Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010905.D
Acq On : 16 Jun 2020 14:07
Operator : CG/JU
Sample : L2993-04MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SS043MW014-200610MSD

Quant Time: Jun 16 14:36:34 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	2463	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8921	0.40	ng		-0.01
13) Acenaphthene-d10	14.16	164	5192	0.40	ng		-0.01
19) Phenanthrene-d10	16.91	188	10717	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	10240	0.40	ng		-0.01
34) Perylene-d12	23.27	264	11073	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	926	0.19	ng		0.00
5) Phenol-d6	6.74	99	574	0.10	ng		0.00
8) Nitrobenzene-d5	8.68	82	2458	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4409	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	626	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	6787	0.33	ng		0.00
25) Fluoranthene-d10	18.95	212	10462	0.35	ng		0.00
29) Terphenyl-d14	19.57	244	9639	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	931	0.386	ng	#	79
3) n-Nitrosodimethylamine	3.52	42	589	0.420	ng	#	93
6) bis(2-Chloroethyl)ether	6.99	93	2326	0.426	ng		95
9) Naphthalene	10.34	128	13355	0.596	ng		99
10) Hexachlorobutadiene	10.63	225	1788	0.323	ng	#	99
12) 2-Methylnaphthalene	11.96	142	21283	1.419	ng		98
16) Acenaphthylene	13.88	152	7755	0.365	ng	#	95
17) Acenaphthene	14.22	154	5394	0.372	ng		93
18) Fluorene	15.22	166	8585	0.459	ng	#	91
20) 4-Bromophenyl-phenylether	16.11	248	2066	0.321	ng	#	77
21) Hexachlorobenzene	16.23	284	2142	0.319	ng		95
22) Pentachlorophenol	16.58	266	2541	1.127	ng		94
23) Phenanthrene	16.95	178	19057	0.651	ng		99
24) Anthracene	17.05	178	9058	0.371	ng		97
26) Fluoranthene	18.98	202	12555	0.378	ng	#	98
28) Pyrene	19.35	202	13332	0.394	ng		97
30) Benzo(a)anthracene	21.11	228	11355	0.377	ng		99
31) Chrysene	21.16	228	13248	0.378	ng		97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5203	0.518	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	14576	0.372	ng	#	94
35) Benzo(b)fluoranthene	22.64	252	12223	0.325	ng	#	97
36) Benzo(k)fluoranthene	22.64	252	12223	0.305	ng		98
37) Benzo(a)pyrene	23.18	252	10803	0.335	ng		96
38) Dibenzo(a,h)anthracene	25.39	278	11851	0.322	ng		98
39) Benzo(g,h,i)perylene	26.02	276	12597	0.327	ng		97

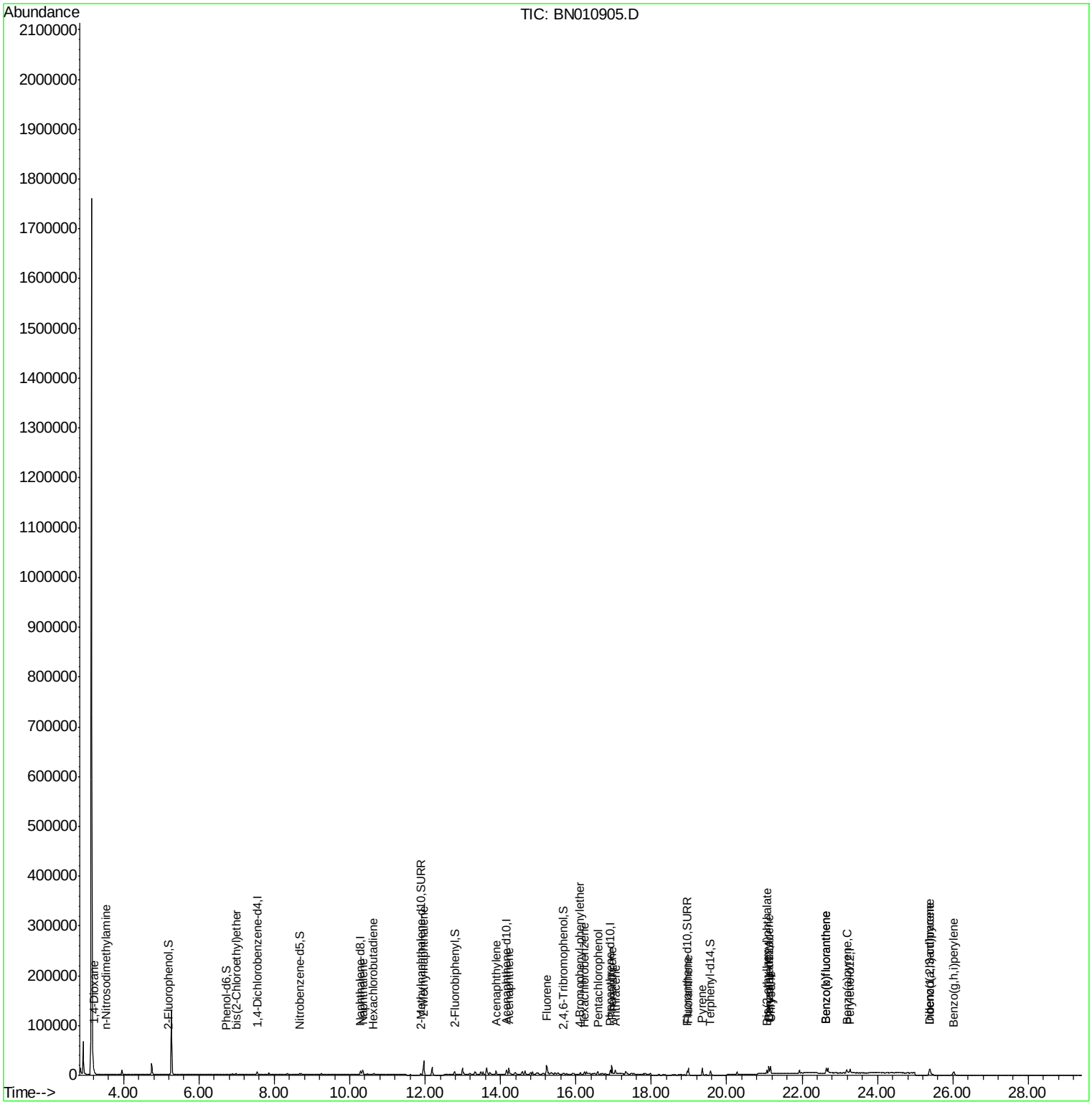
(#) = qualifier out of range (m) = manual integration (+) = signals summed

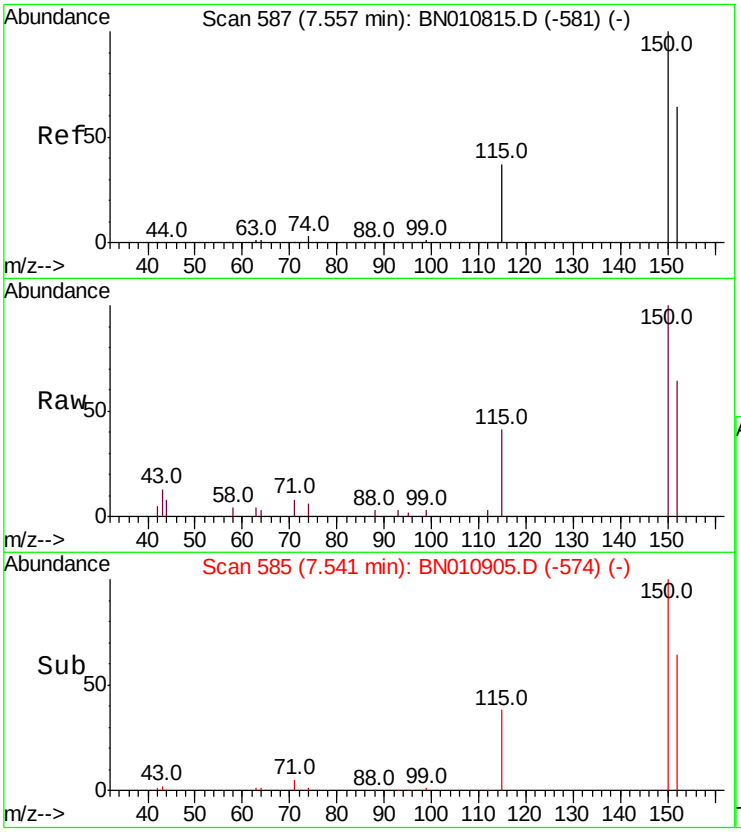
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010905.D
Acq On : 16 Jun 2020 14:07
Operator : CG/JU
Sample : L2993-04MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Quant Time: Jun 16 14:36:34 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



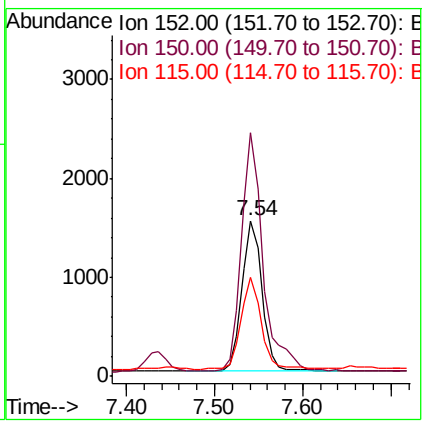


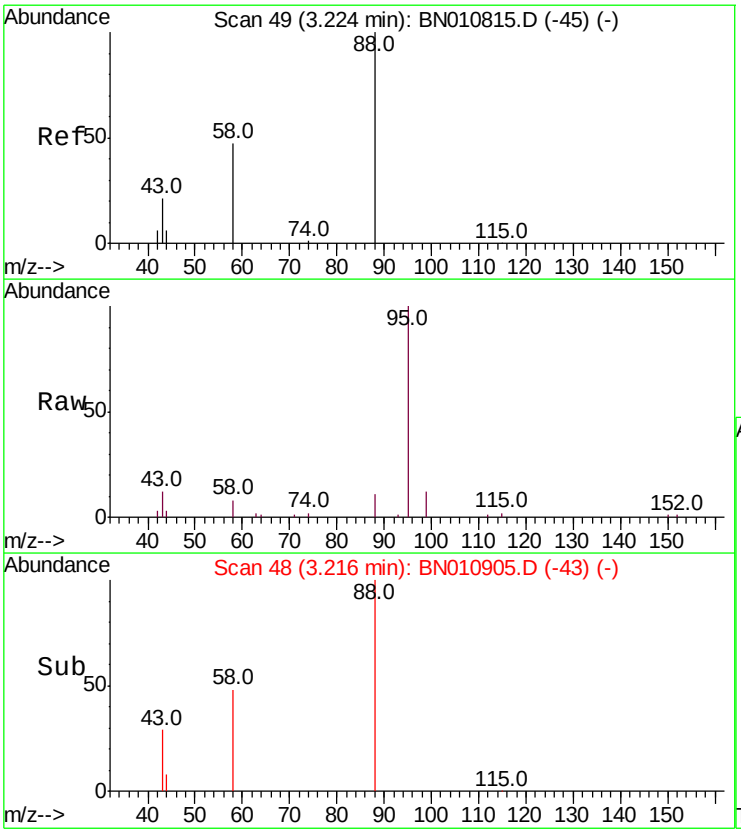
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:152 Resp: 2463

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	63.7	49.2	73.8

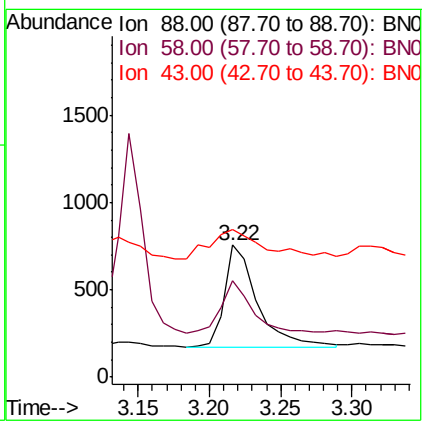


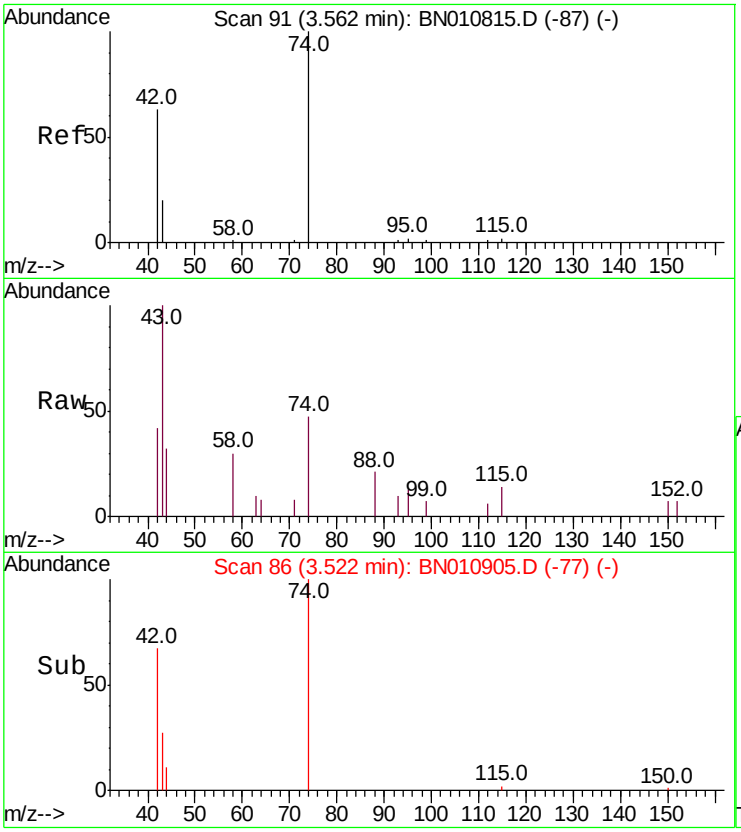


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion: 88 Resp: 931

Ion	Ratio	Lower	Upper
88	100		
58	46.9	38.2	57.4
43	50.8	15.1	22.7#



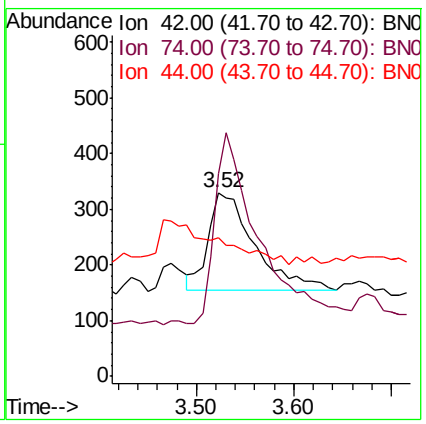


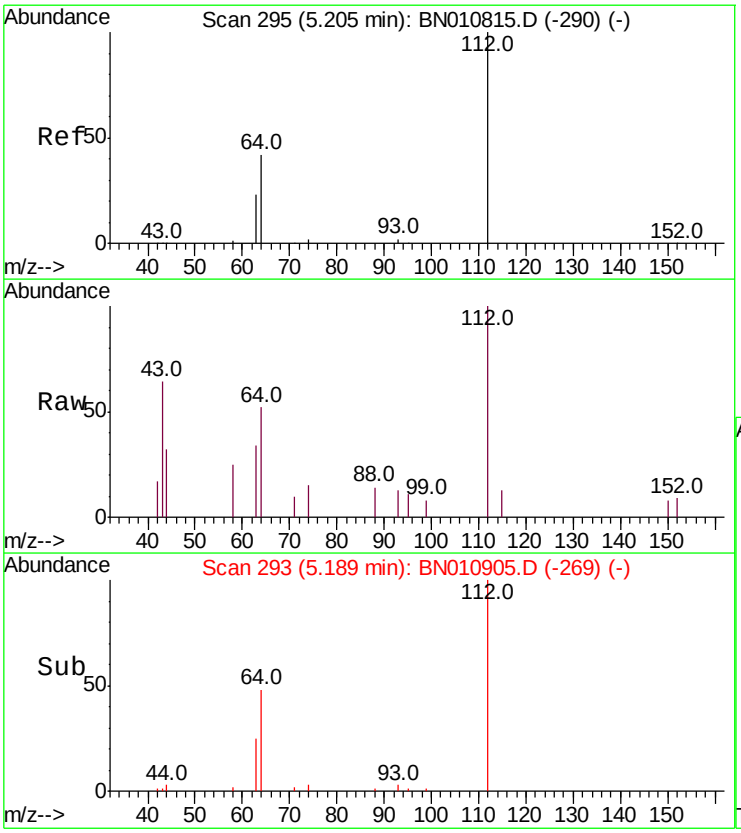
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.02 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion: 42 Resp: 589

Ion	Ratio	Lower	Upper
42	100		
74	185.9	140.7	211.1
44	0.0	1.4	2.2#

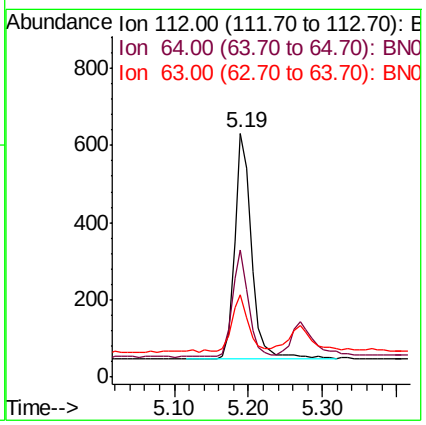


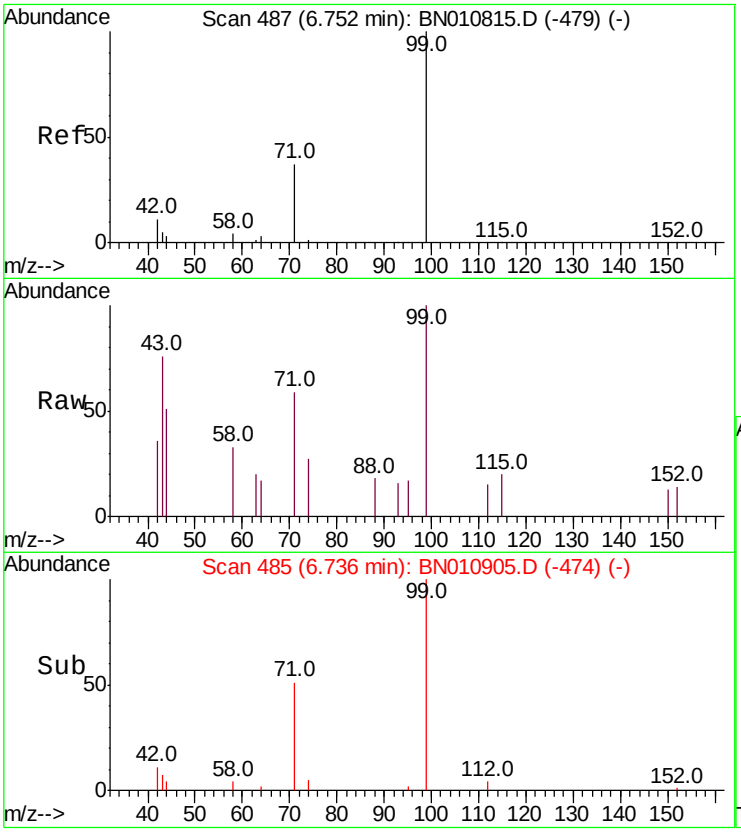


#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:112 Resp: 926

Ion	Ratio	Lower	Upper
112	100		
64	43.8	37.4	56.0
63	24.8	22.2	33.4



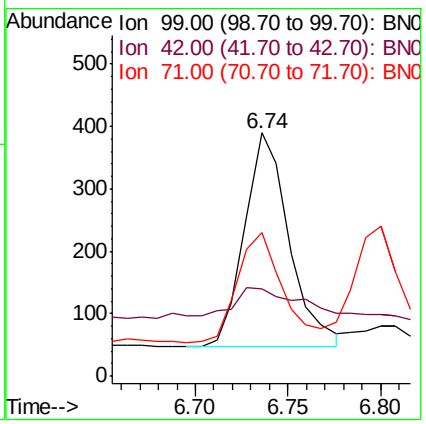


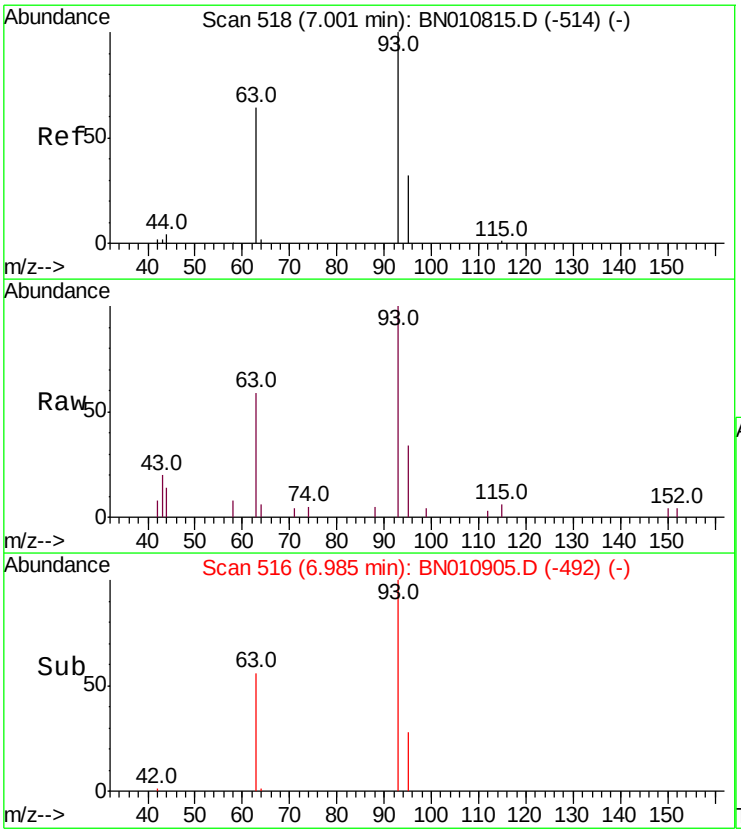
#5
Phenol-d6
Concen: 0.102 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion: 99 Resp: 574

Ion	Ratio	Lower	Upper
99	100		
42	30.0	11.1	16.7#
71	52.3	31.4	47.2#

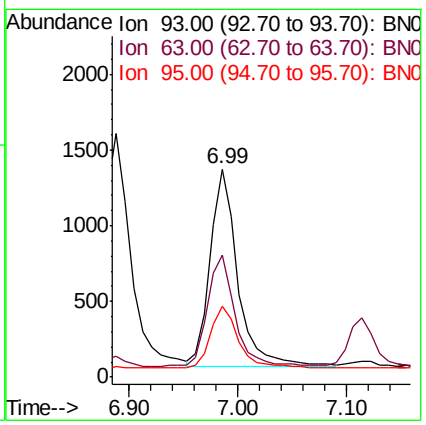


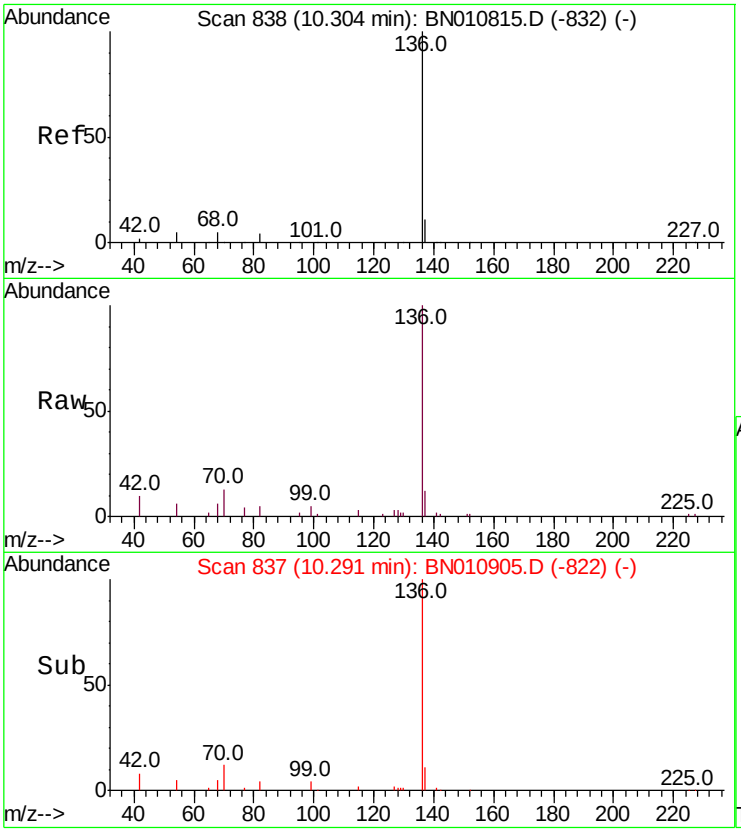


#6
bis(2-Chloroethyl)ether
Concen: 0.426 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion: 93 Resp: 2326

Ion	Ratio	Lower	Upper
93	100		
63	56.4	49.4	74.2
95	31.9	26.7	40.1



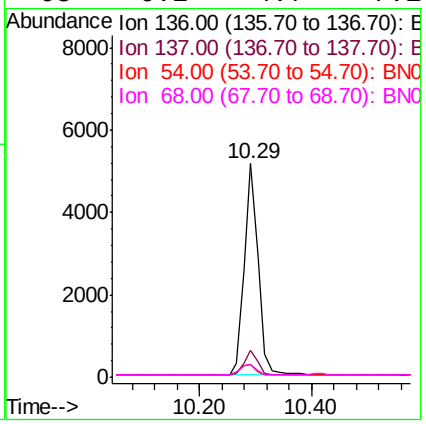


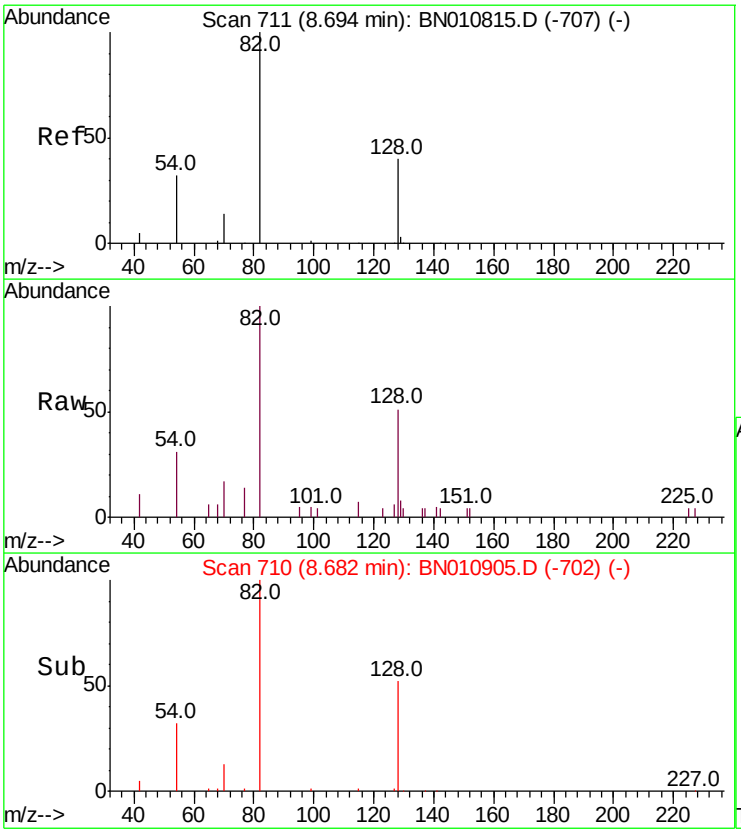
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:136 Resp: 8921

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	5.9	4.9	7.3
68	6.2	4.7	7.1

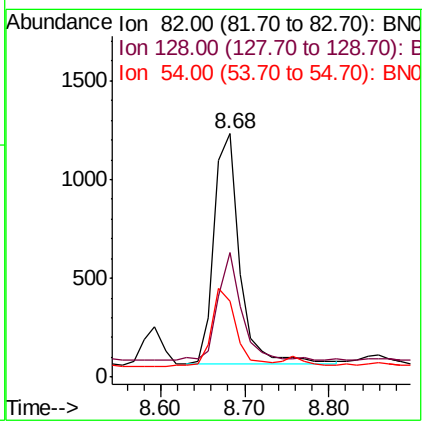


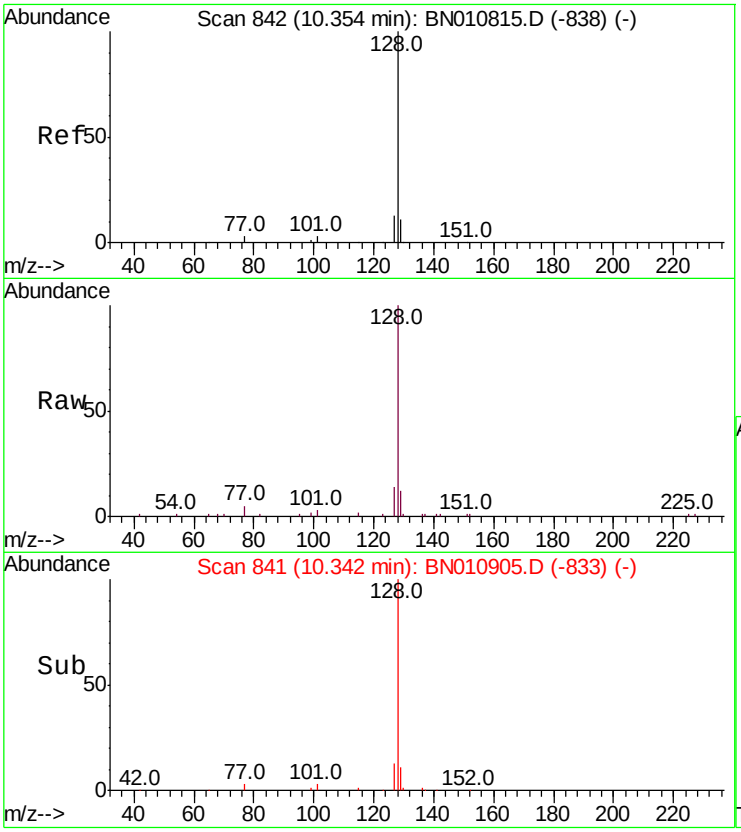


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion: 82 Resp: 2458

Ion	Ratio	Lower	Upper
82	100		
128	51.0	35.4	53.0
54	31.2	28.2	42.4



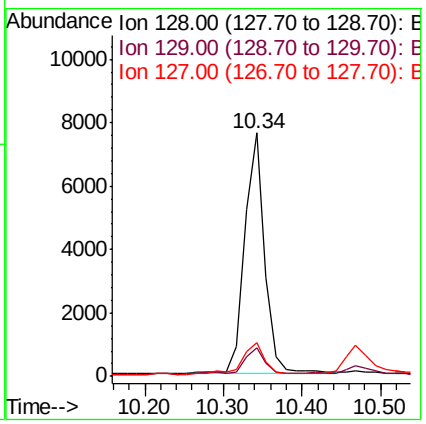


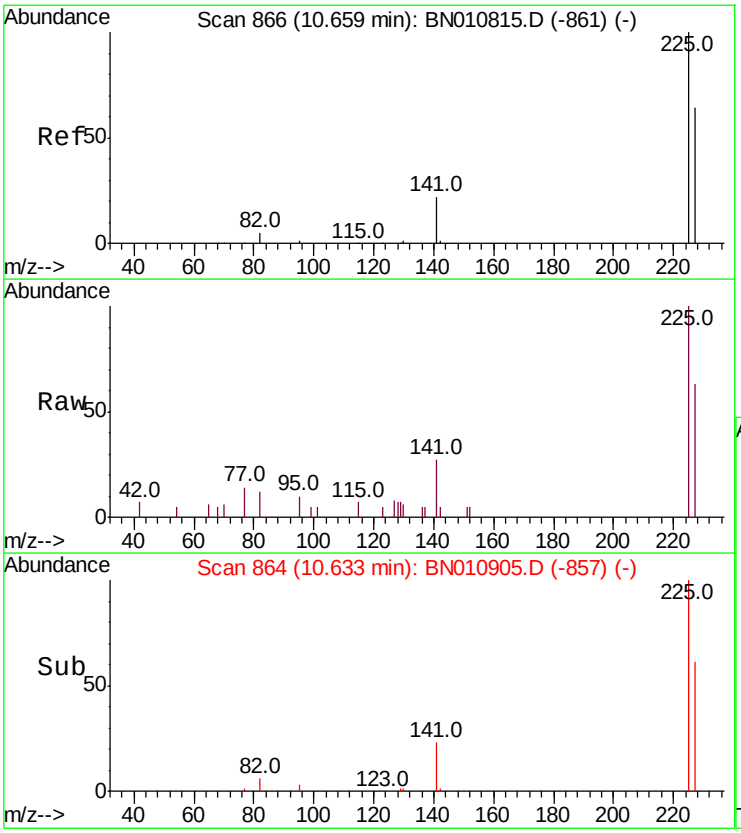
#9
Naphthalene
Concen: 0.596 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:128 Resp: 13355

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.9	11.4	17.2

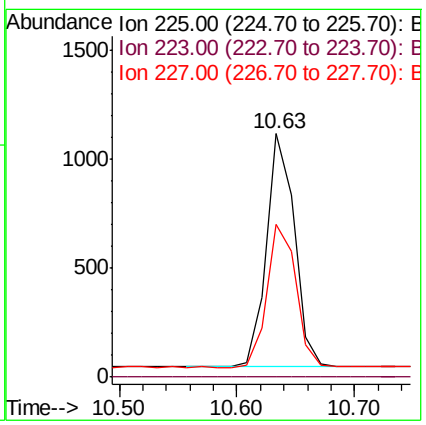


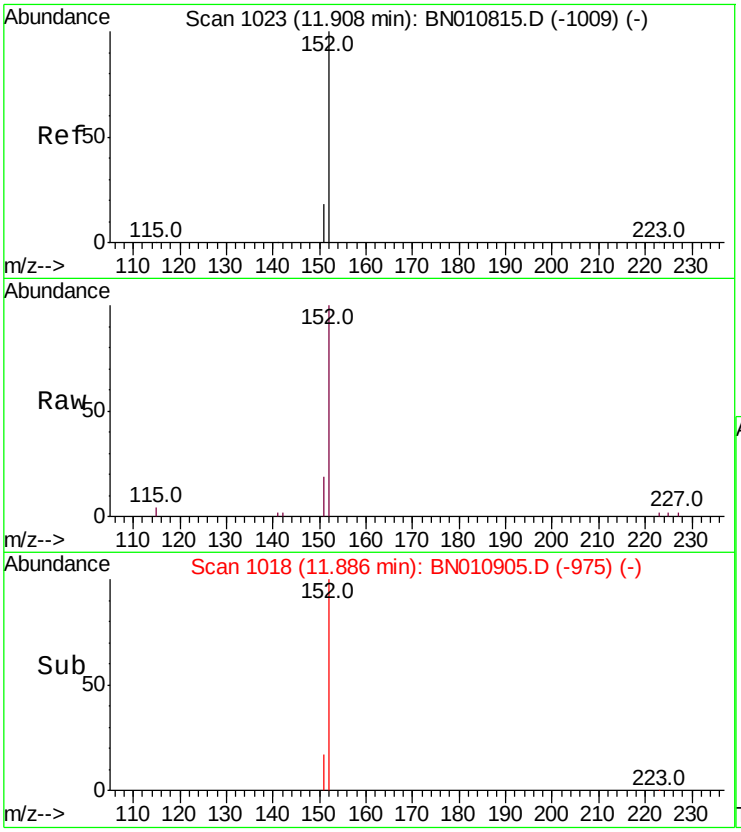


#10
Hexachlorobutadiene
Concen: 0.323 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:225 Resp: 1788

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.5	75.7



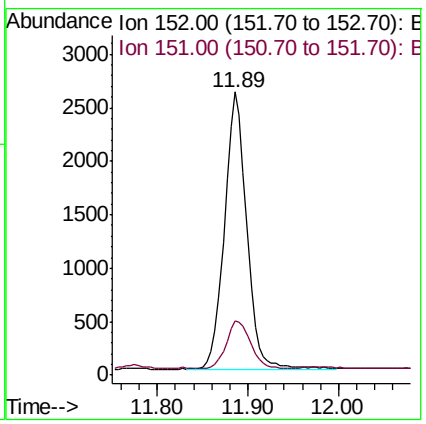


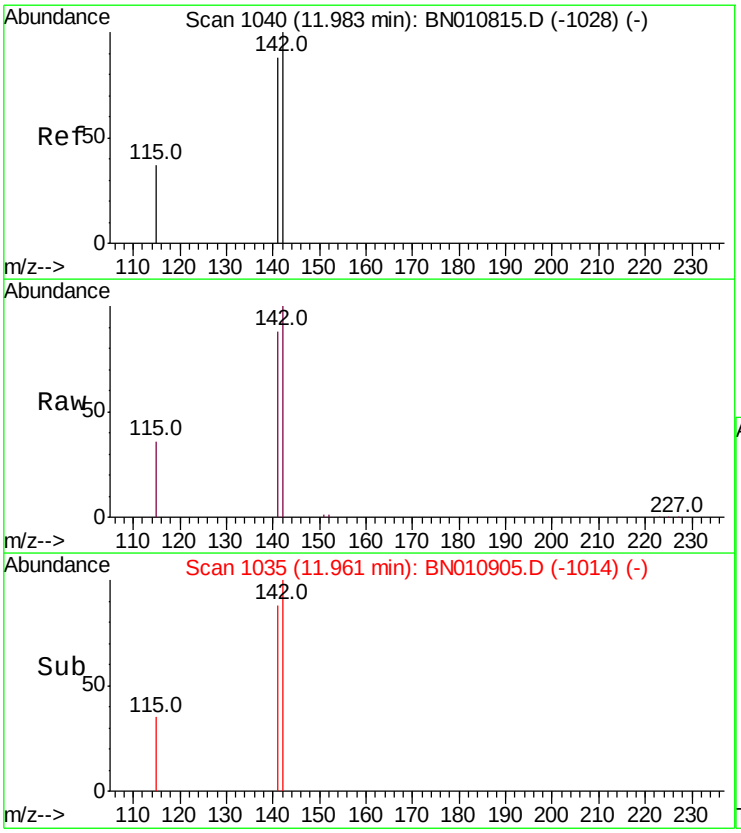
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:152 Resp: 4409

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.3	22.9

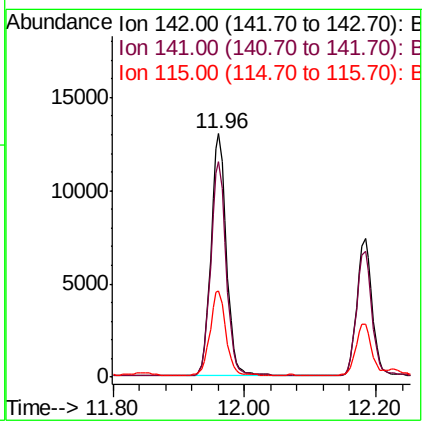


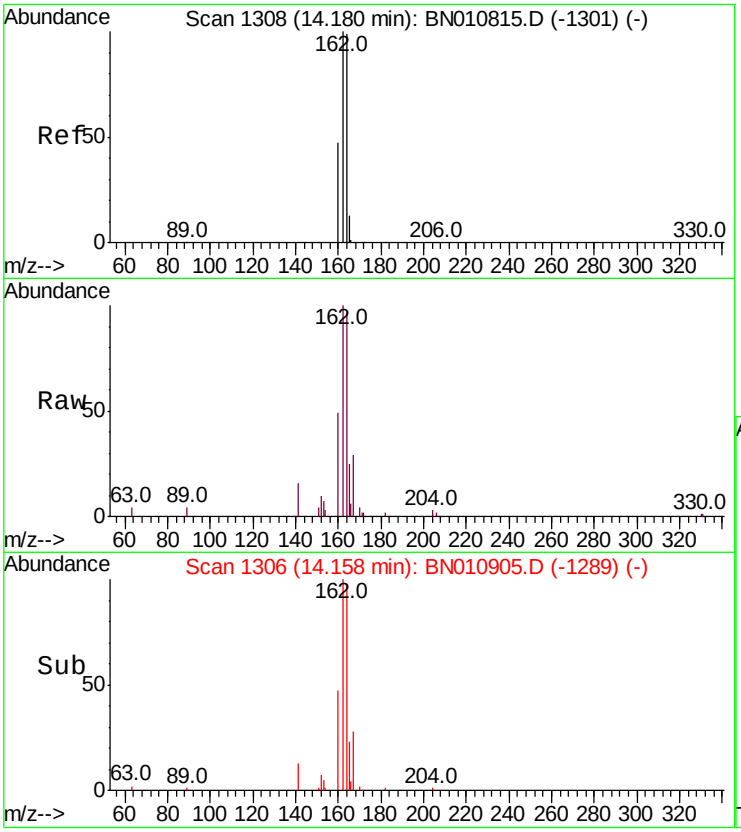


#12
2-Methylnaphthalene
Concen: 1.419 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:142 Resp: 21283

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	35.5	31.5	47.3



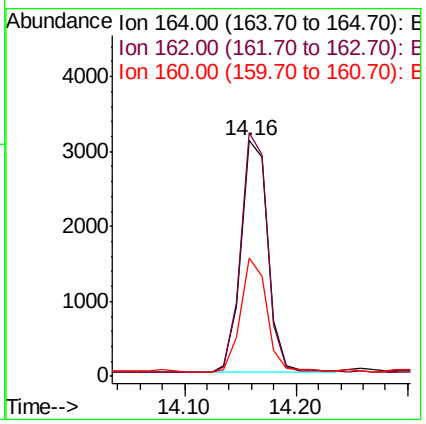


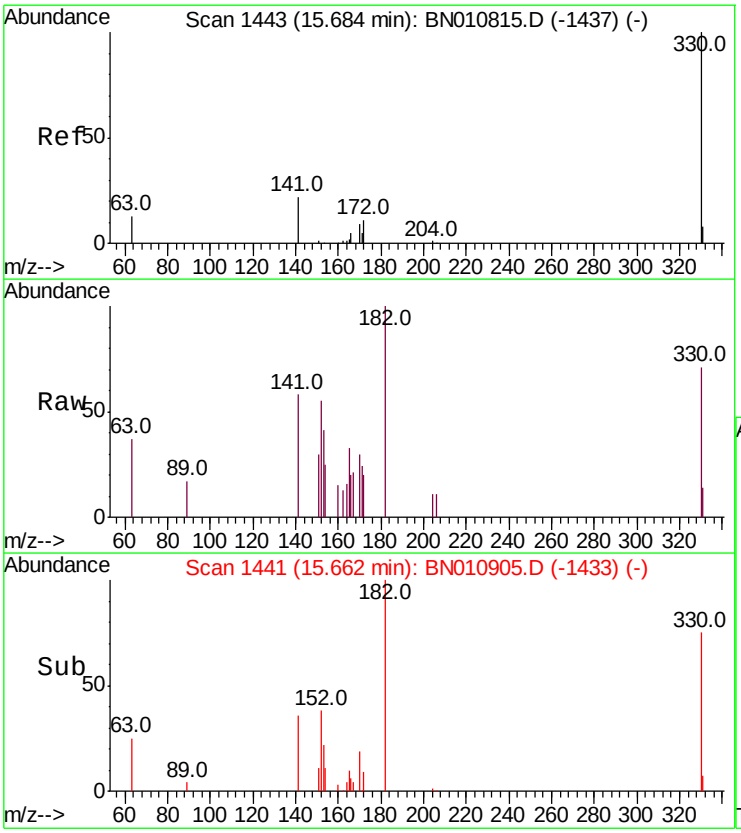
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:164 Resp: 5192

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.0	121.6
160	50.1	38.9	58.3

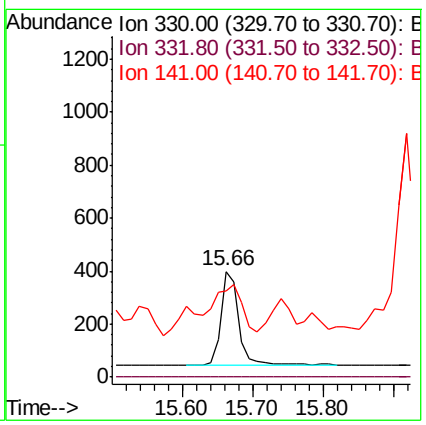


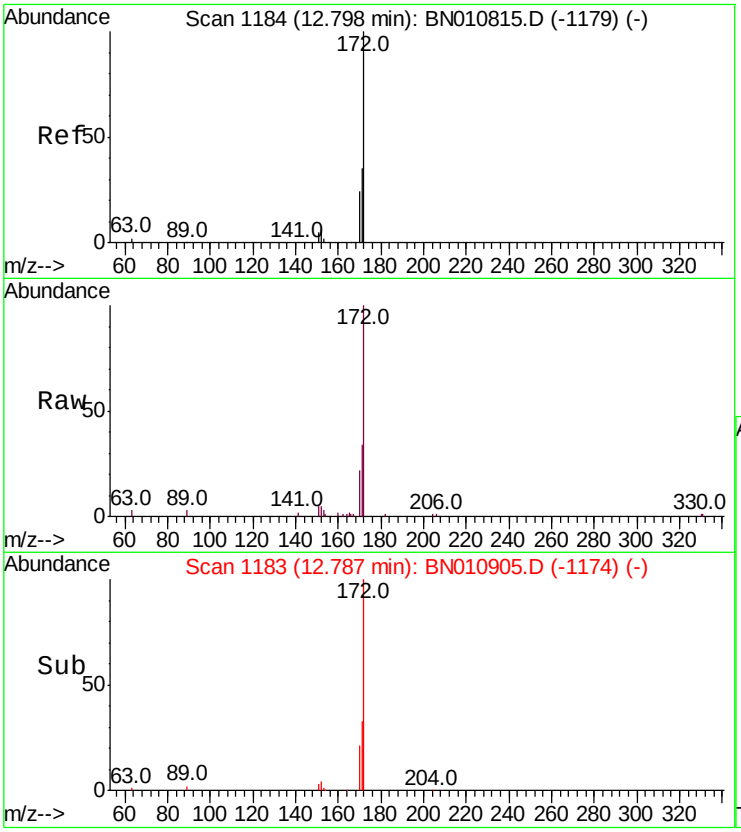


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:330 Resp: 626

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	74.3	33.2	49.8#



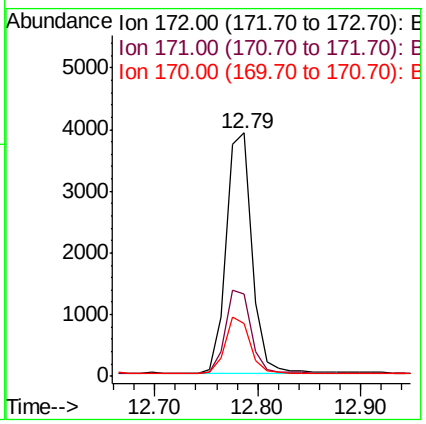


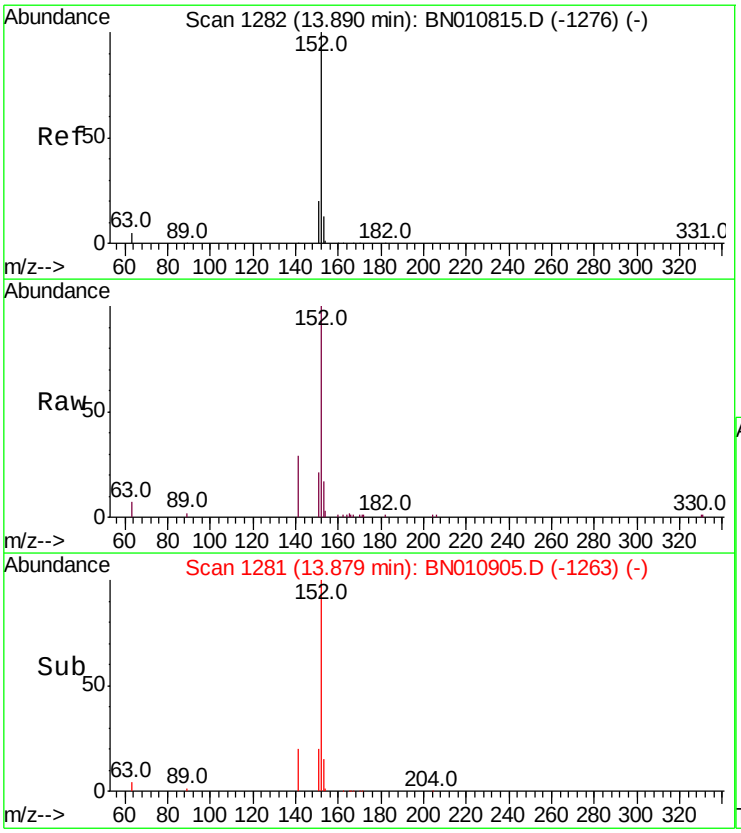
#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:172 Resp: 6787

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	21.5	19.7	29.5

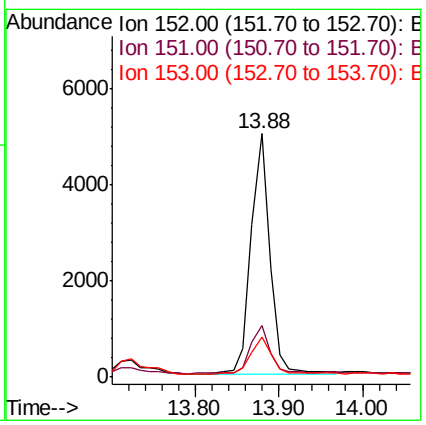


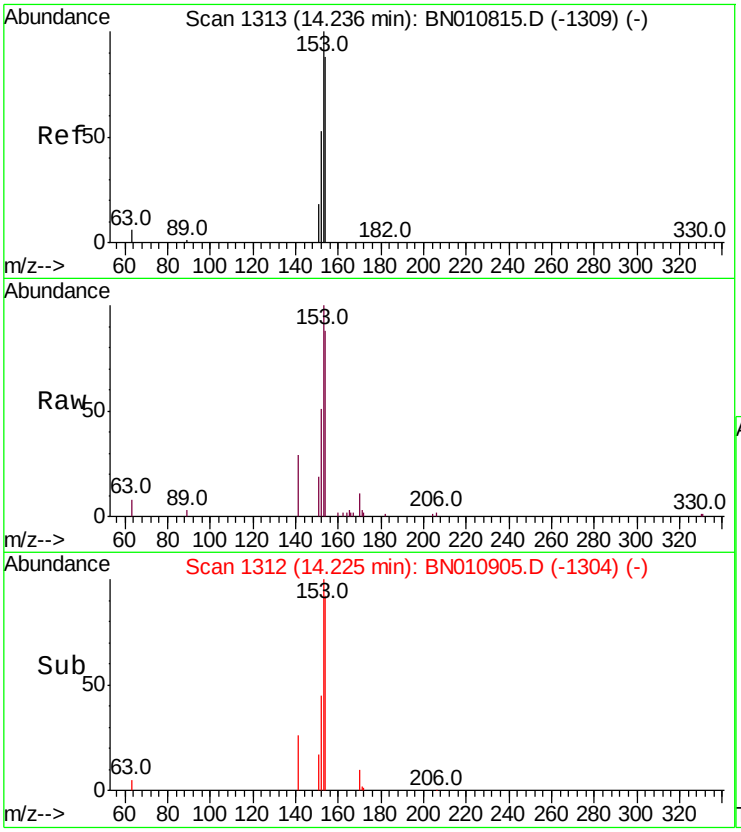


#16
Acenaphthylene
Concen: 0.365 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:152 Resp: 7755

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.6	23.4
153	16.7	10.6	16.0#



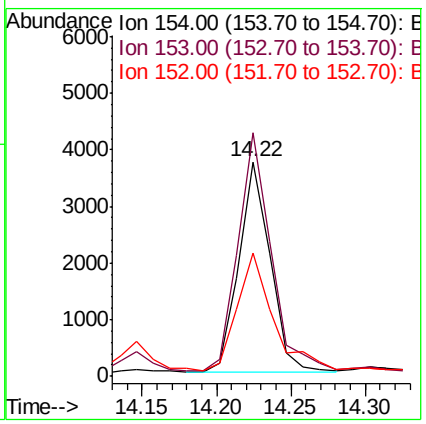


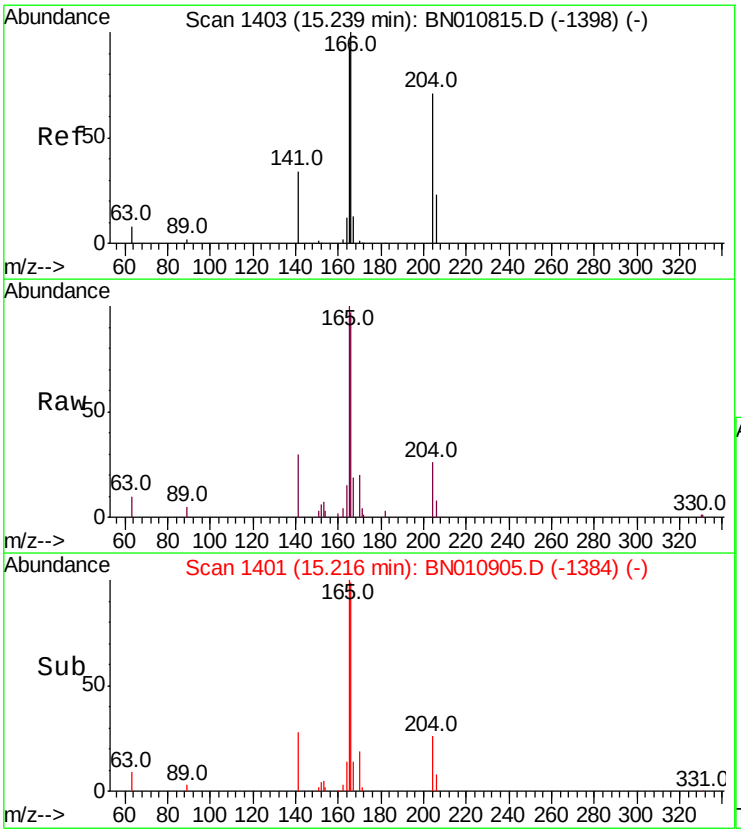
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:154 Resp: 5394

Ion	Ratio	Lower	Upper
154	100		
153	122.4	91.8	137.6
152	65.7	47.6	71.4

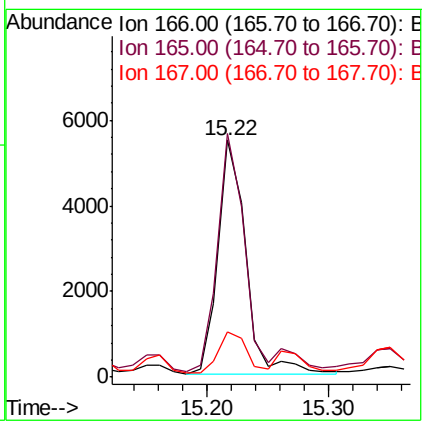


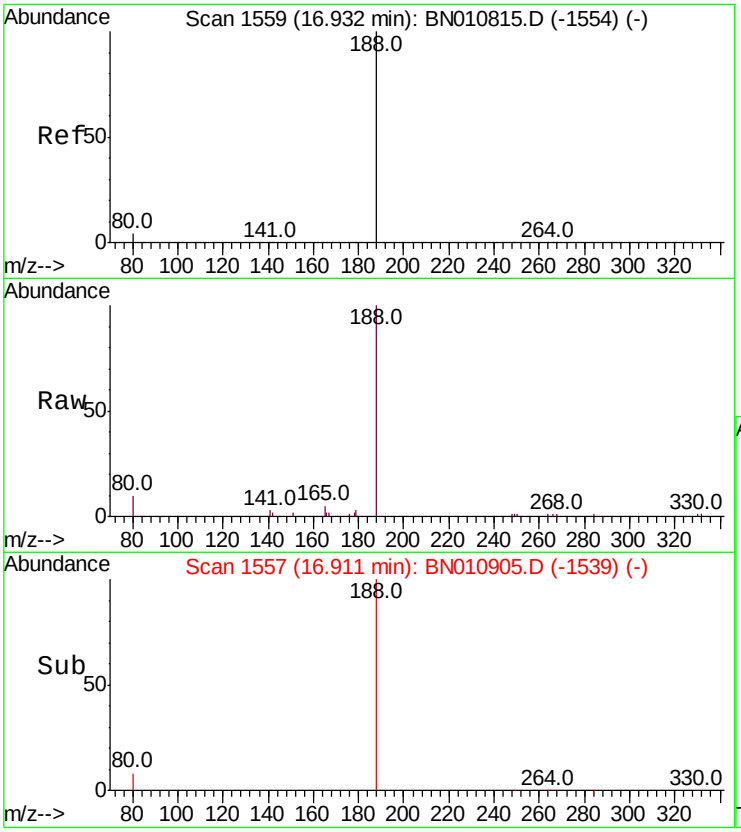


#18
Fluorene
Concen: 0.459 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:166 Resp: 8585

Ion	Ratio	Lower	Upper
166	100		
165	105.1	77.2	115.8
167	18.4	10.7	16.1#



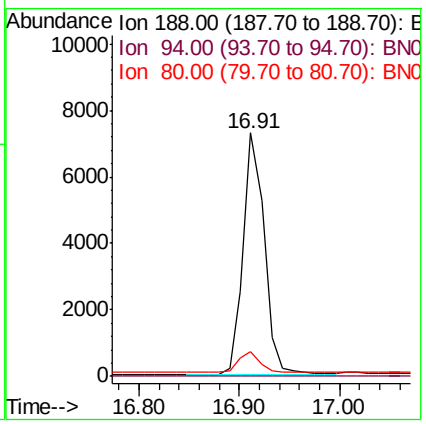


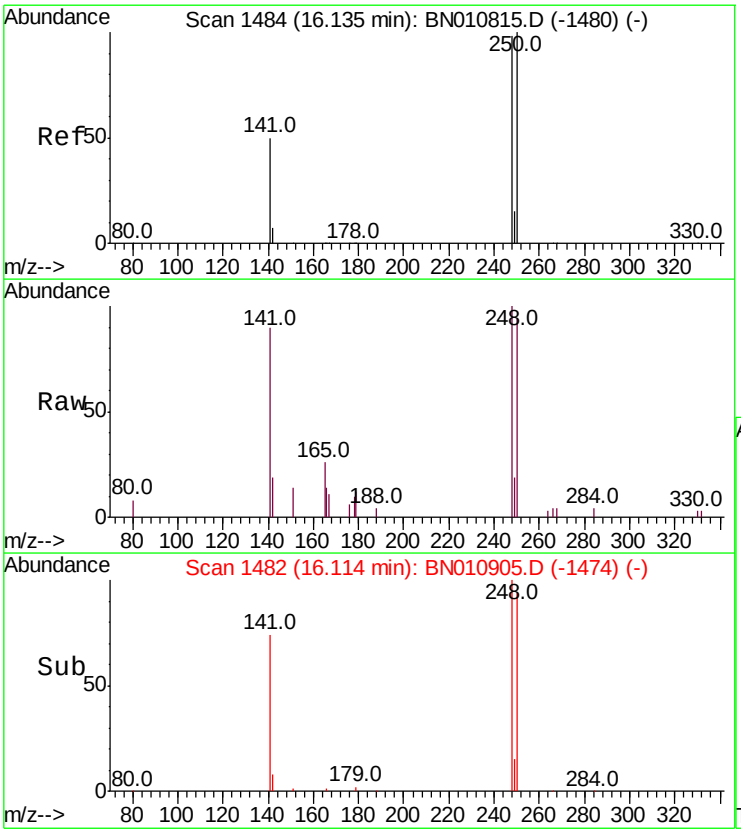
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:188 Resp: 10717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	4.5	6.7#

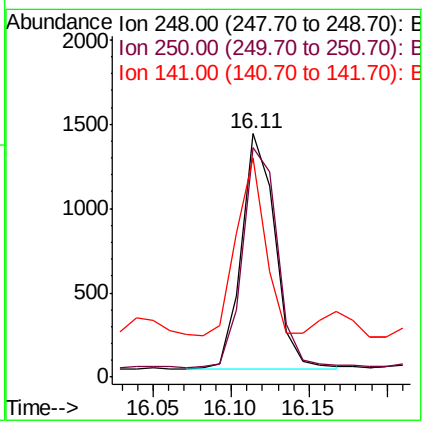


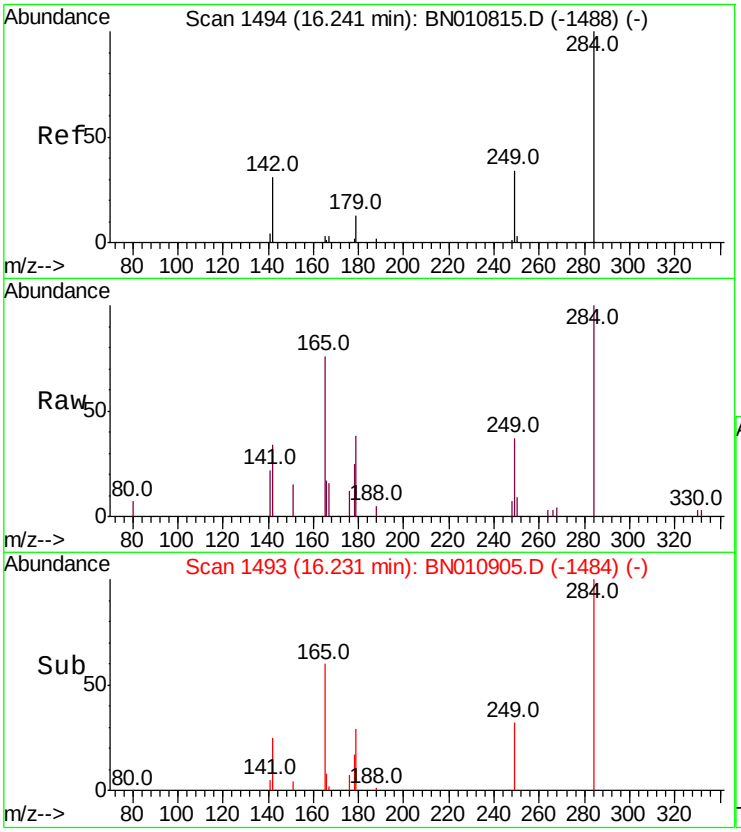


#20
4-Bromophenyl-phenylether
Concen: 0.321 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:248 Resp: 2066

Ion	Ratio	Lower	Upper
248	100		
250	94.3	81.8	122.8
141	90.0	42.6	64.0#



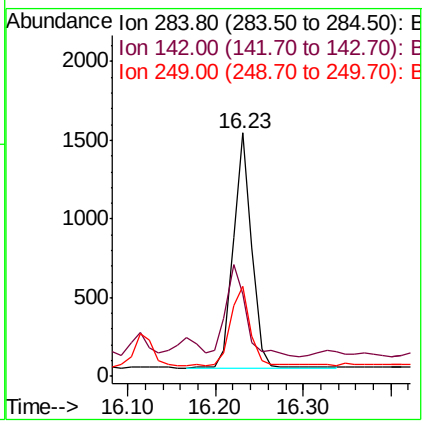


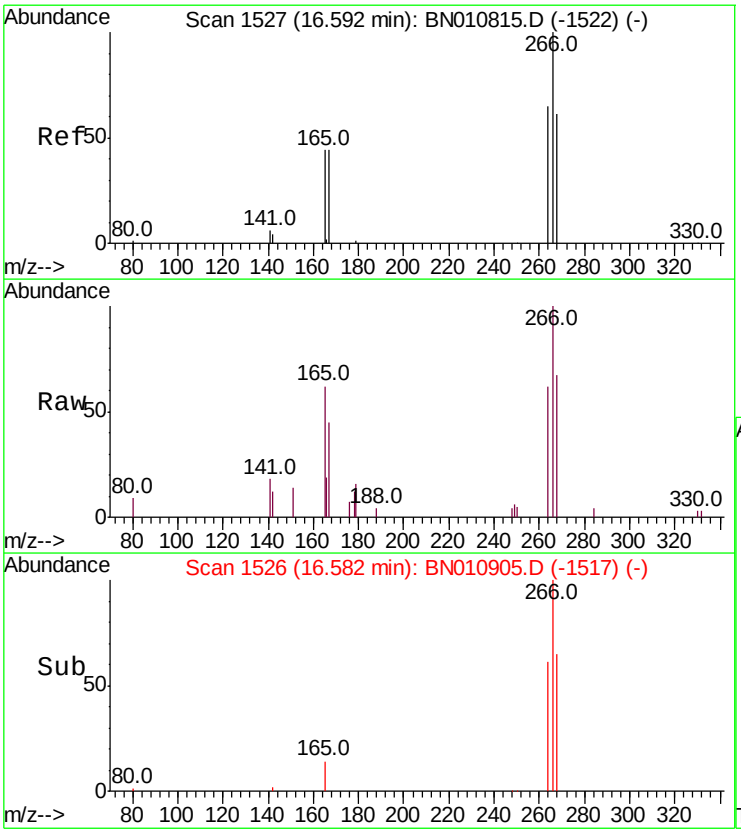
#21
Hexachlorobenzene
Concen: 0.319 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:284 Resp: 2142

Ion	Ratio	Lower	Upper
284	100		
142	42.3	31.0	46.4
249	36.1	27.1	40.7

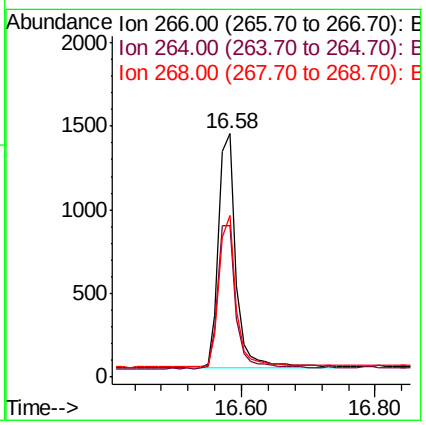


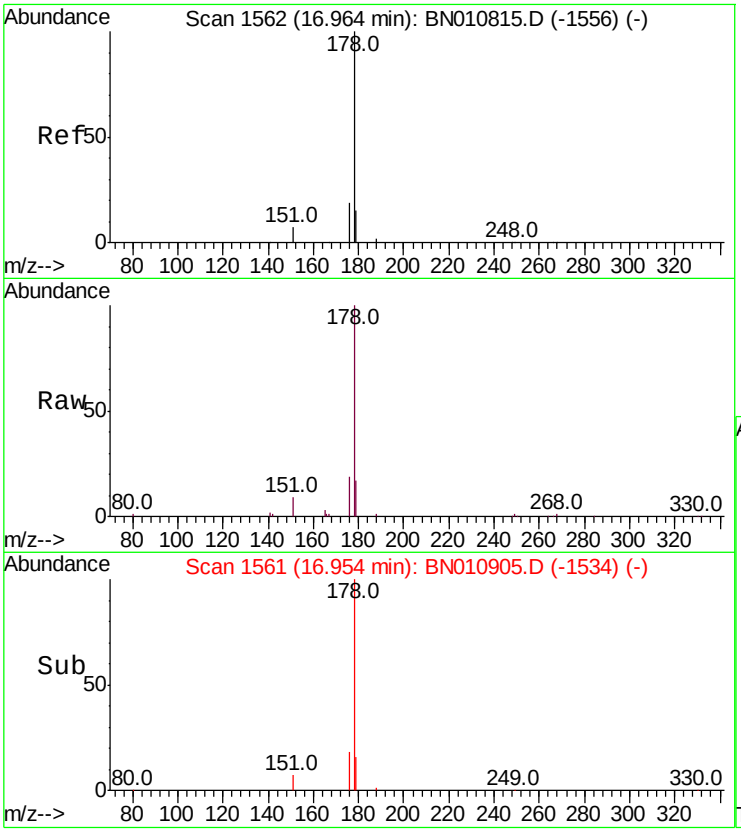


#22
Pentachlorophenol
Concen: 1.127 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:266 Resp: 2541

Ion	Ratio	Lower	Upper
266	100		
264	62.4	54.8	82.2
268	66.6	55.9	83.9



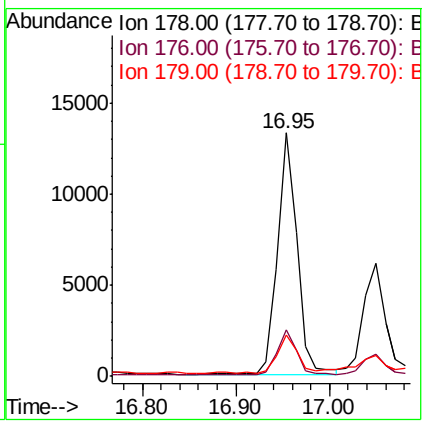


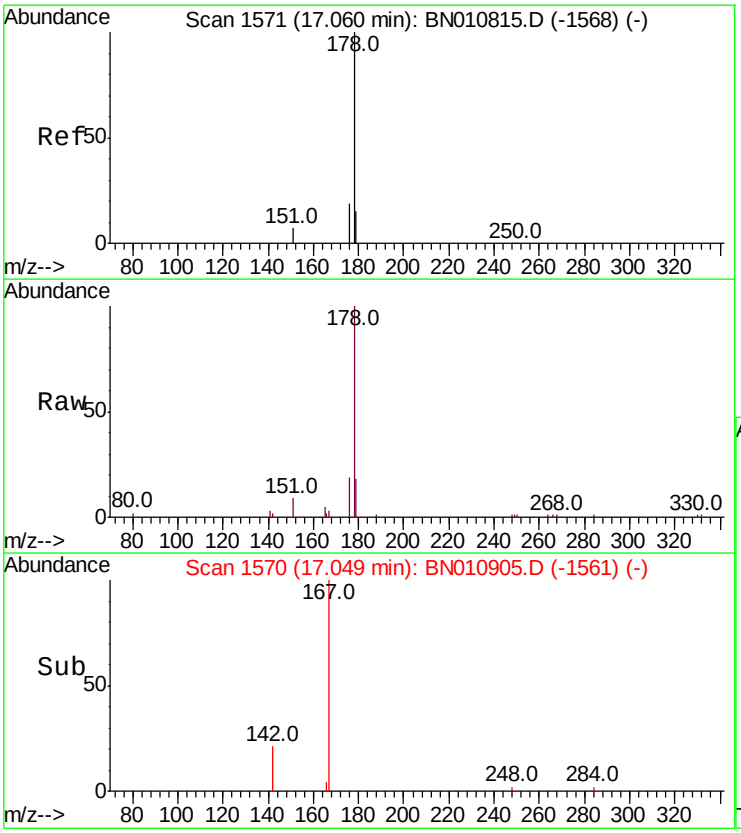
#23
Phenanthrene
Concen: 0.651 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:178 Resp: 19057

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.8	12.6	19.0

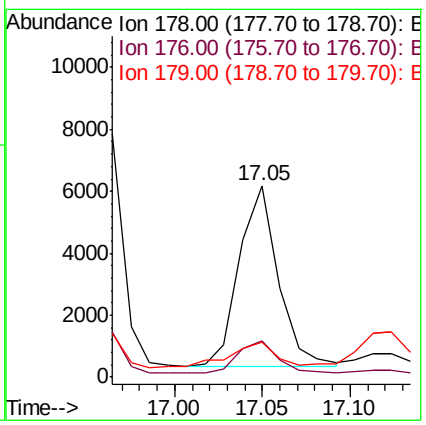


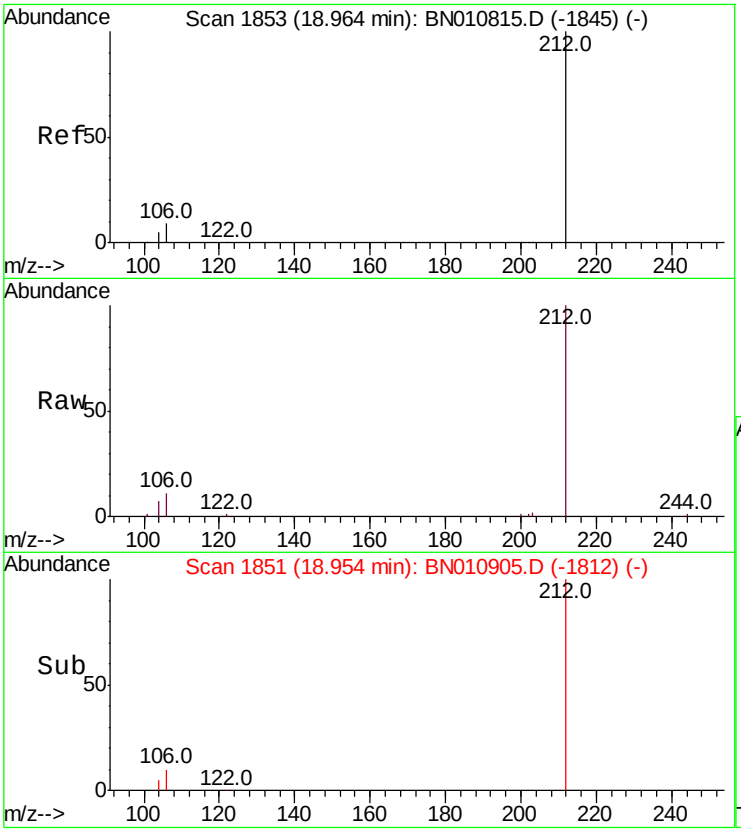


#24
Anthracene
Concen: 0.371 ng
RT: 17.05 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:178 Resp: 9058

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	17.7	12.3	18.5



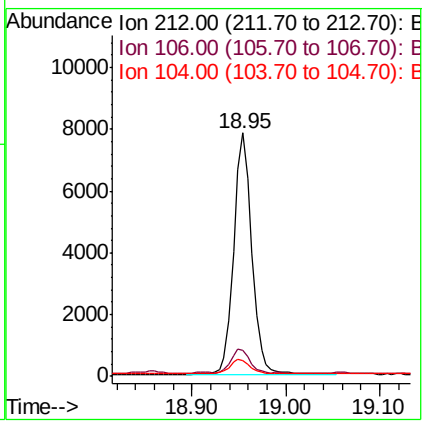


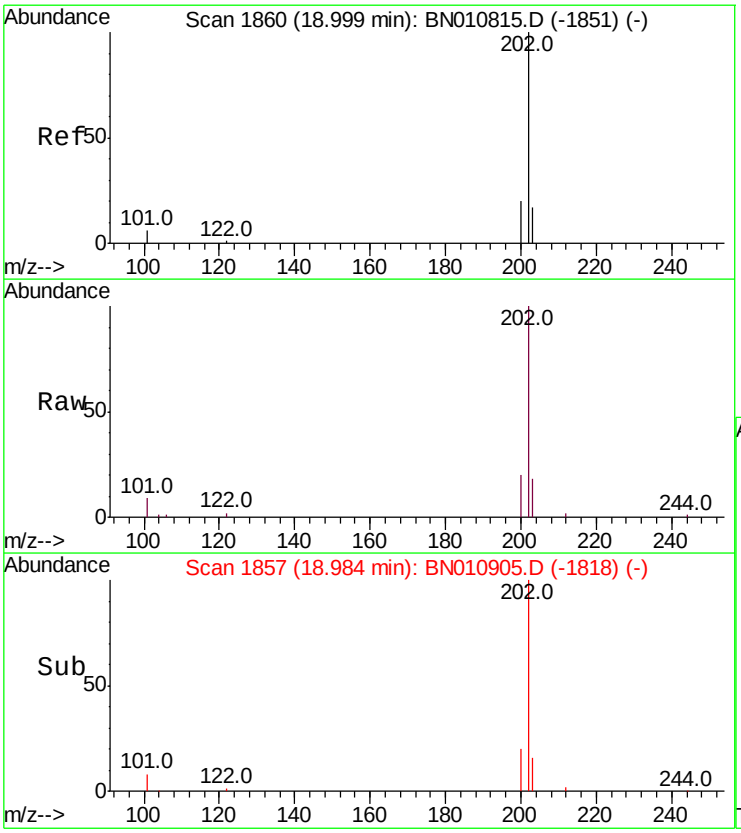
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:212 Resp: 10462

Ion	Ratio	Lower	Upper
212	100		
106	9.9	6.6	10.0
104	6.1	4.0	6.0#

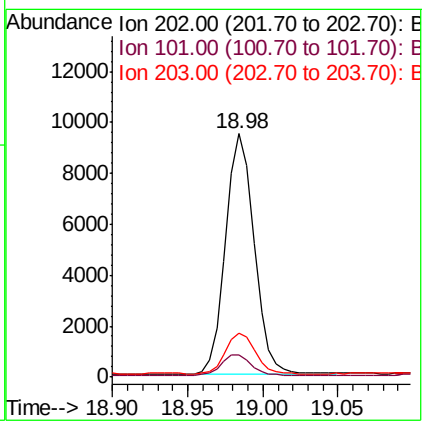


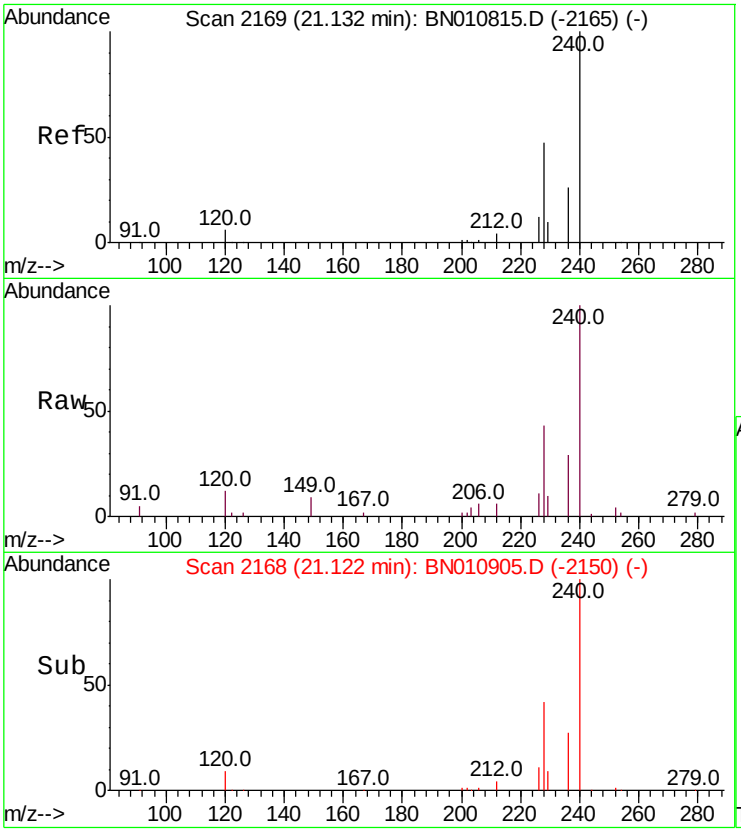


#26
Fluoranthene
Concen: 0.378 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:202 Resp: 12555

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.8	8.6#
203	17.1	13.7	20.5



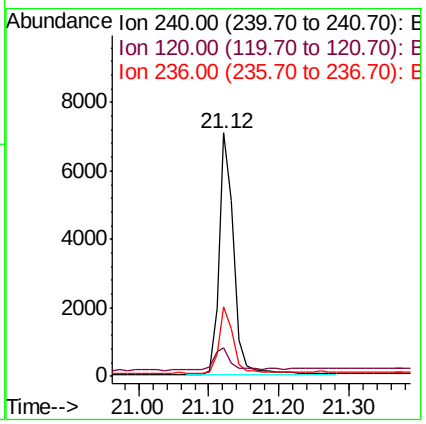


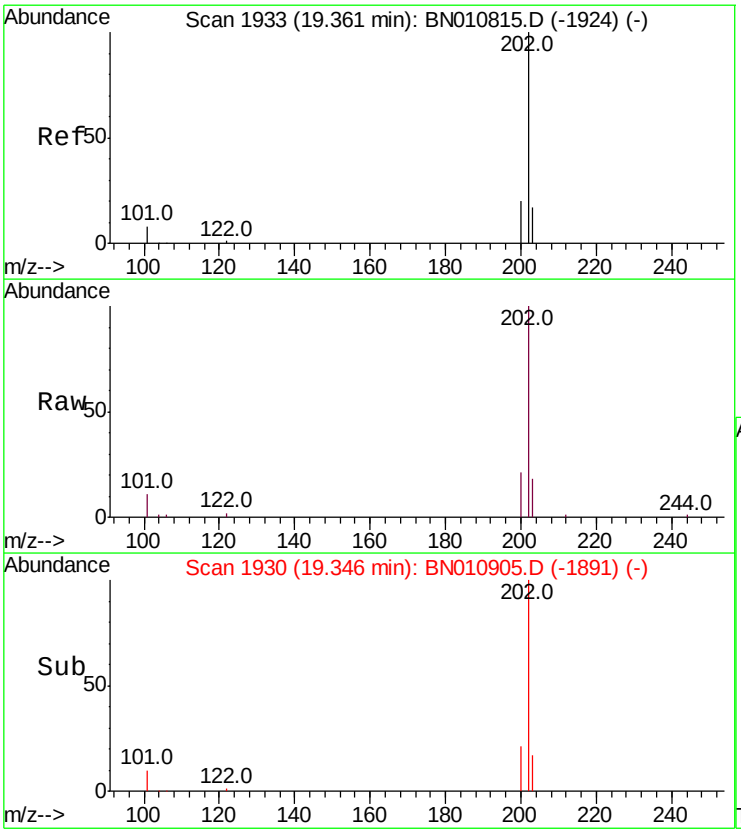
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument : BNA_N
ClientSampleId : SS043MW014-200610MSD

Tgt Ion:240 Resp: 10240

Ion	Ratio	Lower	Upper
240	100		
120	11.6	7.5	11.3#
236	28.5	22.3	33.5

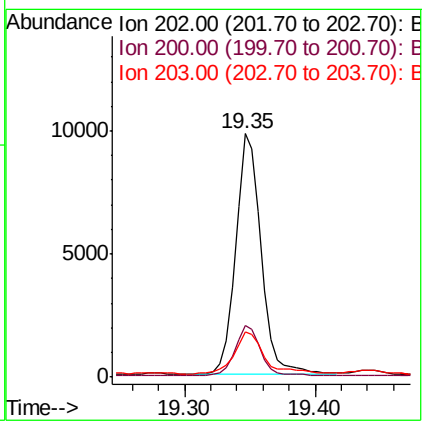


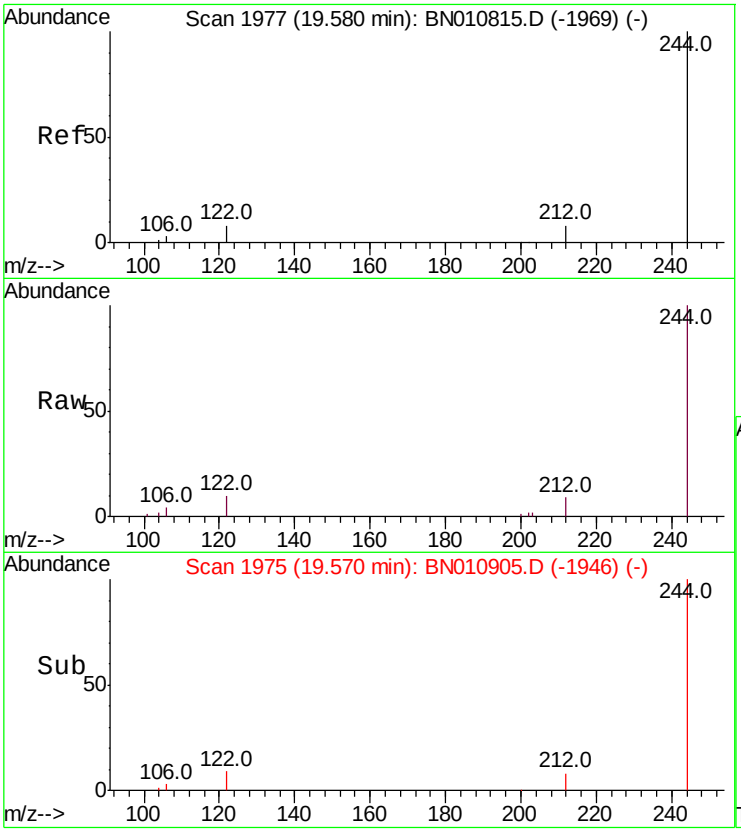


#28
Pyrene
Concen: 0.394 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:202 Resp: 13332

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	20.1	14.2	21.4



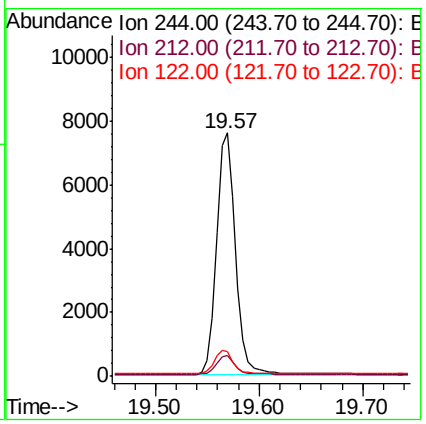


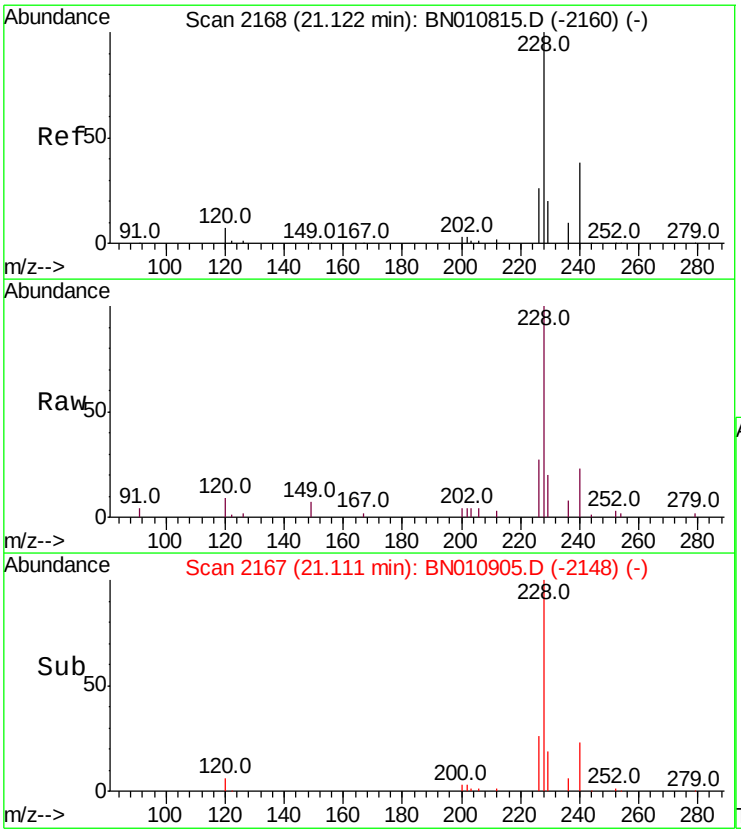
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:244 Resp: 9639

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	10.0	7.5	11.3

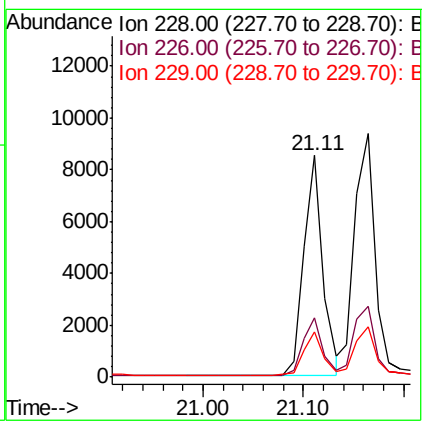


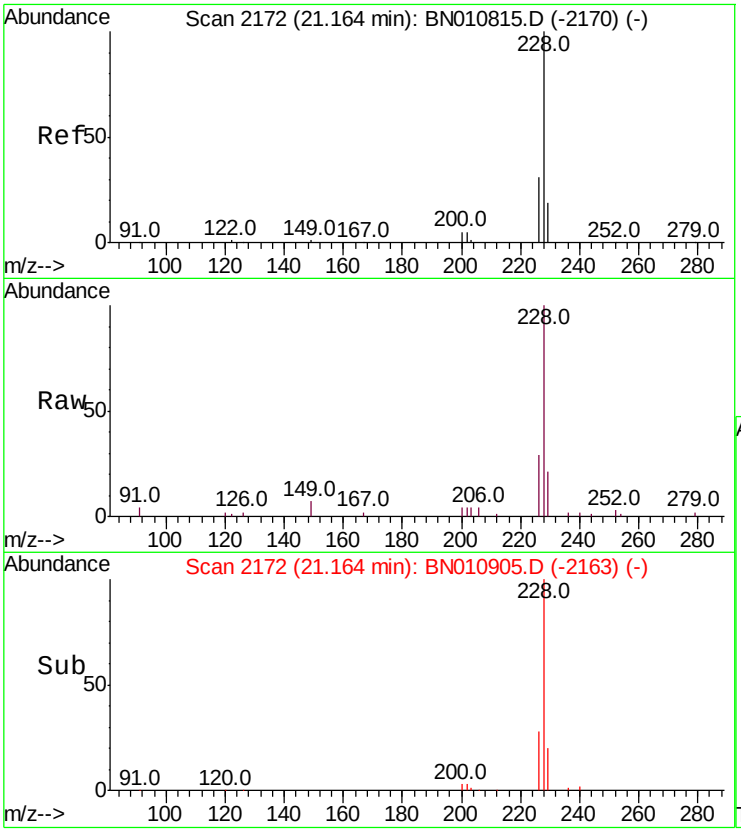


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:228 Resp: 11355

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	20.3	16.6	24.8



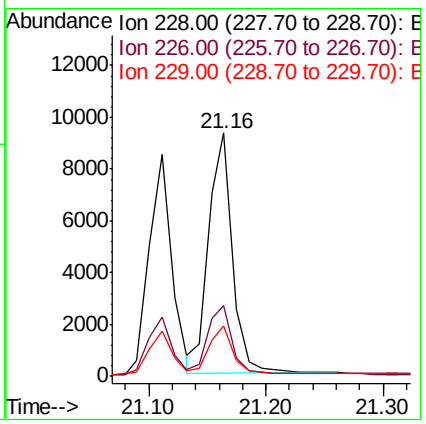


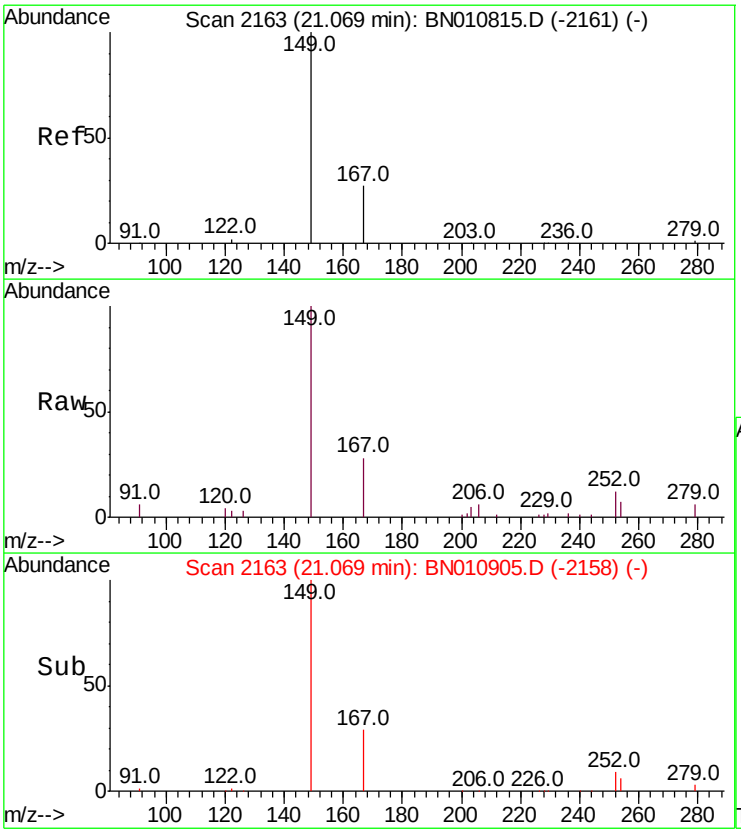
#31
Chrysene
Concen: 0.378 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:228 Resp: 13248

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.9	16.1	24.1

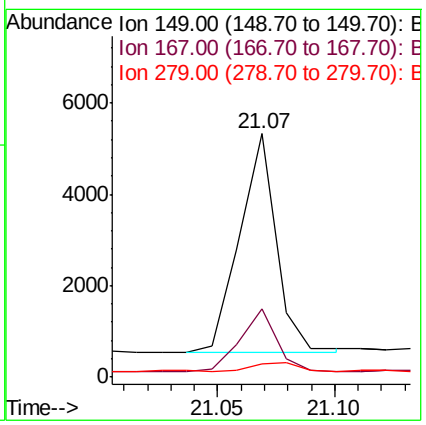


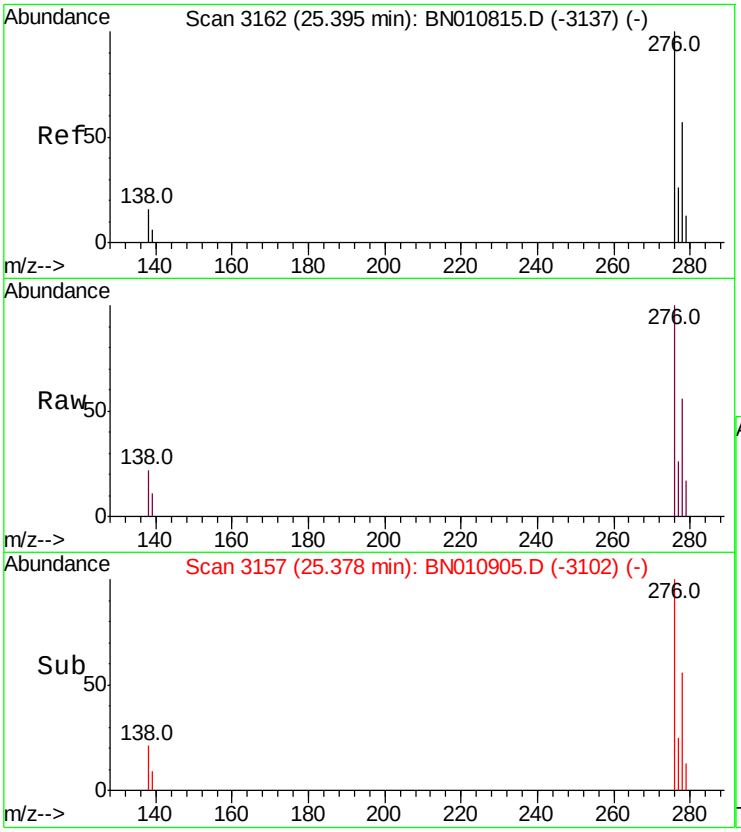


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.518 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:149 Resp: 5203

Ion	Ratio	Lower	Upper
149	100		
167	27.7	24.1	36.1
279	4.5	4.6	7.0#



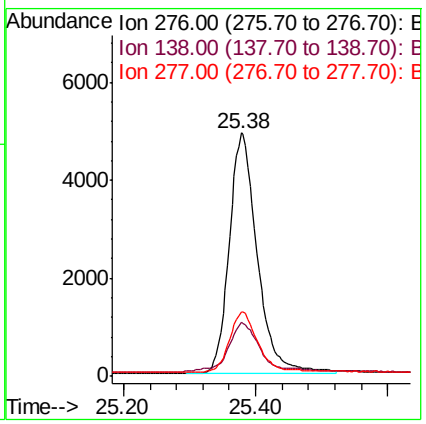


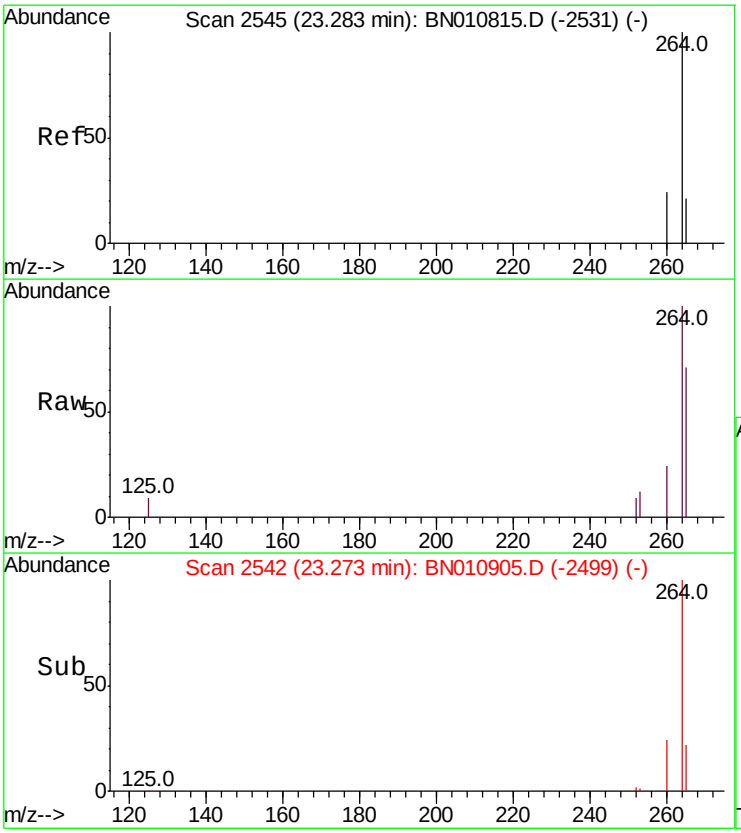
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:276 Resp: 14576

Ion	Ratio	Lower	Upper
276	100		
138	22.0	13.0	19.6#
277	25.0	19.7	29.5

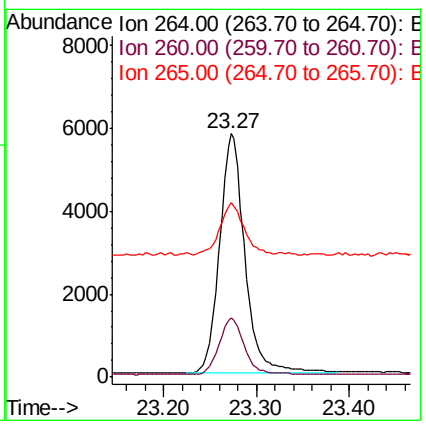


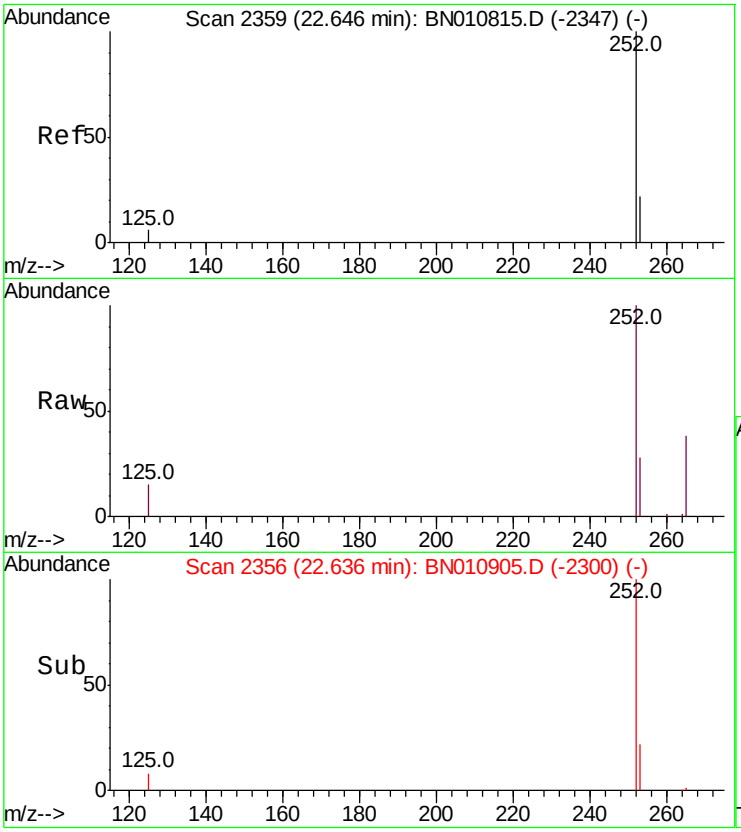


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:264 Resp: 11073

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	71.5	75.0	112.4#



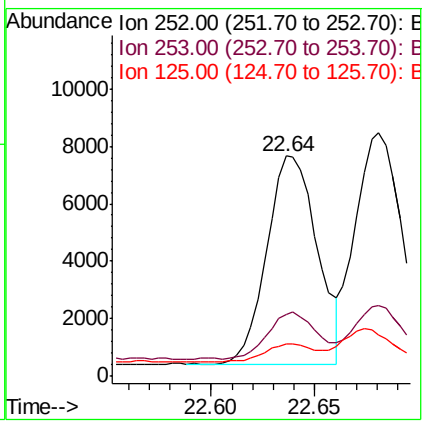


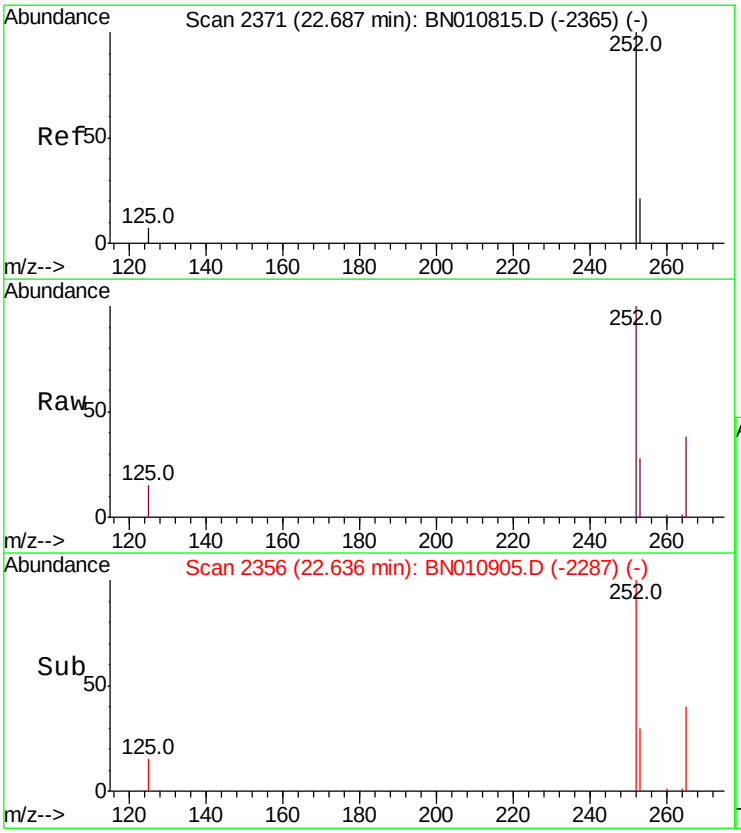
#35
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:252 Resp: 12223

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.4	33.6
125	14.5	9.4	14.0#

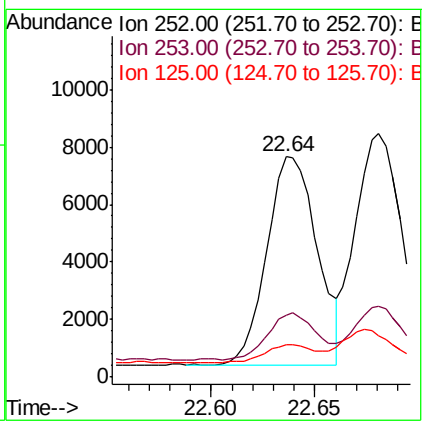


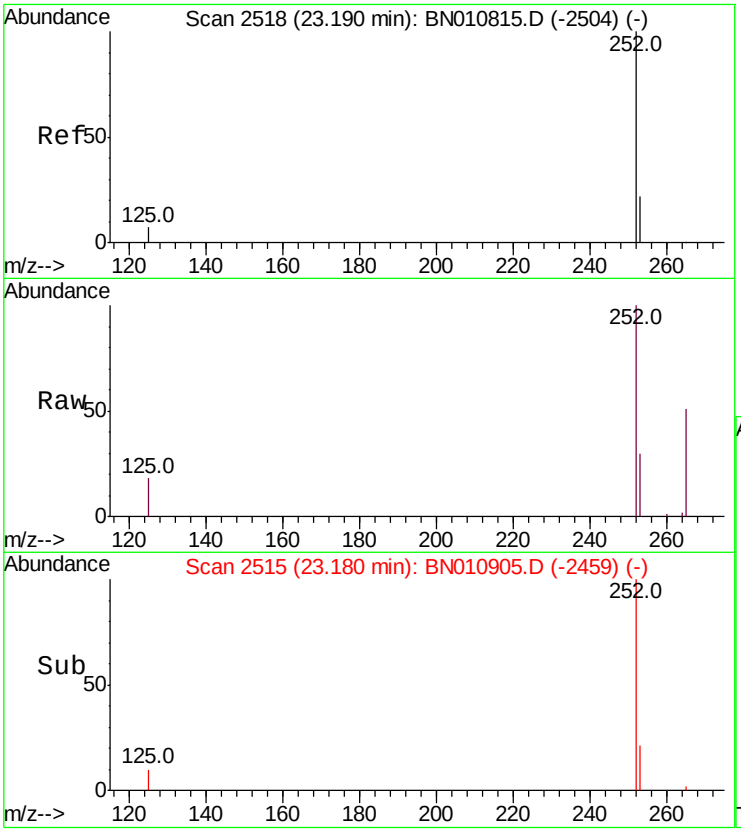


#36
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.05 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:252 Resp: 12223

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.4
125	14.5	9.8	14.8



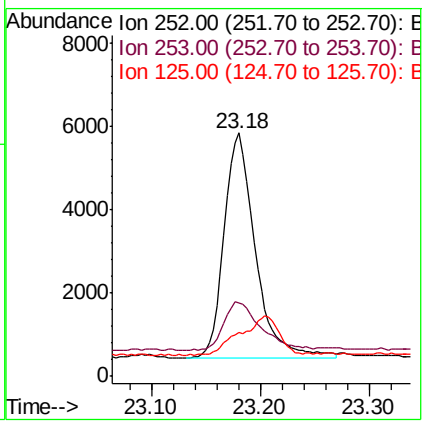


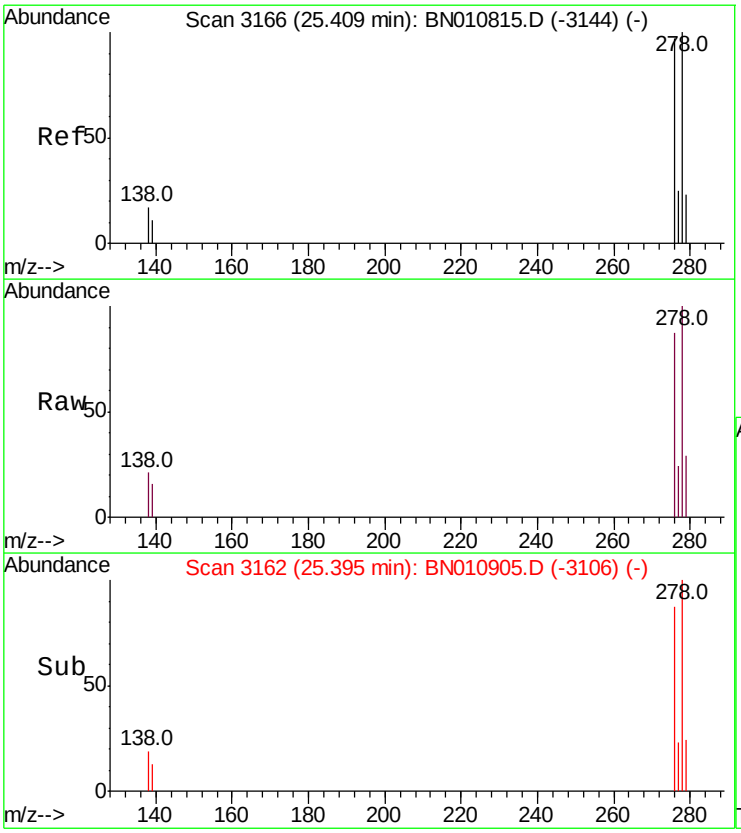
#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:252 Resp: 10803

Ion	Ratio	Lower	Upper
252	100		
253	30.3	25.8	38.8
125	17.9	12.4	18.6

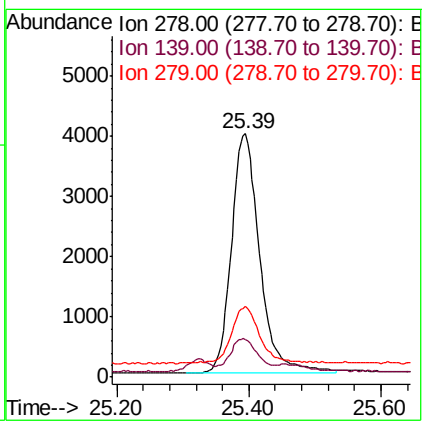


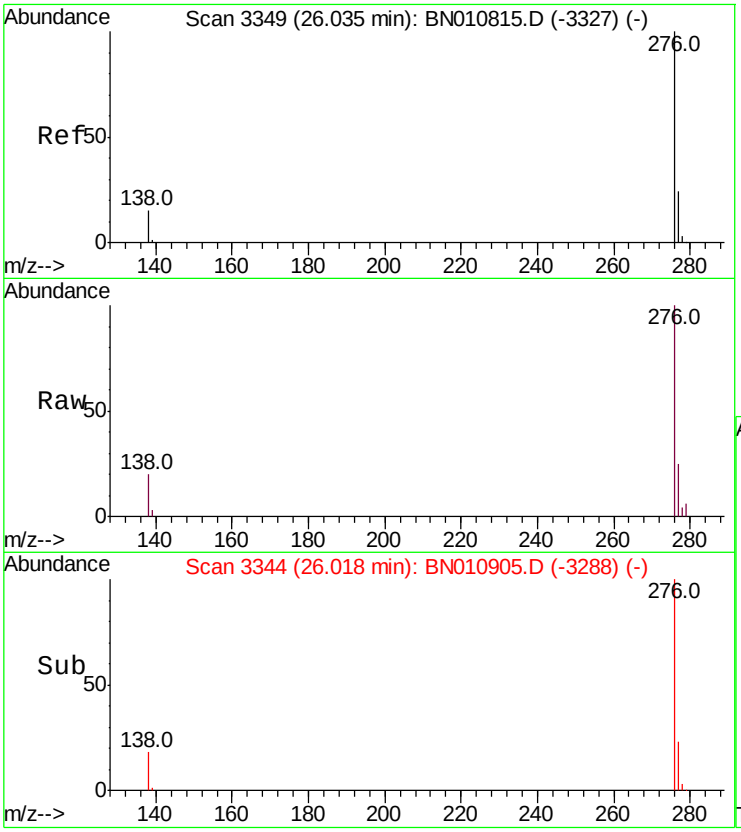


#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 25.39 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:278 Resp: 11851

Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.6	15.8
279	29.1	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.327 ng
RT: 26.02 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tgt Ion:276 Resp: 12597

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.5	30.7
138	19.5	13.7	20.5