Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010829.D
Acq On : 10 Jun 2020 22:15
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE-4-11MS

Quant Time: Jun 11 00:46:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3185	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	11737	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7557	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	14162	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	13221	0.40	ng		0.00
34) Perylene-d12	23.28	264	14442	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1183	0.19	ng		0.00
5) Phenol-d6	6.75	99	908	0.13	ng		0.00
8) Nitrobenzene-d5	8.68	82	3531	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.90	152	6735	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1333	0.49	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	10412	0.35	ng		0.00
25) Fluoranthene-d10	18.96	212	15653	0.40	ng		0.00
29) Terphenyl-d14	19.58	244	13403	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	325	0.104	ng	#	48
3) n-Nitrosodimethylamine	3.53	42	246	0.136	ng	#	95
6) bis(2-Chloroethyl)ether	6.99	93	3094	0.438	ng		96
9) Naphthalene	10.35	128	12259	0.416	ng		99
10) Hexachlorobutadiene	10.65	225	2516	0.345	ng	#	99
12) 2-Methylnaphthalene	11.97	142	9000	0.456	ng		97
16) Acenaphthylene	13.89	152	13867	0.448	ng	#	78
17) Acenaphthene	14.24	154	8270	0.392	ng		98
18) Fluorene	15.23	166	10996	0.404	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	3326	0.391	ng	#	69
21) Hexachlorobenzene	16.24	284	3333	0.375	ng	#	91
22) Pentachlorophenol	16.58	266	5381	1.806	ng		93
23) Phenanthrene	17.06	178	25535	0.660	ng		98
24) Anthracene	17.06	178	25102	0.777	ng		96
26) Fluoranthene	18.99	202	19428	0.442	ng	#	98
28) Pyrene	19.36	202	24183	0.553	ng		97
30) Benzo(a)anthracene	21.11	228	17672	0.455	ng	#	75
31) Chrysene	21.16	228	17878	0.395	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.08	149	8950	0.691	ng		99
33) Indeno(1,2,3-cd)pyrene	25.40	276	17335	0.343	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	16887	0.344	ng	#	80
36) Benzo(k)fluoranthene	22.69	252	16866	0.322	ng	#	80
37) Benzo(a)pyrene	23.19	252	15198	0.361	ng	#	86
38) Dibenzo(a,h)anthracene	25.41	278	14290	0.297	ng	#	87
39) Benzo(g,h,i)perylene	26.04	276	15038	0.300	ng	#	90

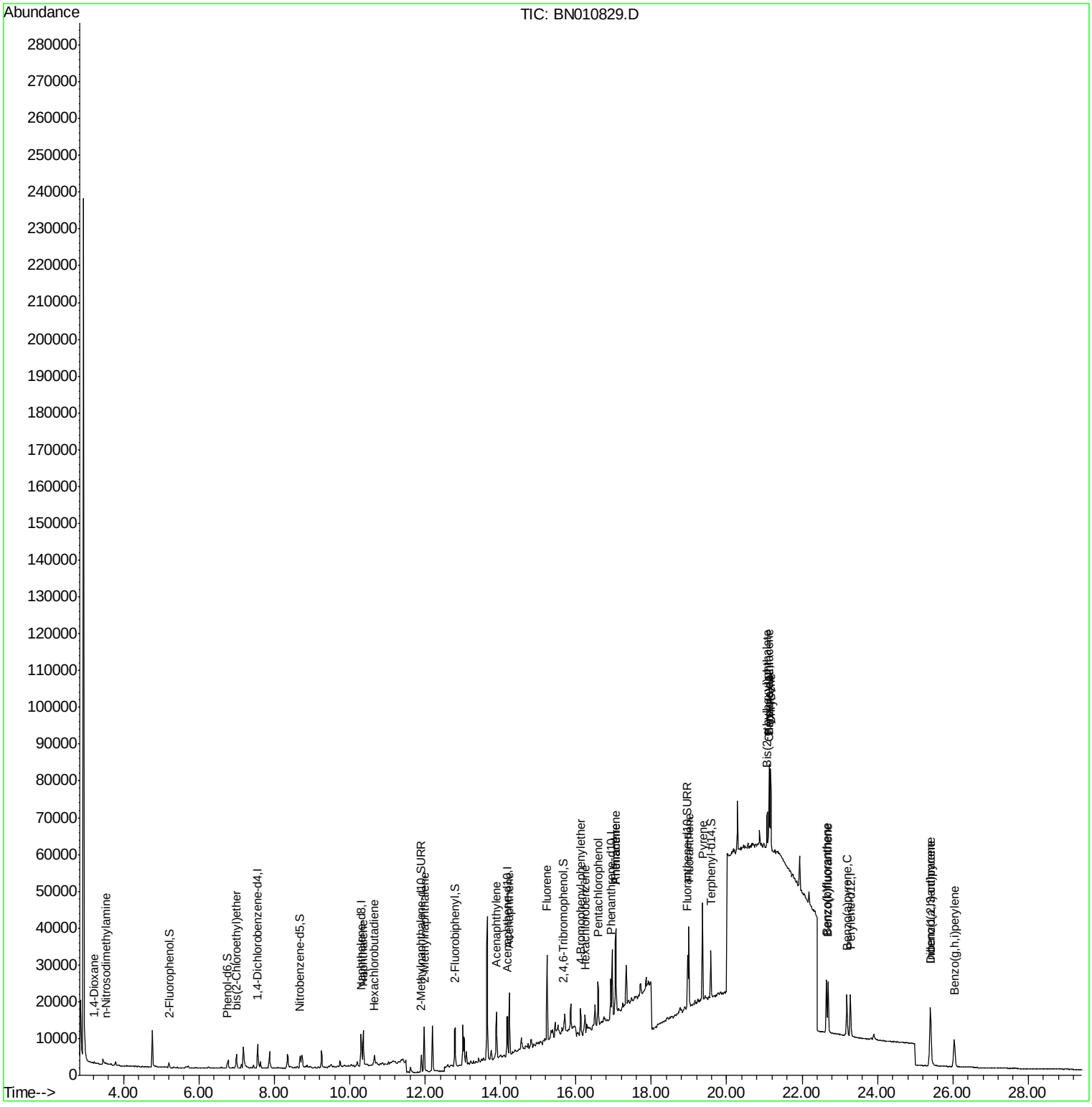
(#) = qualifier out of range (m) = manual integration (+) = signals summed

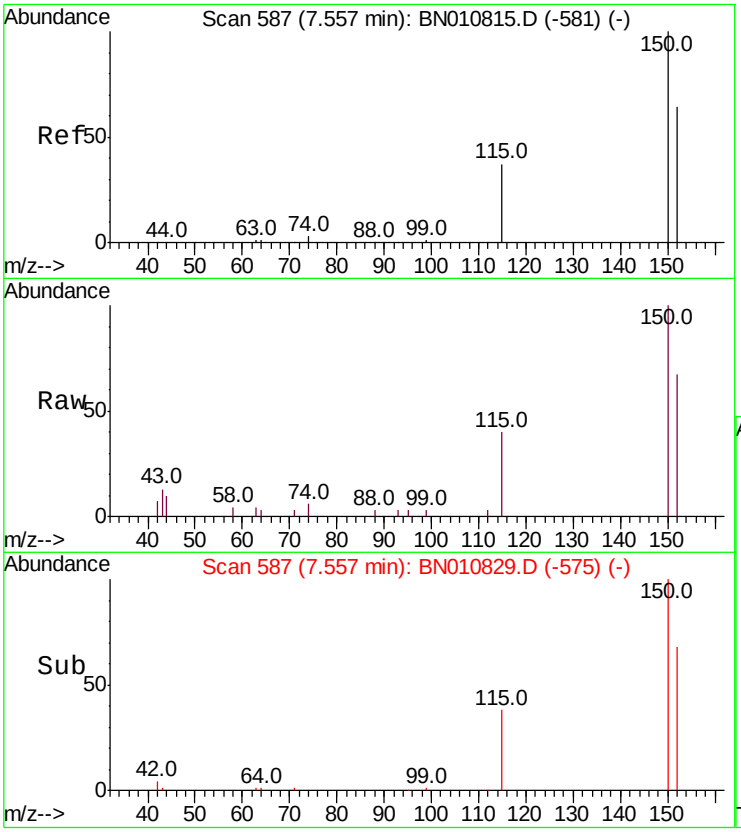
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010829.D
Acq On : 10 Jun 2020 22:15
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Quant Time: Jun 11 00:46:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration



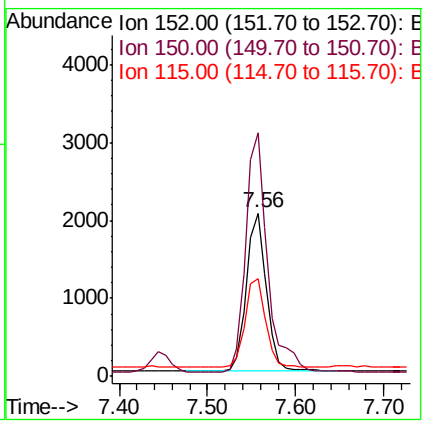


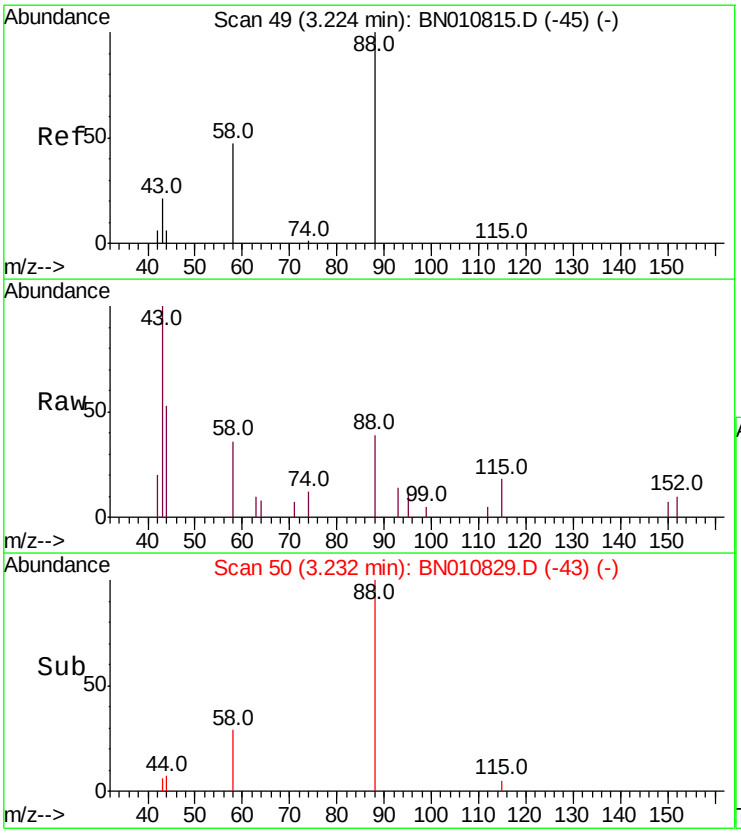
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:152 Resp: 3185

Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.8	185.6
115	59.6	49.2	73.8

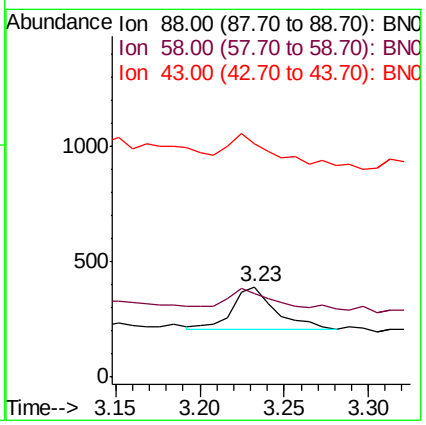


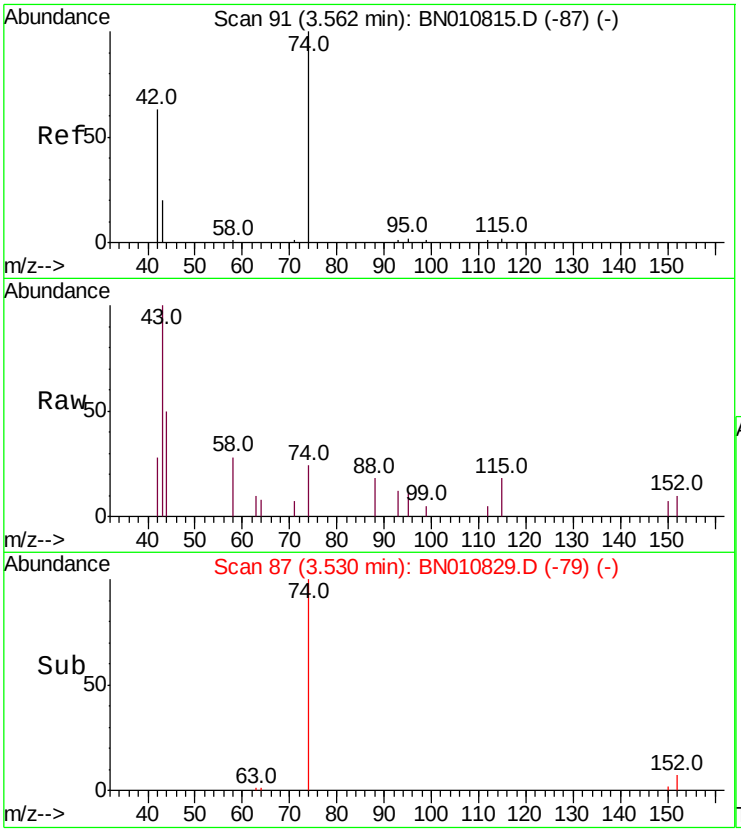


#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion: 88 Resp: 325

Ion	Ratio	Lower	Upper
88	100		
58	64.0	38.2	57.4#
43	73.5	15.1	22.7#



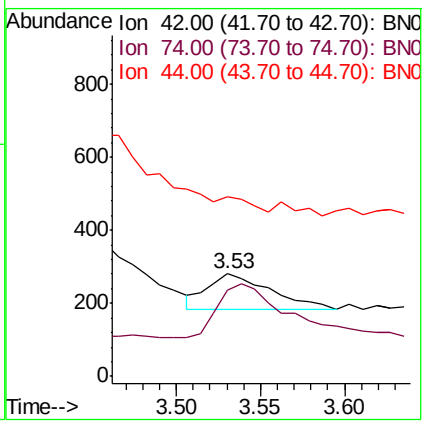


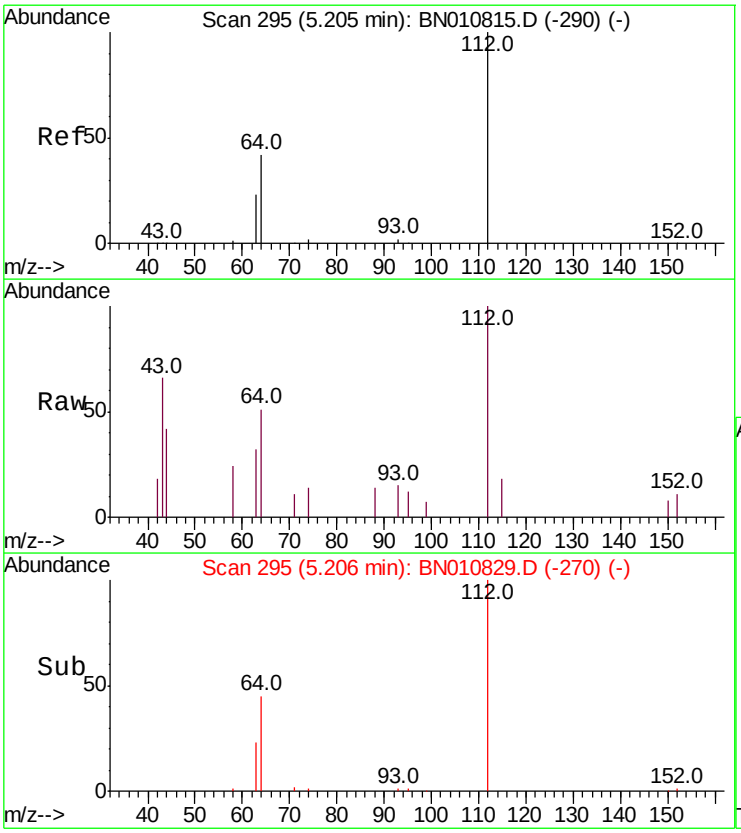
#3
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.03 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion: 42 Resp: 246

Ion	Ratio	Lower	Upper
42	100		
74	182.5	140.7	211.1
44	0.0	1.4	2.2#

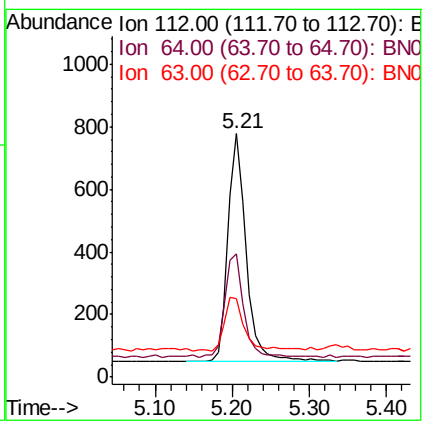


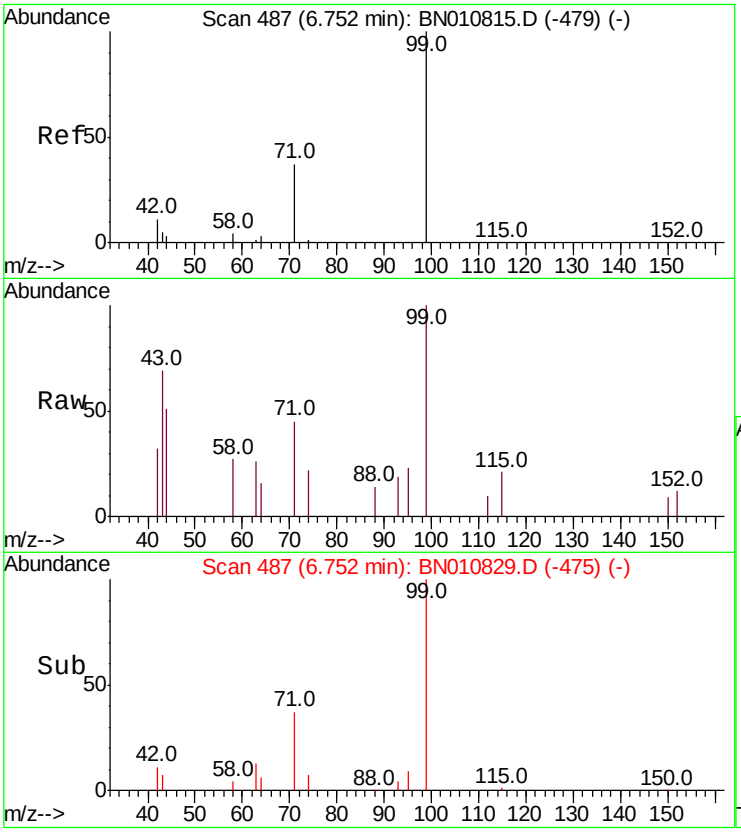


#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:112 Resp: 1183

Ion	Ratio	Lower	Upper
112	100		
64	46.2	37.4	56.0
63	22.8	22.2	33.4



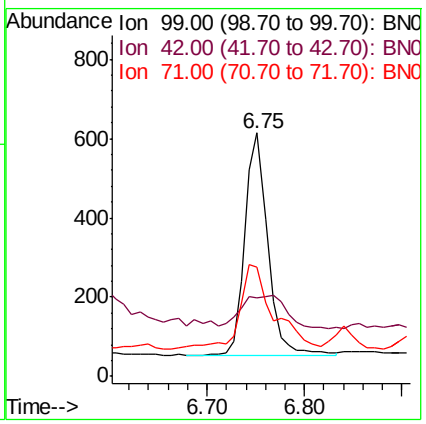


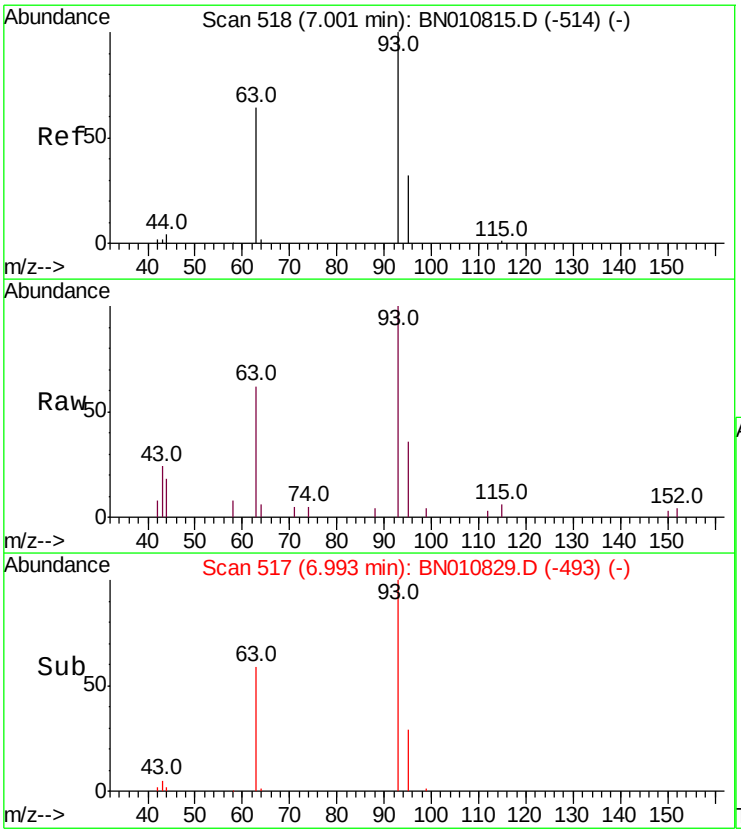
#5
Phenol-d6
Concen: 0.125 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion: 99 Resp: 908

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	52.8	31.4	47.2#

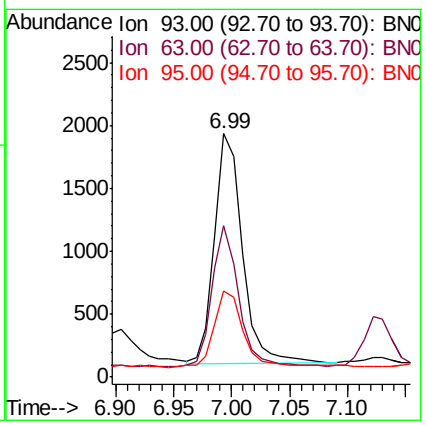


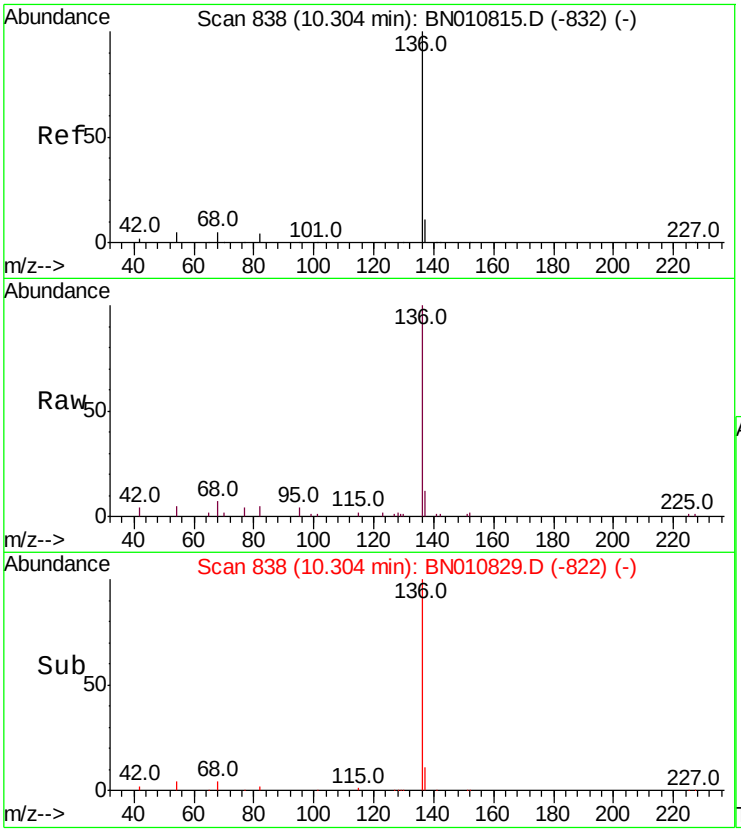


#6
bis(2-Chloroethyl)ether
Concen: 0.438 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion: 93 Resp: 3094

Ion	Ratio	Lower	Upper
93	100		
63	57.2	49.4	74.2
95	34.3	26.7	40.1



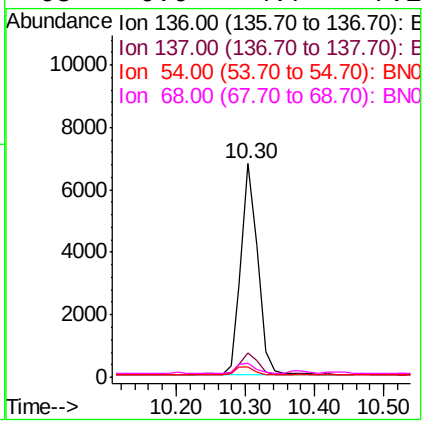


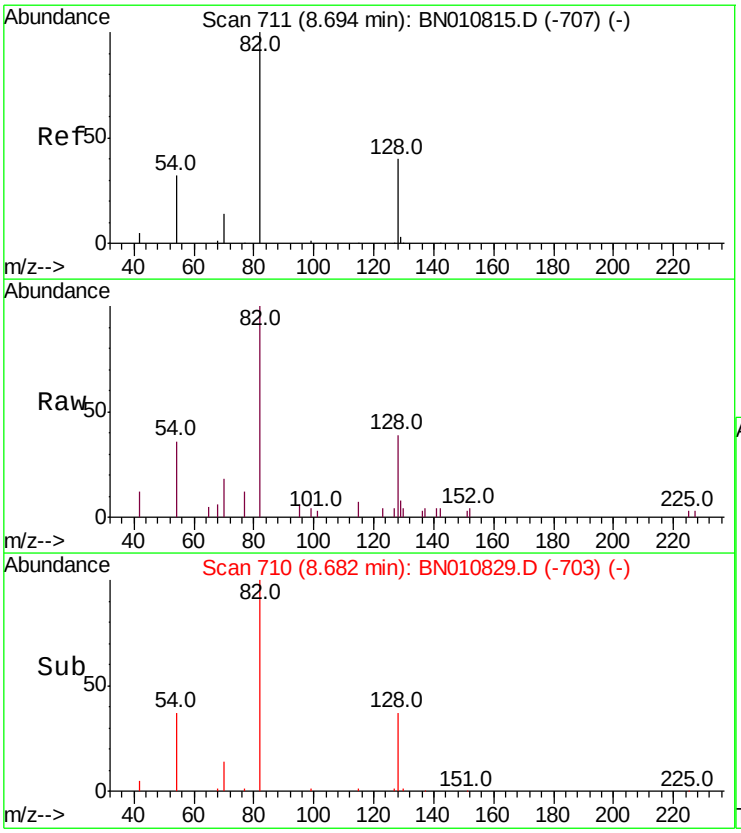
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:136 Resp: 11737

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	5.1	4.9	7.3
68	6.6	4.7	7.1

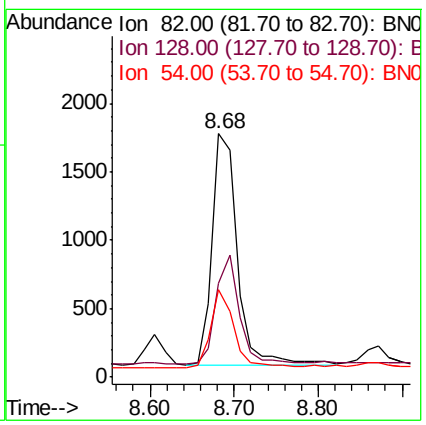


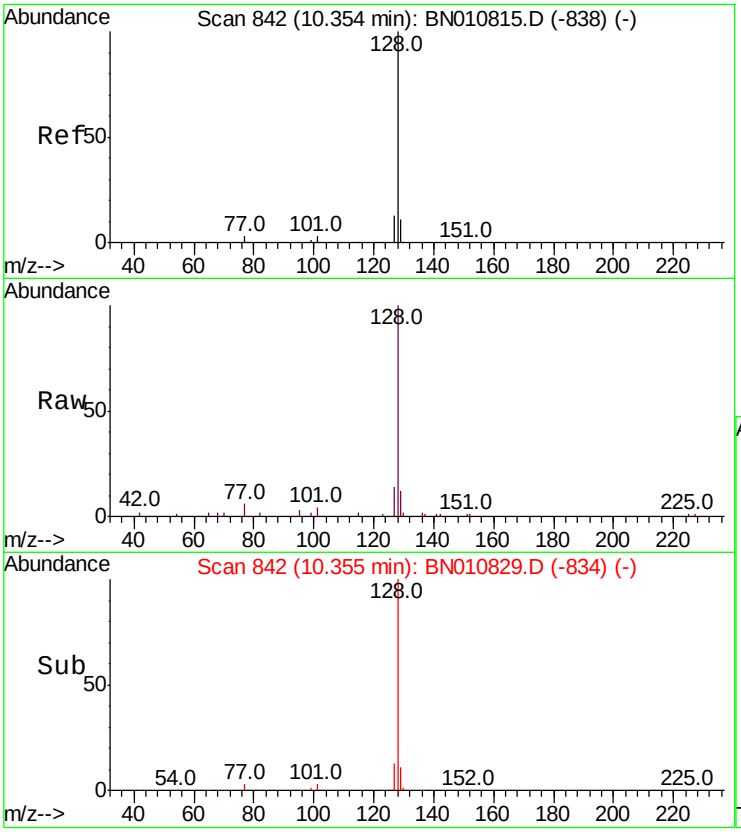


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion: 82 Resp: 3531

Ion	Ratio	Lower	Upper
82	100		
128	38.6	35.4	53.0
54	36.1	28.2	42.4



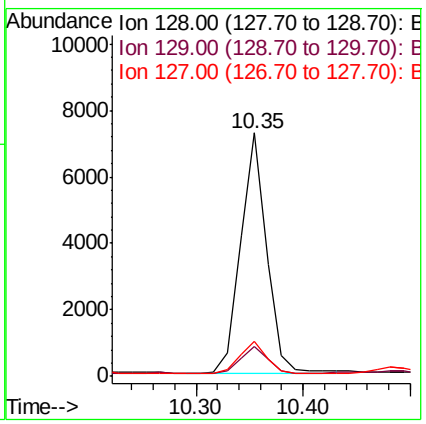


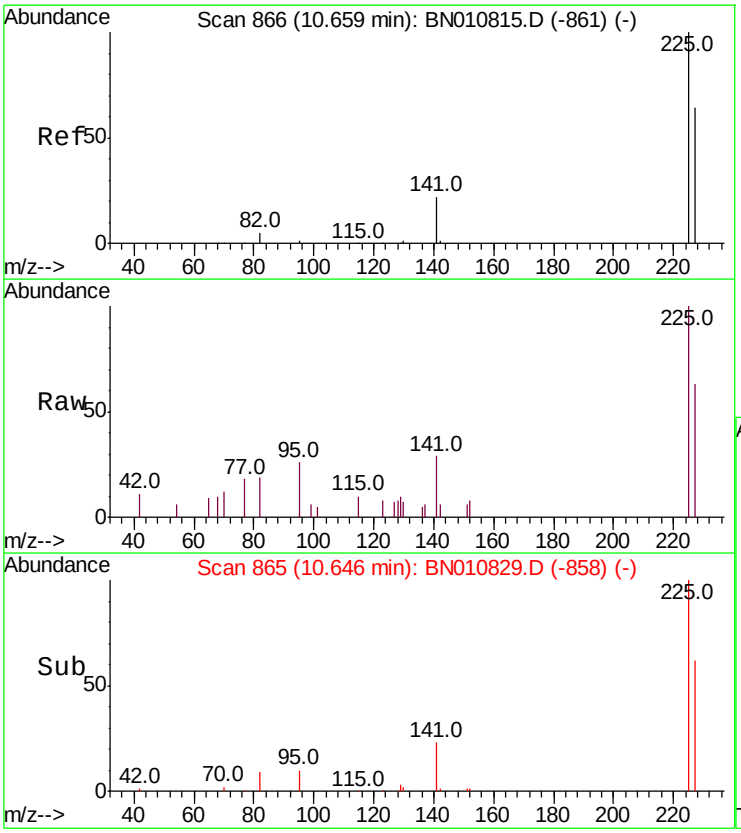
#9
Naphthalene
Concen: 0.416 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:128 Resp: 12259

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.3	11.4	17.2

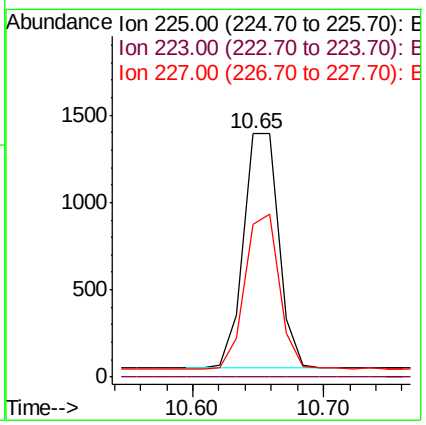


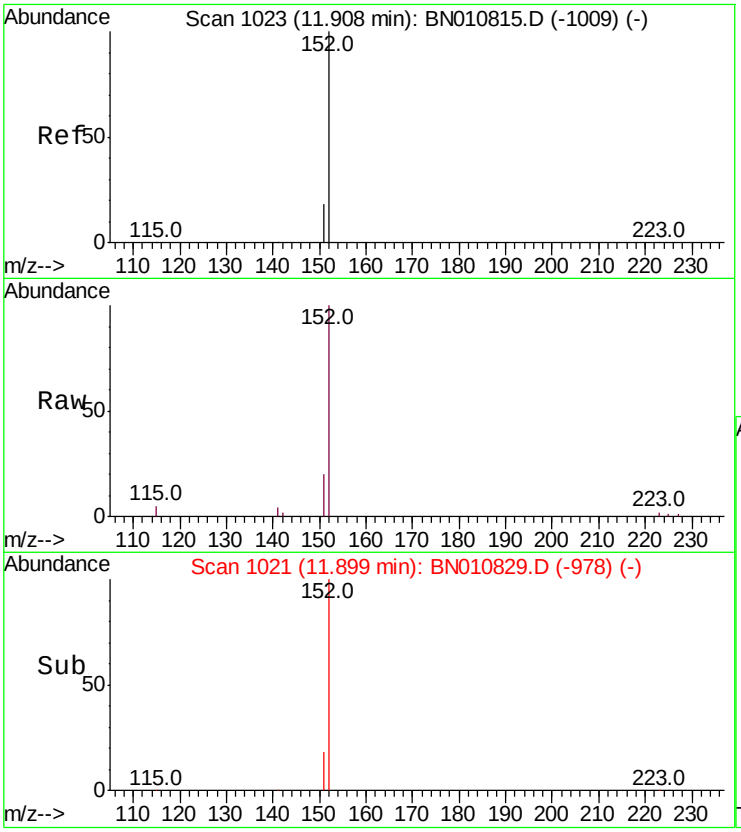


#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 10.65 min Scan# 865
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:225 Resp: 2516

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



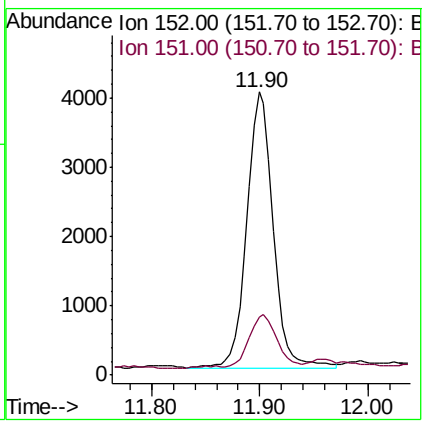


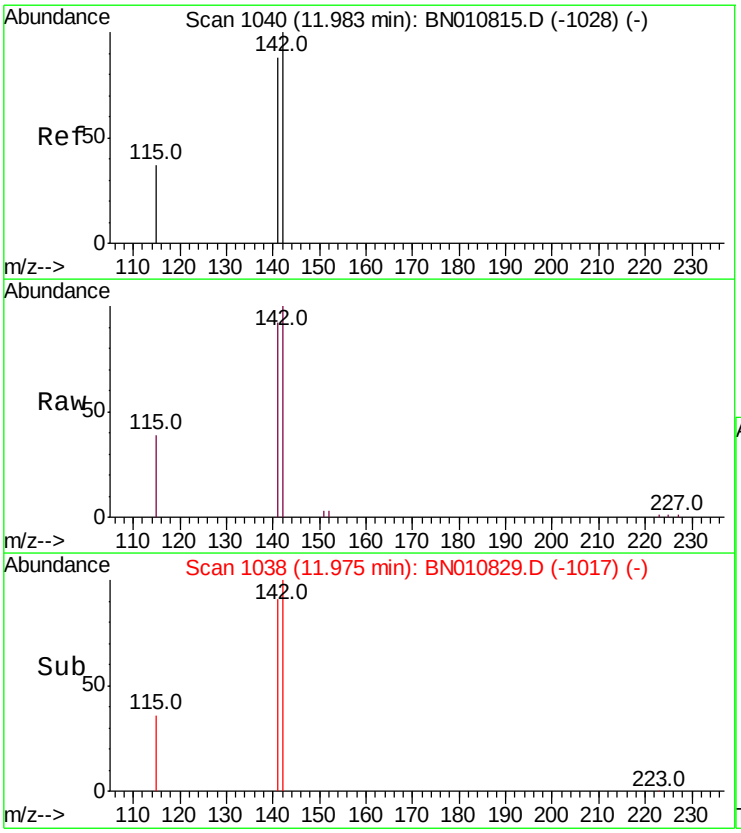
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:152 Resp: 6735

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.3	22.9

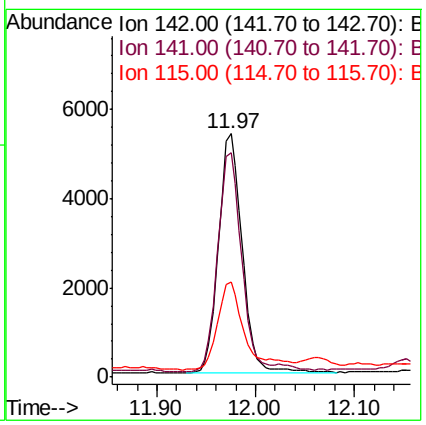


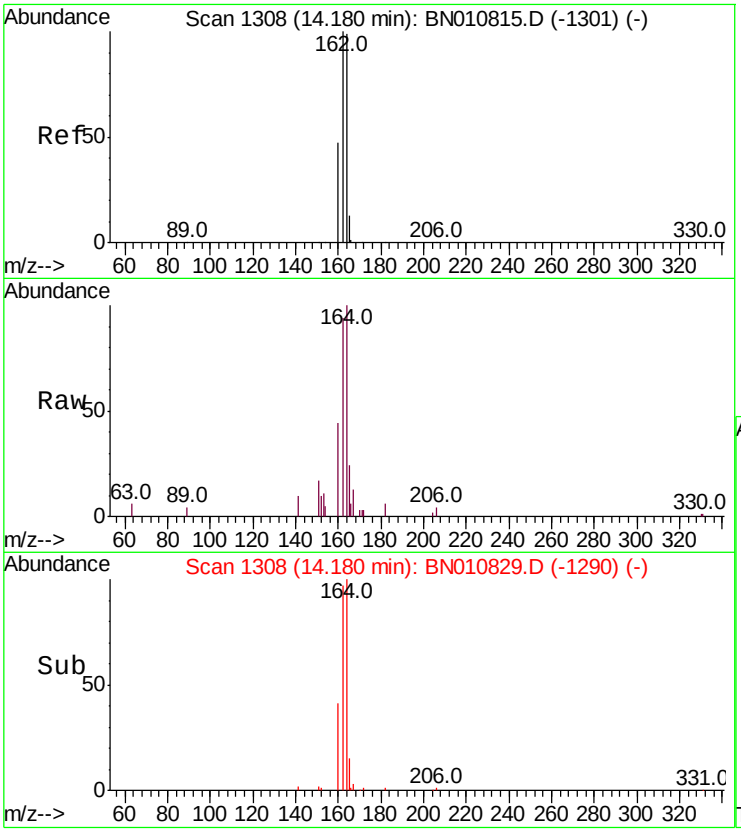


#12
2-Methylnaphthalene
Concen: 0.456 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:142 Resp: 9000

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	38.8	31.5	47.3



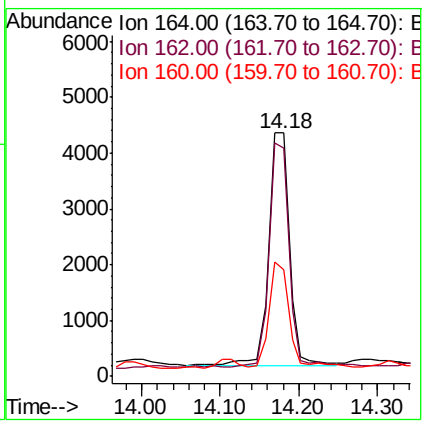


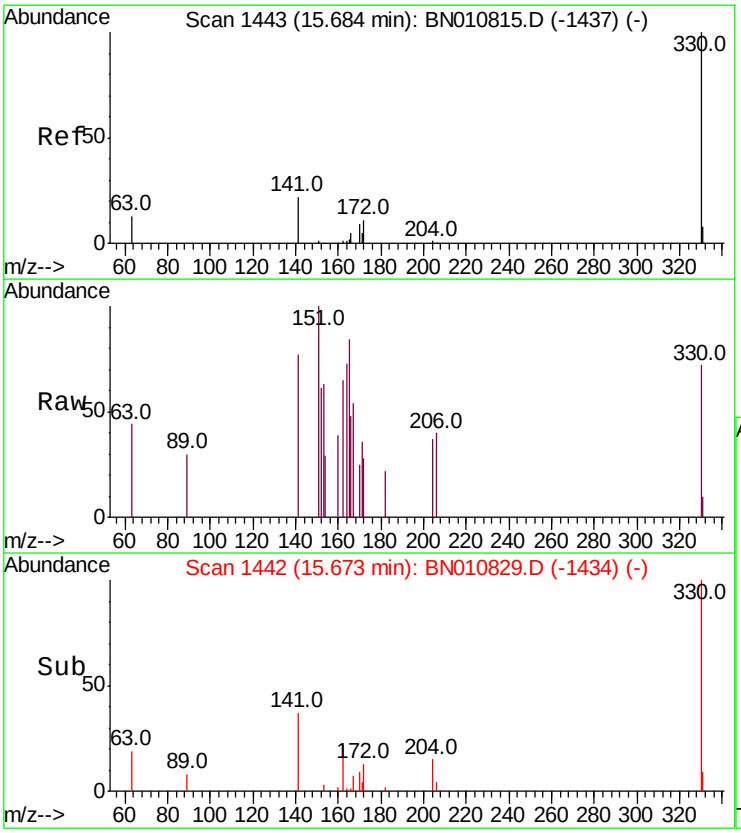
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument : BNA_N
ClientSampleId : VE-4-11MS

Tgt Ion:164 Resp: 7557

Ion	Ratio	Lower	Upper
164	100		
162	93.8	81.0	121.6
160	43.6	38.9	58.3

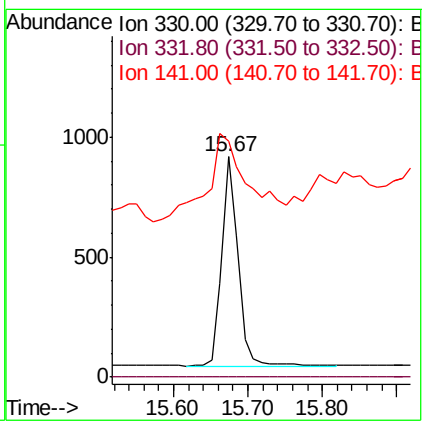


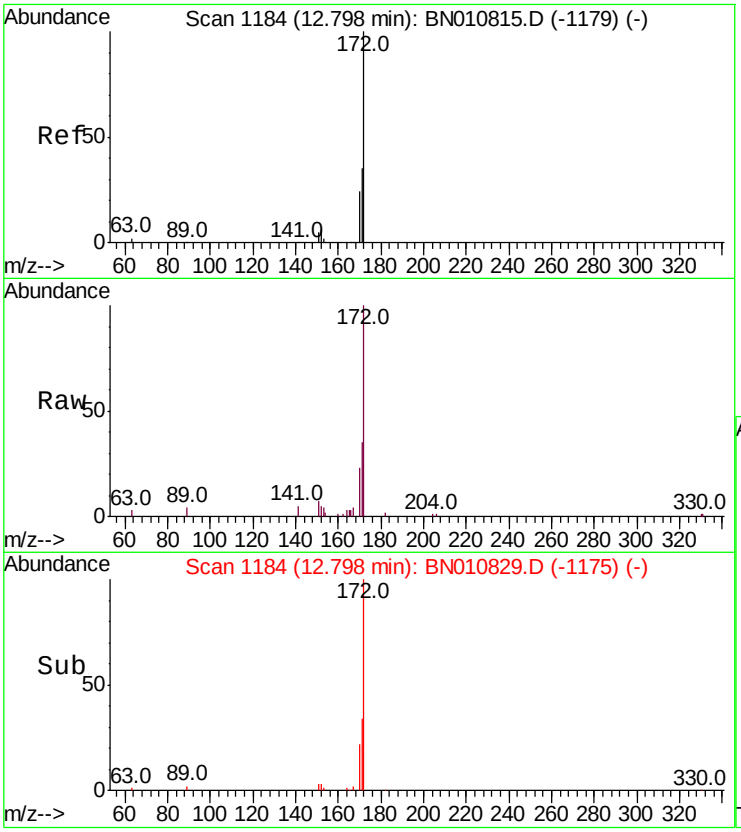


#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:330 Resp: 1333

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	58.1	33.2	49.8#



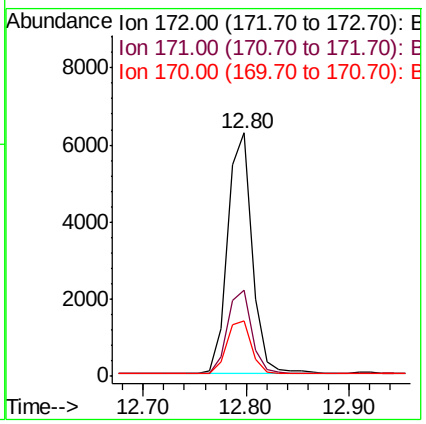


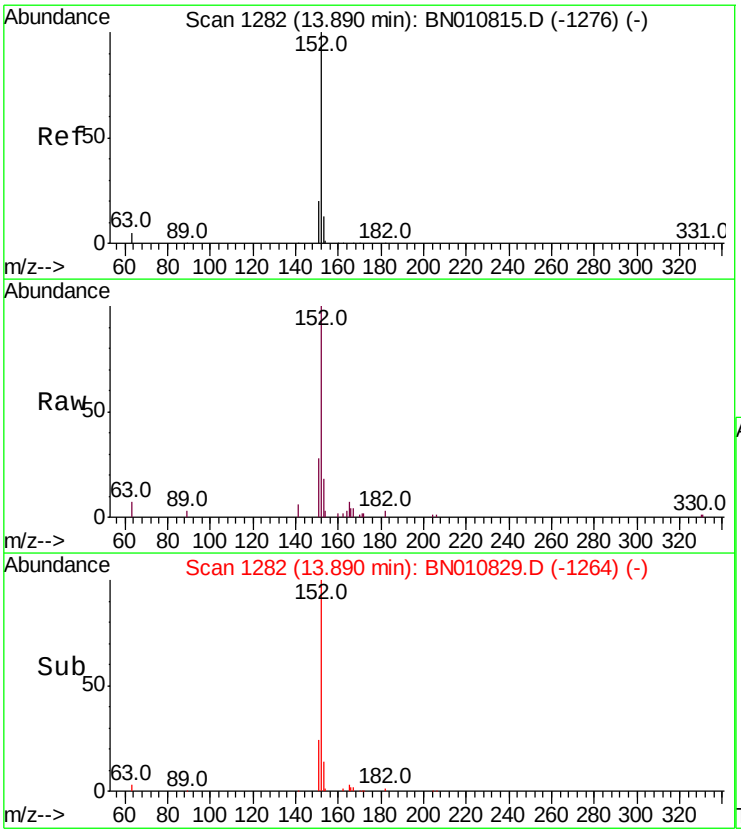
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:172 Resp: 10412

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.6	19.7	29.5

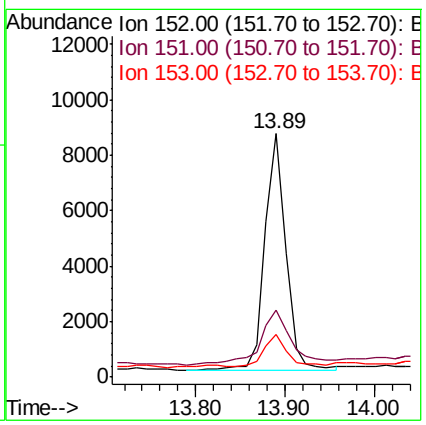


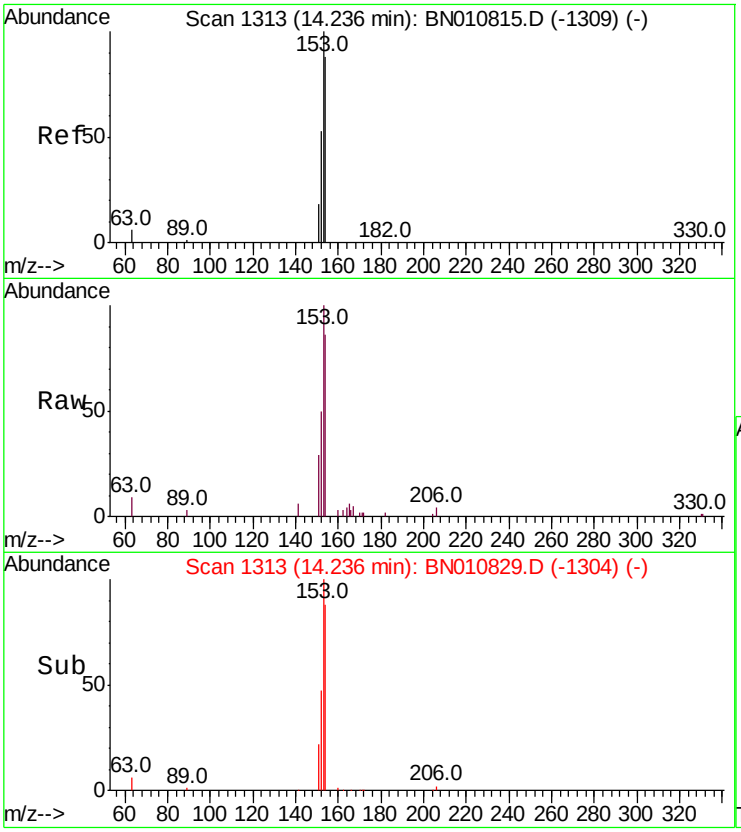


#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:152 Resp: 13867

Ion	Ratio	Lower	Upper
152	100		
151	34.7	15.6	23.4#
153	15.3	10.6	16.0



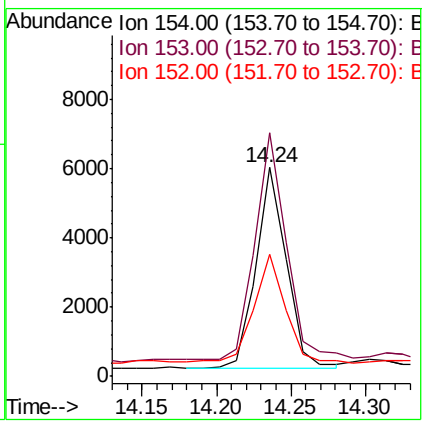


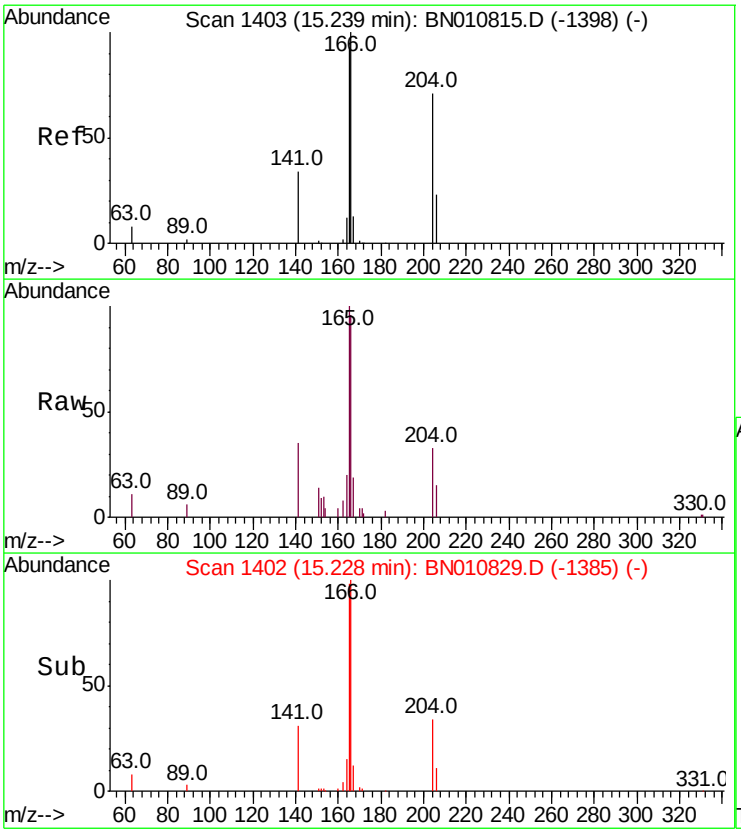
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:154 Resp: 8270

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.8	137.6
152	56.0	47.6	71.4

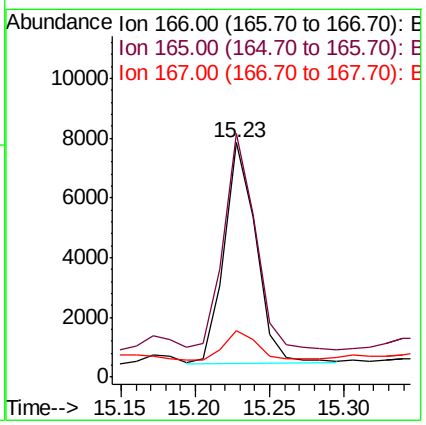


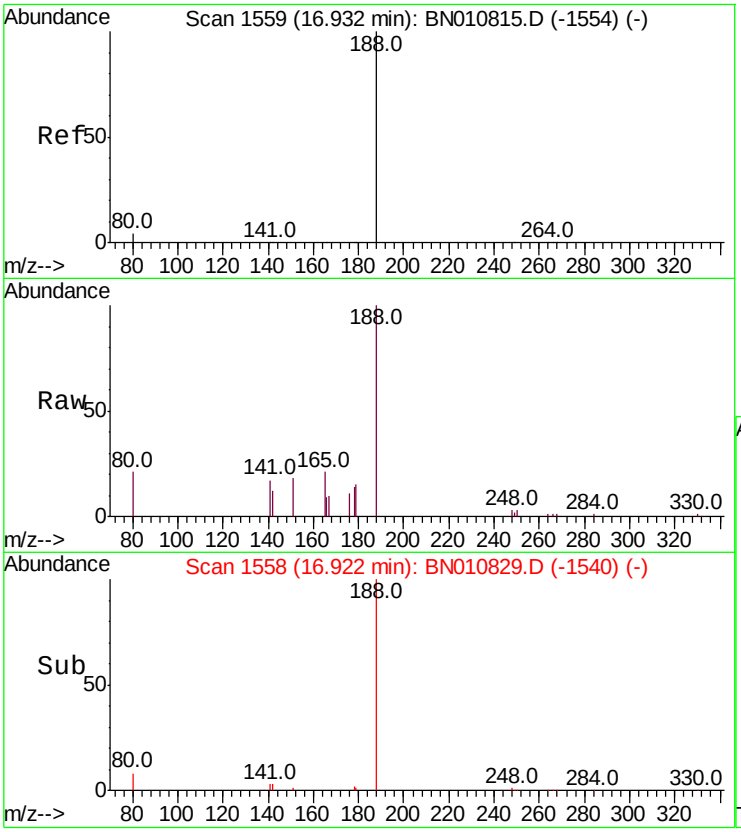


#18
Fluorene
Concen: 0.404 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:166 Resp: 10996

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.2	115.8
167	13.0	10.7	16.1



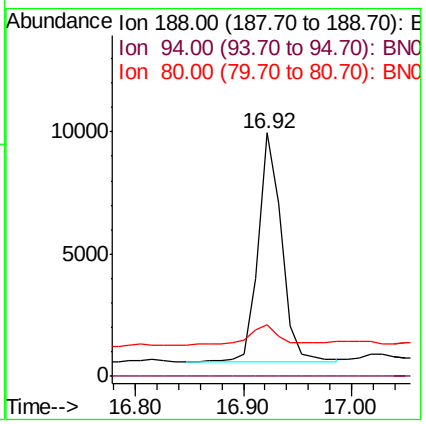


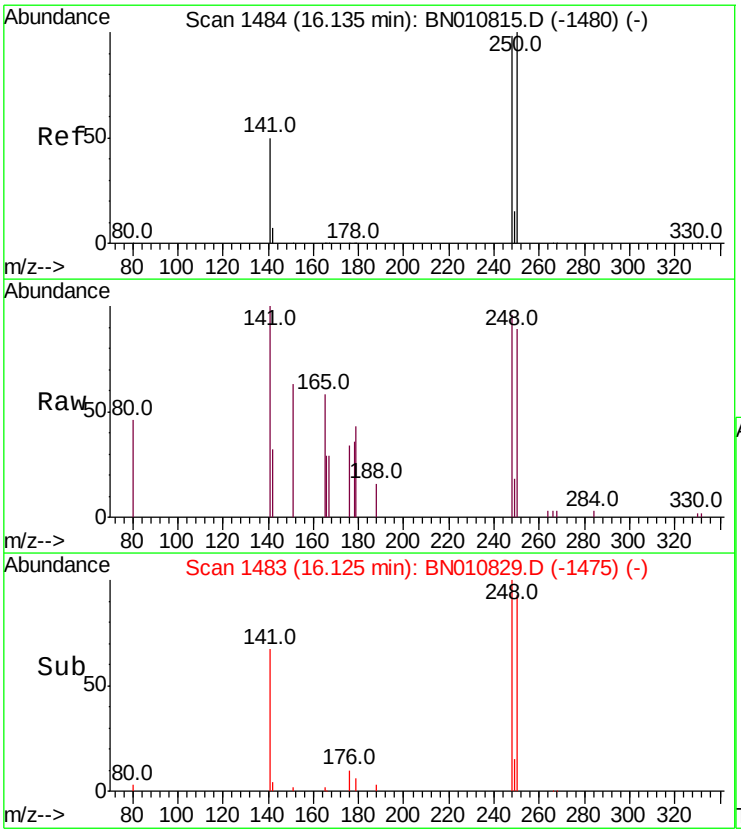
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:188 Resp: 14162

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.0	4.5	6.7#

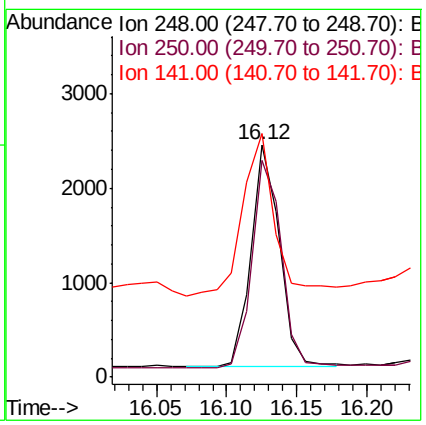


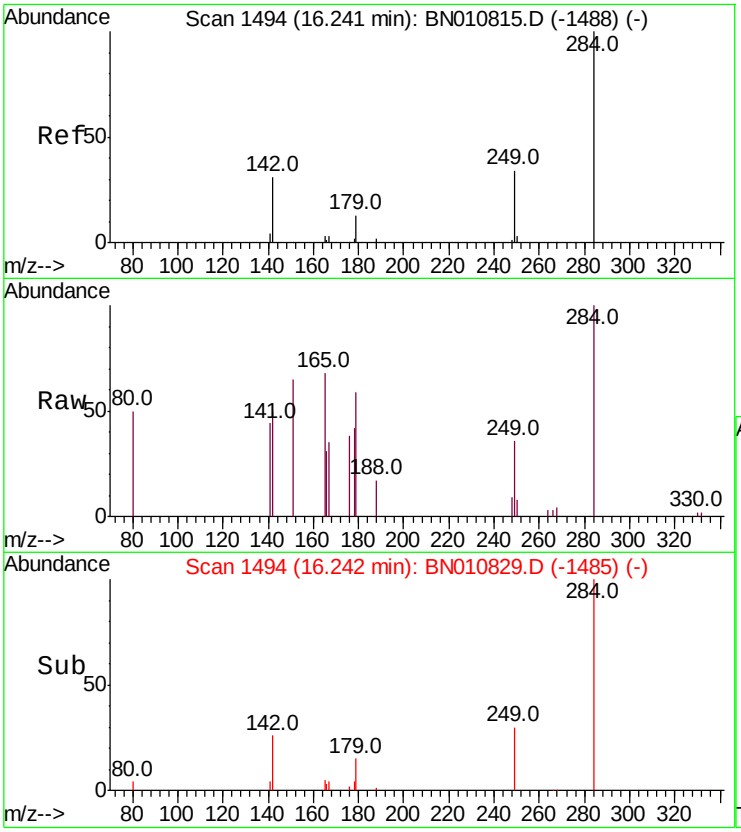


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:248 Resp: 3326

Ion	Ratio	Lower	Upper
248	100		
250	93.0	81.8	122.8
141	104.7	42.6	64.0#



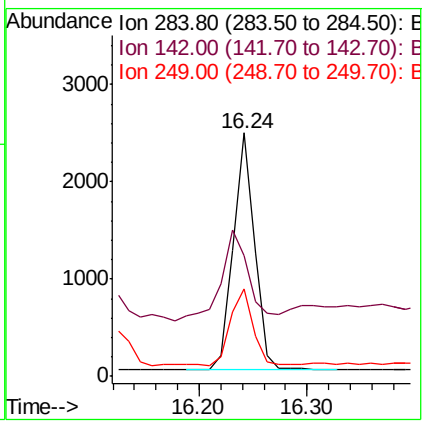


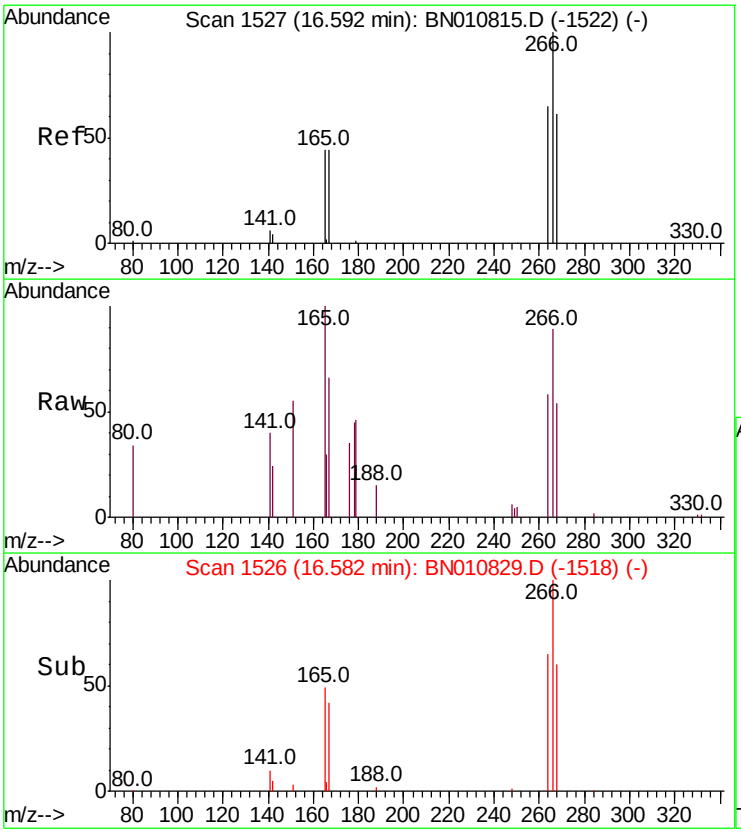
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:284 Resp: 3333

Ion	Ratio	Lower	Upper
284	100		
142	48.6	31.0	46.4#
249	33.4	27.1	40.7

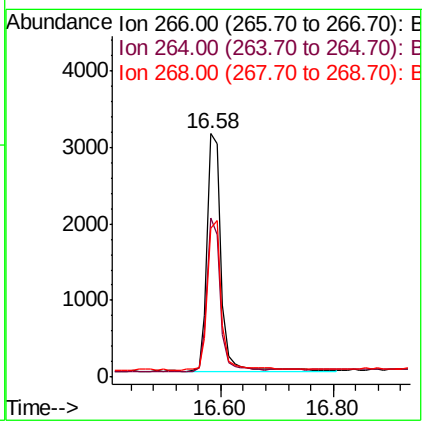


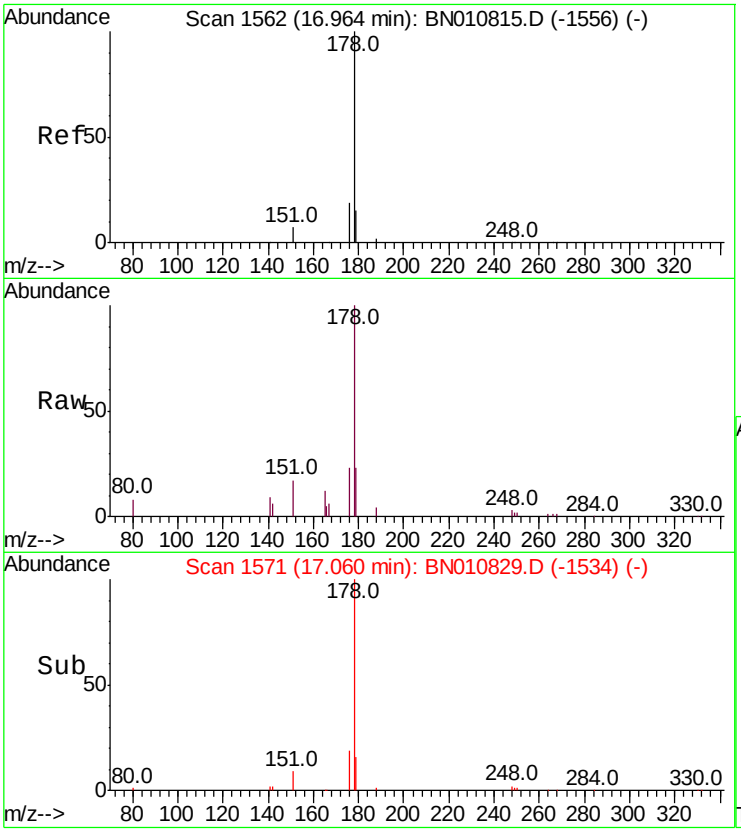


#22
Pentachlorophenol
Concen: 1.806 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:266 Resp: 5381

Ion	Ratio	Lower	Upper
266	100		
264	65.5	54.8	82.2
268	61.2	55.9	83.9



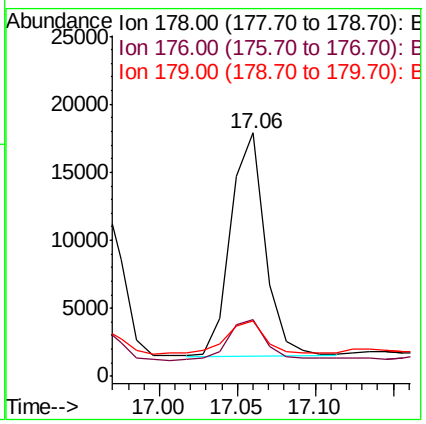


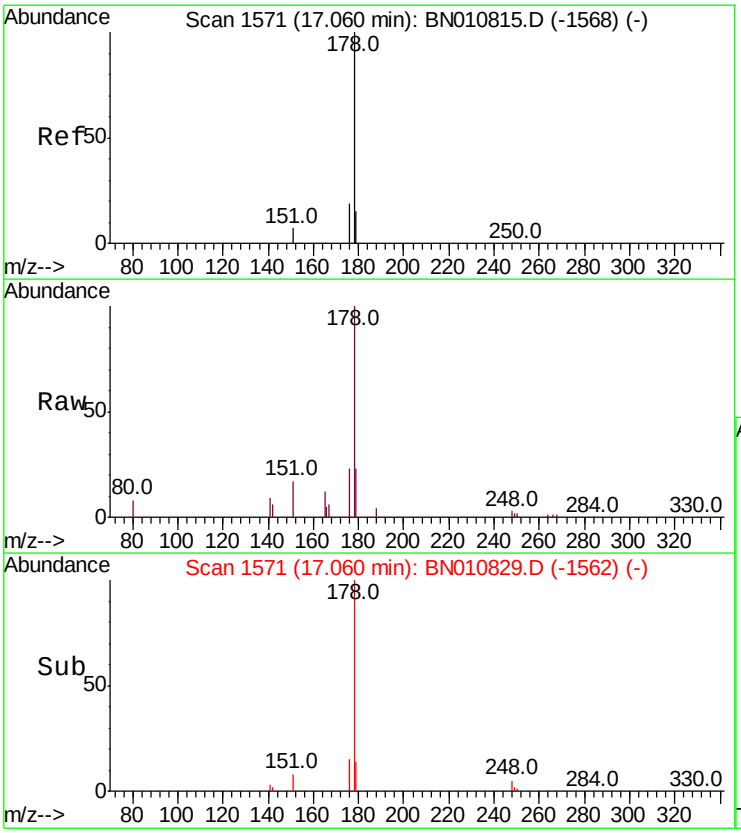
#23
Phenanthrene
Concen: 0.660 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.10 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:178 Resp: 25535

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	17.3	12.6	19.0

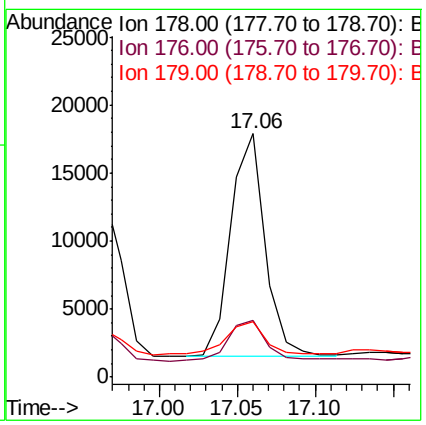


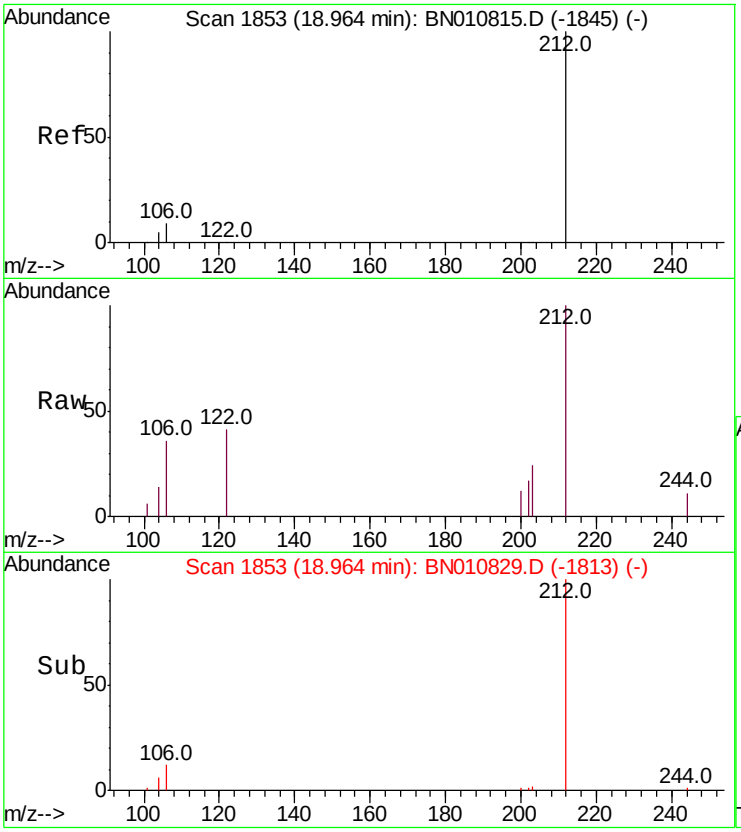


#24
Anthracene
Concen: 0.777 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:178 Resp: 25102

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	17.3	12.3	18.5



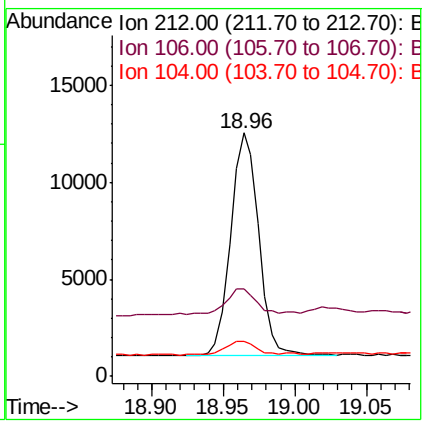


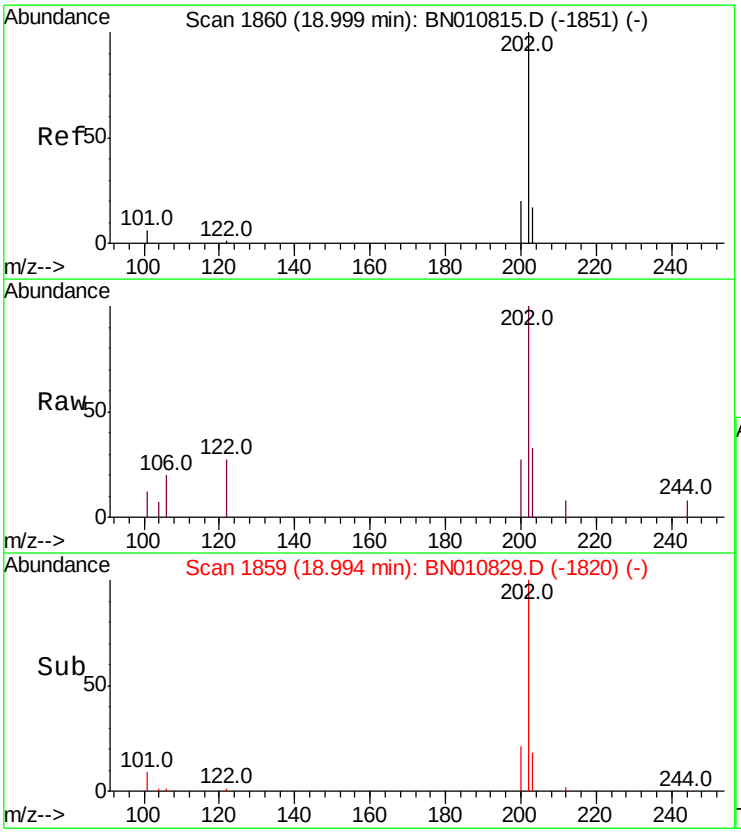
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:212 Resp: 15653

Ion	Ratio	Lower	Upper
212	100		
106	13.0	6.6	10.0#
104	7.0	4.0	6.0#

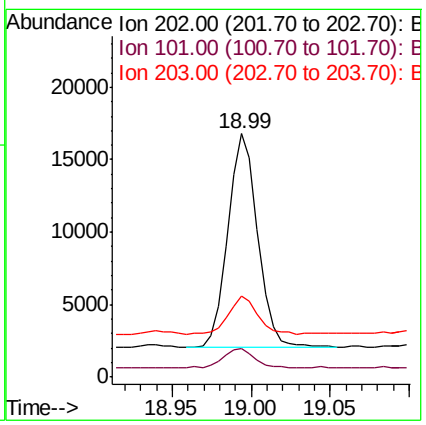


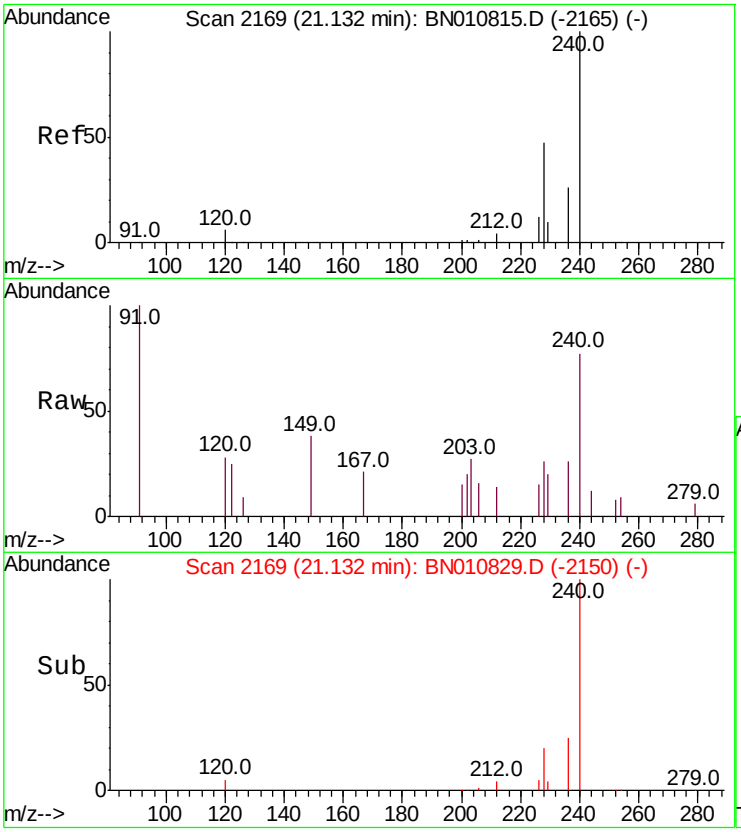


#26
Fluoranthene
Concen: 0.442 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:202 Resp: 19428

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.8	8.6#
203	17.3	13.7	20.5



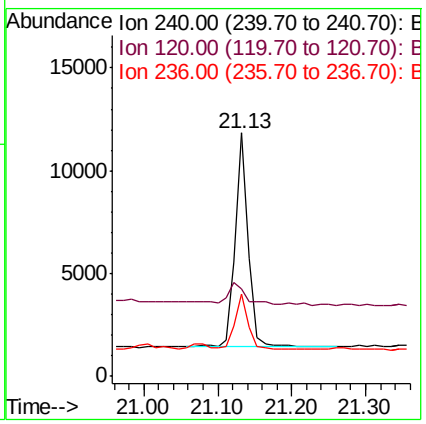


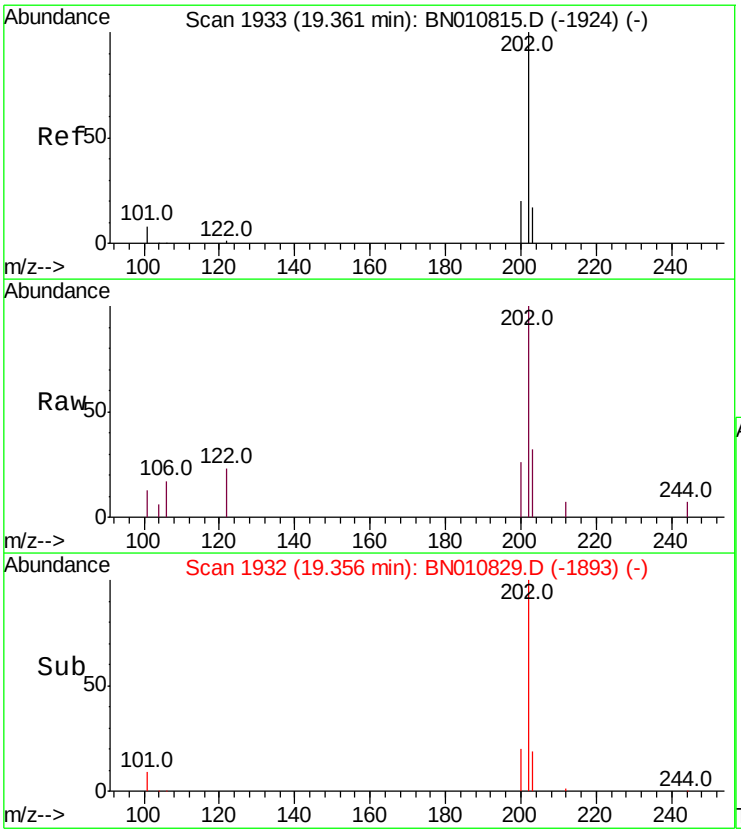
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:240 Resp: 13221

Ion	Ratio	Lower	Upper
240	100		
120	36.1	7.5	11.3#
236	33.6	22.3	33.5#

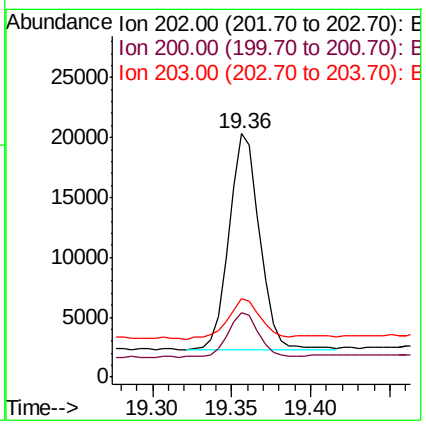


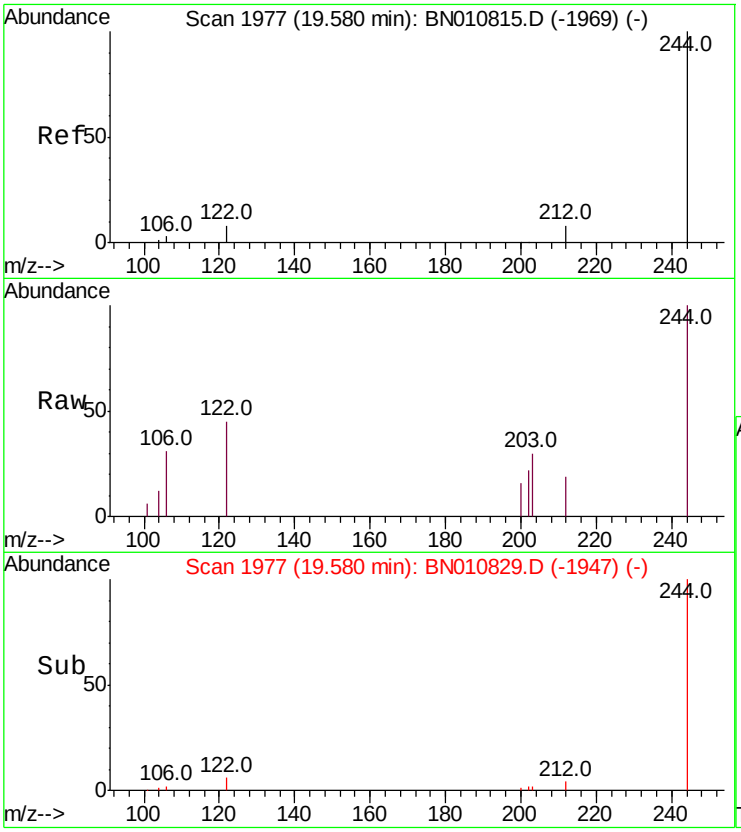


#28
Pyrene
Concen: 0.553 ng
RT: 19.36 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:202 Resp: 24183

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.4	24.6
203	19.8	14.2	21.4



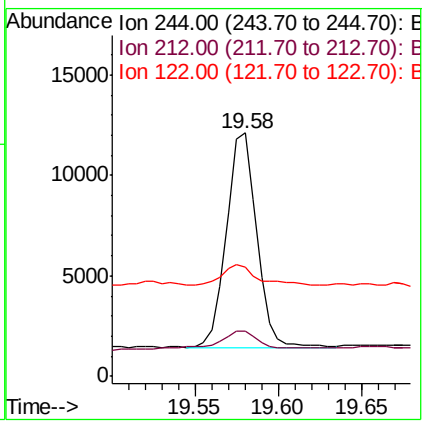


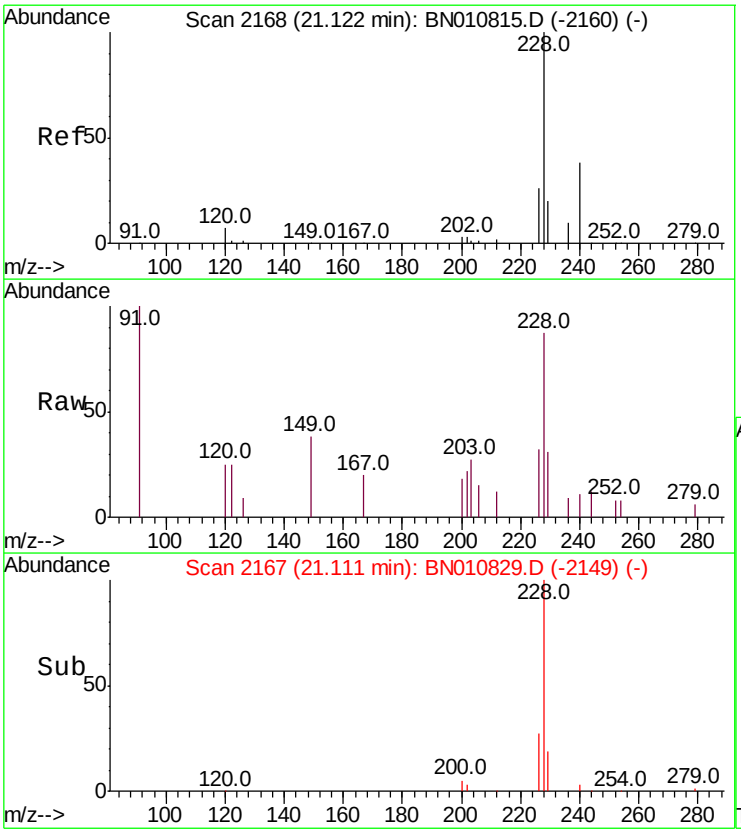
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:244 Resp: 13403

Ion	Ratio	Lower	Upper
244	100		
212	18.6	7.4	11.2#
122	44.8	7.5	11.3#

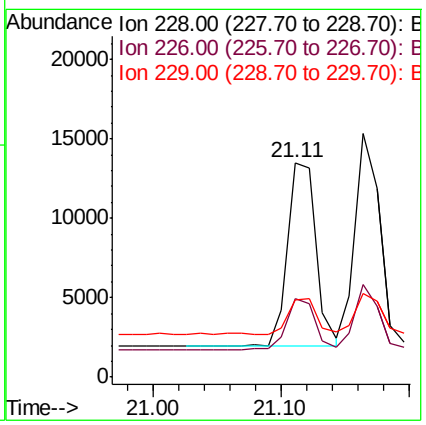


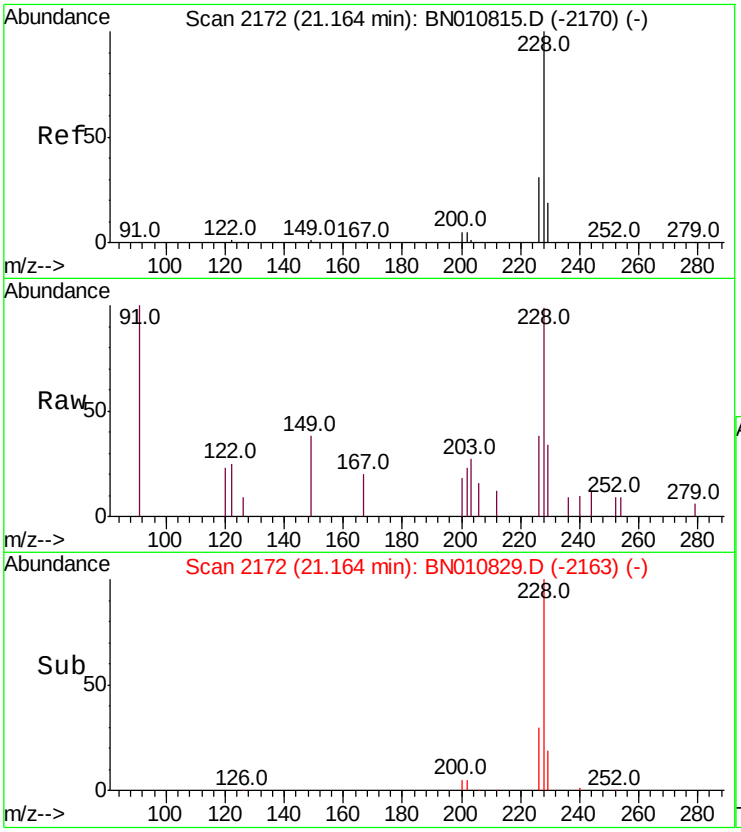


#30
Benzo(a)anthracene
Concen: 0.455 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:228 Resp: 17672

Ion	Ratio	Lower	Upper
228	100		
226	36.4	21.3	31.9#
229	36.1	16.6	24.8#



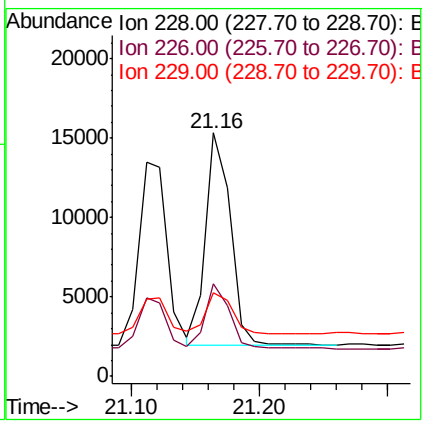


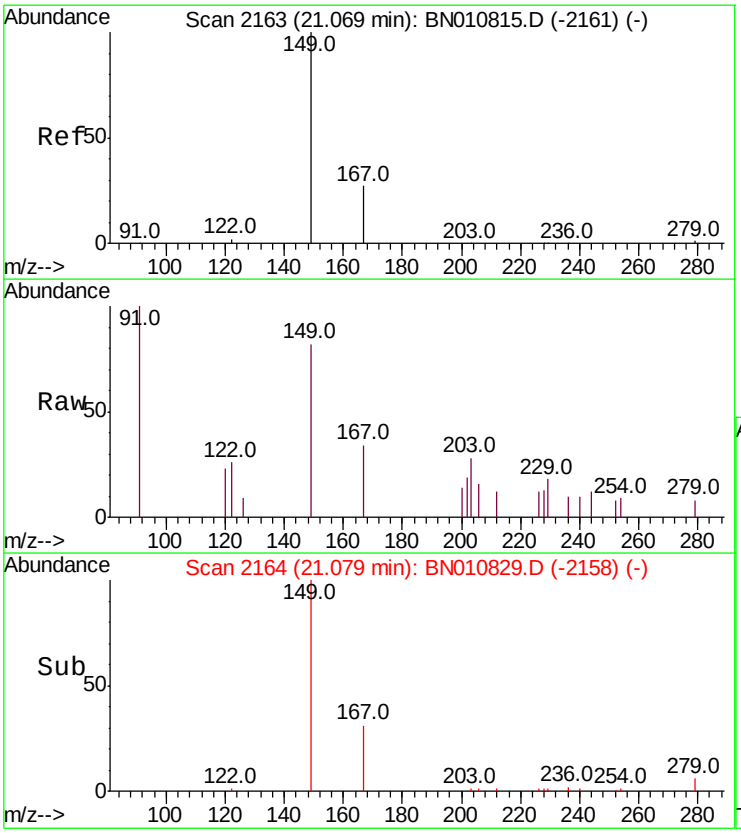
#31
Chrysene
Concen: 0.395 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:228 Resp: 17878

Ion	Ratio	Lower	Upper
228	100		
226	37.9	25.0	37.6#
229	34.5	16.1	24.1#

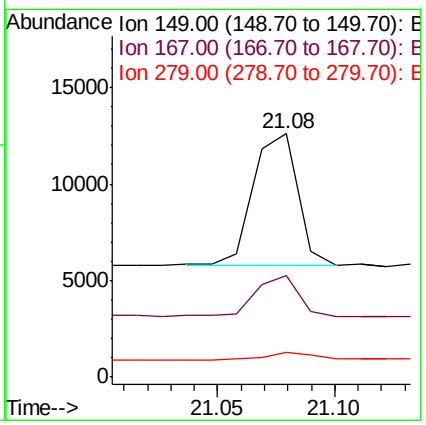


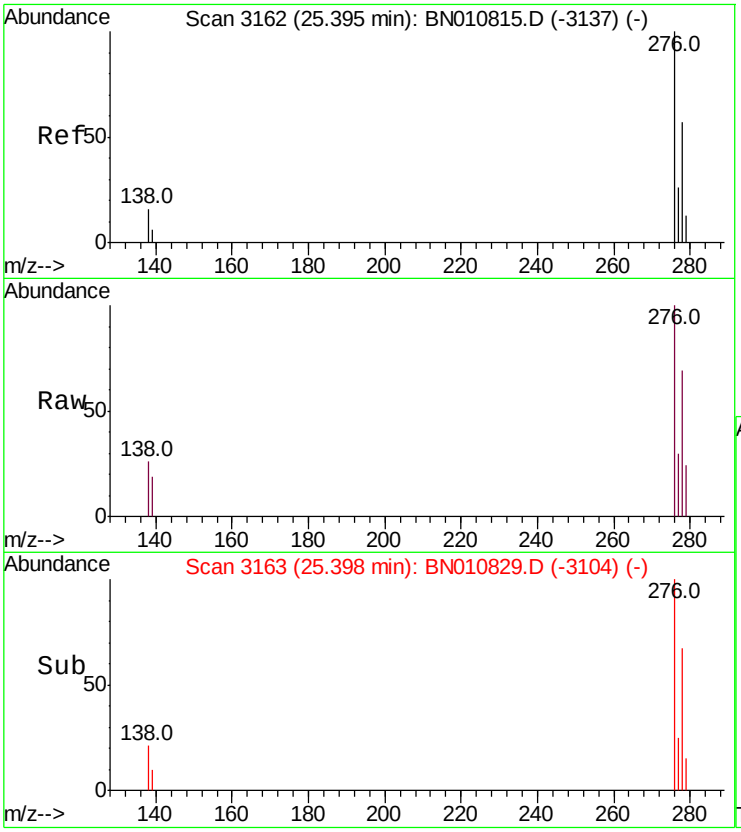


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.691 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:149 Resp: 8950

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.1	36.1
279	6.1	4.6	7.0



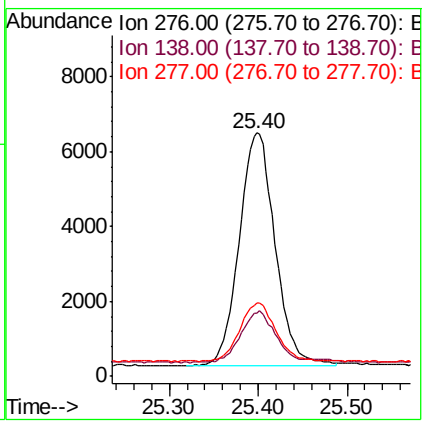


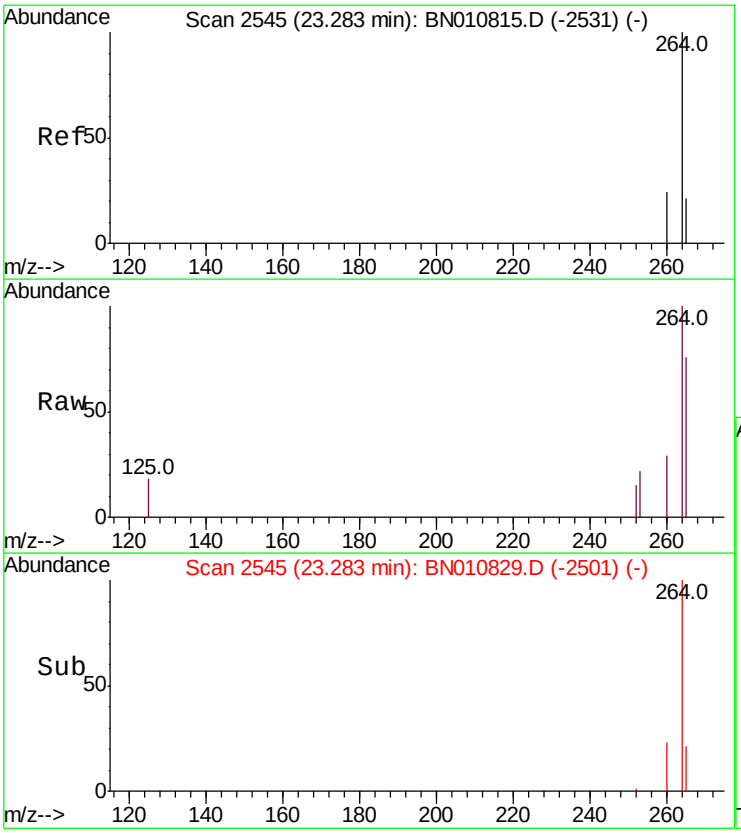
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng
RT: 25.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:276 Resp: 17335

Ion	Ratio	Lower	Upper
276	100		
138	21.4	13.0	19.6#
277	25.0	19.7	29.5

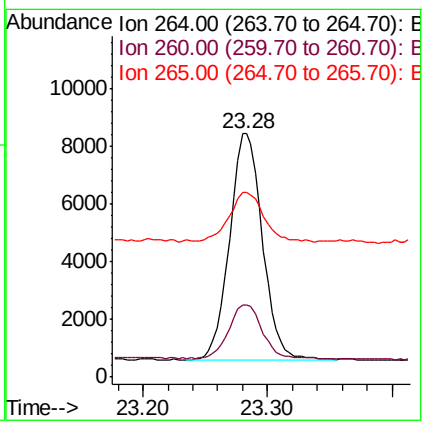


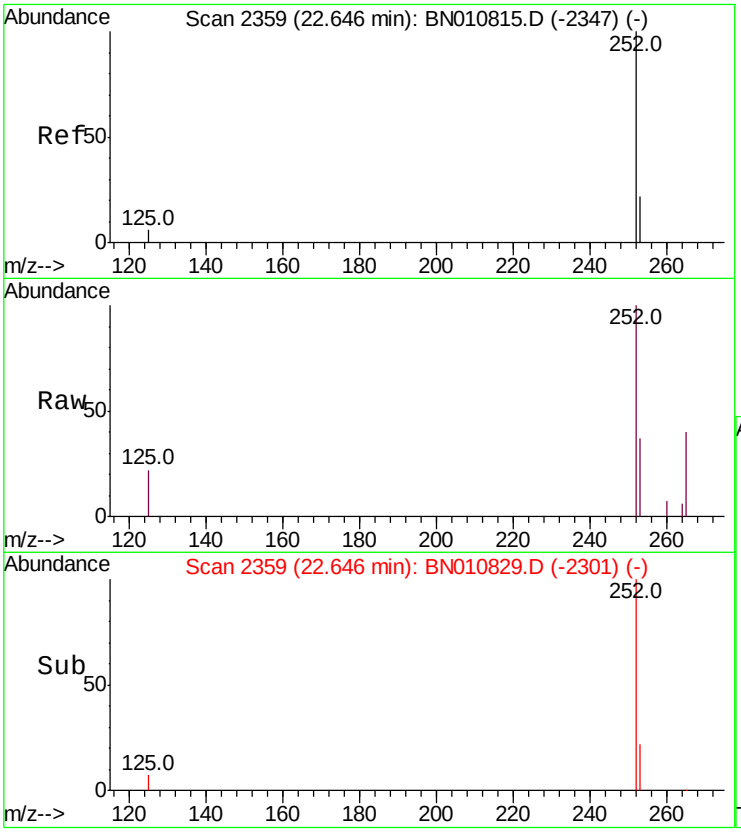


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:264 Resp: 14442

Ion	Ratio	Lower	Upper
264	100		
260	29.4	20.4	30.6
265	75.9	75.0	112.4



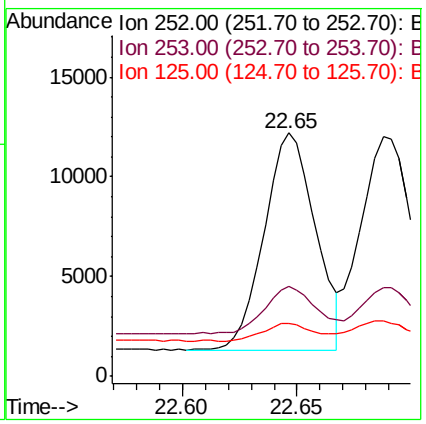


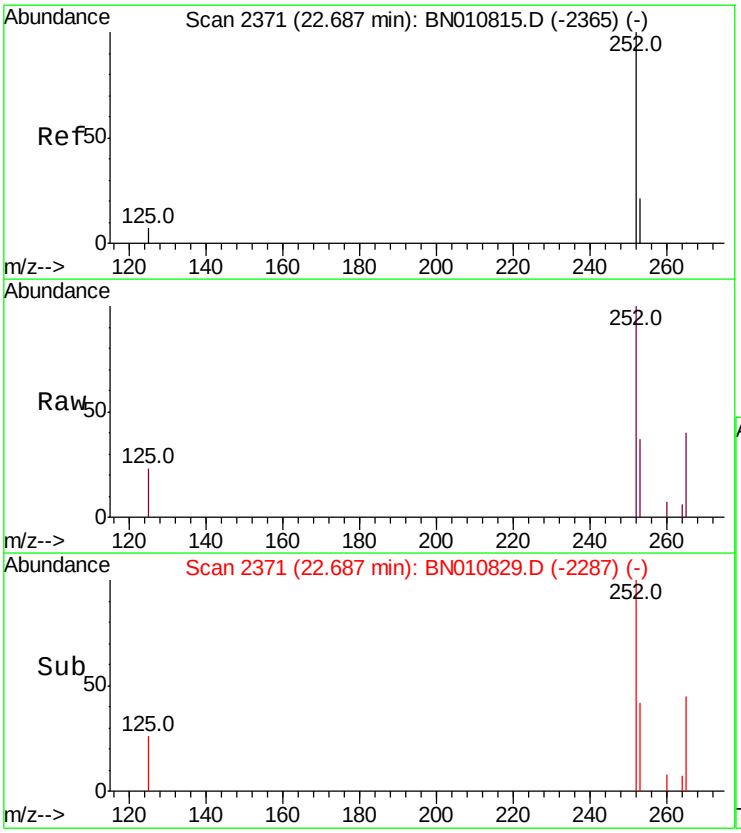
#35
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:252 Resp: 16887

Ion	Ratio	Lower	Upper
252	100		
253	36.9	22.4	33.6#
125	21.8	9.4	14.0#

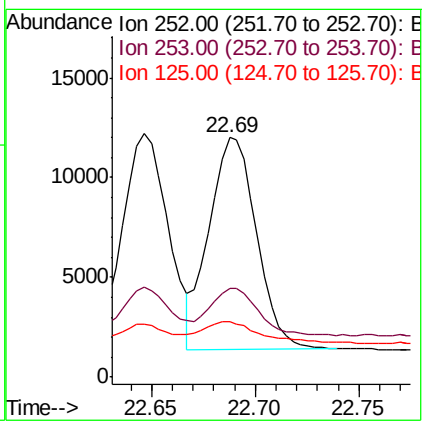


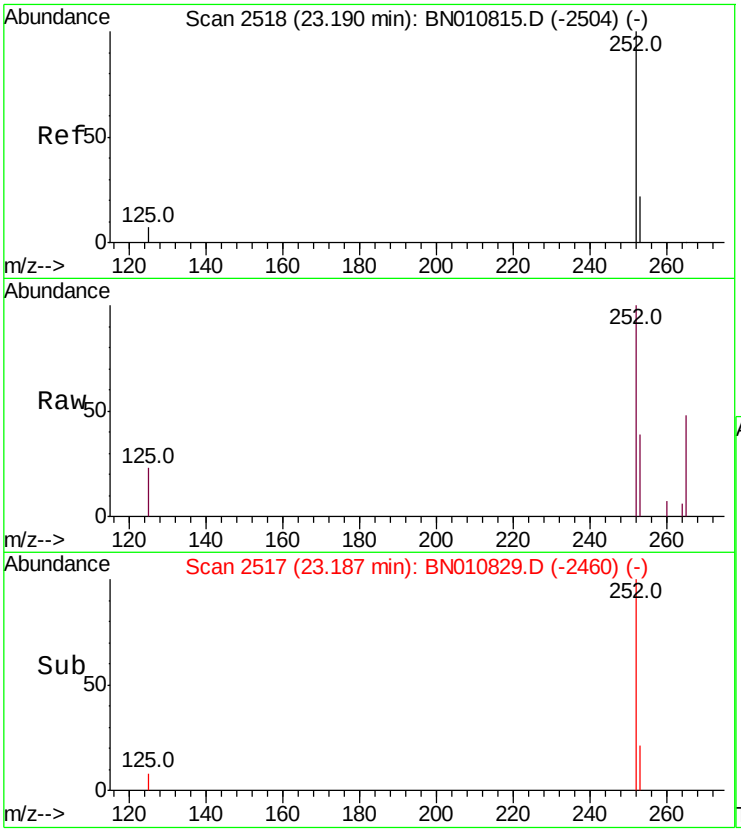


#36
Benzo(k)fluoranthene
Concen: 0.322 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:252 Resp: 16866

Ion	Ratio	Lower	Upper
252	100		
253	36.8	22.2	33.4#
125	22.9	9.8	14.8#



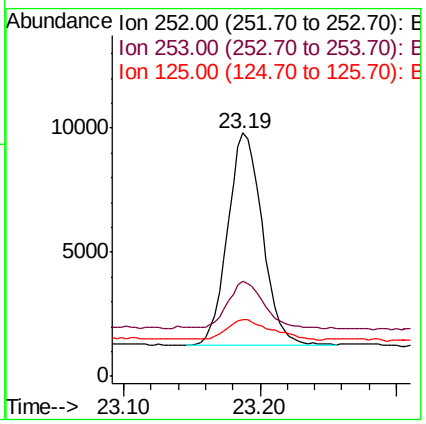


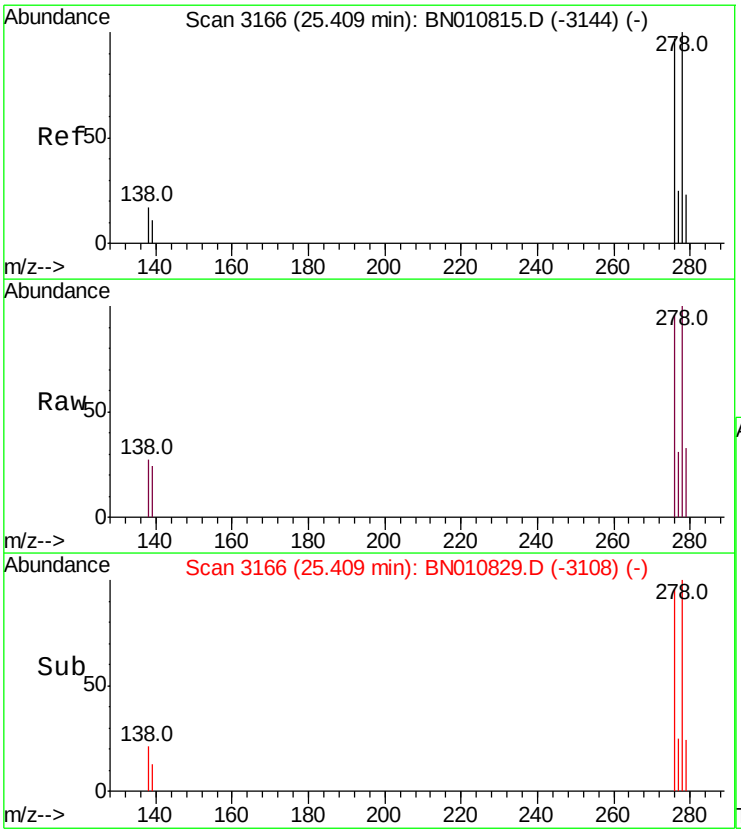
#37
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:252 Resp: 15198

Ion	Ratio	Lower	Upper
252	100		
253	39.3	25.8	38.8#
125	23.1	12.4	18.6#

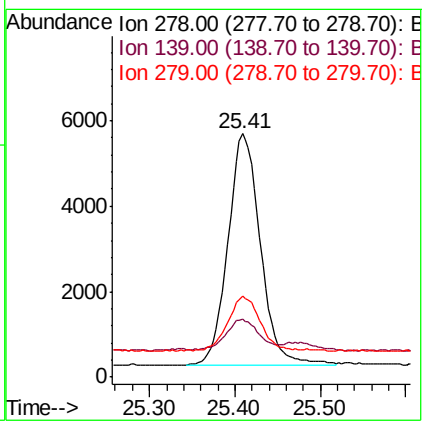


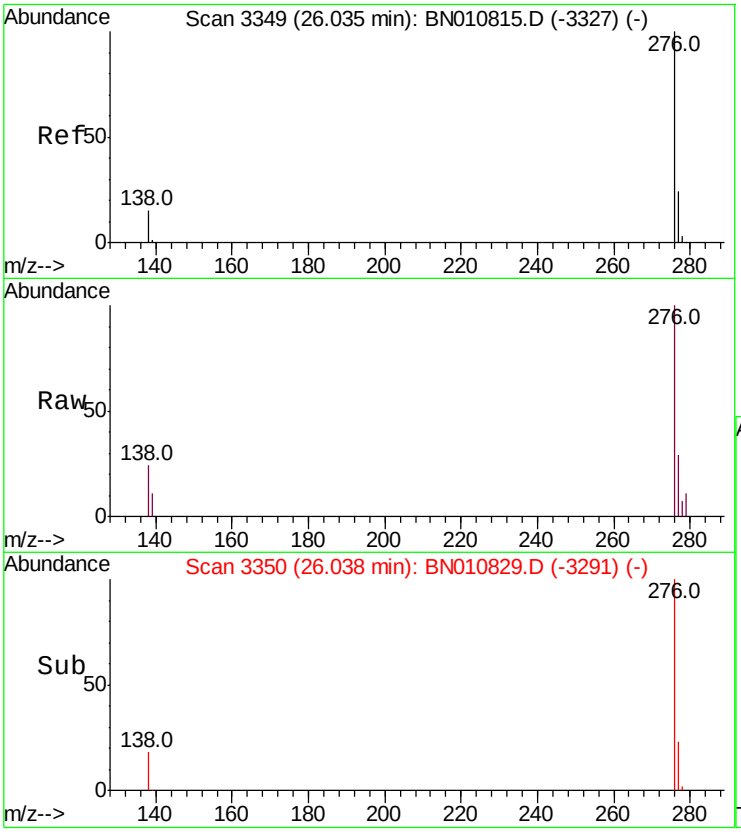


#38
Dibenzo(a,h)anthracene
Concen: 0.297 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Tgt Ion:278 Resp: 14290

Ion	Ratio	Lower	Upper
278	100		
139	23.8	10.6	15.8#
279	33.4	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.300 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BN010829.D
Acq: 10 Jun 2020 22:15

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tgt Ion:276 Resp: 15038

Ion	Ratio	Lower	Upper
276	100		
277	29.0	20.5	30.7
138	23.6	13.7	20.5#