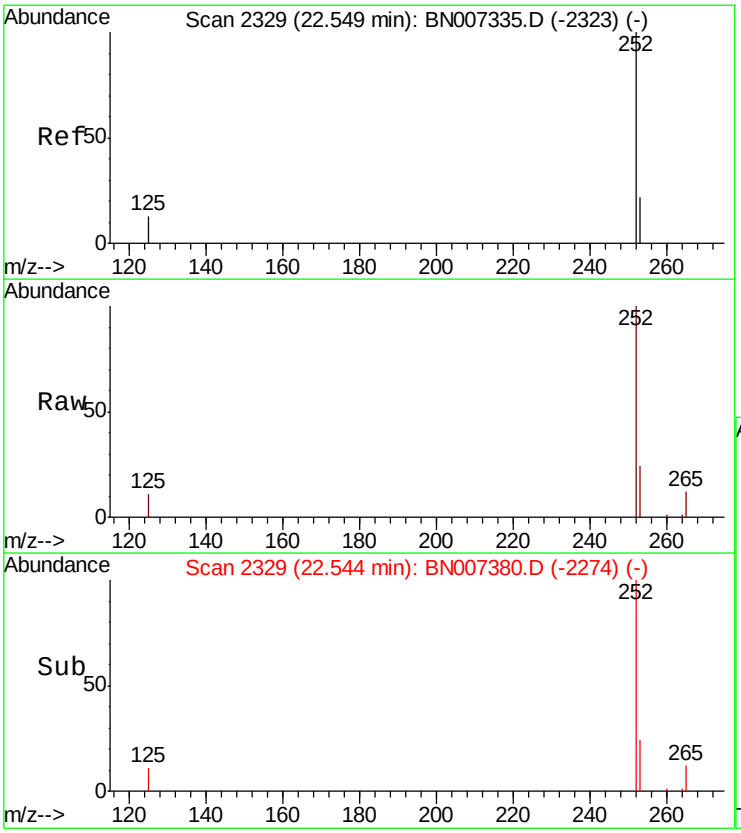
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:252 Resp: 22805

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.6	10.6	16.0

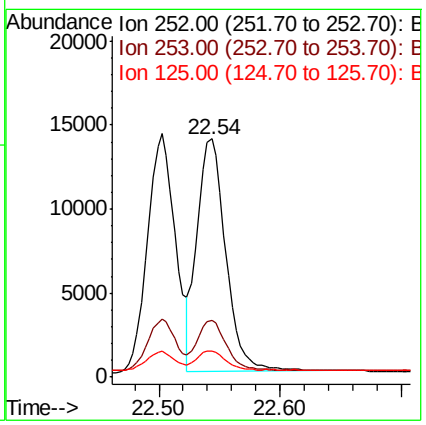


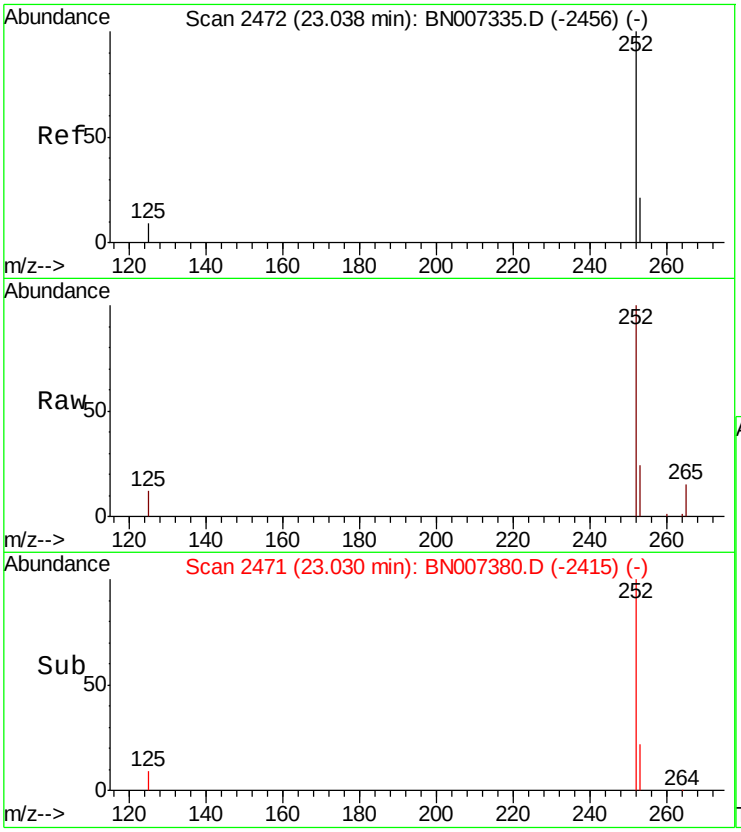


#36
Benzo(k)fluoranthene
Concen: 0.227 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:252 Resp: 22939

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	10.8	13.1	19.7#



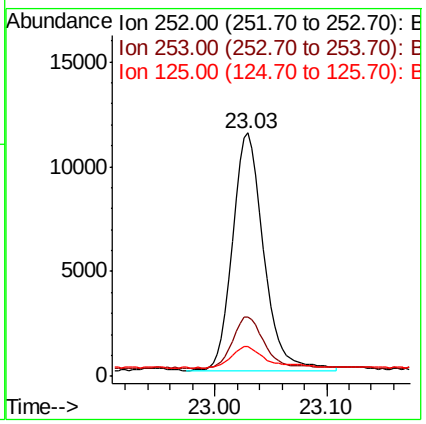


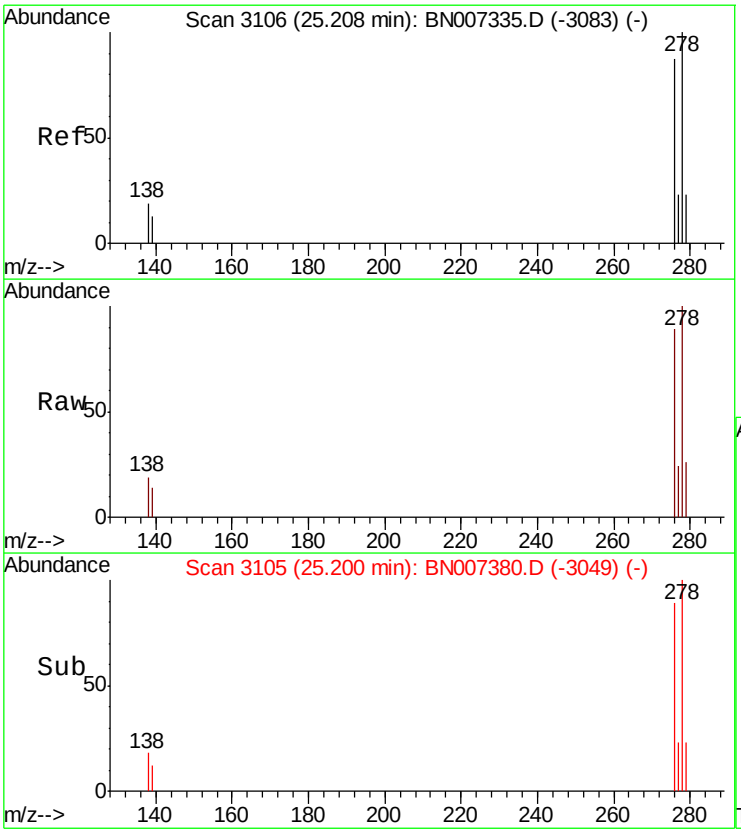
#37
Benzo(a)pyrene
Concen: 0.225 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:252 Resp: 21845

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	12.4	12.1	18.1

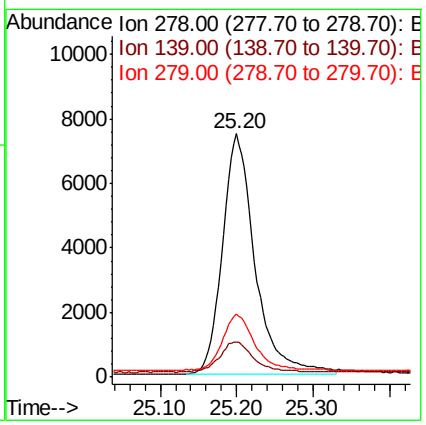


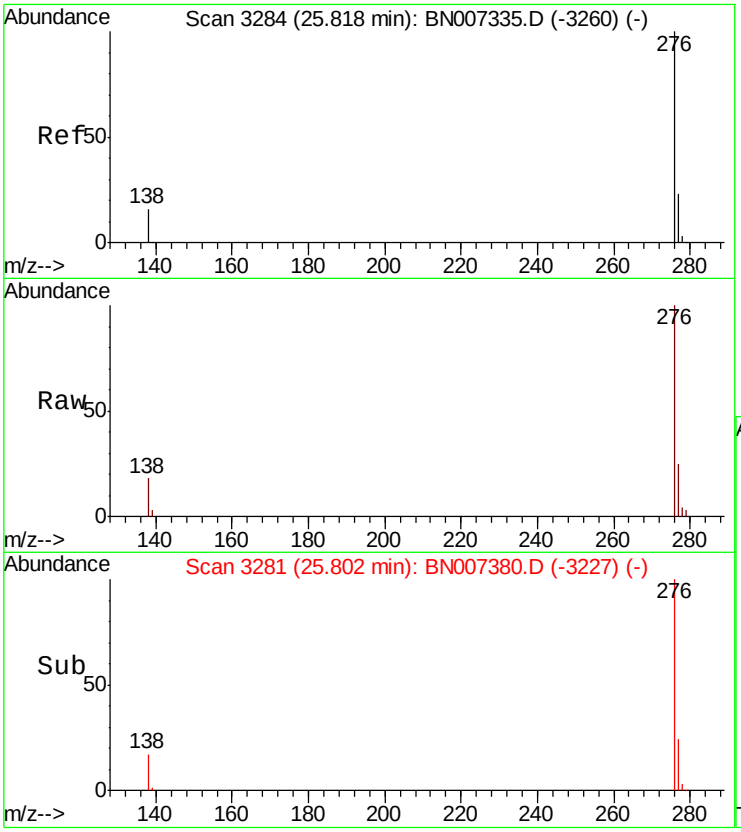


#38
Dibenzo(a,h)anthracene
Concen: 0.230 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:278 Resp: 22273

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.7	20.5
279	25.8	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.251 ng
RT: 25.80 min Scan# 3281
Delta R.T. -0.02 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:276 Resp: 24234

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	18.0	16.3	24.5