Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010674.D
Acq On : 30 Apr 2020 15:02
Operator : CG/JU
Sample : PB128575BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128575BSD

Quant Time: Apr 30 15:39:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2857	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	11802	0.40	ng		0.01
13) Acenaphthene-d10	14.20	164	7555	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	16207	0.40	ng		0.00
27) Chrysene-d12	21.16	240	12211	0.40	ng		0.00
34) Perylene-d12	23.33	264	10652	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1988	0.32	ng		0.00
5) Phenol-d6	6.78	99	2447	0.30	ng		0.00
8) Nitrobenzene-d5	8.72	82	2596	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	9815	0.51	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	749	0.21	ng		0.01
15) 2-Fluorobiphenyl	12.83	172	8603	0.31	ng		0.01
25) Fluoranthene-d10	19.00	212	12238	0.25	ng		0.00
29) Terphenyl-d14	19.61	244	9239	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	701	0.333	ng	#	83
3) n-Nitrosodimethylamine	3.55	42	560	0.411	ng	#	84
6) bis(2-Chloroethyl)ether	7.03	93	3039	0.429	ng		99
9) Naphthalene	10.38	128	12524	0.427	ng		99
10) Hexachlorobutadiene	10.68	225	2681	0.380	ng	#	99
12) 2-Methylnaphthalene	12.01	142	9094	0.432	ng		99
16) Acenaphthylene	13.92	152	12700	0.389	ng		100
17) Acenaphthene	14.27	154	8565	0.408	ng		99
18) Fluorene	15.26	166	11466	0.417	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	3600	0.400	ng	#	78
21) Hexachlorobenzene	16.27	284	4350	0.423	ng		97
22) Pentachlorophenol	16.62	266	2922	0.723	ng		98
23) Phenanthrene	17.00	178	18300	0.418	ng		99
24) Anthracene	17.09	178	15137	0.378	ng		100
26) Fluoranthene	19.03	202	19174	0.352	ng		100
28) Pyrene	19.39	202	18865	0.459	ng		99
30) Benzo(a)anthracene	21.15	228	14216	0.357	ng		98
31) Chrysene	21.20	228	16418	0.414	ng		100
32) Bis(2-ethylhexyl)phthalate	21.10	149	6347	0.311	ng		98
33) Indeno(1,2,3-cd)pyrene	25.47	276	15805	0.450	ng		99
35) Benzo(b)fluoranthene	22.69	252	14428	0.411	ng		95
36) Benzo(k)fluoranthene	22.73	252	15665	0.446	ng		96
37) Benzo(a)pyrene	23.24	252	12962	0.418	ng	#	93
38) Dibenzo(a,h)anthracene	25.49	278	12959	0.457	ng		96
39) Benzo(g,h,i)perylene	26.11	276	14259	0.499	ng		99

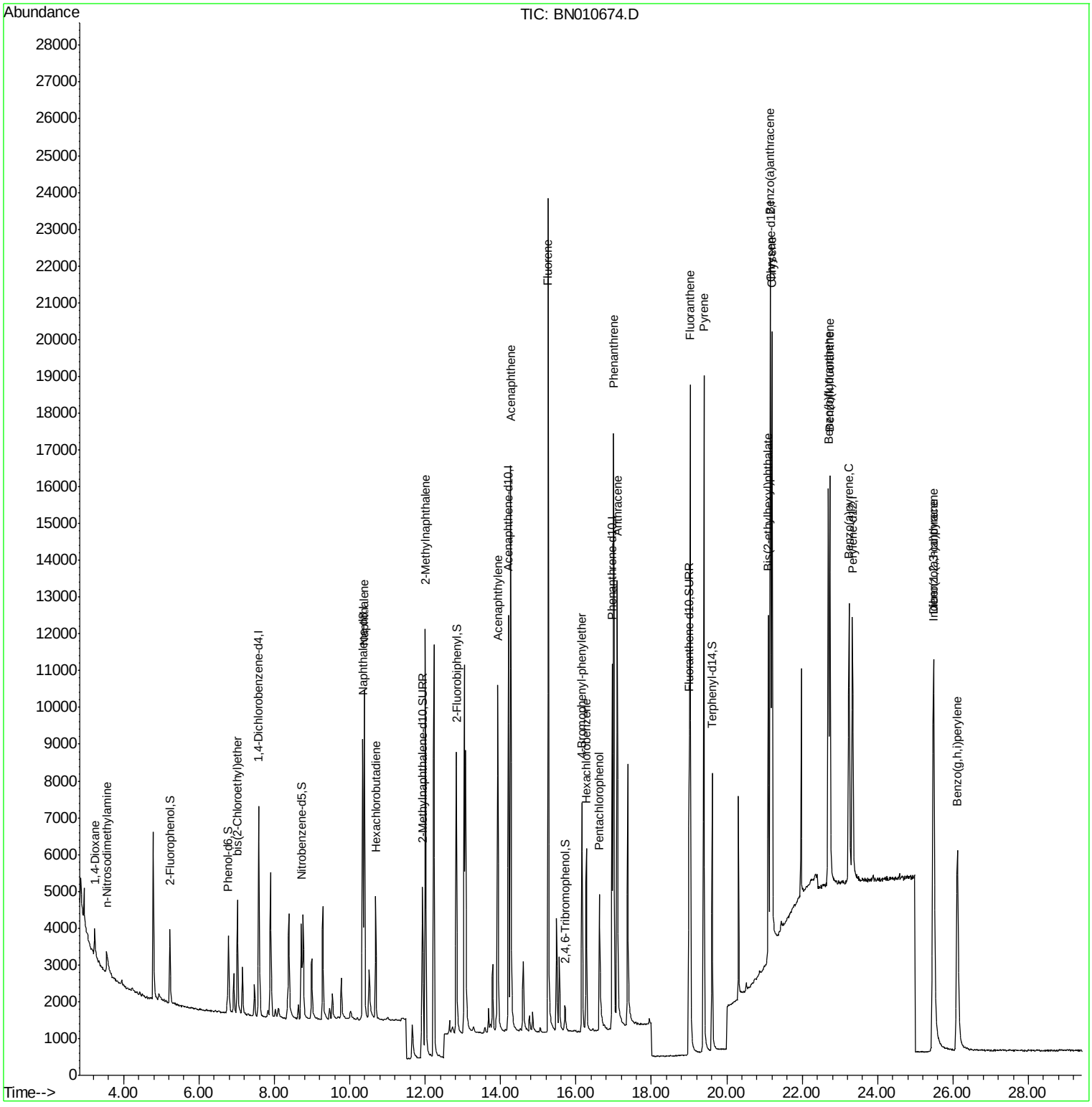
(#) = qualifier out of range (m) = manual integration (+) = signals summed

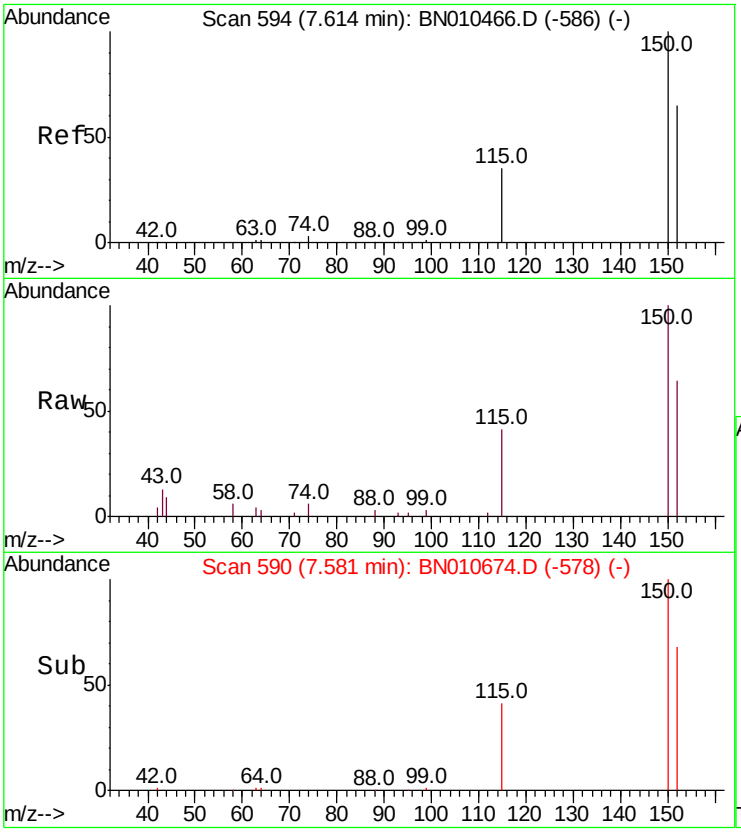
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010674.D
Acq On : 30 Apr 2020 15:02
Operator : CG/JU
Sample : PB128575BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128575BSD

Quant Time: Apr 30 15:39:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration



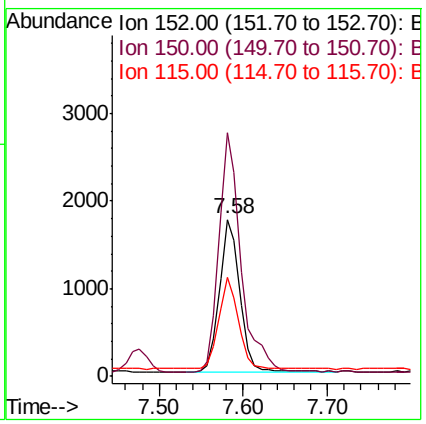


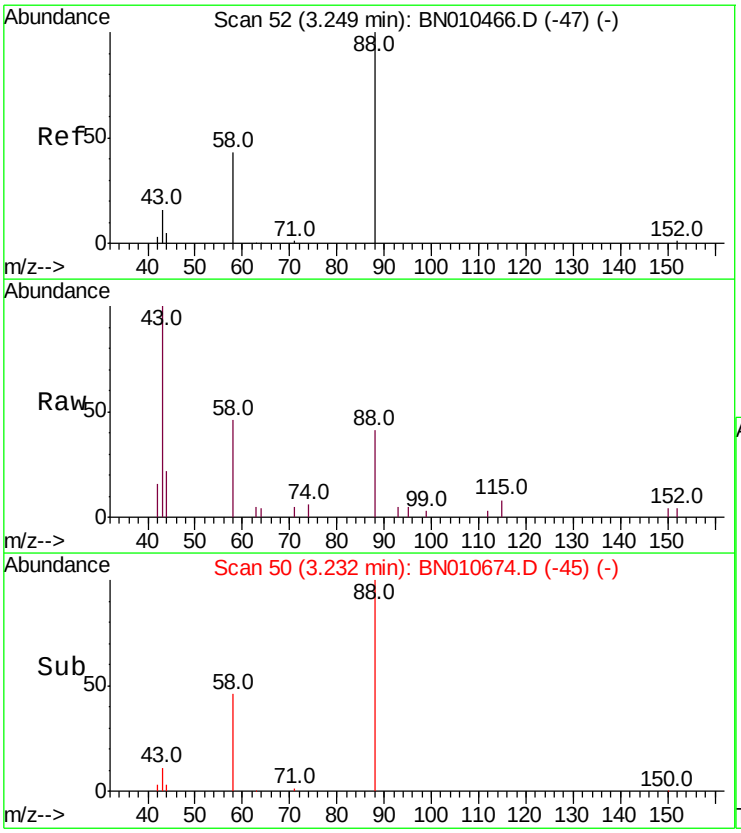
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:152 Resp: 2857

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.8	182.6
115	62.8	45.5	68.3

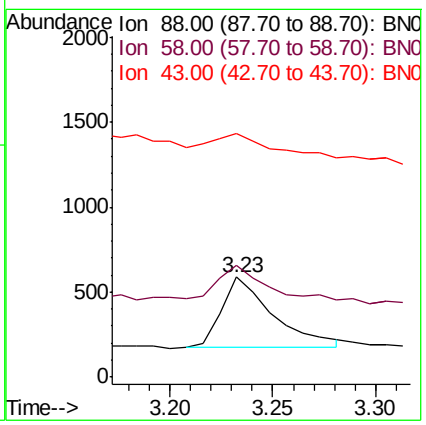


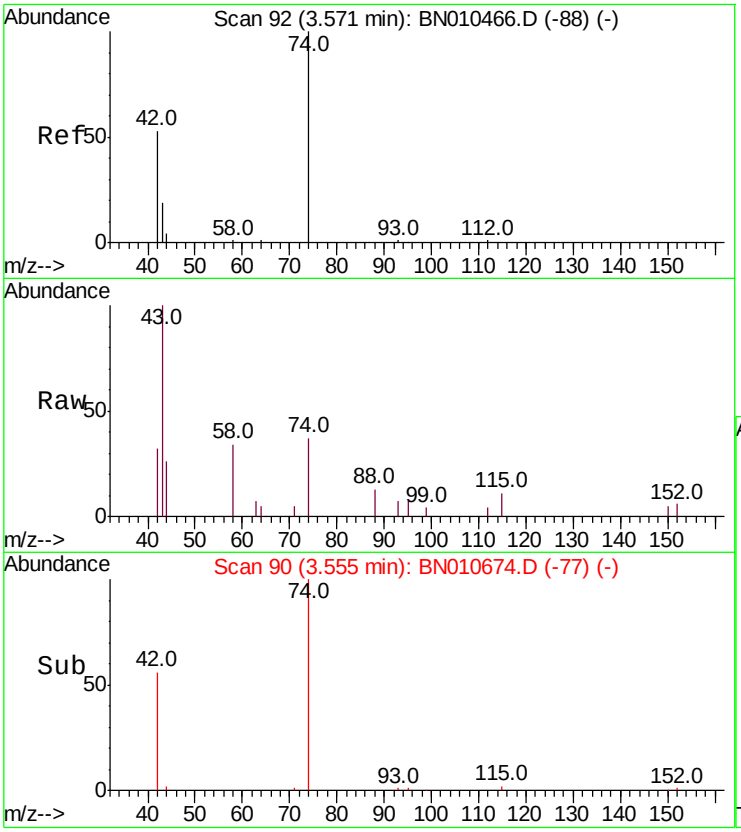


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion: 88 Resp: 701

Ion	Ratio	Lower	Upper
88	100		
58	42.5	36.5	54.7
43	38.9	13.2	19.8#



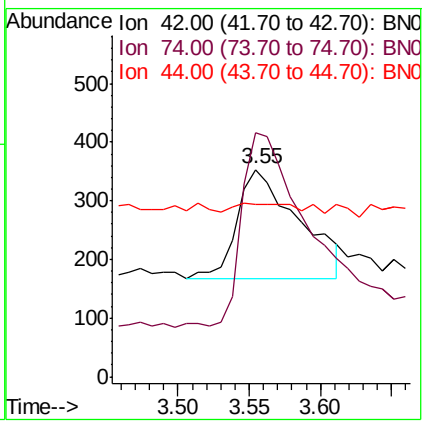


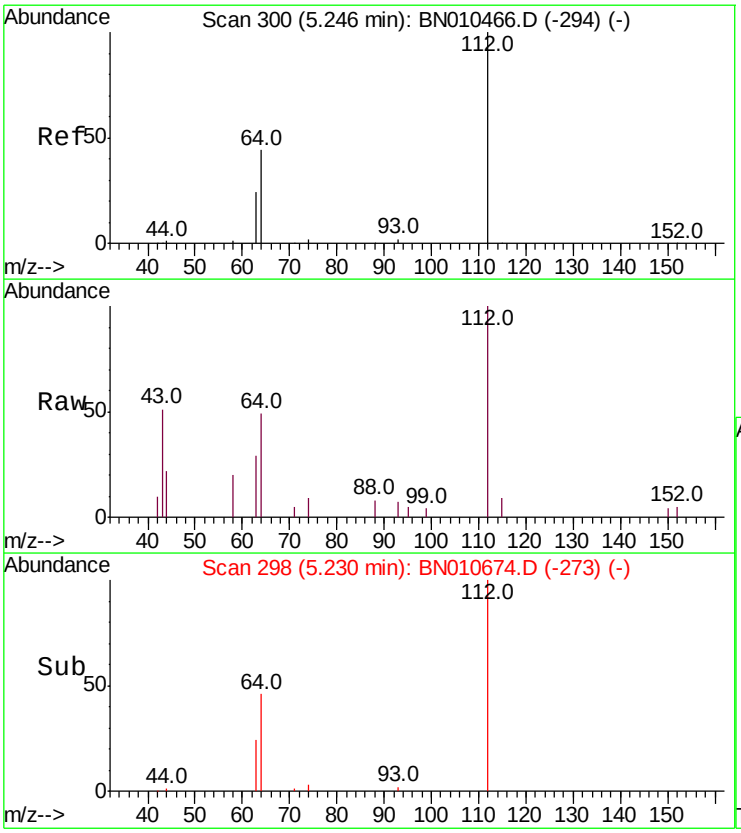
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion: 42 Resp: 560

Ion	Ratio	Lower	Upper
42	100		
74	178.6	162.2	243.4
44	7.0	2.4	3.6#

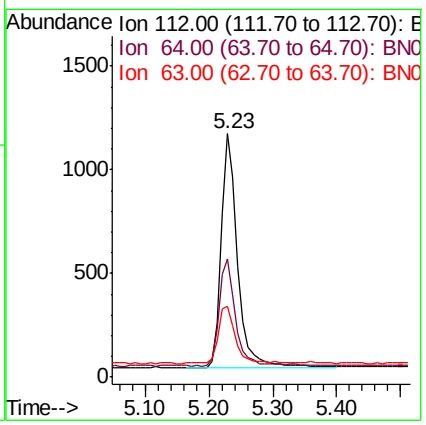


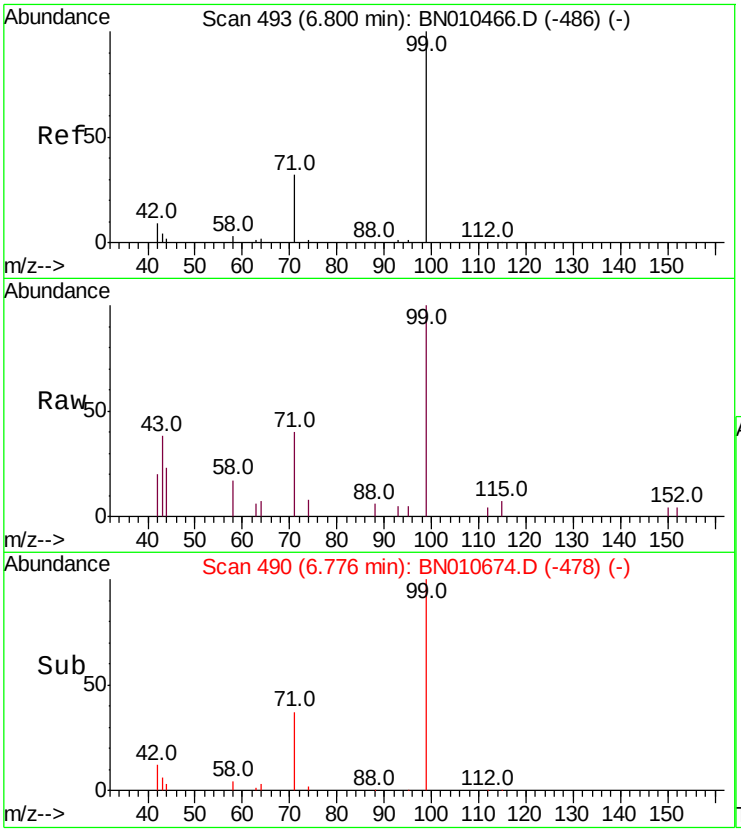


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:112 Resp: 1988

Ion	Ratio	Lower	Upper
112	100		
64	46.9	35.8	53.8
63	25.1	19.9	29.9



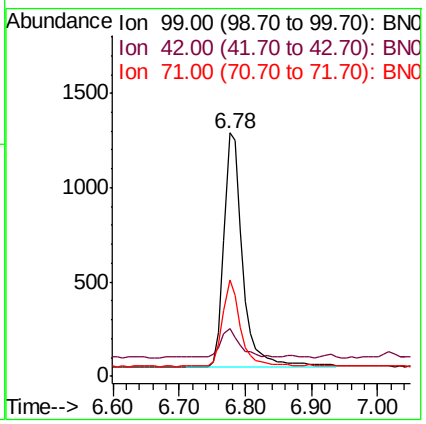


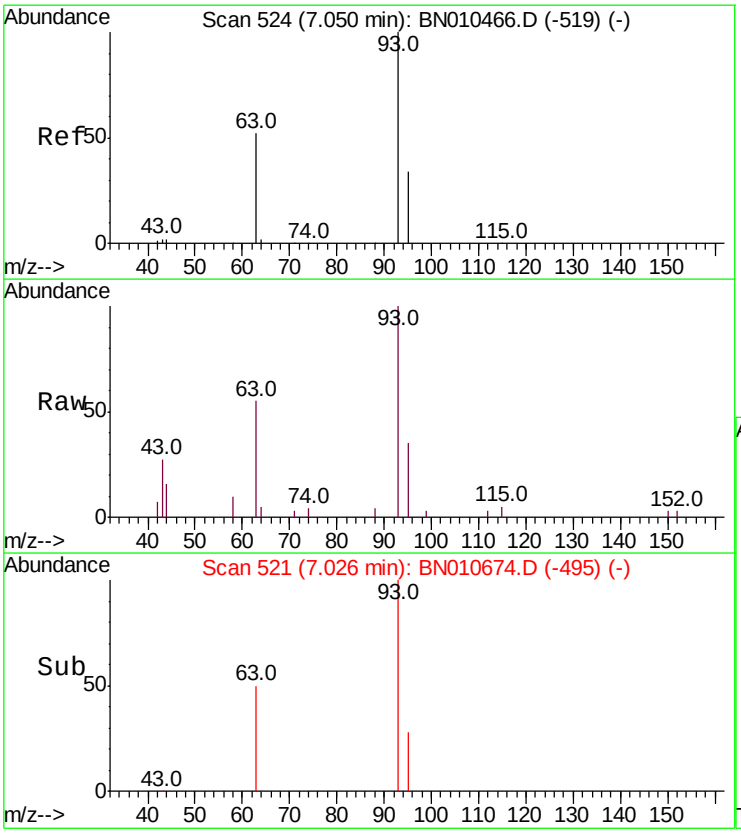
#5
Phenol-d6
Concen: 0.299 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion: 99 Resp: 2447

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.8	14.6
71	35.1	27.8	41.8

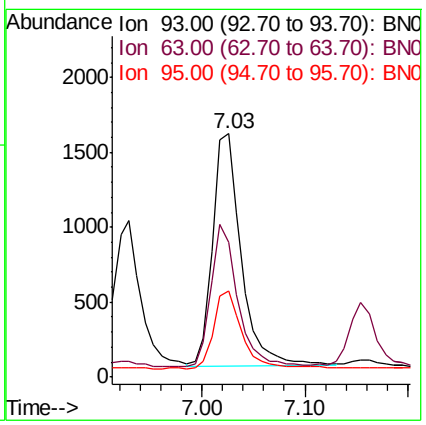


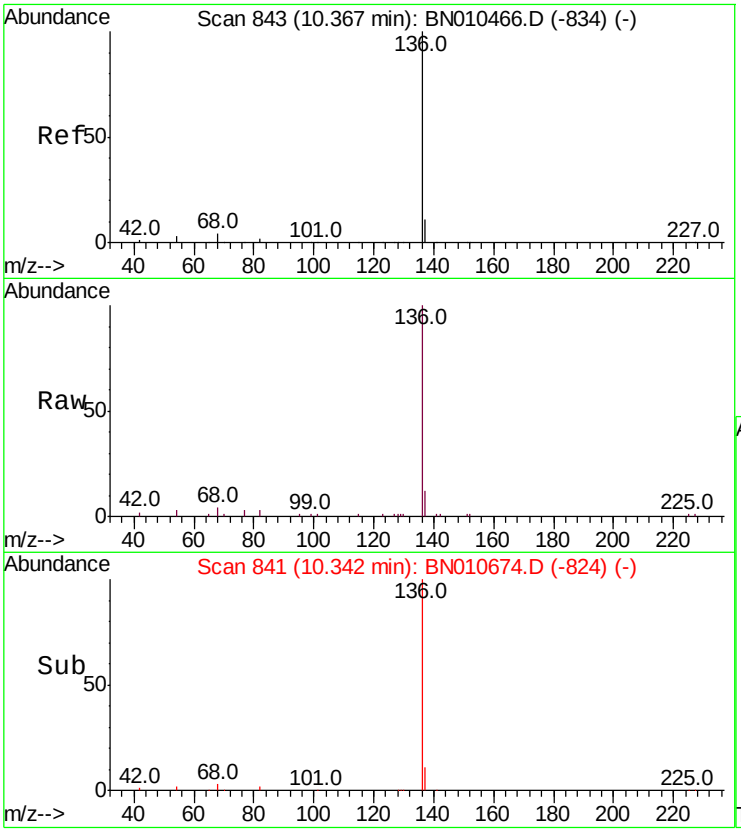


#6
bis(2-Chloroethyl)ether
Concen: 0.429 ng
RT: 7.03 min Scan# 521
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion: 93 Resp: 3039

Ion	Ratio	Lower	Upper
93	100		
63	56.9	44.6	66.8
95	33.2	26.5	39.7



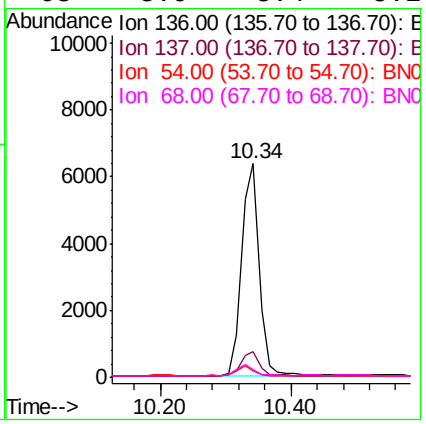


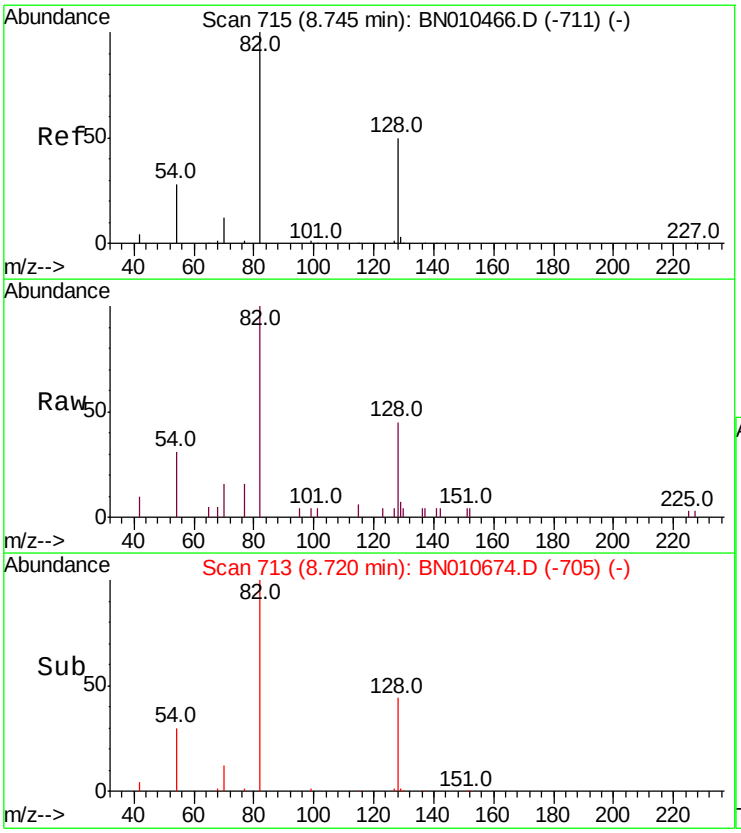
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:136 Resp: 11802

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	3.1	2.6	4.0
68	3.9	3.4	5.2

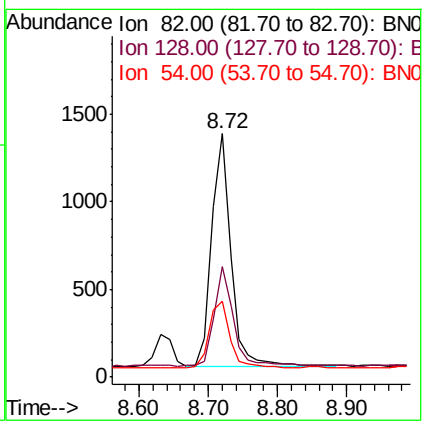


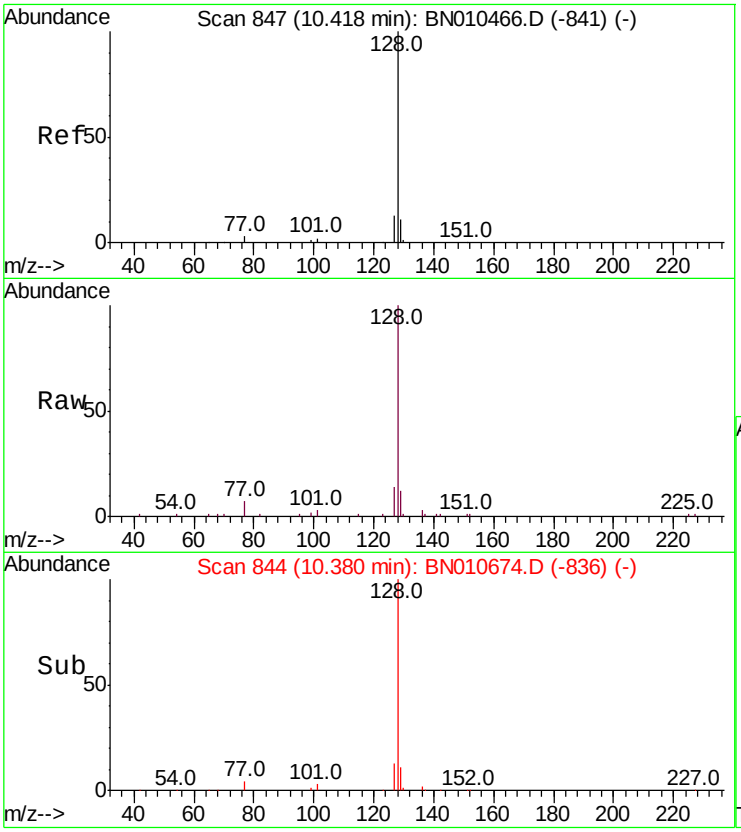


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion: 82 Resp: 2596

Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.3	61.9
54	31.2	23.4	35.0



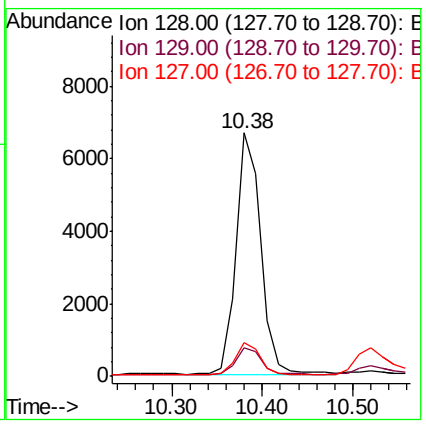


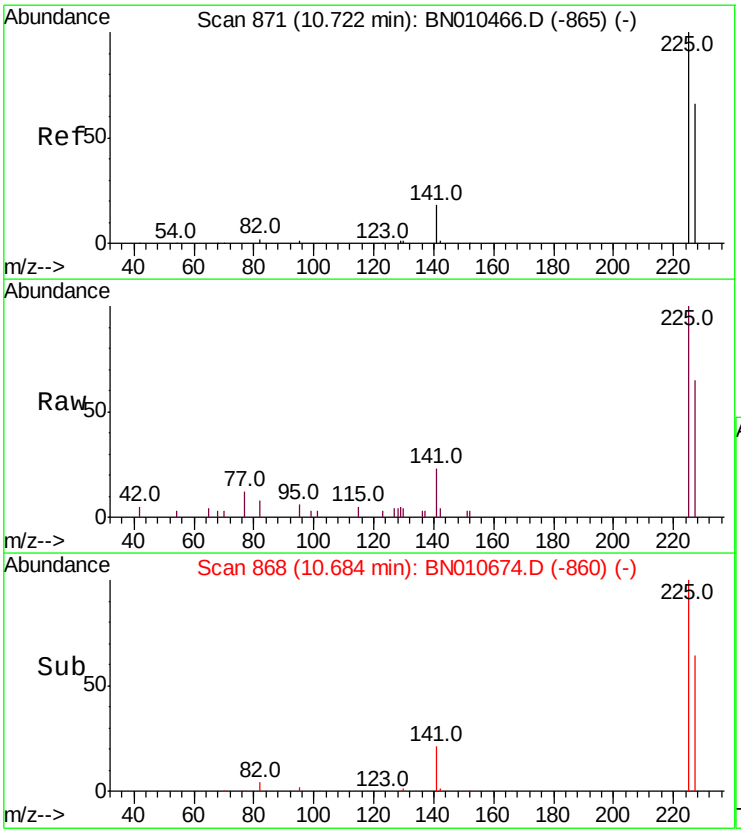
#9
Naphthalene
Concen: 0.427 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:128 Resp: 12524

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.1	10.5	15.7

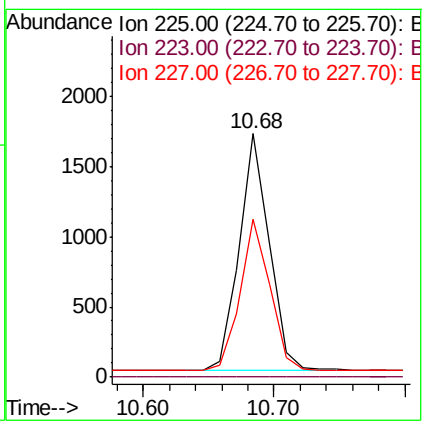


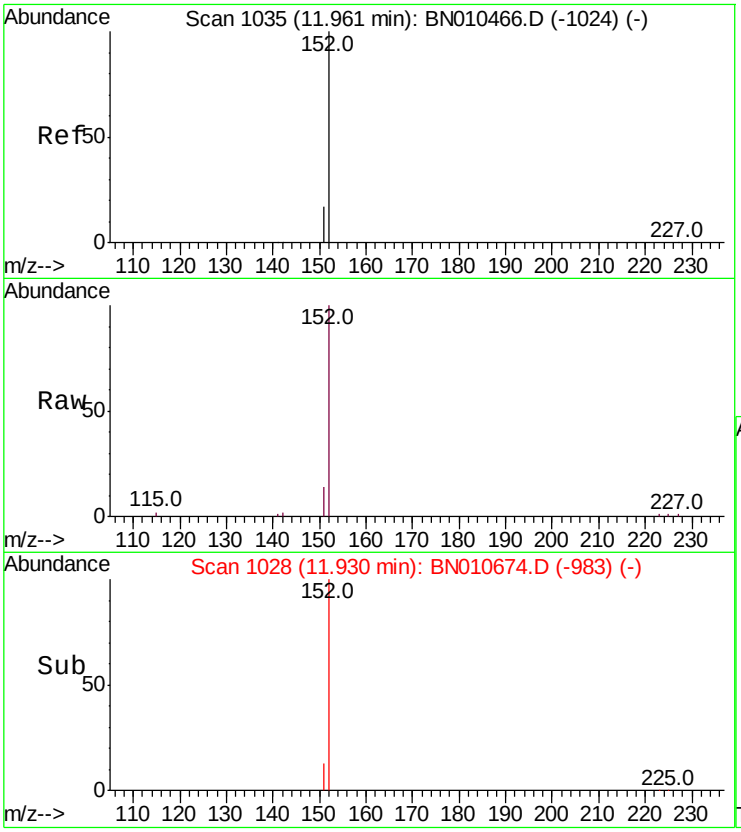


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:225 Resp: 2681

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.6	76.0



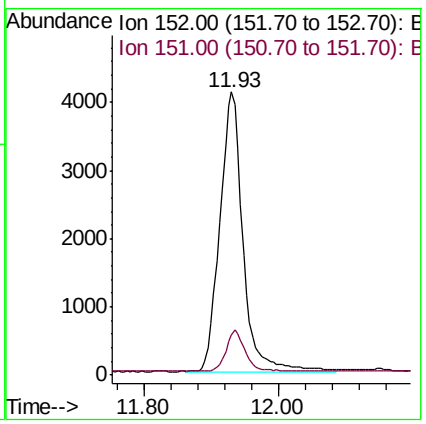


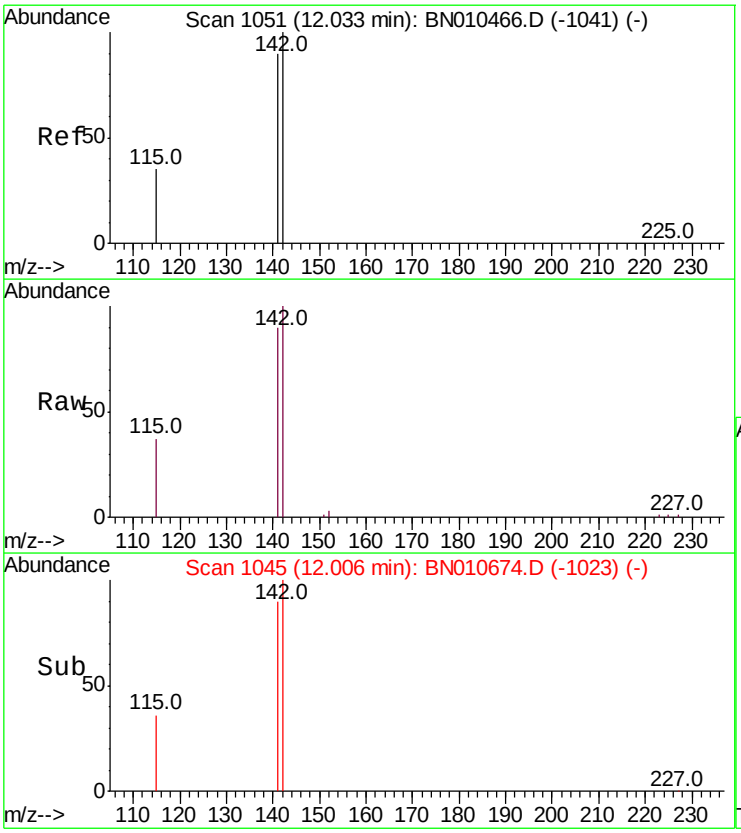
#11
2-Methylnaphthalene-d10
Concen: 0.506 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:152 Resp: 9815

Ion	Ratio	Lower	Upper
152	100		
151	12.0	15.3	22.9#

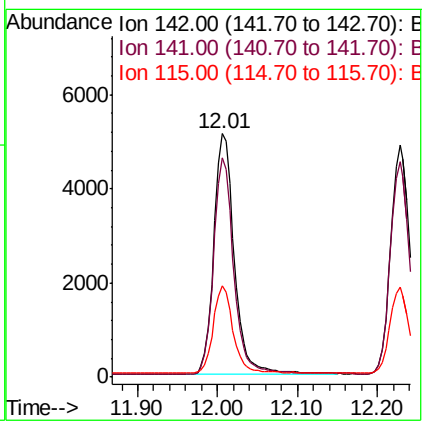


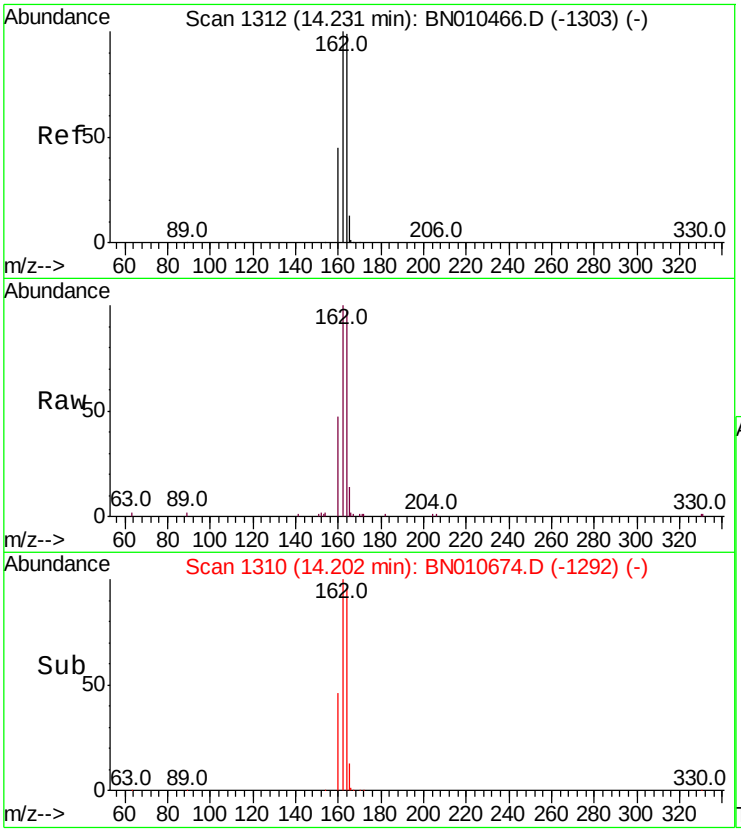


#12
2-Methylnaphthalene
Concen: 0.432 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:142 Resp: 9094

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	37.3	28.8	43.2



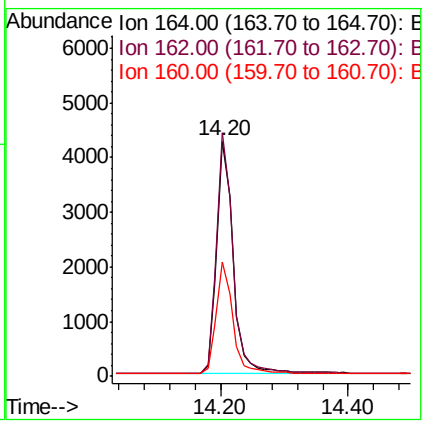


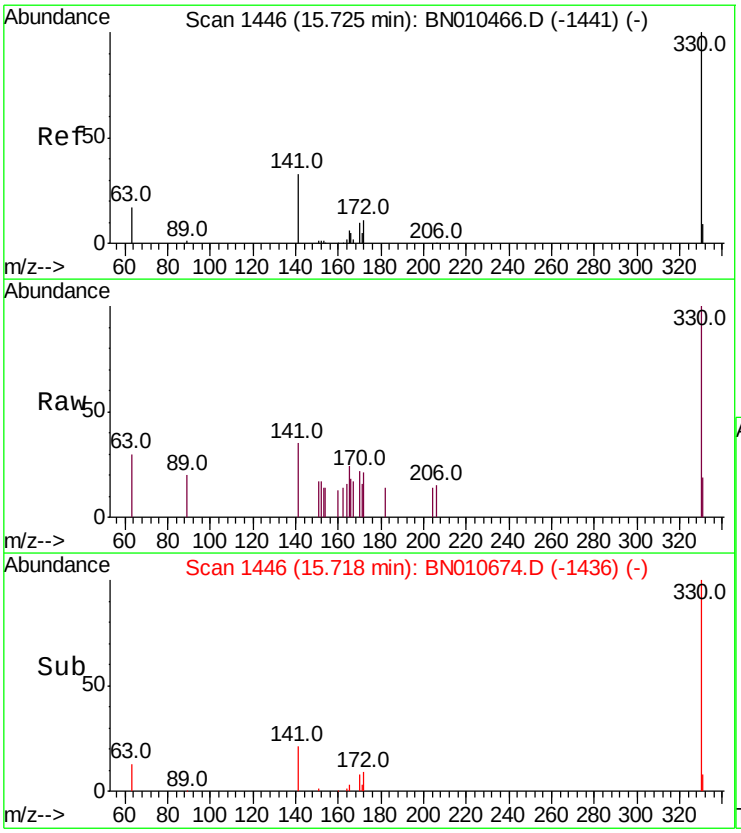
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:164 Resp: 7555

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	121.0
160	48.5	36.5	54.7

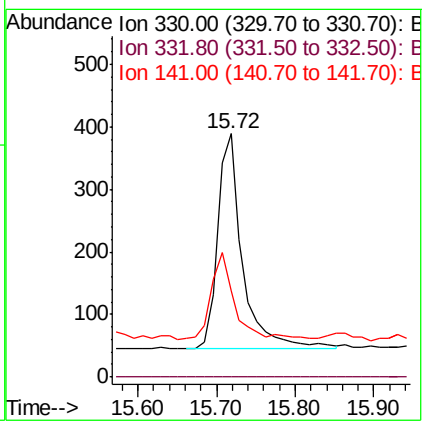


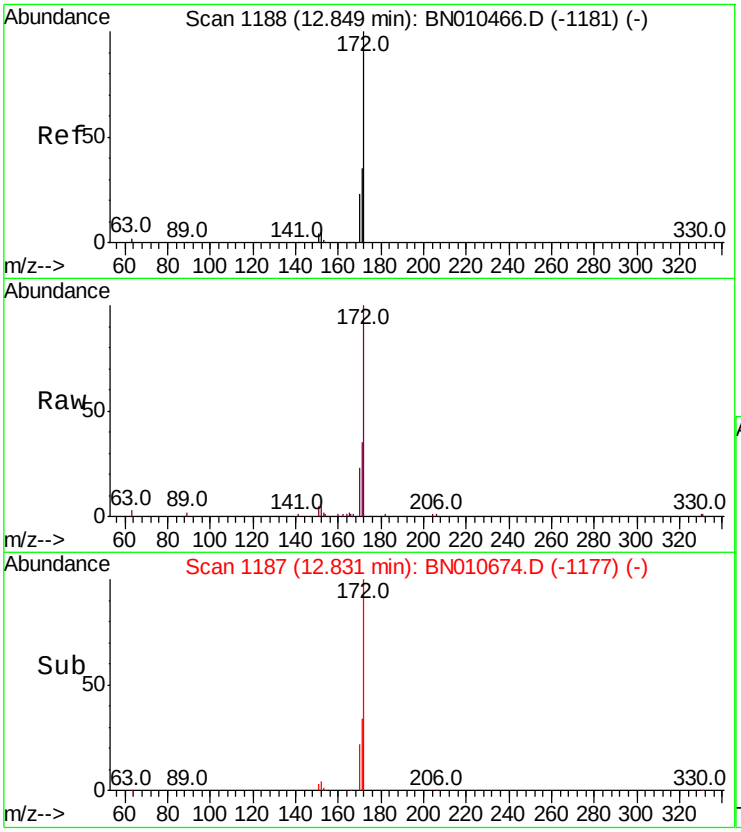


#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:330 Resp: 749

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	28.1	42.1



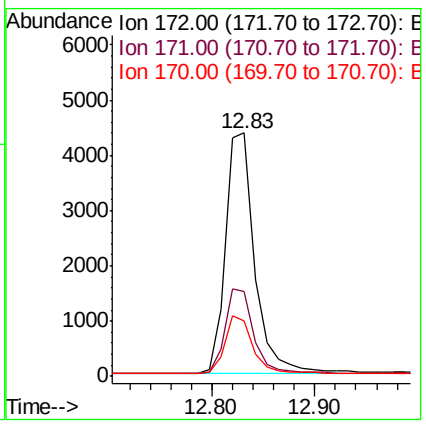


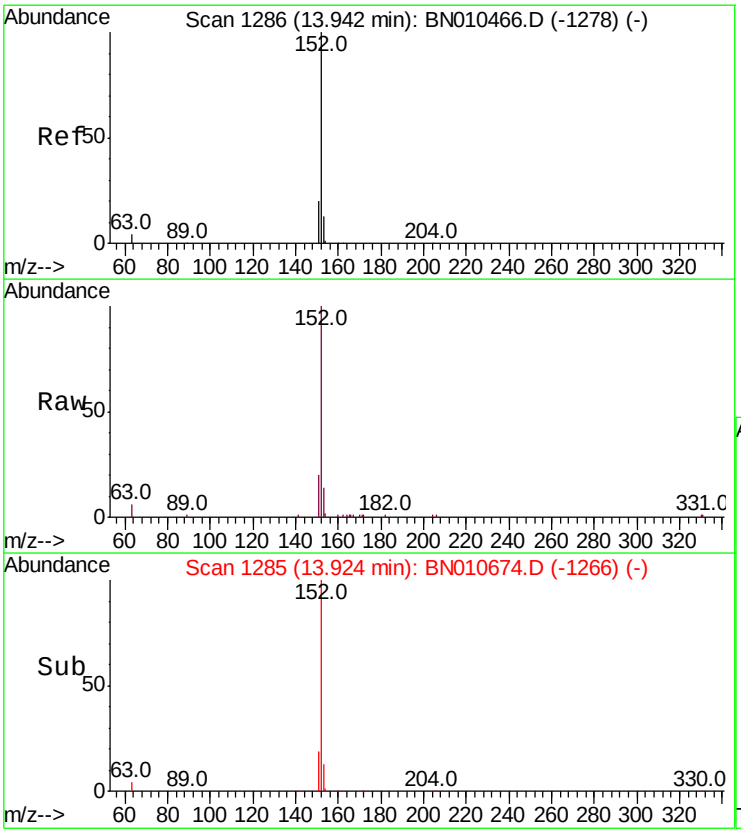
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:172 Resp: 8603

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.7	18.4	27.6

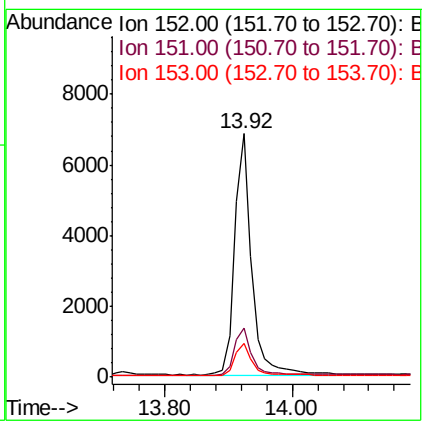


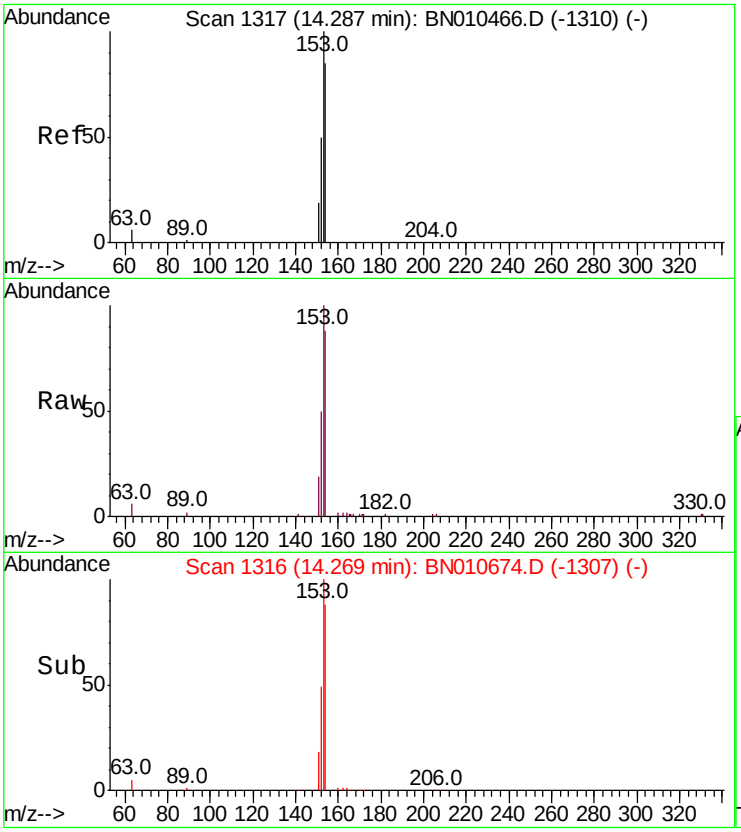


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:152 Resp: 12700

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	15.8



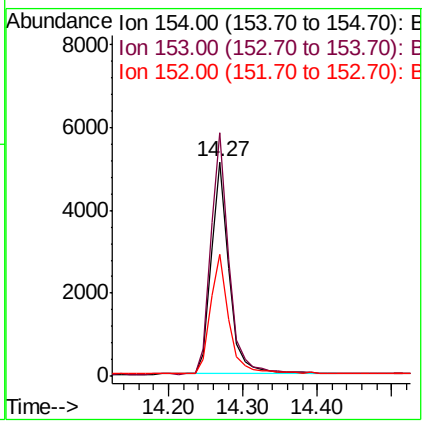


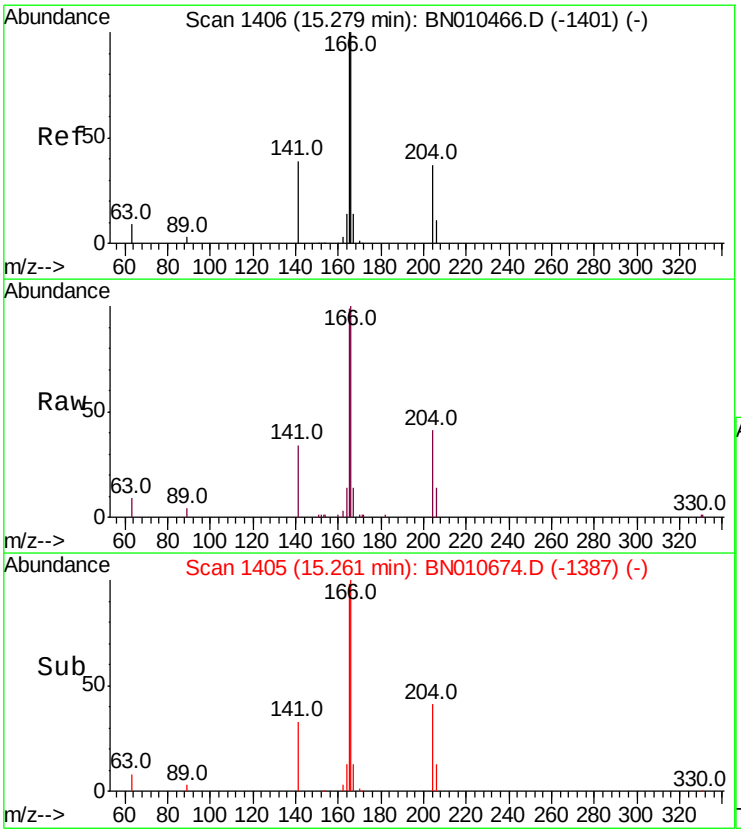
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.27 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:154 Resp: 8565

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.0	136.4
152	57.1	44.6	67.0

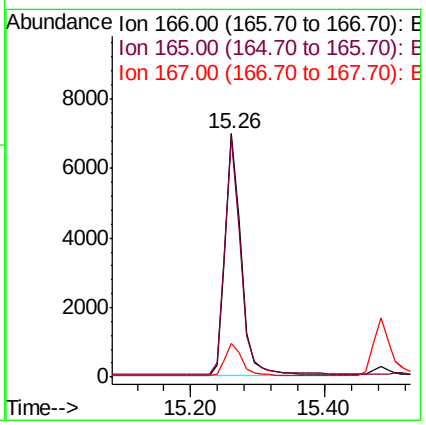


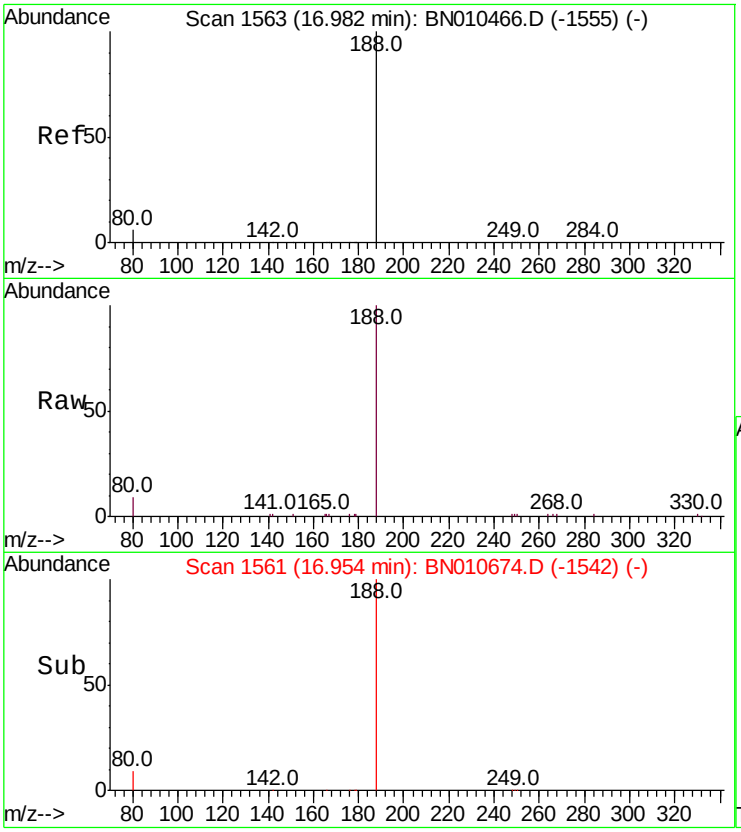


#18
Fluorene
Concen: 0.417 ng
RT: 15.26 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:166 Resp: 11466

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.5	10.9	16.3



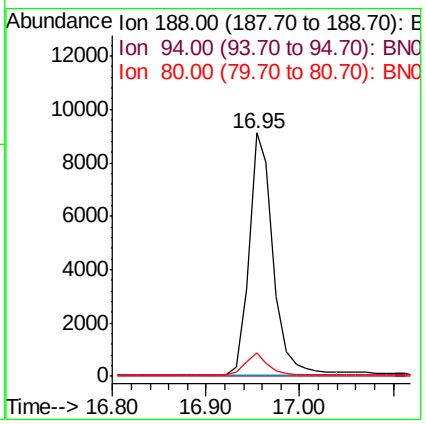


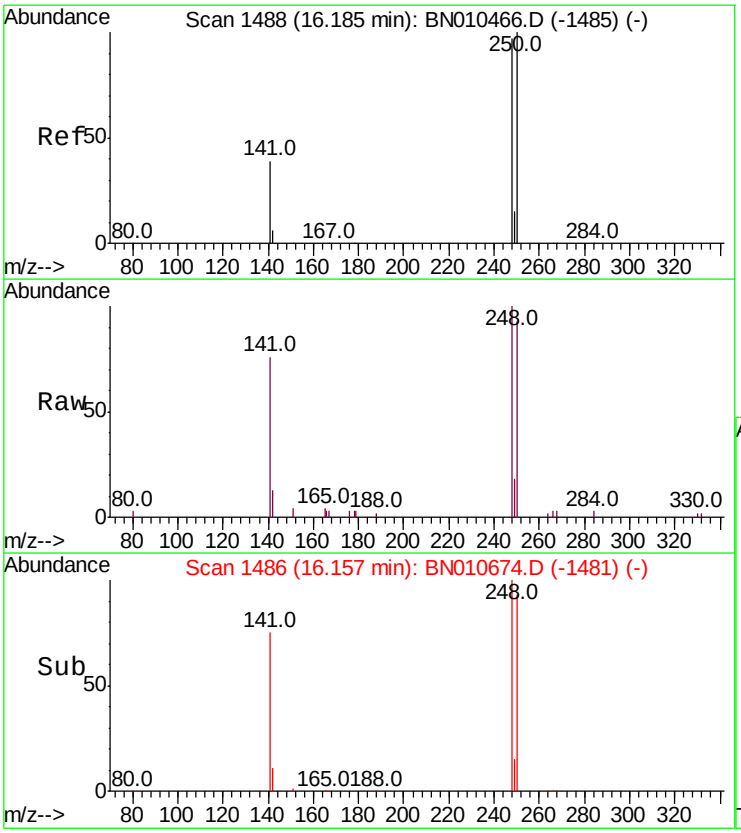
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:188 Resp: 16207

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	5.0	7.6#

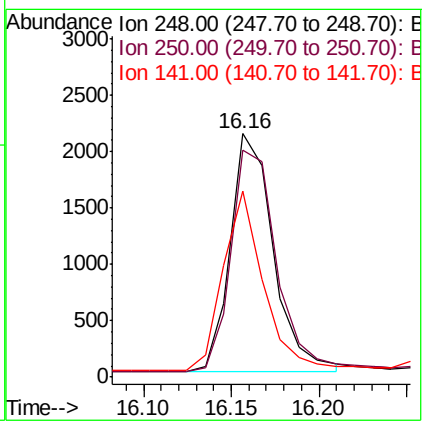


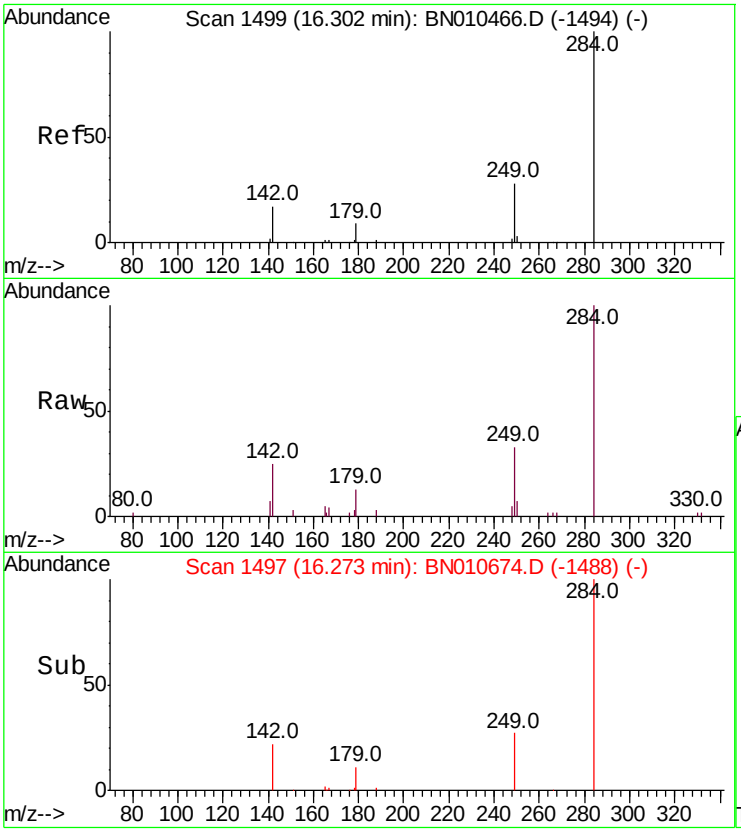


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:248 Resp: 3600

Ion	Ratio	Lower	Upper
248	100		
250	93.2	82.3	123.5
141	76.2	35.2	52.8#



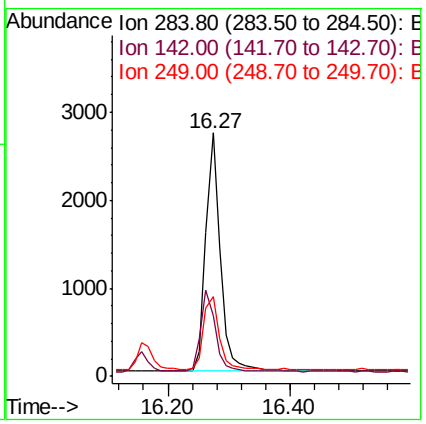


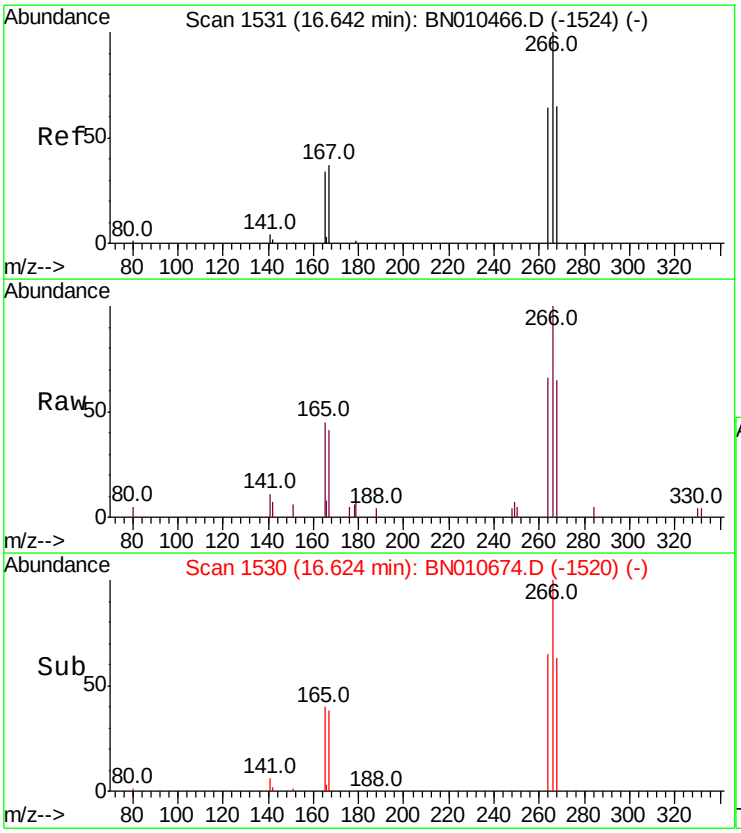
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:284 Resp: 4350

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.5	38.3
249	33.0	25.8	38.6

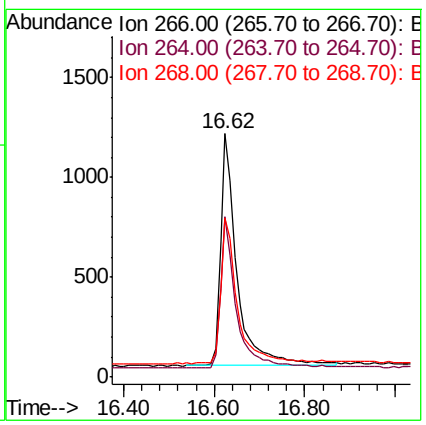


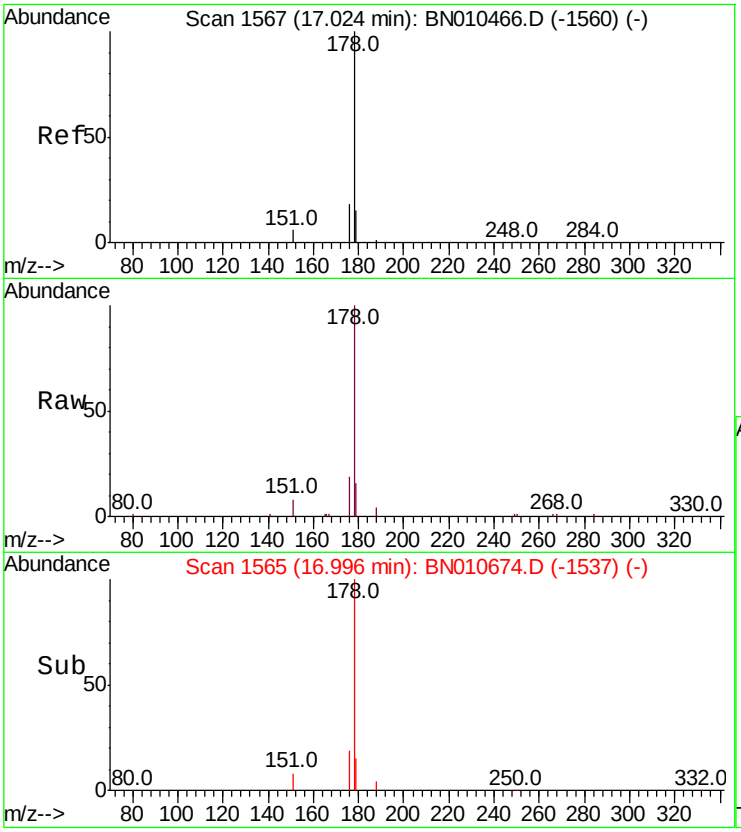


#22
Pentachlorophenol
Concen: 0.723 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:266 Resp: 2922

Ion	Ratio	Lower	Upper
266	100		
264	65.8	51.8	77.6
268	65.2	53.7	80.5



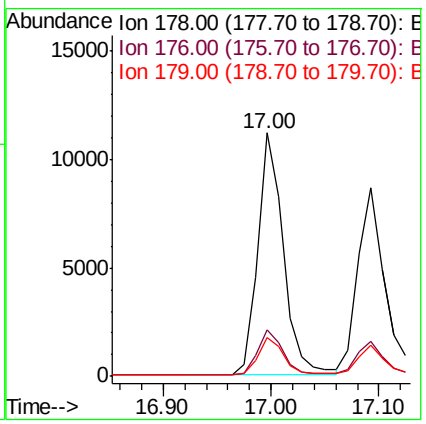


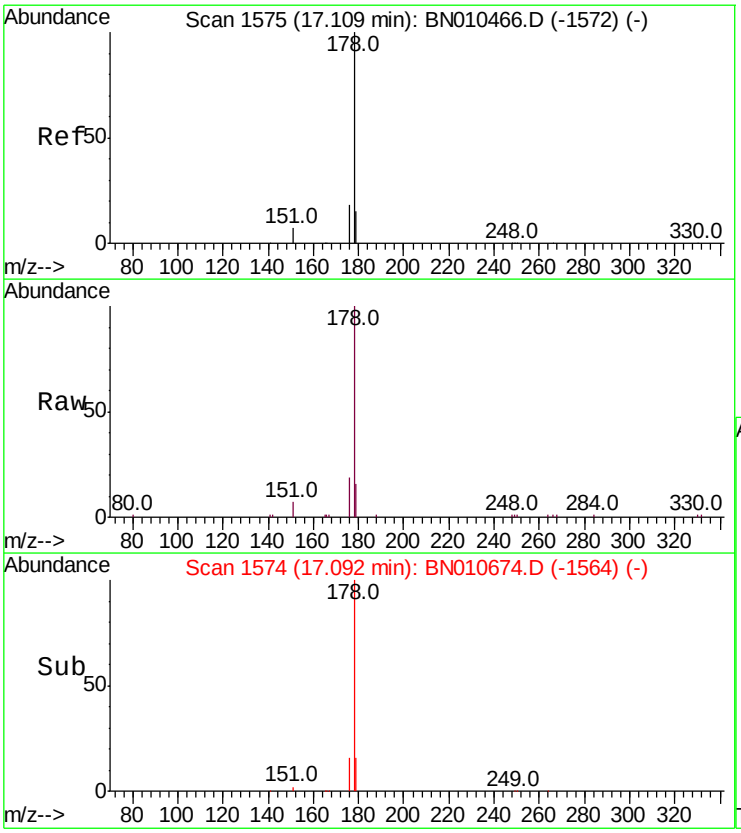
#23
Phenanthrene
Concen: 0.418 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:178 Resp: 18300

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.5	12.6	18.8

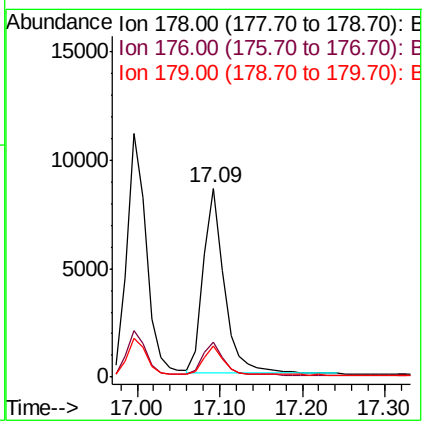


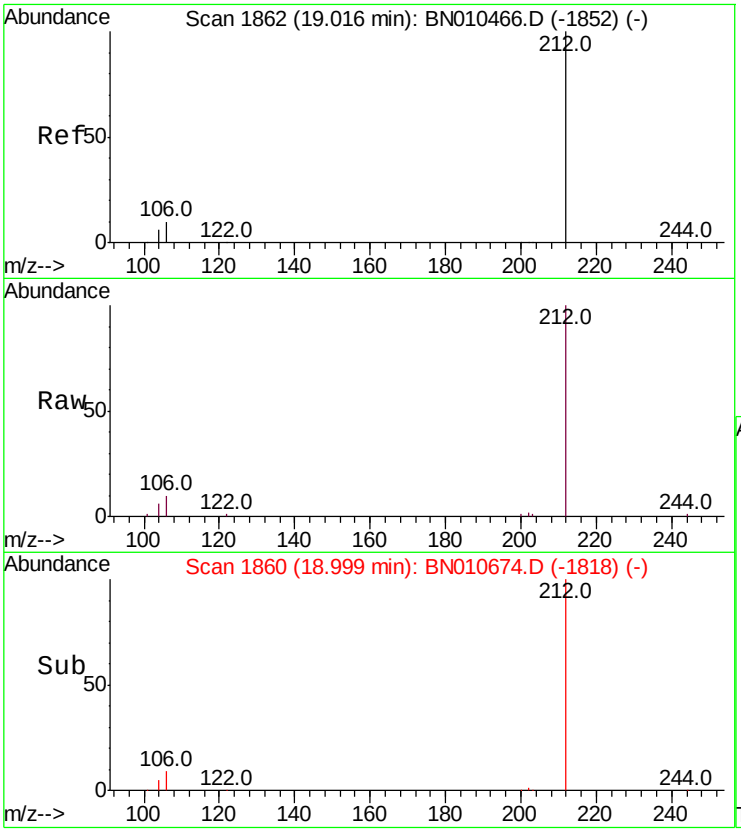


#24
Anthracene
Concen: 0.378 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:178 Resp: 15137

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.1	12.2	18.2



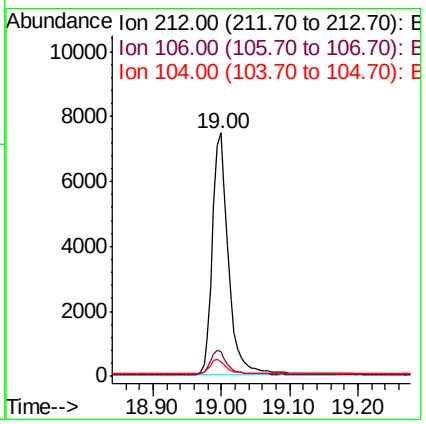


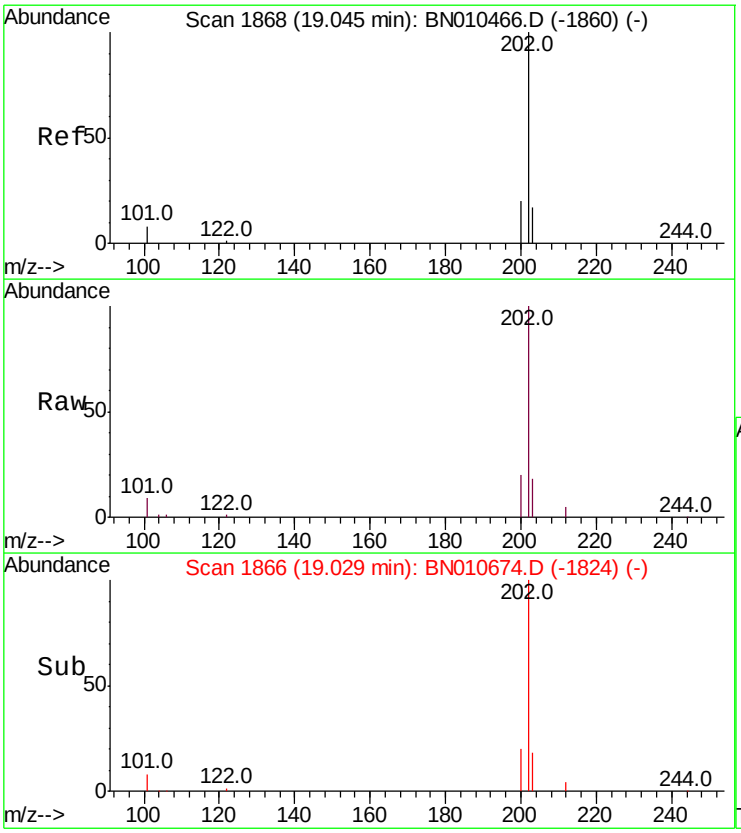
#25
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:212 Resp: 12238

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	5.8	4.5	6.7

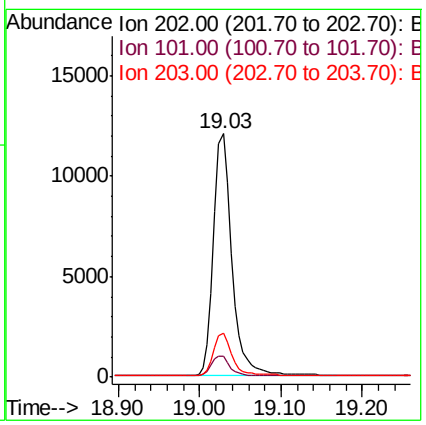


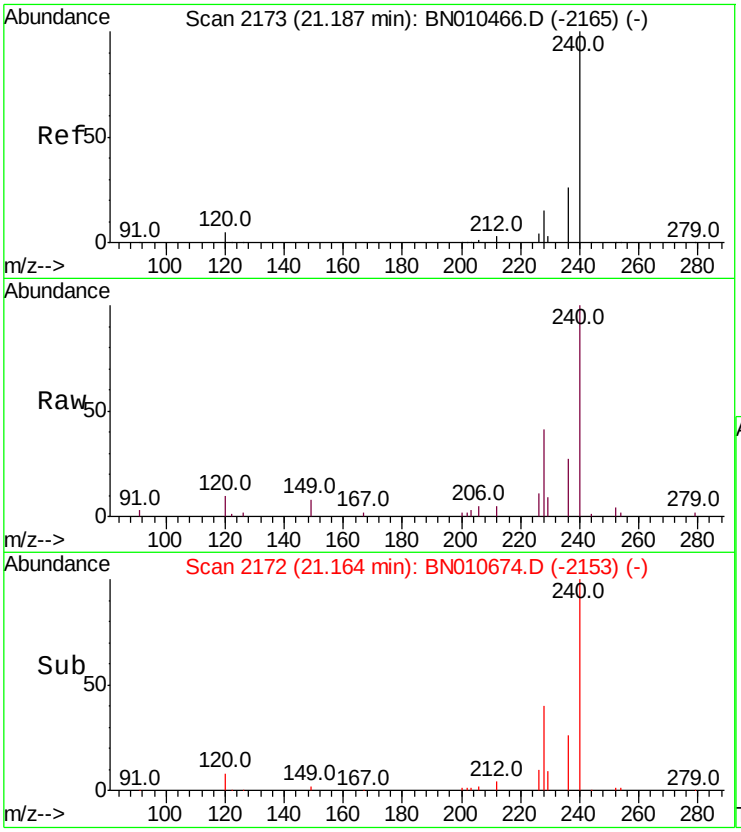


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:202 Resp: 19174

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.2	13.9	20.9



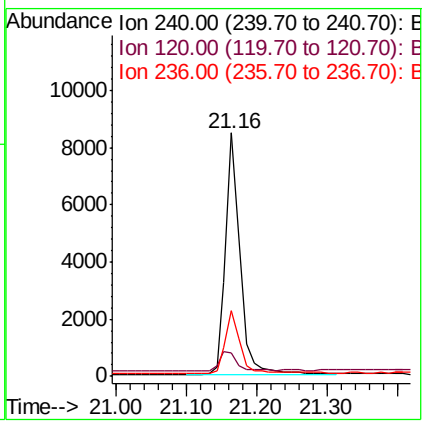


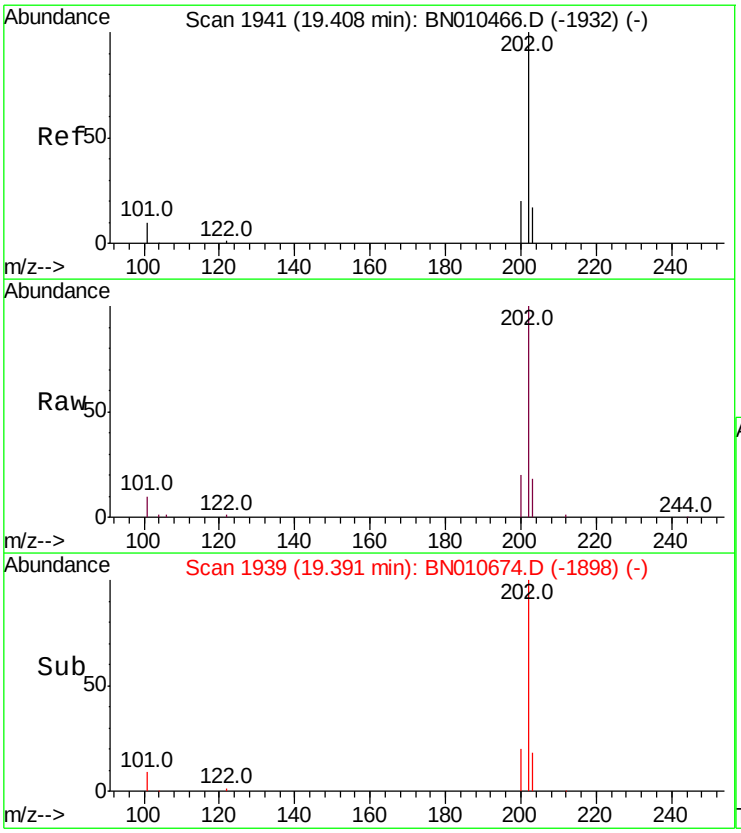
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument : BNA_N
ClientSampleId : PB128575BSD

Tgt Ion:240 Resp: 12211

Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.8	7.2#
236	27.1	21.4	32.0

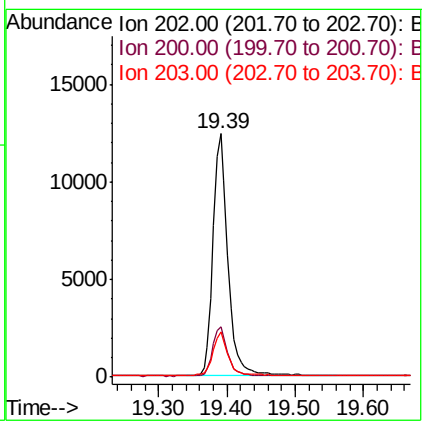


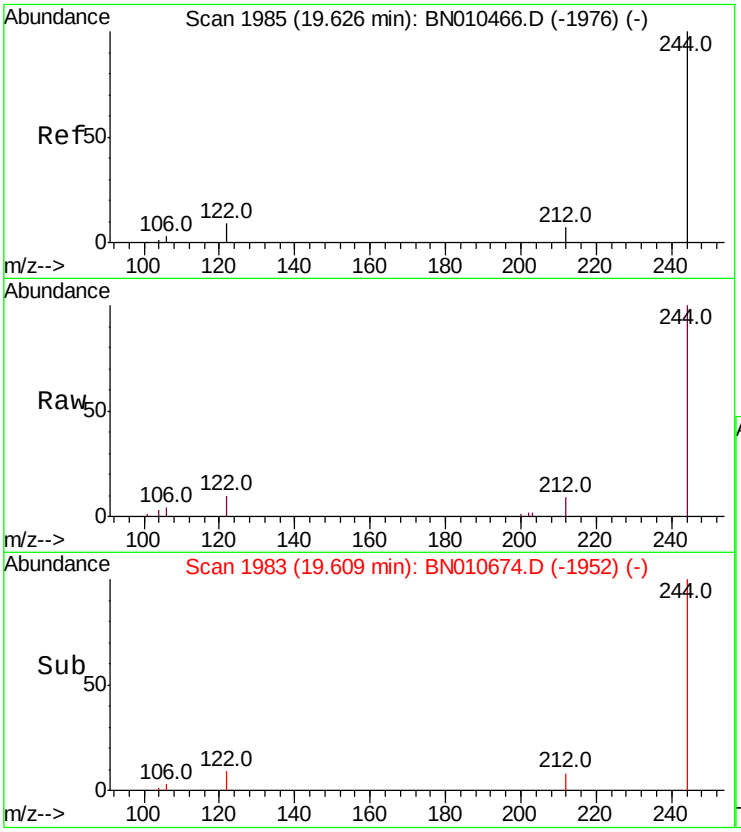


#28
Pyrene
Concen: 0.459 ng
RT: 19.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:202 Resp: 18865

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.8	14.0	21.0



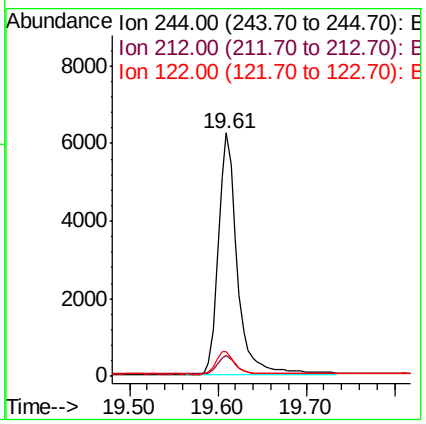


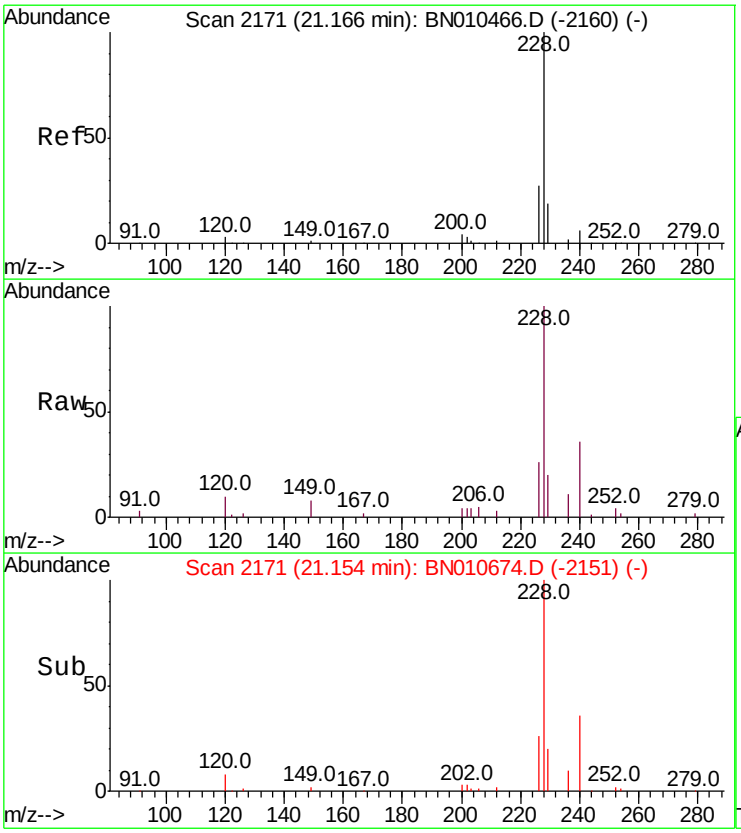
#29
Terphenyl-d14
Concen: 0.331 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:244 Resp: 9239

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	10.1	7.8	11.8

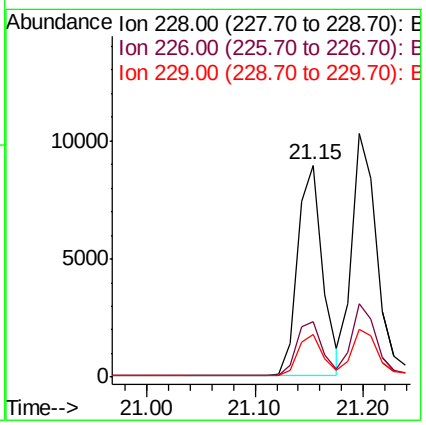


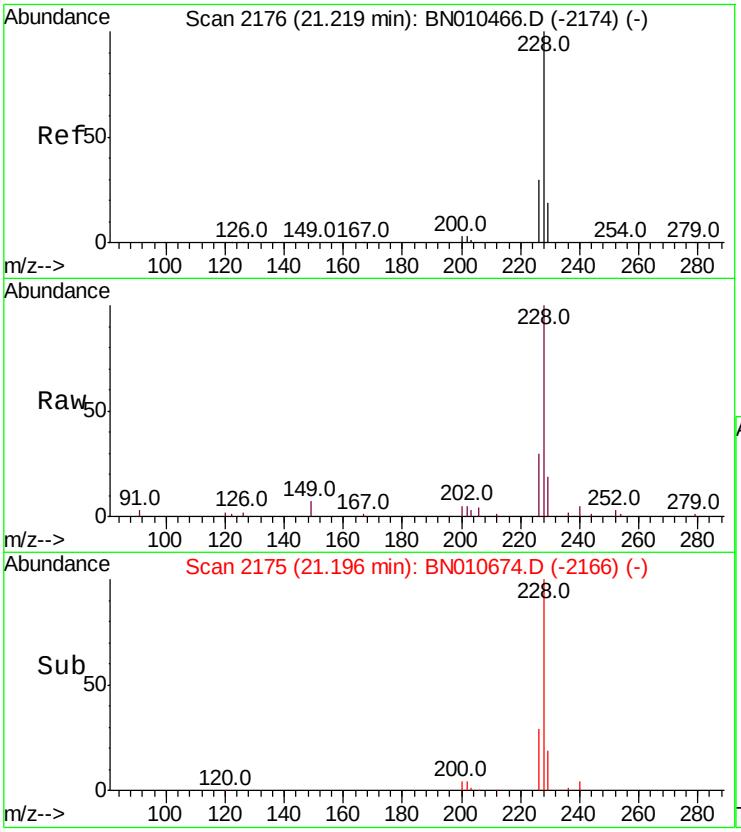


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:228 Resp: 14216

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	20.4	15.6	23.4



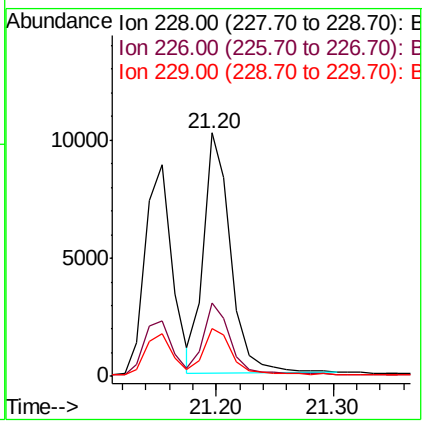


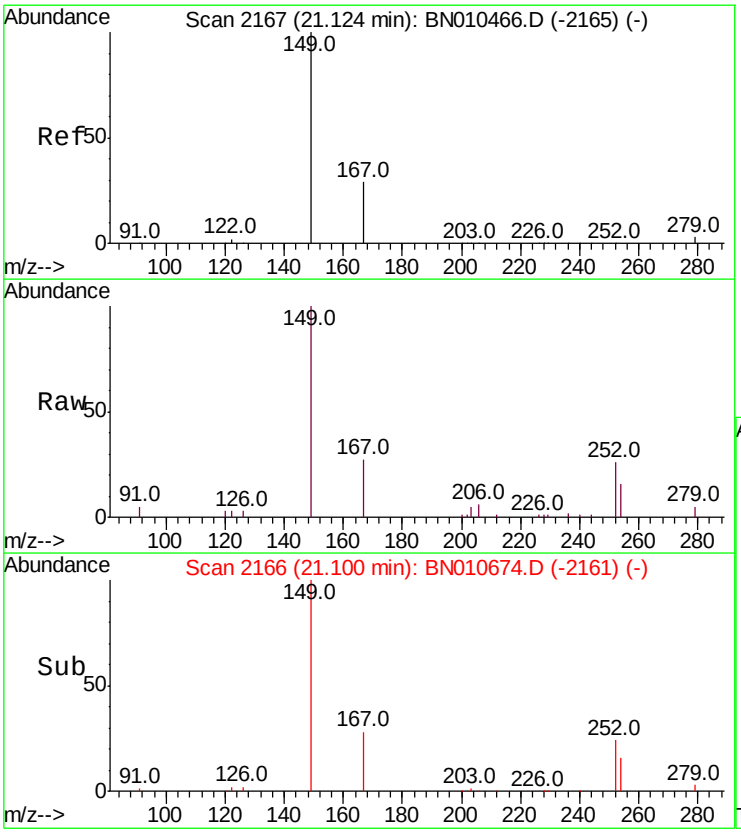
#31
Chrysene
Concen: 0.414 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:228 Resp: 16418

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.4	15.8	23.6

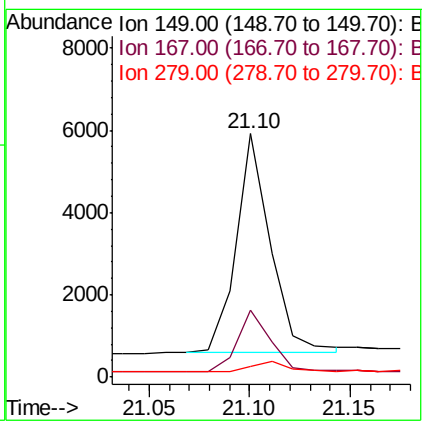


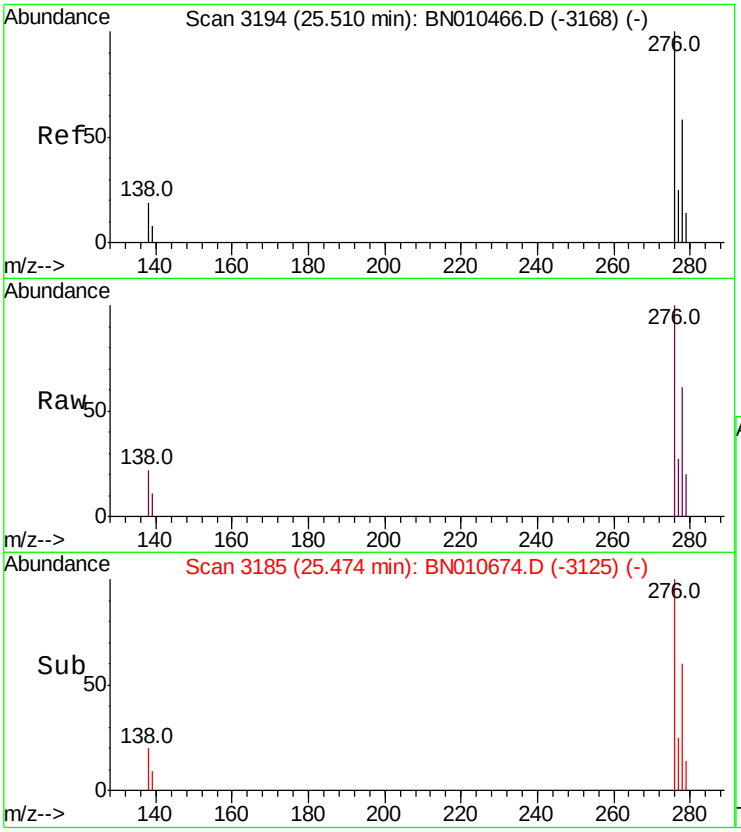


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:149 Resp: 6347

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	4.9	4.0	6.0



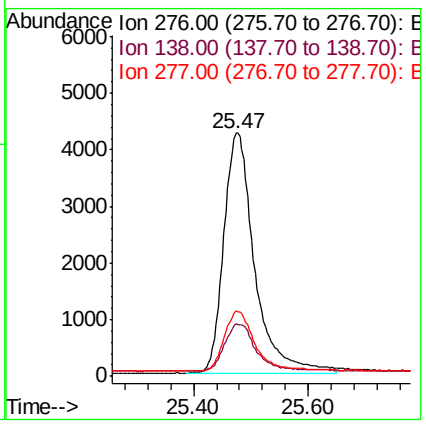


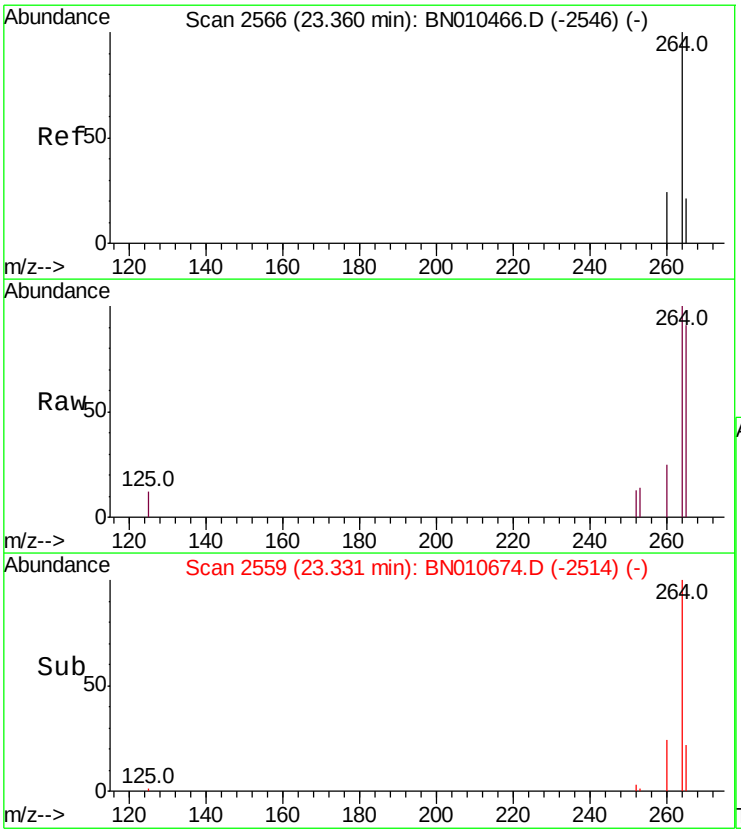
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 25.47 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:276 Resp: 15805

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.4	24.6
277	24.9	19.8	29.6

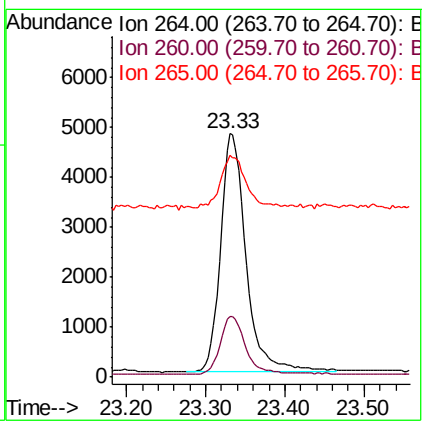


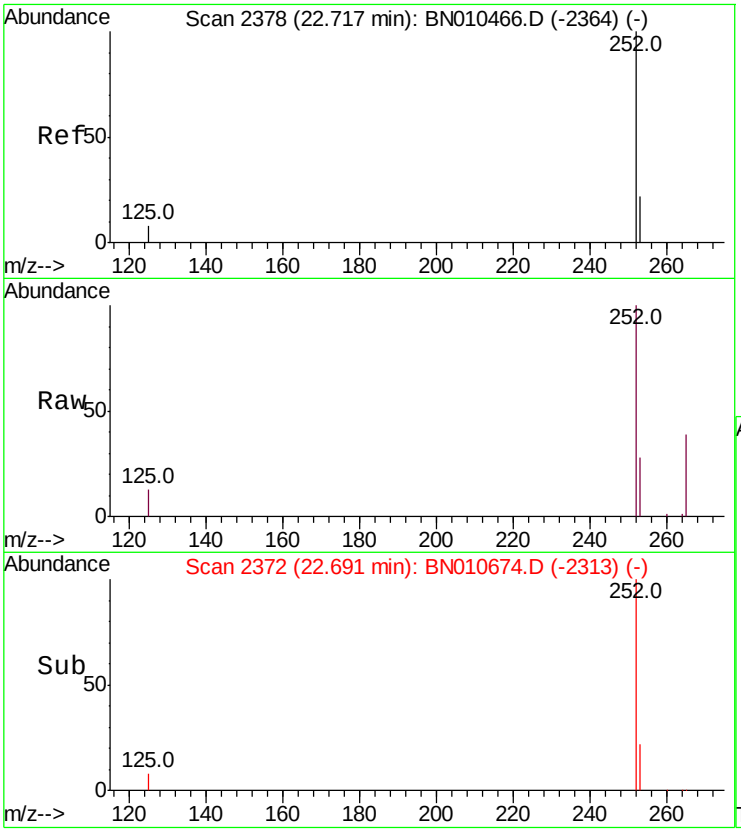


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:264 Resp: 10652

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	91.2	42.3	63.5#



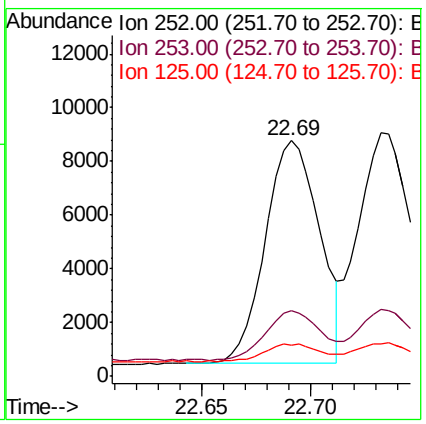


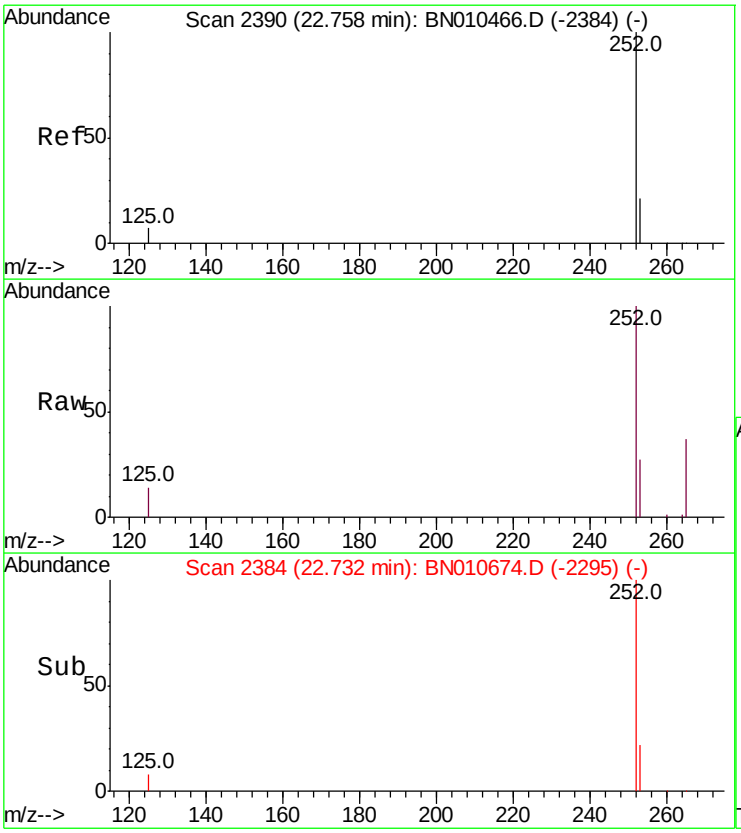
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:252 Resp: 14428

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.2	30.4
125	13.5	9.2	13.8

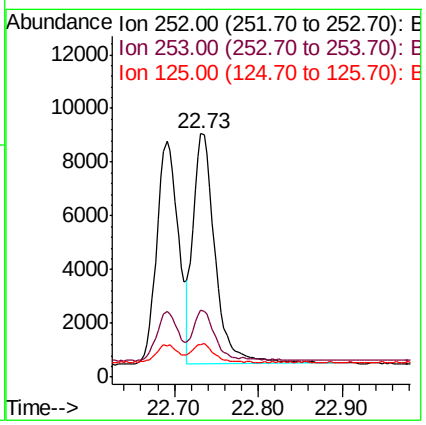


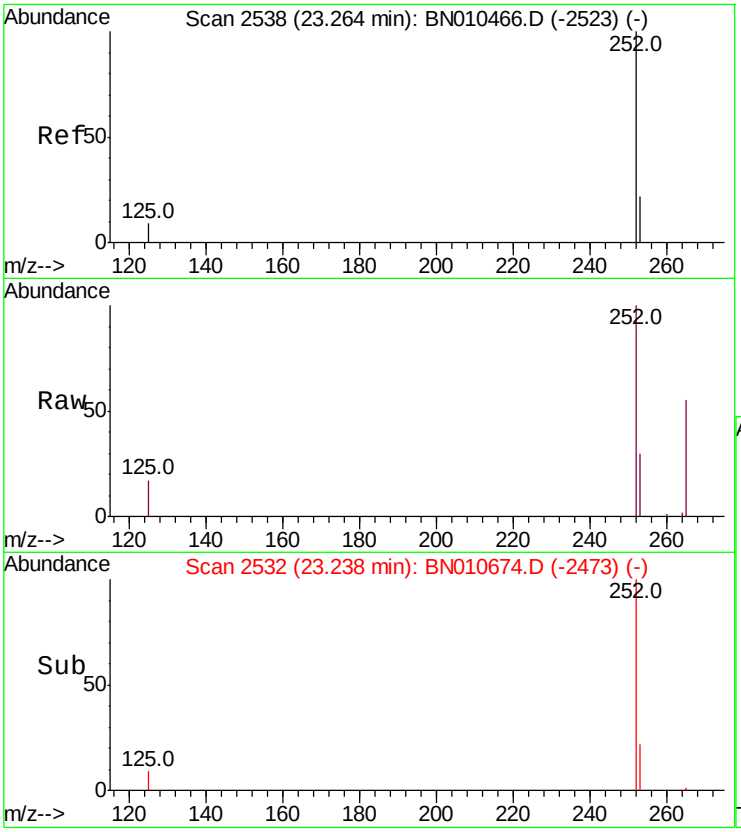


#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:252 Resp: 15665

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.1	30.1
125	13.5	9.6	14.4



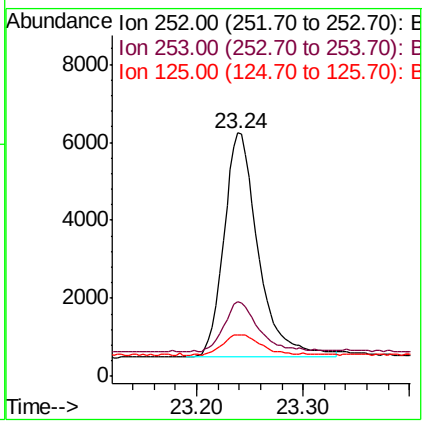


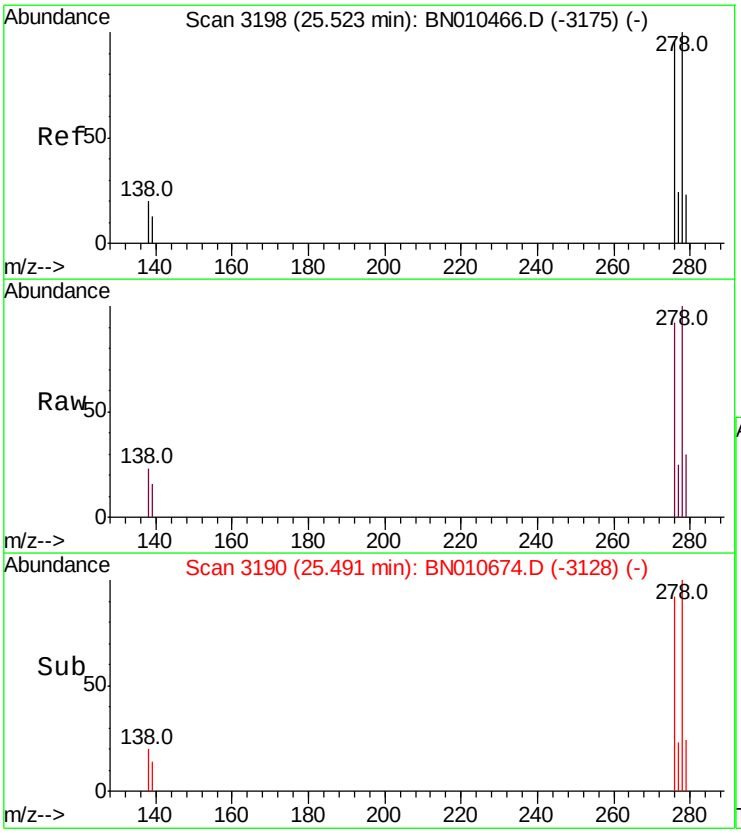
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.24 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:252 Resp: 12962

Ion	Ratio	Lower	Upper
252	100		
253	30.4	21.8	32.8
125	16.9	11.0	16.6#

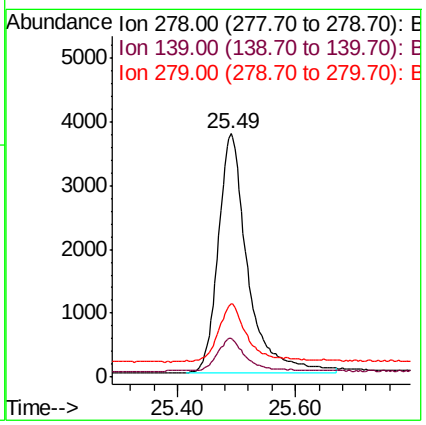


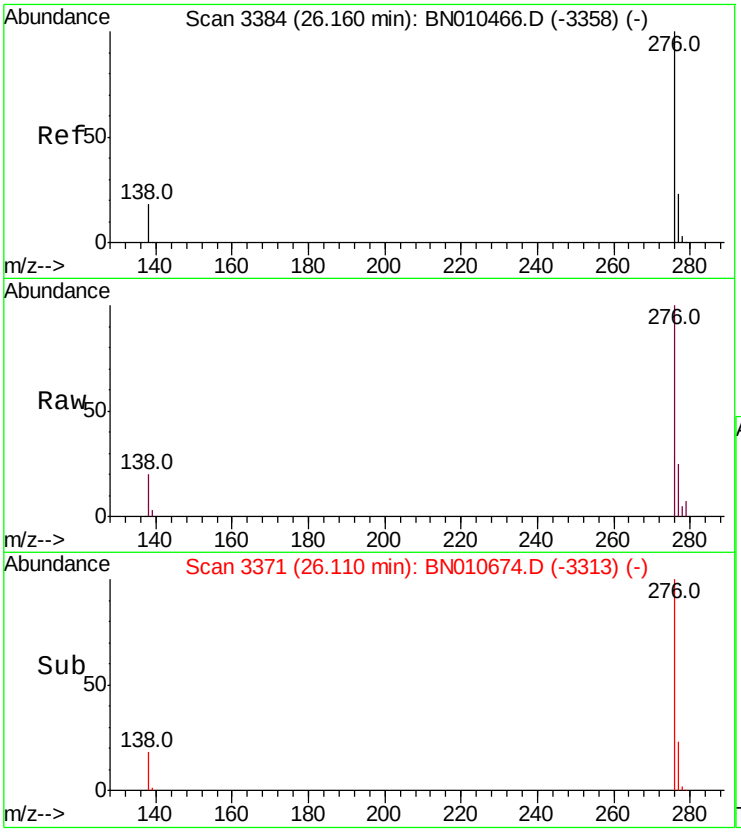


#38
Dibenzo(a,h)anthracene
Concen: 0.457 ng
RT: 25.49 min Scan# 3190
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:278 Resp: 12959

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.3	18.5
279	30.2	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.499 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tgt Ion:276 Resp: 14259

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	20.3	15.4	23.2