Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010785.D
Acq On : 05 Jun 2020 17:29
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 05 19:18:29 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	2383	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	7912	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	4367	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	8994	0.40	ng		0.00
27) Chrysene-d12	21.14	240	8139	0.40	ng		0.00
34) Perylene-d12	23.30	264	8548	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	518	0.11	ng		0.00
5) Phenol-d6	6.76	99	583	0.10	ng		0.00
8) Nitrobenzene-d5	8.72	82	532	0.10	ng		0.03
11) 2-Methylnaphthalene-d10	11.93	152	1108	0.09	ng		0.01
14) 2,4,6-Tribromophenol	15.70	330	142	0.09	ng		0.02
15) 2-Fluorobiphenyl	12.82	172	1605	0.10	ng		0.00
25) Fluoranthene-d10	18.98	212	2273	0.09	ng		0.00
29) Terphenyl-d14	19.59	244	1819	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	244	0.119	ng	#	92
6) bis(2-Chloroethyl)ether	7.02	93	445	0.076	ng		95
9) Naphthalene	10.37	128	1955	0.098	ng	#	92
10) Hexachlorobutadiene	10.66	225	487	0.107	ng	#	99
12) 2-Methylnaphthalene	12.00	142	1233	0.088	ng		95
16) Acenaphthylene	13.91	152	1568	0.088	ng		99
17) Acenaphthene	14.25	154	1134	0.094	ng		94
18) Fluorene	15.25	166	1444	0.091	ng		97
20) 4-Bromophenyl-phenylether	16.14	248	465	0.094	ng		96
21) Hexachlorobenzene	16.25	284	553	0.094	ng		96
23) Phenanthrene	16.98	178	2272	0.094	ng		98
24) Anthracene	17.08	178	1817	0.090	ng		98
26) Fluoranthene	19.01	202	2548	0.093	ng		100
28) Pyrene	19.37	202	2603	0.089	ng		98
30) Benzo(a)anthracene	21.13	228	2187	0.092	ng		96
31) Chrysene	21.18	228	2823	0.105	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	884	0.085	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.42	276	3242	0.136	ng	#	96
35) Benzo(b)fluoranthene	22.66	252	2502	0.089	ng	#	64
36) Benzo(k)fluoranthene	22.71	252	2915	0.096	ng	#	65
37) Benzo(a)pyrene	23.21	252	2321	0.095	ng	#	71
38) Dibenzo(a,h)anthracene	25.44	278	2468	0.118	ng	#	67
39) Benzo(g,h,i)perylene	26.06	276	2762	0.113	ng	#	88

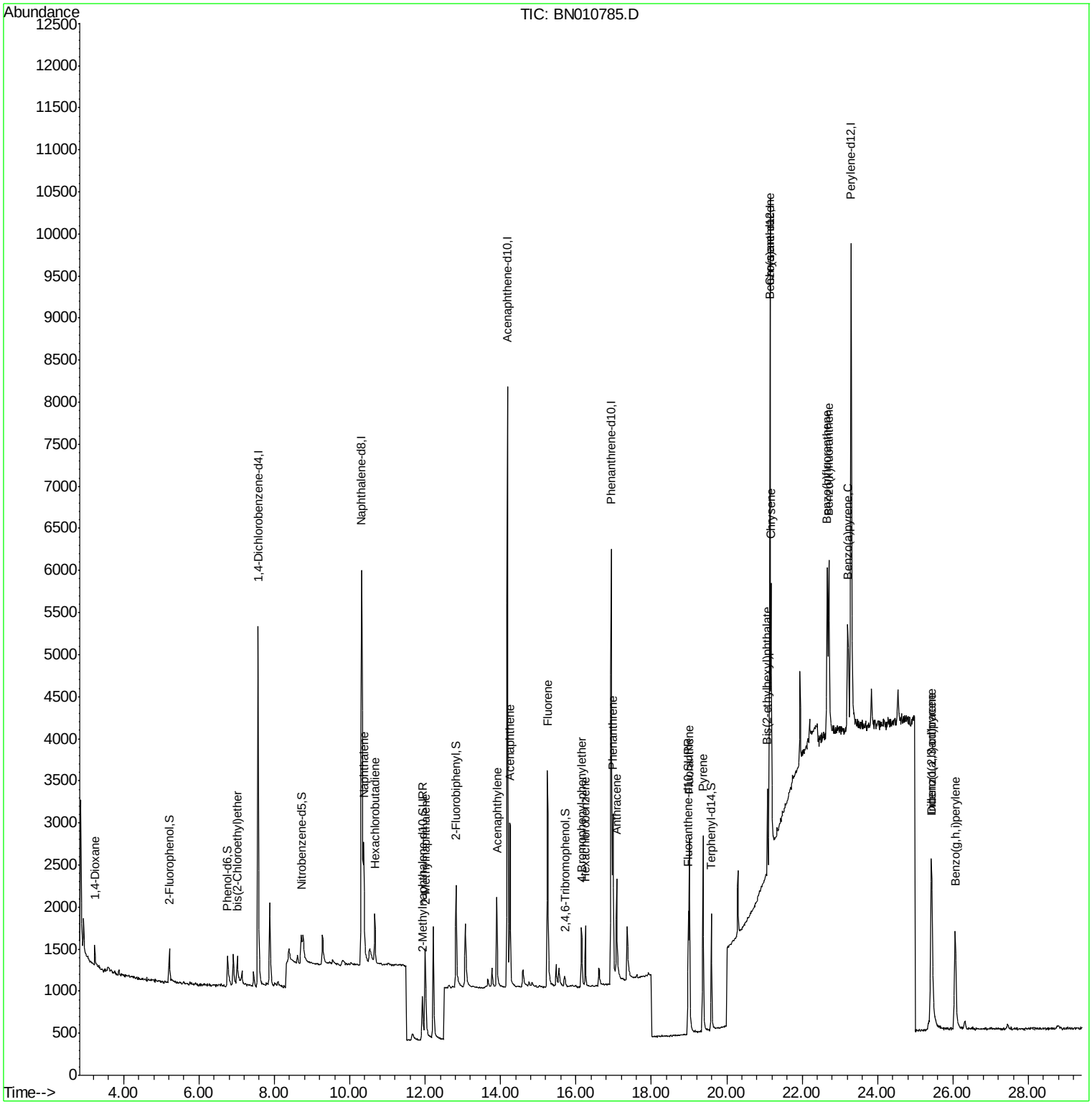
(#) = qualifier out of range (m) = manual integration (+) = signals summed

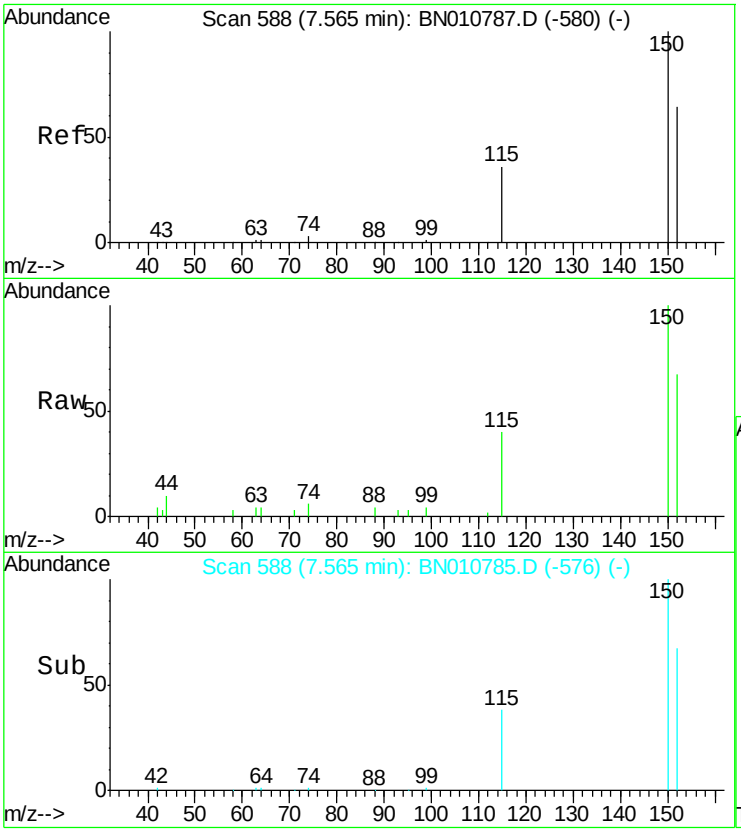
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010785.D
Acq On : 05 Jun 2020 17:29
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 05 19:18:29 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



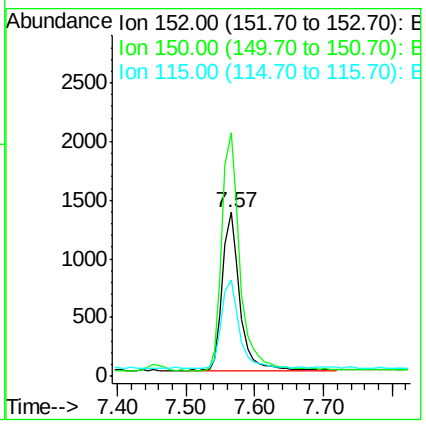


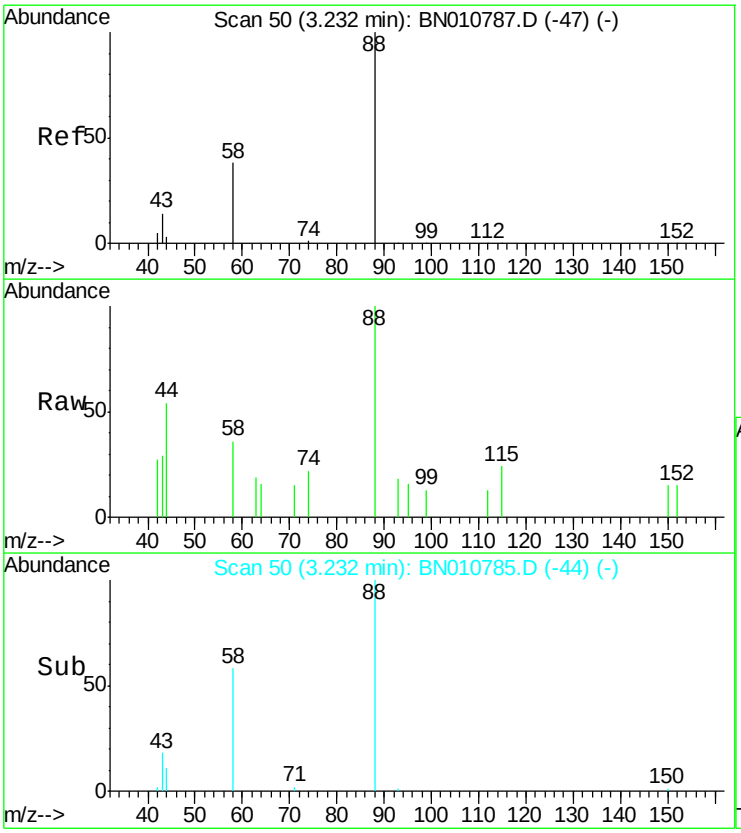
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2383

Ion	Ratio	Lower	Upper
152	100		
150	148.2	123.6	185.4
115	58.8	47.6	71.4

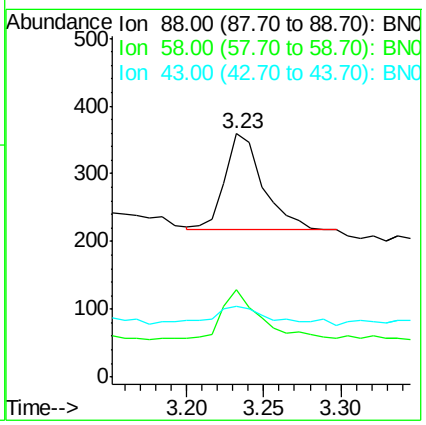


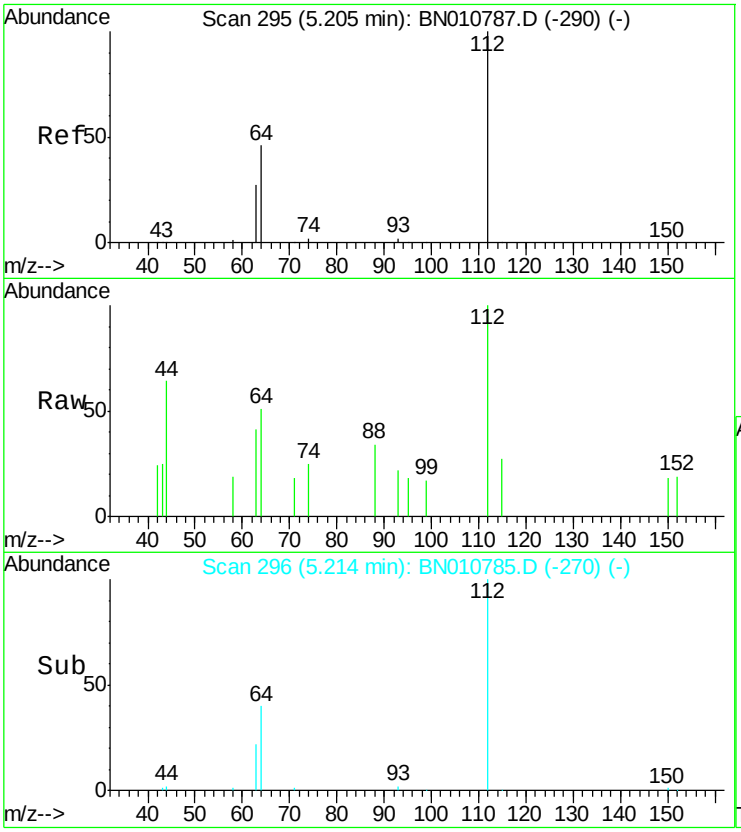


#2
1,4-Dioxane
Concen: 0.119 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
58	45.9	38.8	58.2
43	27.9	15.9	23.9#



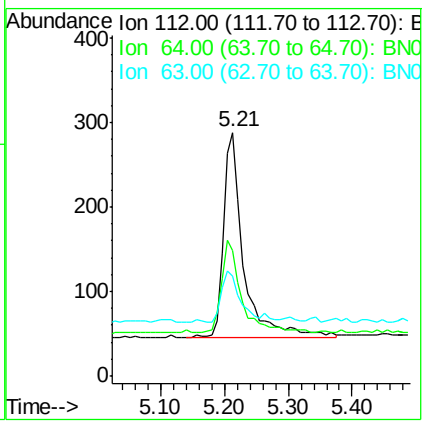


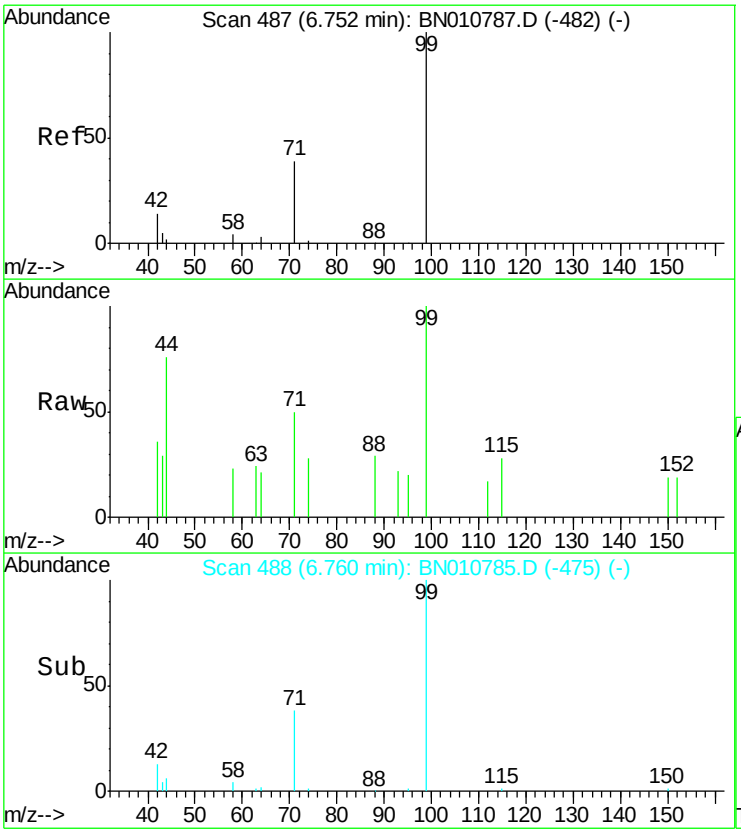
#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.21 min Scan# 296
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 518

Ion	Ratio	Lower	Upper
112	100		
64	45.9	35.8	53.8
63	23.7	20.9	31.3

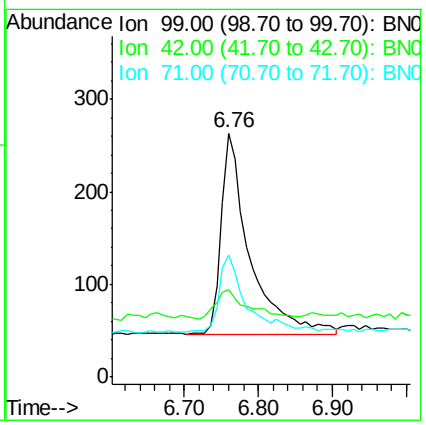


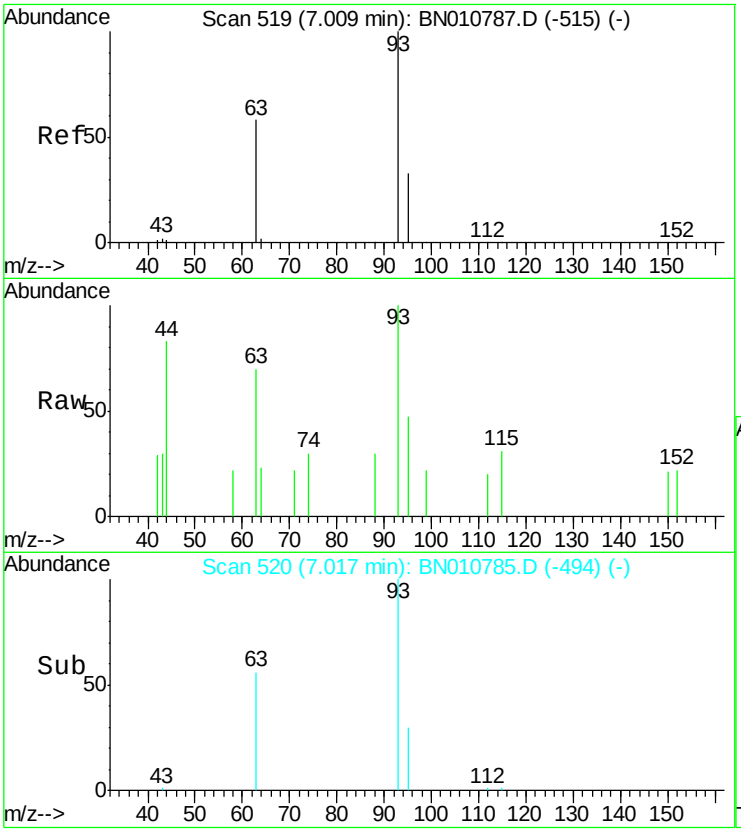


#5
Phenol-d6
Concen: 0.102 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion: 99 Resp: 583

Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.1	16.7
71	35.2	30.6	46.0



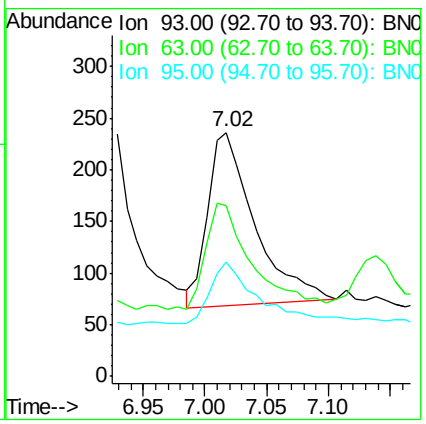


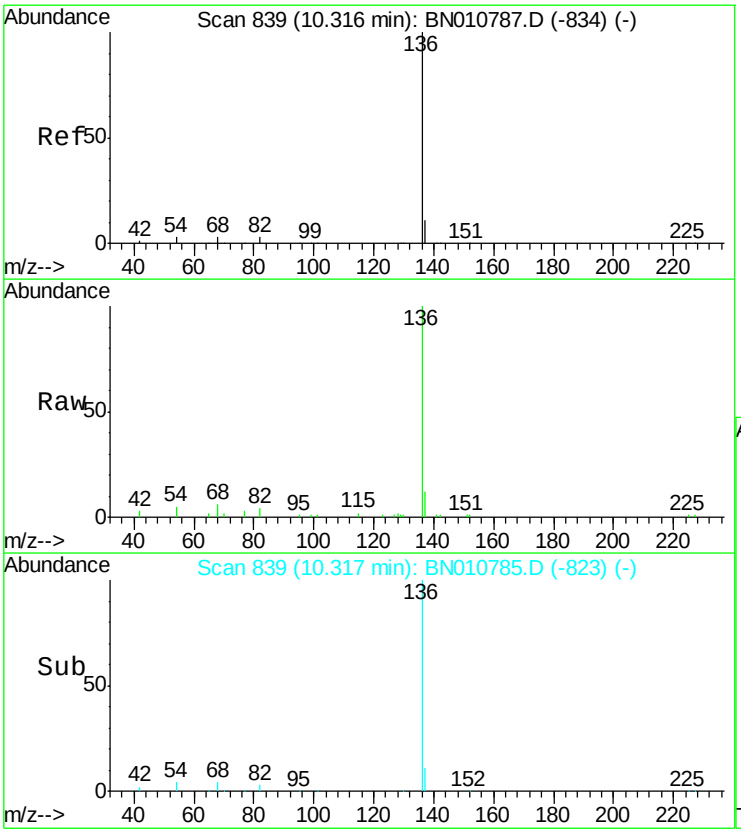
#6
bis(2-Chloroethyl)ether
Concen: 0.076 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 445

Ion	Ratio	Lower	Upper
93	100		
63	60.9	46.2	69.4
95	38.7	27.6	41.4

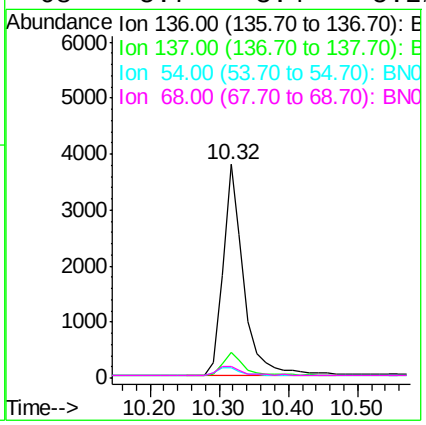


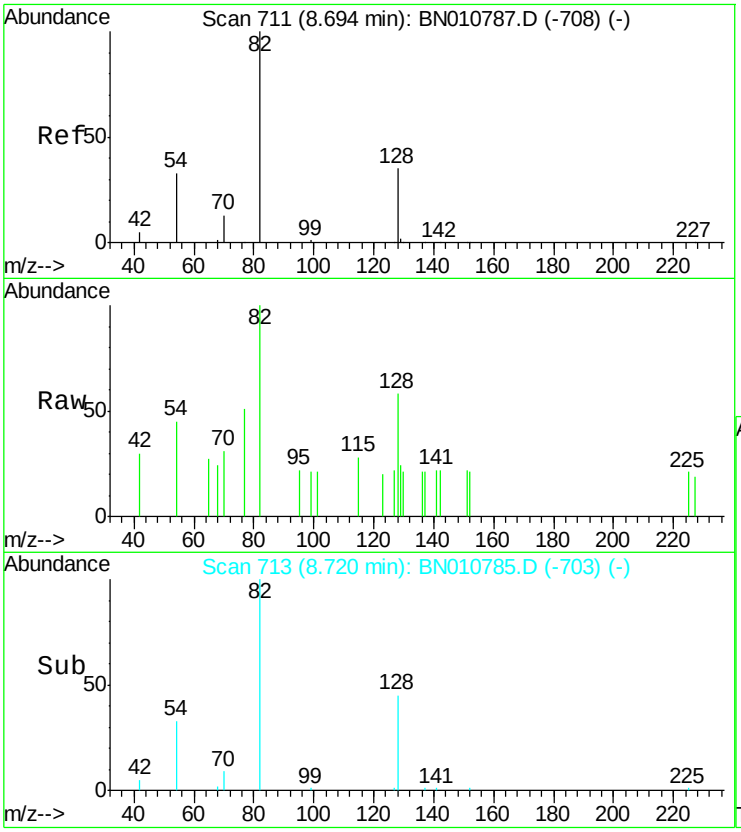


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:136 Resp: 7912

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	5.0	3.3	4.9#
68	5.7	3.4	5.2#



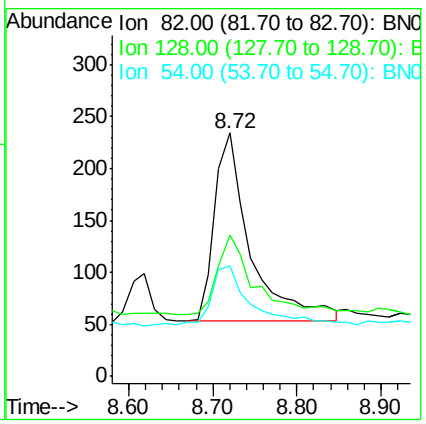


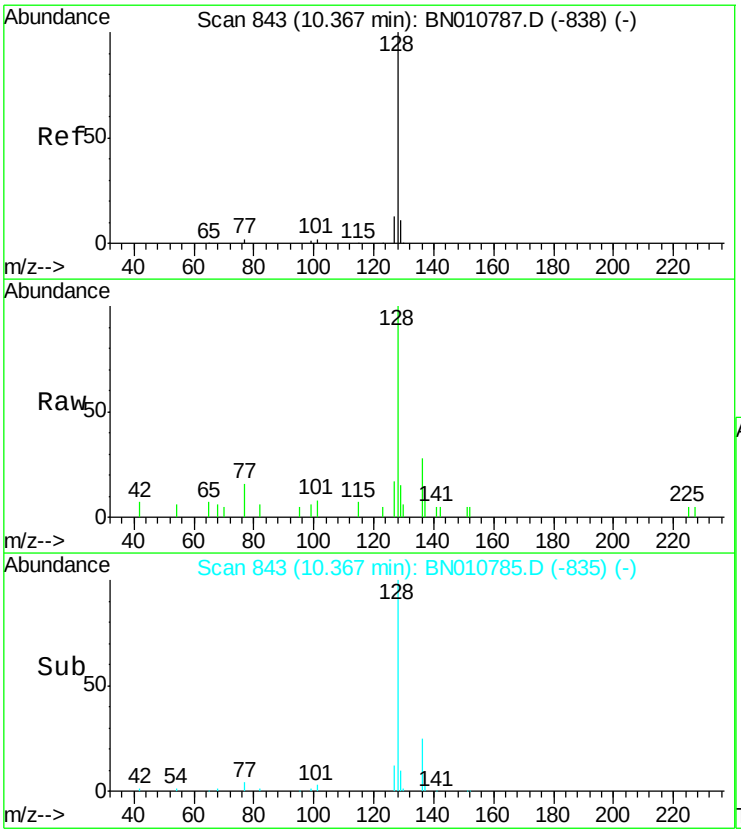
#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.03 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 532

Ion	Ratio	Lower	Upper
82	100		
128	58.1	31.4	47.0#
54	45.3	28.9	43.3#

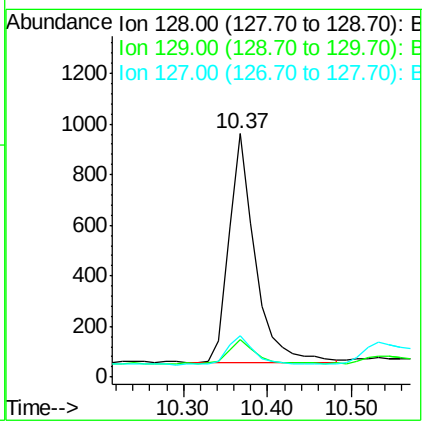


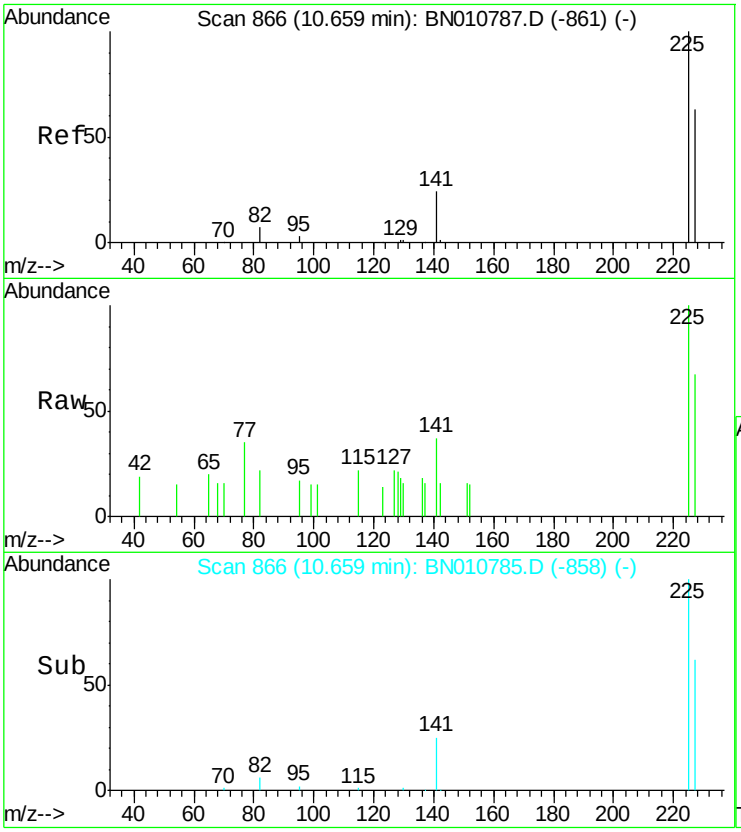


#9
Naphthalene
Concen: 0.098 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:128 Resp: 1955

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.4	14.2#
127	16.9	11.0	16.6#



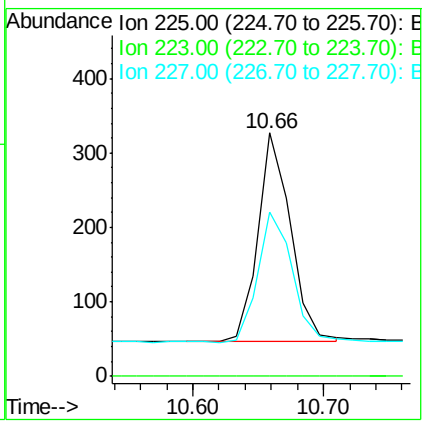


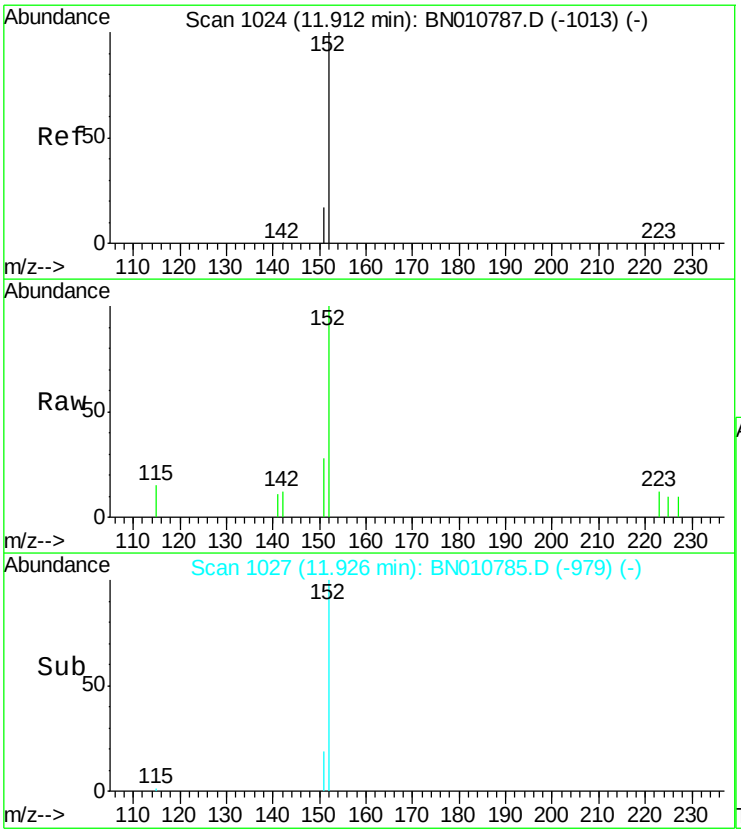
#10
Hexachlorobutadiene
Concen: 0.107 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 487

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.0	76.4

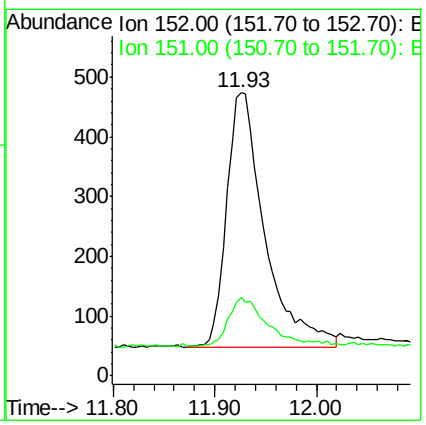


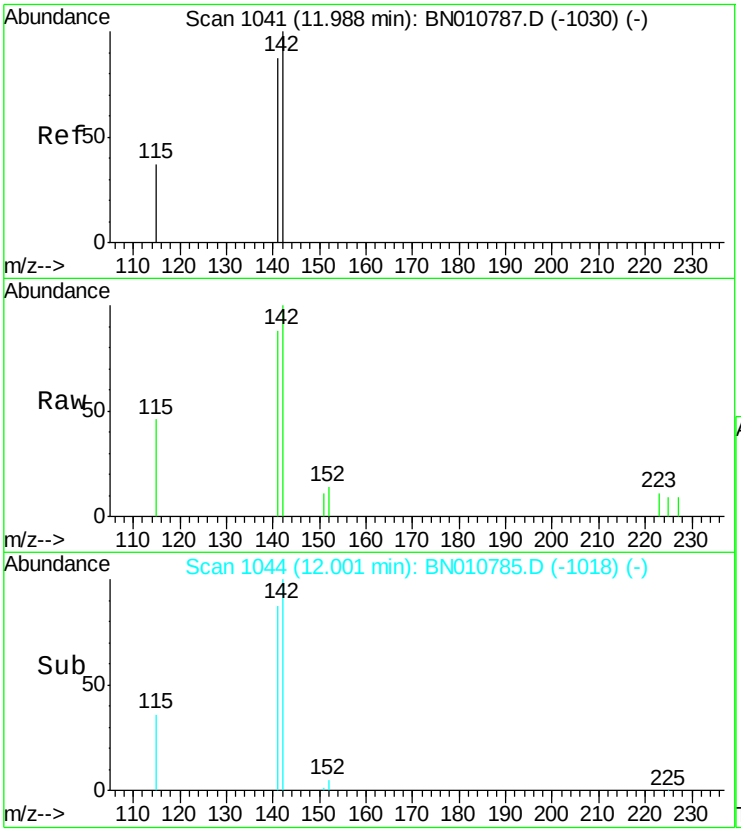


#11
2-Methylnaphthalene-d10
Concen: 0.086 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:152 Resp: 1108

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



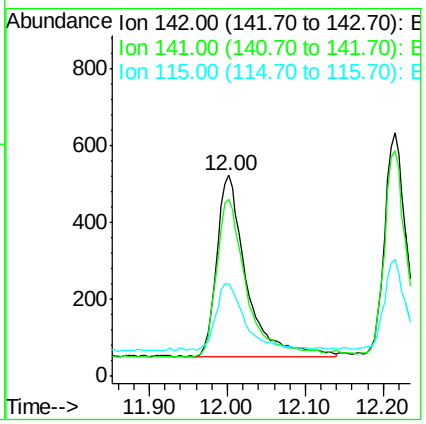


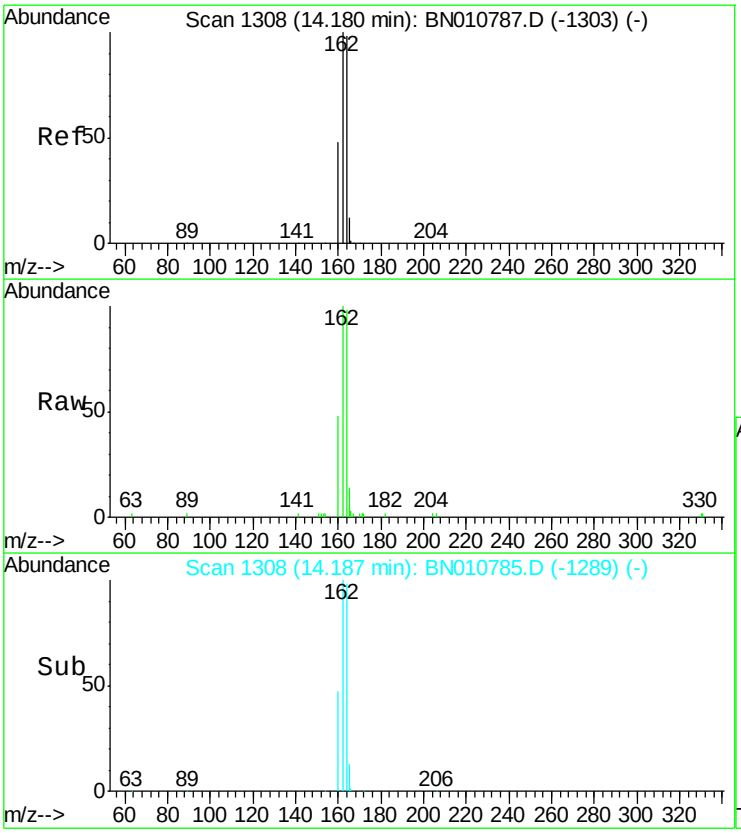
#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.00 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1233

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6
115	46.2	31.0	46.6

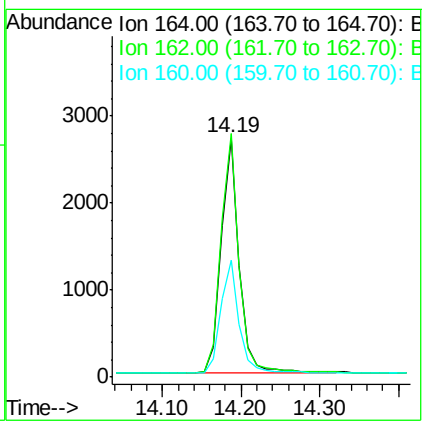


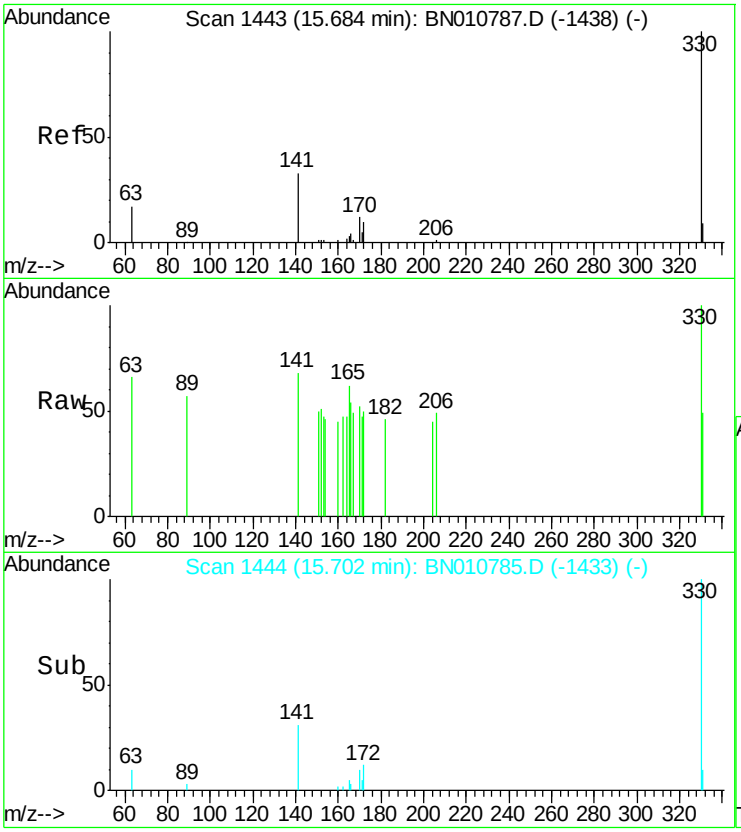


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:164 Resp: 4367

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	48.8	40.2	60.2



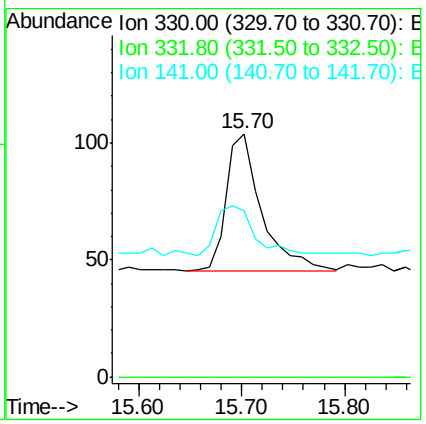


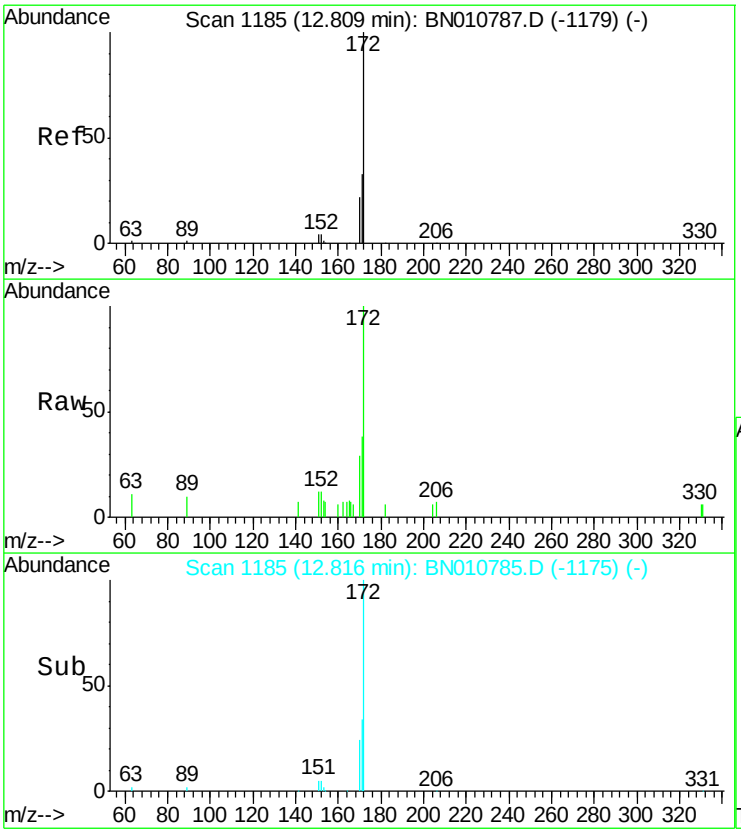
#14
2,4,6-Tribromophenol
Concen: 0.090 ng
RT: 15.70 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 142

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.1	32.1	48.1

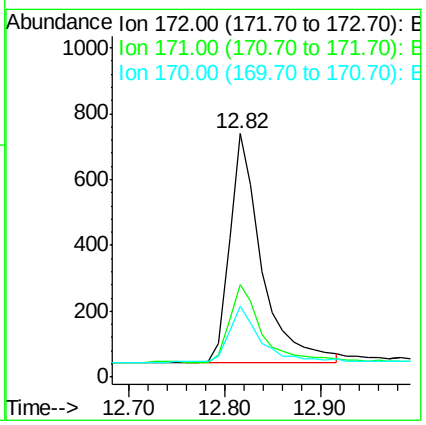


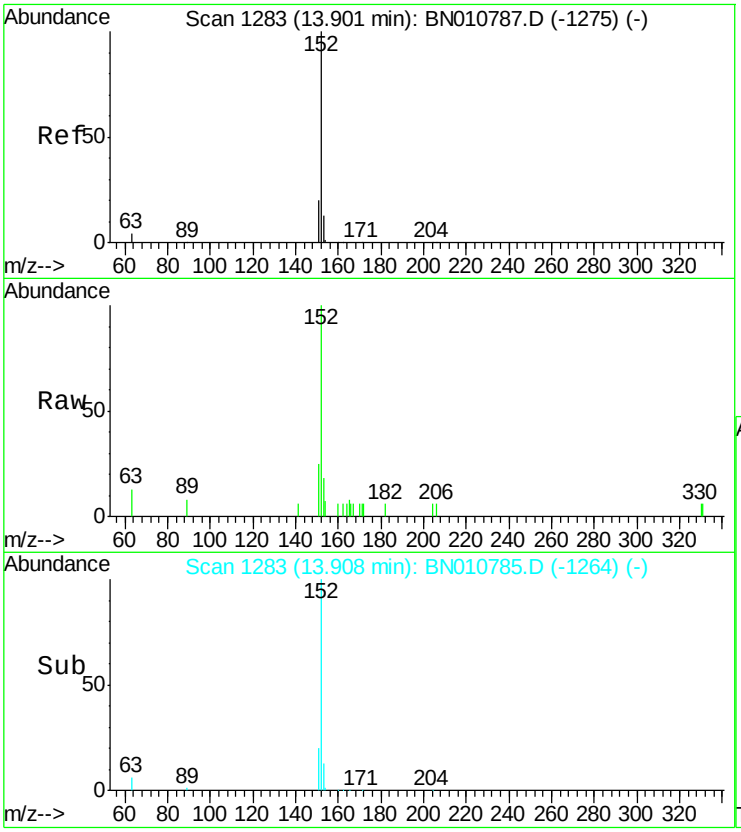


#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:172 Resp: 1605

Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.2	40.8
170	29.1	18.1	27.1#



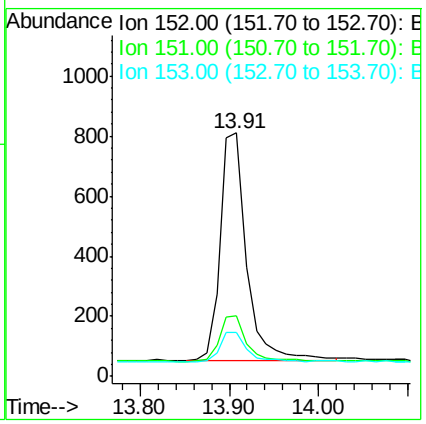


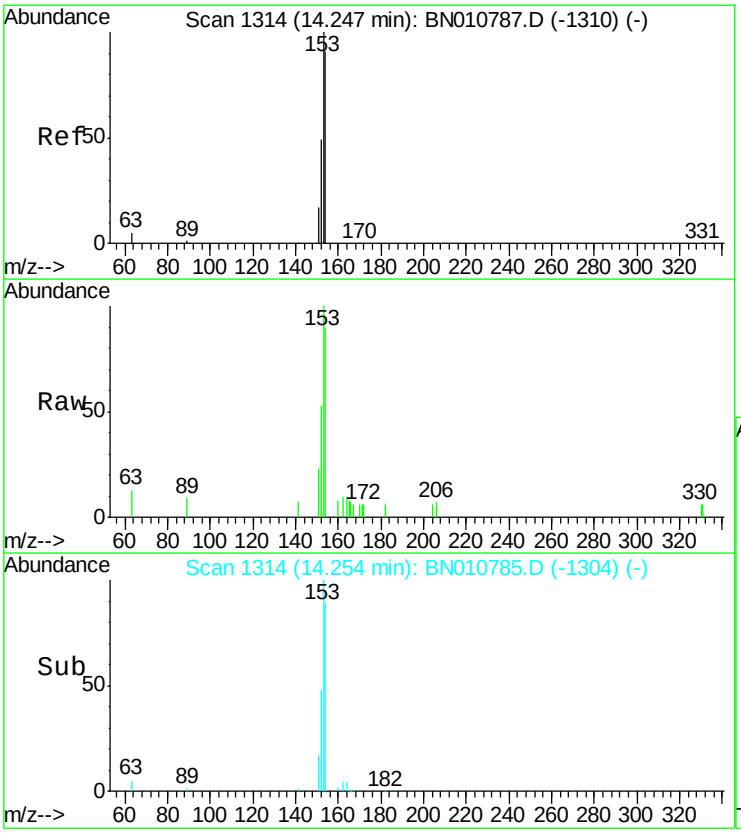
#16
Acenaphthylene
Concen: 0.088 ng
RT: 13.91 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1568

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.7	10.8	16.2

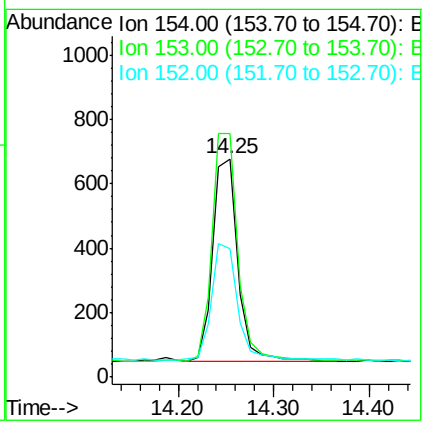


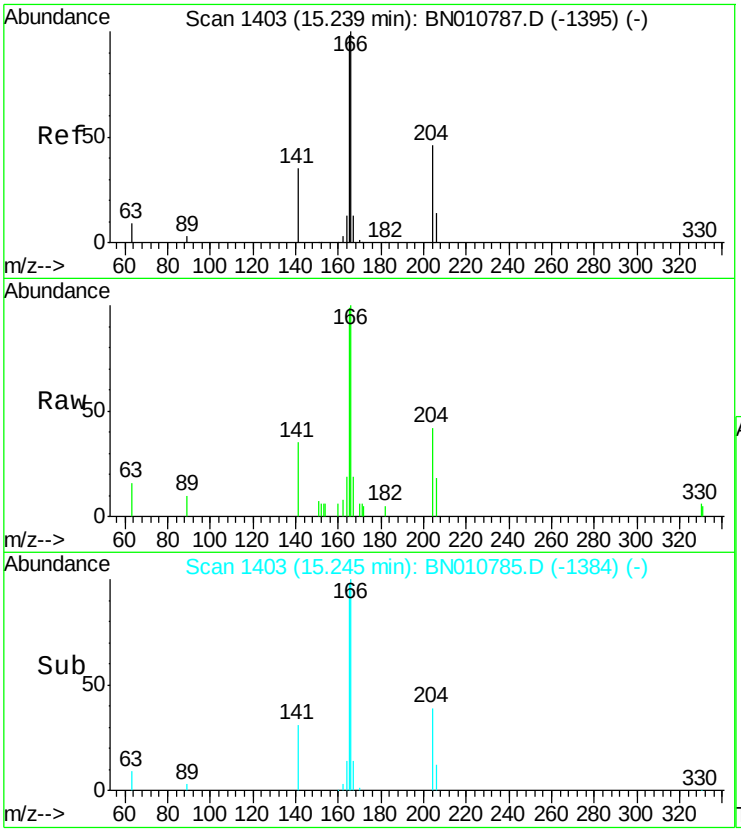


#17
Acenaphthene
Concen: 0.094 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:154 Resp: 1134

Ion	Ratio	Lower	Upper
154	100		
153	120.0	90.3	135.5
152	60.3	45.9	68.9



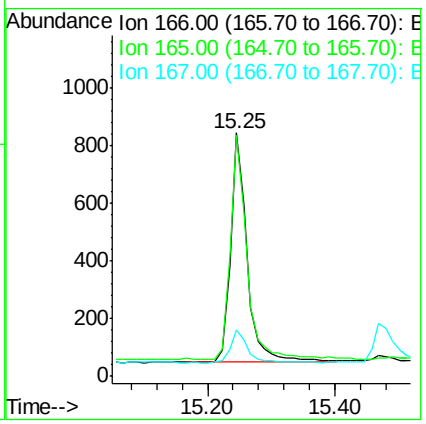


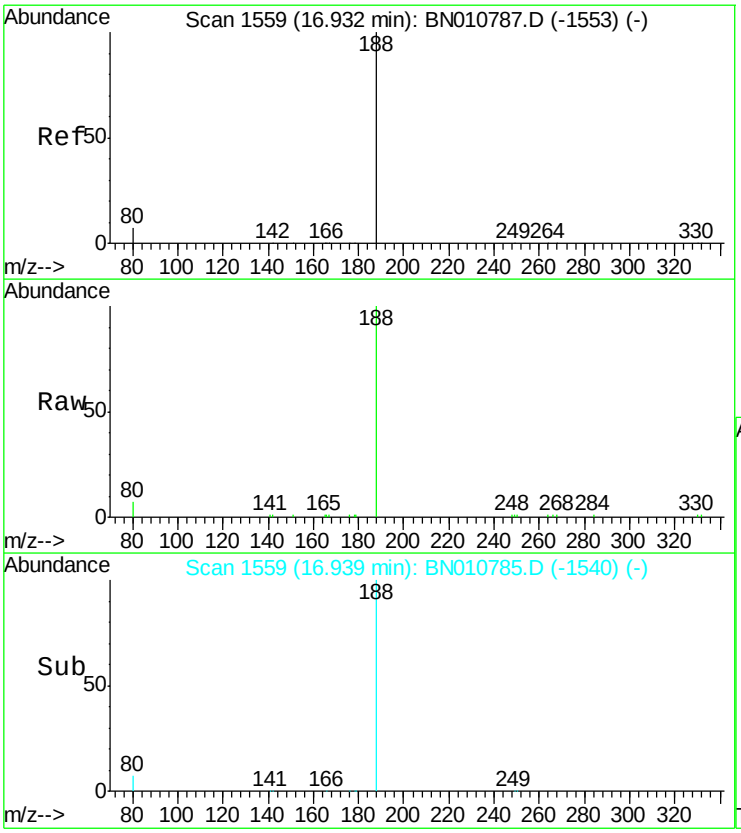
#18
Fluorene
Concen: 0.091 ng
RT: 15.25 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1444

Ion	Ratio	Lower	Upper
166	100		
165	95.6	79.0	118.4
167	14.1	10.9	16.3

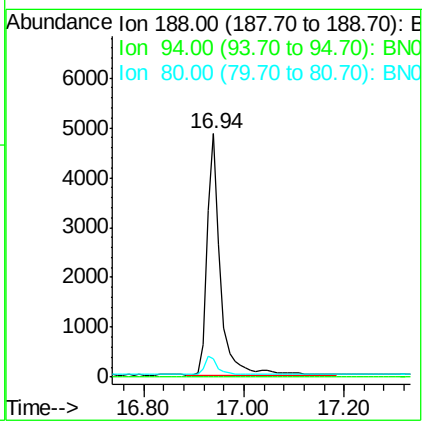


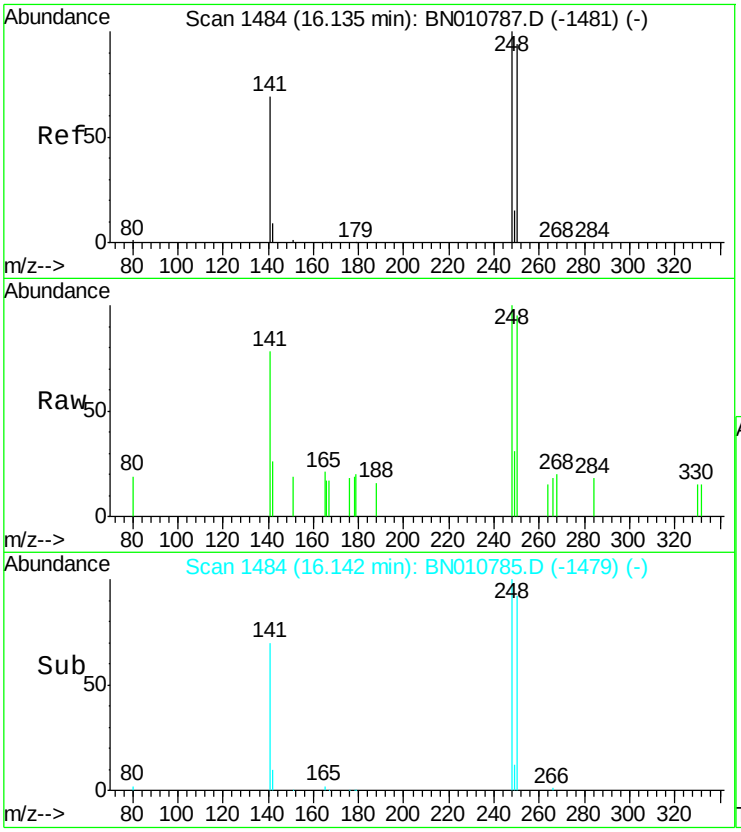


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:188 Resp: 8994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	5.9	8.9



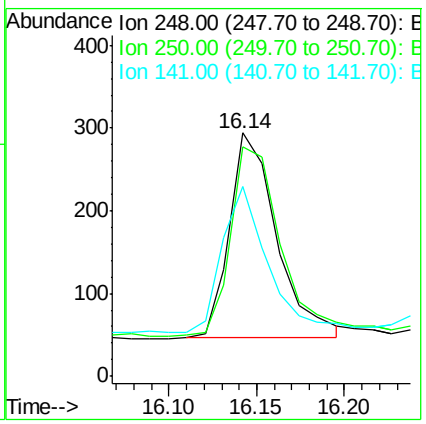


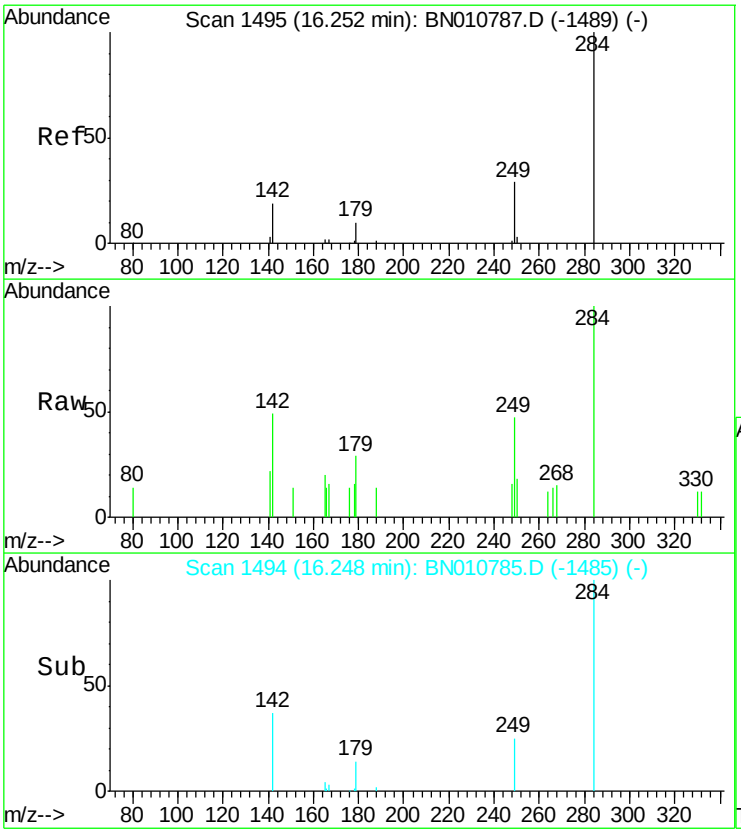
#20
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 465

Ion	Ratio	Lower	Upper
248	100		
250	94.6	75.2	112.8
141	77.9	56.4	84.6

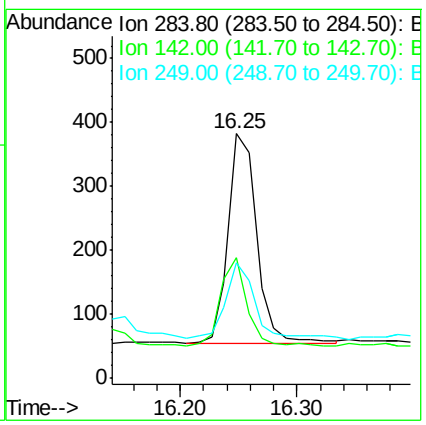


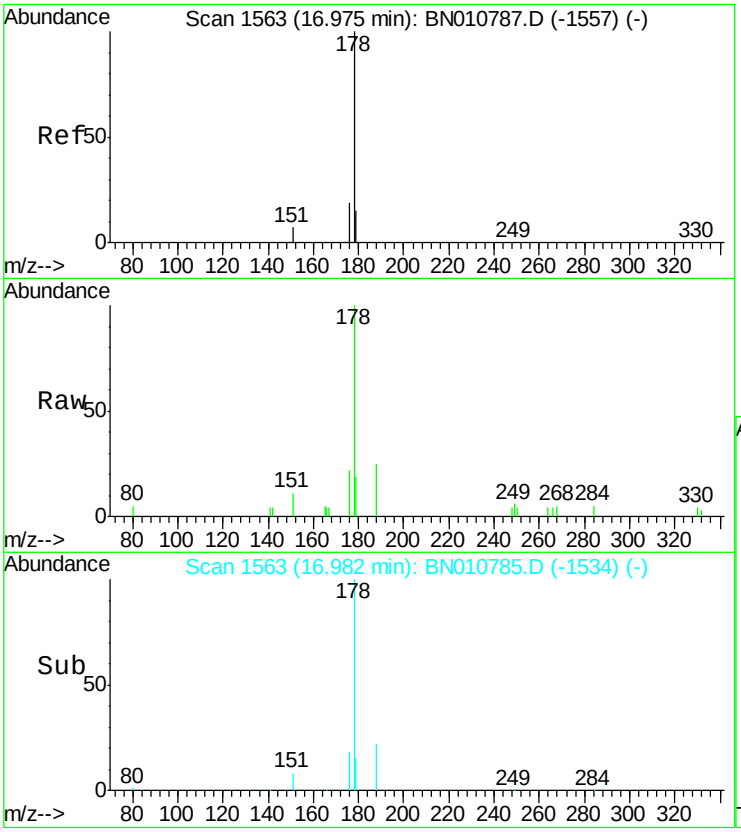


#21
Hexachlorobenzene
Concen: 0.094 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:284 Resp: 553

Ion	Ratio	Lower	Upper
284	100		
142	38.3	31.1	46.7
249	38.0	26.6	39.8



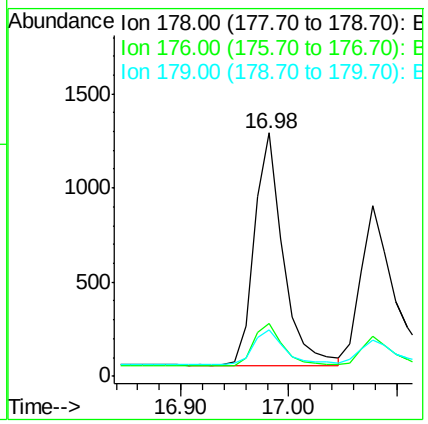


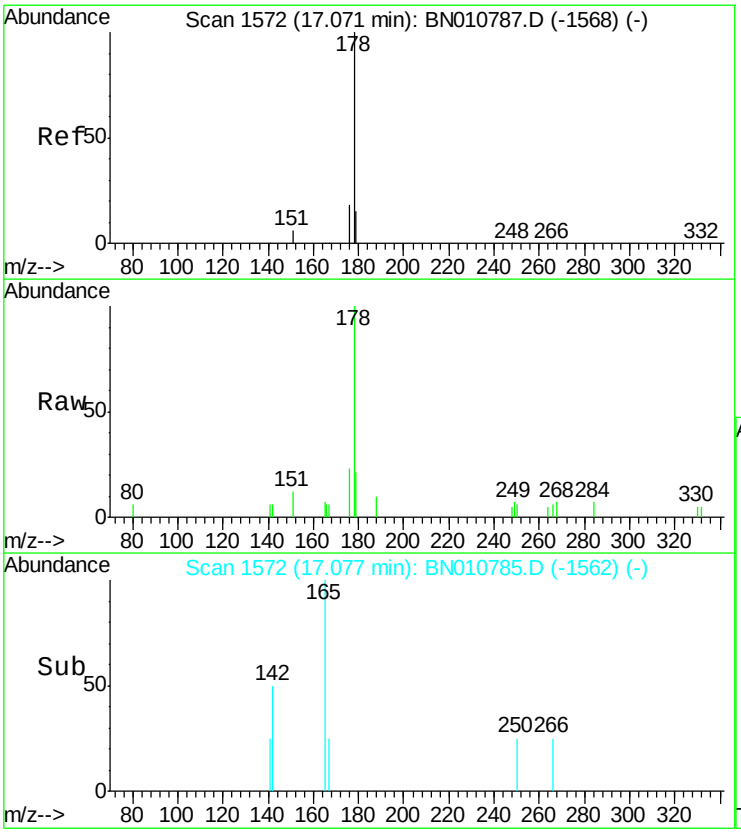
#23
Phenanthrene
Concen: 0.094 ng
RT: 16.98 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2272

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.3	12.2	18.2

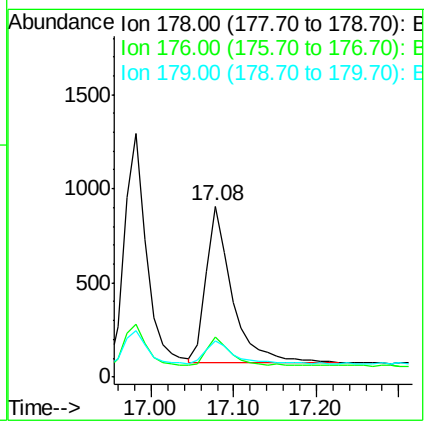


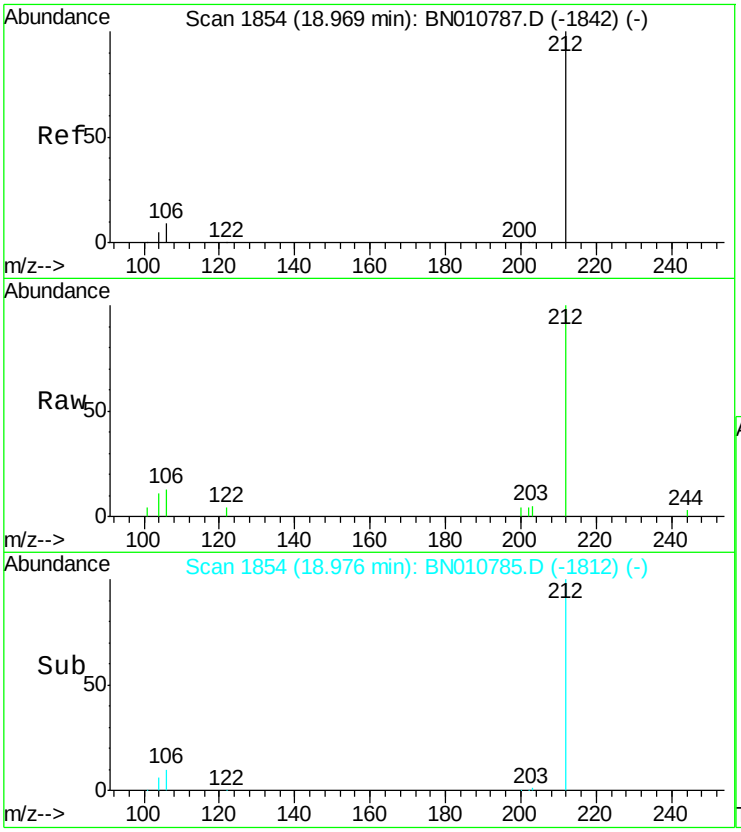


#24
Anthracene
Concen: 0.090 ng
RT: 17.08 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:178 Resp: 1817

Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.7	22.1
179	14.6	12.0	18.0



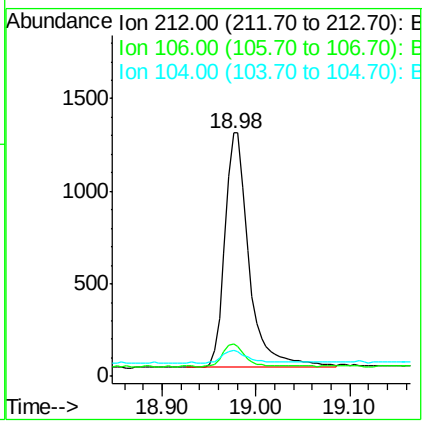


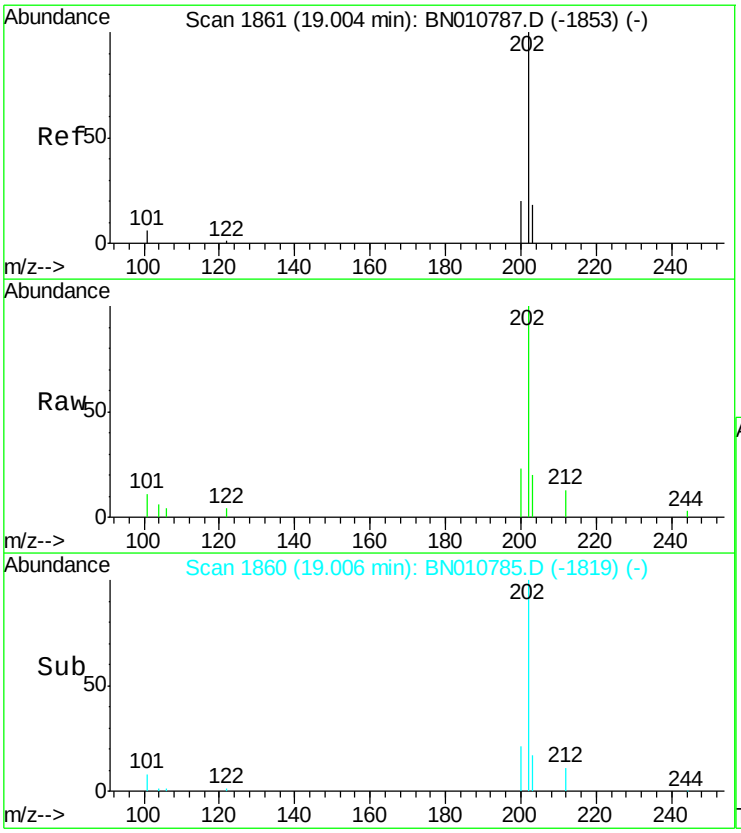
#25
Fluoranthene-d10
Concen: 0.093 ng
RT: 18.98 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2273

Ion	Ratio	Lower	Upper
212	100		
106	9.0	7.1	10.7
104	5.4	4.1	6.1

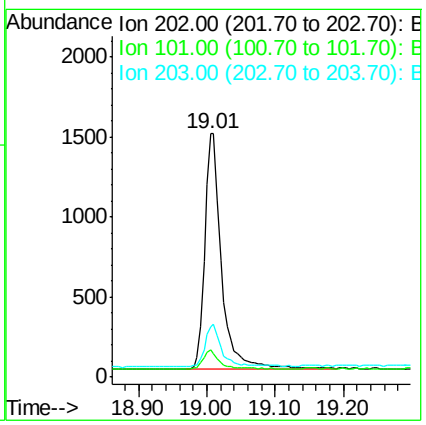


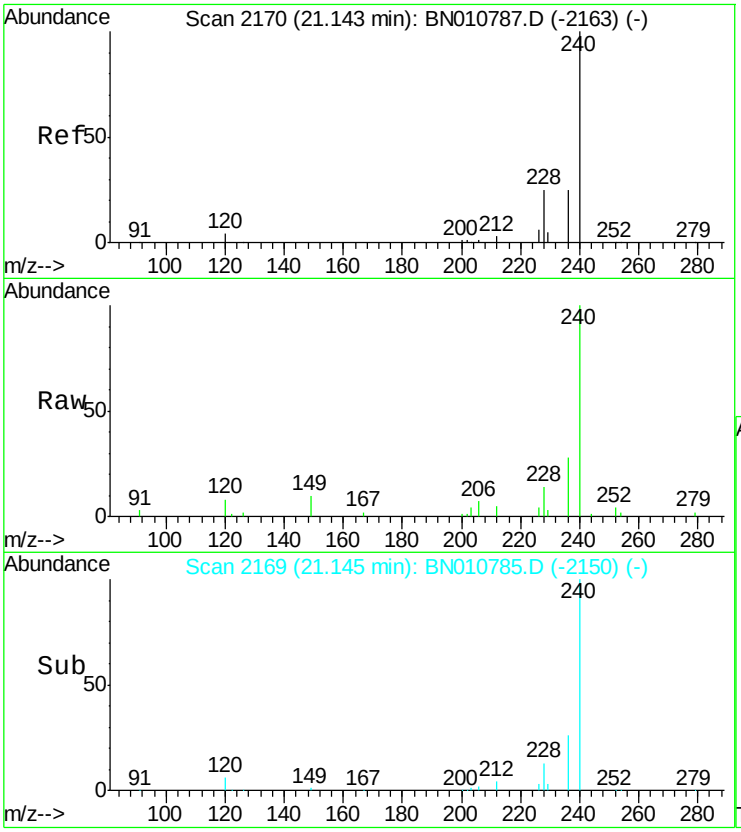


#26
Fluoranthene
Concen: 0.093 ng
RT: 19.01 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:202 Resp: 2548

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
203	16.9	13.6	20.4



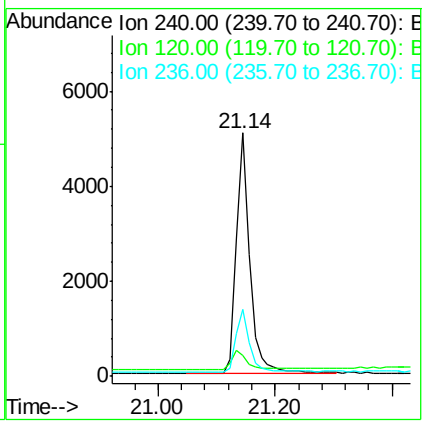


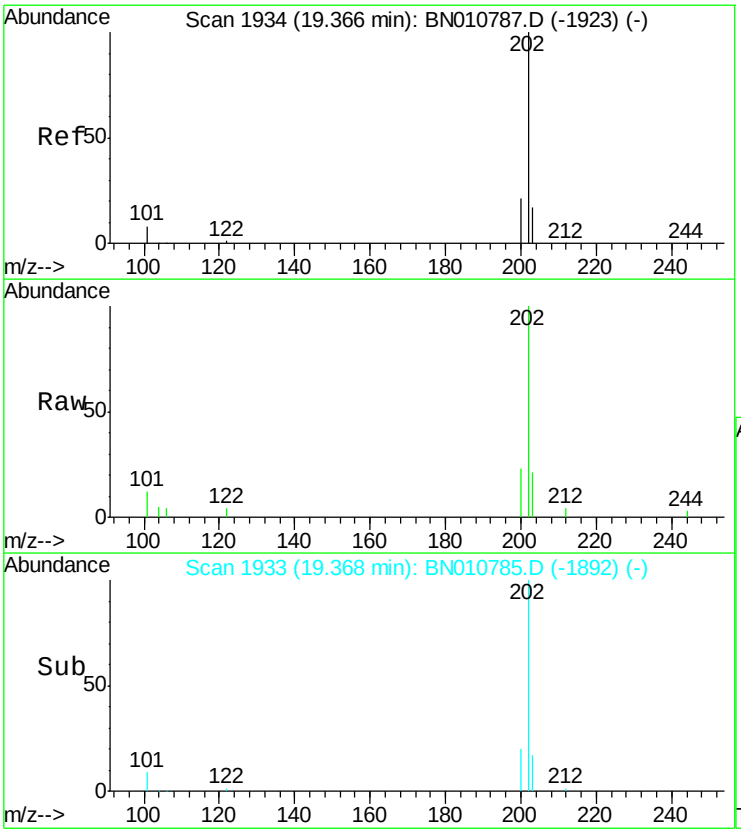
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 8139

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.2	7.8#
236	27.7	21.3	31.9

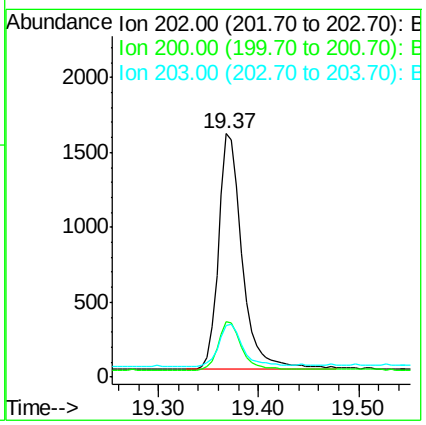


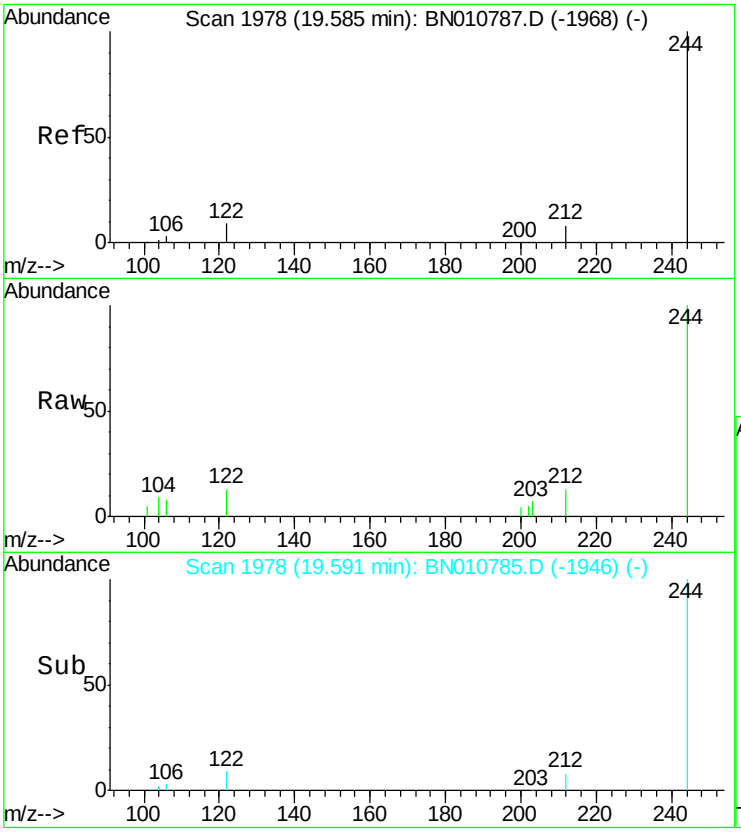


#28
Pyrene
Concen: 0.089 ng
RT: 19.37 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:202 Resp: 2603

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	18.4	14.0	21.0



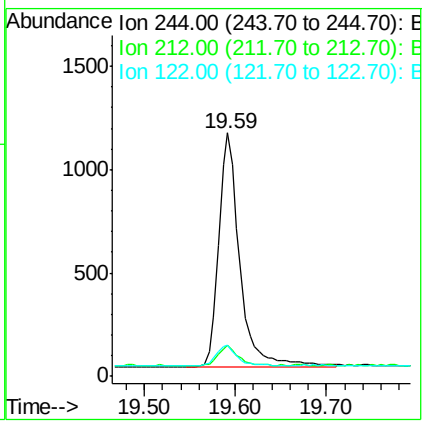


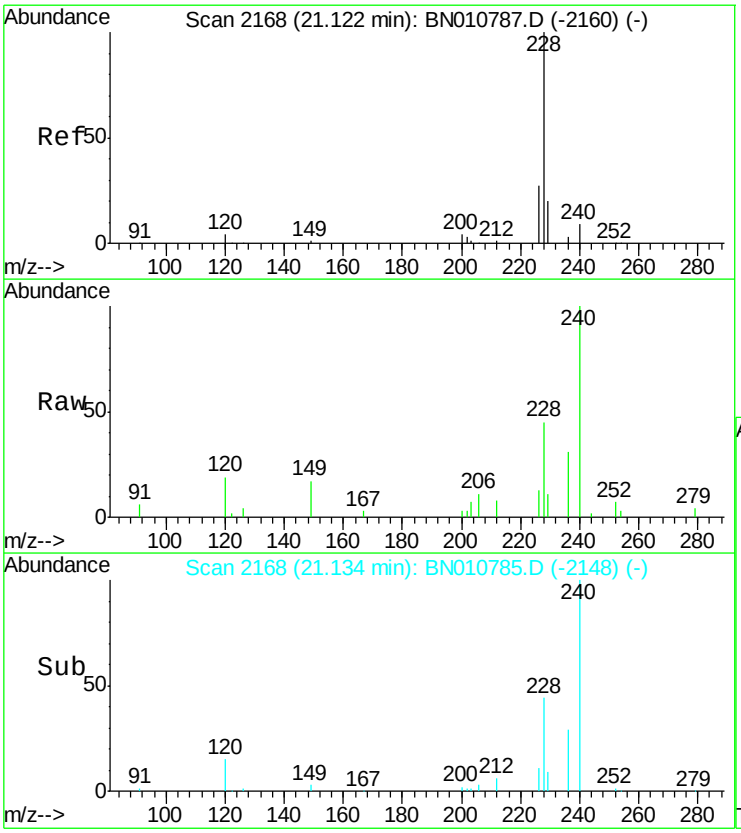
#29
Terphenyl-d14
Concen: 0.094 ng
RT: 19.59 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1819

Ion	Ratio	Lower	Upper
244	100		
212	12.6	7.2	10.8#
122	12.8	7.8	11.6#

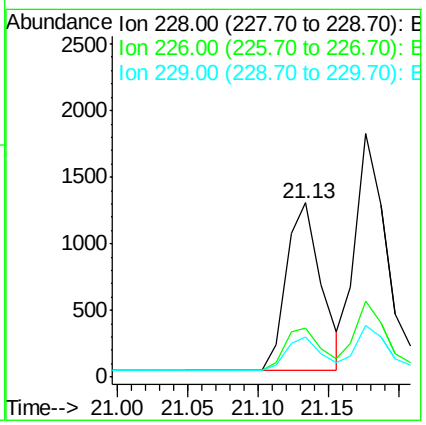


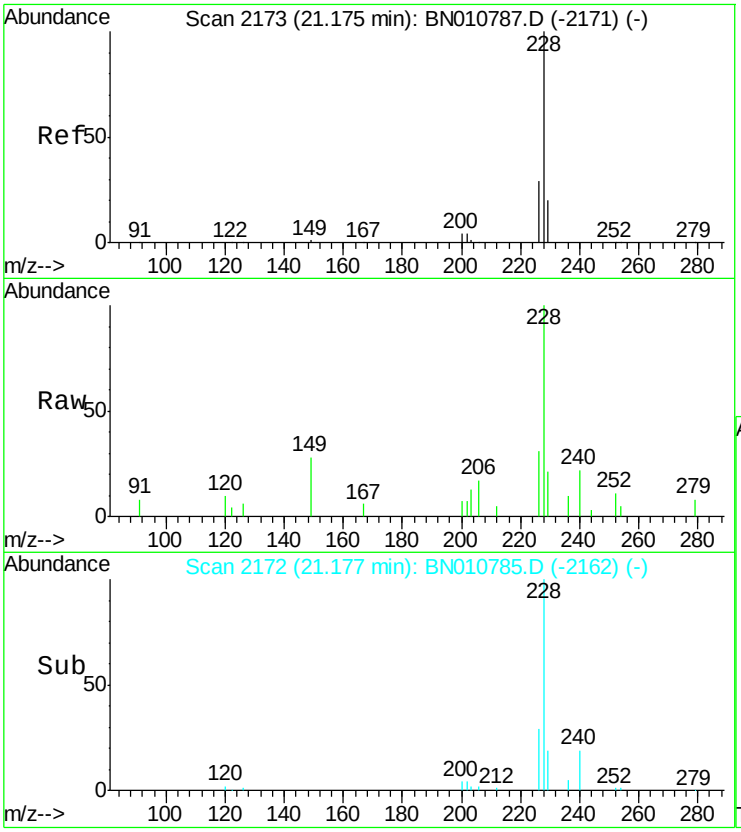


#30
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:228 Resp: 2187

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	23.4	16.2	24.2



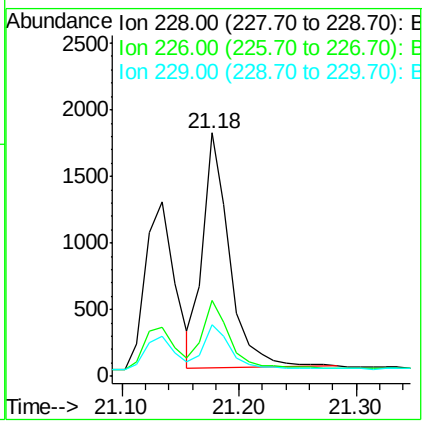


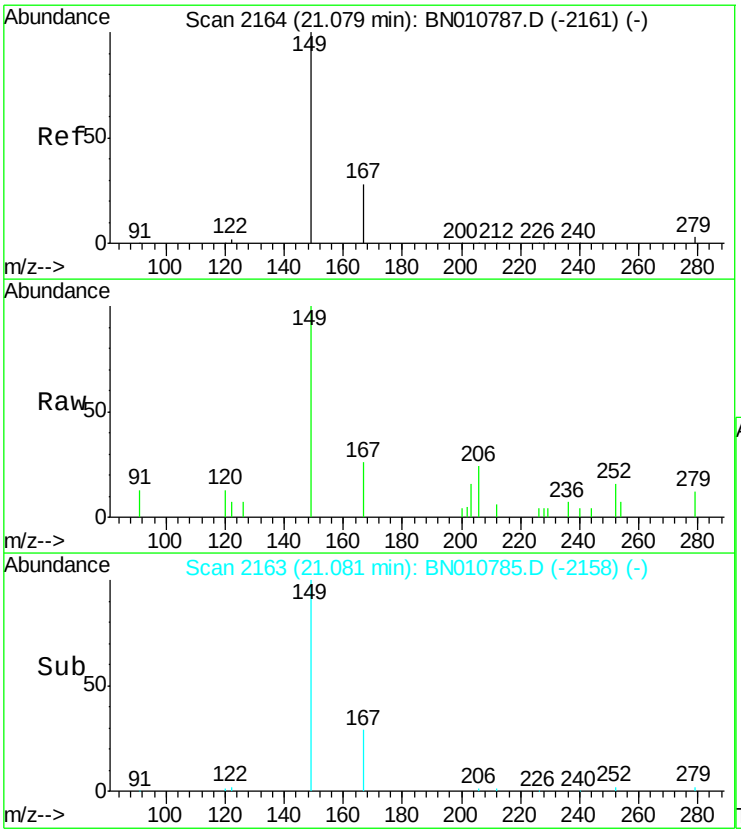
#31
Chrysene
Concen: 0.105 ng
RT: 21.18 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2823

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	21.3	16.3	24.5

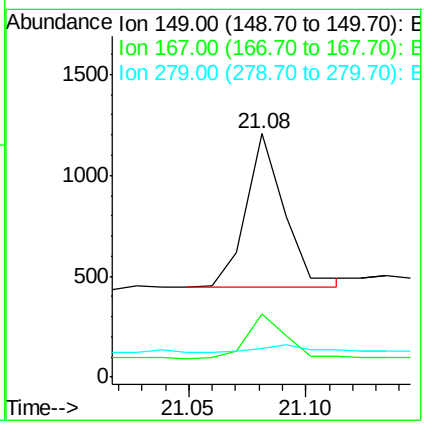


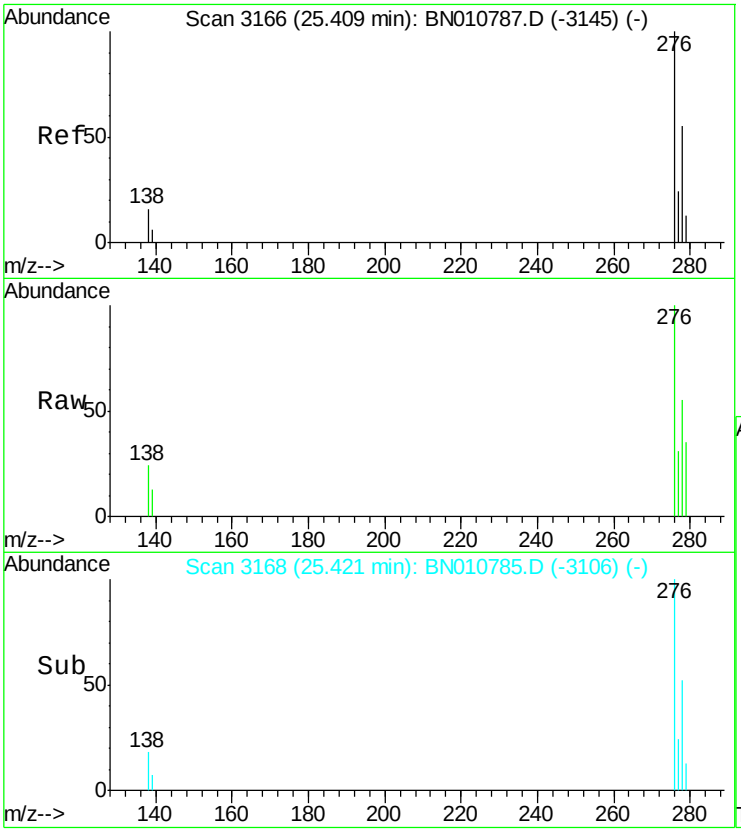


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.08 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:149 Resp: 884

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	6.3	4.2	6.2#



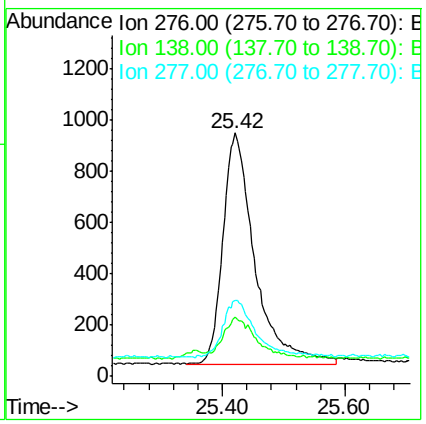


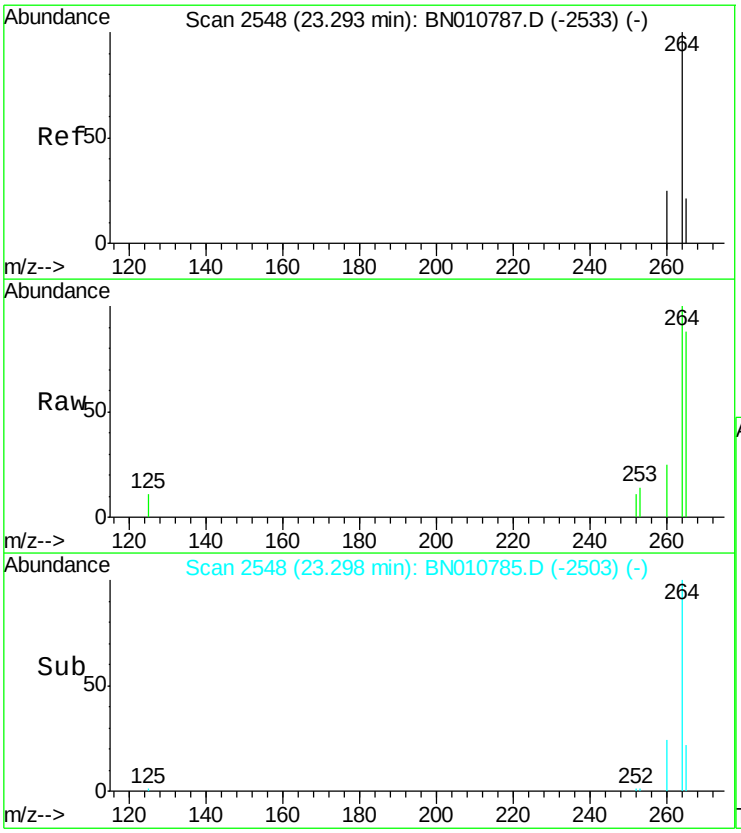
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng
RT: 25.42 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3242

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

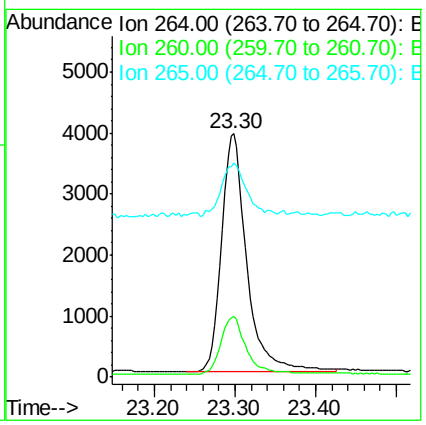


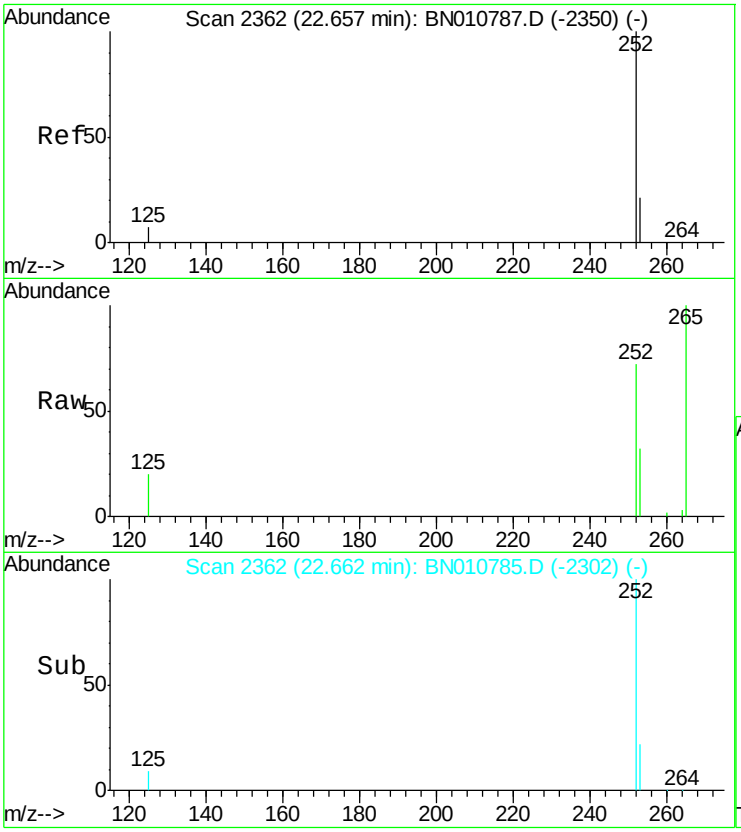


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.30 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:264 Resp: 8548

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.3	30.5
265	87.7	61.7	92.5



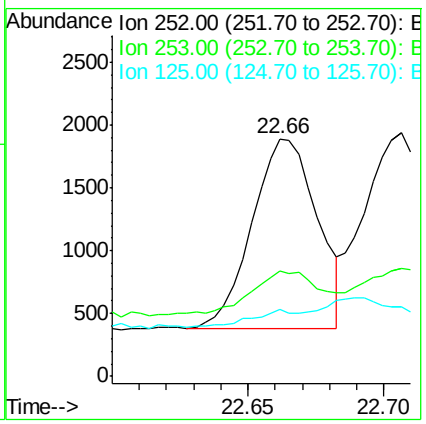


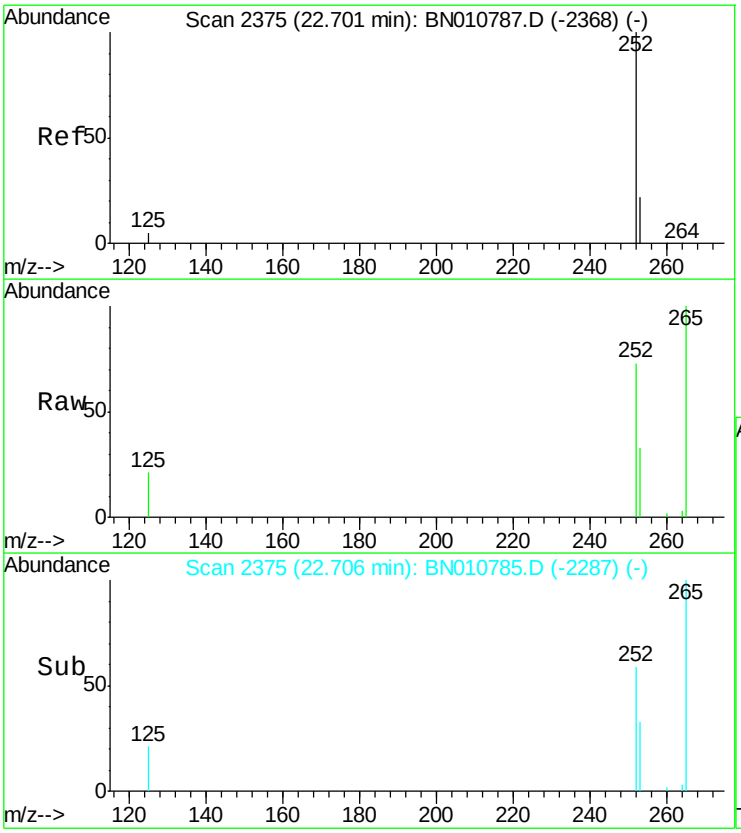
#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2502

Ion	Ratio	Lower	Upper
252	100		
253	44.2	21.5	32.3#
125	28.2	9.2	13.8#

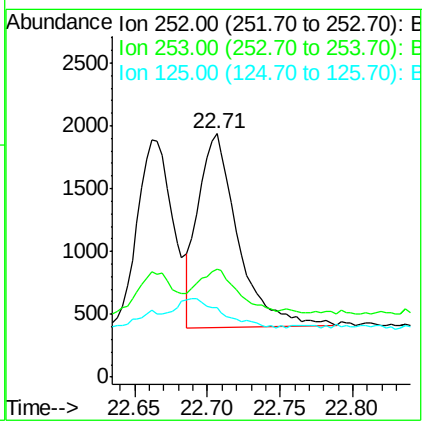


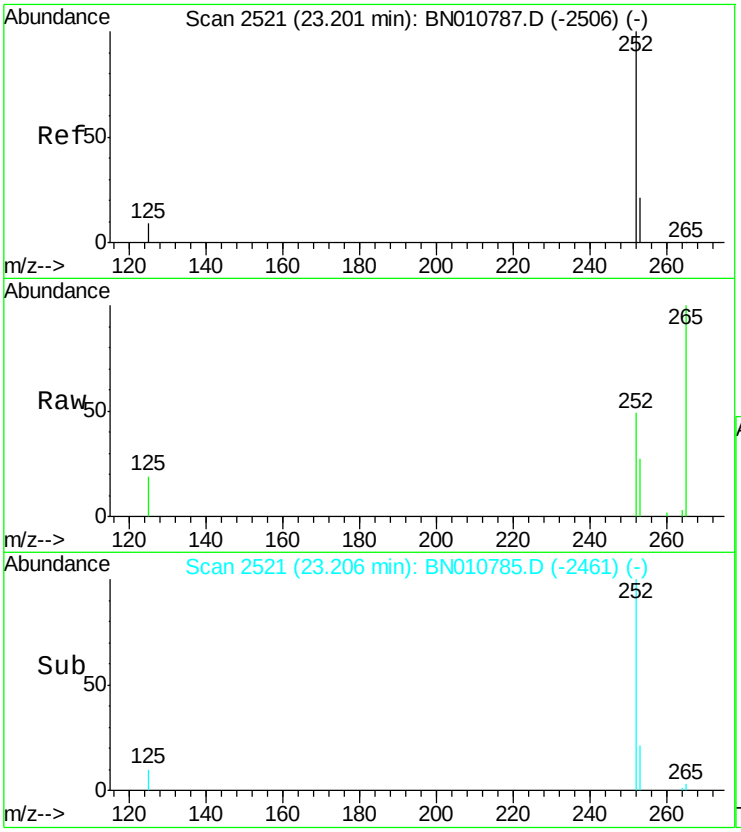


#36
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 22.71 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:252 Resp: 2915

Ion	Ratio	Lower	Upper
252	100		
253	44.5	21.8	32.8#
125	28.3	10.5	15.7#



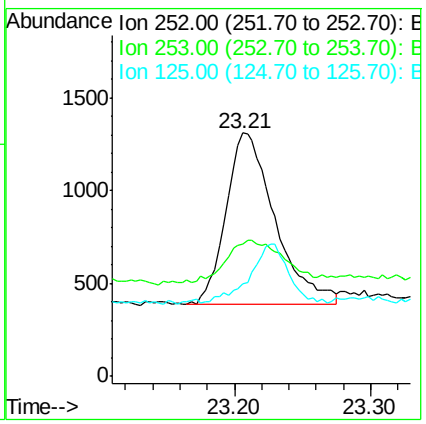


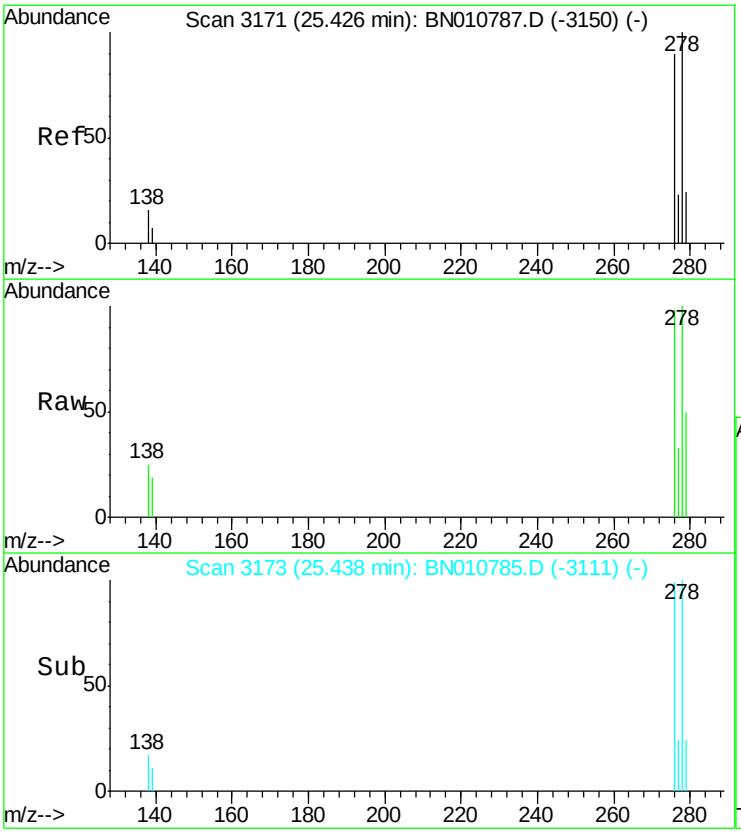
#37
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.21 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2321

Ion	Ratio	Lower	Upper
252	100		
253	54.2	32.0	48.0#
125	38.3	16.0	24.0#

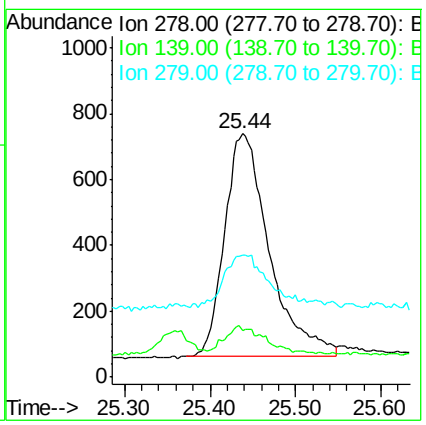


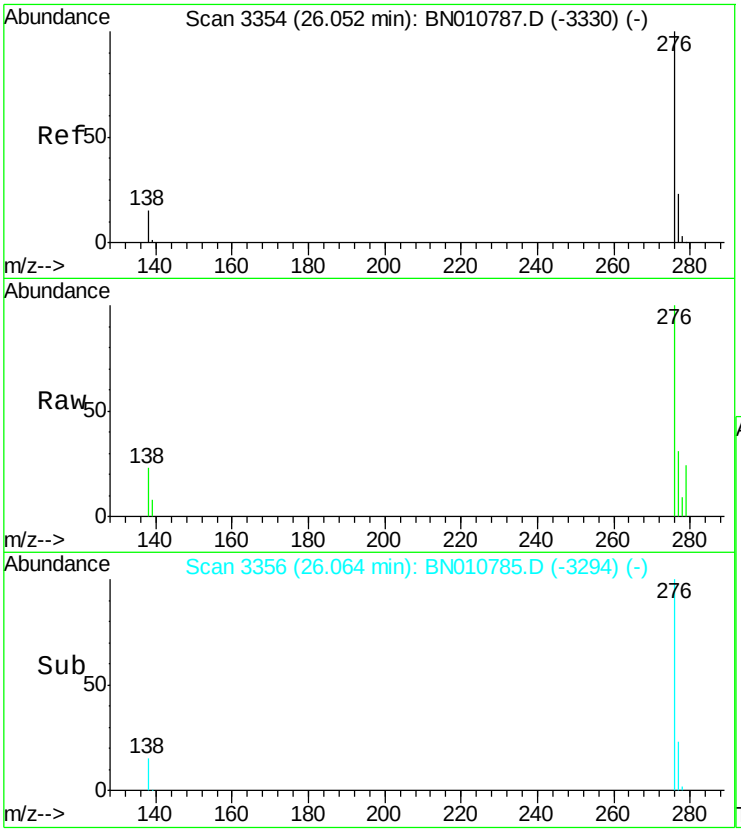


#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.44 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:278 Resp: 2468

Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.7	16.1#
279	50.3	22.9	34.3#





#39
Benzo(g,h,i)perylene
Concen: 0.113 ng
RT: 26.06 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2762

Ion	Ratio	Lower	Upper
276	100		
277	30.6	19.9	29.9#
138	22.9	13.6	20.4#