Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008839.D
Acq On : 04 Dec 2019 13:07
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 04 14:11:22 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	3247	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	13632	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	9552	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	21129	0.40	ng		0.00
27) Chrysene-d12	21.15	240	22961	0.40	ng		0.00
34) Perylene-d12	23.31	264	25250	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	6692	0.60	ng		0.00
5) Phenol-d6	6.76	99	9035	0.57	ng		0.00
8) Nitrobenzene-d5	8.71	82	9134	0.77	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	17307	0.75	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	3818	0.73	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	27539	0.70	ng		0.00
25) Fluoranthene-d10	18.98	212	48804	0.69	ng		0.00
29) Terphenyl-d14	19.59	244	40615	0.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	2488	0.687	ng	#	100
3) n-Nitrosodimethylamine	3.51	42	3301	1.991	ng	#	100
6) bis(2-Chloroethyl)ether	7.01	93	8132	0.885	ng		98
9) Naphthalene	10.38	128	28048	0.733	ng		99
10) Hexachlorobutadiene	10.67	225	5501	0.683	ng	#	99
12) 2-Methylnaphthalene	12.00	142	20717	0.801	ng		100
16) Acenaphthylene	13.91	152	33638	0.664	ng		100
17) Acenaphthene	14.26	154	21656	0.663	ng		100
18) Fluorene	15.25	166	28949	0.692	ng		100
20) 4-Bromophenyl-phenylether	16.15	248	9441	0.736	ng		97
21) Hexachlorobenzene	16.26	284	11012	0.785	ng		100
22) Pentachlorophenol	16.60	266	4040	0.781	ng		98
23) Phenanthrene	16.99	178	49408	0.751	ng		100
24) Anthracene	17.07	178	45008	0.757	ng		100
26) Fluoranthene	19.01	202	60175	0.735	ng		100
28) Pyrene	19.38	202	61060	0.780	ng		100
30) Benzo(a)anthracene	21.13	228	62289	0.737	ng		99
31) Chrysene	21.19	228	62067	0.753	ng		100
32) Bis(2-ethylhexyl)phthalate	21.09	149	39314	0.904	ng		100
33) Indeno(1,2,3-cd)pyrene	25.43	276	76900	0.745	ng		99
35) Benzo(b)fluoranthene	22.67	252	63327	0.722	ng		95
36) Benzo(k)fluoranthene	22.71	252	64650	0.746	ng		95
37) Benzo(a)pyrene	23.21	252	60355	0.733	ng		94
38) Dibenzo(a,h)anthracene	25.44	278	62490	0.741	ng		97
39) Benzo(g,h,i)perylene	26.07	276	63035	0.756	ng		99

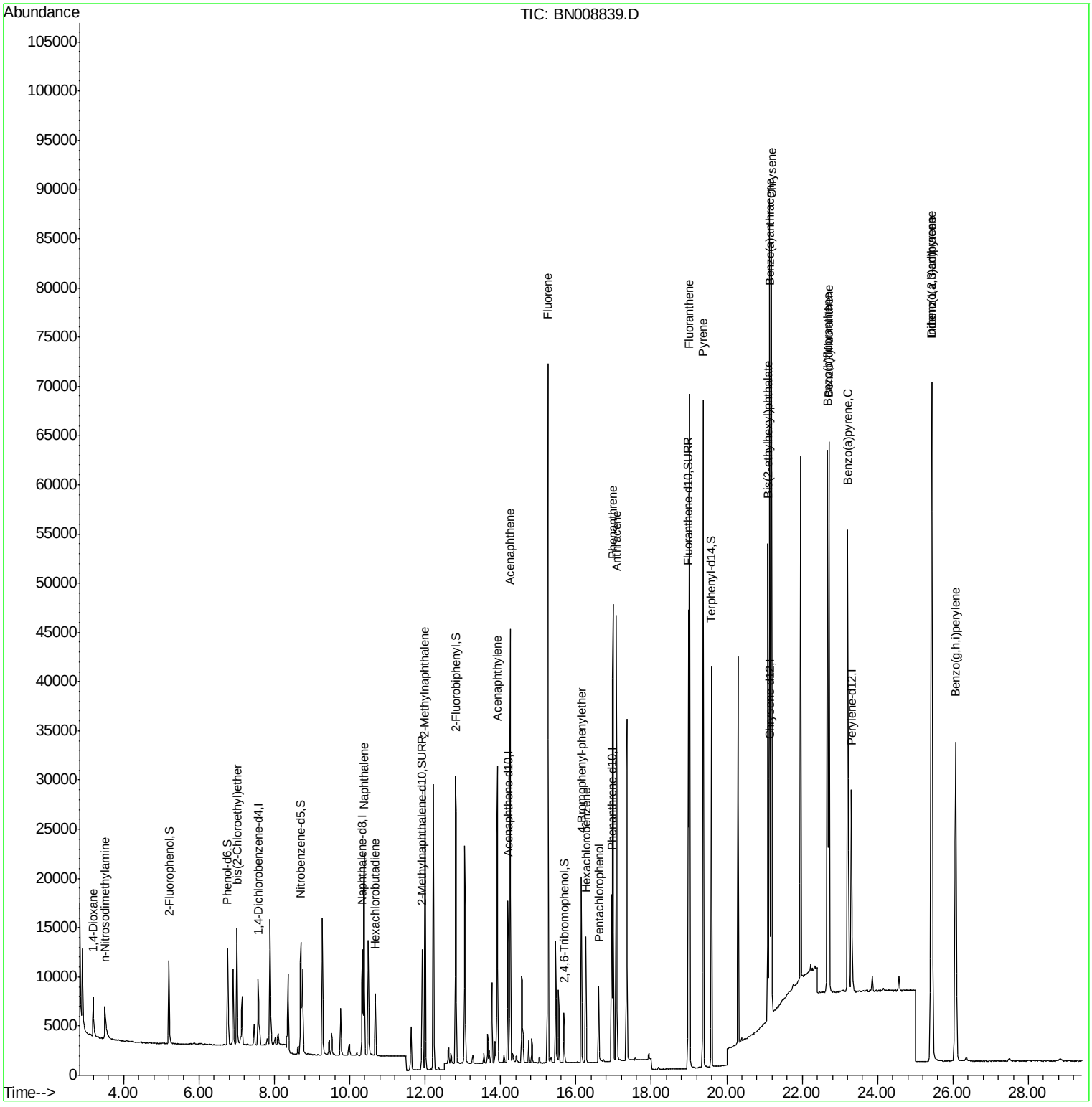
(#) = qualifier out of range (m) = manual integration (+) = signals summed

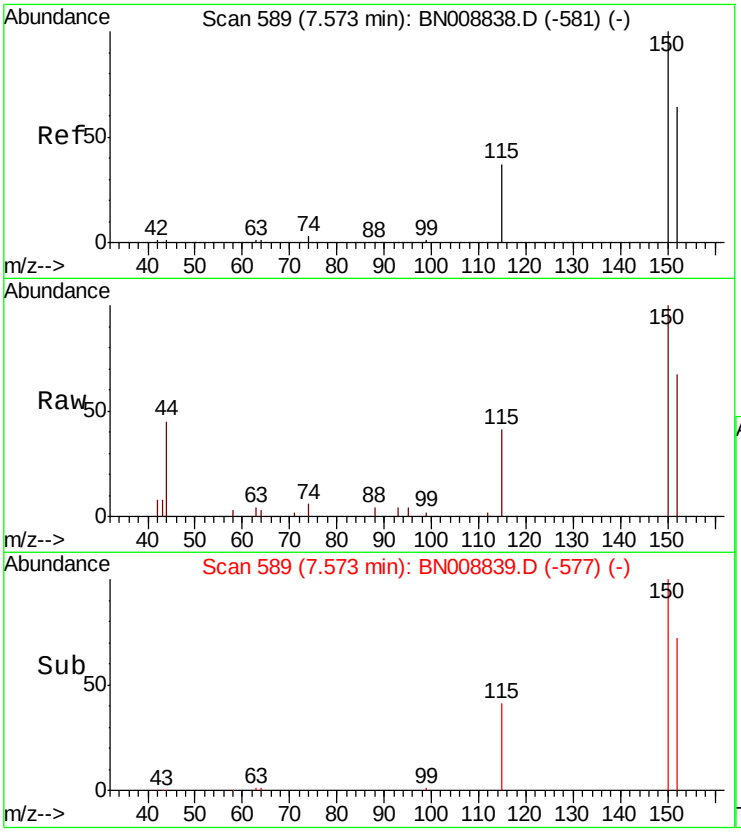
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008839.D
Acq On : 04 Dec 2019 13:07
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 04 14:11:22 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



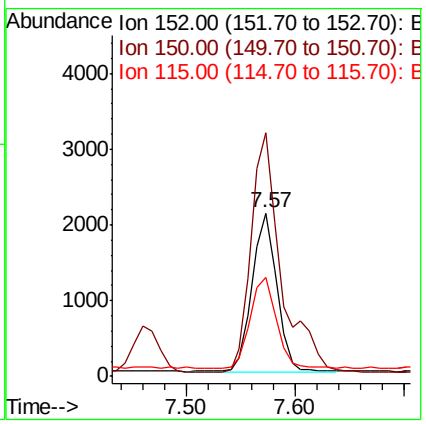


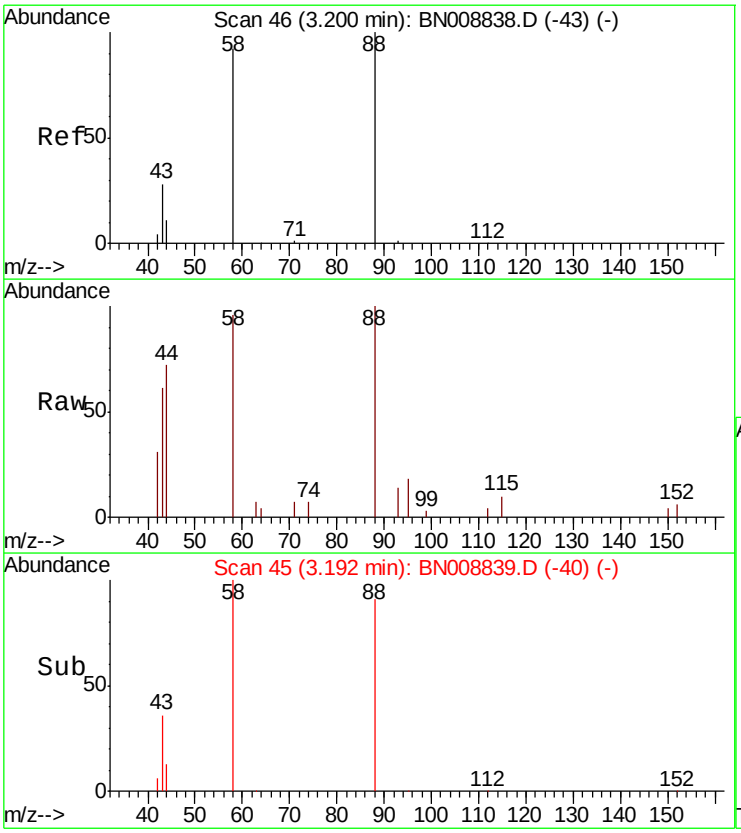
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3247

Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.9	185.9
115	60.7	49.9	74.9

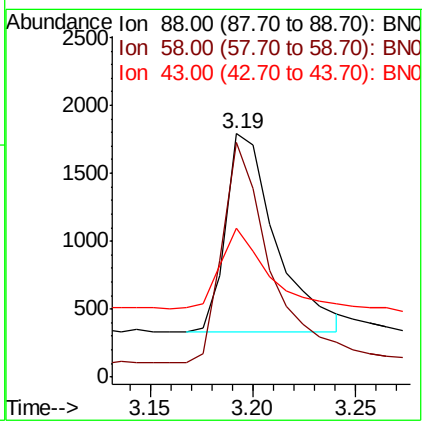


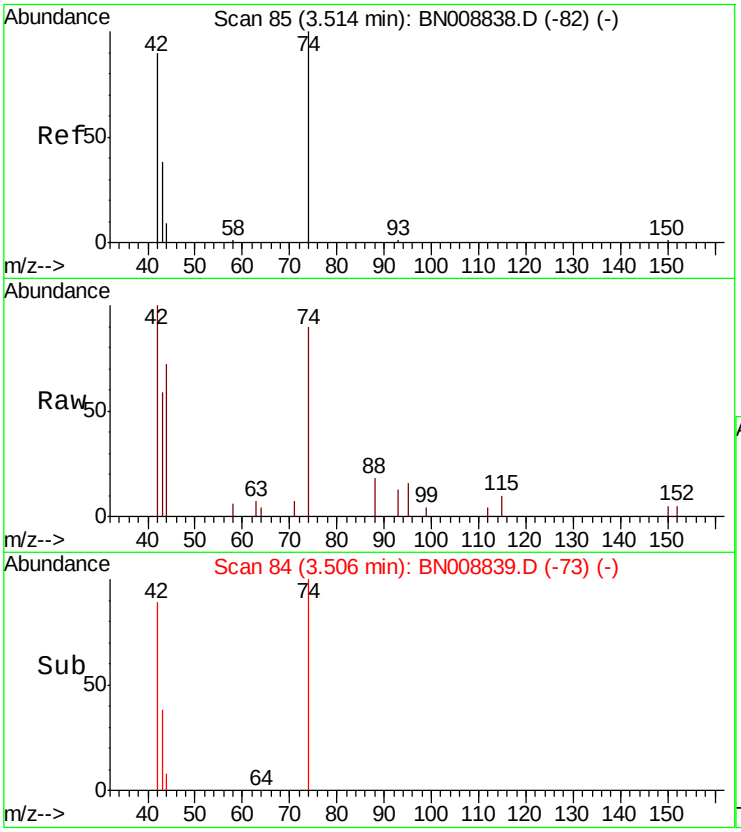


#2
1,4-Dioxane
Concen: 0.687 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion: 88 Resp: 2488

Ion	Ratio	Lower	Upper
88	100		
58	105.5	0.0	0.0#
43	35.4	0.0	0.0#



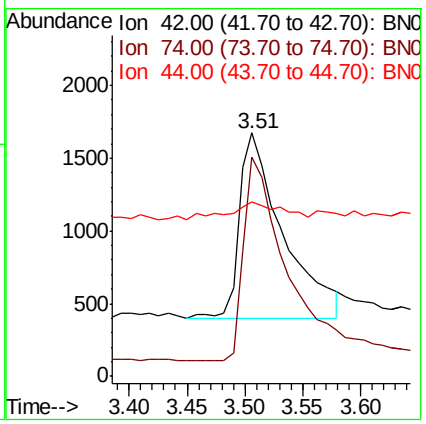


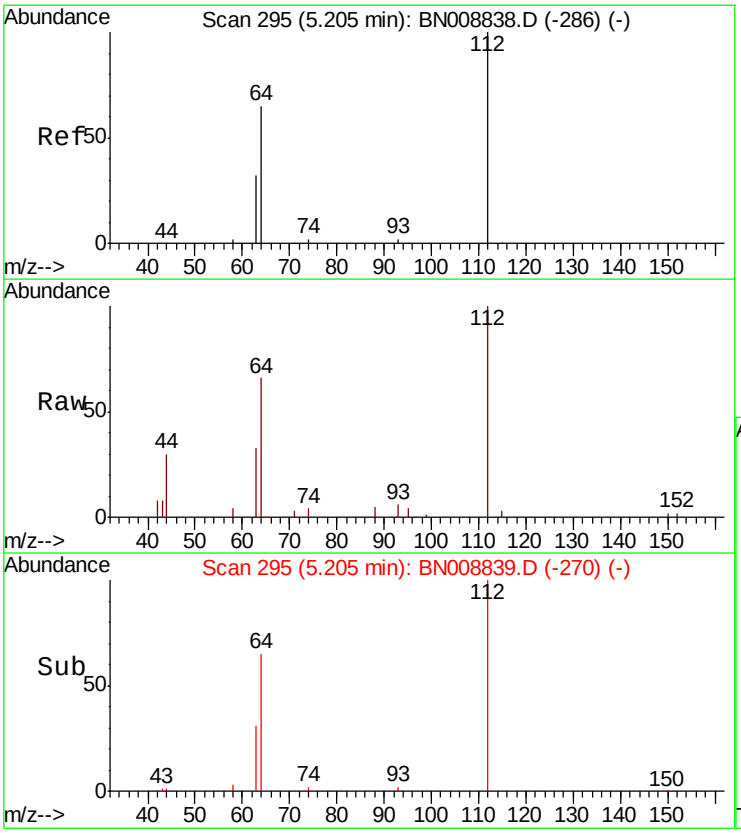
#3
n-Nitrosodimethylamine
Concen: 1.991 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.01 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3301

Ion	Ratio	Lower	Upper
42	100		
74	107.9	0.0	0.0#
44	9.0	0.0	0.0#

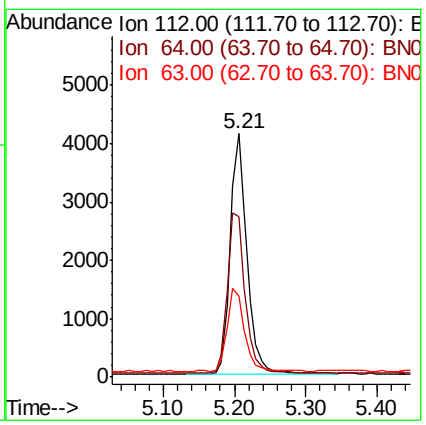


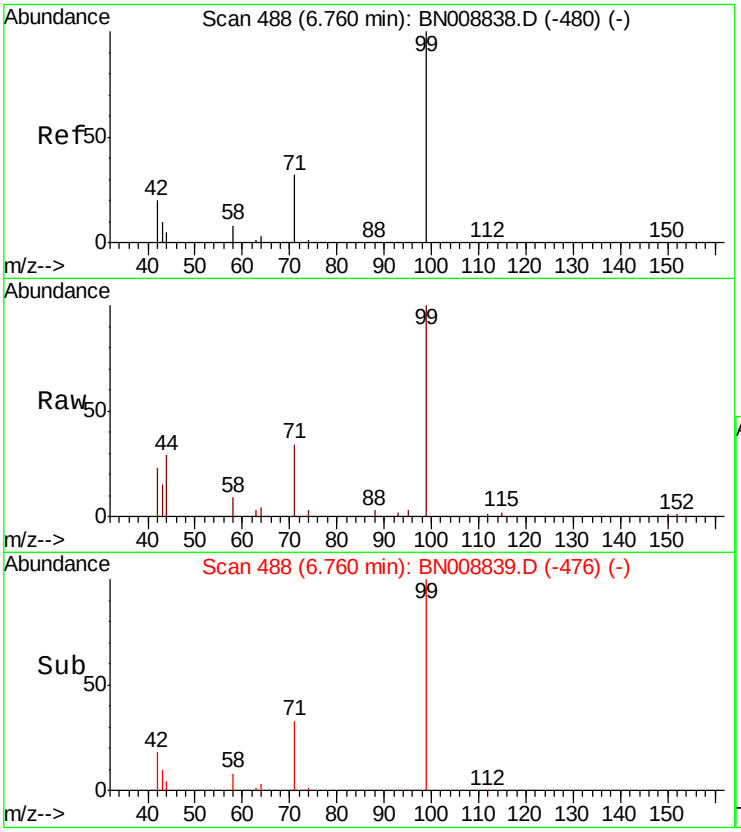


#4
2-Fluorophenol
Concen: 0.599 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:112 Resp: 6692

Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.3	84.5
63	35.9	28.2	42.2



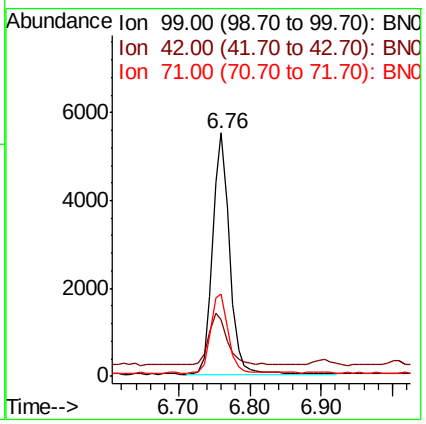


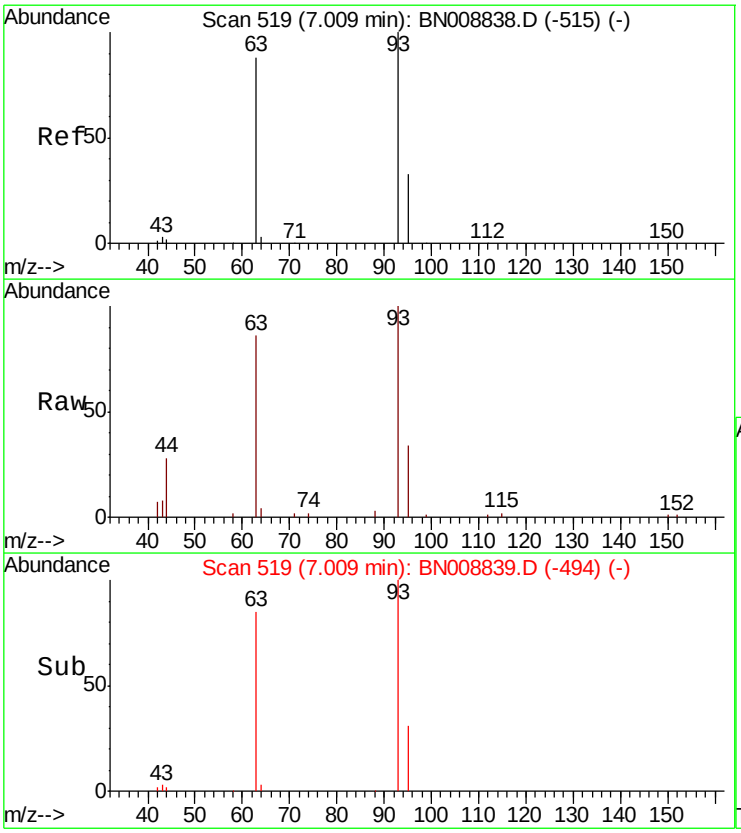
#5
Phenol-d6
Concen: 0.567 ng
RT: 6.76 min Scan# 488
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9035

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.1	27.1
71	33.5	26.6	40.0

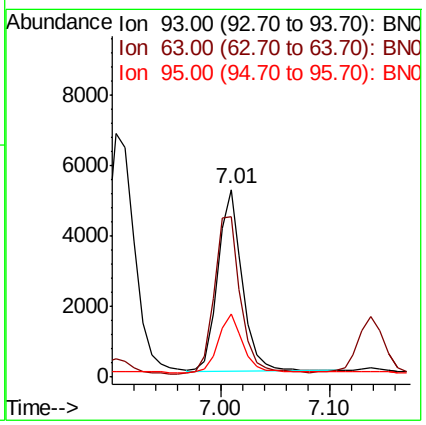


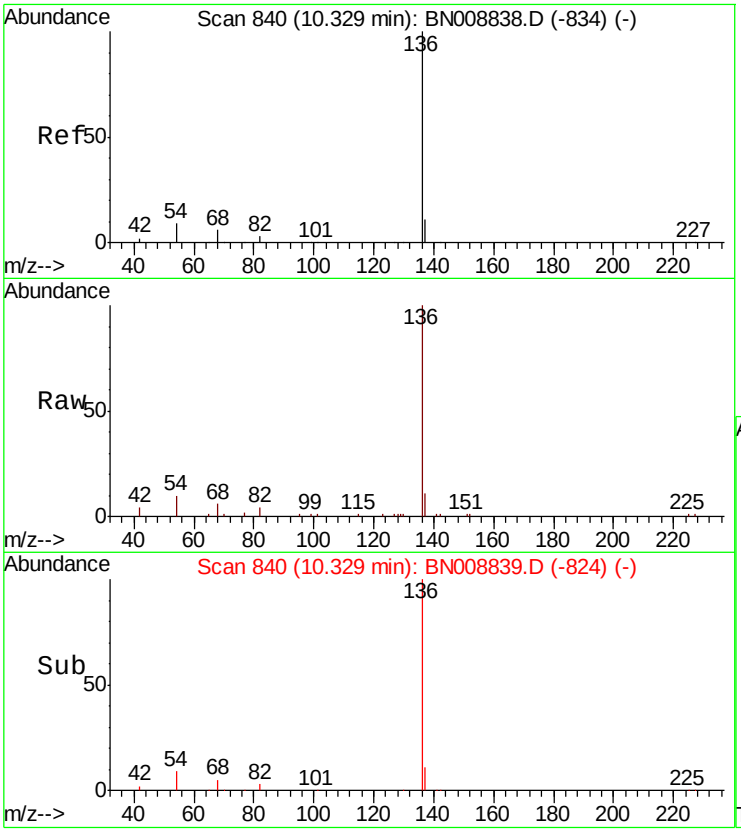


#6
bis(2-Chloroethyl)ether
Concen: 0.885 ng
RT: 7.01 min Scan# 519
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion: 93 Resp: 8132

Ion	Ratio	Lower	Upper
93	100		
63	93.2	72.1	108.1
95	32.2	25.7	38.5



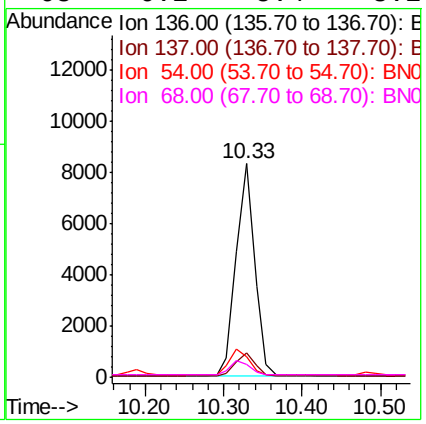


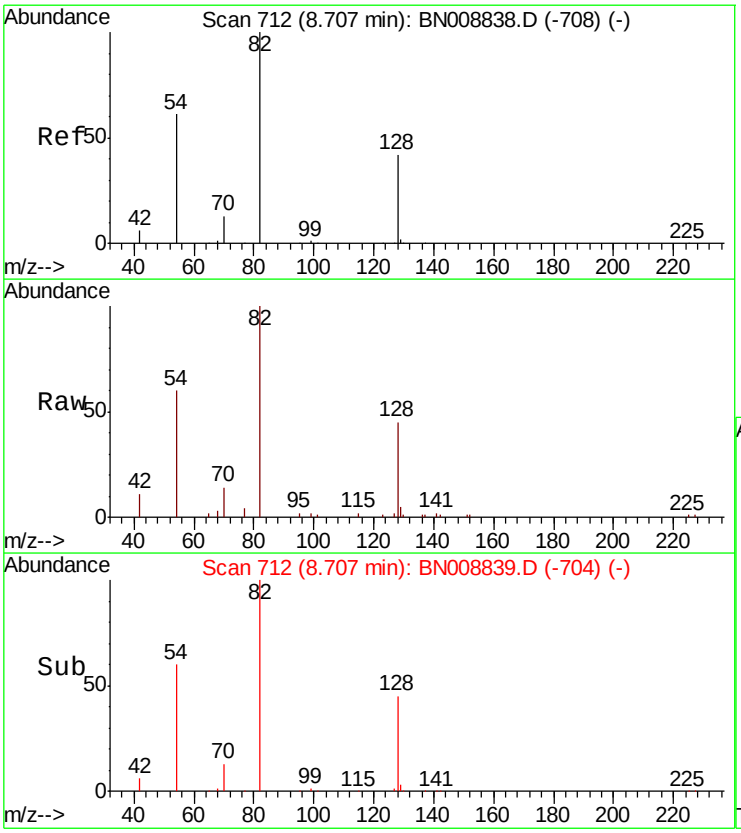
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13632

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.8	8.2	12.2
68	6.2	5.4	8.2

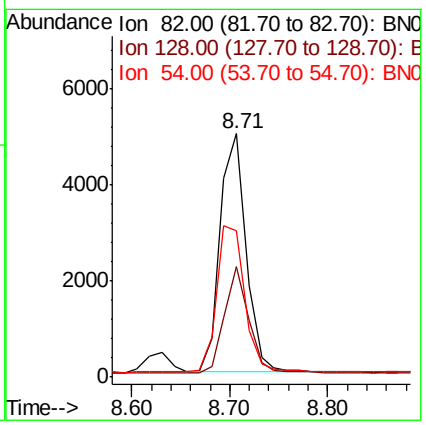


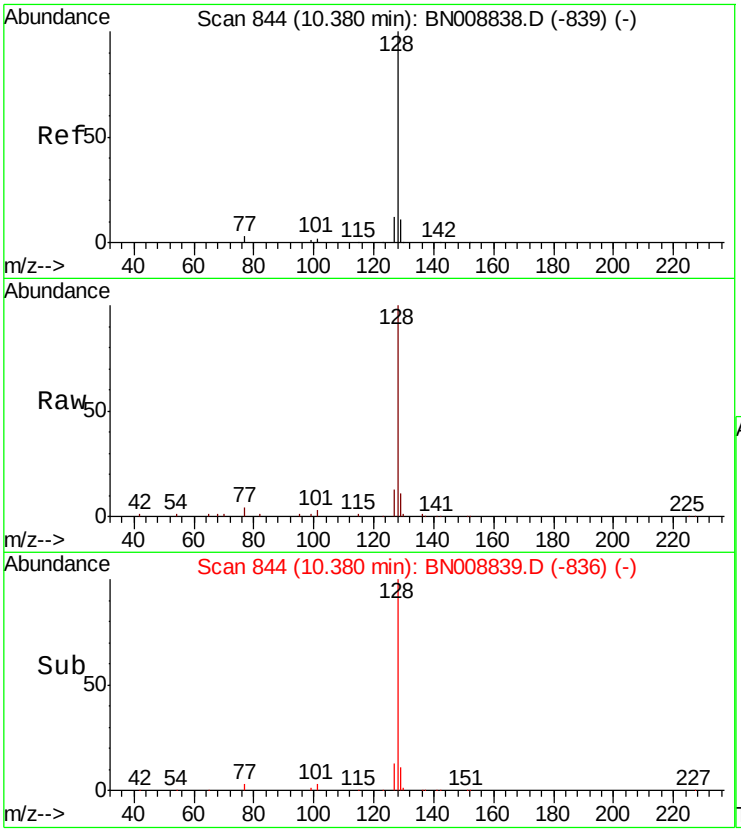


#8
Nitrobenzene-d5
Concen: 0.766 ng
RT: 8.71 min Scan# 712
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion: 82 Resp: 9134

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.0	52.6
54	60.2	50.2	75.2



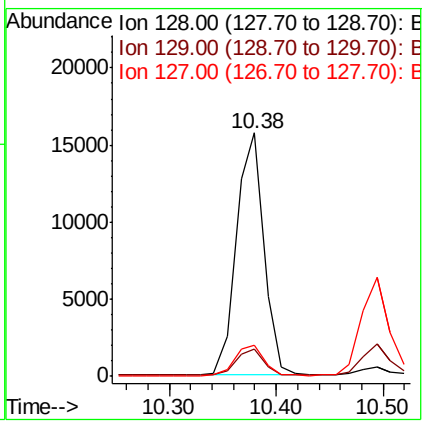


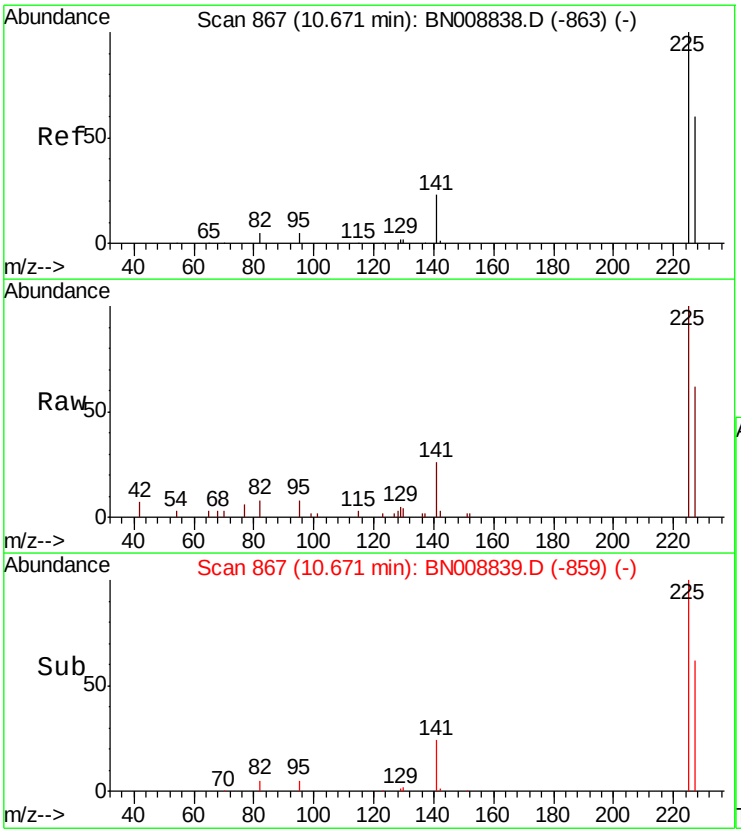
#9
Naphthalene
Concen: 0.733 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 28048

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	12.9	10.5	15.7

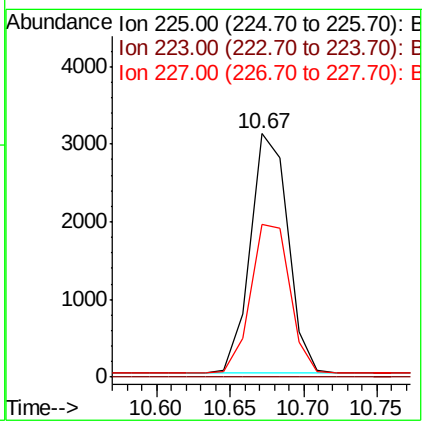


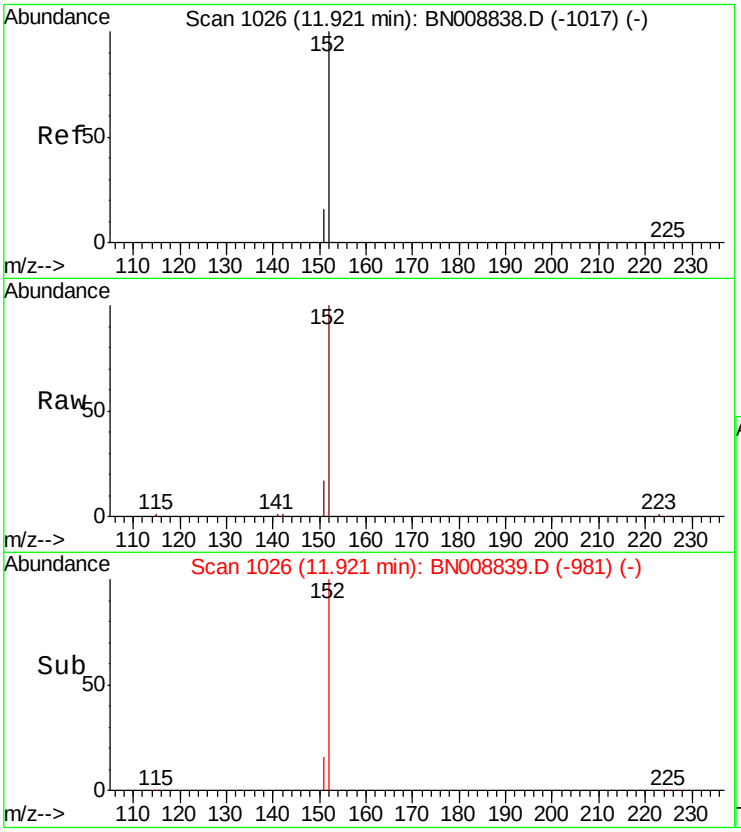


#10
Hexachlorobutadiene
Concen: 0.683 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:225 Resp: 5501

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.9	76.3



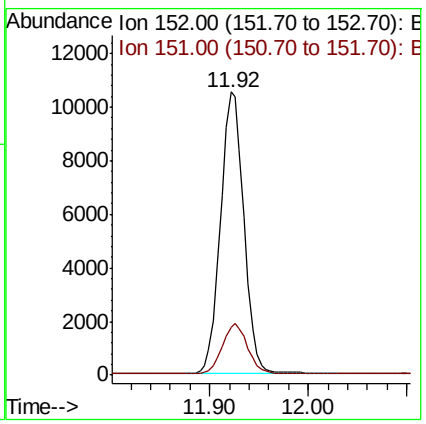


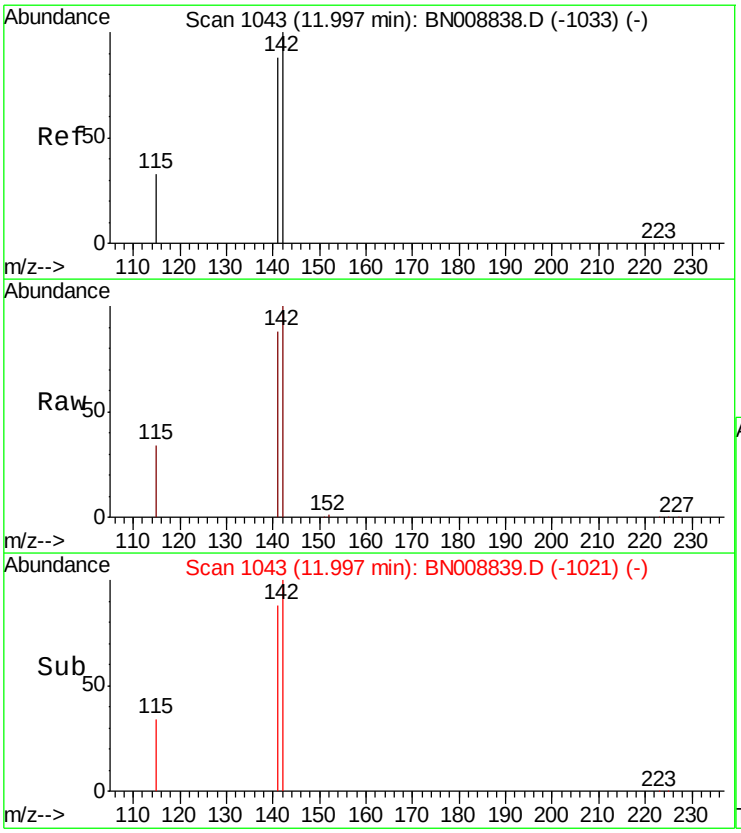
#11
2-Methylnaphthalene-d10
Concen: 0.754 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17307

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

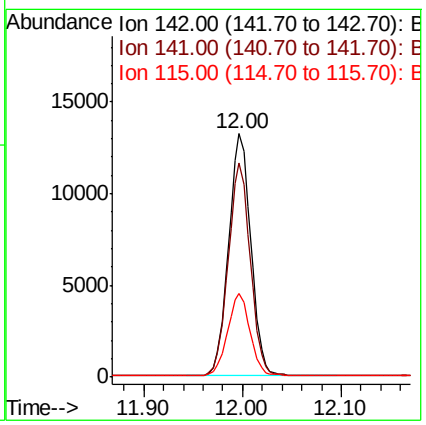


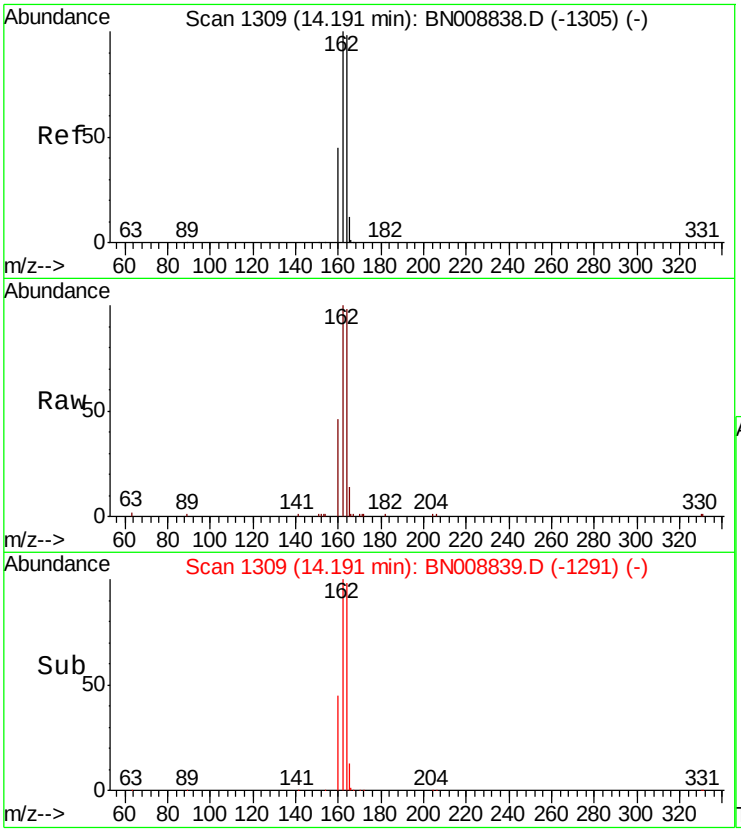


#12
2-Methylnaphthalene
Concen: 0.801 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:142 Resp: 20717

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	34.2	27.6	41.4



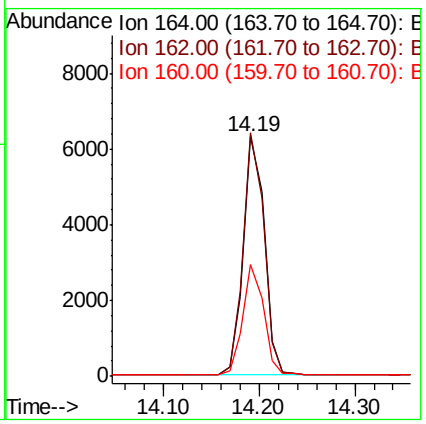


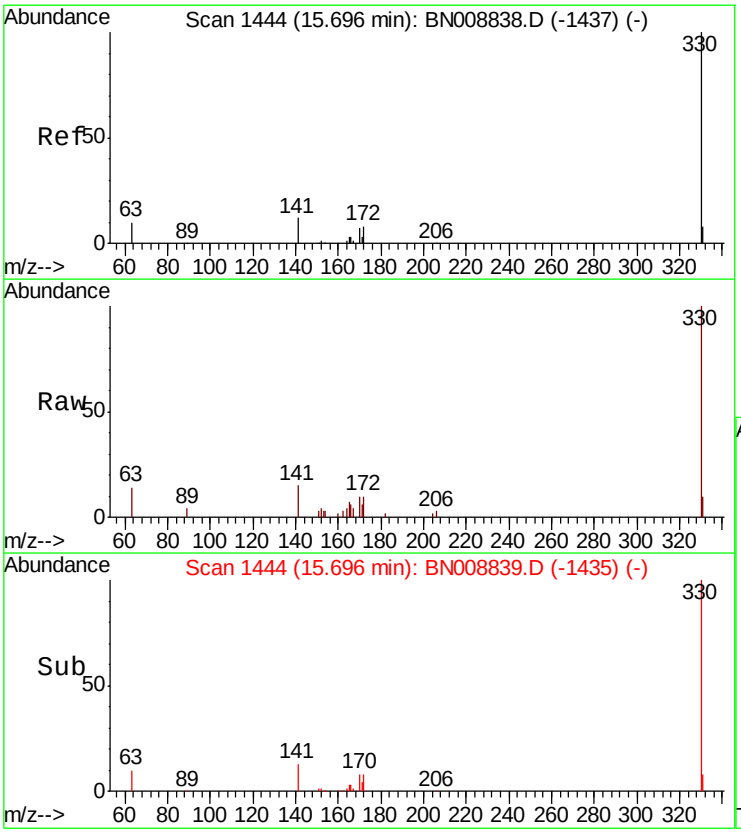
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9552

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	46.4	37.4	56.2

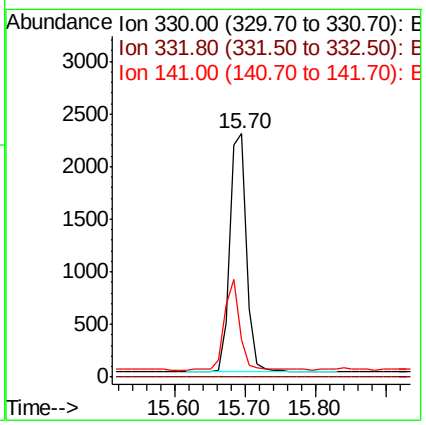


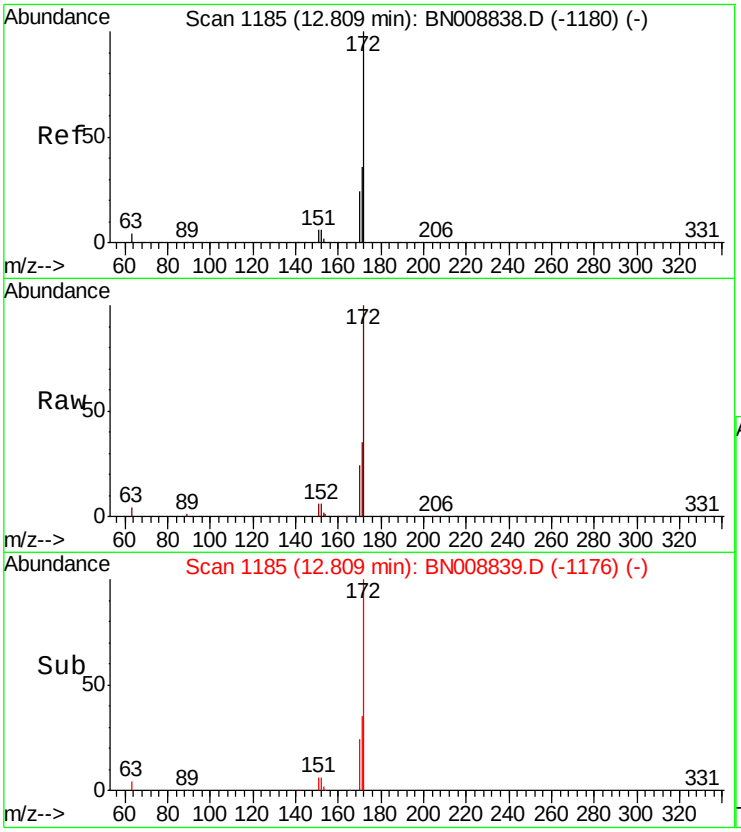


#14
2,4,6-Tribromophenol
Concen: 0.734 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:330 Resp: 3818

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.6	26.2	39.4



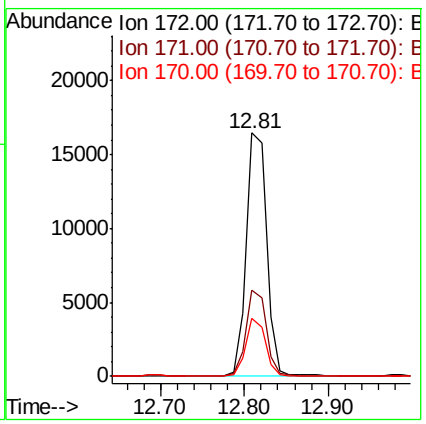


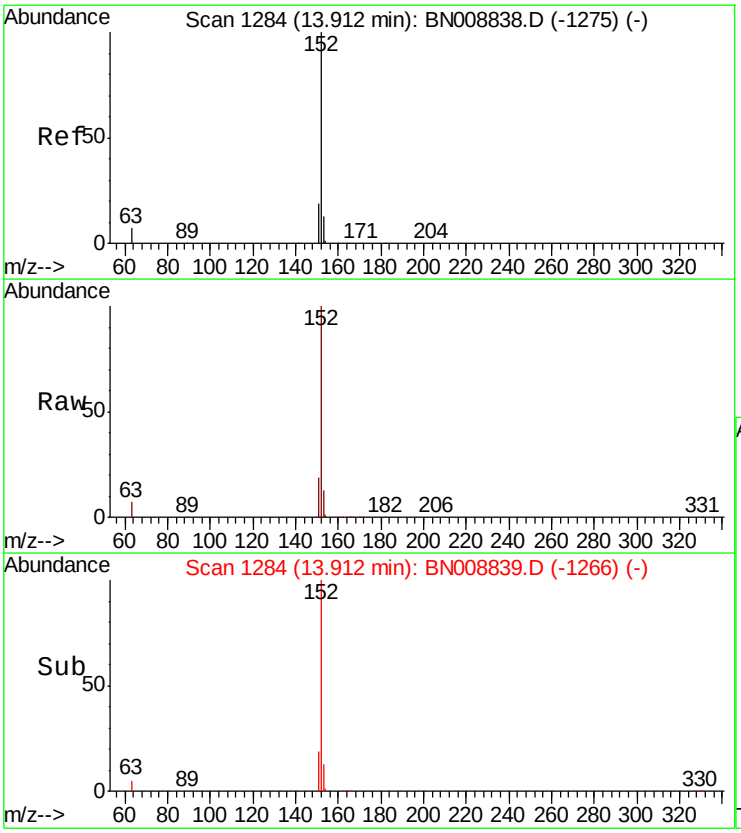
#15
2-Fluorobiphenyl
Concen: 0.700 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 27539

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.0	19.7	29.5

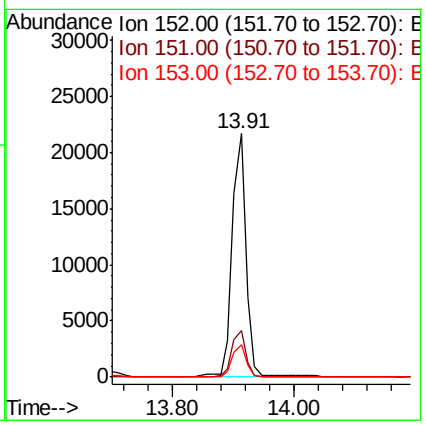


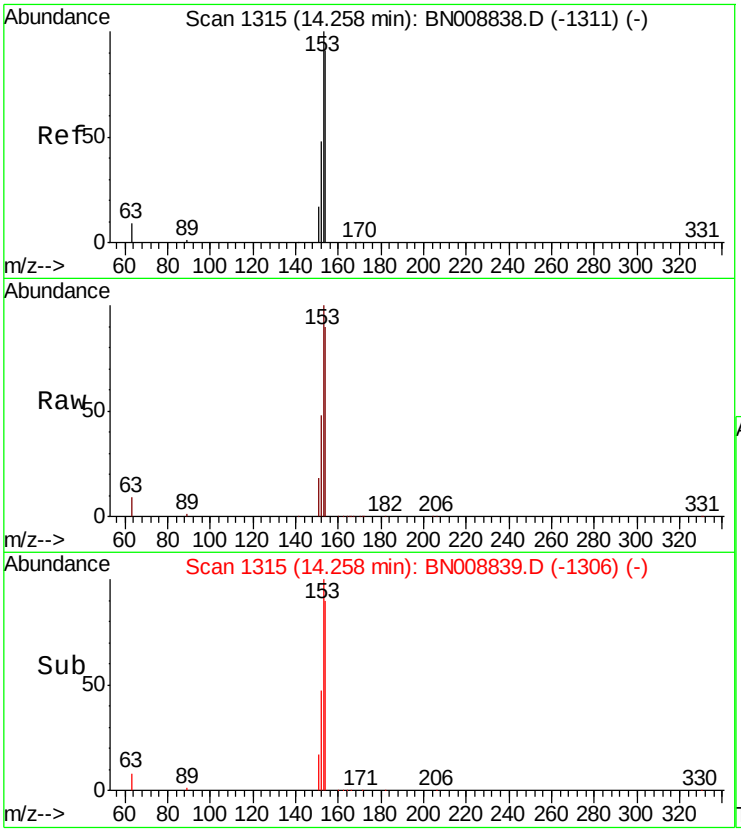


#16
Acenaphthylene
Concen: 0.664 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:152 Resp: 33638

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.1	10.4	15.6



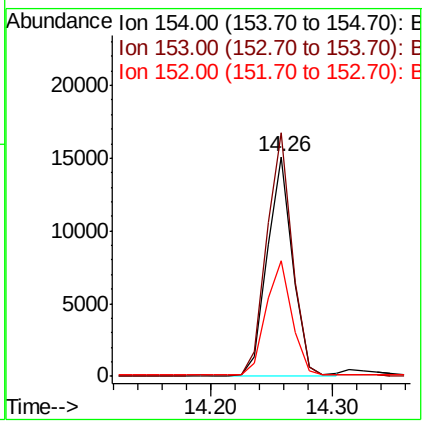


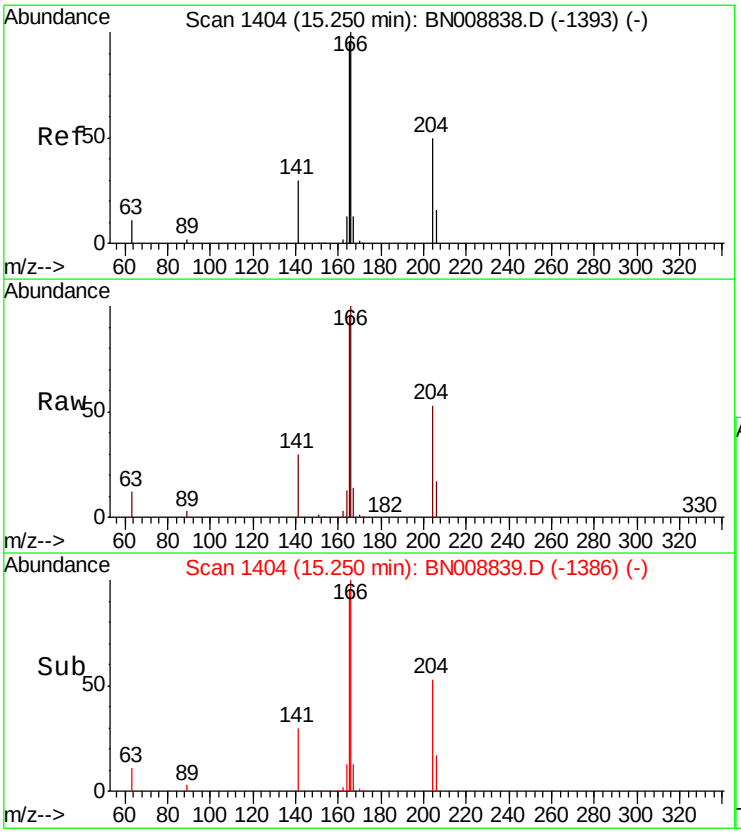
#17
Acenaphthene
Concen: 0.663 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 21656

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.4	134.2
152	54.1	43.8	65.8

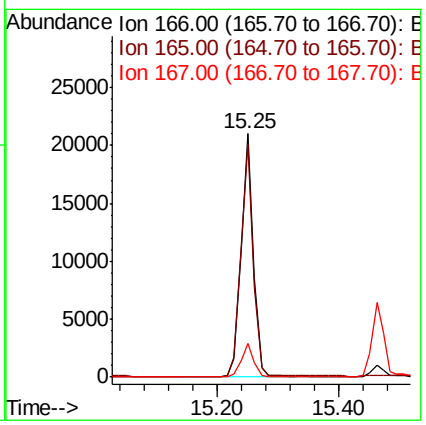


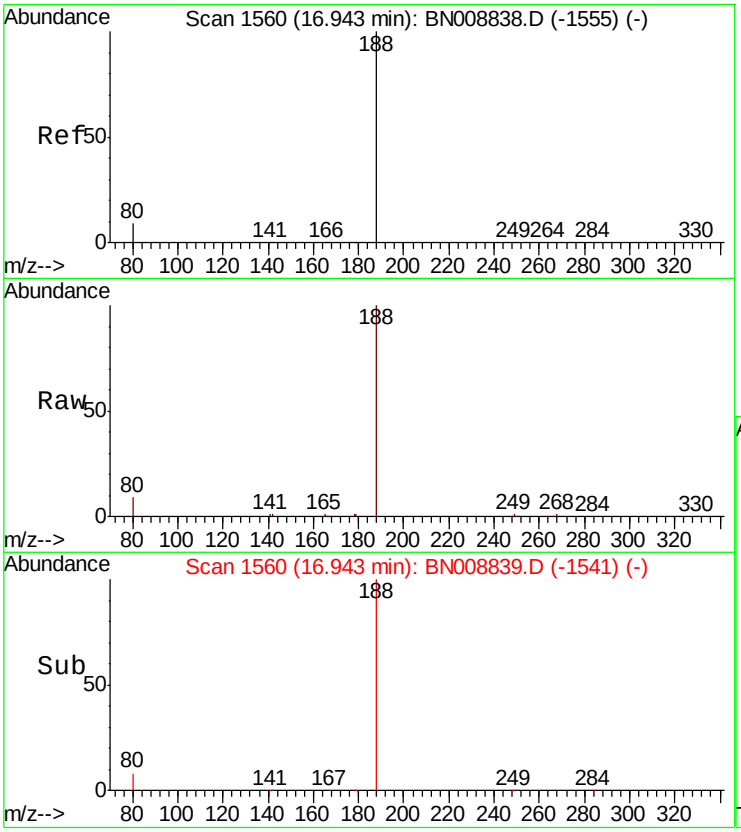


#18
Fluorene
Concen: 0.692 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:166 Resp: 28949

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.0	115.6
167	13.4	10.8	16.2



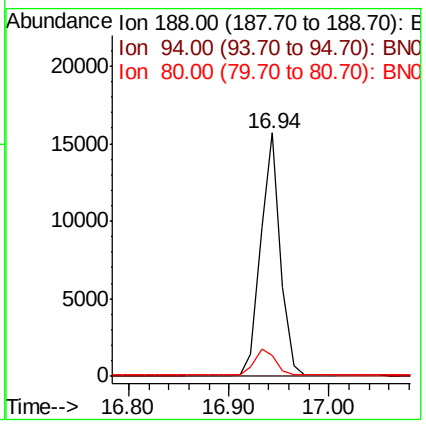


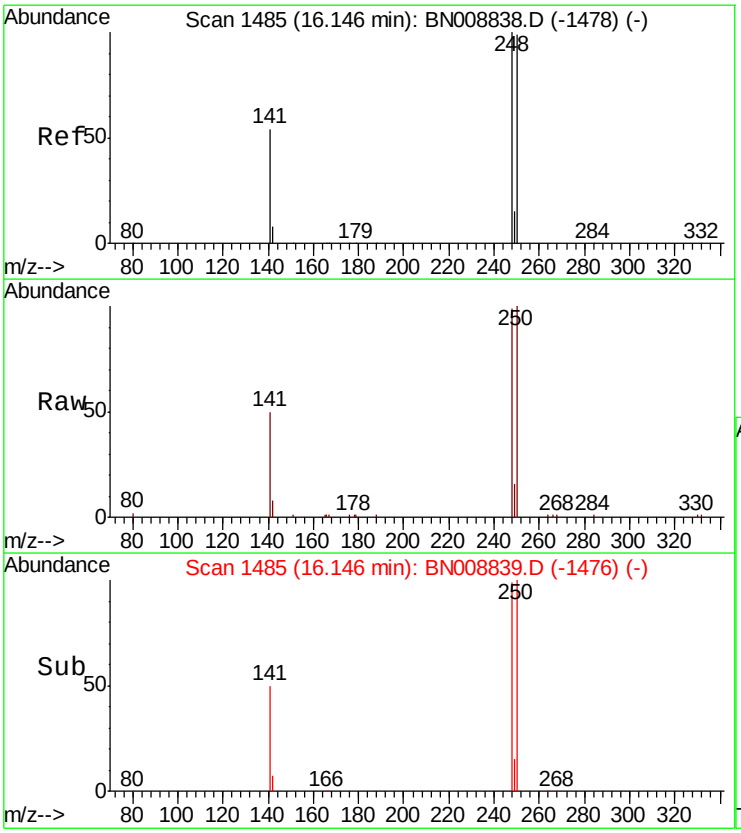
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21129

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.4	11.2

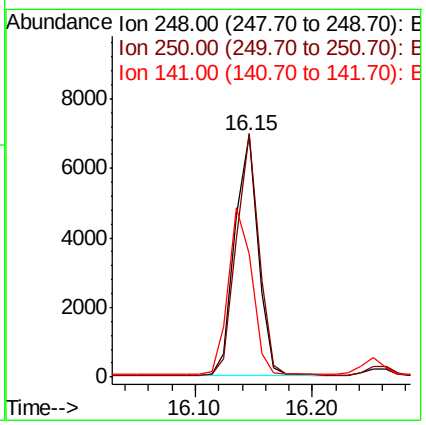


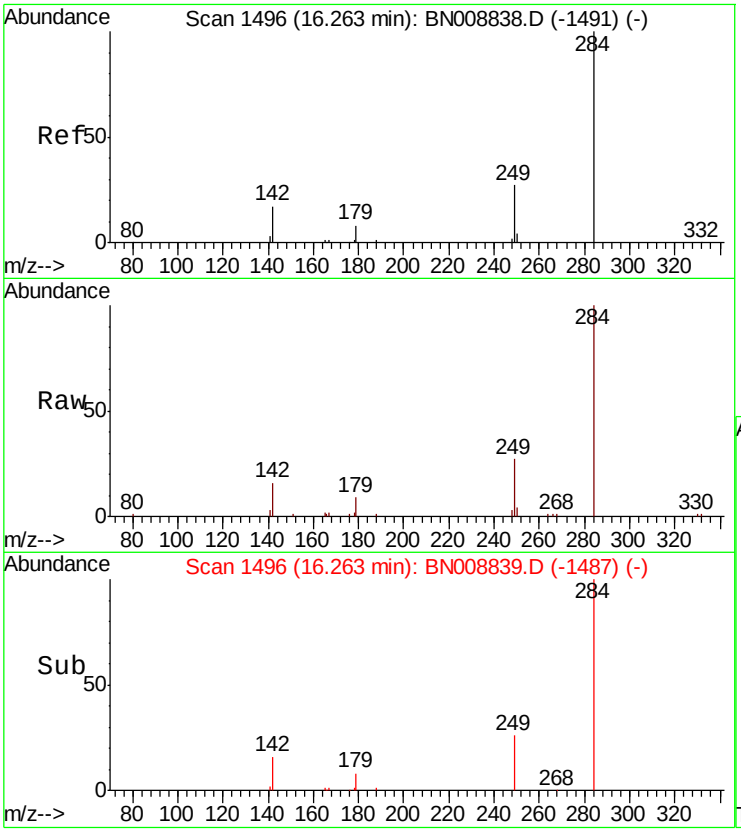


#20
4-Bromophenyl-phenylether
Concen: 0.736 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:248 Resp: 9441

Ion	Ratio	Lower	Upper
248	100		
250	100.6	79.7	119.5
141	50.7	44.7	67.1



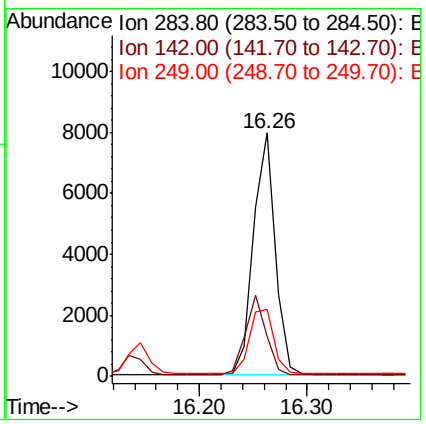


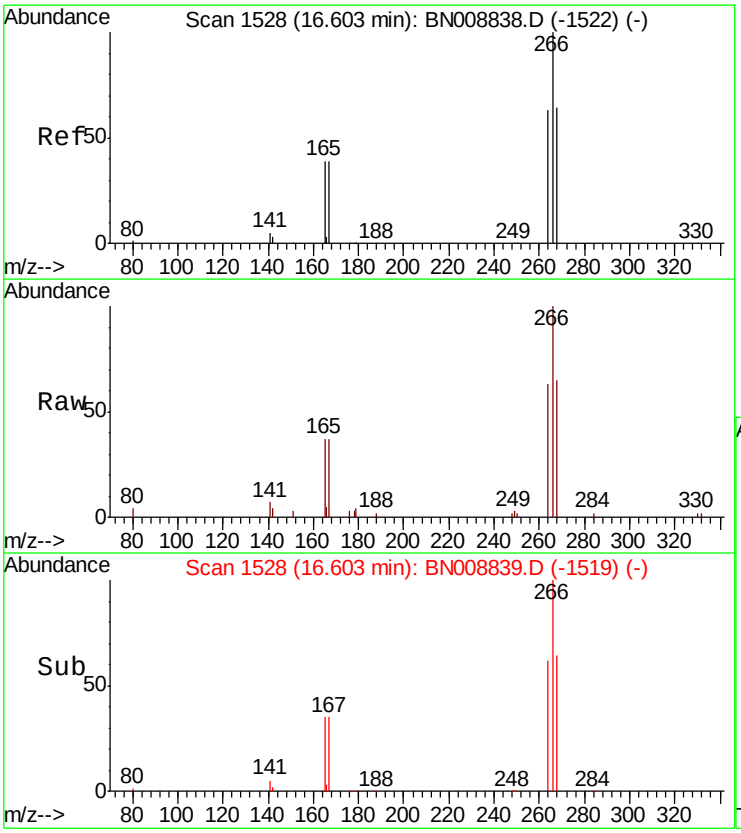
#21
Hexachlorobenzene
Concen: 0.785 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 11012

Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.4	38.0
249	30.4	24.3	36.5

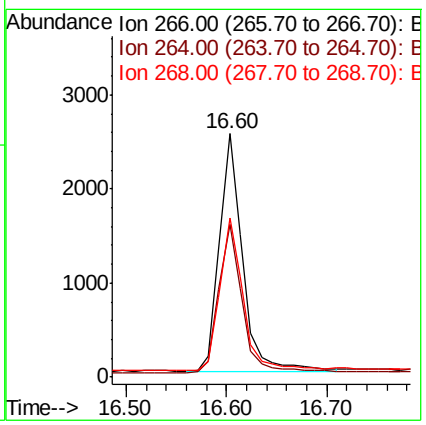


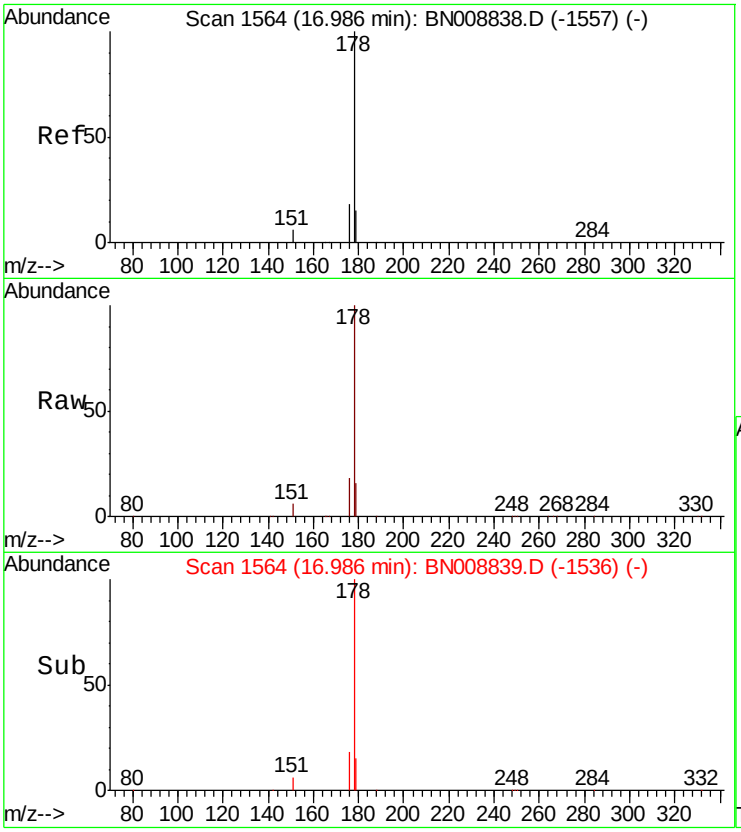


#22
Pentachlorophenol
Concen: 0.781 ng
RT: 16.60 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:266 Resp: 4040

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.0	76.4
268	65.2	53.7	80.5



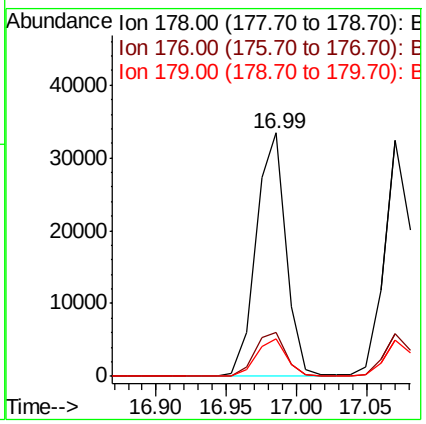


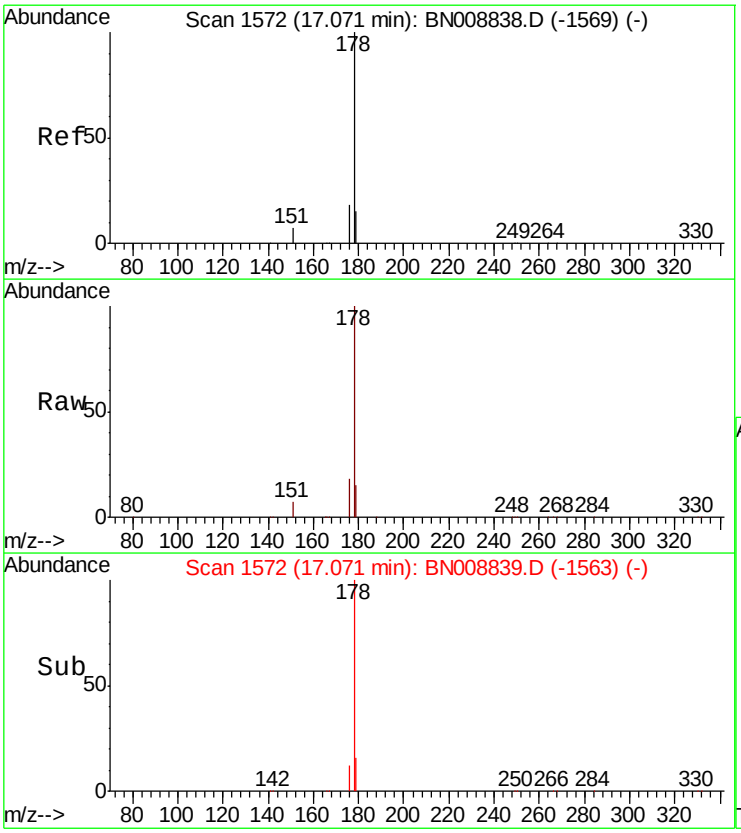
#23
Phenanthrene
Concen: 0.751 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 49408

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.2	18.2

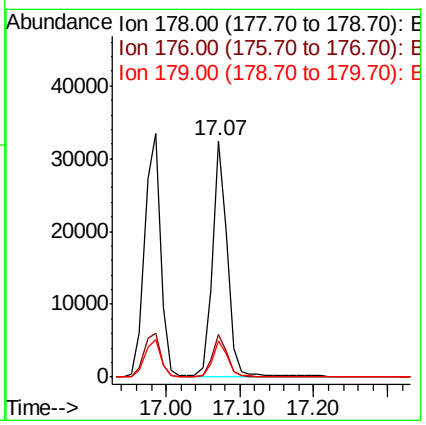


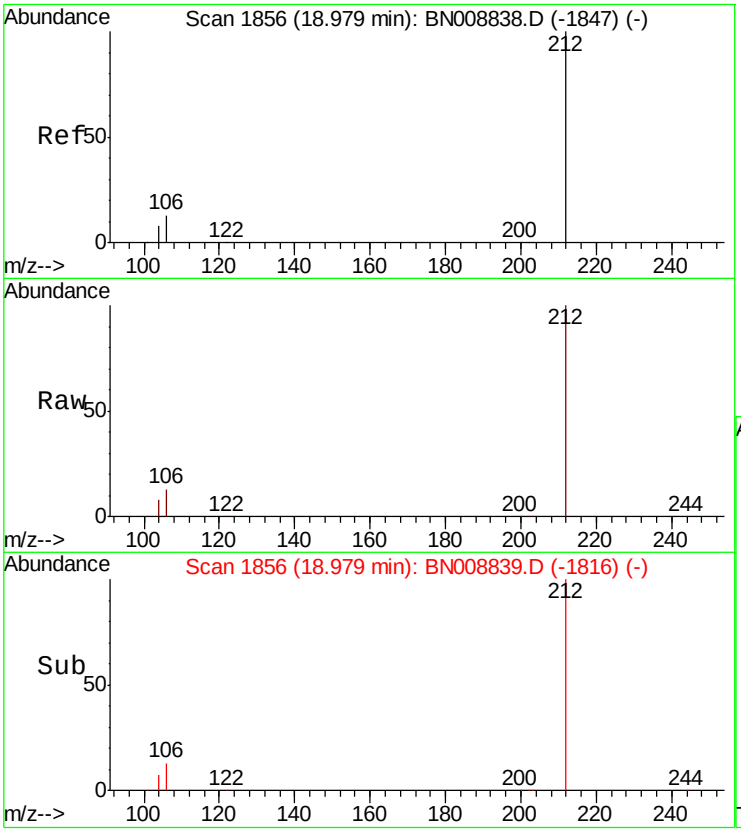


#24
Anthracene
Concen: 0.757 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:178 Resp: 45008

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.3	21.5
179	15.3	12.2	18.2



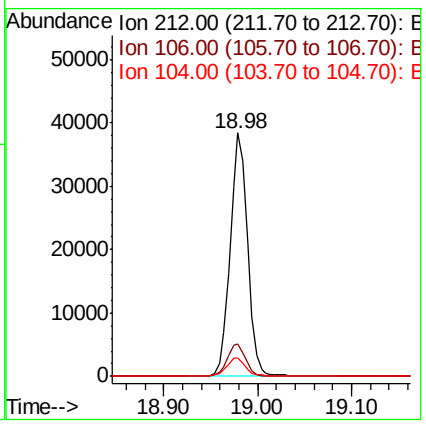


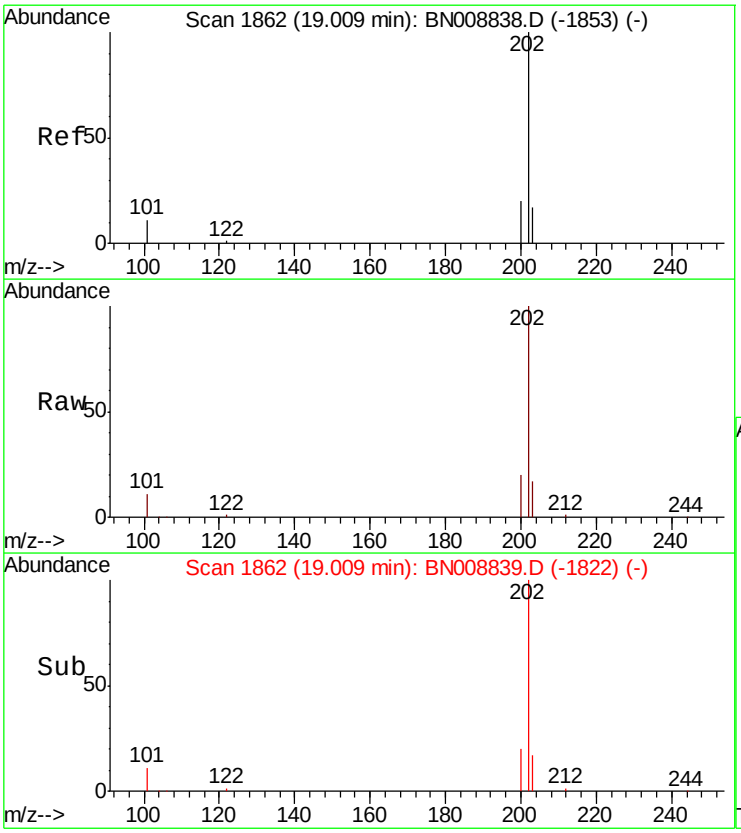
#25
Fluoranthene-d10
Concen: 0.685 ng
RT: 18.98 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 48804

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.7	16.1
104	7.6	6.1	9.1

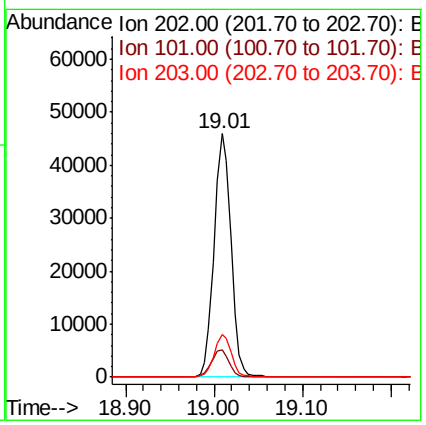


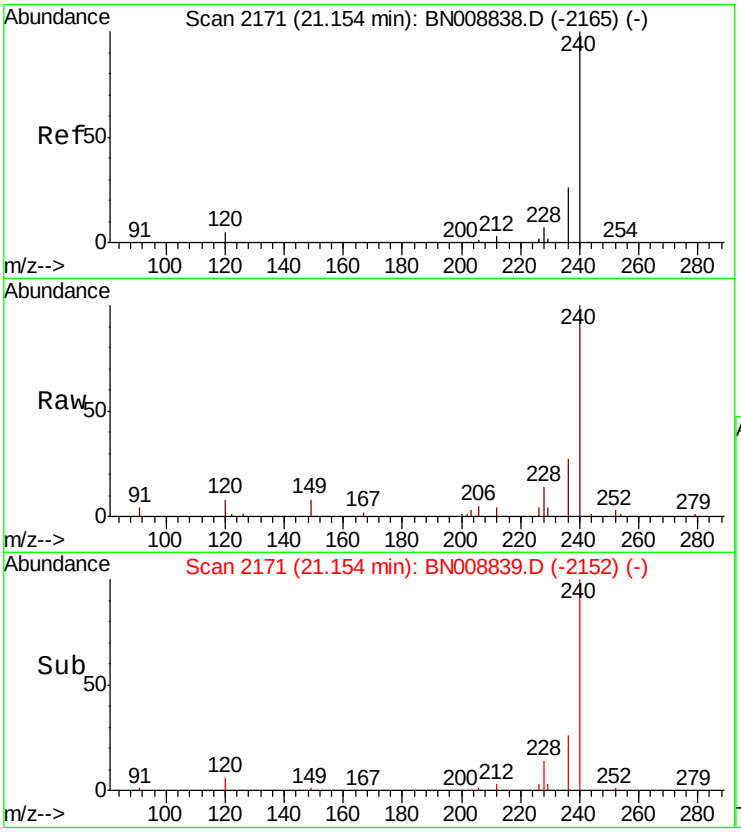


#26
Fluoranthene
Concen: 0.735 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:202 Resp: 60175

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
203	17.3	13.7	20.5



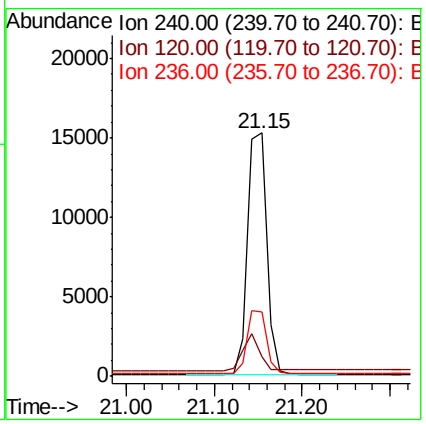


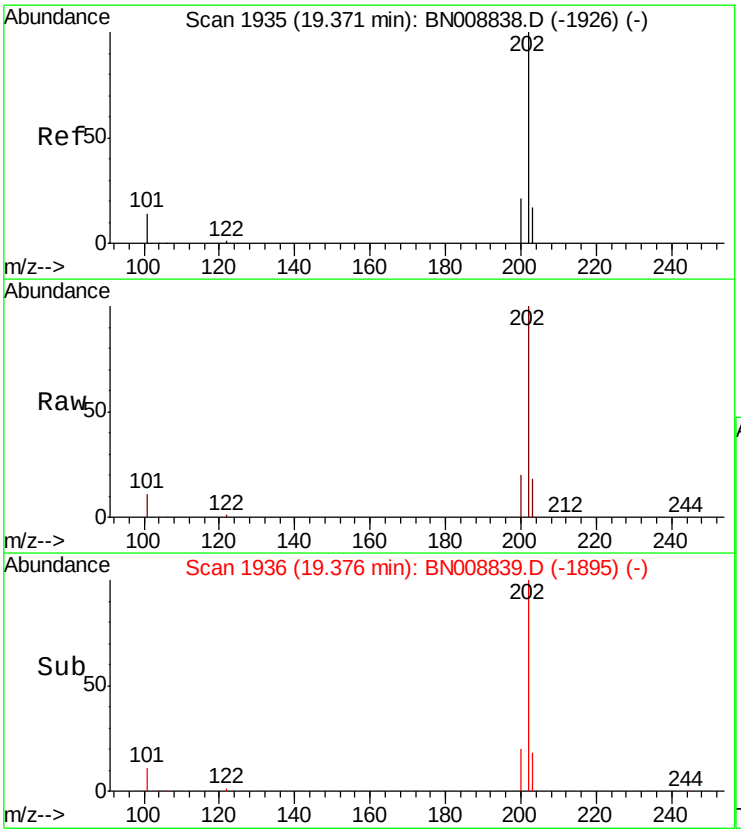
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22961

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.0	9.0
236	26.6	21.4	32.0

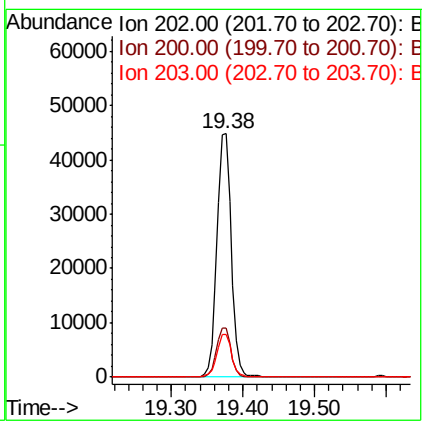


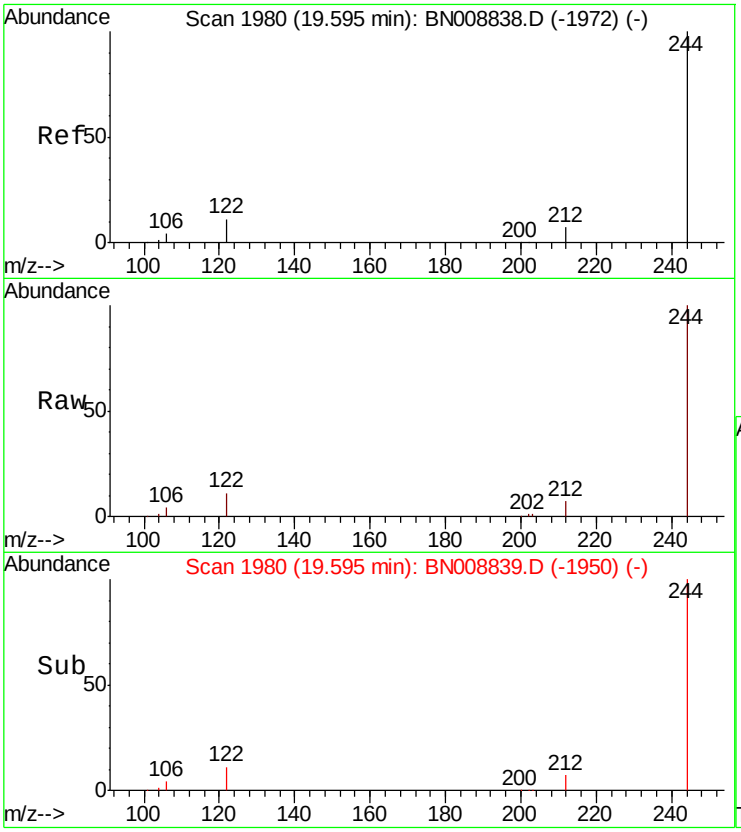


#28
Pyrene
Concen: 0.780 ng
RT: 19.38 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:202 Resp: 61060

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.6	14.2	21.2



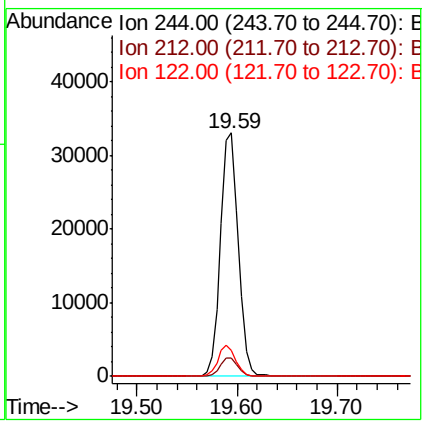


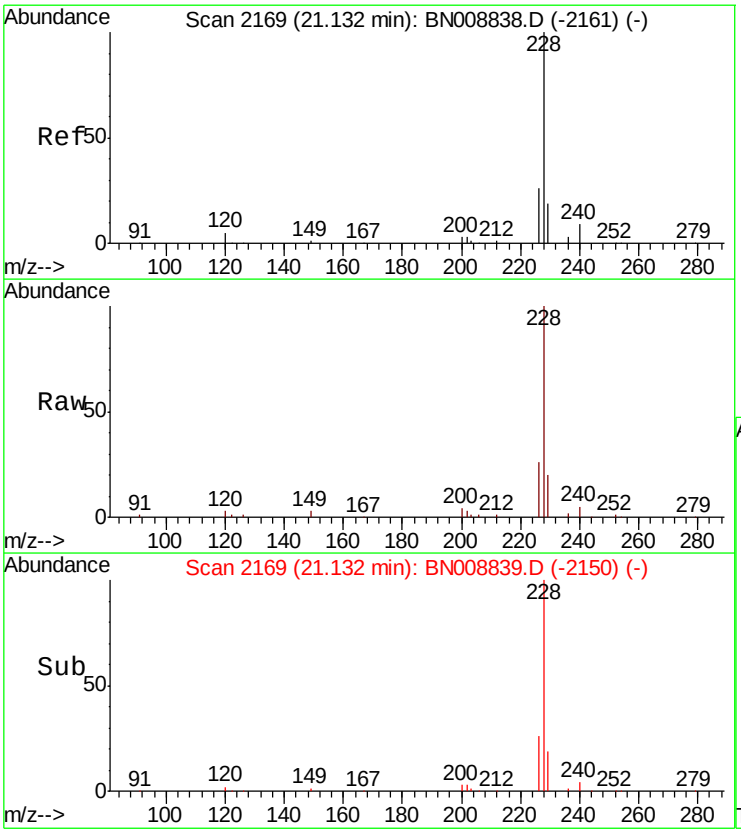
#29
Terphenyl-d14
Concen: 0.720 ng
RT: 19.59 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 40615

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.8	8.9	13.3

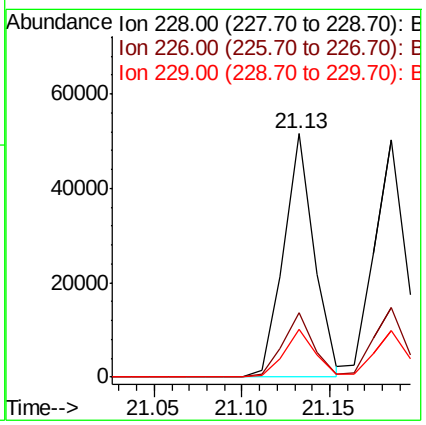


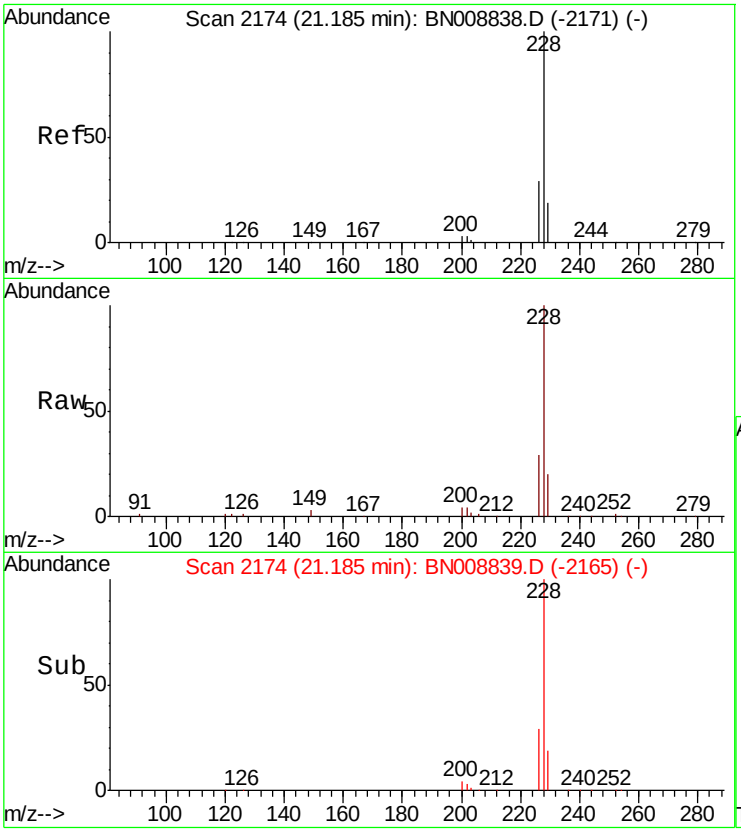


#30
Benzo(a)anthracene
Concen: 0.737 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:228 Resp: 62289

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	19.5	15.9	23.9



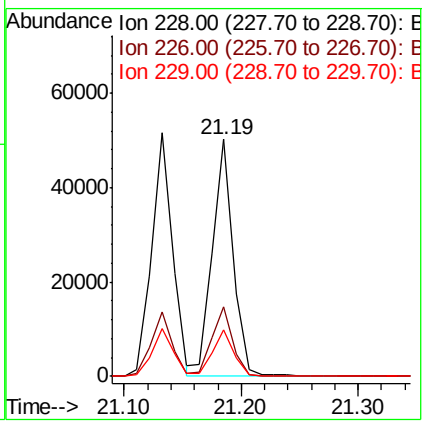


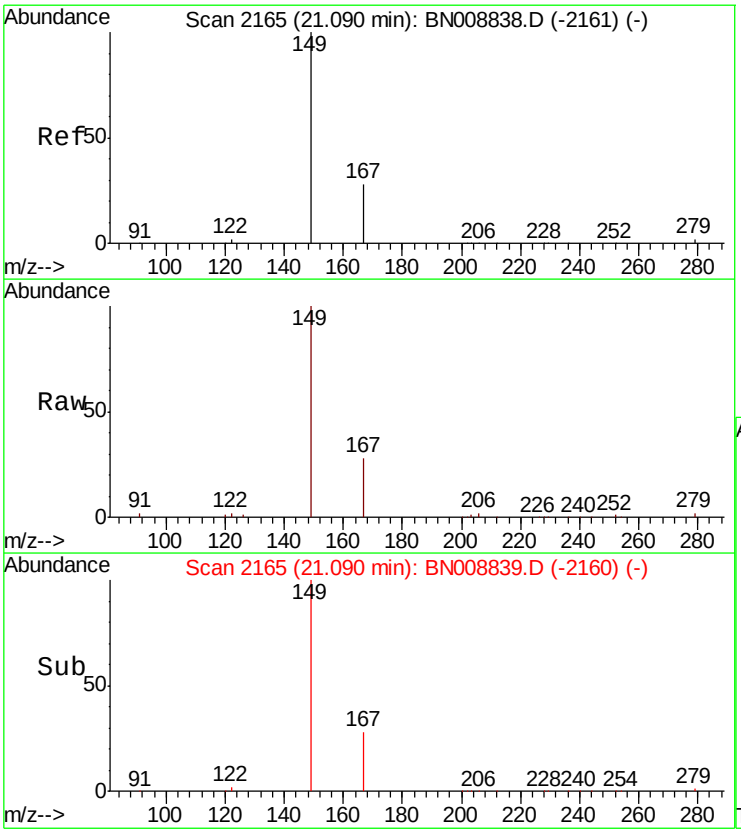
#31
Chrysene
Concen: 0.753 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 62067

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	19.7	15.8	23.8

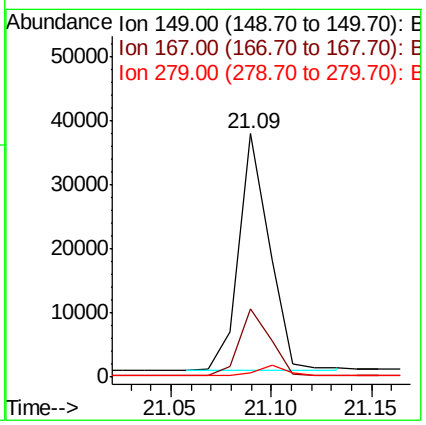


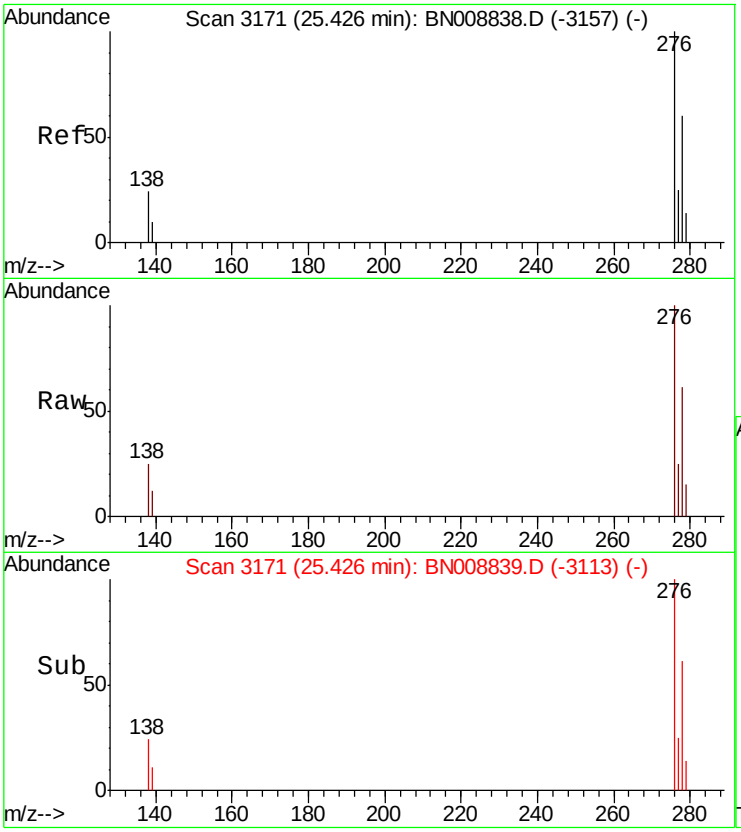


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.904 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:149 Resp: 39314

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.1	34.7
279	4.2	3.4	5.2



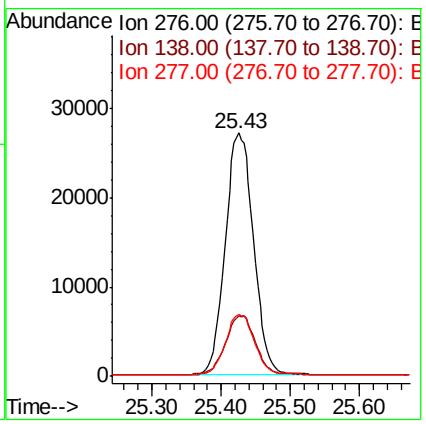


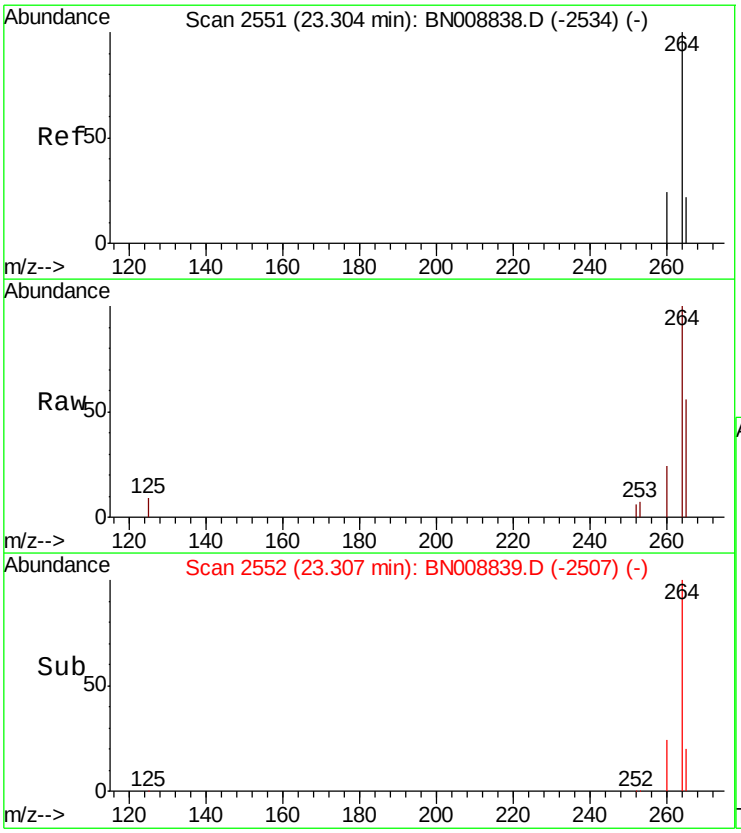
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.745 ng
RT: 25.43 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 76900

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.2
277	24.8	19.8	29.6

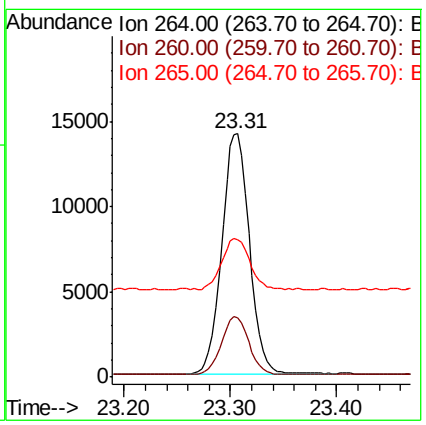


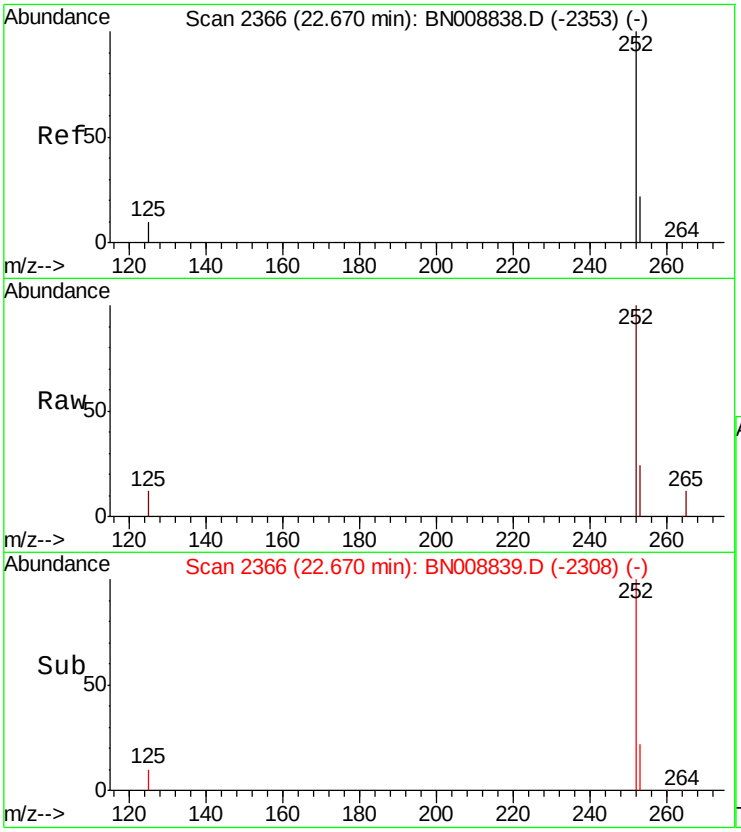


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:264 Resp: 25250

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	56.2	46.8	70.2



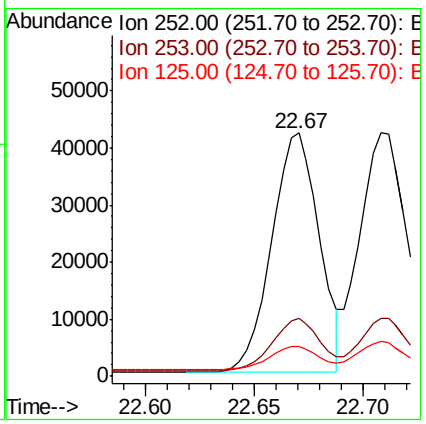


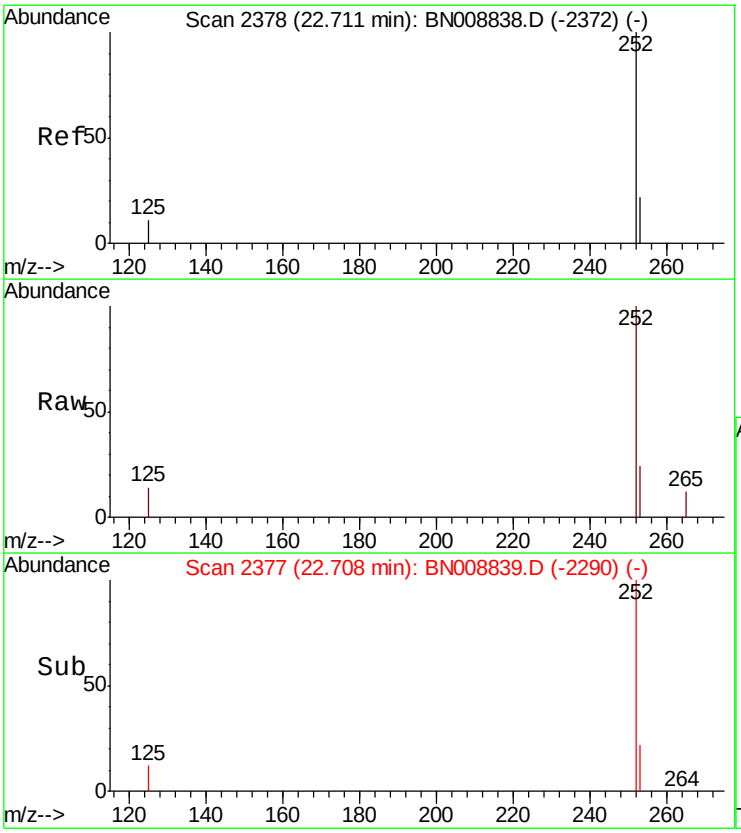
#35
Benzo(b)fluoranthene
Concen: 0.722 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 63327

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.6	31.0
125	12.4	12.3	18.5

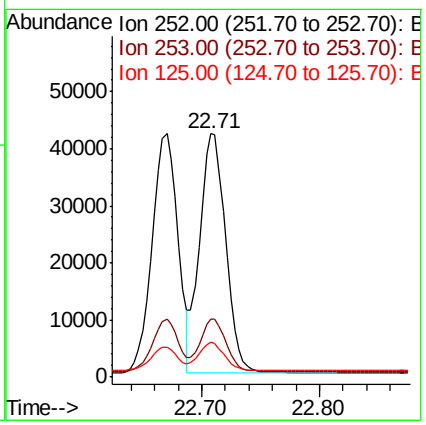


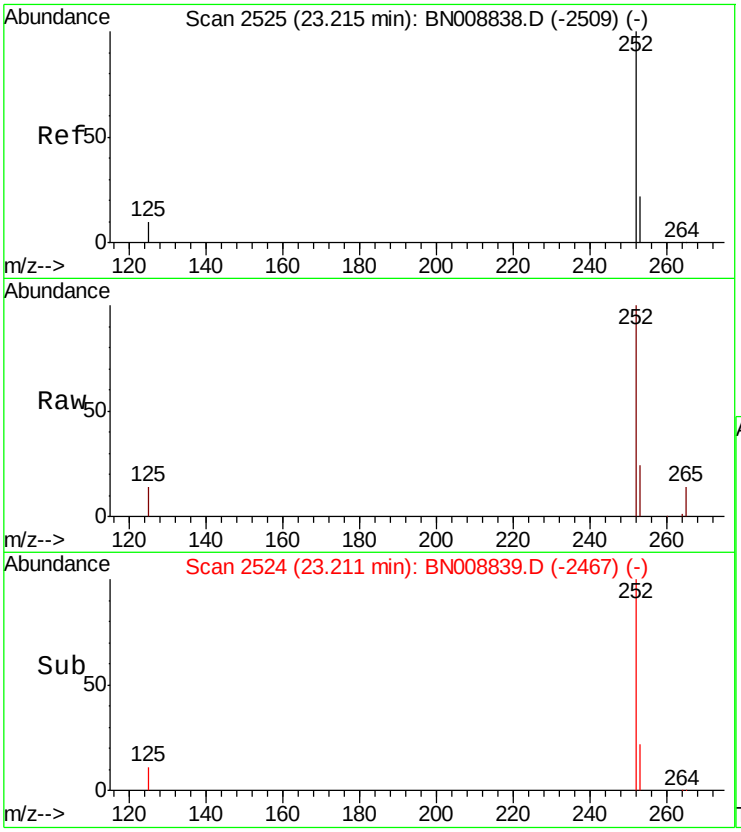


#36
Benzo(k)fluoranthene
Concen: 0.746 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:252 Resp: 64650

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.0	31.4
125	14.2	13.5	20.3



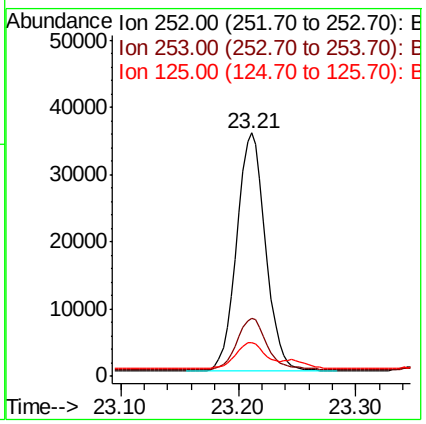


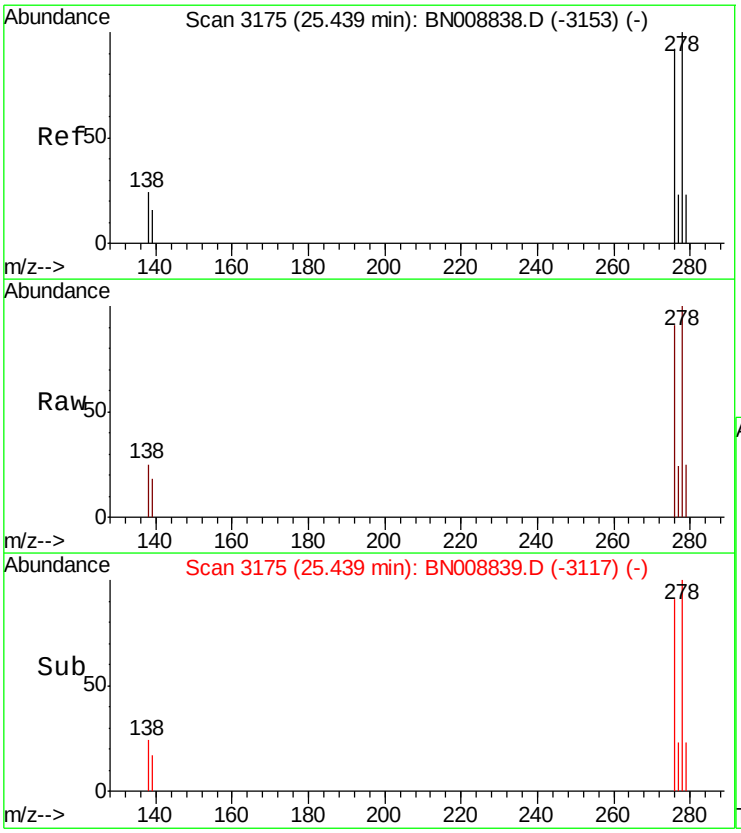
#37
Benzo(a)pyrene
Concen: 0.733 ng
RT: 23.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 60355

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.4	32.2
125	13.8	13.7	20.5

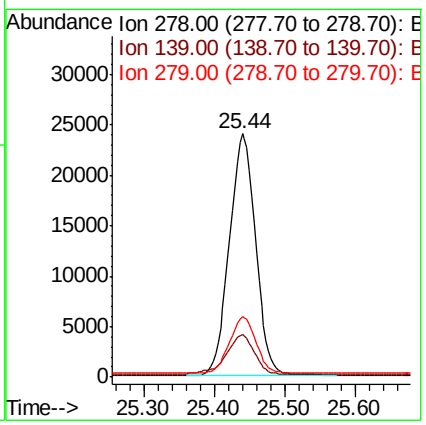


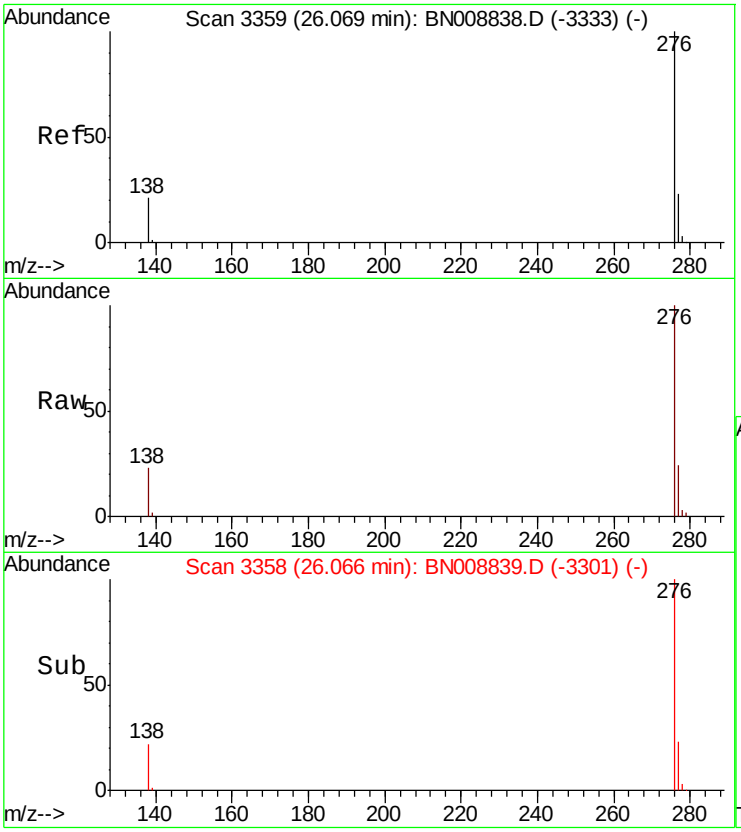


#38
Dibenzo(a,h)anthracene
Concen: 0.741 ng
RT: 25.44 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Tgt Ion:278 Resp: 62490

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.3	22.9
279	24.7	21.2	31.8





#39
Benzo(g,h,i)perylene
Concen: 0.756 ng
RT: 26.07 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BN008839.D
Acq: 04 Dec 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 63035

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.1	30.1
138	22.7	18.6	27.8