Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
Data File : BN011008.D
Acq On : 22 Jun 2020 14:28
Operator : CG/JU
Sample : L3043-12MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE139D2-20200616MSD

Quant Time: Jun 22 15:07:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2327	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	6964	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	4003	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7370	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	7575	0.40	ng		0.00
34) Perylene-d12	23.26	264	8382	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	588	0.13	ng		0.00
5) Phenol-d6	6.73	99	464	0.09	ng		0.00
8) Nitrobenzene-d5	8.67	82	2050	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	3430	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	318	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	6044	0.38	ng		-0.01
25) Fluoranthene-d10	18.94	212	7575	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	8823	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	2881	1.264	ng	#	96
3) n-Nitrosodimethylamine	3.53	42	142	0.107	ng	#	77
6) bis(2-Chloroethyl)ether	6.98	93	1503	0.291	ng		95
9) Naphthalene	10.33	128	5236	0.299	ng		99
10) Hexachlorobutadiene	10.62	225	1167	0.270	ng	#	99
12) 2-Methylnaphthalene	11.95	142	3474	0.297	ng		98
16) Acenaphthylene	13.87	152	4893	0.298	ng		99
17) Acenaphthene	14.21	154	3282	0.294	ng		99
18) Fluorene	15.21	166	4005	0.278	ng		98
20) 4-Bromophenyl-phenylether	16.10	248	1373	0.310	ng	#	78
21) Hexachlorobenzene	16.22	284	1505	0.326	ng		98
22) Pentachlorophenol	16.57	266	405	0.261	ng		98
23) Phenanthrene	16.94	178	7129	0.354	ng		99
24) Anthracene	17.04	178	5866	0.349	ng		99
26) Fluoranthene	18.97	202	8541	0.374	ng		100
28) Pyrene	19.34	202	8571	0.342	ng		100
30) Benzo(a)anthracene	21.10	228	8271	0.371	ng		99
31) Chrysene	21.15	228	9027	0.348	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	4292	0.578	ng		95
33) Indeno(1,2,3-cd)pyrene	25.36	276	11456	0.395	ng		97
35) Benzo(b)fluoranthene	22.63	252	10048	0.353	ng		99
36) Benzo(k)fluoranthene	22.67	252	11446	0.377	ng		99
37) Benzo(a)pyrene	23.17	252	7881	0.322	ng		99
38) Dibenzo(a,h)anthracene	25.38	278	9424	0.338	ng		98
39) Benzo(g,h,i)perylene	26.00	276	10102	0.347	ng		99

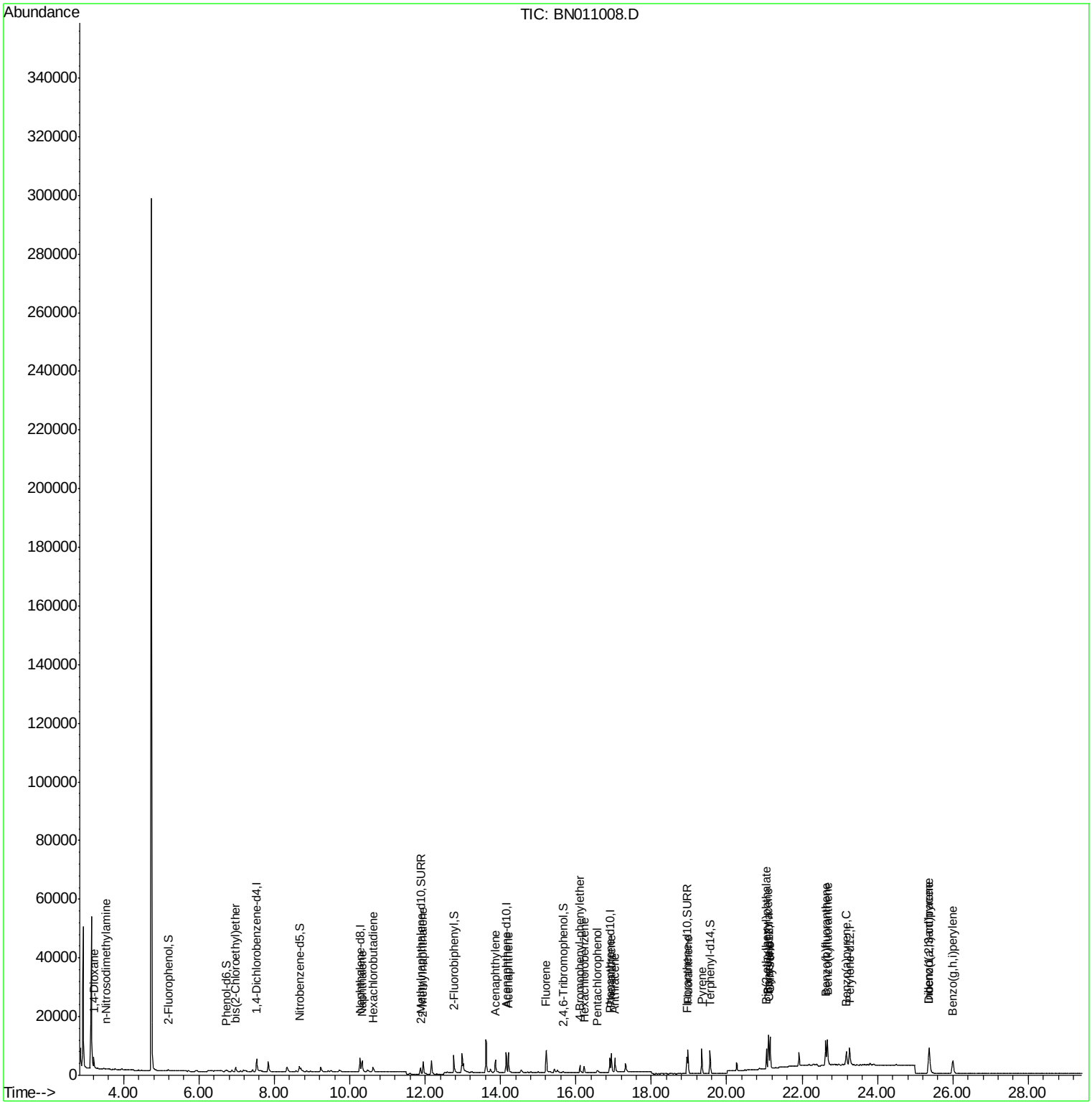
(#) = qualifier out of range (m) = manual integration (+) = signals summed

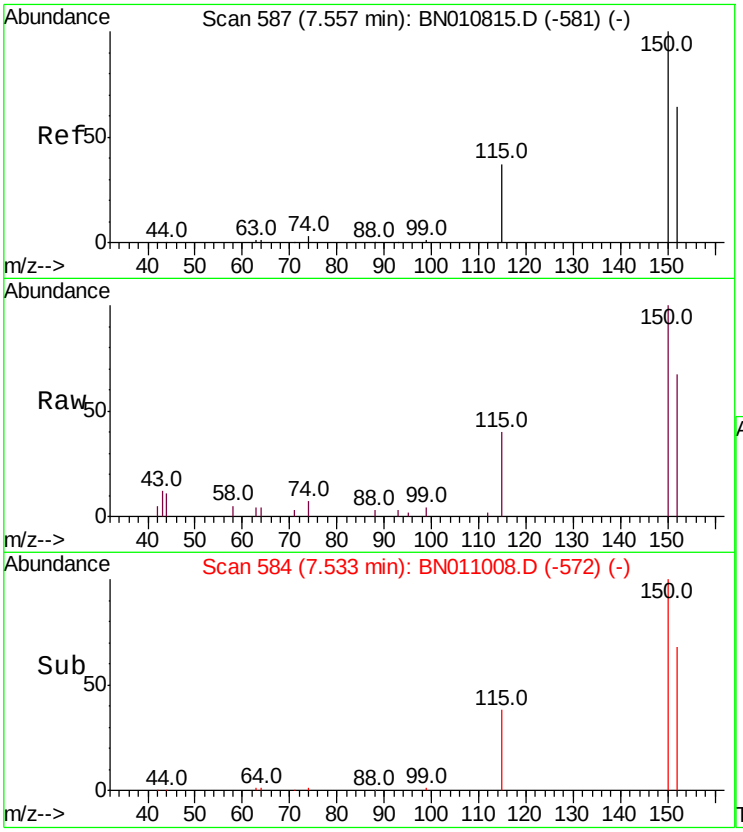
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
Data File : BN011008.D
Acq On : 22 Jun 2020 14:28
Operator : CG/JU
Sample : L3043-12MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Quant Time: Jun 22 15:07:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



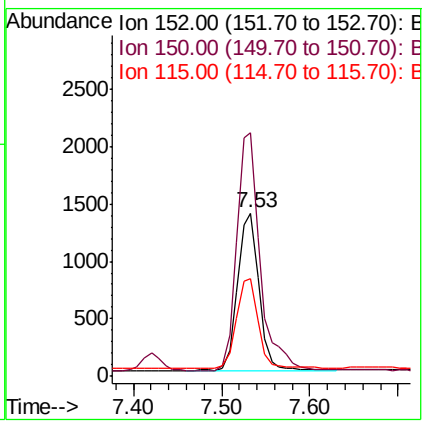


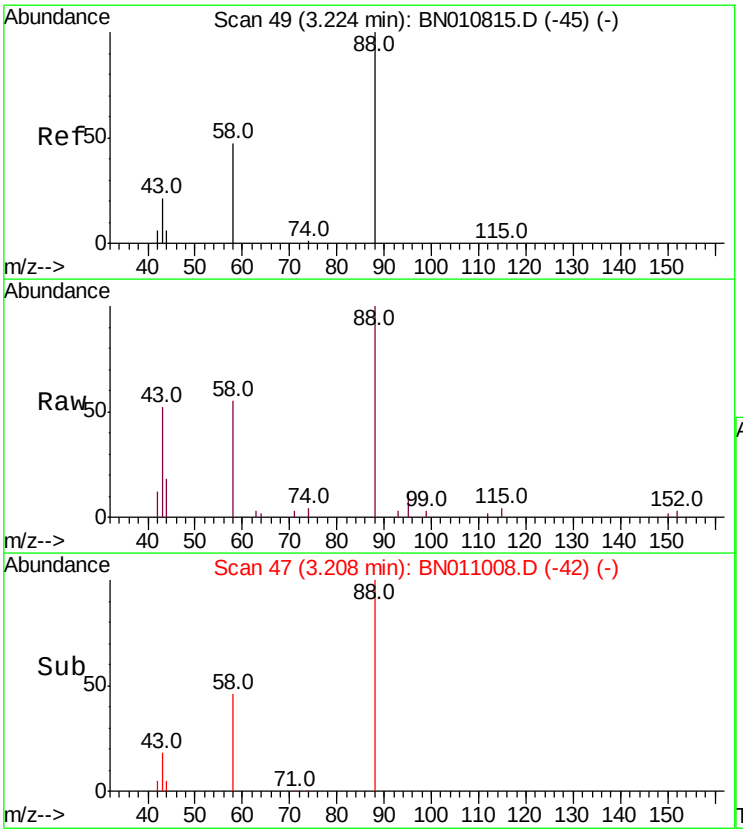
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:152 Resp: 2327

Ion	Ratio	Lower	Upper
152	100		
150	148.9	123.8	185.6
115	59.7	49.2	73.8

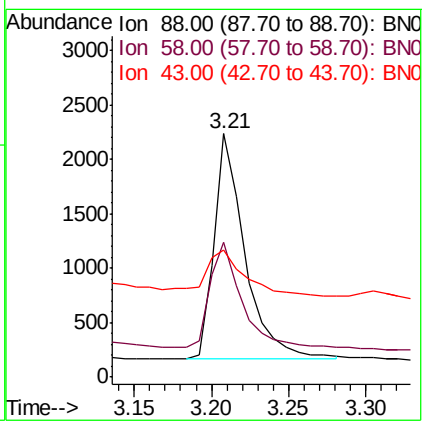


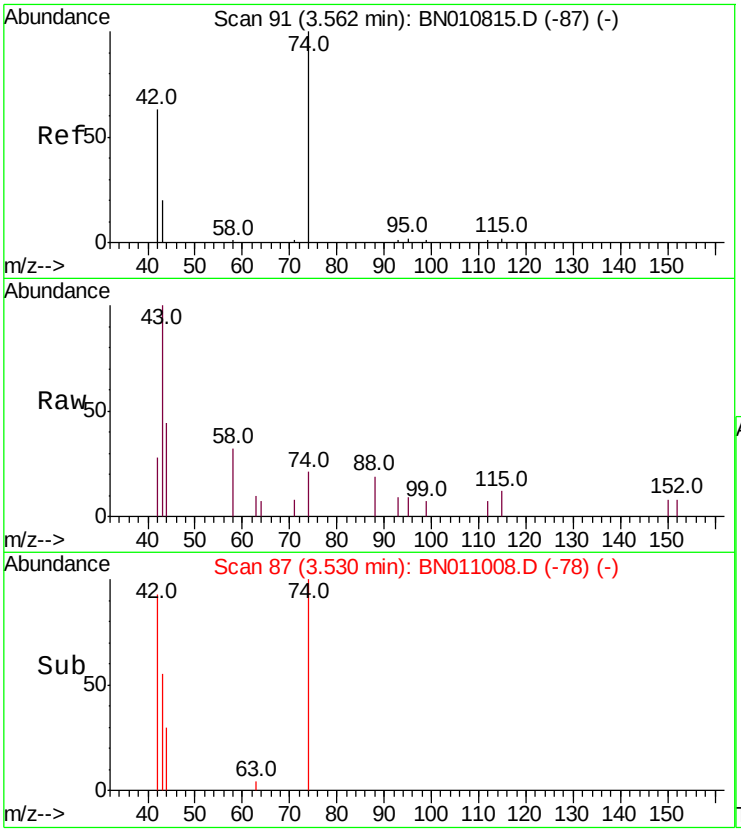


#2
1,4-Dioxane
Concen: 1.264 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion: 88 Resp: 2881

Ion	Ratio	Lower	Upper
88	100		
58	47.3	38.2	57.4
43	25.2	15.1	22.7#



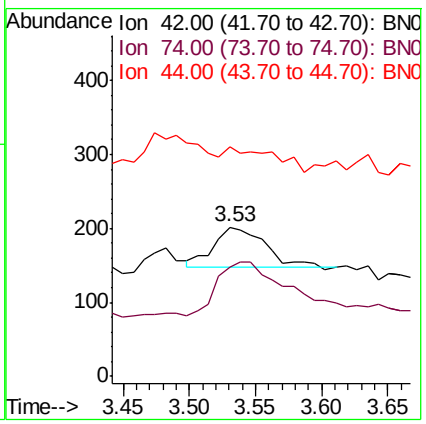


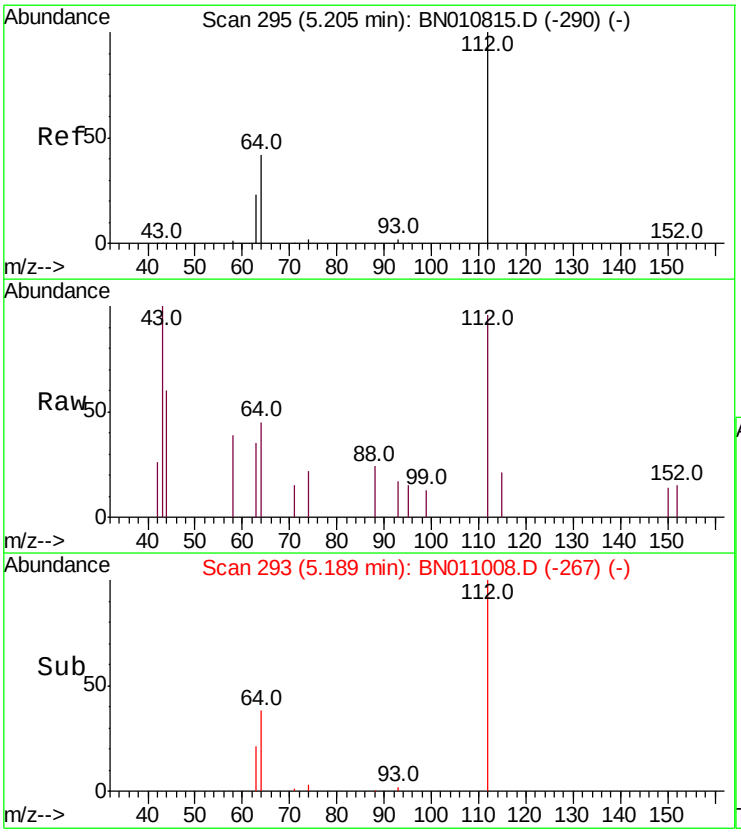
#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.02 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion: 42 Resp: 142

Ion	Ratio	Lower	Upper
42	100		
74	208.5	140.7	211.1
44	0.0	1.4	2.2#

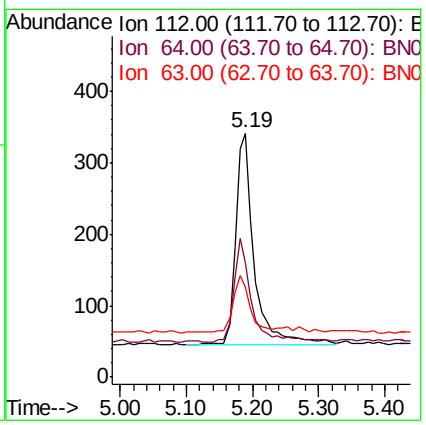


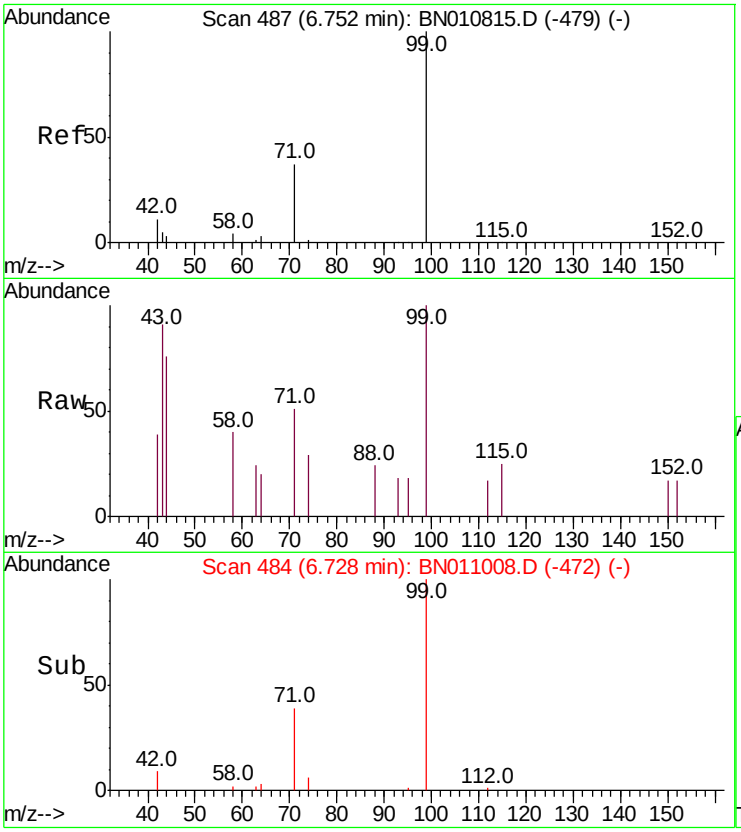


#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:112 Resp: 588

Ion	Ratio	Lower	Upper
112	100		
64	45.1	37.4	56.0
63	23.5	22.2	33.4



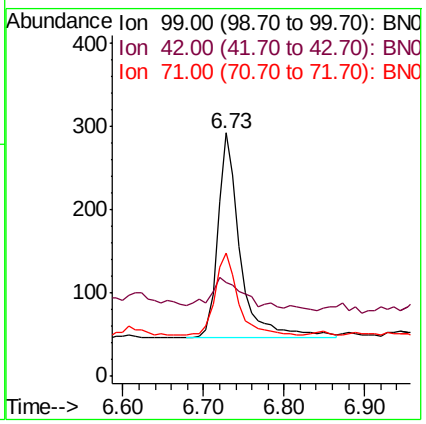


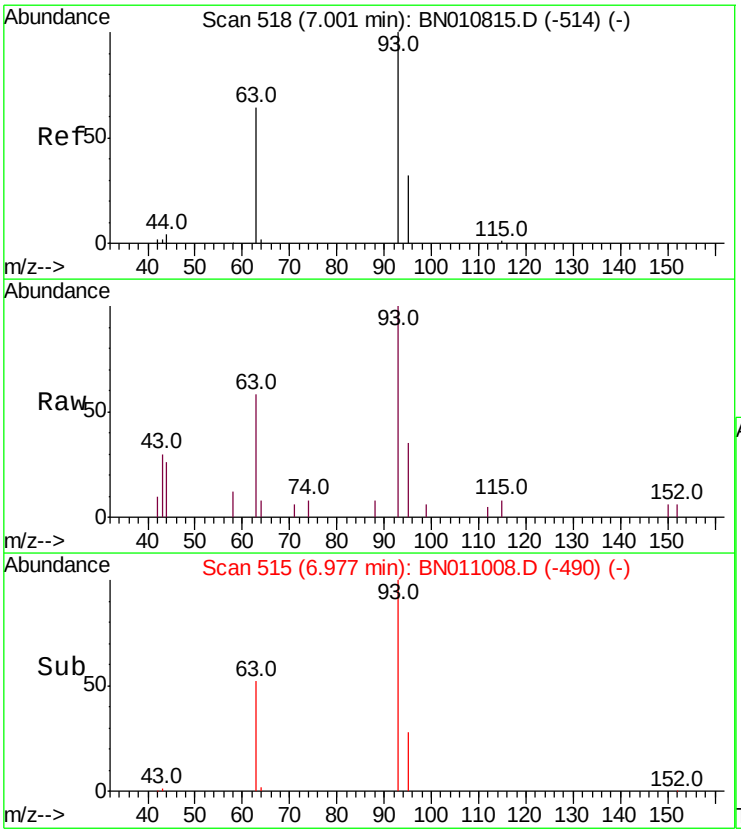
#5
Phenol-d6
Concen: 0.088 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion: 99 Resp: 464

Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.1	16.7#
71	39.9	31.4	47.2

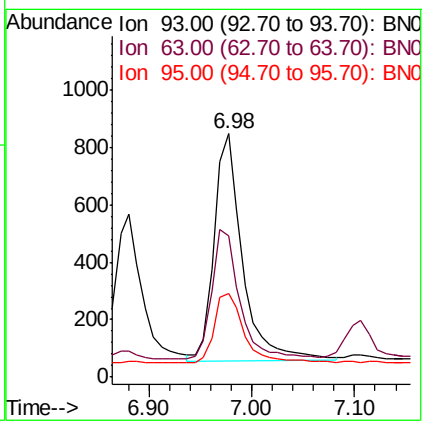


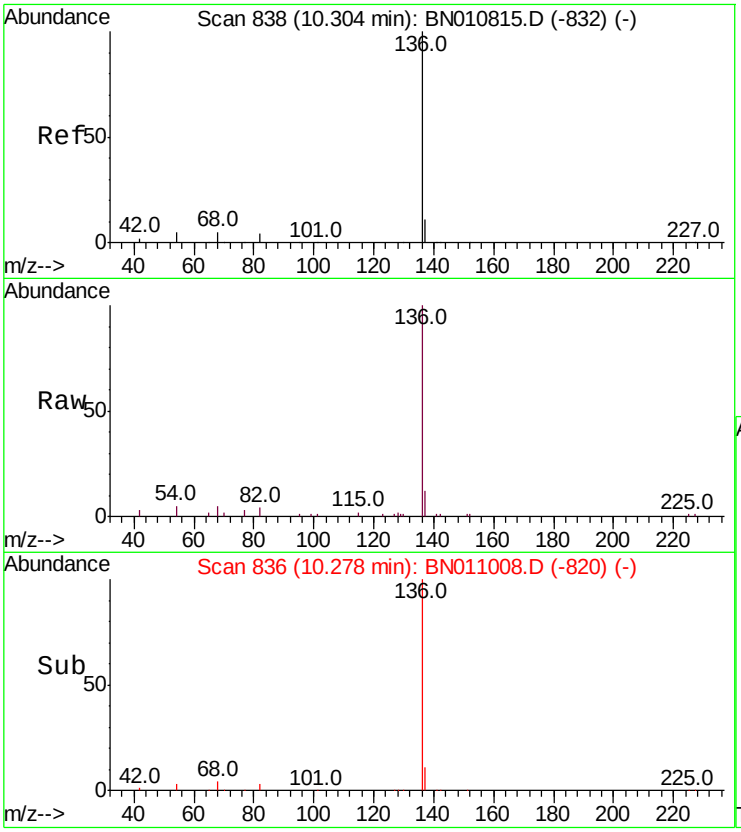


#6
bis(2-Chloroethyl)ether
Concen: 0.291 ng
RT: 6.98 min Scan# 515
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion: 93 Resp: 1503

Ion	Ratio	Lower	Upper
93	100		
63	56.9	49.4	74.2
95	32.8	26.7	40.1



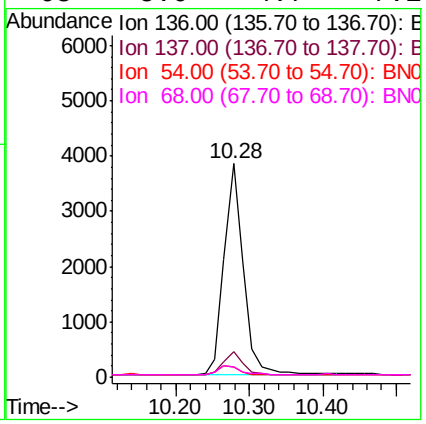


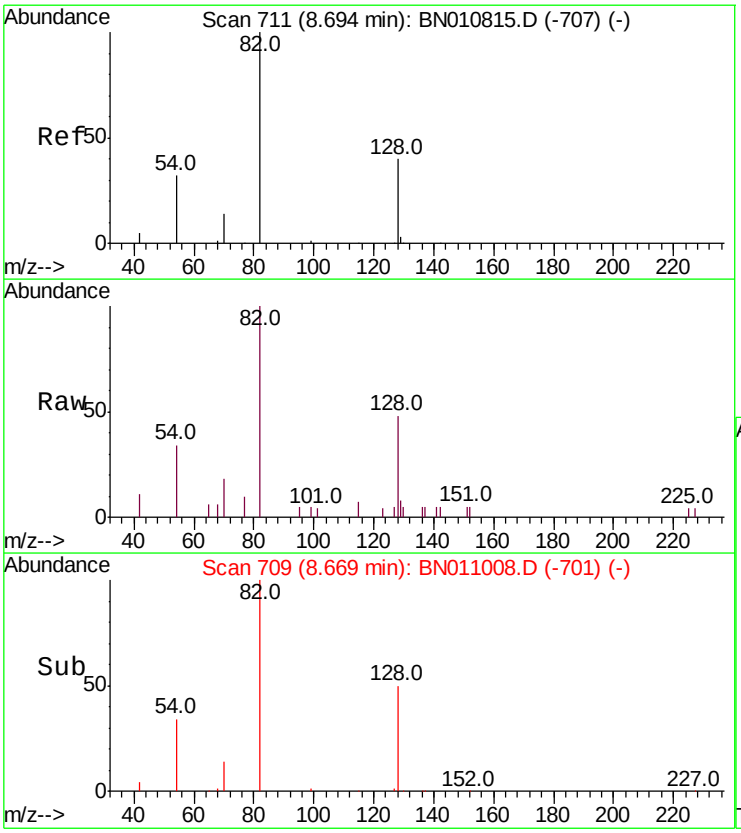
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:136 Resp: 6964

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	4.7	4.9	7.3#
68	5.0	4.7	7.1

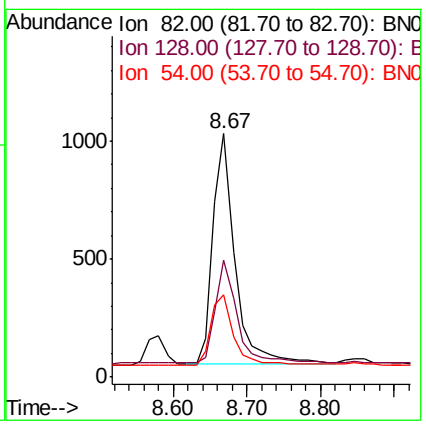


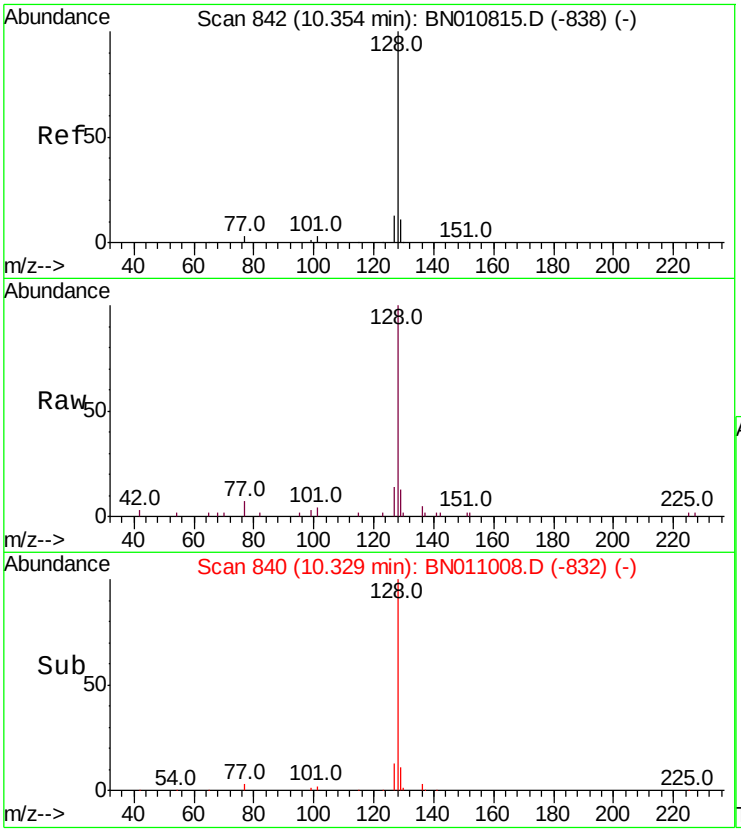


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion: 82 Resp: 2050

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.4	53.0
54	33.8	28.2	42.4



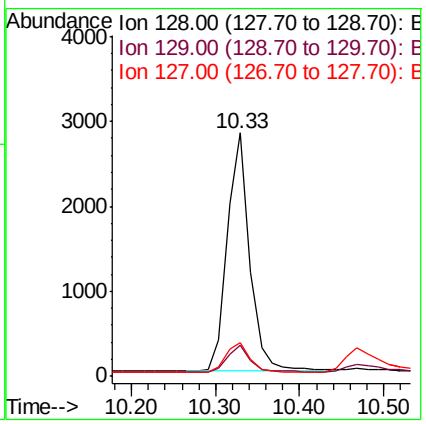


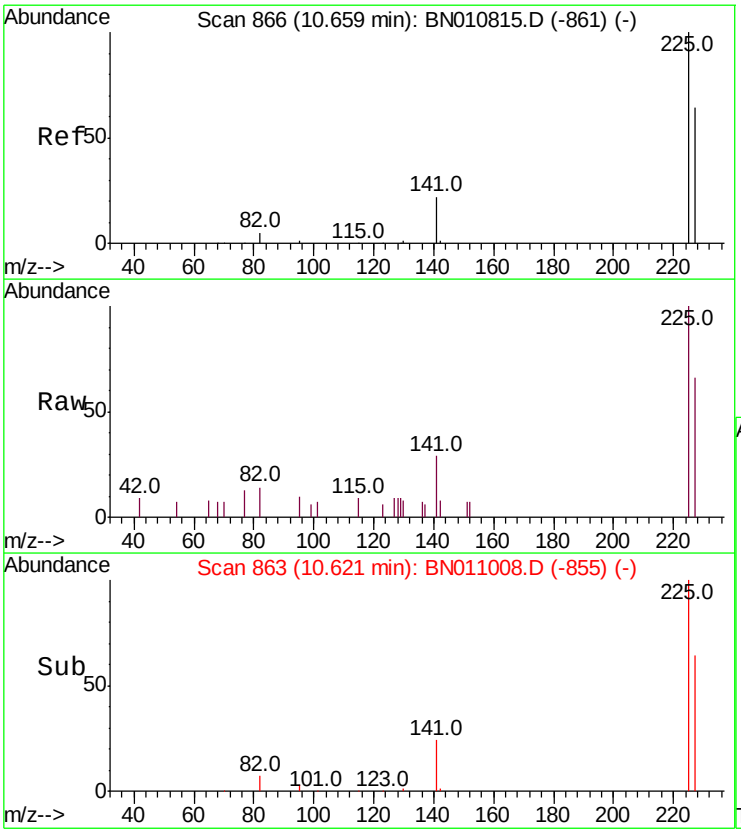
#9
Naphthalene
Concen: 0.299 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:128 Resp: 5236

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	14.0	11.4	17.2

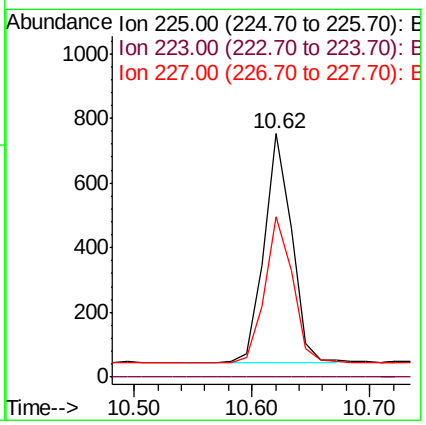


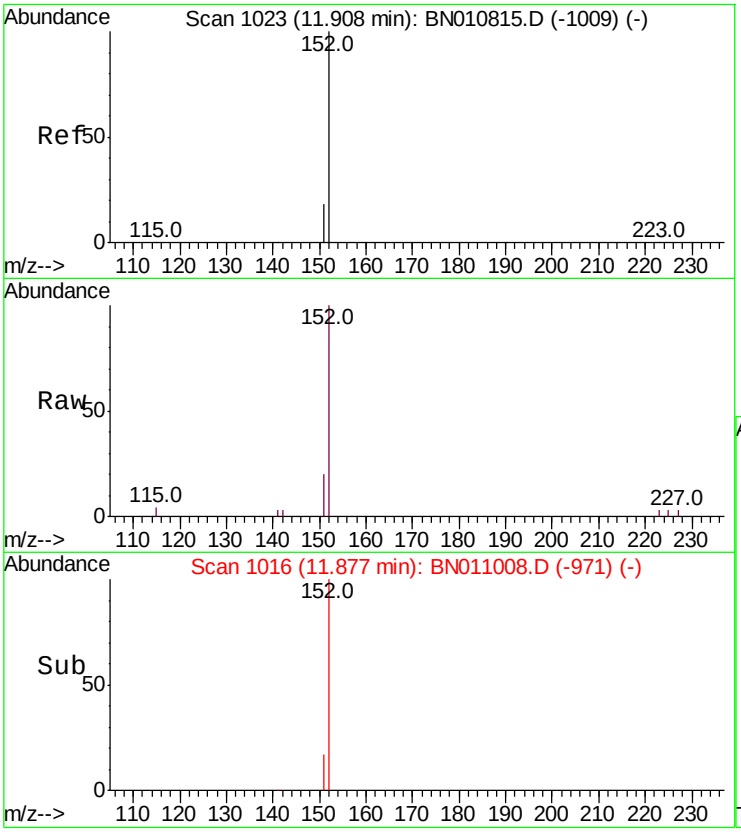


#10
Hexachlorobutadiene
Concen: 0.270 ng
RT: 10.62 min Scan# 863
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:225 Resp: 1167

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.5	75.7



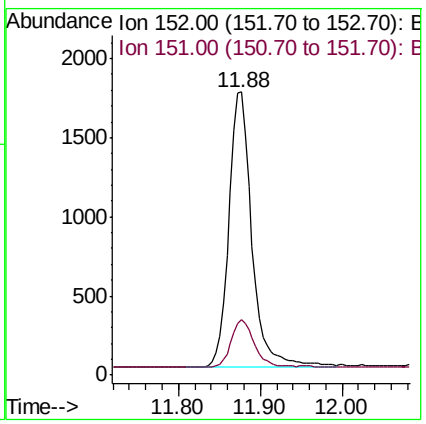


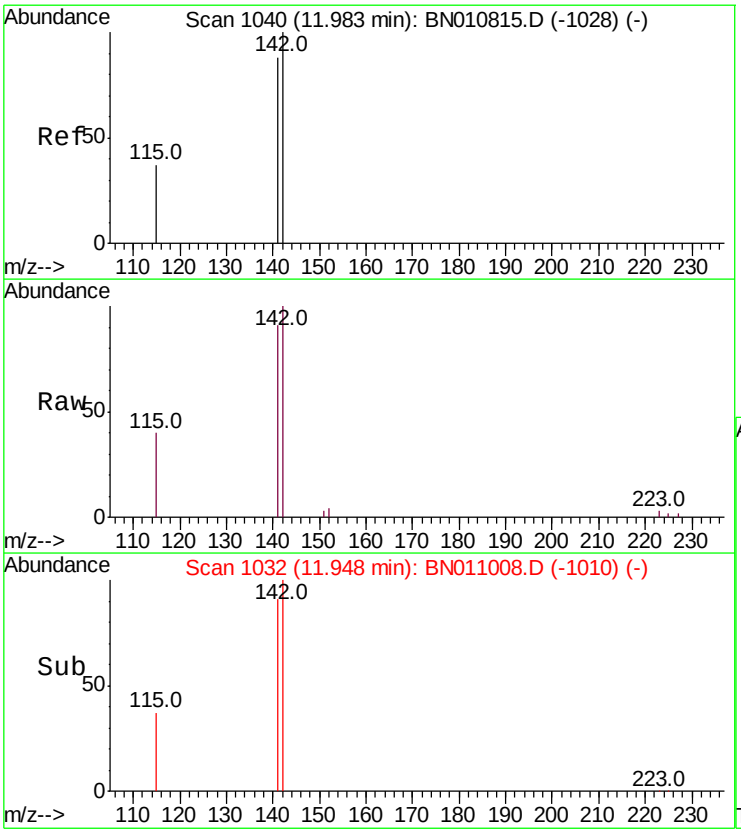
#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:152 Resp: 3430

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.3	22.9

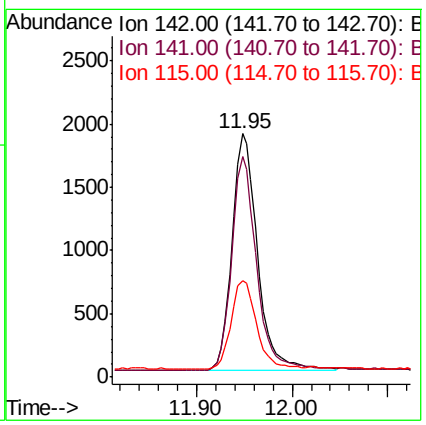


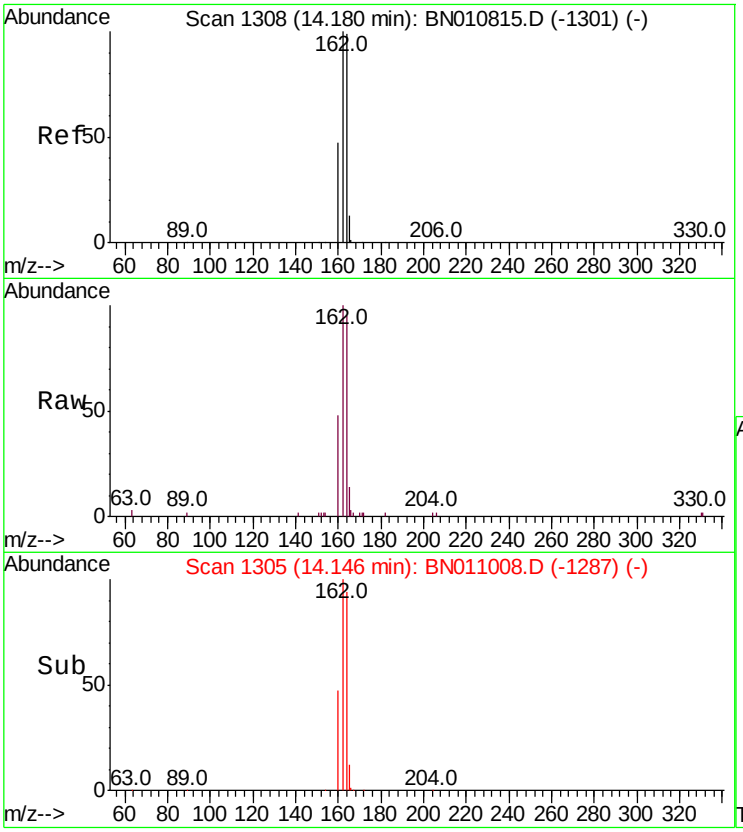


#12
2-Methylnaphthalene
Concen: 0.297 ng
RT: 11.95 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:142 Resp: 3474

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	39.7	31.5	47.3



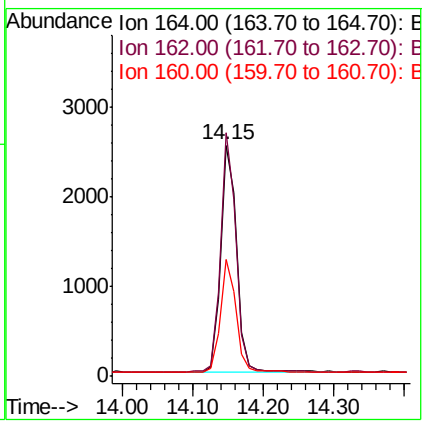


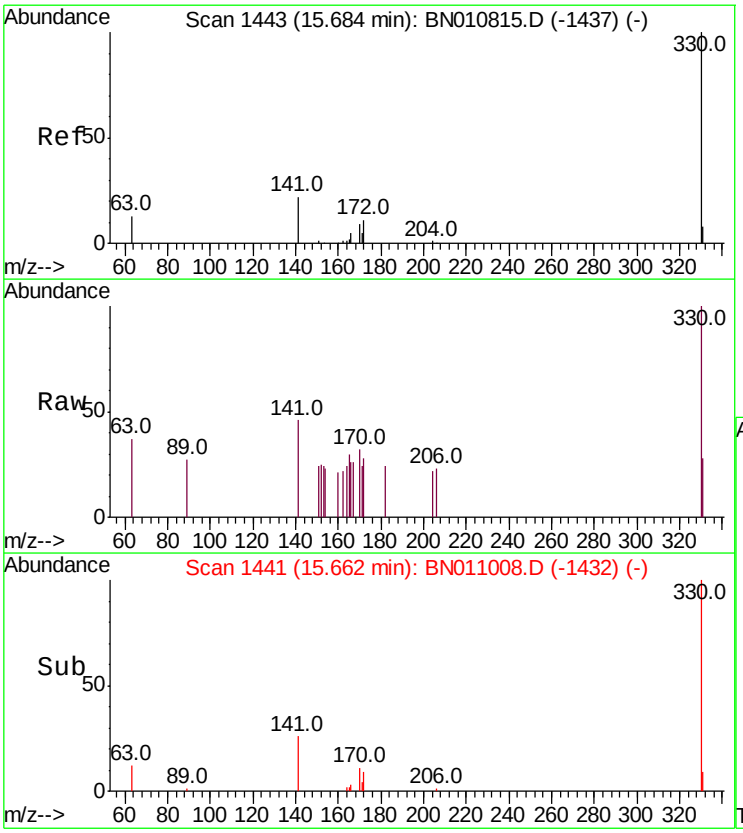
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:164 Resp: 4003

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.0	121.6
160	50.4	38.9	58.3

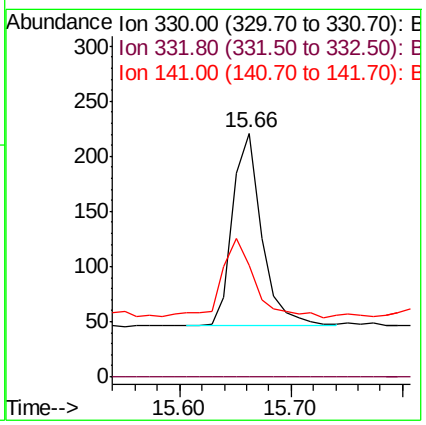


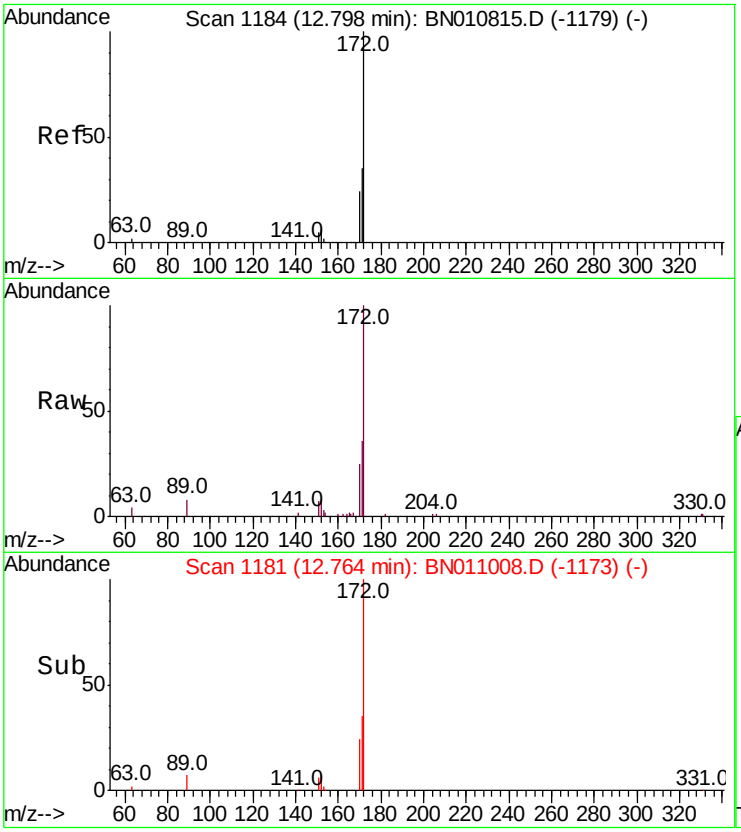


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:330 Resp: 318

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.3	33.2	49.8



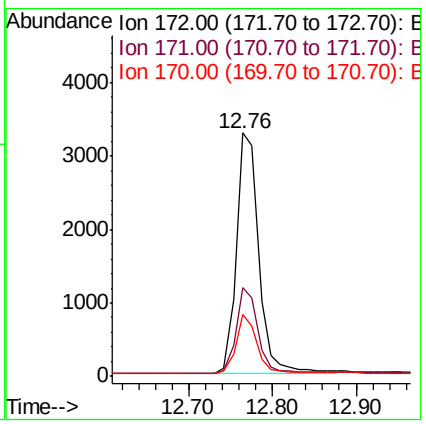


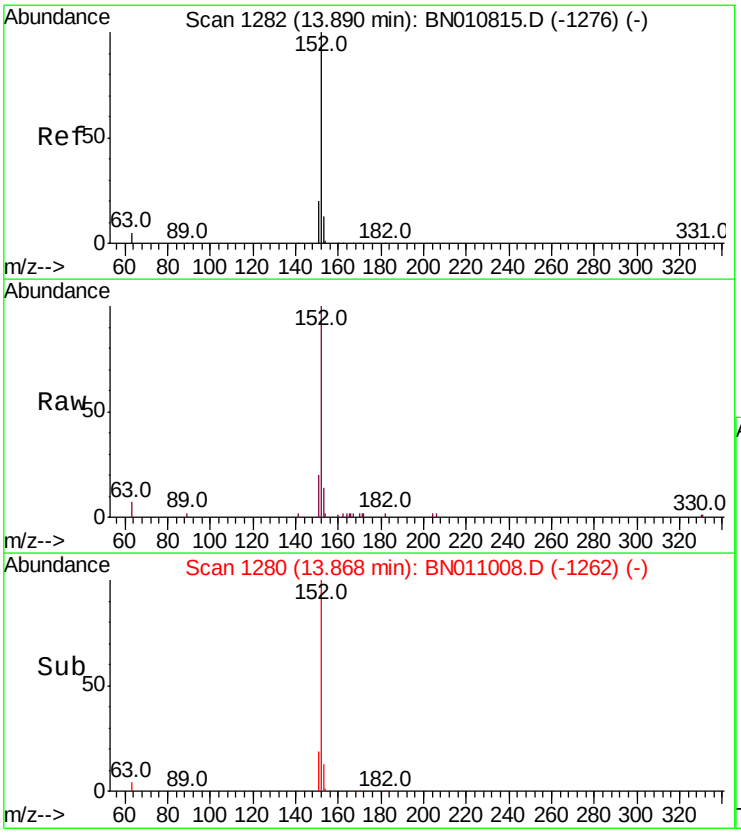
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:172 Resp: 6044

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	25.2	19.7	29.5

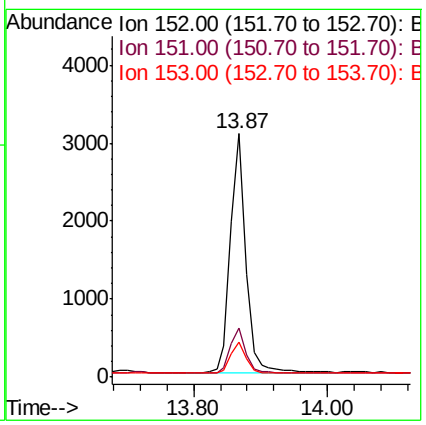


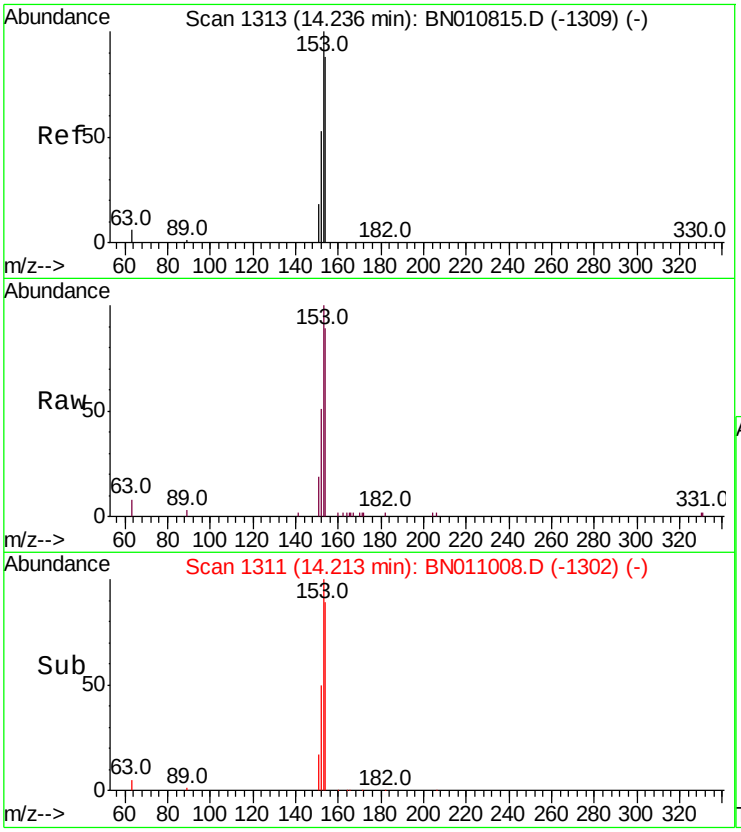


#16
Acenaphthylene
Concen: 0.298 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:152 Resp: 4893

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.9	10.6	16.0



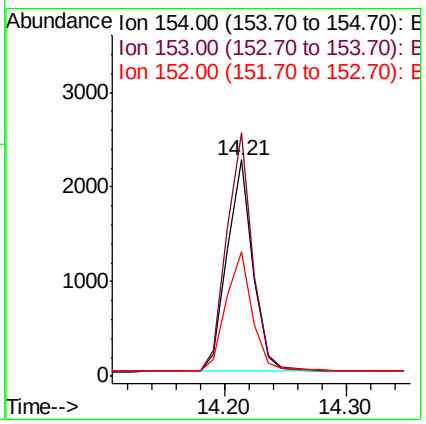


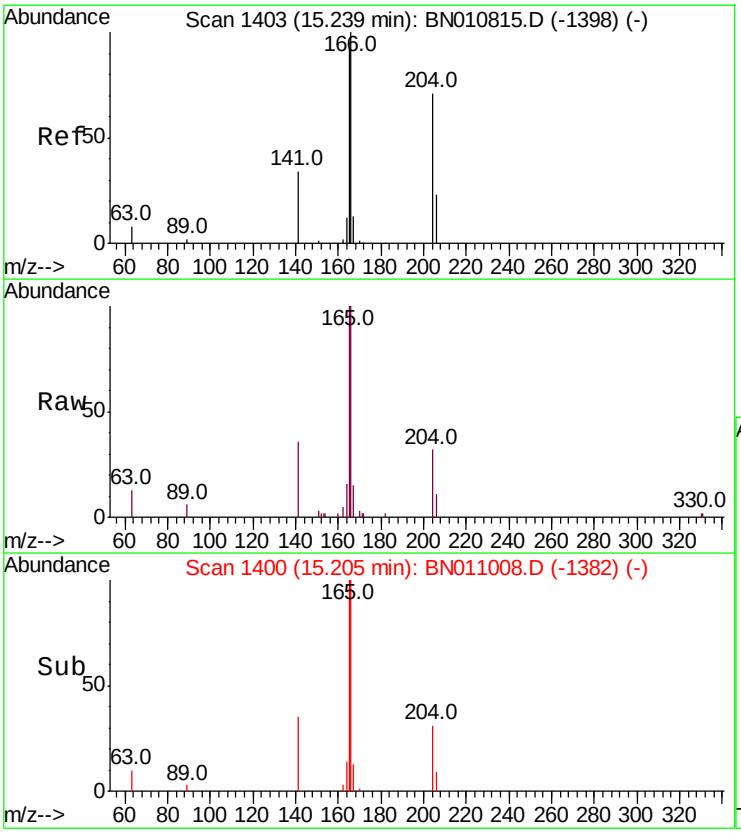
#17
Acenaphthene
Concen: 0.294 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:154 Resp: 3282

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.8	137.6
152	57.8	47.6	71.4

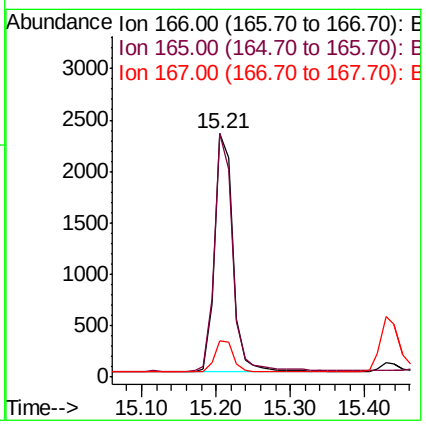


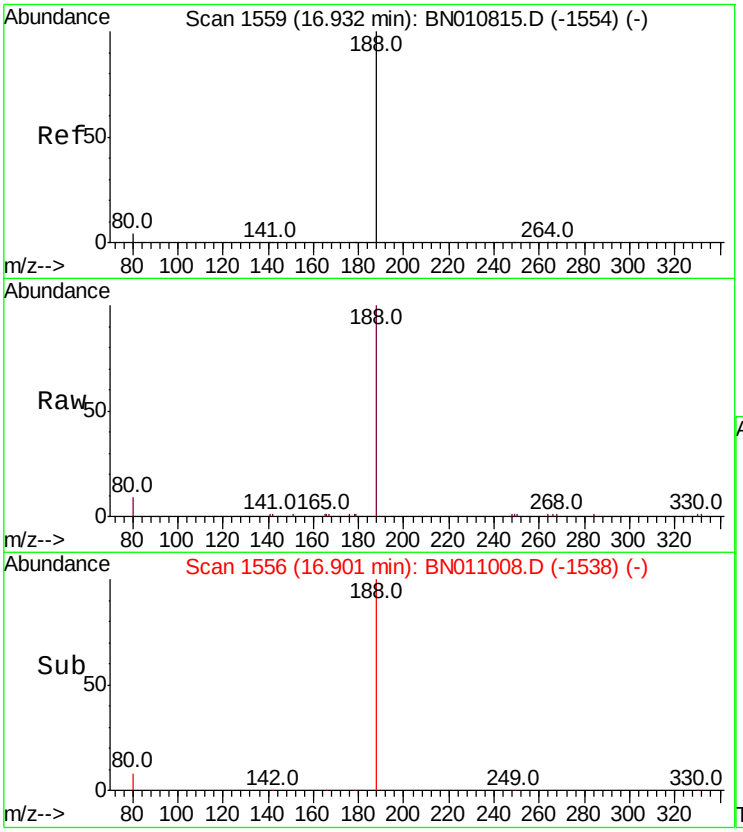


#18
Fluorene
Concen: 0.278 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:166 Resp: 4005

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	13.9	10.7	16.1



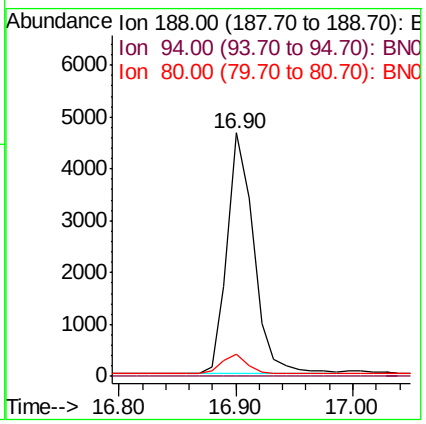


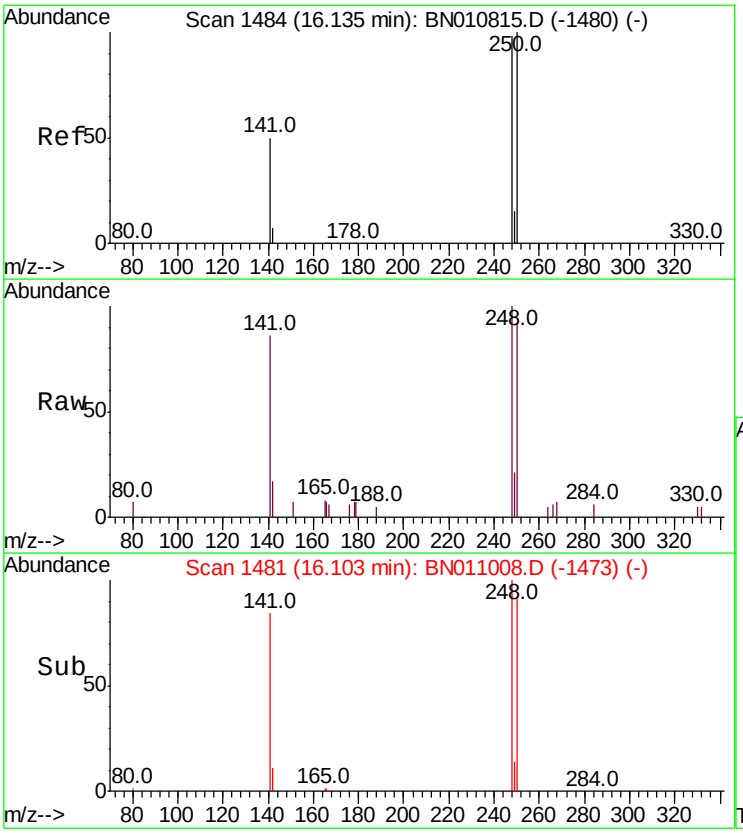
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:188 Resp: 7370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#

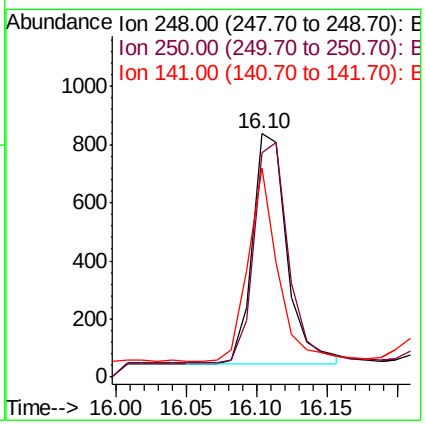


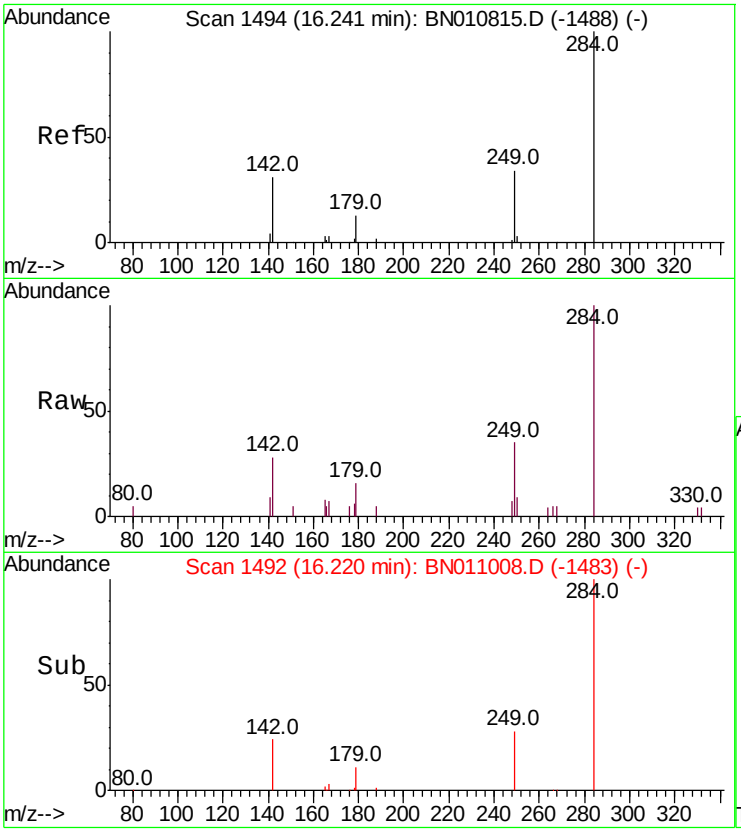


#20
4-Bromophenyl-phenylether
Concen: 0.310 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:248 Resp: 1373

Ion	Ratio	Lower	Upper
248	100		
250	92.0	81.8	122.8
141	85.9	42.6	64.0#



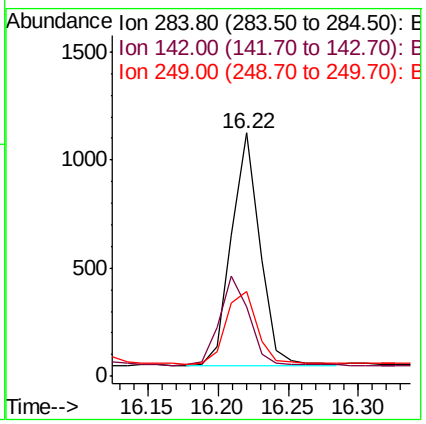


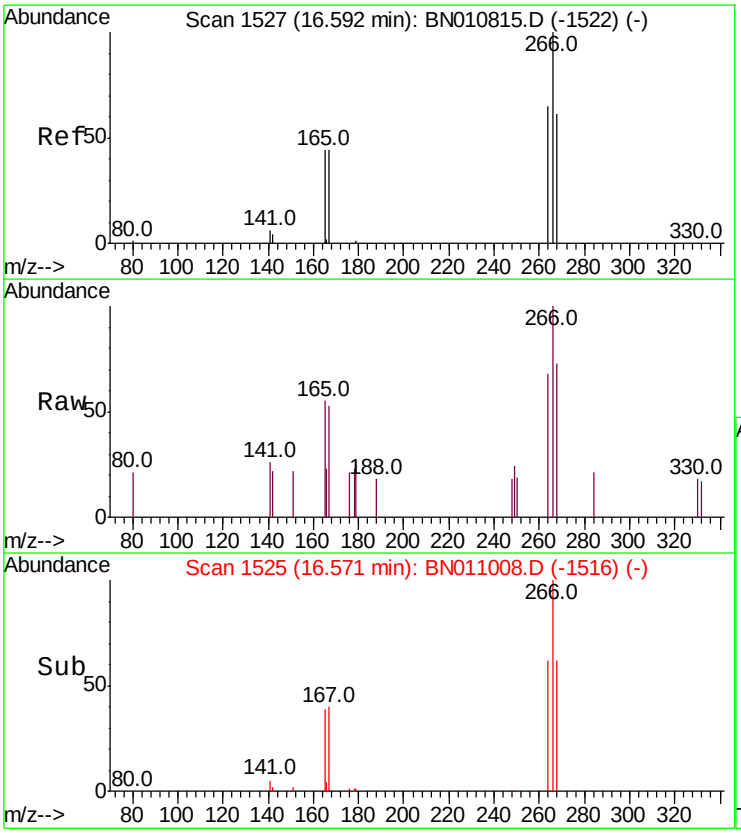
#21
Hexachlorobenzene
Concen: 0.326 ng
RT: 16.22 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:284 Resp: 1505

Ion	Ratio	Lower	Upper
284	100		
142	40.4	31.0	46.4
249	34.6	27.1	40.7

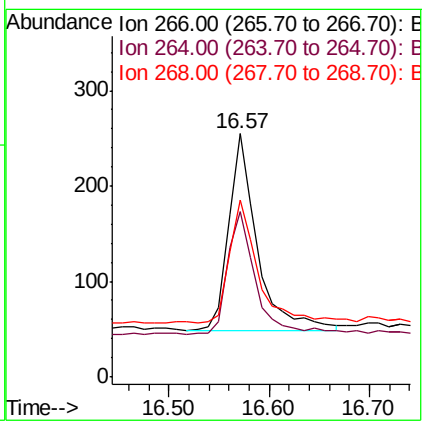


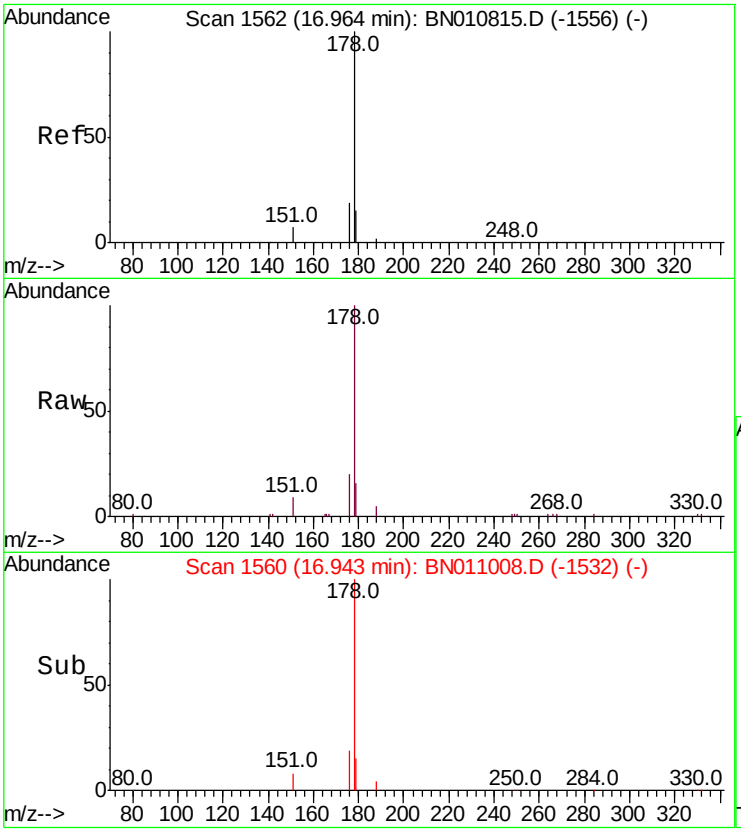


#22
Pentachlorophenol
Concen: 0.261 ng
RT: 16.57 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:266 Resp: 405

Ion	Ratio	Lower	Upper
266	100		
264	67.8	54.8	82.2
268	72.5	55.9	83.9



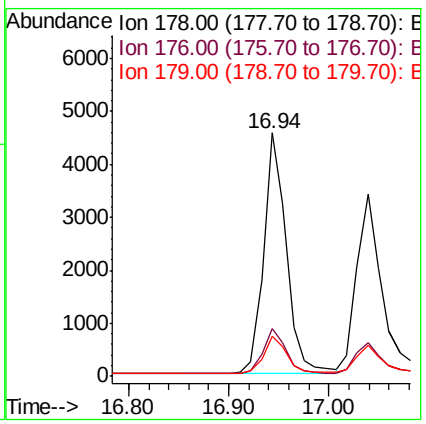


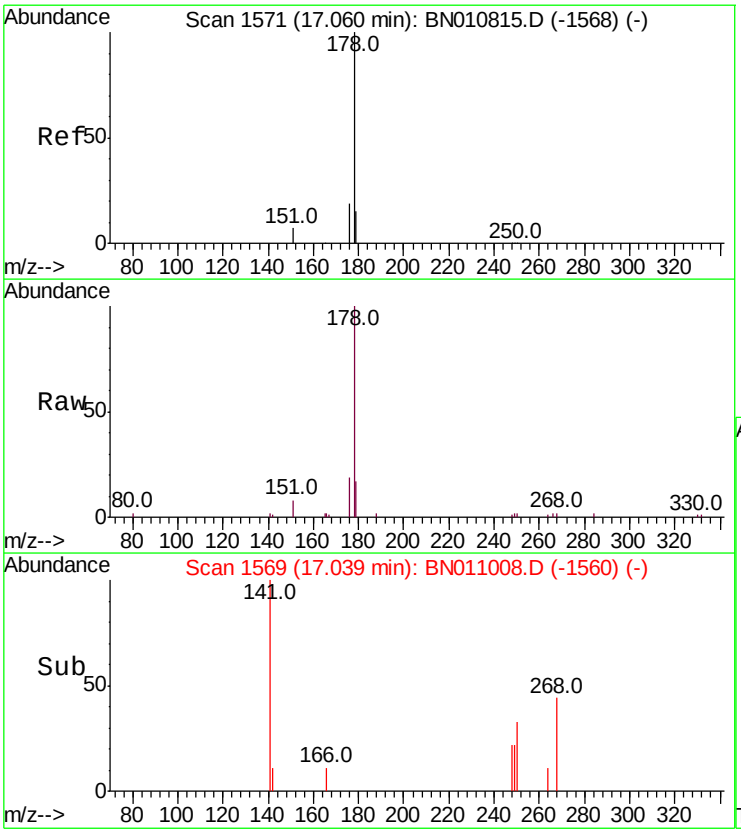
#23
Phenanthrene
Concen: 0.354 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:178 Resp: 7129

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.6	19.0

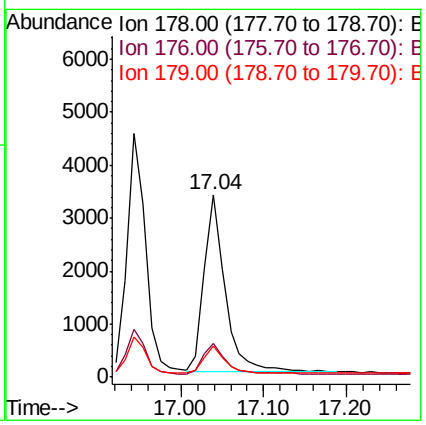


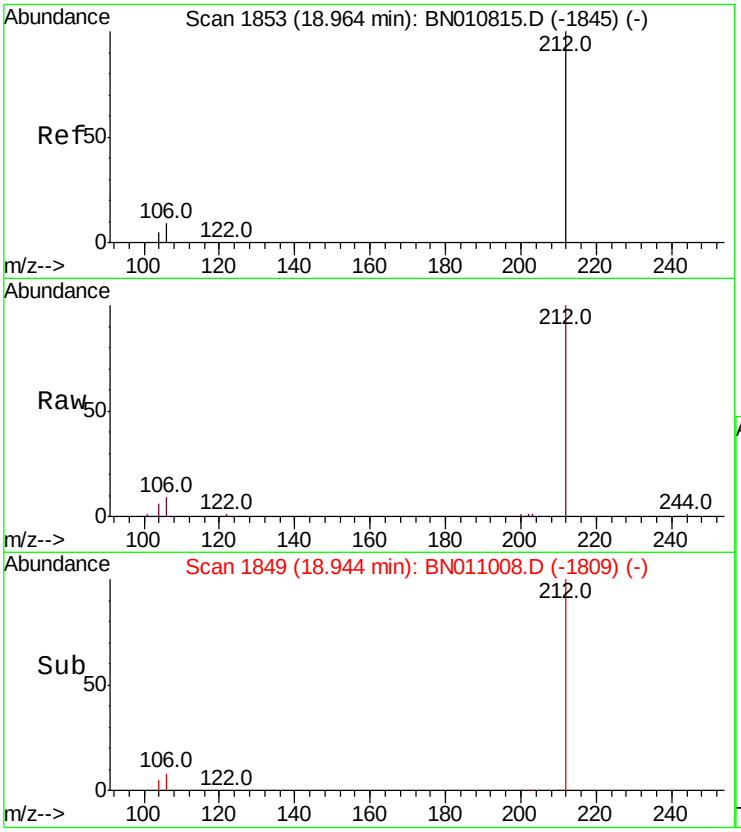


#24
Anthracene
Concen: 0.349 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:178 Resp: 5866

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.3	12.3	18.5



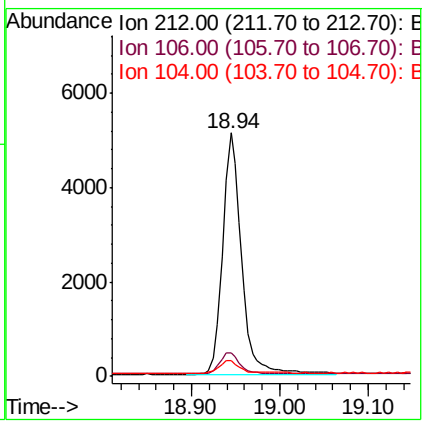


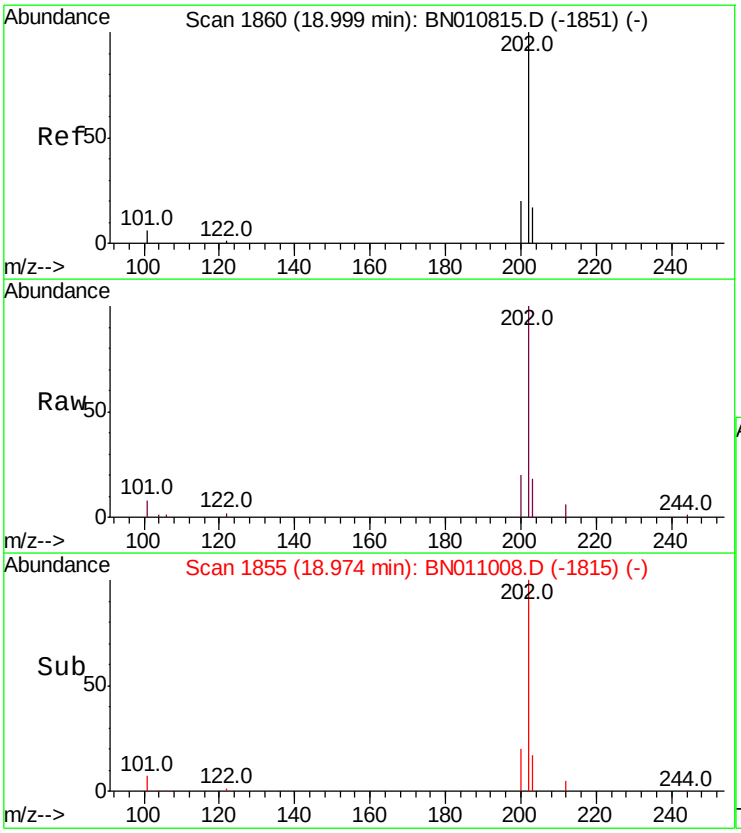
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.94 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:212 Resp: 7575

Ion	Ratio	Lower	Upper
212	100		
106	8.9	6.6	10.0
104	5.2	4.0	6.0

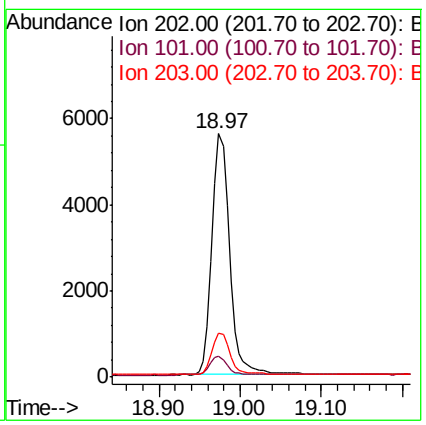


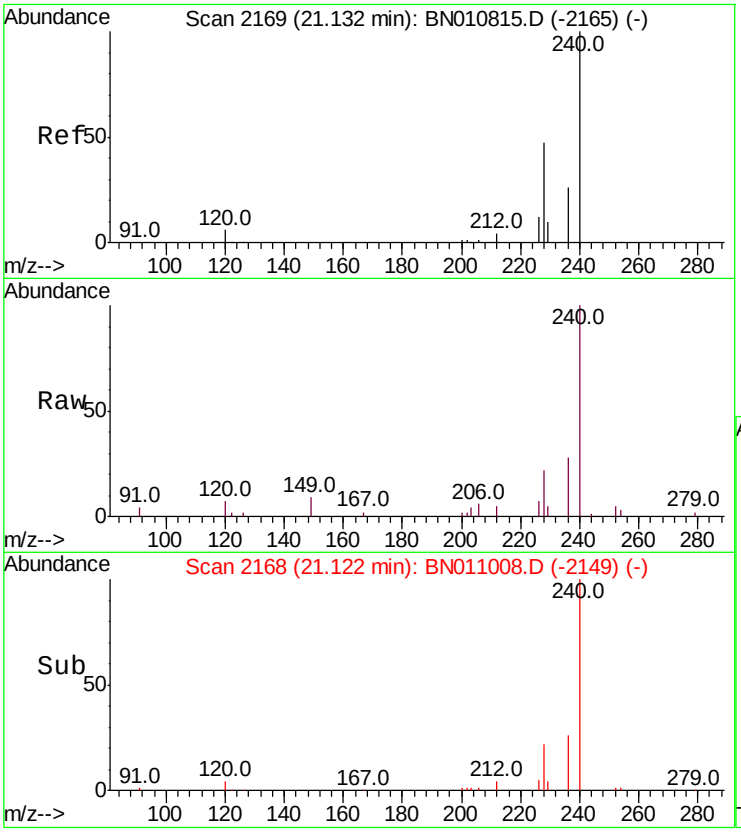


#26
Fluoranthene
Concen: 0.374 ng
RT: 18.97 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:202 Resp: 8541

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.8	8.6
203	17.1	13.7	20.5



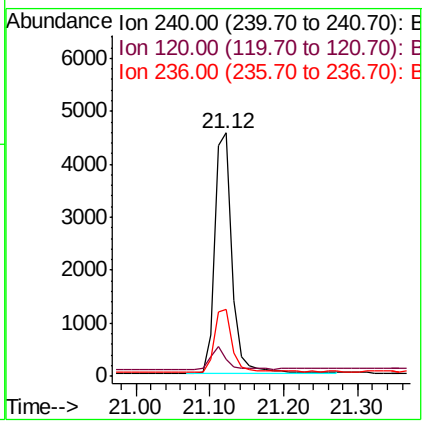


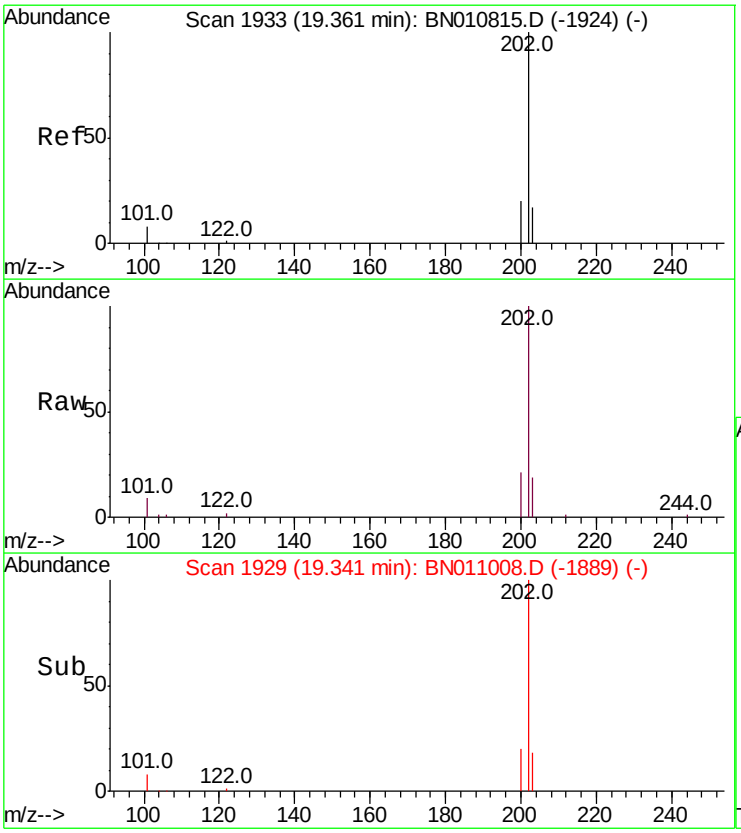
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:240 Resp: 7575

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.5	11.3#
236	27.8	22.3	33.5

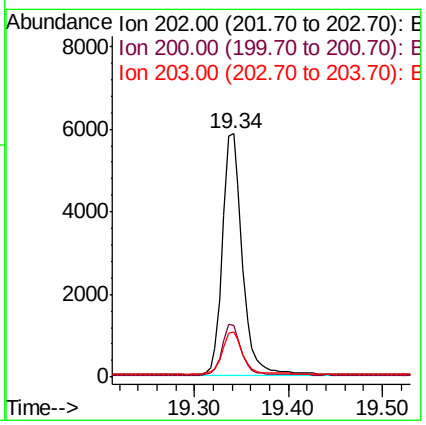


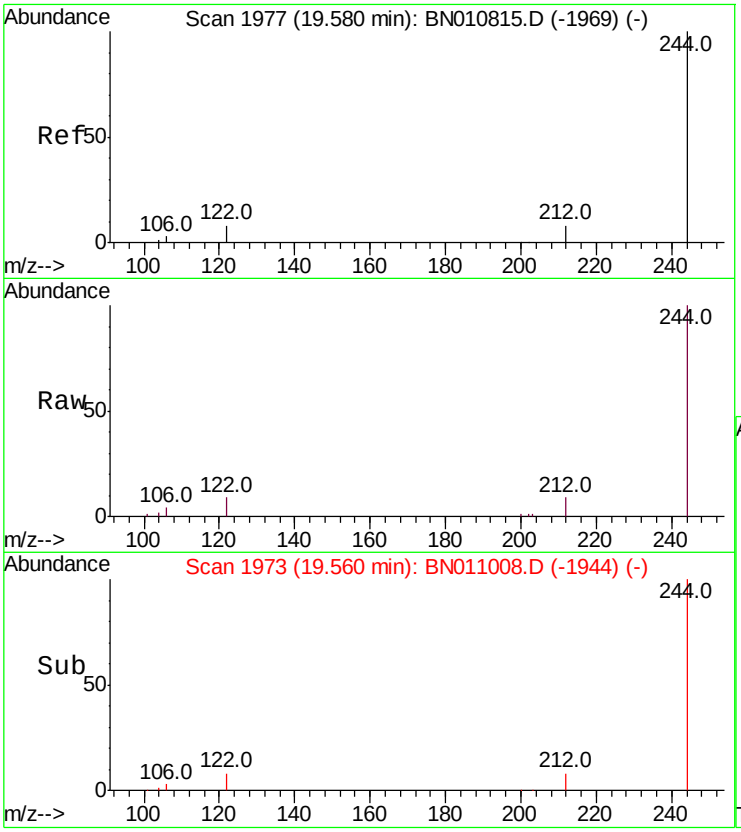


#28
Pyrene
Concen: 0.342 ng
RT: 19.34 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:202 Resp: 8571

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	18.1	14.2	21.4



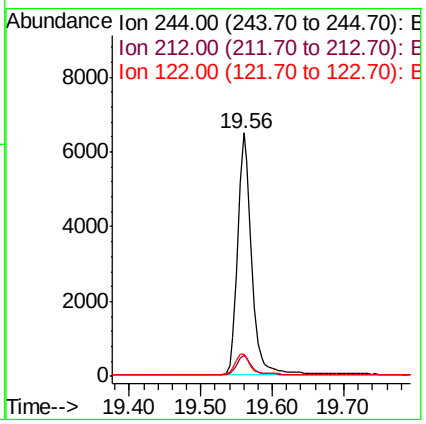


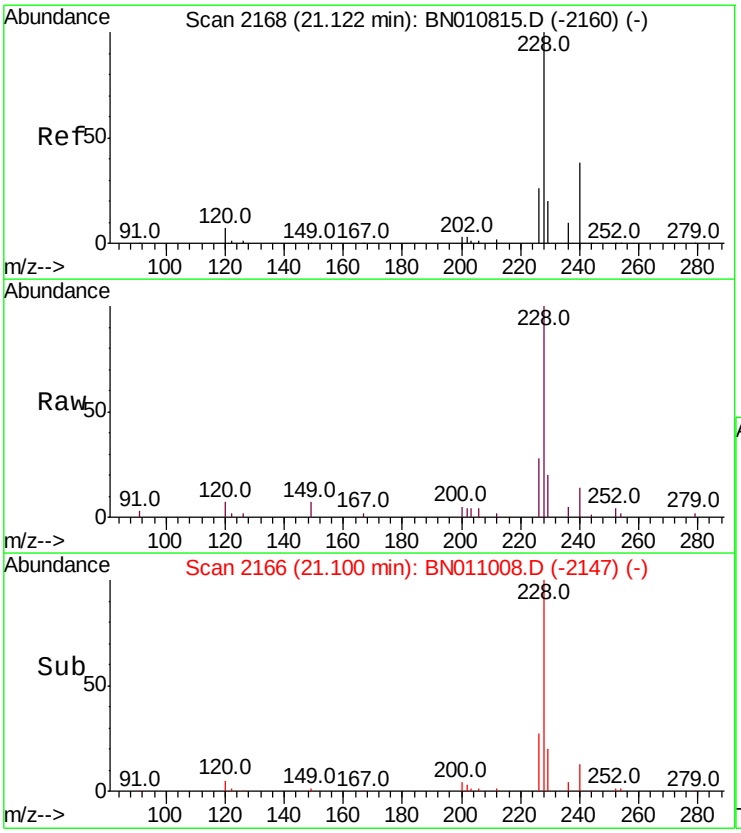
#29
Terphenyl-d14
Concen: 0.498 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:244 Resp: 8823

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	9.2	7.5	11.3

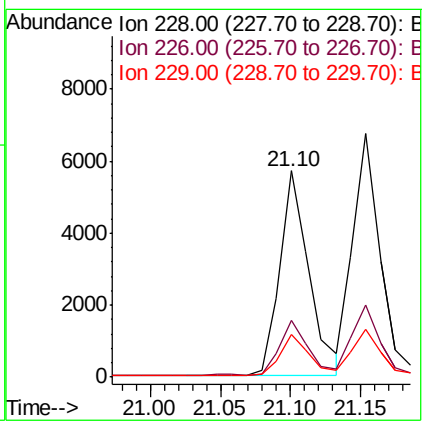


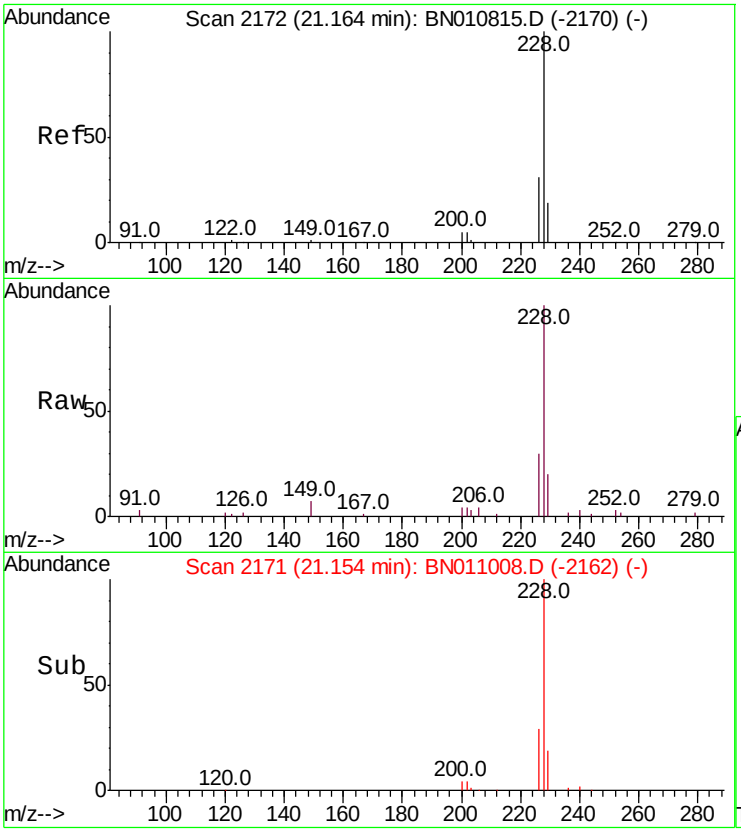


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:228 Resp: 8271

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.5	16.6	24.8



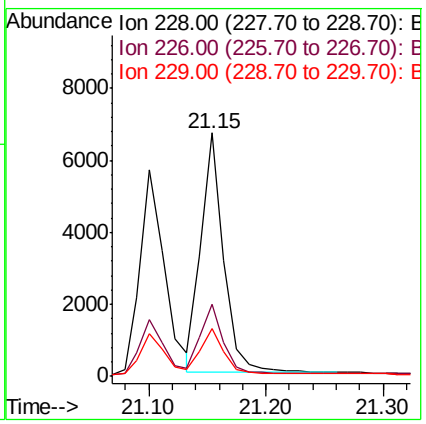


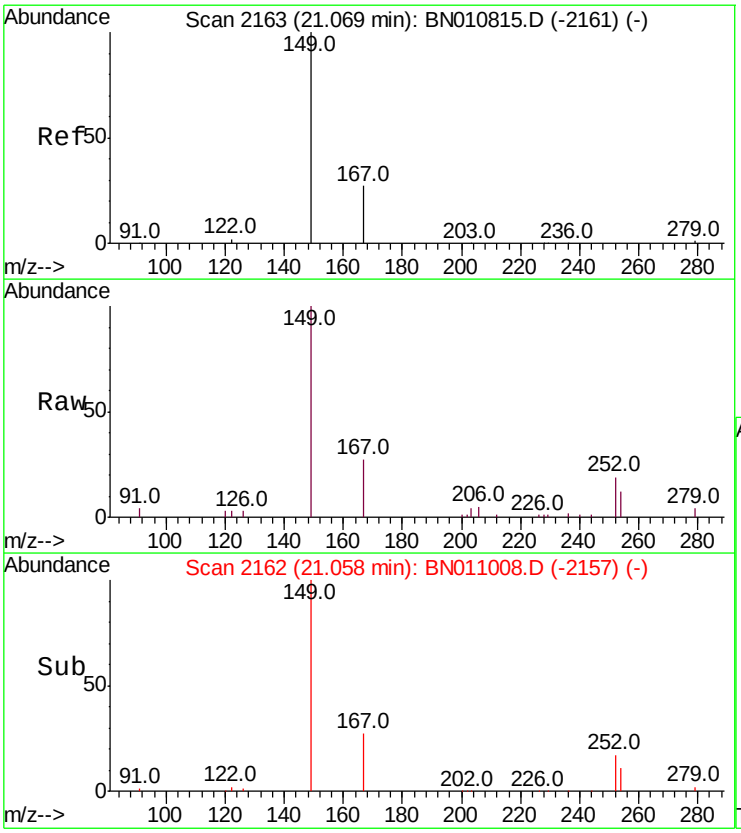
#31
Chrysene
Concen: 0.348 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:228 Resp: 9027

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.8	16.1	24.1

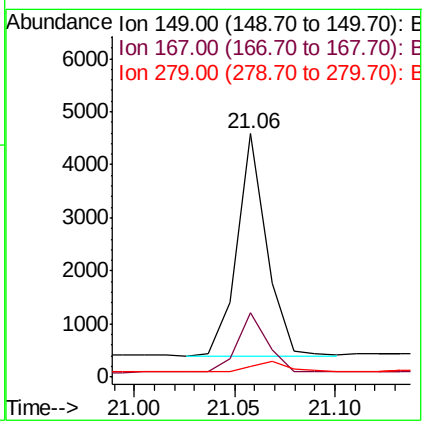


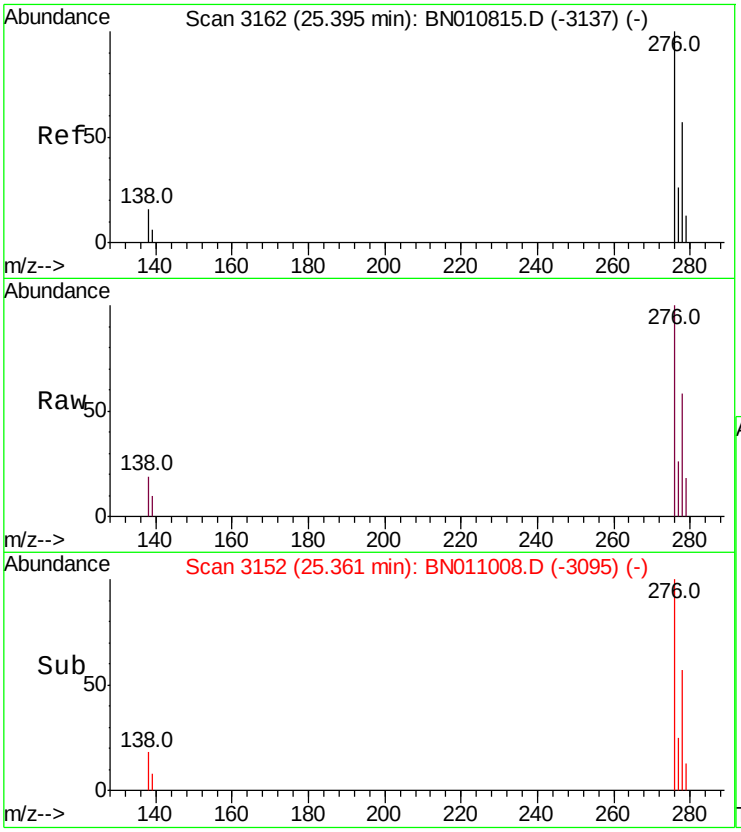


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.578 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:149 Resp: 4292

Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.1	36.1
279	4.9	4.6	7.0



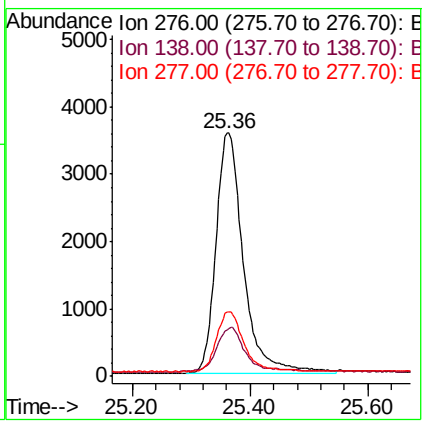


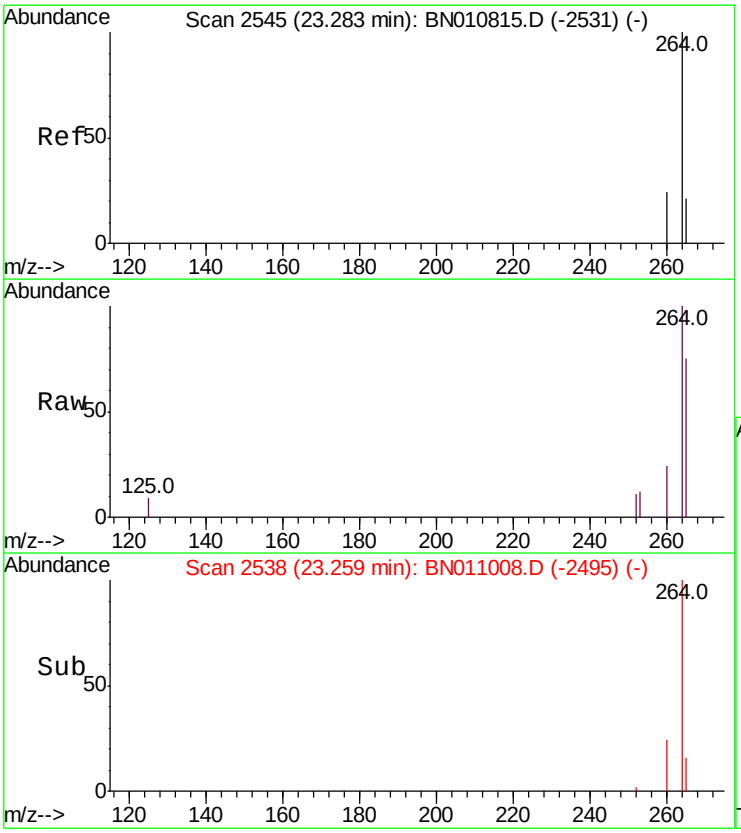
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 25.36 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:276 Resp: 11456

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.0	19.6
277	24.9	19.7	29.5

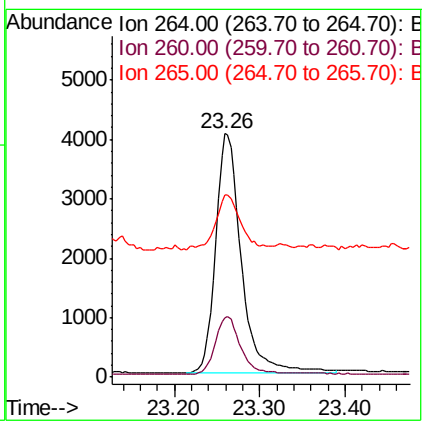


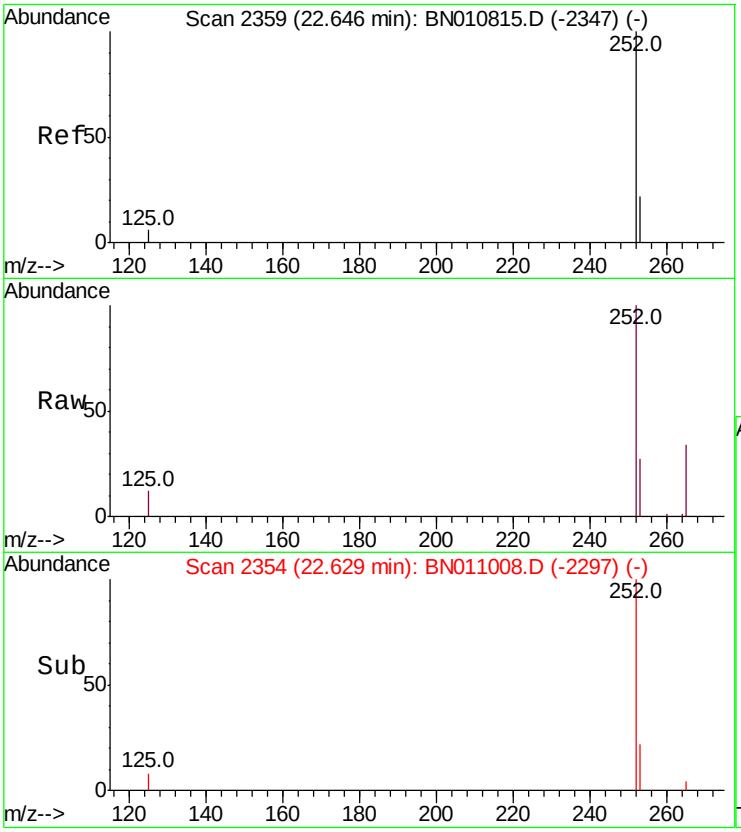


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:264 Resp: 8382

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	74.6	75.0	112.4#



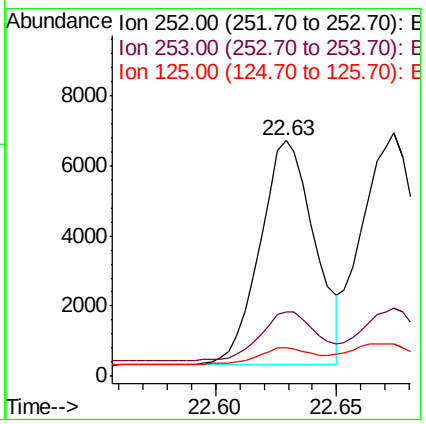


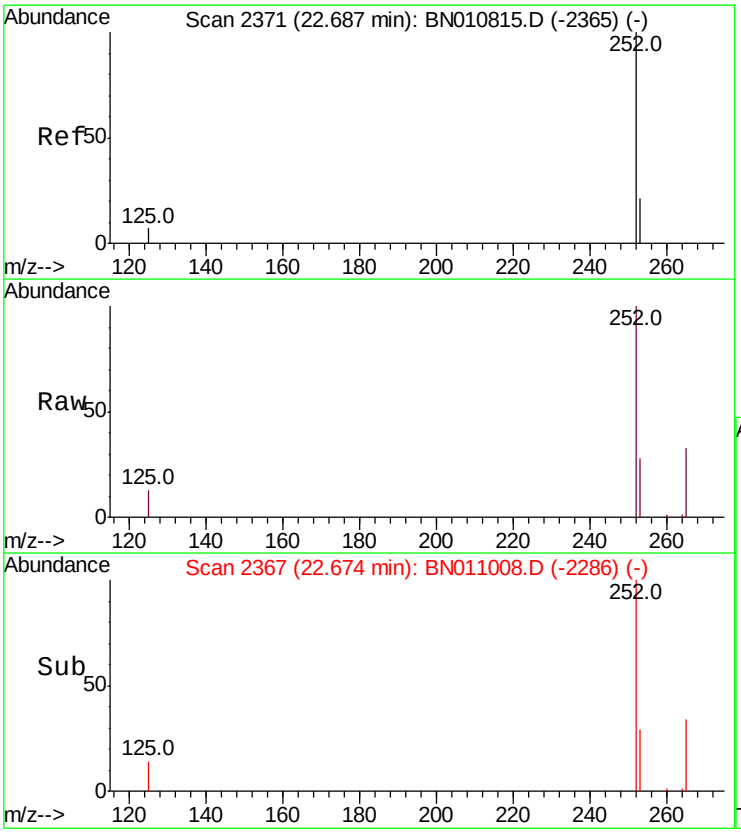
#35
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:252 Resp: 10048

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.4	33.6
125	12.0	9.4	14.0

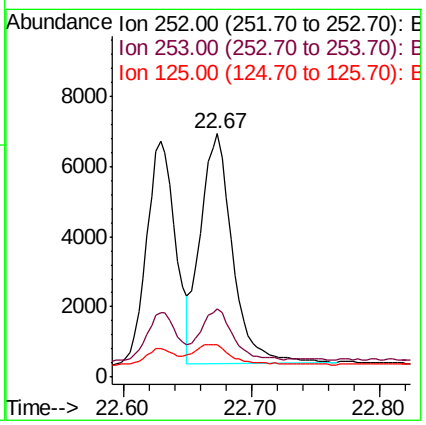


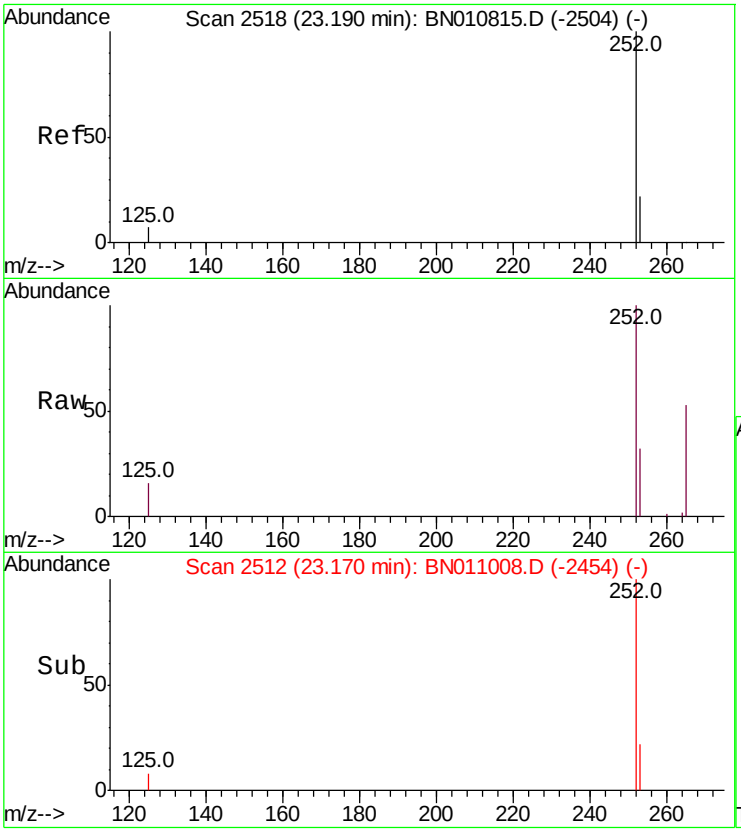


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 22.67 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:252 Resp: 11446

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.2	33.4
125	13.4	9.8	14.8



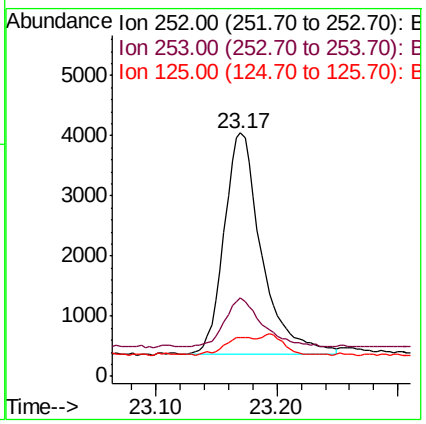


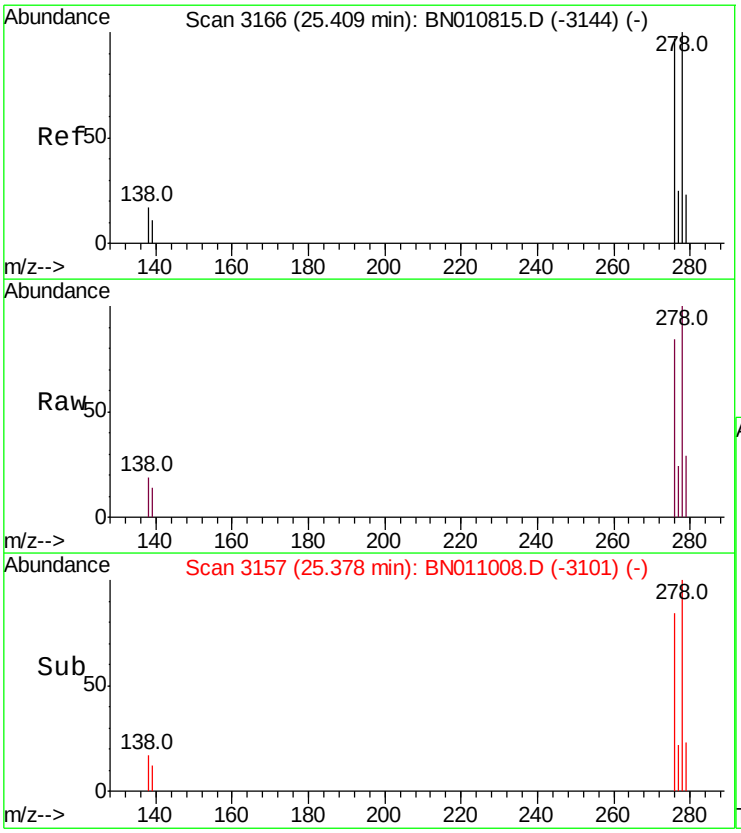
#37
Benzo(a)pyrene
Concen: 0.322 ng
RT: 23.17 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:252 Resp: 7881

Ion	Ratio	Lower	Upper
252	100		
253	32.2	25.8	38.8
125	16.1	12.4	18.6

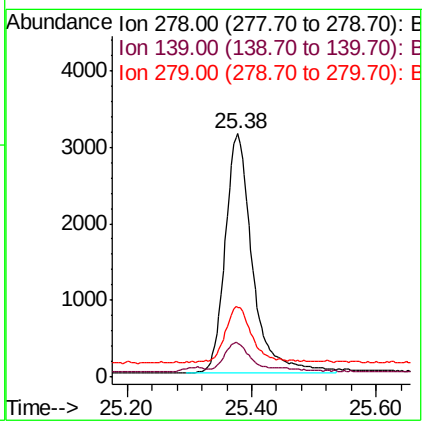


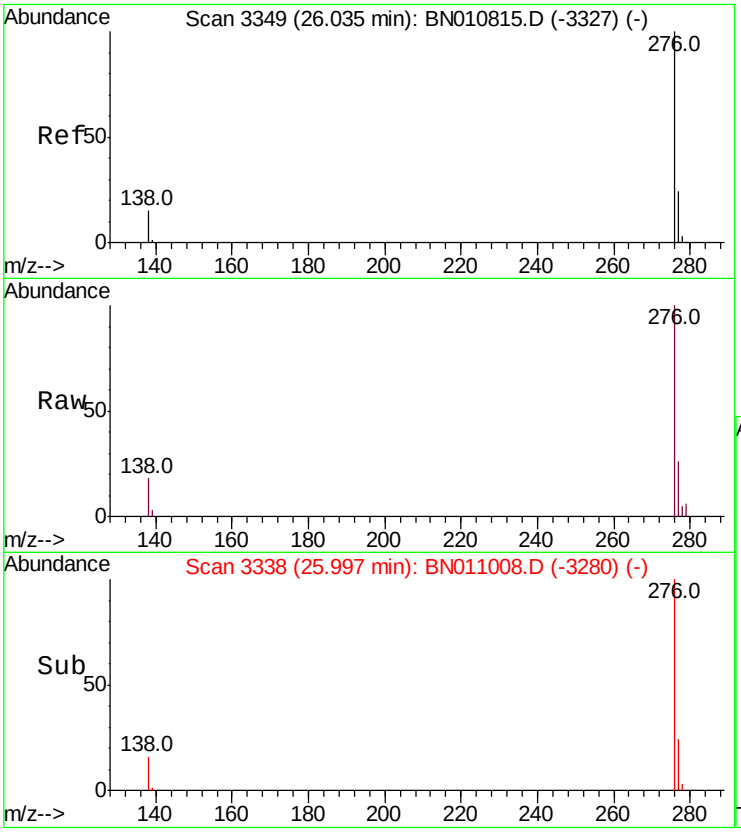


#38
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Tgt Ion:278 Resp: 9424

Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.6	15.8
279	28.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.347 ng
RT: 26.00 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BN011008.D
Acq: 22 Jun 2020 14:28

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MSD

Tgt Ion:276 Resp: 10102

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.5	30.7
138	18.1	13.7	20.5