Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008842.D
Acq On : 04 Dec 2019 14:55
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Dec 04 15:42:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:04:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2982	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	12932	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	8783	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	18894	0.40	ng		0.00
27) Chrysene-d12	21.14	240	20492	0.40	ng		-0.01
34) Perylene-d12	23.30	264	22389	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	40839	3.98	ng		0.00
5) Phenol-d6	6.76	99	57823	3.95	ng		0.00
8) Nitrobenzene-d5	8.69	82	60258	5.33	ng		-0.01
11) 2-Methylnaphthalene-d10	11.92	152	110571	5.08	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	26615	5.56	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	170032	4.70	ng		0.00
25) Fluoranthene-d10	18.98	212	302035	4.74	ng		0.00
29) Terphenyl-d14	19.59	244	242856	4.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	14727	4.431	ng	#	100
3) n-Nitrosodimethylamine	3.49	42	22397	14.712	ng	#	100
6) bis(2-Chloroethyl)ether	7.01	93	51325	6.079	ng		97
9) Naphthalene	10.38	128	176284	4.857	ng		99
10) Hexachlorobutadiene	10.67	225	33934	4.439	ng	#	99
12) 2-Methylnaphthalene	12.00	142	130225	5.309	ng		99
16) Acenaphthylene	13.91	152	222446	4.775	ng		100
17) Acenaphthene	14.26	154	135714	4.519	ng		99
18) Fluorene	15.25	166	180718	4.695	ng		100
20) 4-Bromophenyl-phenylether	16.15	248	58894	5.135	ng		97
21) Hexachlorobenzene	16.26	284	66063	5.269	ng		100
22) Pentachlorophenol	16.60	266	31722	6.862	ng		97
23) Phenanthrene	16.99	178	301218	5.118	ng		100
24) Anthracene	17.07	178	287407	5.407	ng		100
26) Fluoranthene	19.01	202	362386	4.952	ng		100
28) Pyrene	19.37	202	369645	5.289	ng		100
30) Benzo(a)anthracene	21.13	228	382188	5.065	ng		100
31) Chrysene	21.19	228	366570	4.984	ng		99
32) Bis(2-ethylhexyl)phthalate	21.09	149	236956	6.105	ng		100
33) Indeno(1,2,3-cd)pyrene	25.43	276	449196	4.878	ng		100
35) Benzo(b)fluoranthene	22.67	252	378995	4.876	ng	#	91
36) Benzo(k)fluoranthene	22.71	252	374856	4.877	ng	#	89
37) Benzo(a)pyrene	23.21	252	359939	4.928	ng	#	89
38) Dibenzo(a,h)anthracene	25.44	278	363468	4.863	ng		94
39) Benzo(g,h,i)perylene	26.07	276	372578	5.038	ng		97

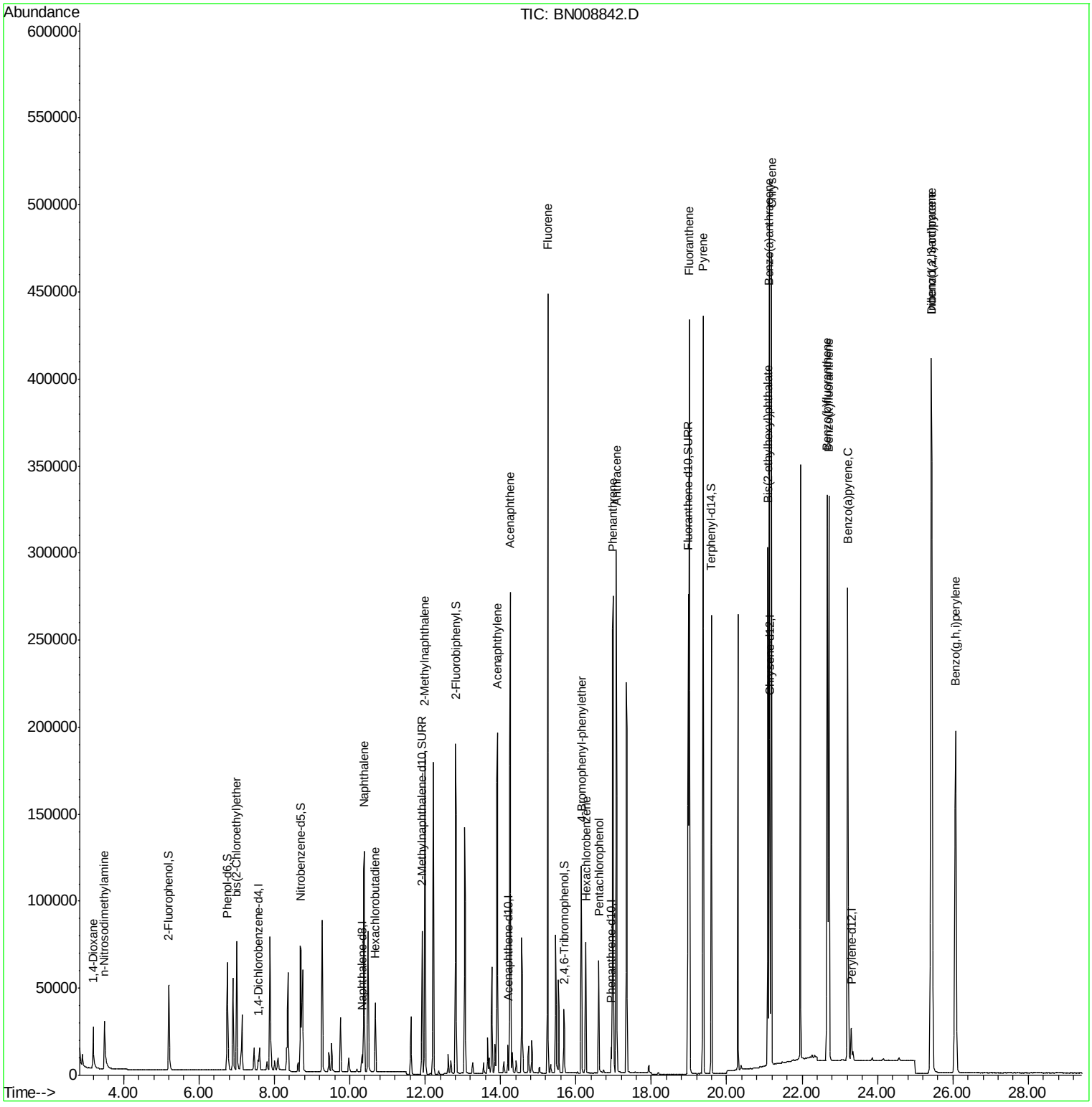
(#) = qualifier out of range (m) = manual integration (+) = signals summed

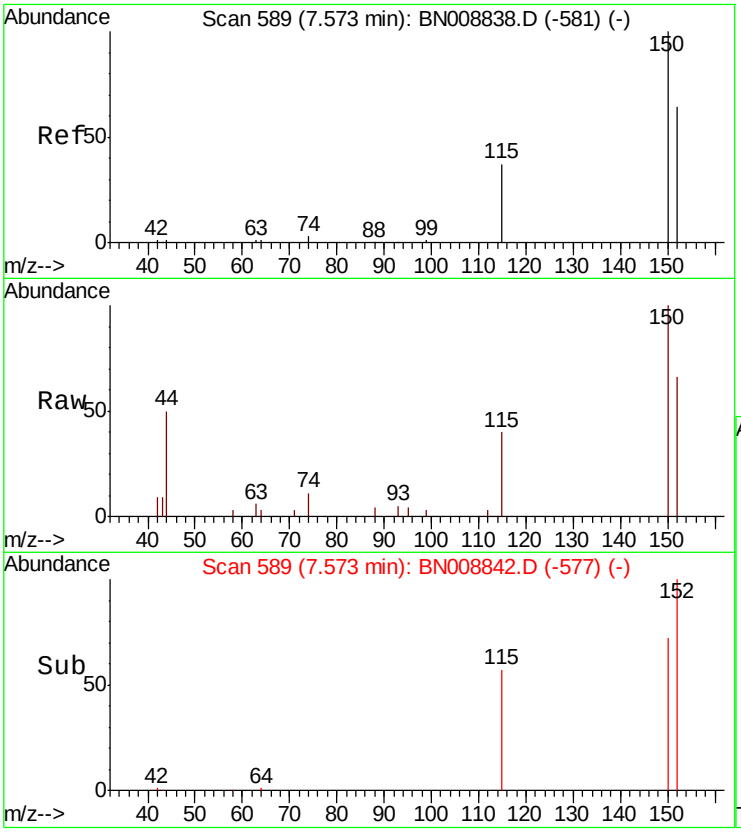
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008842.D
Acq On : 04 Dec 2019 14:55
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 04 15:42:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:04:21 2019
Response via : Initial Calibration



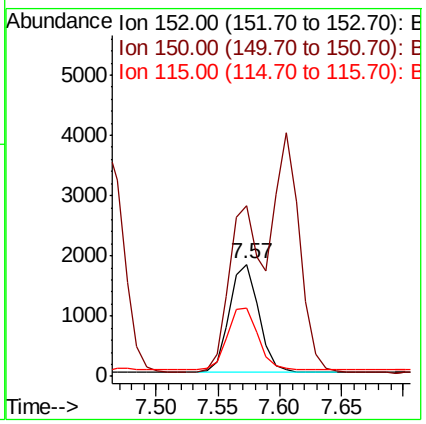


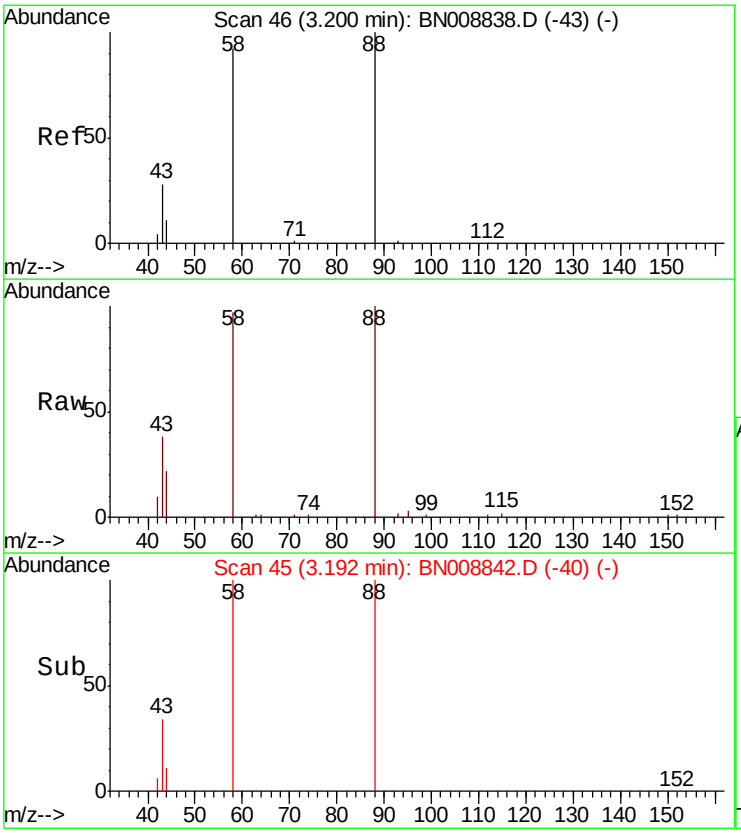
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2982

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.9	185.9
115	61.5	49.9	74.9

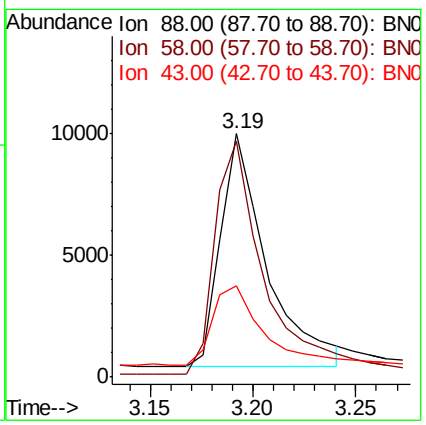


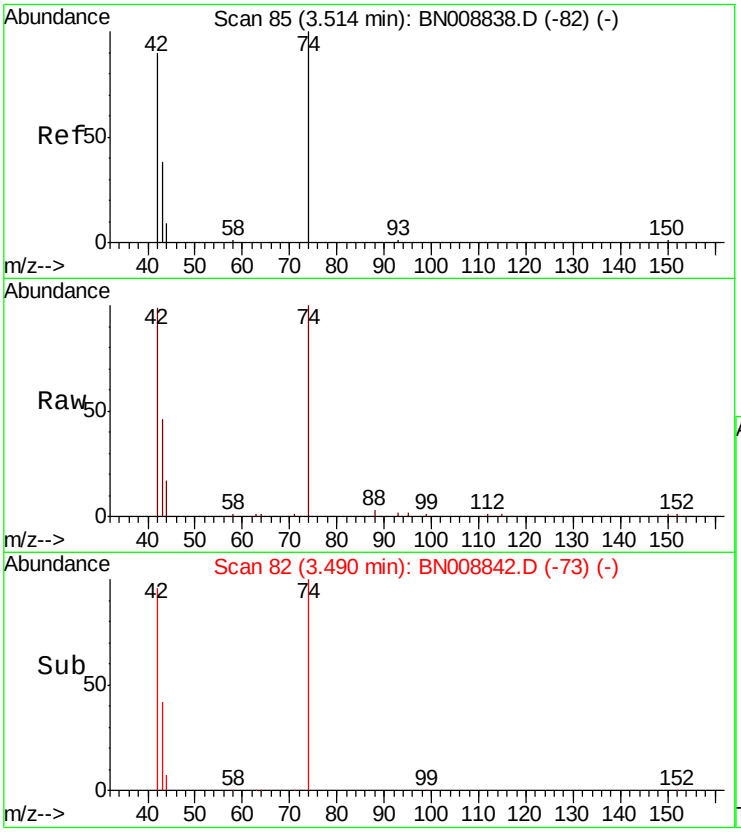


#2
1,4-Dioxane
Concen: 4.431 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion: 88 Resp: 14727

Ion	Ratio	Lower	Upper
88	100		
58	105.1	0.0	0.0#
43	37.0	0.0	0.0#



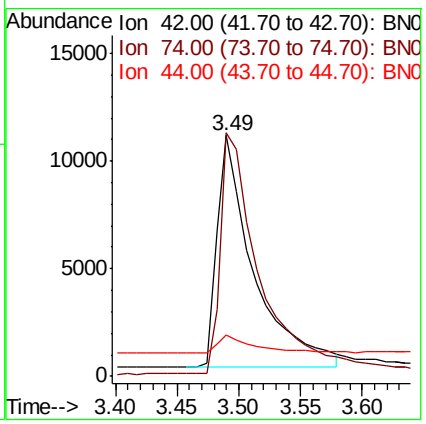


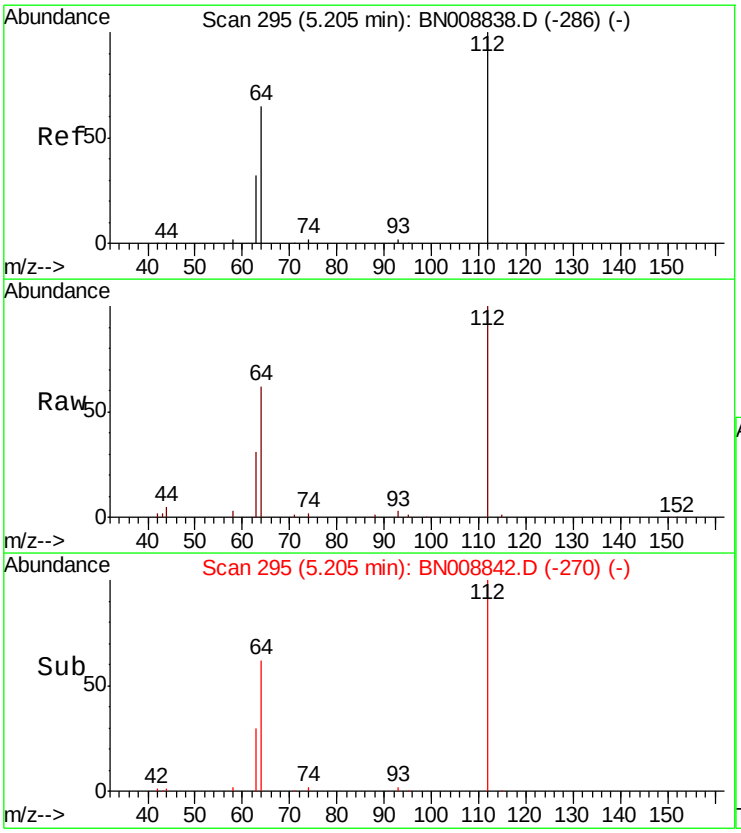
#3
n-Nitrosodimethylamine
Concen: 14.712 ng
RT: 3.49 min Scan# 82
Delta R.T. -0.02 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 22397

Ion	Ratio	Lower	Upper
42	100		
74	109.2	0.0	0.0#
44	7.9	0.0	0.0#

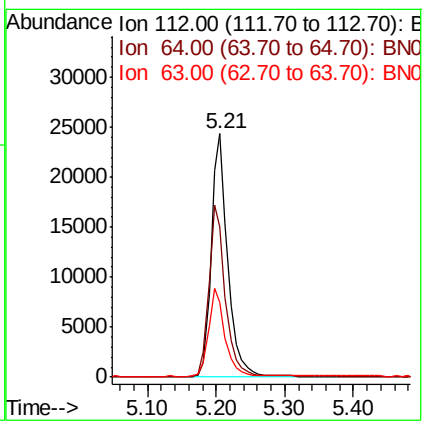


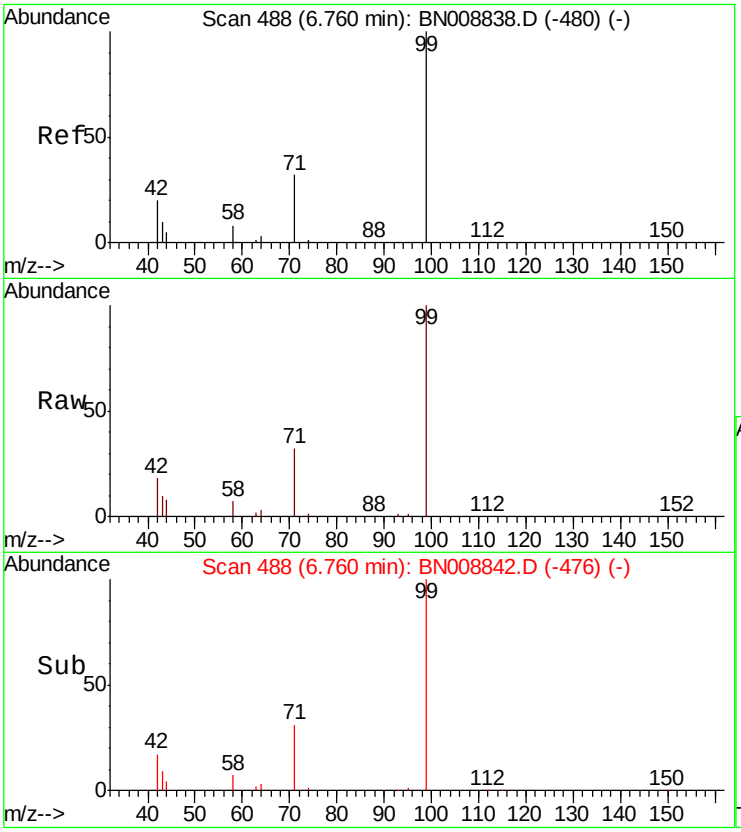


#4
2-Fluorophenol
Concen: 3.979 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:112 Resp: 40839

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.3	84.5
63	36.0	28.2	42.2



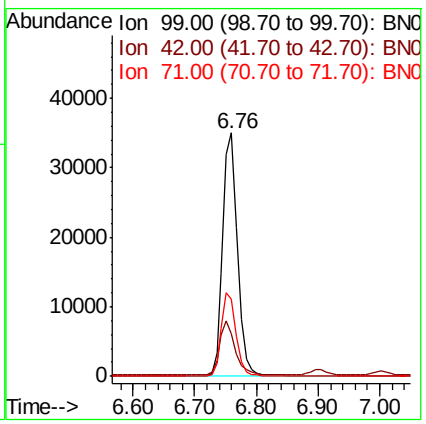


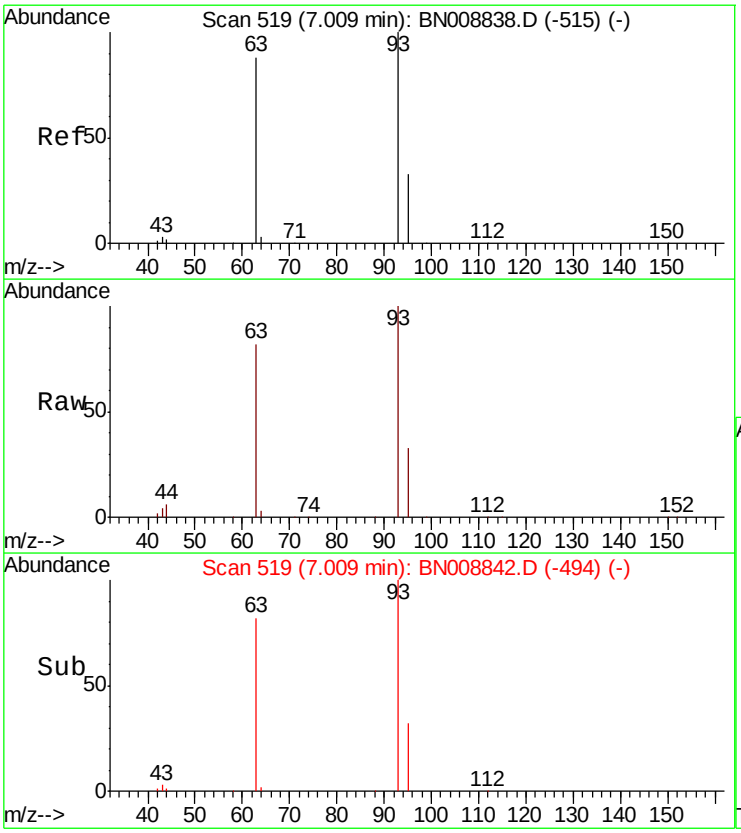
#5
Phenol-d6
Concen: 3.954 ng
RT: 6.76 min Scan# 488
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 57823

Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.1	27.1
71	34.1	26.6	40.0

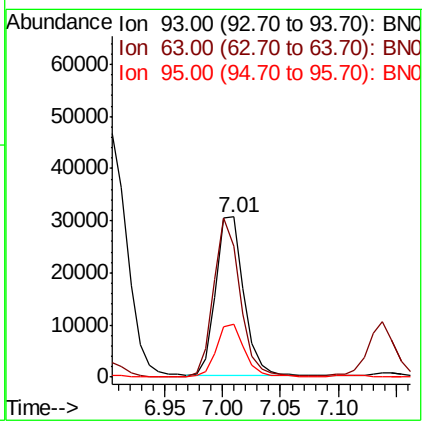


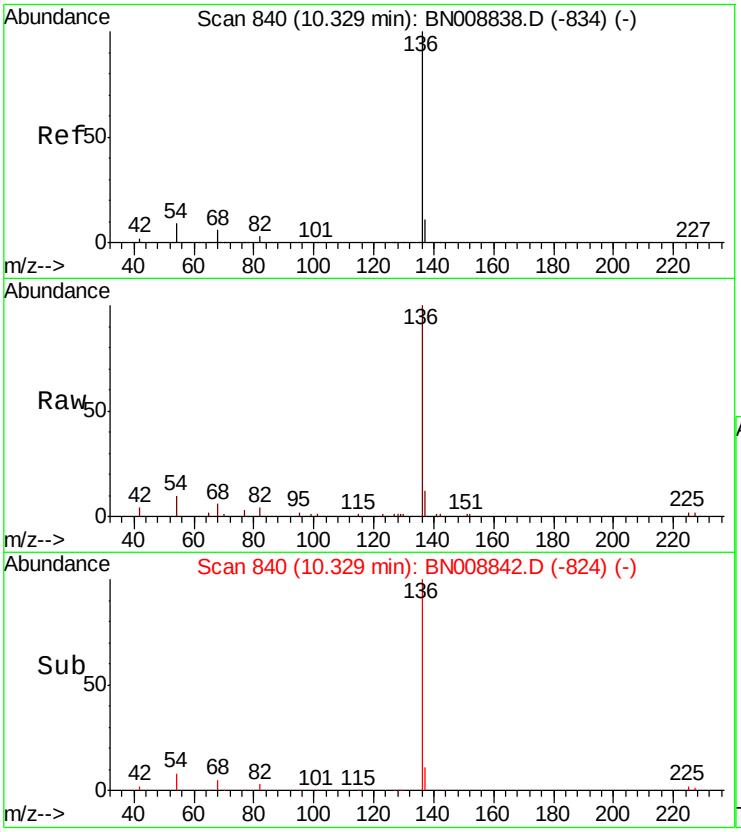


#6
bis(2-Chloroethyl)ether
Concen: 6.079 ng
RT: 7.01 min Scan# 519
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion: 93 Resp: 51325

Ion	Ratio	Lower	Upper
93	100		
63	93.3	72.1	108.1
95	32.5	25.7	38.5



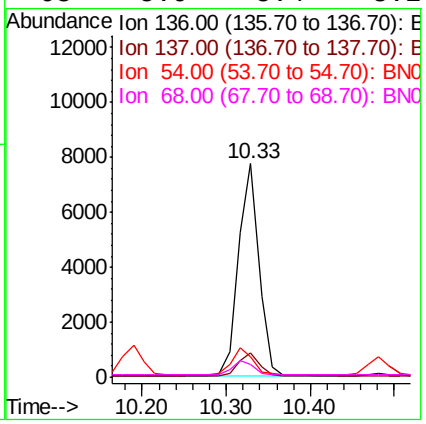


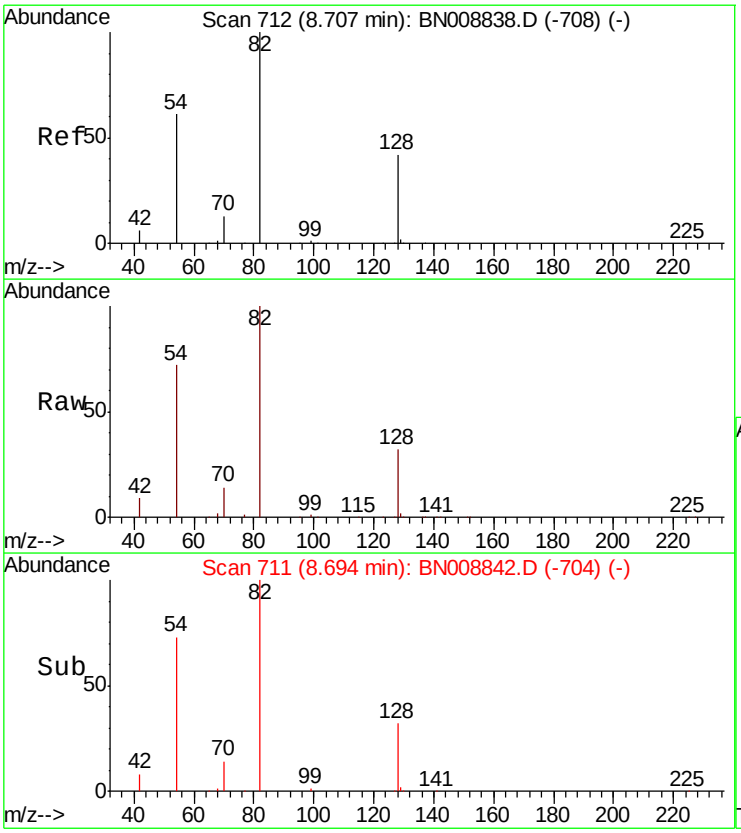
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 12932

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.5	8.2	12.2
68	5.9	5.4	8.2

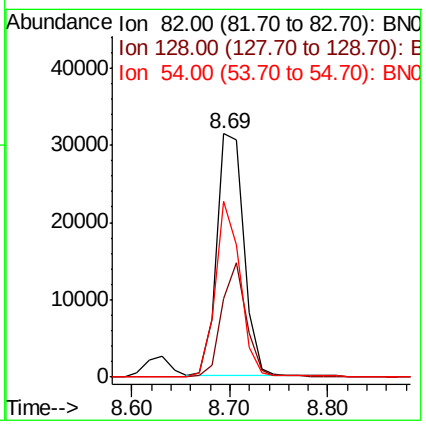


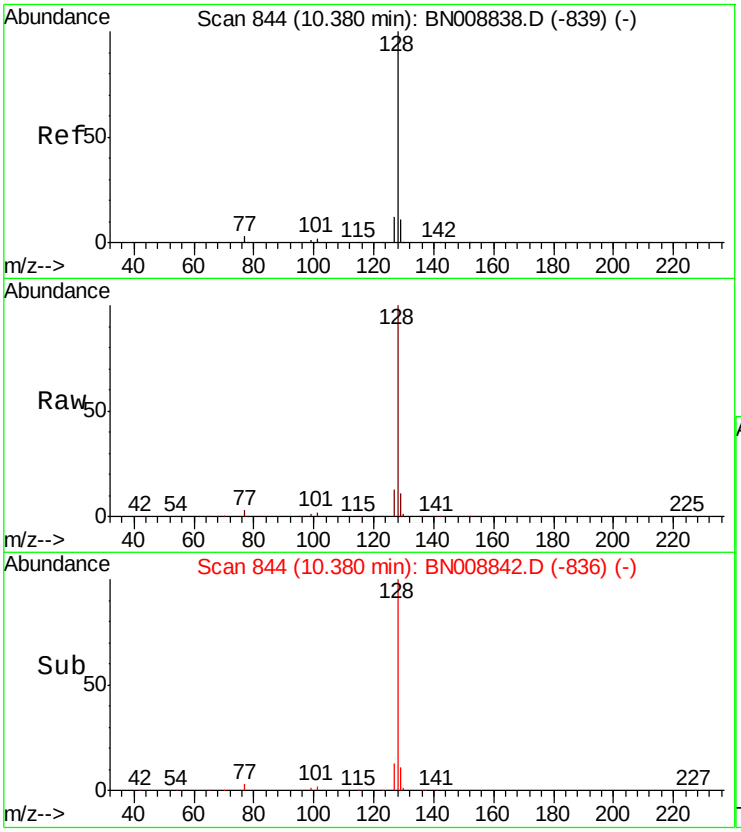


#8
Nitrobenzene-d5
Concen: 5.327 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.01 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion: 82 Resp: 60258

Ion	Ratio	Lower	Upper
82	100		
128	32.2	35.0	52.6#
54	72.0	50.2	75.2



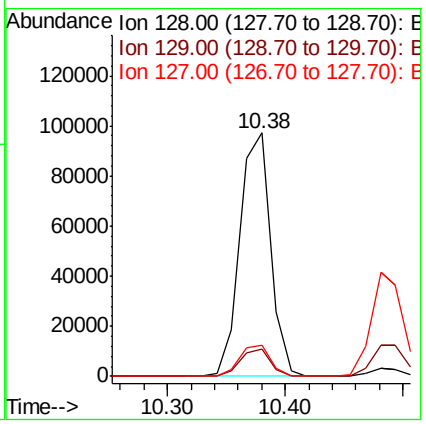


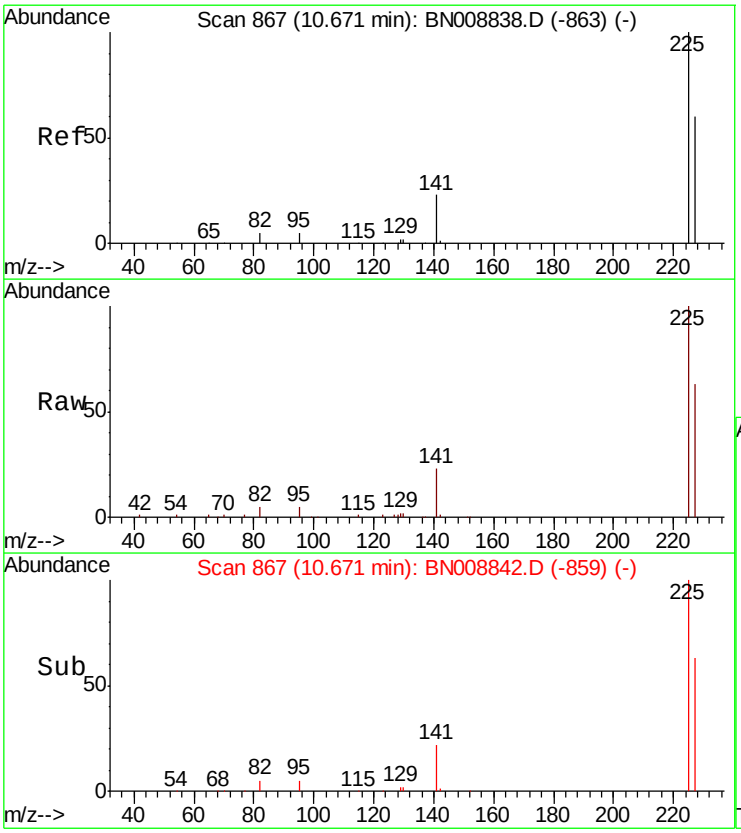
#9
Naphthalene
Concen: 4.857 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 176284

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.6	10.5	15.7

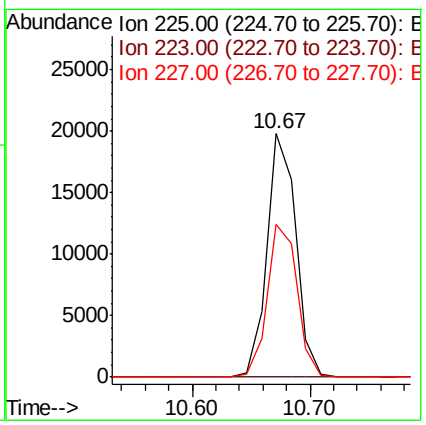


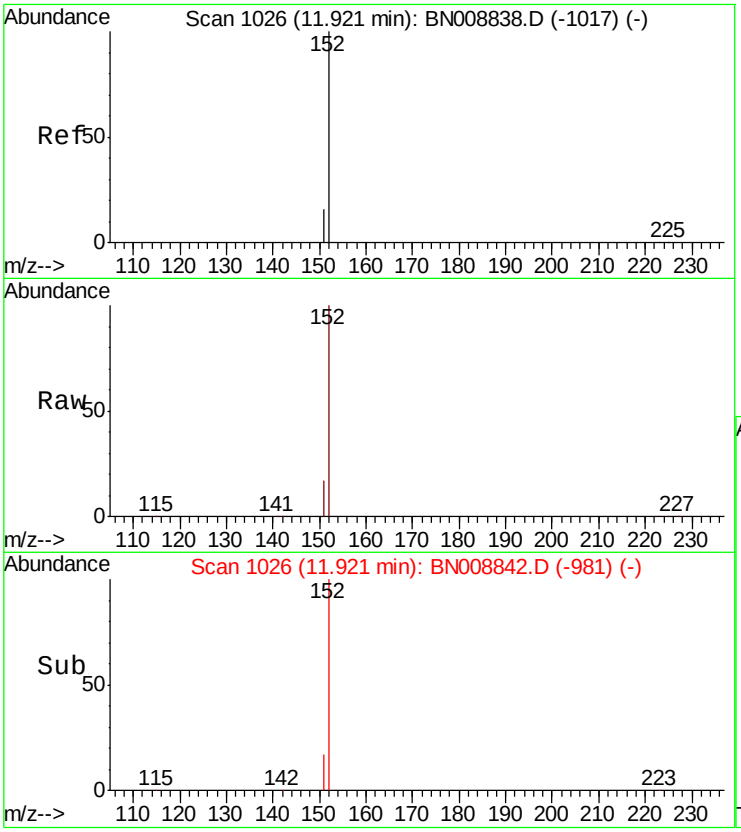


#10
Hexachlorobutadiene
Concen: 4.439 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:225 Resp: 33934

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.9	76.3



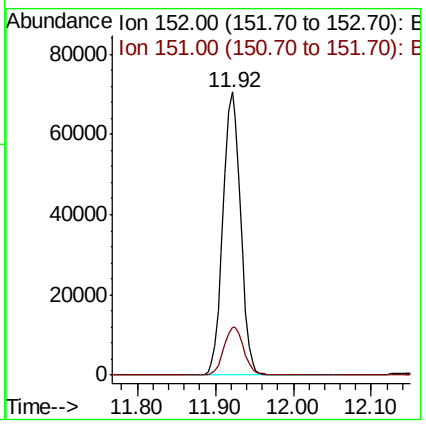


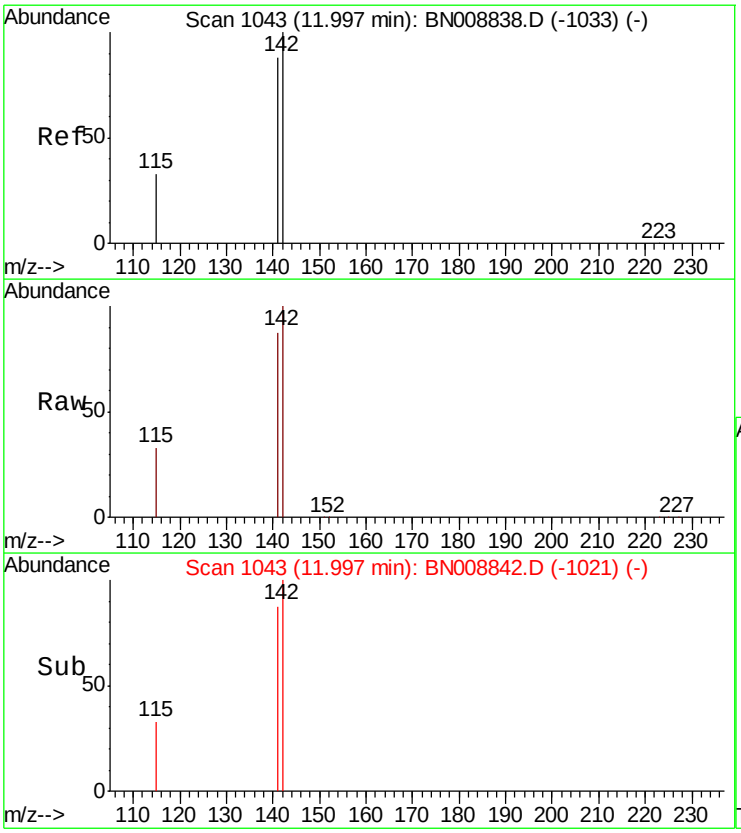
#11
2-Methylnaphthalene-d10
Concen: 5.075 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 110571

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

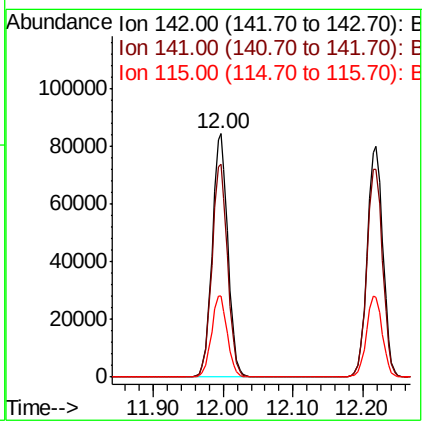


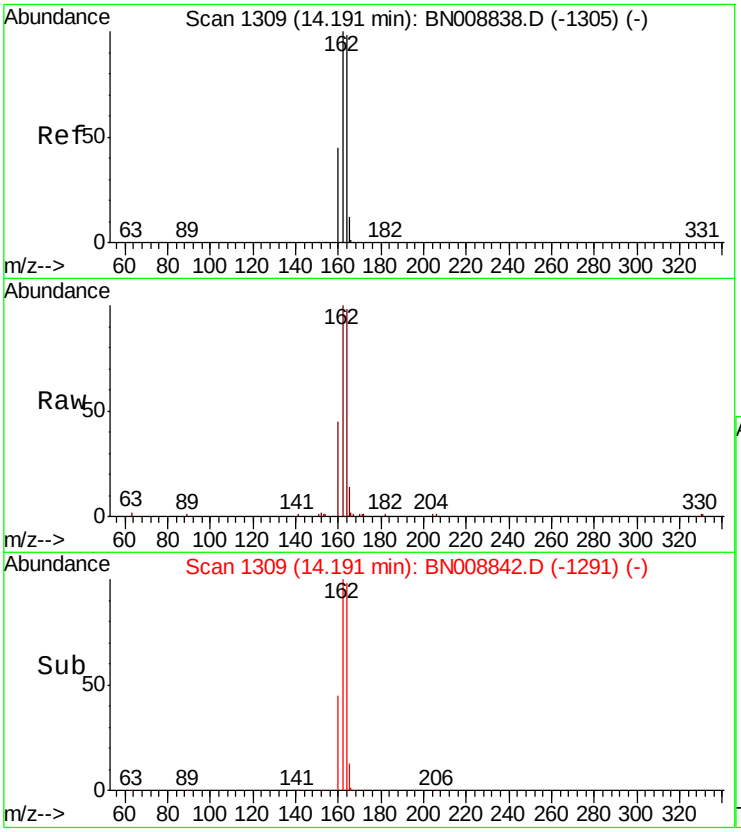


#12
2-Methylnaphthalene
Concen: 5.309 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:142 Resp: 130225

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.4
115	33.2	27.6	41.4



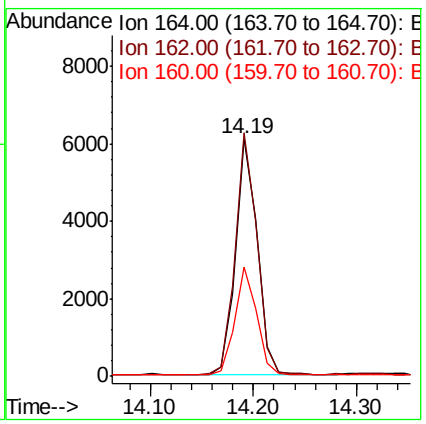


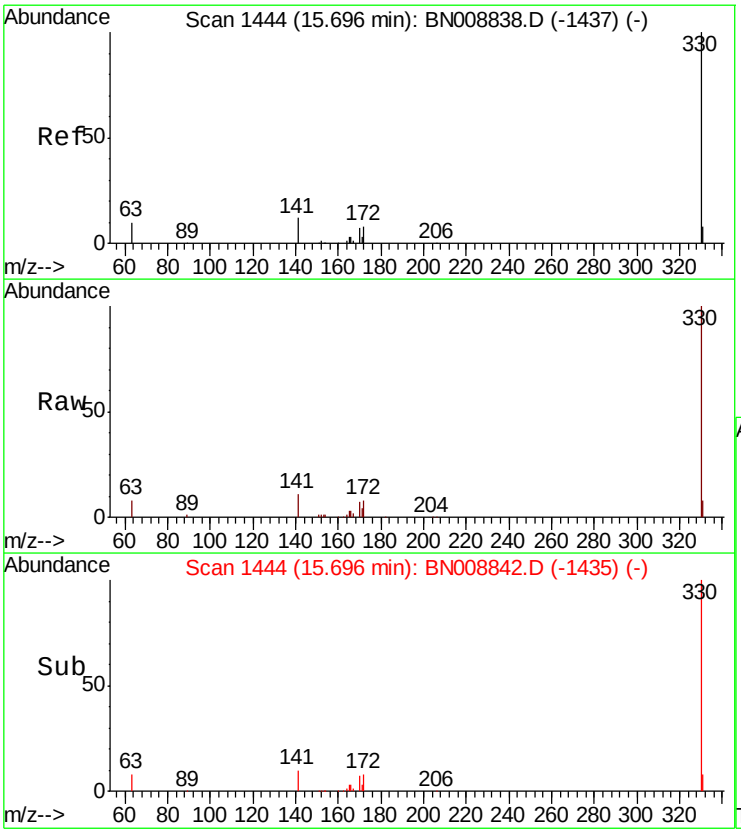
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 8783

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	46.1	37.4	56.2

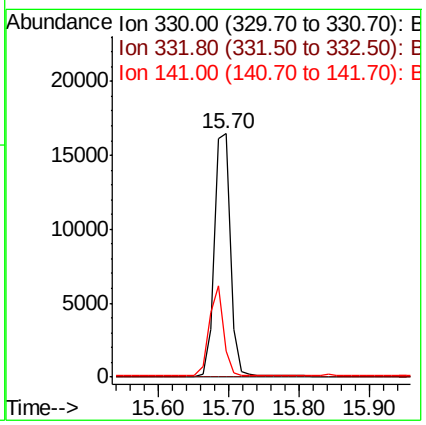


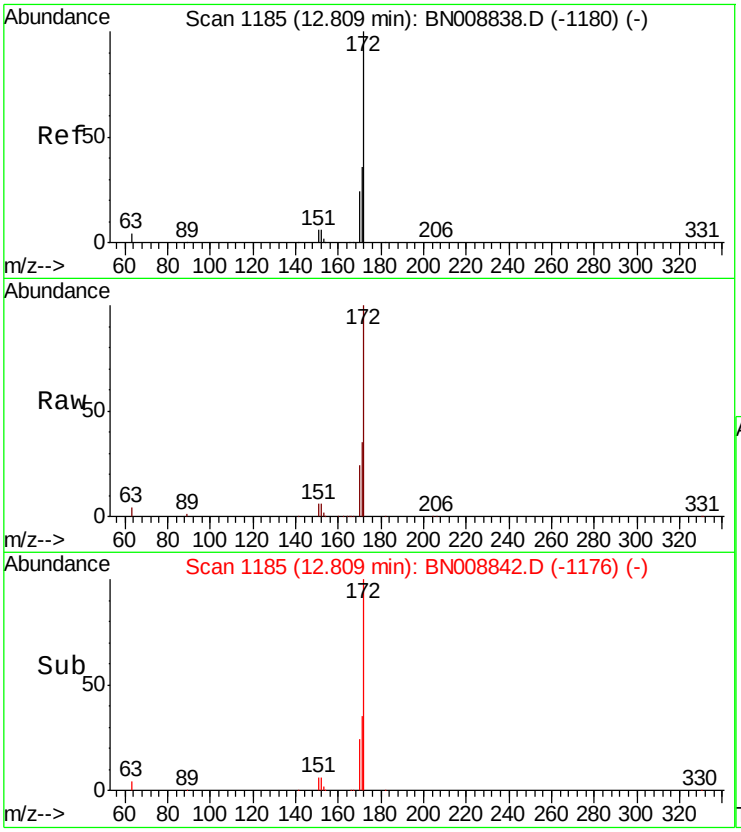


#14
2,4,6-Tribromophenol
Concen: 5.564 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:330 Resp: 26615

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.0	26.2	39.4



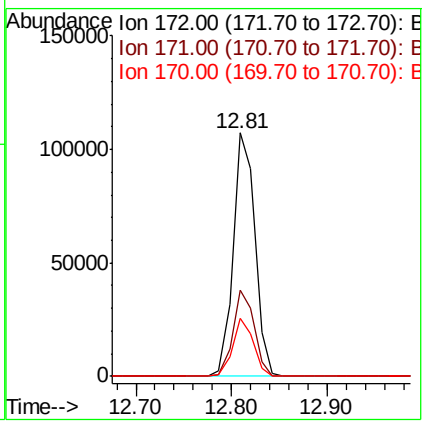


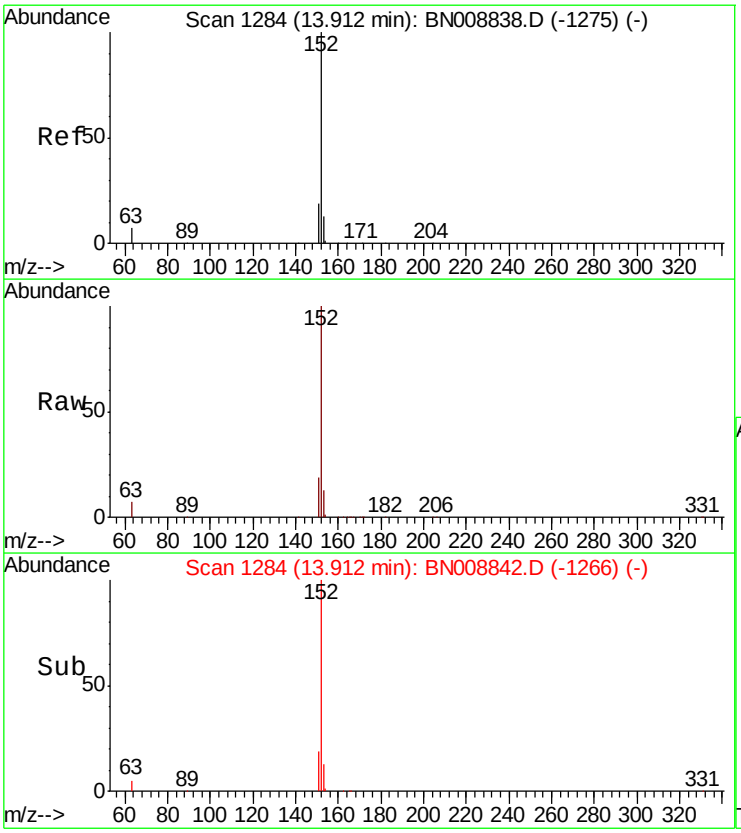
#15
2-Fluorobiphenyl
Concen: 4.700 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 170032

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.6	19.7	29.5

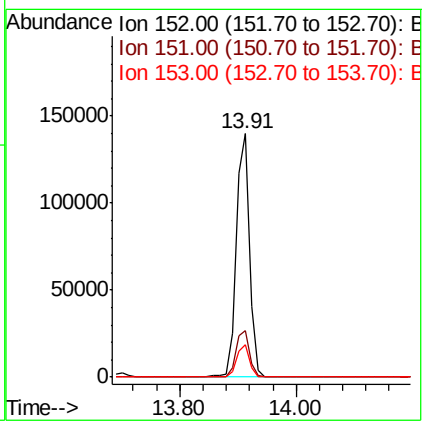


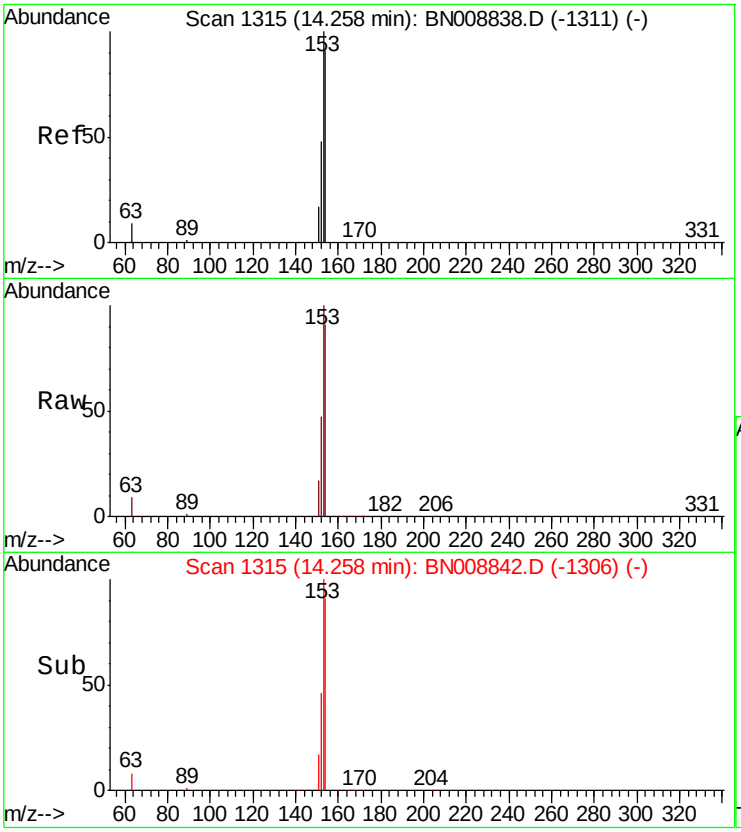


#16
Acenaphthylene
Concen: 4.775 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:152 Resp: 222446

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.4	15.6



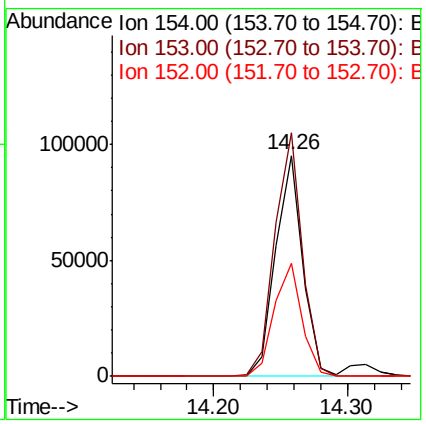


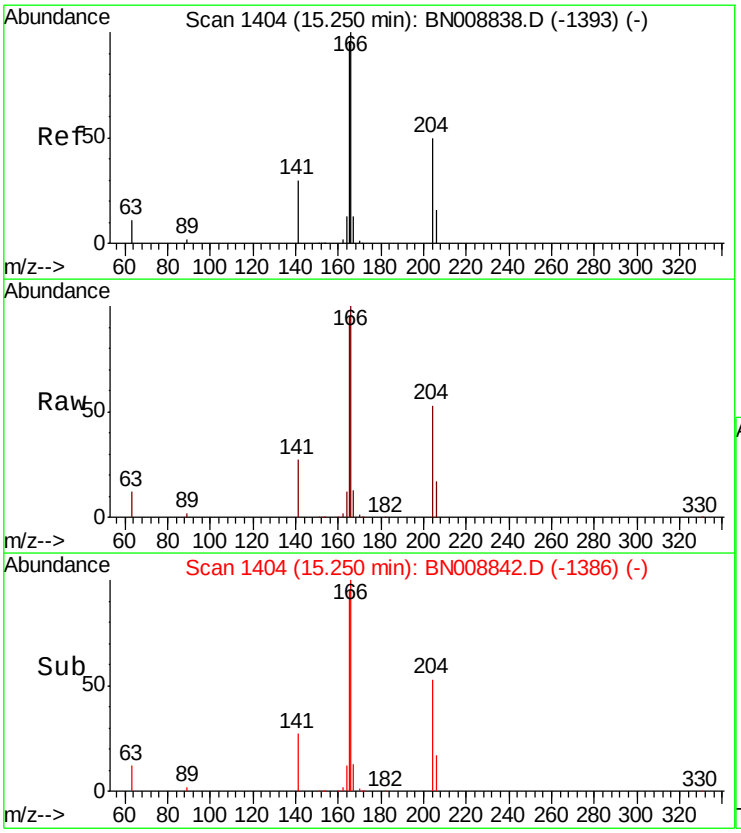
#17
Acenaphthene
Concen: 4.519 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 135714

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.4	134.2
152	52.9	43.8	65.8

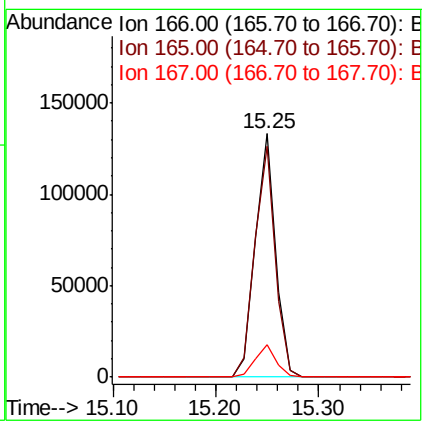


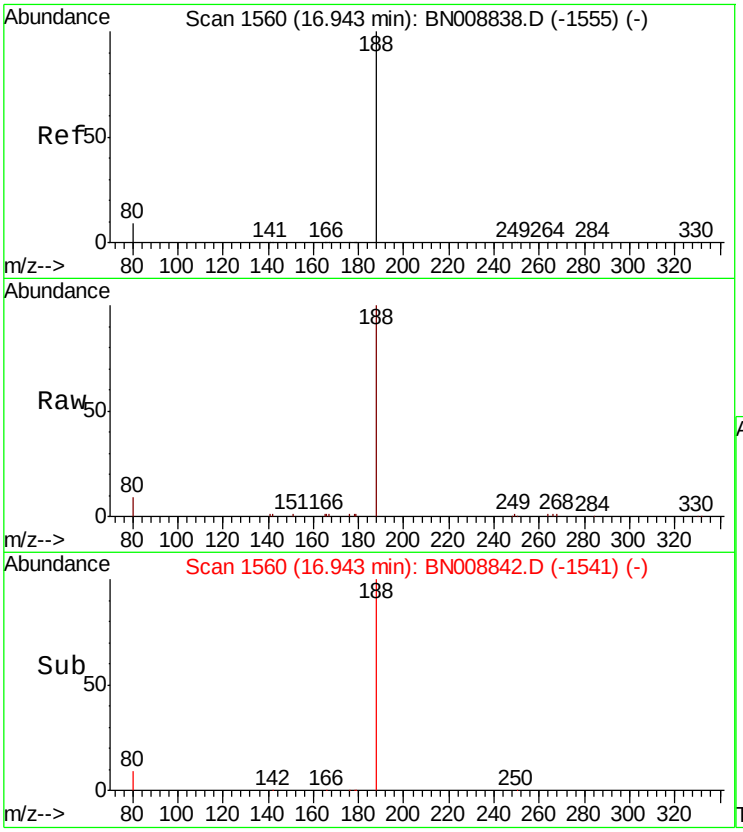


#18
Fluorene
Concen: 4.695 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:166 Resp: 180718

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.4	10.8	16.2



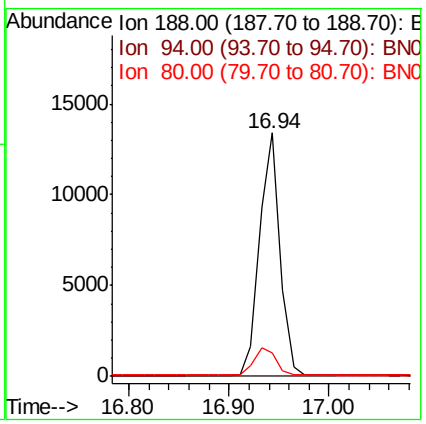


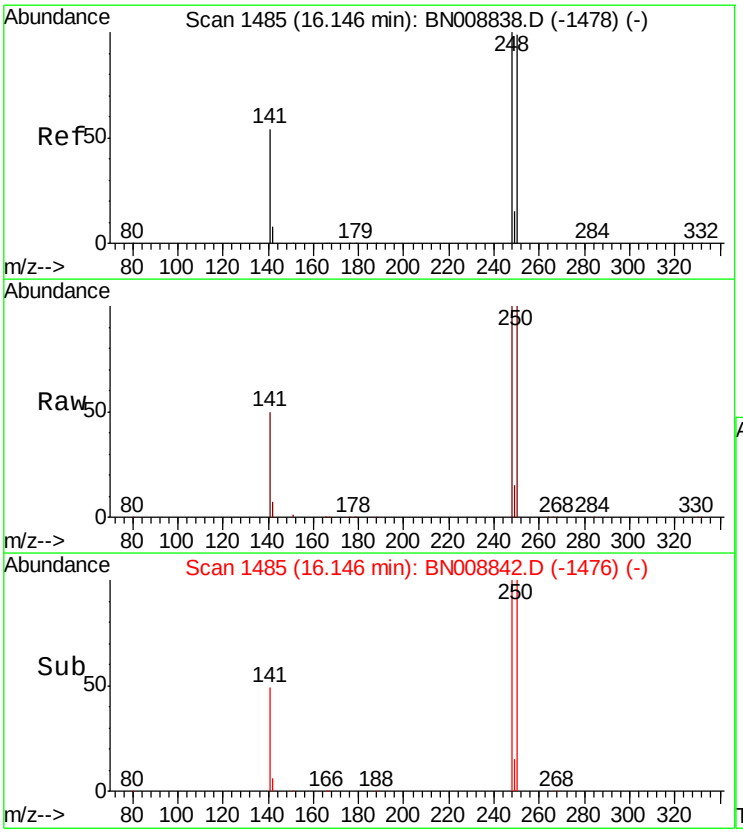
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 18894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

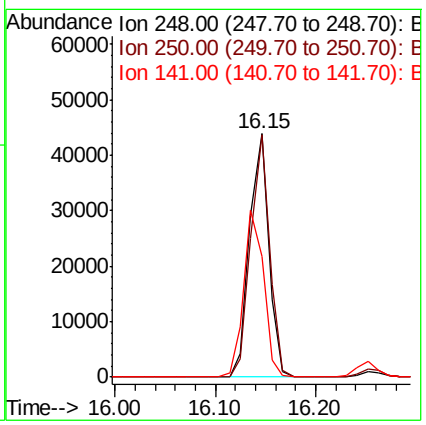


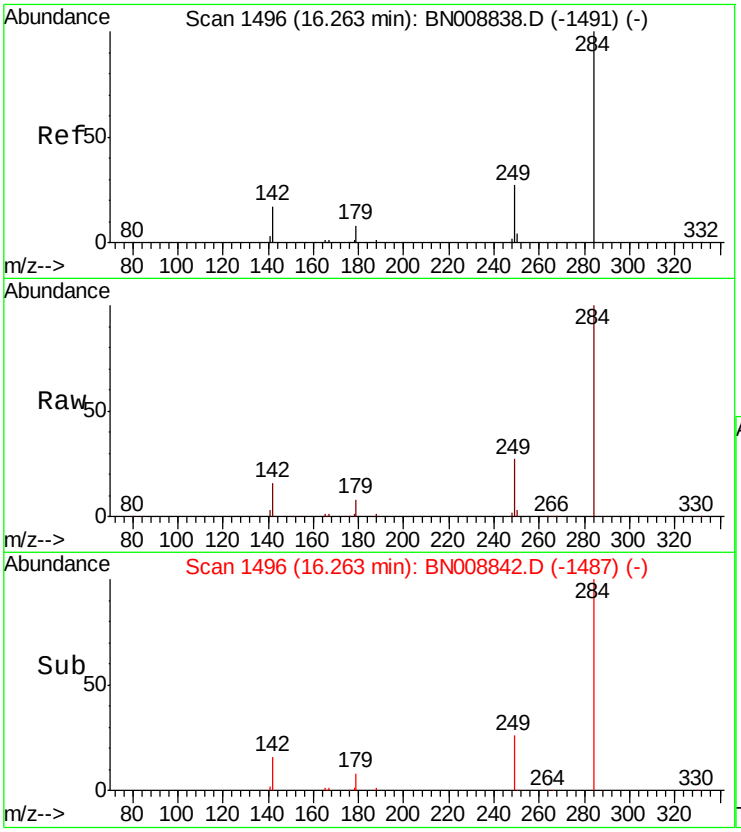


#20
4-Bromophenyl-phenylether
Concen: 5.135 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:248 Resp: 58894

Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.7	119.5
141	49.5	44.7	67.1



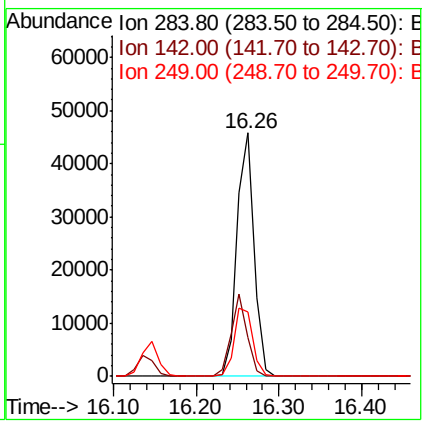


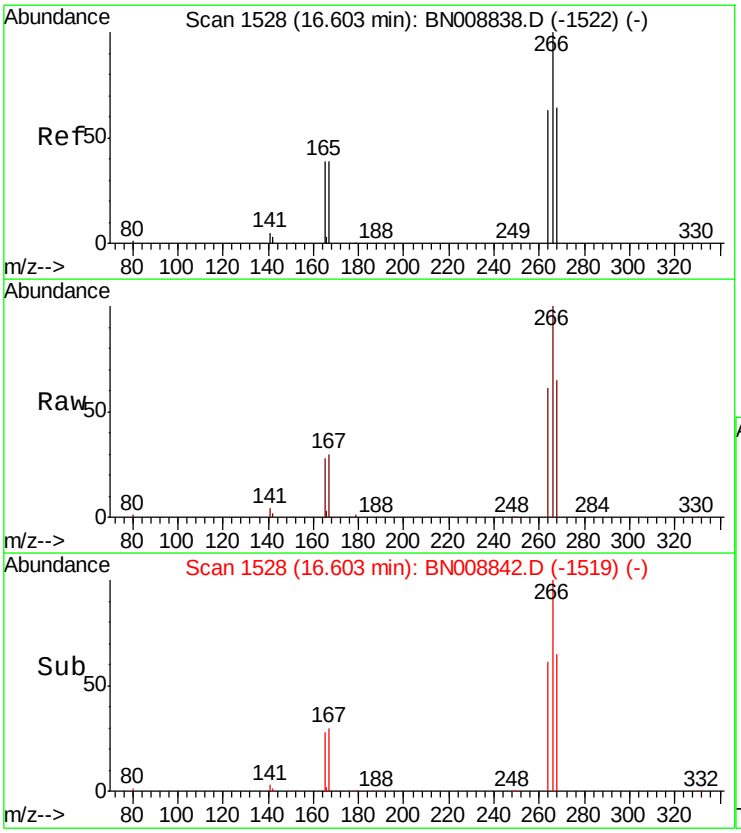
#21
Hexachlorobenzene
Concen: 5.269 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 66063

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.4	38.0
249	30.6	24.3	36.5

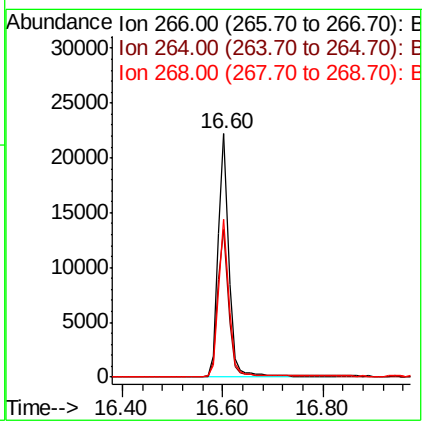


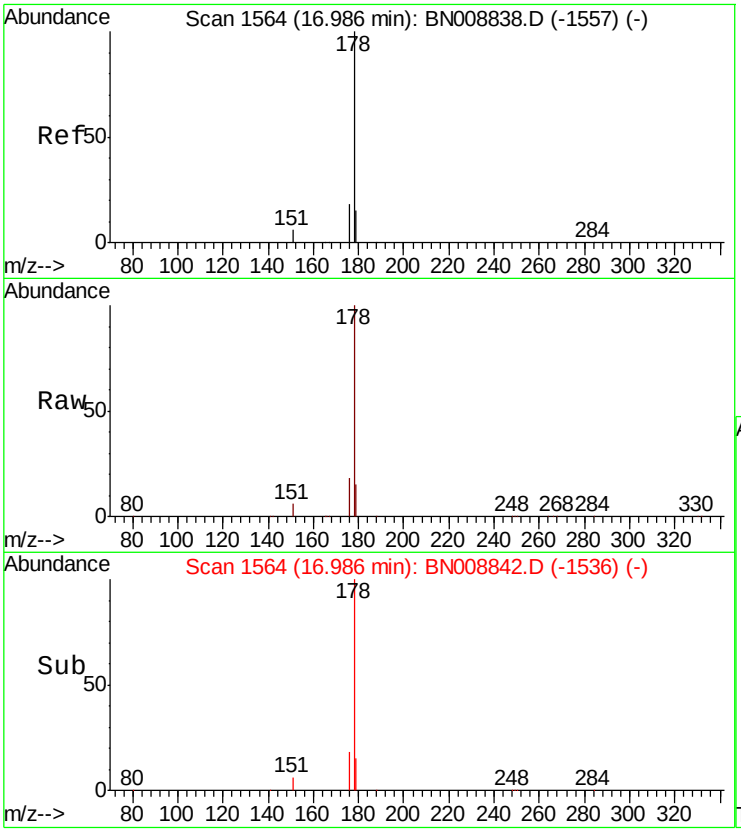


#22
Pentachlorophenol
Concen: 6.862 ng
RT: 16.60 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:266 Resp: 31722

Ion	Ratio	Lower	Upper
266	100		
264	60.8	51.0	76.4
268	65.1	53.7	80.5



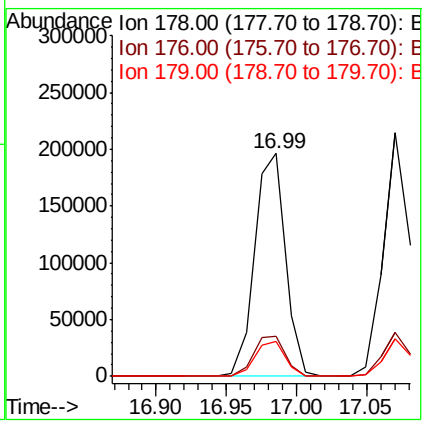


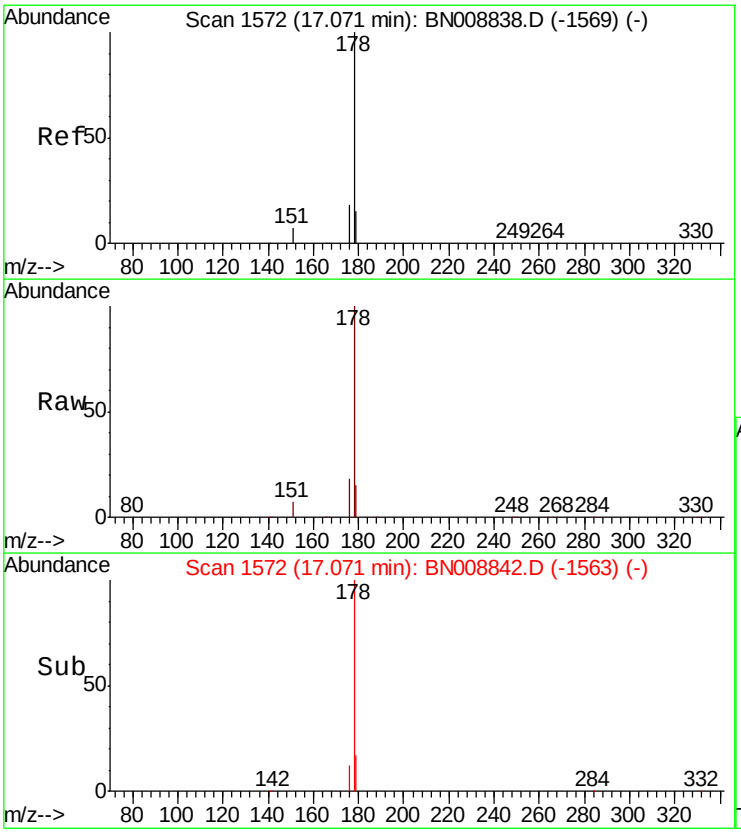
#23
Phenanthrene
Concen: 5.118 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 301218

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.2	18.2

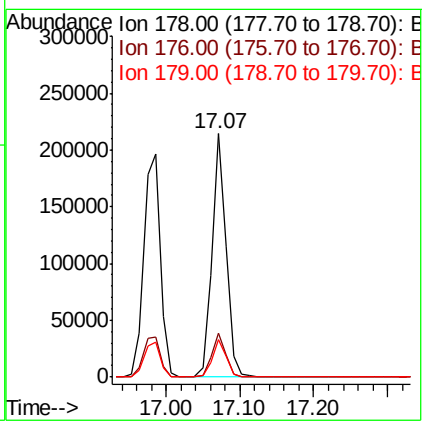


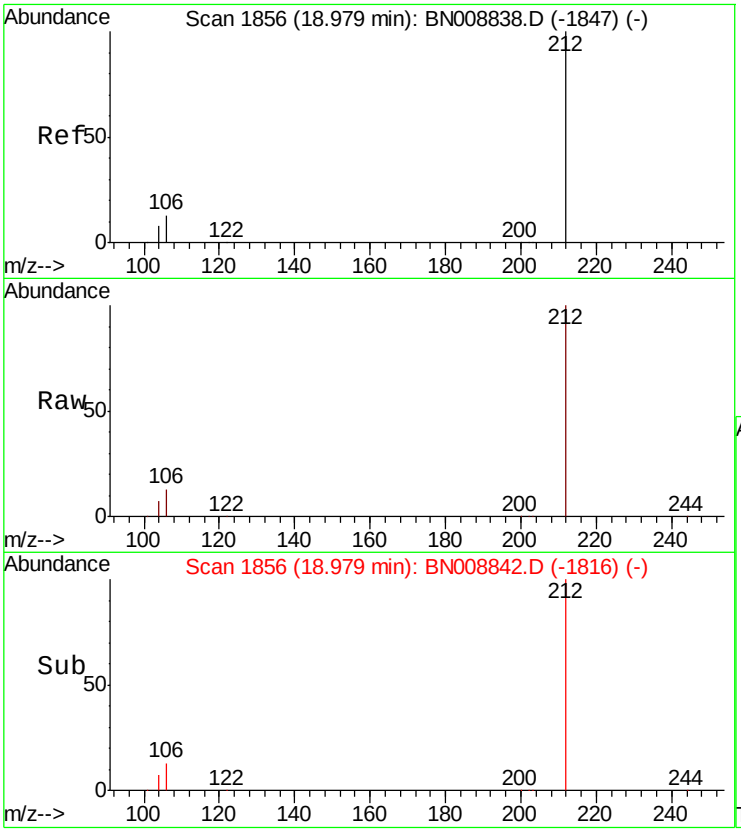


#24
Anthracene
Concen: 5.407 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:178 Resp: 287407

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.3	12.2	18.2



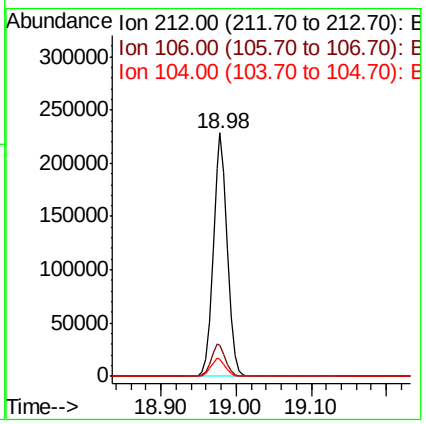


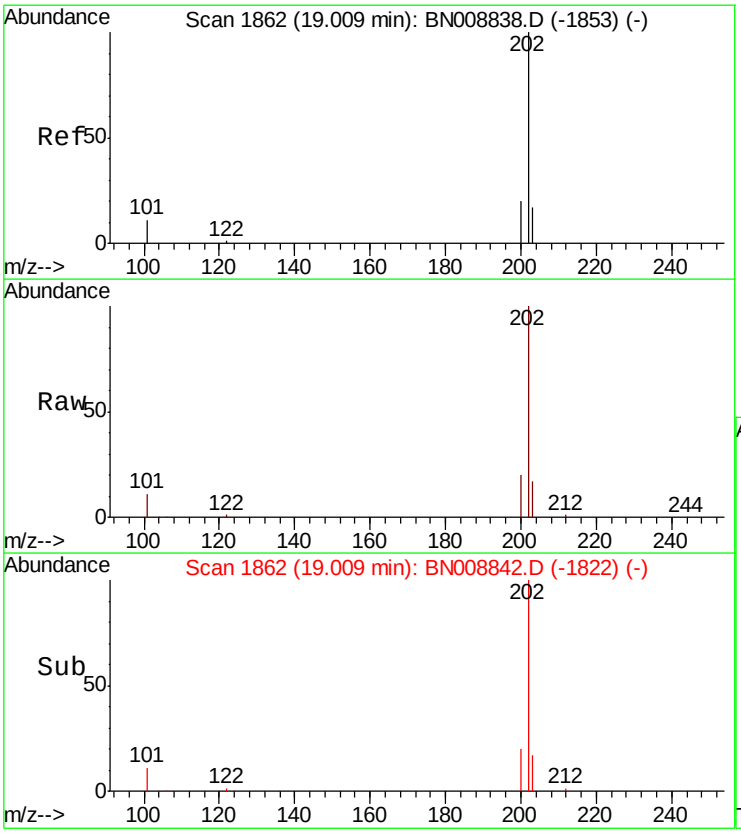
#25
Fluoranthene-d10
Concen: 4.743 ng
RT: 18.98 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 302035

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.6	6.1	9.1

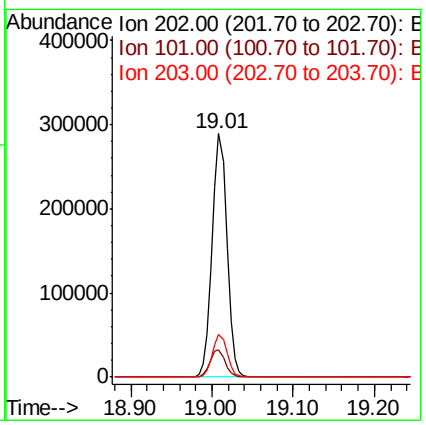


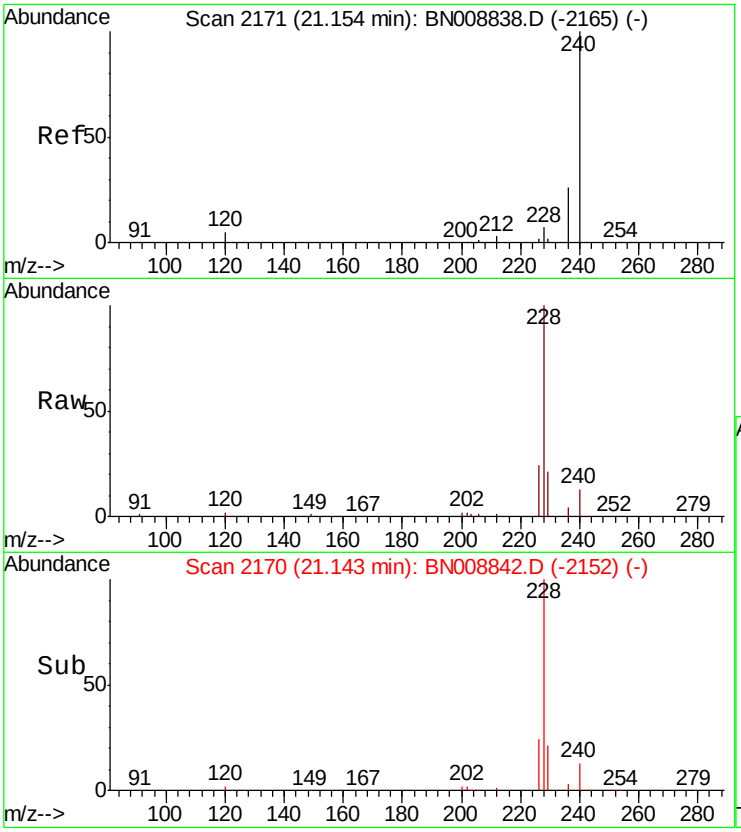


#26
Fluoranthene
Concen: 4.952 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:202 Resp: 362386

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
203	17.3	13.7	20.5



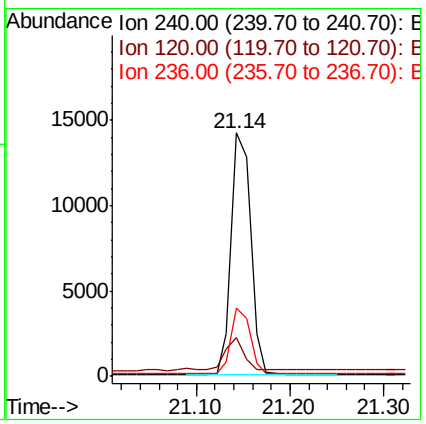


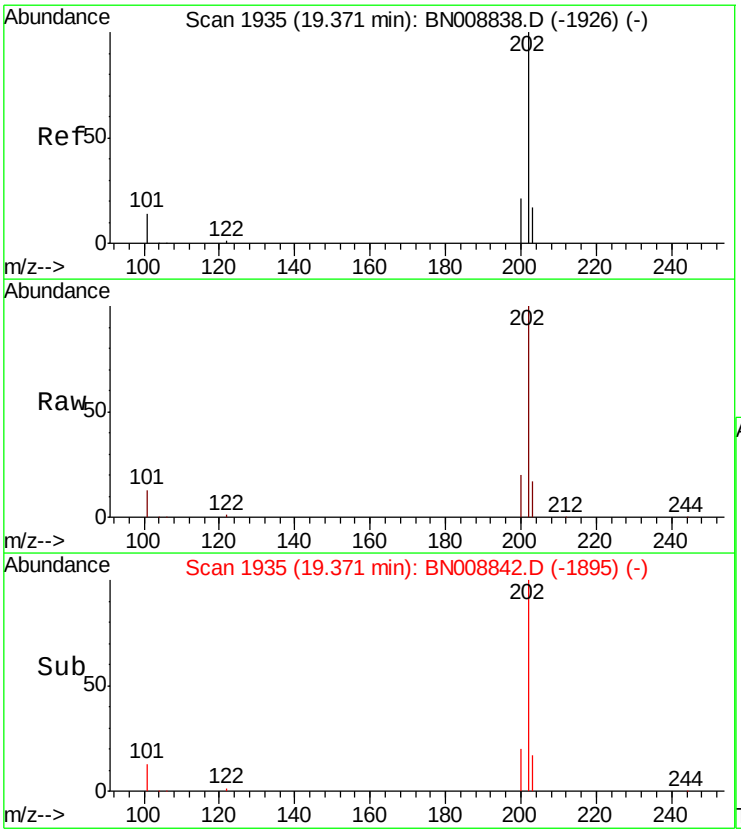
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 20492

Ion	Ratio	Lower	Upper
240	100		
120	16.1	6.0	9.0#
236	27.9	21.4	32.0

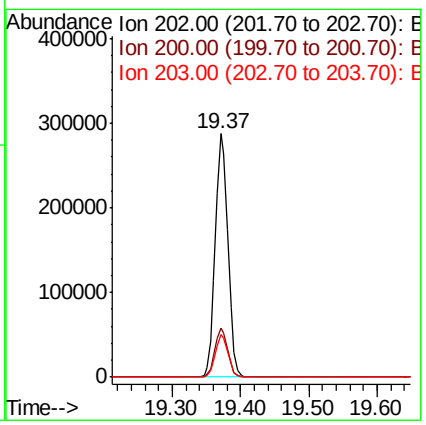


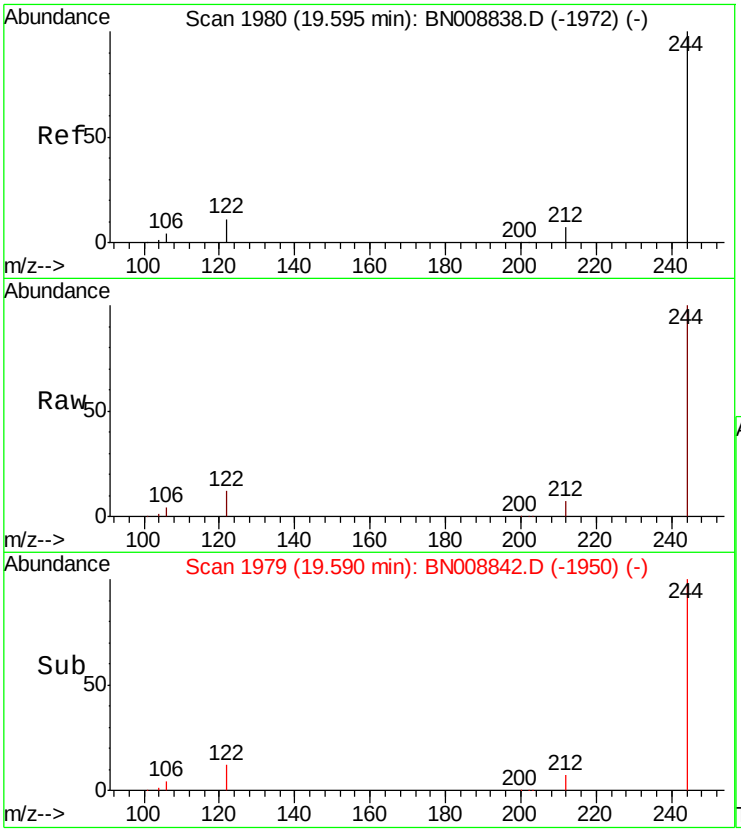


#28
Pyrene
Concen: 5.289 ng
RT: 19.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:202 Resp: 369645

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.2	21.2



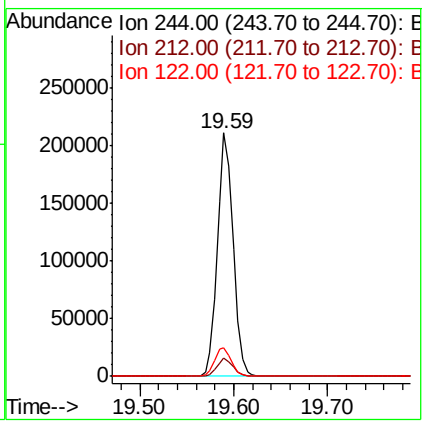


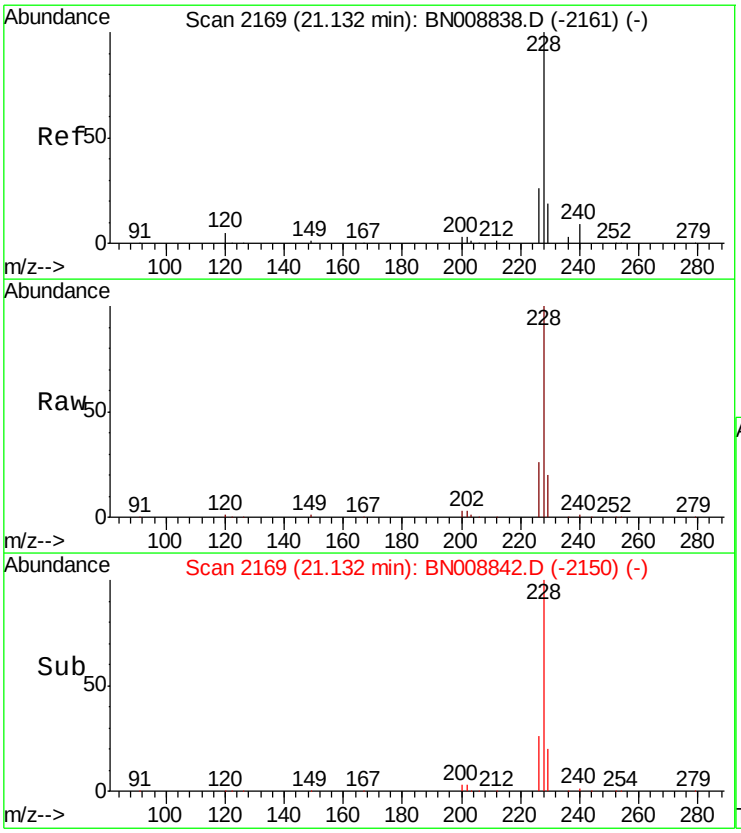
#29
Terphenyl-d14
Concen: 4.825 ng
RT: 19.59 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 242856

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.9	8.9	13.3

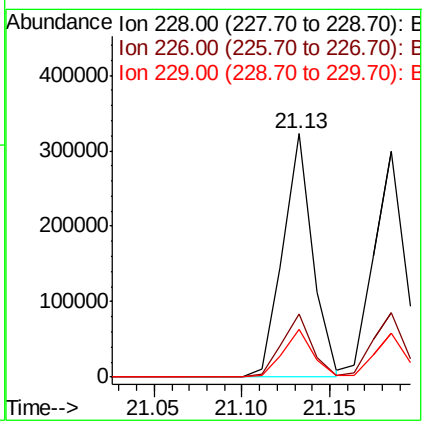


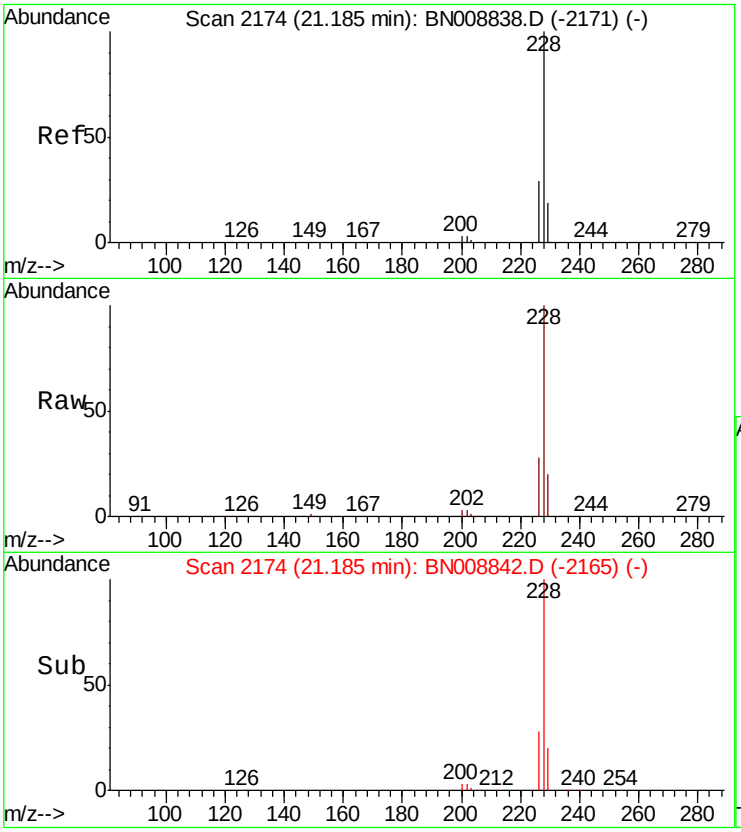


#30
Benzo(a)anthracene
Concen: 5.065 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:228 Resp: 382188

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.8	31.2
229	19.6	15.9	23.9



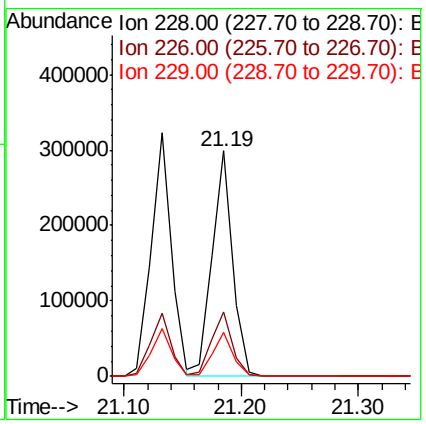


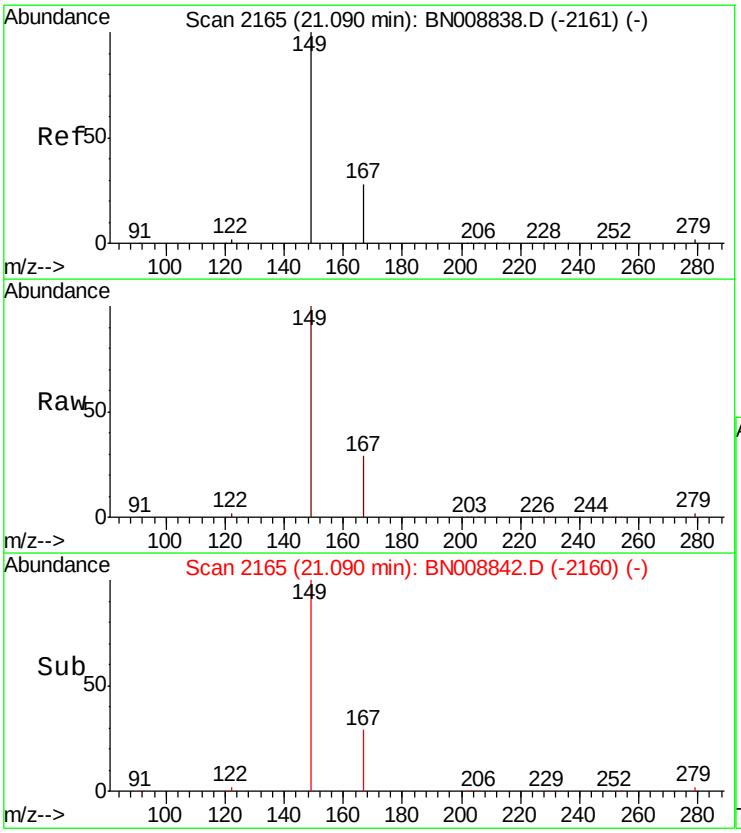
#31
Chrysene
Concen: 4.984 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 366570

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	19.7	15.8	23.8

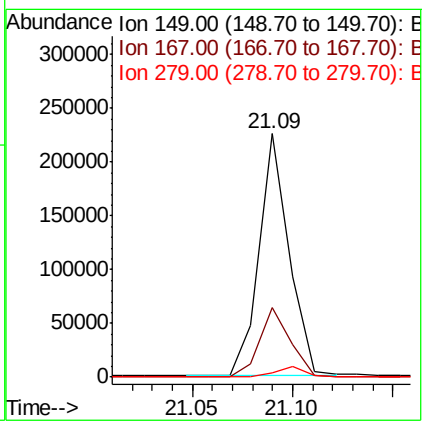


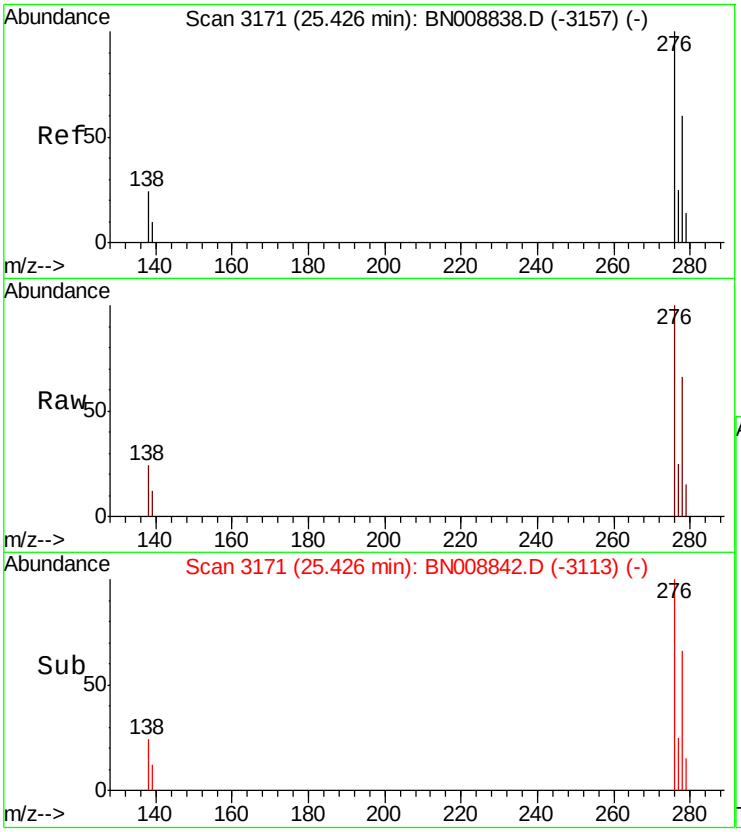


#32
Bis(2-ethylhexyl)phthalate
Concen: 6.105 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:149 Resp: 236956

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.1	34.7
279	4.0	3.4	5.2



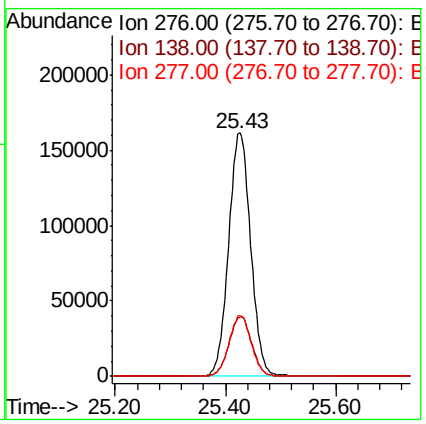


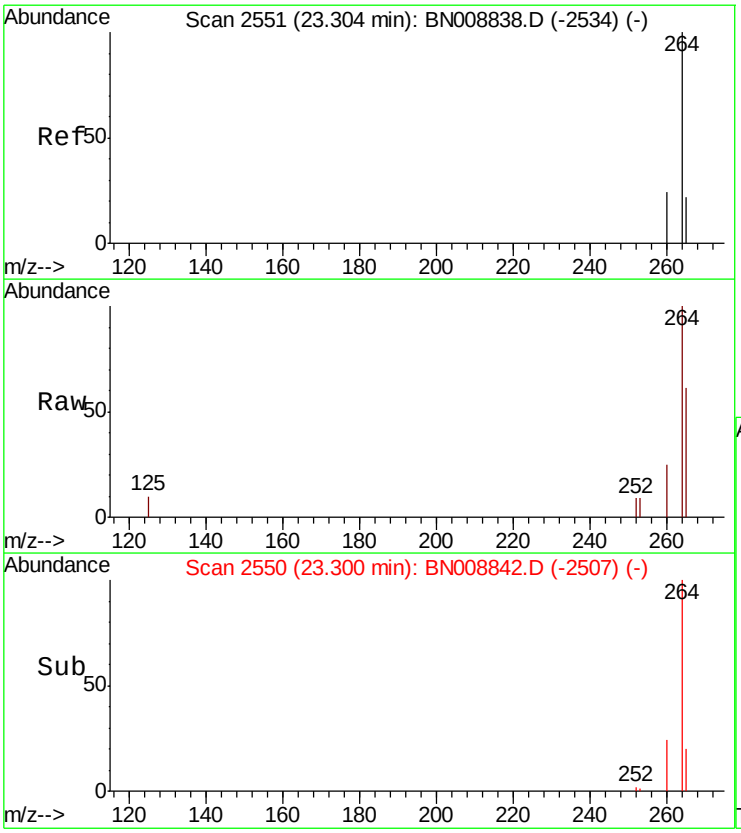
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.878 ng
RT: 25.43 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 449196

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.0	19.8	29.6

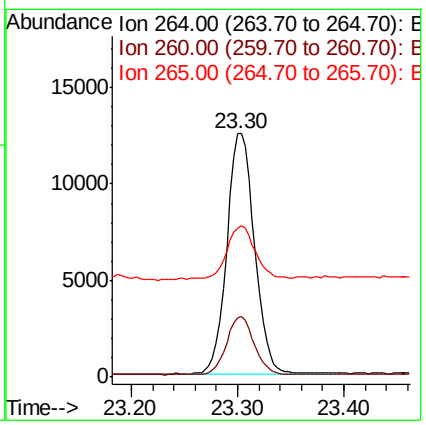


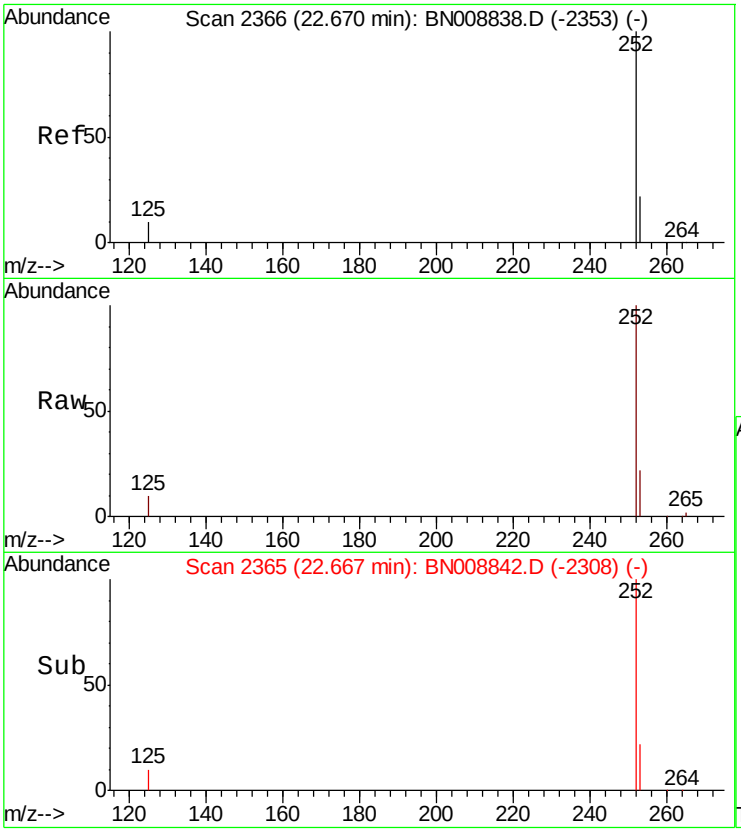


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.30 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:264 Resp: 22389

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	61.1	46.8	70.2



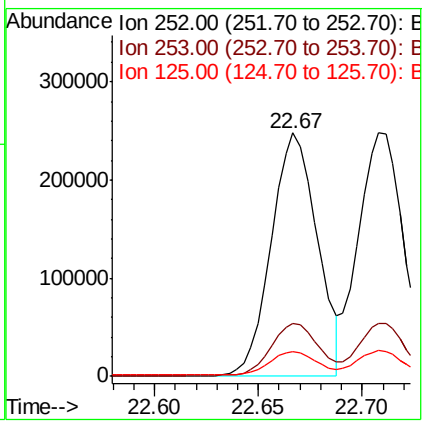


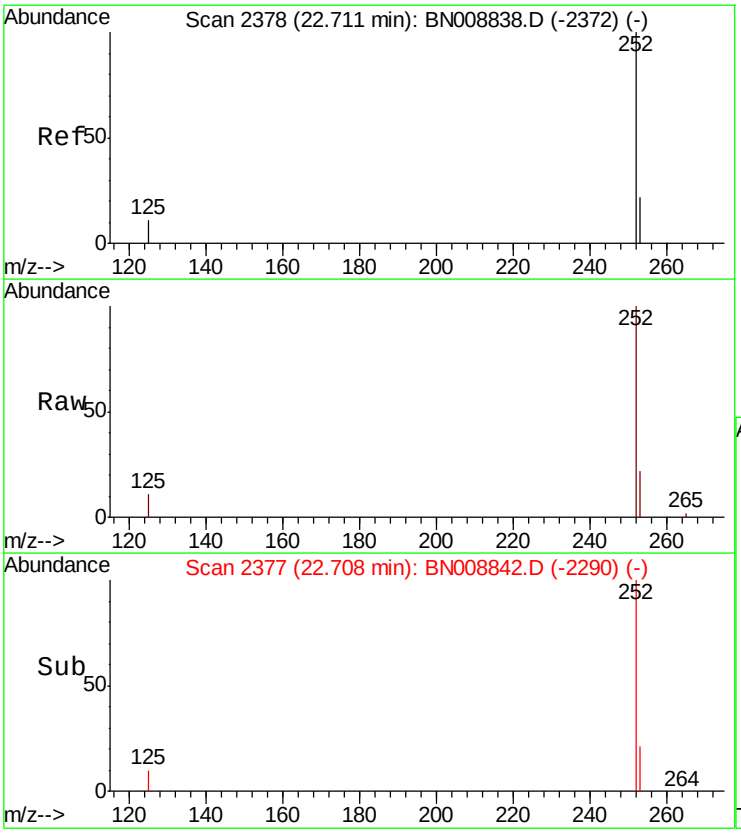
#35
Benzo(b)fluoranthene
Concen: 4.876 ng
RT: 22.67 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 378995

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.6	31.0
125	10.3	12.3	18.5#

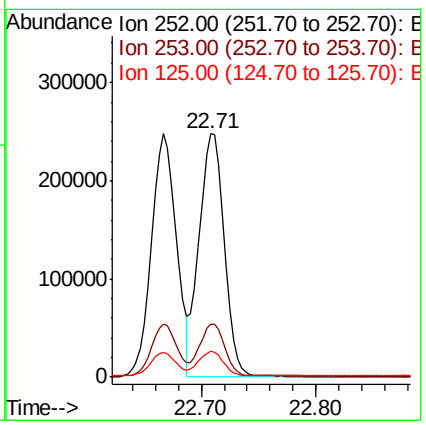


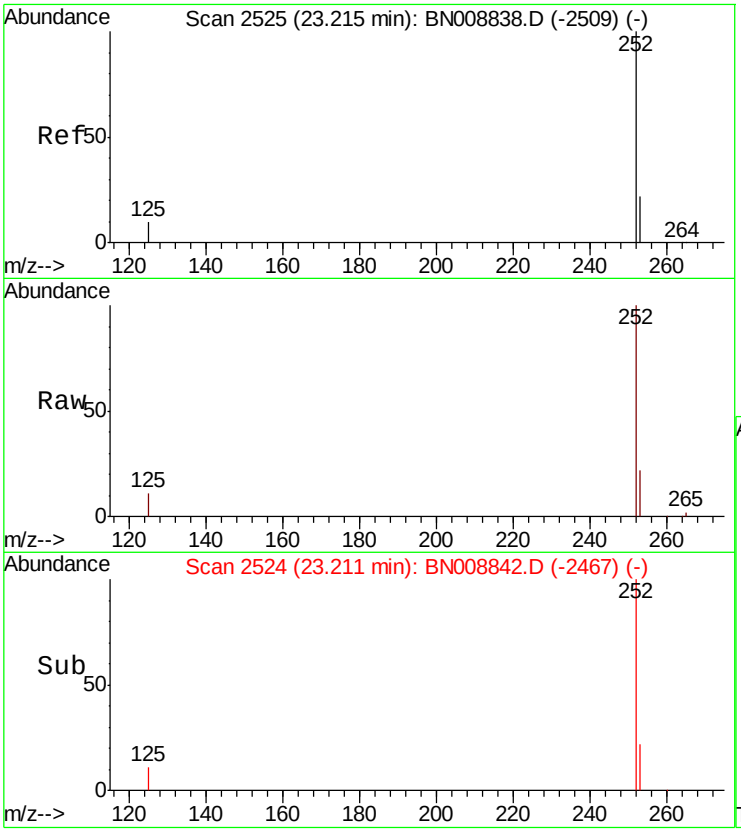


#36
Benzo(k)fluoranthene
Concen: 4.877 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:252 Resp: 374856

Ion	Ratio	Lower	Upper
252	100		
253	21.8	21.0	31.4
125	10.6	13.5	20.3#



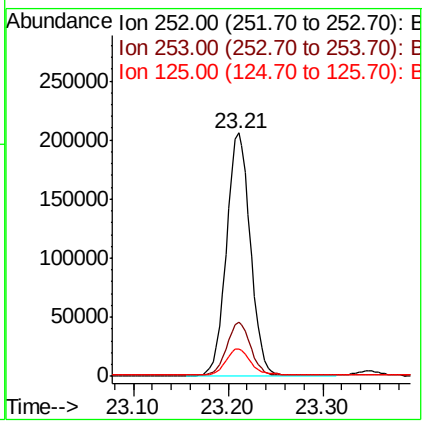


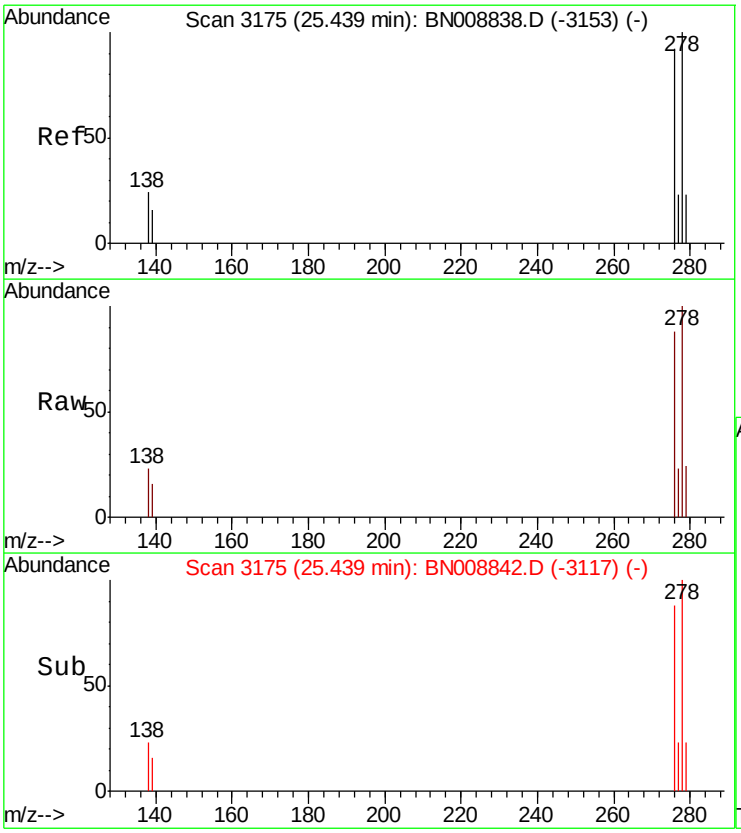
#37
Benzo(a)pyrene
Concen: 4.928 ng
RT: 23.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 359939

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.4	32.2
125	11.3	13.7	20.5#

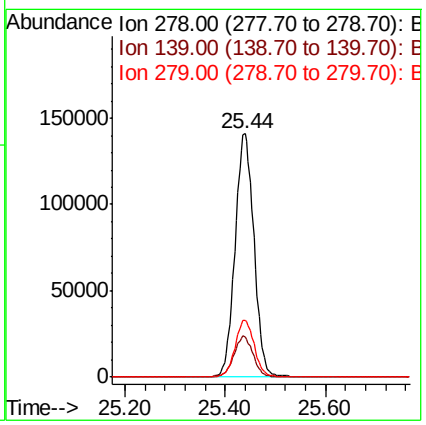


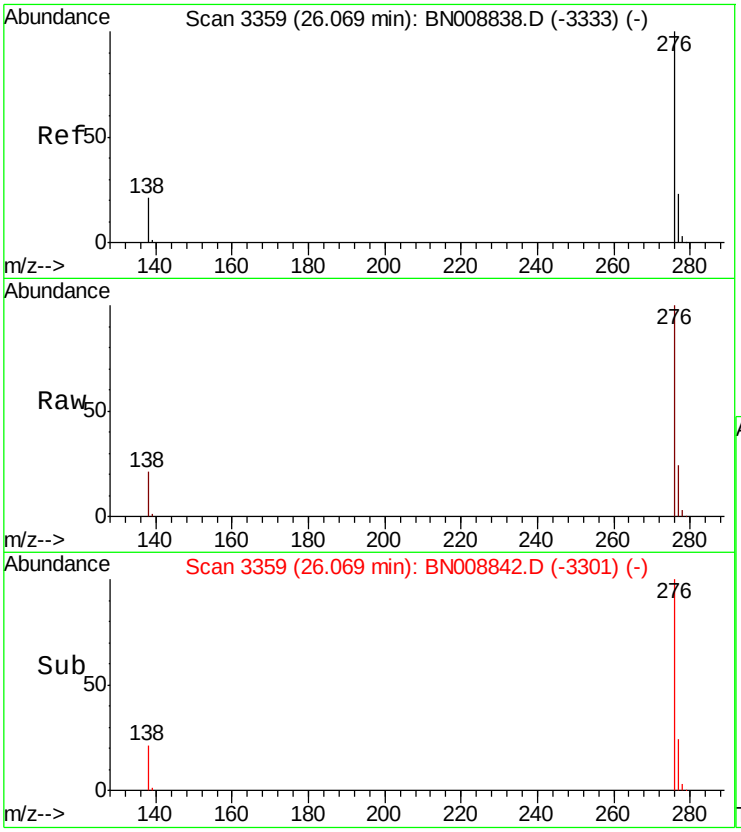


#38
Dibenzo(a,h)anthracene
Concen: 4.863 ng
RT: 25.44 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:278 Resp: 363468

Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.3	22.9
279	23.5	21.2	31.8





#39
Benzo(g,h,i)perylene
Concen: 5.038 ng
RT: 26.07 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 372578

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	21.4	18.6	27.8