Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
Data File : BN008850.D
Acq On : 05 Dec 2019 16:38
Operator : JU
Sample : PB124508BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 06 03:11:37 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 15:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	4214	0.40	ng		-0.02
7) Naphthalene-d8	10.32	136	17894	0.40	ng		-0.01
13) Acenaphthene-d10	14.19	164	12614	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	28335	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	30923	0.40	ng		0.00
34) Perylene-d12	23.31	264	34190	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	4499	0.39	ng		-0.02
5) Phenol-d6	6.74	99	6262	0.40	ng		-0.02
8) Nitrobenzene-d5	8.69	82	6339	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.91	152	12042	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	2637	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.81	172	19002	0.40	ng		0.00
25) Fluoranthene-d10	18.98	212	34188	0.40	ng		0.00
29) Terphenyl-d14	19.59	244	28315	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1472	0.364	ng	#	100
3) n-Nitrosodimethylamine	3.51	42	2100	0.375	ng	#	100
6) bis(2-Chloroethyl)ether	6.99	93	5642	0.404	ng		97
9) Naphthalene	10.37	128	19159	0.402	ng		99
10) Hexachlorobutadiene	10.67	225	3827	0.407	ng	#	100
12) 2-Methylnaphthalene	11.99	142	14205	0.404	ng		100
16) Acenaphthylene	13.90	152	22609	0.384	ng		100
17) Acenaphthene	14.25	154	14888	0.399	ng		99
18) Fluorene	15.24	166	19835	0.401	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	6678	0.403	ng	#	83
21) Hexachlorobenzene	16.25	284	7715	0.403	ng		99
22) Pentachlorophenol	16.60	266	2812	0.367	ng		98
23) Phenanthrene	16.97	178	34875	0.403	ng		100
24) Anthracene	17.07	178	31051	0.391	ng		100
26) Fluoranthene	19.01	202	41954	0.403	ng		100
28) Pyrene	19.37	202	43329	0.402	ng		100
30) Benzo(a)anthracene	21.13	228	43956	0.393	ng		99
31) Chrysene	21.19	228	42324	0.390	ng		100
32) Bis(2-ethylhexyl)phthalate	21.09	149	25602	0.344	ng		100
33) Indeno(1,2,3-cd)pyrene	25.43	276	54592	0.408	ng		98
35) Benzo(b)fluoranthene	22.67	252	44652	0.393	ng		96
36) Benzo(k)fluoranthene	22.71	252	45687	0.409	ng		96
37) Benzo(a)pyrene	23.21	252	42275	0.395	ng		96
38) Dibenzo(a,h)anthracene	25.44	278	44190	0.404	ng		97
39) Benzo(g,h,i)perylene	26.07	276	44604	0.403	ng		98

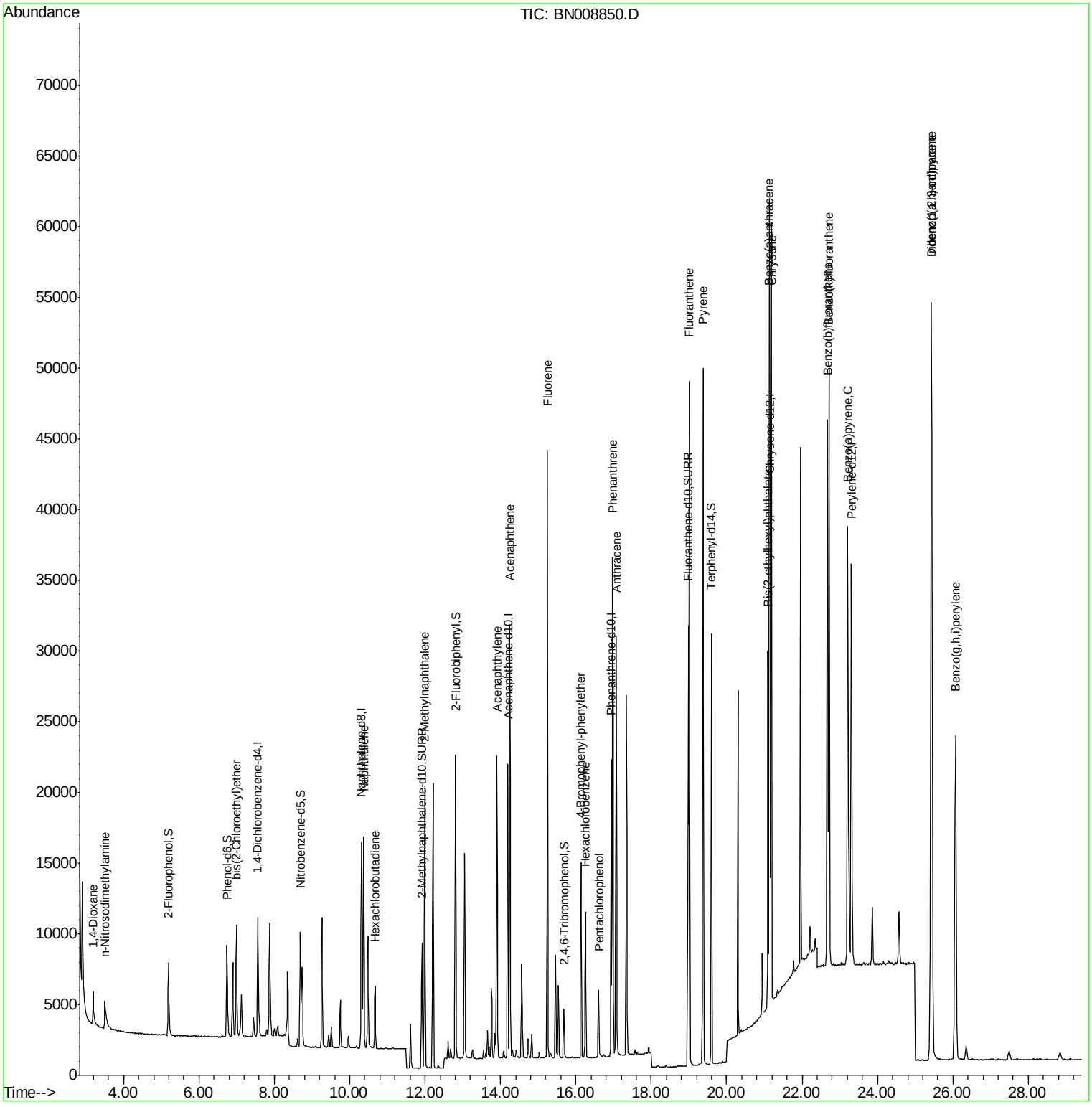
(#) = qualifier out of range (m) = manual integration (+) = signals summed

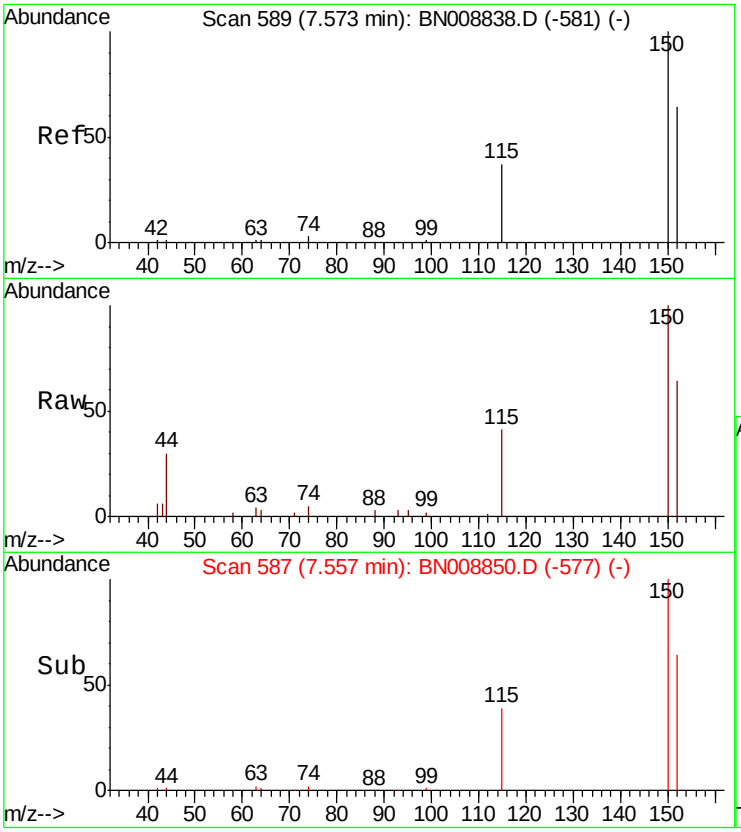
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
Data File : BN008850.D
Acq On : 05 Dec 2019 16:38
Operator : JU
Sample : PB124508BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 06 03:11:37 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 15:42:09 2019
Response via : Initial Calibration



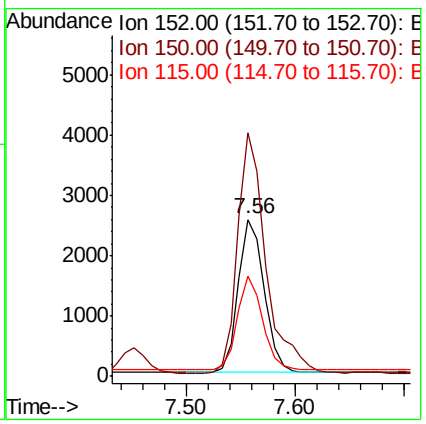


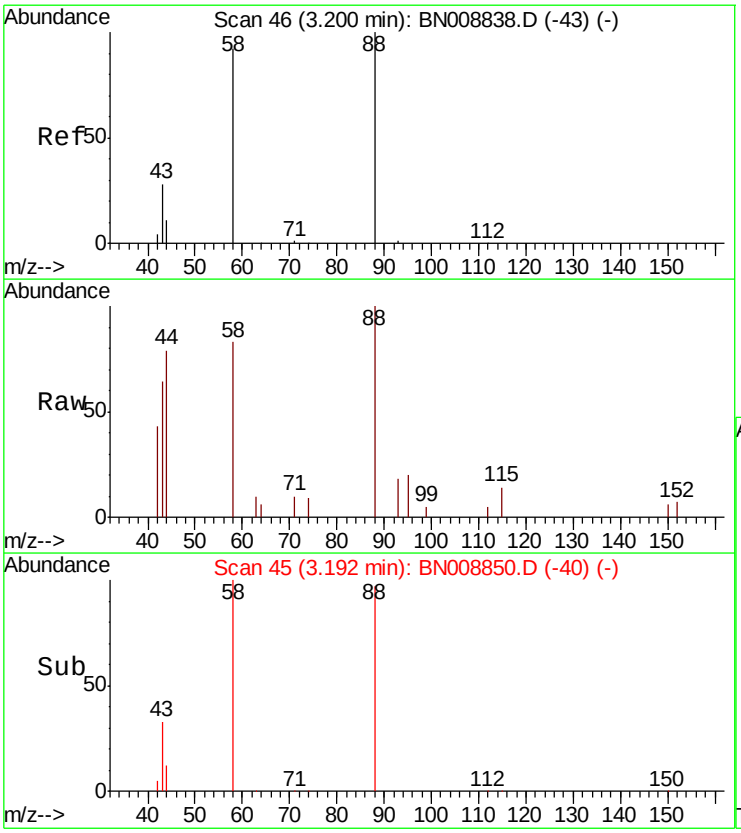
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.02 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4214

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	63.8	49.9	74.9

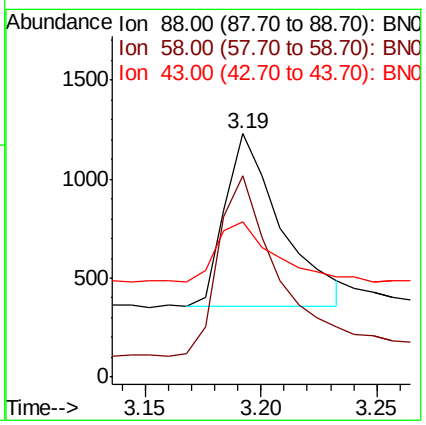


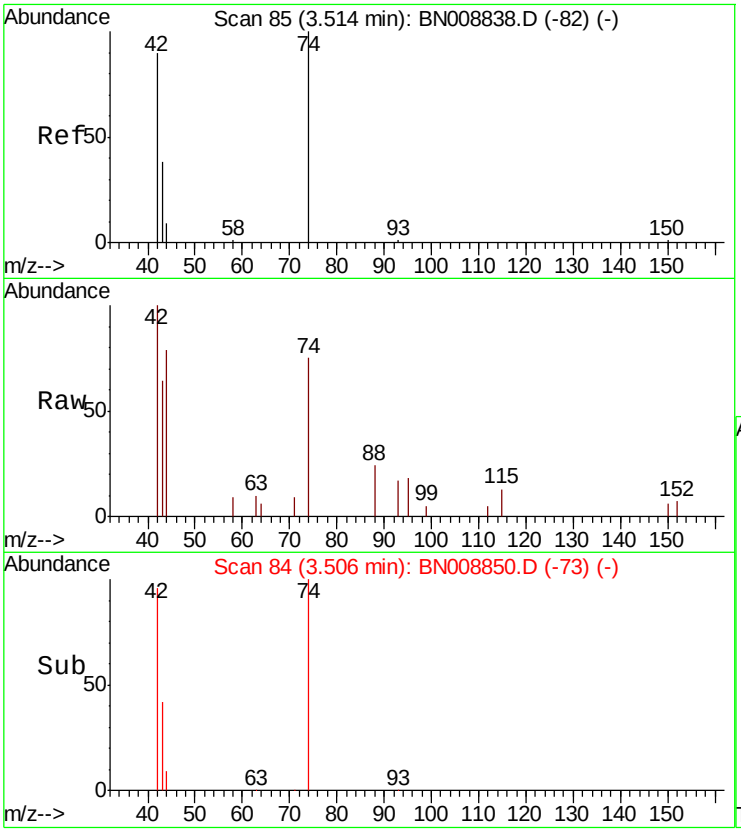


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion: 88 Resp: 1472

Ion	Ratio	Lower	Upper
88	100		
58	109.9	0.0	0.0#
43	35.8	0.0	0.0#



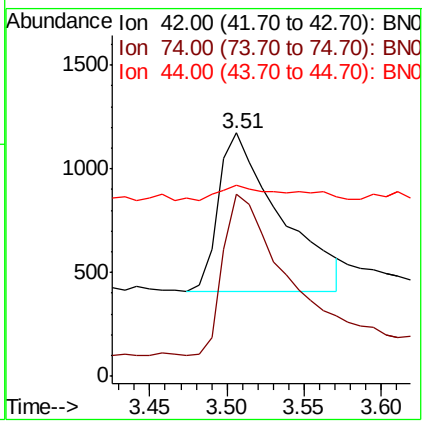


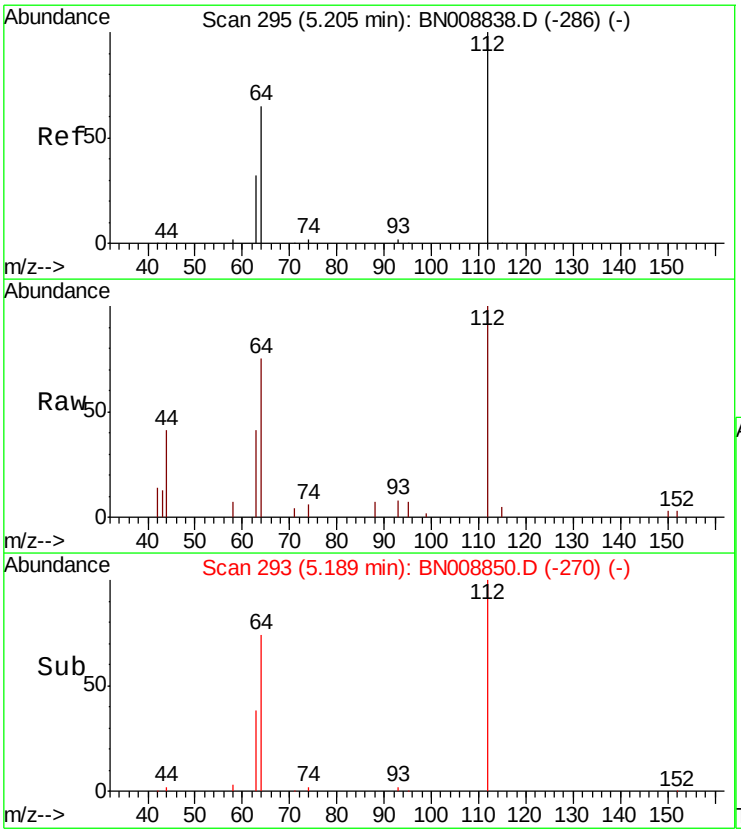
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2100

Ion	Ratio	Lower	Upper
42	100		
74	103.9	0.0	0.0#
44	11.6	0.0	0.0#

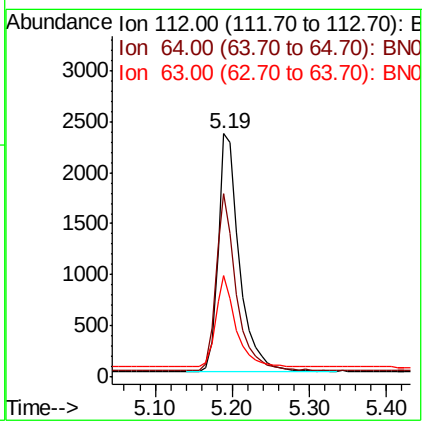


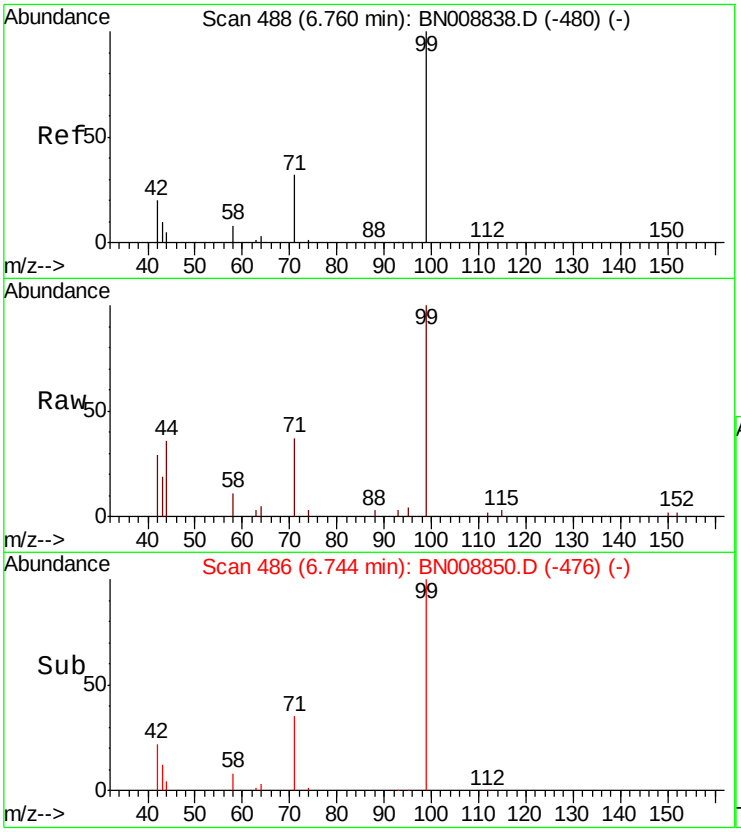


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.02 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:112 Resp: 4499

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.3	84.5
63	36.1	28.2	42.2



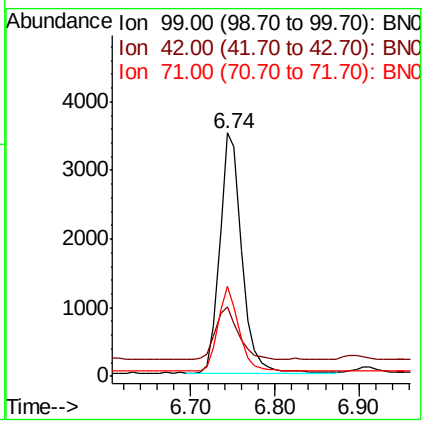


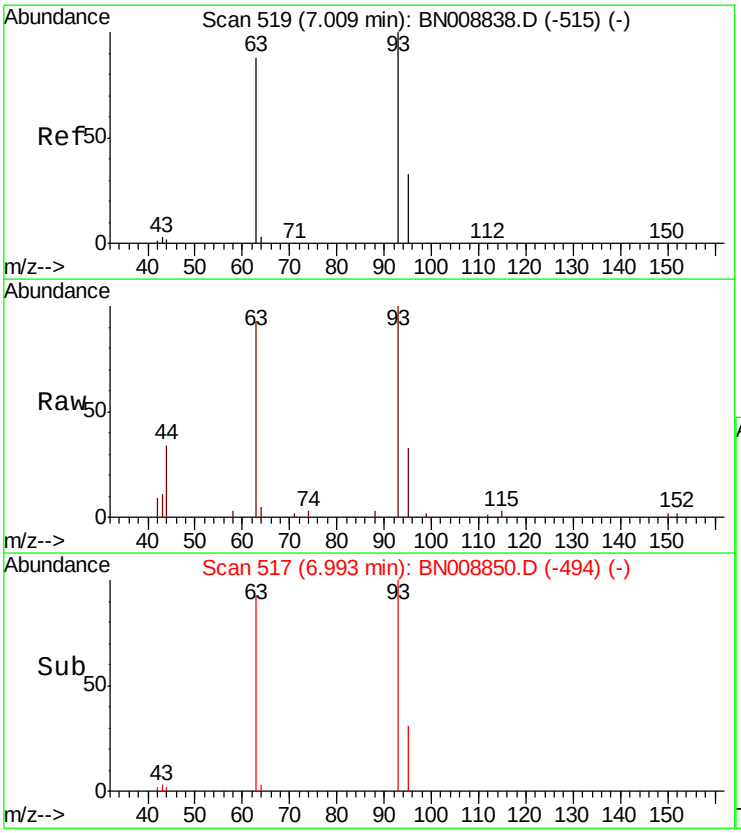
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.02 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6262

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.1	27.1
71	34.3	26.6	40.0

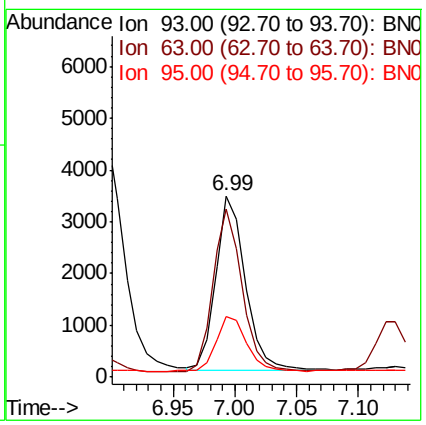


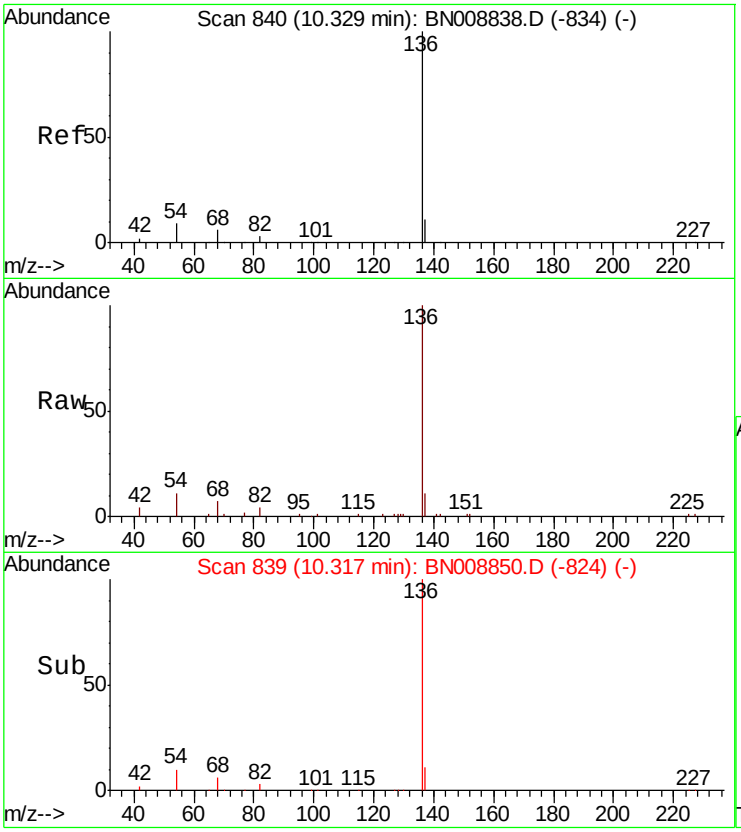


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.02 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion: 93 Resp: 5642

Ion	Ratio	Lower	Upper
93	100		
63	93.1	72.1	108.1
95	32.9	25.7	38.5



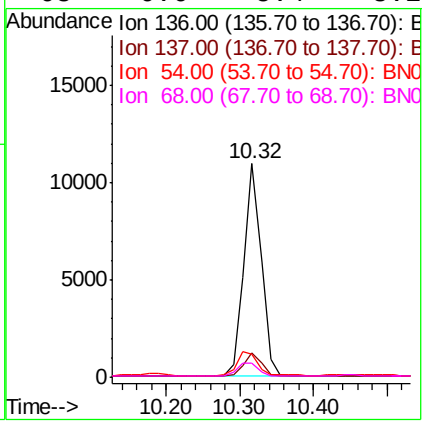


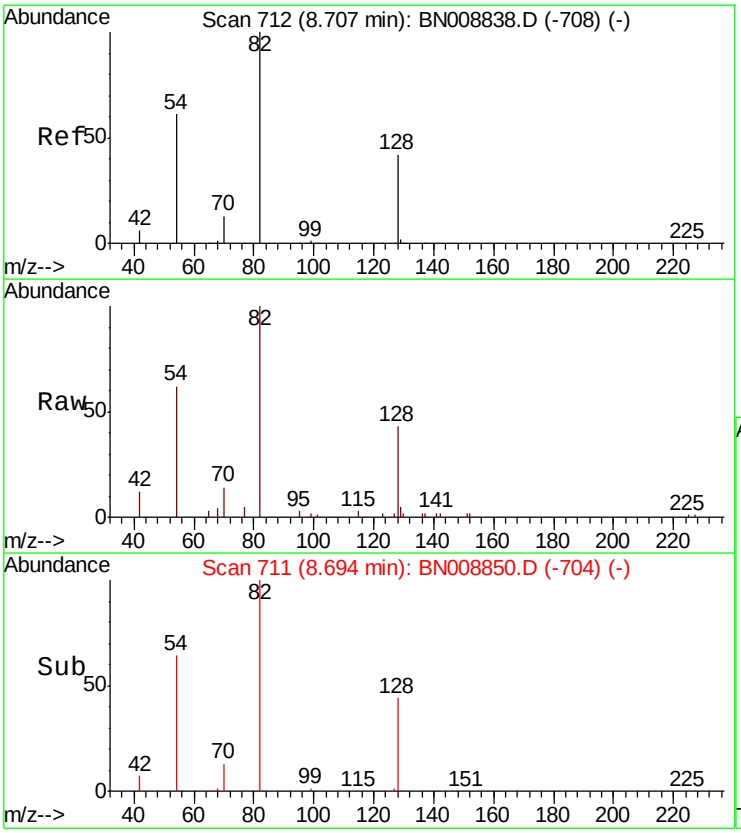
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17894

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	8.2	12.2
68	6.6	5.4	8.2

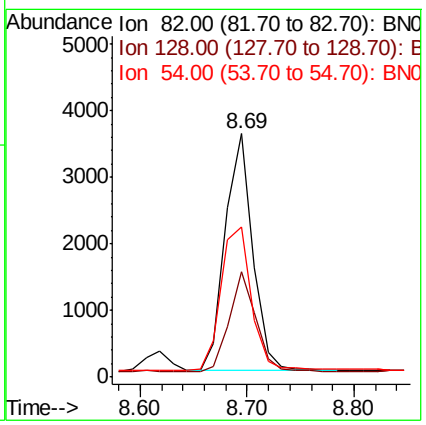


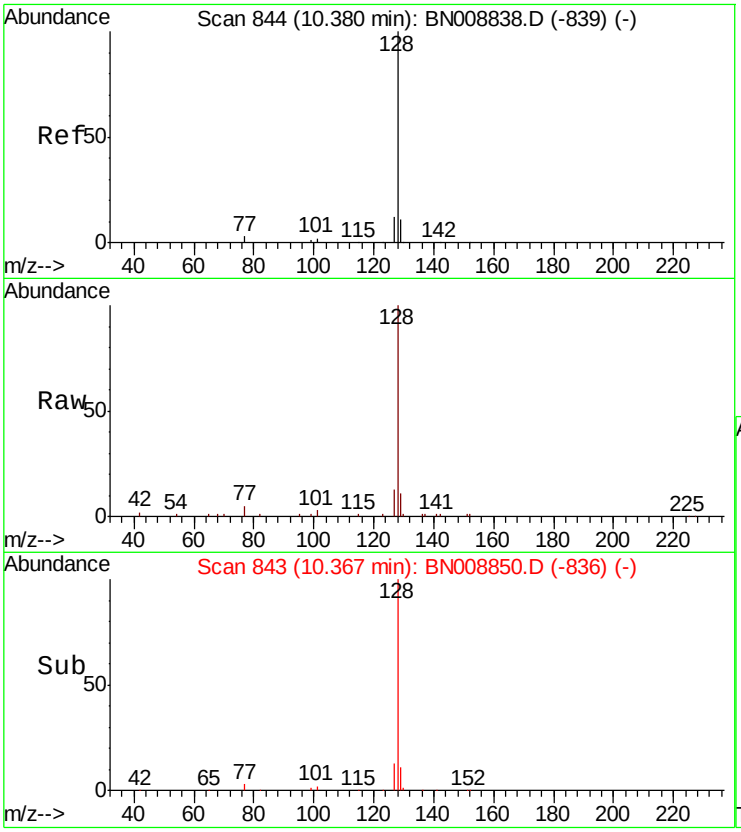


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion: 82 Resp: 6339

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.0	52.6
54	61.9	50.2	75.2



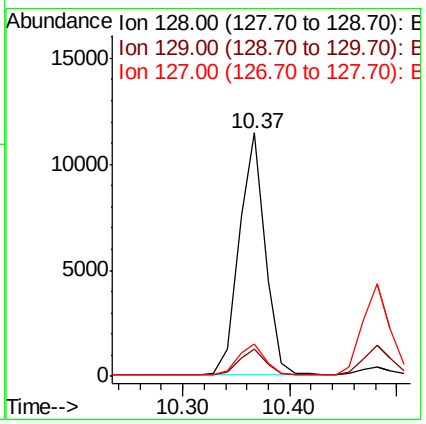


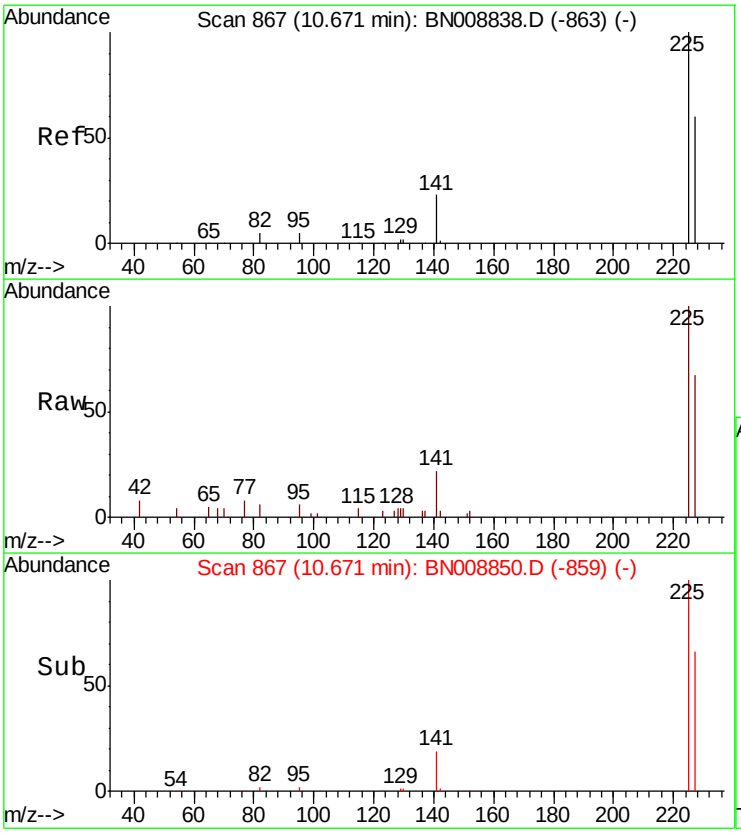
#9
Naphthalene
Concen: 0.402 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19159

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.3	10.5	15.7

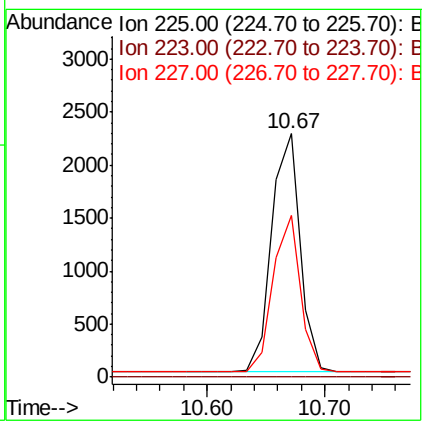


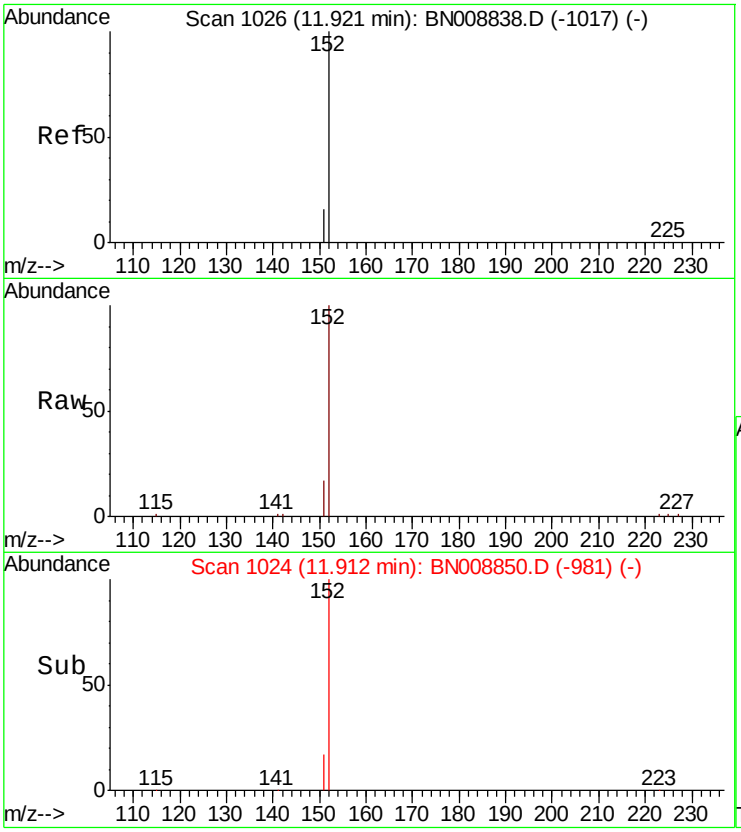


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:225 Resp: 3827

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.9	76.3



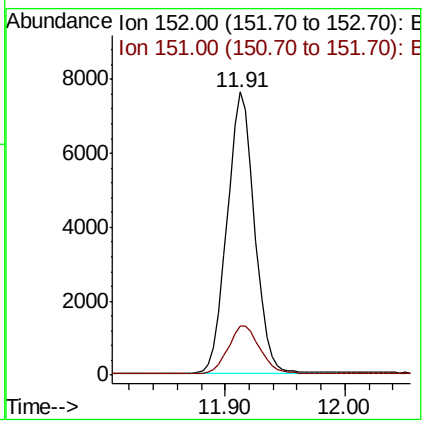


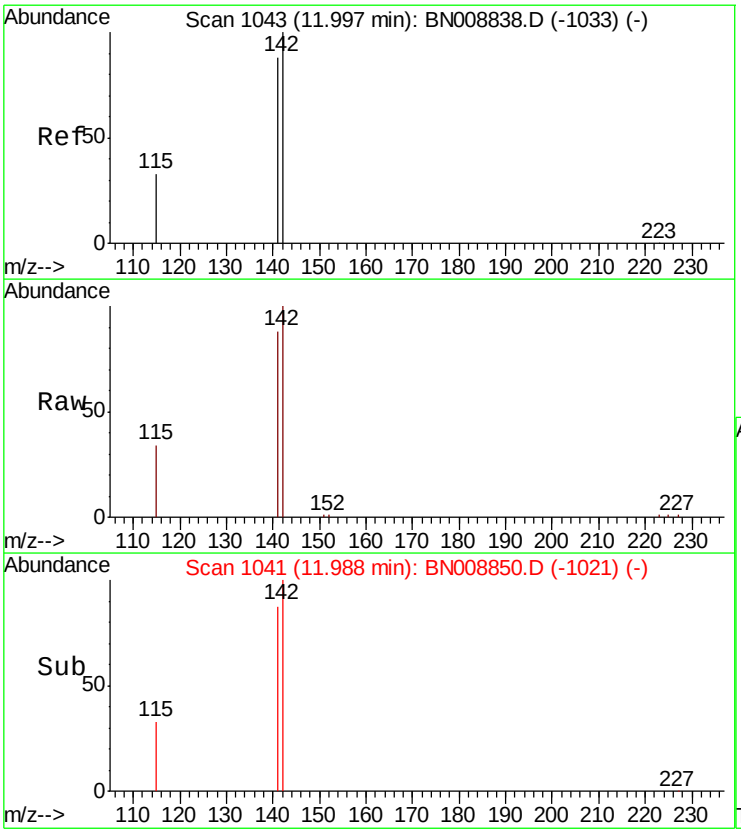
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 11.91 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12042

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

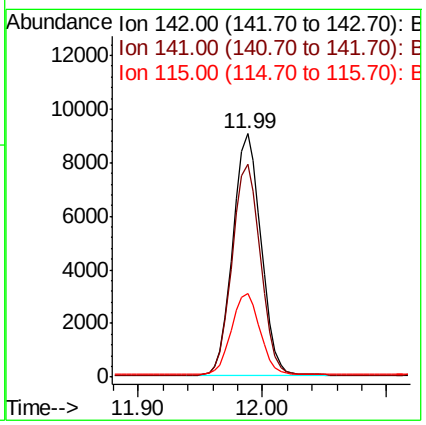


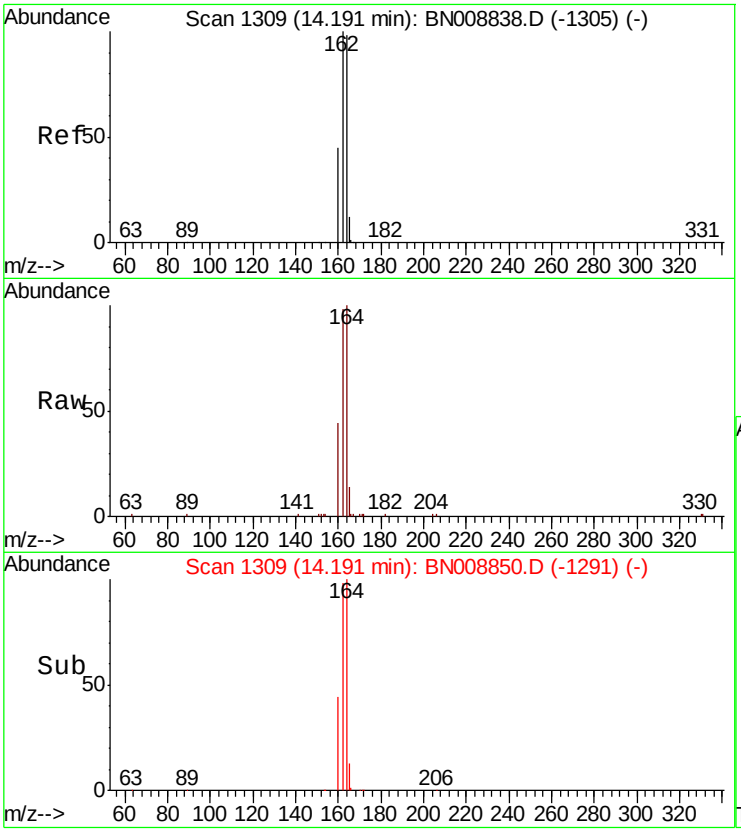


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 11.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:142 Resp: 14205

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.4
115	34.3	27.6	41.4



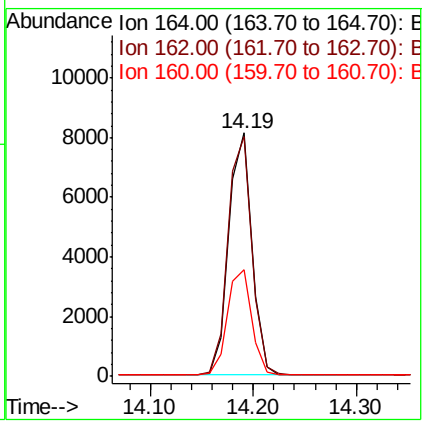


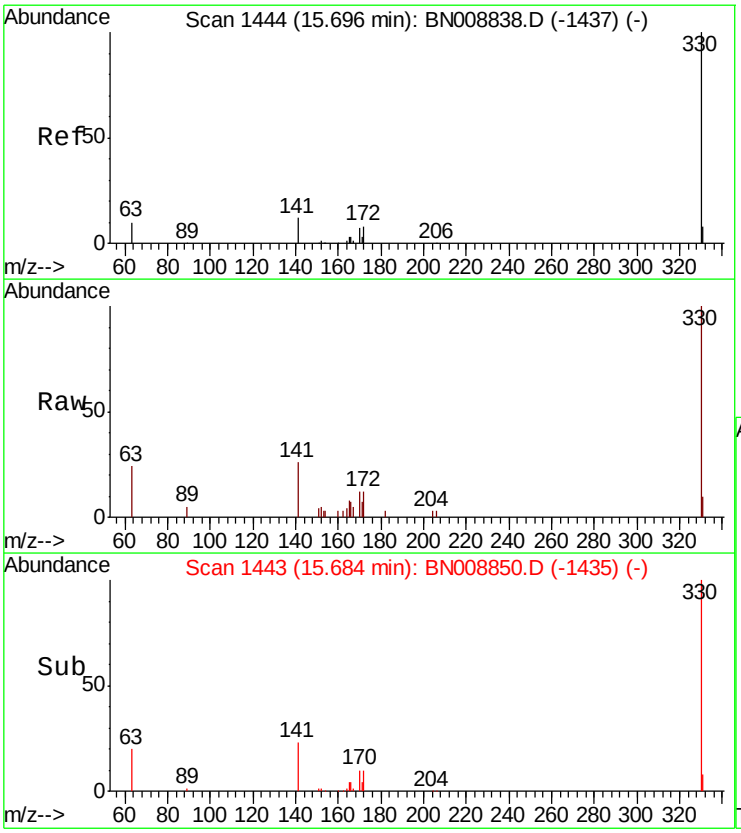
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12614

Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.9	122.9
160	44.0	37.4	56.2

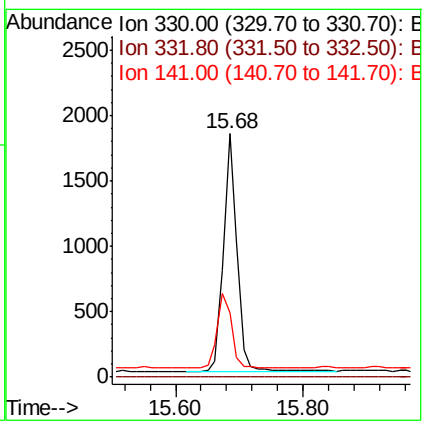


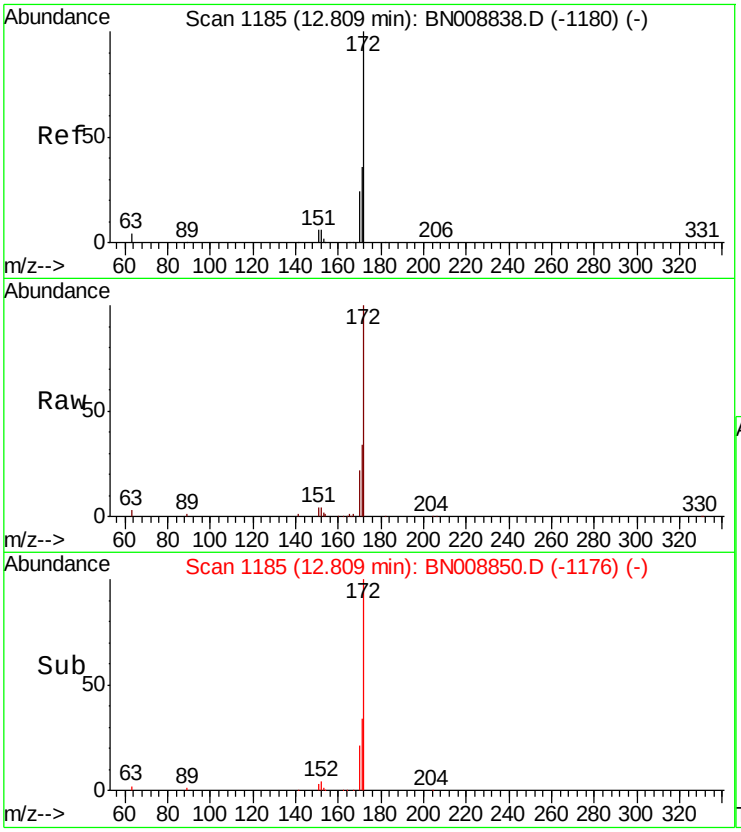


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.68 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:330 Resp: 2637

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	26.2	39.4



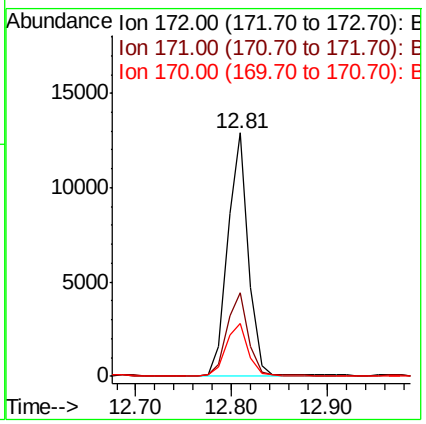


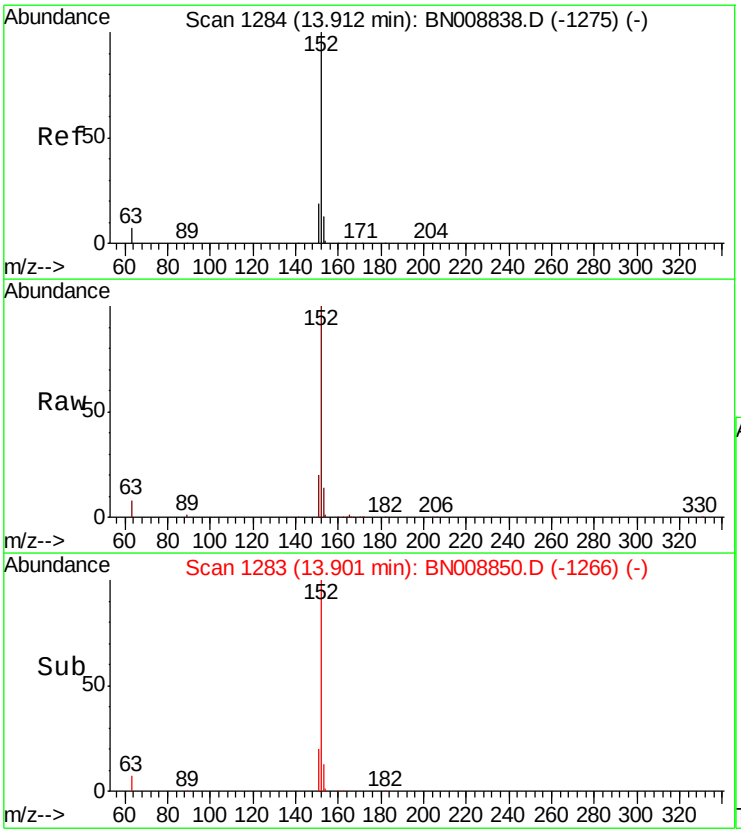
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19002

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	21.8	19.7	29.5

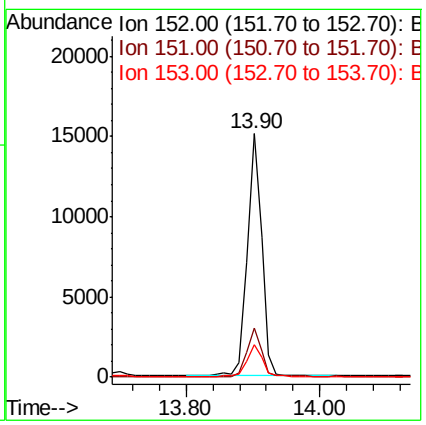


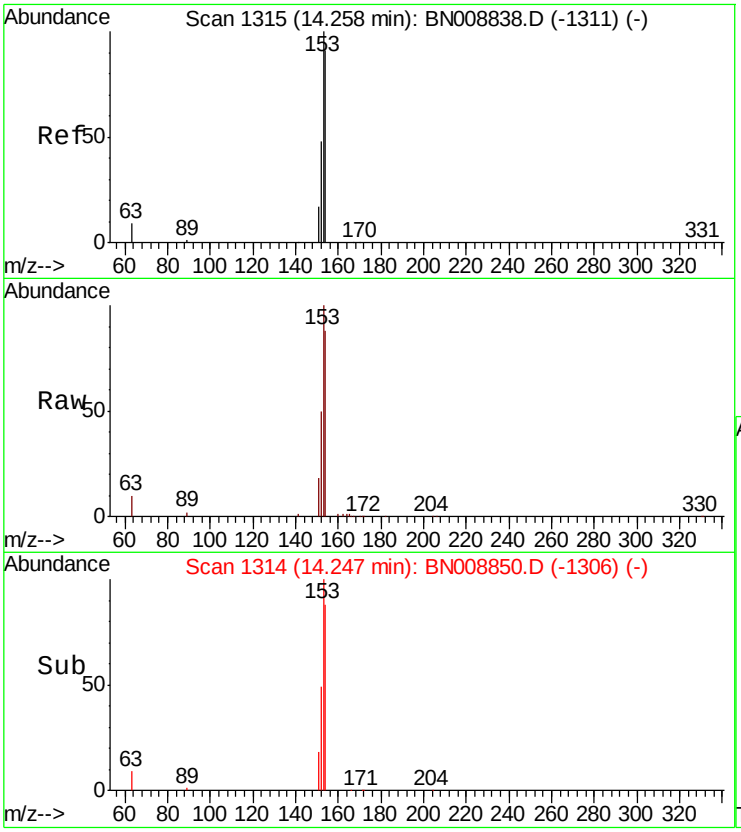


#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.90 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:152 Resp: 22609

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.1	10.4	15.6



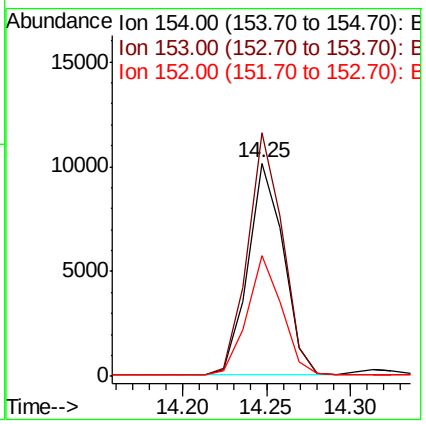


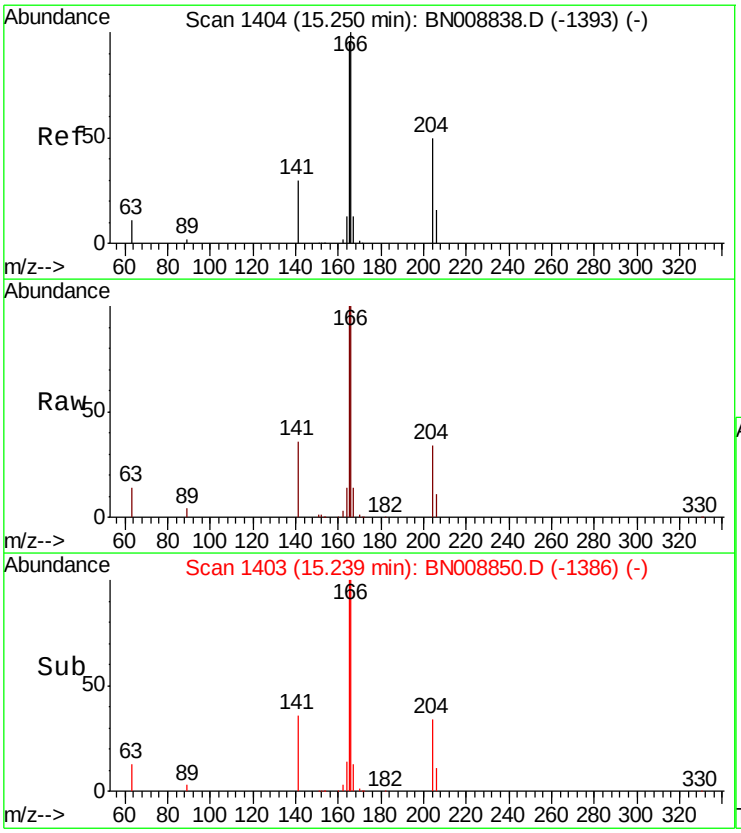
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 14888

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.4	134.2
152	55.8	43.8	65.8

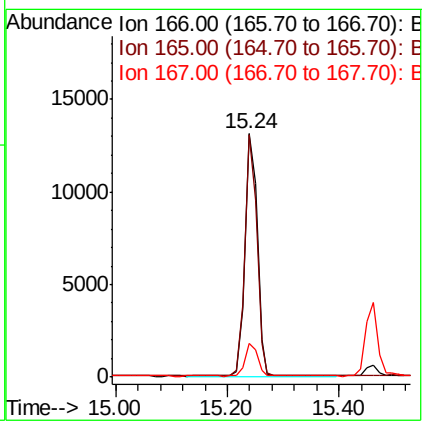


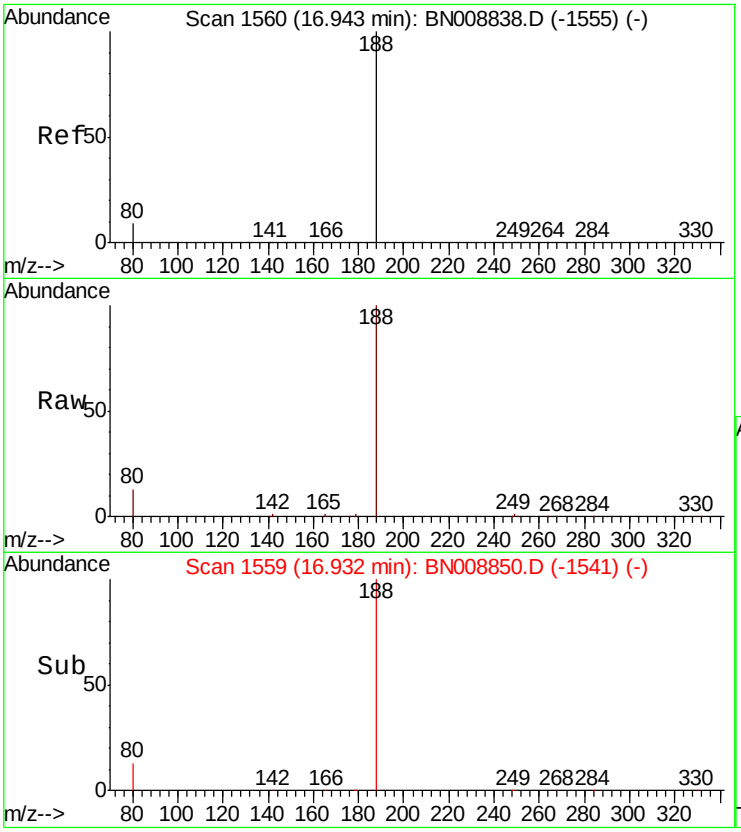


#18
Fluorene
Concen: 0.401 ng
RT: 15.24 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:166 Resp: 19835

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.0	115.6
167	13.5	10.8	16.2



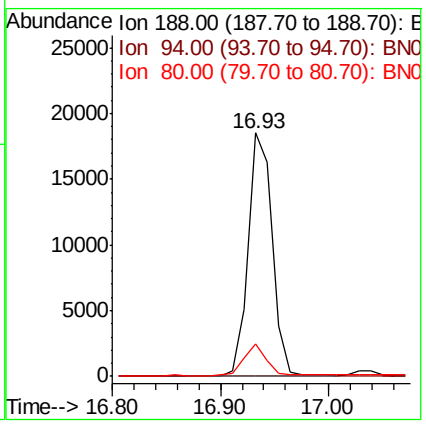


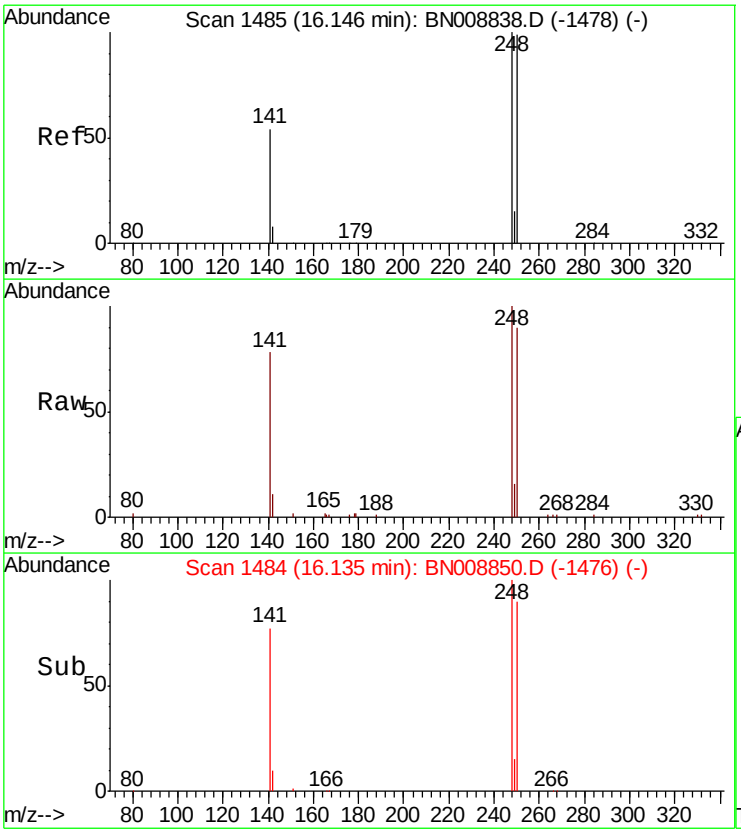
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 28335

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	7.4	11.2#

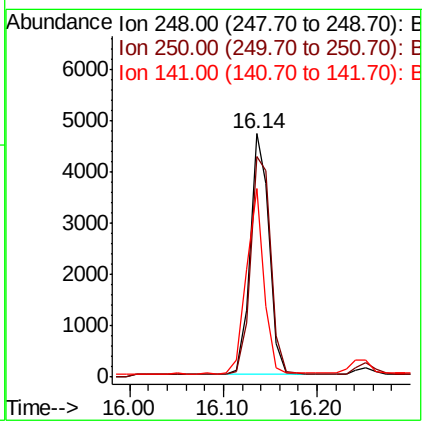


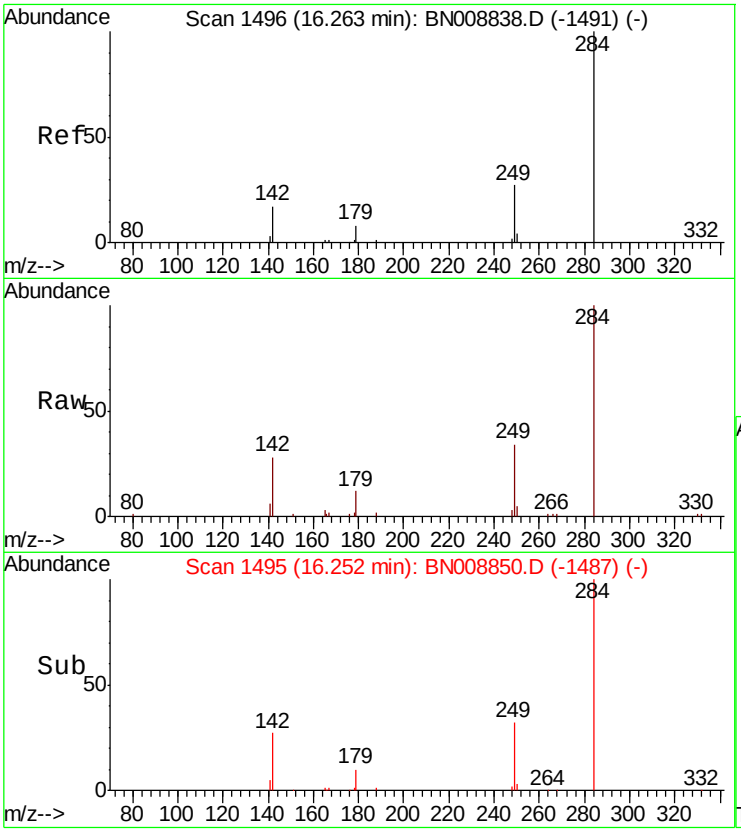


#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.14 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:248 Resp: 6678

Ion	Ratio	Lower	Upper
248	100		
250	90.5	79.7	119.5
141	77.7	44.7	67.1#



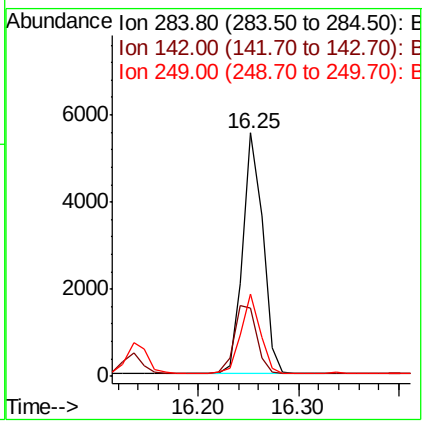


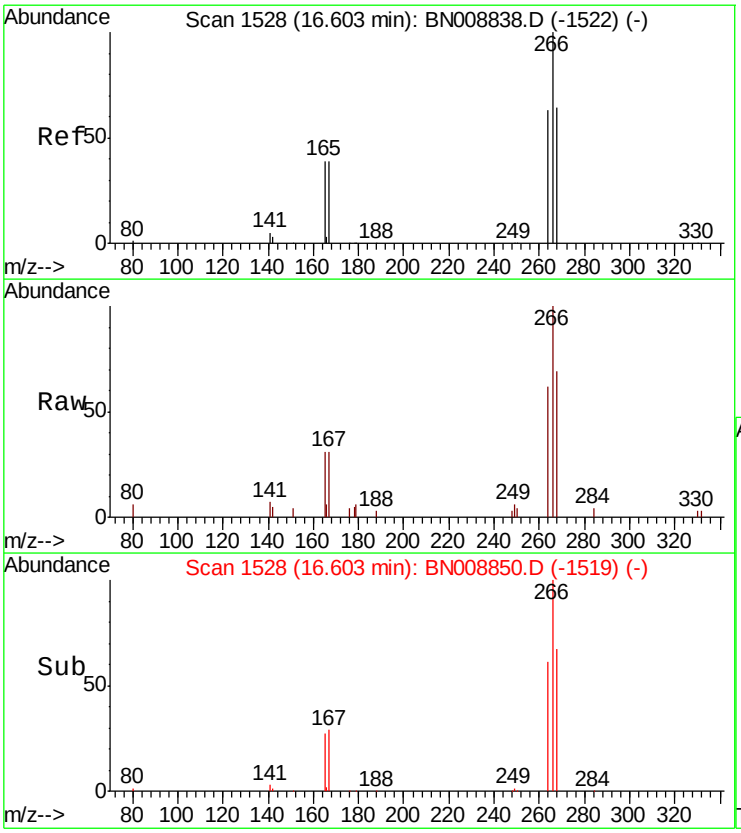
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7715

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.4	38.0
249	31.1	24.3	36.5

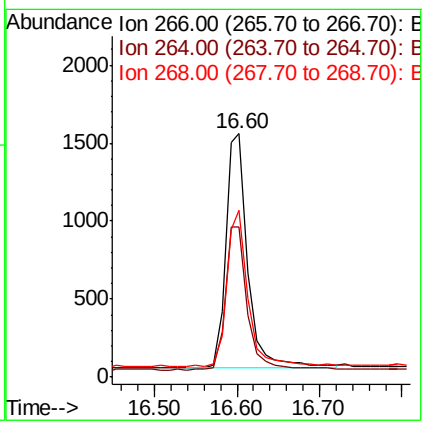


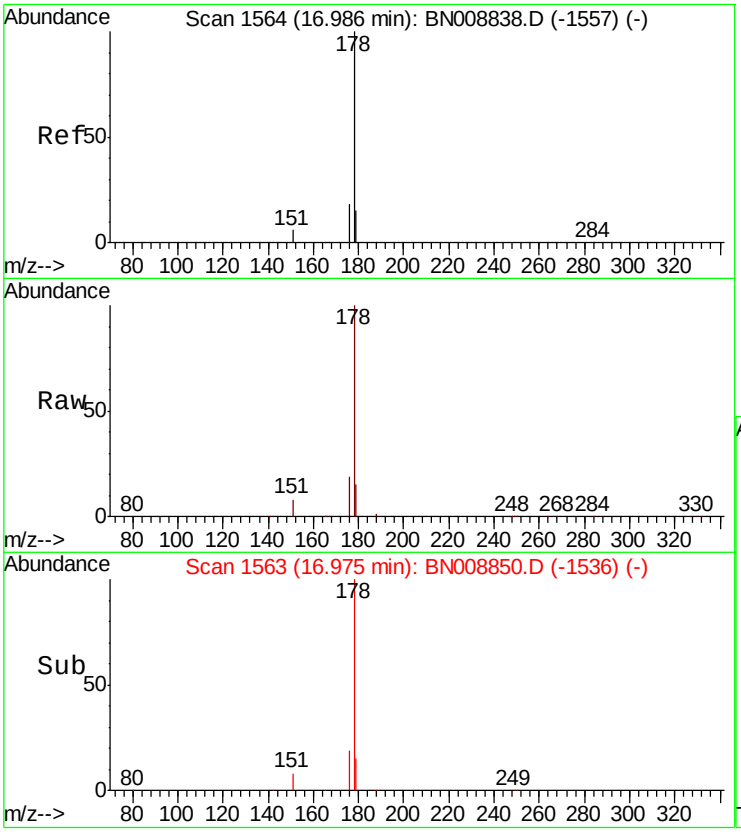


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.60 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:266 Resp: 2812

Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.0	76.4
268	68.7	53.7	80.5



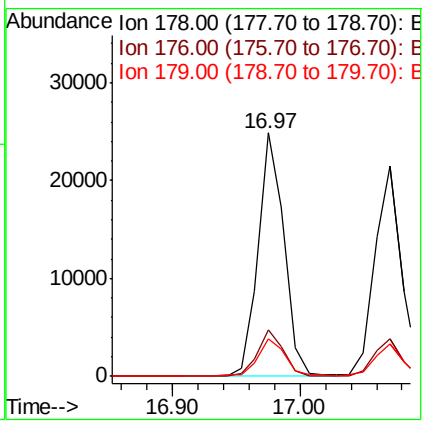


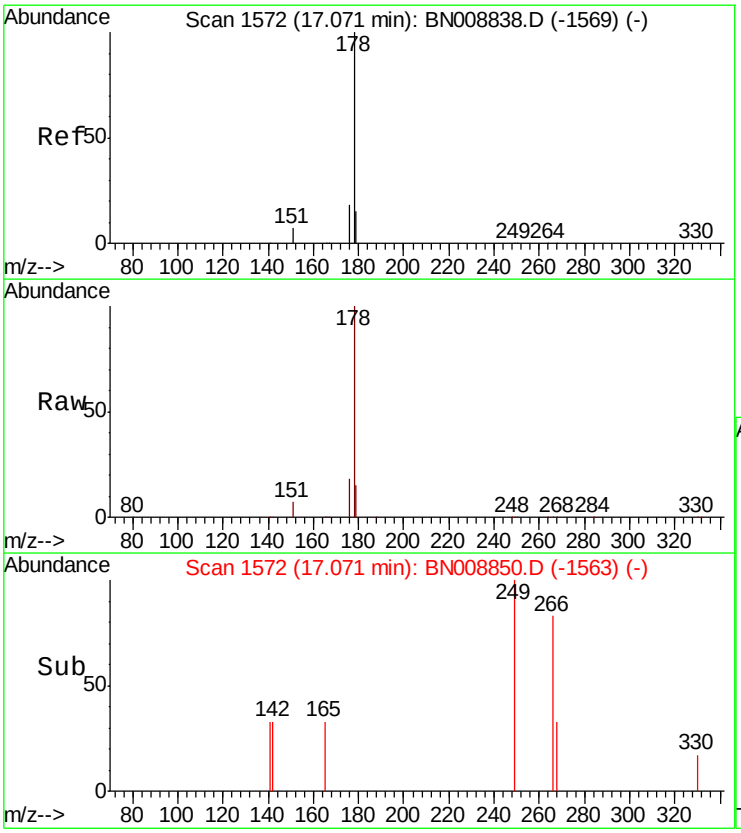
#23
Phenanthrene
Concen: 0.403 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 34875

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.5	12.2	18.2

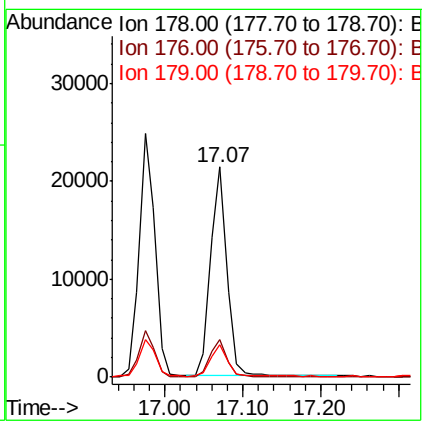


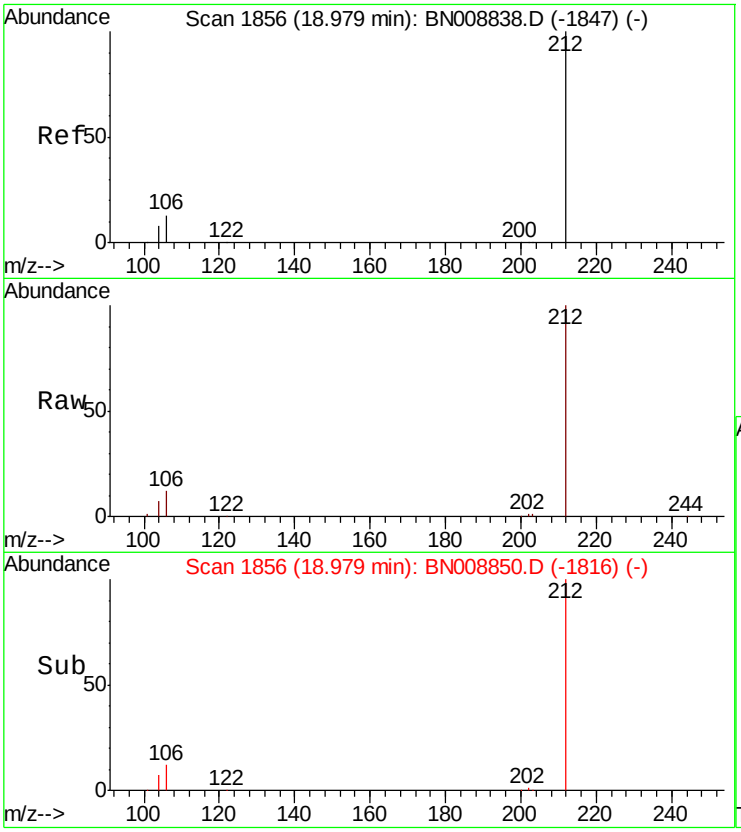


#24
Anthracene
Concen: 0.391 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:178 Resp: 31051

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.2	12.2	18.2



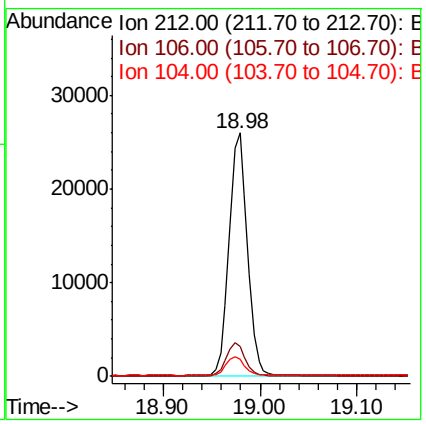


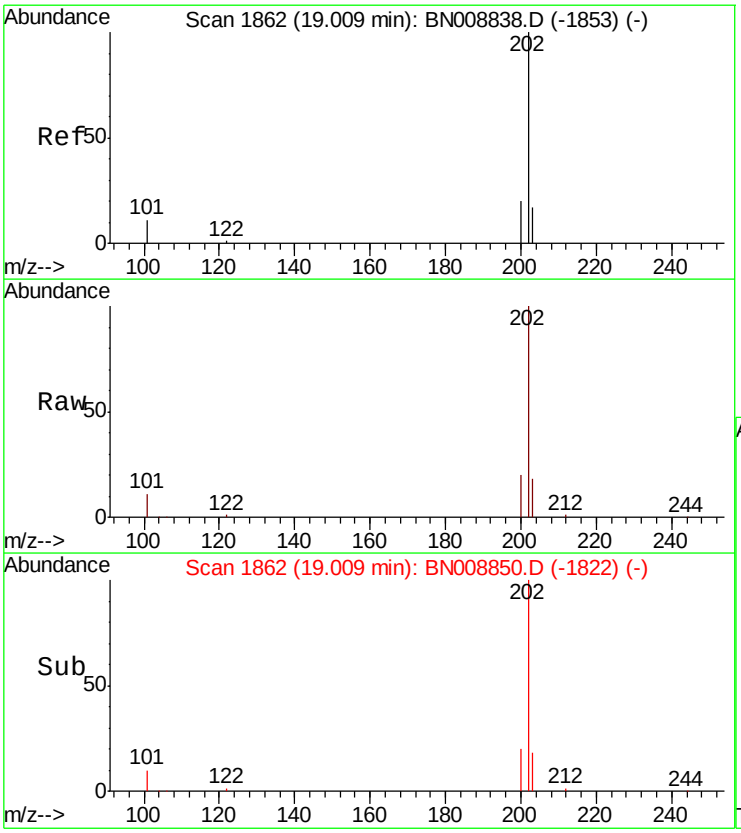
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.98 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 34188

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.7	16.1
104	7.8	6.1	9.1

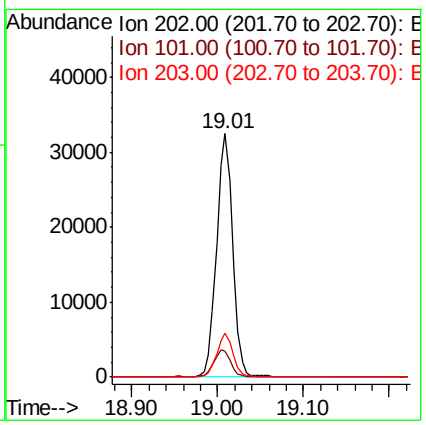


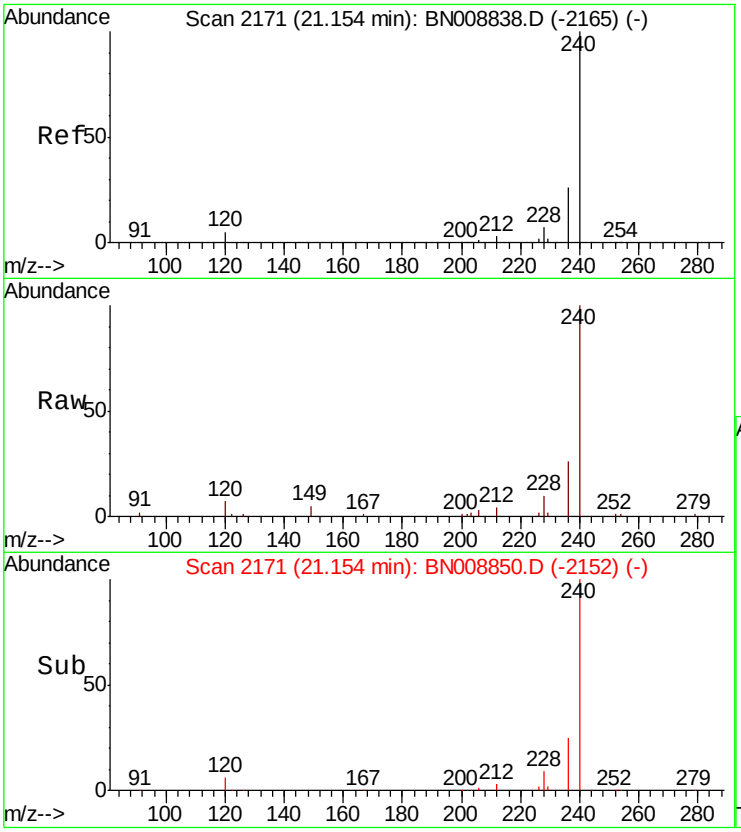


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:202 Resp: 41954

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.2	13.7	20.5



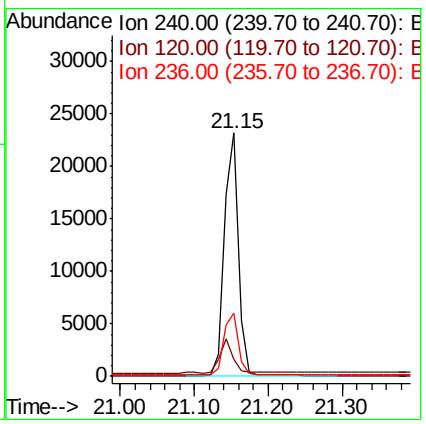


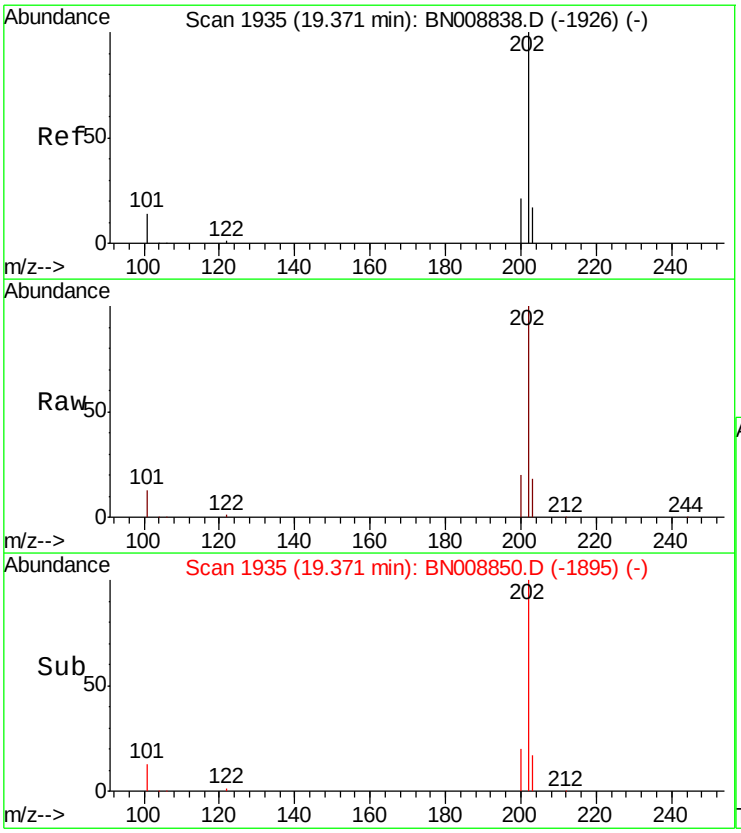
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 30923

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.0	9.0
236	25.7	21.4	32.0

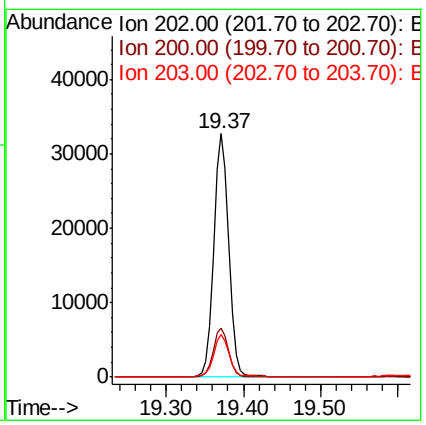


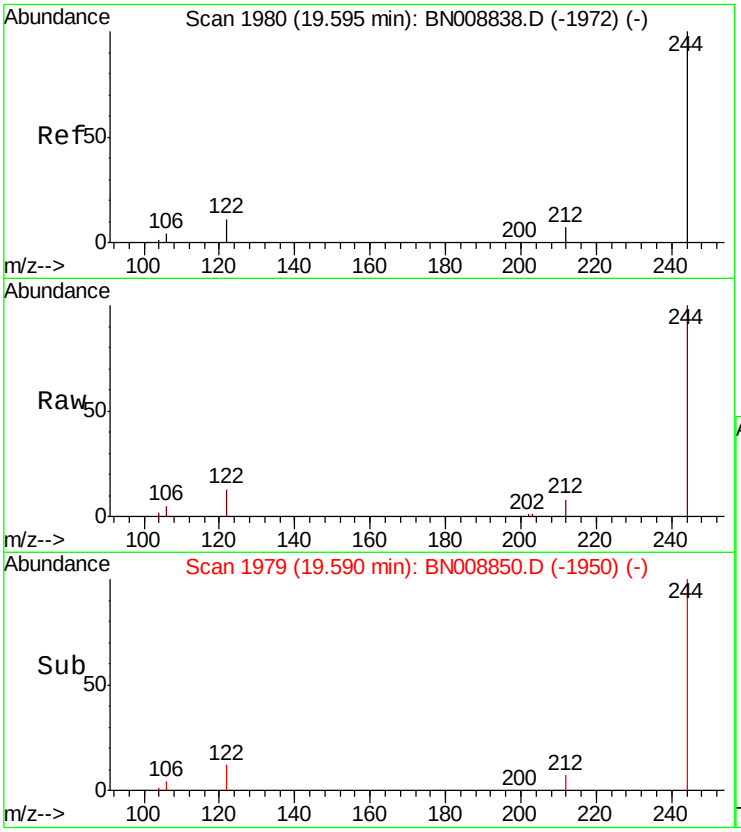


#28
Pyrene
Concen: 0.402 ng
RT: 19.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:202 Resp: 43329

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	14.2	21.2



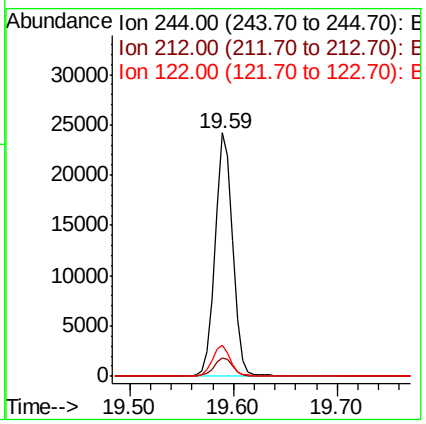


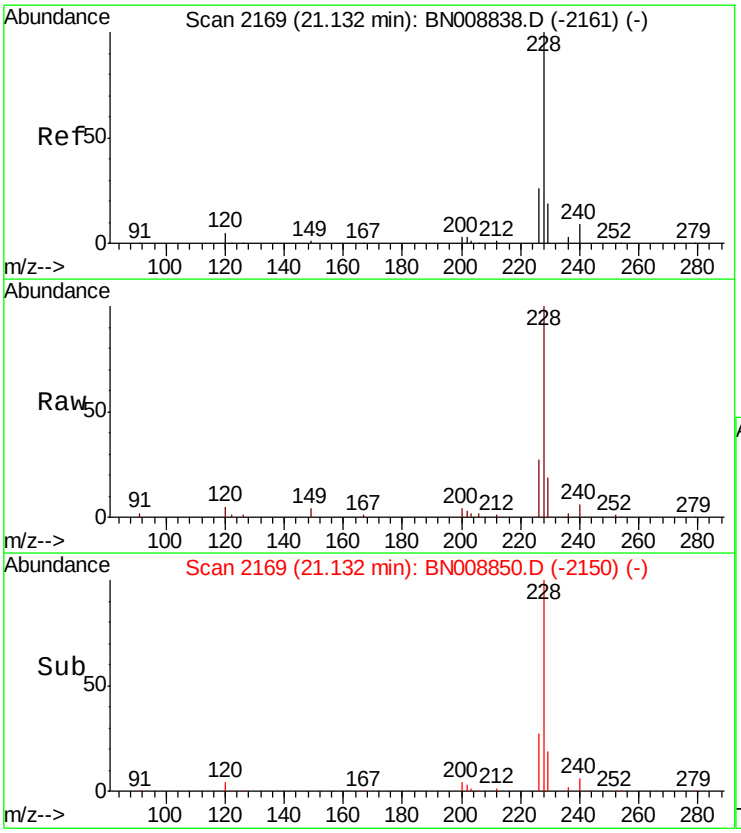
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.59 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 28315

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.7	8.9	13.3

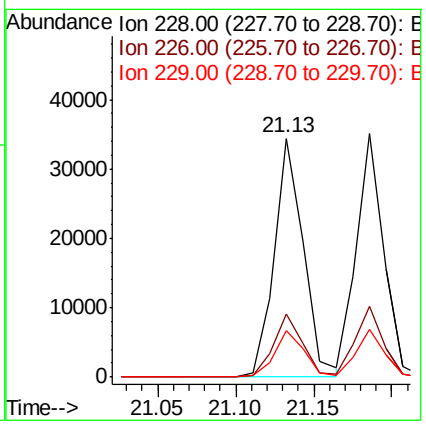


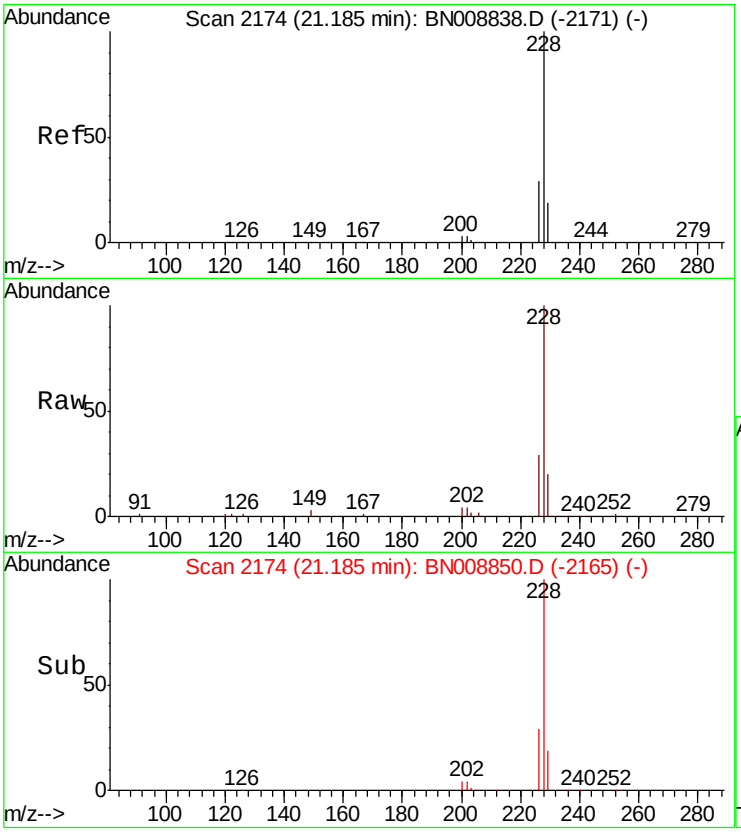


#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:228 Resp: 43956

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.4	15.9	23.9



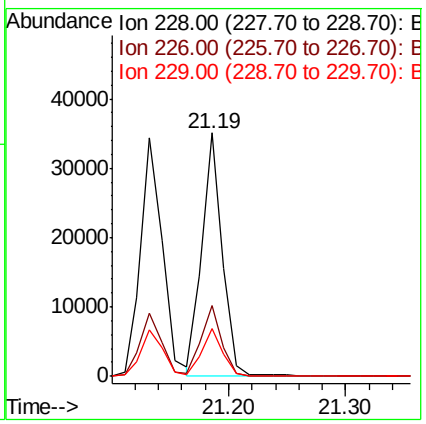


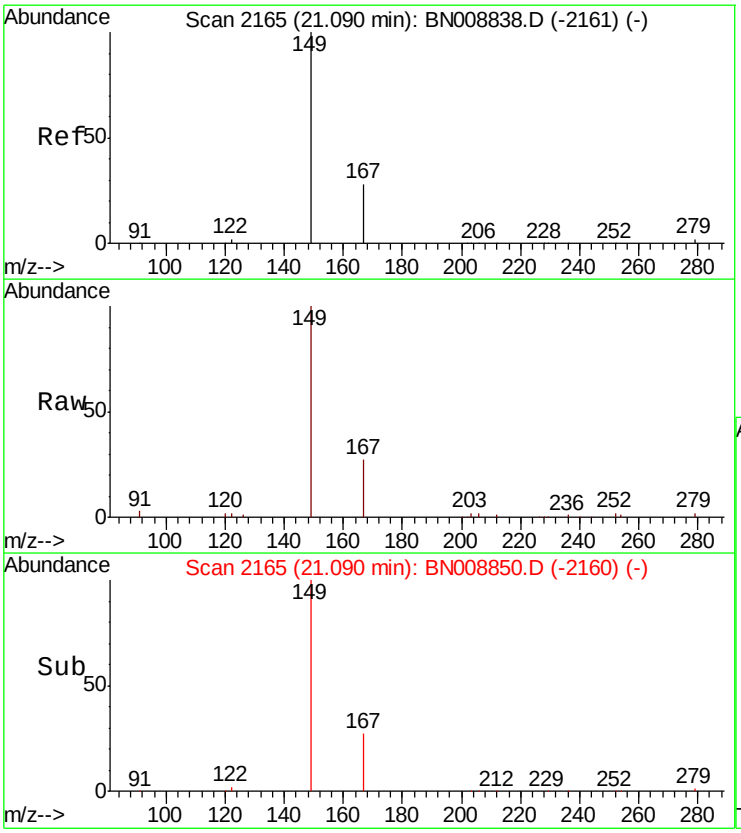
#31
Chrysene
Concen: 0.390 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 42324

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.7	15.8	23.8

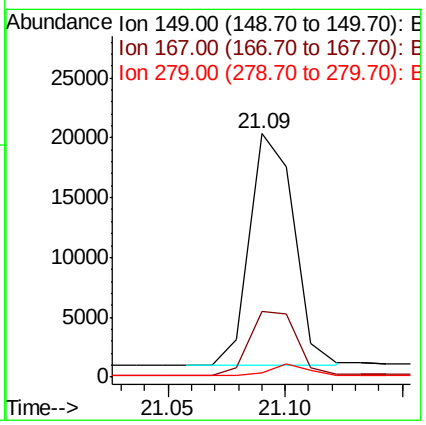


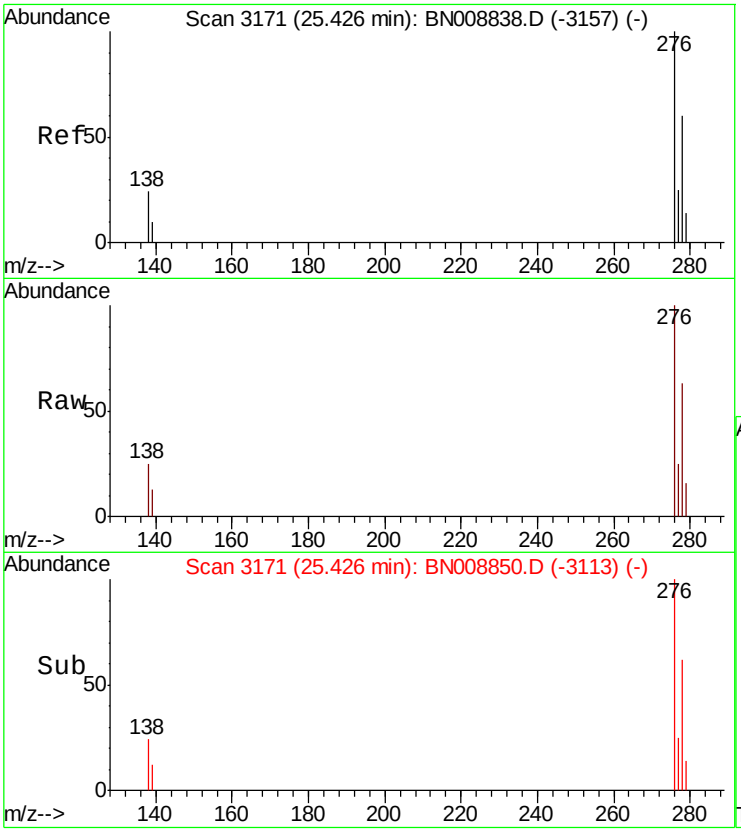


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:149 Resp: 25602

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.1	34.7
279	4.3	3.4	5.2



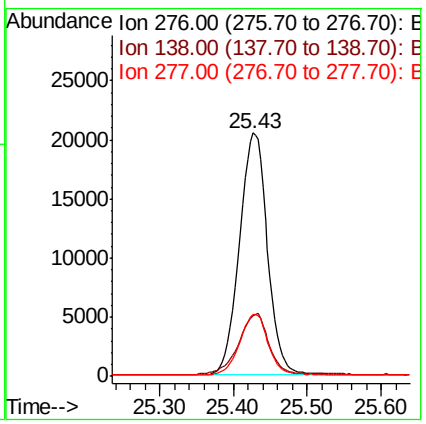


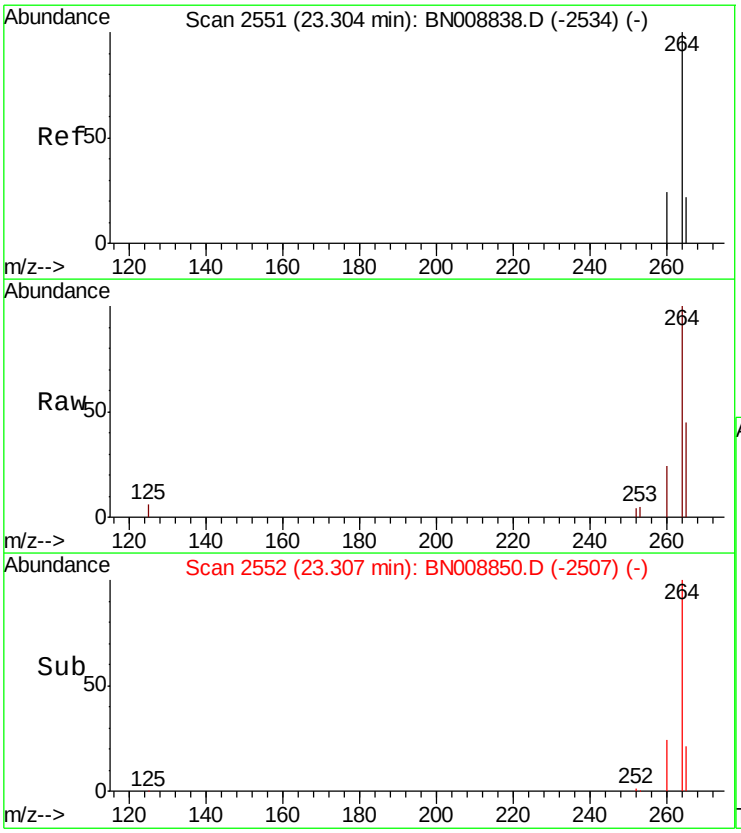
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.43 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 54592

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.2	30.2
277	25.0	19.8	29.6

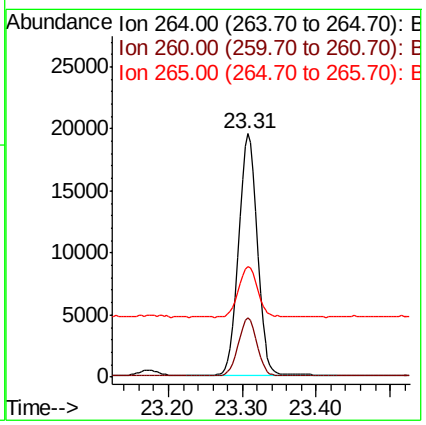


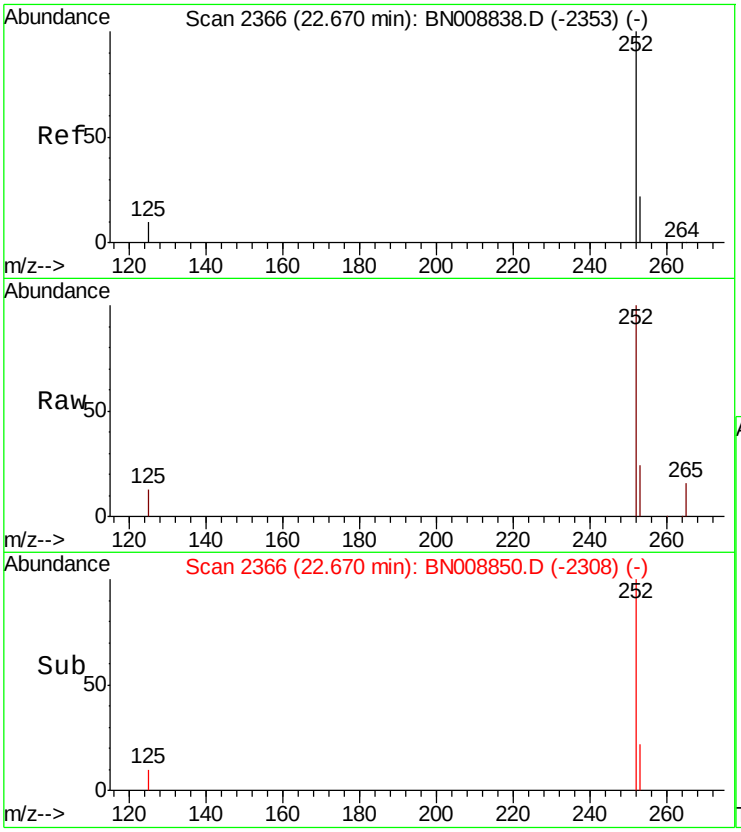


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:264 Resp: 34190

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	45.4	46.8	70.2#



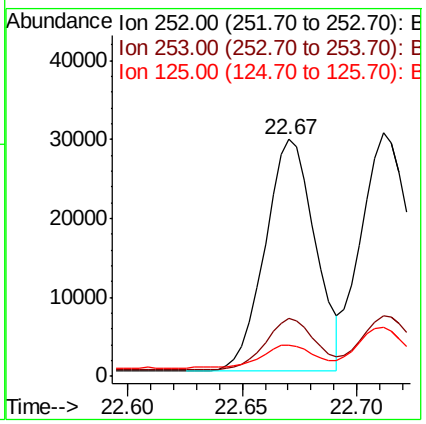


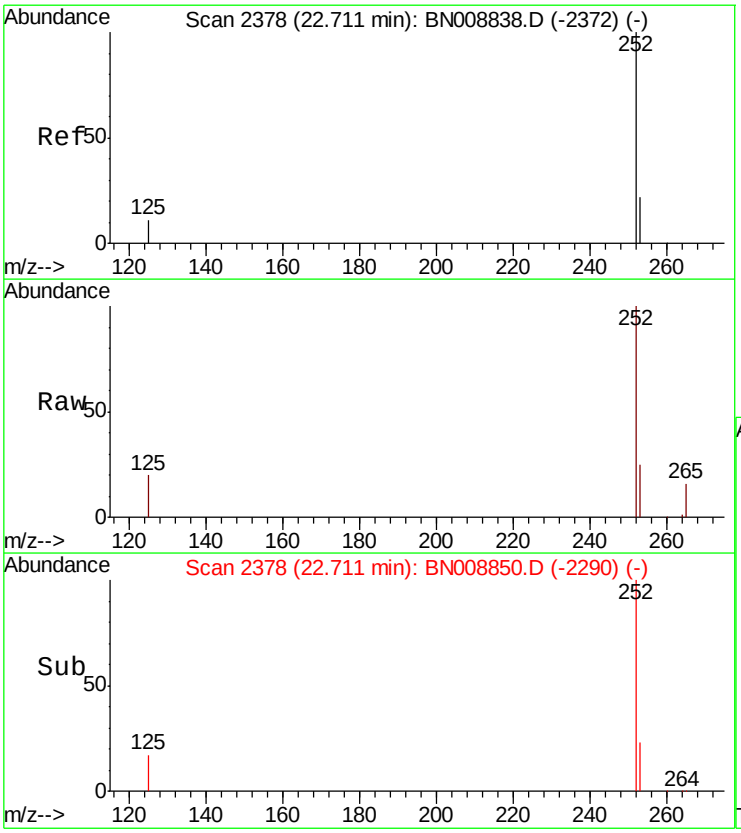
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 44652

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	31.0
125	13.2	12.3	18.5

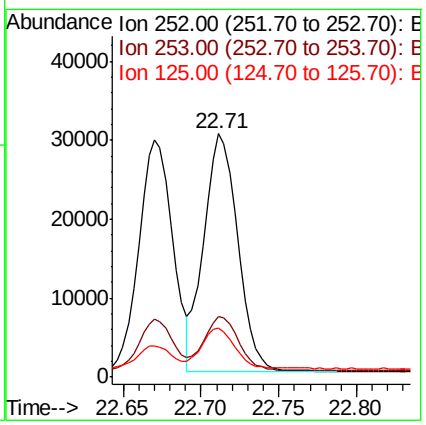


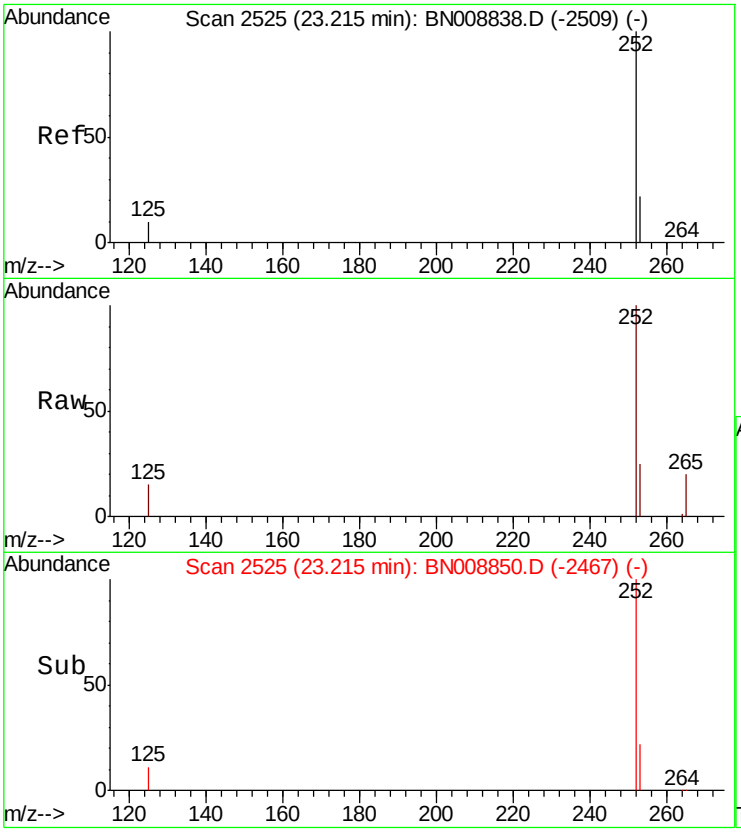


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:252 Resp: 45687

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.0	31.4
125	20.2	13.5	20.3



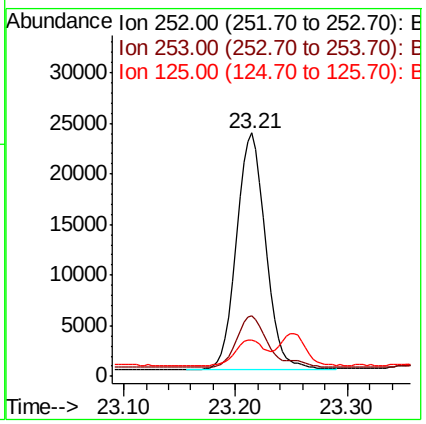


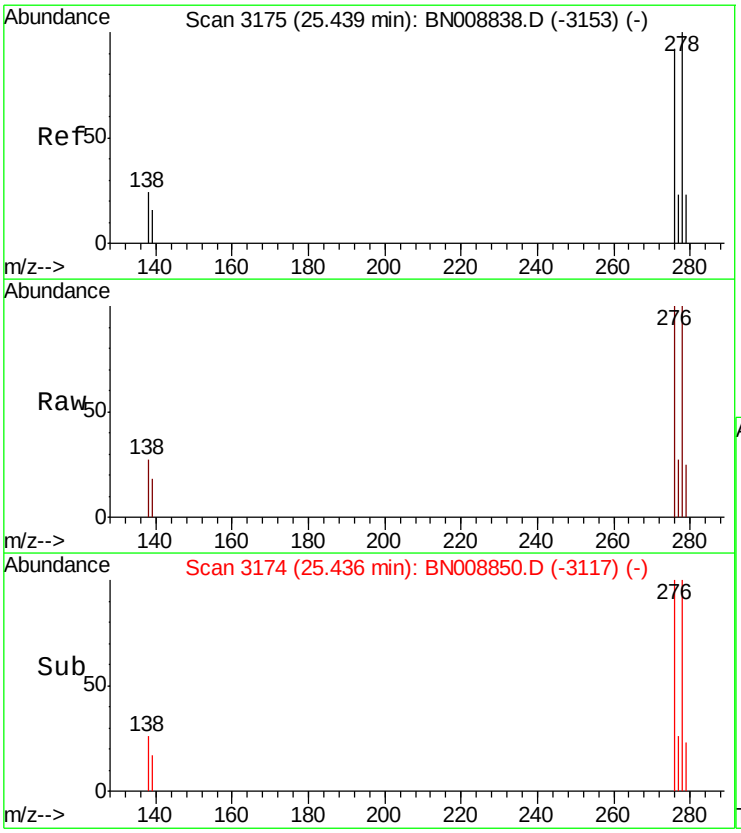
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.21 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 42275

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.4	32.2
125	15.0	13.7	20.5

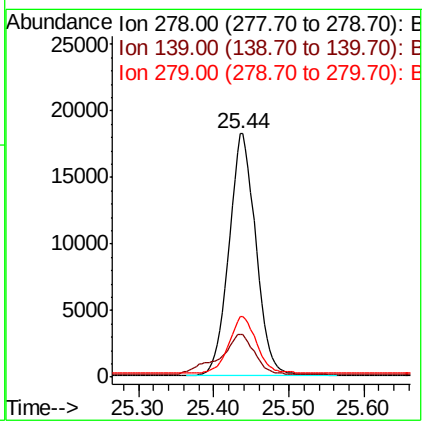


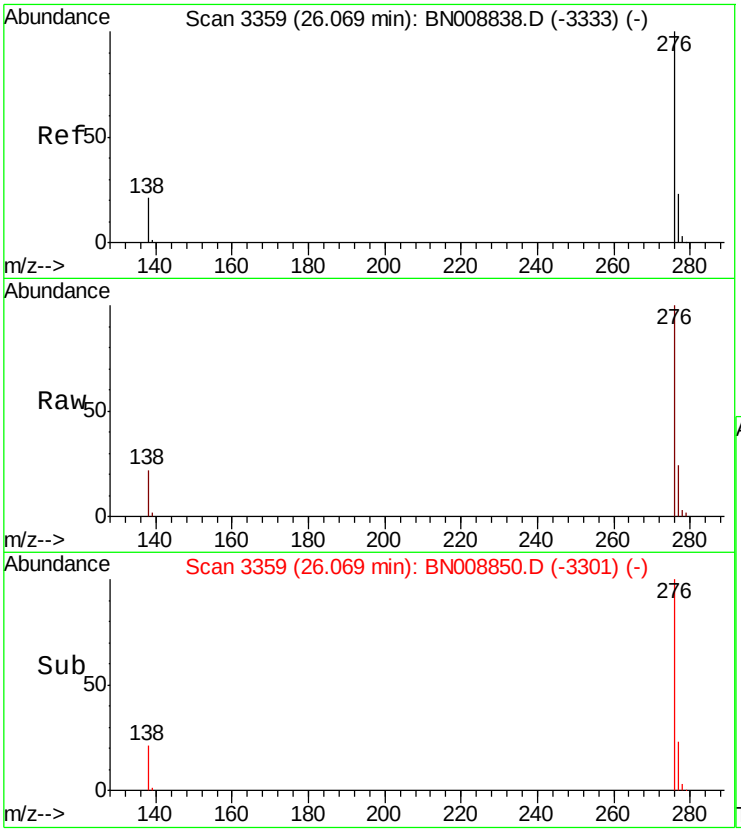


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 25.44 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:278 Resp: 44190

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: 0.403 ng
RT: 26.07 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 44604

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	22.1	18.6	27.8