Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010979.D
Acq On : 19 Jun 2020 20:35
Operator : CG/JU
Sample : L3043-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE139D2-20200616MSD

Quant Time: Jun 20 06:16:43 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	2075	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	7043	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	4550	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8144	0.40	ng		0.00
27) Chrysene-d12	21.12	240	7534	0.40	ng		0.00
34) Perylene-d12	23.26	264	7339	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	679	0.17	ng		0.00
5) Phenol-d6	6.73	99	481	0.10	ng		0.00
8) Nitrobenzene-d5	8.67	82	2263	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	3448	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	597	0.37	ng		0.01
15) 2-Fluorobiphenyl	12.78	172	6039	0.34	ng		0.00
25) Fluoranthene-d10	18.94	212	8288	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	10545	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1592	0.783	ng		98
3) n-Nitrosodimethylamine	3.53	42	184	0.156	ng	#	99
6) bis(2-Chloroethyl)ether	6.98	93	1527	0.332	ng		98
9) Naphthalene	10.33	128	5360	0.303	ng		100
10) Hexachlorobutadiene	10.62	225	1117	0.255	ng	#	99
12) 2-Methylnaphthalene	11.95	142	3588	0.303	ng		98
16) Acenaphthylene	13.87	152	4910	0.263	ng		99
17) Acenaphthene	14.21	154	3644	0.287	ng		98
18) Fluorene	15.22	166	4197	0.256	ng		97
20) 4-Bromophenyl-phenylether	16.11	248	1443	0.295	ng		96
21) Hexachlorobenzene	16.22	284	1596	0.313	ng		100
22) Pentachlorophenol	16.57	266	1175	0.686	ng		96
23) Phenanthrene	16.94	178	7902	0.355	ng		100
24) Anthracene	17.04	178	6556	0.353	ng		99
26) Fluoranthene	18.97	202	9296	0.368	ng		99
28) Pyrene	19.34	202	10139	0.407	ng		99
30) Benzo(a)anthracene	21.10	228	8913	0.402	ng		99
31) Chrysene	21.15	228	9042	0.350	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3568	0.483	ng		97
33) Indeno(1,2,3-cd)pyrene	25.36	276	10670	0.370	ng		96
35) Benzo(b)fluoranthene	22.63	252	9732	0.390	ng		98
36) Benzo(k)fluoranthene	22.67	252	10141	0.381	ng		98
37) Benzo(a)pyrene	23.17	252	7589	0.355	ng		98
38) Dibenzo(a,h)anthracene	25.38	278	8987	0.368	ng		98
39) Benzo(g,h,i)perylene	26.00	276	9760	0.383	ng		98

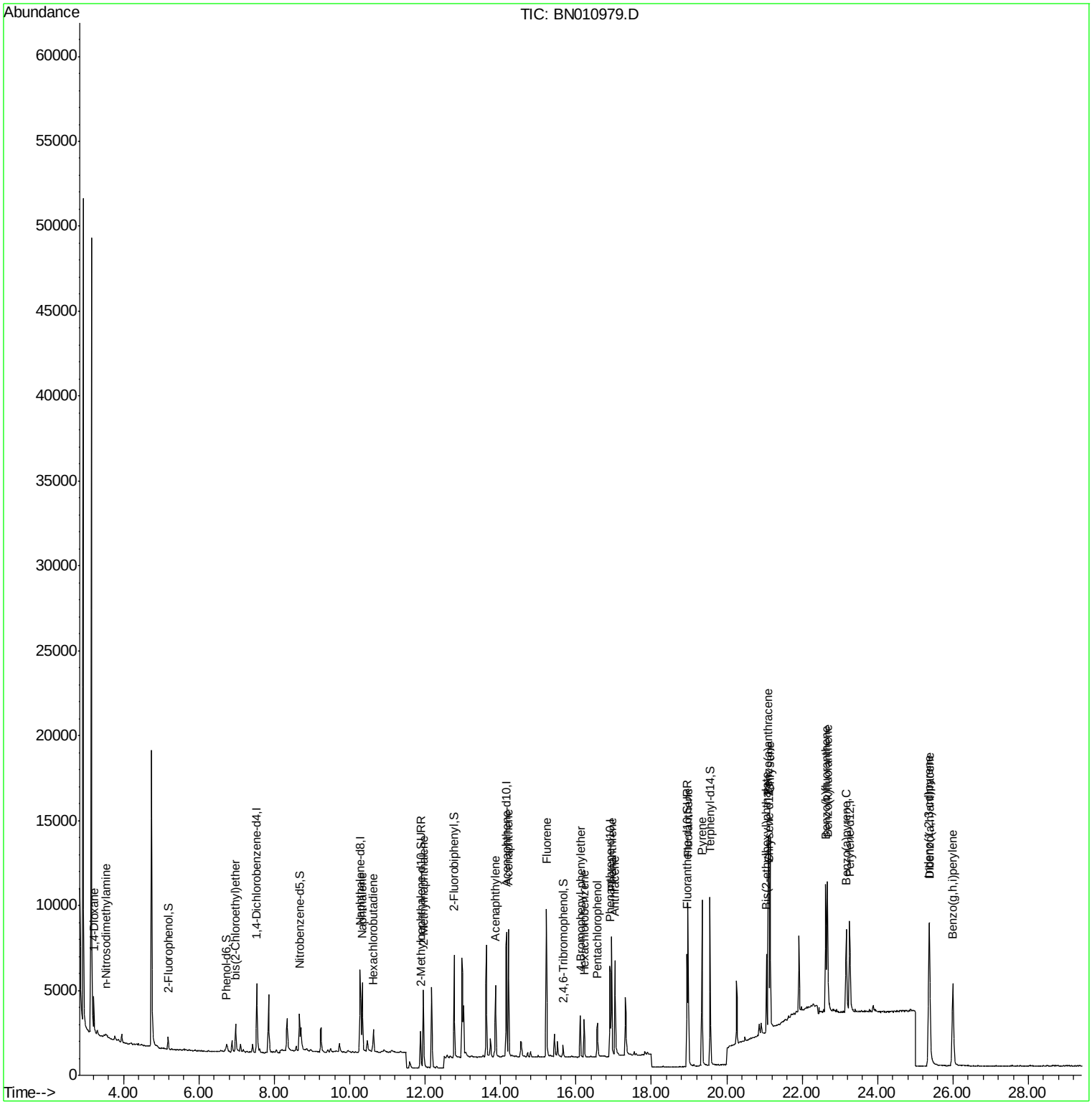
(#) = qualifier out of range (m) = manual integration (+) = signals summed

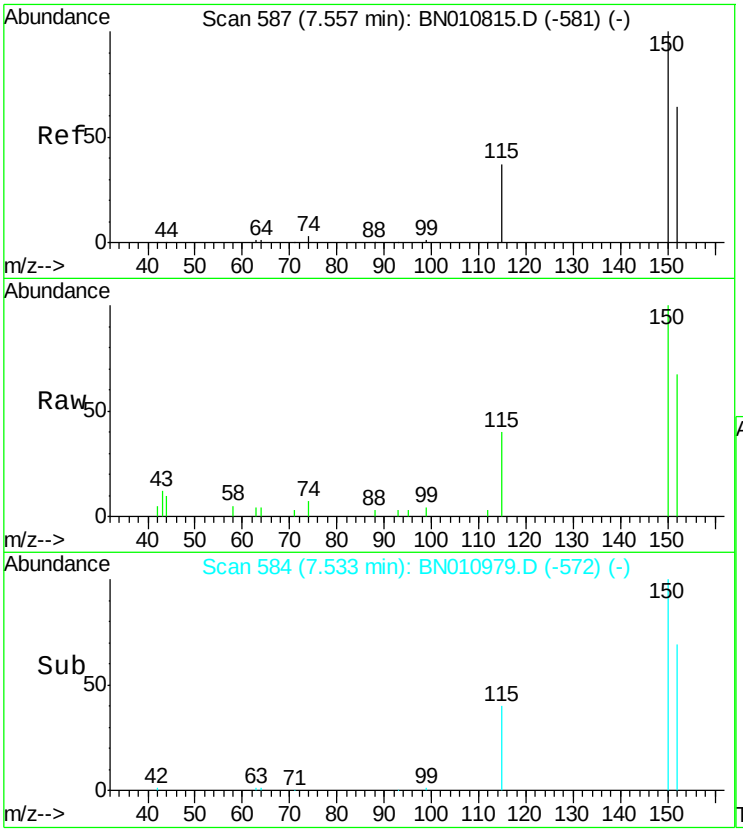
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010979.D
Acq On : 19 Jun 2020 20:35
Operator : CG/JU
Sample : L3043-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Quant Time: Jun 20 06:16:43 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



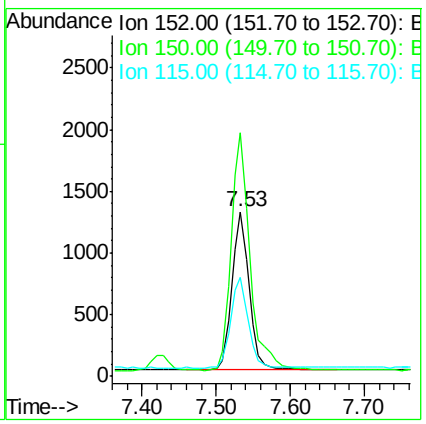


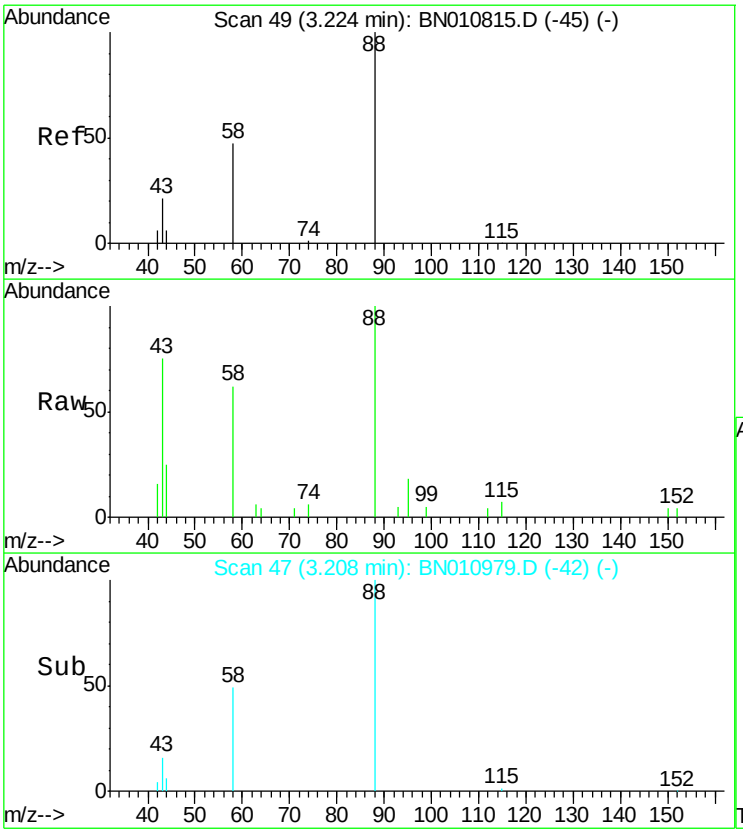
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:152 Resp: 2075

Ion	Ratio	Lower	Upper
152	100		
150	148.2	123.8	185.6
115	60.0	49.2	73.8

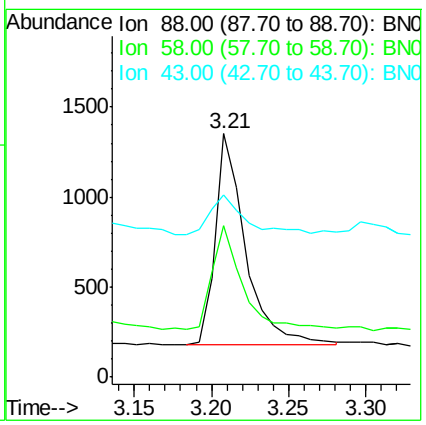


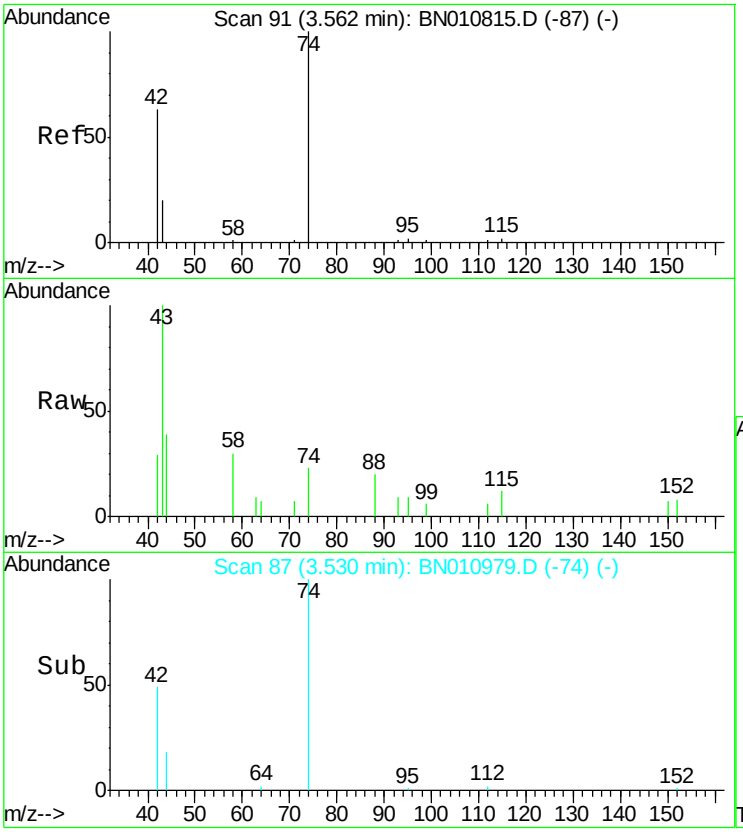


#2
1,4-Dioxane
Concen: 0.783 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion: 88 Resp: 1592

Ion	Ratio	Lower	Upper
88	100		
58	48.6	38.2	57.4
43	20.7	15.1	22.7



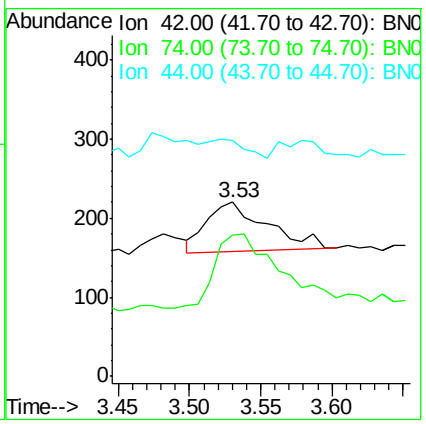


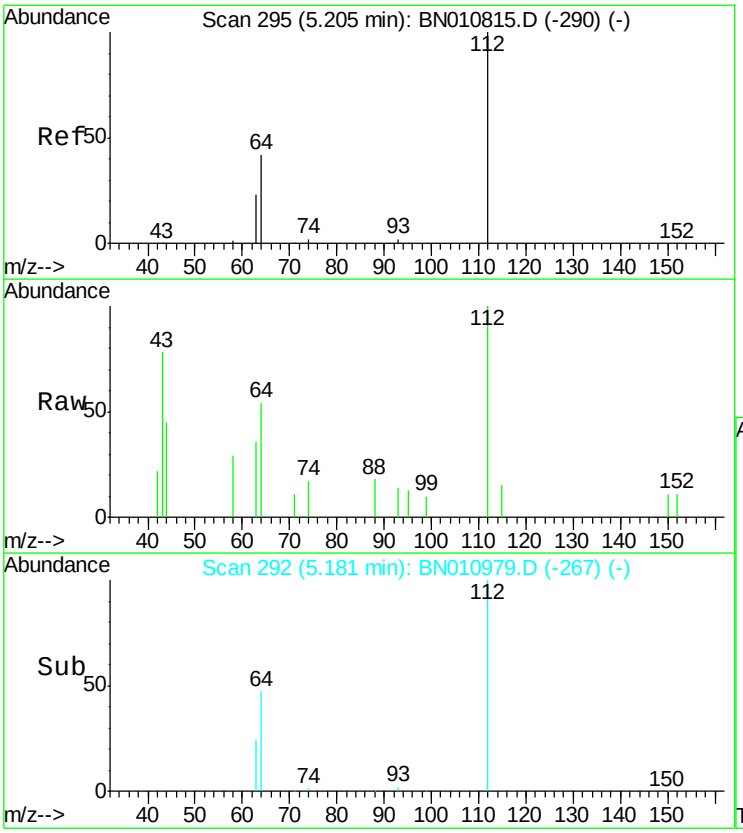
#3
n-Nitrosodimethylamine
Concen: 0.156 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.01 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion: 42 Resp: 184

Ion	Ratio	Lower	Upper
42	100		
74	174.5	140.7	211.1
44	0.0	1.4	2.2#

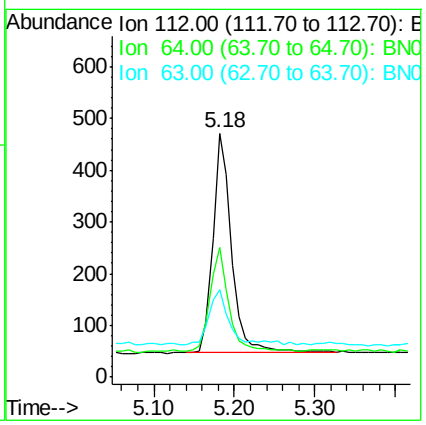


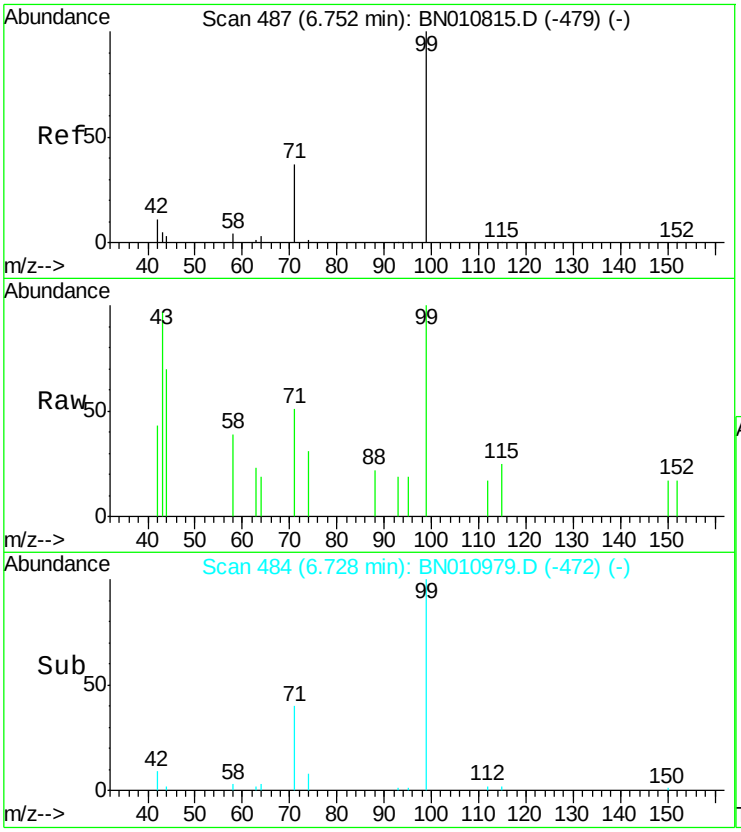


#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:112 Resp: 679

Ion	Ratio	Lower	Upper
112	100		
64	45.4	37.4	56.0
63	28.3	22.2	33.4



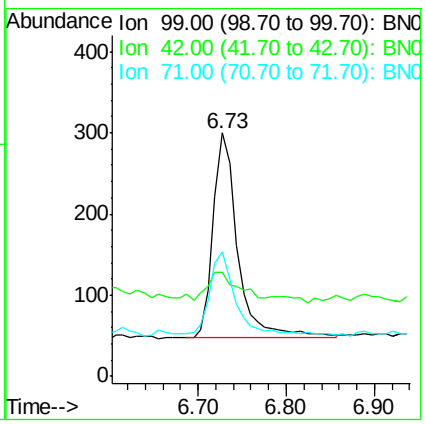


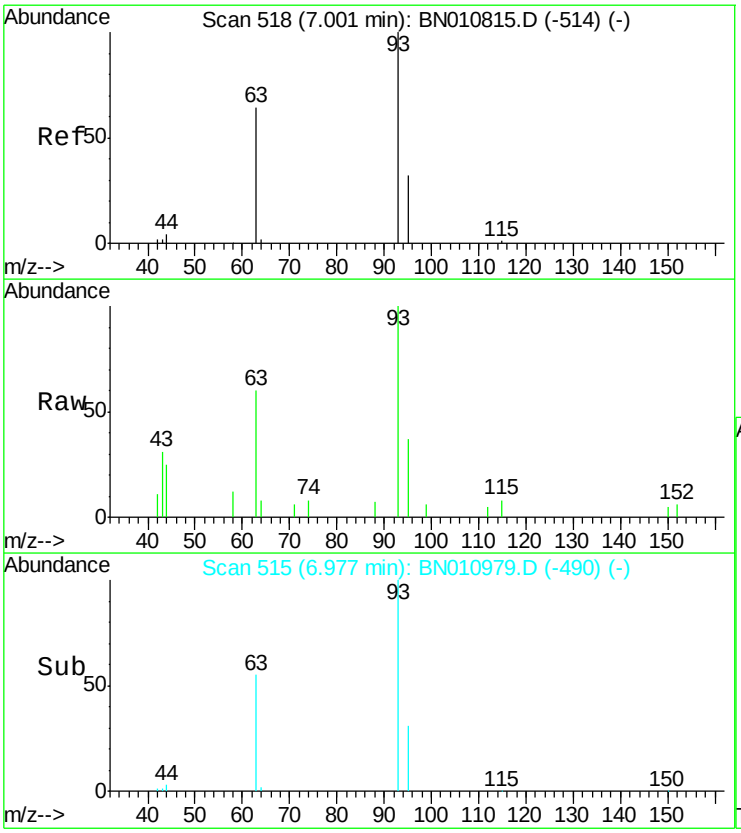
#5
Phenol-d6
Concen: 0.102 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion: 99 Resp: 481

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.1	16.7
71	42.4	31.4	47.2

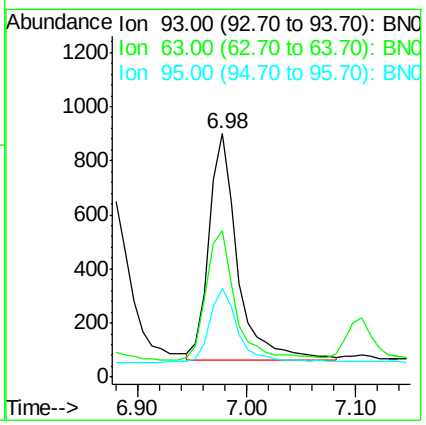


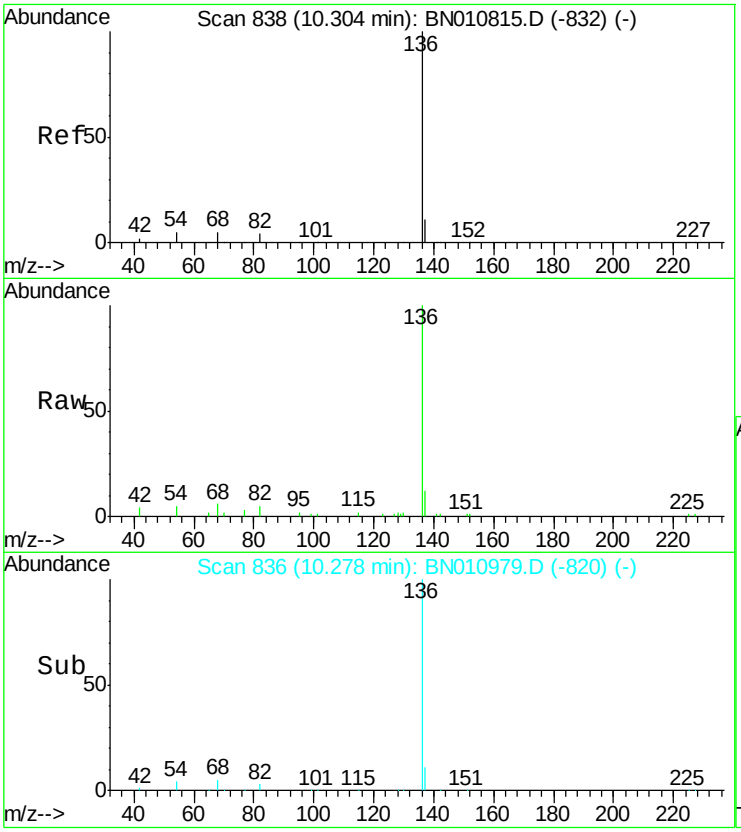


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 6.98 min Scan# 515
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion: 93 Resp: 1527

Ion	Ratio	Lower	Upper
93	100		
63	59.6	49.4	74.2
95	34.1	26.7	40.1



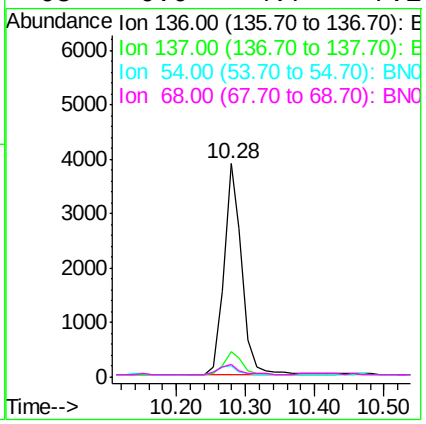


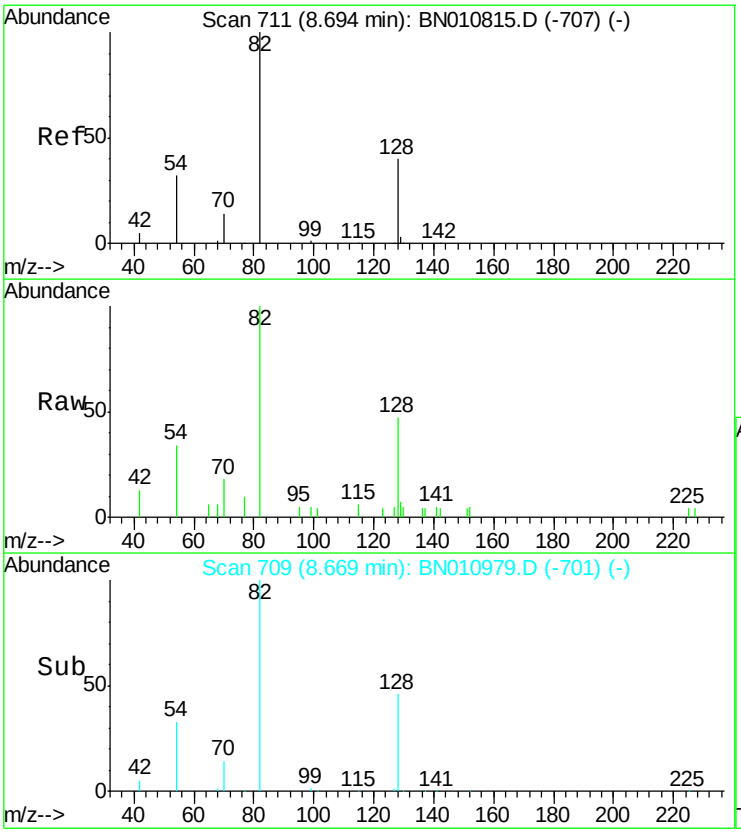
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:136 Resp: 7043

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	5.2	4.9	7.3
68	6.0	4.7	7.1

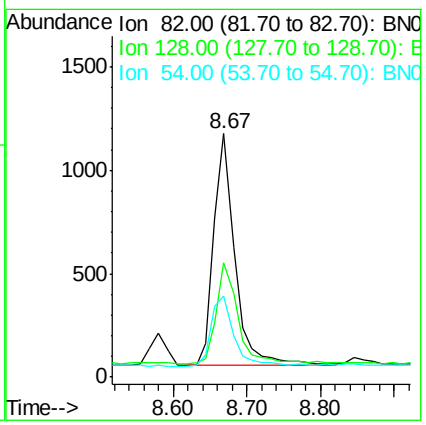


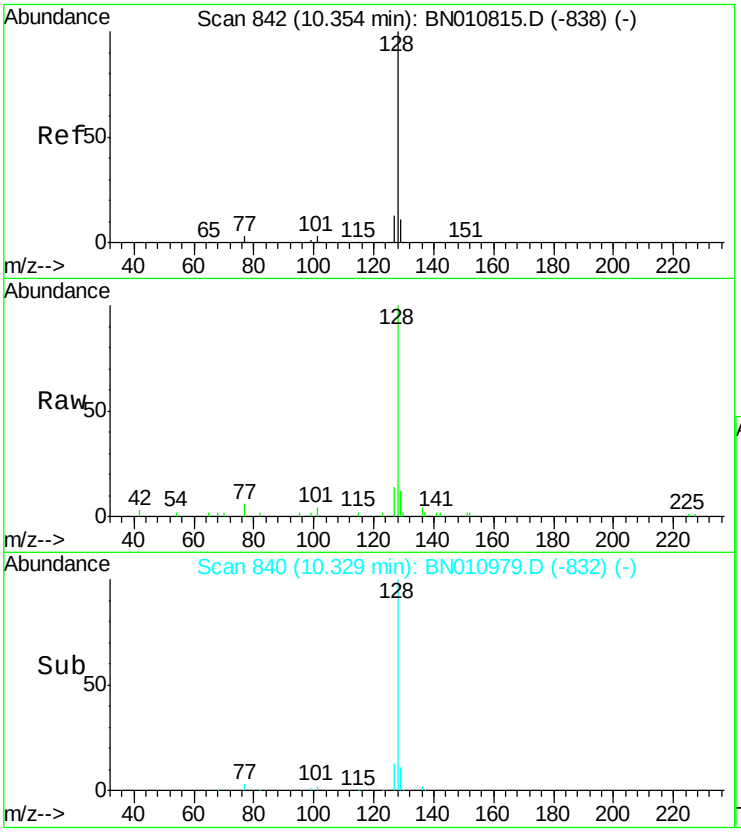


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion: 82 Resp: 2263

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.4	53.0
54	33.6	28.2	42.4



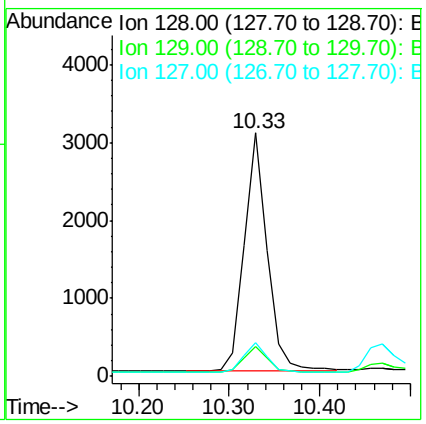


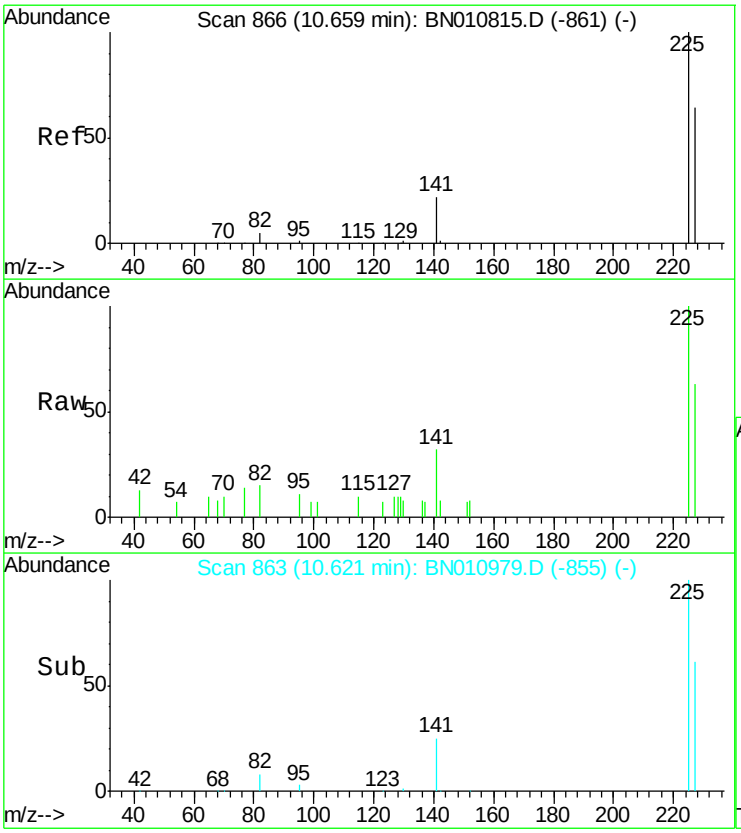
#9
Naphthalene
Concen: 0.303 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:128 Resp: 5360

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.1	11.4	17.2

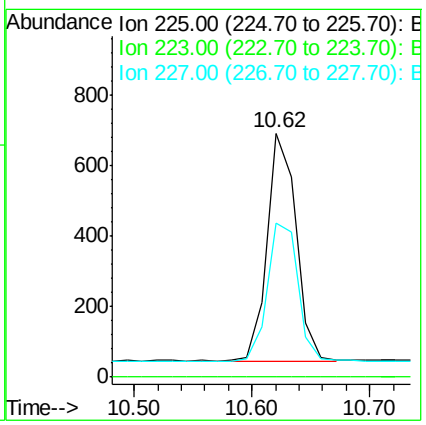


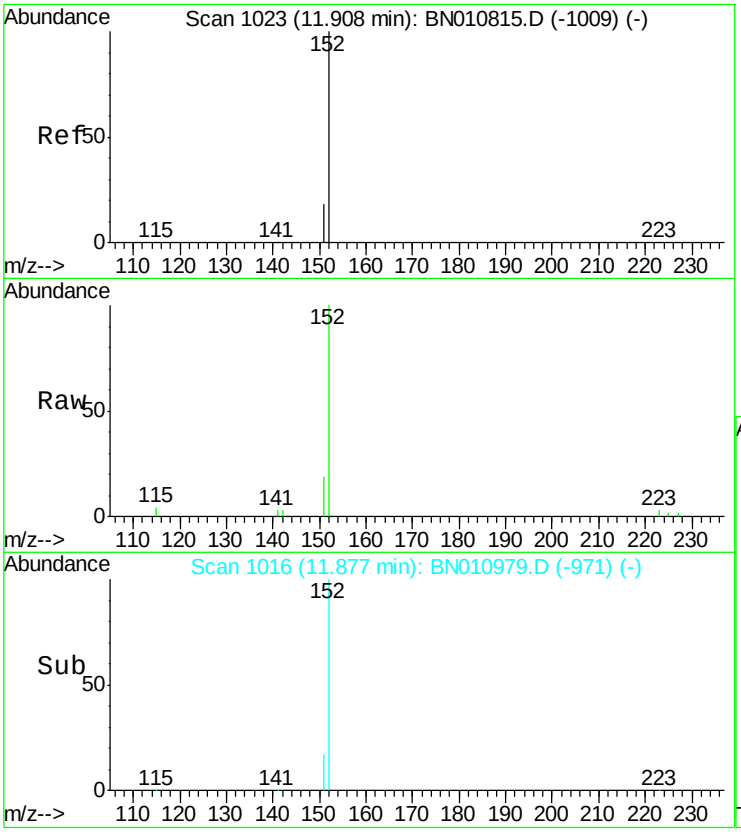


#10
Hexachlorobutadiene
Concen: 0.255 ng
RT: 10.62 min Scan# 863
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:225 Resp: 1117

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



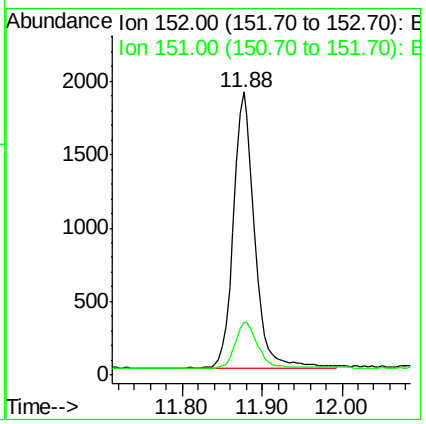


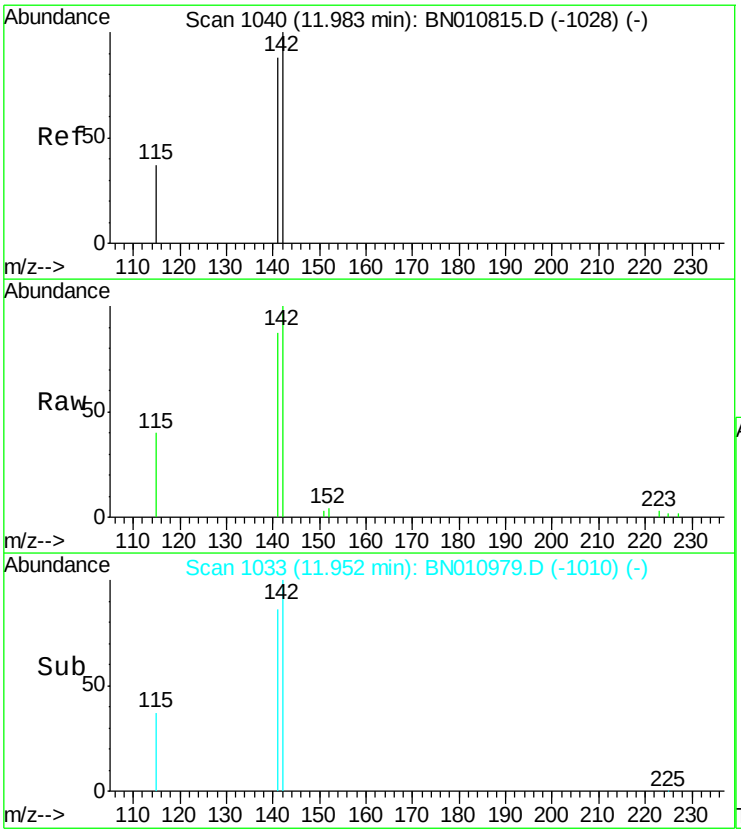
#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.88 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:152 Resp: 3448

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.3	22.9

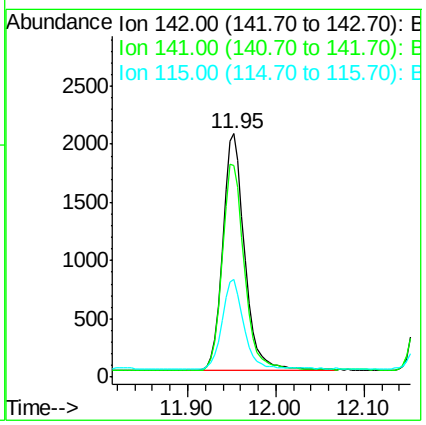


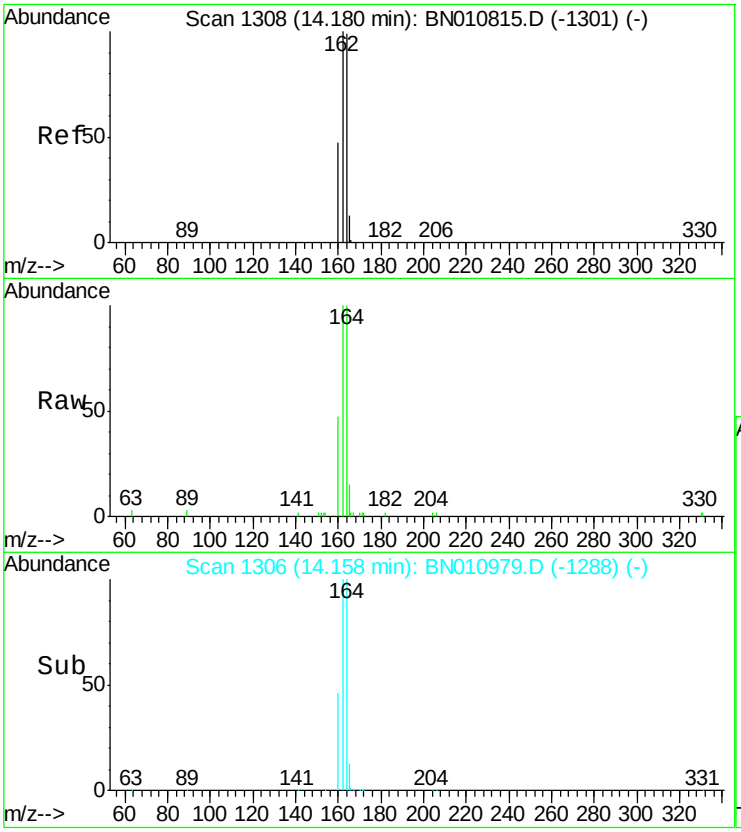


#12
2-Methylnaphthalene
Concen: 0.303 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:142 Resp: 3588

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	40.0	31.5	47.3



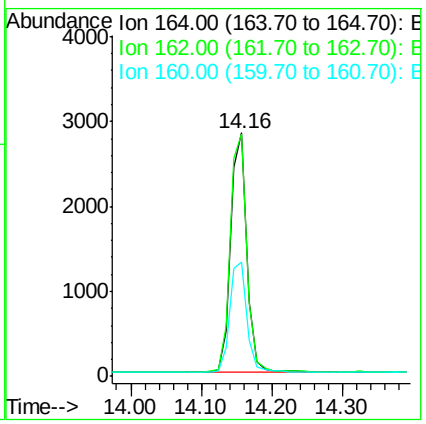


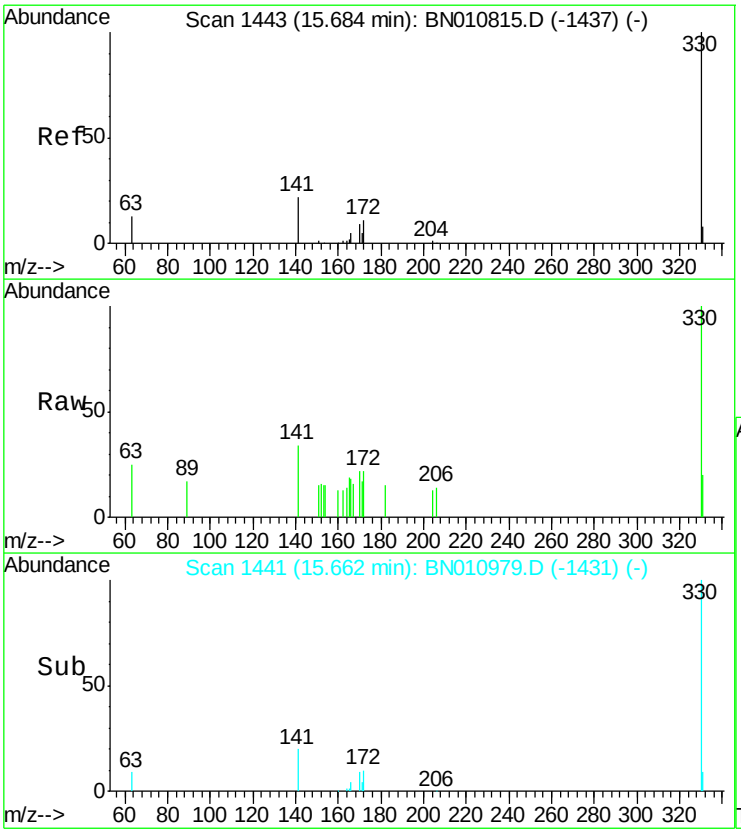
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:164 Resp: 4550

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	46.9	38.9	58.3

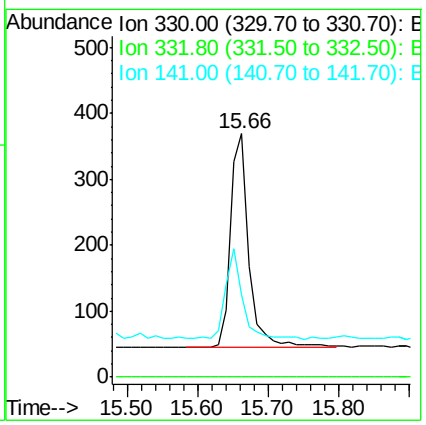


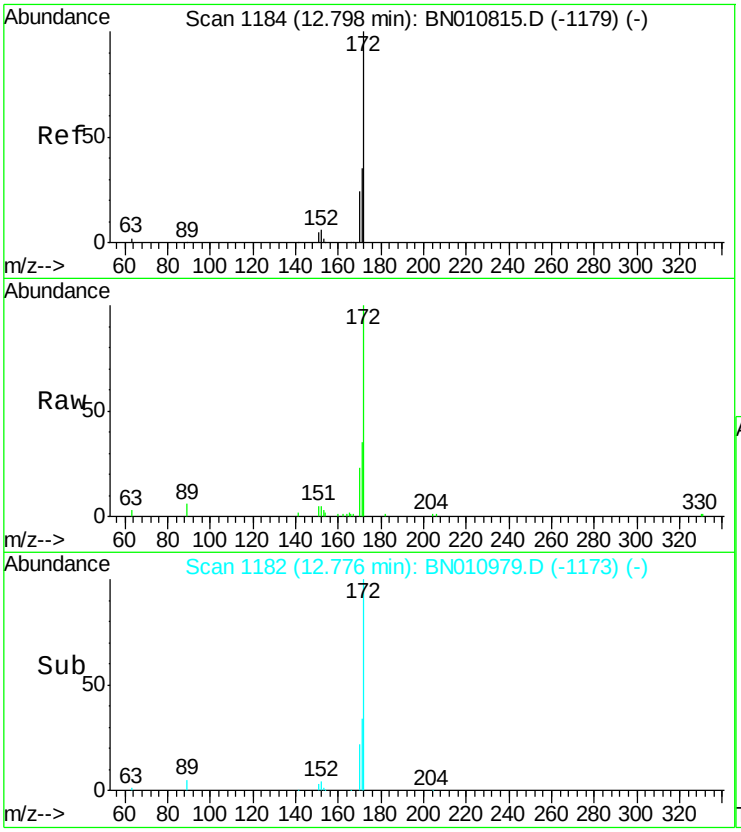


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:330 Resp: 597

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	33.2	49.8



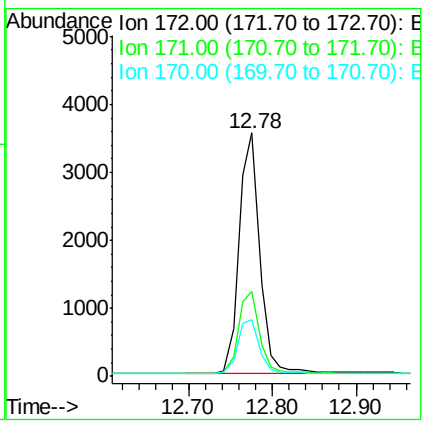


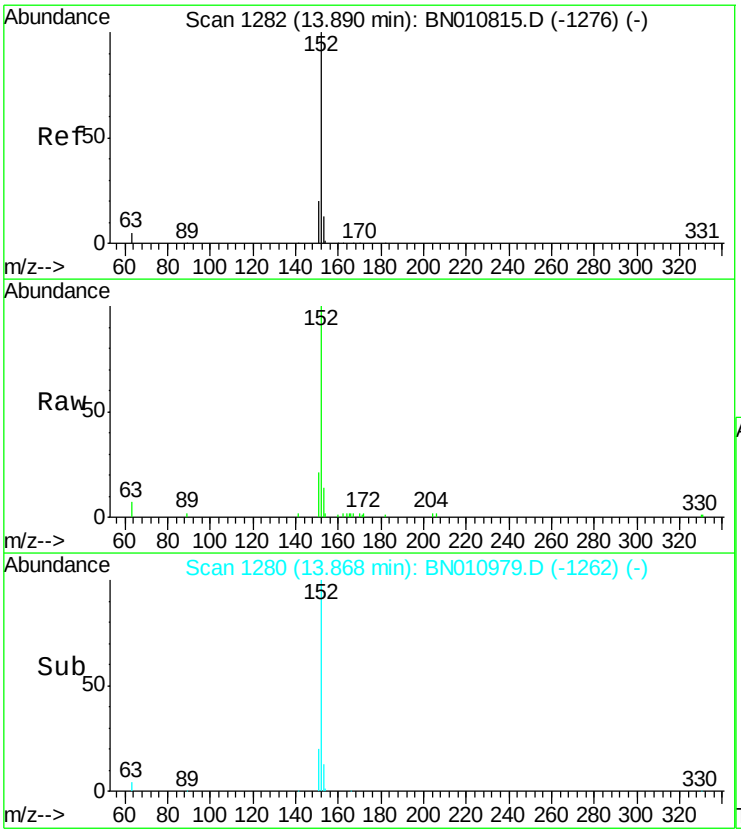
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:172 Resp: 6039

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.1	19.7	29.5

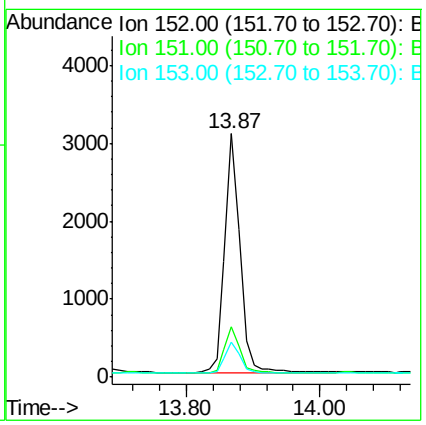


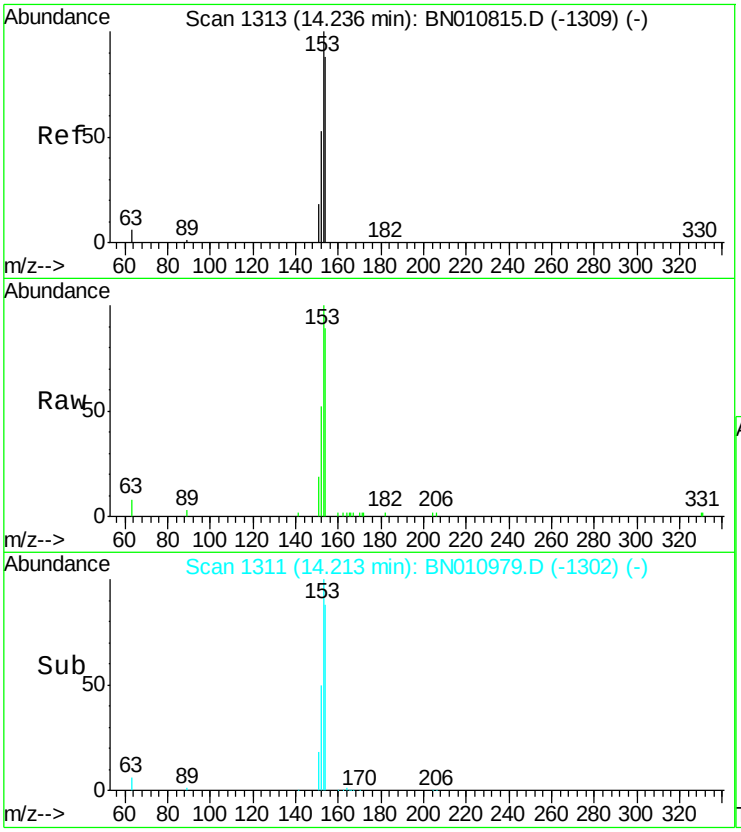


#16
Acenaphthylene
Concen: 0.263 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:152 Resp: 4910

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	13.5	10.6	16.0



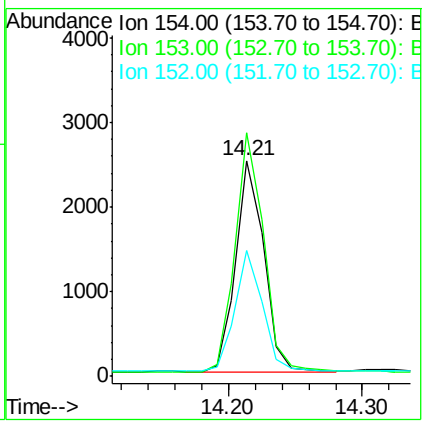


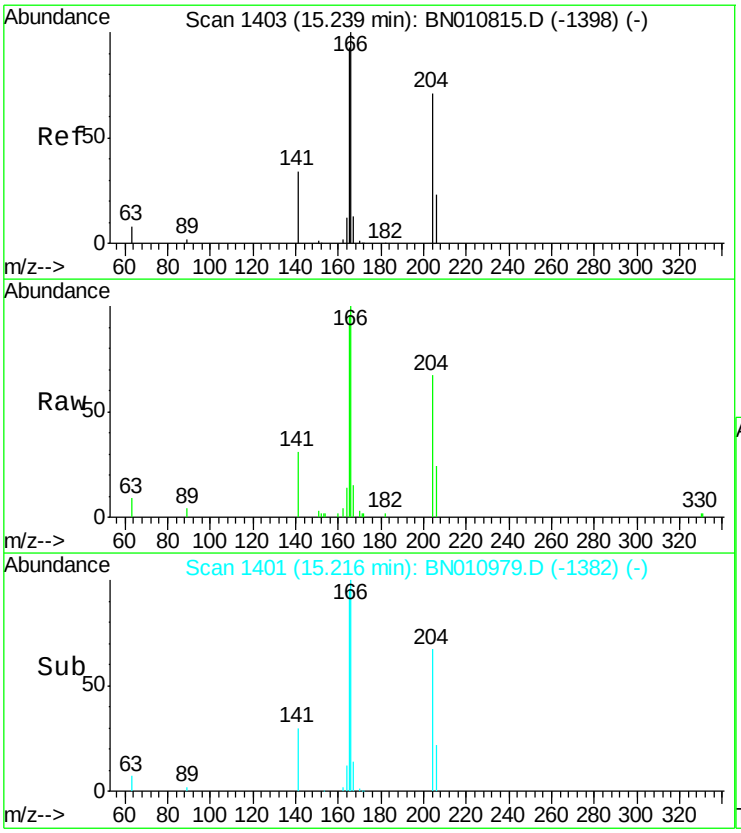
#17
Acenaphthene
Concen: 0.287 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:154 Resp: 3644

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.8	137.6
152	56.3	47.6	71.4

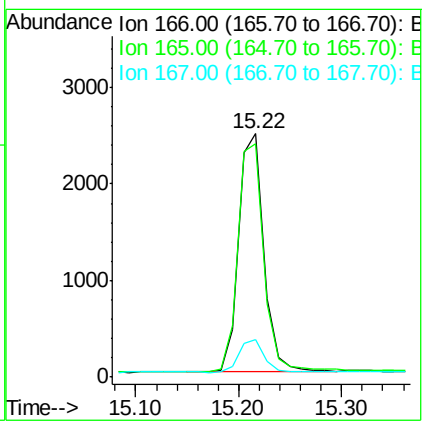


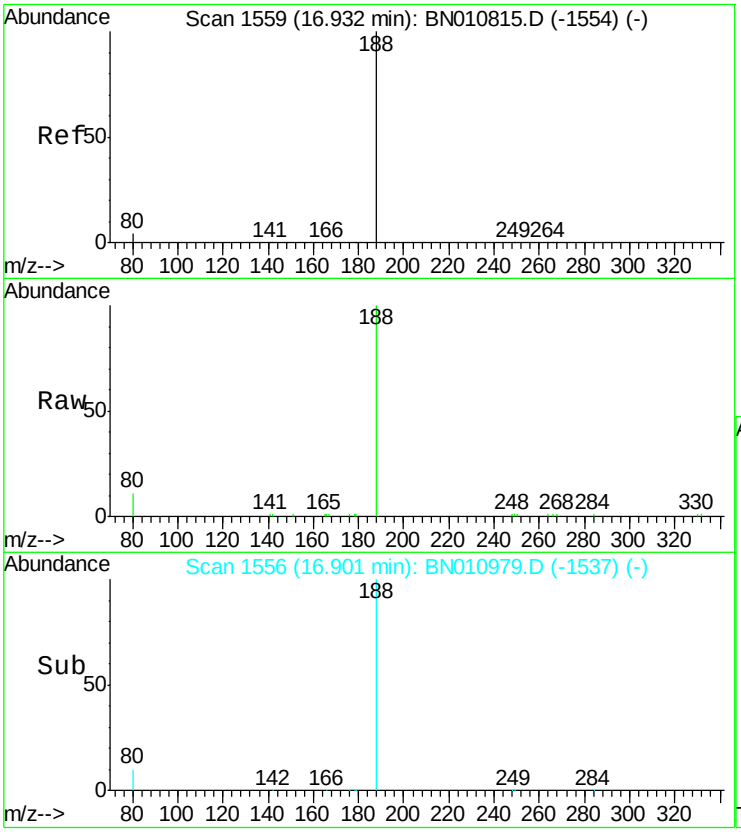


#18
Fluorene
Concen: 0.256 ng
RT: 15.22 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:166 Resp: 4197

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.2	115.8
167	13.9	10.7	16.1



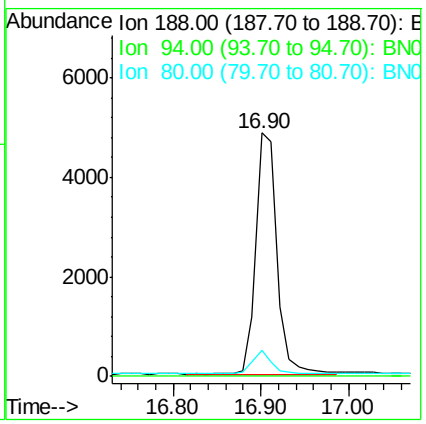


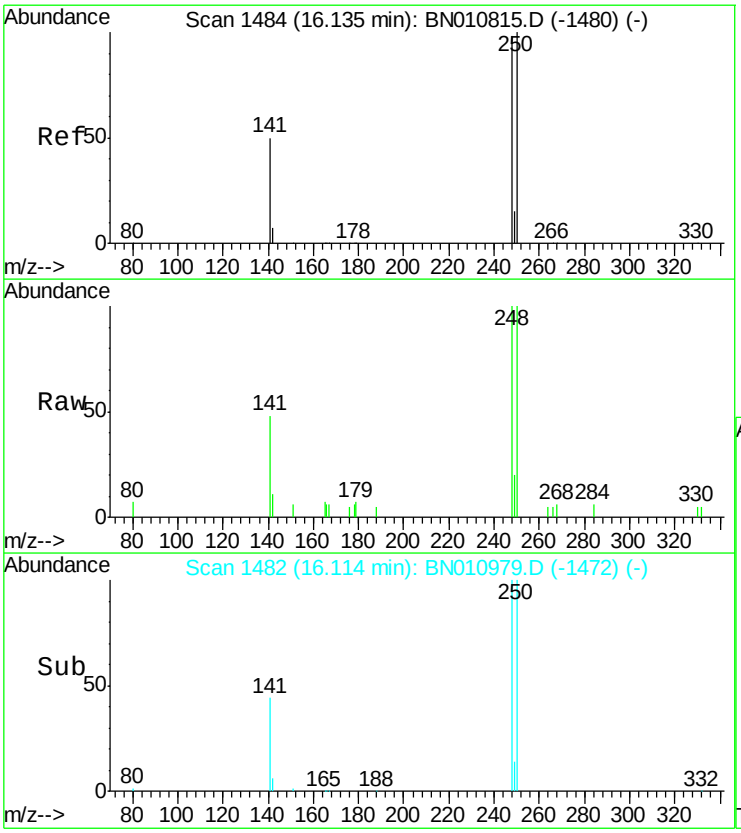
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:188 Resp: 8144

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	4.5	6.7#

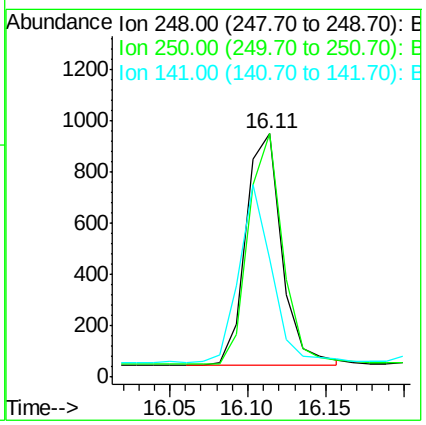


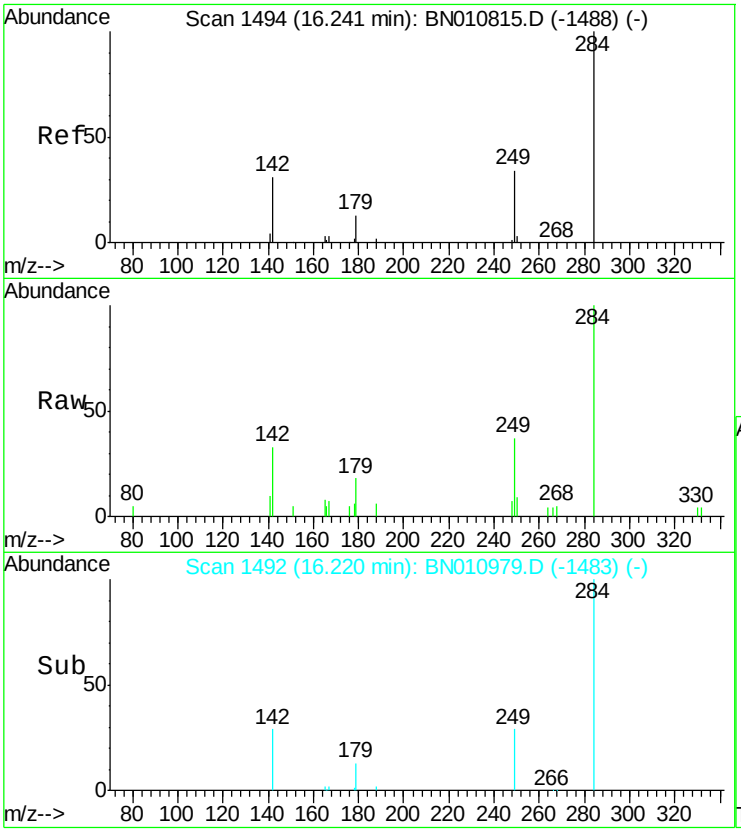


#20
4-Bromophenyl-phenylether
Concen: 0.295 ng
RT: 16.11 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:248 Resp: 1443

Ion	Ratio	Lower	Upper
248	100		
250	100.2	81.8	122.8
141	48.5	42.6	64.0



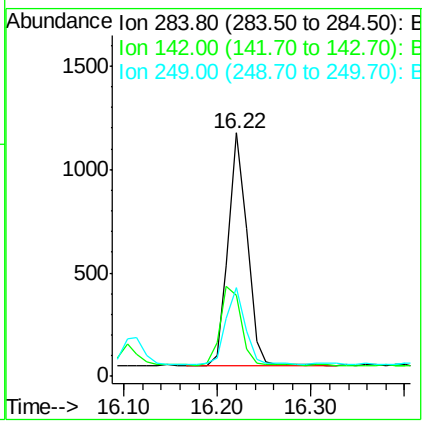


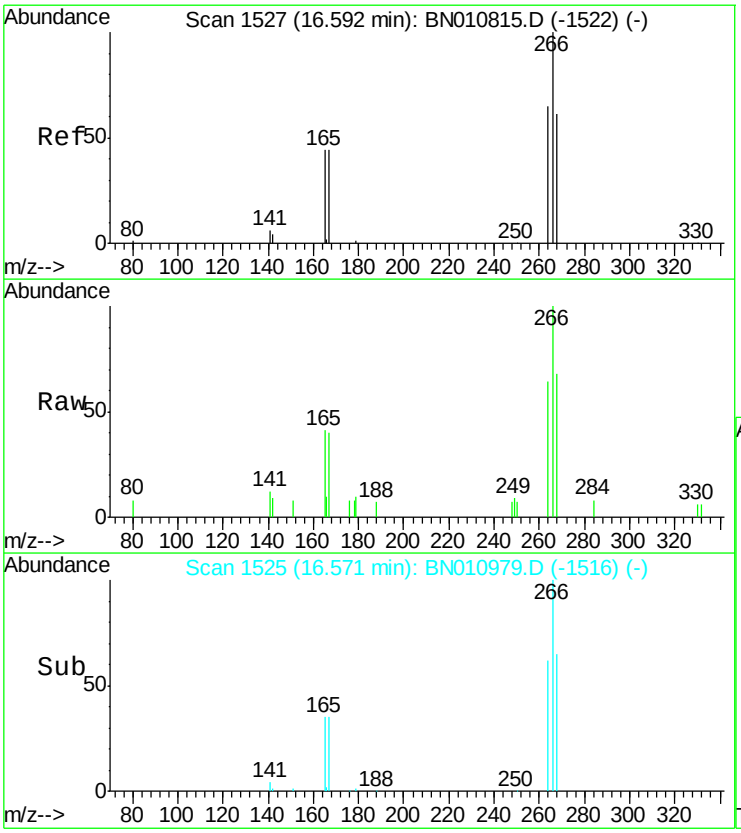
#21
Hexachlorobenzene
Concen: 0.313 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:284 Resp: 1596

Ion	Ratio	Lower	Upper
284	100		
142	38.5	31.0	46.4
249	33.6	27.1	40.7

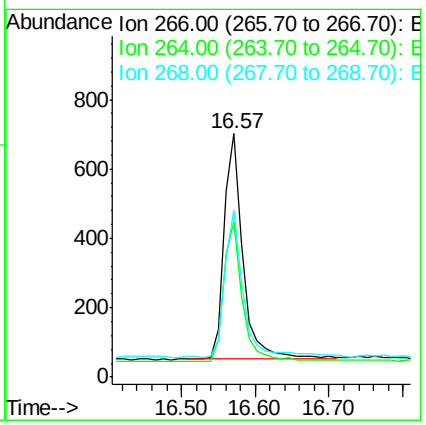


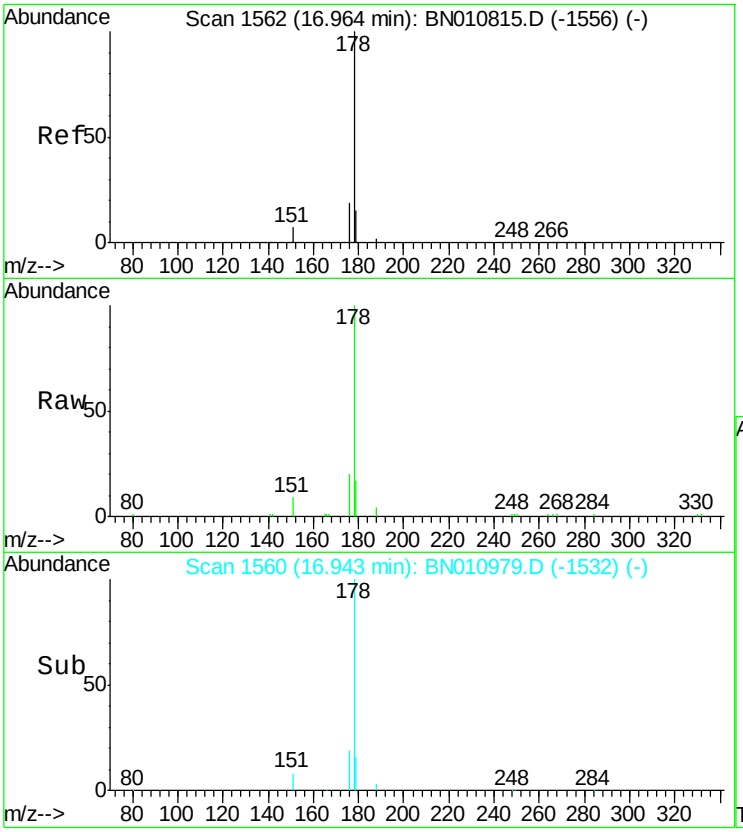


#22
Pentachlorophenol
Concen: 0.686 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:266 Resp: 1175

Ion	Ratio	Lower	Upper
266	100		
264	64.0	54.8	82.2
268	68.4	55.9	83.9



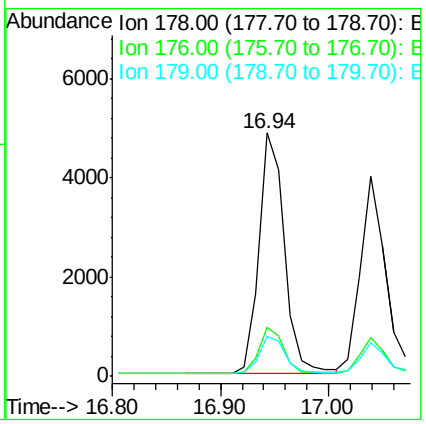


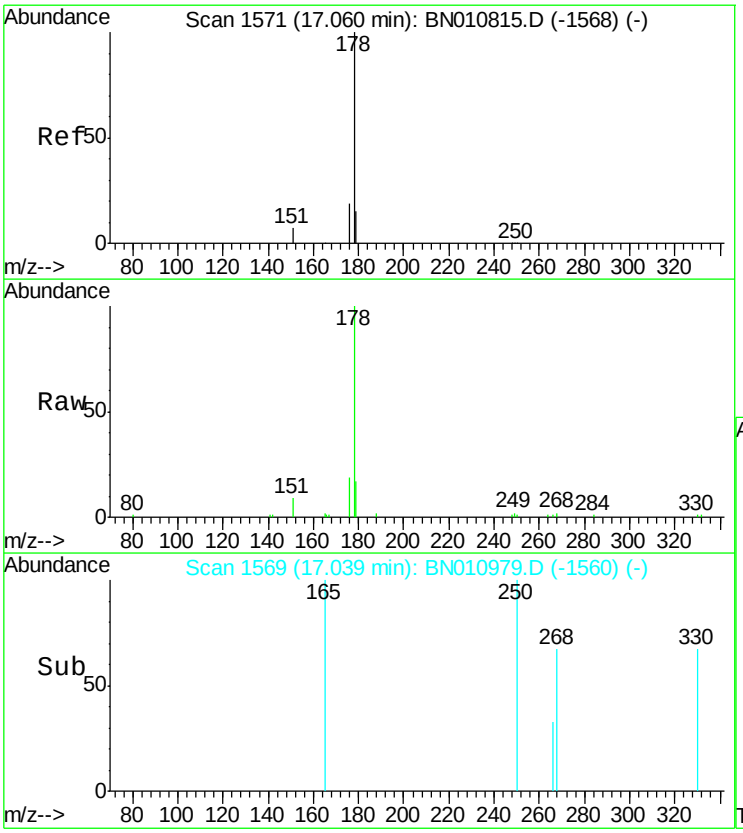
#23
Phenanthrene
Concen: 0.355 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:178 Resp: 7902

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

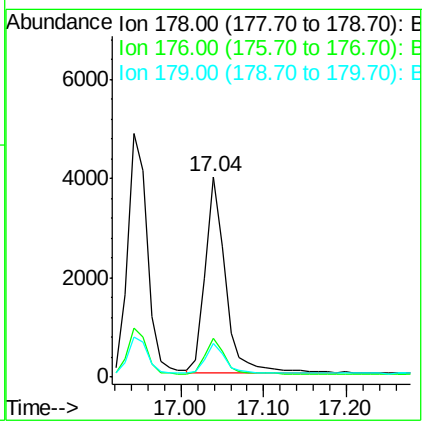


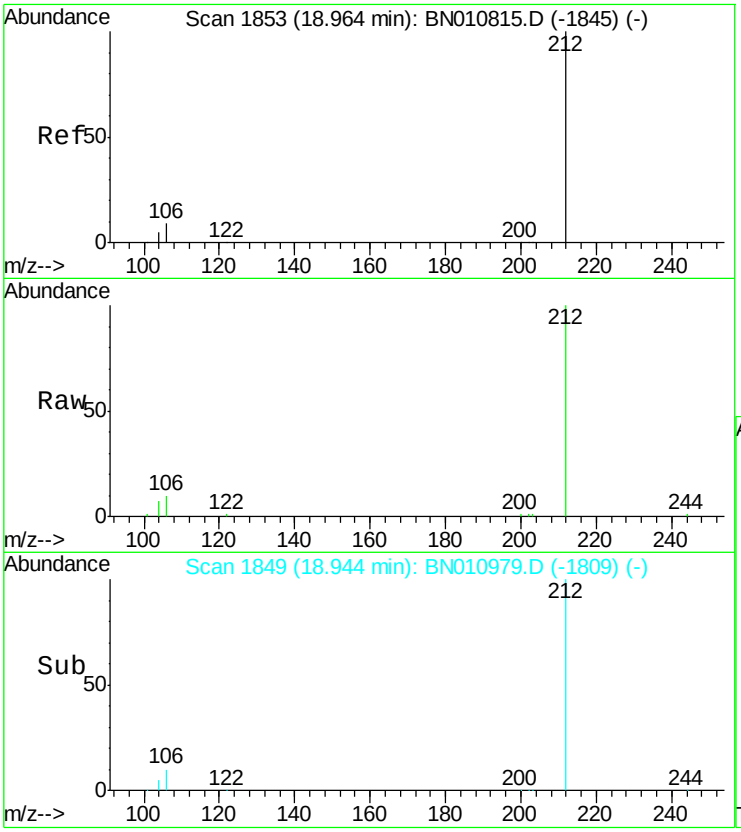


#24
Anthracene
Concen: 0.353 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:178 Resp: 6556

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.9	12.3	18.5



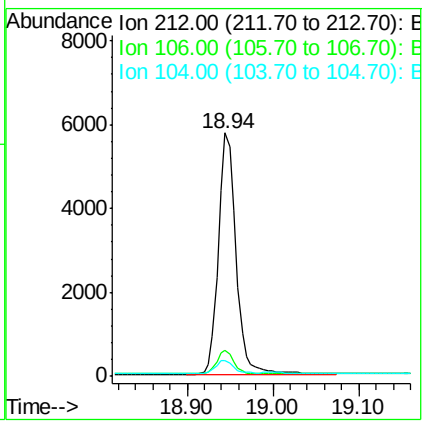


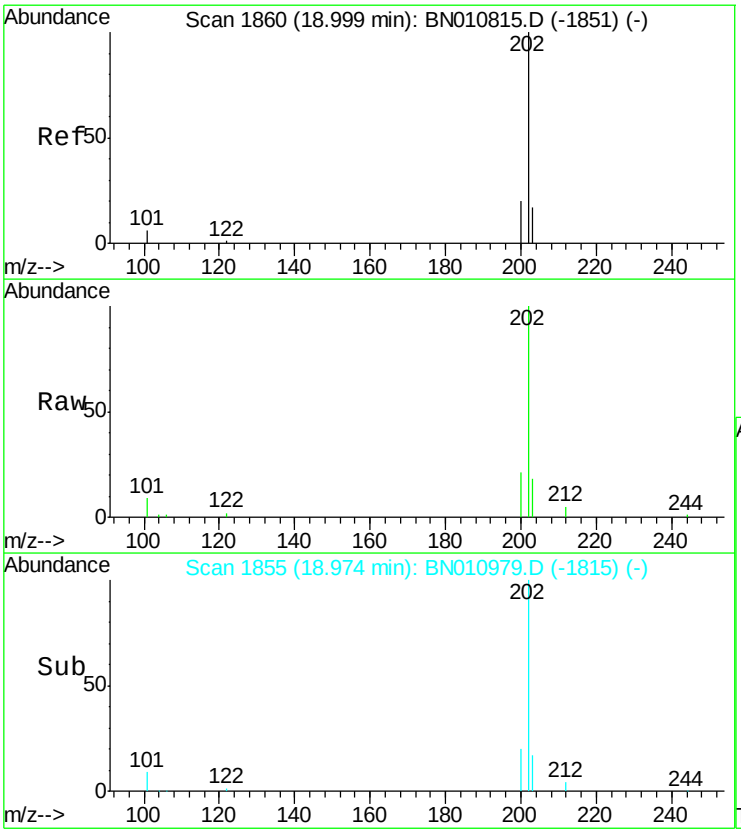
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 18.94 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:212 Resp: 8288

Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.6	10.0
104	5.2	4.0	6.0

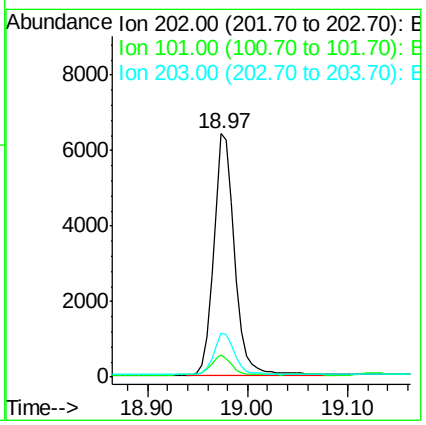


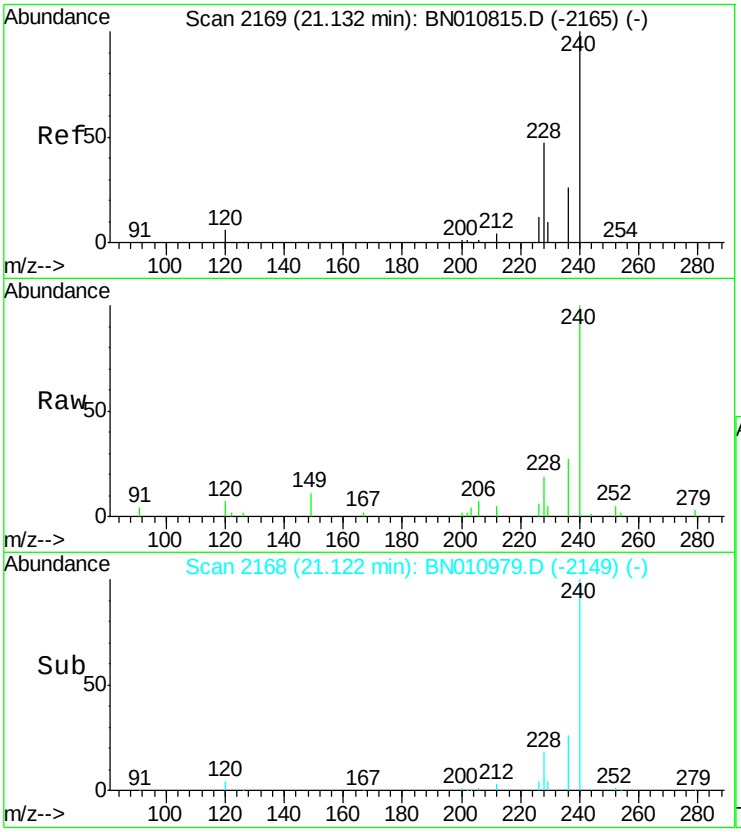


#26
Fluoranthene
Concen: 0.368 ng
RT: 18.97 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:202 Resp: 9296

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.8	8.6
203	17.2	13.7	20.5



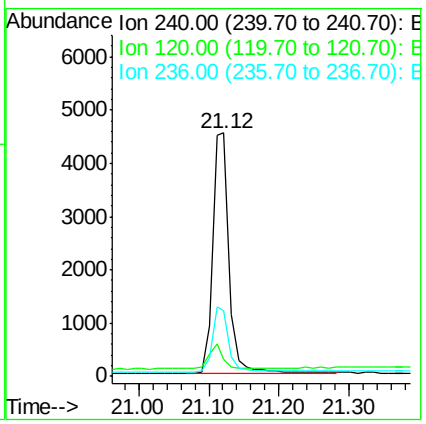


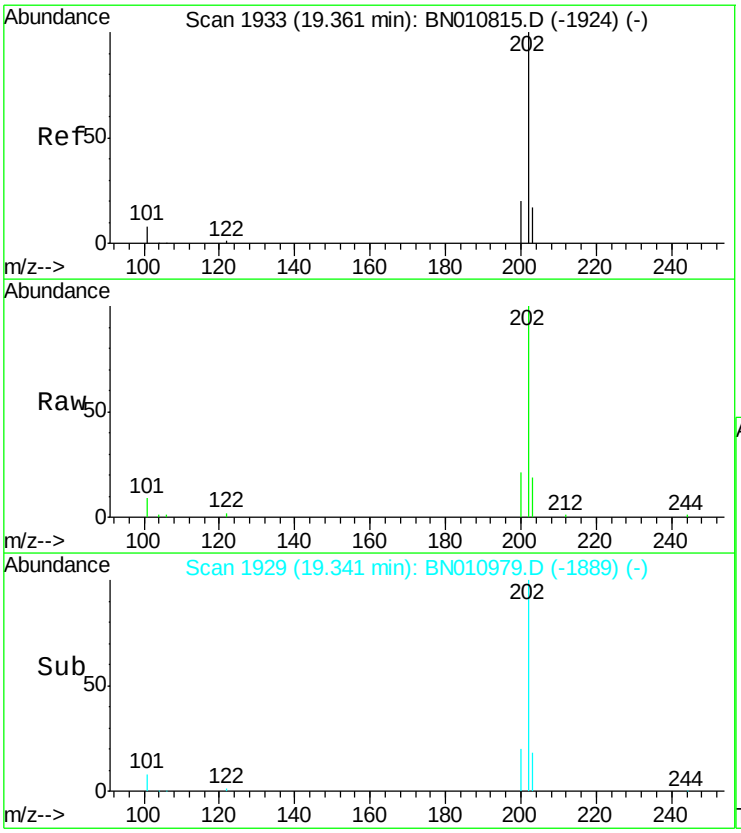
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:240 Resp: 7534

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.5	11.3#
236	27.2	22.3	33.5

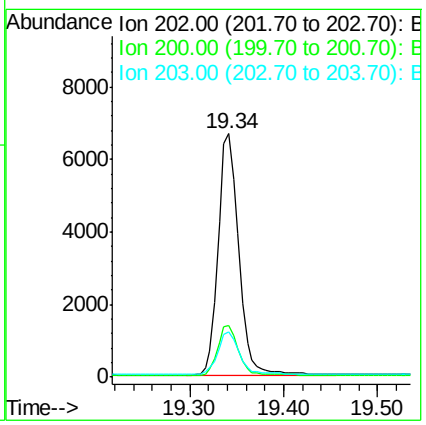


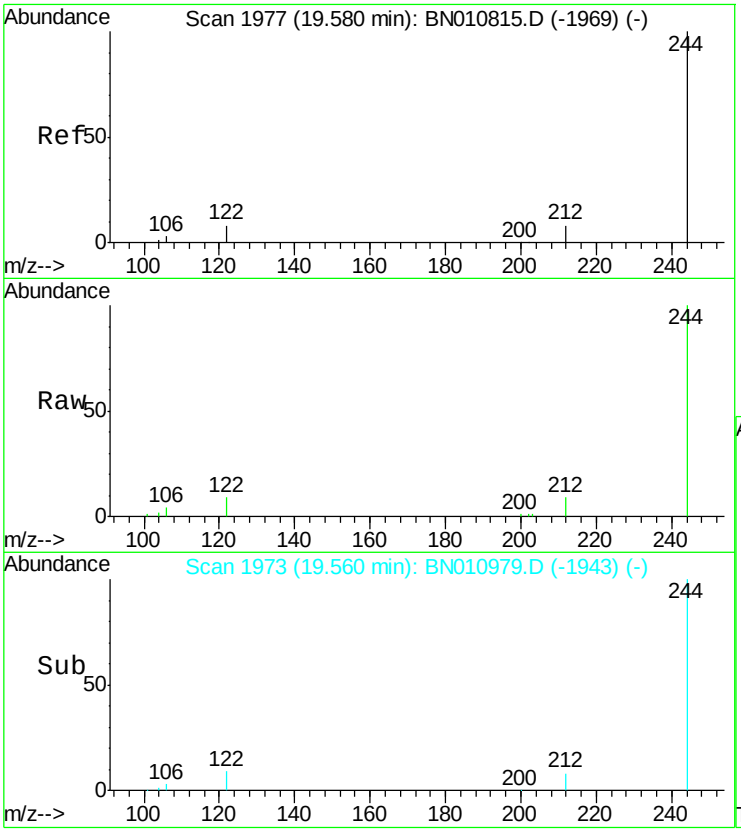


#28
Pyrene
Concen: 0.407 ng
RT: 19.34 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:202 Resp: 10139

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	18.3	14.2	21.4



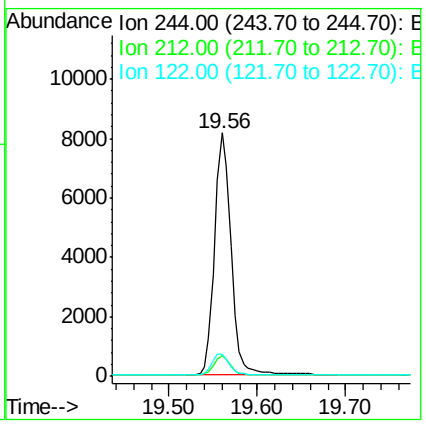


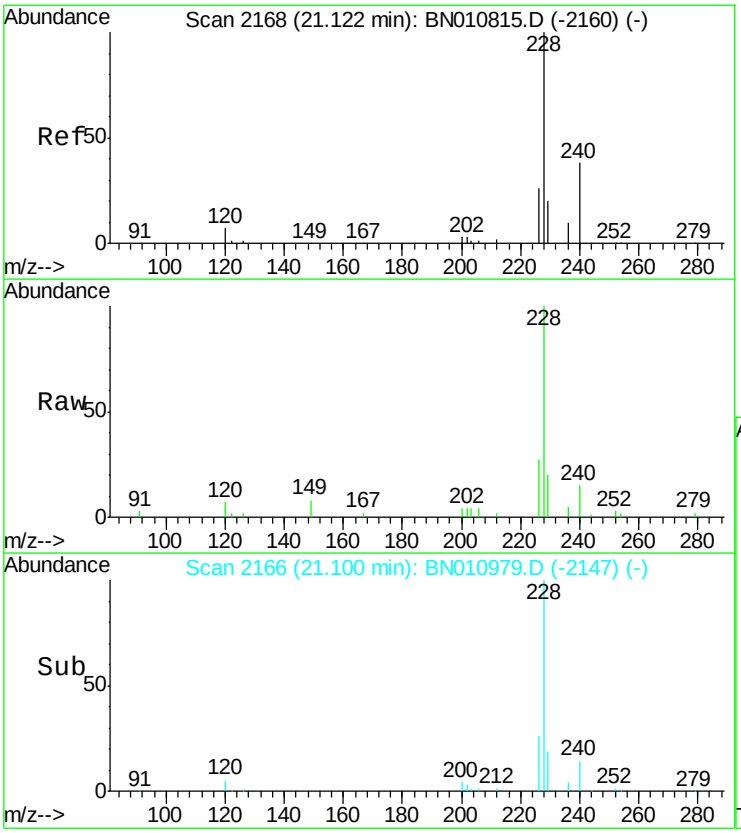
#29
Terphenyl-d14
Concen: 0.598 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:244 Resp: 10545

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	9.4	7.5	11.3

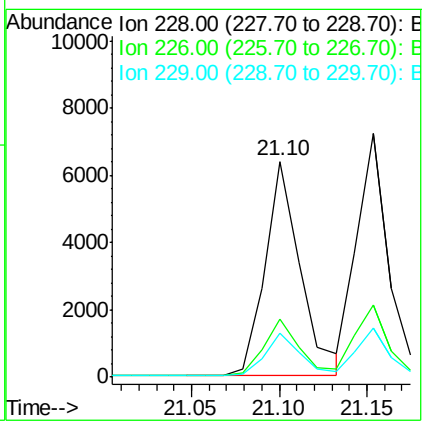


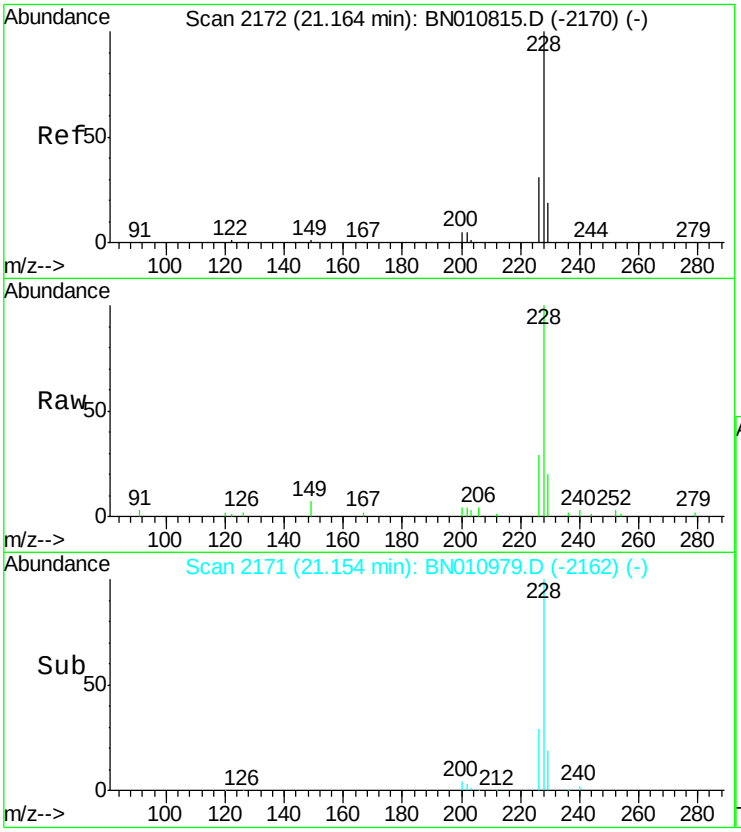


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:228 Resp: 8913

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.2	16.6	24.8



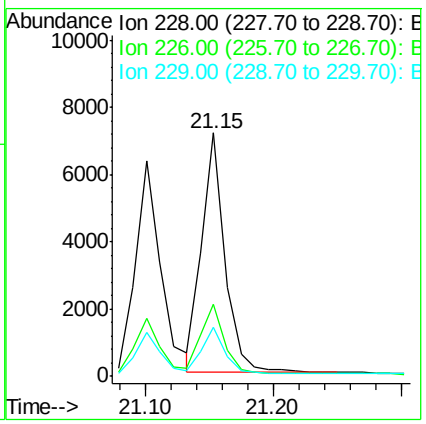


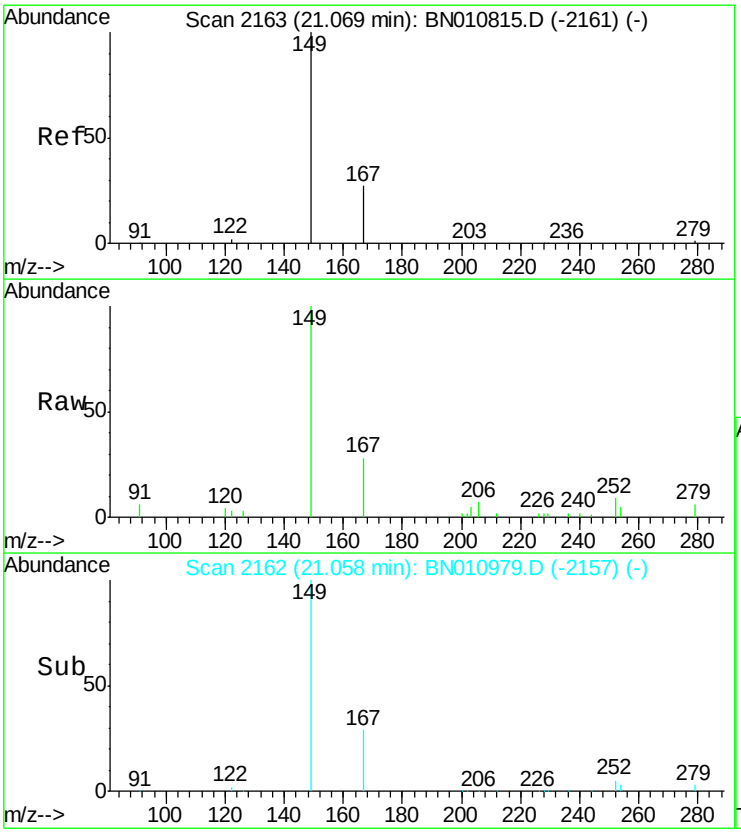
#31
Chrysene
Concen: 0.350 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:228 Resp: 9042

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.9	16.1	24.1

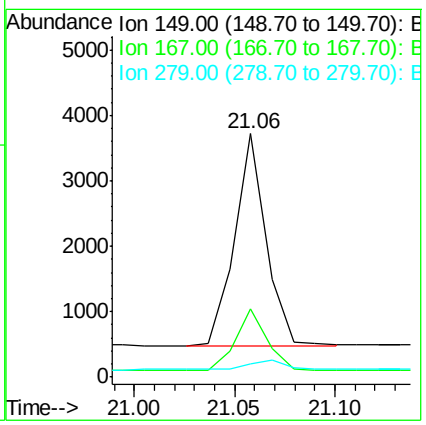


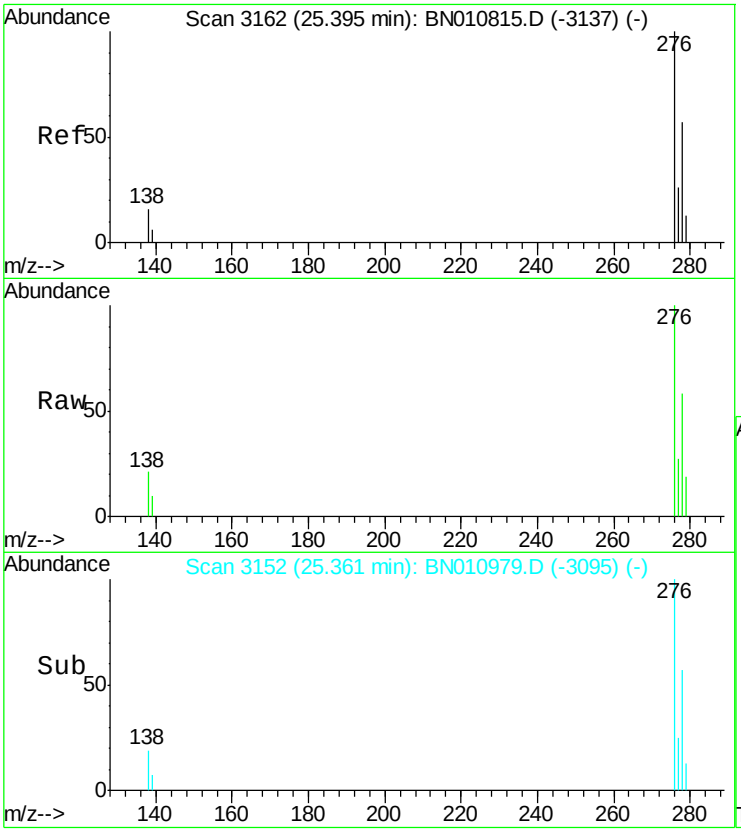


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.483 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:149 Resp: 3568

Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.1	36.1
279	4.8	4.6	7.0



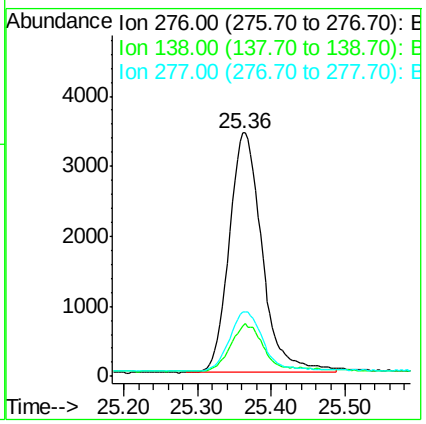


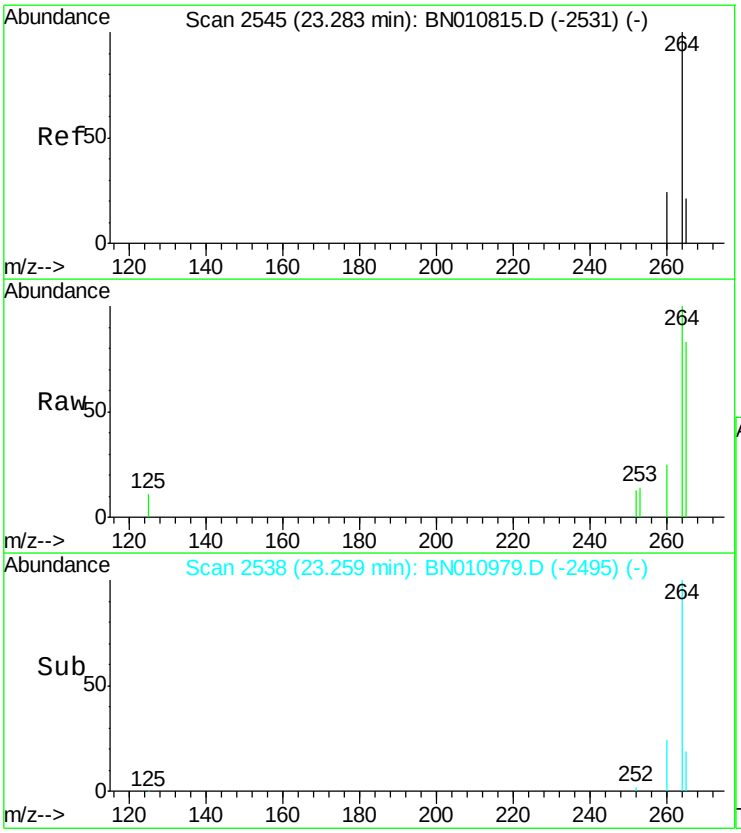
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.36 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:276 Resp: 10670

Ion	Ratio	Lower	Upper
276	100		
138	19.5	13.0	19.6
277	25.1	19.7	29.5

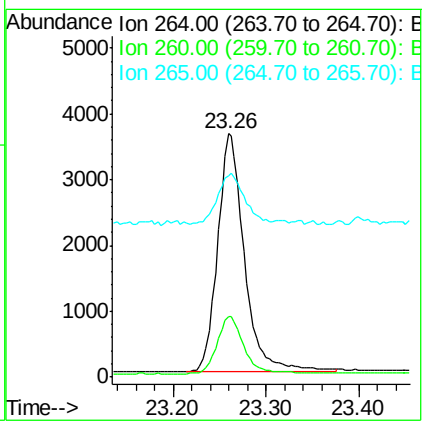


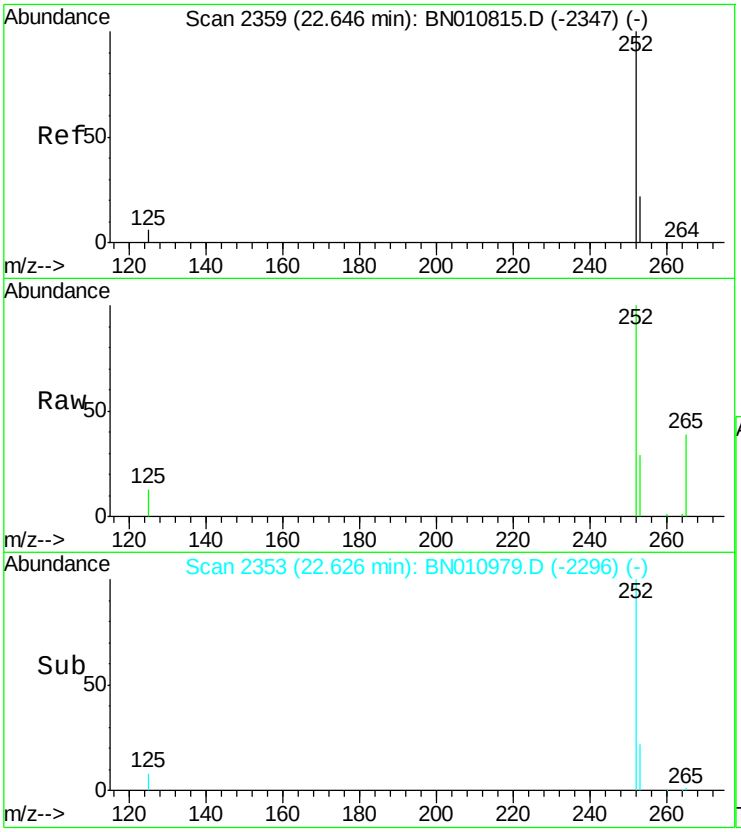


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:264 Resp: 7339

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	82.8	75.0	112.4



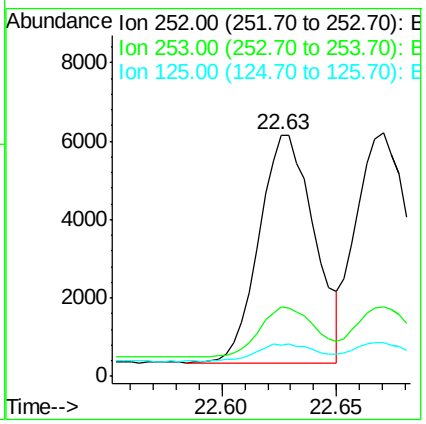


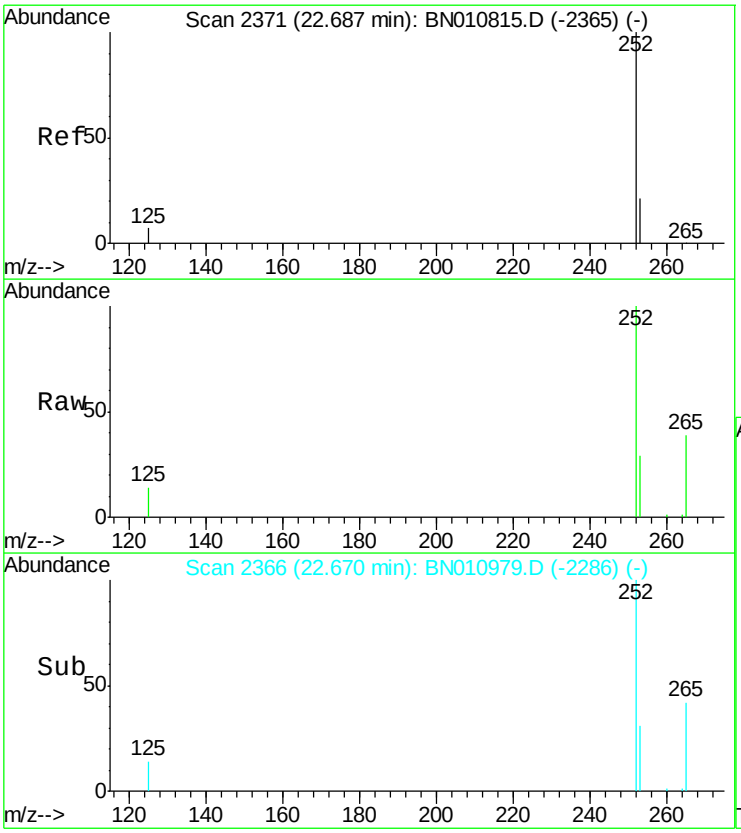
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.63 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:252 Resp: 9732

Ion	Ratio	Lower	Upper
252	100		
253	28.9	22.4	33.6
125	13.1	9.4	14.0

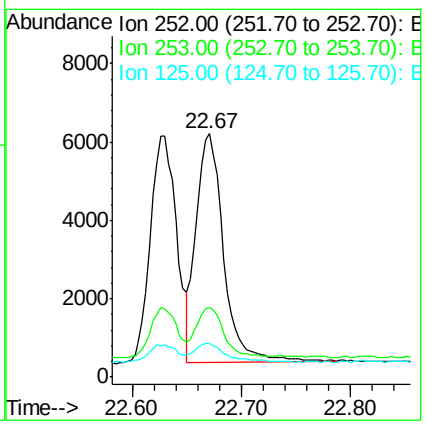


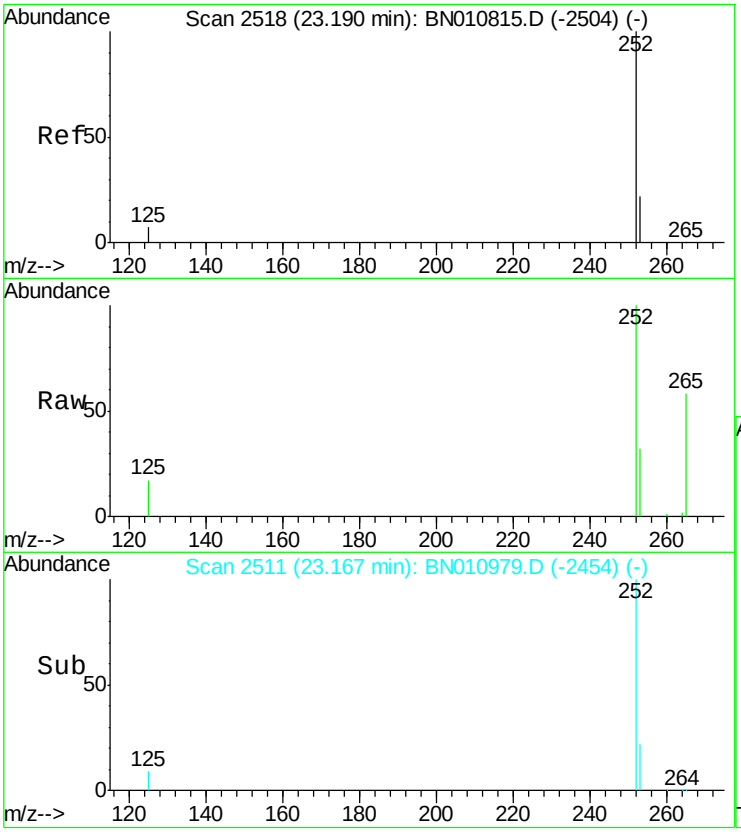


#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:252 Resp: 10141

Ion	Ratio	Lower	Upper
252	100		
253	28.8	22.2	33.4
125	13.6	9.8	14.8



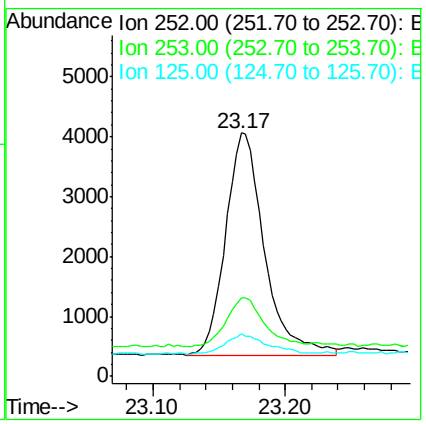


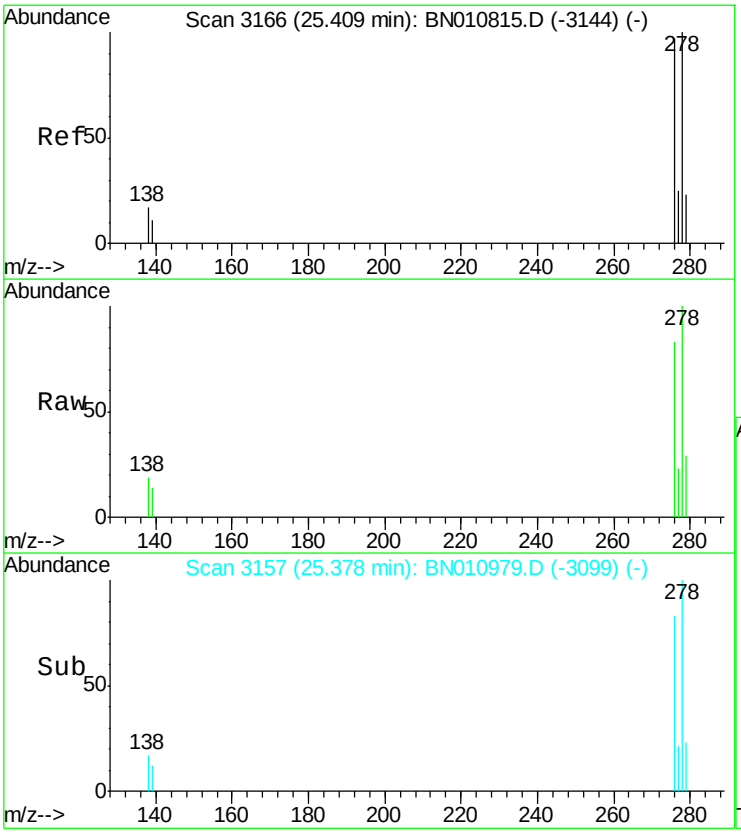
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.17 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:252 Resp: 7589

Ion	Ratio	Lower	Upper
252	100		
253	32.2	25.8	38.8
125	17.4	12.4	18.6

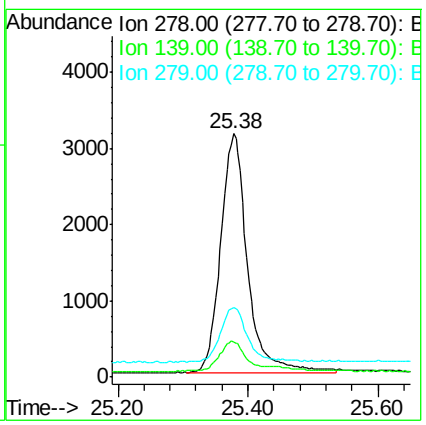


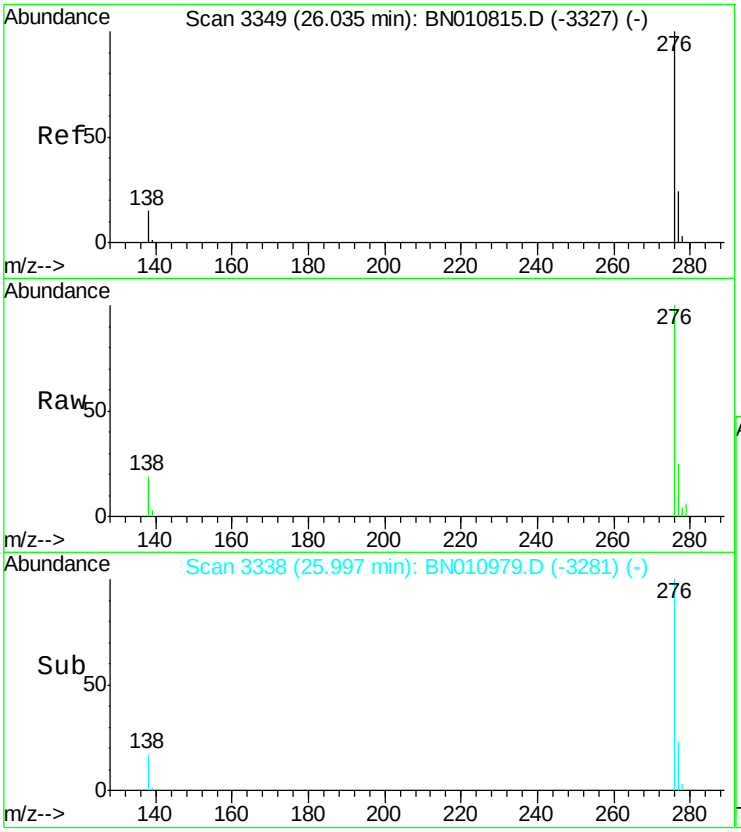


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Tgt Ion:278 Resp: 8987

Ion	Ratio	Lower	Upper
278	100		
139	14.5	10.6	15.8
279	28.6	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 26.00 min Scan# 3338
Delta R.T. -0.00 min
Lab File: BN010979.D
Acq: 19 Jun 2020 20:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:276 Resp: 9760

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.5	30.7
138	18.6	13.7	20.5