Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010287.D
Acq On : 19 Mar 2020 12:52
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 15:16:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3985	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13437	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8179	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	18802	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20665	0.40	ng		0.00
34) Perylene-d12	23.36	264	19762	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	5957	0.64	ng		0.00
5) Phenol-d6	6.80	99	7367	0.63	ng		0.00
8) Nitrobenzene-d5	8.75	82	6358	0.79	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	16282	0.73	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	2217	0.76	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	24020	0.82	ng		0.00
25) Fluoranthene-d10	19.02	212	42923	0.74	ng		0.00
29) Terphenyl-d14	19.64	244	33754	0.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	2938	0.756	ng		98
3) n-Nitrosodimethylamine	3.55	42	2377	0.690	ng		97
6) bis(2-Chloroethyl)ether	7.06	93	7364	0.755	ng		99
9) Naphthalene	10.43	128	25800	0.767	ng		100
10) Hexachlorobutadiene	10.73	225	6290	0.811	ng	#	99
12) 2-Methylnaphthalene	12.05	142	17693	0.732	ng		98
16) Acenaphthylene	13.95	152	23629	0.626	ng		100
17) Acenaphthene	14.31	154	17472	0.763	ng		99
18) Fluorene	15.29	166	23026	0.737	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	8812	0.816	ng	#	89
21) Hexachlorobenzene	16.30	284	9116	0.865	ng		99
22) Pentachlorophenol	16.64	266	2633	0.809	ng		94
23) Phenanthrene	17.02	178	40104	0.804	ng		100
24) Anthracene	17.12	178	33479	0.674	ng		100
26) Fluoranthene	19.05	202	48819	0.773	ng		100
28) Pyrene	19.42	202	48379	0.701	ng		100
30) Benzo(a)anthracene	21.18	228	49320	0.702	ng		100
31) Chrysene	21.23	228	54284	0.785	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	14323	0.479	ng		99
33) Indeno(1,2,3-cd)pyrene	25.52	276	55323	0.674	ng		99
35) Benzo(b)fluoranthene	22.72	252	49469	0.814	ng		98
36) Benzo(k)fluoranthene	22.76	252	52630	0.857	ng	#	95
37) Benzo(a)pyrene	23.27	252	42083	0.734	ng		96
38) Dibenzo(a,h)anthracene	25.53	278	45969	0.799	ng		99
39) Benzo(g,h,i)perylene	26.16	276	46502	0.810	ng		99

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
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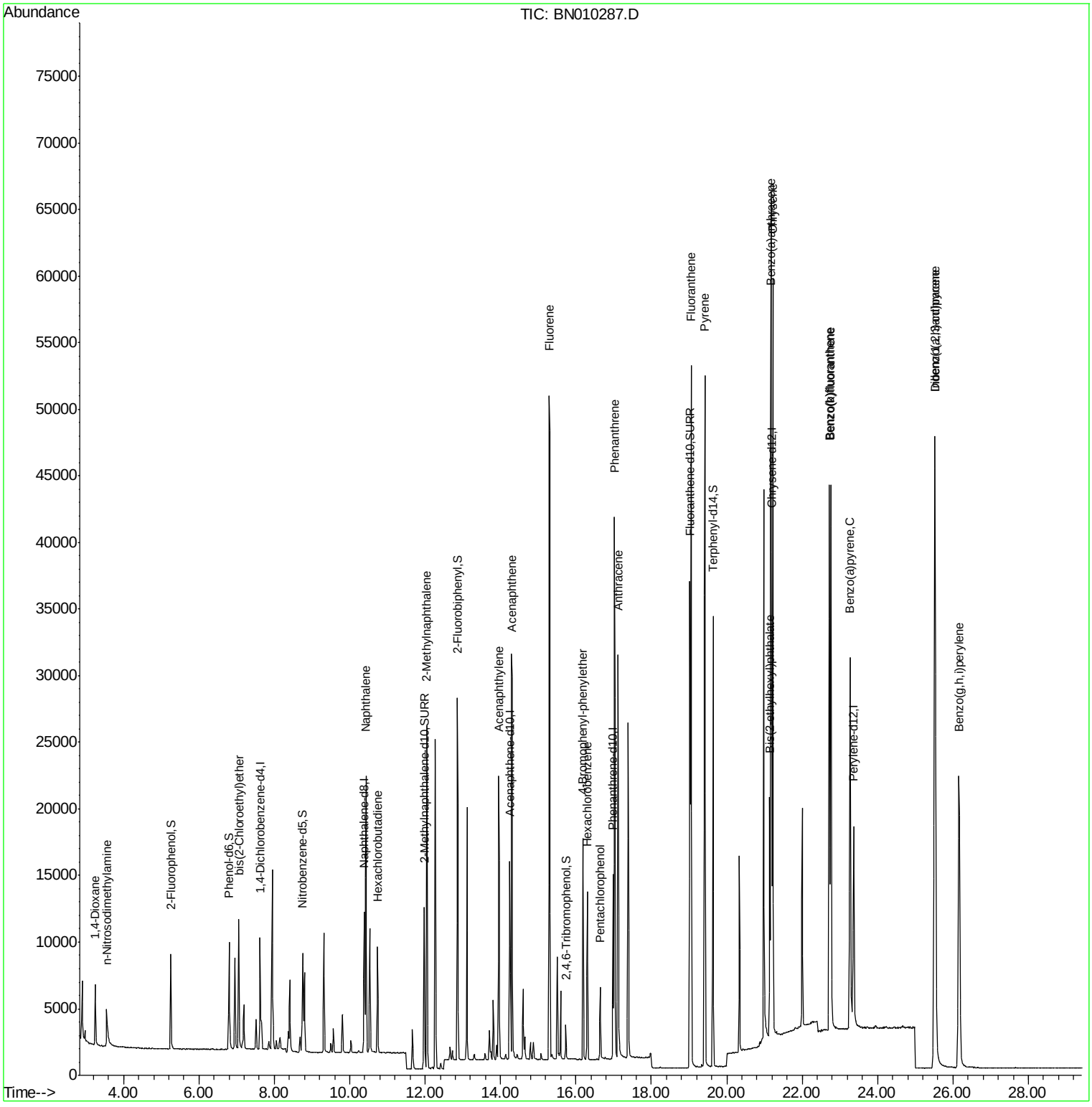
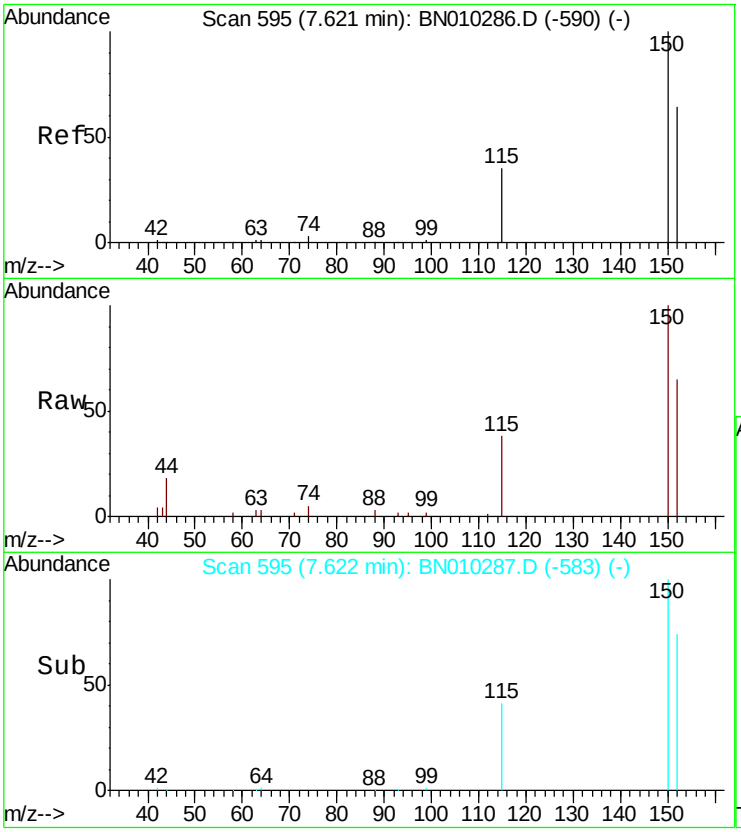


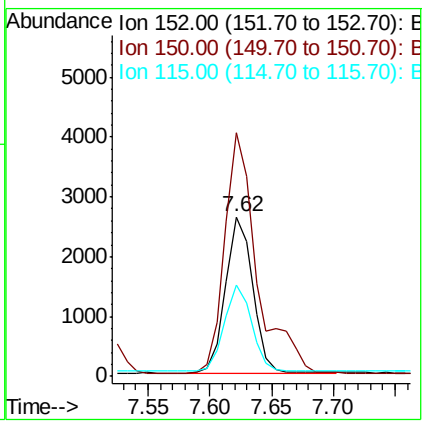


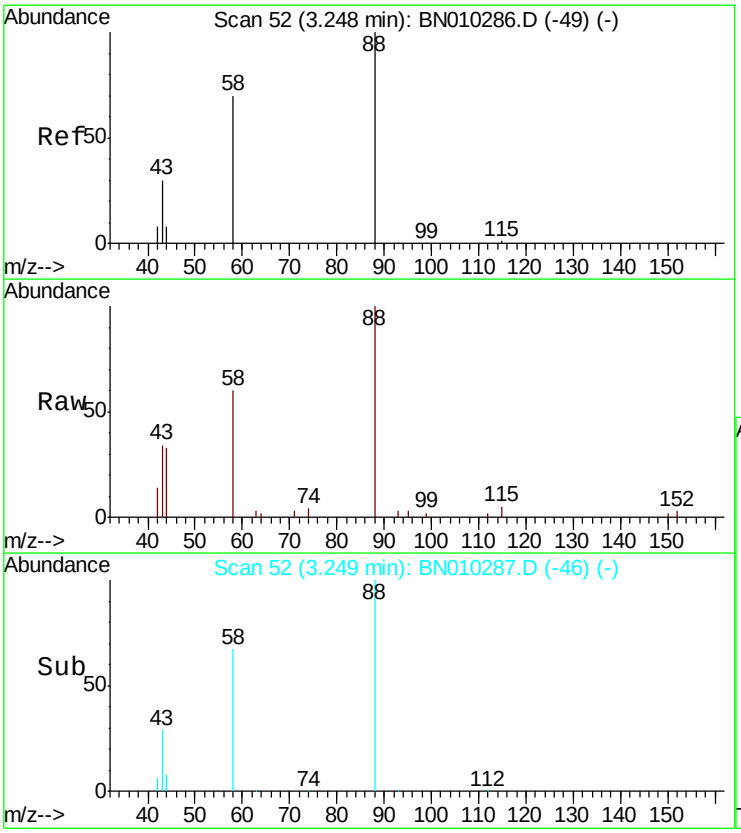
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3985

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.1	184.7
115	57.6	45.2	67.8

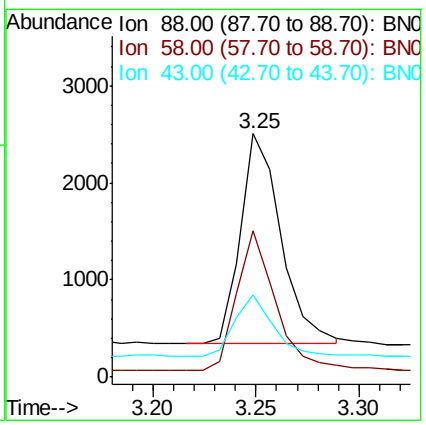


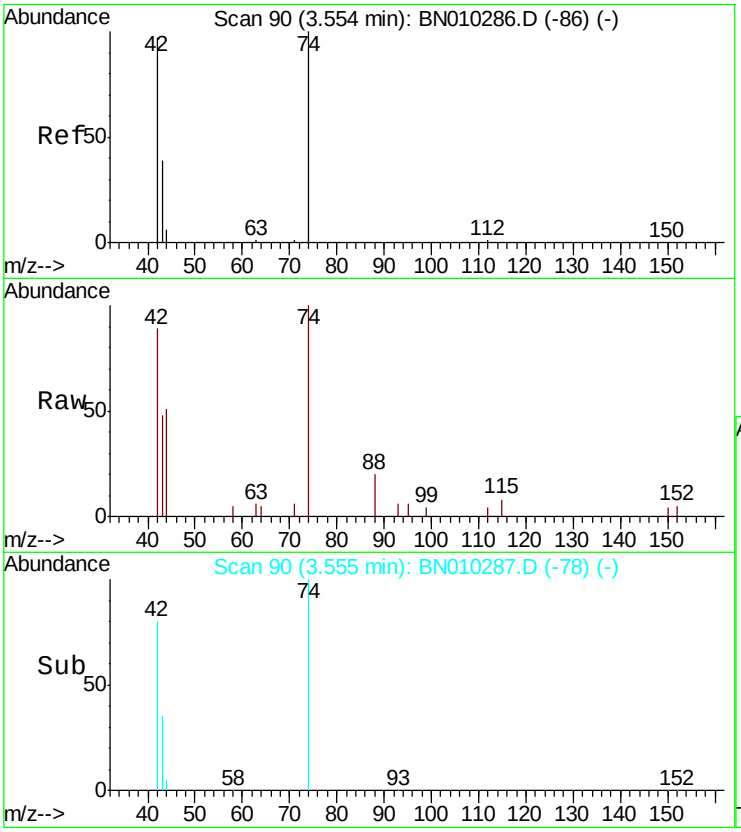


#2
1,4-Dioxane
Concen: 0.756 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 88 Resp: 2938

Ion	Ratio	Lower	Upper
88	100		
58	63.8	51.7	77.5
43	27.8	21.2	31.8



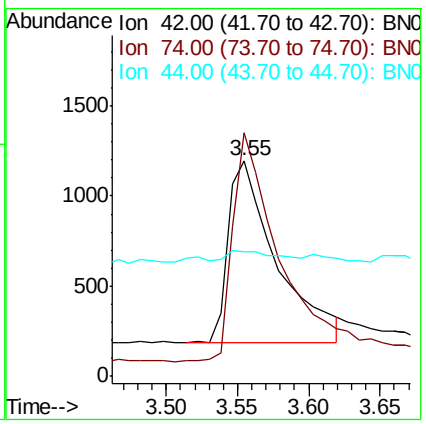


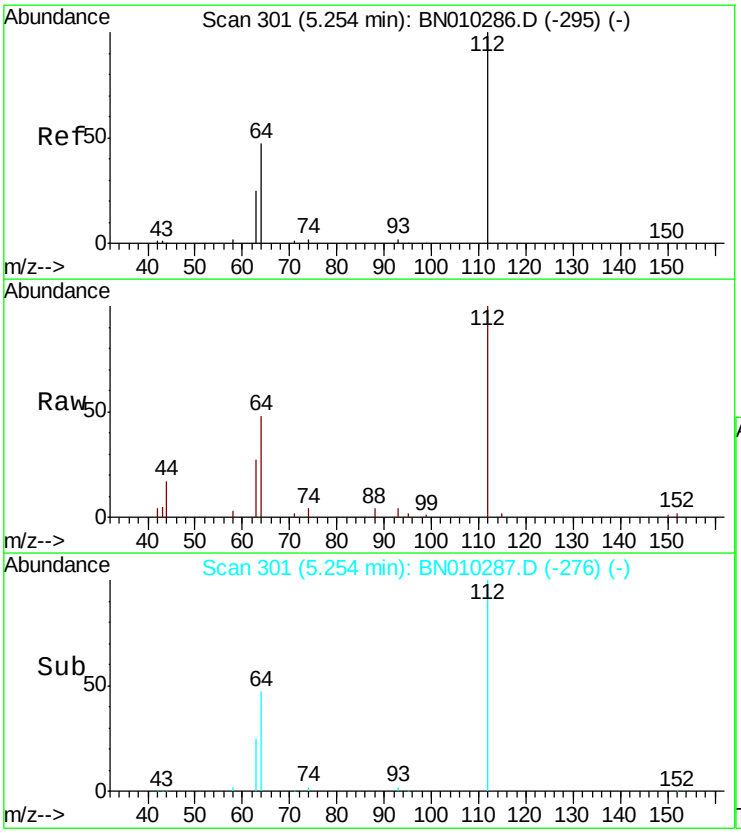
#3
n-Nitrosodimethylamine
Concen: 0.690 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2377

Ion	Ratio	Lower	Upper
42	100		
74	120.8	99.4	149.0
44	5.2	4.8	7.2

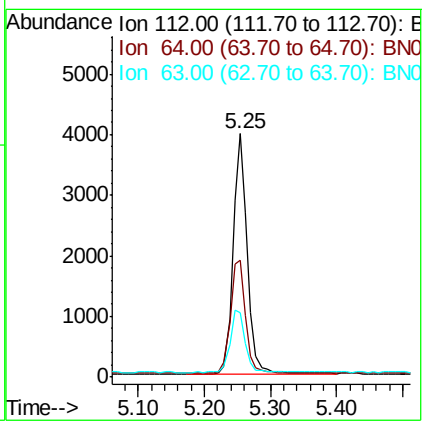


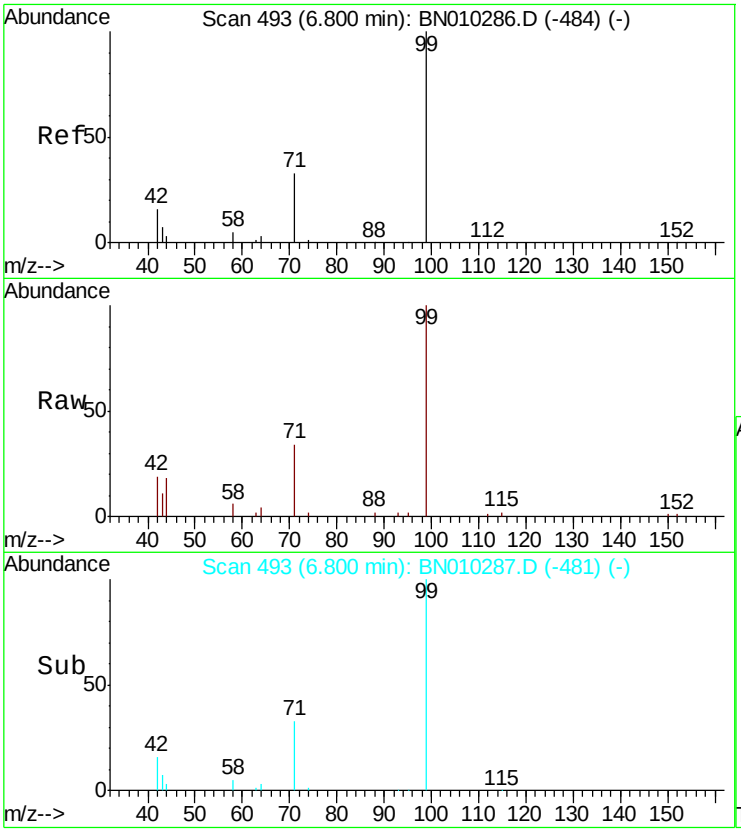


#4
2-Fluorophenol
Concen: 0.637 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:112 Resp: 5957

Ion	Ratio	Lower	Upper
112	100		
64	50.3	41.4	62.2
63	27.8	22.9	34.3



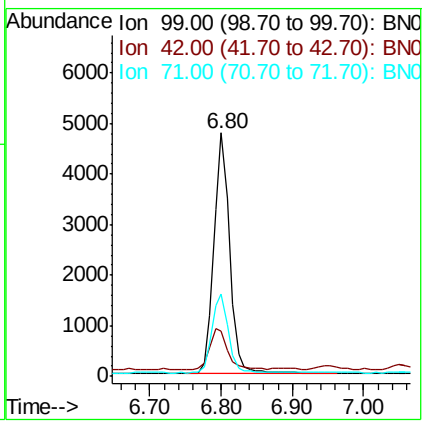


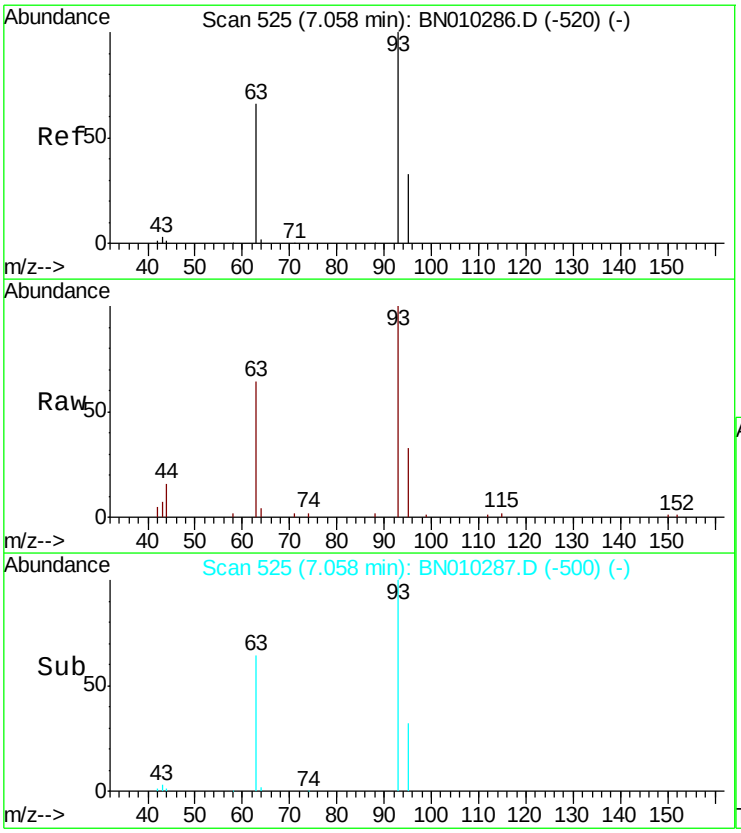
#5
Phenol-d6
Concen: 0.630 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7367

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	34.5	27.3	40.9

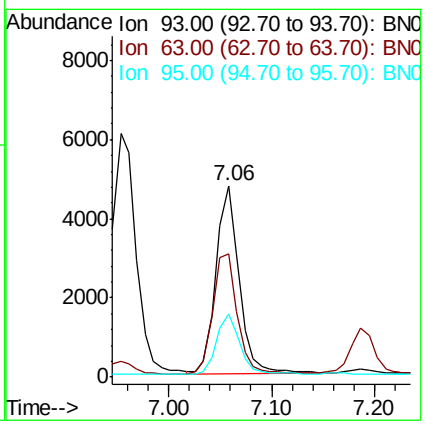


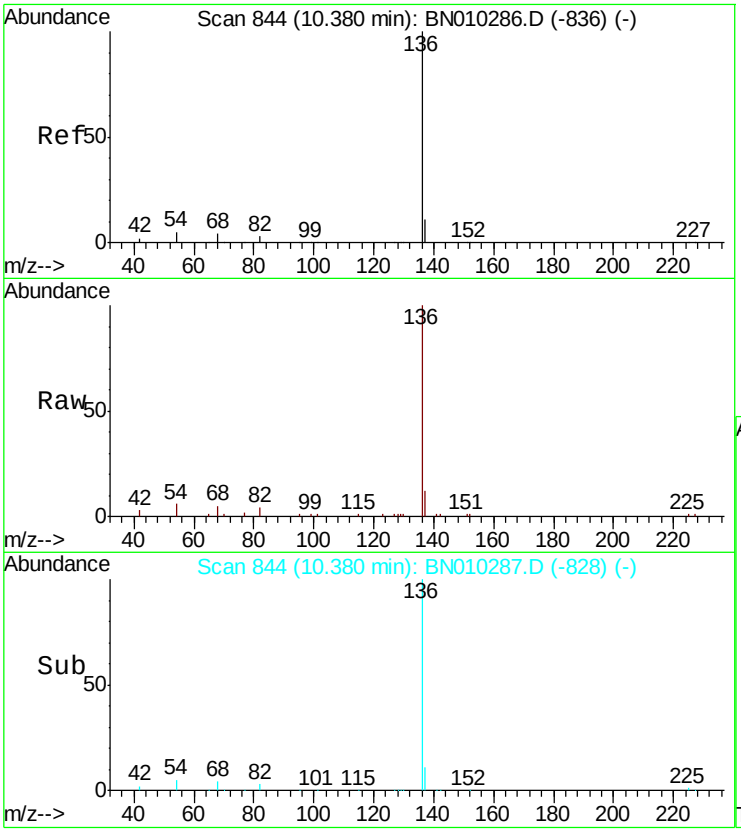


#6
bis(2-Chloroethyl)ether
Concen: 0.755 ng
RT: 7.06 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 93 Resp: 7364

Ion	Ratio	Lower	Upper
93	100		
63	67.9	55.6	83.4
95	33.0	26.2	39.4



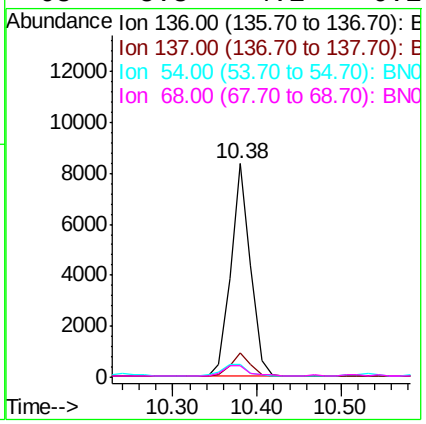


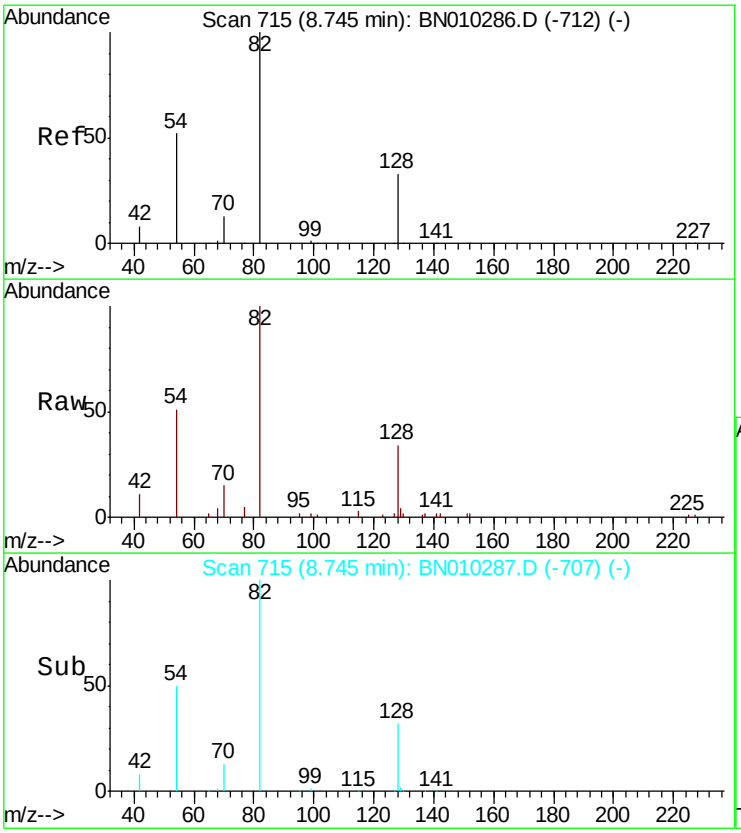
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13437

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.0	4.8	7.2
68	5.3	4.1	6.1

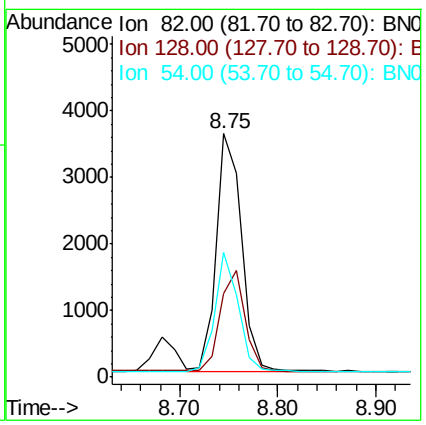


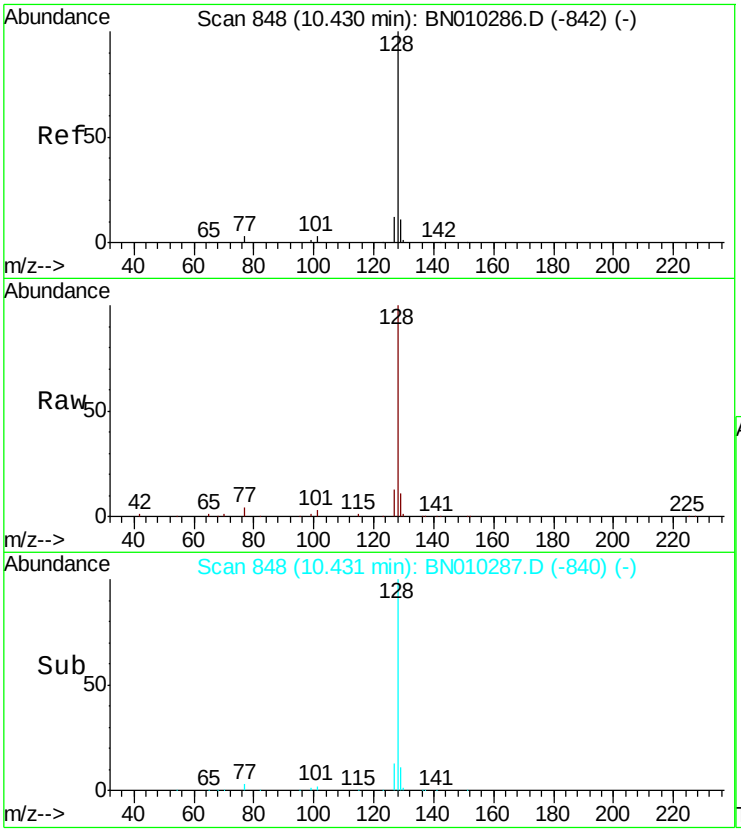


#8
Nitrobenzene-d5
Concen: 0.789 ng
RT: 8.75 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 82 Resp: 6358

Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.8	43.2
54	51.2	42.1	63.1



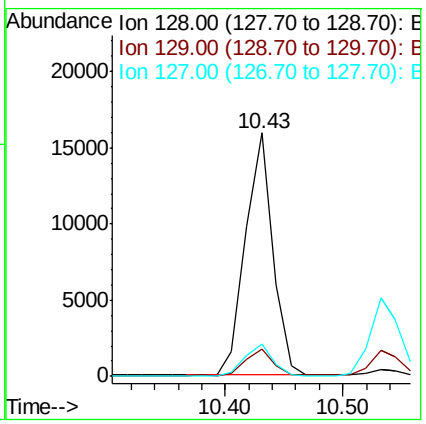


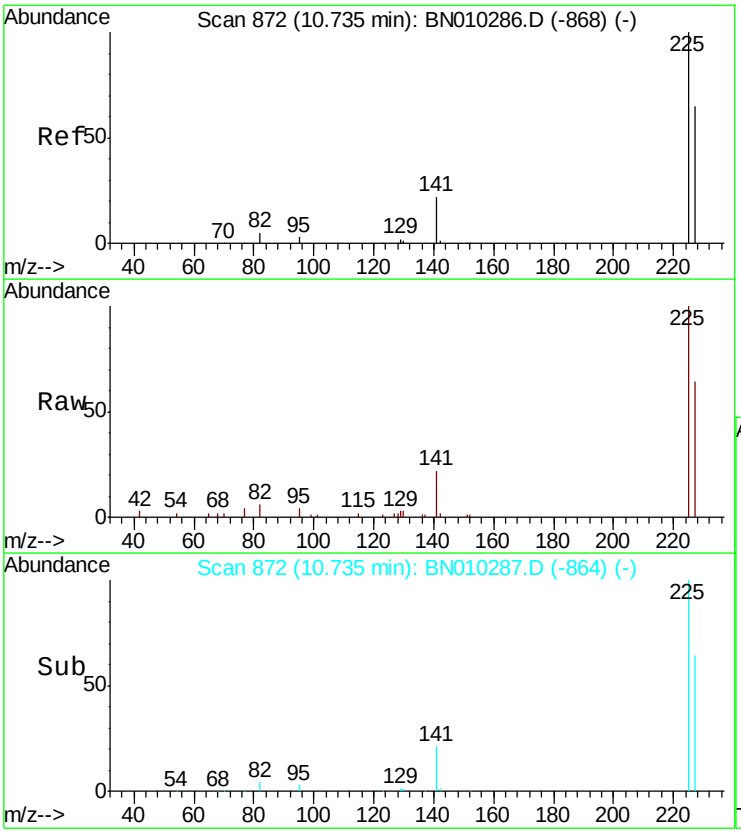
#9
Naphthalene
Concen: 0.767 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 25800

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.4	15.6

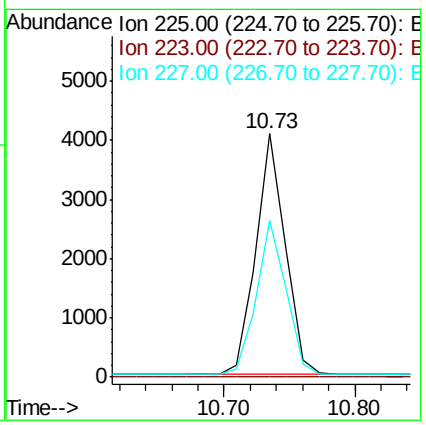


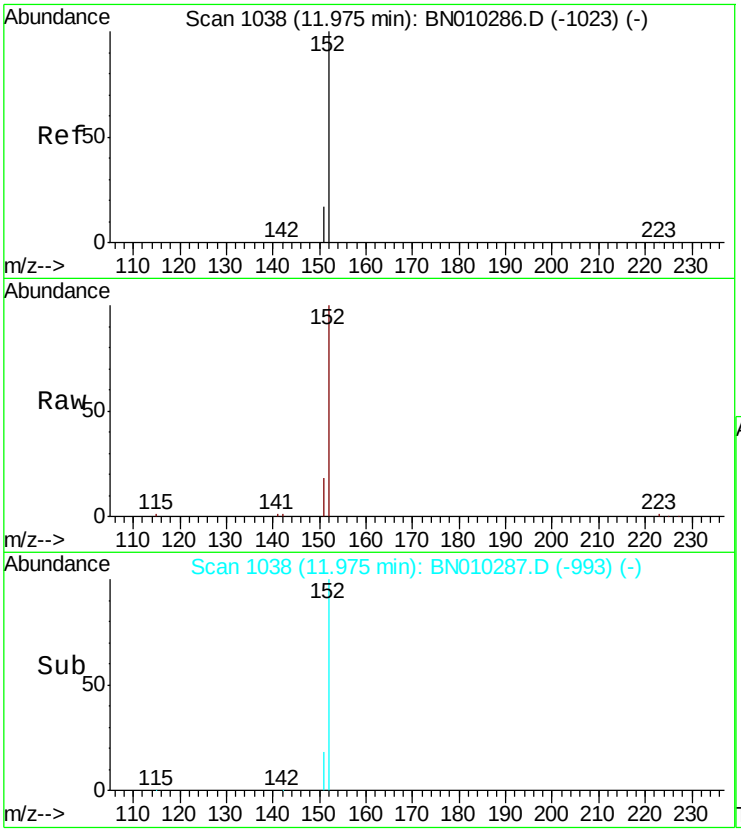


#10
Hexachlorobutadiene
Concen: 0.811 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:225 Resp: 6290

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.9	77.9



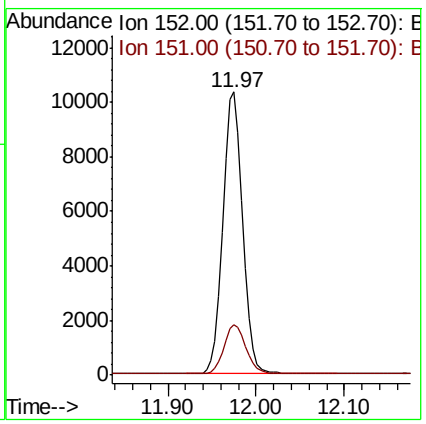


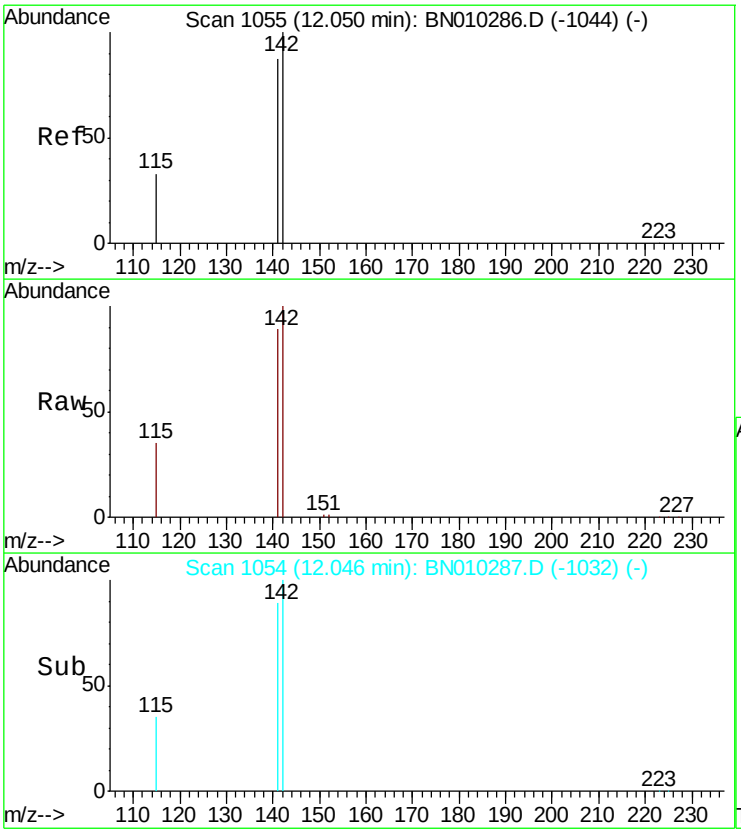
#11
2-Methylnaphthalene-d10
Concen: 0.734 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16282

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

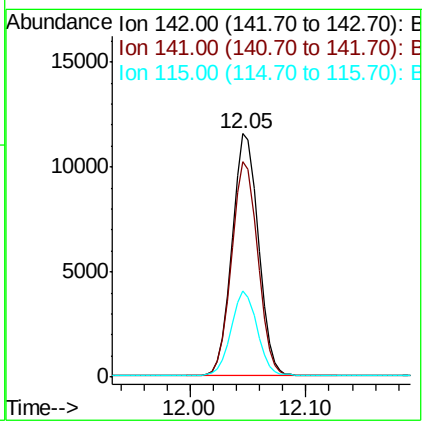


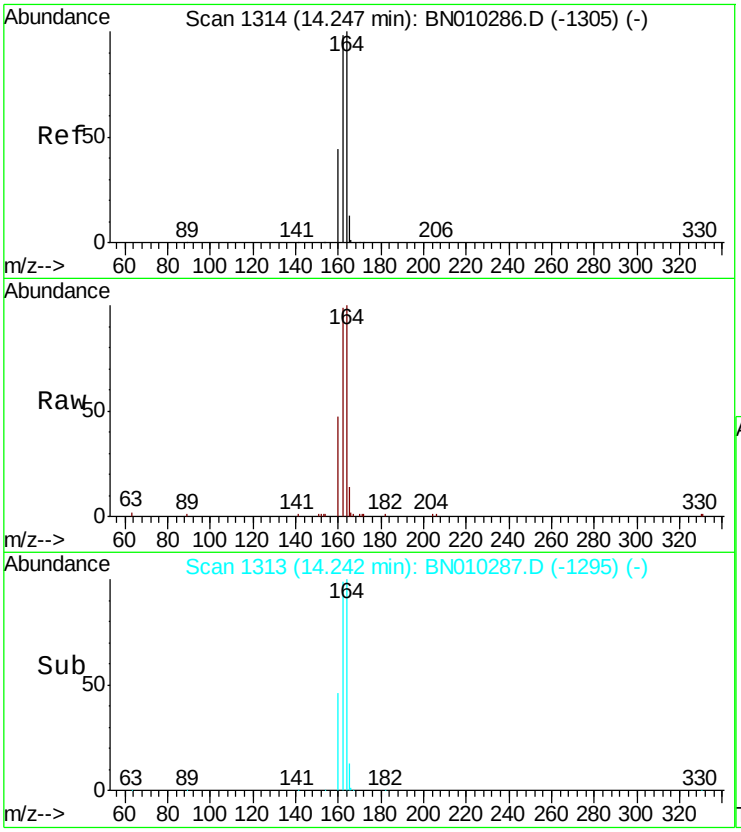


#12
2-Methylnaphthalene
Concen: 0.732 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:142 Resp: 17693

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.5	104.3
115	35.5	27.5	41.3



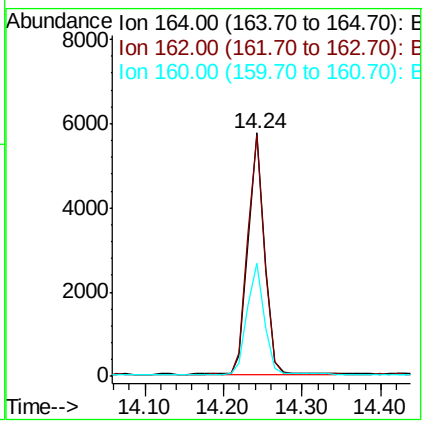


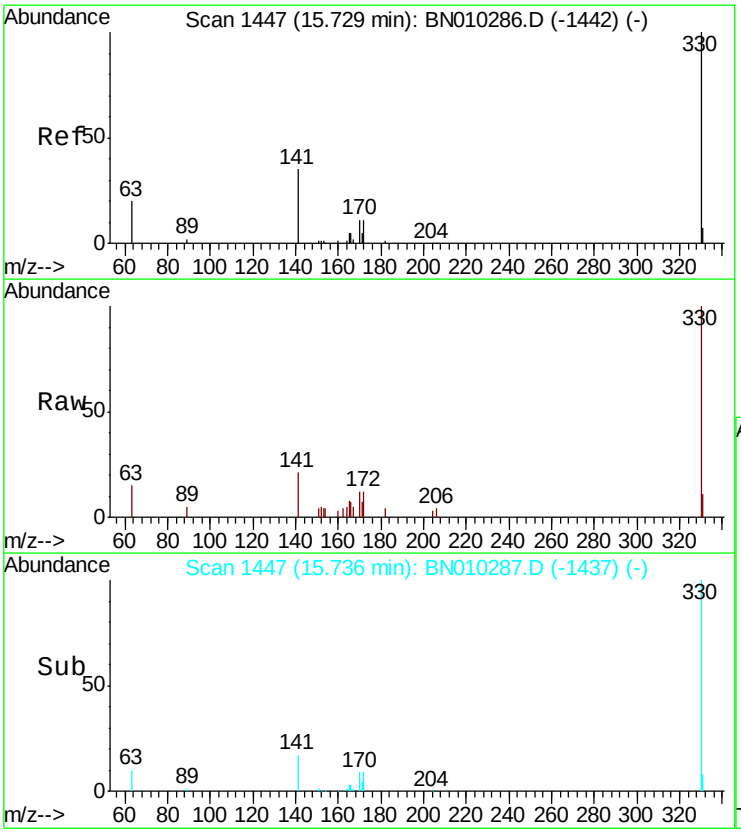
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8179

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.2	117.2
160	46.5	35.8	53.6

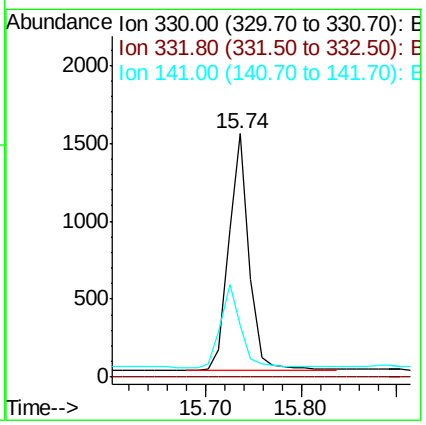


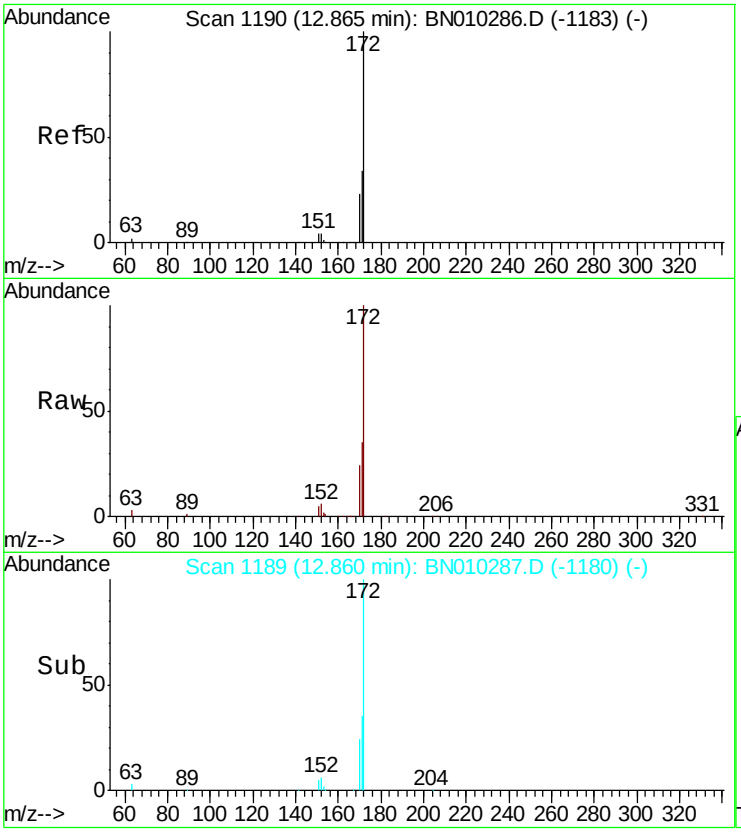


#14
2,4,6-Tribromophenol
Concen: 0.757 ng
RT: 15.74 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:330 Resp: 2217

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	29.3	43.9



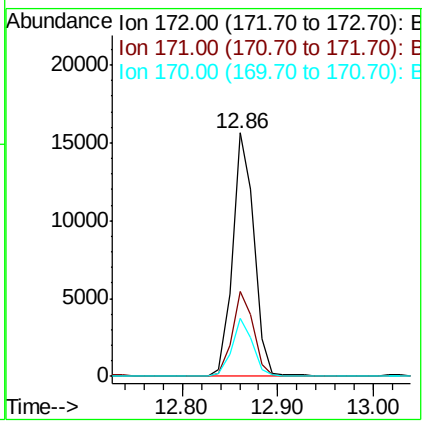


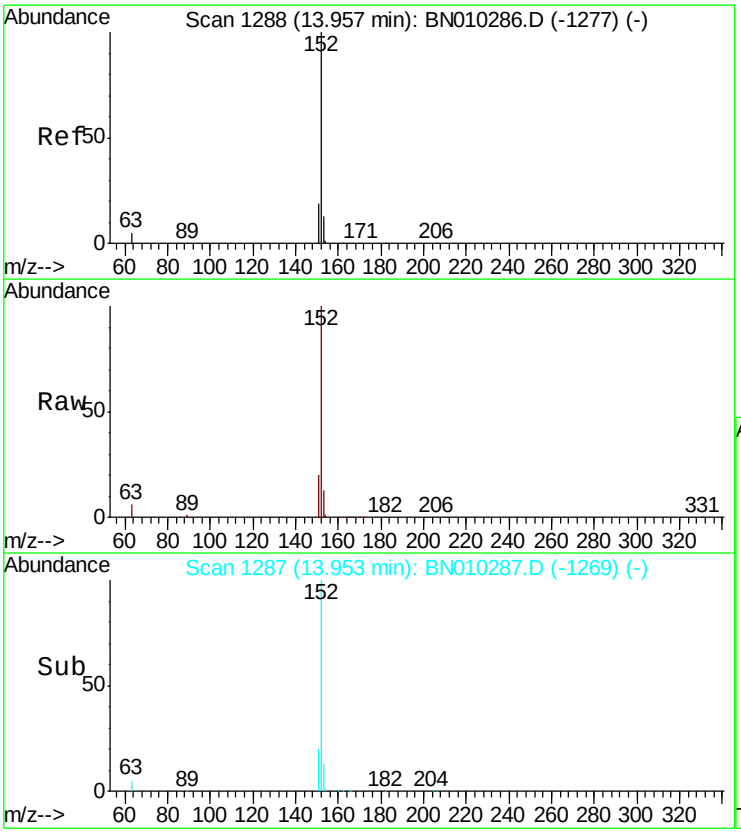
#15
2-Fluorobiphenyl
Concen: 0.825 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 24020

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	24.0	18.5	27.7

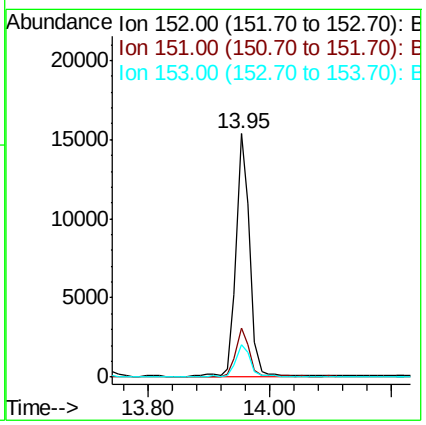


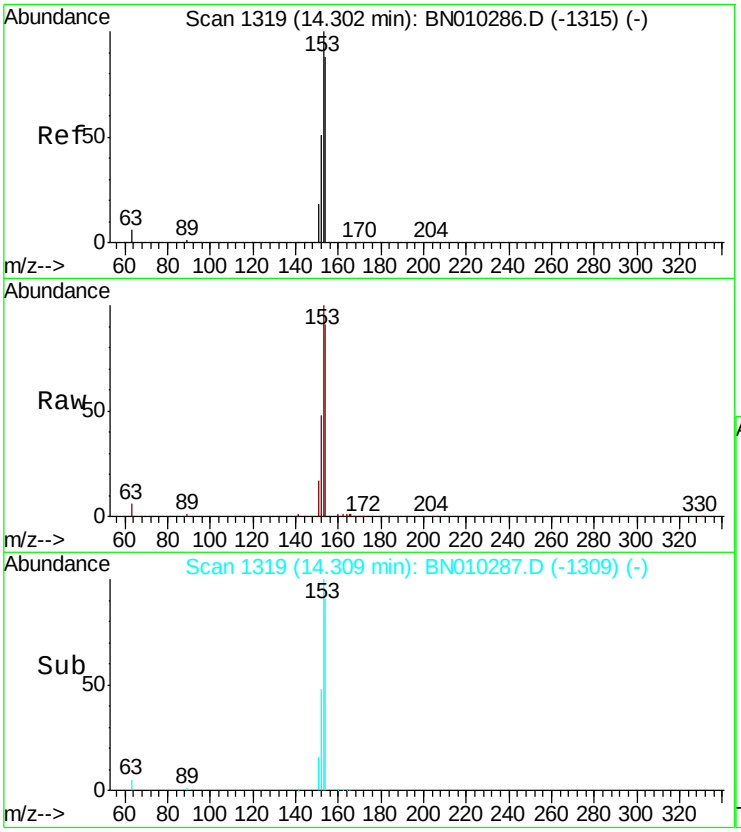


#16
Acenaphthylene
Concen: 0.626 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:152 Resp: 23629

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.6	15.8



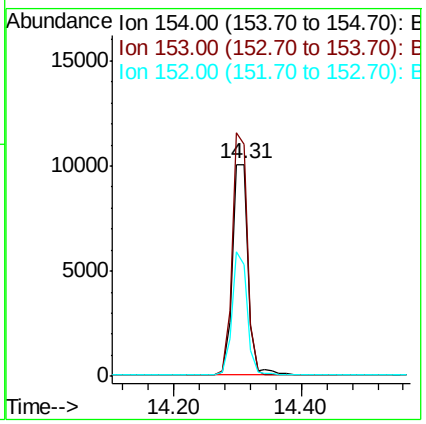


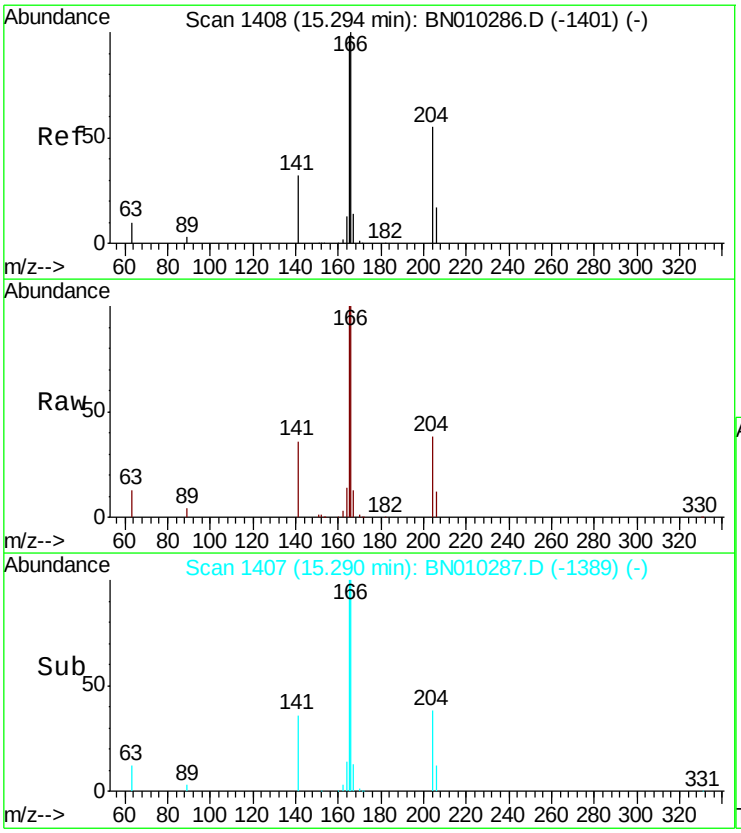
#17
Acenaphthene
Concen: 0.763 ng
RT: 14.31 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 17472

Ion	Ratio	Lower	Upper
154	100		
153	109.0	88.1	132.1
152	55.4	45.5	68.3

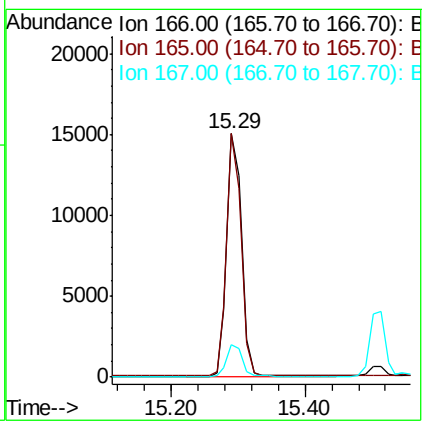


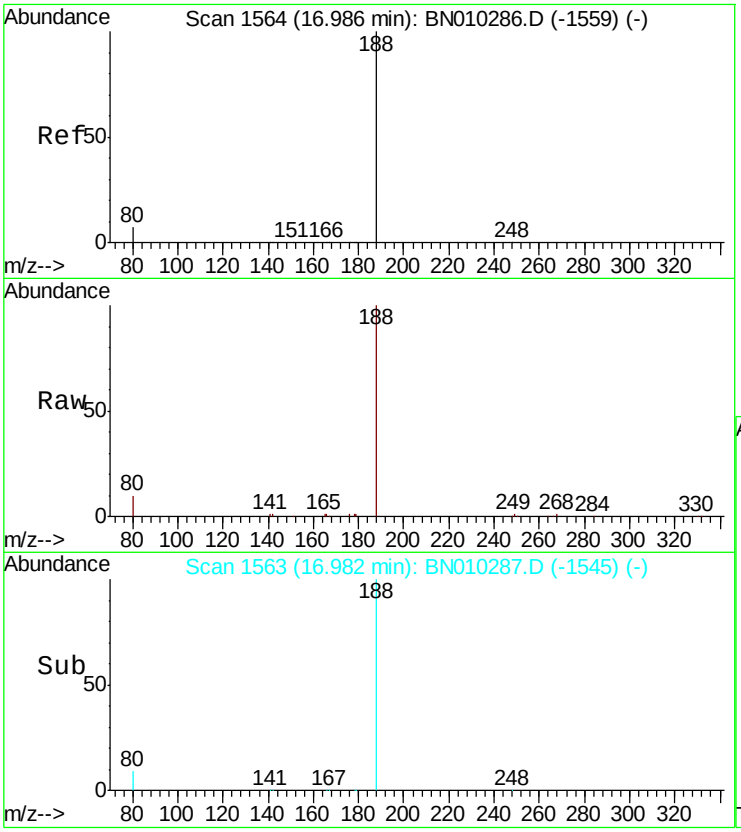


#18
Fluorene
Concen: 0.737 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:166 Resp: 23026

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.5	11.0	16.4



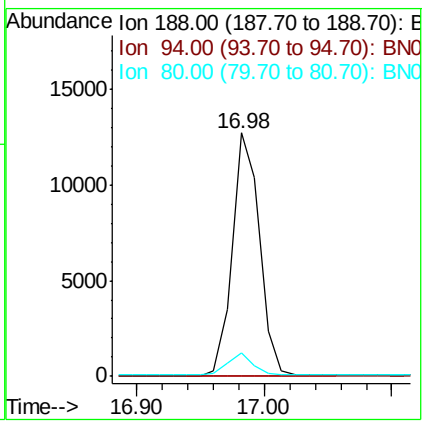


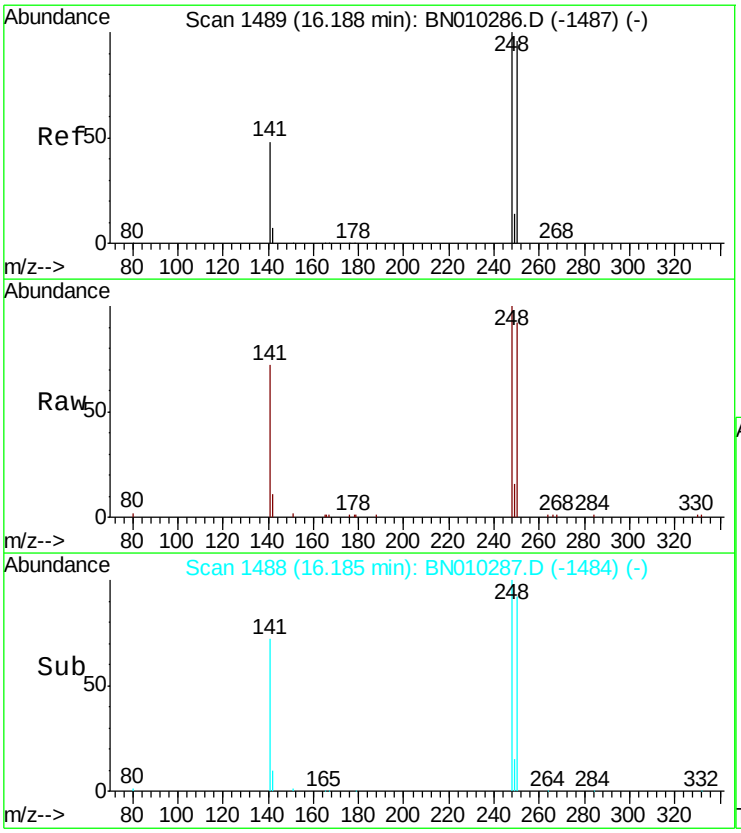
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18802

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	6.0	9.0#

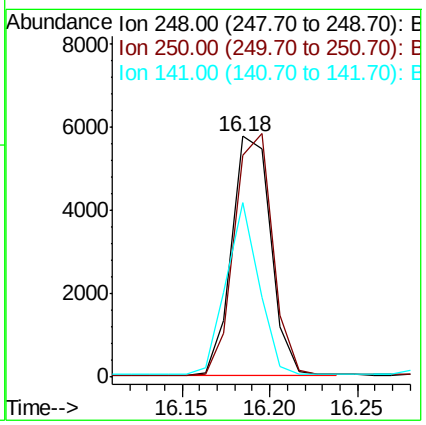


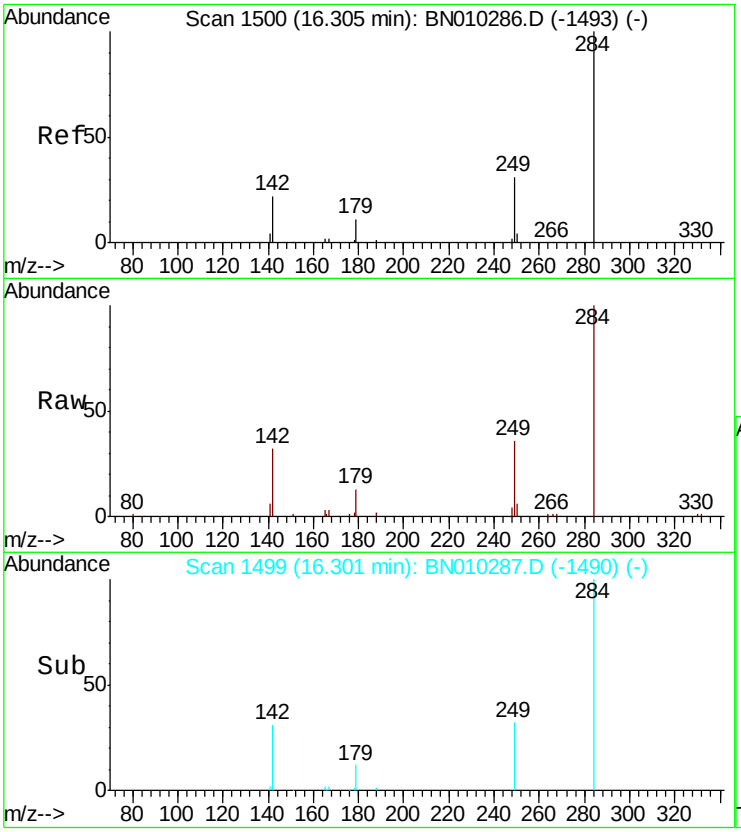


#20
4-Bromophenyl-phenylether
Concen: 0.816 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:248 Resp: 8812

Ion	Ratio	Lower	Upper
248	100		
250	92.3	76.8	115.2
141	72.5	44.4	66.6#



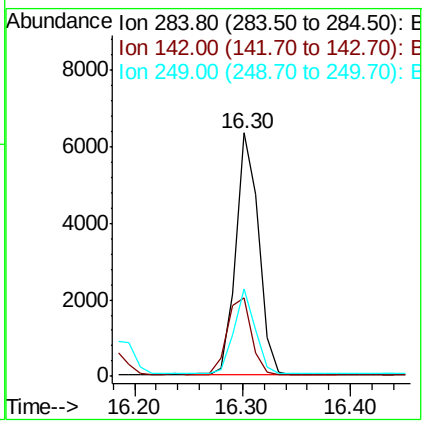


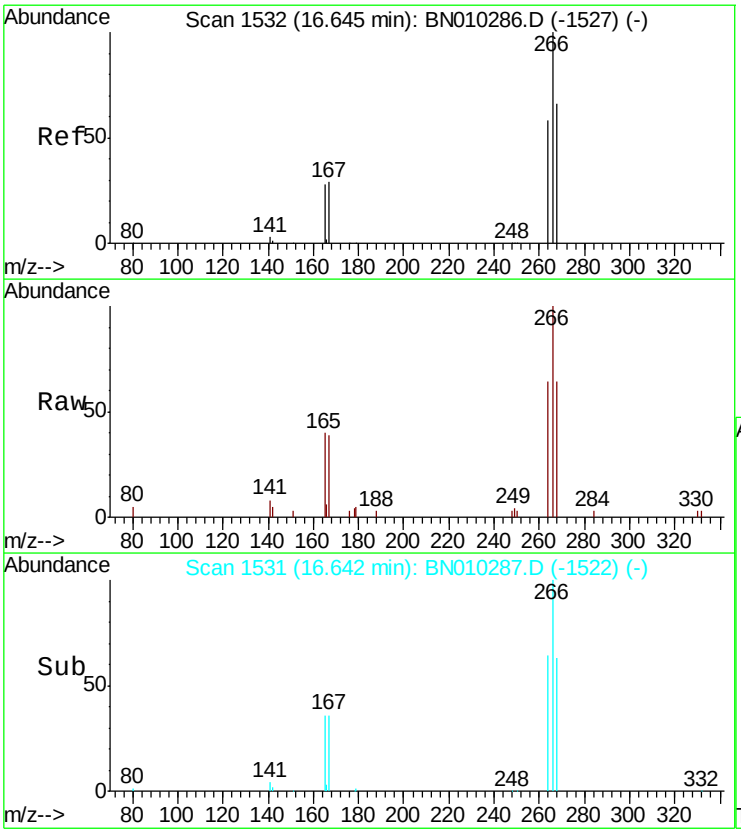
#21
Hexachlorobenzene
Concen: 0.865 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 9116

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.4	41.2
249	33.4	26.5	39.7

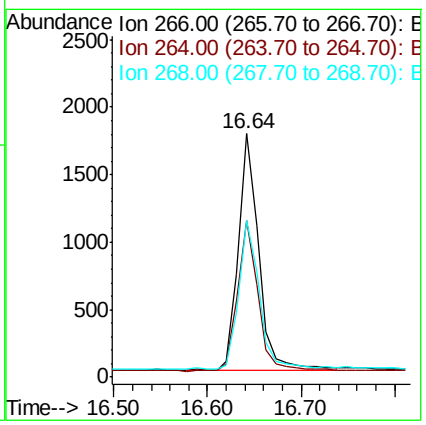


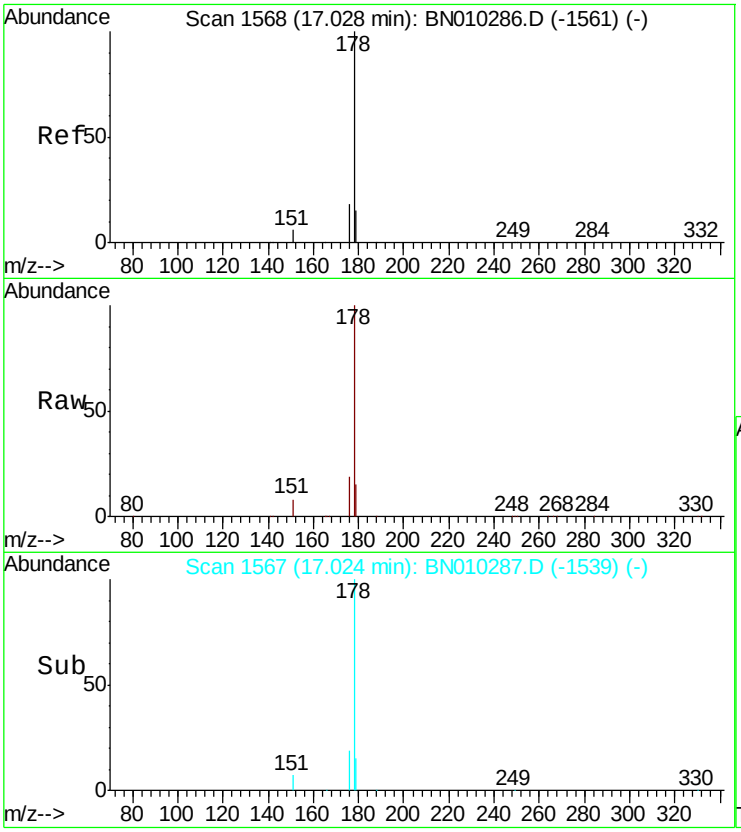


#22
Pentachlorophenol
Concen: 0.809 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:266 Resp: 2633

Ion	Ratio	Lower	Upper
266	100		
264	64.4	47.7	71.5
268	64.4	54.9	82.3



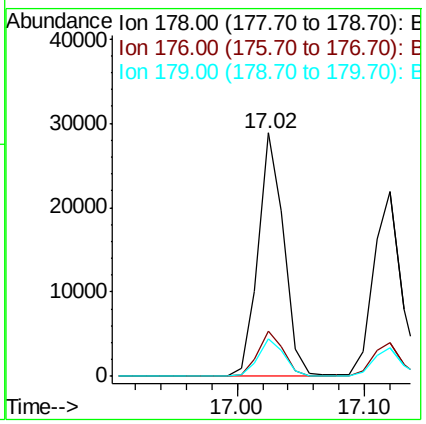


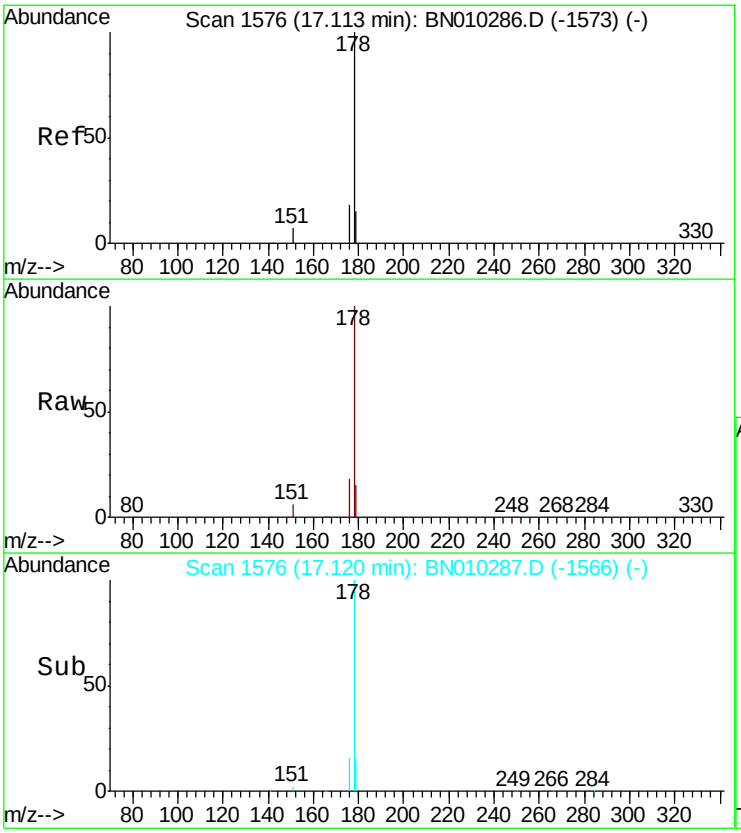
#23
Phenanthrene
Concen: 0.804 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 40104

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.4	18.6

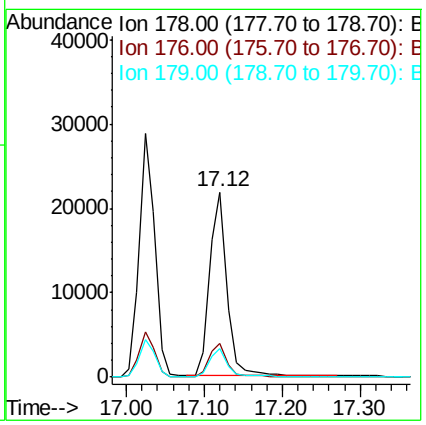


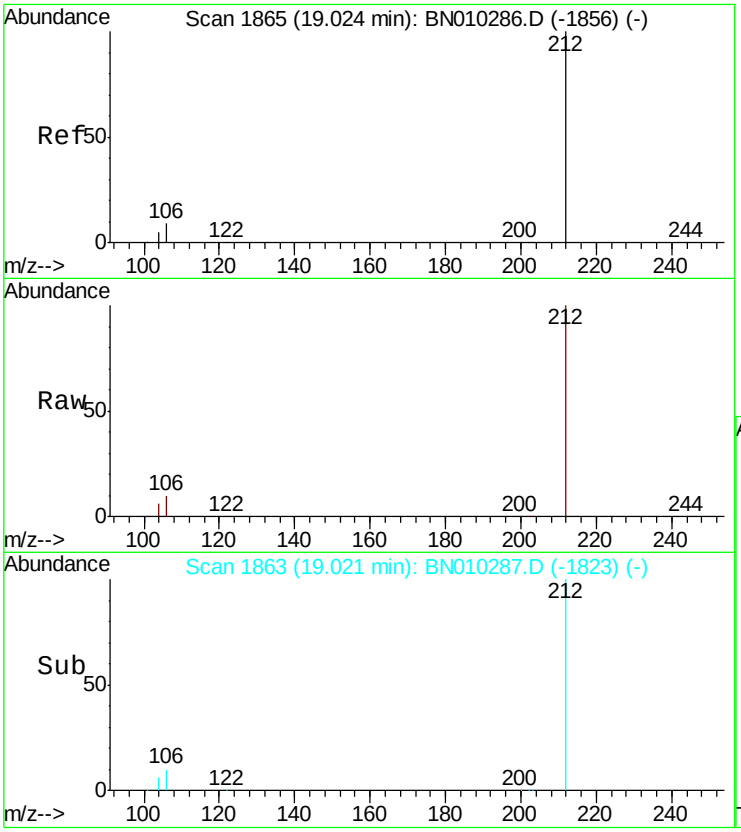


#24
Anthracene
Concen: 0.674 ng
RT: 17.12 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:178 Resp: 33479

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.3	18.5



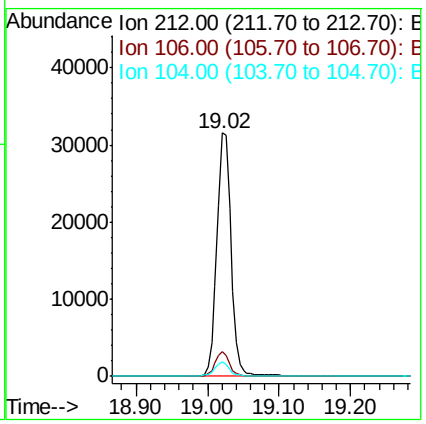


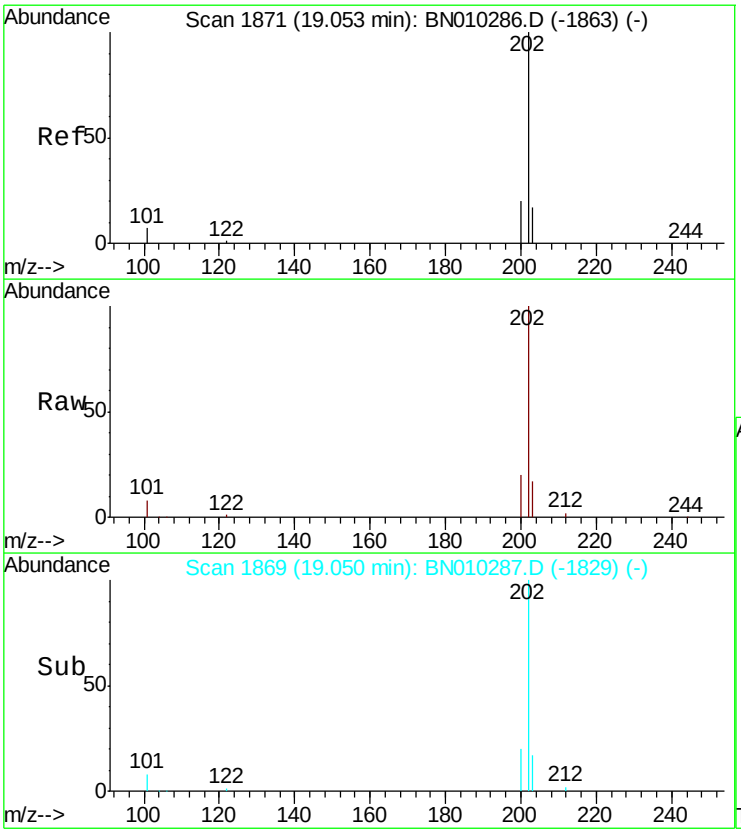
#25
Fluoranthene-d10
Concen: 0.739 ng
RT: 19.02 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 42923

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.4	11.2
104	5.4	4.2	6.4

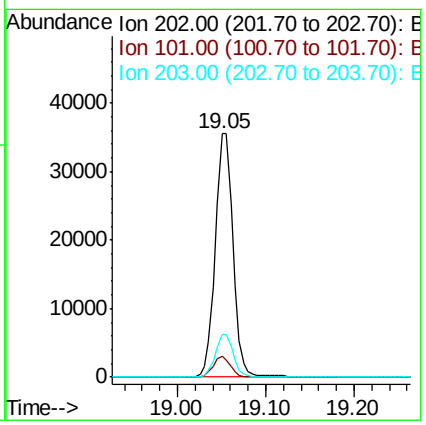


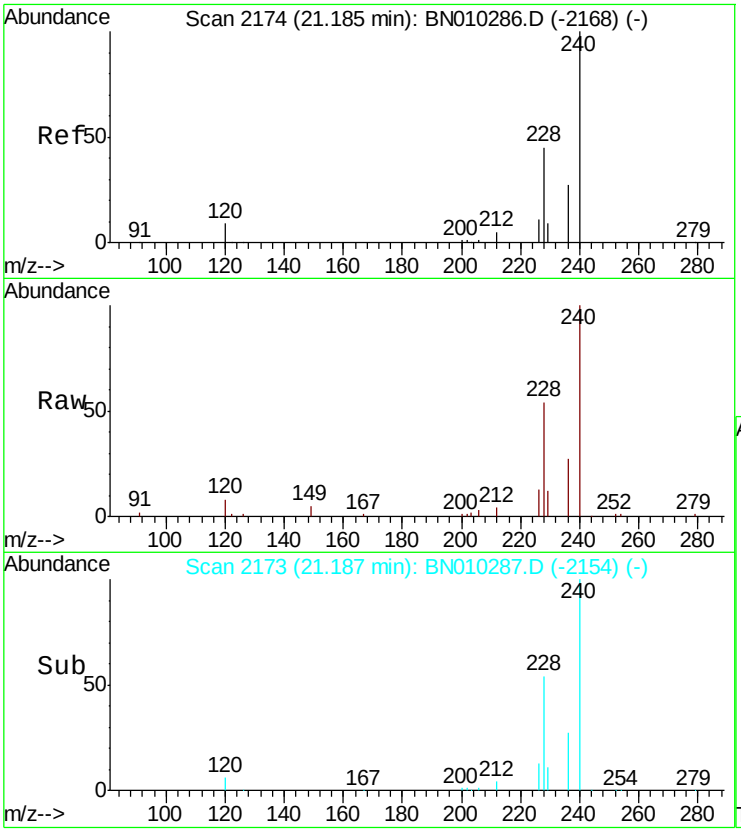


#26
Fluoranthene
Concen: 0.773 ng
RT: 19.05 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:202 Resp: 48819

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.3	13.8	20.8



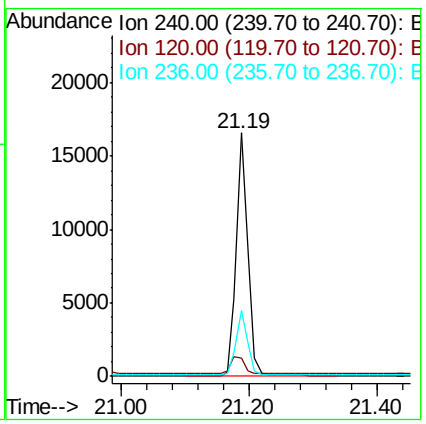


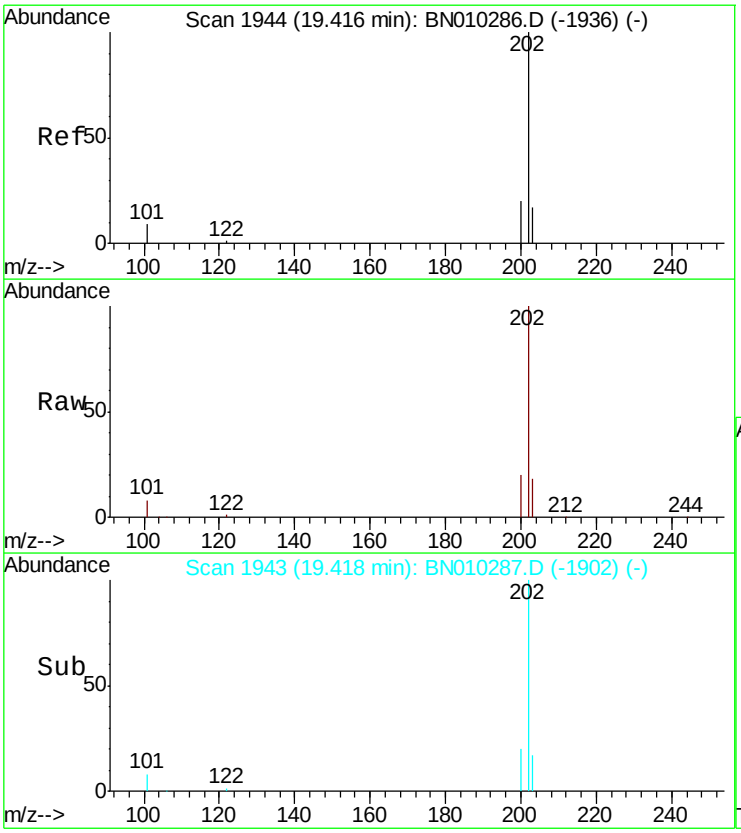
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20665

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.9	11.9#
236	27.0	22.2	33.4

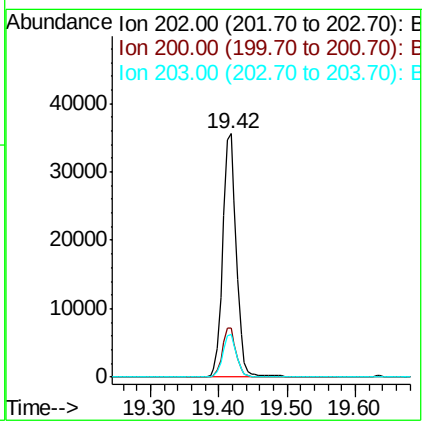


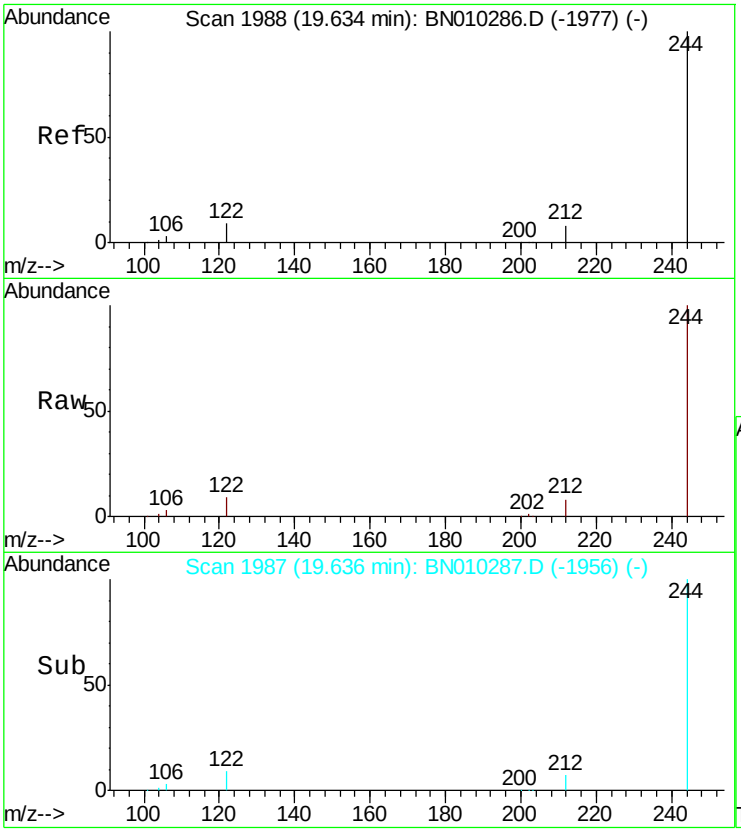


#28
Pyrene
Concen: 0.701 ng
RT: 19.42 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:202 Resp: 48379

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.5	14.2	21.2



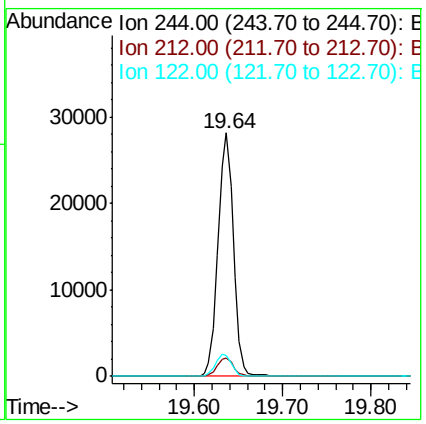


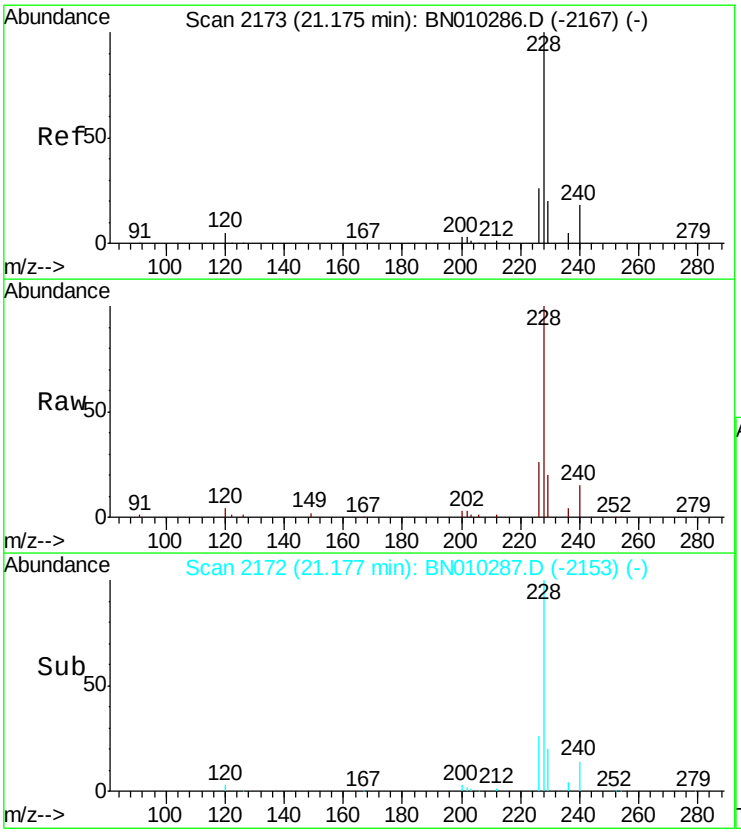
#29
Terphenyl-d14
Concen: 0.716 ng
RT: 19.64 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 33754

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.8	7.6	11.4

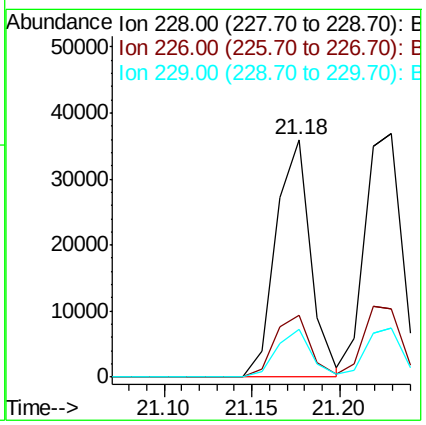


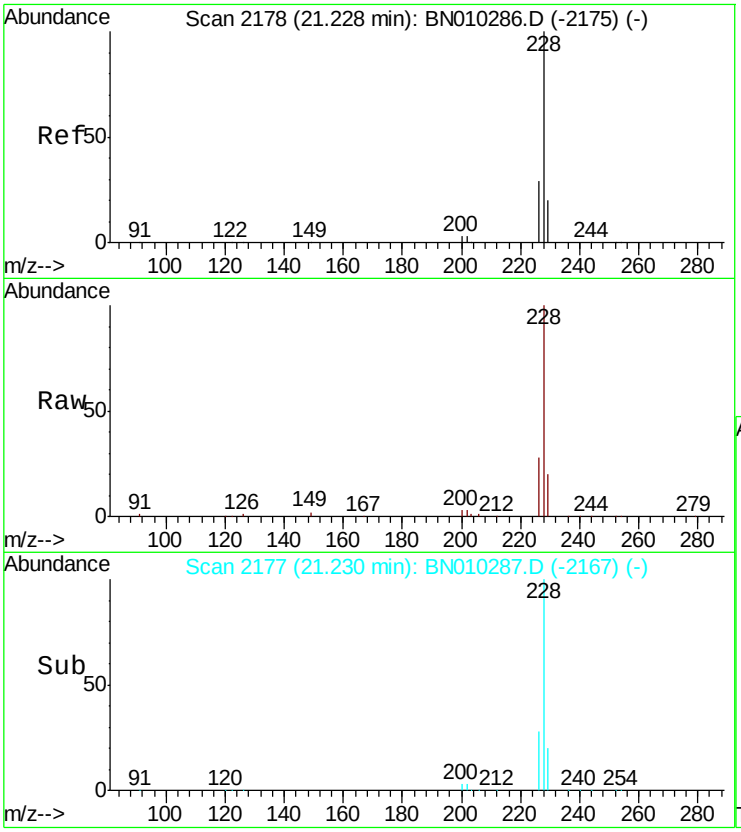


#30
Benzo(a)anthracene
Concen: 0.702 ng
RT: 21.18 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:228 Resp: 49320

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.9	16.0	24.0



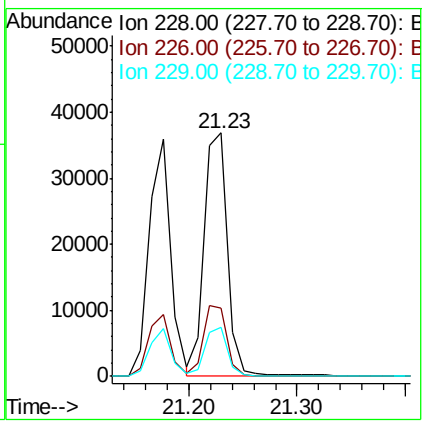


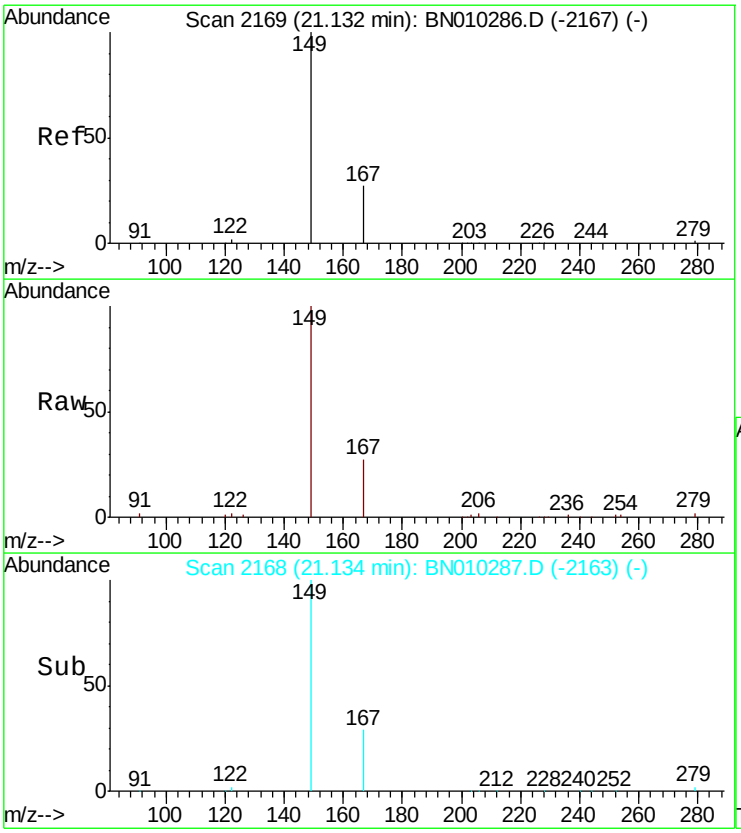
#31
Chrysene
Concen: 0.785 ng
RT: 21.23 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 54284

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	20.0	16.0	24.0

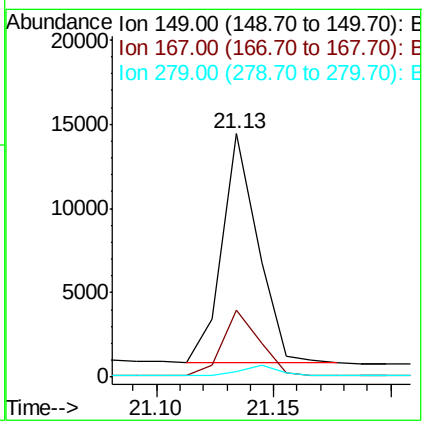


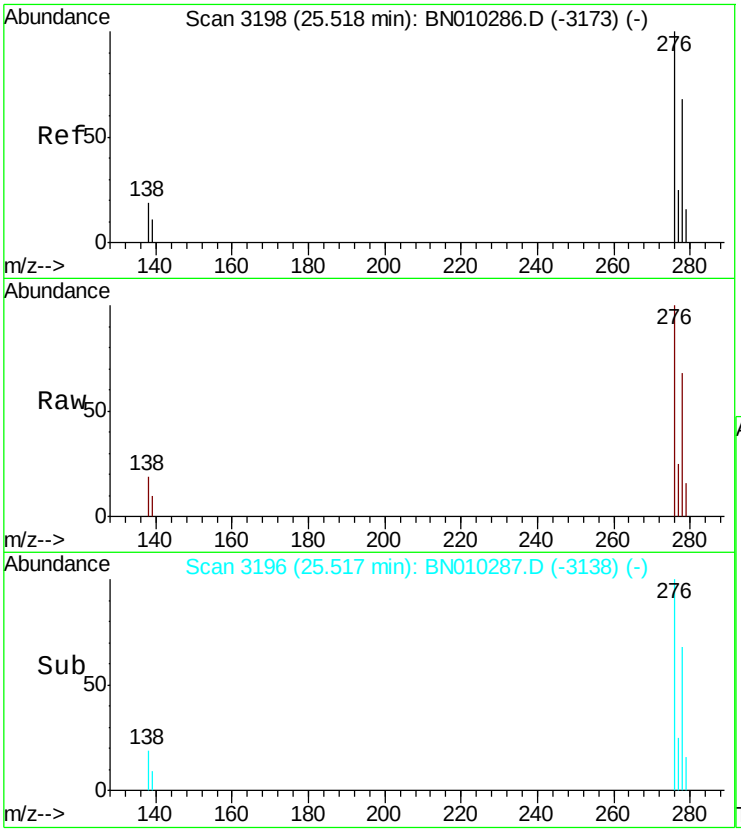


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.479 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:149 Resp: 14323

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.0	34.6
279	4.7	3.8	5.8



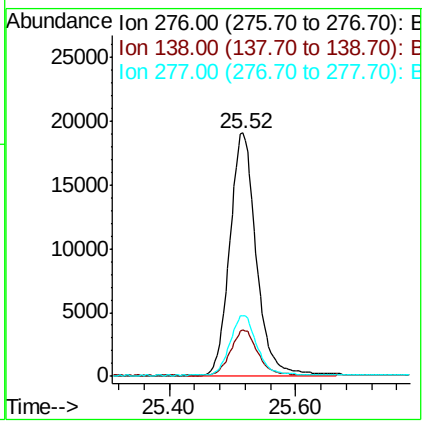


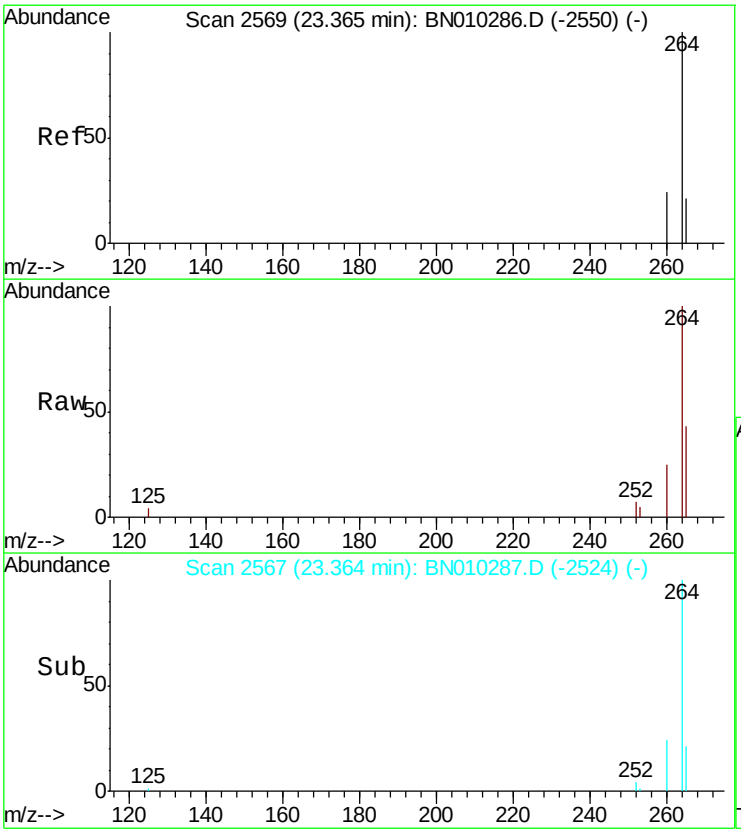
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.674 ng
RT: 25.52 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 55323

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.6	23.4
277	24.8	20.1	30.1

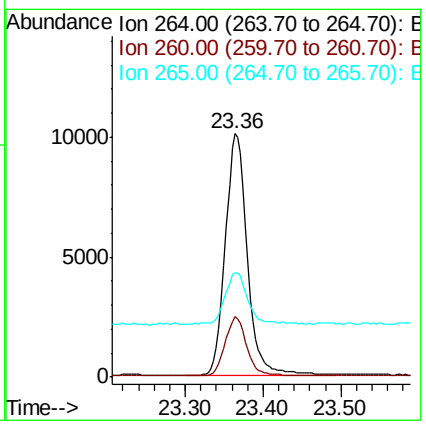


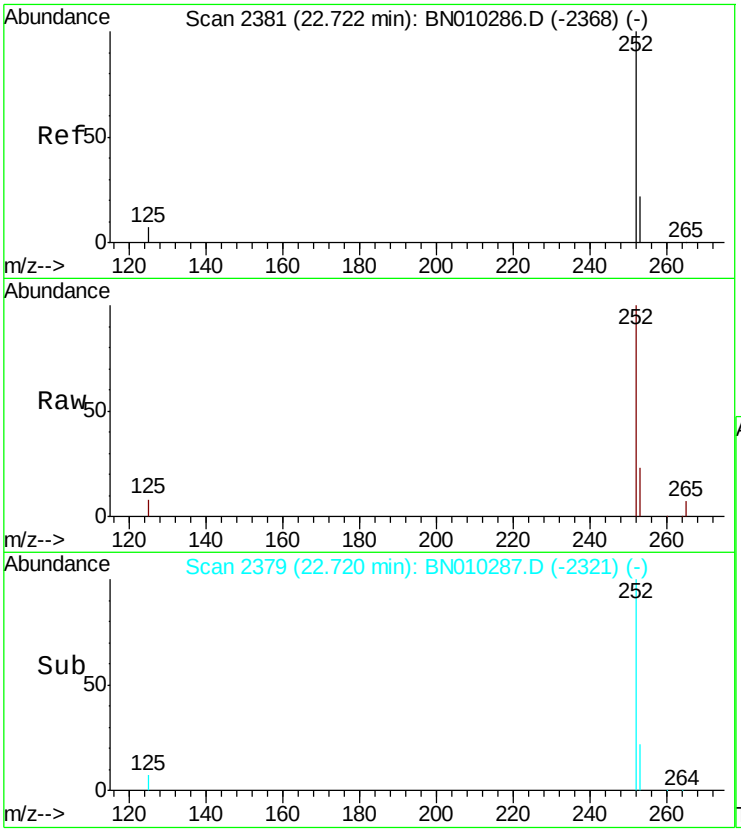


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:264 Resp: 19762

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	42.7	32.4	48.6



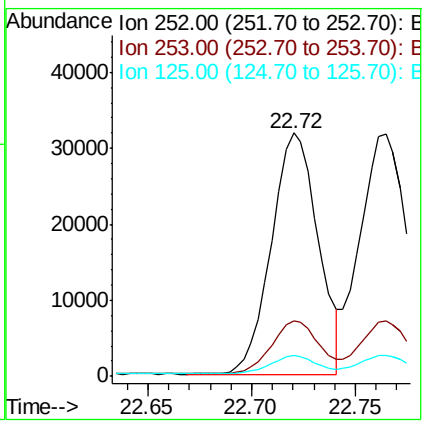


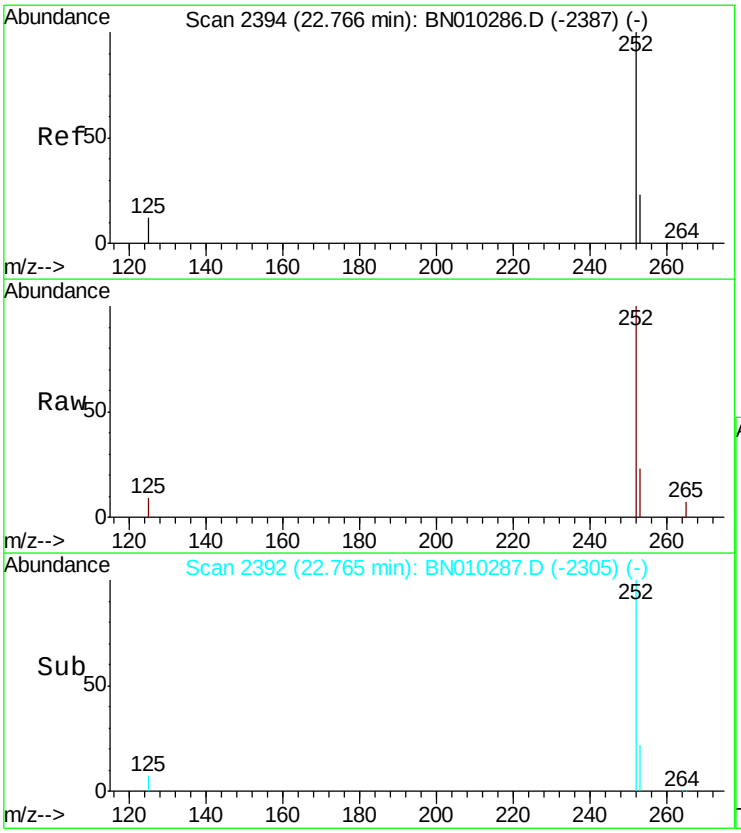
#35
Benzo(b)fluoranthene
Concen: 0.814 ng
RT: 22.72 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 49469

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	8.4	7.4	11.0

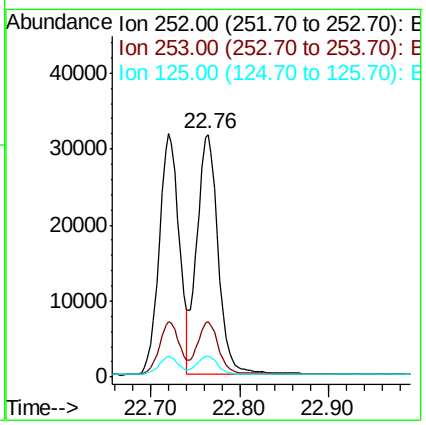


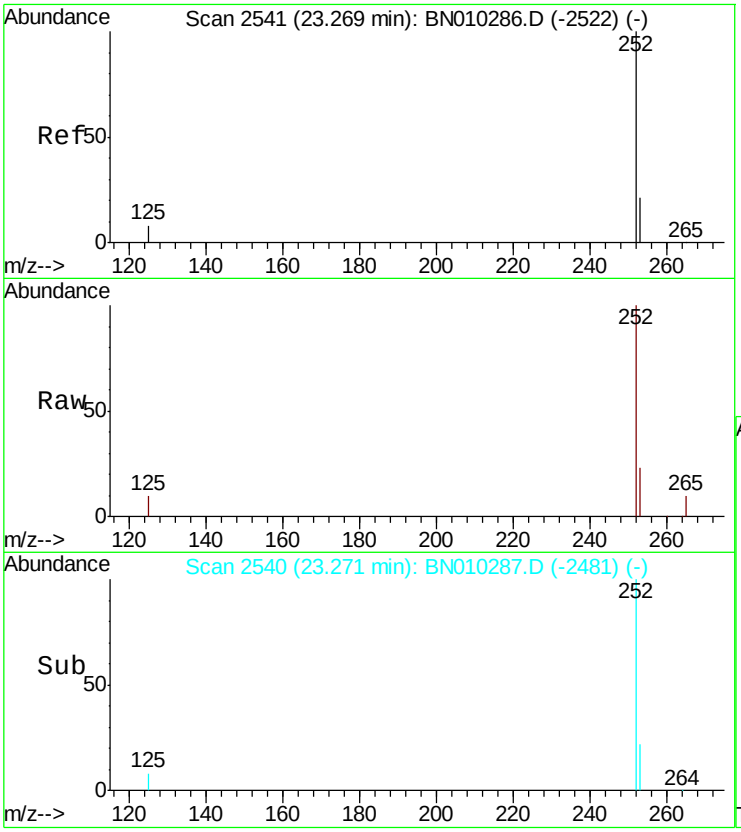


#36
Benzo(k)fluoranthene
Concen: 0.857 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:252 Resp: 52630

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	8.6	10.2	15.2#



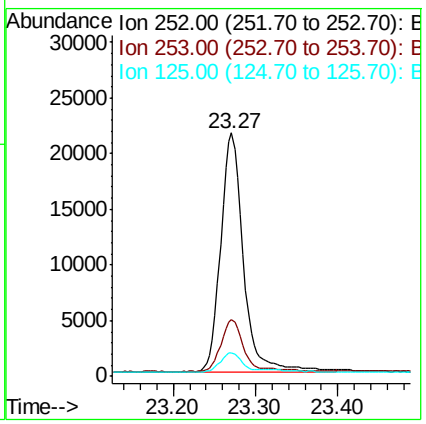


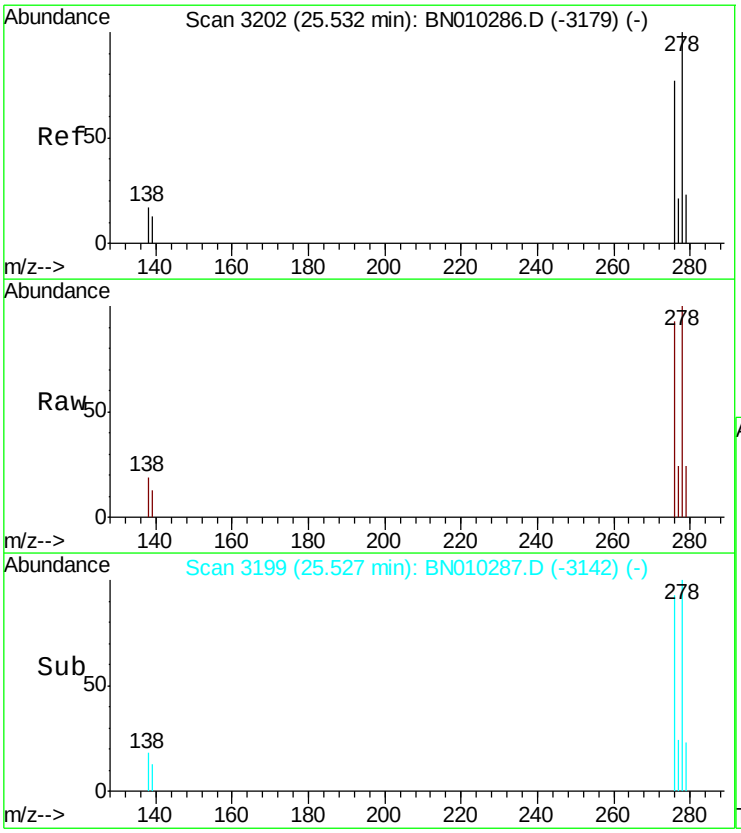
#37
Benzo(a)pyrene
Concen: 0.734 ng
RT: 23.27 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 42083

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	9.5	8.9	13.3

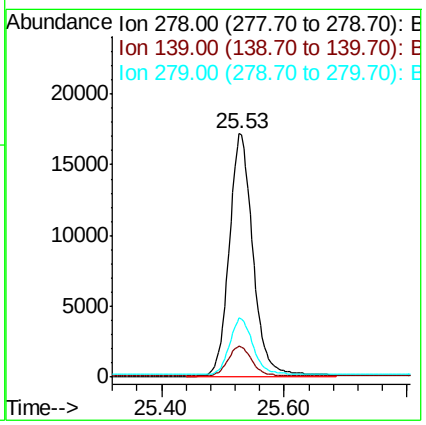


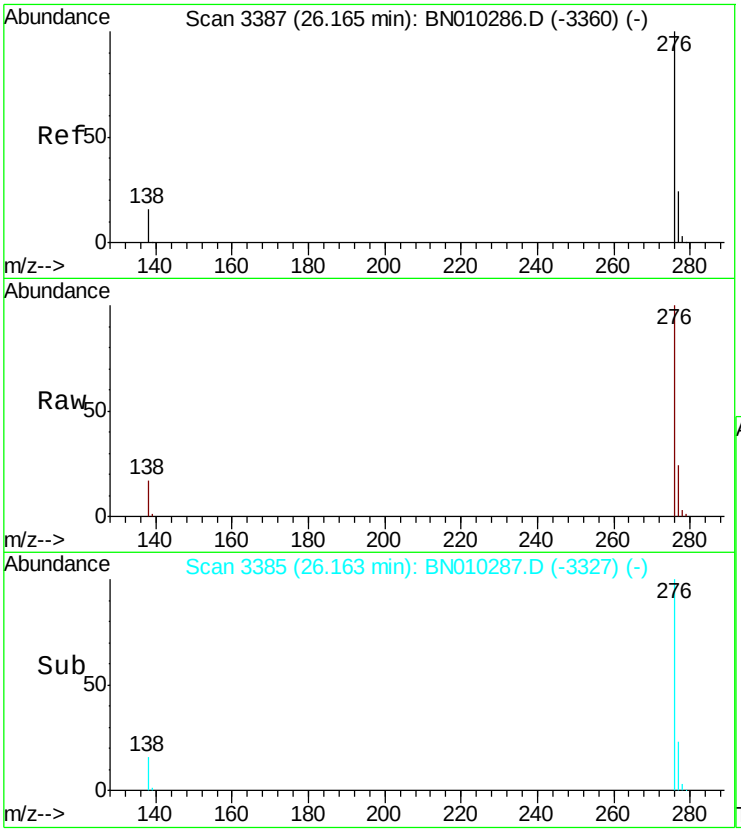


#38
Dibenzo(a,h)anthracene
Concen: 0.799 ng
RT: 25.53 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:278 Resp: 45969

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	24.2	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.810 ng
RT: 26.16 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 46502

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.6	13.3	19.9