Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010904.D
Acq On : 16 Jun 2020 13:29
Operator : CG/JU
Sample : L2993-04MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SS043MW014-200610MS

Quant Time: Jun 16 14:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2328	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8483	0.40	ng		-0.01
13) Acenaphthene-d10	14.16	164	5017	0.40	ng		-0.01
19) Phenanthrene-d10	16.91	188	10269	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	10051	0.40	ng		-0.01
34) Perylene-d12	23.27	264	10633	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	815	0.18	ng		0.00
5) Phenol-d6	6.74	99	555	0.10	ng		0.00
8) Nitrobenzene-d5	8.68	82	2184	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4169	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	592	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	7021	0.35	ng		0.00
25) Fluoranthene-d10	18.95	212	10331	0.36	ng		0.00
29) Terphenyl-d14	19.57	244	9549	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	793	0.348	ng	#	92
3) n-Nitrosodimethylamine	3.52	42	545	0.411	ng	#	86
6) bis(2-Chloroethyl)ether	6.99	93	2227	0.431	ng		93
9) Naphthalene	10.34	128	12666	0.594	ng		99
10) Hexachlorobutadiene	10.63	225	1699	0.322	ng	#	99
12) 2-Methylnaphthalene	11.96	142	20132	1.411	ng		98
16) Acenaphthylene	13.88	152	7470	0.363	ng	#	95
17) Acenaphthene	14.22	154	5212	0.372	ng		95
18) Fluorene	15.22	166	8337	0.461	ng	#	90
20) 4-Bromophenyl-phenylether	16.11	248	1993	0.323	ng	#	78
21) Hexachlorobenzene	16.23	284	2103	0.327	ng		98
22) Pentachlorophenol	16.58	266	2415	1.118	ng		94
23) Phenanthrene	16.95	178	18514	0.660	ng		99
24) Anthracene	17.05	178	8804	0.376	ng		98
26) Fluoranthene	18.98	202	12240	0.384	ng	#	98
28) Pyrene	19.35	202	13057	0.393	ng		97
30) Benzo(a)anthracene	21.11	228	10819	0.366	ng		99
31) Chrysene	21.16	228	11922	0.346	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	4970	0.505	ng		98
33) Indeno(1,2,3-cd)pyrene	25.38	276	13919	0.362	ng	#	93
35) Benzo(b)fluoranthene	22.64	252	11656	0.322	ng		98
36) Benzo(k)fluoranthene	22.64	252	11656	0.303	ng		98
37) Benzo(a)pyrene	23.18	252	10163	0.328	ng		97
38) Dibenzo(a,h)anthracene	25.40	278	11459	0.324	ng		97
39) Benzo(g,h,i)perylene	26.02	276	12232	0.331	ng		97

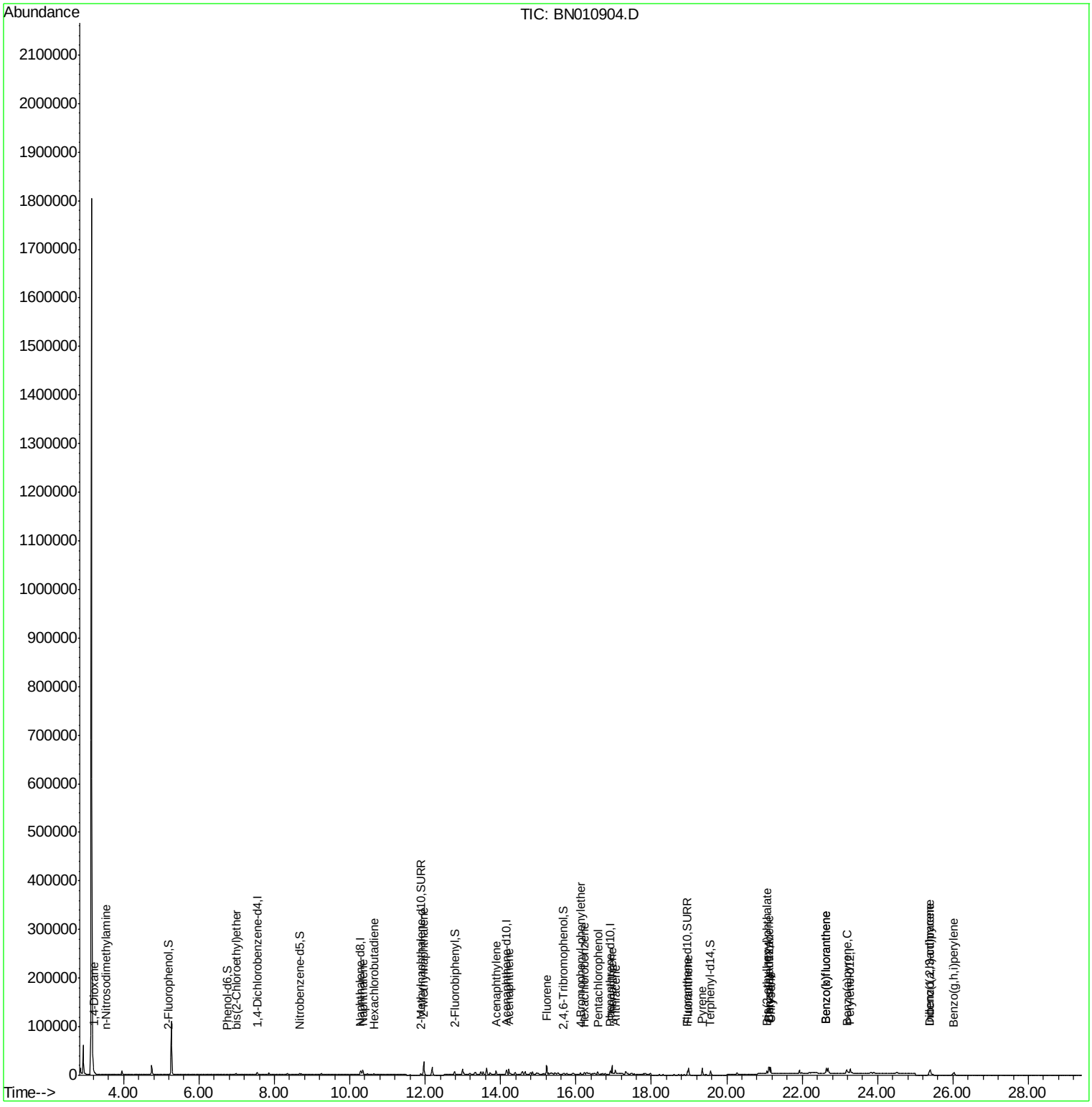
(#) = qualifier out of range (m) = manual integration (+) = signals summed

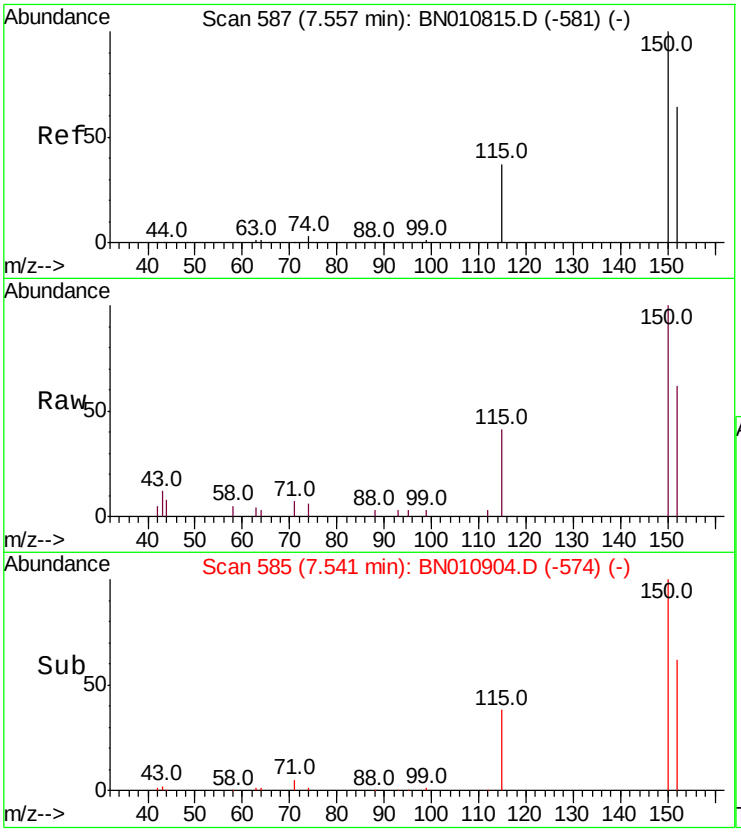
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010904.D
Acq On : 16 Jun 2020 13:29
Operator : CG/JU
Sample : L2993-04MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Quant Time: Jun 16 14:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



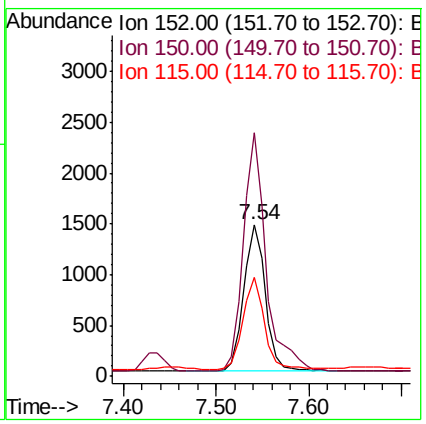


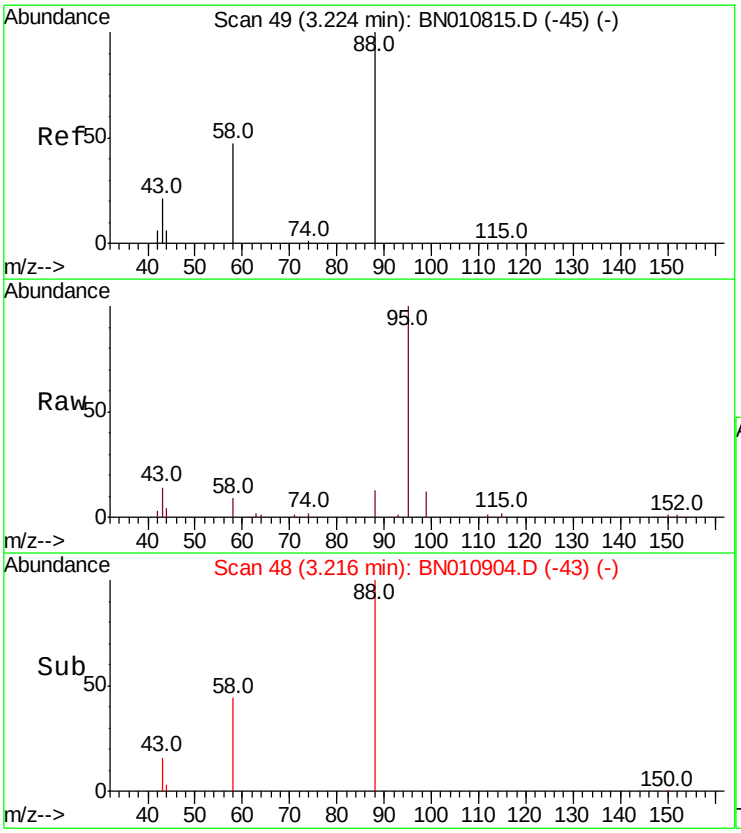
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:152 Resp: 2328

Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.8	185.6
115	65.1	49.2	73.8

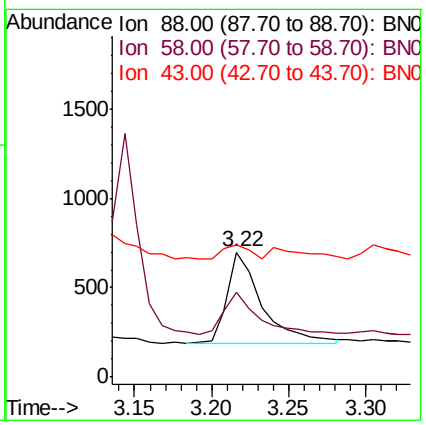


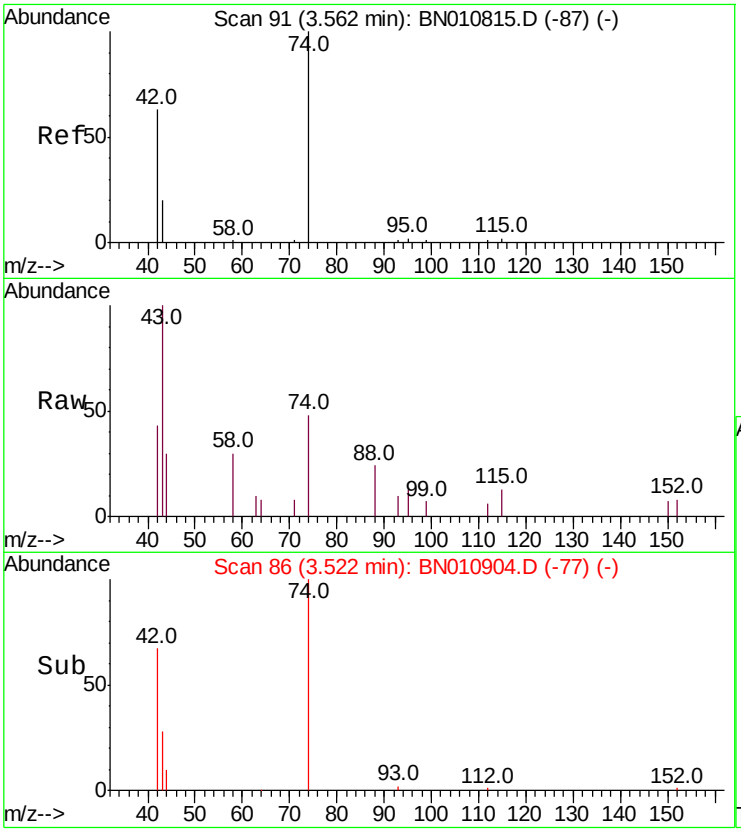


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion: 88 Resp: 793

Ion	Ratio	Lower	Upper
88	100		
58	44.1	38.2	57.4
43	12.2	15.1	22.7#



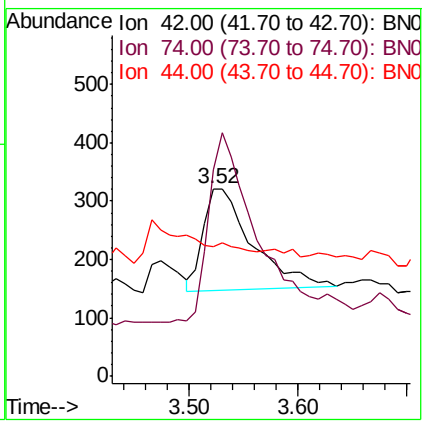


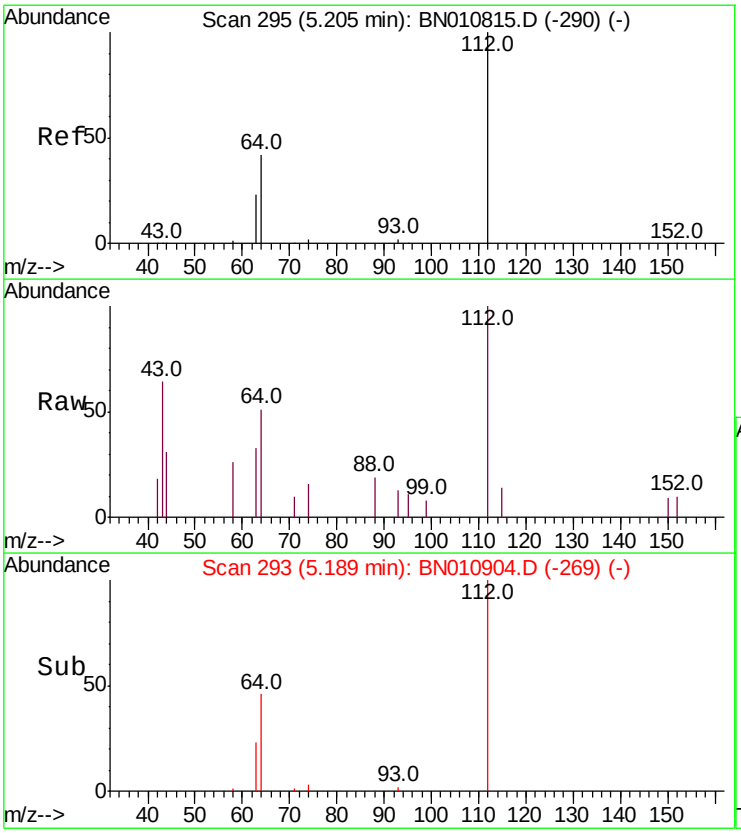
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.02 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion: 42 Resp: 545

Ion	Ratio	Lower	Upper
42	100		
74	195.6	140.7	211.1
44	0.0	1.4	2.2#

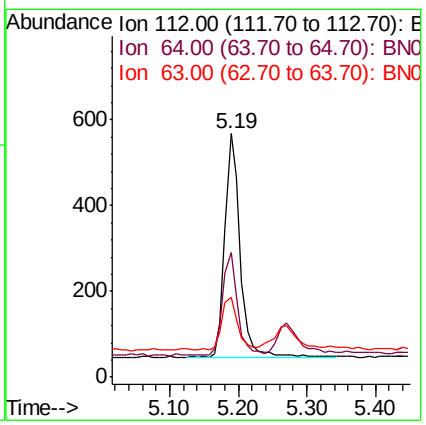


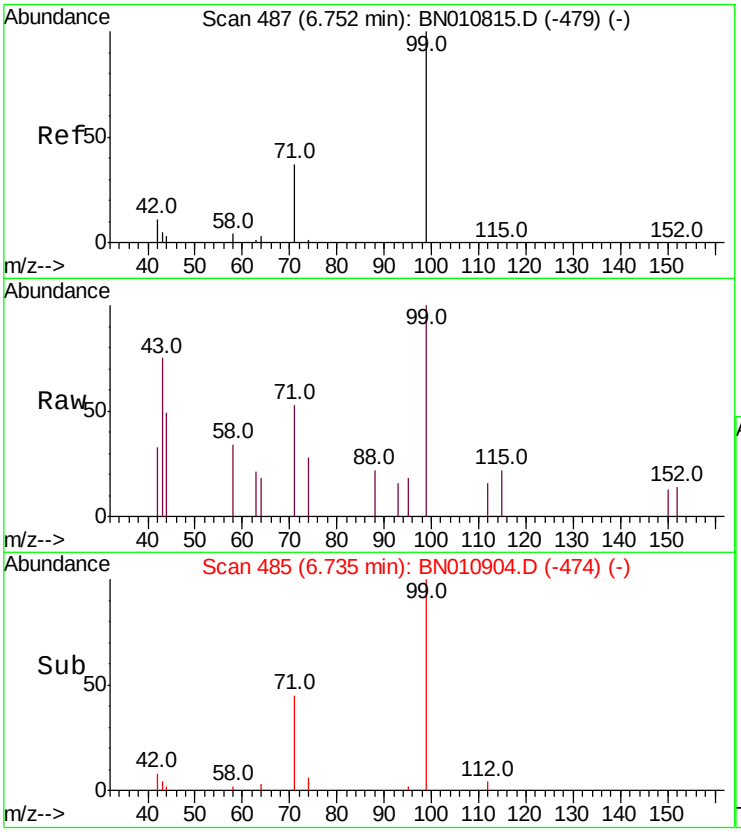


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:112 Resp: 815

Ion	Ratio	Lower	Upper
112	100		
64	44.4	37.4	56.0
63	24.0	22.2	33.4



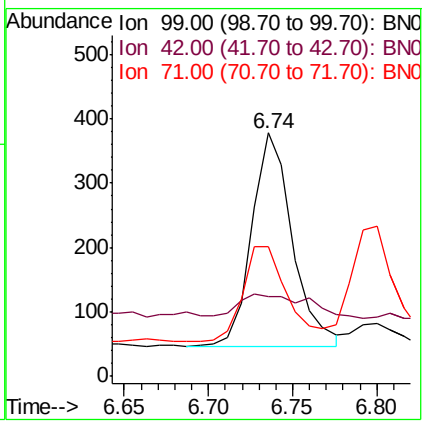


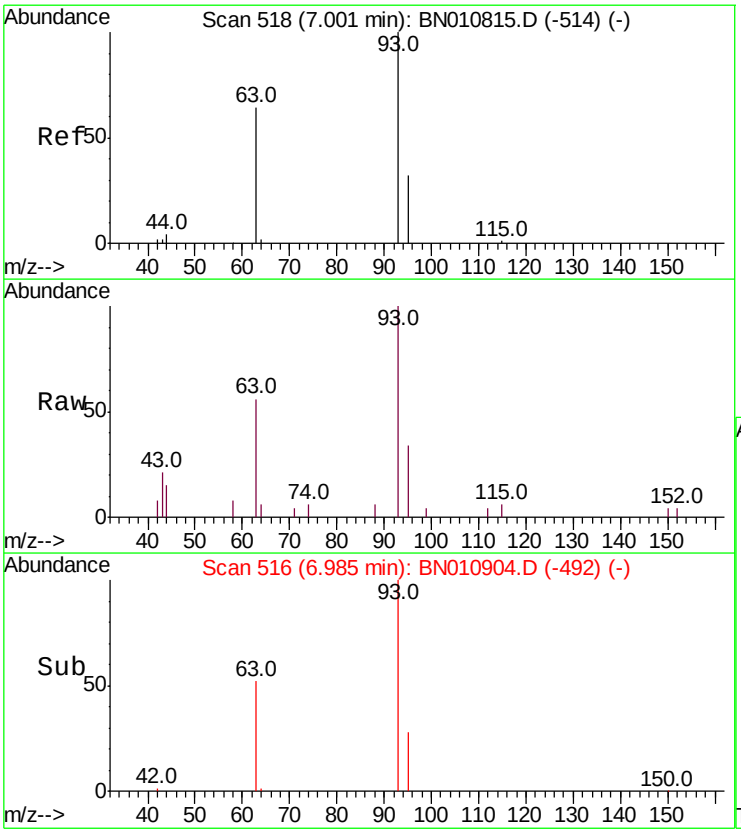
#5
Phenol-d6
Concen: 0.105 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion: 99 Resp: 555

Ion	Ratio	Lower	Upper
99	100		
42	19.3	11.1	16.7#
71	49.4	31.4	47.2#

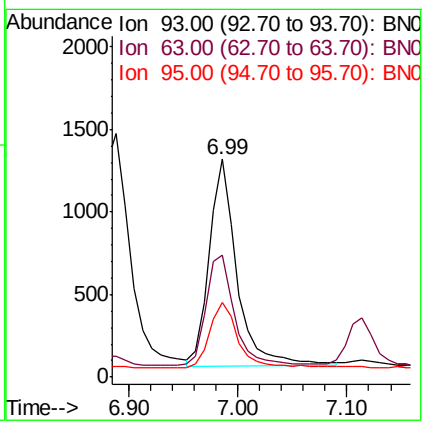


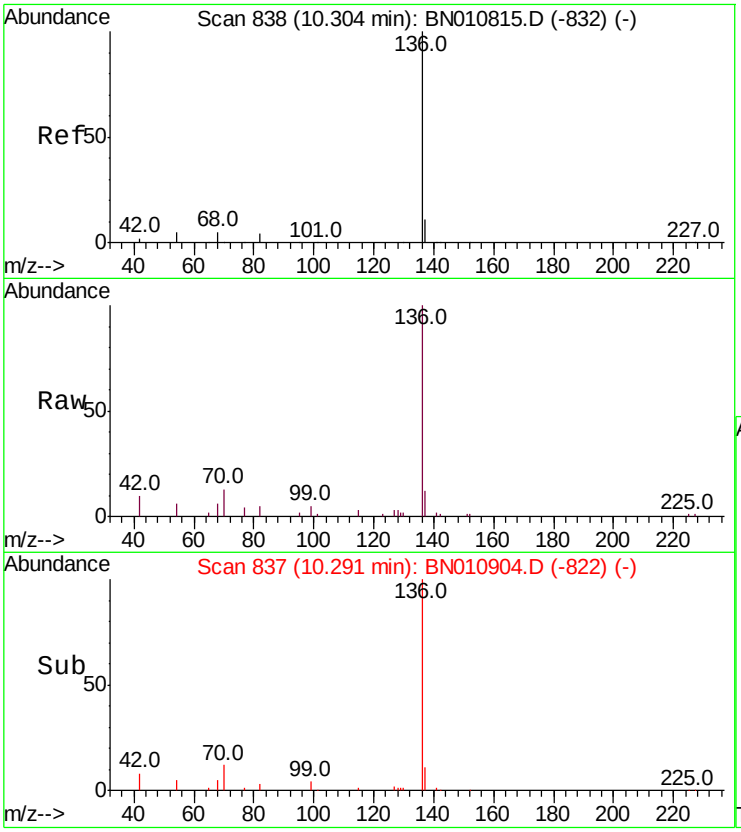


#6
bis(2-Chloroethyl)ether
Concen: 0.431 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion: 93 Resp: 2227

Ion	Ratio	Lower	Upper
93	100		
63	54.2	49.4	74.2
95	32.1	26.7	40.1



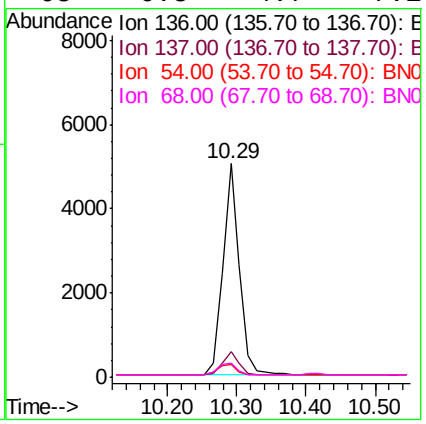


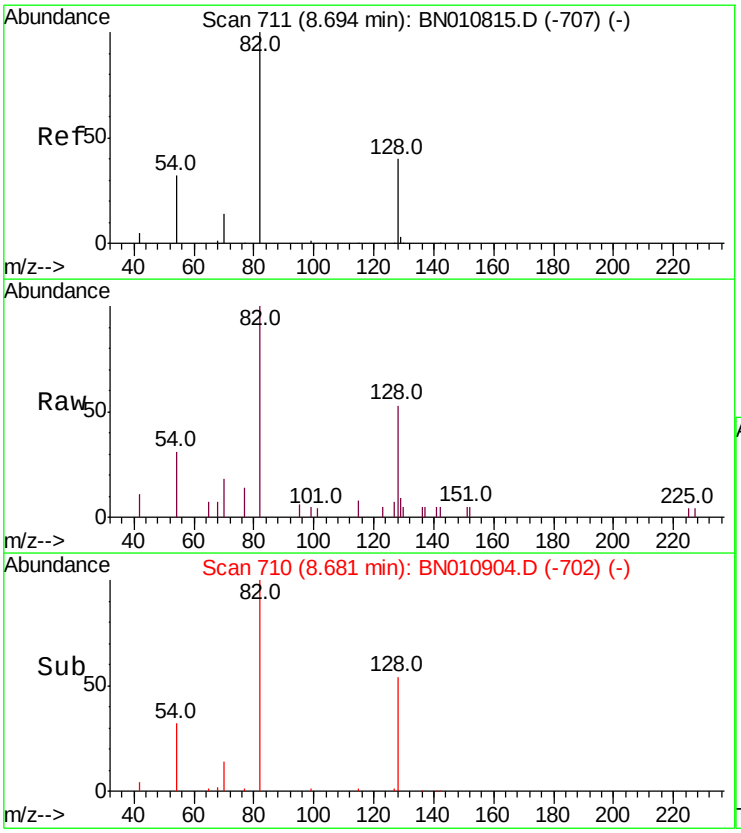
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:136 Resp: 8483

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	5.9	4.9	7.3
68	6.3	4.7	7.1

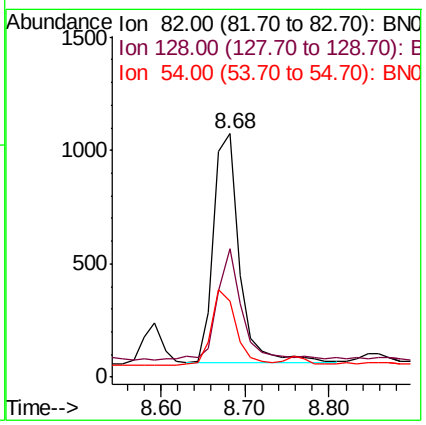


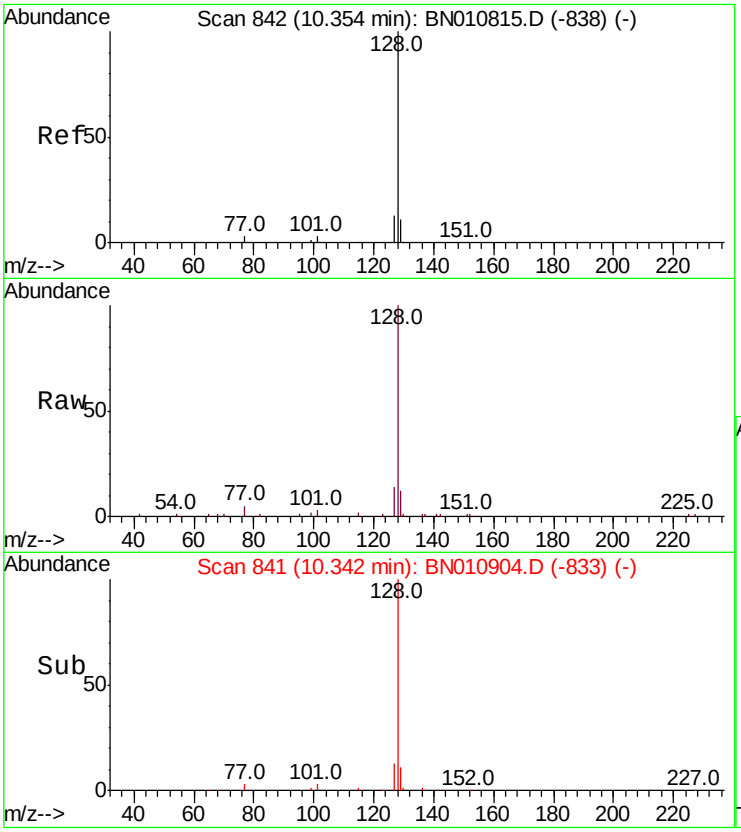


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion: 82 Resp: 2184

Ion	Ratio	Lower	Upper
82	100		
128	52.8	35.4	53.0
54	31.5	28.2	42.4



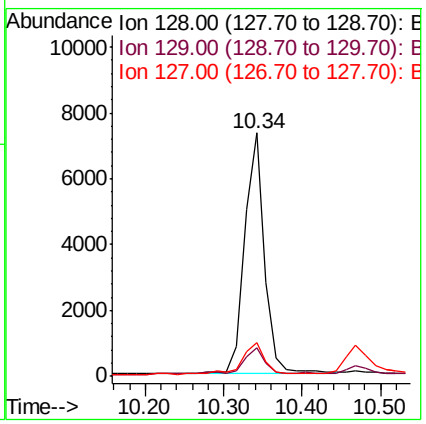


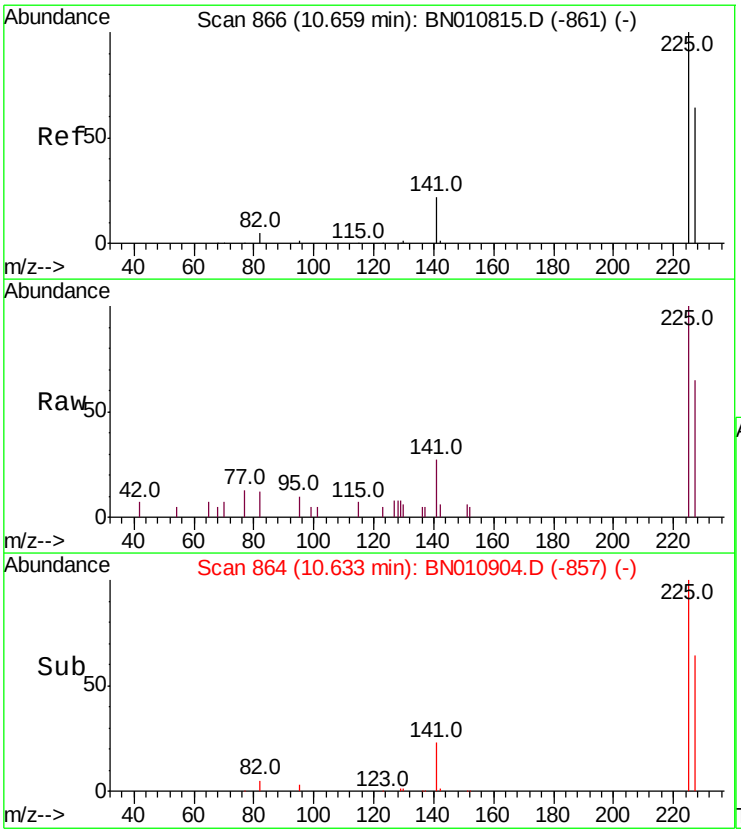
#9
Naphthalene
Concen: 0.594 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:128 Resp: 12666

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.7	11.4	17.2

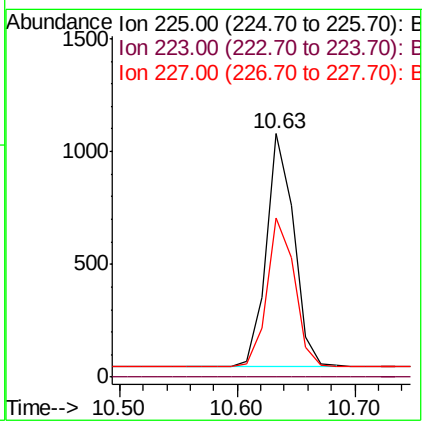


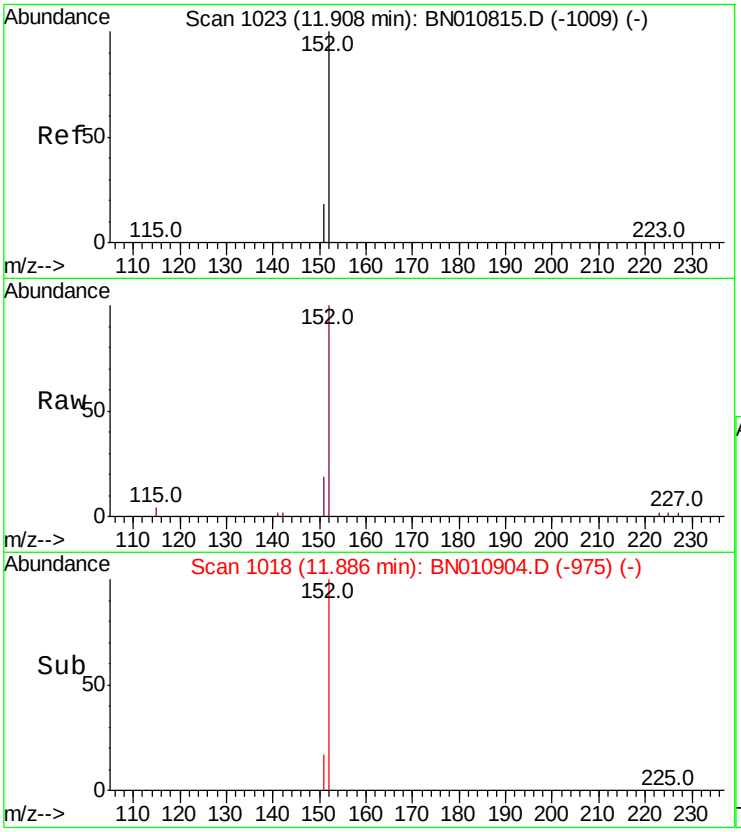


#10
Hexachlorobutadiene
Concen: 0.322 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:225 Resp: 1699

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.5	75.7



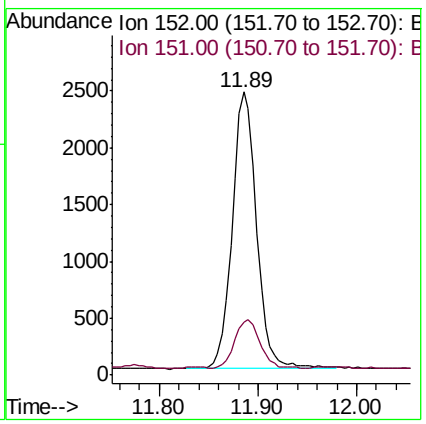


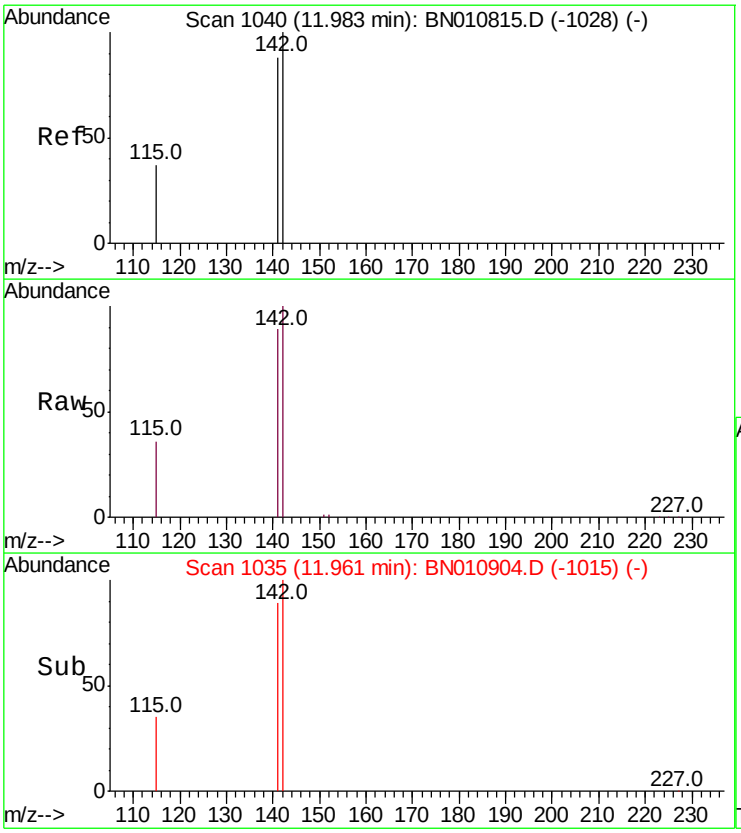
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:152 Resp: 4169

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.3	22.9

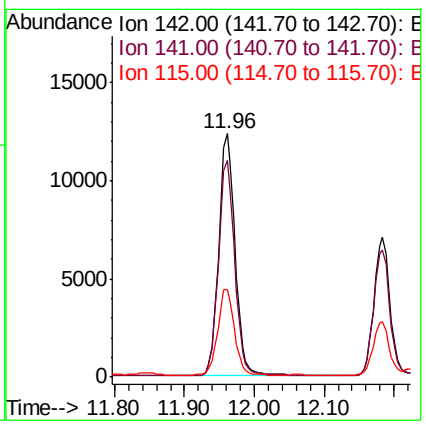


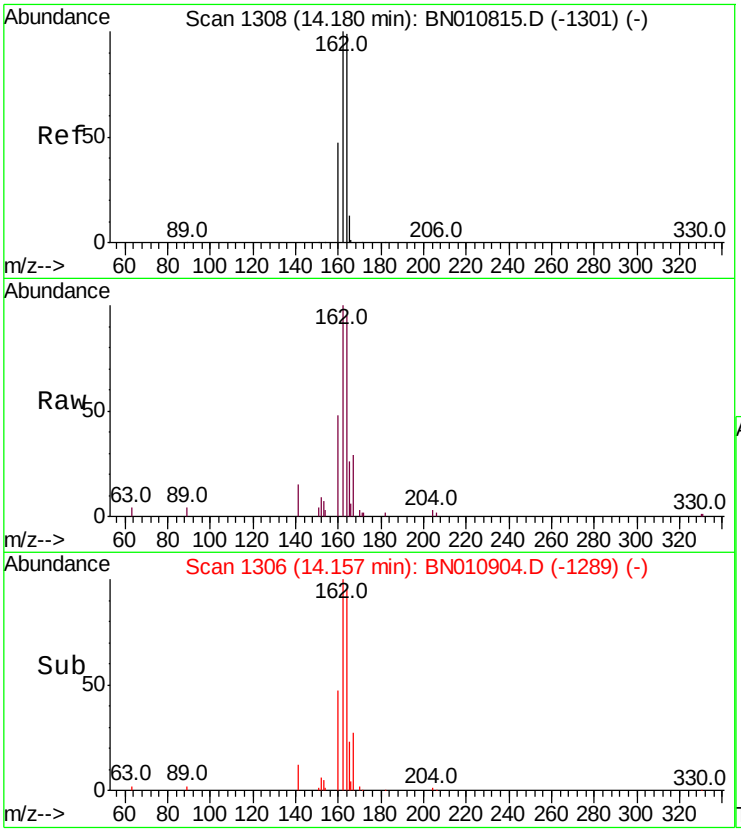


#12
2-Methylnaphthalene
Concen: 1.411 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:142 Resp: 20132

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	36.0	31.5	47.3



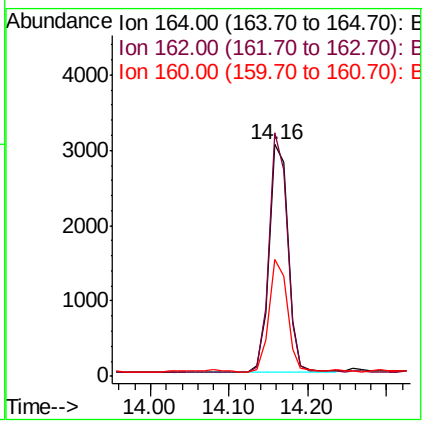


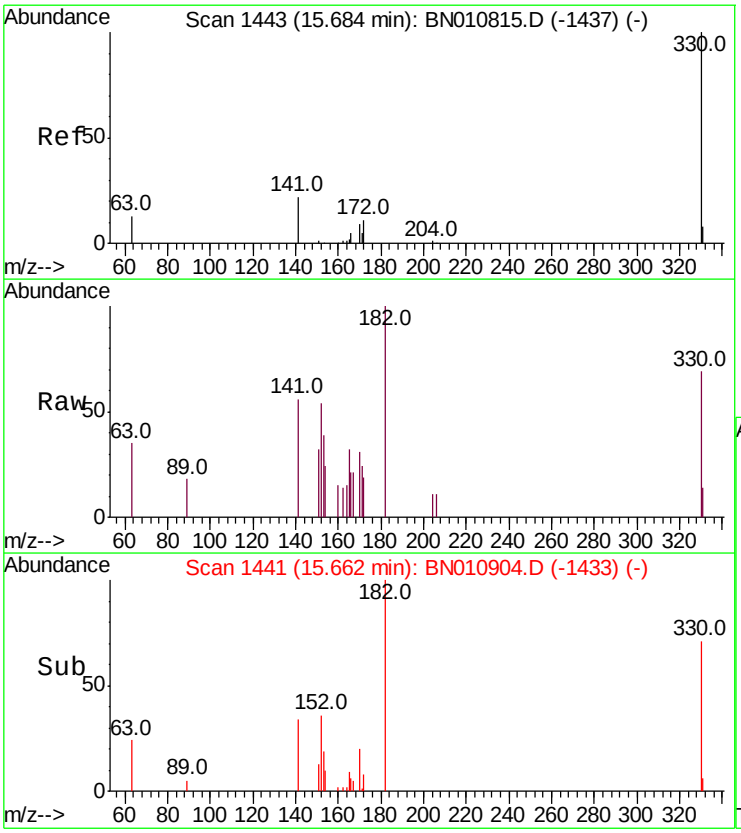
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:164 Resp: 5017

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.0	121.6
160	50.2	38.9	58.3

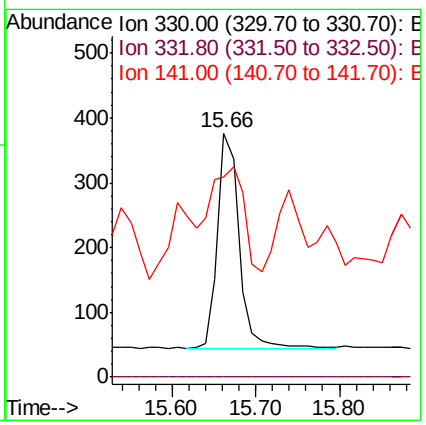


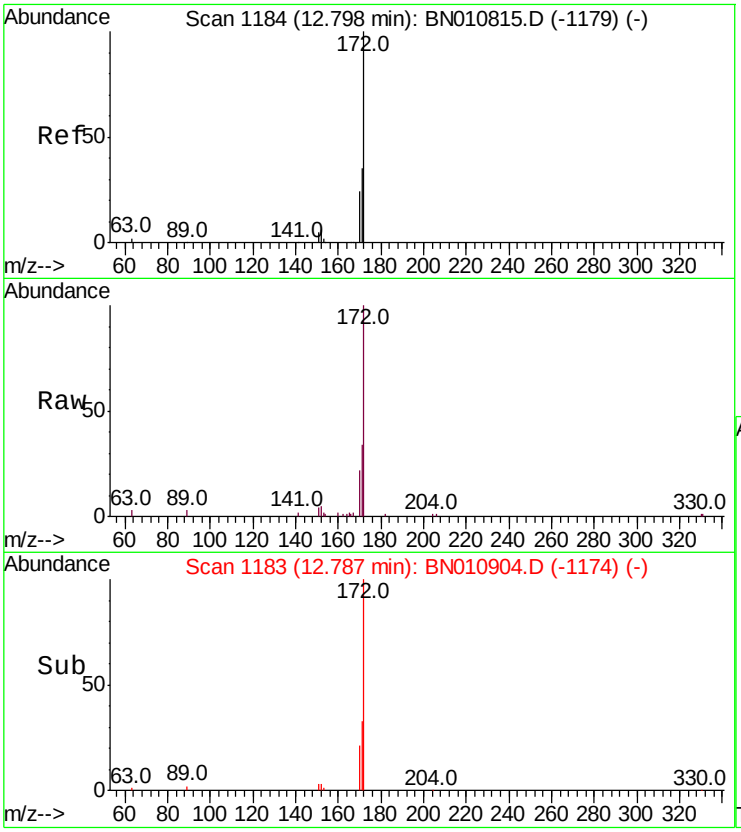


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:330 Resp: 592

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	75.5	33.2	49.8#



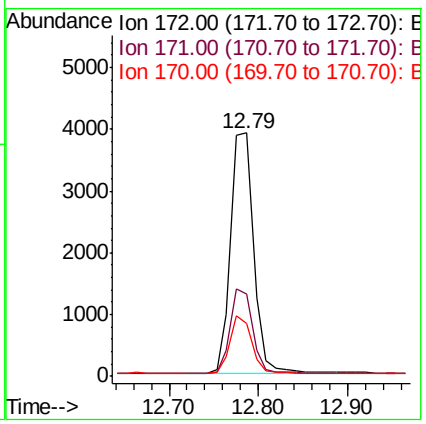


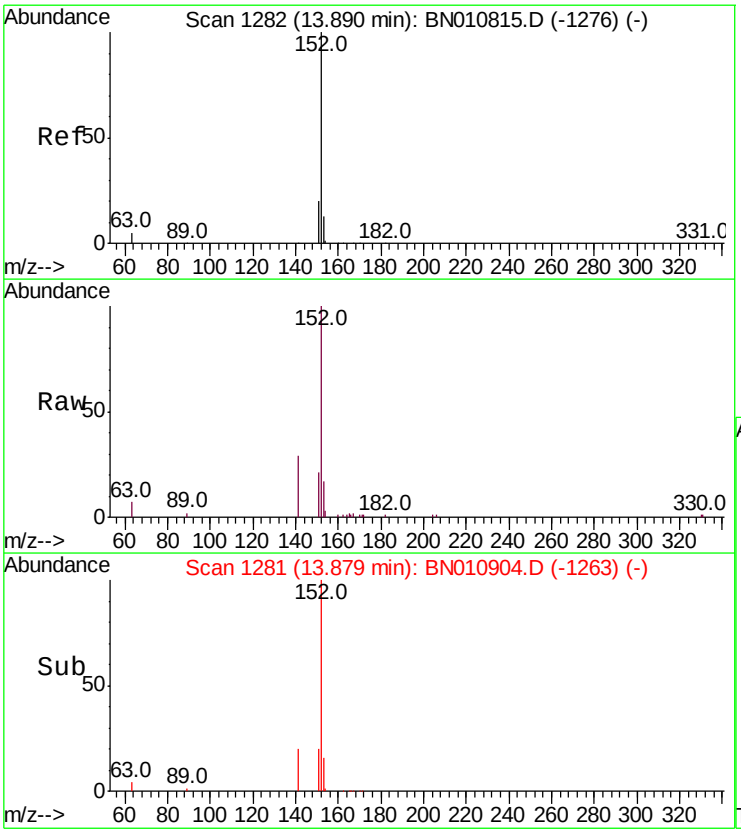
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:172 Resp: 7021

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	21.8	19.7	29.5

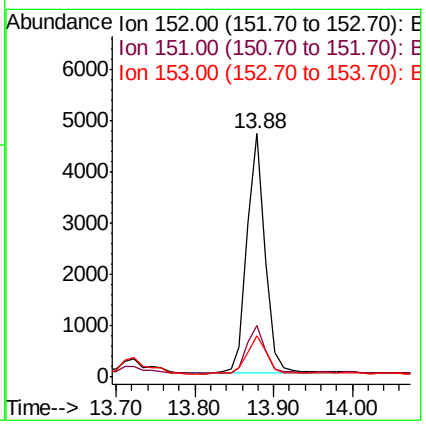


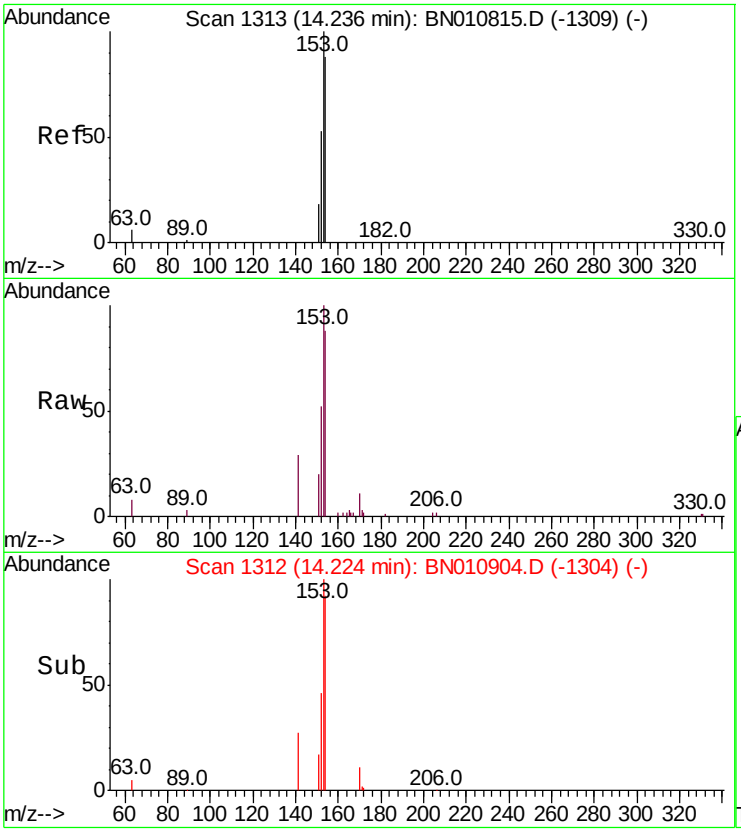


#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:152 Resp: 7470

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.6	23.4
153	16.6	10.6	16.0#



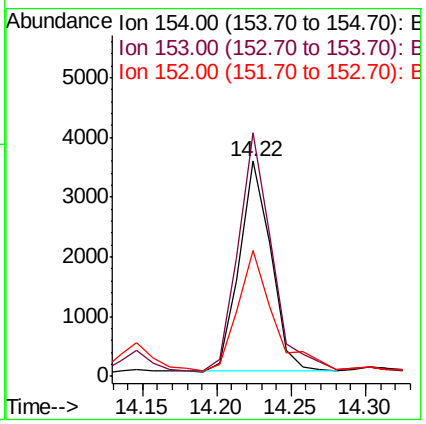


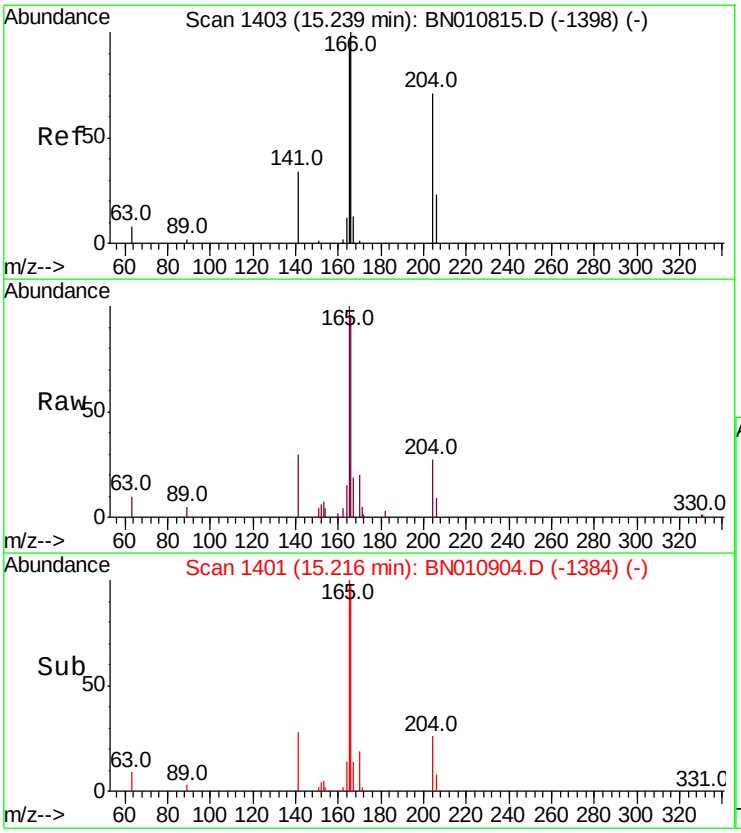
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:154 Resp: 5212

Ion	Ratio	Lower	Upper
154	100		
153	119.3	91.8	137.6
152	65.3	47.6	71.4

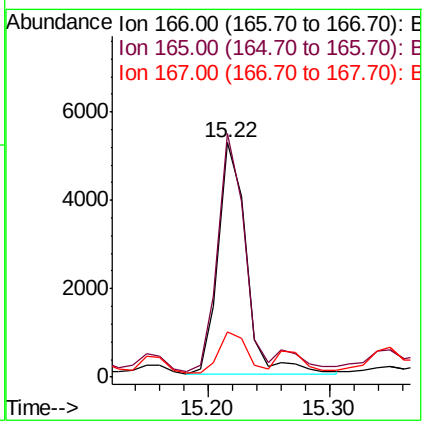


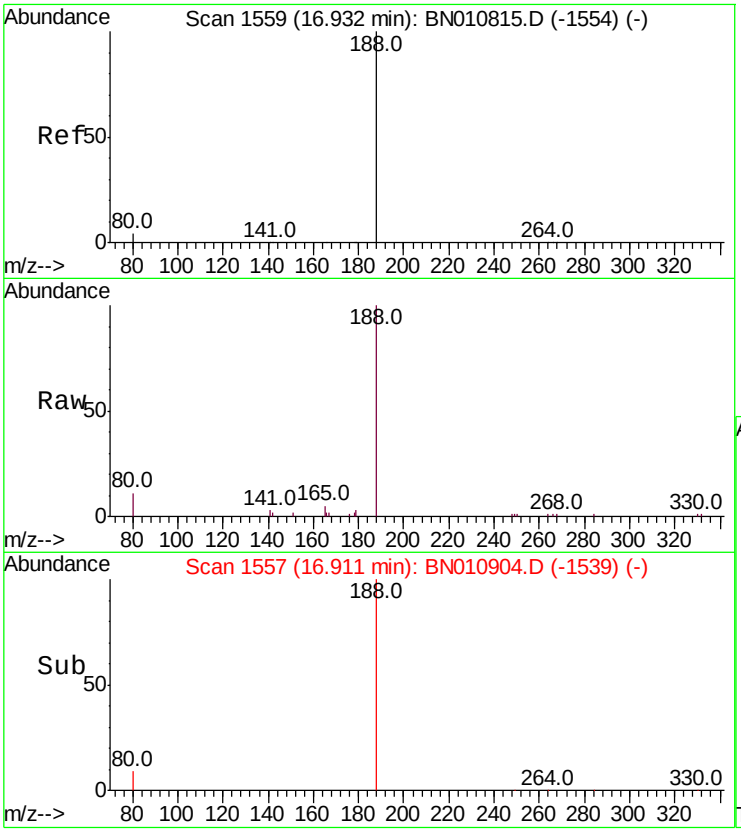


#18
Fluorene
Concen: 0.461 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:166 Resp: 8337

Ion	Ratio	Lower	Upper
166	100		
165	106.1	77.2	115.8
167	18.5	10.7	16.1#



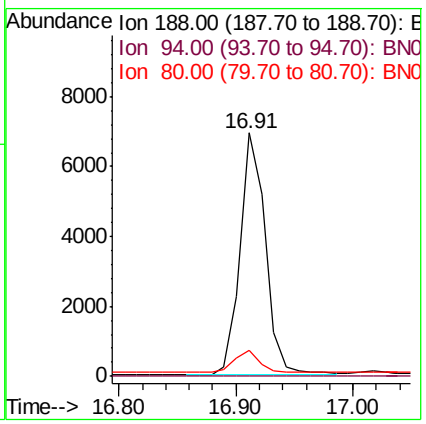


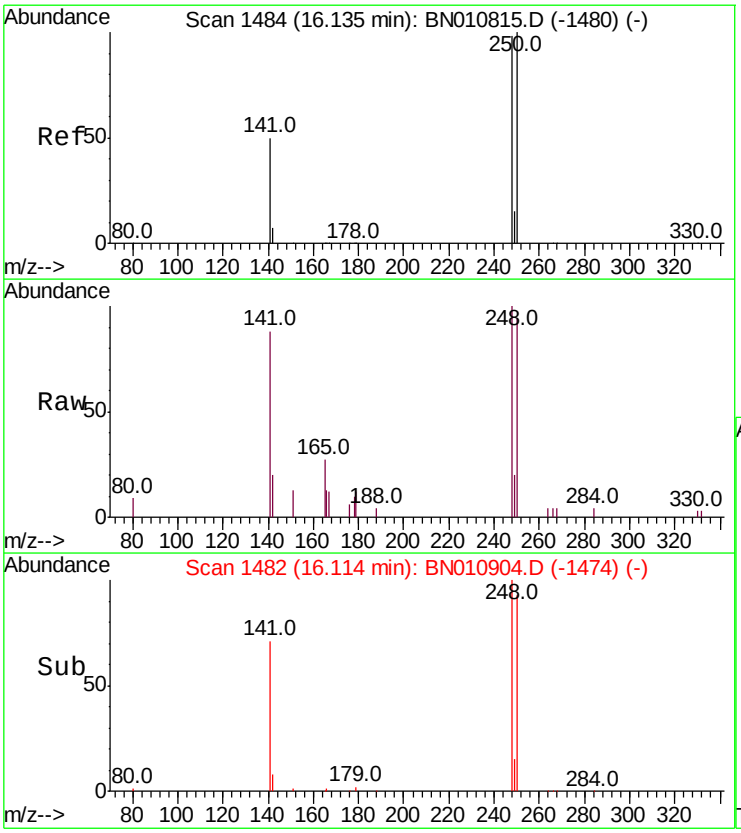
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:188 Resp: 10269

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	4.5	6.7#

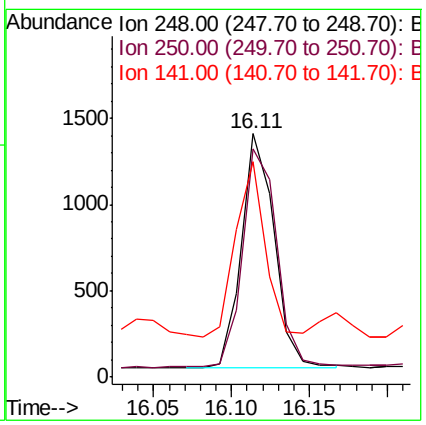


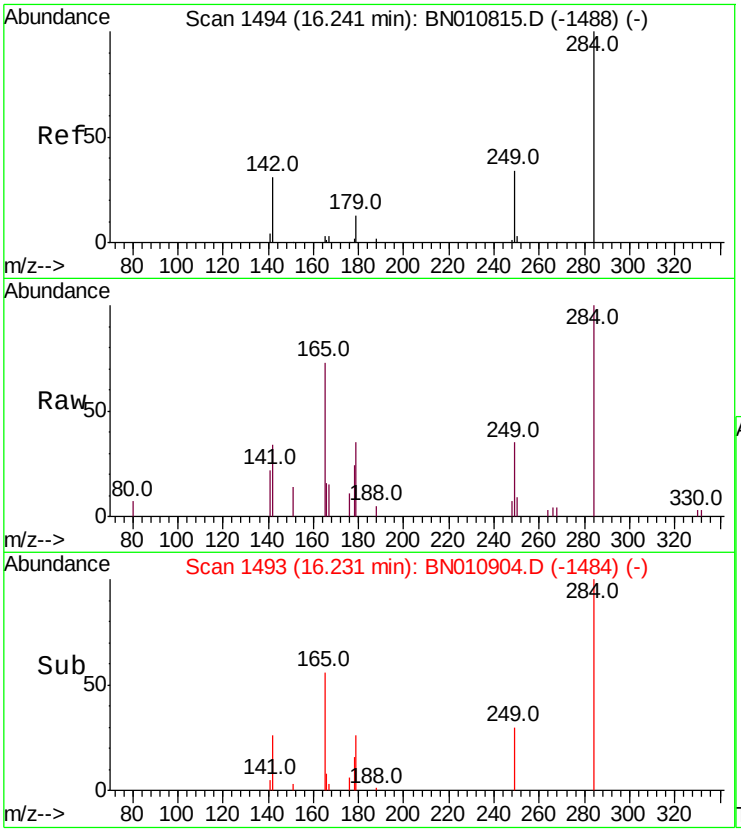


#20
4-Bromophenyl-phenylether
Concen: 0.323 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:248 Resp: 1993

Ion	Ratio	Lower	Upper
248	100		
250	93.9	81.8	122.8
141	88.4	42.6	64.0#



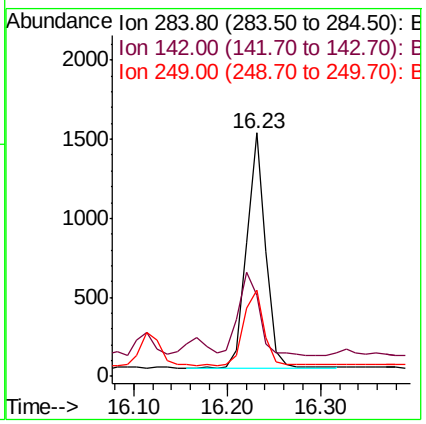


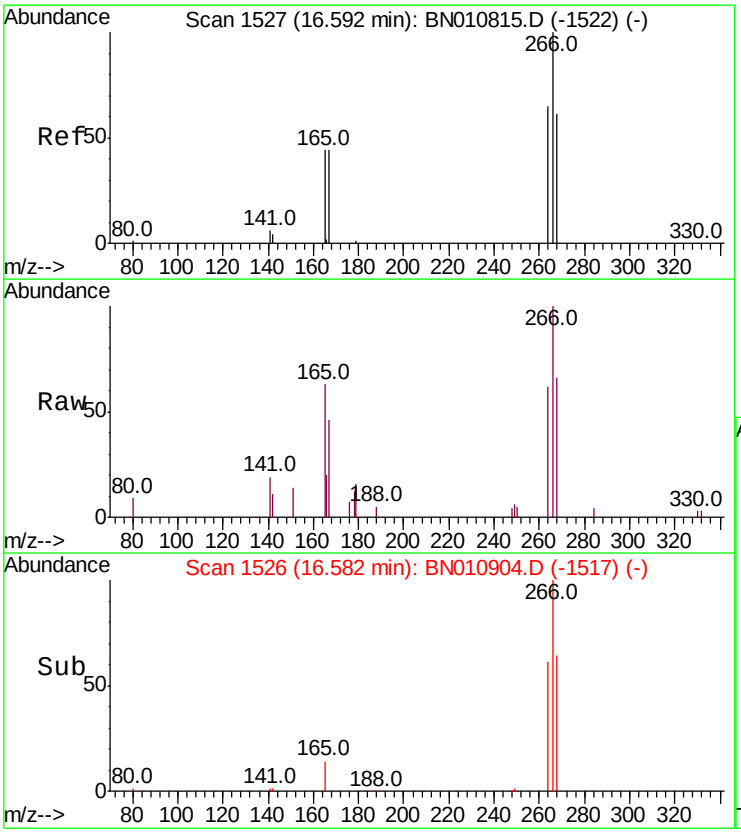
#21
Hexachlorobenzene
Concen: 0.327 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:284 Resp: 2103

Ion	Ratio	Lower	Upper
284	100		
142	39.8	31.0	46.4
249	34.6	27.1	40.7

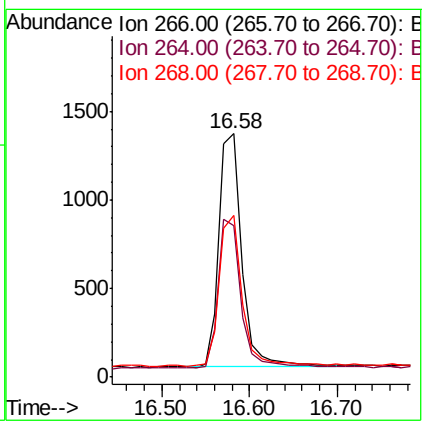


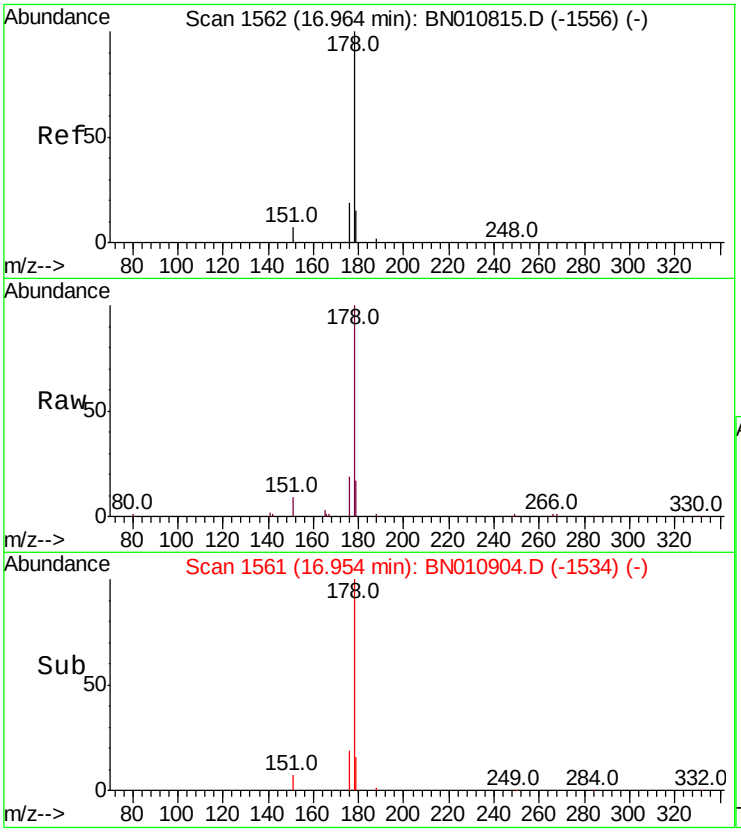


#22
Pentachlorophenol
Concen: 1.118 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:266 Resp: 2415

Ion	Ratio	Lower	Upper
266	100		
264	62.2	54.8	82.2
268	66.4	55.9	83.9



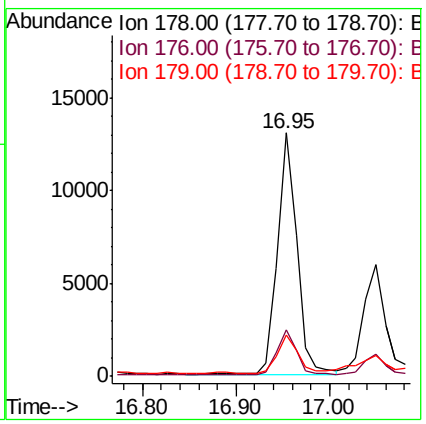


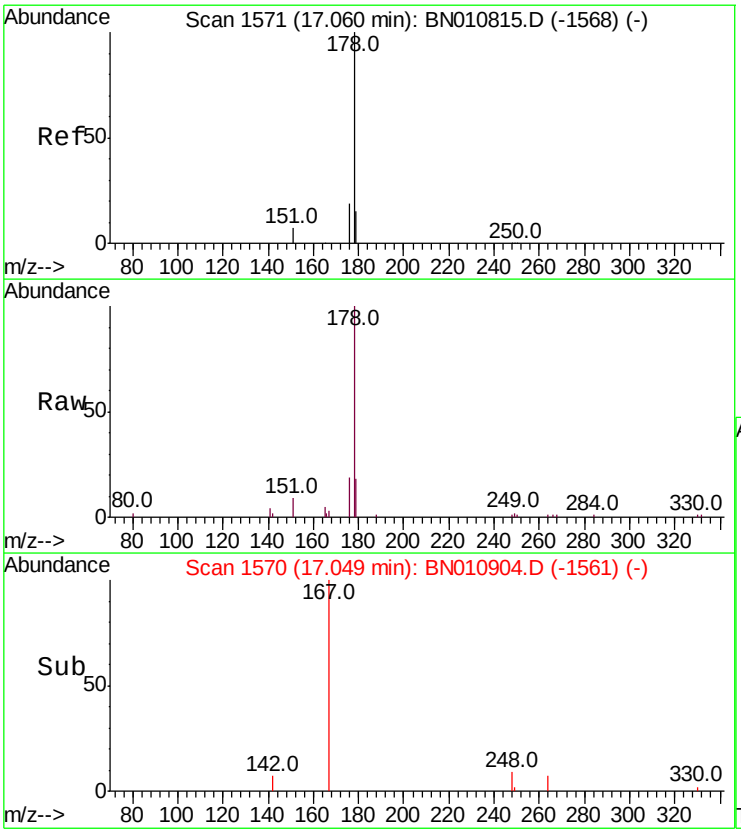
#23
Phenanthrene
Concen: 0.660 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:178 Resp: 18514

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.8	12.6	19.0

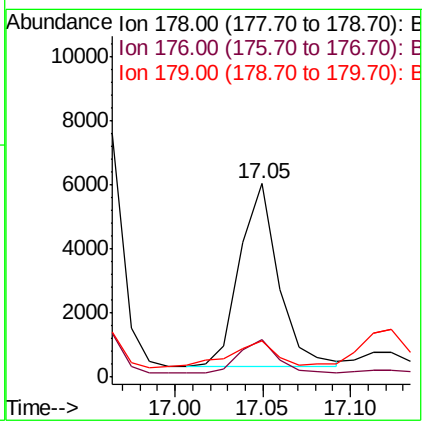


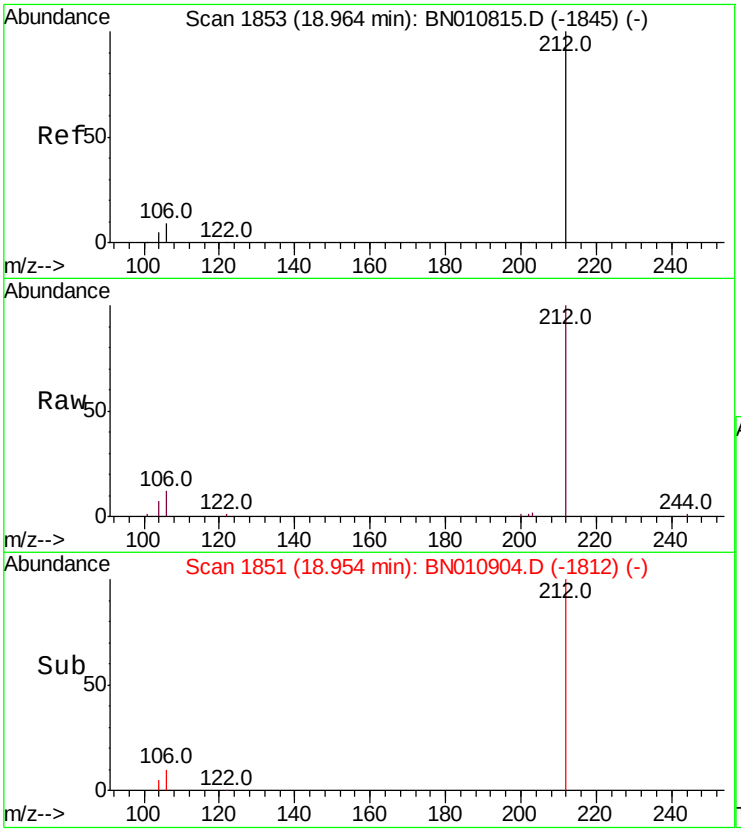


#24
Anthracene
Concen: 0.376 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:178 Resp: 8804

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	17.6	12.3	18.5



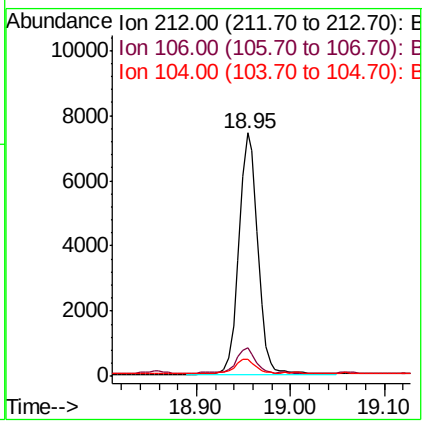


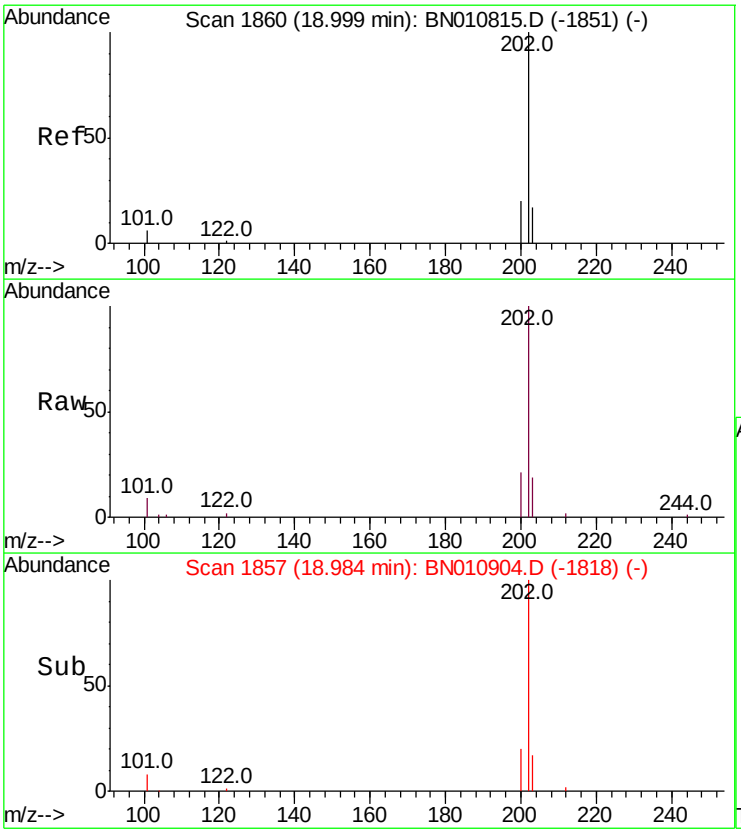
#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:212 Resp: 10331

Ion	Ratio	Lower	Upper
212	100		
106	9.7	6.6	10.0
104	6.1	4.0	6.0#

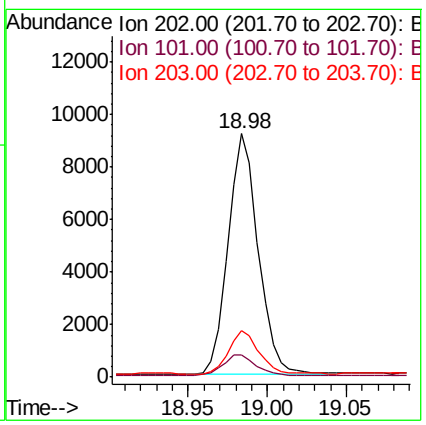


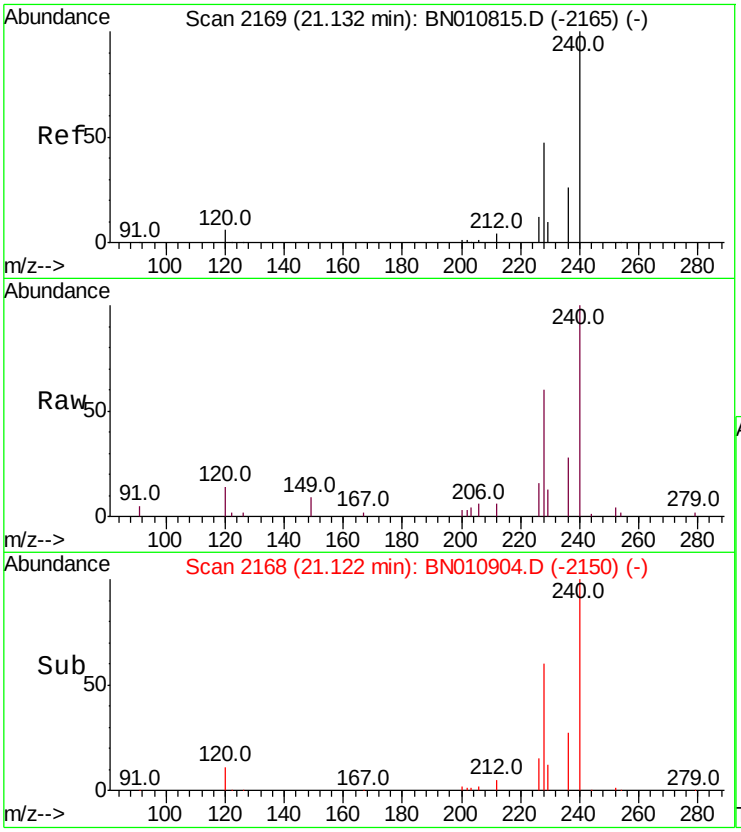


#26
Fluoranthene
Concen: 0.384 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:202 Resp: 12240

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	17.7	13.7	20.5



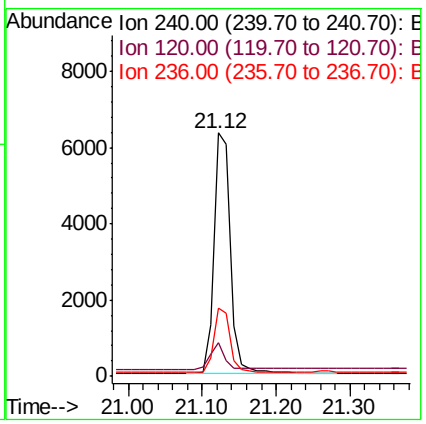


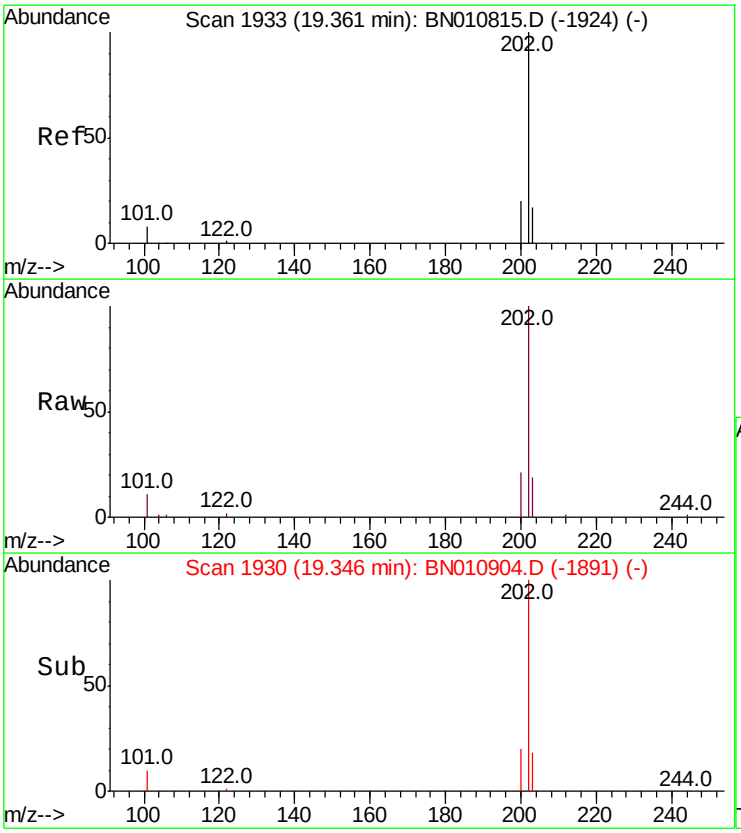
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:240 Resp: 10051

Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.5	11.3#
236	27.9	22.3	33.5

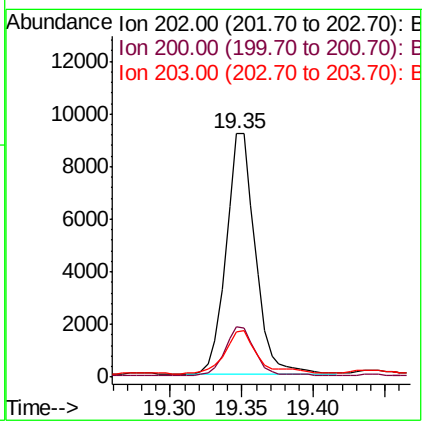


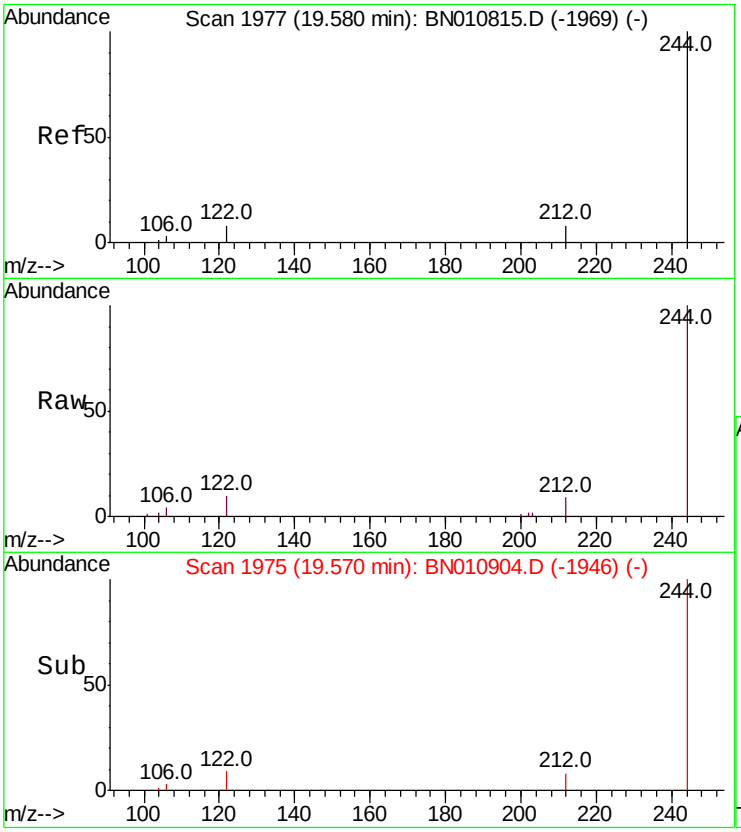


#28
Pyrene
Concen: 0.393 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:202 Resp: 13057

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	20.6	14.2	21.4



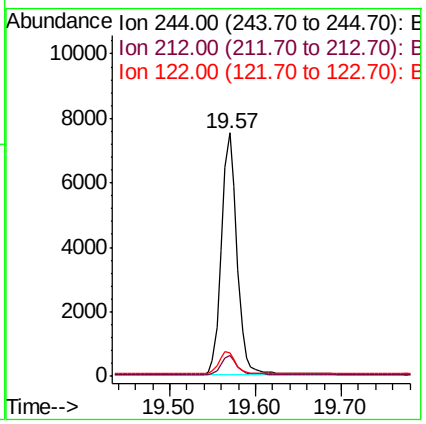


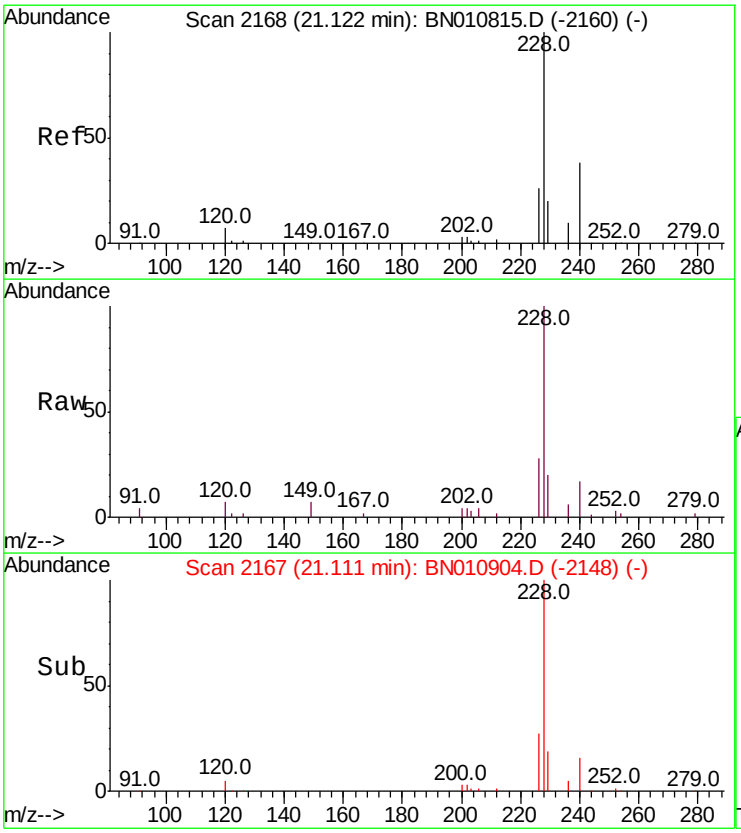
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:244 Resp: 9549

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.8	7.5	11.3

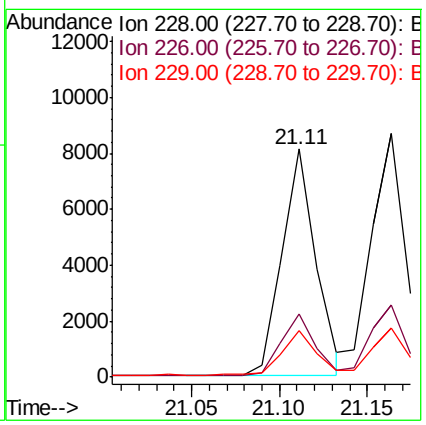


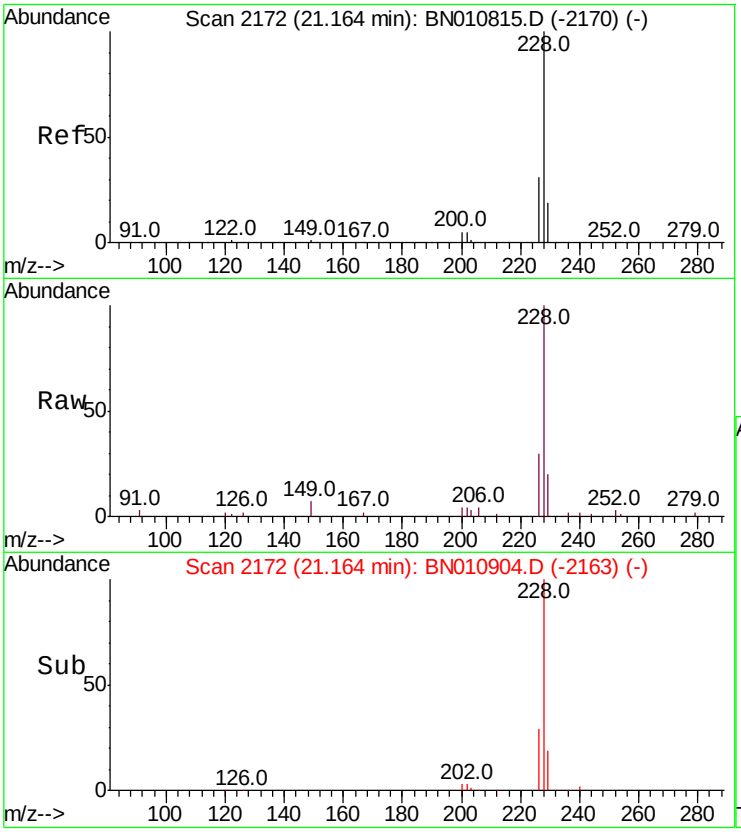


#30
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:228 Resp: 10819

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.3	16.6	24.8



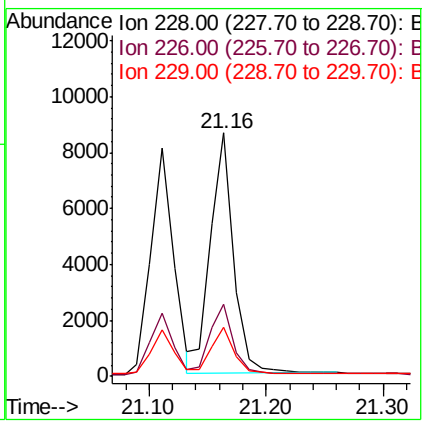


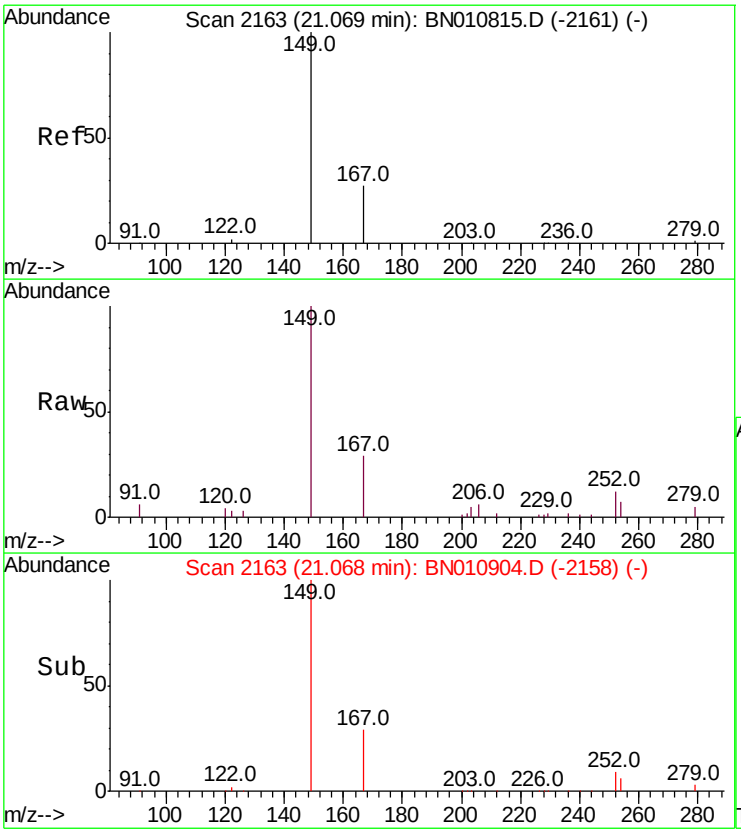
#31
Chrysene
Concen: 0.346 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:228 Resp: 11922

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.3	16.1	24.1

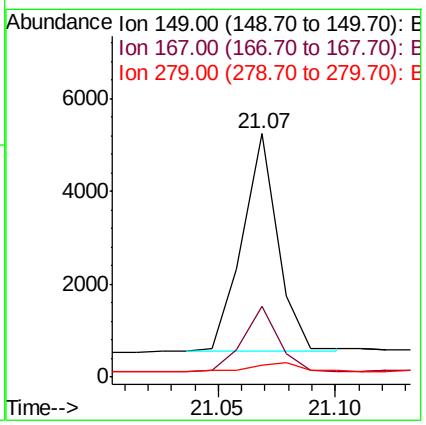


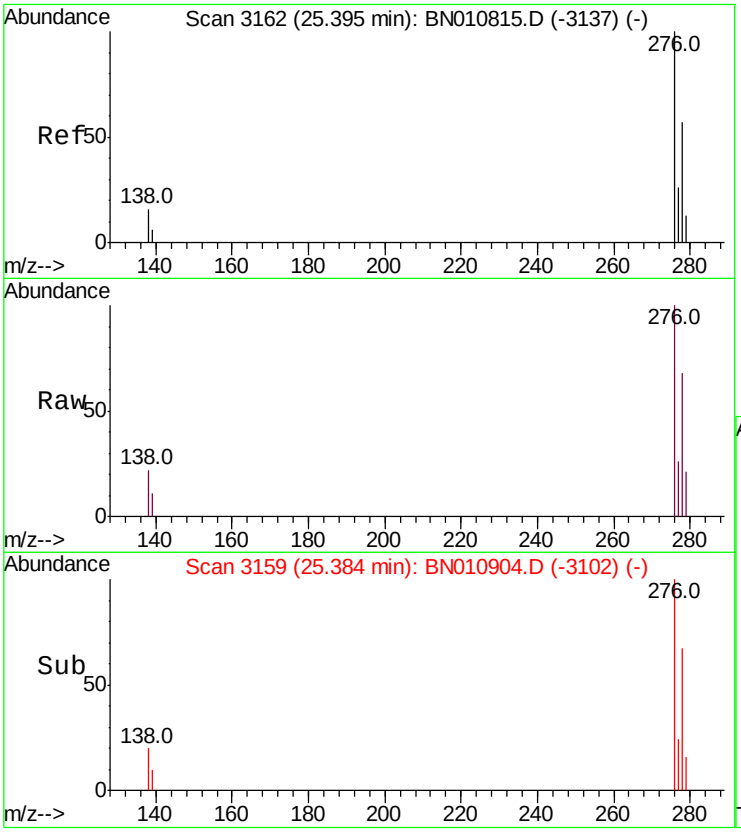


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.505 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:149 Resp: 4970

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.1	36.1
279	4.7	4.6	7.0



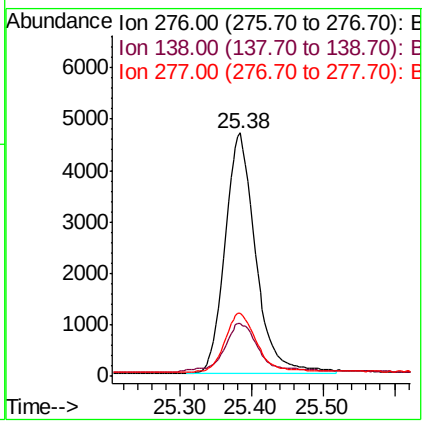


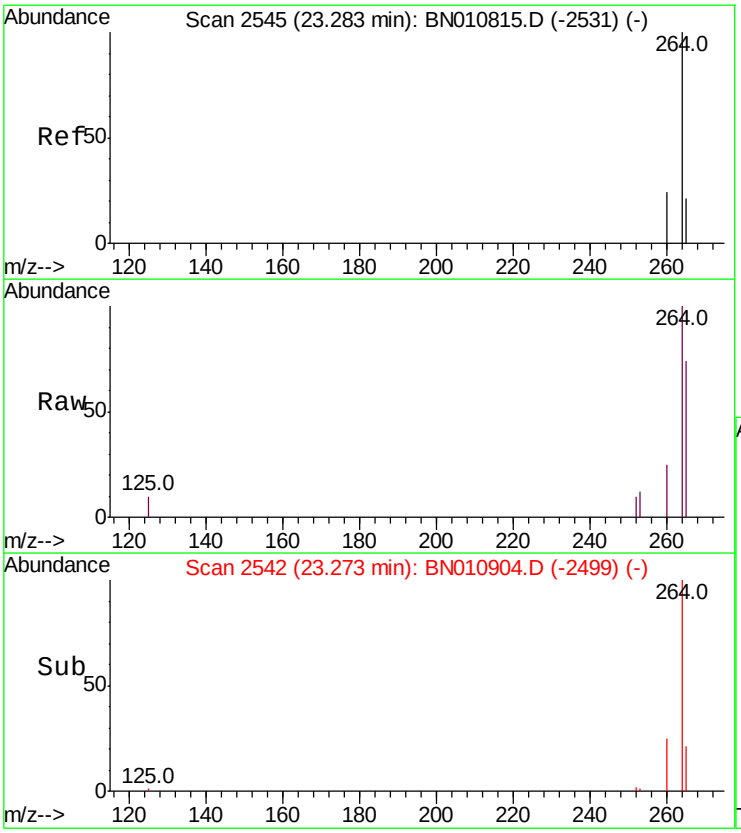
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 25.38 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:276 Resp: 13919

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.0	19.6#
277	25.1	19.7	29.5

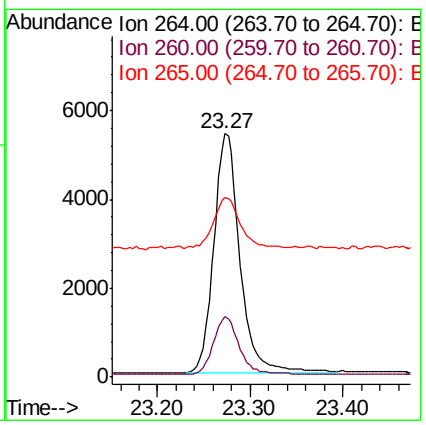


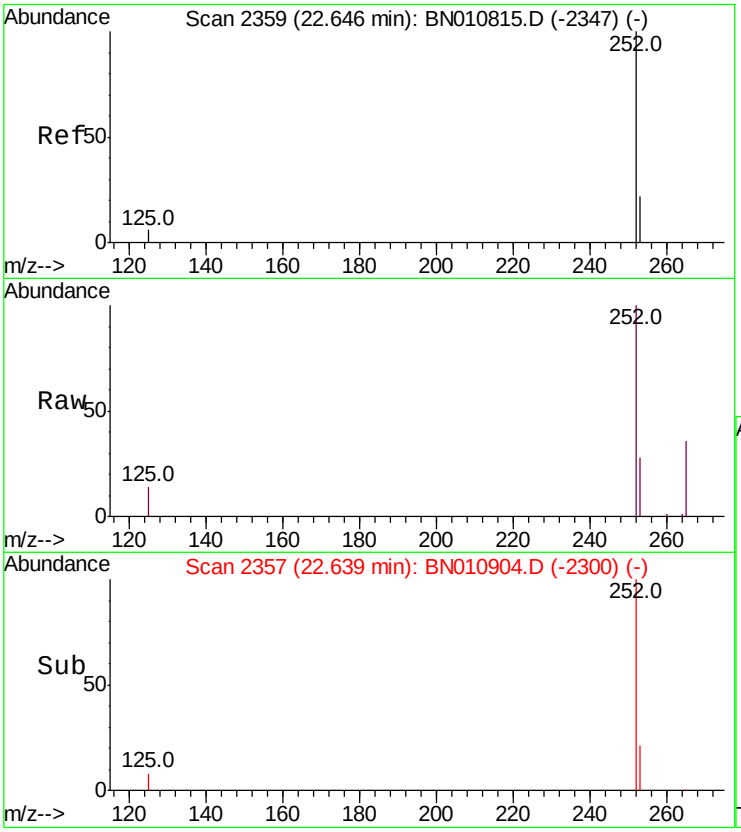


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:264 Resp: 10633

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	73.9	75.0	112.4#



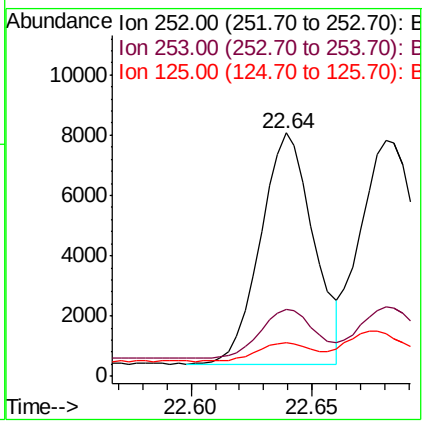


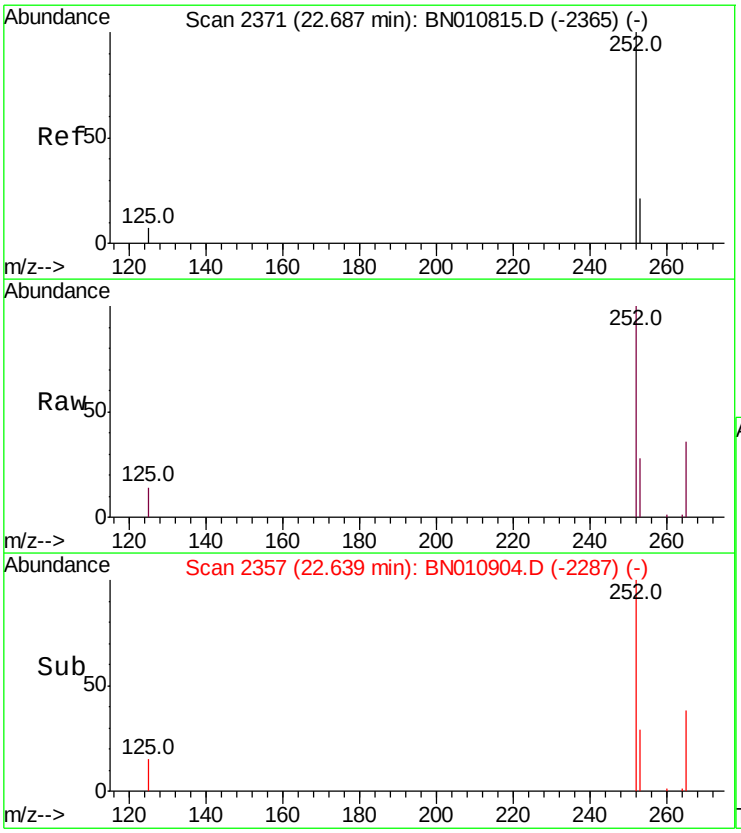
#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 22.64 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:252 Resp: 11656

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.4	33.6
125	13.9	9.4	14.0

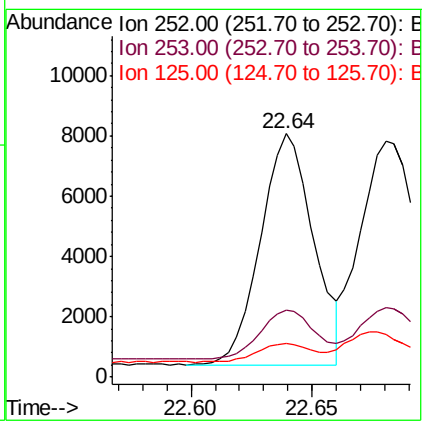


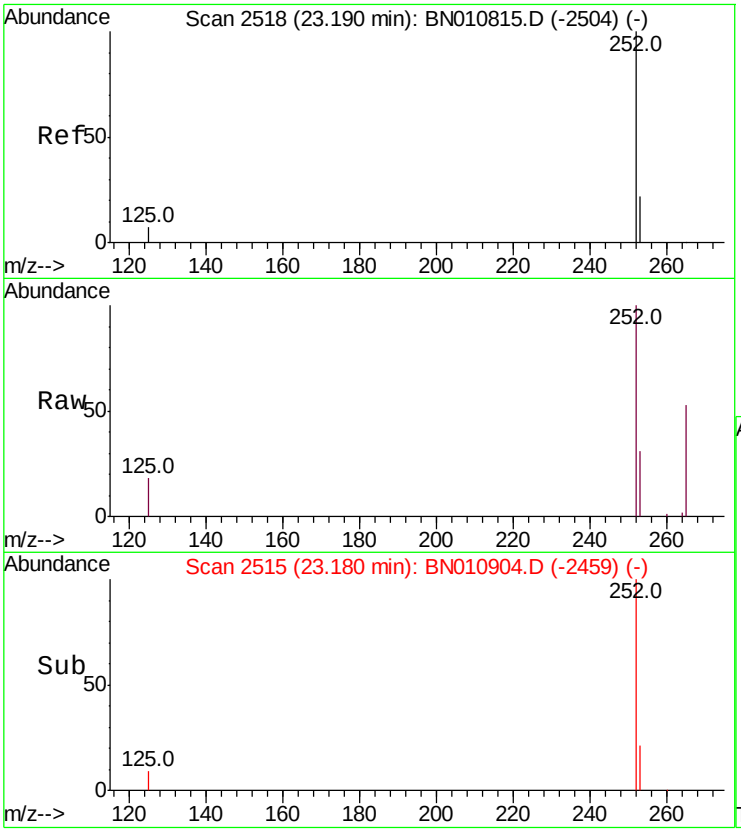


#36
Benzo(k)fluoranthene
Concen: 0.303 ng
RT: 22.64 min Scan# 2357
Delta R.T. -0.04 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:252 Resp: 11656

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.2	33.4
125	13.9	9.8	14.8



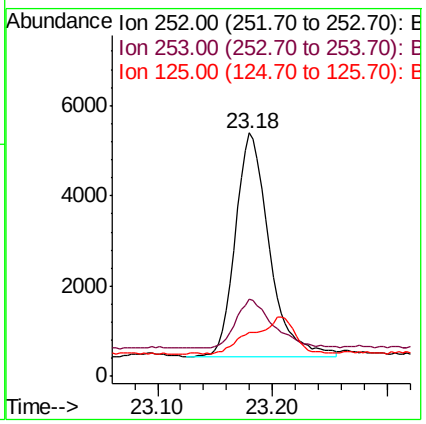


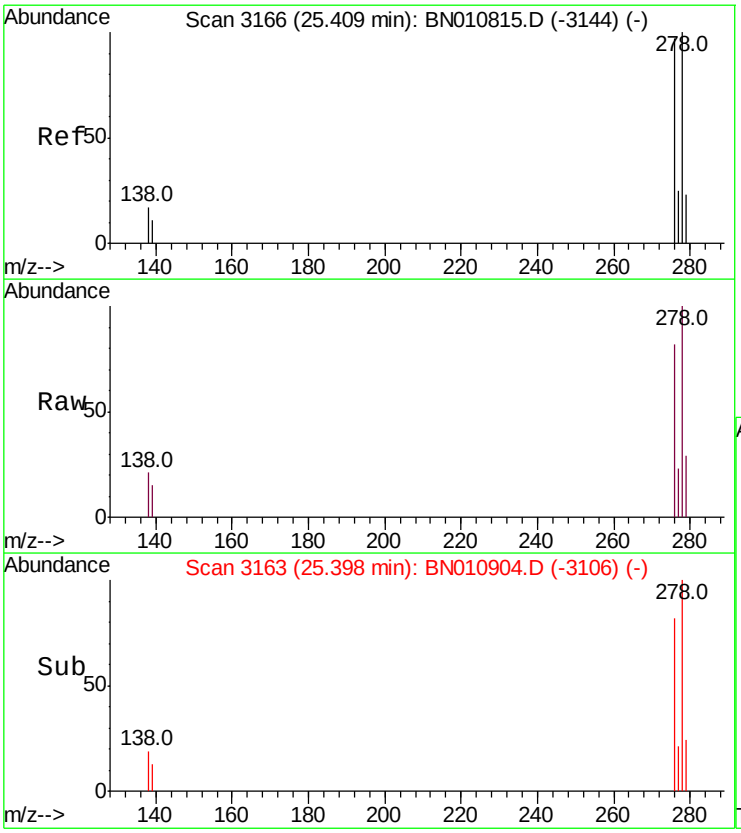
#37
Benzo(a)pyrene
Concen: 0.328 ng
RT: 23.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:252 Resp: 10163

Ion	Ratio	Lower	Upper
252	100		
253	31.5	25.8	38.8
125	18.0	12.4	18.6

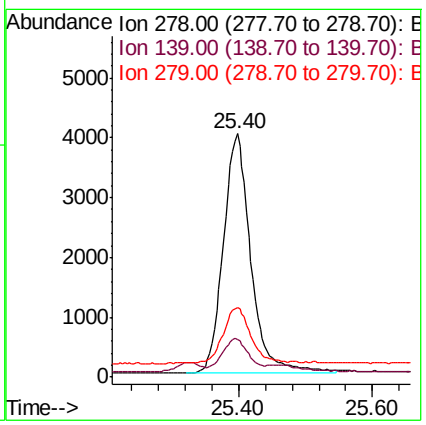


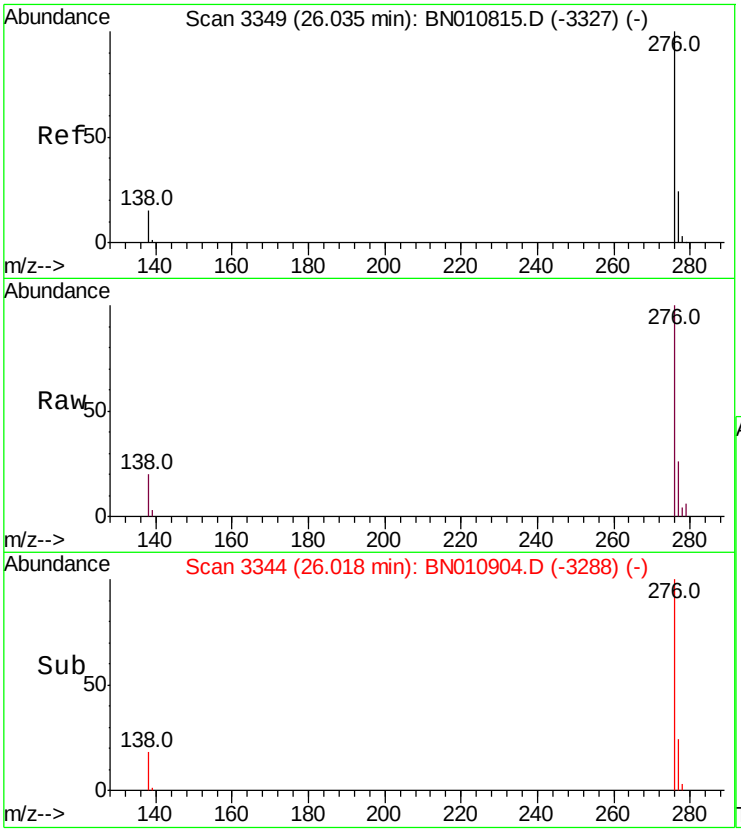


#38
Dibenzo(a,h)anthracene
Concen: 0.324 ng
RT: 25.40 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:278 Resp: 11459

Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.6	15.8
279	28.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.331 ng
RT: 26.02 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tgt Ion:276 Resp: 12232

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	19.7	13.7	20.5