Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
Data File : BN010967.D
Acq On : 19 Jun 2020 13:24
Operator : CG/JU
Sample : PB129630BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129630BS

Quant Time: Jun 19 13:54:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2357	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	7294	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	4472	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	9071	0.40	ng		0.01
27) Chrysene-d12	21.12	240	8319	0.40	ng		0.00
34) Perylene-d12	23.26	264	8843	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2055	0.45	ng		0.00
5) Phenol-d6	6.73	99	2453	0.46	ng		0.00
8) Nitrobenzene-d5	8.67	82	2303	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	4937	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	695	0.43	ng		0.01
15) 2-Fluorobiphenyl	12.78	172	6675	0.38	ng		0.00
25) Fluoranthene-d10	18.95	212	10129	0.40	ng		0.00
29) Terphenyl-d14	19.56	244	7927	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1030	0.446	ng		96
3) n-Nitrosodimethylamine	3.53	42	632	0.471	ng	#	91
6) bis(2-Chloroethyl)ether	6.98	93	2191	0.419	ng		99
9) Naphthalene	10.33	128	7890	0.430	ng		100
10) Hexachlorobutadiene	10.62	225	1791	0.395	ng	#	100
12) 2-Methylnaphthalene	11.95	142	5337	0.435	ng		99
16) Acenaphthylene	13.87	152	7253	0.396	ng		99
17) Acenaphthene	14.21	154	5029	0.403	ng		98
18) Fluorene	15.22	166	6669	0.414	ng		99
20) 4-Bromophenyl-phenylether	16.11	248	2210	0.405	ng		97
21) Hexachlorobenzene	16.22	284	2258	0.397	ng		99
22) Pentachlorophenol	16.57	266	873	0.457	ng		98
23) Phenanthrene	16.94	178	10247	0.414	ng		99
24) Anthracene	17.04	178	8520	0.412	ng		98
26) Fluoranthene	18.98	202	11299	0.402	ng		99
28) Pyrene	19.34	202	11378	0.413	ng		100
30) Benzo(a)anthracene	21.10	228	10516	0.430	ng		98
31) Chrysene	21.15	228	11324	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	21.06	149	4044	0.496	ng		95
33) Indeno(1,2,3-cd)pyrene	25.36	276	13160	0.413	ng	#	96
35) Benzo(b)fluoranthene	22.63	252	12711	0.423	ng		98
36) Benzo(k)fluoranthene	22.67	252	13308	0.415	ng		100
37) Benzo(a)pyrene	23.17	252	10344	0.401	ng		97
38) Dibenzo(a,h)anthracene	25.38	278	10931	0.372	ng		98
39) Benzo(g,h,i)perylene	26.00	276	11324	0.368	ng		98

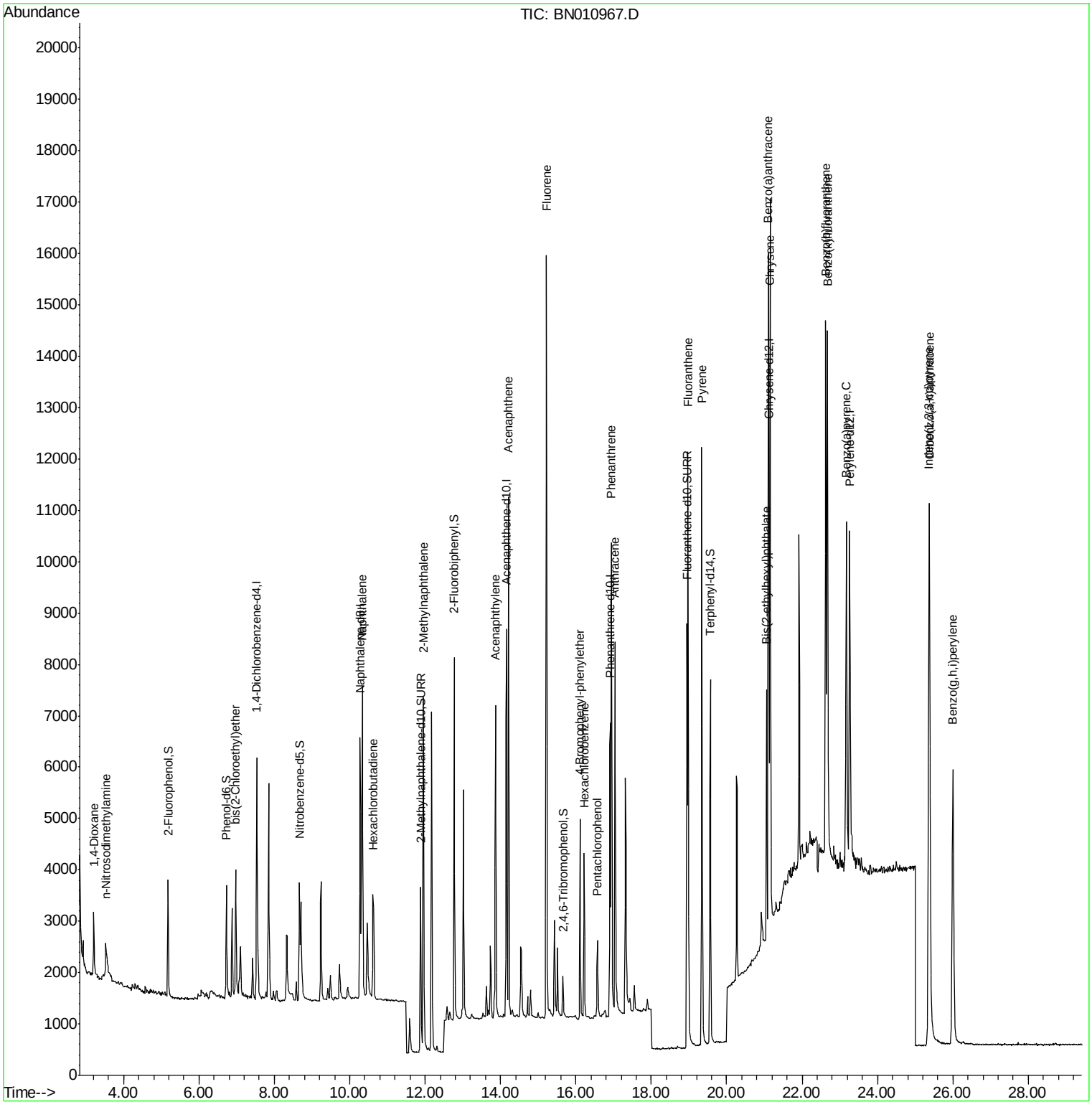
(#) = qualifier out of range (m) = manual integration (+) = signals summed

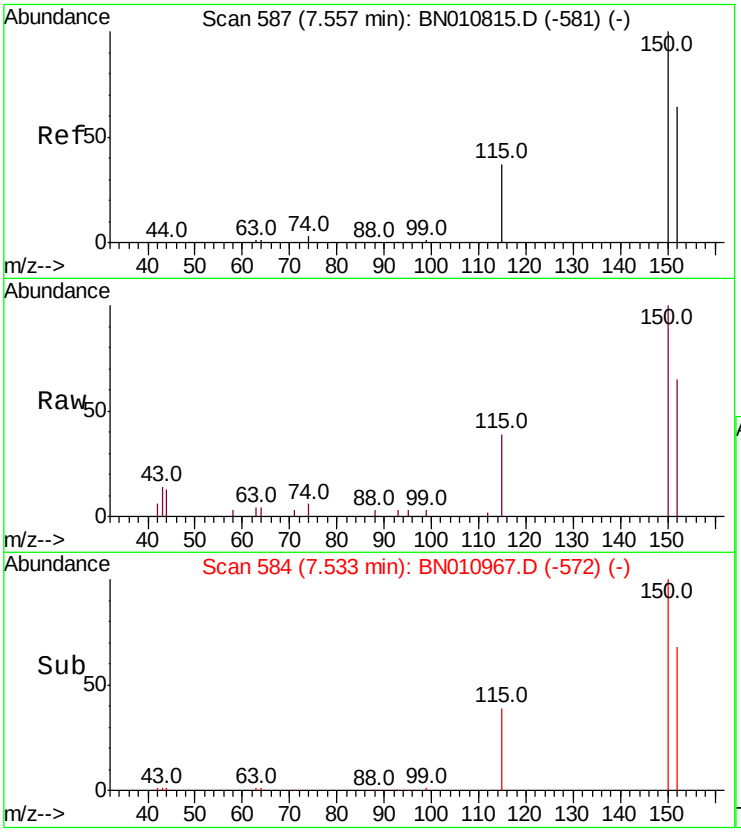
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
Data File : BN010967.D
Acq On : 19 Jun 2020 13:24
Operator : CG/JU
Sample : PB129630BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Quant Time: Jun 19 13:54:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration



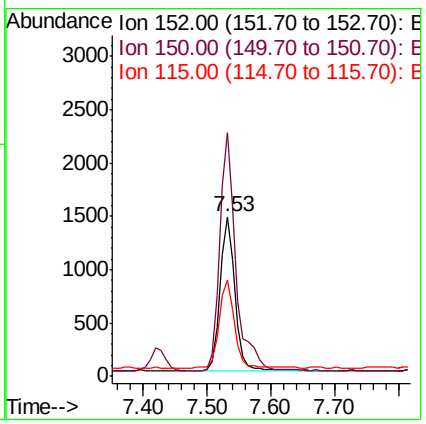


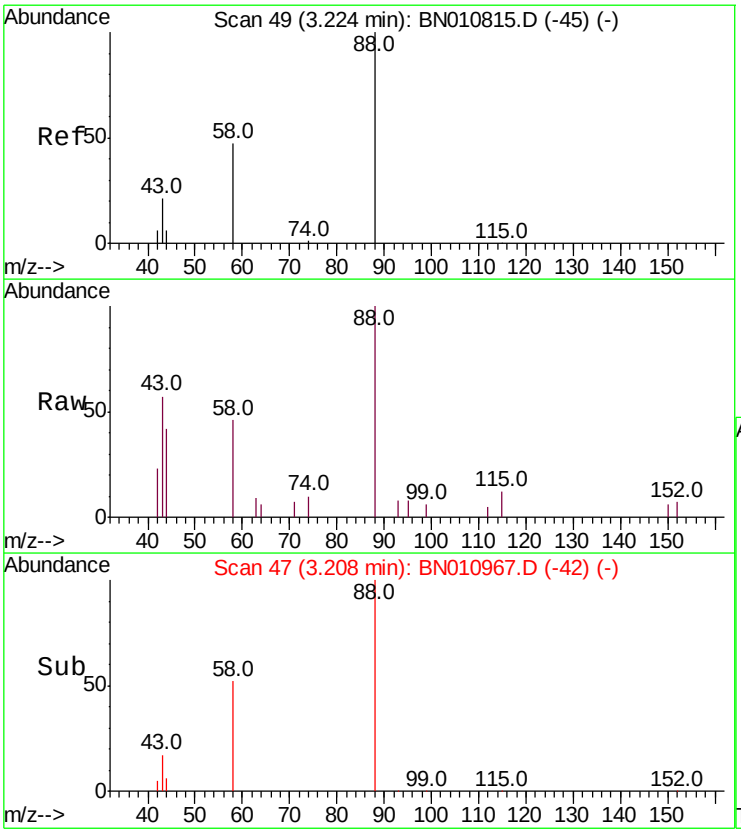
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:152 Resp: 2357

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	60.4	49.2	73.8

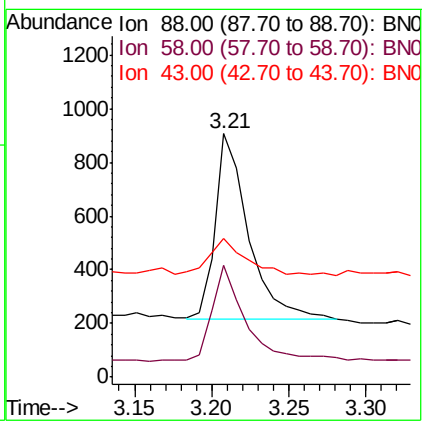


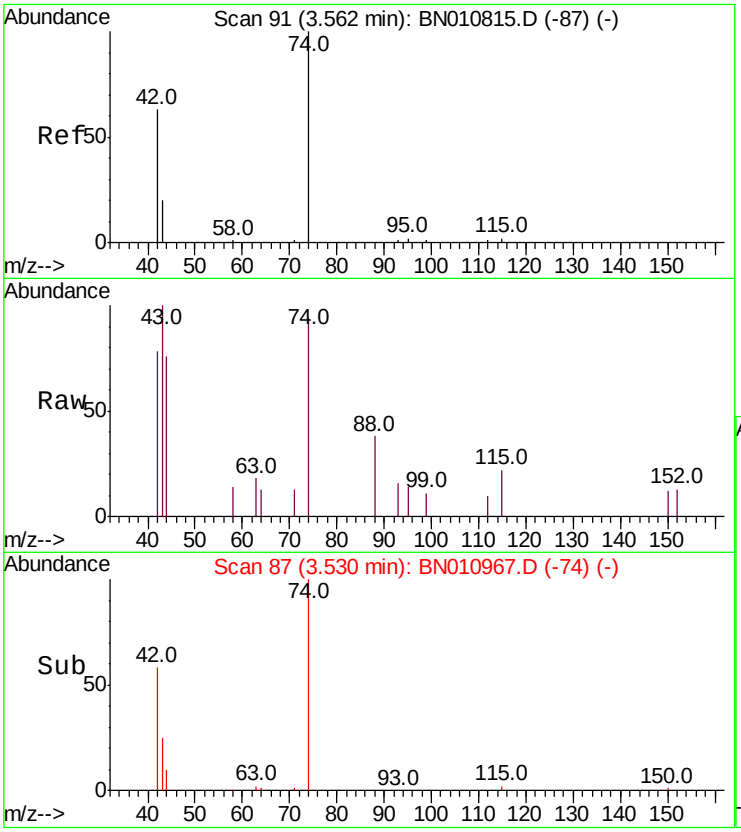


#2
1,4-Dioxane
Concen: 0.446 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion: 88 Resp: 1030

Ion	Ratio	Lower	Upper
88	100		
58	50.6	38.2	57.4
43	20.4	15.1	22.7



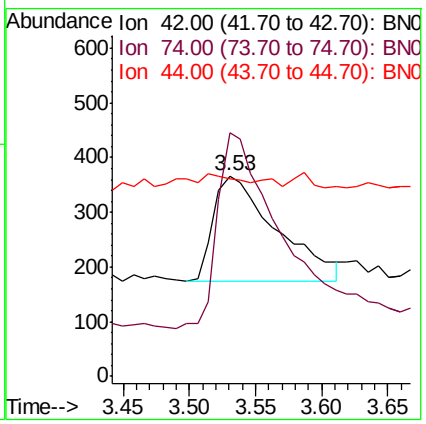


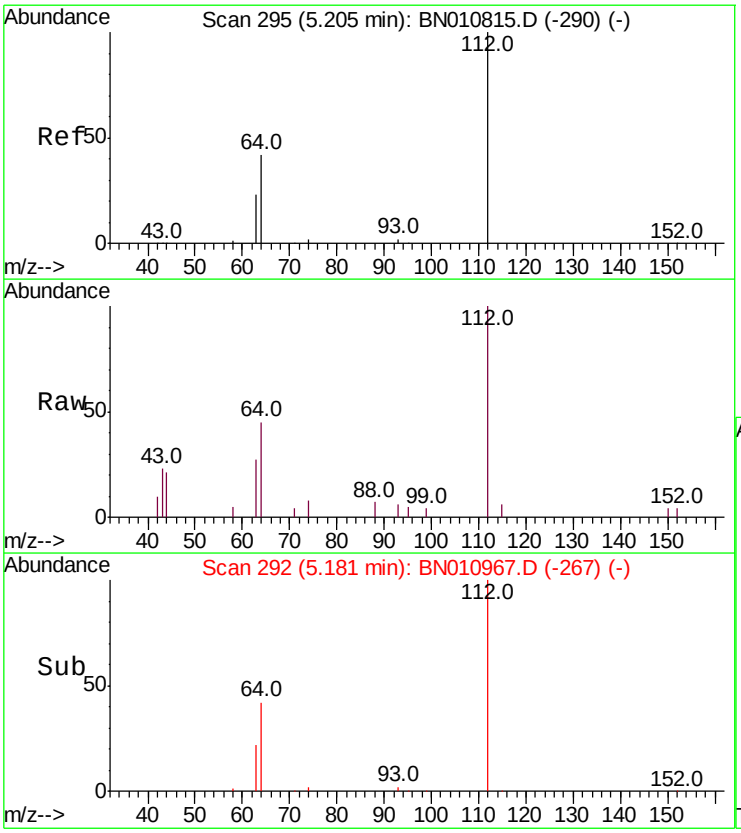
#3
n-Nitrosodimethylamine
Concen: 0.471 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion: 42 Resp: 632

Ion	Ratio	Lower	Upper
42	100		
74	188.4	140.7	211.1
44	12.8	1.4	2.2#

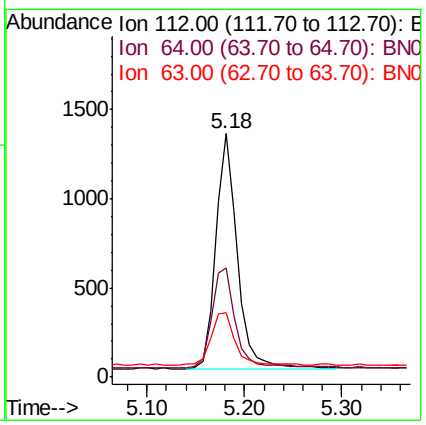


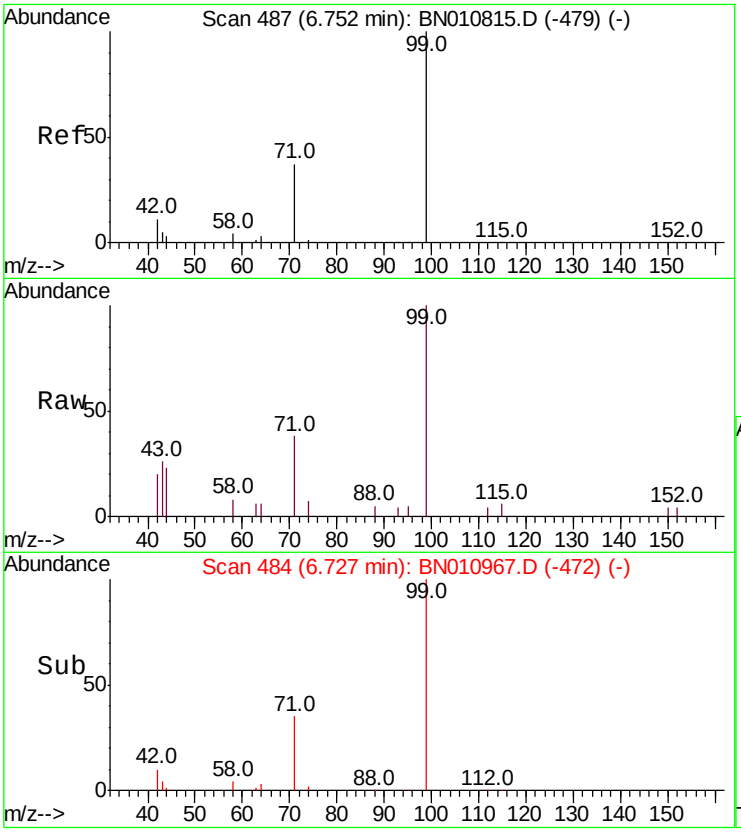


#4
2-Fluorophenol
Concen: 0.452 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:112 Resp: 2055

Ion	Ratio	Lower	Upper
112	100		
64	46.2	37.4	56.0
63	24.7	22.2	33.4



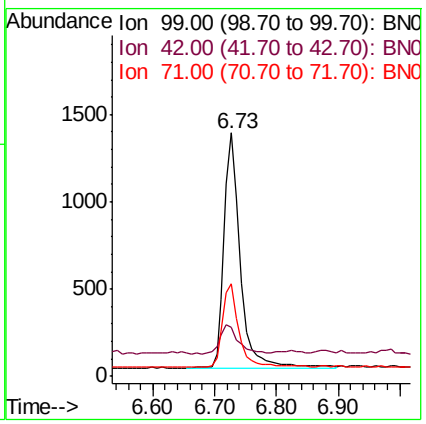


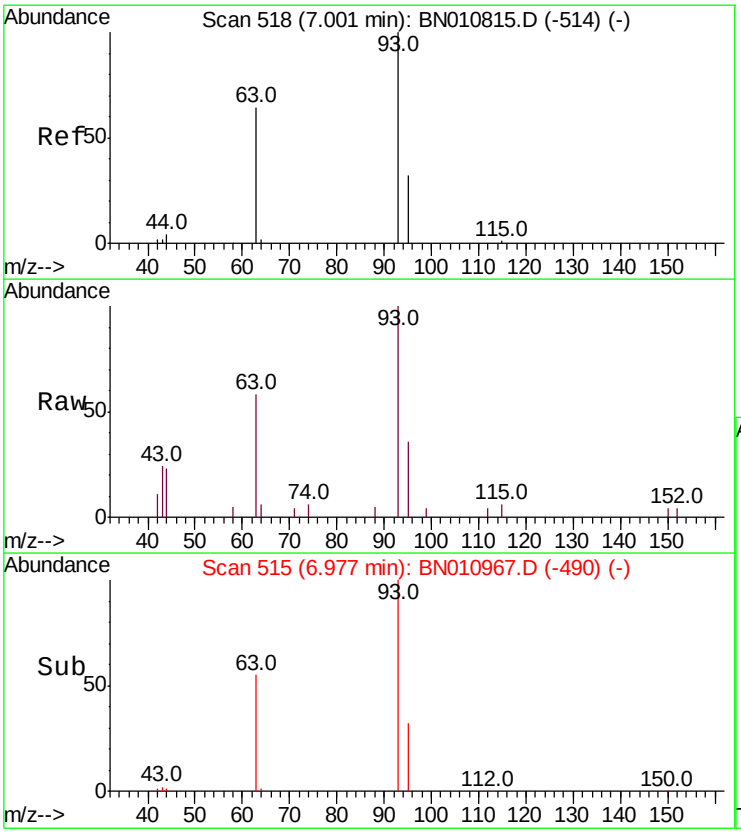
#5
Phenol-d6
Concen: 0.458 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion: 99 Resp: 2453

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.1	16.7
71	35.2	31.4	47.2

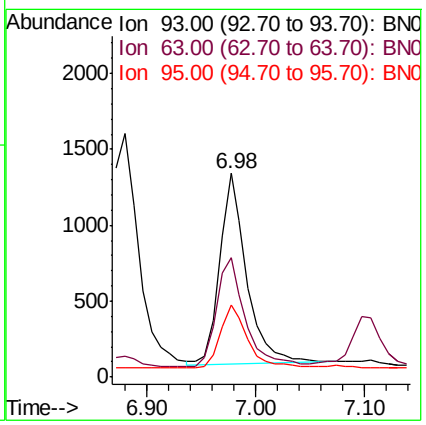


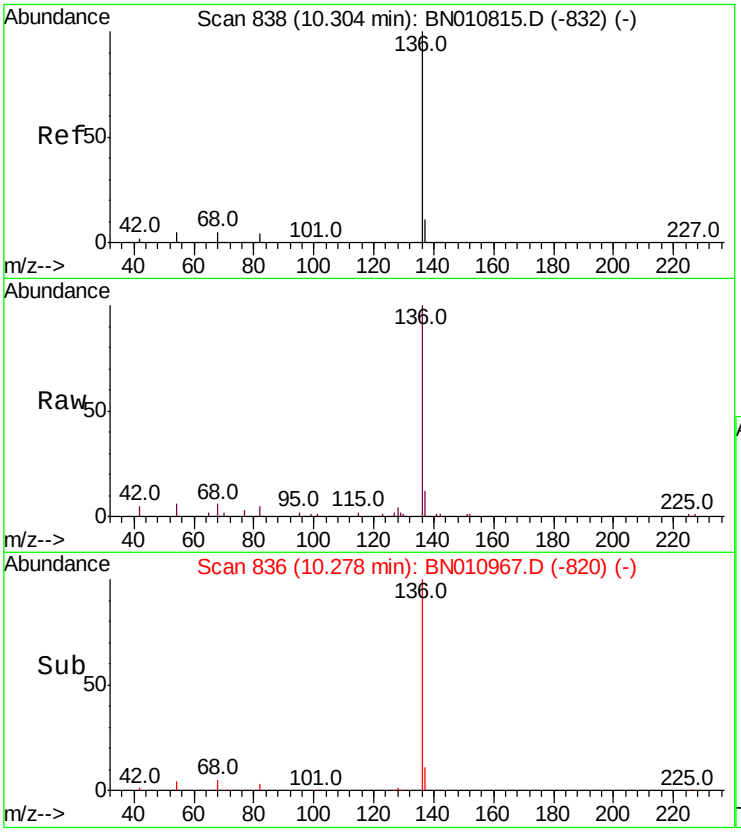


#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 6.98 min Scan# 515
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion: 93 Resp: 2191

Ion	Ratio	Lower	Upper
93	100		
63	61.0	49.4	74.2
95	34.0	26.7	40.1



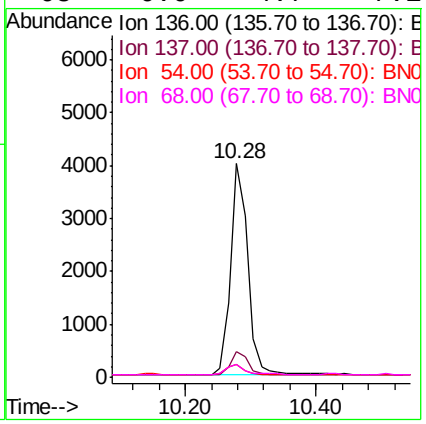


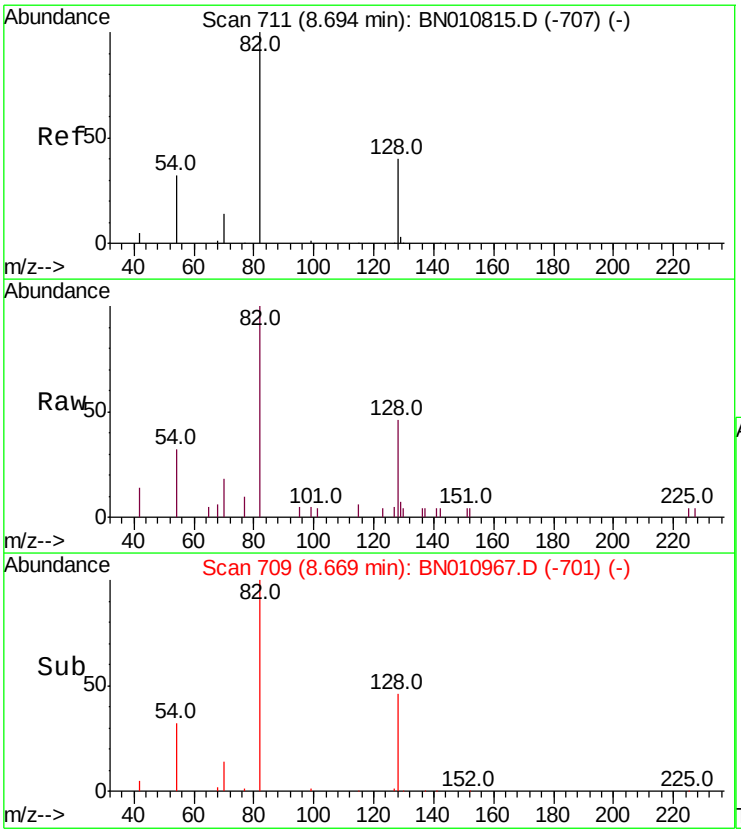
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:136 Resp: 7294

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	5.8	4.9	7.3
68	6.0	4.7	7.1

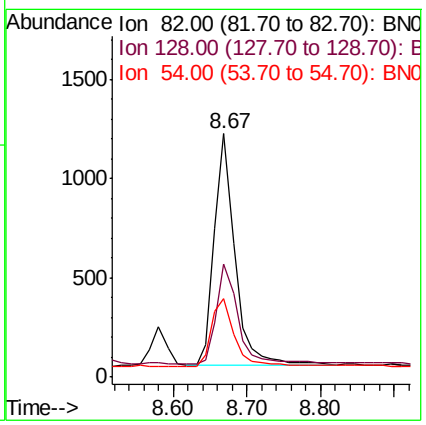


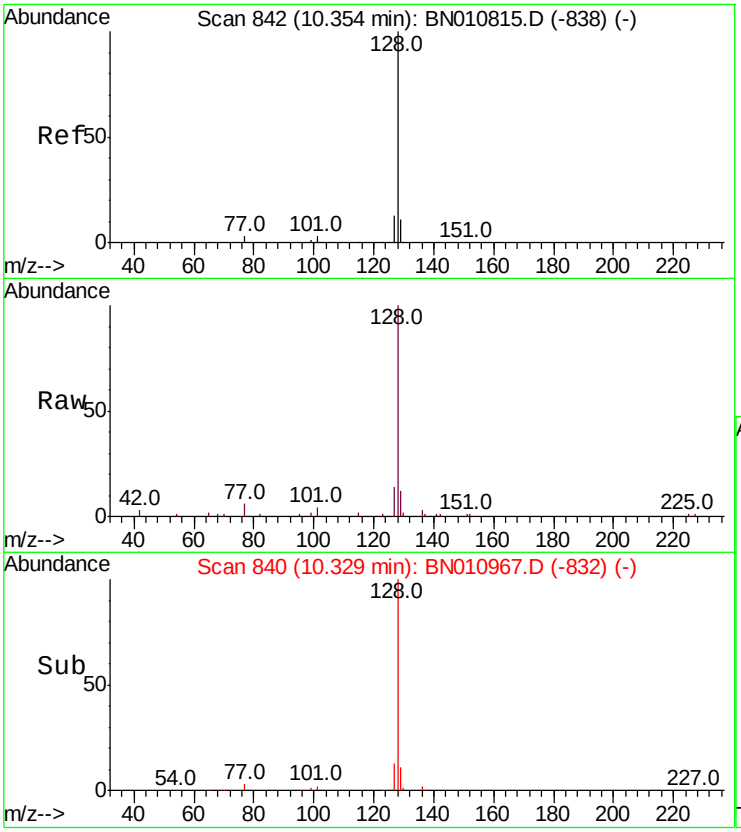


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion: 82 Resp: 2303

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.4	53.0
54	32.4	28.2	42.4

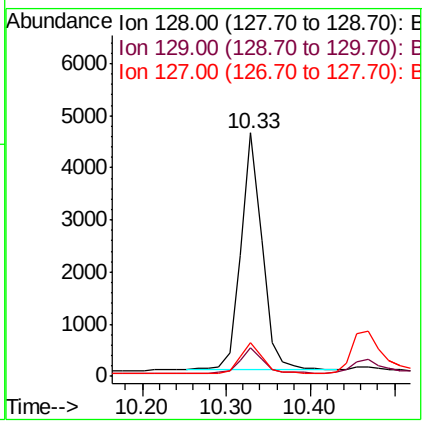




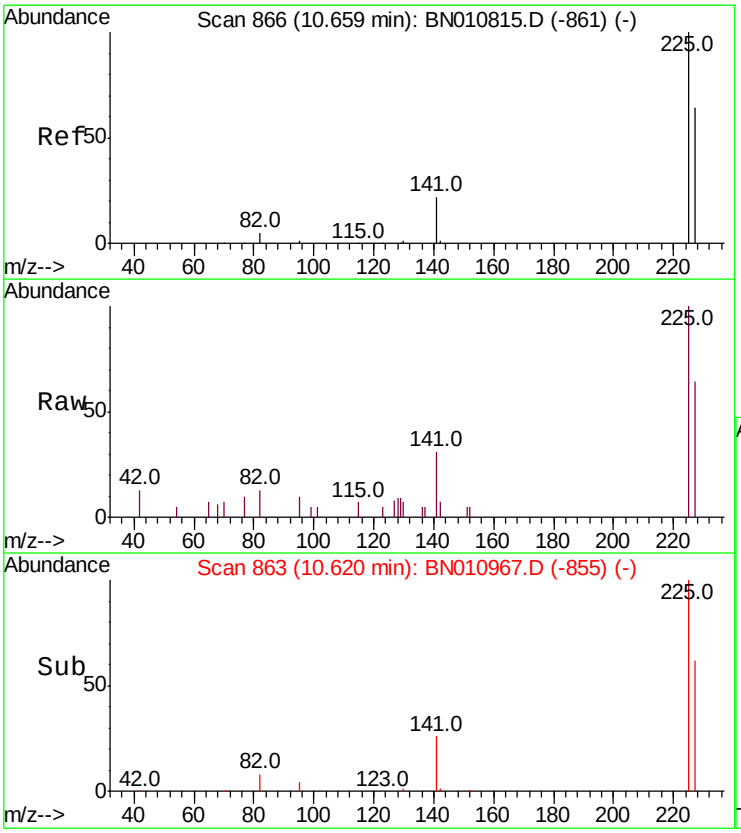
#9
Naphthalene
Concen: 0.430 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:128 Resp: 7890

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.0	11.4	17.2



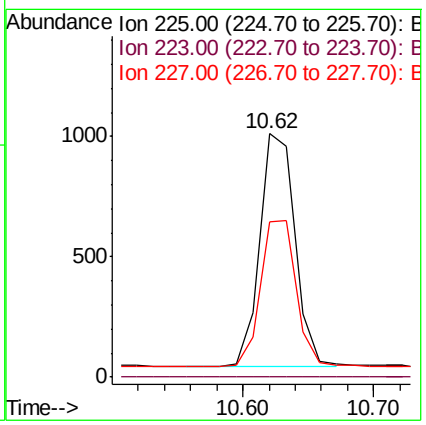
Instrument :
BNA_N
ClientSampleId :
PB129630BS

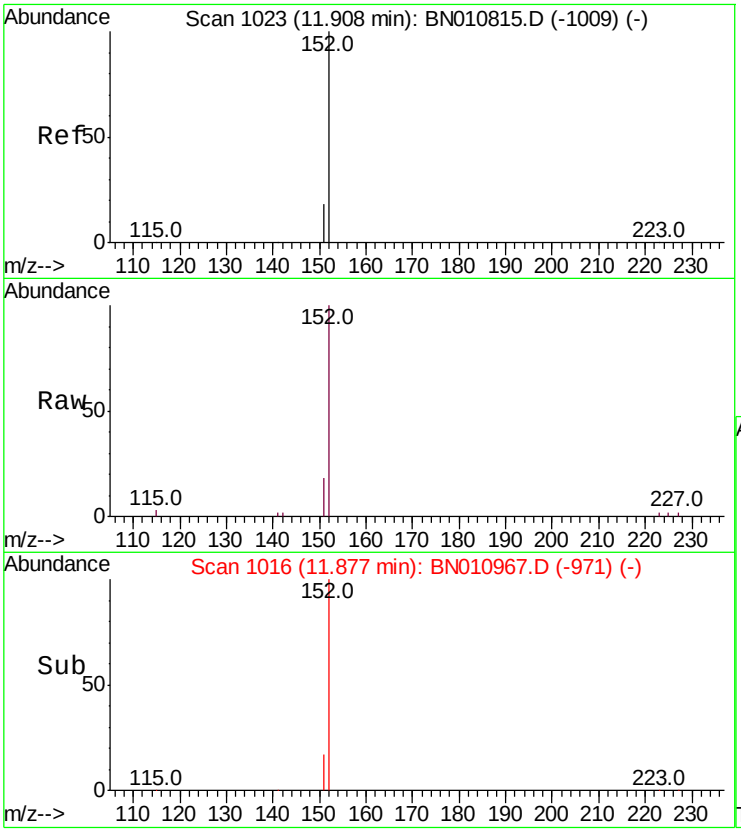


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.62 min Scan# 863
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:225 Resp: 1791

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.5	75.7



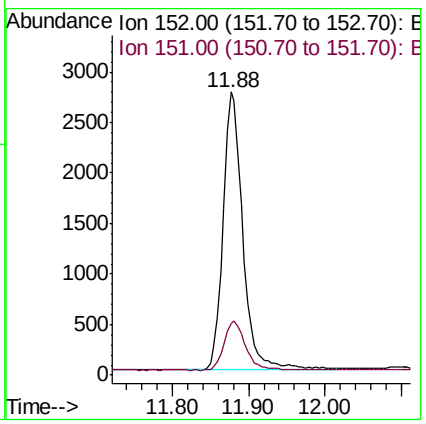


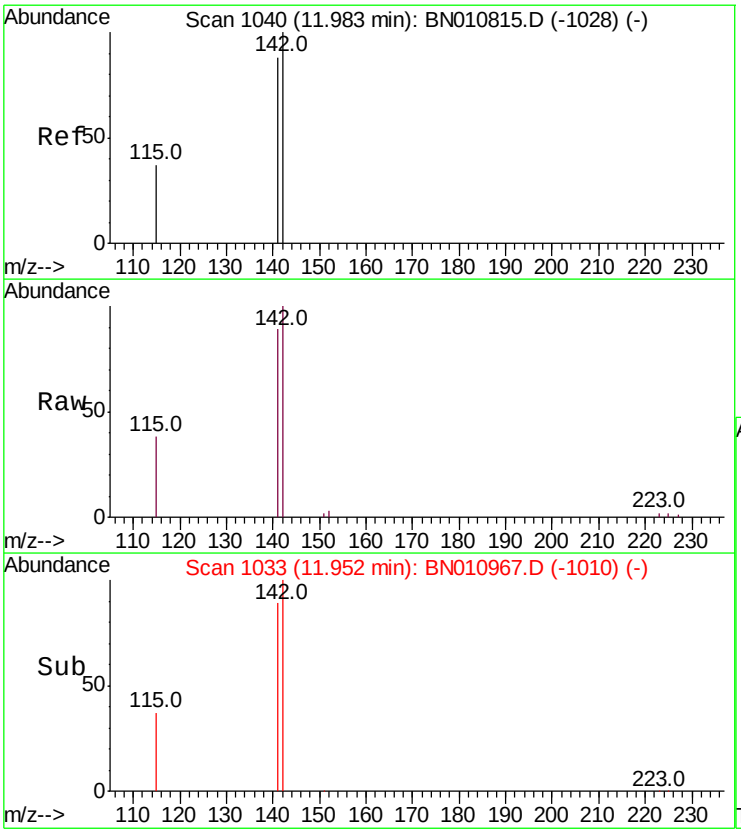
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 11.88 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:152 Resp: 4937

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

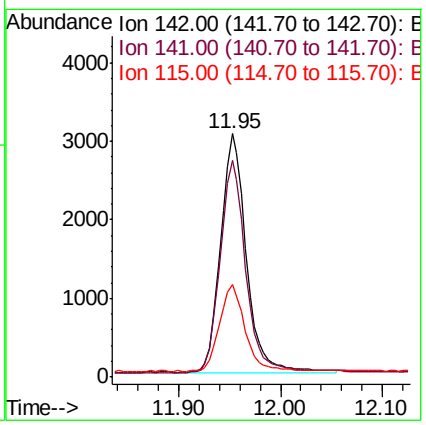


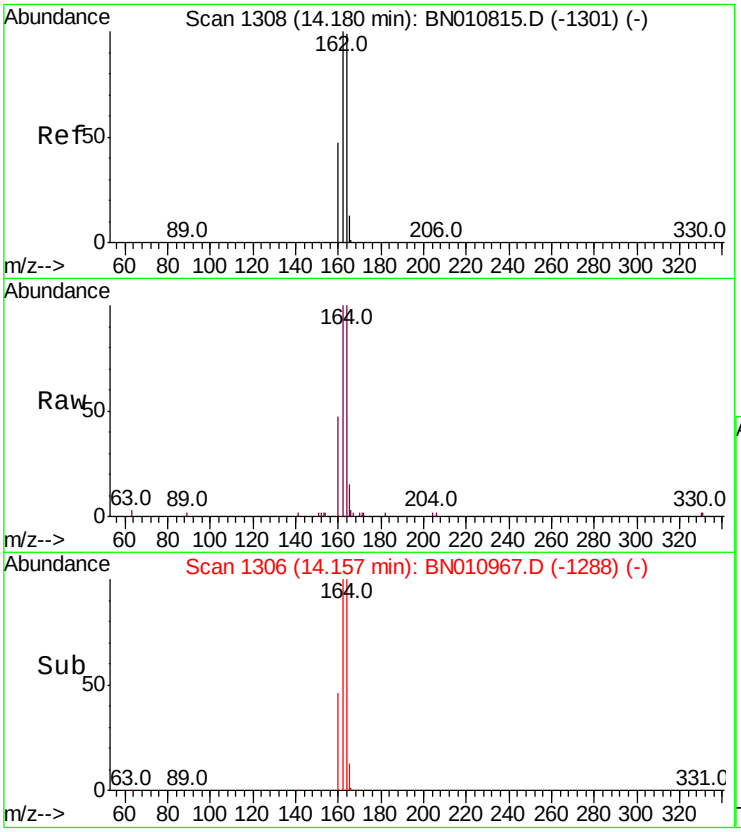


#12
2-Methylnaphthalene
Concen: 0.435 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:142 Resp: 5337

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	38.2	31.5	47.3



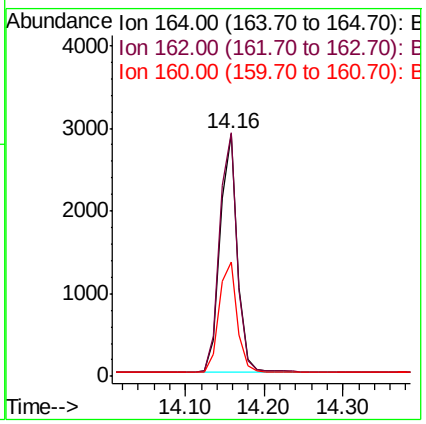


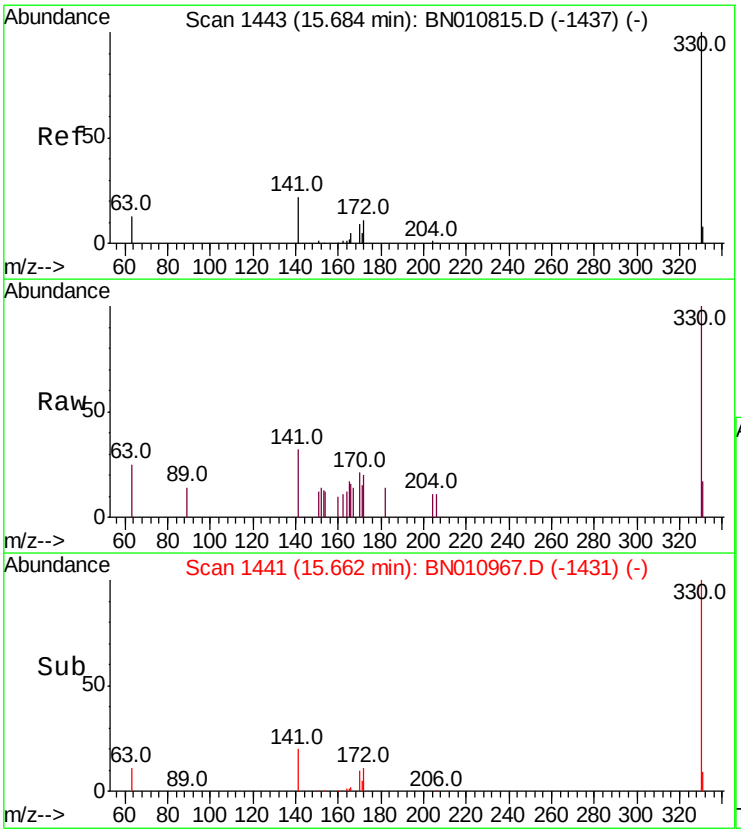
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:164 Resp: 4472

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.6
160	46.9	38.9	58.3

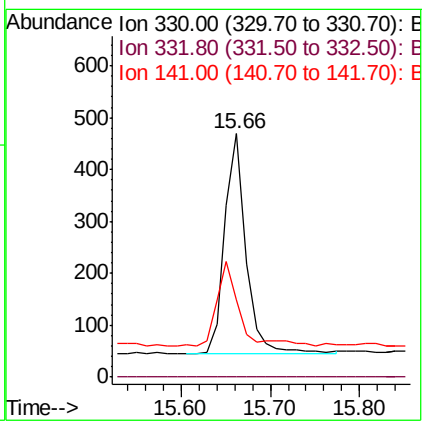


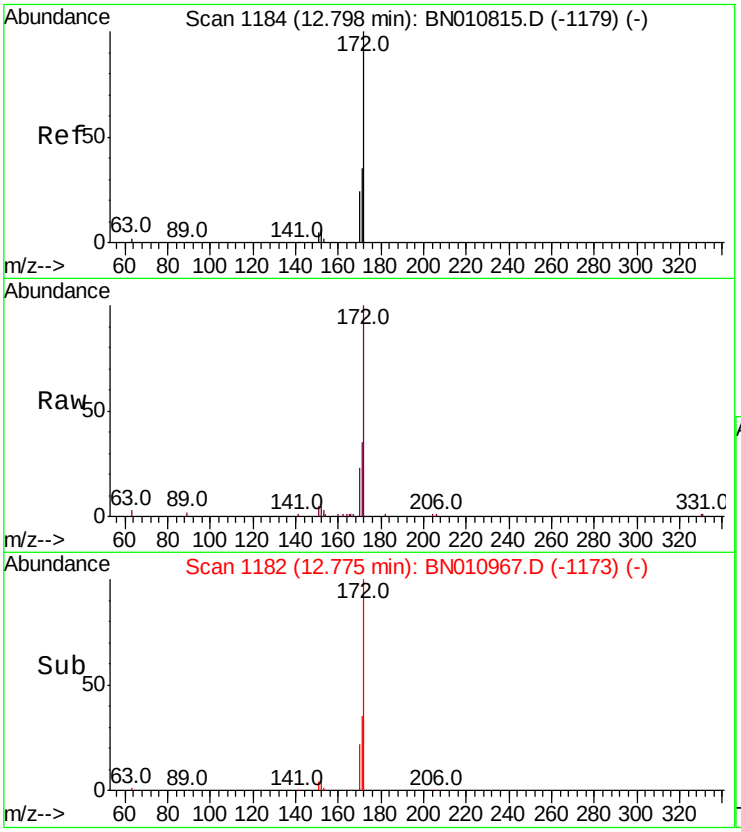


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:330 Resp: 695

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.7	33.2	49.8



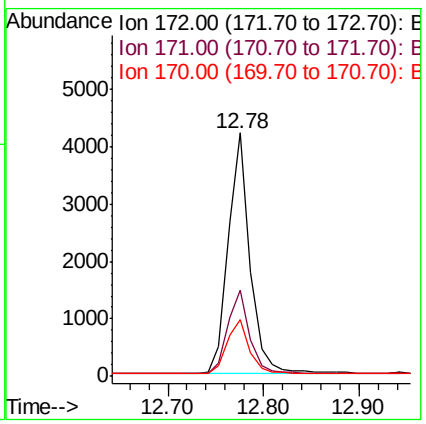


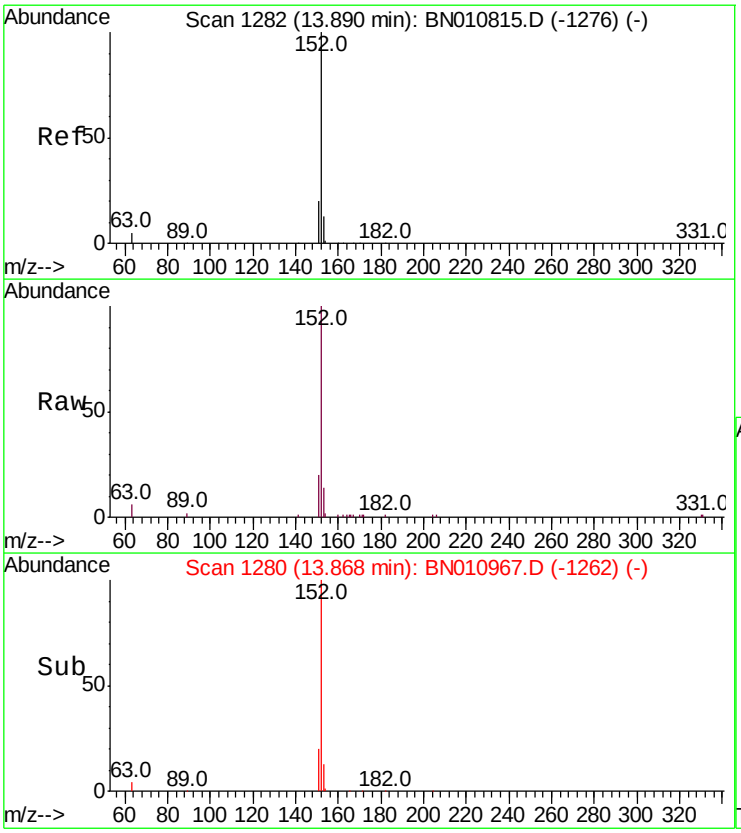
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:172 Resp: 6675

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	19.7	29.5

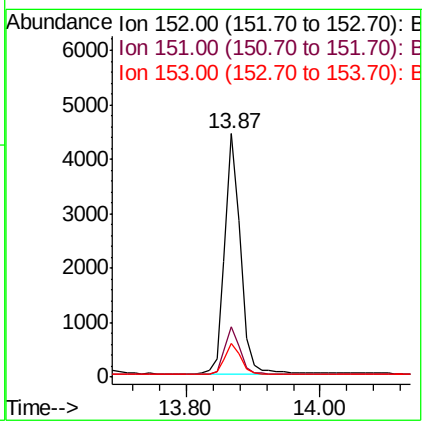


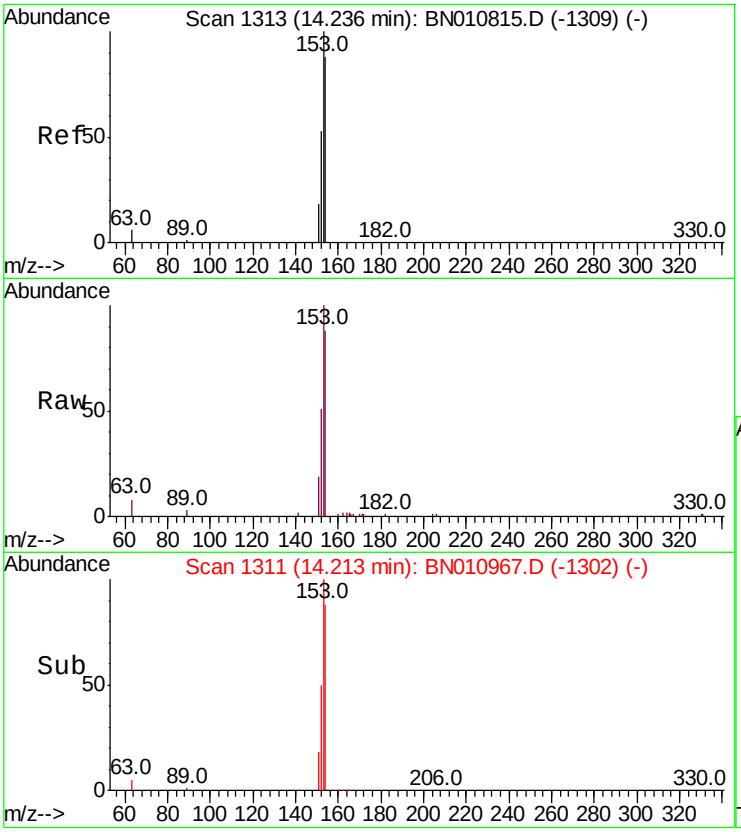


#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:152 Resp: 7253

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.9	10.6	16.0



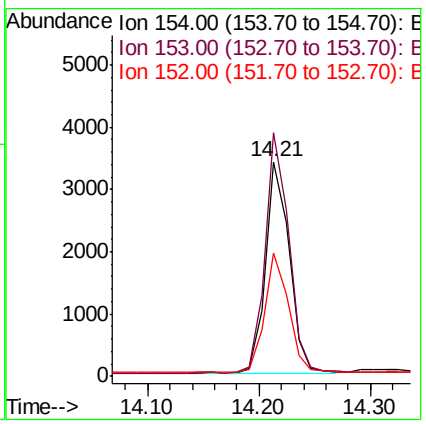


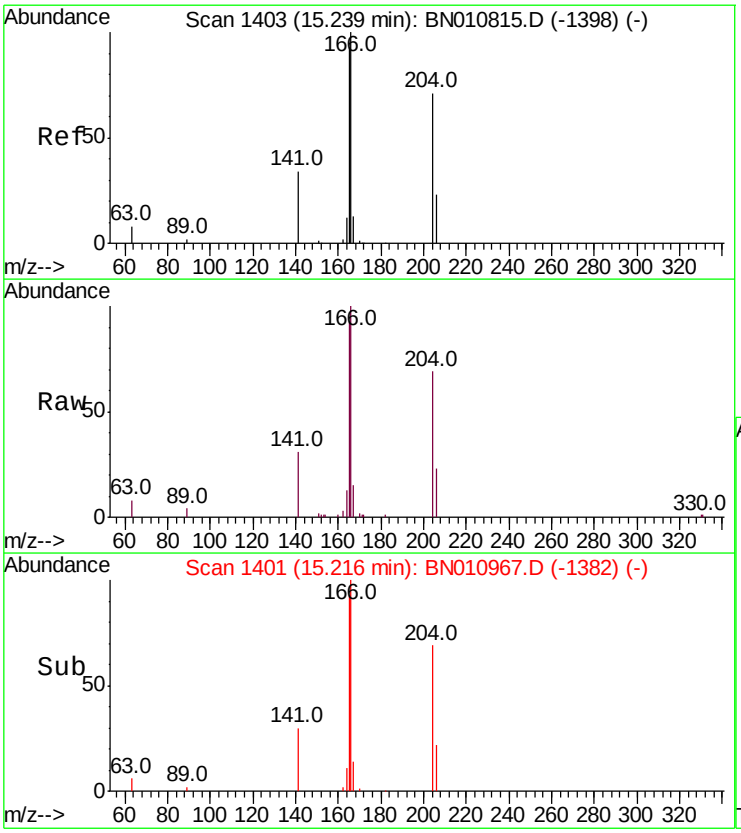
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:154 Resp: 5029

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.6
152	56.9	47.6	71.4

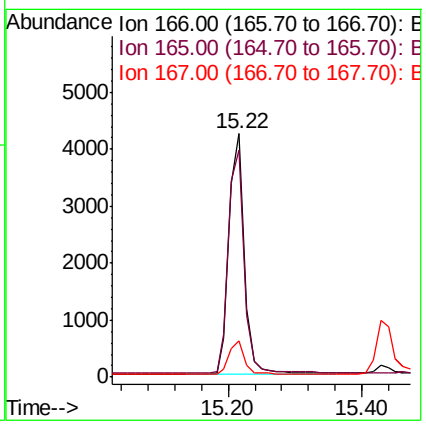


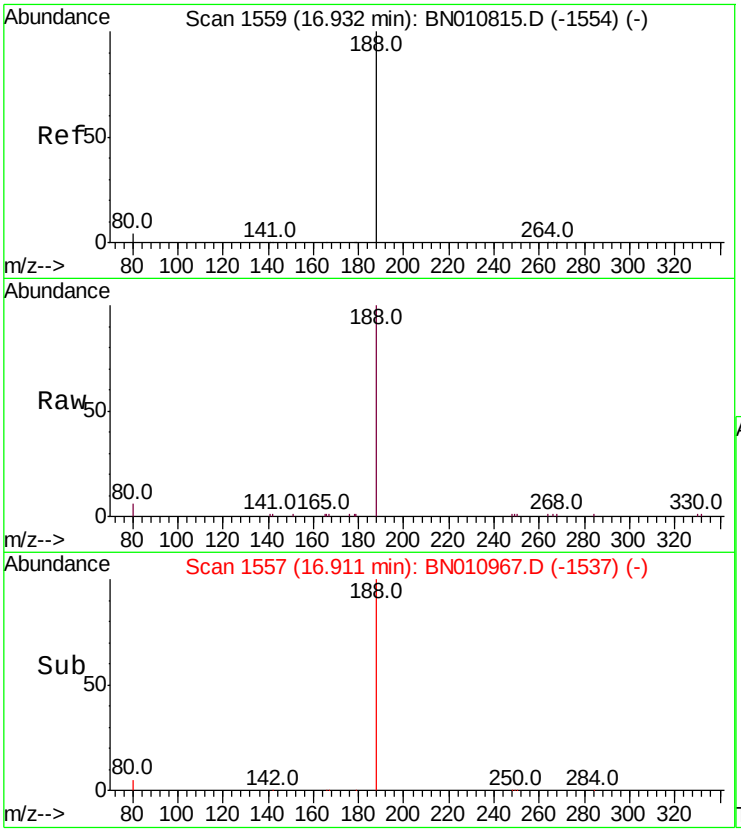


#18
Fluorene
Concen: 0.414 ng
RT: 15.22 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:166 Resp: 6669

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.2	115.8
167	13.9	10.7	16.1



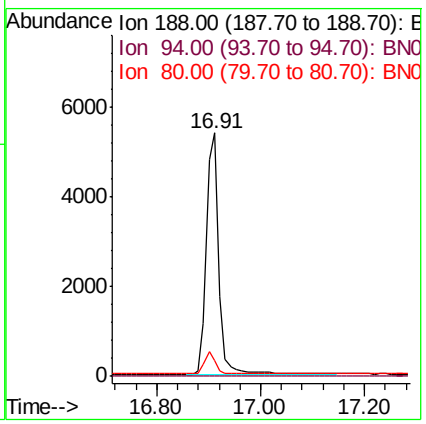


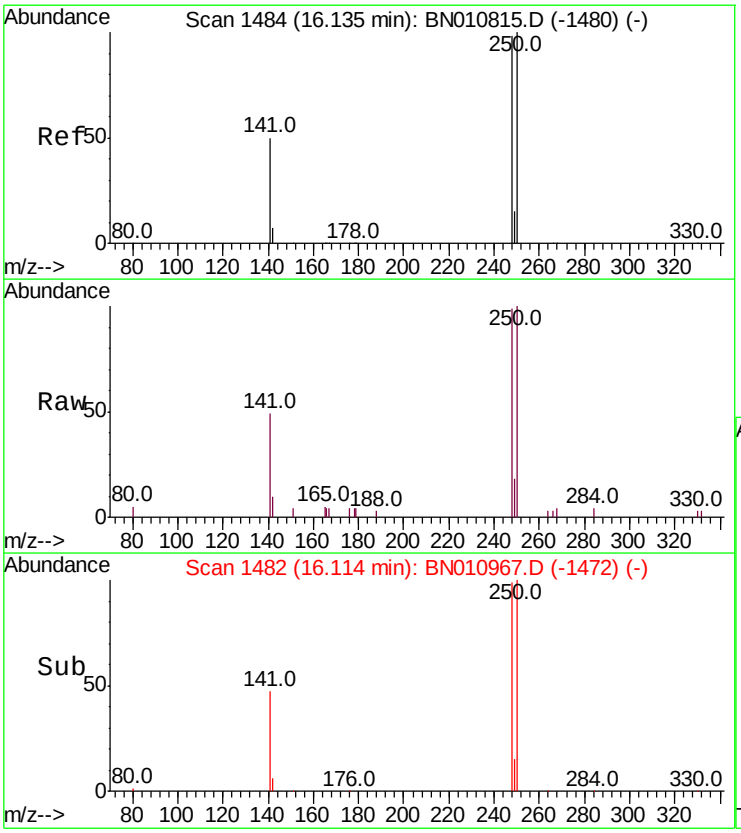
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:188 Resp: 9071

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	4.5	6.7

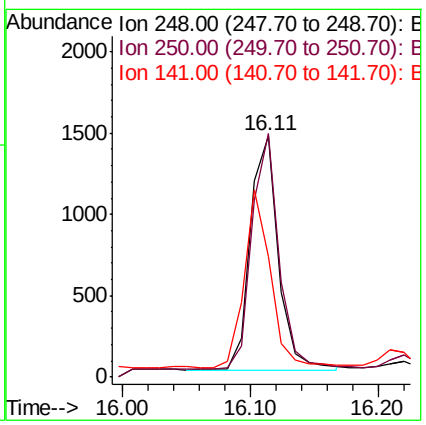


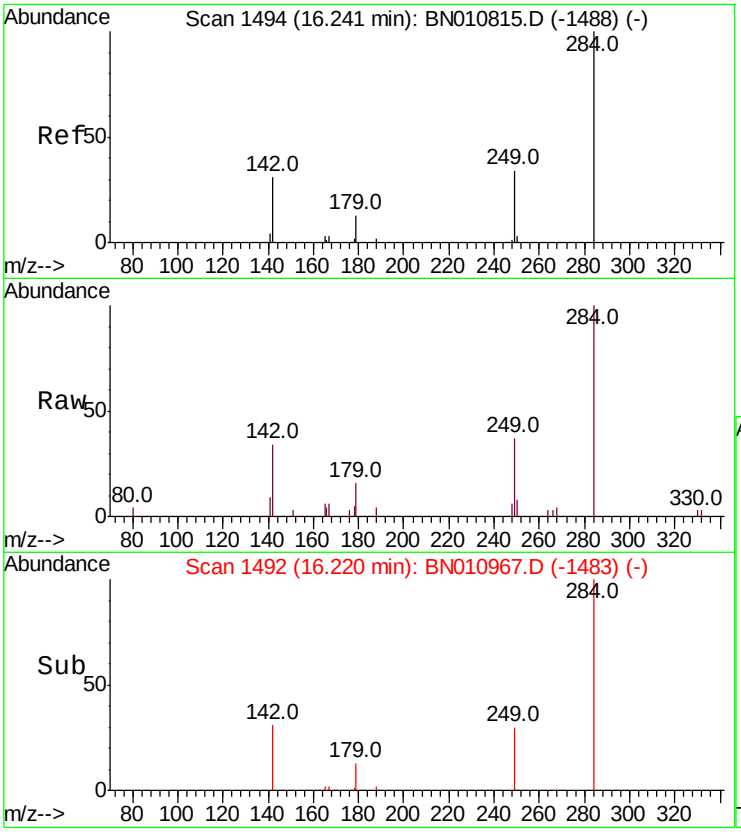


#20
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.11 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:248 Resp: 2210

Ion	Ratio	Lower	Upper
248	100		
250	100.7	81.8	122.8
141	49.9	42.6	64.0



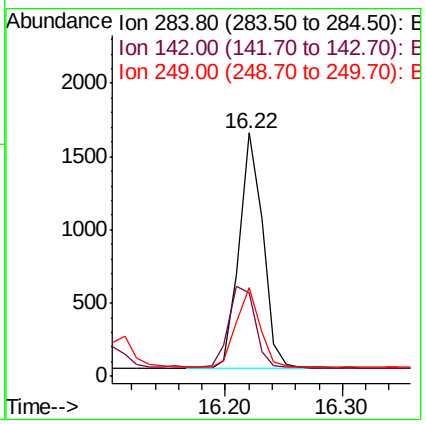


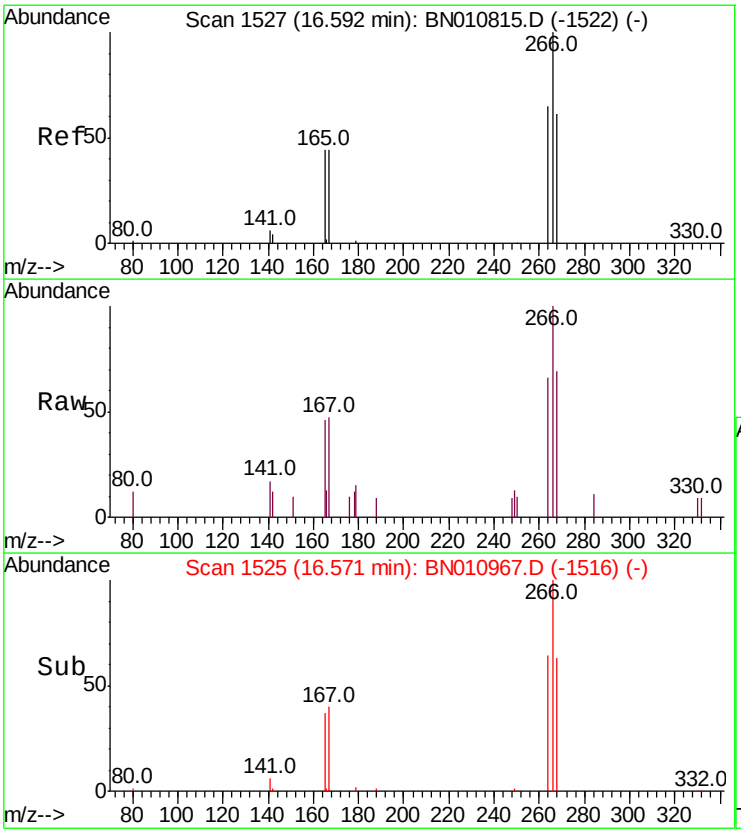
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:284 Resp: 2258

Ion	Ratio	Lower	Upper
284	100		
142	39.3	31.0	46.4
249	33.5	27.1	40.7

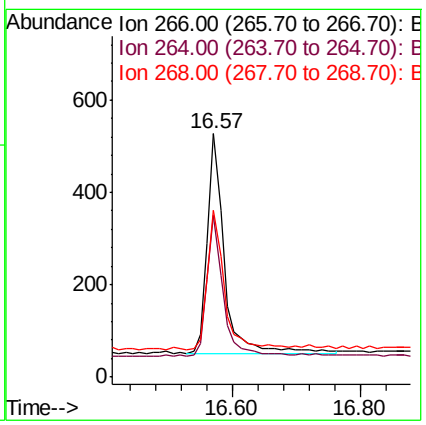


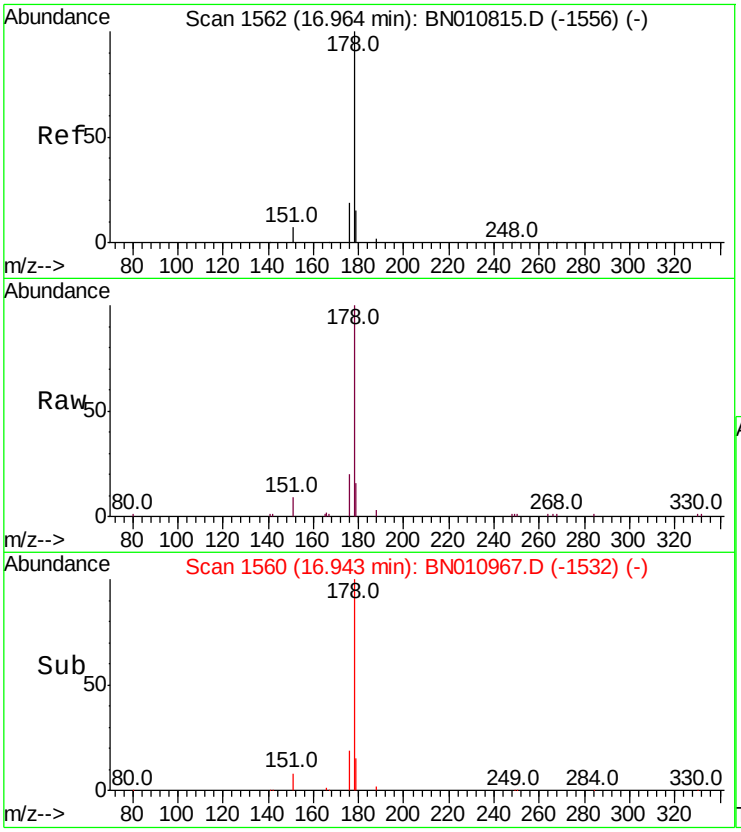


#22
Pentachlorophenol
Concen: 0.457 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:266 Resp: 873

Ion	Ratio	Lower	Upper
266	100		
264	66.2	54.8	82.2
268	68.7	55.9	83.9



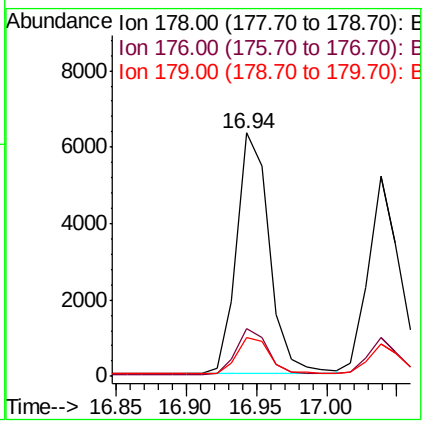


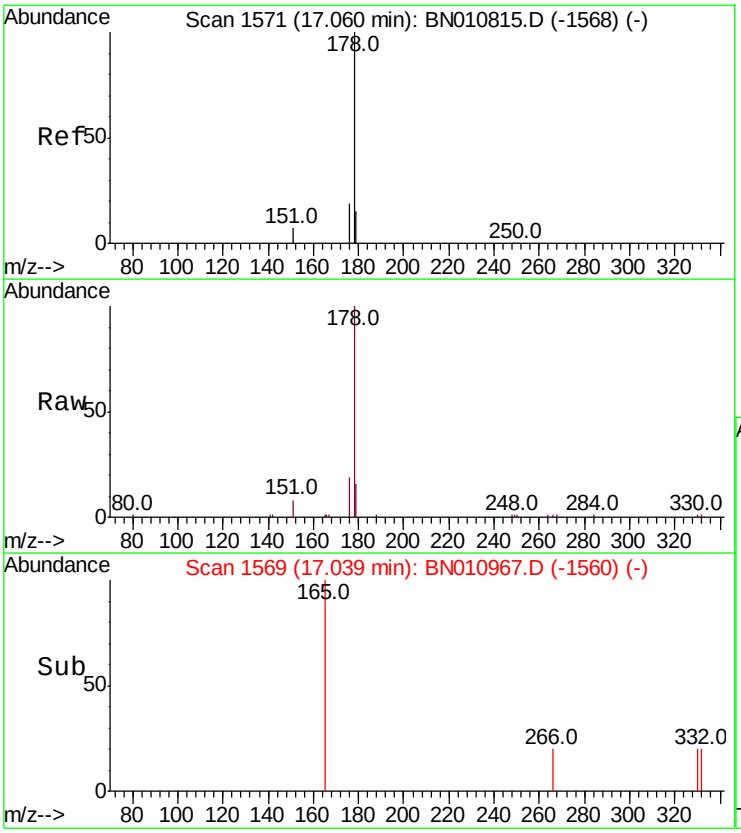
#23
Phenanthrene
Concen: 0.414 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:178 Resp: 10247

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	19.0

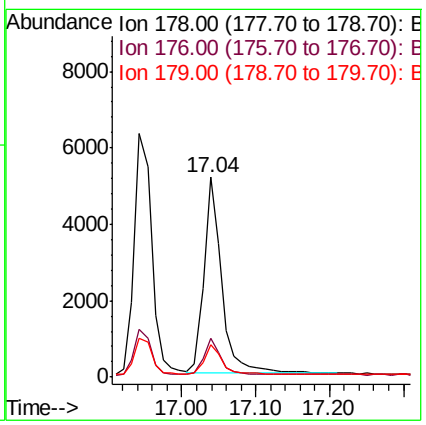


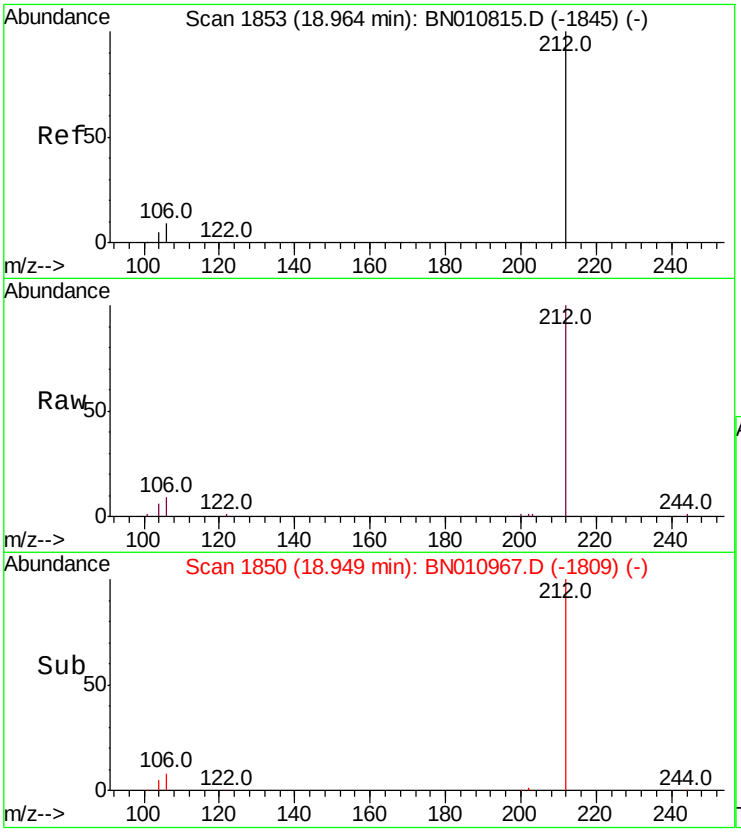


#24
Anthracene
Concen: 0.412 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:178 Resp: 8520

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	14.8	12.3	18.5



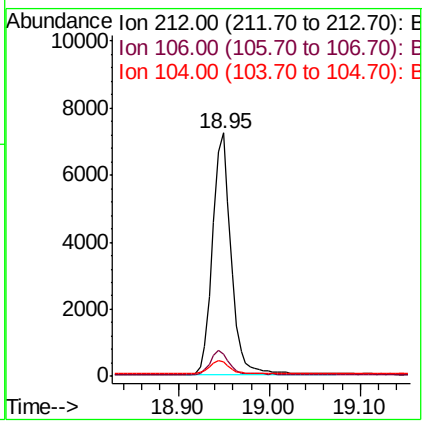


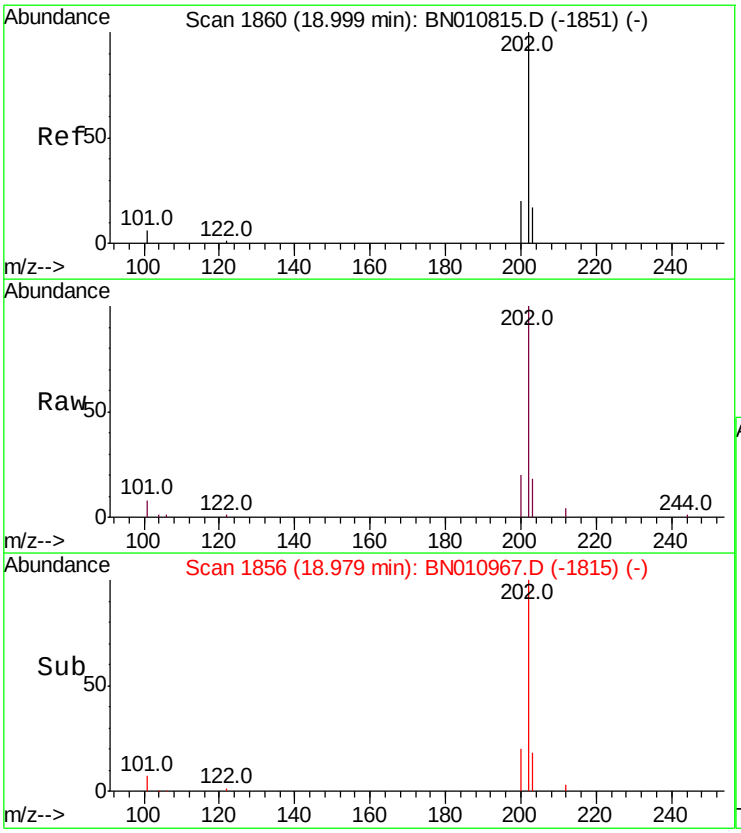
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.95 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:212 Resp: 10129

Ion	Ratio	Lower	Upper
212	100		
106	9.7	6.6	10.0
104	5.7	4.0	6.0

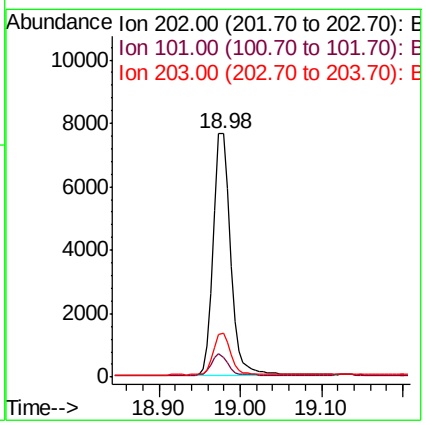


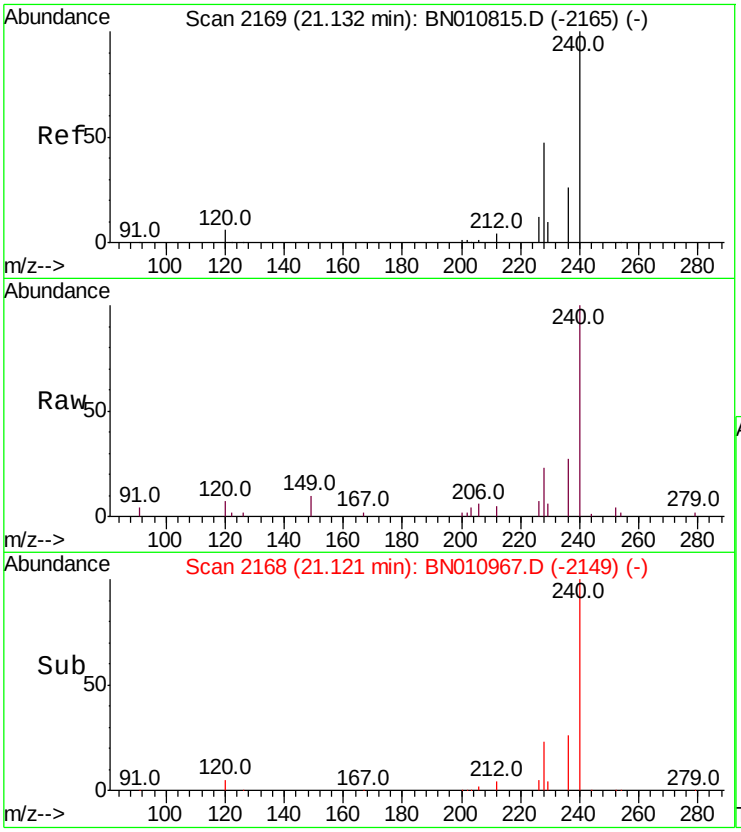


#26
Fluoranthene
Concen: 0.402 ng
RT: 18.98 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:202 Resp: 11299

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.8	8.6
203	17.2	13.7	20.5



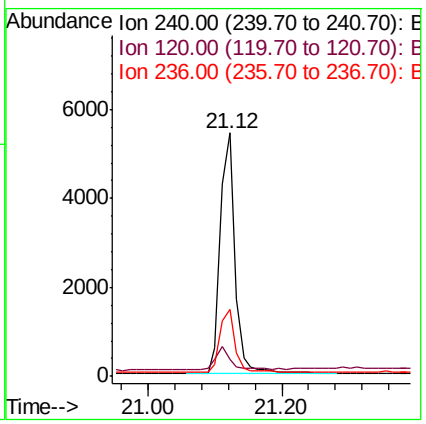


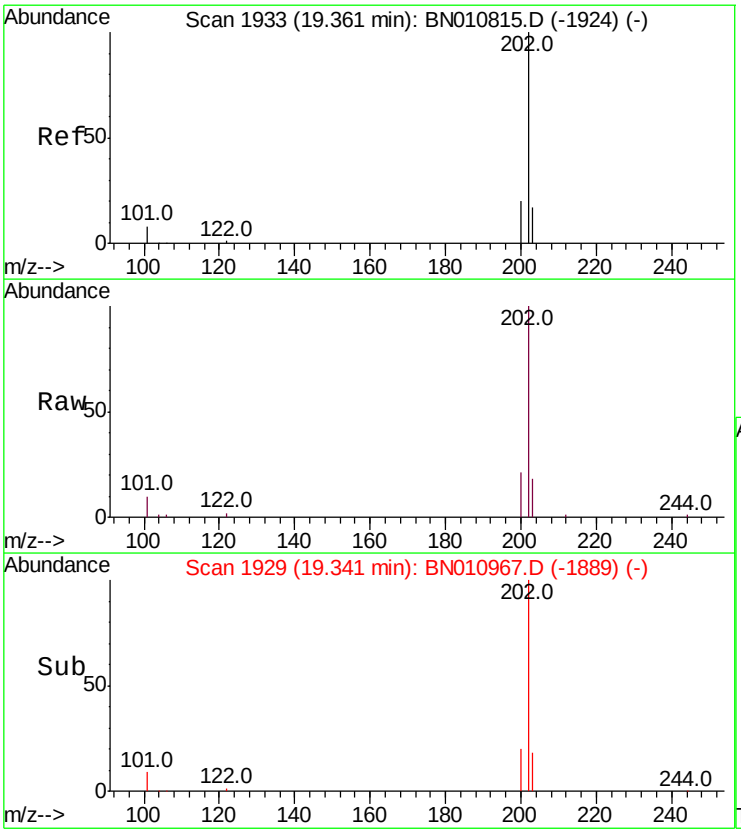
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:240 Resp: 8319

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.5	11.3#
236	27.3	22.3	33.5

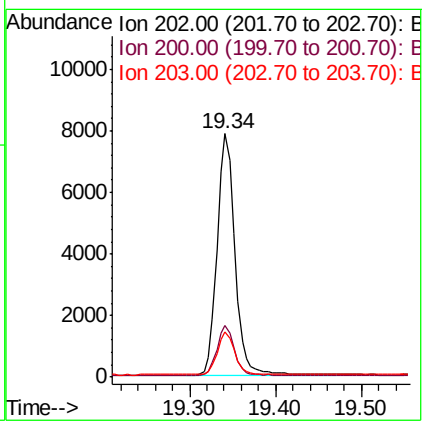


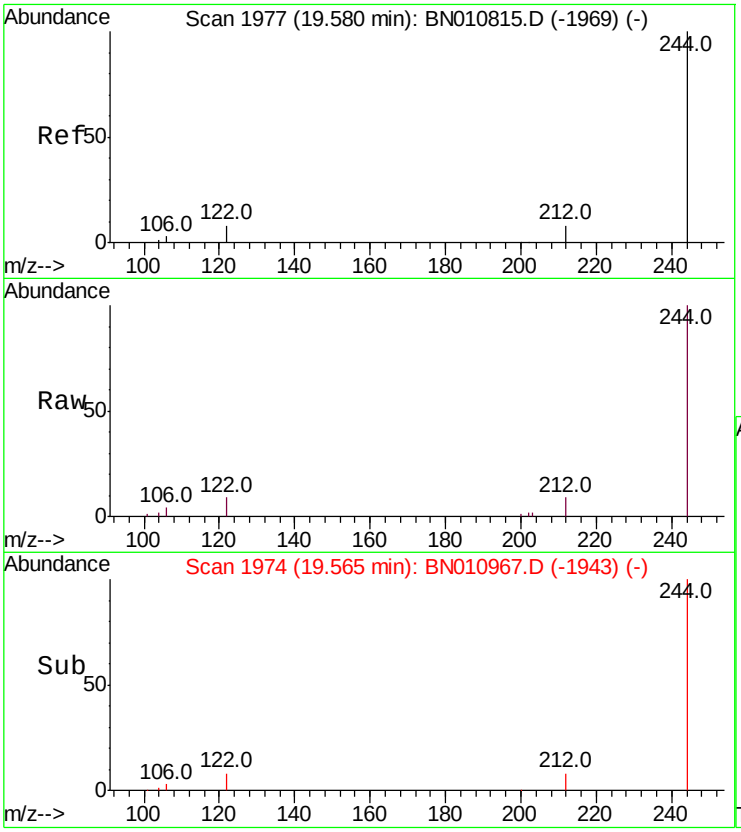


#28
Pyrene
Concen: 0.413 ng
RT: 19.34 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:202 Resp: 11378

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.9	14.2	21.4



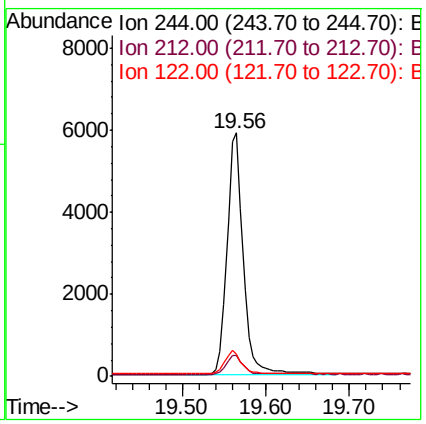


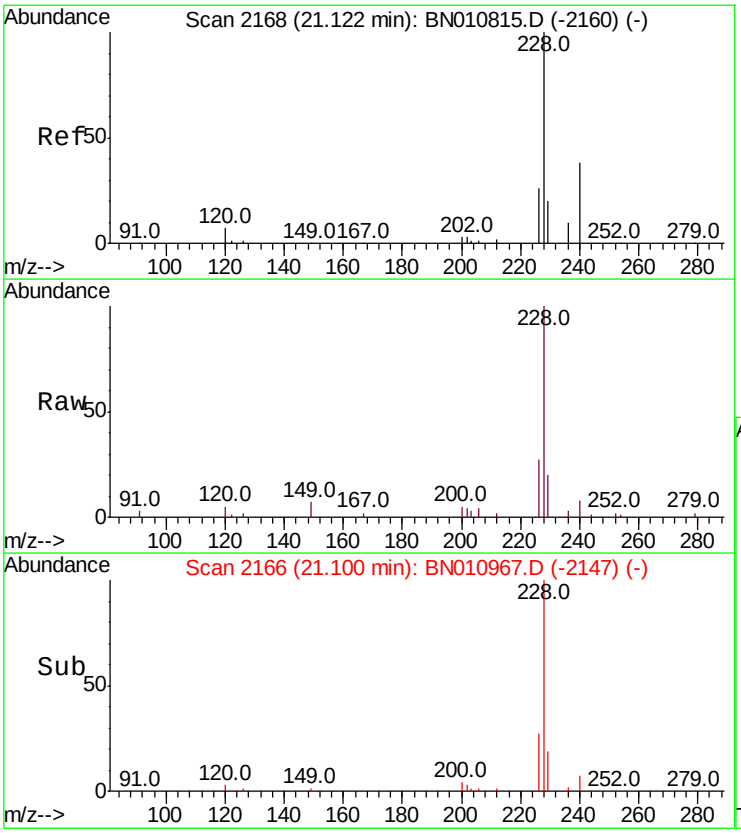
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.56 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:244 Resp: 7927

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	9.0	7.5	11.3

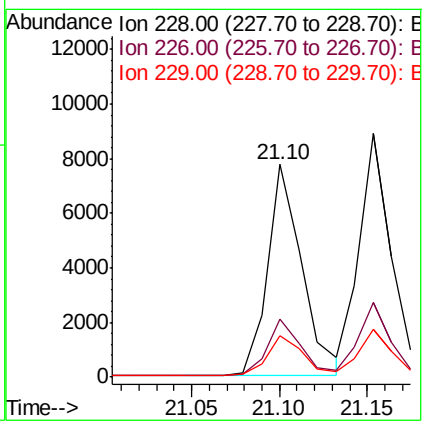


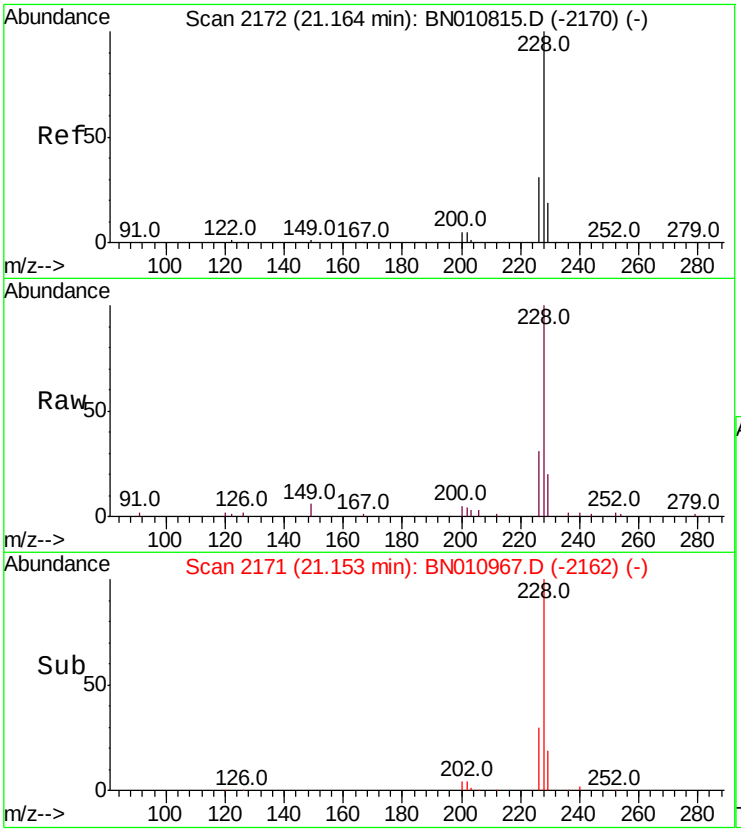


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:228 Resp: 10516

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	19.6	16.6	24.8



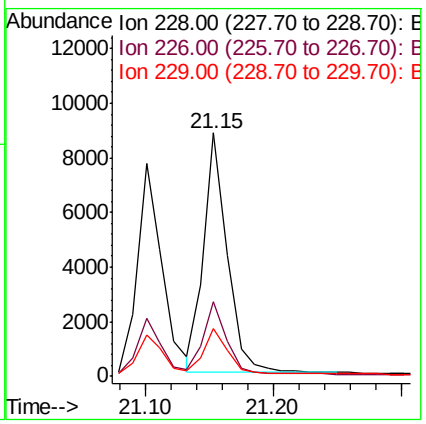


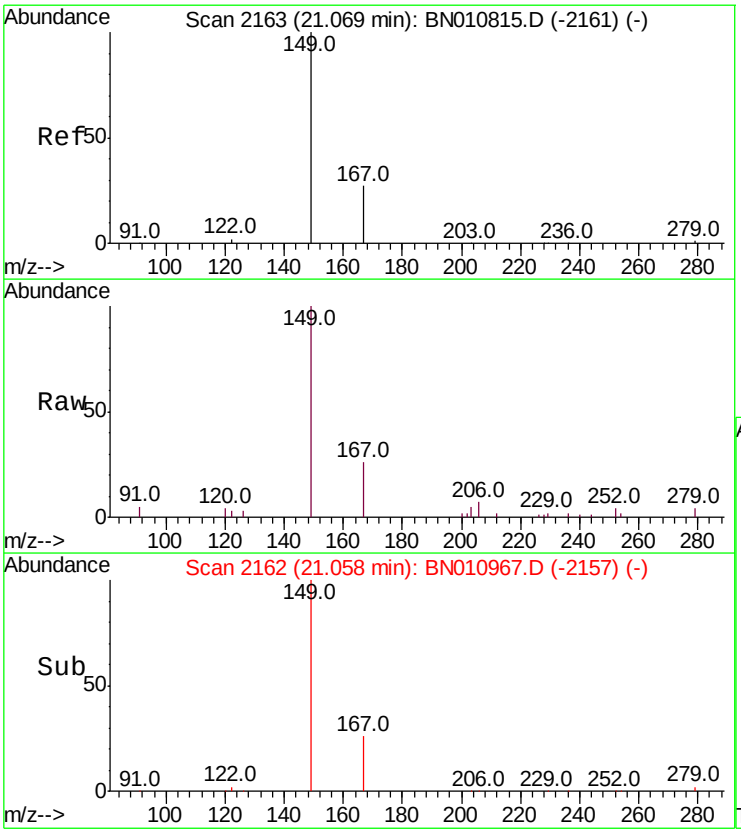
#31
Chrysene
Concen: 0.397 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:228 Resp: 11324

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.1	24.1

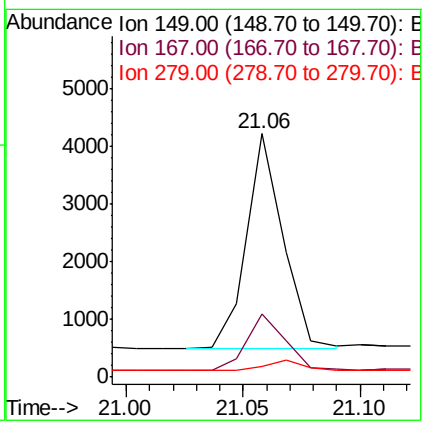


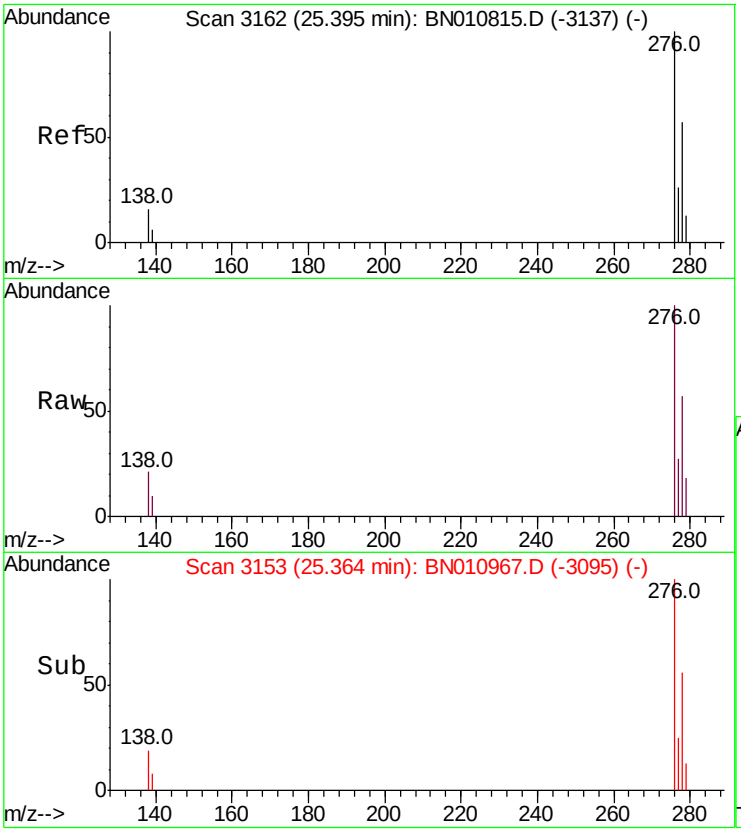


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.496 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:149 Resp: 4044

Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.1	36.1
279	4.8	4.6	7.0



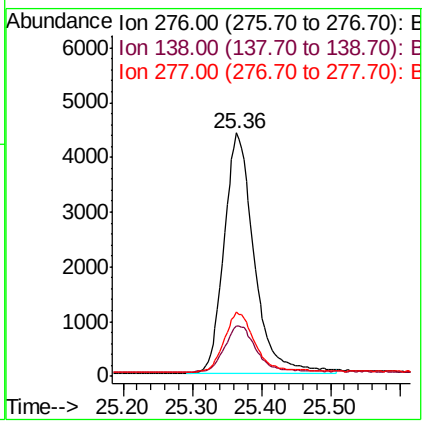


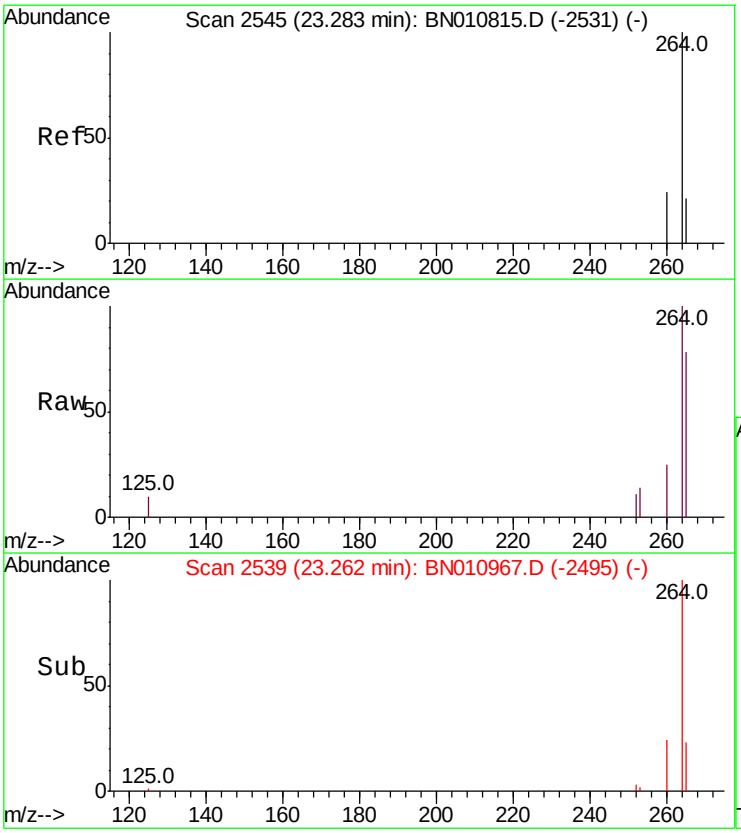
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 25.36 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:276 Resp: 13160

Ion	Ratio	Lower	Upper
276	100		
138	20.1	13.0	19.6#
277	25.3	19.7	29.5

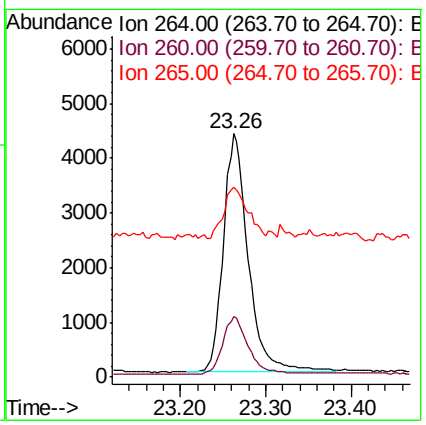


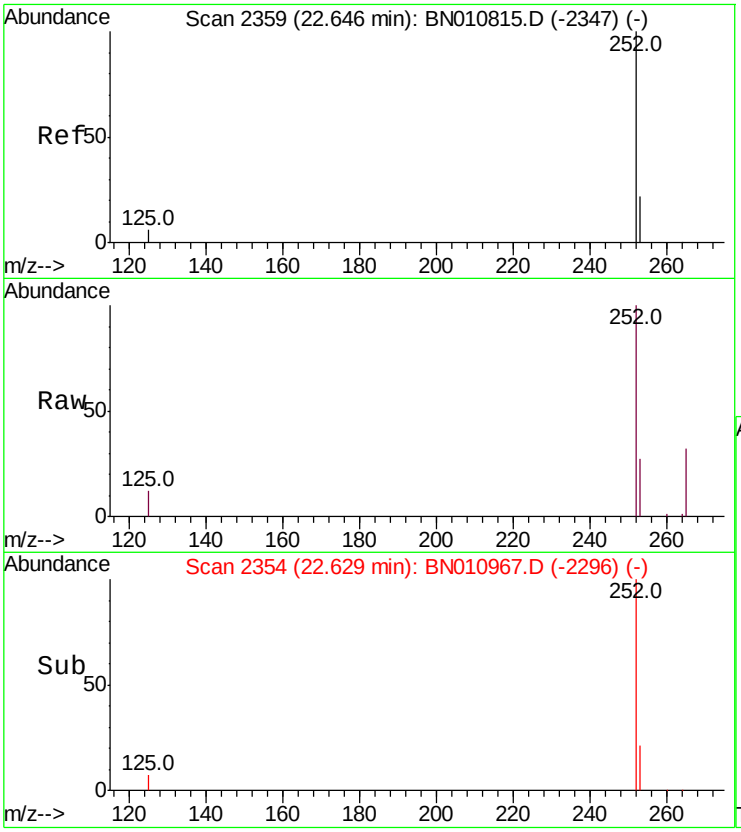


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:264 Resp: 8843

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	78.1	75.0	112.4



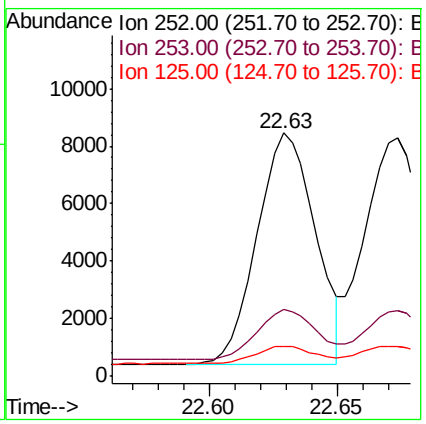


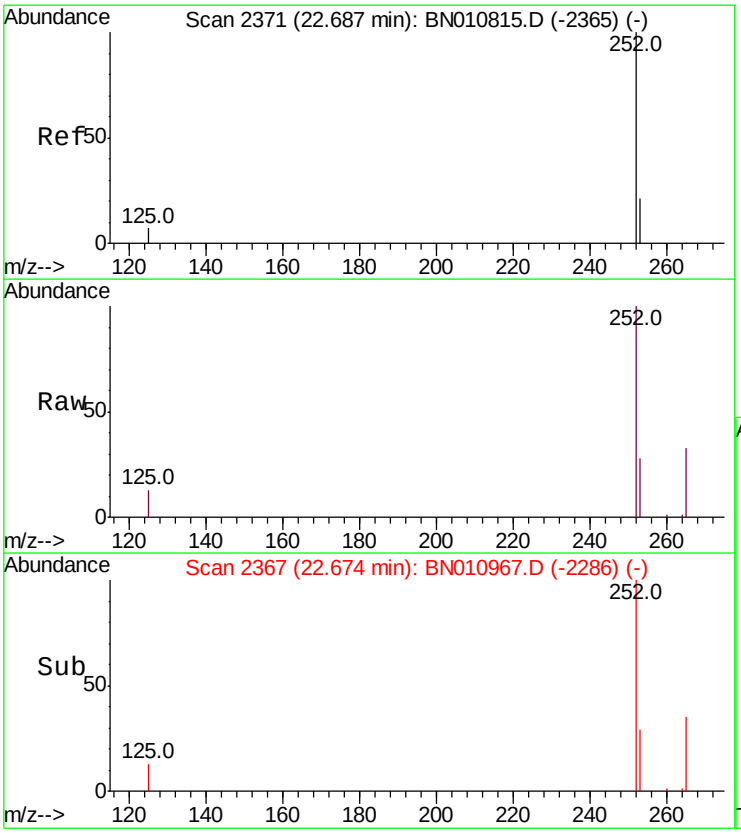
#35
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:252 Resp: 12711

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.4	33.6
125	12.5	9.4	14.0

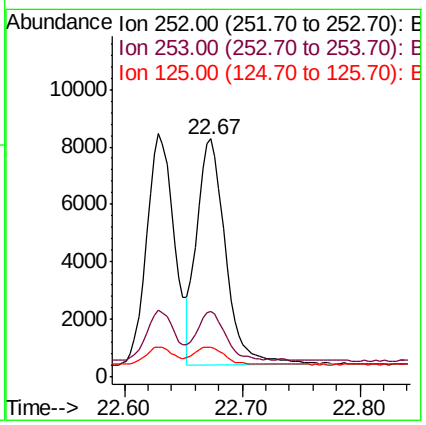


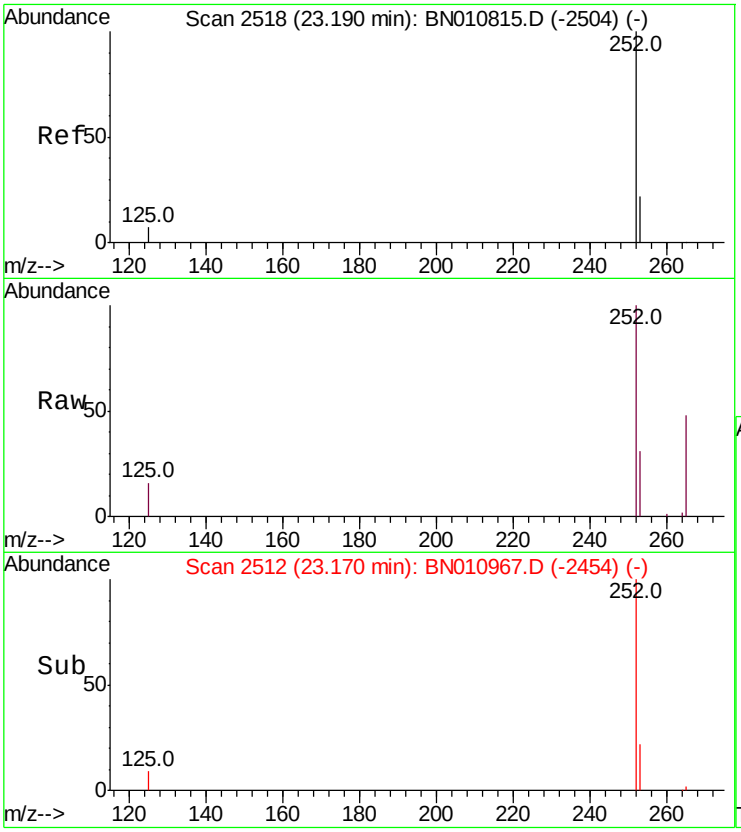


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.67 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:252 Resp: 13308

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.2	33.4
125	12.7	9.8	14.8



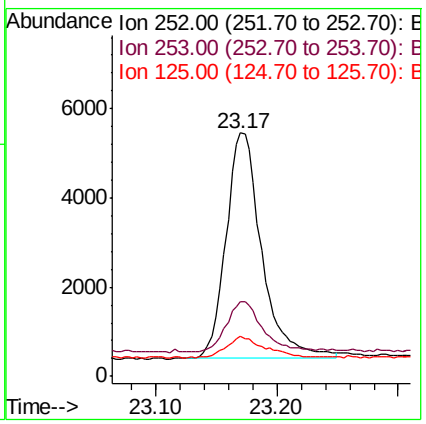


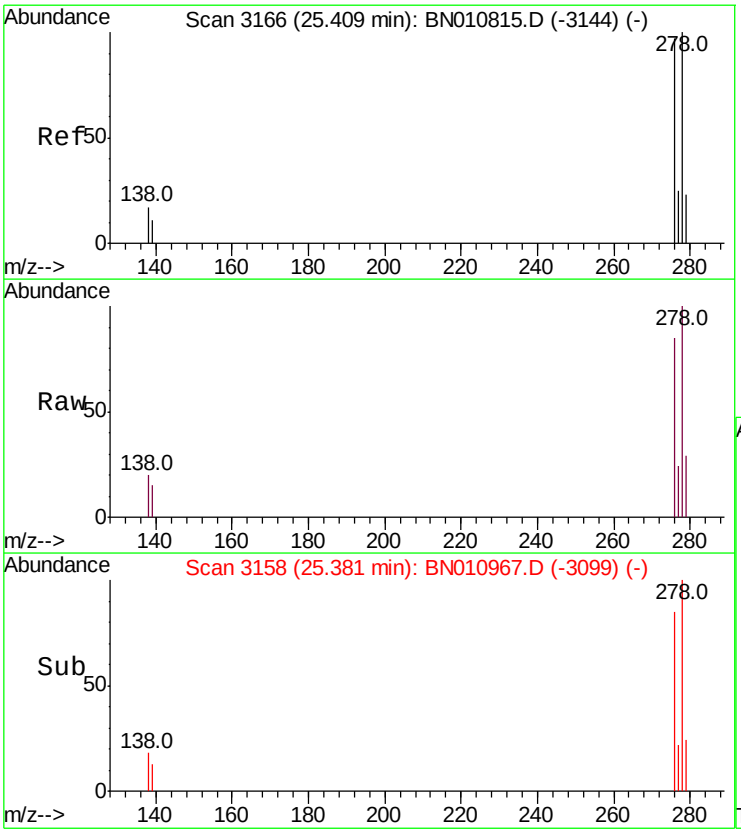
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.17 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:252 Resp: 10344

Ion	Ratio	Lower	Upper
252	100		
253	30.7	25.8	38.8
125	16.3	12.4	18.6

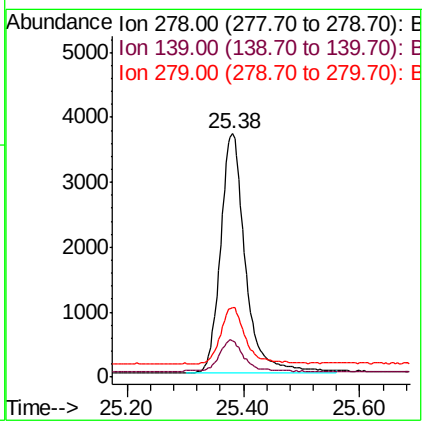


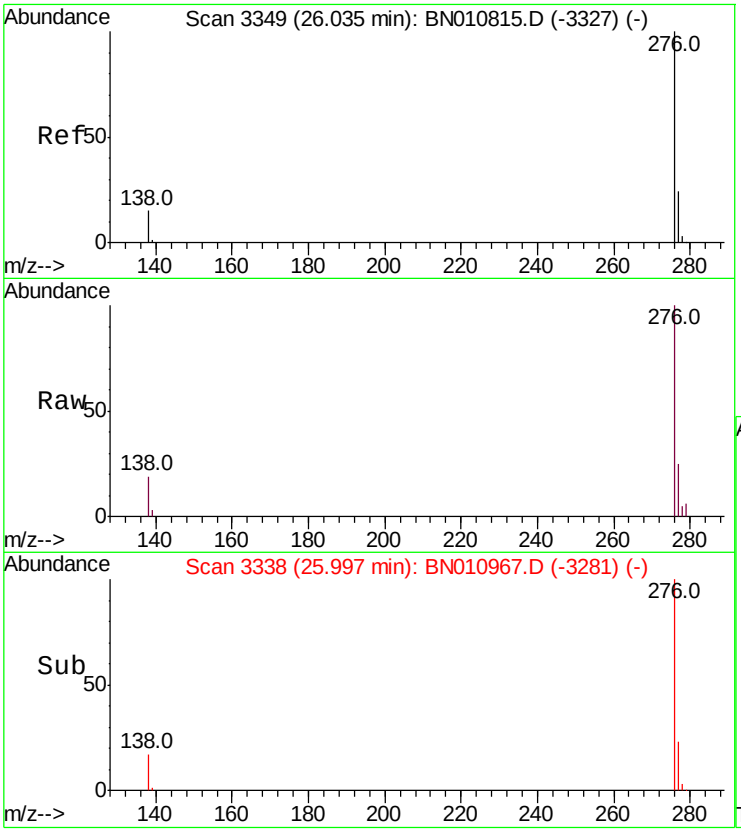


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.38 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:278 Resp: 10931

Ion	Ratio	Lower	Upper
278	100		
139	14.8	10.6	15.8
279	28.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 26.00 min Scan# 3338
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tgt Ion:276 Resp: 11324

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.5	30.7
138	19.3	13.7	20.5