Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
Data File : BN011059.D
Acq On : 26 Jun 2020 14:54
Operator : CG/JU
Sample : PB129798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129798BSD

Quant Time: Jun 26 15:42:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2202	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	7537	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3918	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	7869	0.40	ng		0.00
29) Chrysene-d12	21.11	240	7652	0.40	ng		0.00
36) Perylene-d12	23.25	264	7978	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2688	0.43	ng		0.00
5) Phenol-d6	6.73	99	2912	0.40	ng		0.00
8) Nitrobenzene-d5	8.66	82	2632	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	5686	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	666	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	7530	0.41	ng		0.00
27) Fluoranthene-d10	18.94	212	10115	0.41	ng		0.00
31) Terphenyl-d14	19.56	244	8303	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1217	0.411	ng		99
3) n-Nitrosodimethylamine	3.57	42	605	0.366	ng	#	90
6) bis(2-Chloroethyl)ether	6.97	93	2611	0.411	ng		99
9) Naphthalene	10.32	128	8955	0.391	ng		99
10) Hexachlorobutadiene	10.61	225	2196	0.398	ng	#	99
12) 2-Methylnaphthalene	11.94	142	6568	0.428	ng		100
16) Acenaphthylene	13.85	152	7944	0.402	ng		99
17) Acenaphthene	14.20	154	5361	0.404	ng		99
18) Fluorene	15.19	166	7589	0.449	ng		100
20) 4,6-Dinitro-2-methylphenol	15.32	198	145	0.110	ng	#	41
21) 4-Bromophenyl-phenylether	16.10	248	2119	0.389	ng	#	81
22) Hexachlorobenzene	16.21	284	2478	0.412	ng		99
23) Atrazine	16.38	200	1514	0.376	ng	#	94
24) Pentachlorophenol	16.57	266	593	0.312	ng		94
25) Phenanthrene	16.93	178	10546	0.398	ng		100
26) Anthracene	17.03	178	8707	0.396	ng		99
28) Fluoranthene	18.97	202	12034	0.397	ng		100
30) Pyrene	19.33	202	11665	0.396	ng		100
32) Benzo(a)anthracene	21.10	228	10161	0.383	ng		98
33) Chrysene	21.15	228	12222	0.423	ng		100
34) Bis(2-ethylhexyl)phthalate	21.06	149	4347	0.408	ng		98
35) Indeno(1,2,3-cd)pyrene	25.35	276	13417	0.417	ng		100
37) Benzo(b)fluoranthene	22.62	252	13354	0.423	ng		98
38) Benzo(k)fluoranthene	22.66	252	13930	0.425	ng		98
39) Benzo(a)pyrene	23.16	252	11217	0.400	ng		96
40) Dibenzo(a,h)anthracene	25.37	278	10829	0.358	ng		98
41) Benzo(g,h,i)perylene	25.98	276	11416	0.365	ng		99

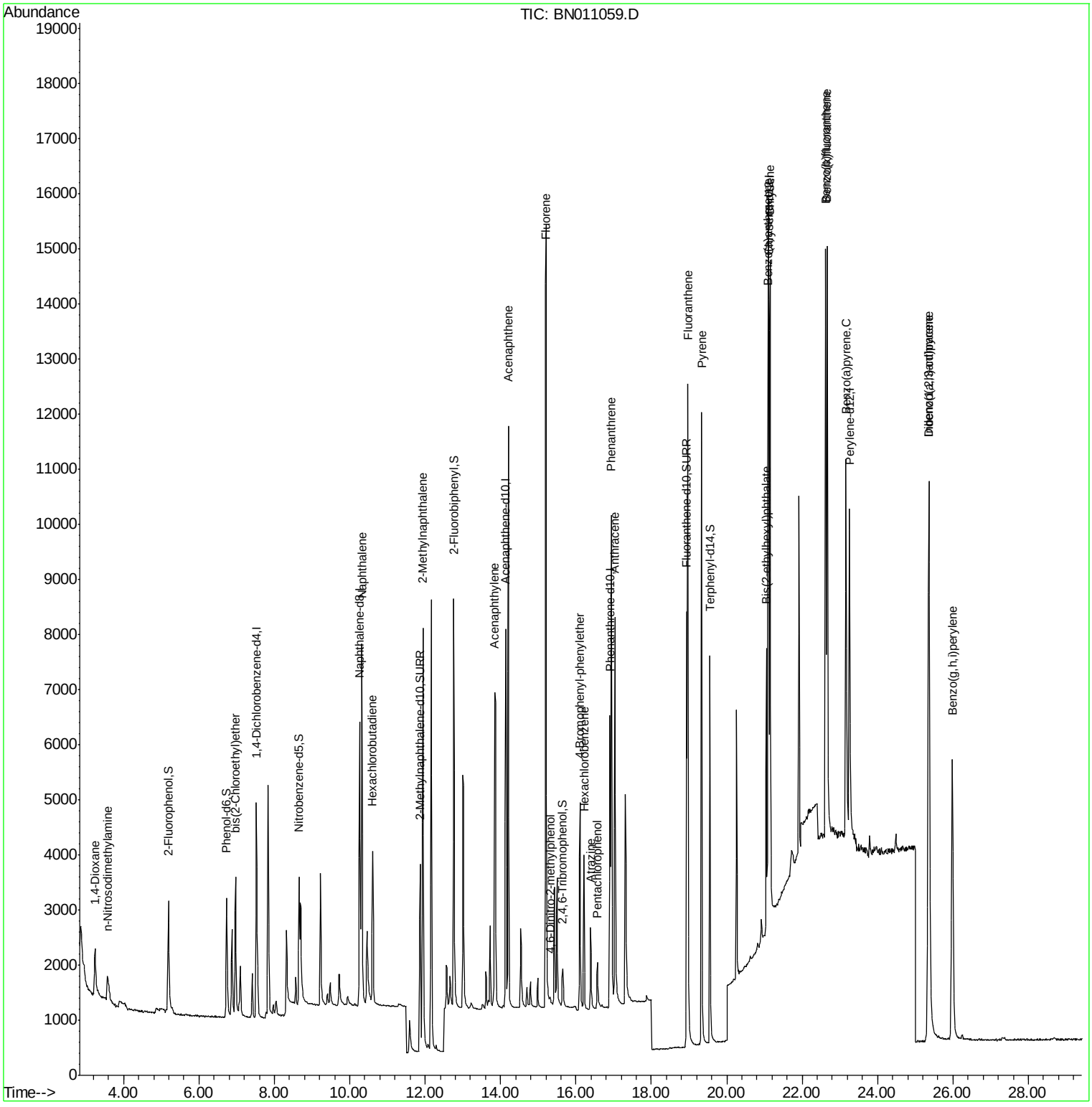
(#) = qualifier out of range (m) = manual integration (+) = signals summed

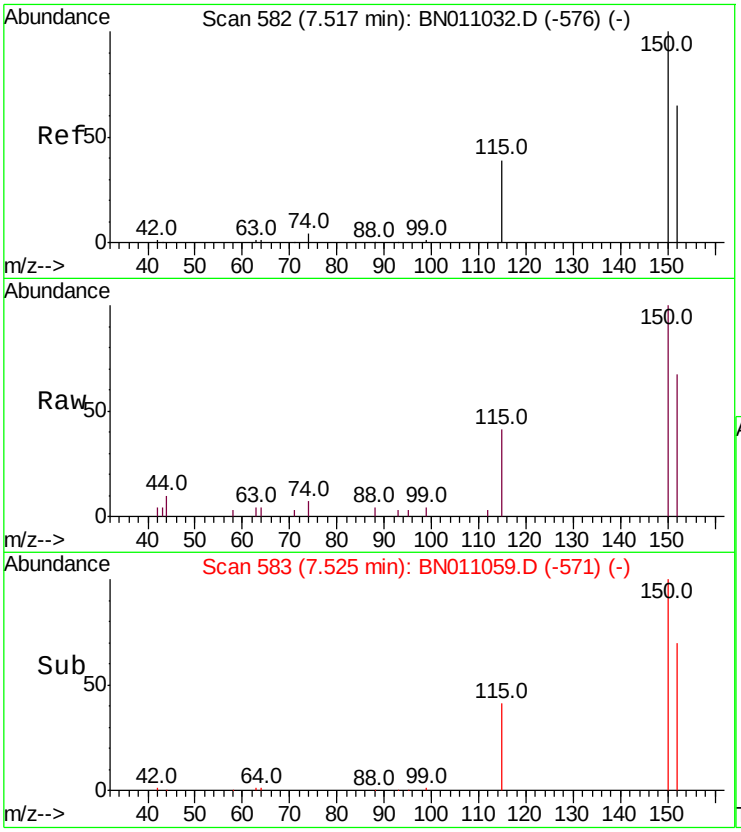
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
Data File : BN011059.D
Acq On : 26 Jun 2020 14:54
Operator : CG/JU
Sample : PB129798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Quant Time: Jun 26 15:42:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration



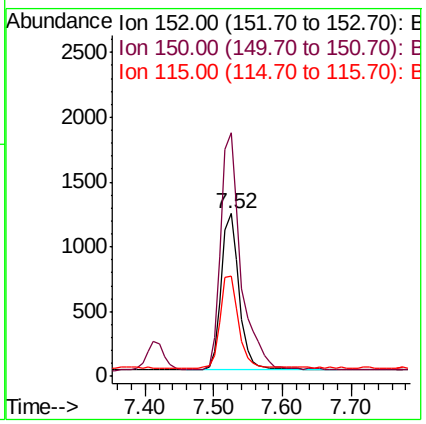


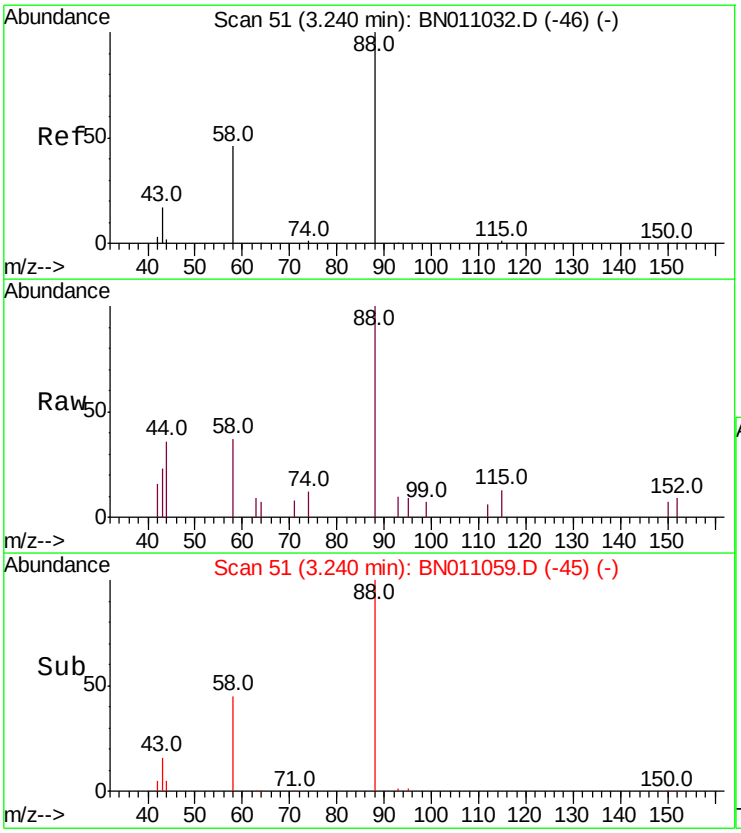
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:152 Resp: 2202

Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.8	182.8
115	62.0	50.2	75.2

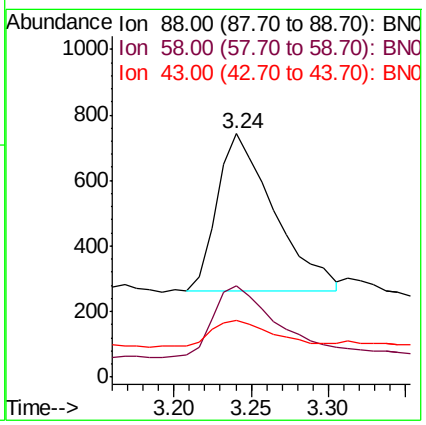


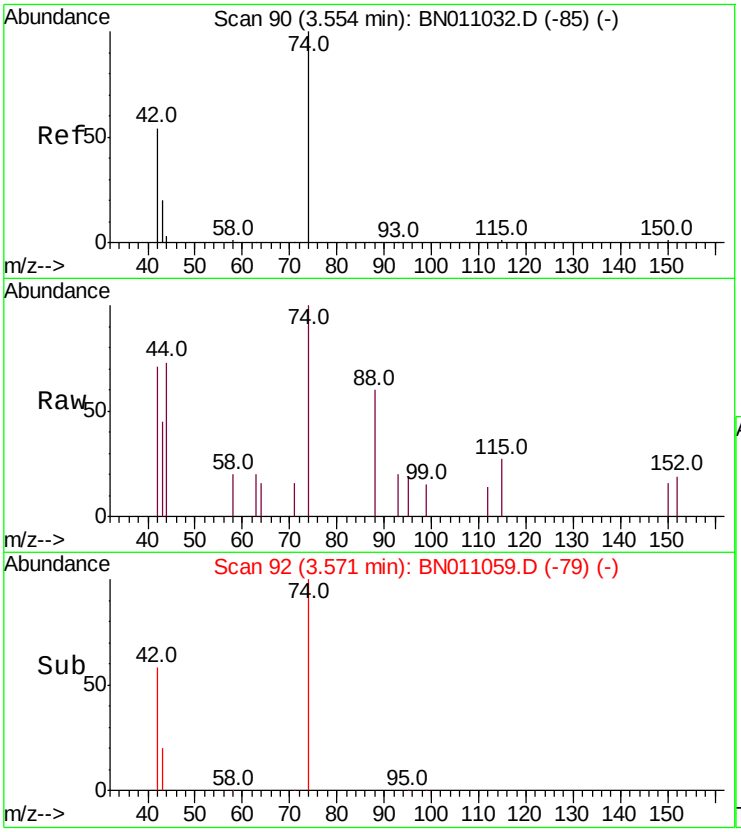


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion: 88 Resp: 1217

Ion	Ratio	Lower	Upper
88	100		
58	48.2	38.4	57.6
43	17.1	14.2	21.4



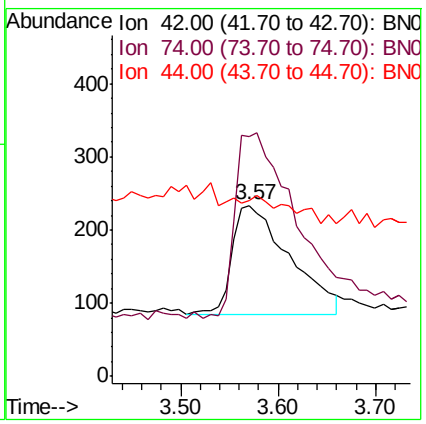


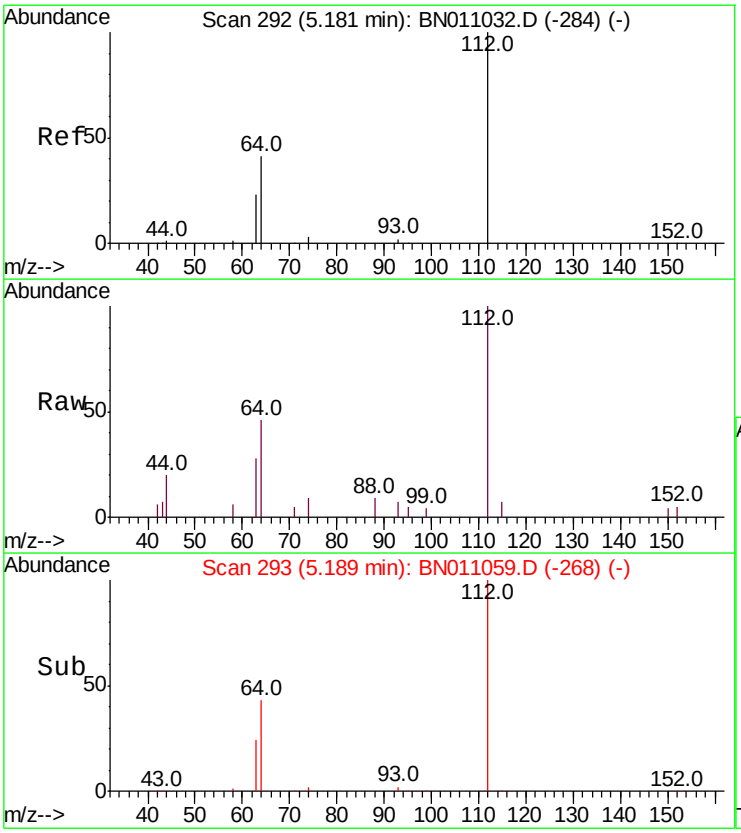
#3
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion: 42 Resp: 605

Ion	Ratio	Lower	Upper
42	100		
74	178.7	154.8	232.2
44	0.0	4.8	7.2#

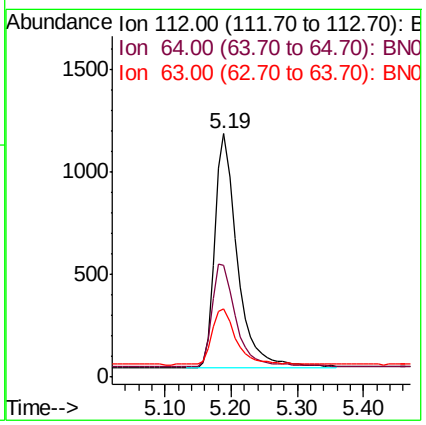


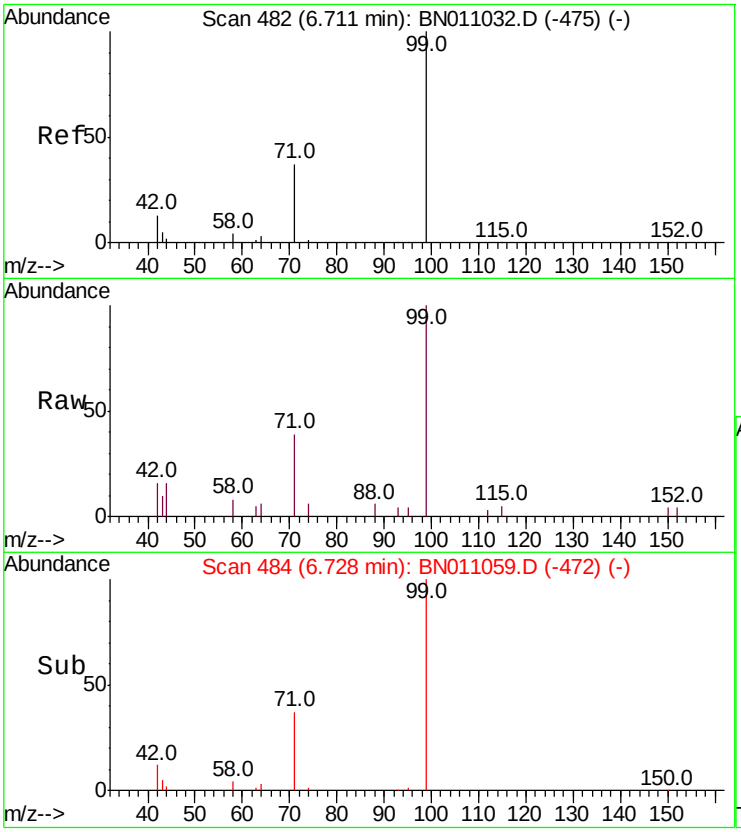


#4
2-Fluorophenol
Concen: 0.433 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:112 Resp: 2688

Ion	Ratio	Lower	Upper
112	100		
64	47.4	37.3	55.9
63	24.5	20.4	30.6



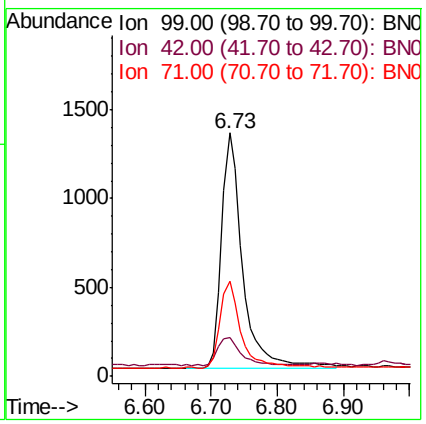


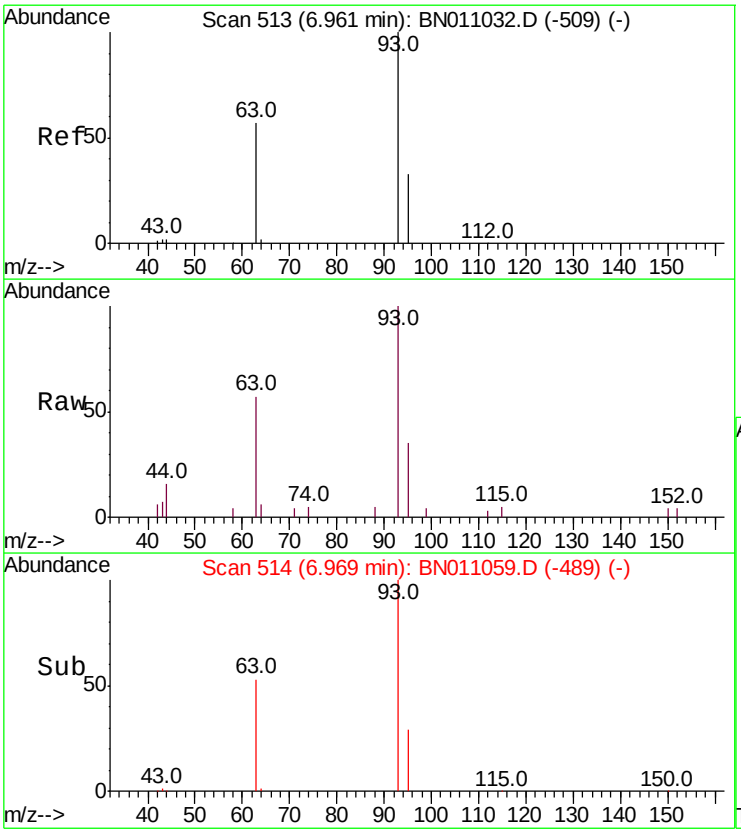
#5
Phenol-d6
Concen: 0.396 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion: 99 Resp: 2912

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.6	16.0
71	36.1	28.7	43.1

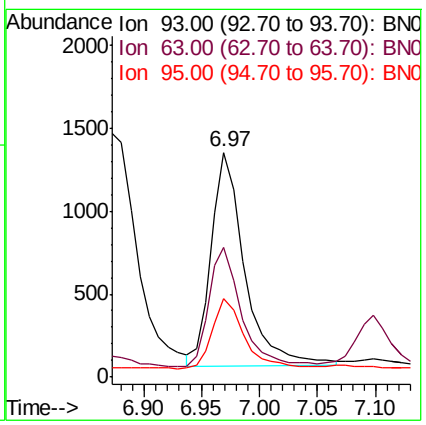


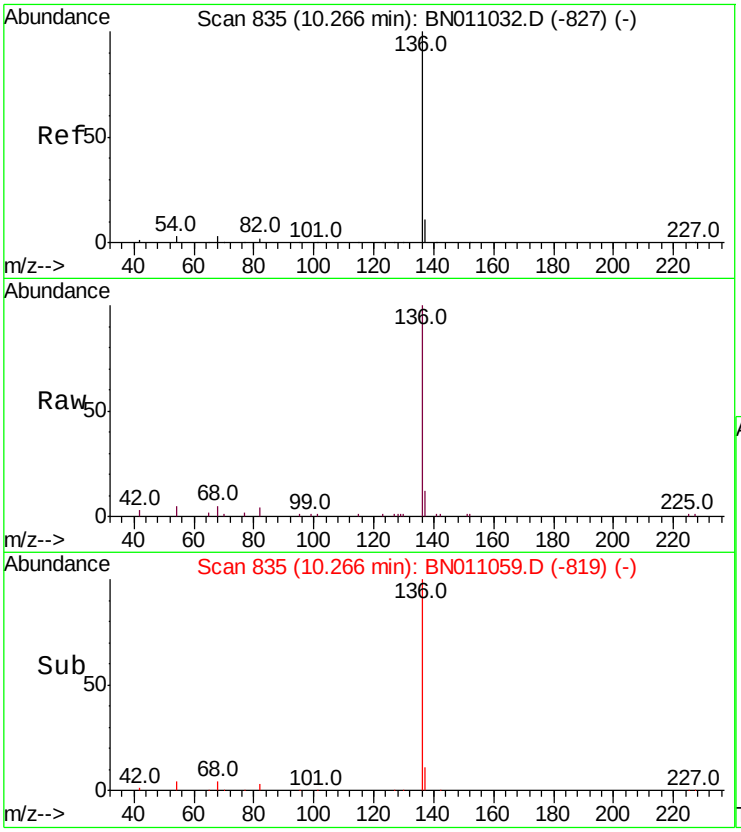


#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion: 93 Resp: 2611

Ion	Ratio	Lower	Upper
93	100		
63	53.6	43.7	65.5
95	30.9	25.3	37.9



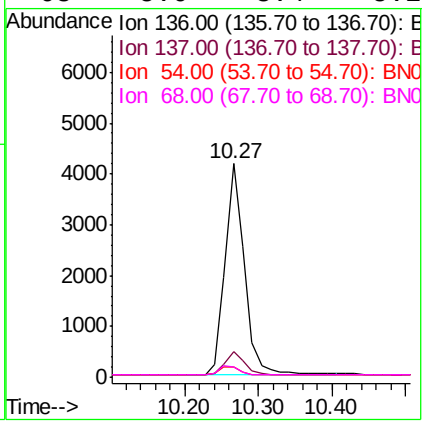


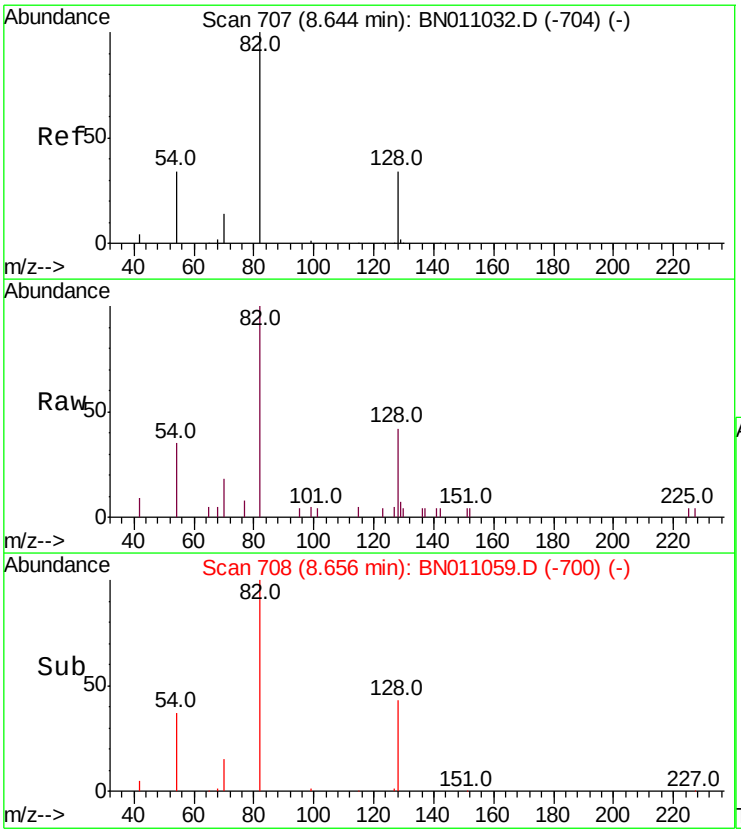
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:136 Resp: 7537

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	4.8	3.0	4.4#
68	5.0	3.4	5.2

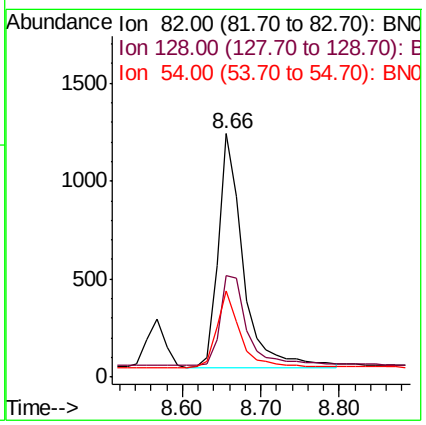


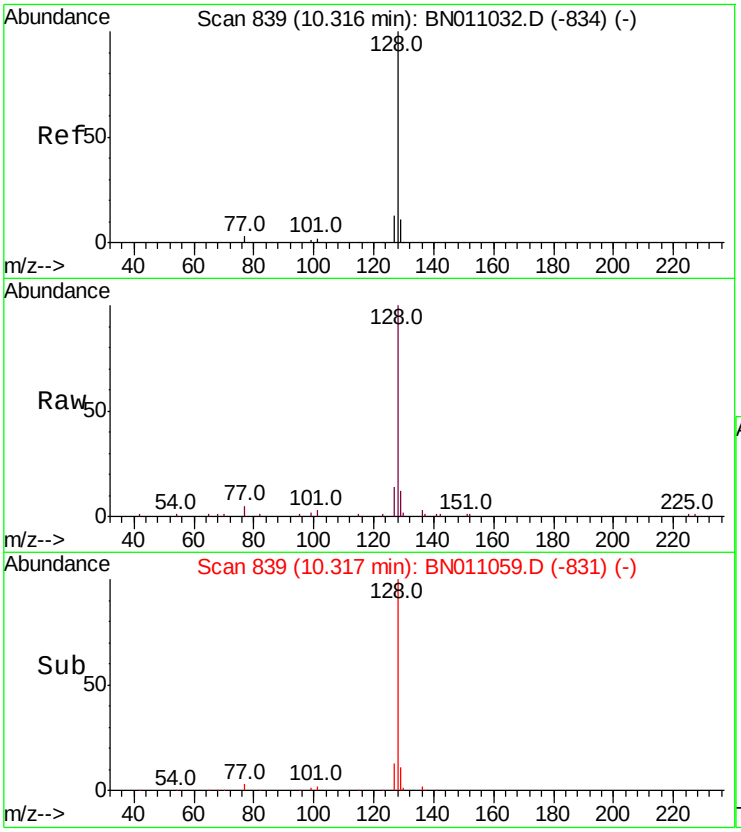


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion: 82 Resp: 2632

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.4	44.2
54	35.2	28.8	43.2



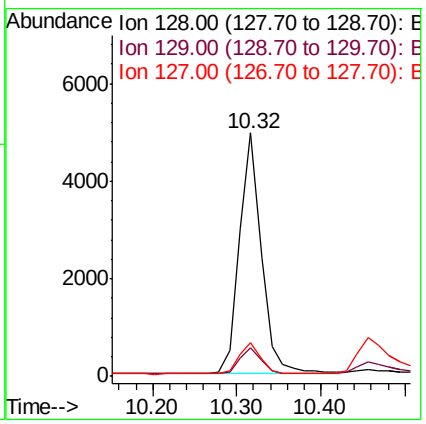


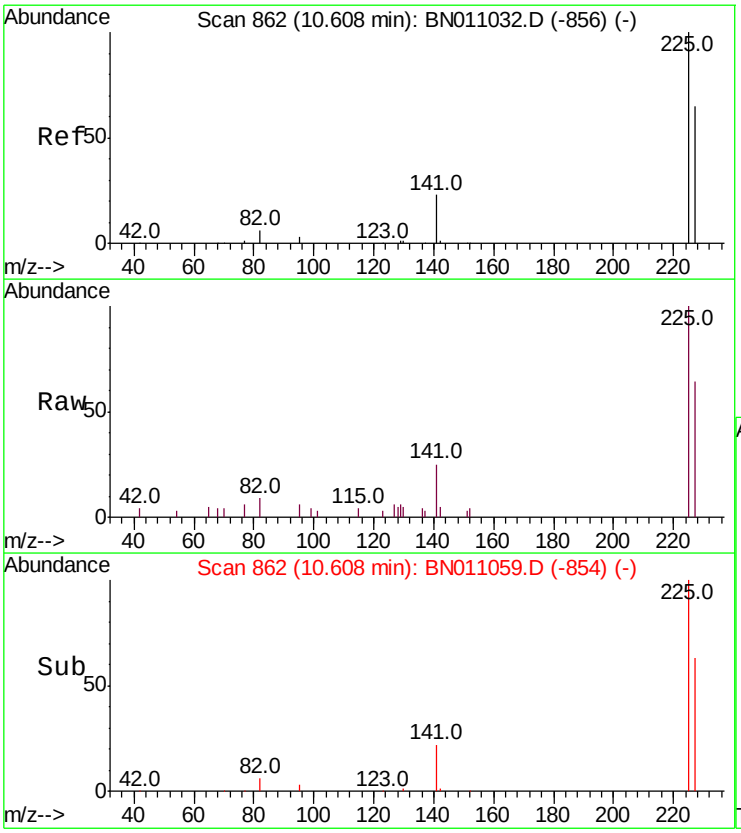
#9
Naphthalene
Concen: 0.391 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:128 Resp: 8955

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	13.8	10.9	16.3

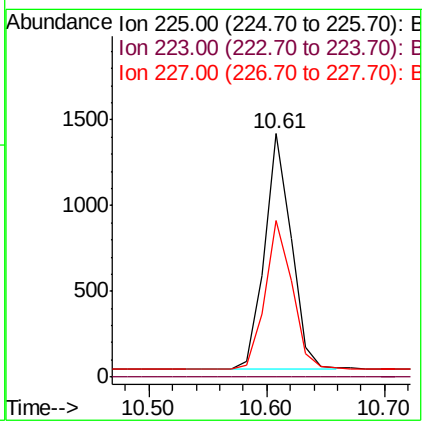


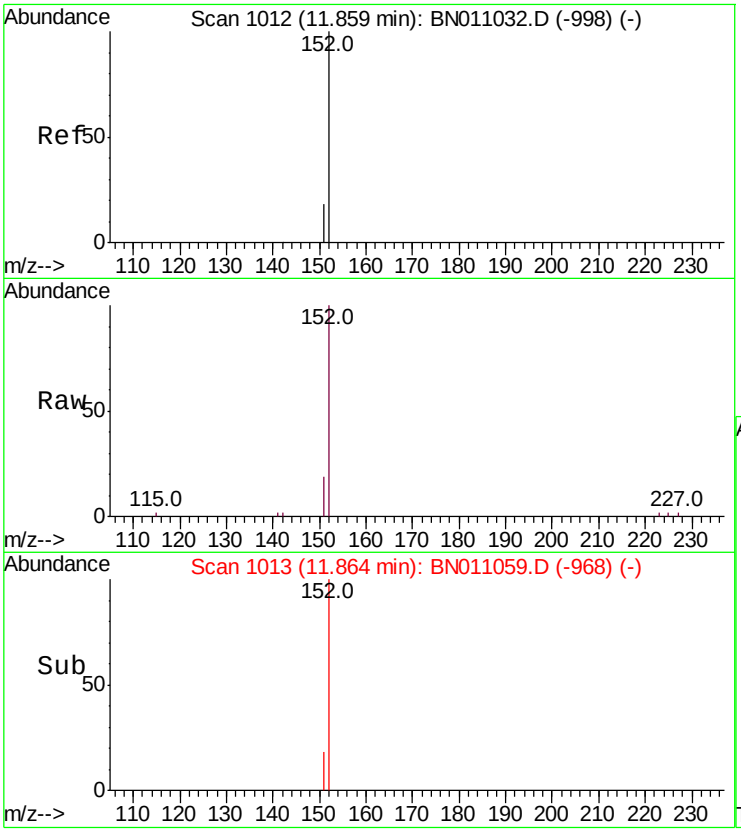


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.61 min Scan# 862
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:225 Resp: 2196

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.7	77.5



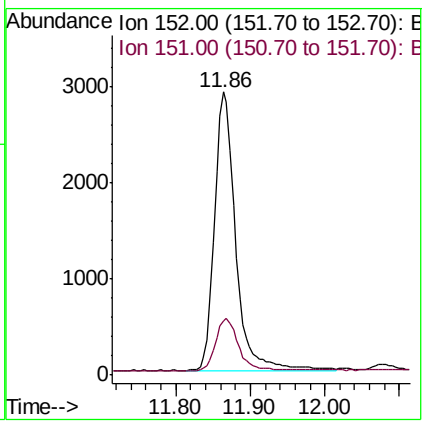


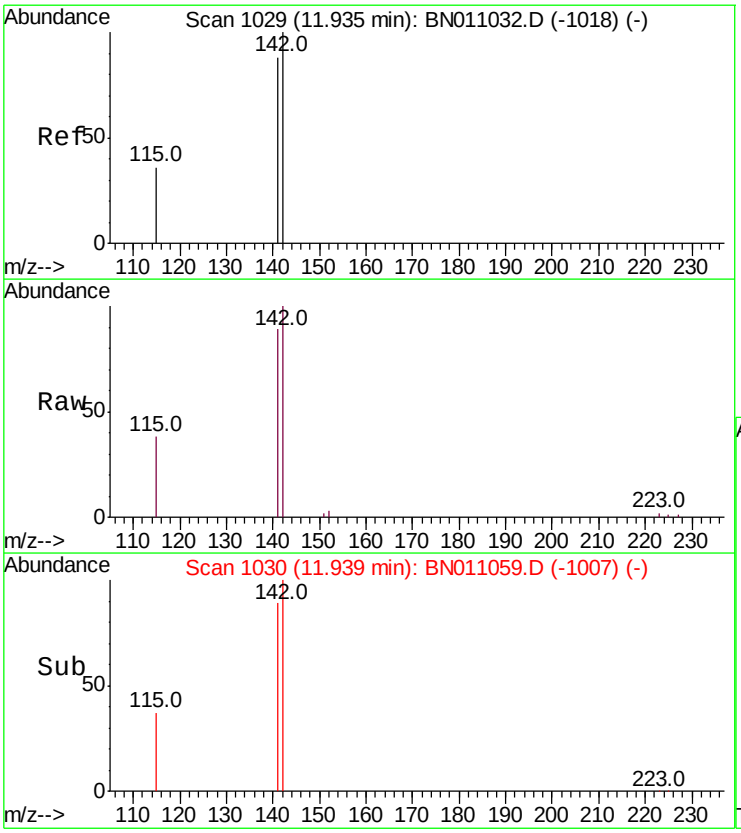
#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:152 Resp: 5686

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

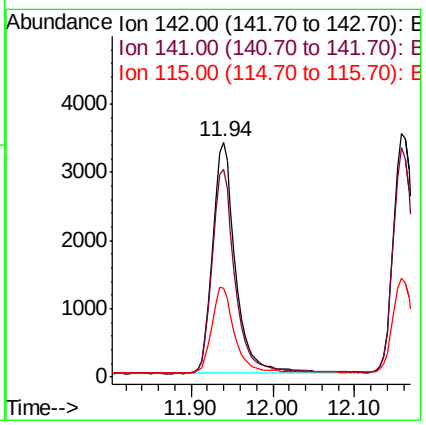


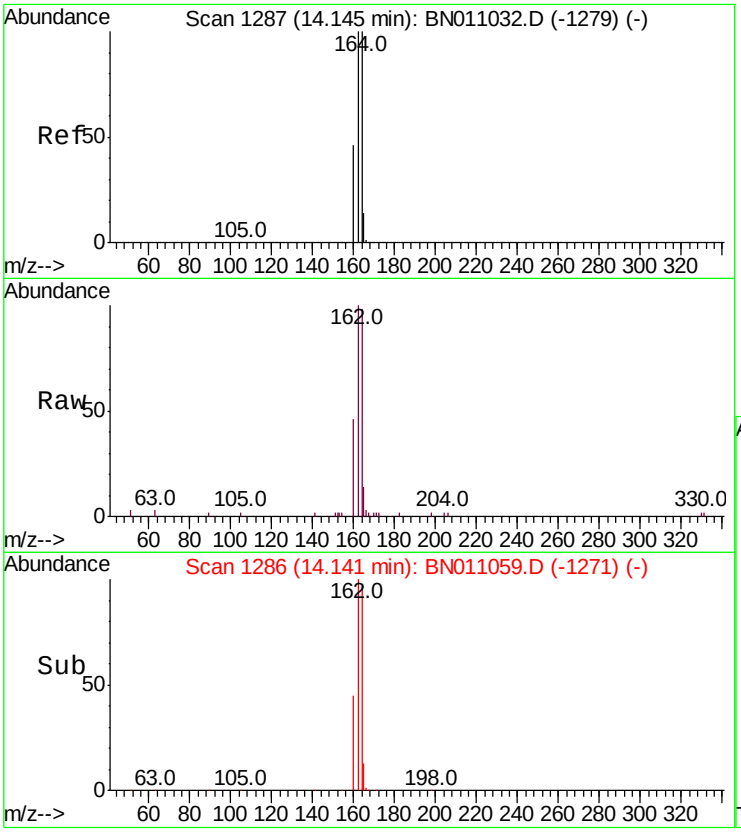


#12
2-Methylnaphthalene
Concen: 0.428 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:142 Resp: 6568

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	37.9	30.2	45.2



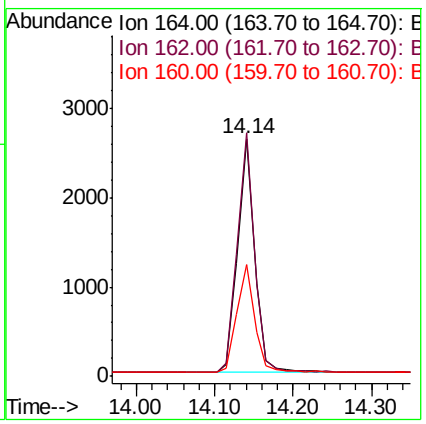


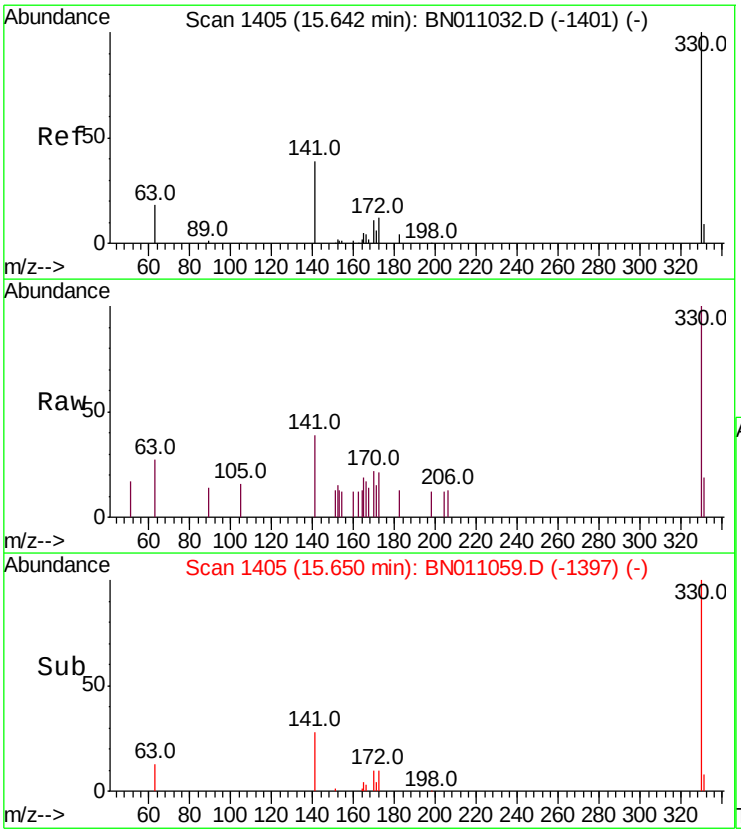
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:164 Resp: 3918

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.4
160	47.1	37.7	56.5

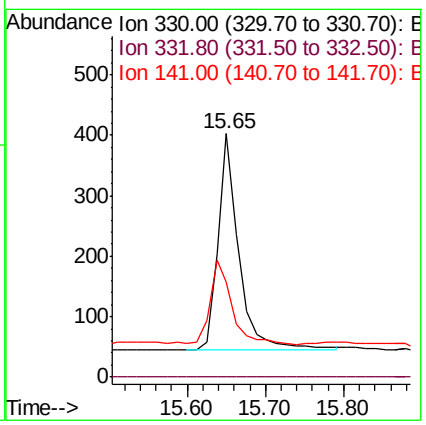


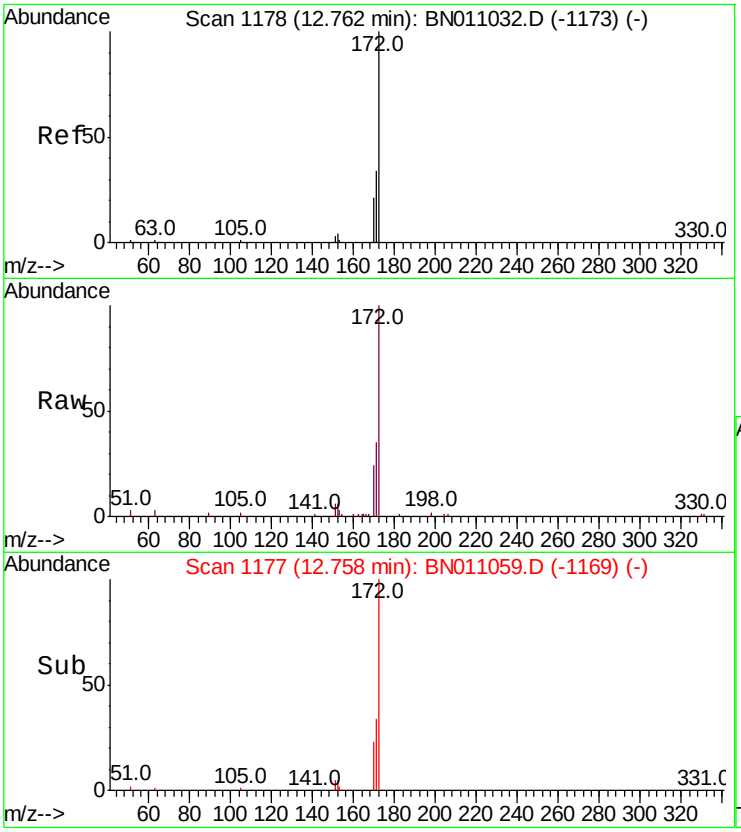


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:330 Resp: 666

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.5	34.5	51.7



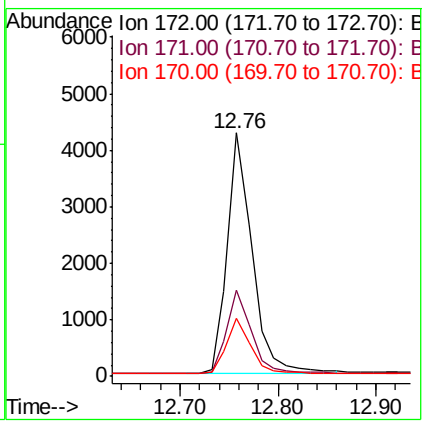


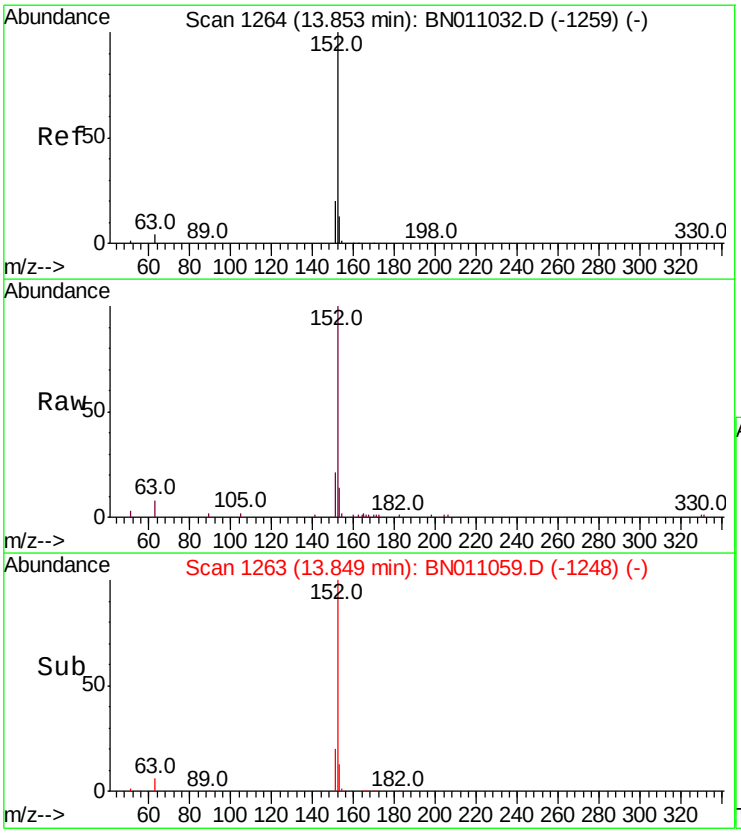
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:172 Resp: 7530

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.2
170	24.0	17.5	26.3

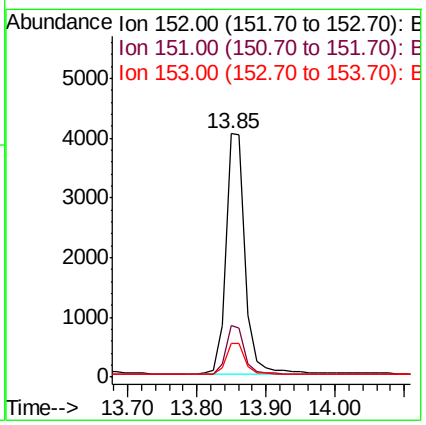


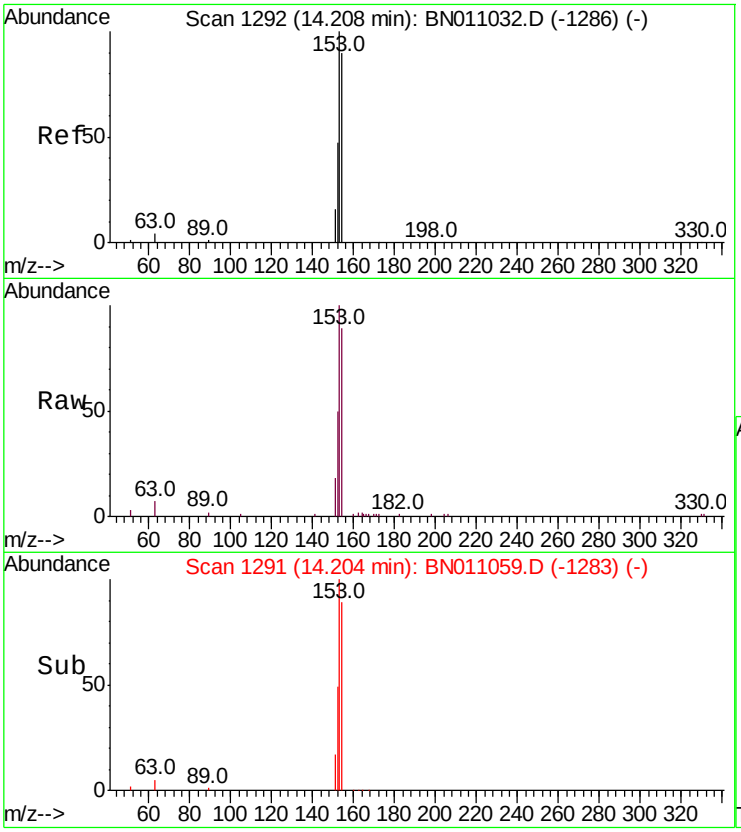


#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.85 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:152 Resp: 7944

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.6	10.2	15.2



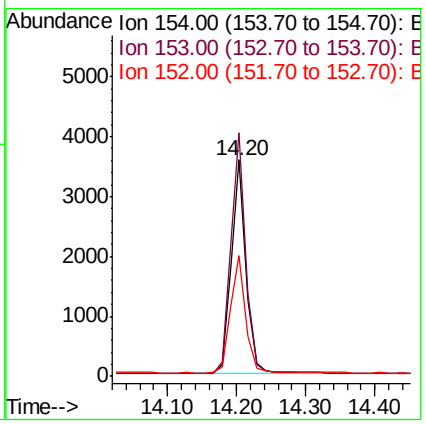


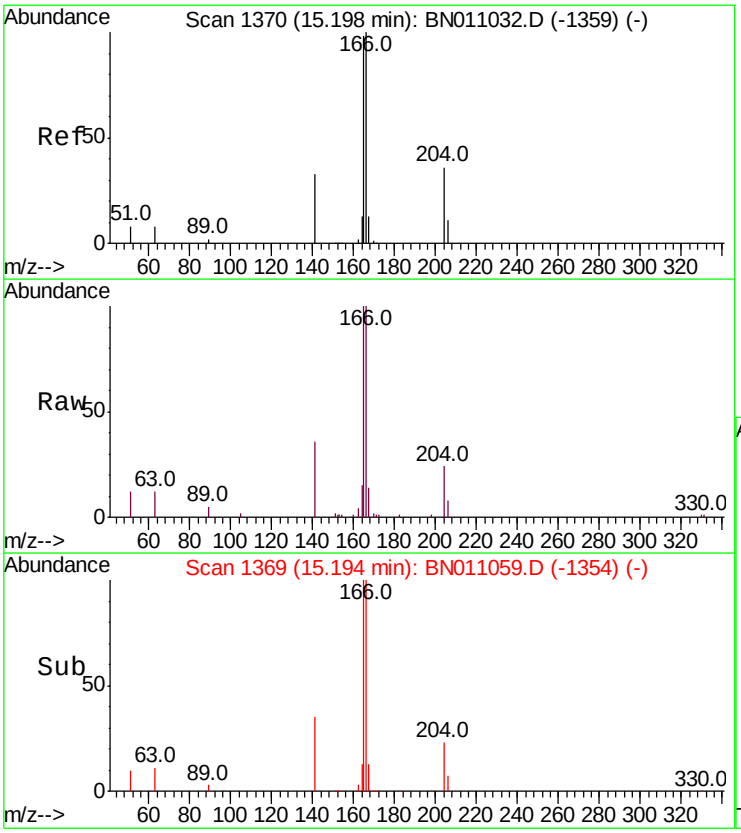
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.20 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:154 Resp: 5361

Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.3	138.5
152	57.5	45.5	68.3

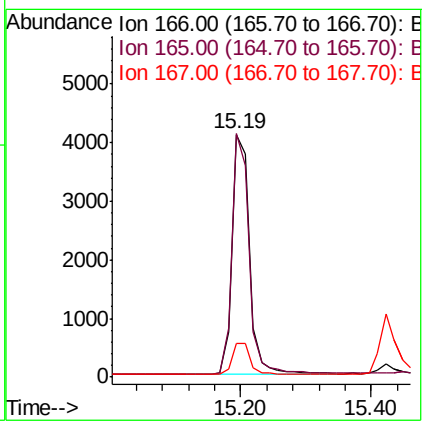


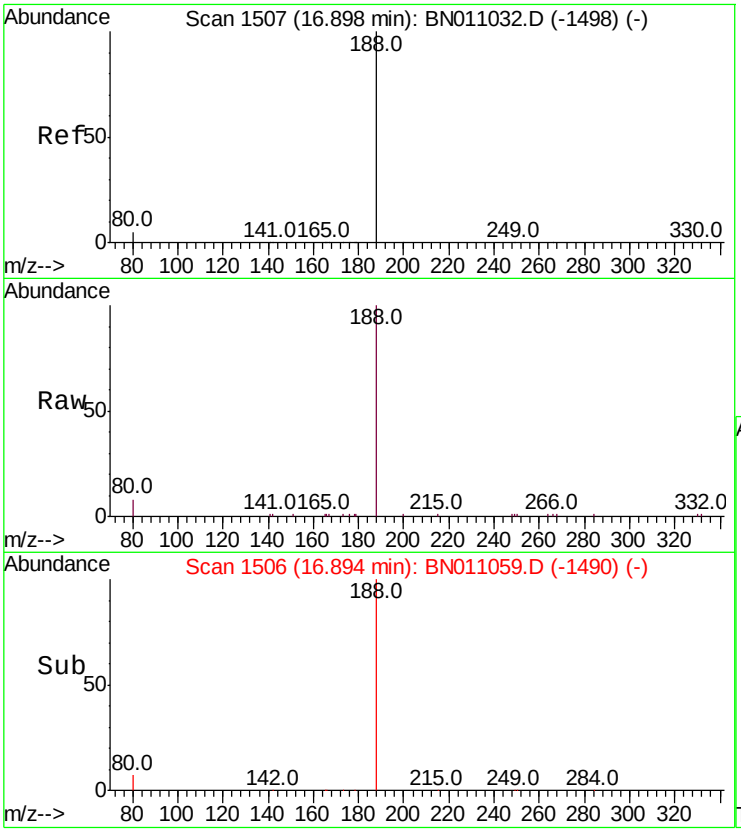


#18
Fluorene
Concen: 0.449 ng
RT: 15.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:166 Resp: 7589

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.7	10.8	16.2



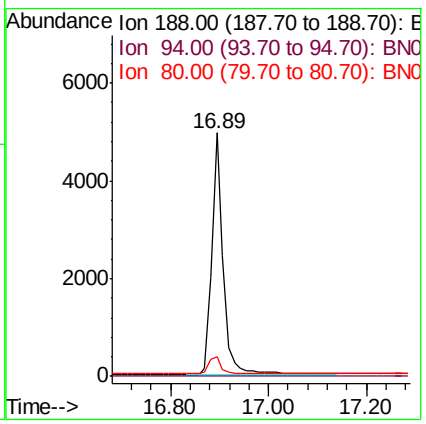


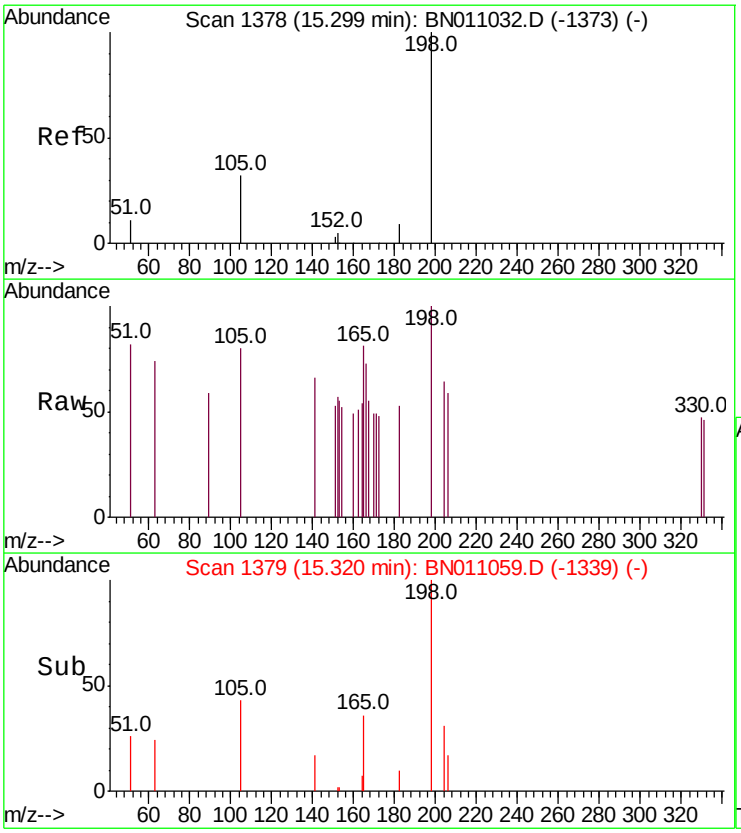
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:188 Resp: 7869

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	4.6	7.0#

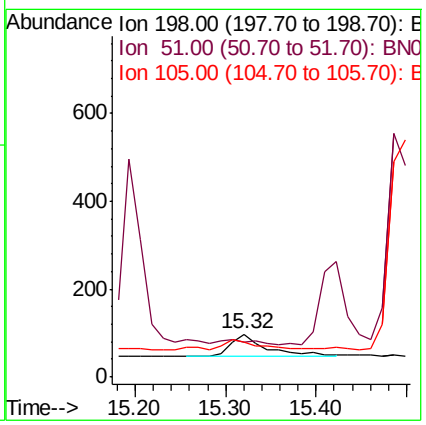


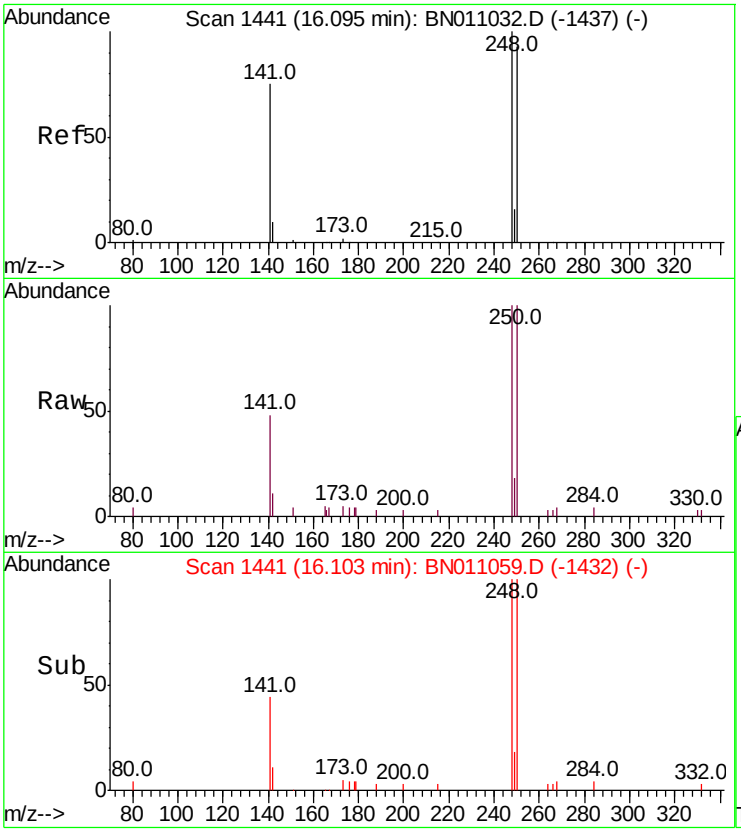


#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.32 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	82.5	29.5	44.3#
105	80.4	39.2	58.8#



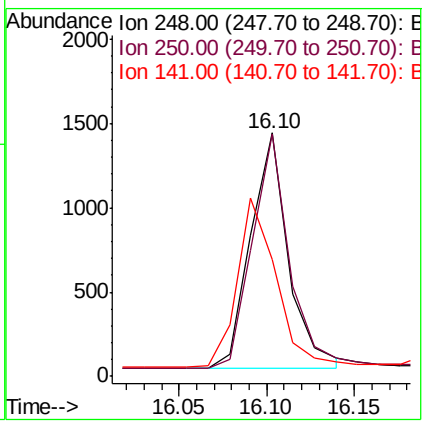


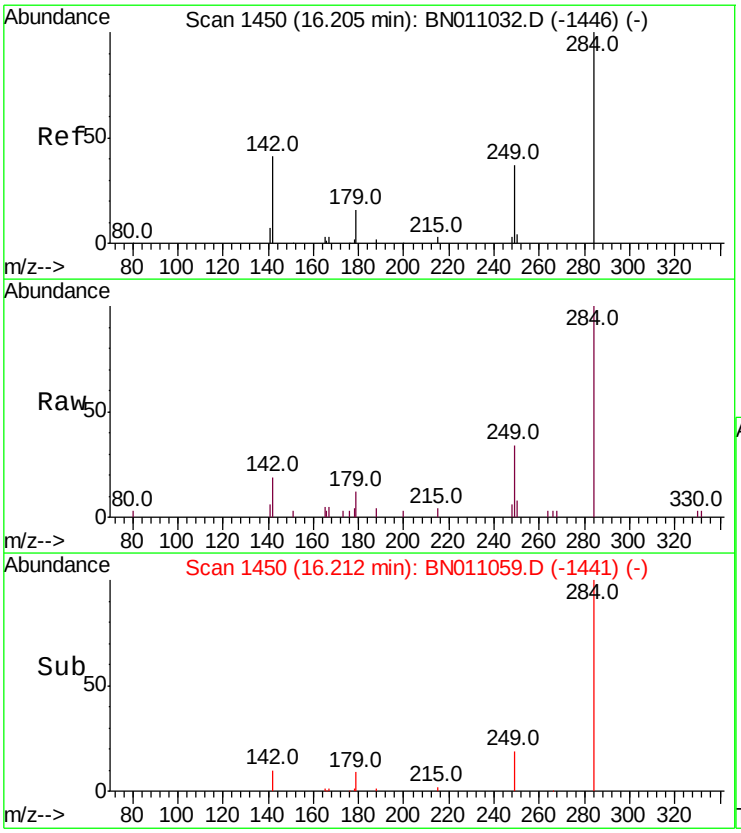
#21
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:248 Resp: 2119

Ion	Ratio	Lower	Upper
248	100		
250	99.7	74.6	111.8
141	47.8	60.9	91.3#

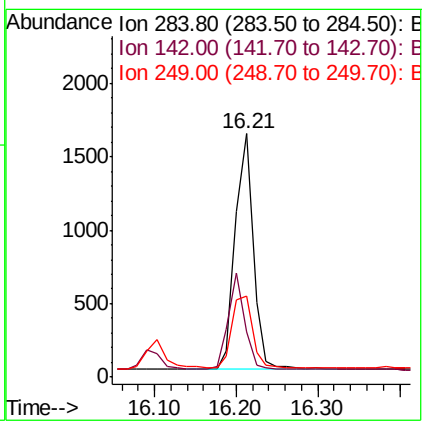


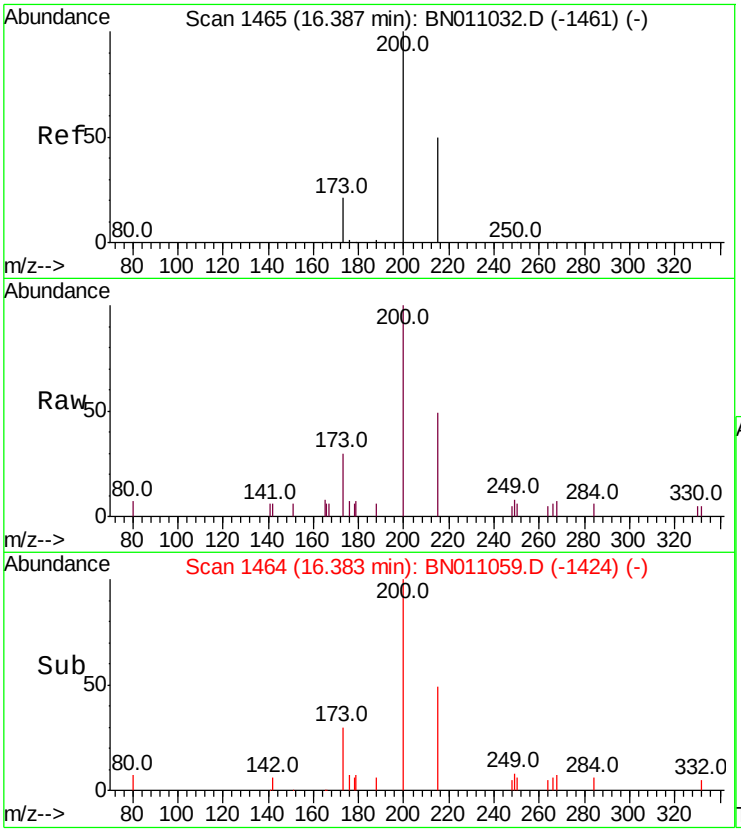


#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.21 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:284 Resp: 2478

Ion	Ratio	Lower	Upper
284	100		
142	37.2	30.4	45.6
249	33.9	27.0	40.4



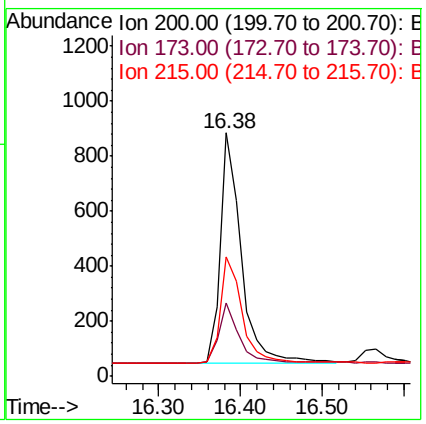


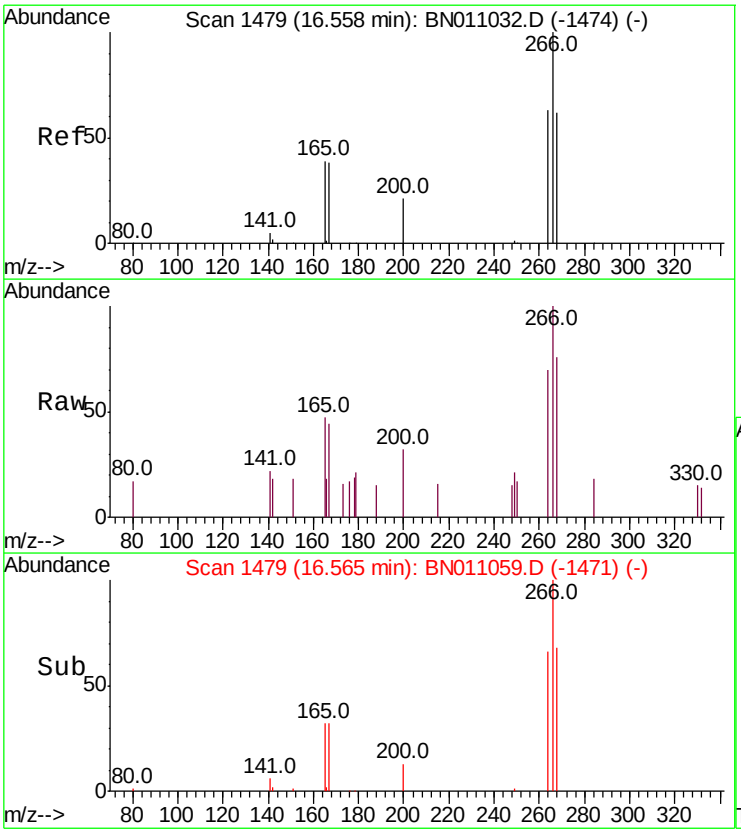
#23
Atrazine
Concen: 0.376 ng
RT: 16.38 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:200 Resp: 1514

Ion	Ratio	Lower	Upper
200	100		
173	30.1	19.4	29.2#
215	49.2	41.5	62.3

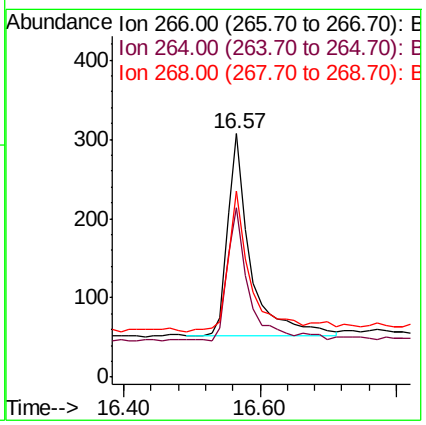


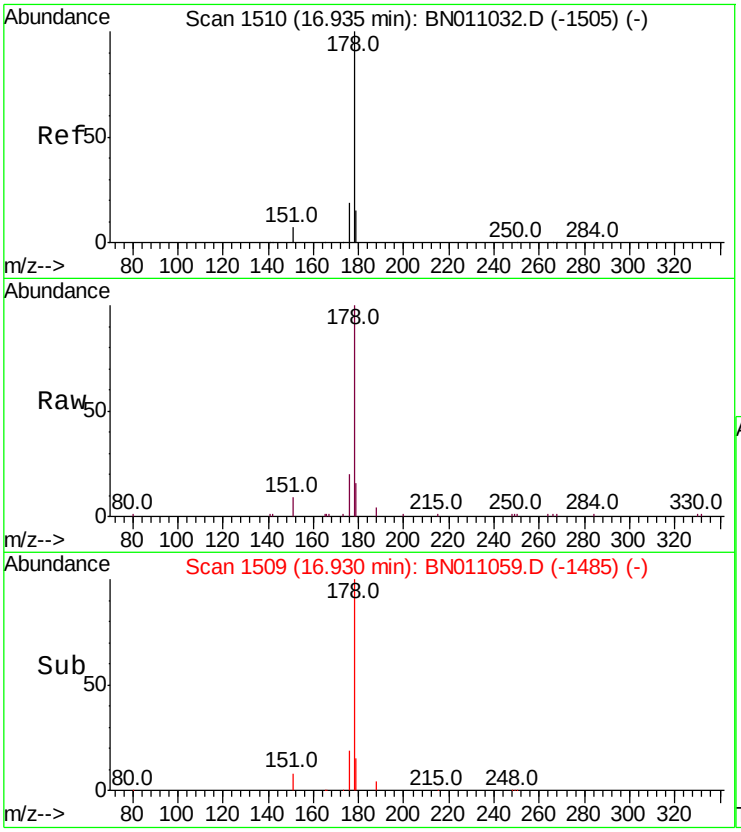


#24
Pentachlorophenol
Concen: 0.312 ng
RT: 16.57 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:266 Resp: 593

Ion	Ratio	Lower	Upper
266	100		
264	58.3	51.4	77.0
268	65.4	54.9	82.3



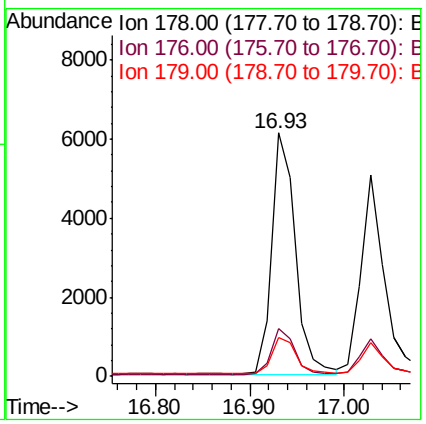


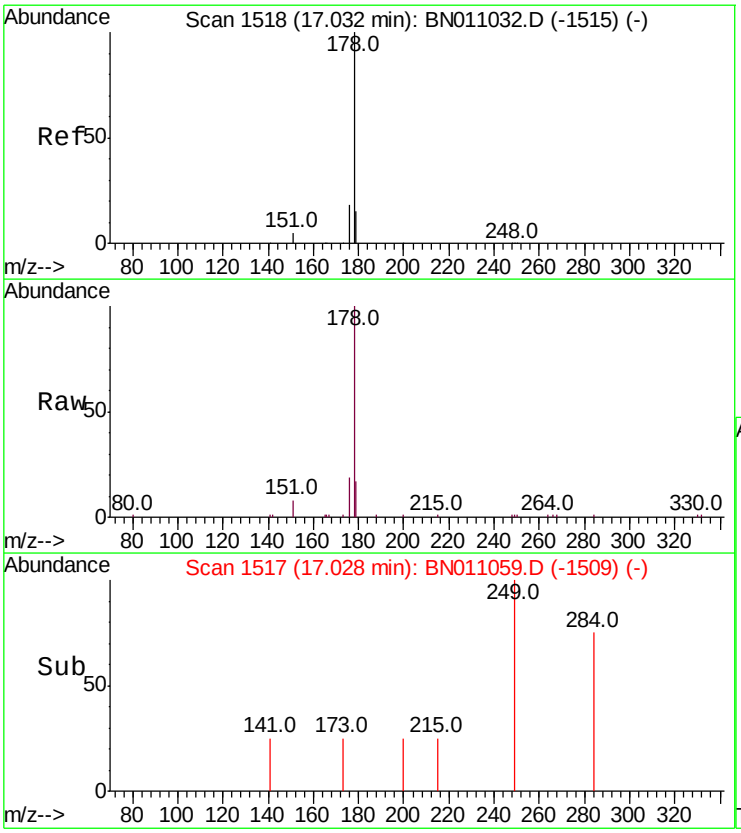
#25
Phenanthrene
Concen: 0.398 ng
RT: 16.93 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:178 Resp: 10546

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.5	12.3	18.5

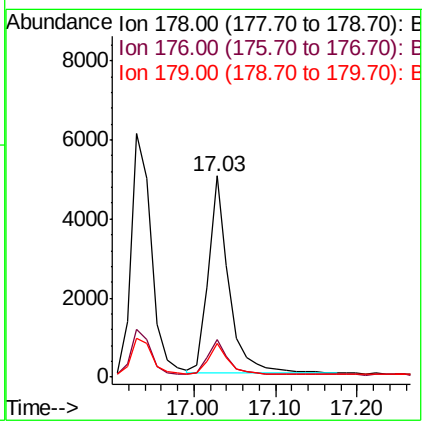


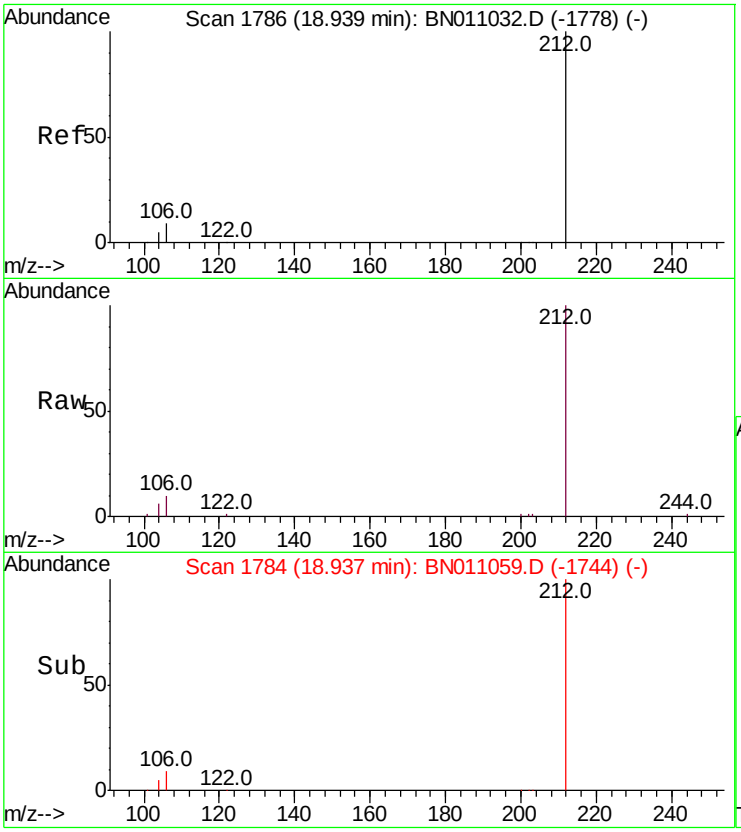


#26
Anthracene
Concen: 0.396 ng
RT: 17.03 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:178 Resp: 8707

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.5	12.2	18.4



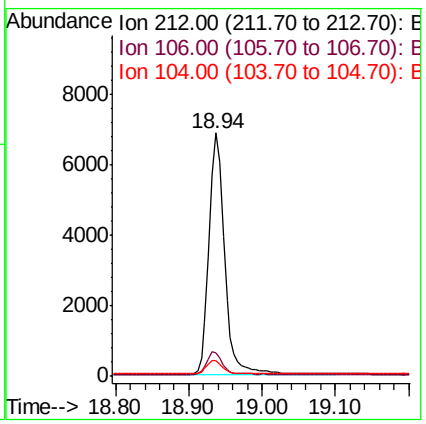


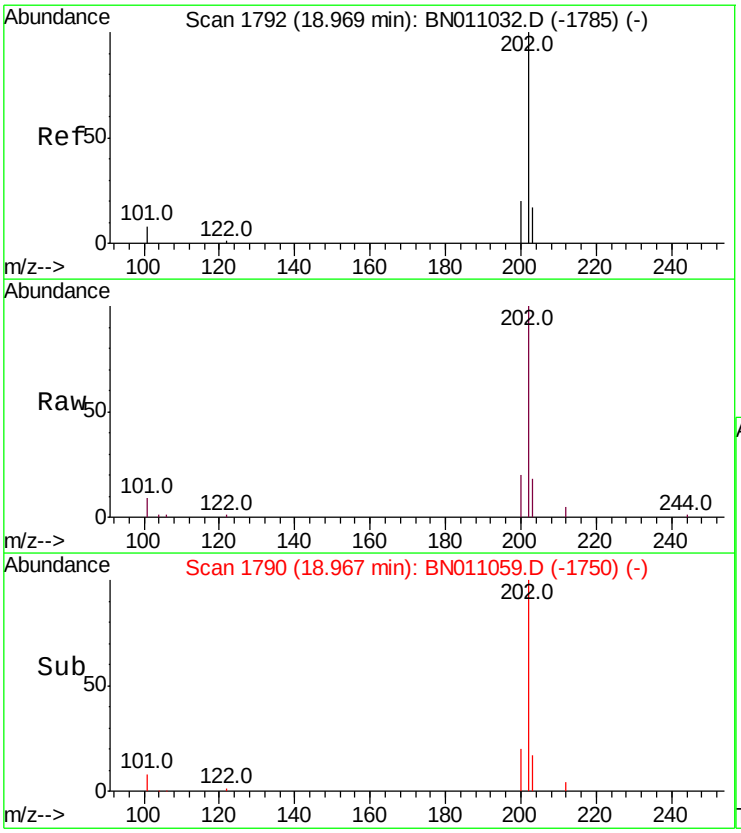
#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 18.94 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:212 Resp: 10115

Ion	Ratio	Lower	Upper
212	100		
106	9.1	7.7	11.5
104	5.7	4.6	6.8

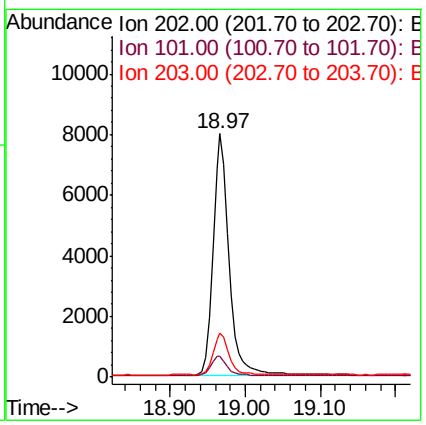


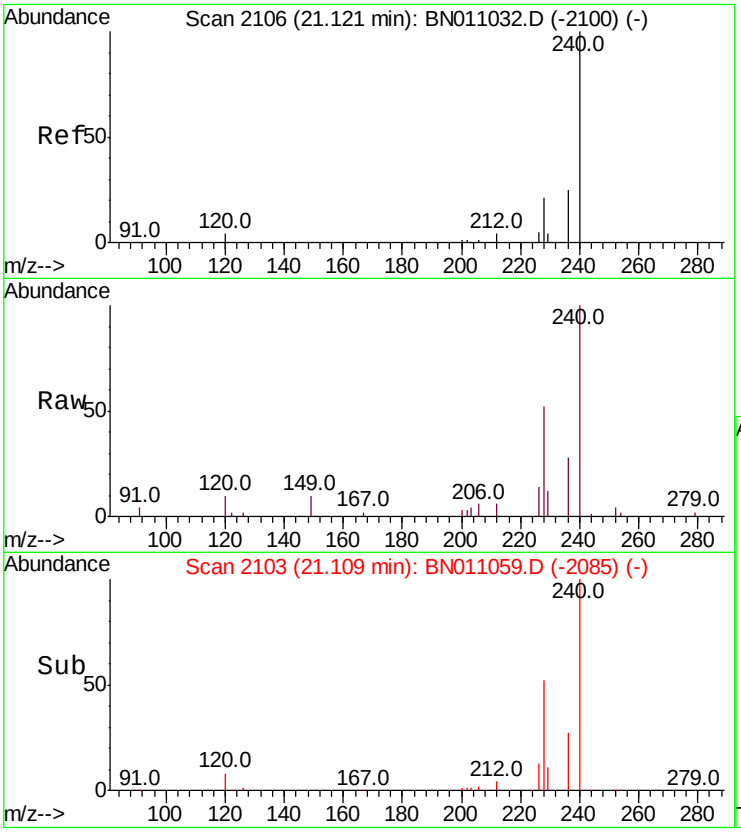


#28
Fluoranthene
Concen: 0.397 ng
RT: 18.97 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:202 Resp: 12034

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.6	10.0
203	17.1	13.8	20.6



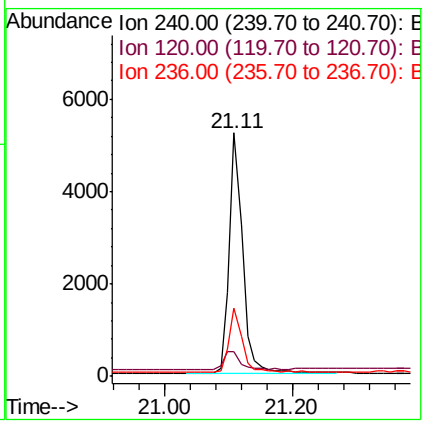


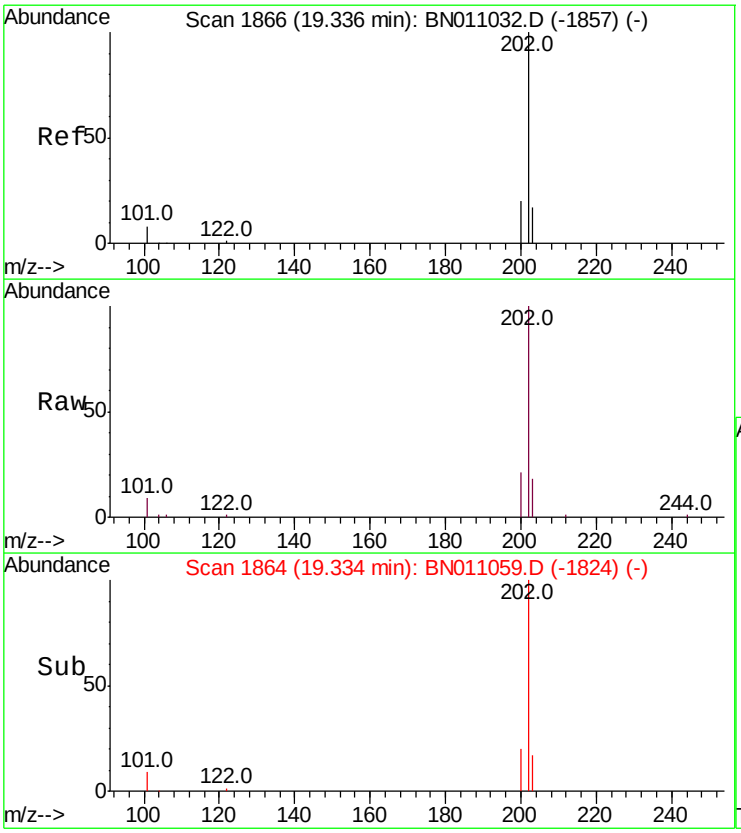
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:240 Resp: 7652

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.4	8.0#
236	28.1	21.4	32.2

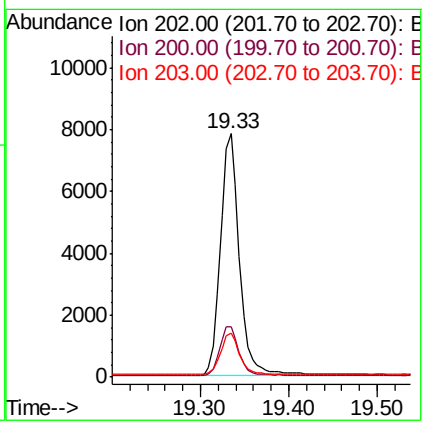


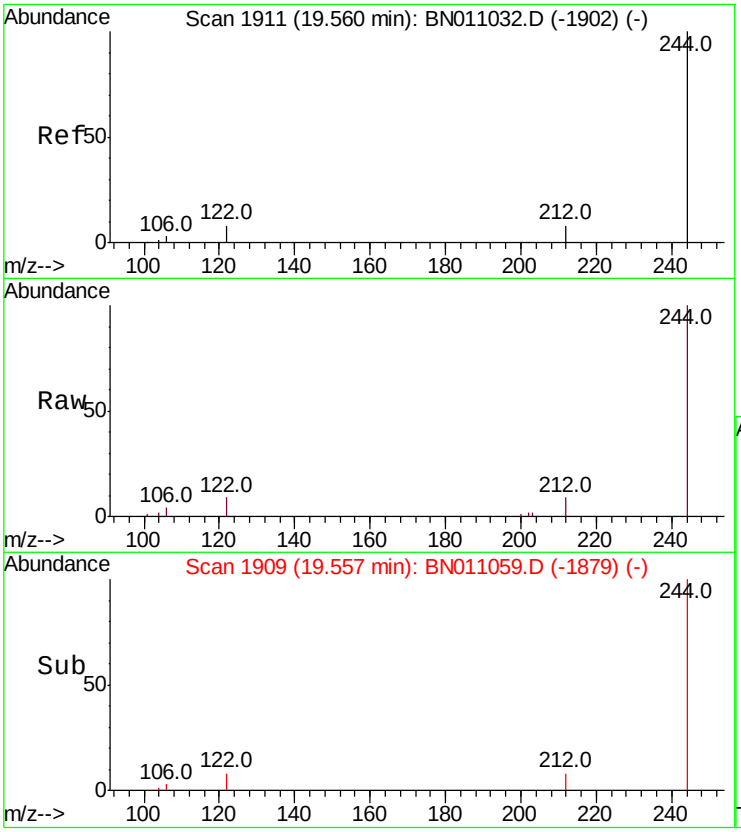


#30
Pyrene
Concen: 0.396 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:202 Resp: 11665

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.5	14.2	21.2



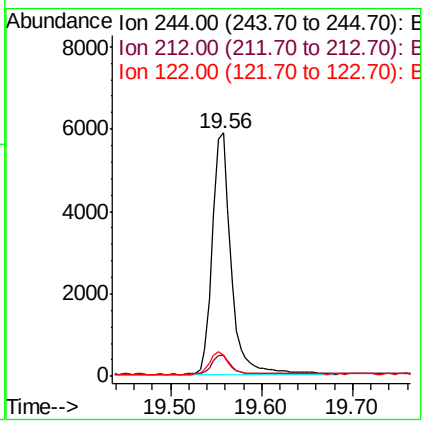


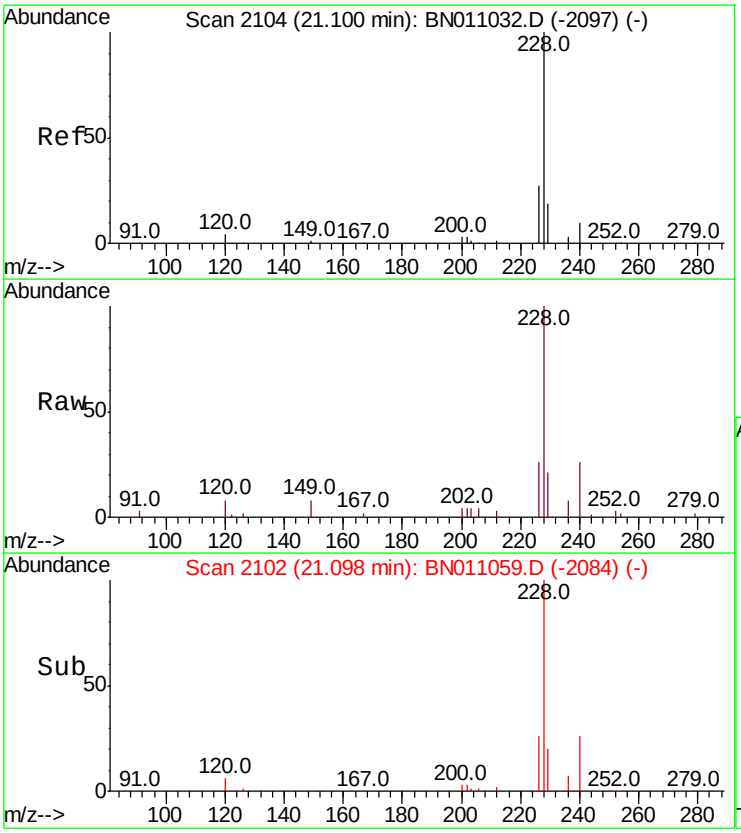
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.56 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:244 Resp: 8303

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.7	7.4	11.0

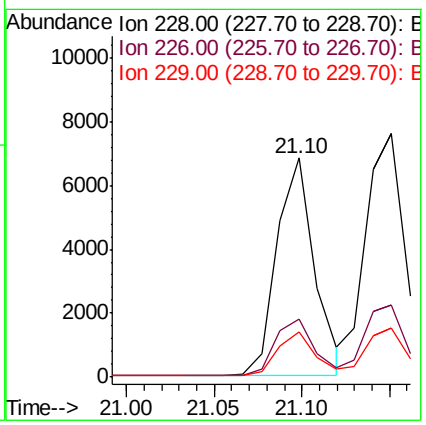


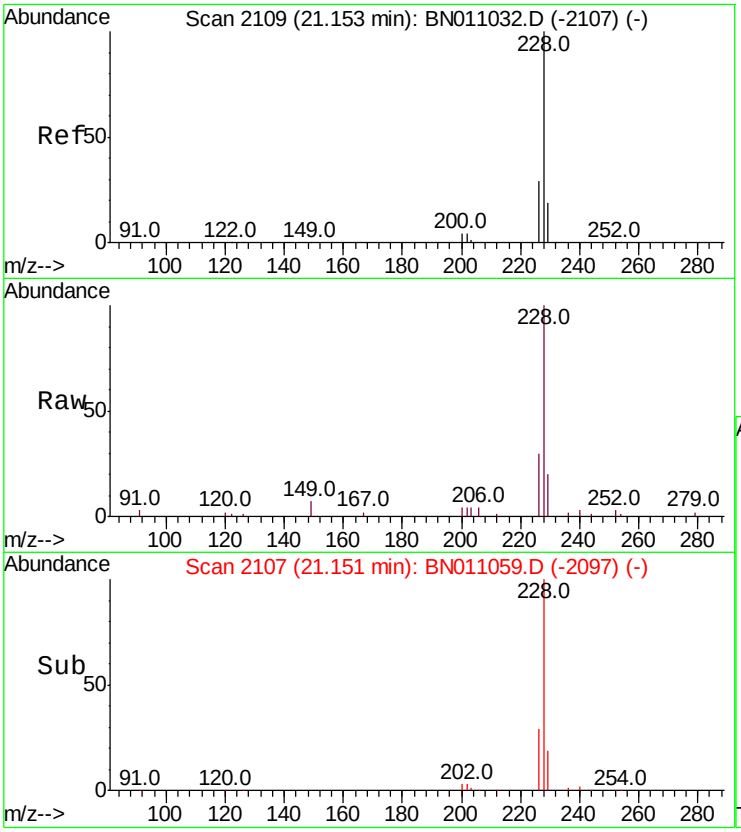


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.10 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:228 Resp: 10161

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.0	33.0
229	20.6	15.9	23.9



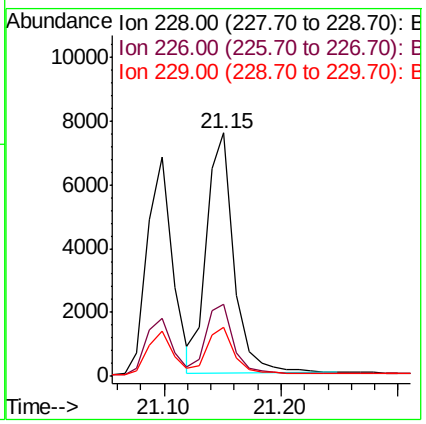


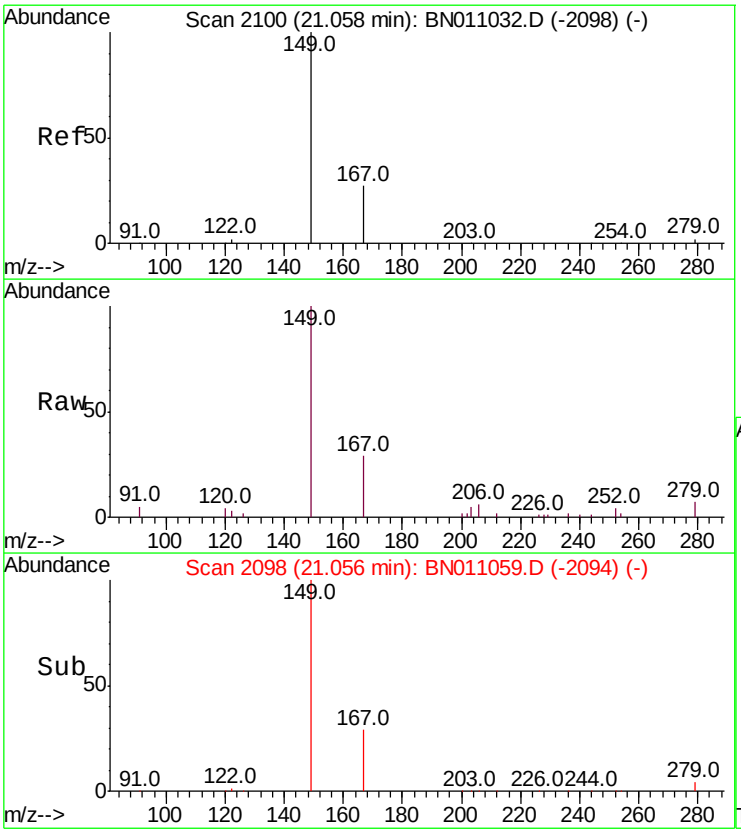
#33
Chrysene
Concen: 0.423 ng
RT: 21.15 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:228 Resp: 12222

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	20.1	15.8	23.6

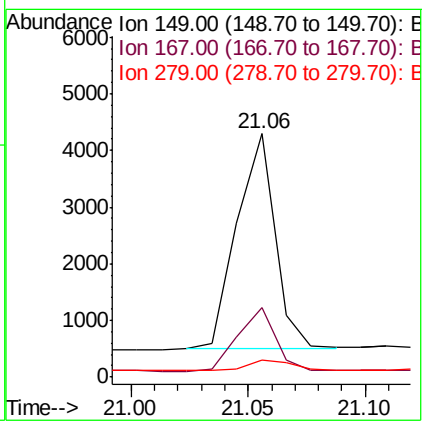


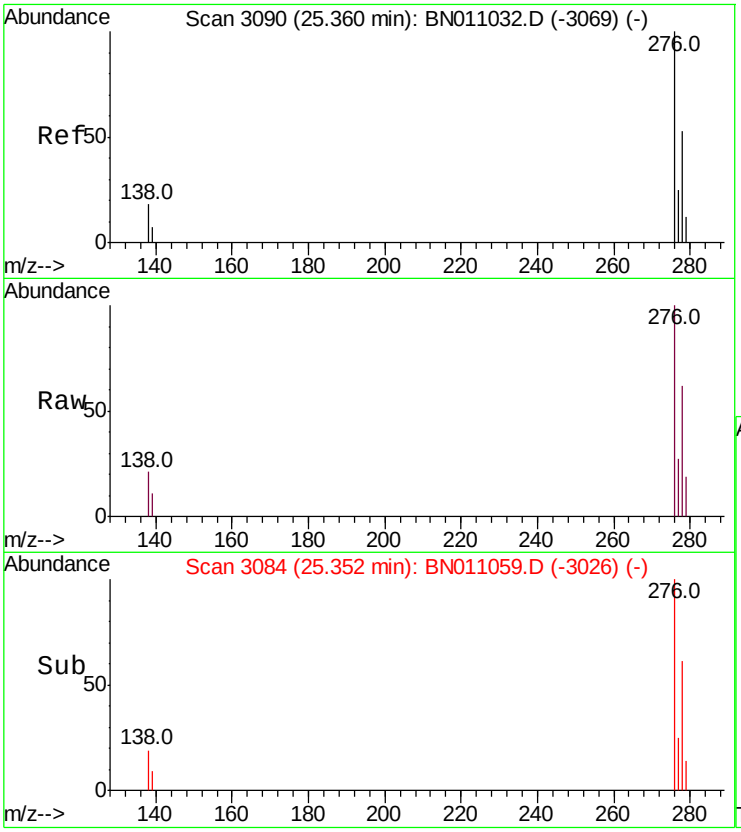


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.408 ng
RT: 21.06 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:149 Resp: 4347

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.2	3.9	5.9



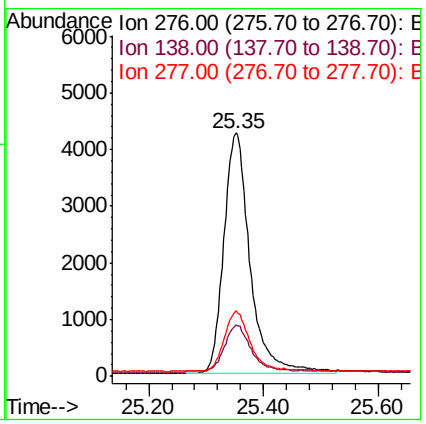


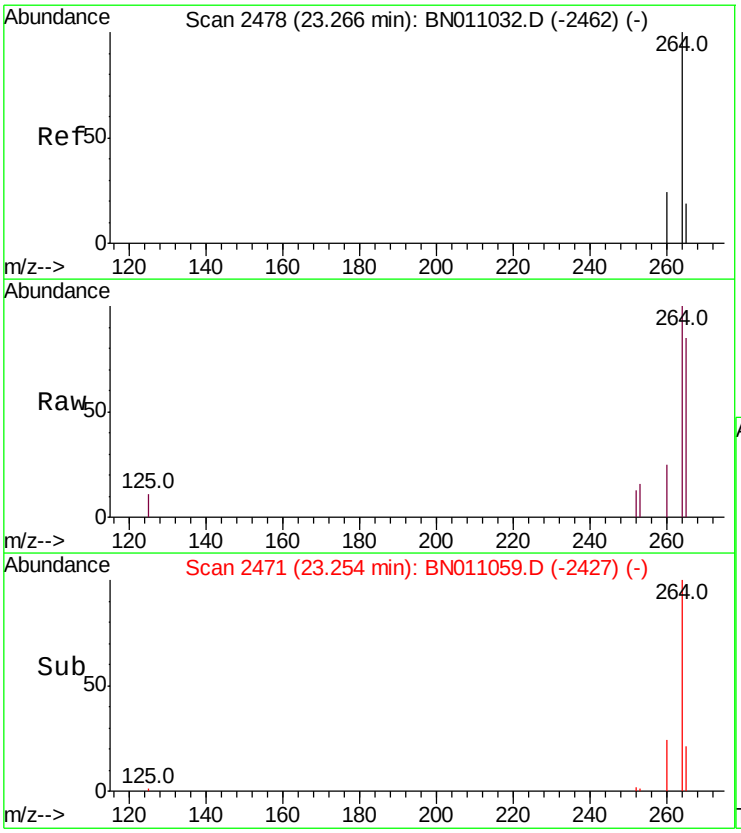
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 25.35 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:276 Resp: 13417

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.2	24.2
277	24.9	19.9	29.9

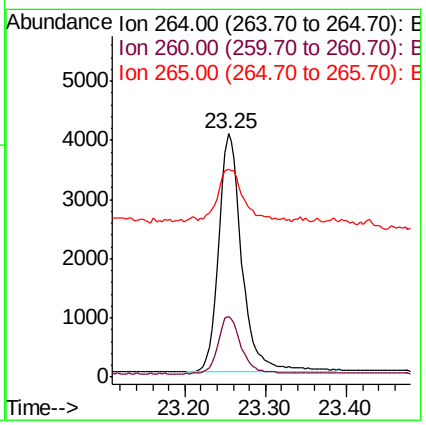


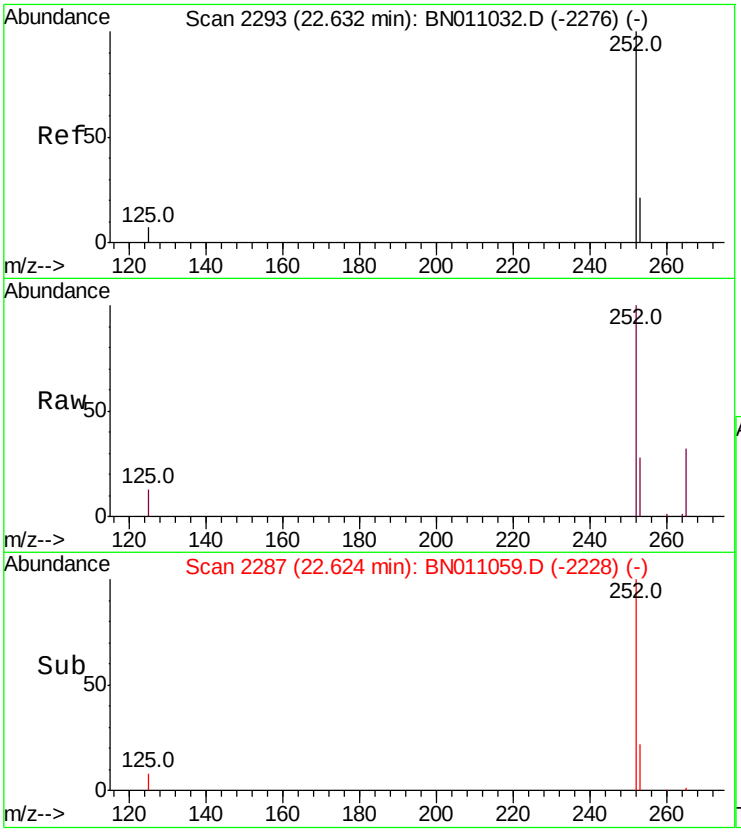


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:264 Resp: 7978

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	85.2	64.9	97.3



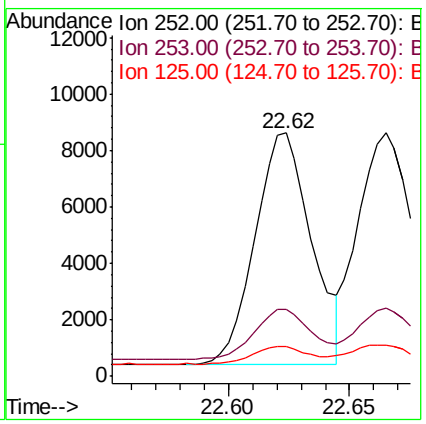


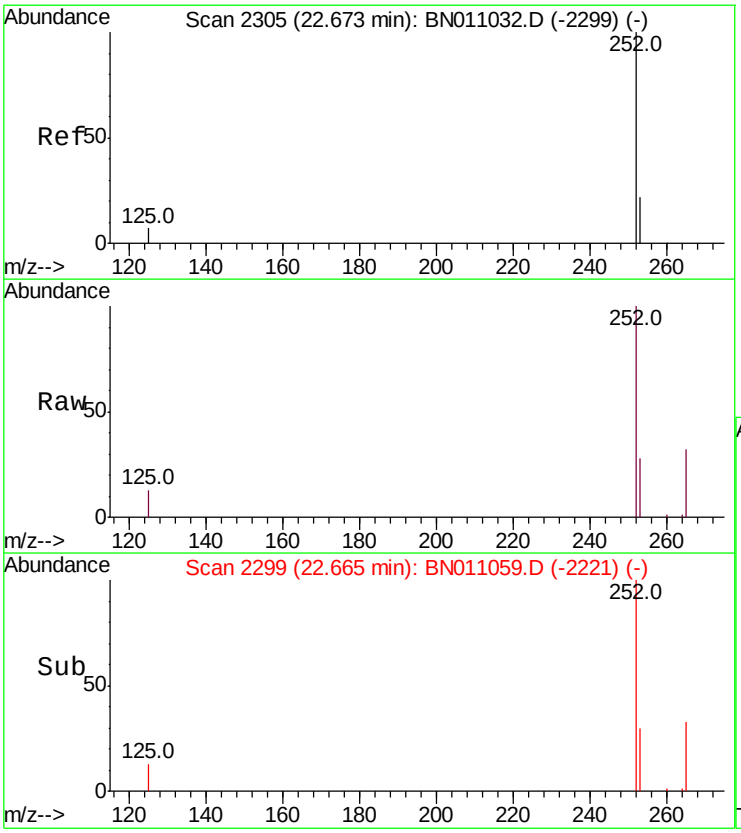
#37
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.62 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:252 Resp: 13354

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.4	32.0
125	12.5	9.3	13.9

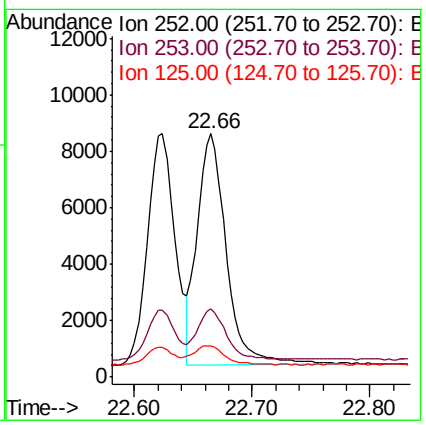


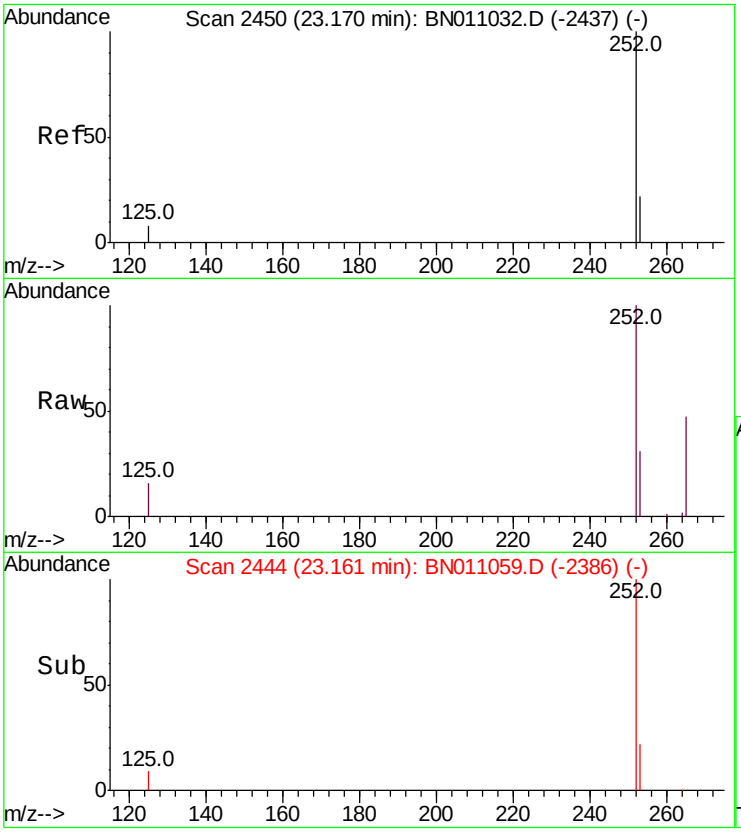


#38
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.66 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:252 Resp: 13930

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.8	32.6
125	12.8	9.8	14.6



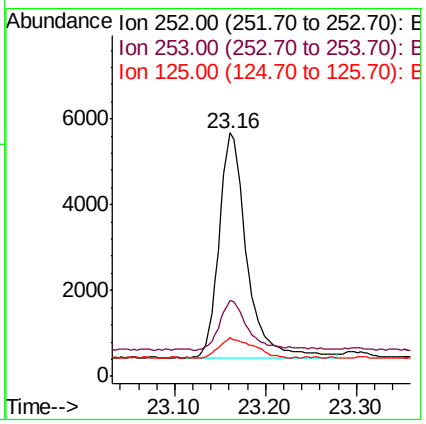


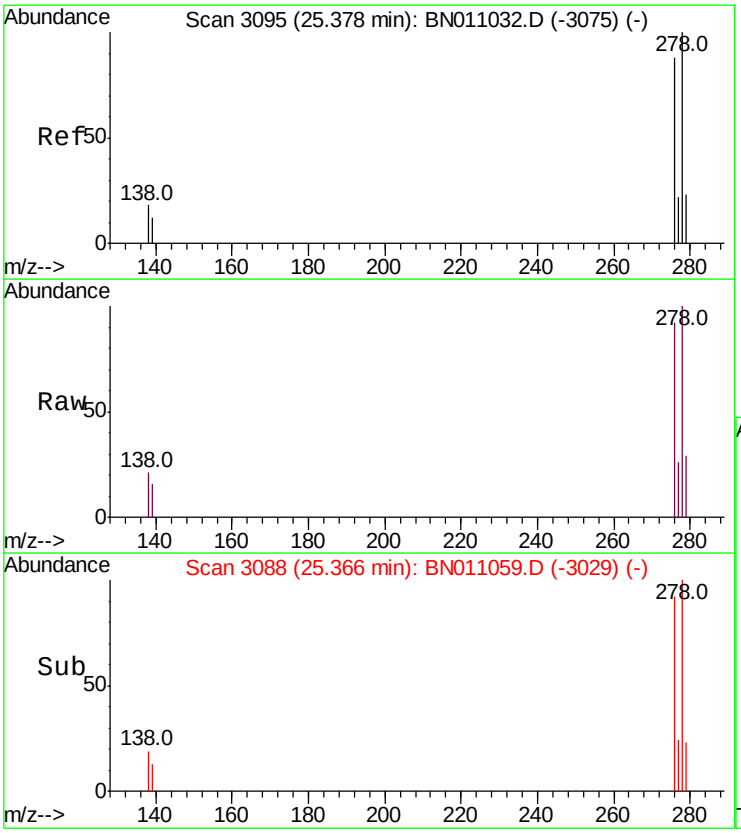
#39
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.16 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:252 Resp: 11217

Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.1	34.7
125	15.9	11.2	16.8

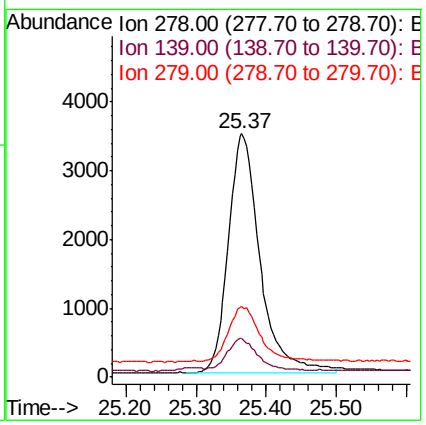


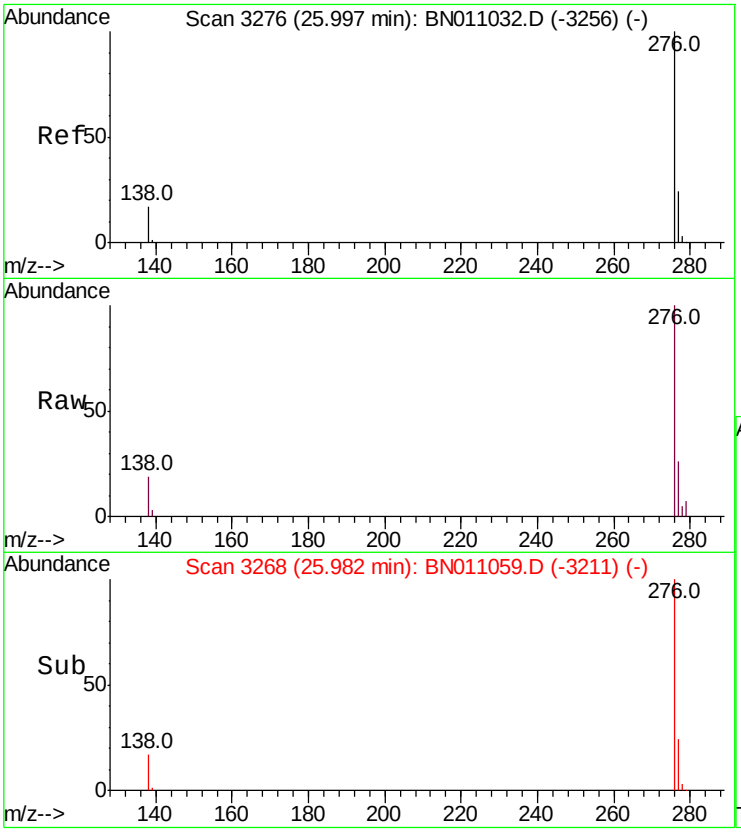


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 25.37 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:278 Resp: 10829

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.2	16.8
279	29.0	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 25.98 min Scan# 3268
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tgt Ion:276 Resp: 11416

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.4	30.6
138	19.3	15.1	22.7