Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010210.D
Acq On : 13 Mar 2020 20:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 01:33:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3133	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	11023	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	7329	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	17386	0.40	ng		0.00
27) Chrysene-d12	21.20	240	17912	0.40	ng		0.00
34) Perylene-d12	23.37	264	19856	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	11586	1.66	ng		0.00
5) Phenol-d6	6.82	99	14767	1.74	ng		0.00
8) Nitrobenzene-d5	8.77	82	10769	1.17	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	30413	1.43	ng		0.00
14) 2,4,6-Tribromophenol	15.75	330	4399	1.56	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	43393	1.57	ng		0.00
25) Fluoranthene-d10	19.03	212	88806	1.48	ng		0.00
29) Terphenyl-d14	19.65	244	67544	1.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	5130	1.599	ng	#	100
3) n-Nitrosodimethylamine	3.55	42	4535	0.861	ng	#	100
6) bis(2-Chloroethyl)ether	7.07	93	12852	1.559	ng		97
9) Naphthalene	10.44	128	45549	1.515	ng		96
10) Hexachlorobutadiene	10.76	225	10323	1.561	ng	#	100
12) 2-Methylnaphthalene	12.06	142	33017	1.602	ng		96
16) Acenaphthylene	13.97	152	56647	1.813	ng		100
17) Acenaphthene	14.31	154	34305	1.561	ng		99
18) Fluorene	15.31	166	46047	1.588	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	16557	1.367	ng		98
21) Hexachlorobenzene	16.32	284	16321	1.508	ng		98
22) Pentachlorophenol	16.66	266	5020	1.810	ng		90
23) Phenanthrene	17.04	178	76667	1.482	ng		100
24) Anthracene	17.13	178	76591	1.751	ng		99
26) Fluoranthene	19.06	202	96482	1.557	ng		100
28) Pyrene	19.43	202	99240	1.459	ng		100
30) Benzo(a)anthracene	21.17	228	101309	1.704	ng		97
31) Chrysene	21.23	228	98609	1.434	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	42316	1.459	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.53	276	117152	1.636	ng	#	100
35) Benzo(b)fluoranthene	22.73	252	101281	1.395	ng		97
36) Benzo(k)fluoranthene	22.77	252	102182	1.293	ng		96
37) Benzo(a)pyrene	23.28	252	94797	1.431	ng		96
38) Dibenzo(a,h)anthracene	25.55	278	95958	1.471	ng		96
39) Benzo(g,h,i)perylene	26.18	276	95149	1.370	ng		98

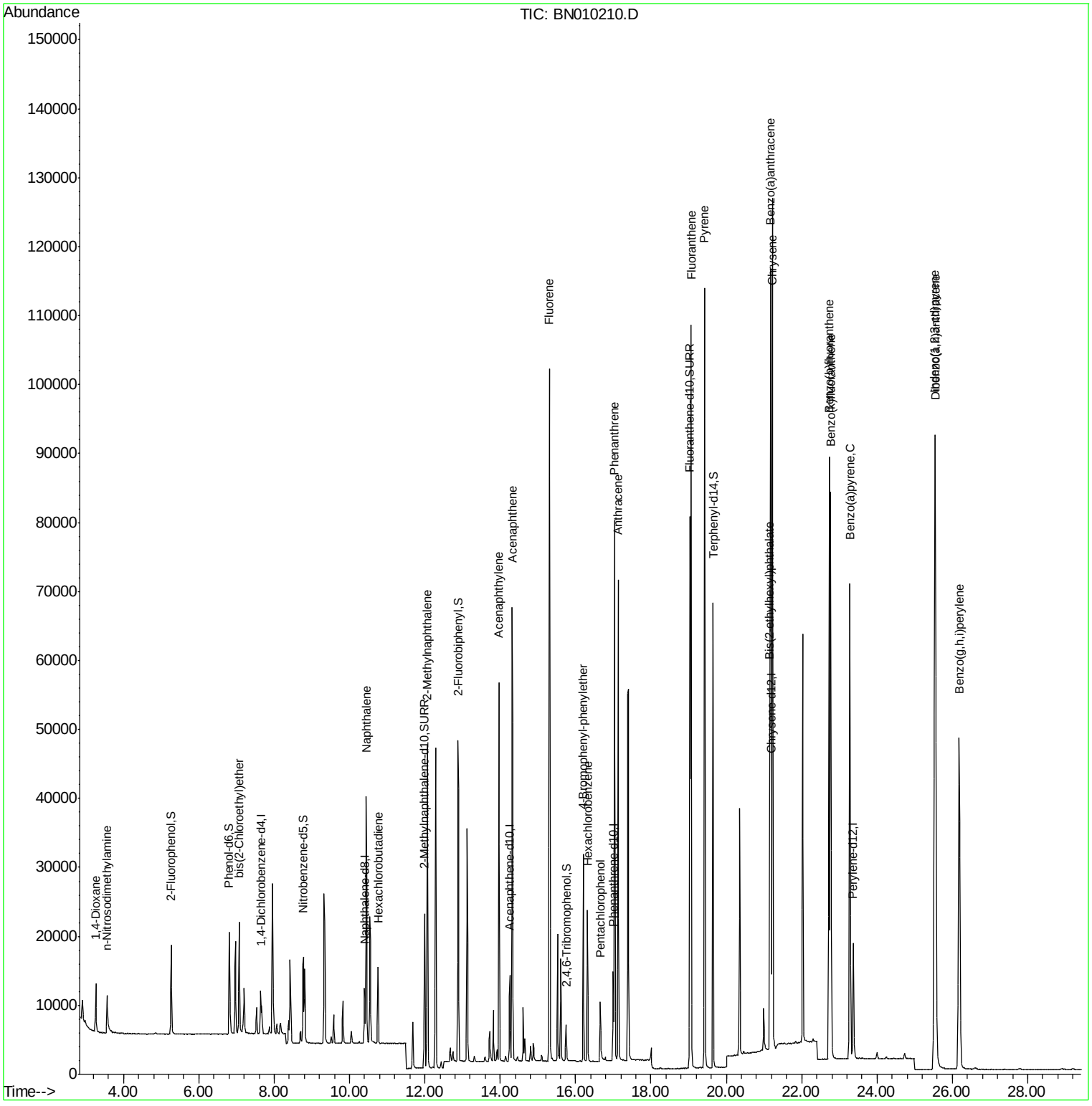
(#) = qualifier out of range (m) = manual integration (+) = signals summed

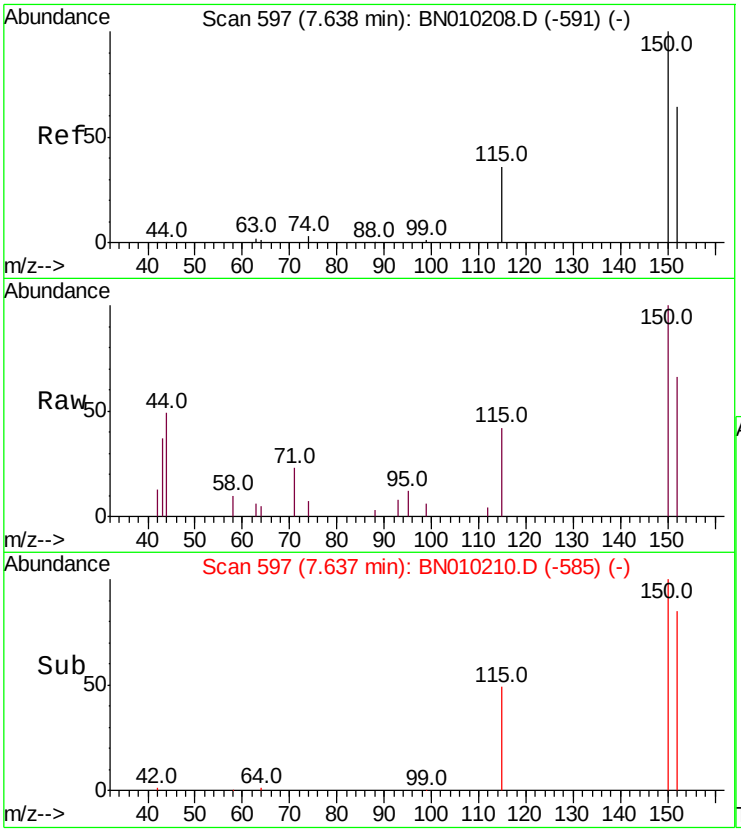
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010210.D
Acq On : 13 Mar 2020 20:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 01:33:56 2020
Response via : Initial Calibration



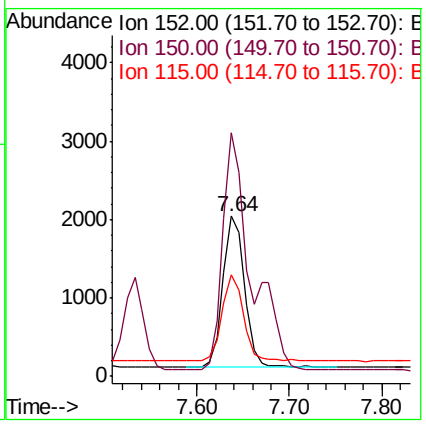


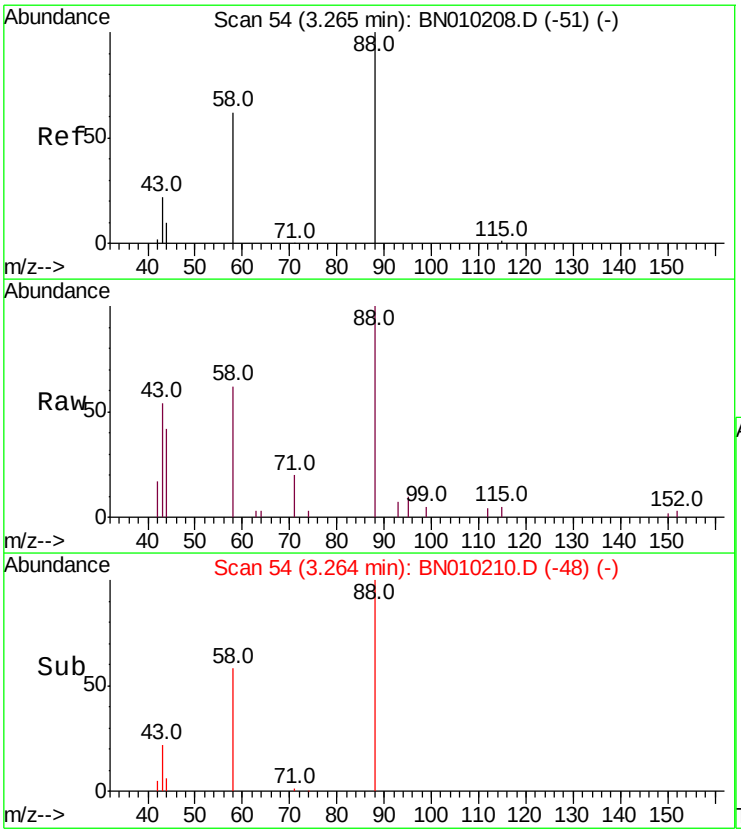
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3133

Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	63.8	50.9	76.3

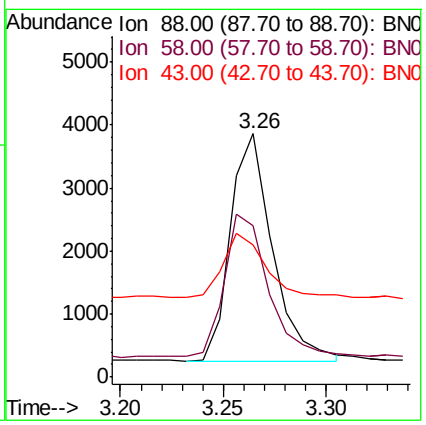


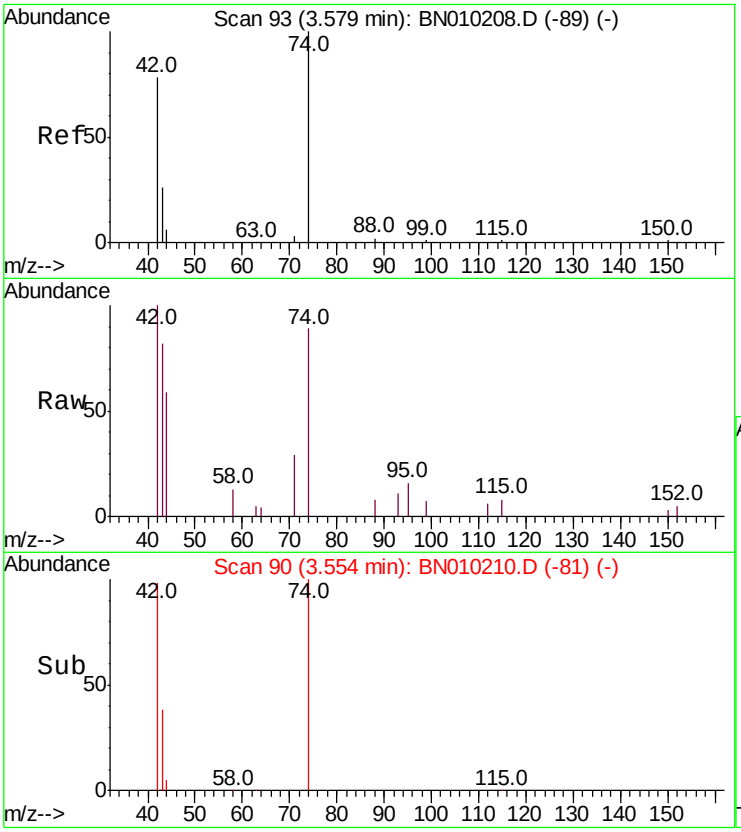


#2
1,4-Dioxane
Concen: 1.599 ng
RT: 3.26 min Scan# 54
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 88 Resp: 5130

Ion	Ratio	Lower	Upper
88	100		
58	65.0	0.0	0.0#
43	28.1	0.0	0.0#



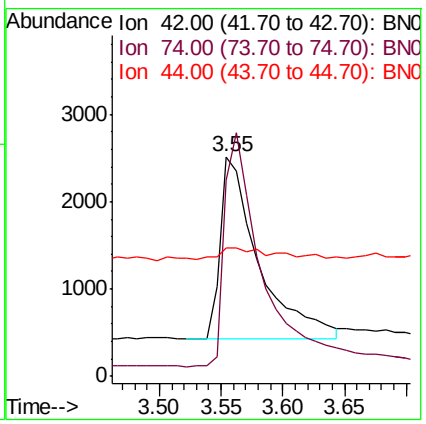


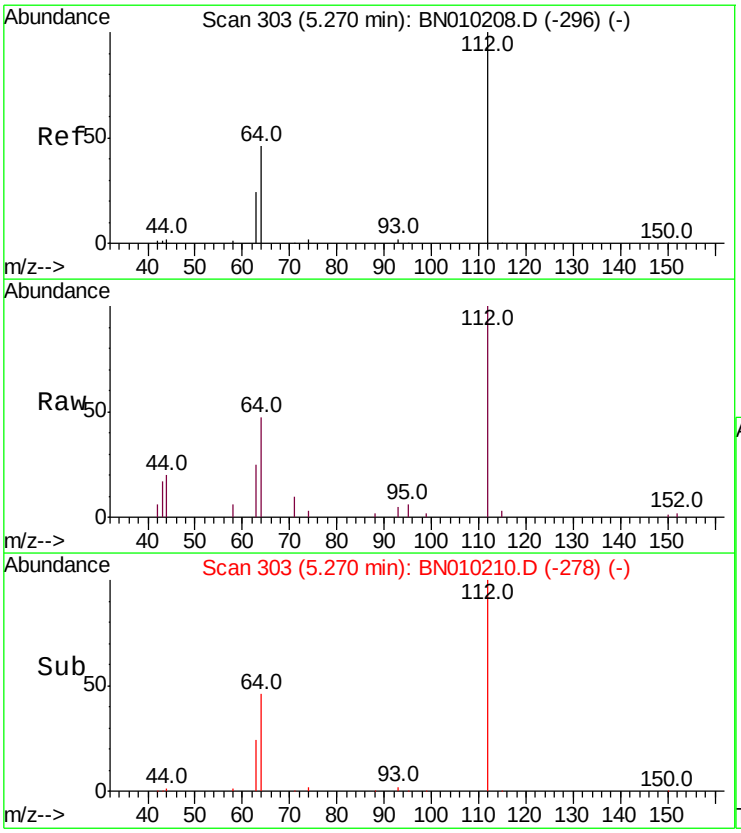
#3
n-Nitrosodimethylamine
Concen: 0.861 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 4535

Ion	Ratio	Lower	Upper
42	100		
74	124.5	0.0	0.0#
44	8.8	0.0	0.0#

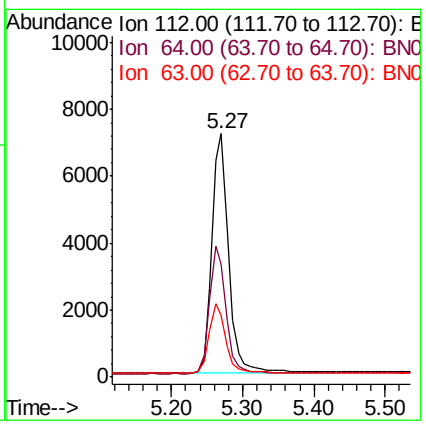


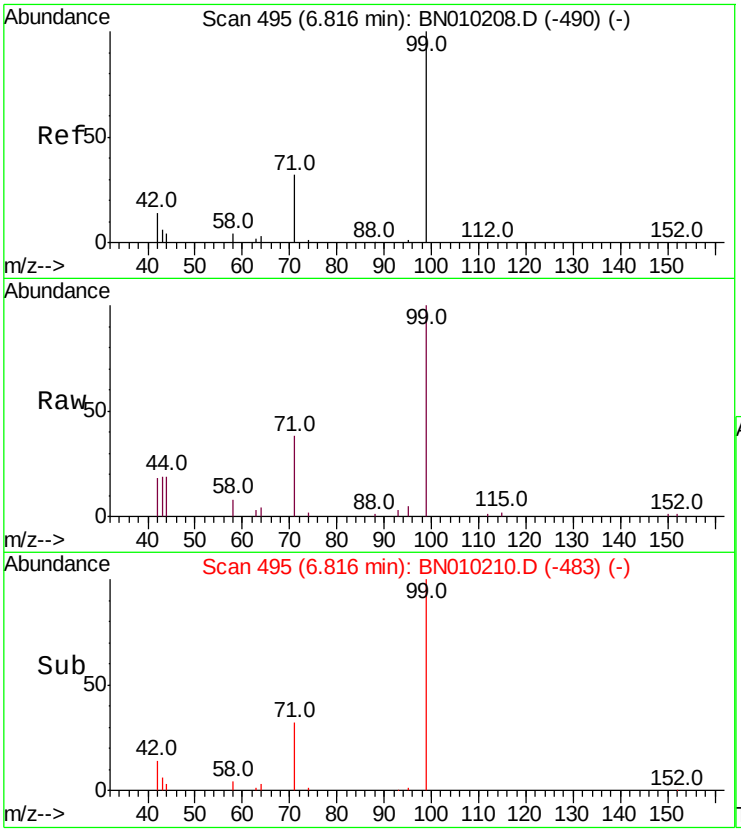


#4
2-Fluorophenol
Concen: 1.663 ng
RT: 5.27 min Scan# 303
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:112 Resp: 11586

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	28.8	23.6	35.4



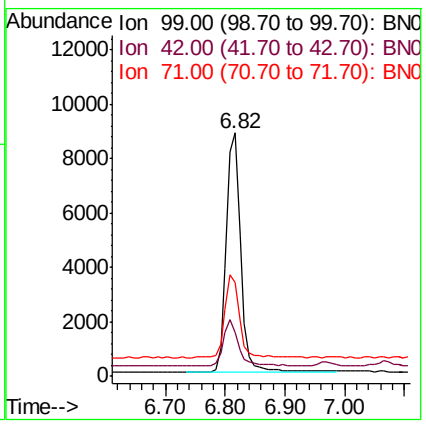


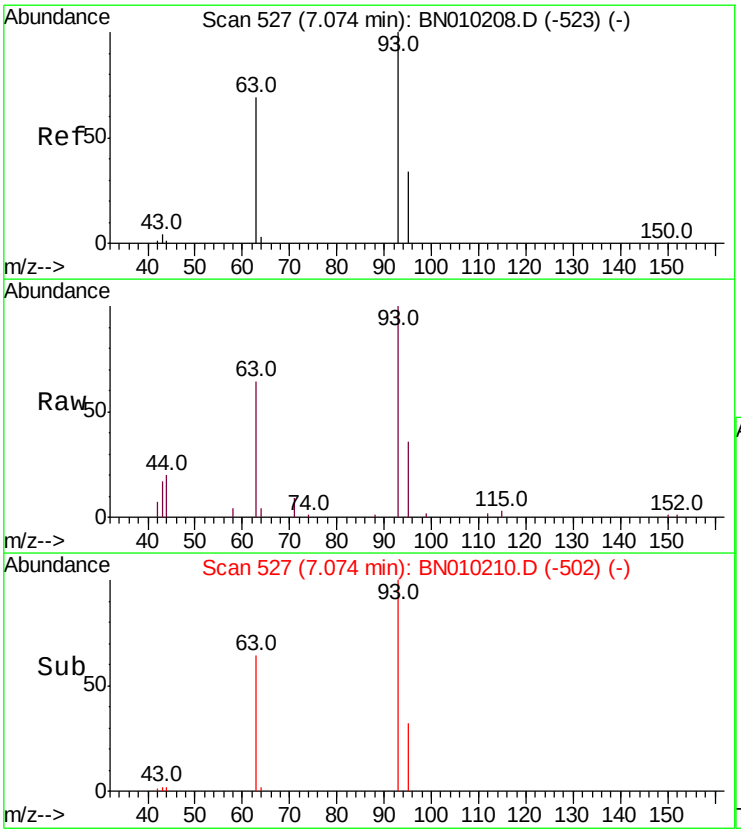
#5
Phenol-d6
Concen: 1.742 ng
RT: 6.82 min Scan# 495
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 14767

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.0	18.0#
71	34.0	22.6	33.8#

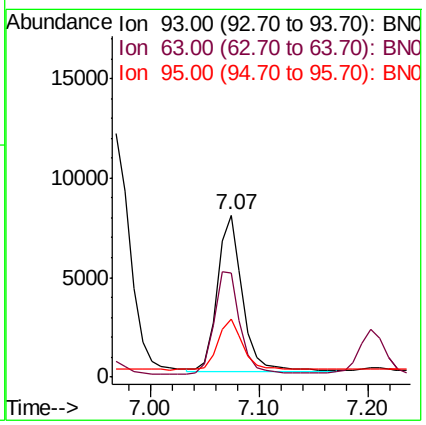


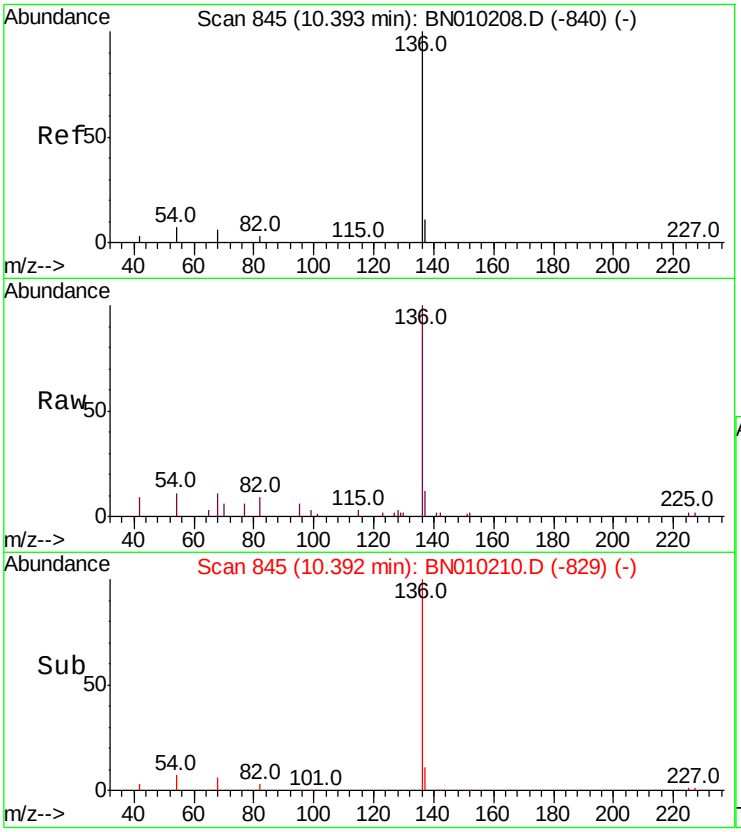


#6
bis(2-Chloroethyl)ether
Concen: 1.559 ng
RT: 7.07 min Scan# 527
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 93 Resp: 12852

Ion	Ratio	Lower	Upper
93	100		
63	67.6	53.4	80.0
95	32.3	28.6	42.8



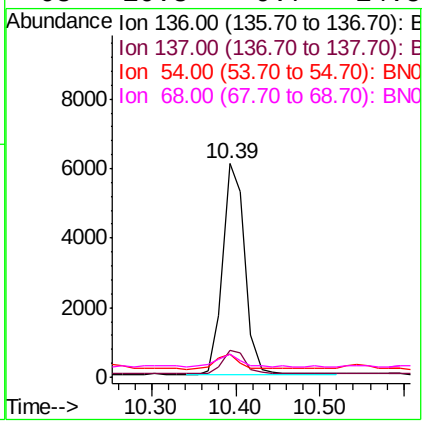


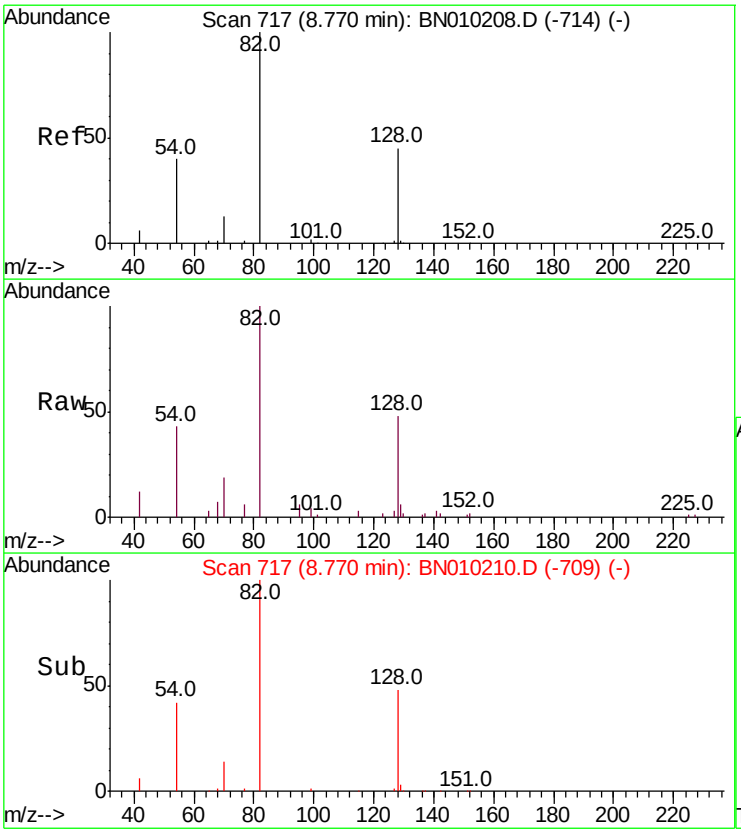
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11023

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	15.8
54	11.0	9.5	14.3
68	10.8	9.7	14.5

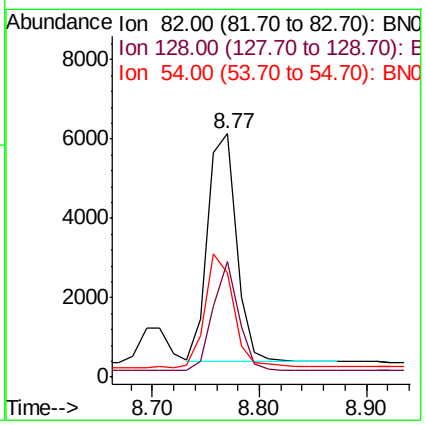


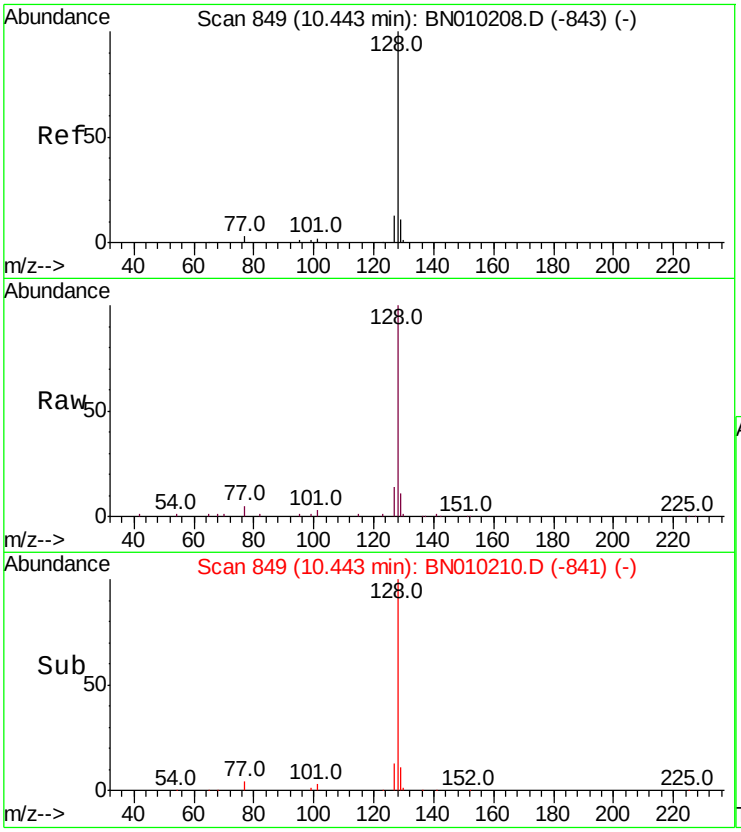


#8
Nitrobenzene-d5
Concen: 1.174 ng
RT: 8.77 min Scan# 717
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 82 Resp: 10769

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.0	52.6
54	42.9	37.0	55.4



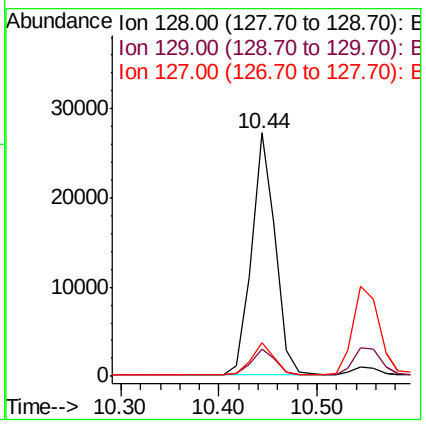


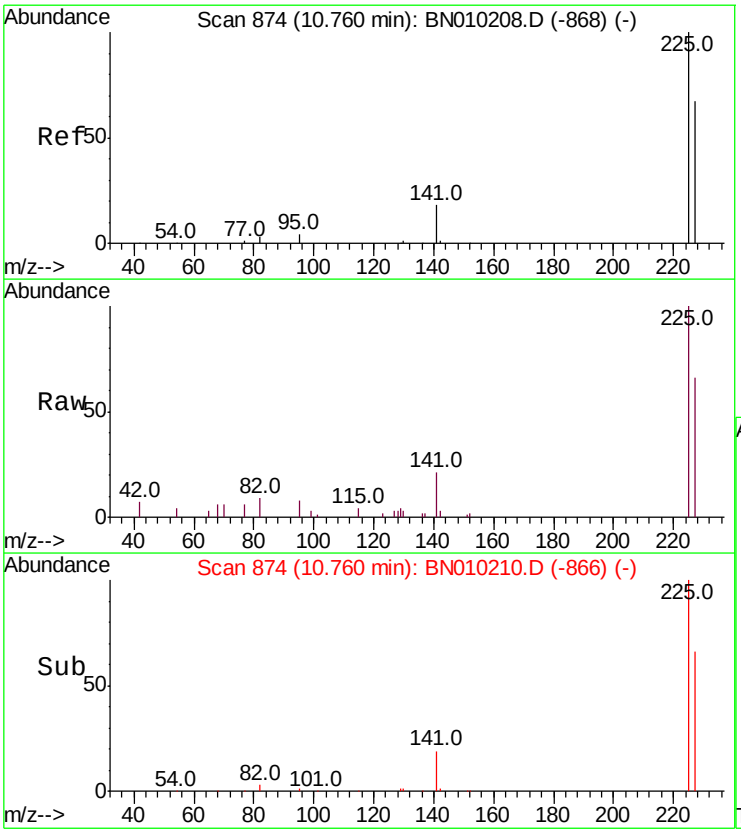
#9
Naphthalene
Concen: 1.515 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 45549

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.5	15.7
127	13.7	12.1	18.1

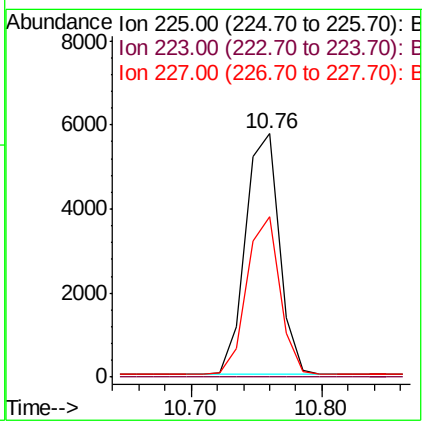


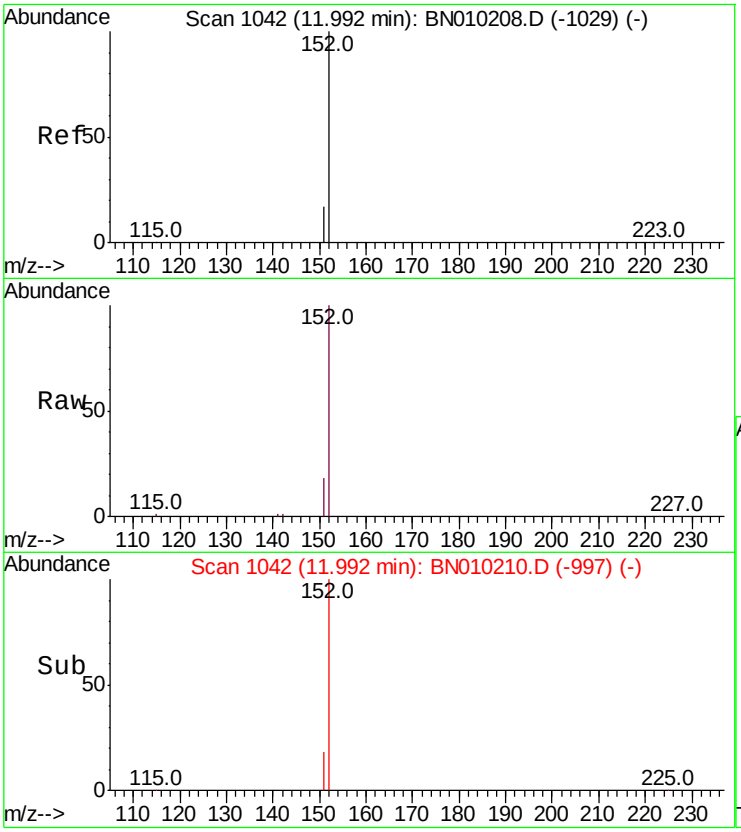


#10
Hexachlorobutadiene
Concen: 1.561 ng
RT: 10.76 min Scan# 874
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:225 Resp: 10323

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	0.0	0.0#



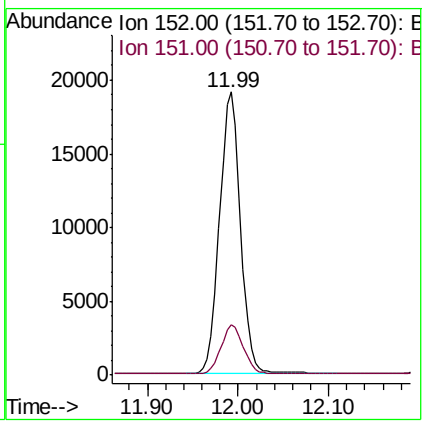


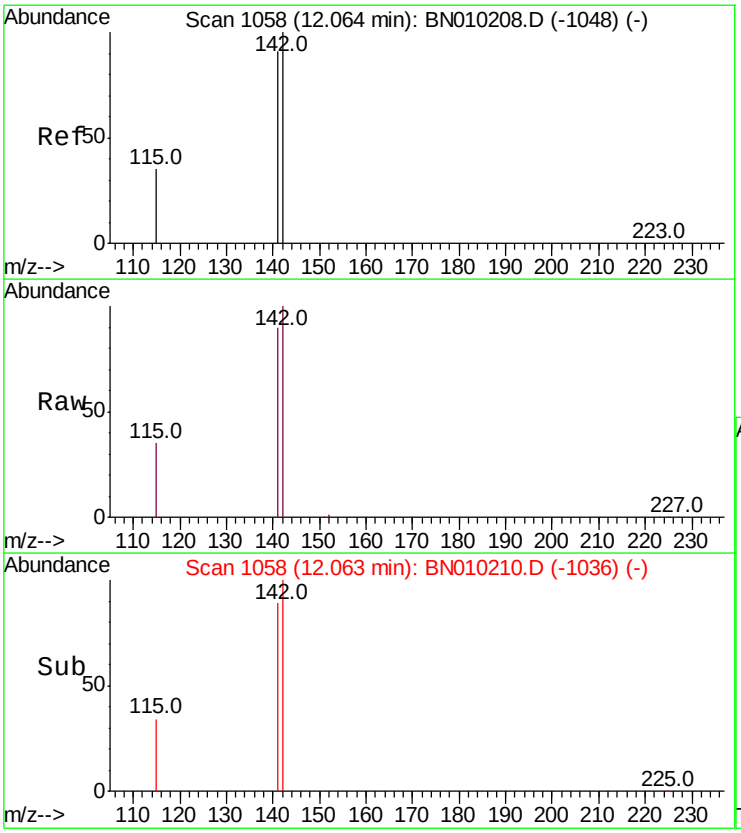
#11
2-Methylnaphthalene-d10
Concen: 1.426 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 30413

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.6

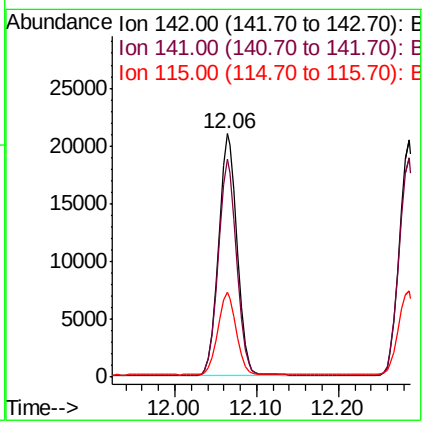


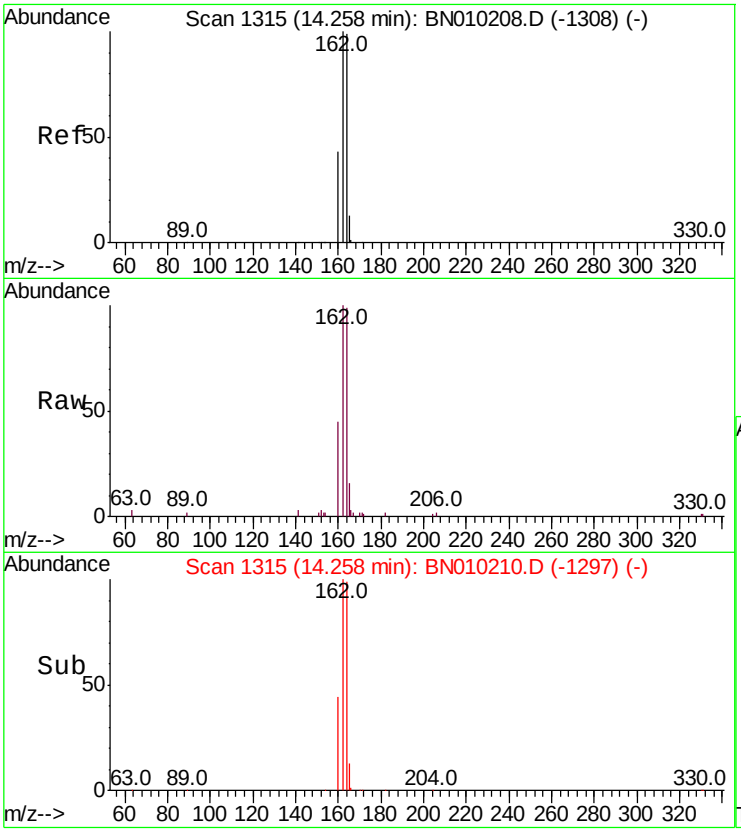


#12
2-Methylnaphthalene
Concen: 1.602 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:142 Resp: 33017

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.7	110.5
115	35.1	31.2	46.8



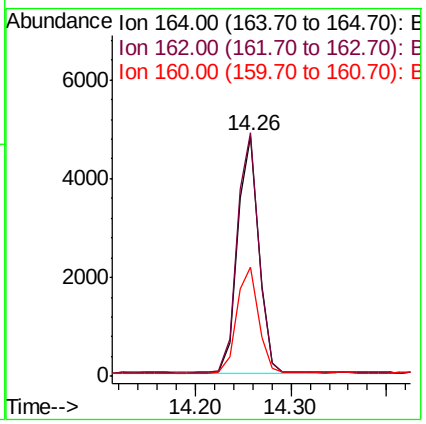


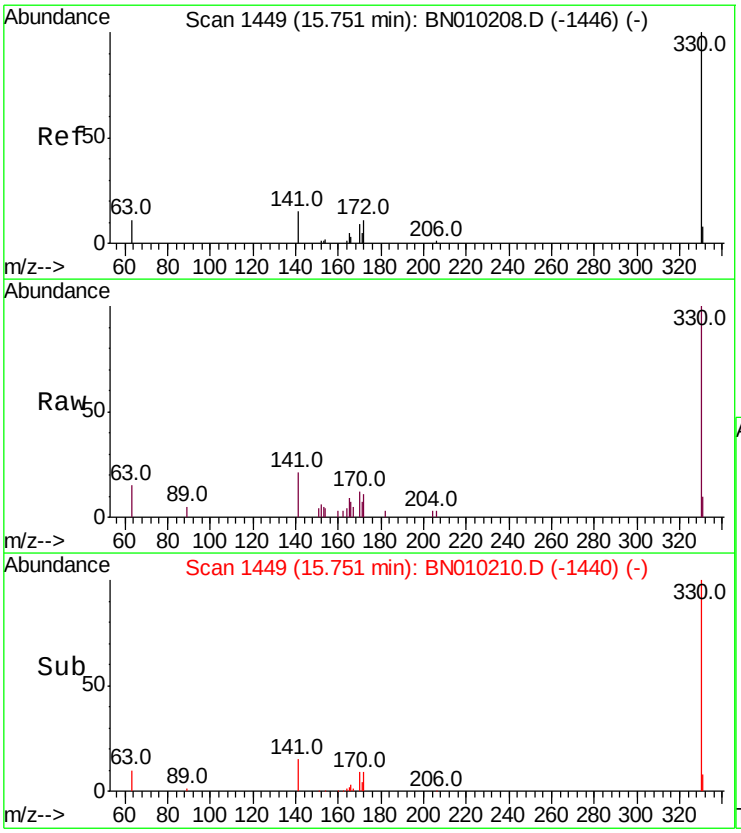
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7329

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.0	121.4
160	45.6	35.6	53.4

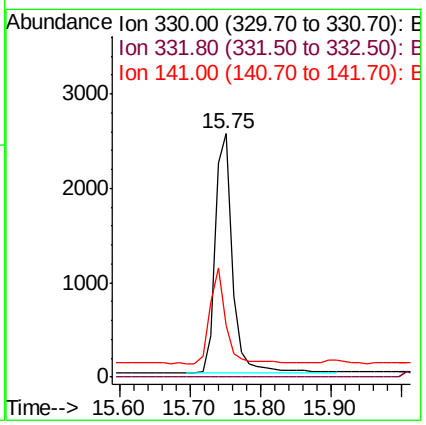


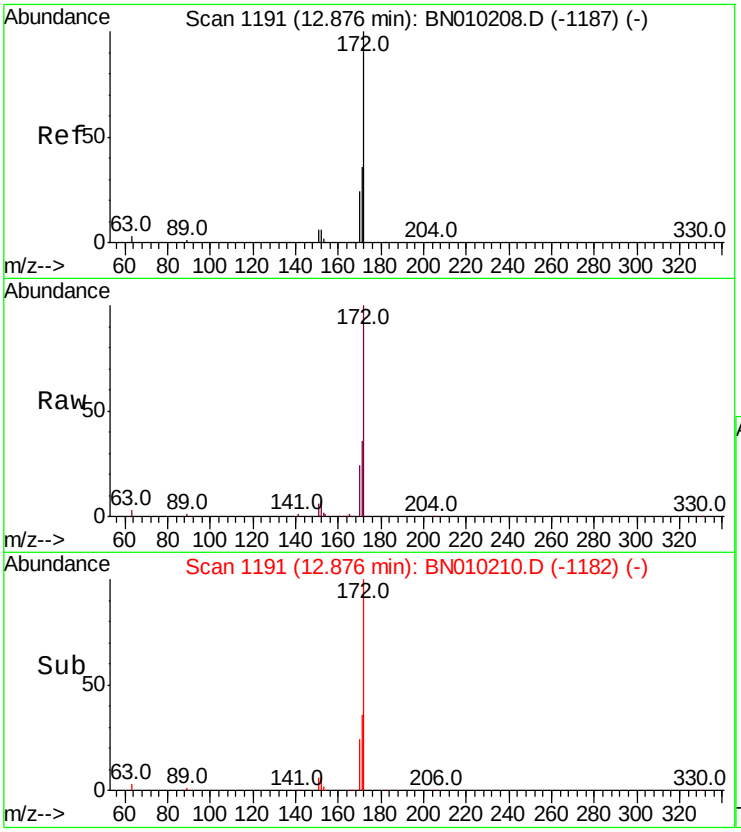


#14
2,4,6-Tribromophenol
Concen: 1.558 ng
RT: 15.75 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:330 Resp: 4399

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.8	25.1	37.7#



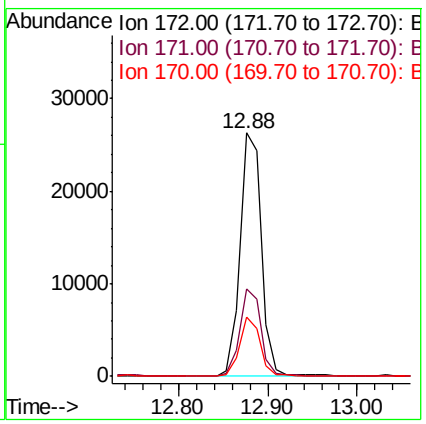


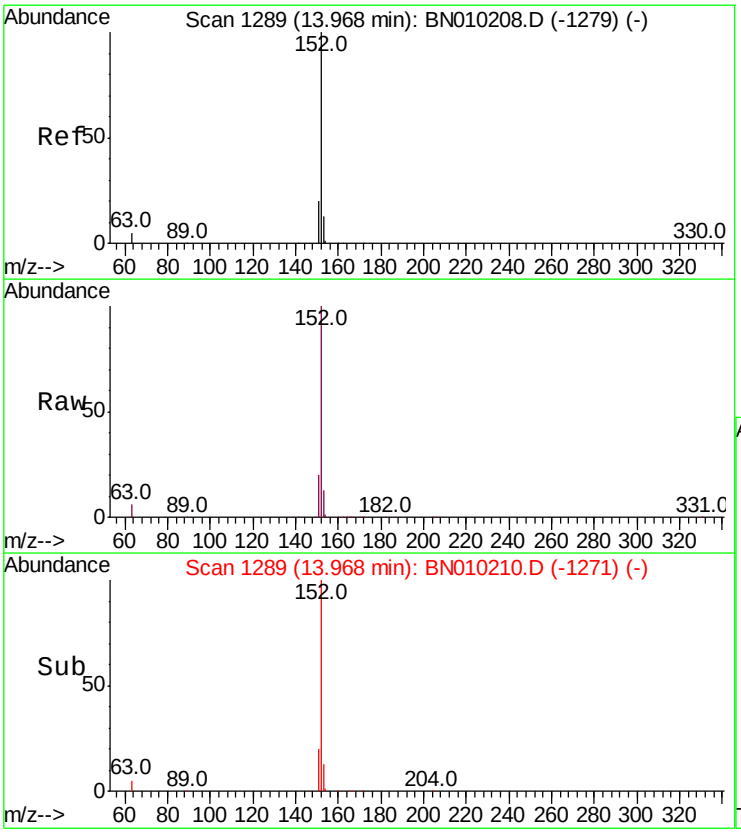
#15
2-Fluorobiphenyl
Concen: 1.569 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 43393

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.3	20.2	30.4

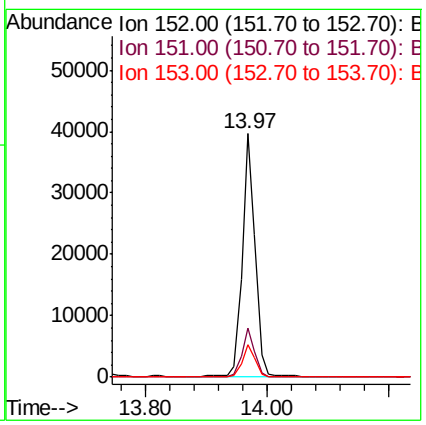


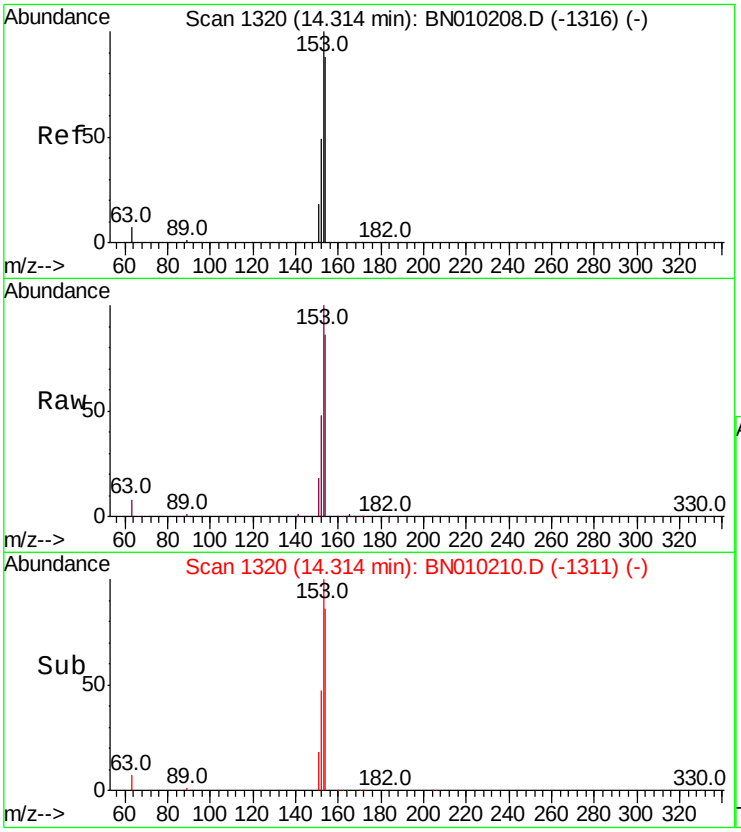


#16
Acenaphthylene
Concen: 1.813 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:152 Resp: 56647

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.6	16.0



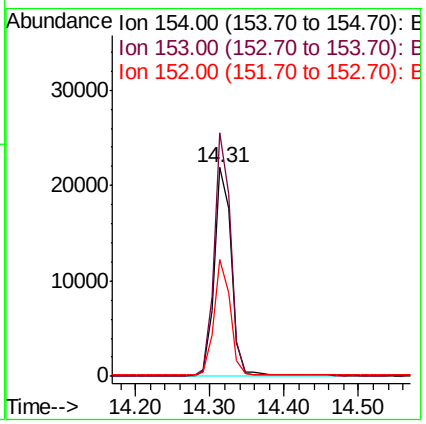


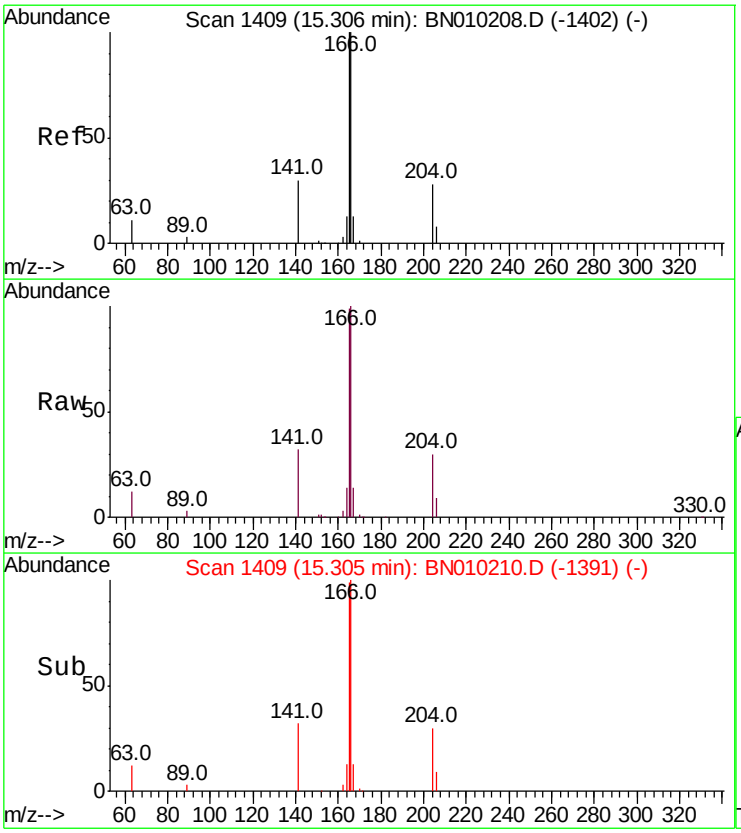
#17
Acenaphthene
Concen: 1.561 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 34305

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.3	135.5
152	52.8	42.9	64.3

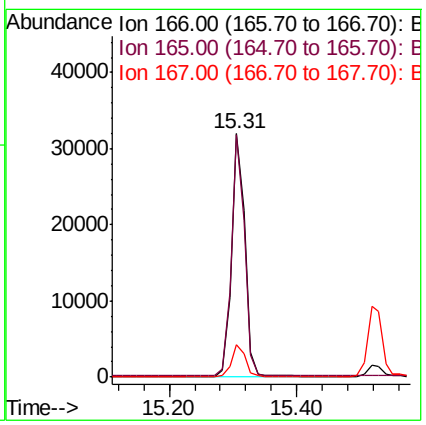


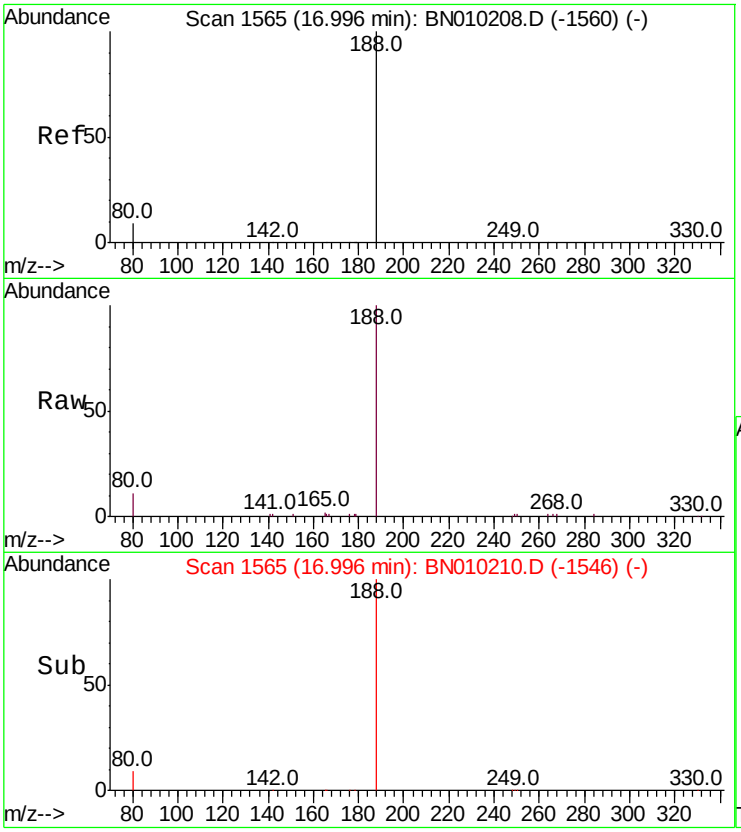


#18
Fluorene
Concen: 1.588 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:166 Resp: 46047

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	13.7	10.7	16.1



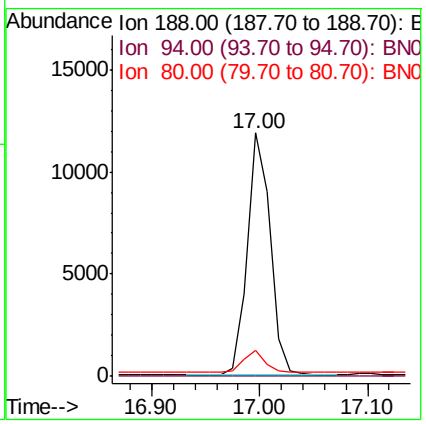


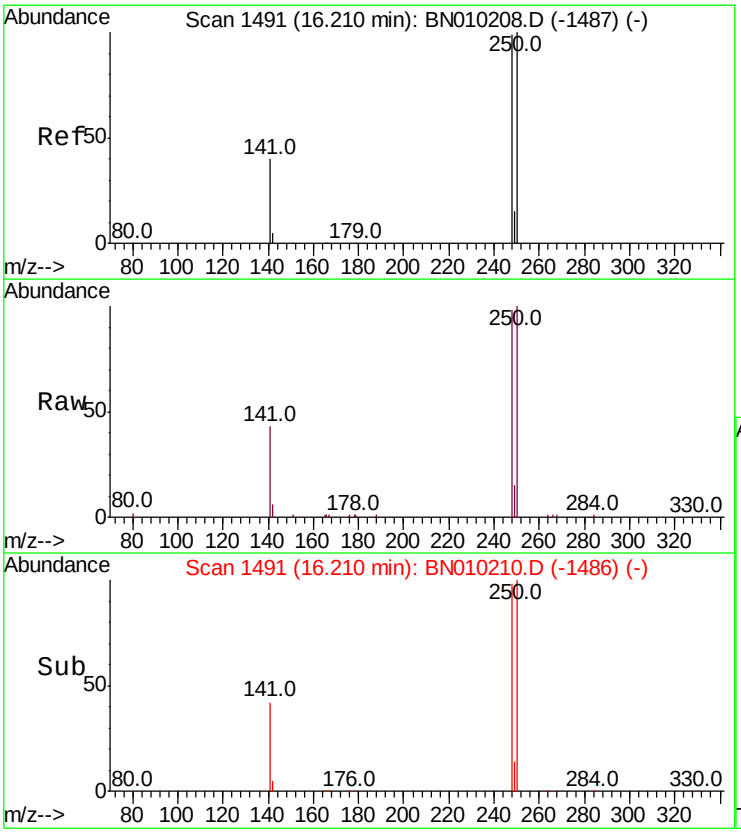
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 17386

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.6	12.8

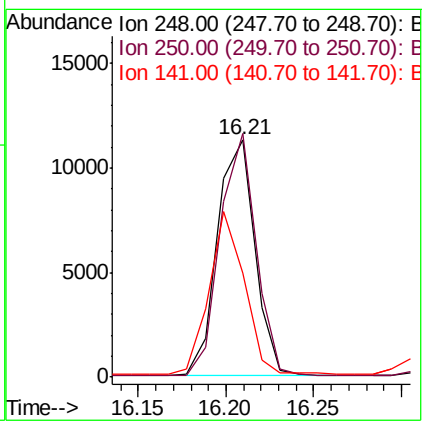


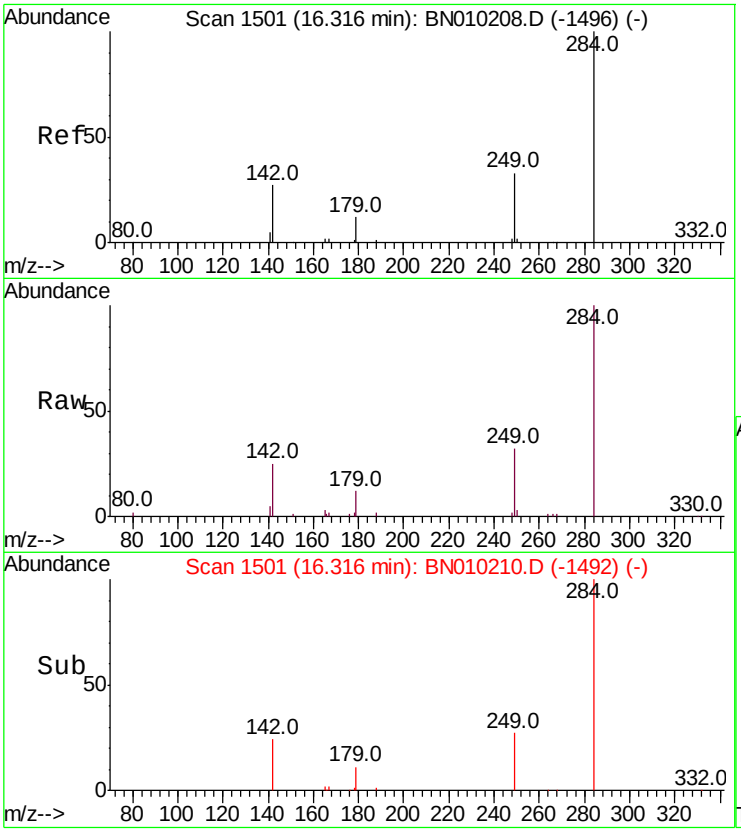


#20
4-Bromophenyl-phenylether
Concen: 1.367 ng
RT: 16.21 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:248 Resp: 16557

Ion	Ratio	Lower	Upper
248	100		
250	102.5	81.2	121.8
141	43.6	36.7	55.1



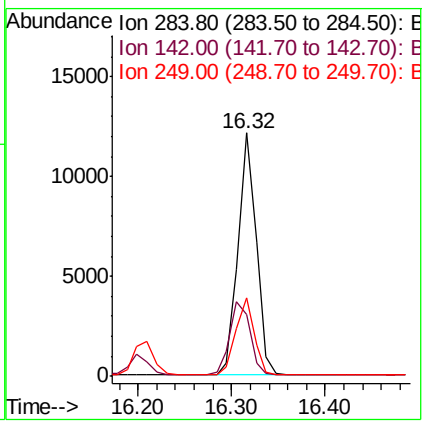


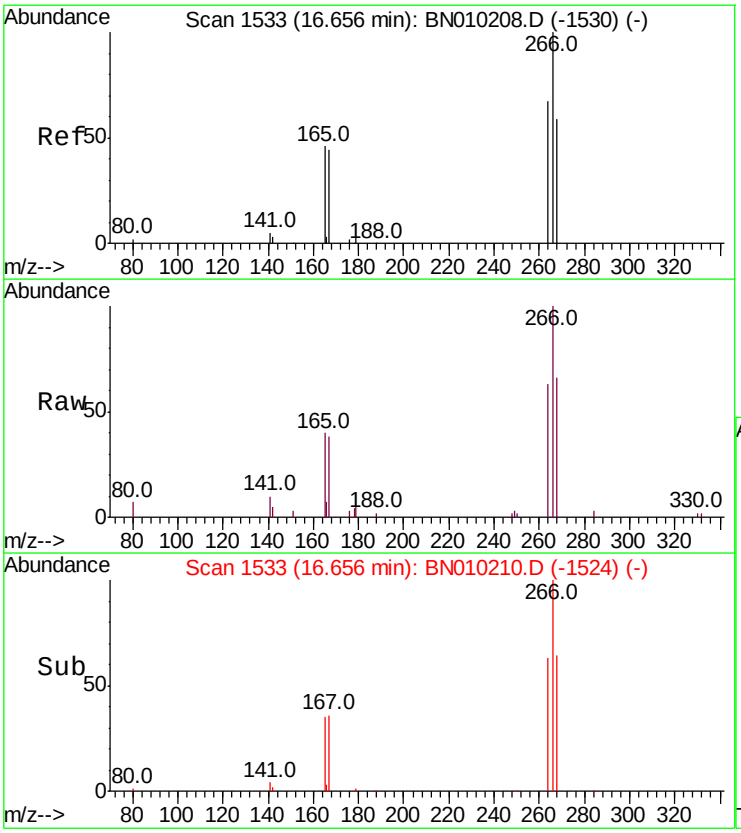
#21
Hexachlorobenzene
Concen: 1.508 ng
RT: 16.32 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 16321

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	32.0	26.6	39.8

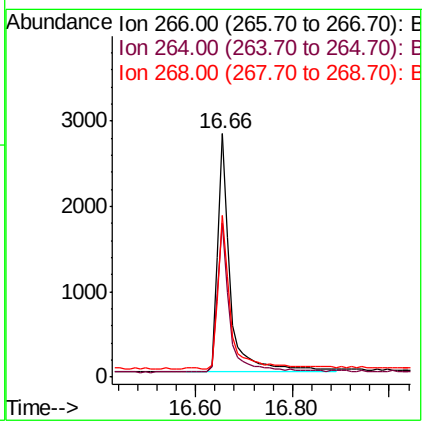


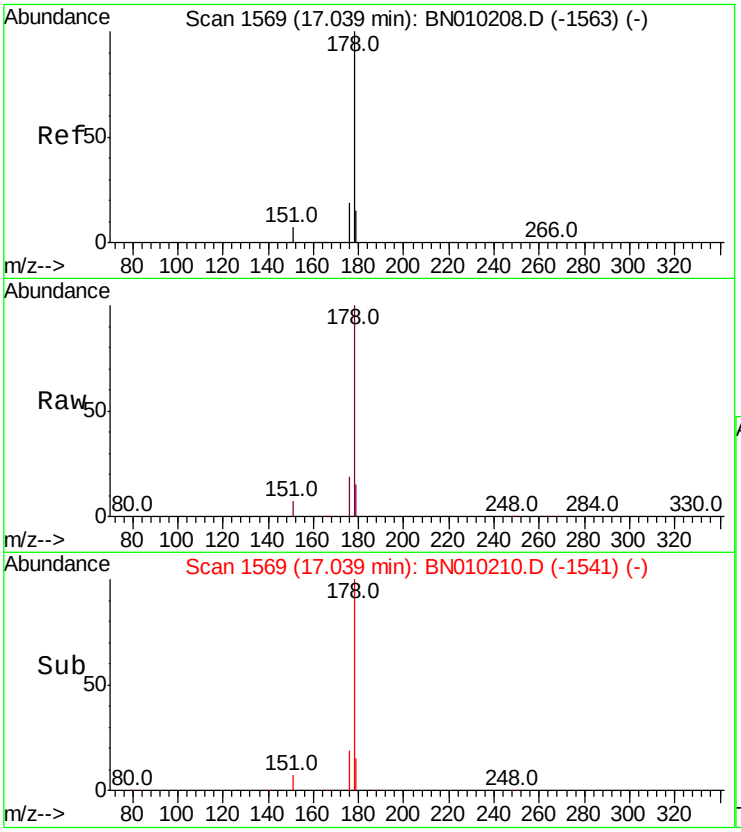


#22
Pentachlorophenol
Concen: 1.810 ng
RT: 16.66 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:266 Resp: 5020

Ion	Ratio	Lower	Upper
266	100		
264	63.3	56.2	84.2
268	66.2	61.4	92.2



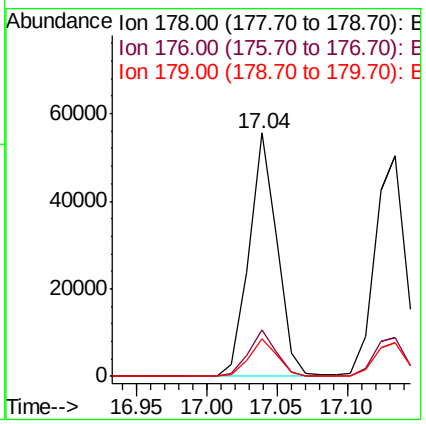


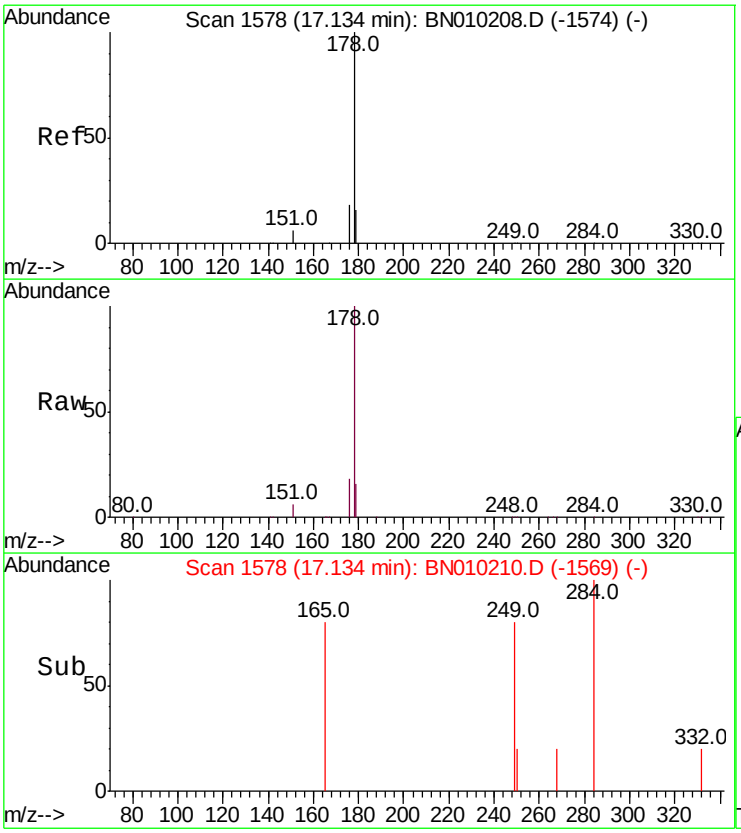
#23
Phenanthrene
Concen: 1.482 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 76667

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.5	18.7

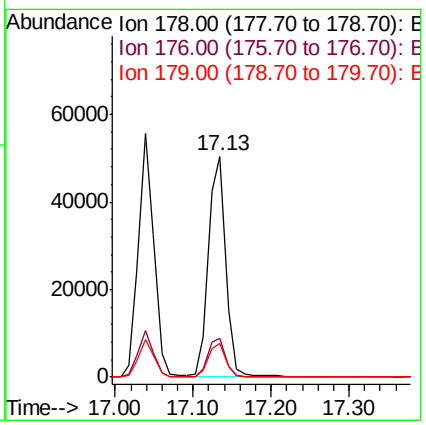


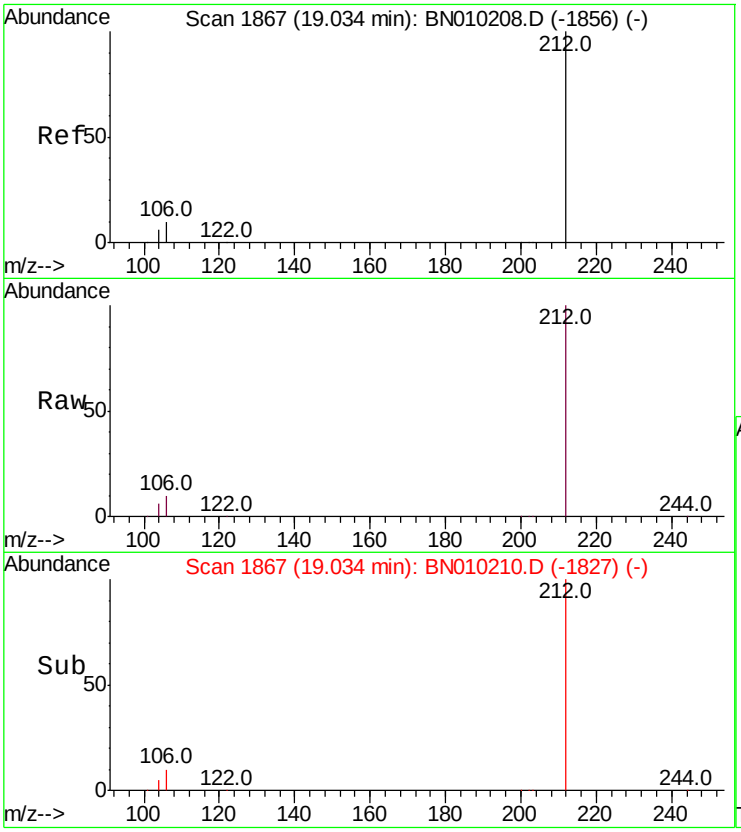


#24
Anthracene
Concen: 1.751 ng
RT: 17.13 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:178 Resp: 76591

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.1	12.5	18.7



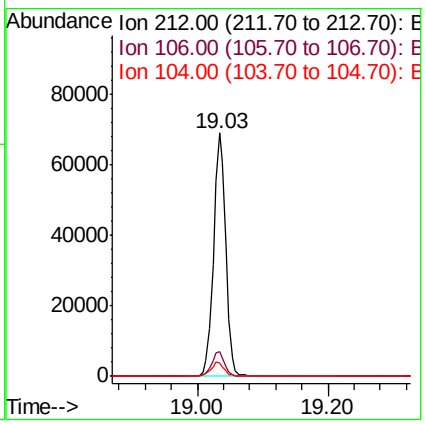


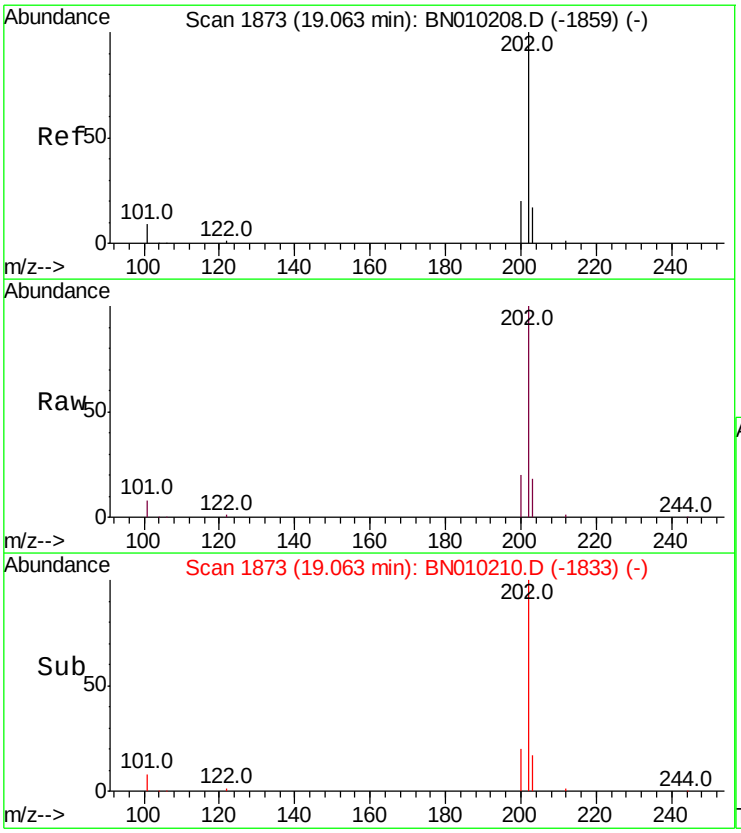
#25
Fluoranthene-d10
Concen: 1.477 ng
RT: 19.03 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 88806

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.1	12.1
104	5.7	4.7	7.1

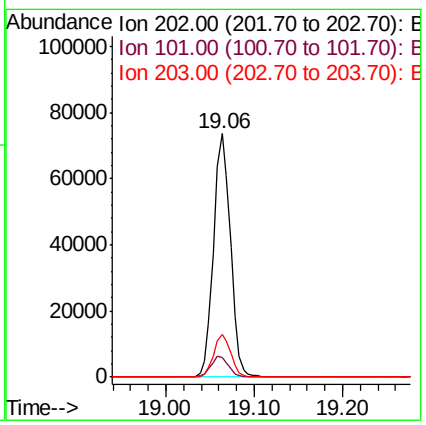


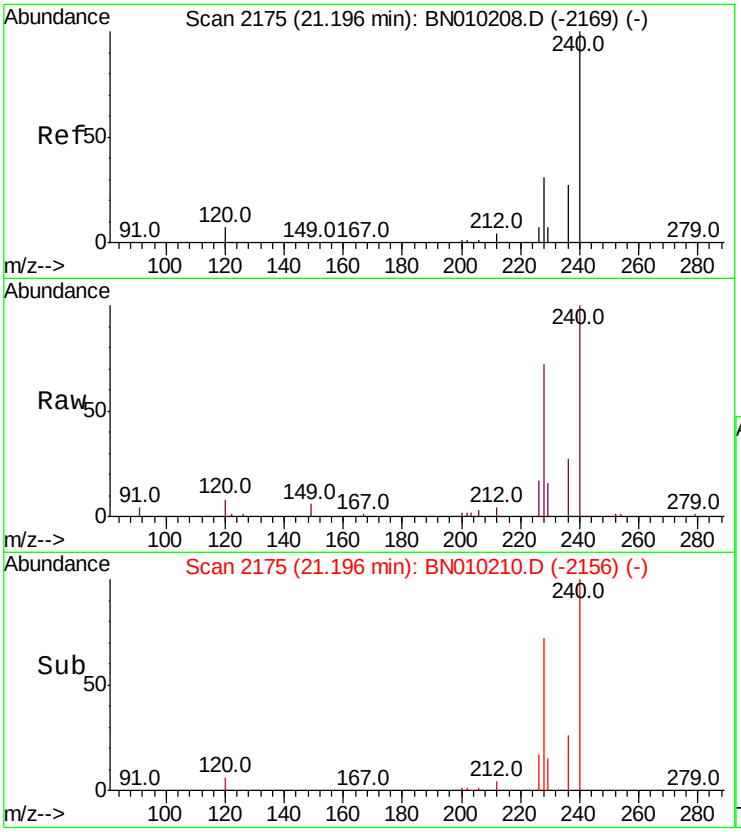


#26
Fluoranthene
Concen: 1.557 ng
RT: 19.06 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:202 Resp: 96482

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	17.4	13.9	20.9



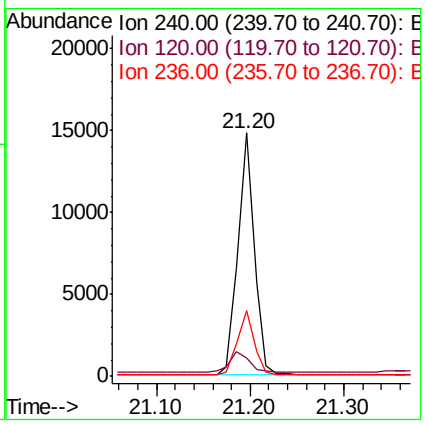


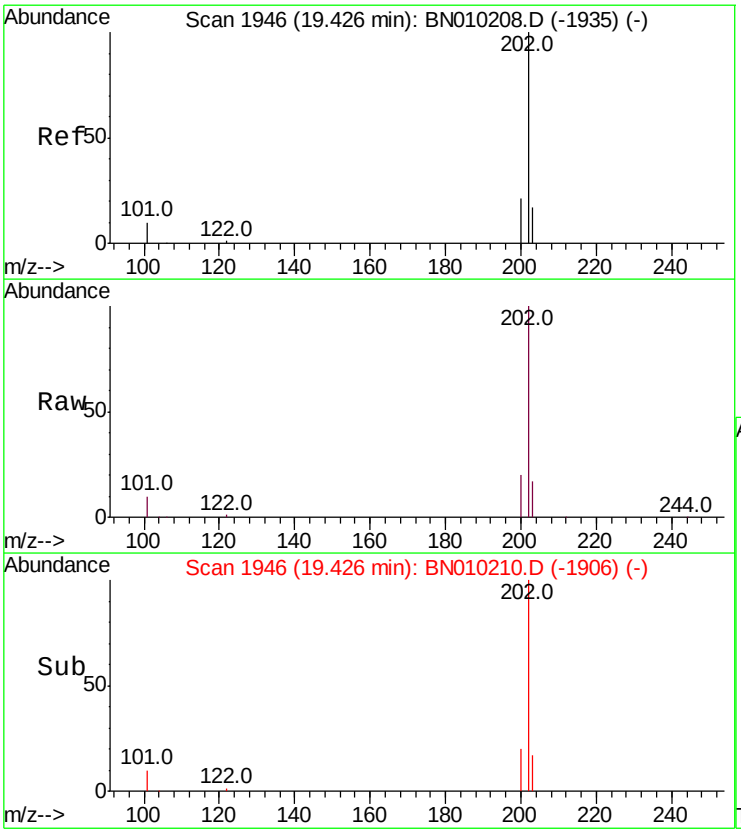
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 17912

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.7	11.5
236	26.8	21.8	32.6

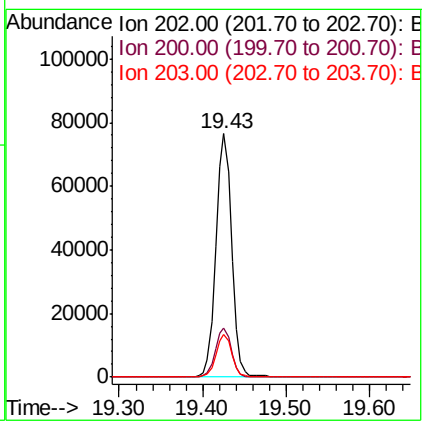


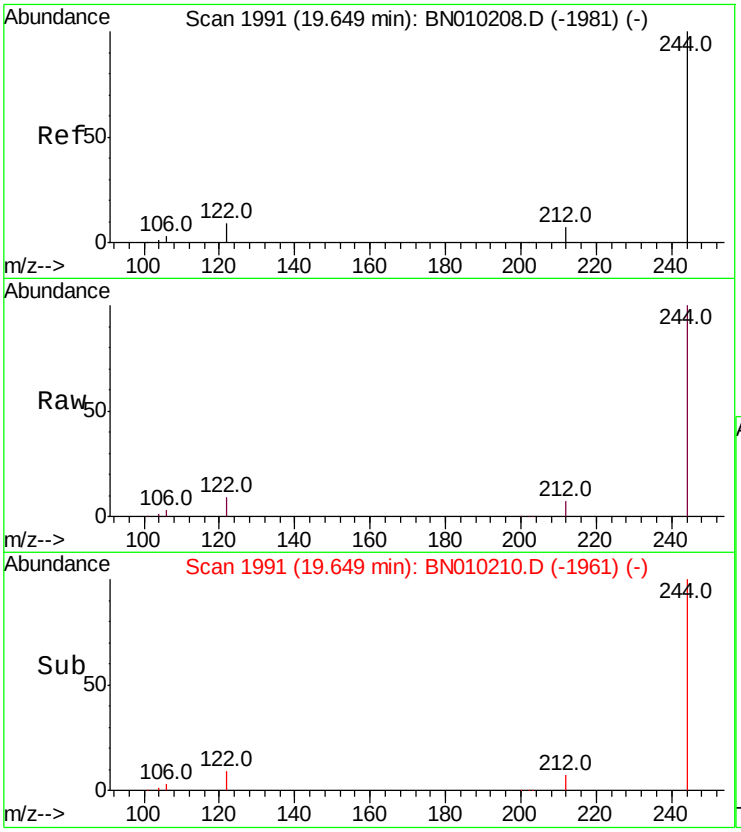


#28
Pyrene
Concen: 1.459 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:202 Resp: 99240

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.5	14.1	21.1



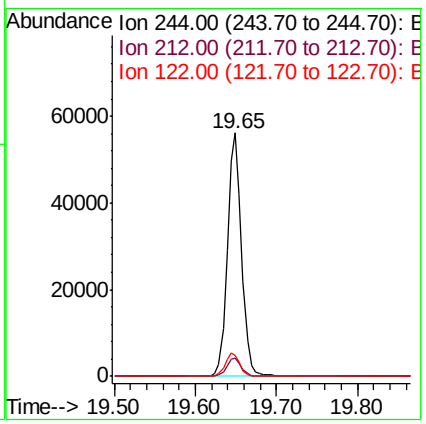


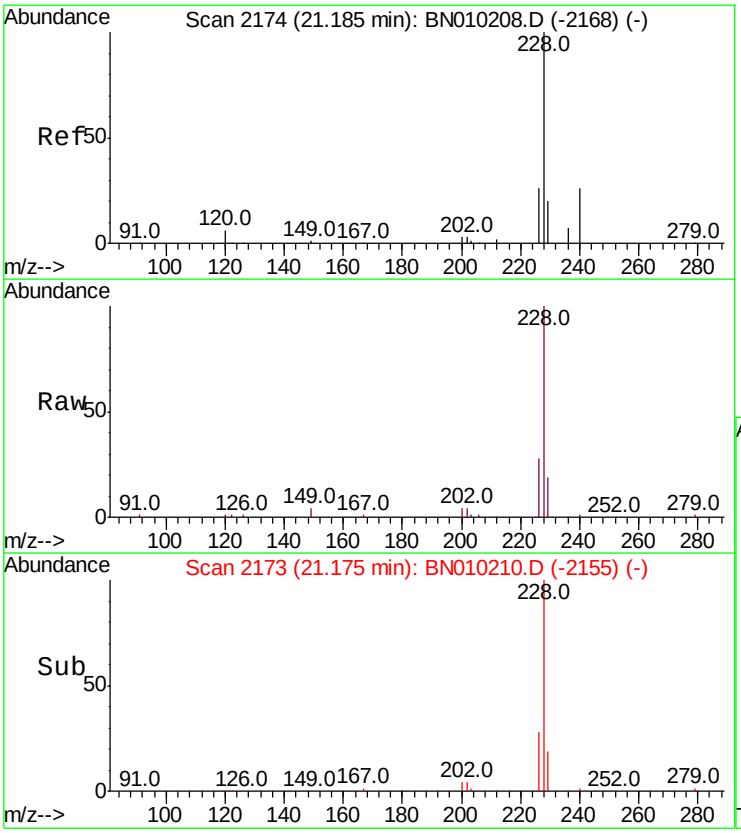
#29
Terphenyl-d14
Concen: 1.578 ng
RT: 19.65 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 67544

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	8.8	8.1	12.1

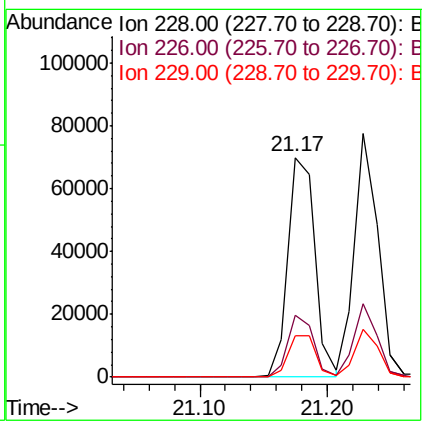


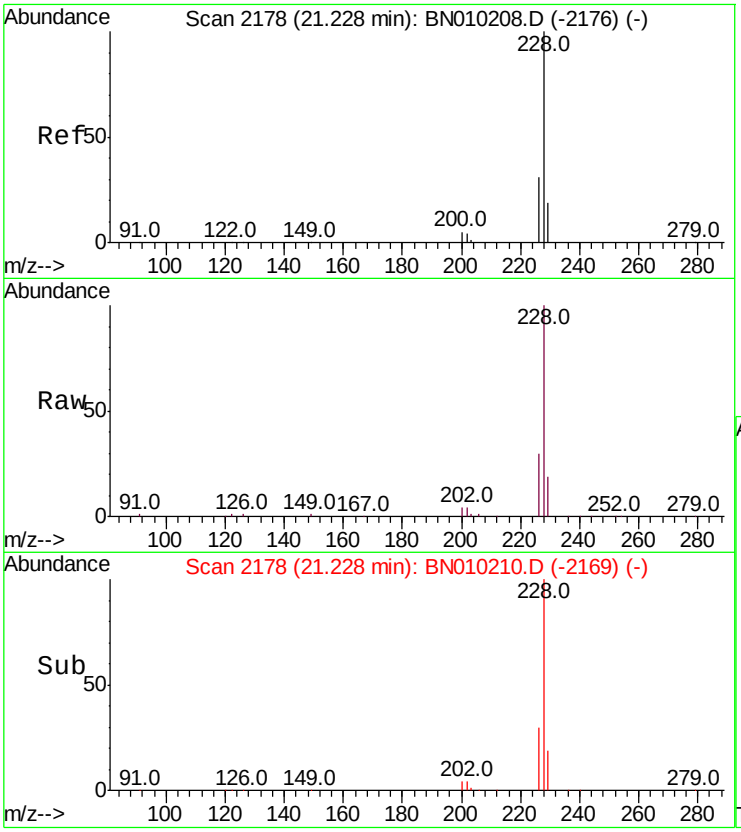


#30
Benzo(a)anthracene
Concen: 1.704 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:228 Resp: 101309

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.1	31.7
229	19.0	16.2	24.4



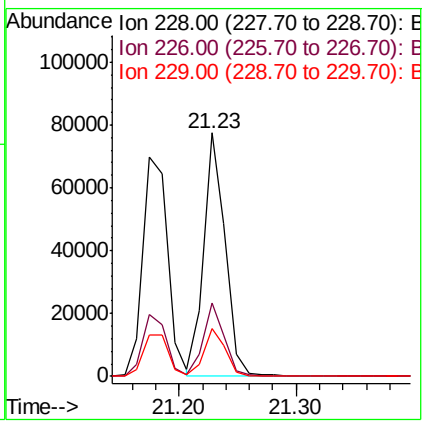


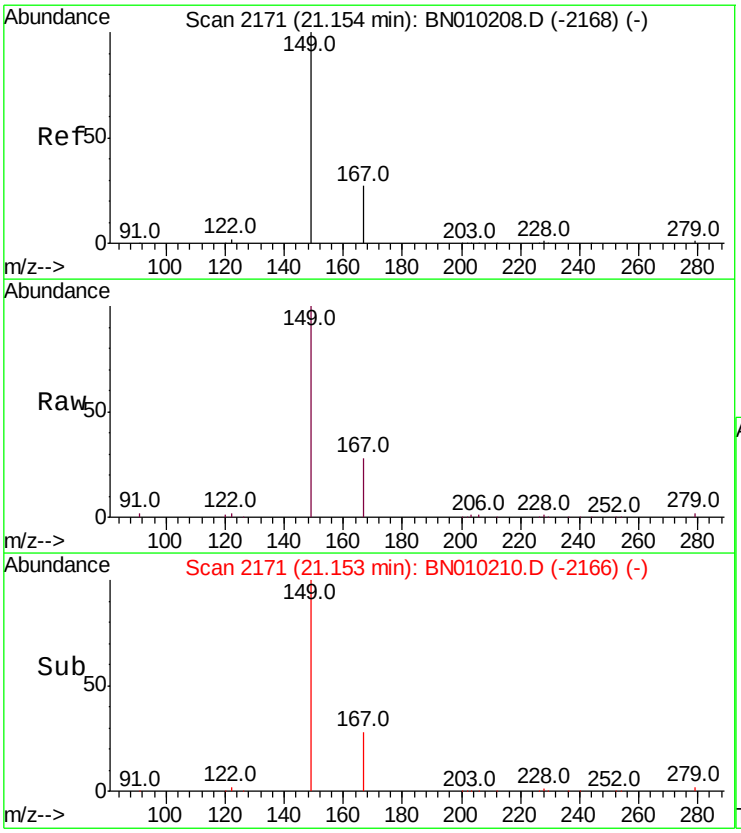
#31
Chrysene
Concen: 1.434 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 98609

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	19.5	15.7	23.5

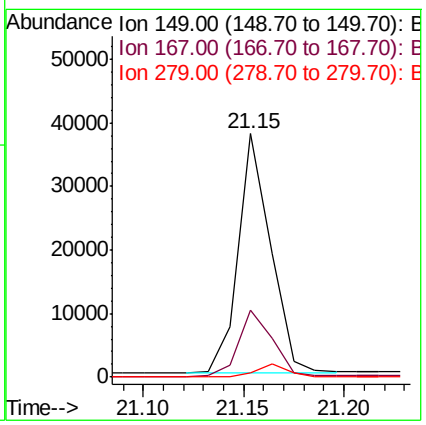


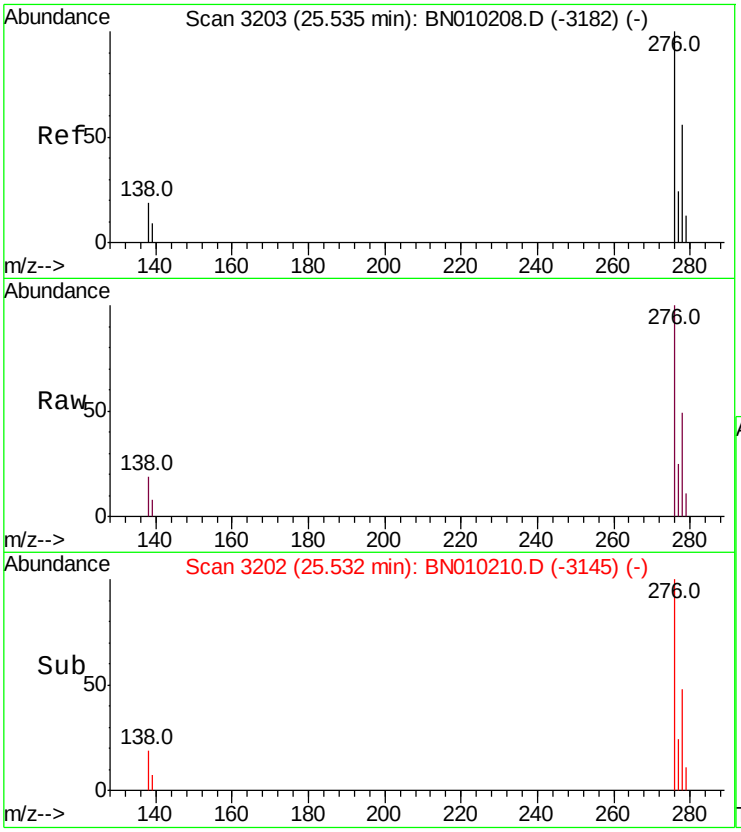


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.459 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:149 Resp: 42316

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.0	31.4
279	4.9	0.0	0.0#



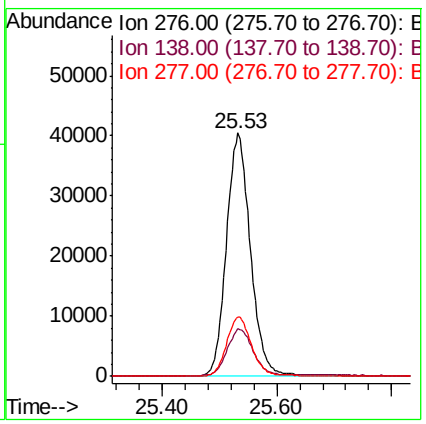


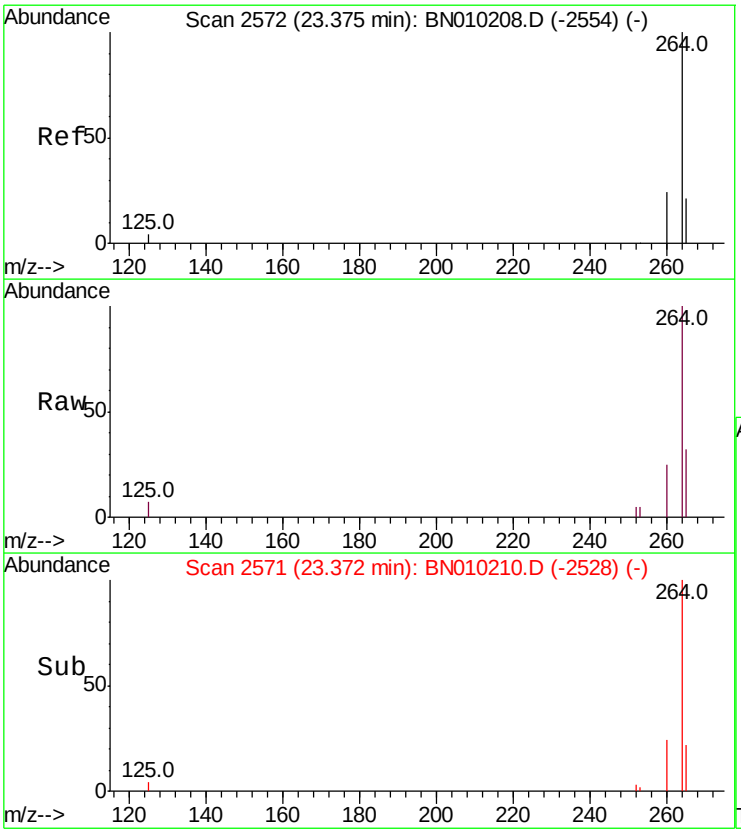
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.636 ng
RT: 25.53 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 117152

Ion	Ratio	Lower	Upper
276	100		
138	20.7	0.0	0.0#
277	25.0	0.0	0.0#

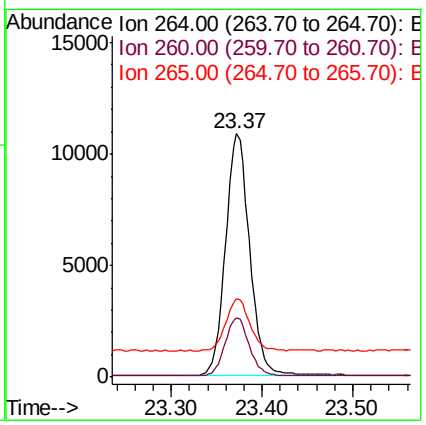


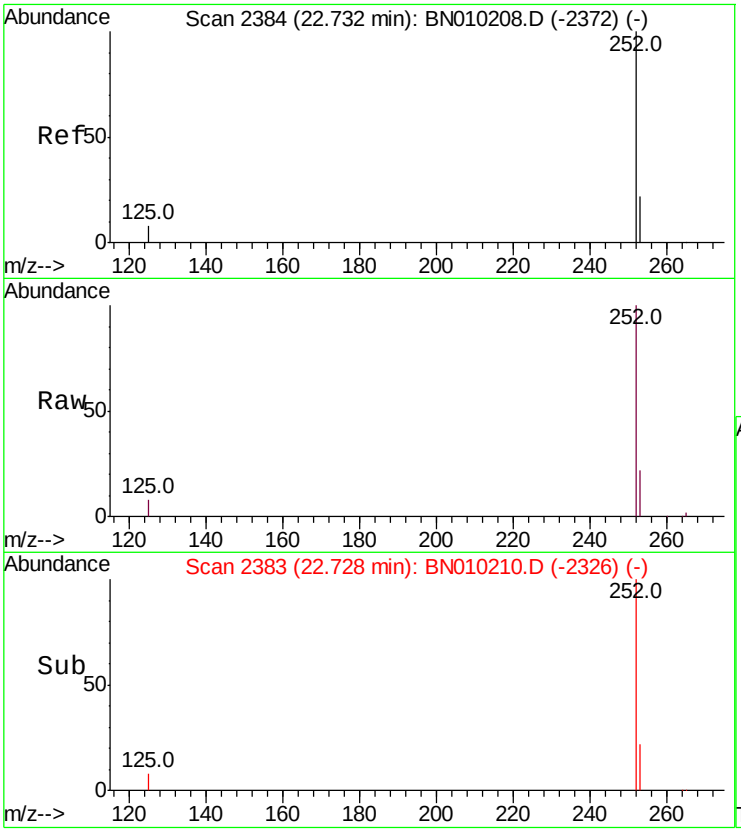


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:264 Resp: 19856

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	32.3	25.8	38.6



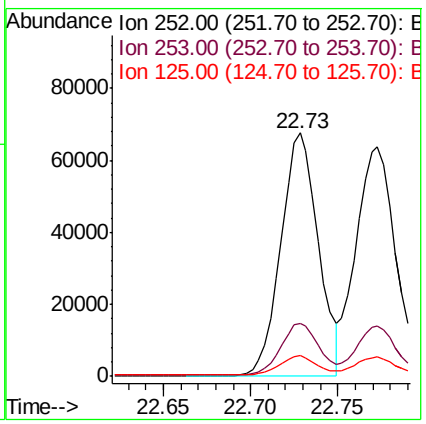


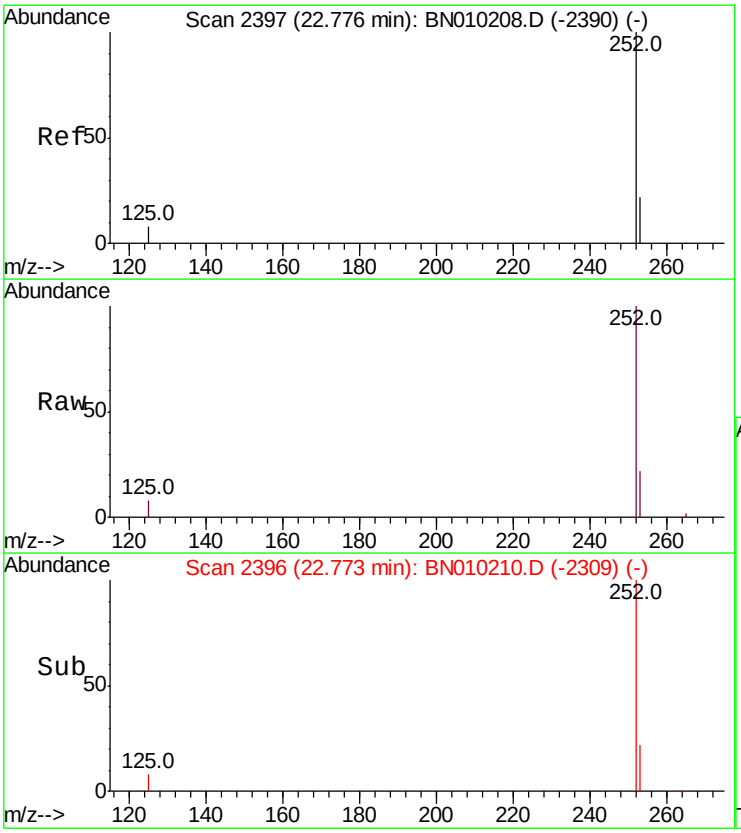
#35
Benzo(b)fluoranthene
Concen: 1.395 ng
RT: 22.73 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 101281

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	8.3	7.9	11.9

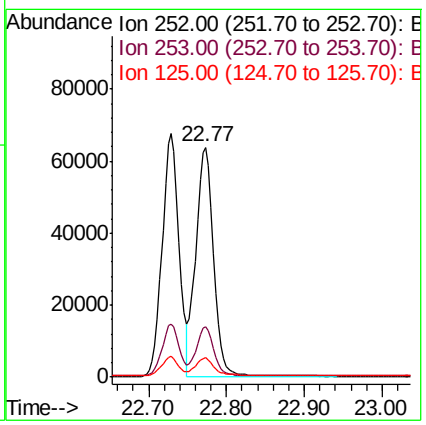


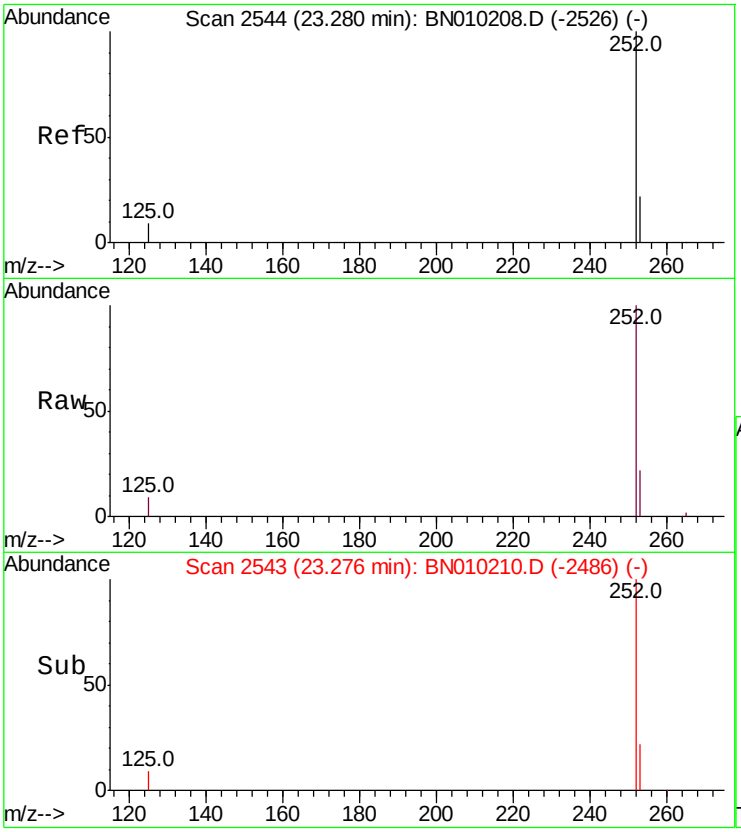


#36
Benzo(k)fluoranthene
Concen: 1.293 ng
RT: 22.77 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:252 Resp: 102182

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	8.3	8.2	12.4



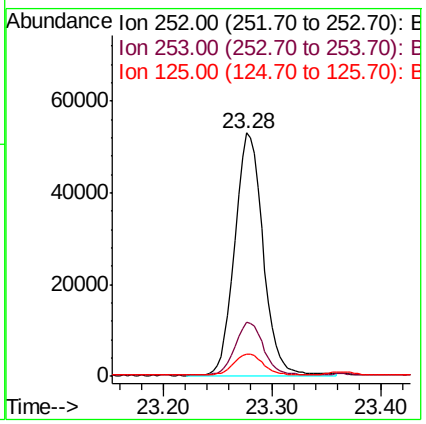


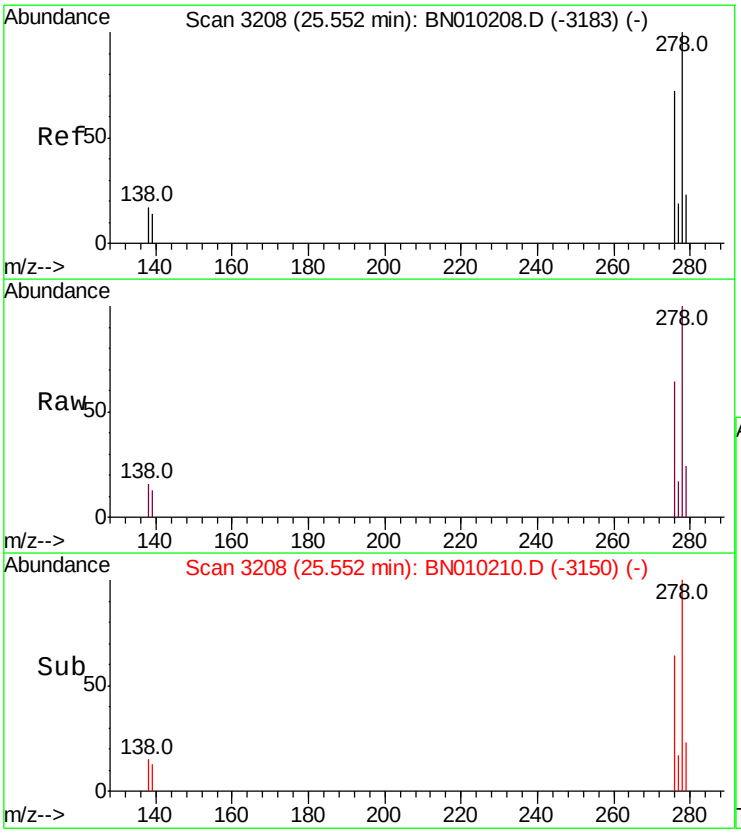
#37
Benzo(a)pyrene
Concen: 1.431 ng
RT: 23.28 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 94797

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.1	28.7
125	9.4	9.2	13.8

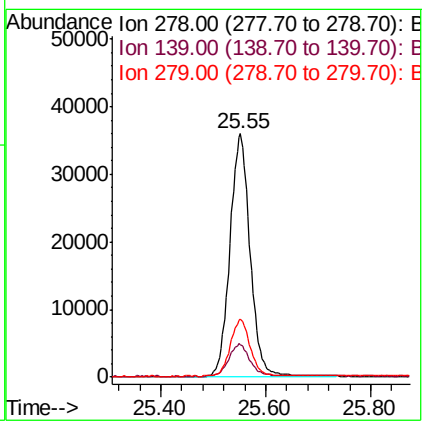


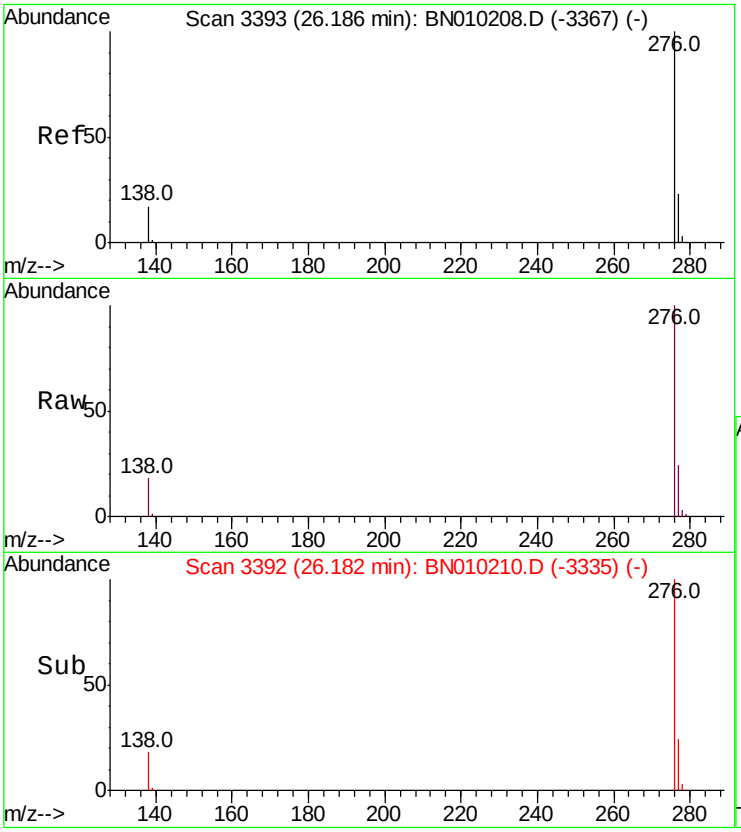


#38
Dibenzo(a,h)anthracene
Concen: 1.471 ng
RT: 25.55 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion:278 Resp: 95958

Ion	Ratio	Lower	Upper
278	100		
139	13.4	12.4	18.6
279	23.7	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 1.370 ng
RT: 26.18 min Scan# 3392
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 95149

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	18.0	15.4	23.2