Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010788.D
Acq On : 05 Jun 2020 19:17
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 05 22:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:14:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2552	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	8428	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4535	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	9468	0.40	ng		0.00
27) Chrysene-d12	21.13	240	9363	0.40	ng		-0.01
34) Perylene-d12	23.29	264	9361	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3799	0.76	ng		0.00
5) Phenol-d6	6.75	99	4474	0.73	ng		0.00
8) Nitrobenzene-d5	8.69	82	4693	0.80	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	9765	0.71	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1186	0.72	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	13883	0.83	ng		-0.01
25) Fluoranthene-d10	18.97	212	19835	0.77	ng		0.00
29) Terphenyl-d14	19.58	244	15879	0.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1961	0.891	ng		99
3) n-Nitrosodimethylamine	3.55	42	1125	0.888	ng	#	49
6) bis(2-Chloroethyl)ether	7.00	93	4650	0.740	ng		98
9) Naphthalene	10.37	128	16075	0.758	ng		99
10) Hexachlorobutadiene	10.66	225	3919	0.808	ng	#	99
12) 2-Methylnaphthalene	11.98	142	10613	0.710	ng		97
16) Acenaphthylene	13.90	152	13964	0.754	ng		99
17) Acenaphthene	14.25	154	9459	0.756	ng		99
18) Fluorene	15.24	166	12344	0.753	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	4274	0.817	ng		94
21) Hexachlorobenzene	16.25	284	4441	0.714	ng		99
22) Pentachlorophenol	16.59	266	1415	0.734	ng		98
23) Phenanthrene	16.97	178	19463	0.767	ng		100
24) Anthracene	17.06	178	16068	0.753	ng		99
26) Fluoranthene	19.00	202	22452	0.778	ng		99
28) Pyrene	19.37	202	22354	0.666	ng		100
30) Benzo(a)anthracene	21.12	228	21183	0.776	ng		99
31) Chrysene	21.17	228	23176	0.750	ng		99
32) Bis(2-ethylhexyl)phthalate	21.08	149	6663	0.557	ng		98
33) Indeno(1,2,3-cd)pyrene	25.41	276	28812	1.048	ng		100
35) Benzo(b)fluoranthene	22.65	252	22909	0.740	ng		96
36) Benzo(k)fluoranthene	22.69	252	25413	0.762	ng	#	94
37) Benzo(a)pyrene	23.20	252	20327	0.759	ng	#	79
38) Dibenzo(a,h)anthracene	25.42	278	23580	1.031	ng		96
39) Benzo(g,h,i)perylene	26.05	276	23759	0.885	ng		99

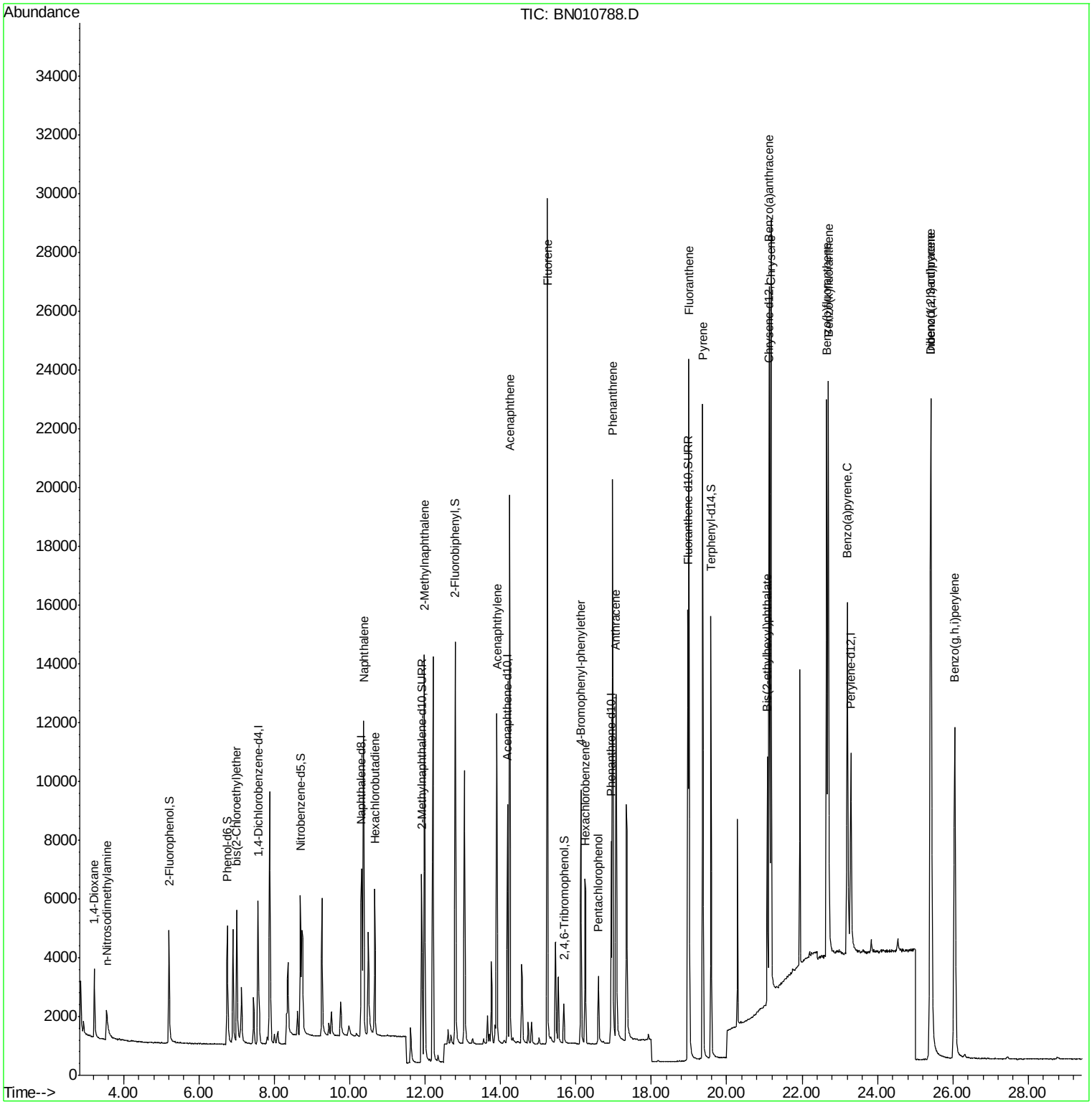
(#) = qualifier out of range (m) = manual integration (+) = signals summed

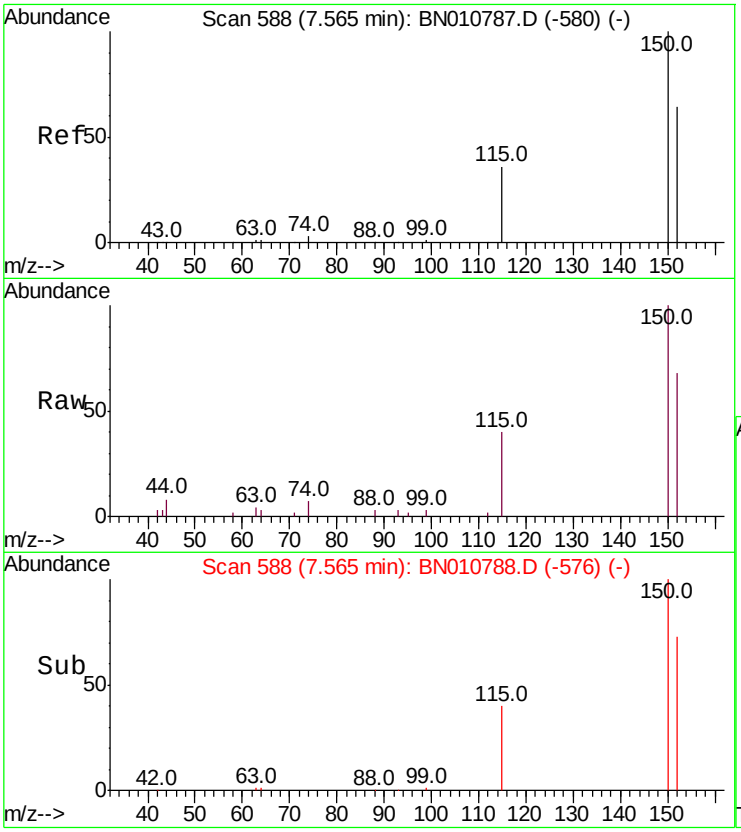
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010788.D
Acq On : 05 Jun 2020 19:17
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 05 22:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:14:50 2020
Response via : Initial Calibration



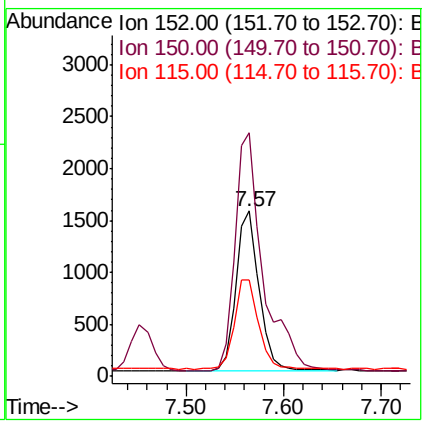


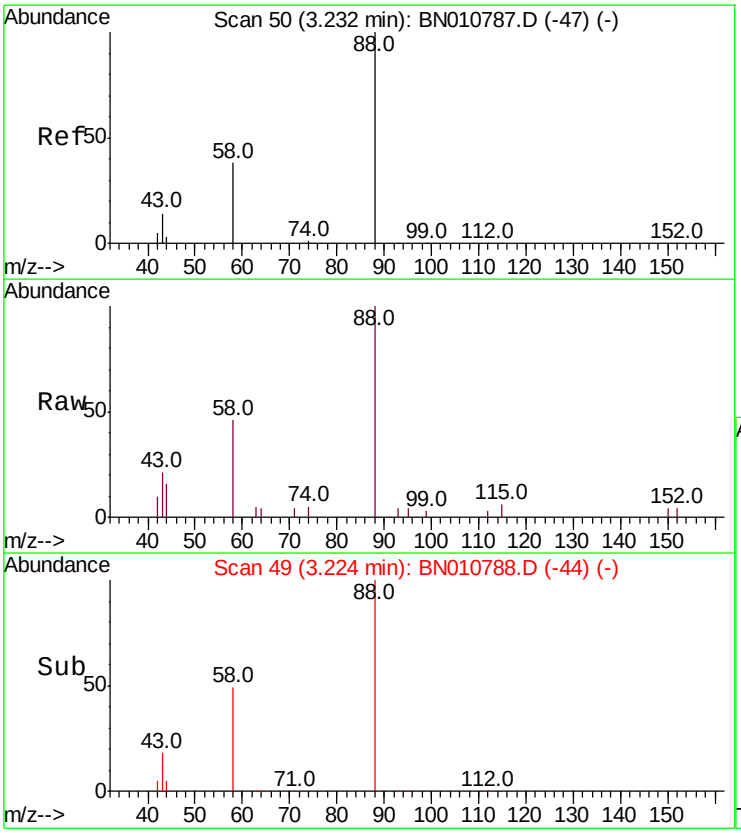
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2552

Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.6	185.4
115	58.3	47.6	71.4

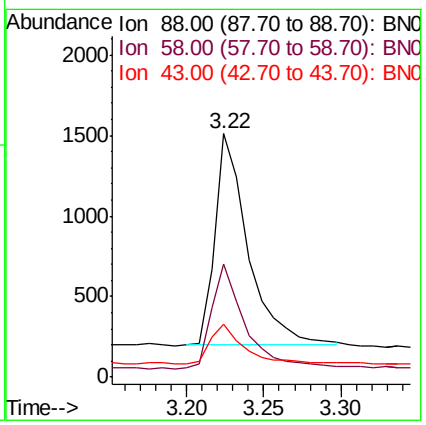


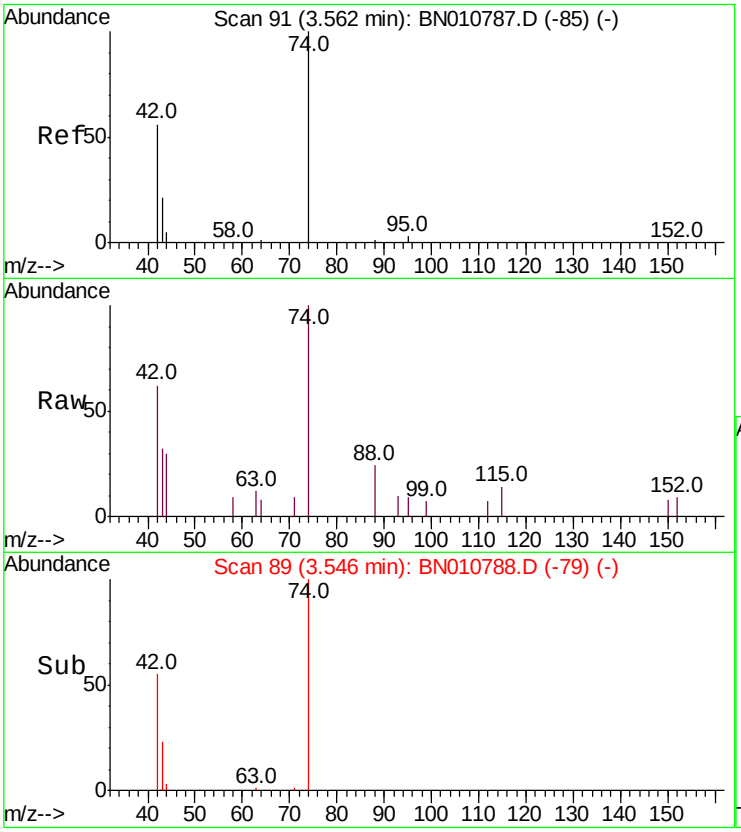


#2
1,4-Dioxane
Concen: 0.891 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion: 88 Resp: 1961

Ion	Ratio	Lower	Upper
88	100		
58	48.4	38.8	58.2
43	18.7	15.9	23.9



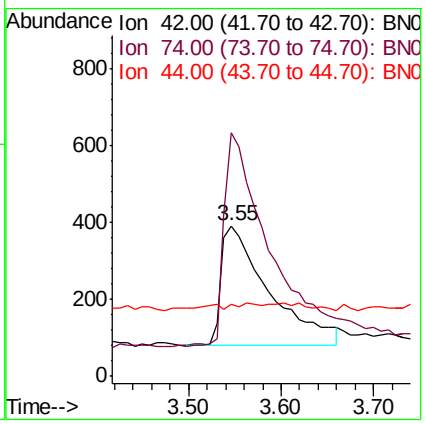


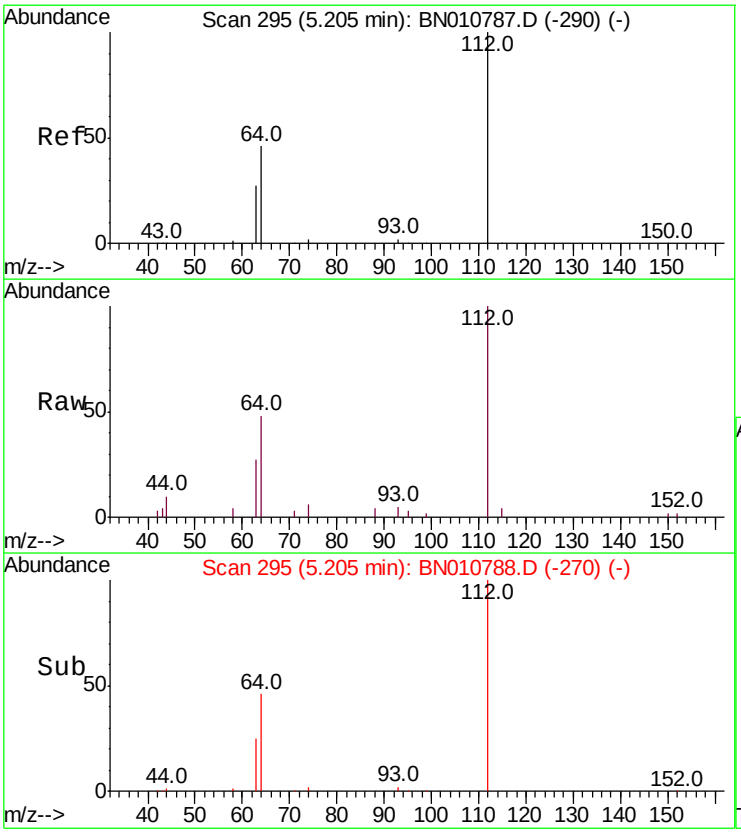
#3
n-Nitrosodimethylamine
Concen: 0.888 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1125

Ion	Ratio	Lower	Upper
42	100		
74	169.1	0.8	1.2#
44	3.2	7.8	11.6#

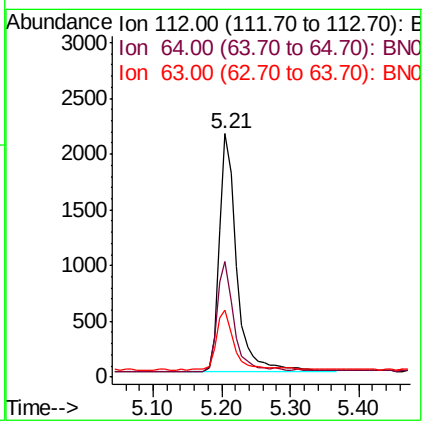


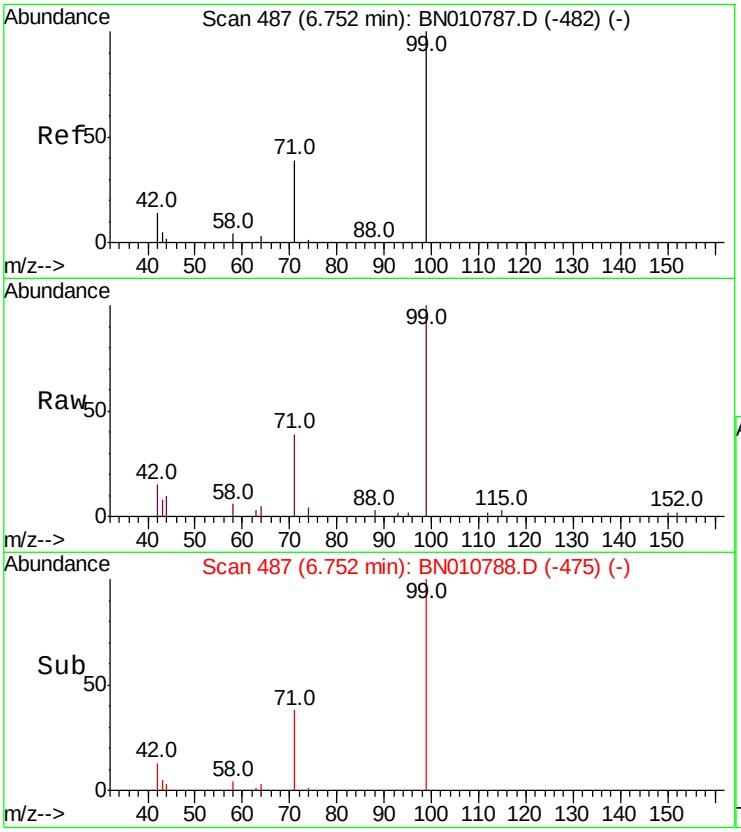


#4
2-Fluorophenol
Concen: 0.760 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:112 Resp: 3799

Ion	Ratio	Lower	Upper
112	100		
64	45.2	35.8	53.8
63	25.7	20.9	31.3



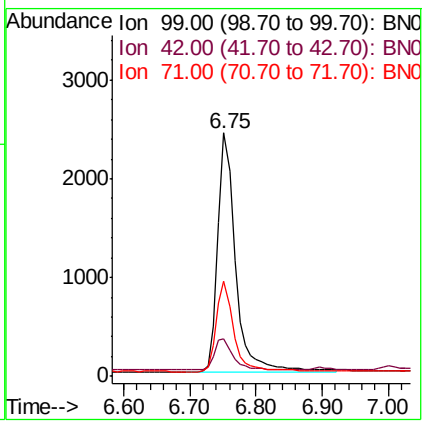


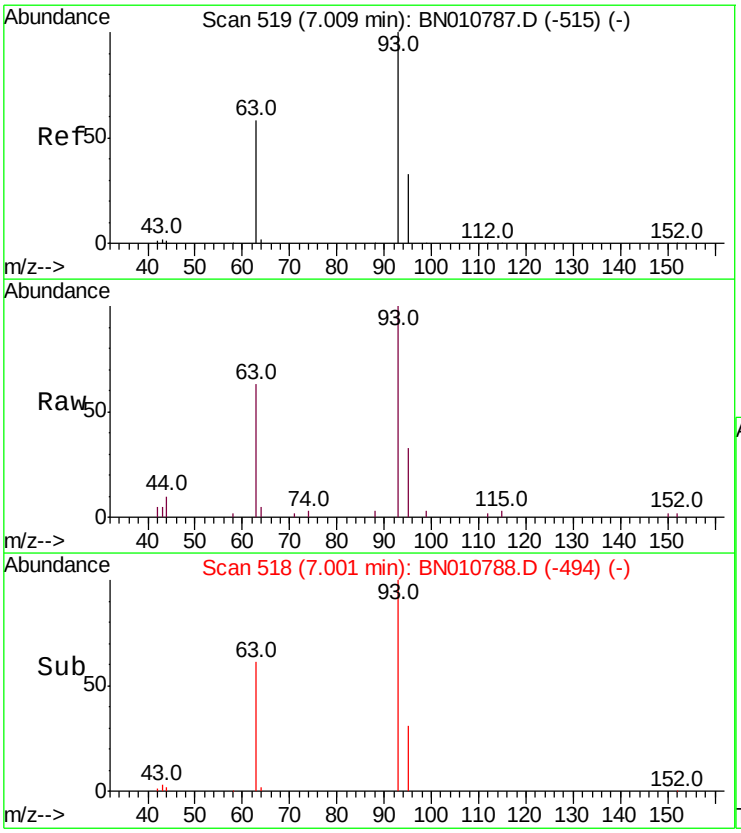
#5
Phenol-d6
Concen: 0.733 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 4474

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.1	16.7
71	37.4	30.6	46.0

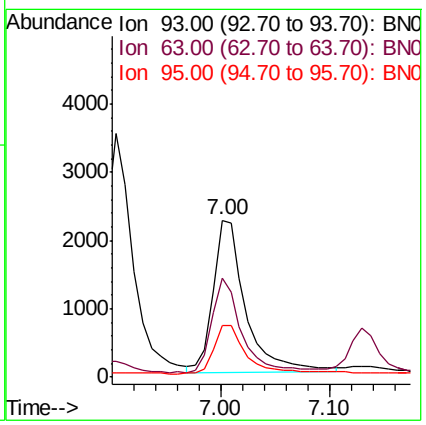


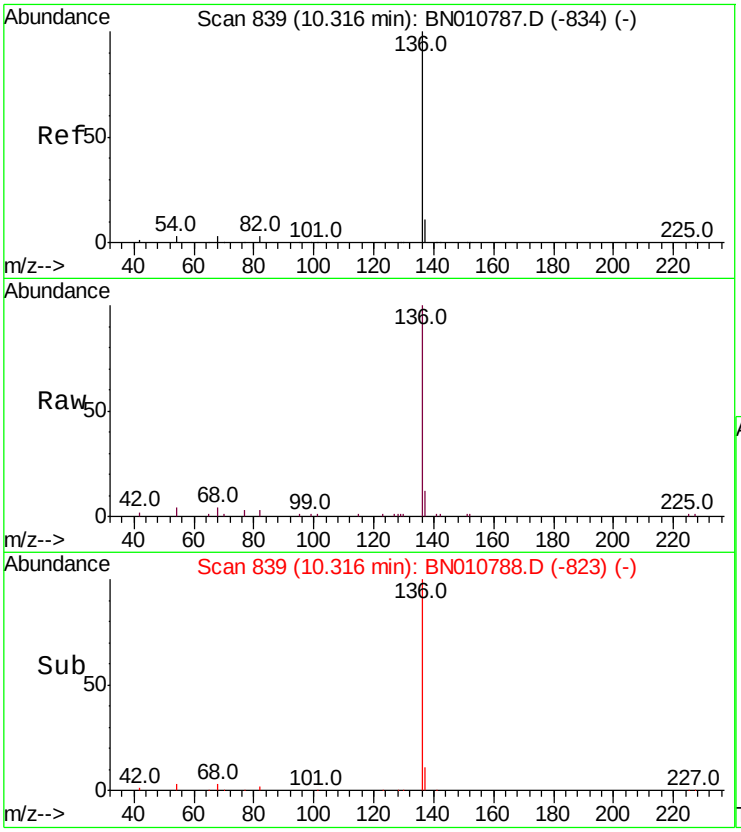


#6
bis(2-Chloroethyl)ether
Concen: 0.740 ng
RT: 7.00 min Scan# 518
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion: 93 Resp: 4650

Ion	Ratio	Lower	Upper
93	100		
63	56.3	46.2	69.4
95	33.1	27.6	41.4



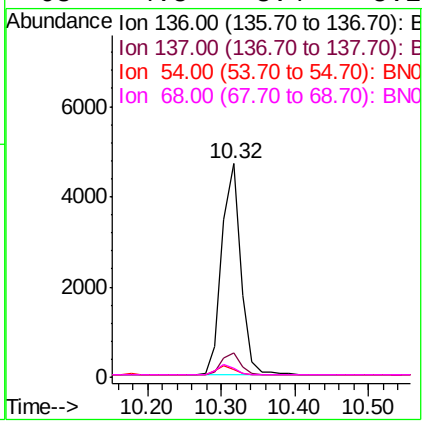


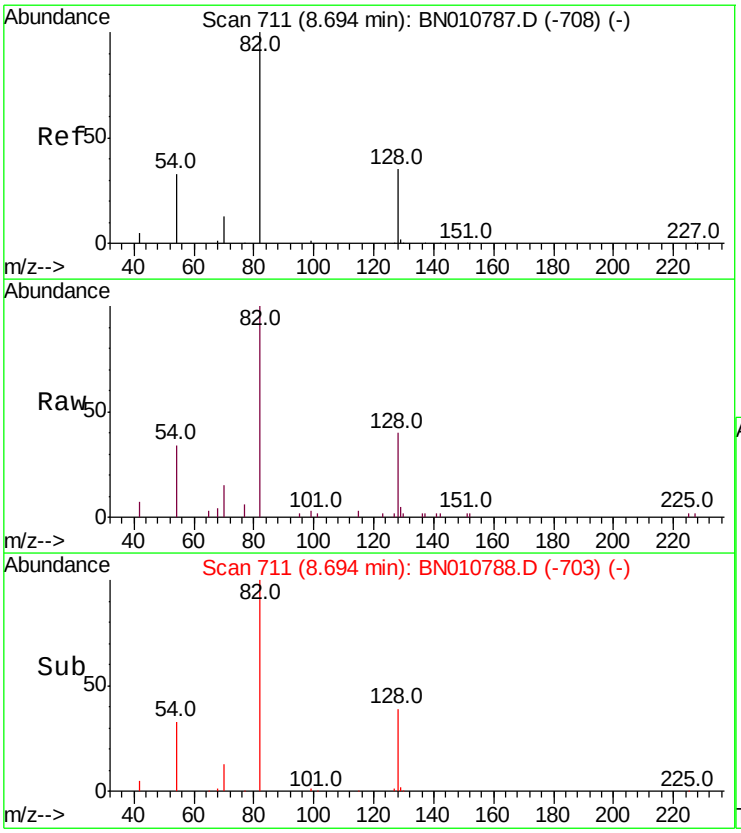
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 8428

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	3.7	3.3	4.9
68	4.5	3.4	5.2

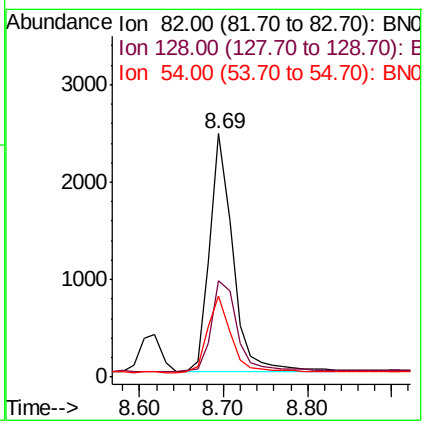


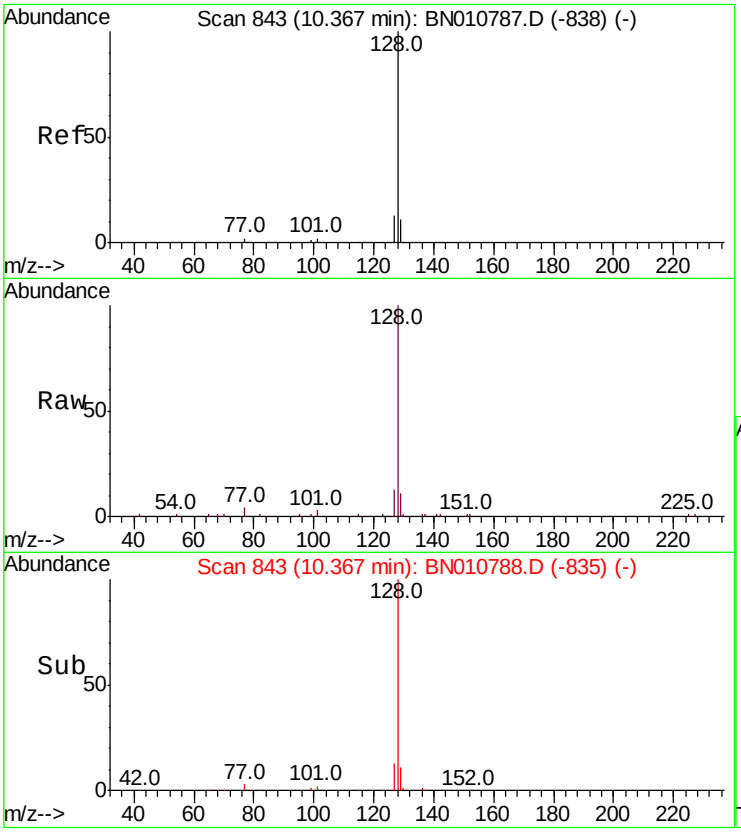


#8
Nitrobenzene-d5
Concen: 0.802 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion: 82 Resp: 4693

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.4	47.0
54	33.5	28.9	43.3



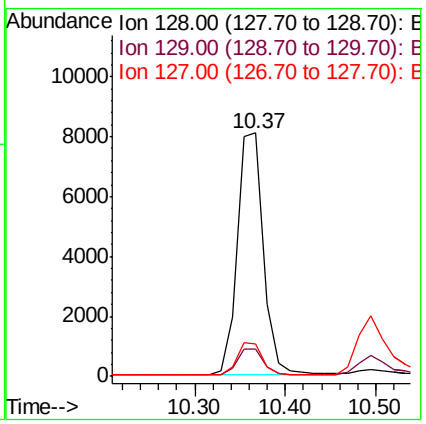


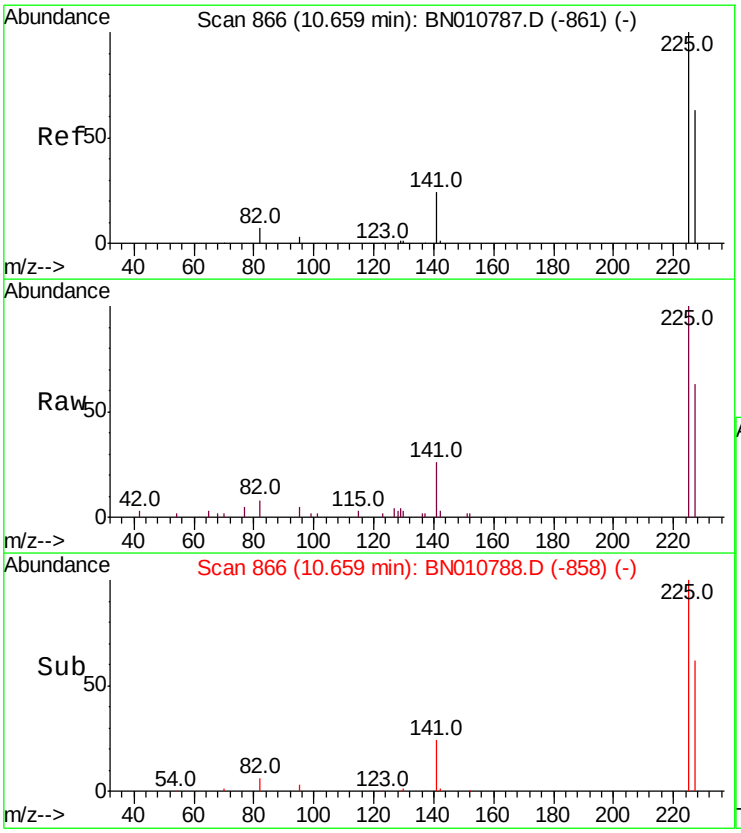
#9
Naphthalene
Concen: 0.758 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 16075

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.1	11.0	16.6

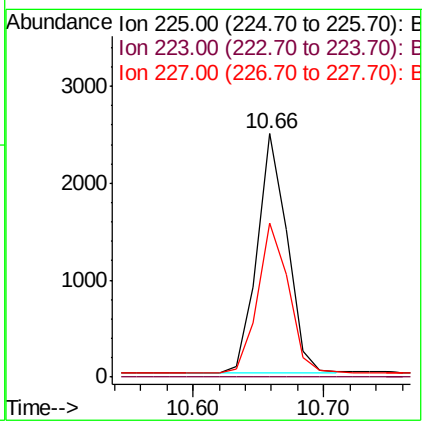


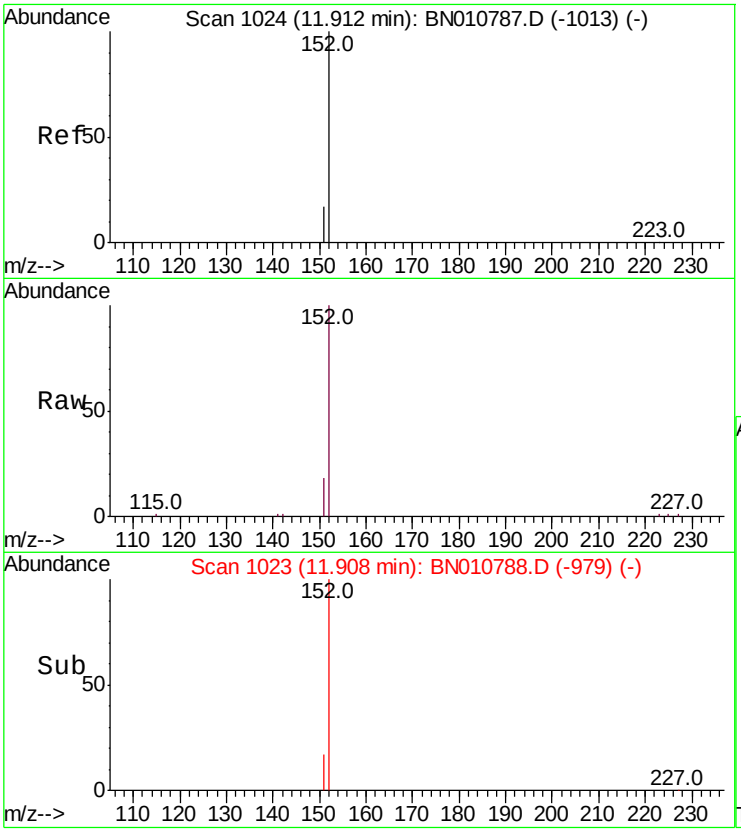


#10
Hexachlorobutadiene
Concen: 0.808 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:225 Resp: 3919

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.0	76.4



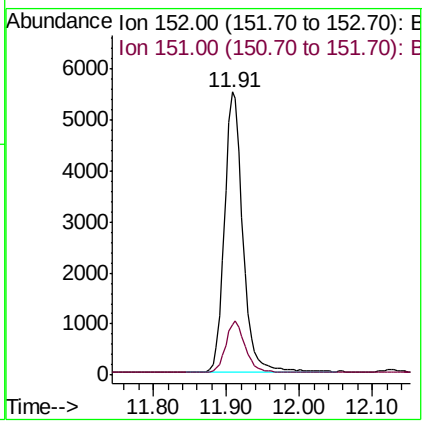


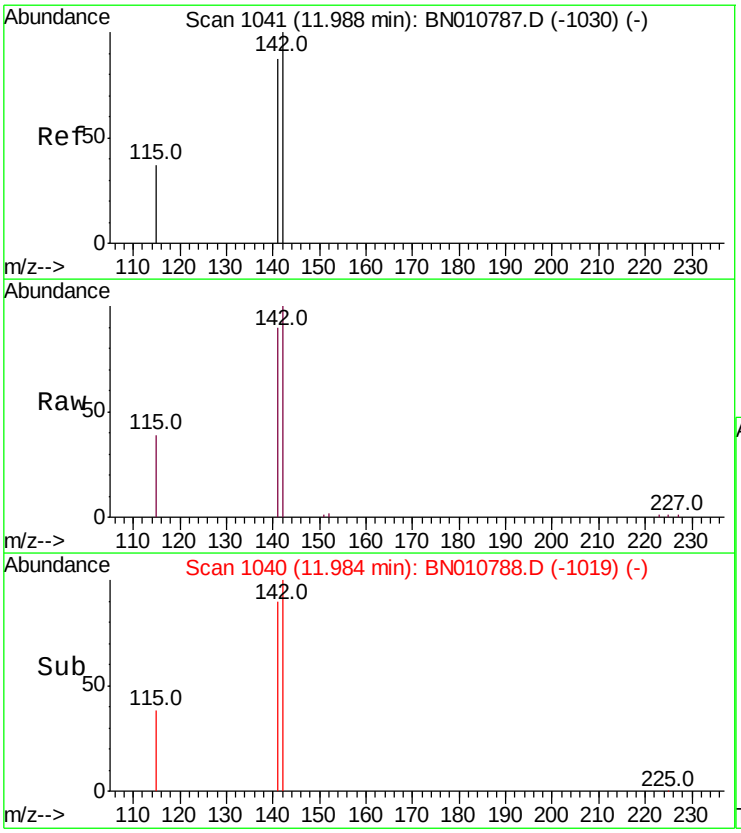
#11
2-Methylnaphthalene-d10
Concen: 0.710 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 9765

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

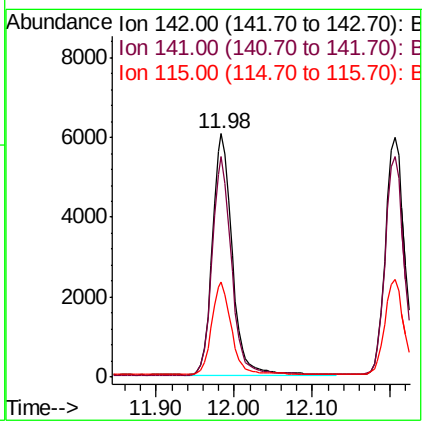


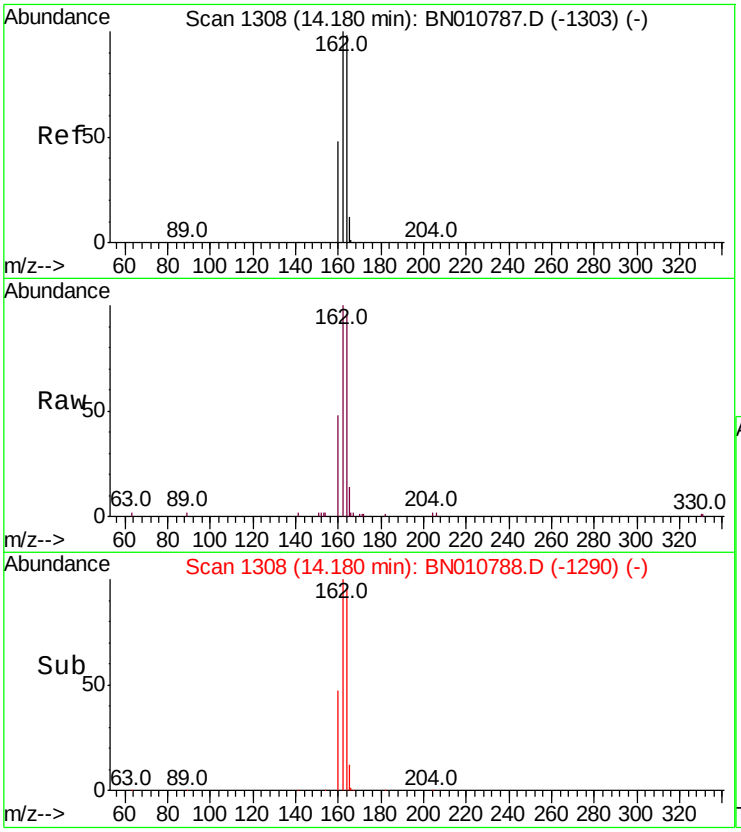


#12
2-Methylnaphthalene
Concen: 0.710 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:142 Resp: 10613

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.8	104.6
115	39.2	31.0	46.6



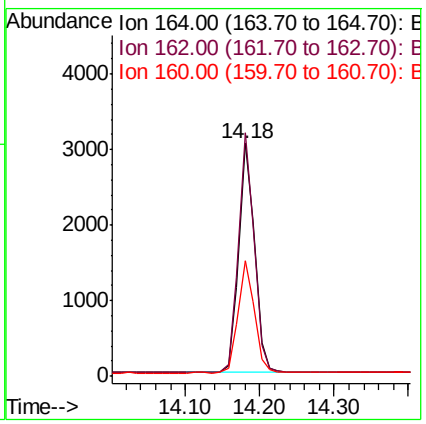


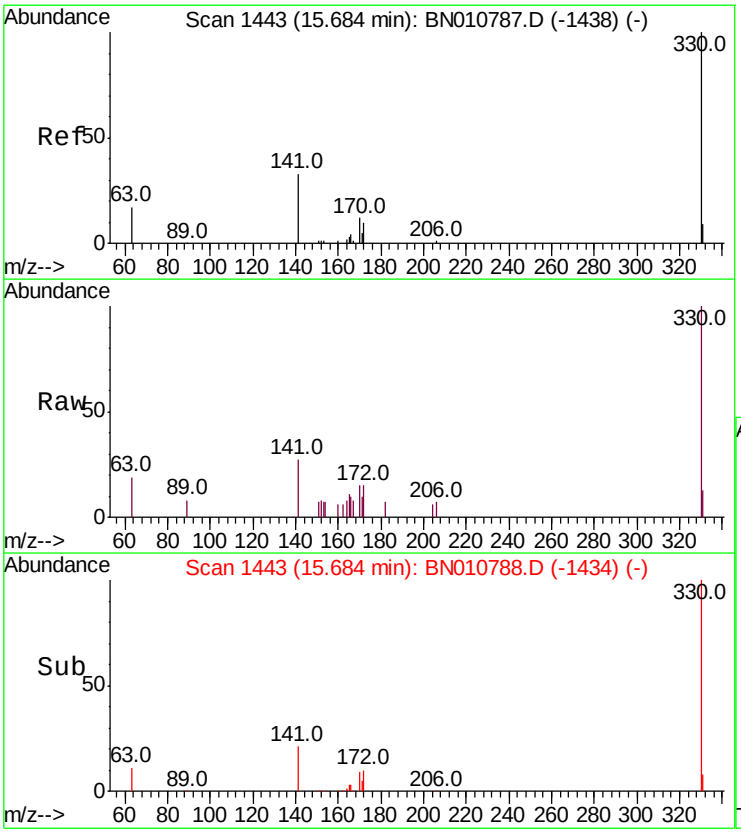
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 4535

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.8	122.8
160	49.8	40.2	60.2

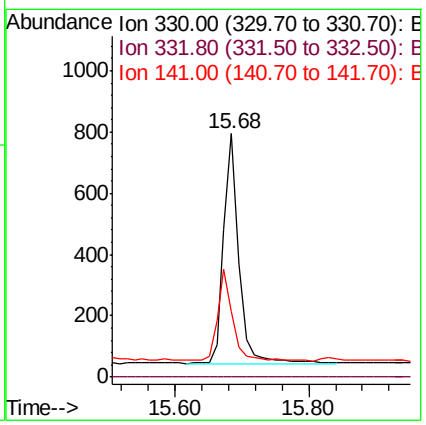


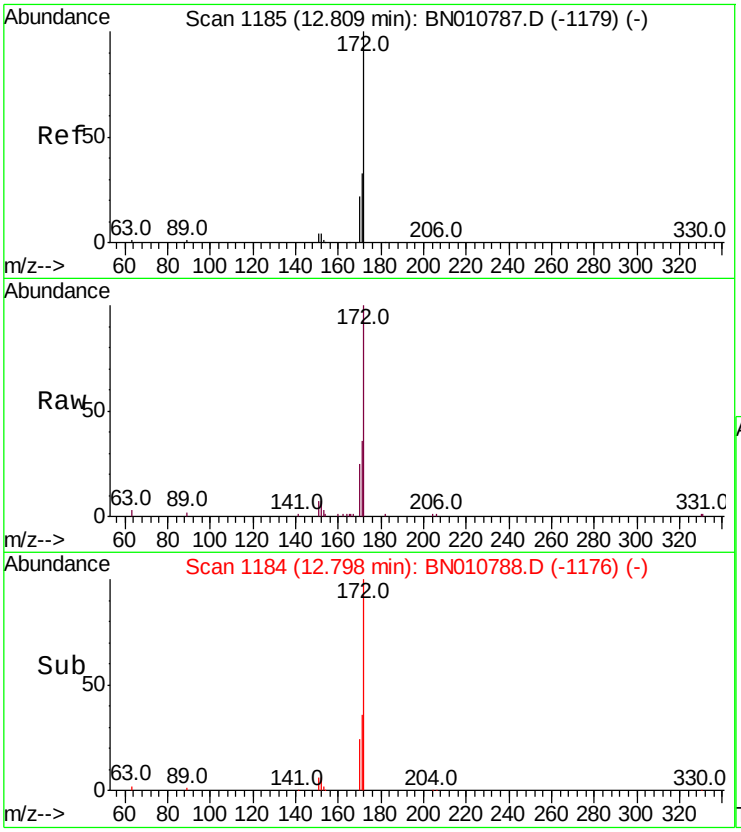


#14
2,4,6-Tribromophenol
Concen: 0.721 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:330 Resp: 1186

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.2	32.1	48.1



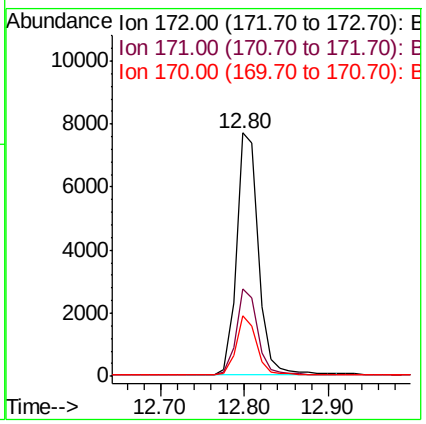


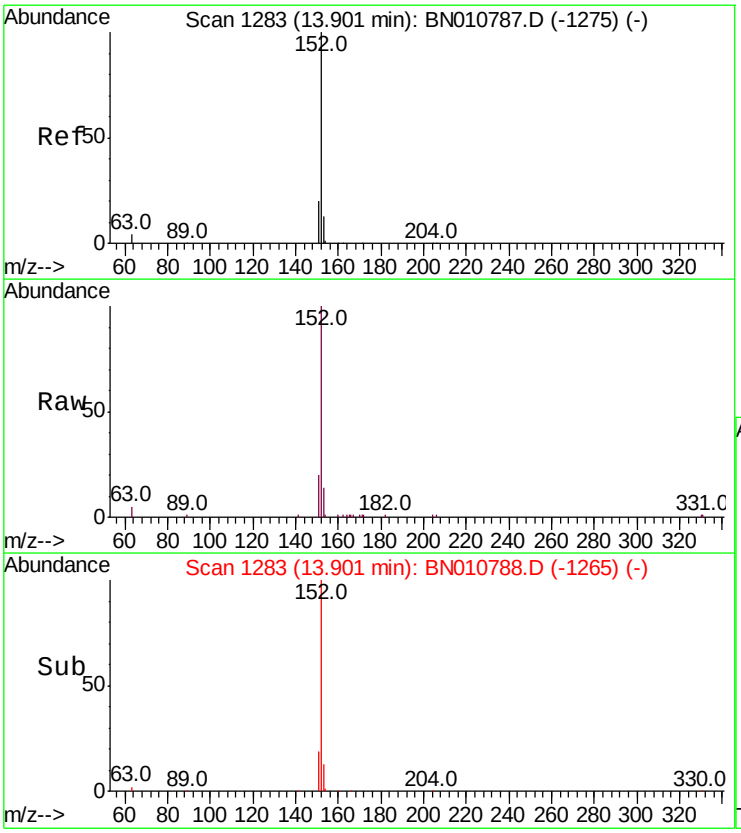
#15
2-Fluorobiphenyl
Concen: 0.834 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 13883

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.2	40.8
170	24.7	18.1	27.1

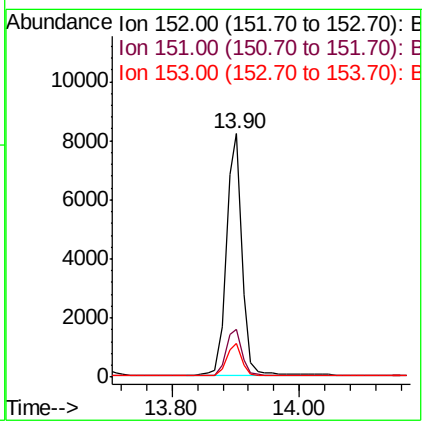


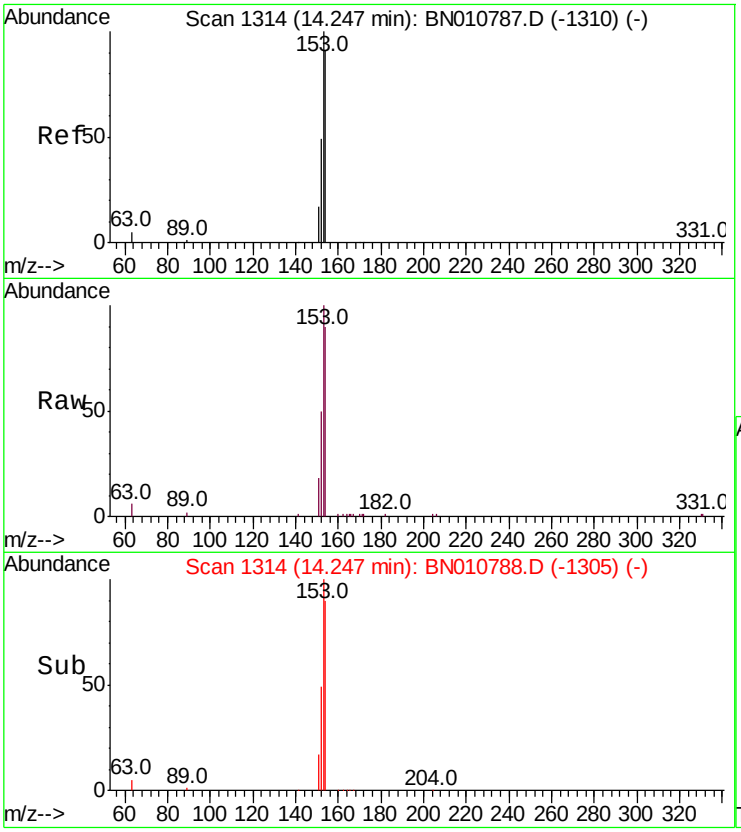


#16
Acenaphthylene
Concen: 0.754 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:152 Resp: 13964

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.8	16.2



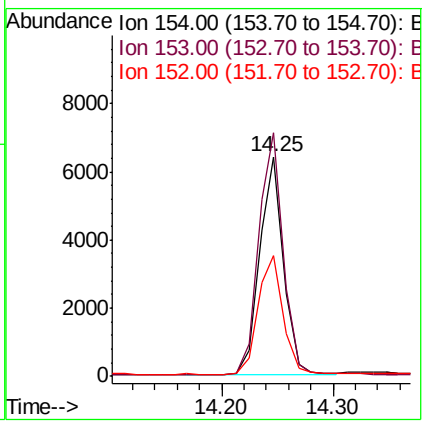


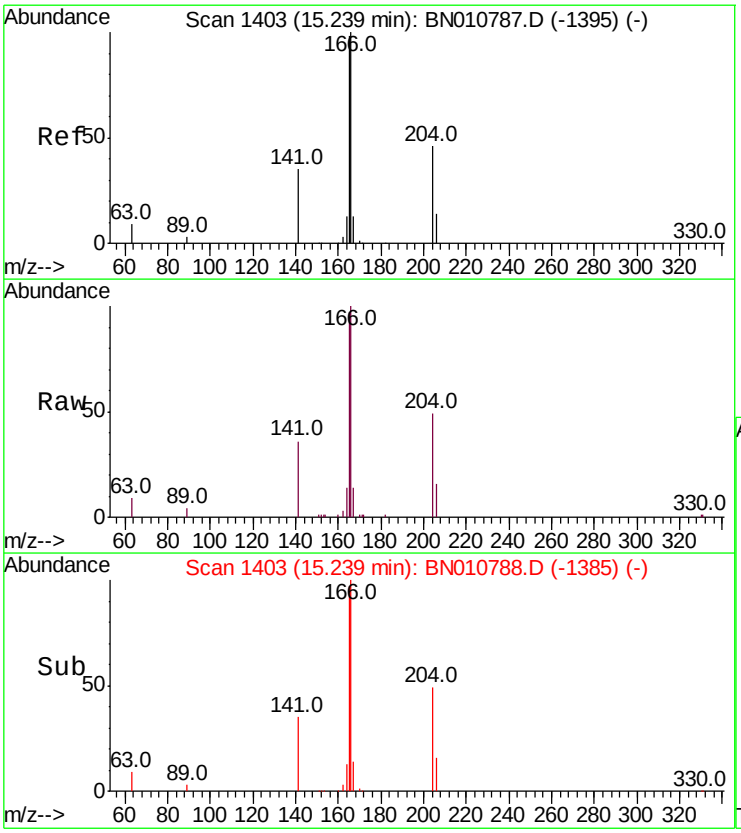
#17
Acenaphthene
Concen: 0.756 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 9459

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.3	135.5
152	58.1	45.9	68.9

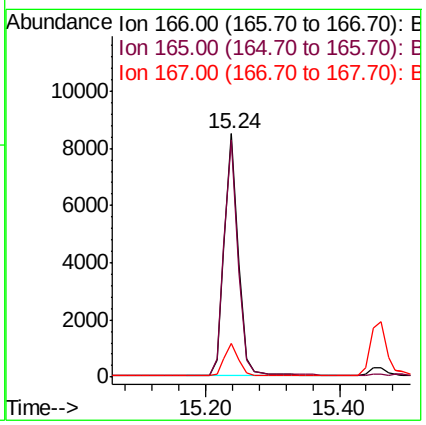


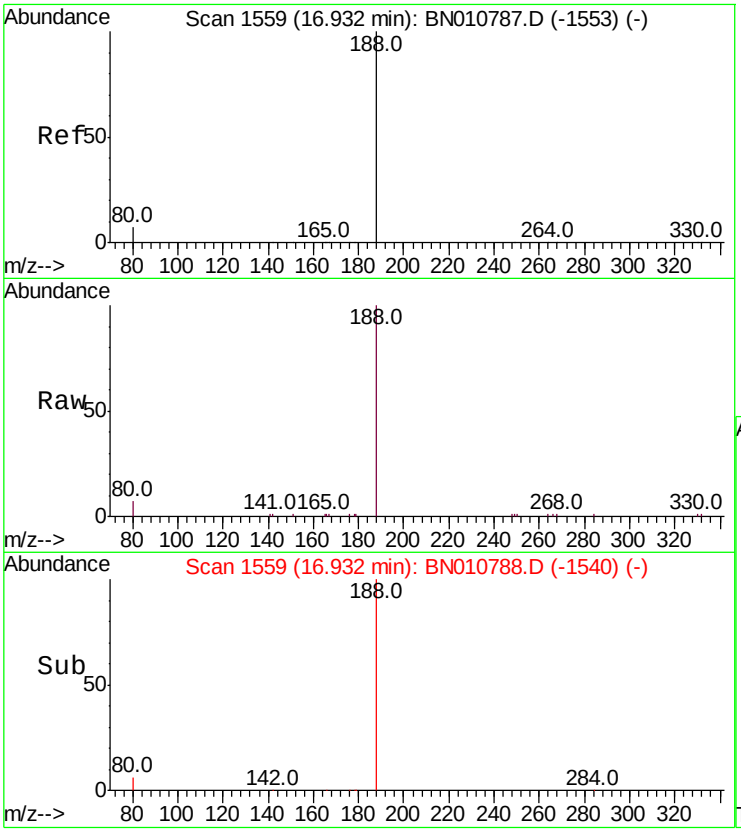


#18
Fluorene
Concen: 0.753 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:166 Resp: 12344

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.5	10.9	16.3



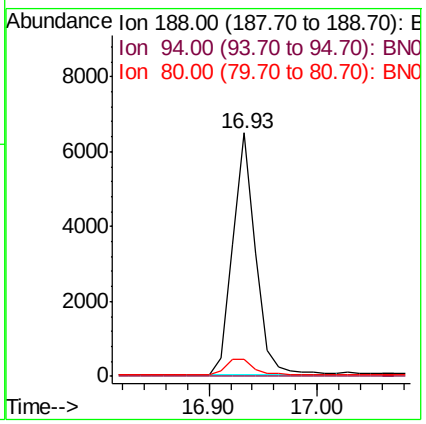


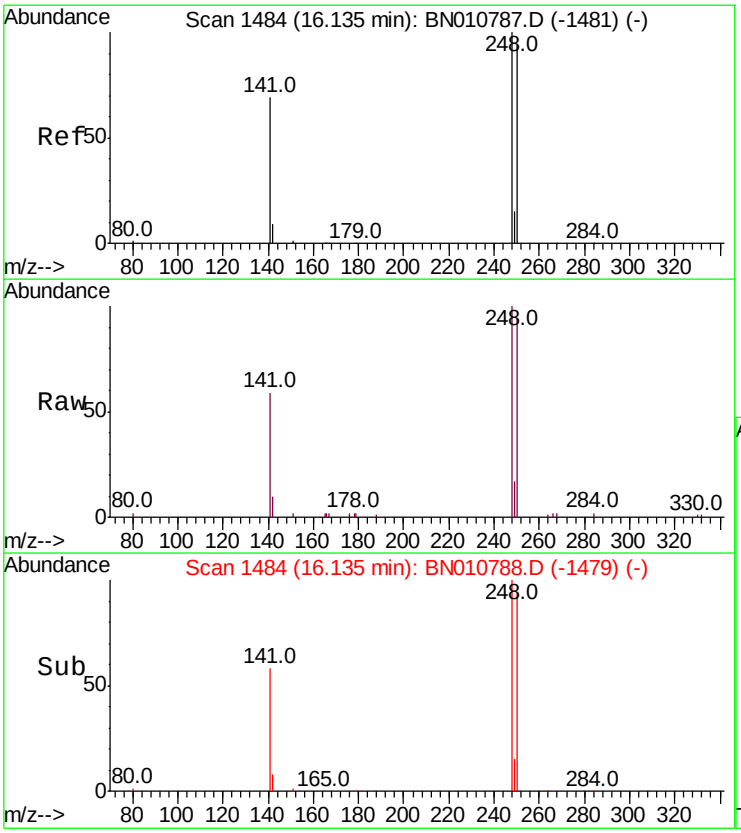
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 9468

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	5.9	8.9

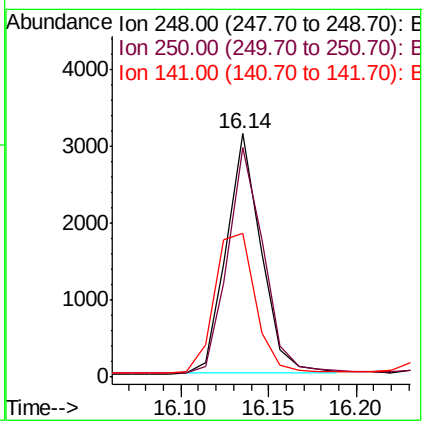


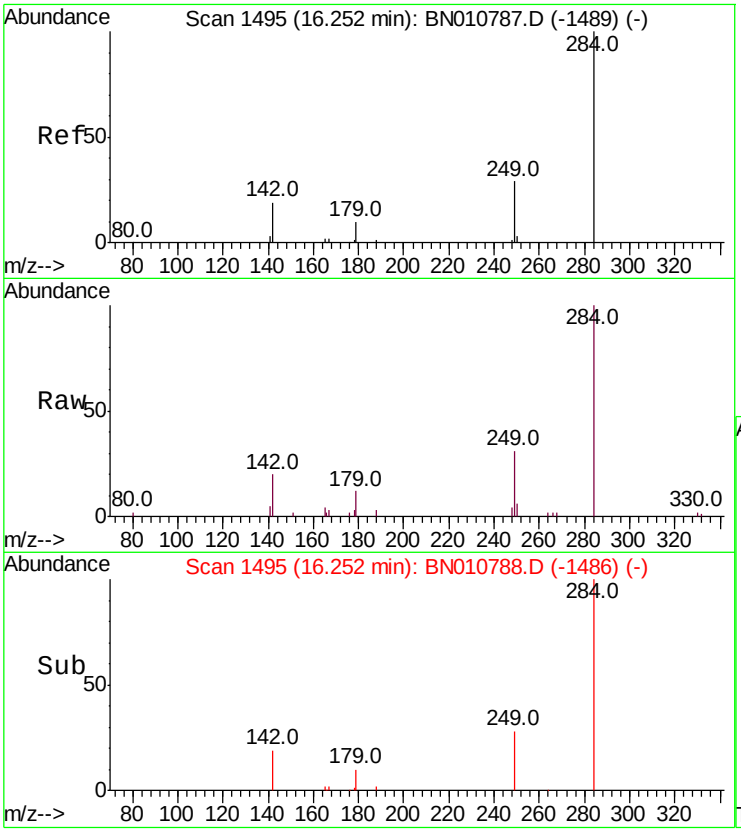


#20
4-Bromophenyl-phenylether
Concen: 0.817 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:248 Resp: 4274

Ion	Ratio	Lower	Upper
248	100		
250	94.5	75.2	112.8
141	59.2	56.4	84.6



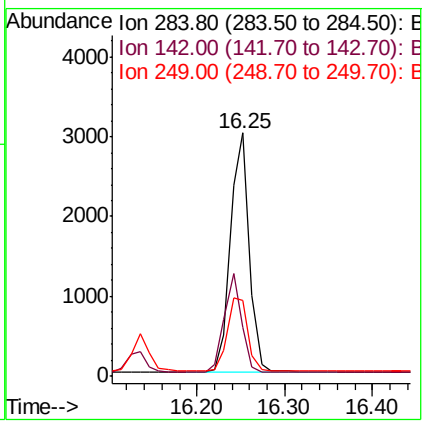


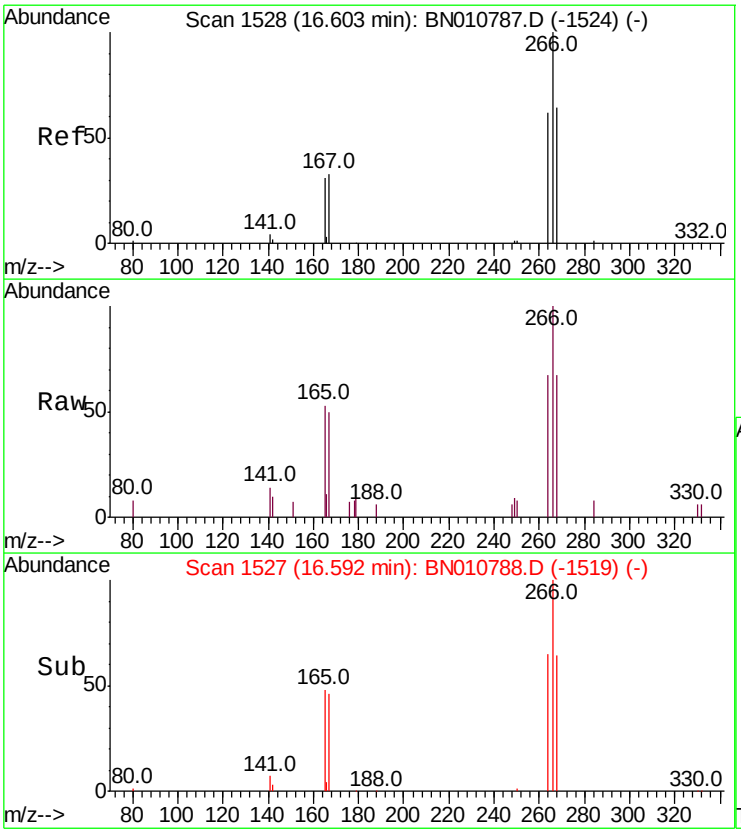
#21
Hexachlorobenzene
Concen: 0.714 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 4441

Ion	Ratio	Lower	Upper
284	100		
142	38.4	31.1	46.7
249	33.3	26.6	39.8

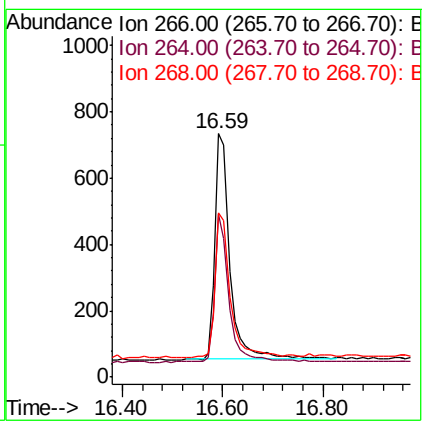


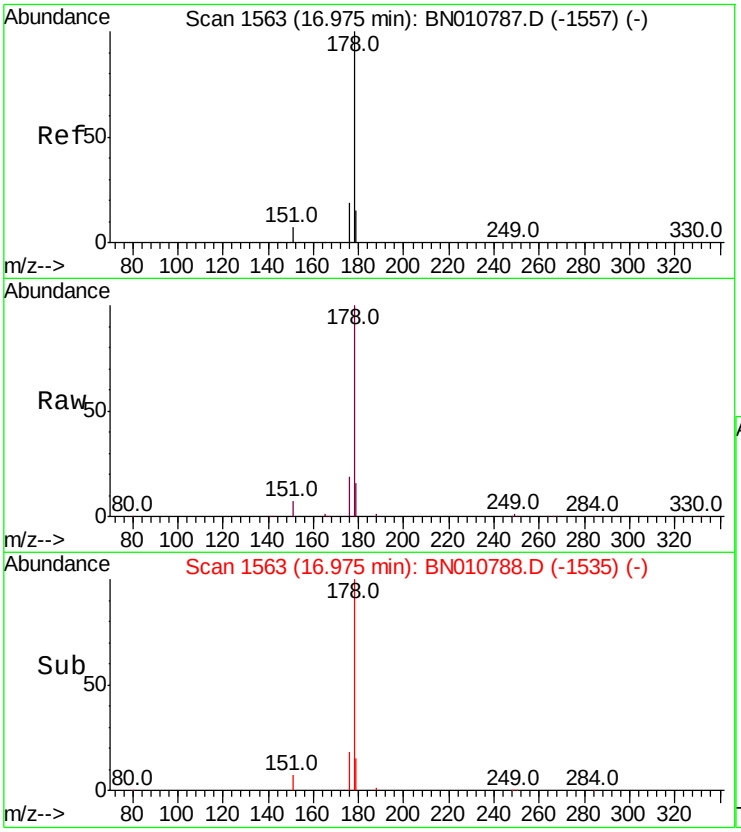


#22
Pentachlorophenol
Concen: 0.734 ng
RT: 16.59 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:266 Resp: 1415

Ion	Ratio	Lower	Upper
266	100		
264	66.8	52.5	78.7
268	67.4	56.1	84.1



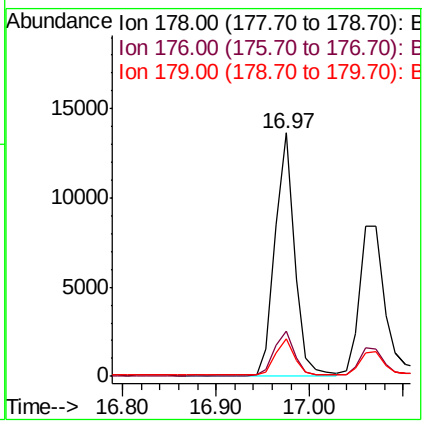


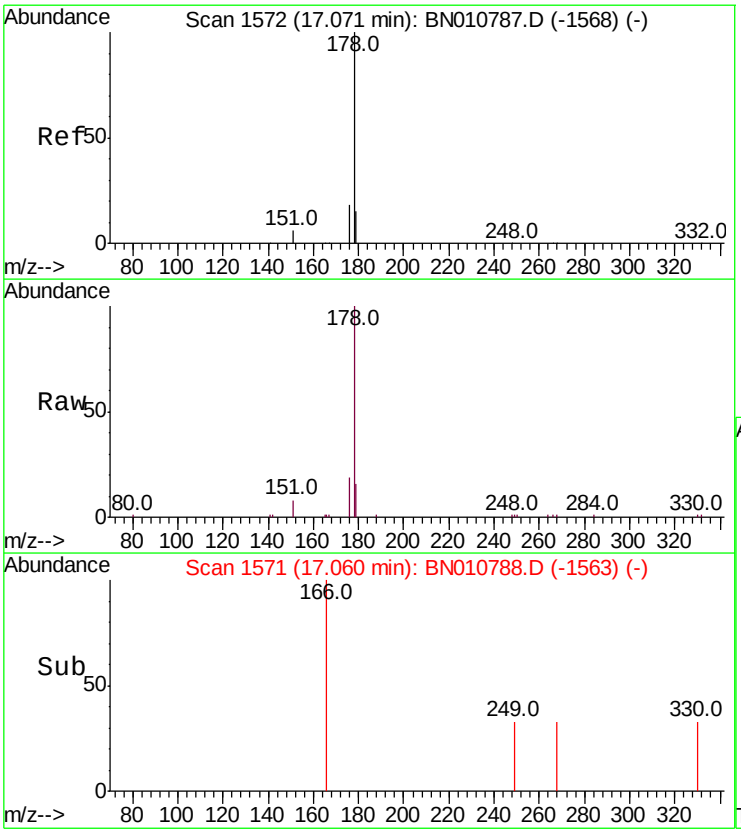
#23
Phenanthrene
Concen: 0.767 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 19463

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.2	18.2

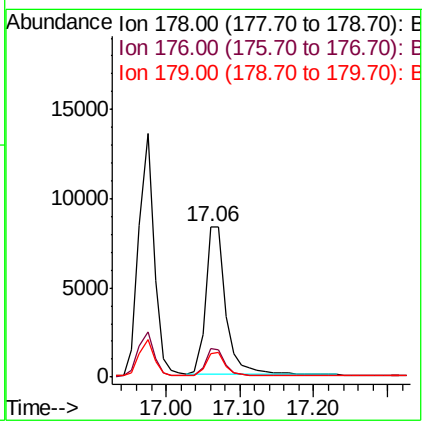


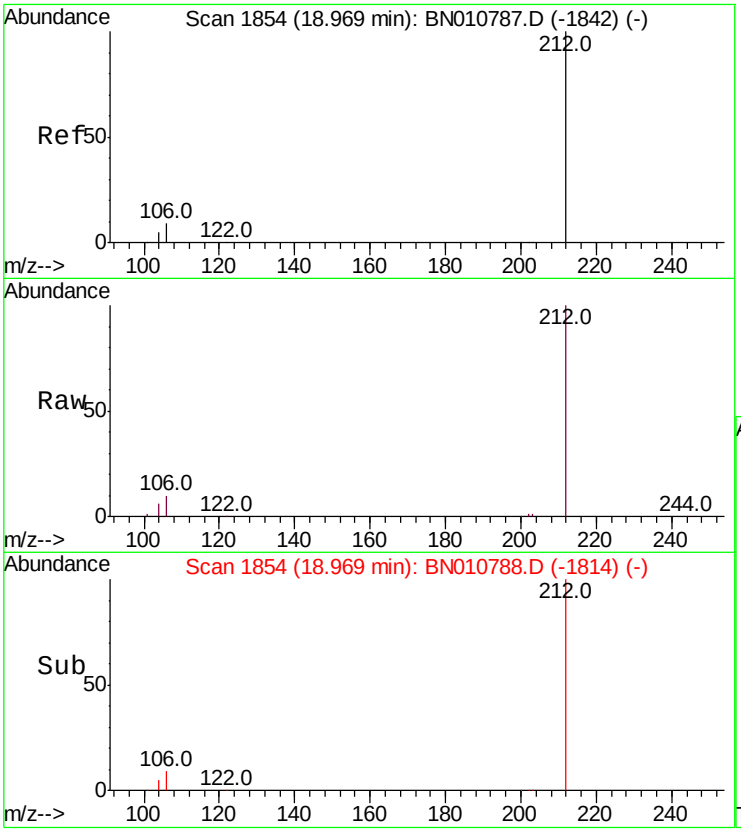


#24
Anthracene
Concen: 0.753 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:178 Resp: 16068

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.4	12.0	18.0



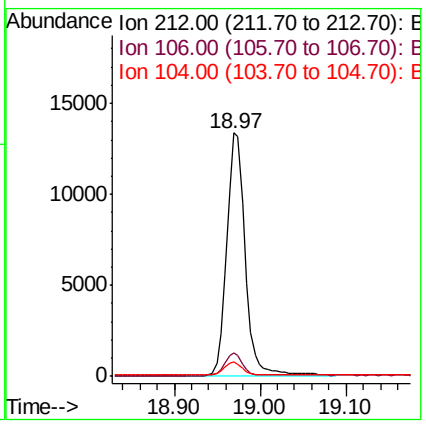


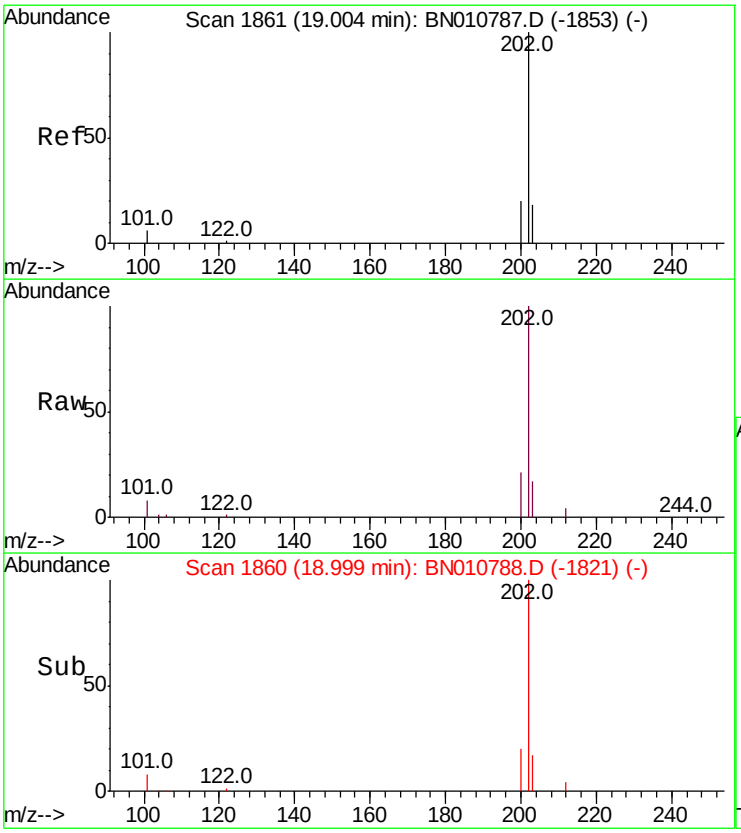
#25
Fluoranthene-d10
Concen: 0.772 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 19835

Ion	Ratio	Lower	Upper
212	100		
106	9.1	7.1	10.7
104	5.2	4.1	6.1

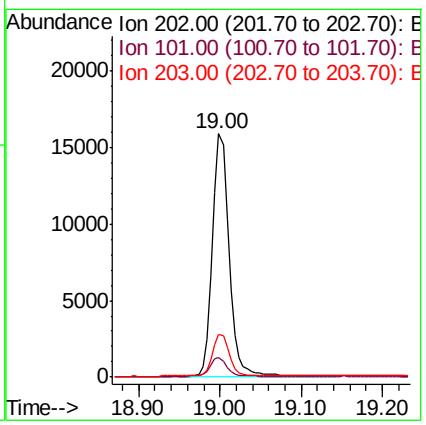


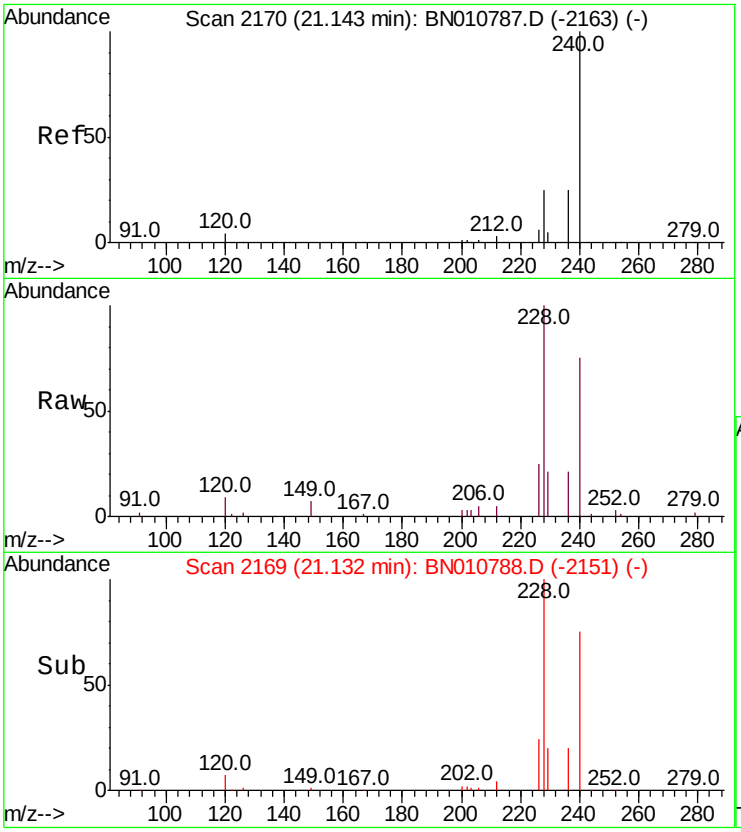


#26
Fluoranthene
Concen: 0.778 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:202 Resp: 22452

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.4
203	17.3	13.6	20.4



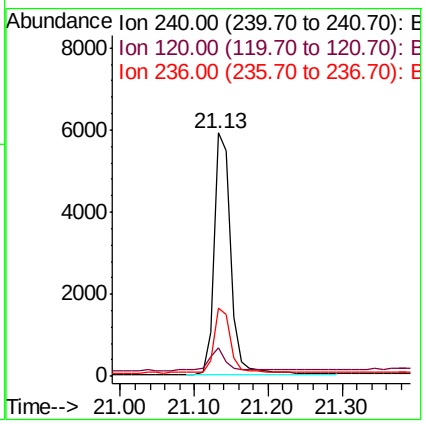


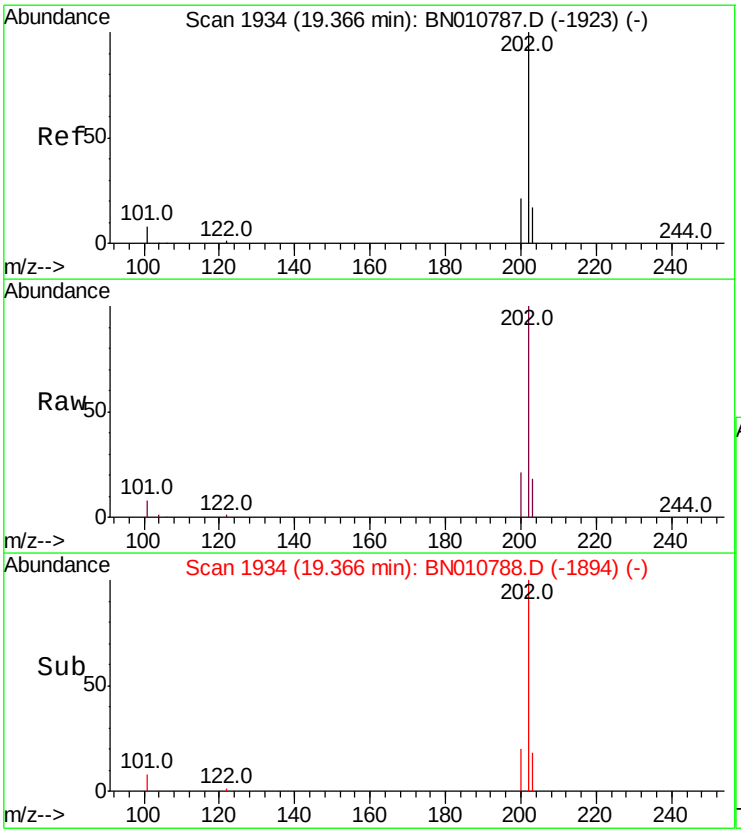
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 9363

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.2	7.8#
236	28.2	21.3	31.9

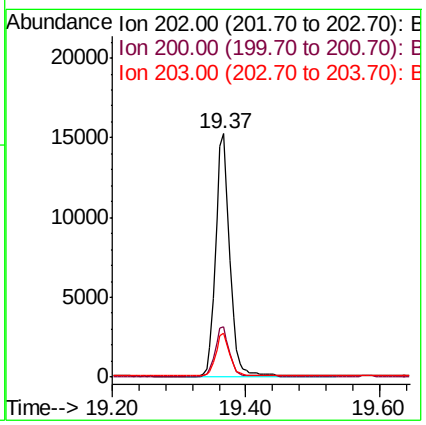


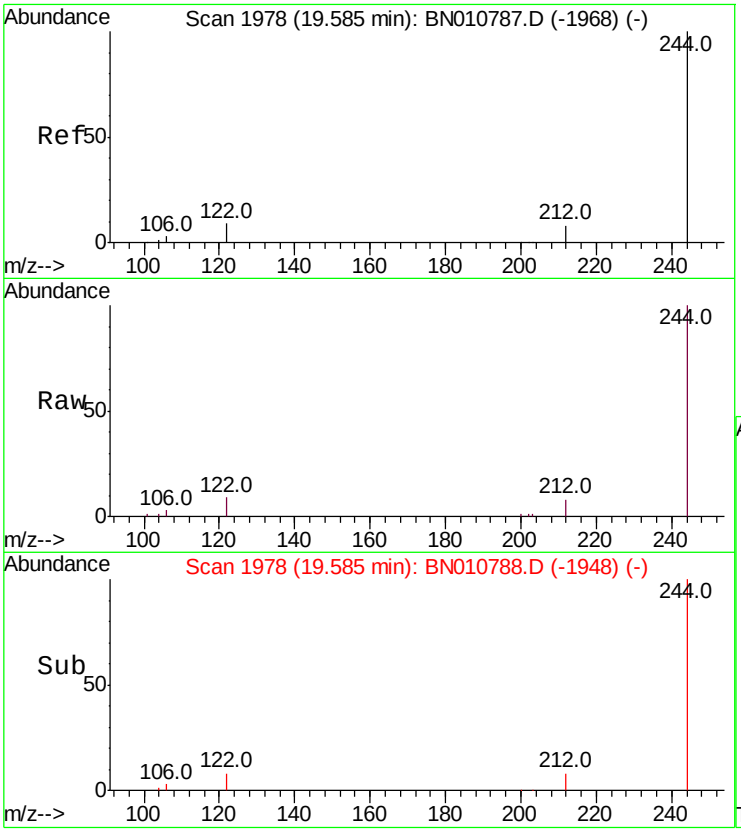


#28
Pyrene
Concen: 0.666 ng
RT: 19.37 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:202 Resp: 22354

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.6	14.0	21.0



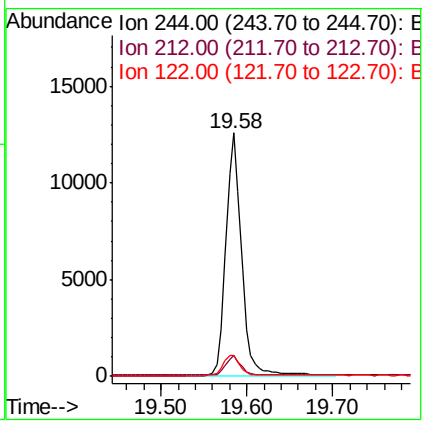


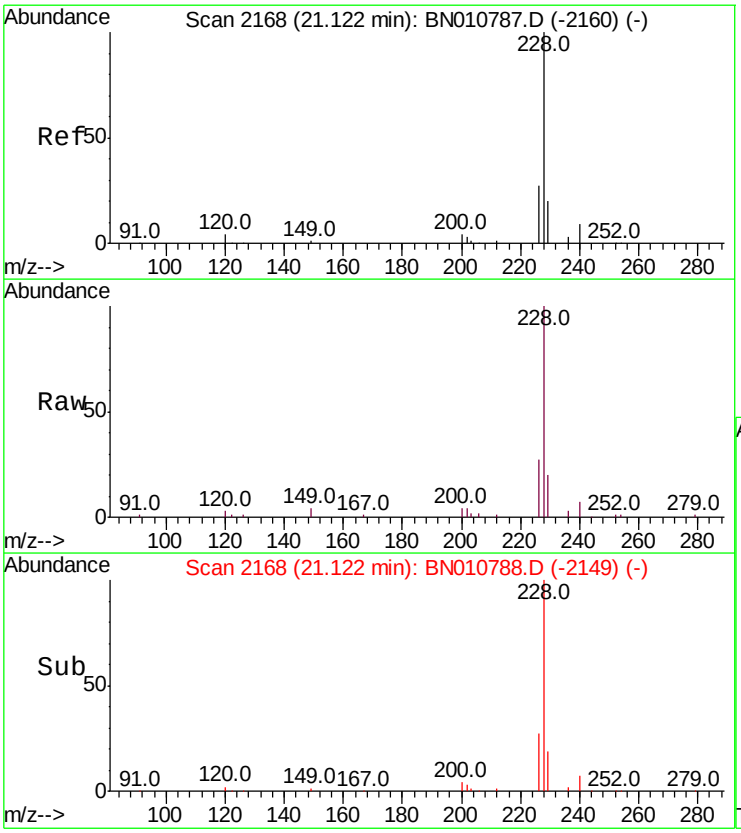
#29
Terphenyl-d14
Concen: 0.715 ng
RT: 19.58 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 15879

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.2	10.8
122	8.5	7.8	11.6

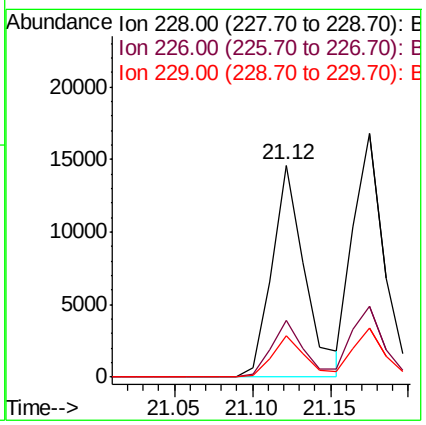


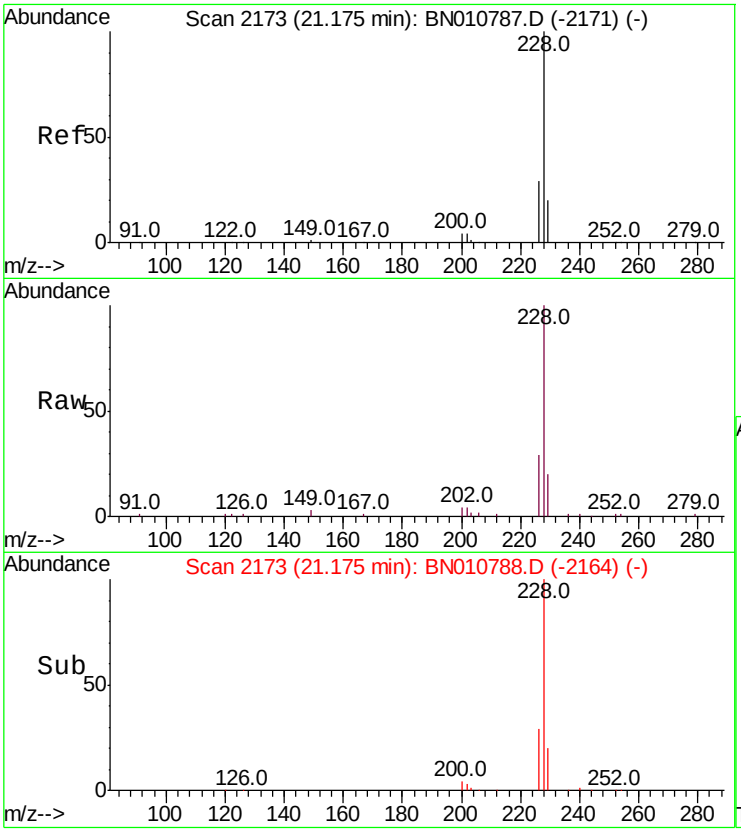


#30
Benzo(a)anthracene
Concen: 0.776 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:228 Resp: 21183

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.7	16.2	24.2



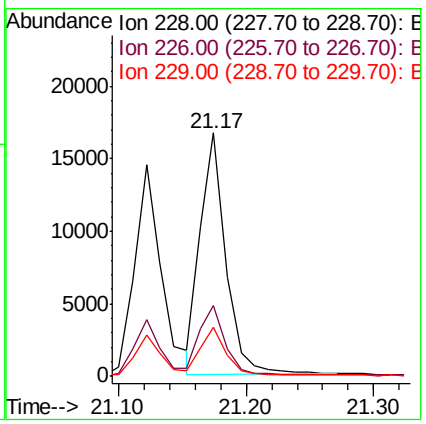


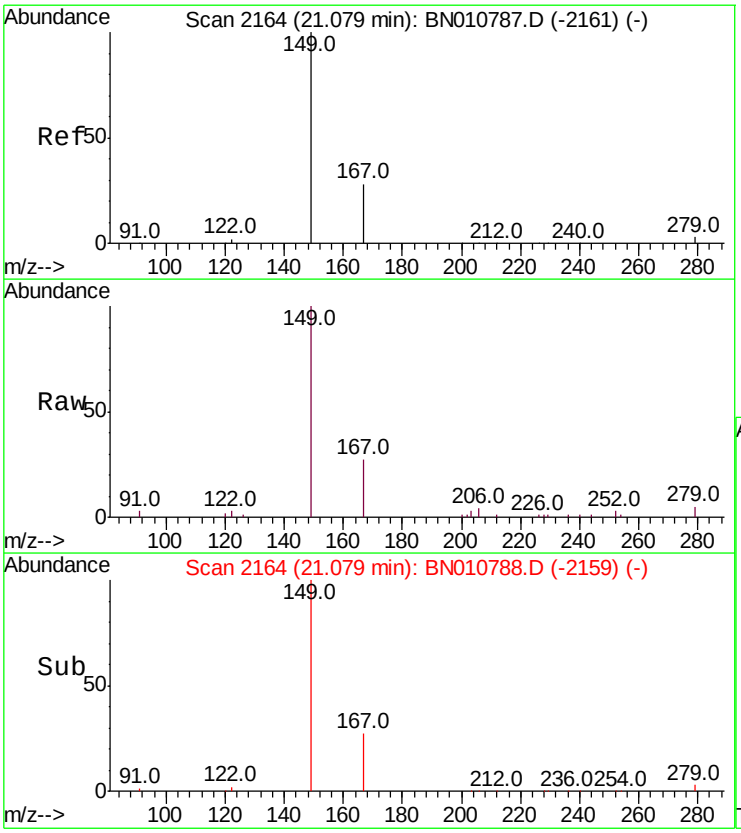
#31
Chrysene
Concen: 0.750 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 23176

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	20.0	16.3	24.5

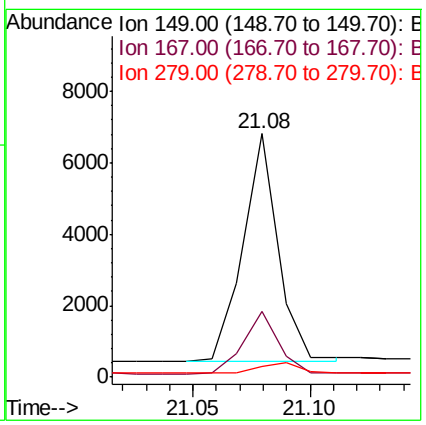


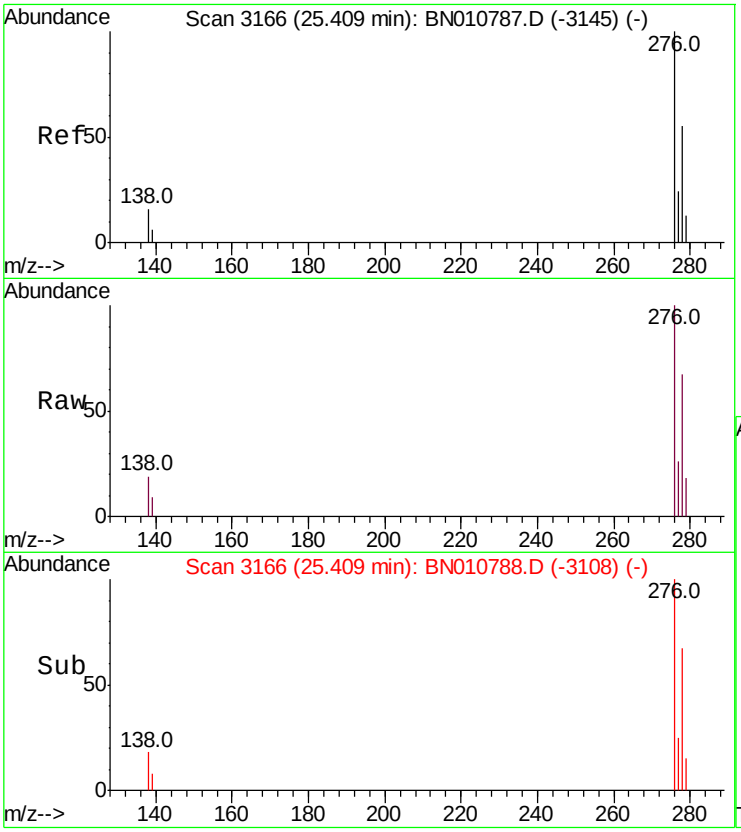


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.557 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:149 Resp: 6663

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.9	34.3
279	5.0	4.2	6.2



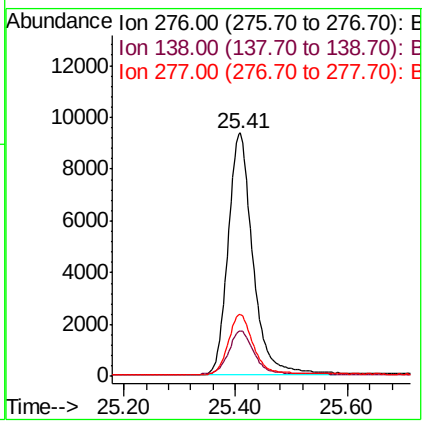


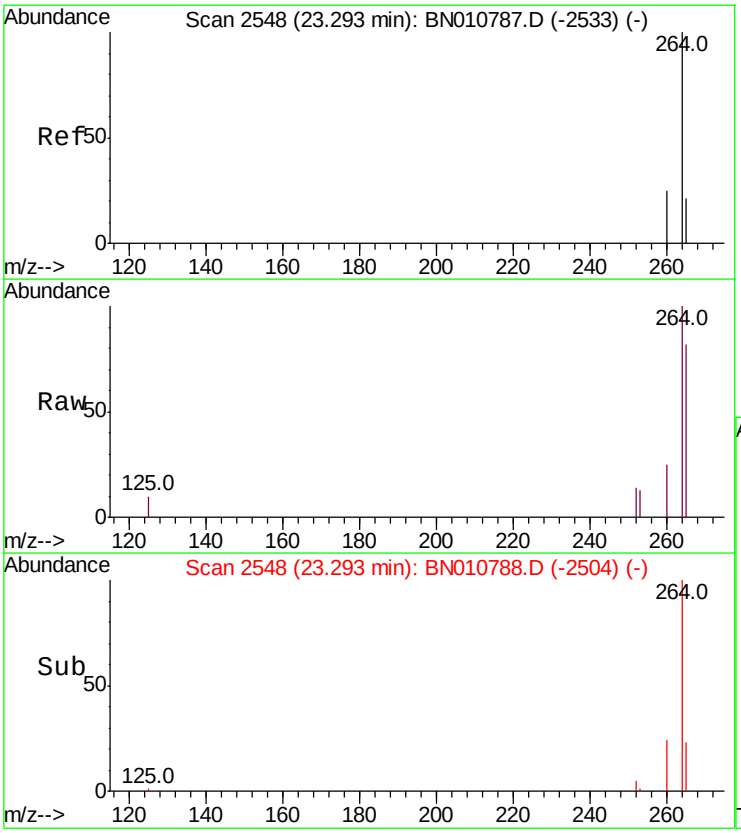
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.048 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 28812

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.1	22.7
277	24.9	19.9	29.9

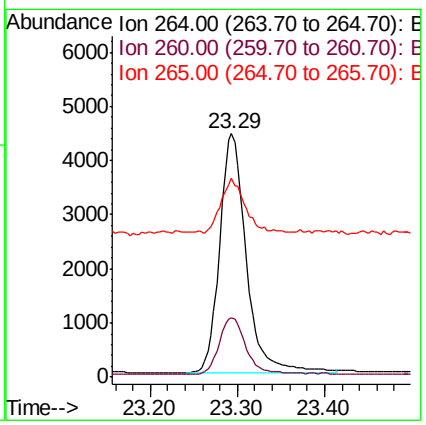


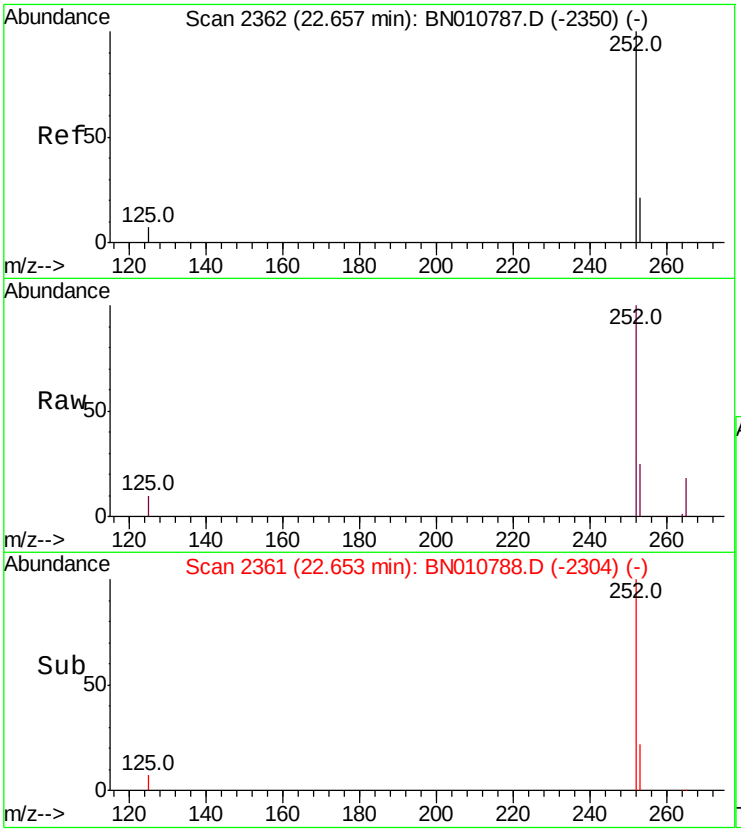


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:264 Resp: 9361

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	81.7	61.7	92.5



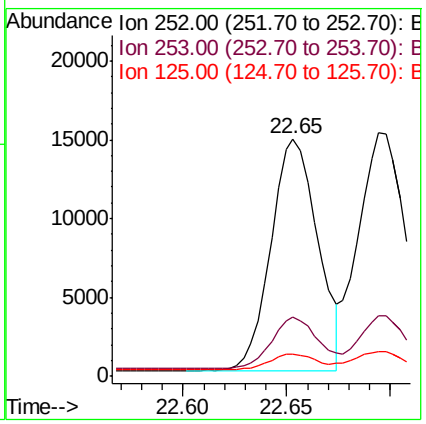


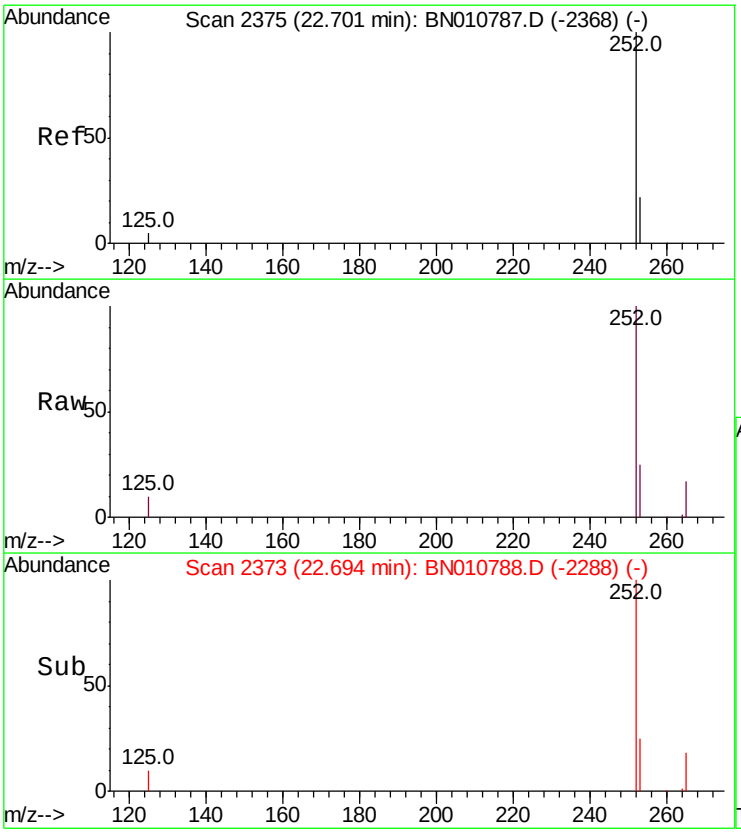
#35
Benzo(b)fluoranthene
Concen: 0.740 ng
RT: 22.65 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 22909

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.5	32.3
125	9.5	9.2	13.8

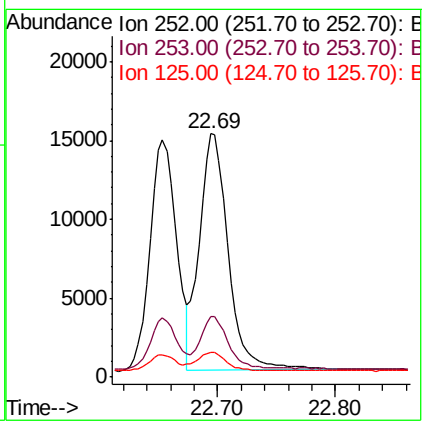


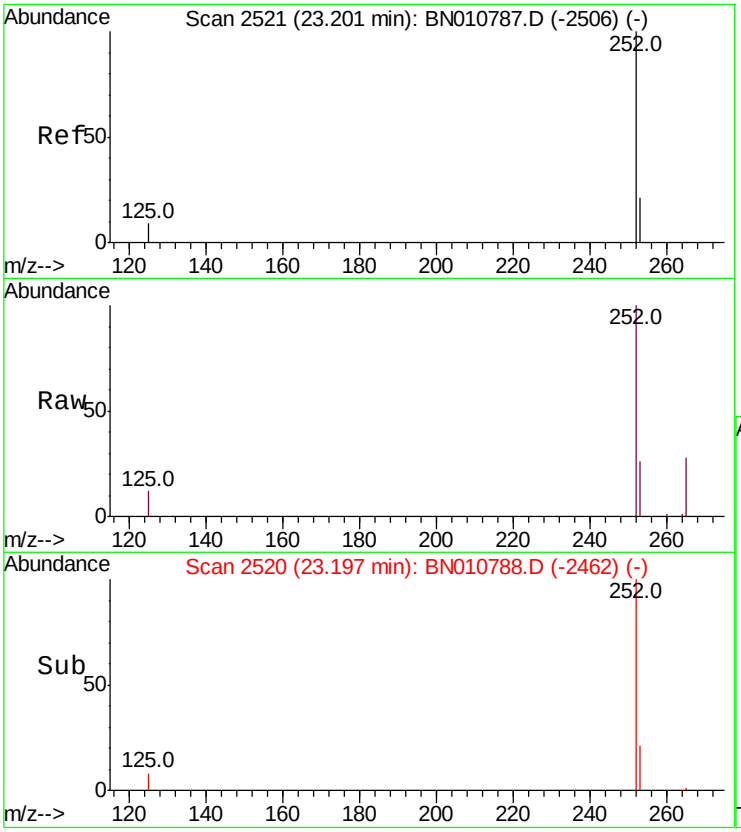


#36
Benzo(k)fluoranthene
Concen: 0.762 ng
RT: 22.69 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:252 Resp: 25413

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.8	32.8
125	10.2	10.5	15.7#



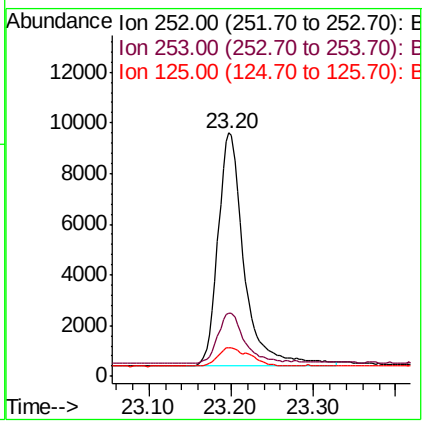


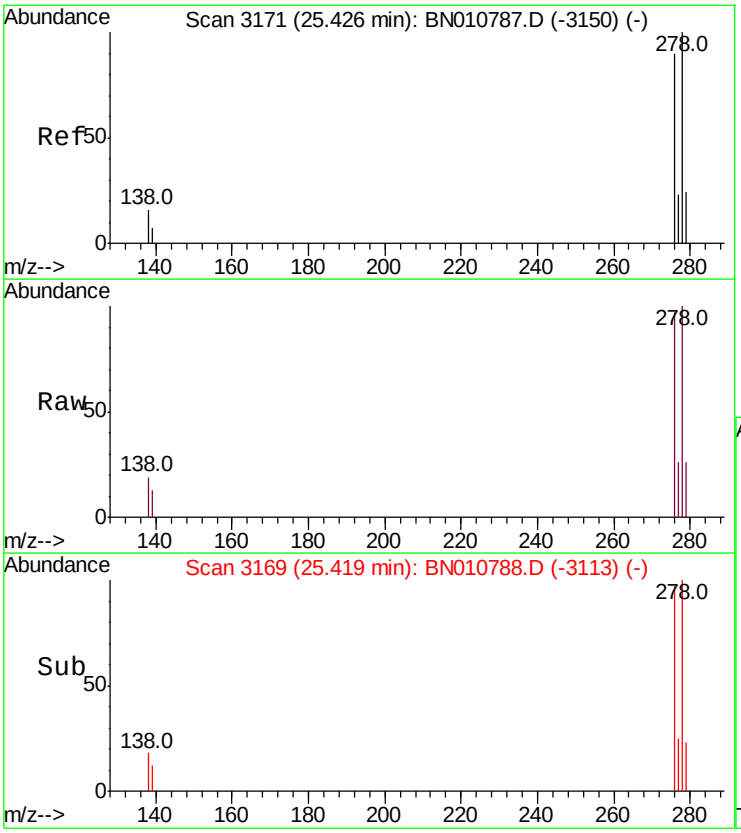
#37
Benzo(a)pyrene
Concen: 0.759 ng
RT: 23.20 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 20327

Ion	Ratio	Lower	Upper
252	100		
253	26.1	32.0	48.0#
125	12.0	16.0	24.0#

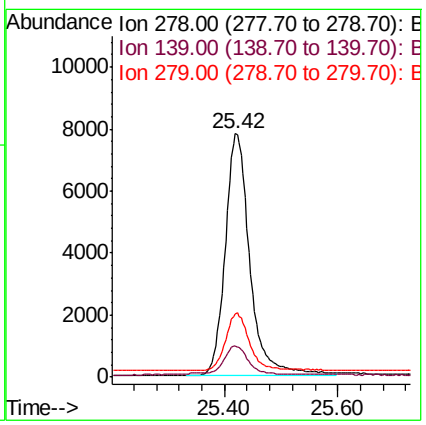


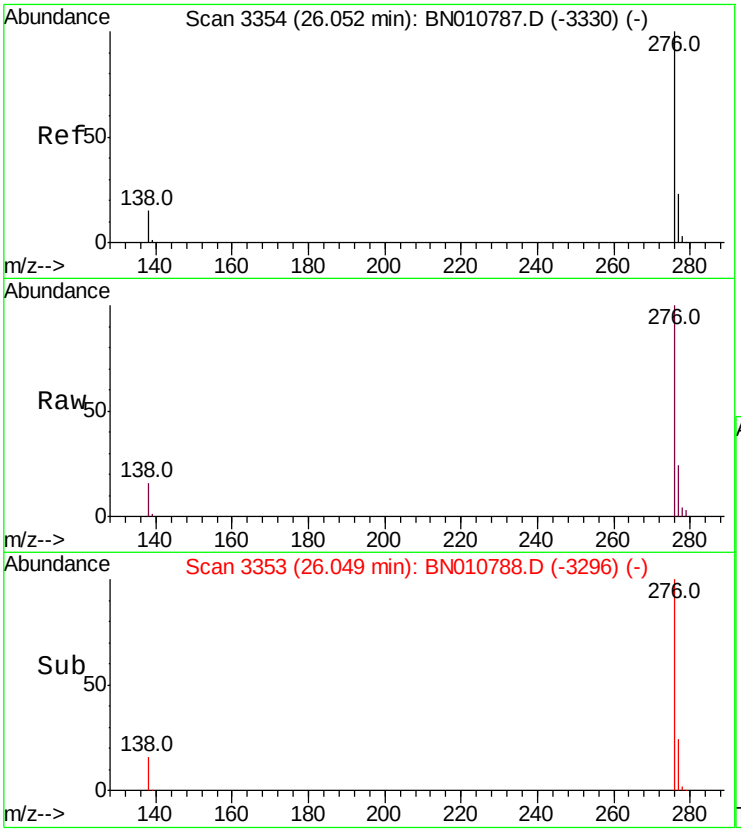


#38
Dibenzo(a,h)anthracene
Concen: 1.031 ng
RT: 25.42 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Tgt Ion:278 Resp: 23580

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.7	16.1
279	25.7	22.9	34.3





#39
Benzo(g,h,i)perylene
Concen: 0.885 ng
RT: 26.05 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BN010788.D
Acq: 05 Jun 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 23759

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.9	29.9
138	16.4	13.6	20.4