Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011143.D
Acq On : 10 Jul 2020 11:22
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jul 10 11:53:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration

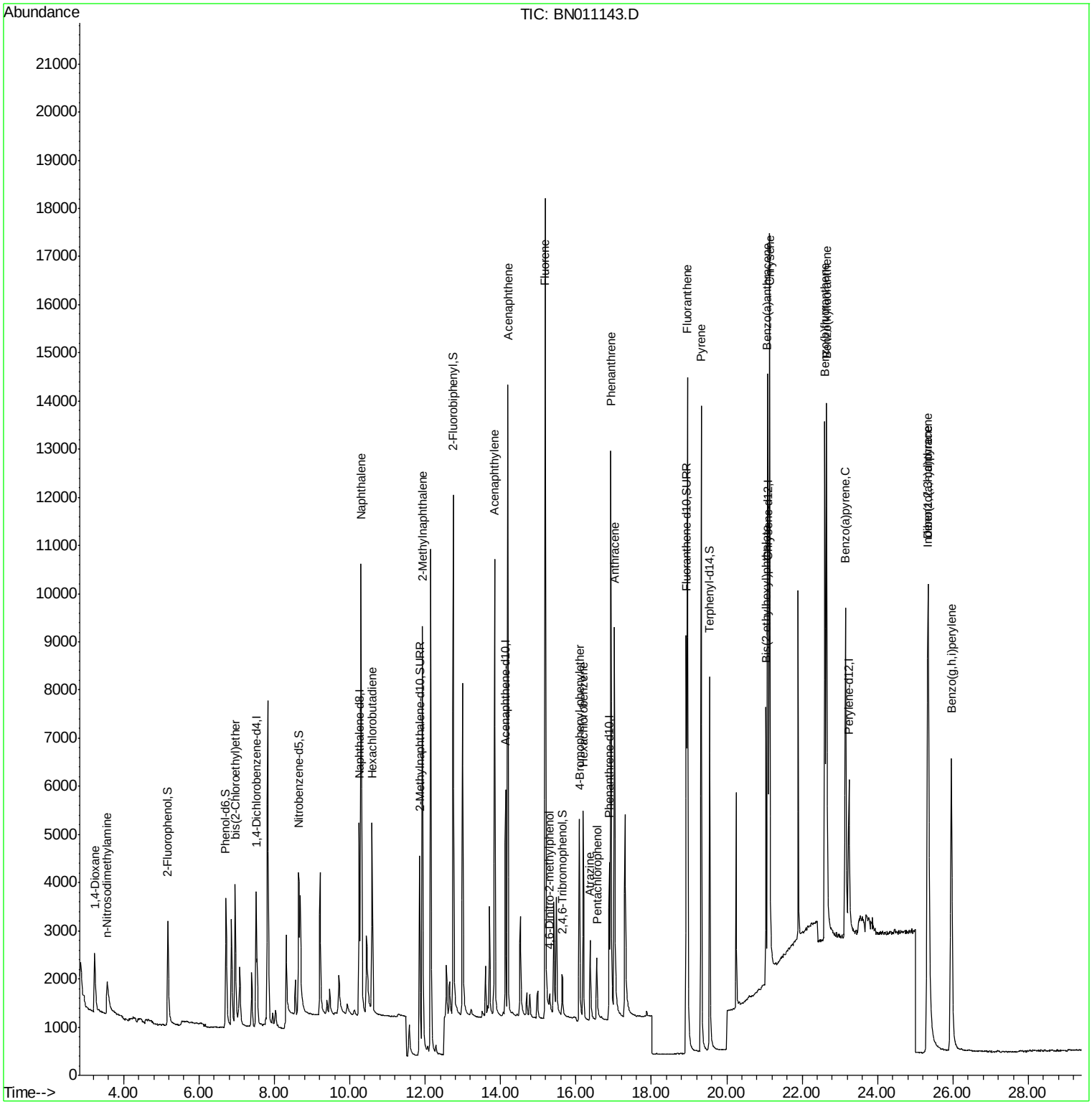
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1648	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5640	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2929	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5435	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5135	0.40	ng		0.00
36) Perylene-d12	23.24	264	4705	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	3014	0.73	ng		0.00
5) Phenol-d6	6.71	99	3573	0.76	ng		0.00
8) Nitrobenzene-d5	8.64	82	3579	0.75	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	6756	0.69	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	888	0.72	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	11089	0.80	ng		0.00
27) Fluoranthene-d10	18.93	212	12208	0.74	ng		0.00
31) Terphenyl-d14	19.55	244	10145	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1765	0.759	ng		98
3) n-Nitrosodimethylamine	3.56	42	919	0.783	ng	#	95
6) bis(2-Chloroethyl)ether	6.96	93	3055	0.713	ng		98
9) Naphthalene	10.30	128	12943	0.769	ng		98
10) Hexachlorobutadiene	10.60	225	2996	0.702	ng	#	100
12) 2-Methylnaphthalene	11.93	142	7691	0.683	ng		97
16) Acenaphthylene	13.84	152	11330	0.772	ng		100
17) Acenaphthene	14.20	154	7533	0.757	ng		98
18) Fluorene	15.19	166	8557	0.688	ng		100
20) 4,6-Dinitro-2-methylphenol	15.30	198	531	0.915	ng	#	82
21) 4-Bromophenyl-phenylether	16.10	248	2748	0.761	ng	#	89
22) Hexachlorobenzene	16.19	284	3194	0.750	ng		98
23) Atrazine	16.38	200	1880	0.736	ng		96
24) Pentachlorophenol	16.56	266	911	0.795	ng		94
25) Phenanthrene	16.92	178	13162	0.748	ng		99
26) Anthracene	17.02	178	10749	0.738	ng		99
28) Fluoranthene	18.96	202	14864	0.751	ng		100
30) Pyrene	19.32	202	14640	0.764	ng		99
32) Benzo(a)anthracene	21.08	228	12562	0.732	ng		98
33) Chrysene	21.13	228	14795	0.751	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	5035	0.726	ng		97
35) Indeno(1,2,3-cd)pyrene	25.33	276	15470	0.751	ng		98
37) Benzo(b)fluoranthene	22.60	252	13970	0.741	ng		95
38) Benzo(k)fluoranthene	22.65	252	15668	0.776	ng	#	94
39) Benzo(a)pyrene	23.15	252	12207	0.751	ng	#	91
40) Dibenzo(a,h)anthracene	25.35	278	12446	0.747	ng		96
41) Benzo(g,h,i)perylene	25.96	276	13884	0.757	ng		99

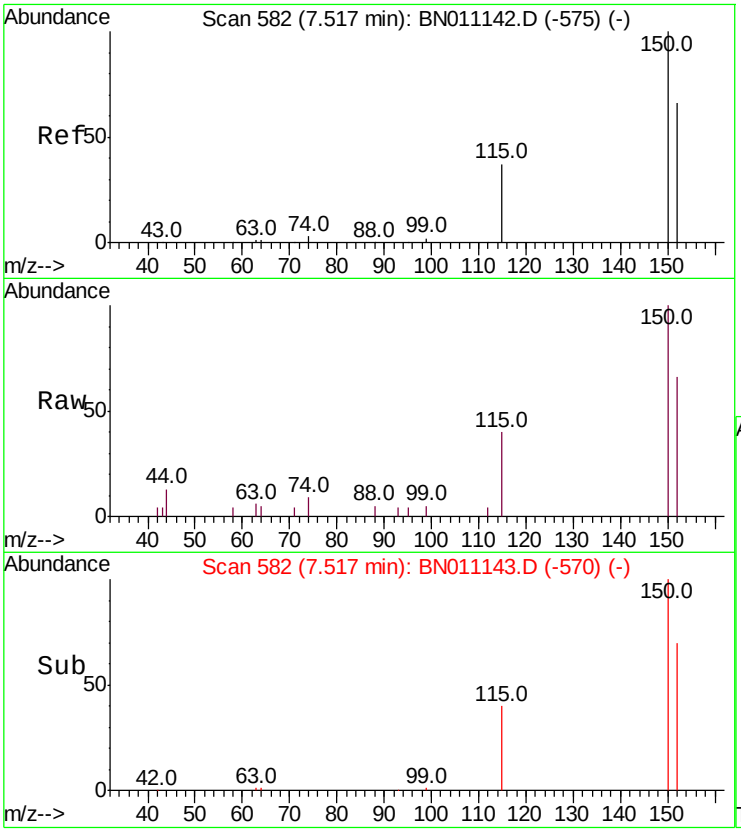
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011143.D
Acq On : 10 Jul 2020 11:22
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 10 11:53:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration



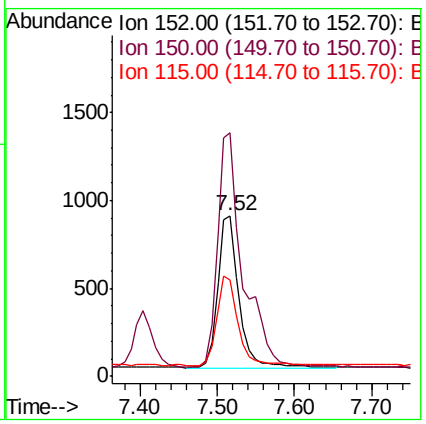


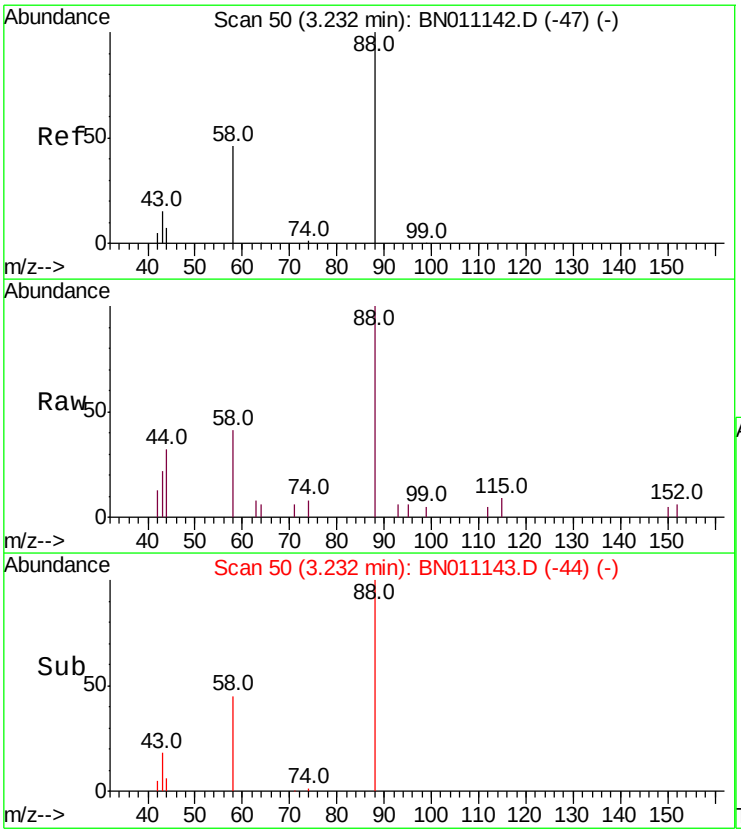
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1648

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.4	179.0
115	60.0	48.3	72.5

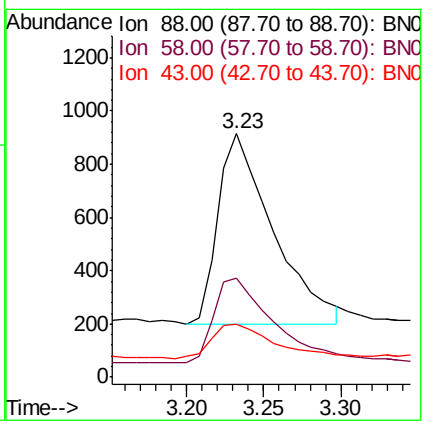


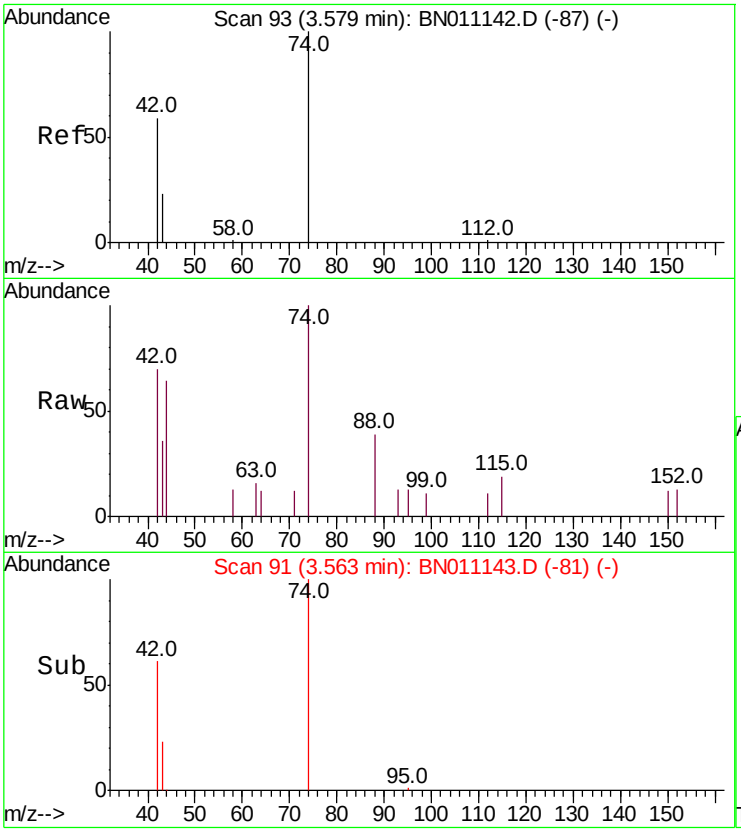


#2
1,4-Dioxane
Concen: 0.759 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion: 88 Resp: 1765

Ion	Ratio	Lower	Upper
88	100		
58	46.9	36.5	54.7
43	18.2	14.3	21.5



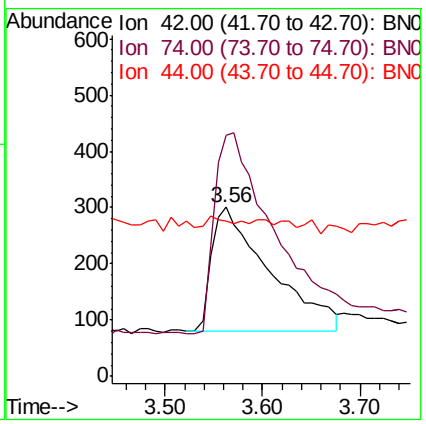


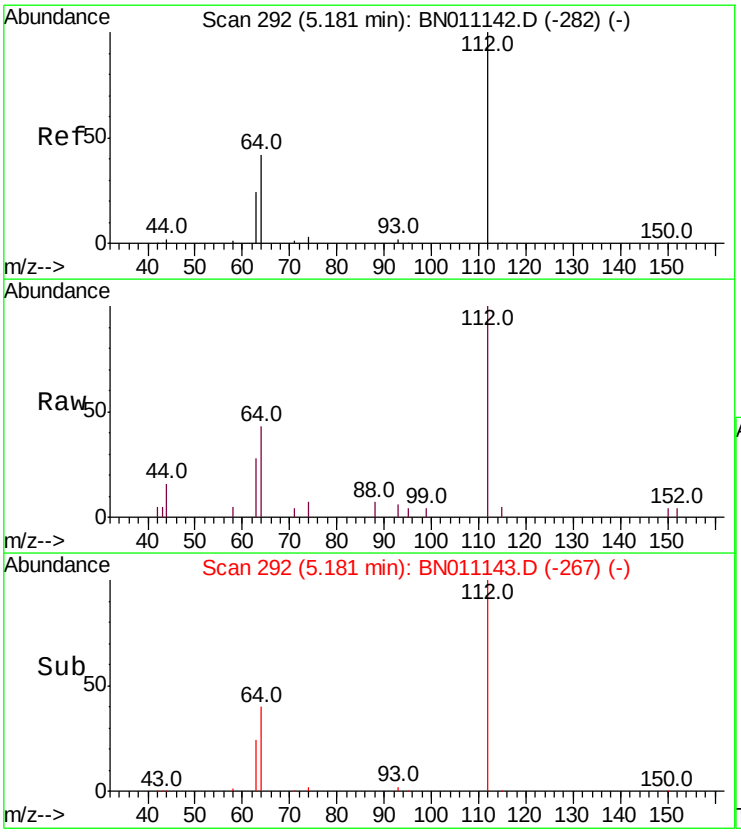
#3
n-Nitrosodimethylamine
Concen: 0.783 ng
RT: 3.56 min Scan# 91
Delta R.T. -0.02 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 919

Ion	Ratio	Lower	Upper
42	100		
74	171.2	140.9	211.3
44	0.0	7.6	11.4#

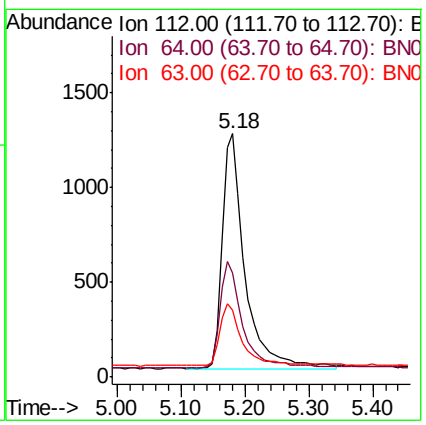


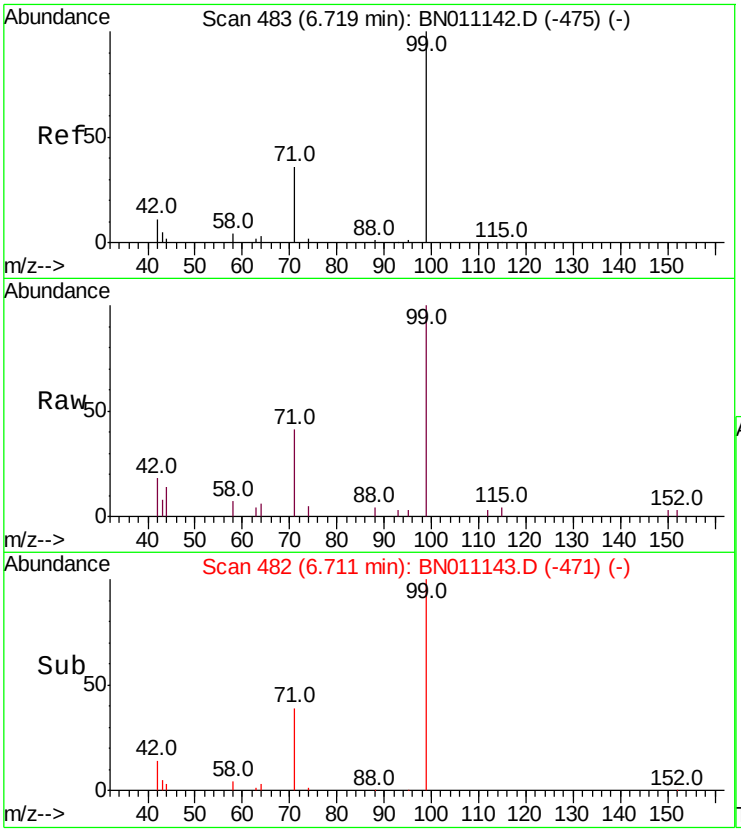


#4
2-Fluorophenol
Concen: 0.735 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:112 Resp: 3014

Ion	Ratio	Lower	Upper
112	100		
64	45.7	36.7	55.1
63	26.3	20.4	30.6



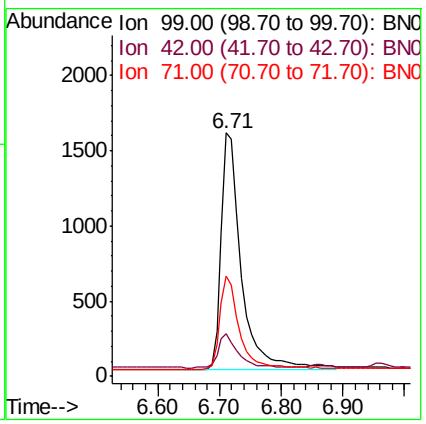


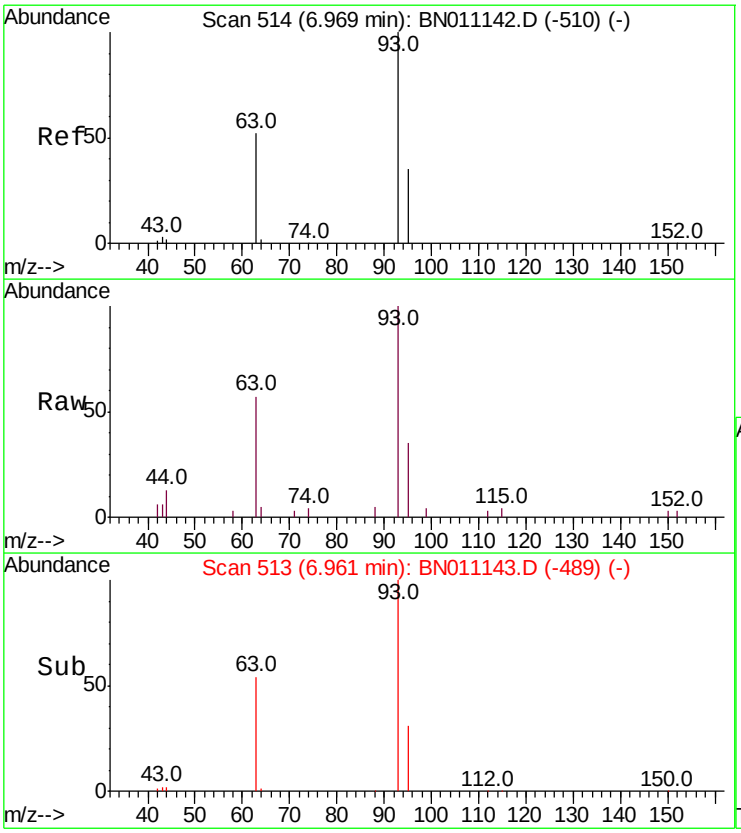
#5
Phenol-d6
Concen: 0.758 ng
RT: 6.71 min Scan# 482
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3573

Ion	Ratio	Lower	Upper
99	100		
42	14.5	10.8	16.2
71	39.2	31.3	46.9

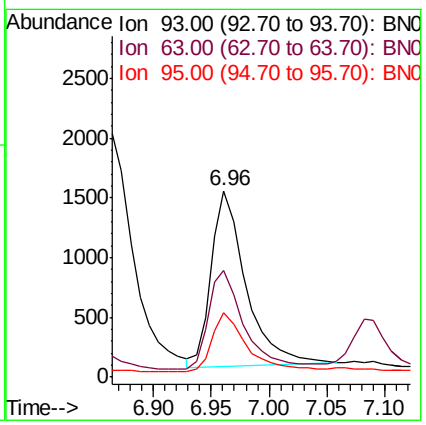


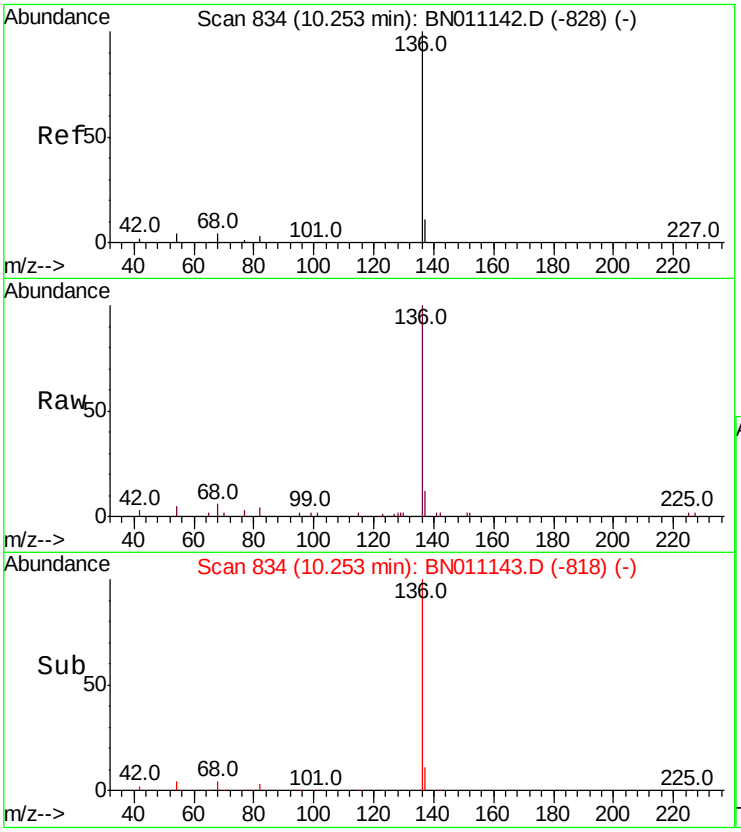


#6
bis(2-Chloroethyl)ether
Concen: 0.713 ng
RT: 6.96 min Scan# 513
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion: 93 Resp: 3055

Ion	Ratio	Lower	Upper
93	100		
63	57.8	47.4	71.0
95	33.5	28.1	42.1



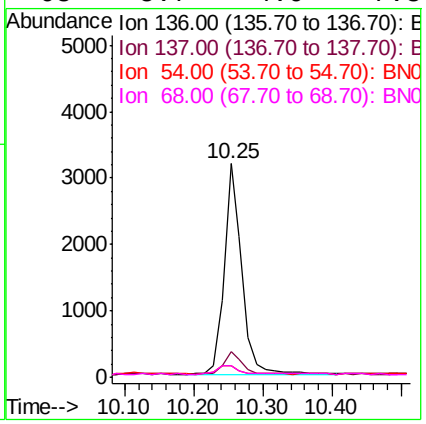


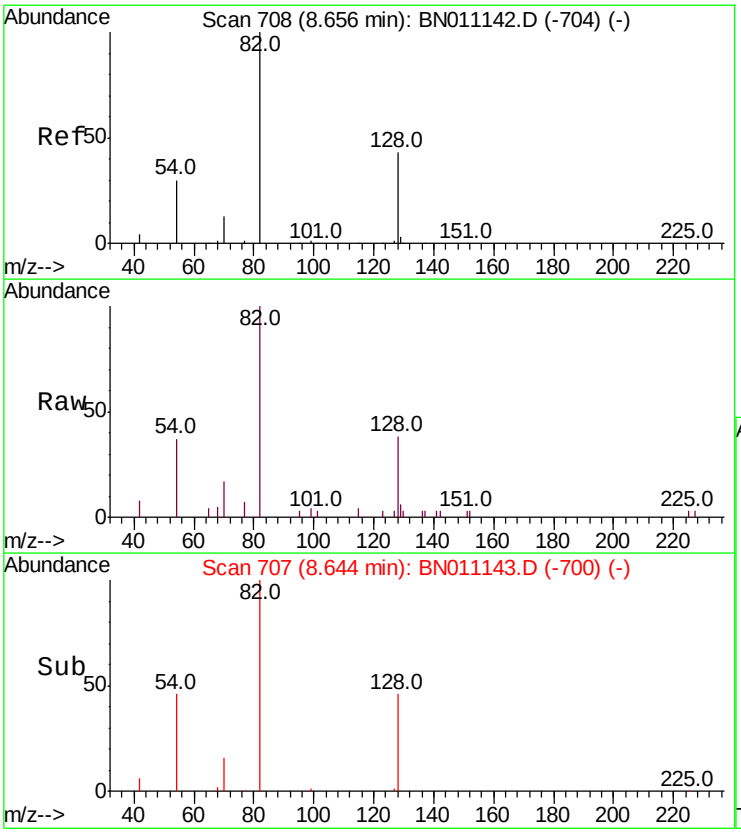
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.25 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 5640

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	5.3	4.9	7.3
68	5.7	4.9	7.3

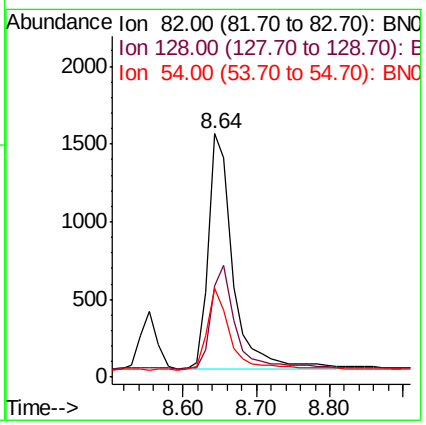


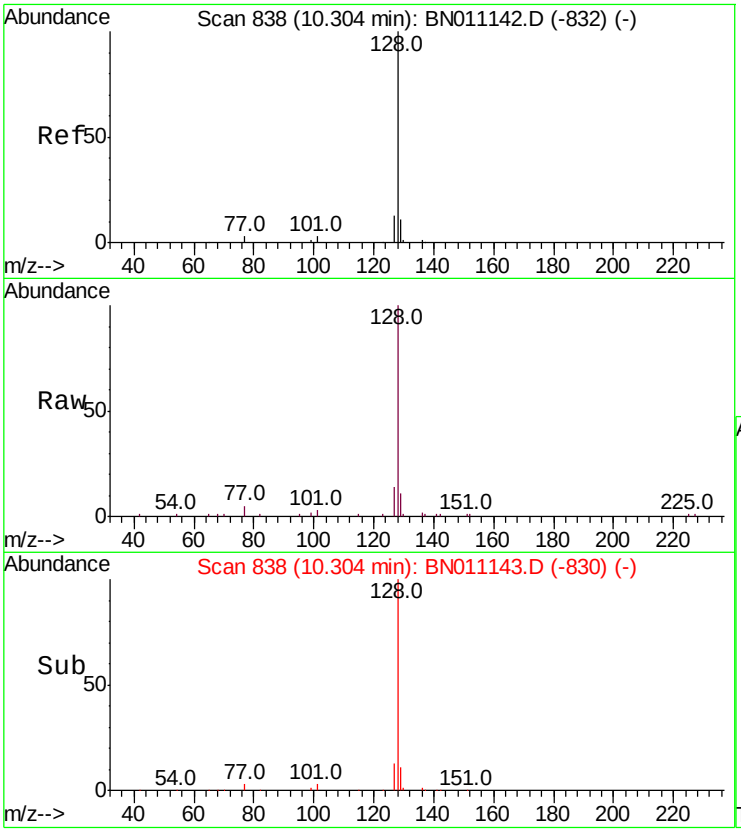


#8
Nitrobenzene-d5
Concen: 0.747 ng
RT: 8.64 min Scan# 707
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion: 82 Resp: 3579

Ion	Ratio	Lower	Upper
82	100		
128	37.6	38.1	57.1#
54	36.6	27.1	40.7



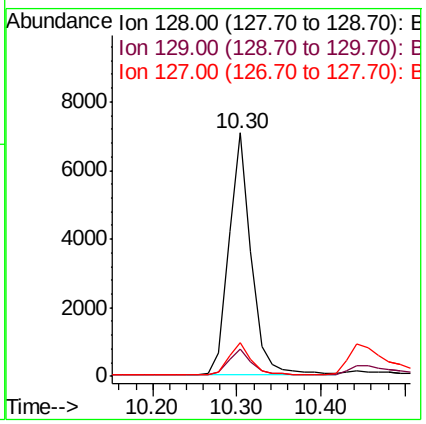


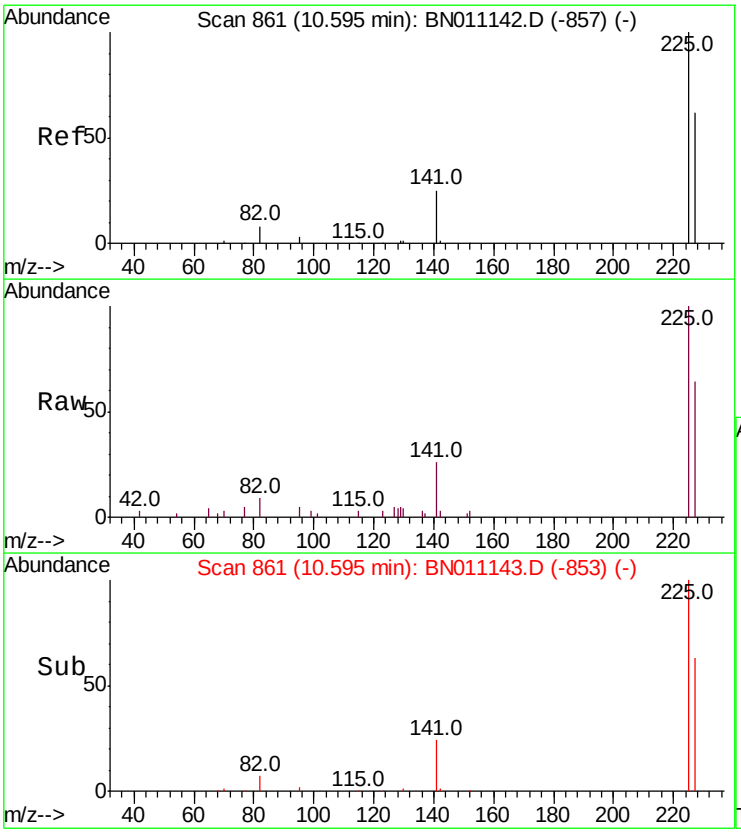
#9
Naphthalene
Concen: 0.769 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 12943

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.8	11.8	17.6

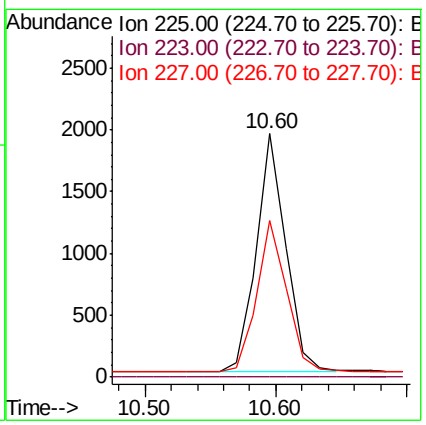


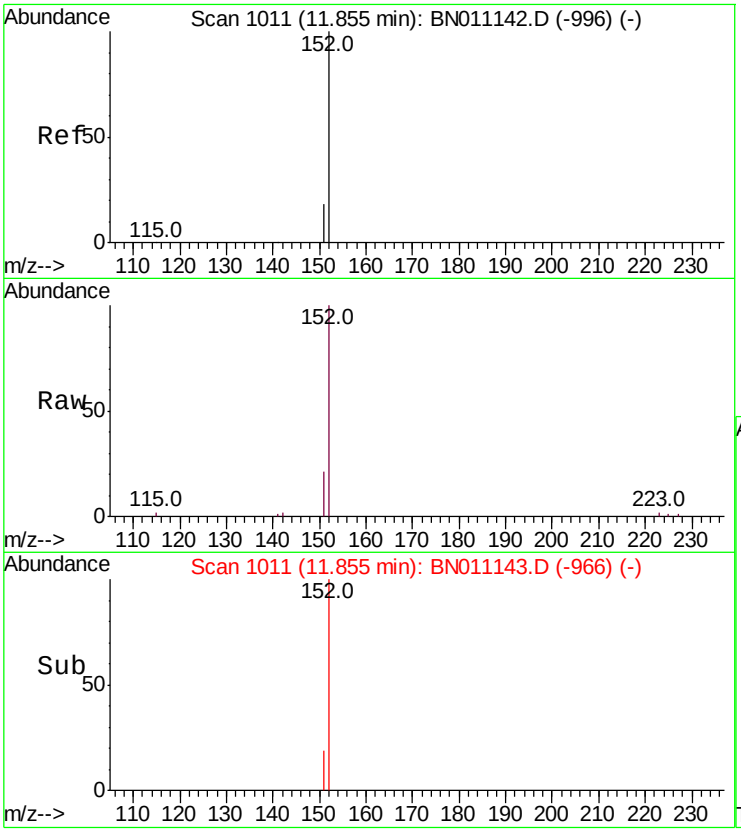


#10
Hexachlorobutadiene
Concen: 0.702 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:225 Resp: 2996

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.2	76.8



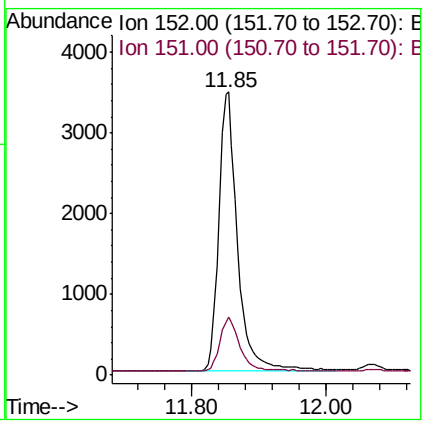


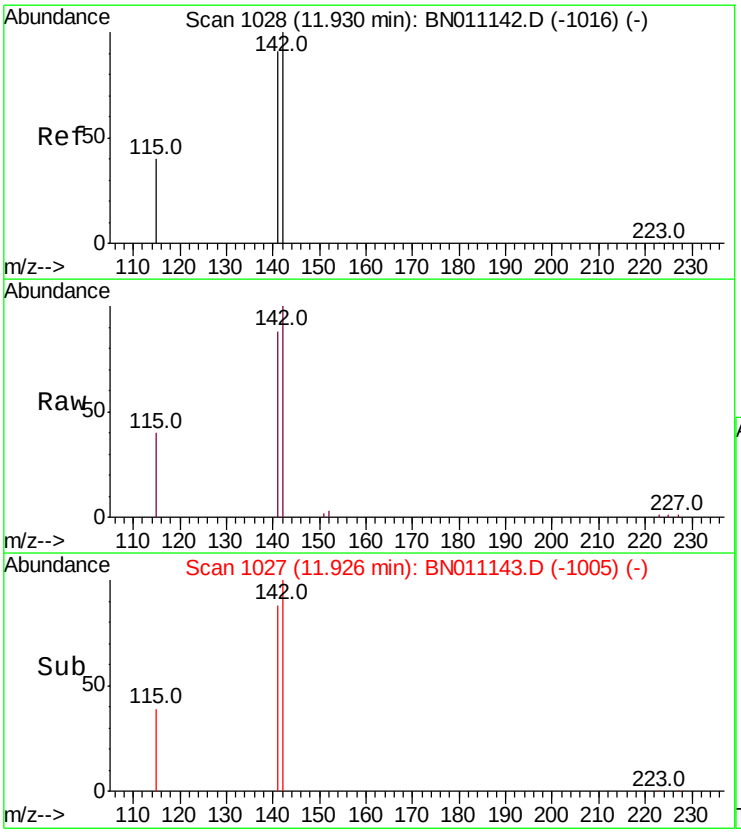
#11
2-Methylnaphthalene-d10
Concen: 0.692 ng
RT: 11.85 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6756

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

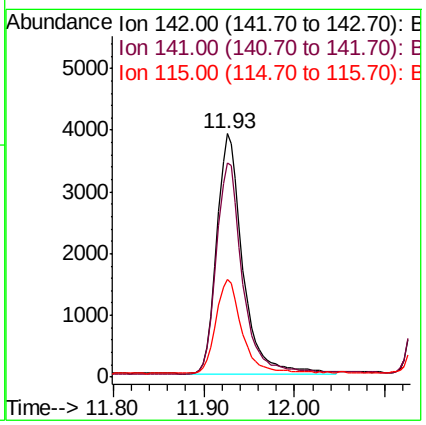


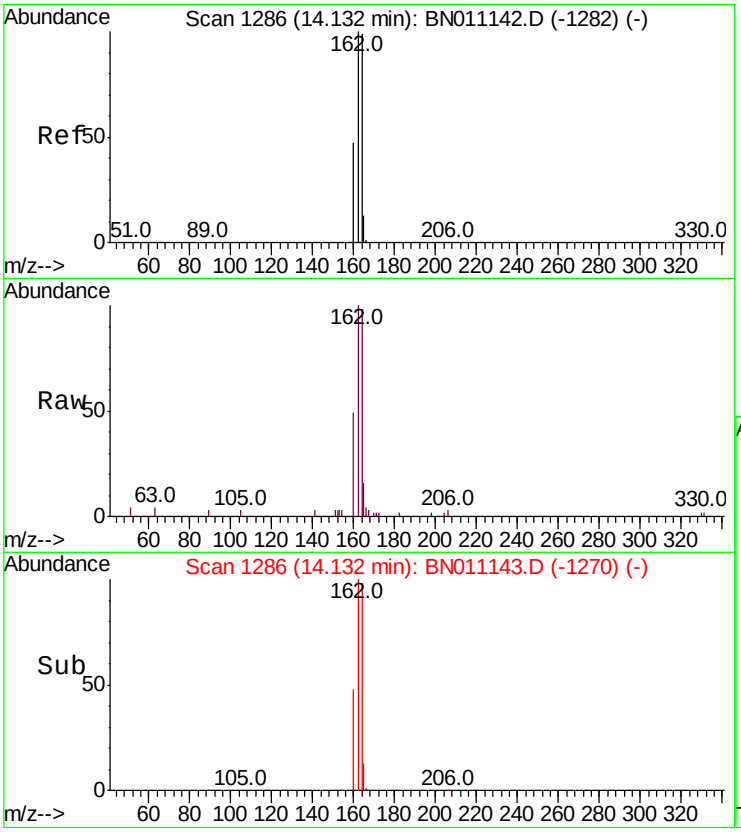


#12
2-Methylnaphthalene
Concen: 0.683 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:142 Resp: 7691

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.7	109.1
115	39.9	33.8	50.6



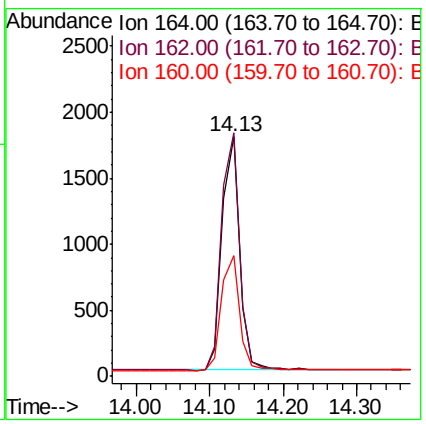


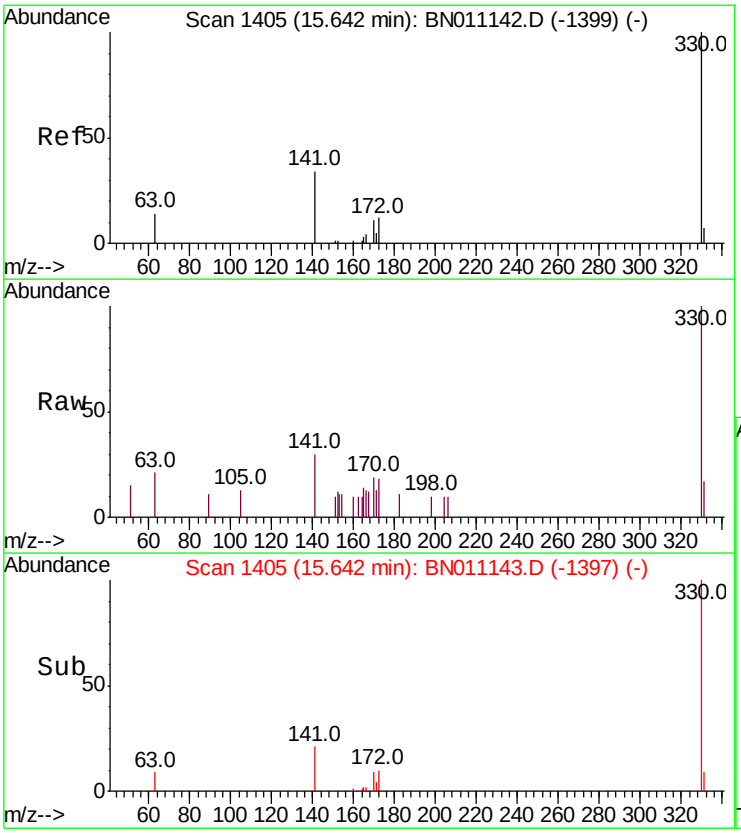
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2929

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	50.3	39.0	58.6

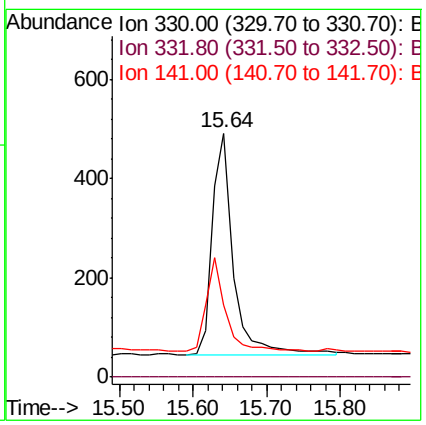


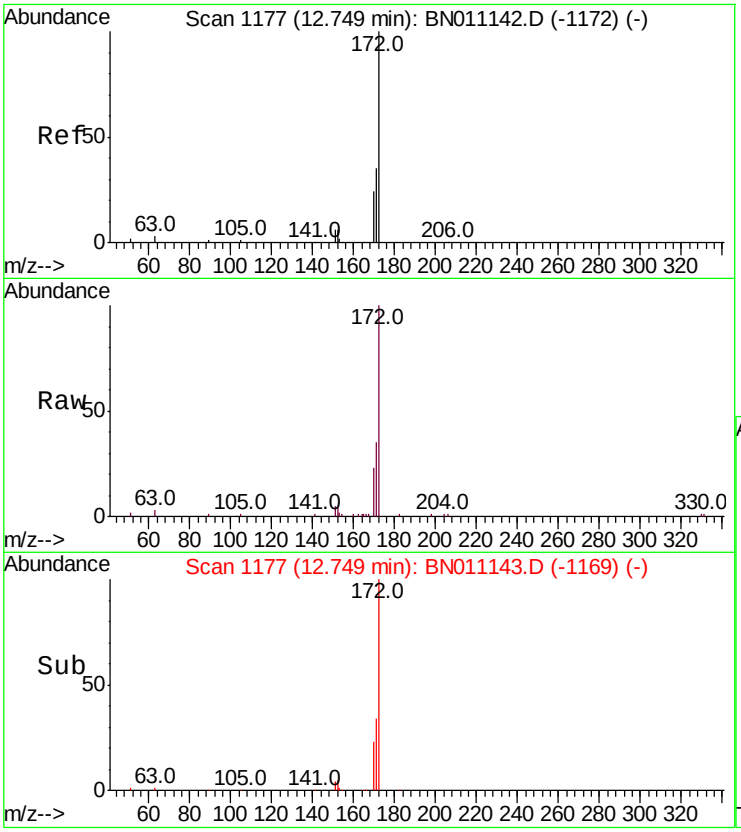


#14
2,4,6-Tribromophenol
Concen: 0.722 ng
RT: 15.64 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:330 Resp: 888

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.0	31.5	47.3



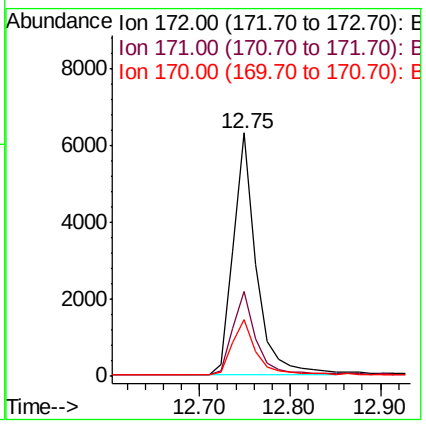


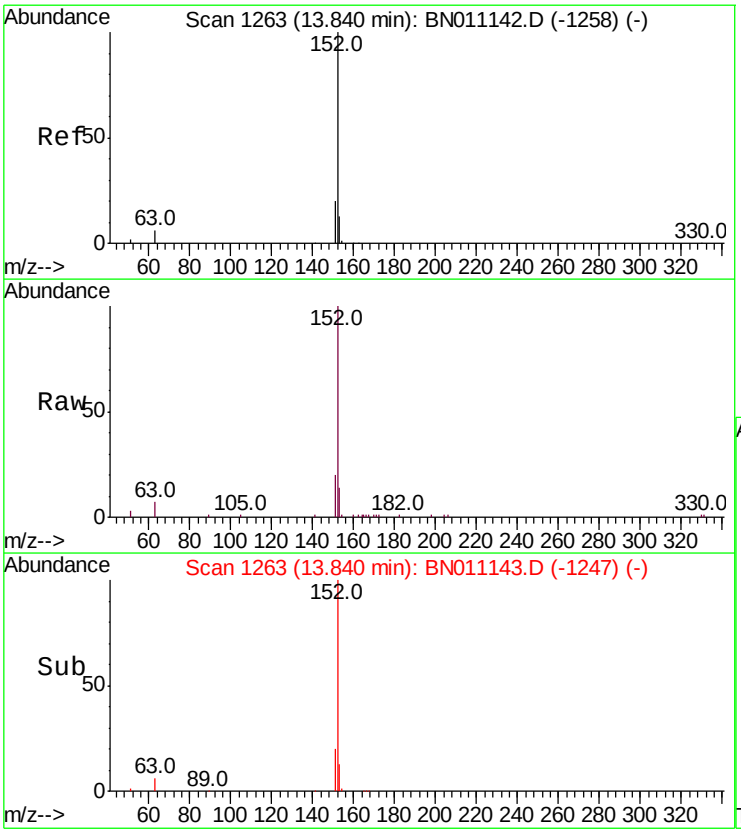
#15
2-Fluorobiphenyl
Concen: 0.804 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11089

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	23.3	20.3	30.5

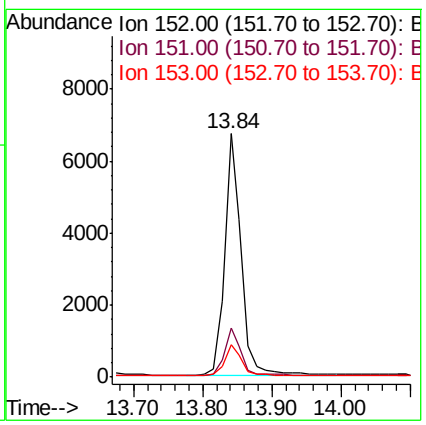


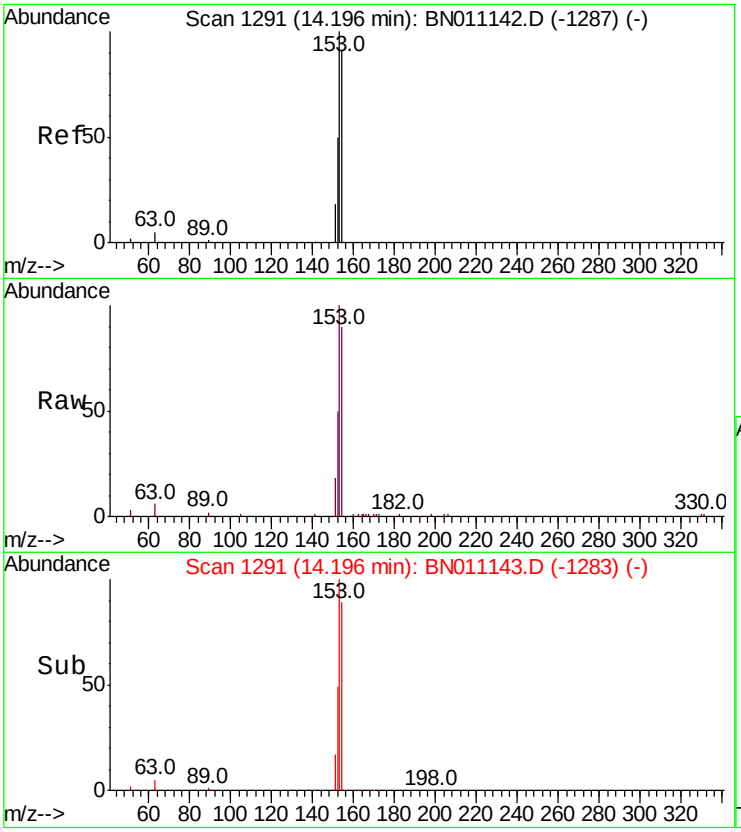


#16
Acenaphthylene
Concen: 0.772 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:152 Resp: 11330

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8



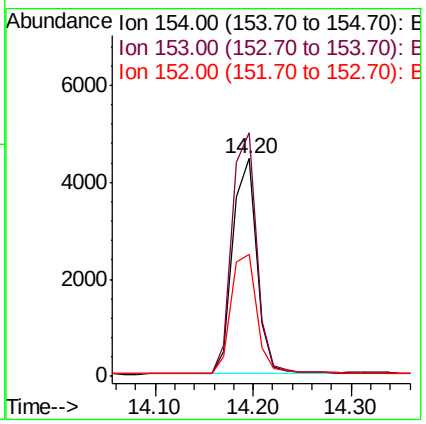


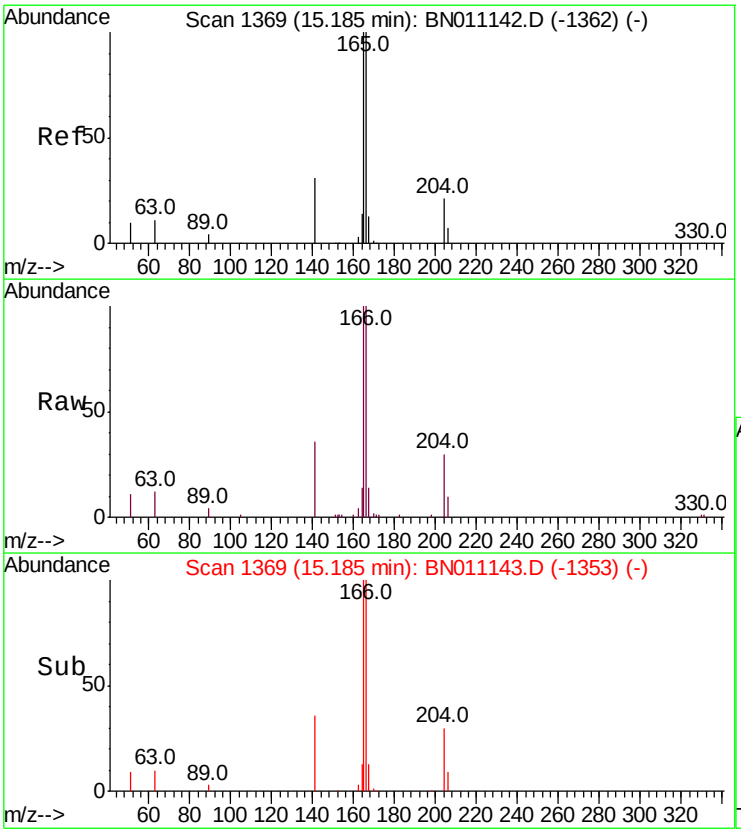
#17
Acenaphthene
Concen: 0.757 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 7533

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.3	136.9
152	59.6	46.6	69.8

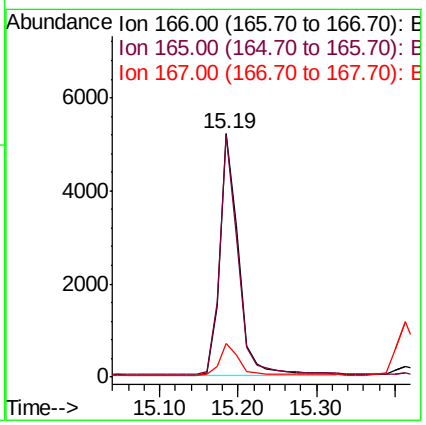


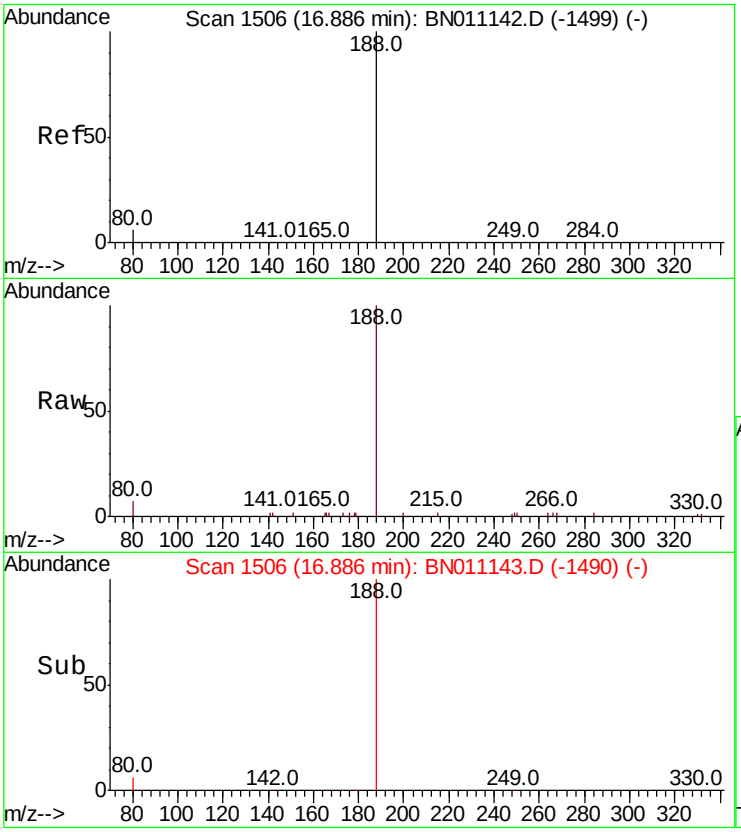


#18
Fluorene
Concen: 0.688 ng
RT: 15.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:166 Resp: 8557

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	13.4	10.5	15.7



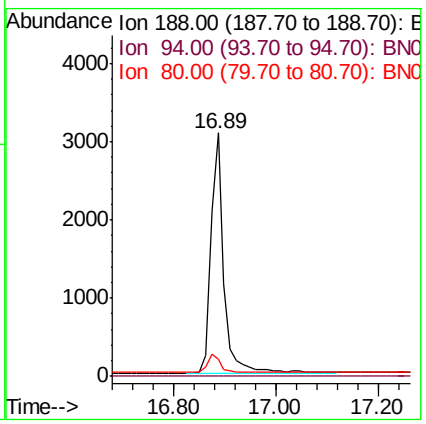


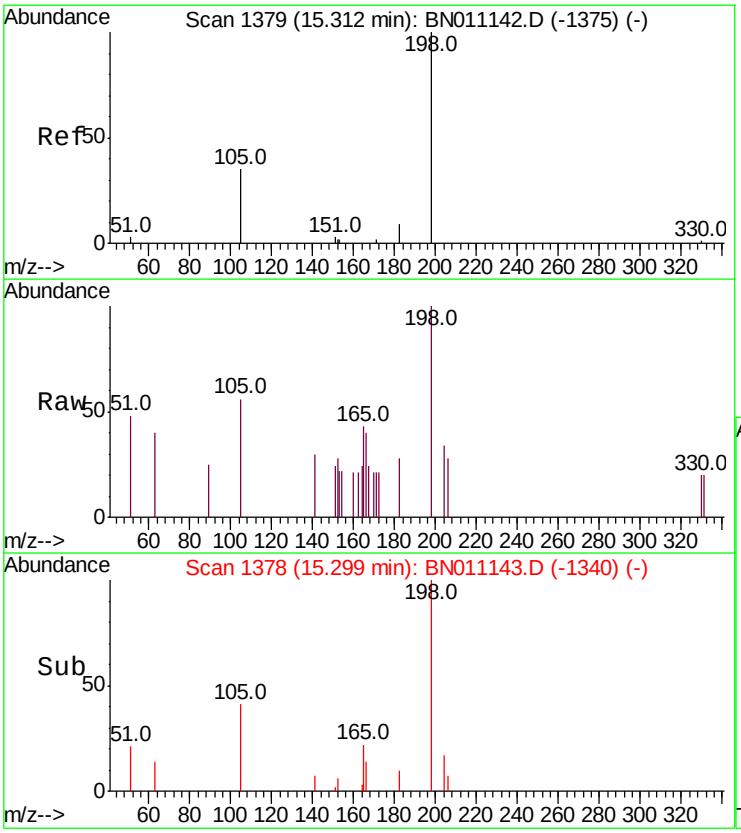
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 5435

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.3	9.5

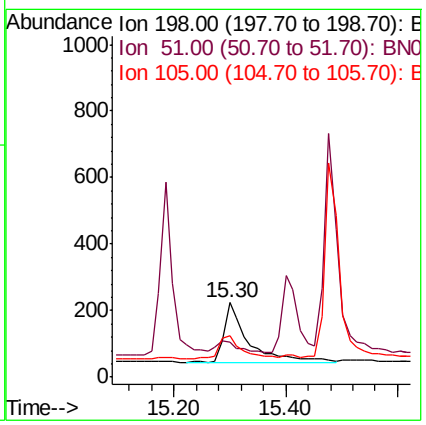


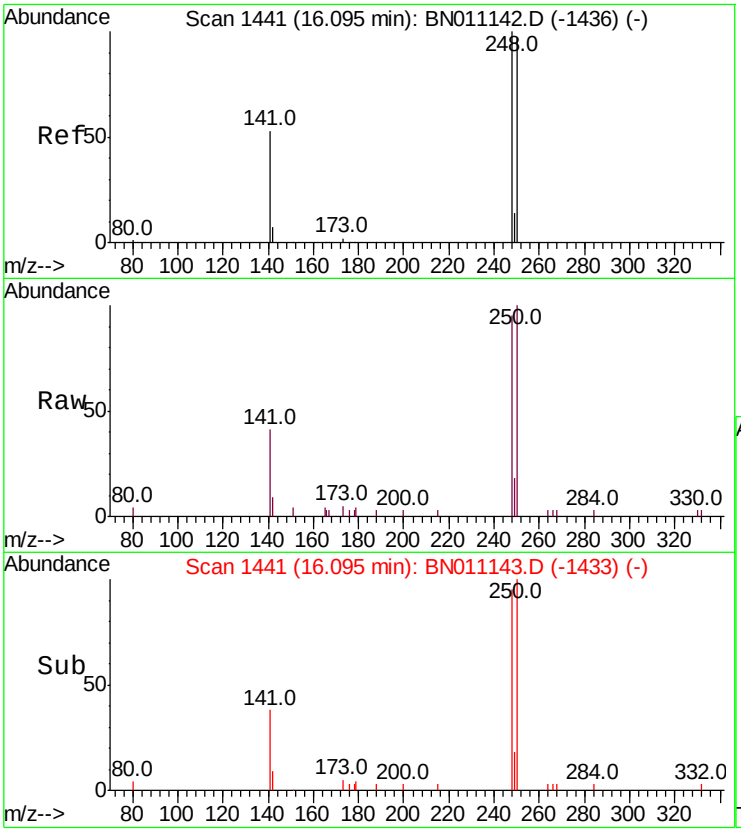


#20
4,6-Dinitro-2-methylphenol
Concen: 0.915 ng
RT: 15.30 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:198 Resp: 531

Ion	Ratio	Lower	Upper
198	100		
51	48.0	53.1	79.7#
105	55.6	51.9	77.9



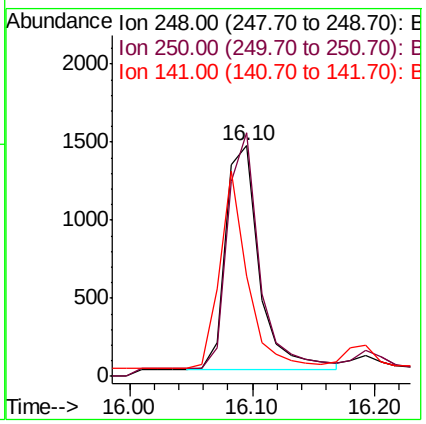


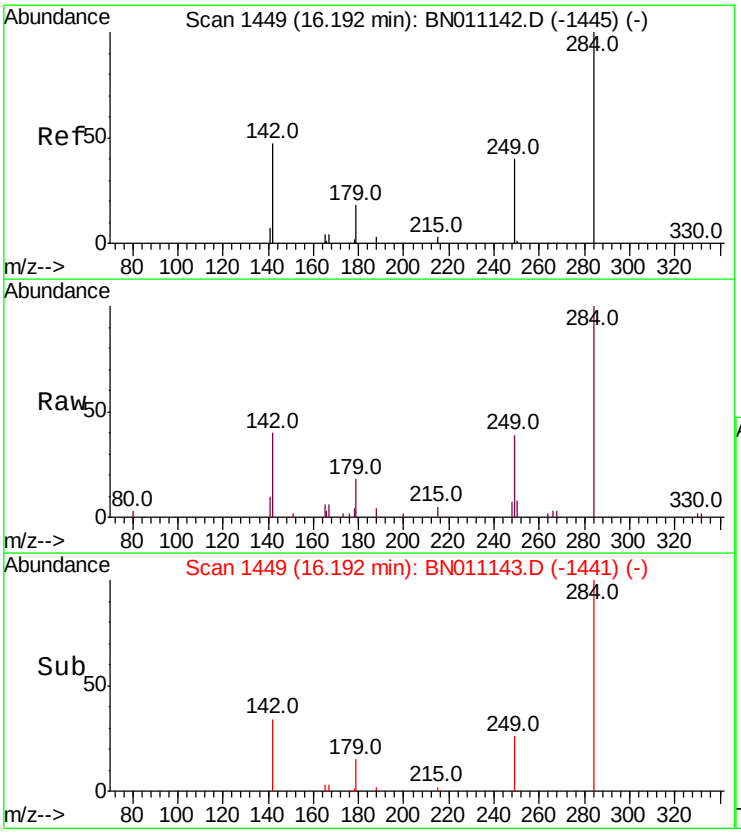
#21
4-Bromophenyl-phenylether
Concen: 0.761 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 2748

Ion	Ratio	Lower	Upper
248	100		
250	105.6	78.4	117.6
141	43.7	45.1	67.7#

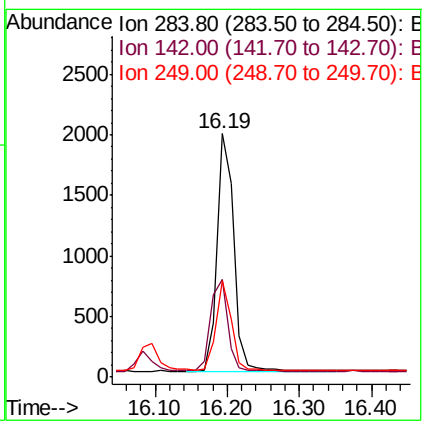


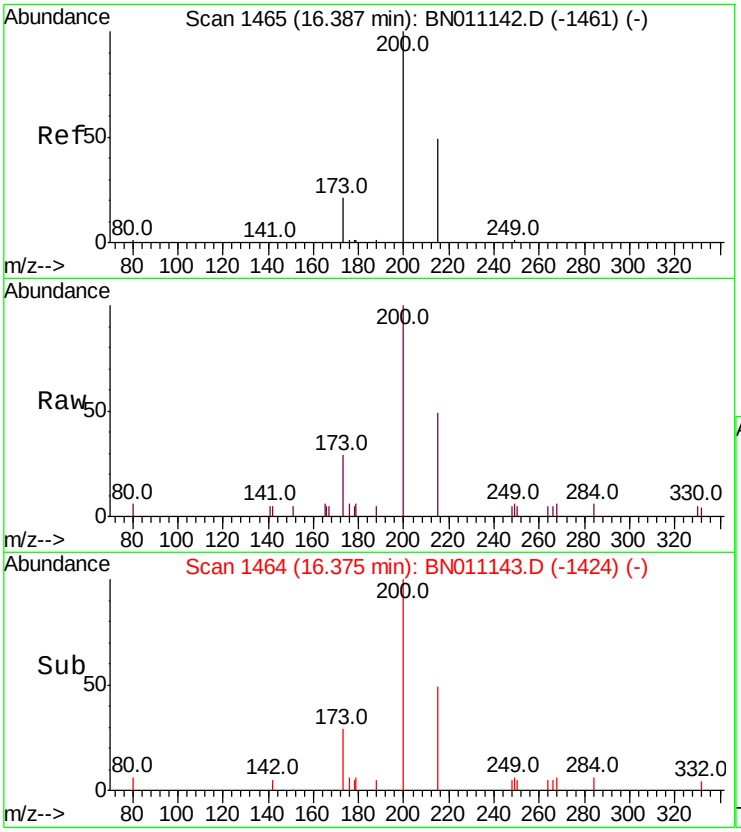


#22
Hexachlorobenzene
Concen: 0.750 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:284 Resp: 3194

Ion	Ratio	Lower	Upper
284	100		
142	39.2	32.6	48.8
249	34.0	28.4	42.6



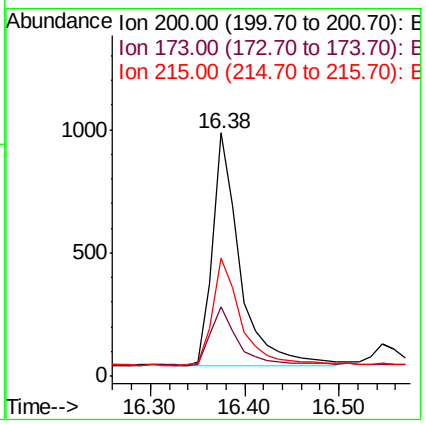


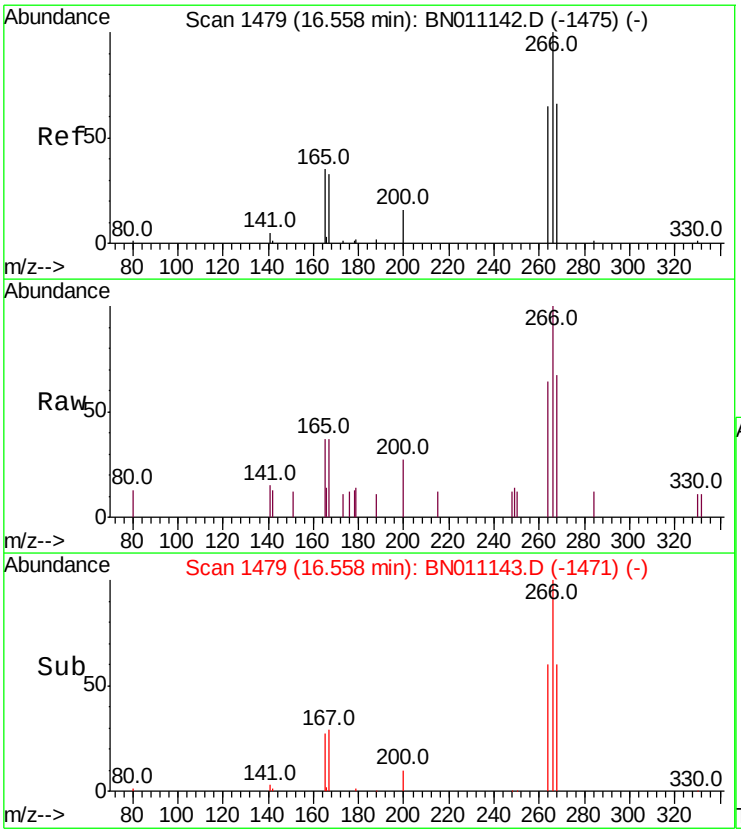
#23
Atrazine
Concen: 0.736 ng
RT: 16.38 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 1880

Ion	Ratio	Lower	Upper
200	100		
173	28.6	23.0	34.4
215	48.6	42.6	63.8

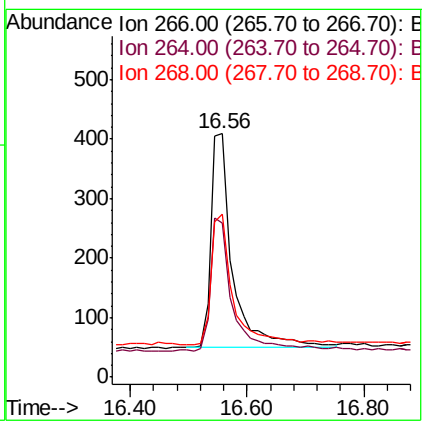


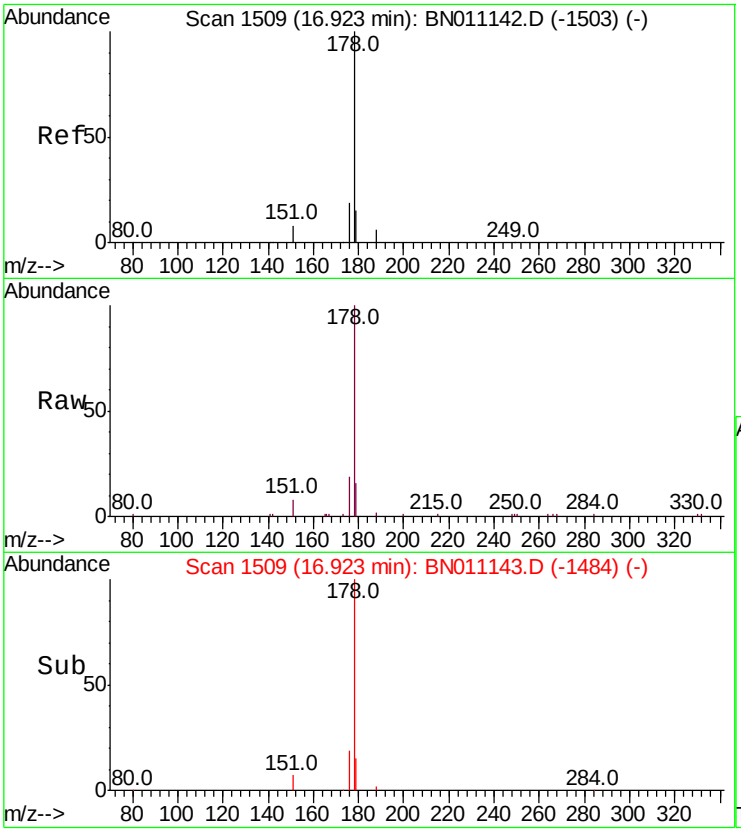


#24
Pentachlorophenol
Concen: 0.795 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:266 Resp: 911

Ion	Ratio	Lower	Upper
266	100		
264	60.6	52.5	78.7
268	64.7	48.9	73.3



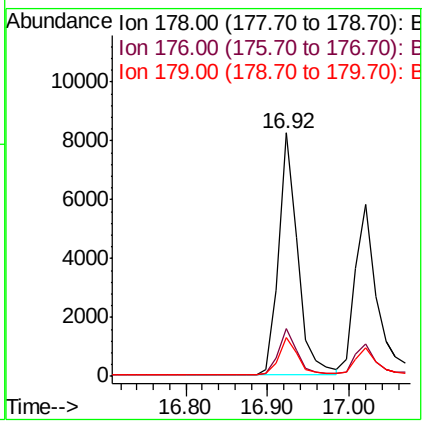


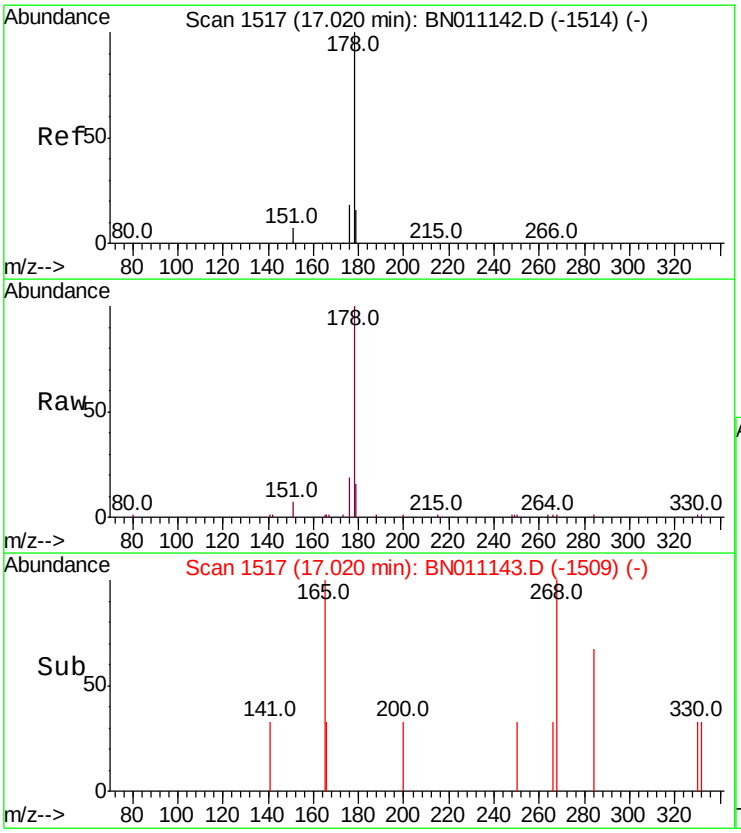
#25
Phenanthrene
Concen: 0.748 ng
RT: 16.92 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 13162

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.6	18.8

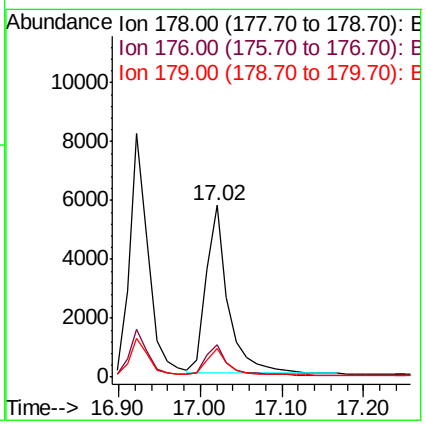


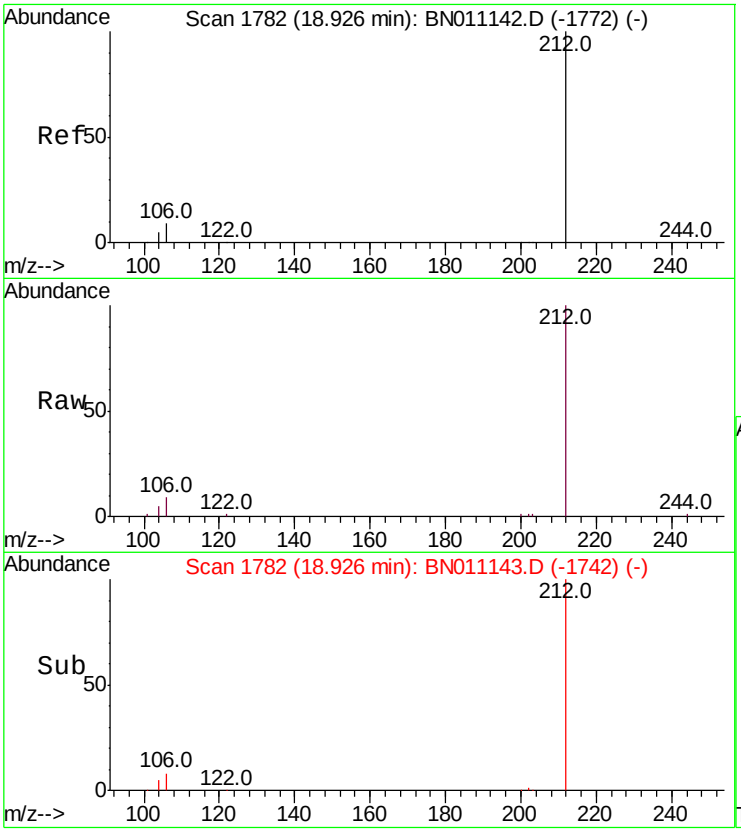


#26
Anthracene
Concen: 0.738 ng
RT: 17.02 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:178 Resp: 10749

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.5	12.0	18.0



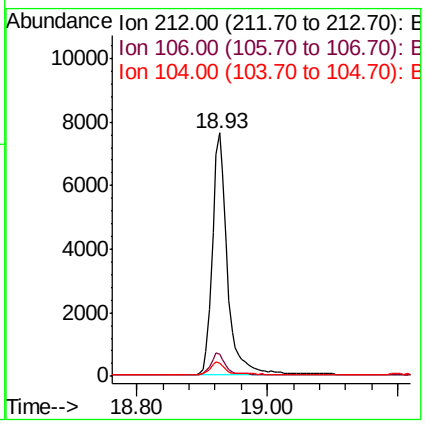


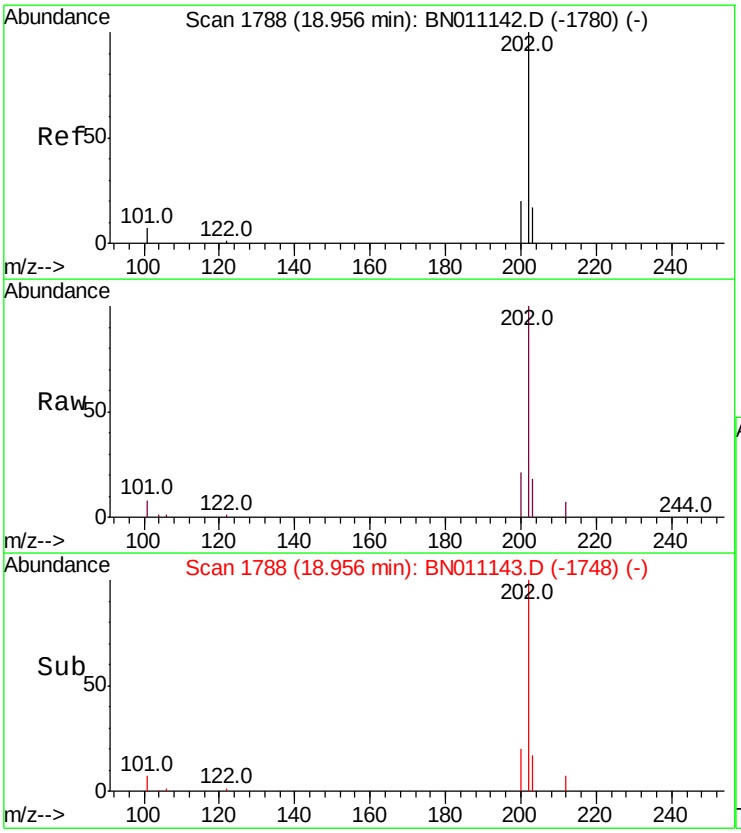
#27
Fluoranthene-d10
Concen: 0.743 ng
RT: 18.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 12208

Ion	Ratio	Lower	Upper
212	100		
106	8.6	7.0	10.6
104	5.1	4.2	6.4

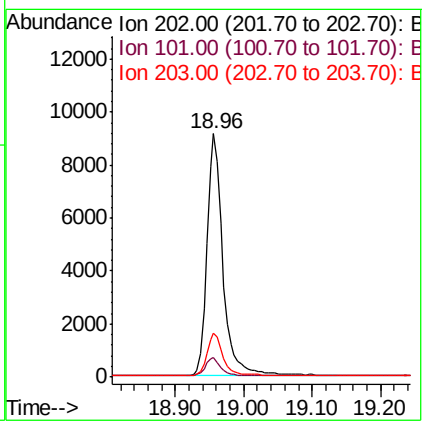


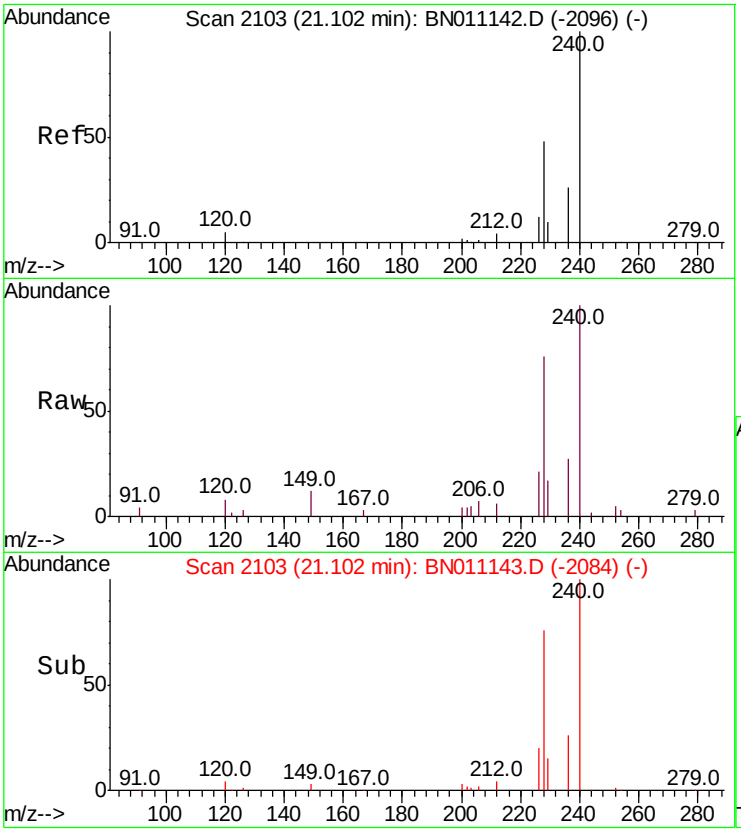


#28
Fluoranthene
Concen: 0.751 ng
RT: 18.96 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:202 Resp: 14864

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.9	8.9
203	17.0	13.6	20.4



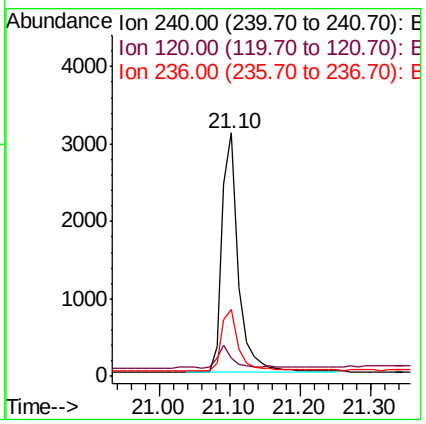


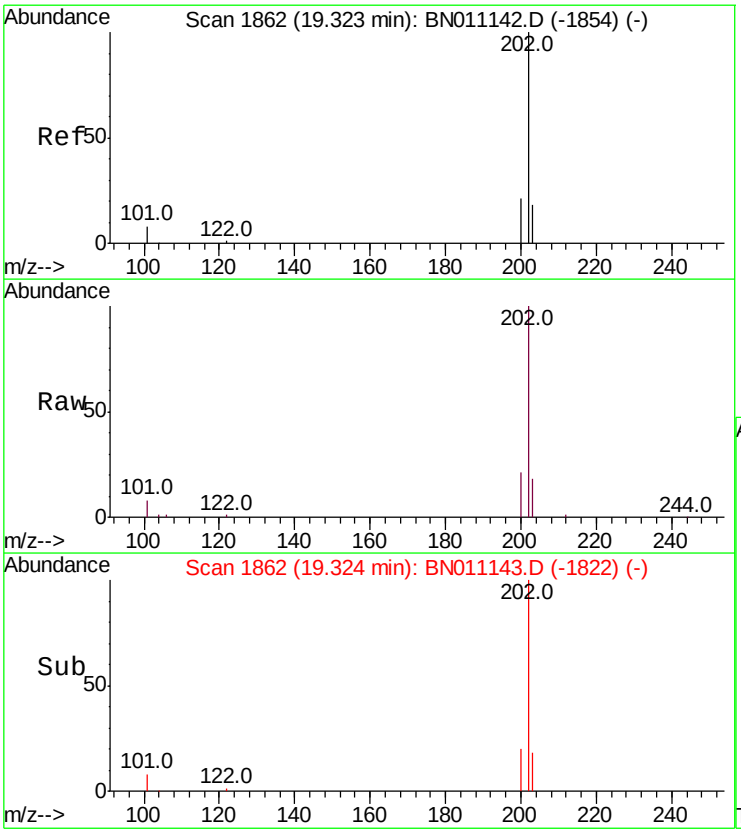
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 5135

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	27.4	21.9	32.9

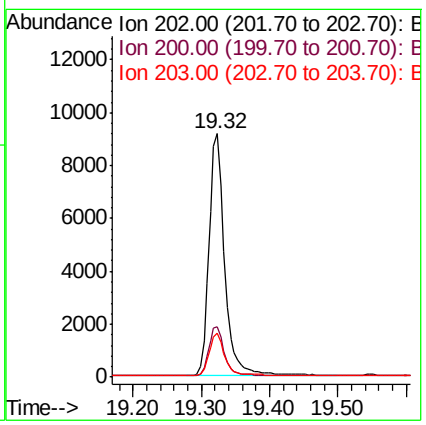


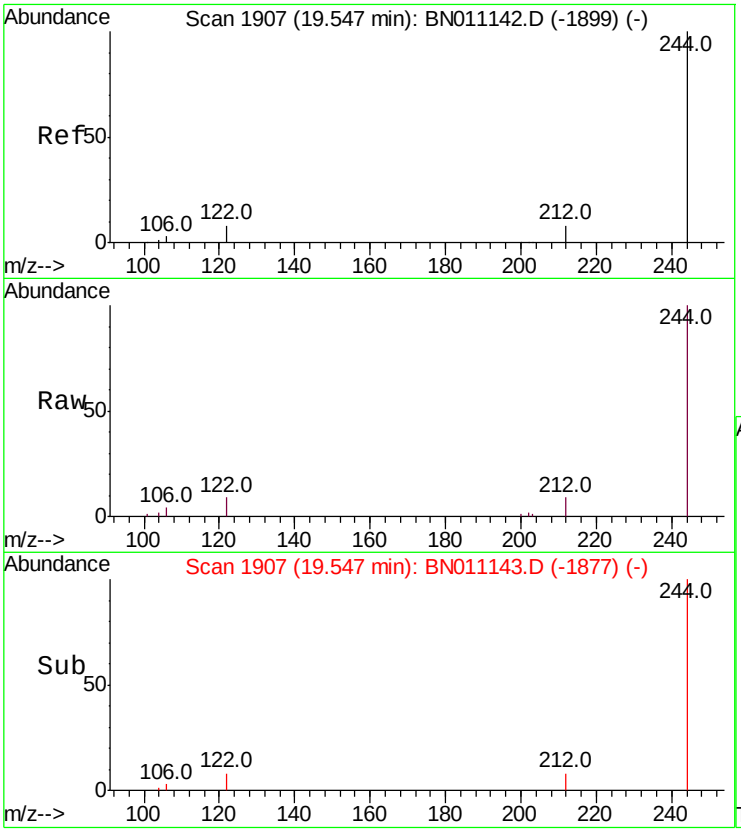


#30
Pyrene
Concen: 0.764 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:202 Resp: 14640

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.2	14.2	21.4



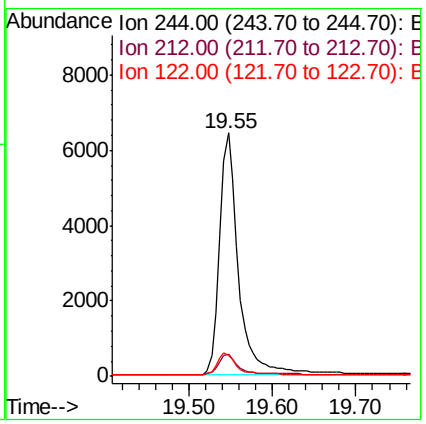


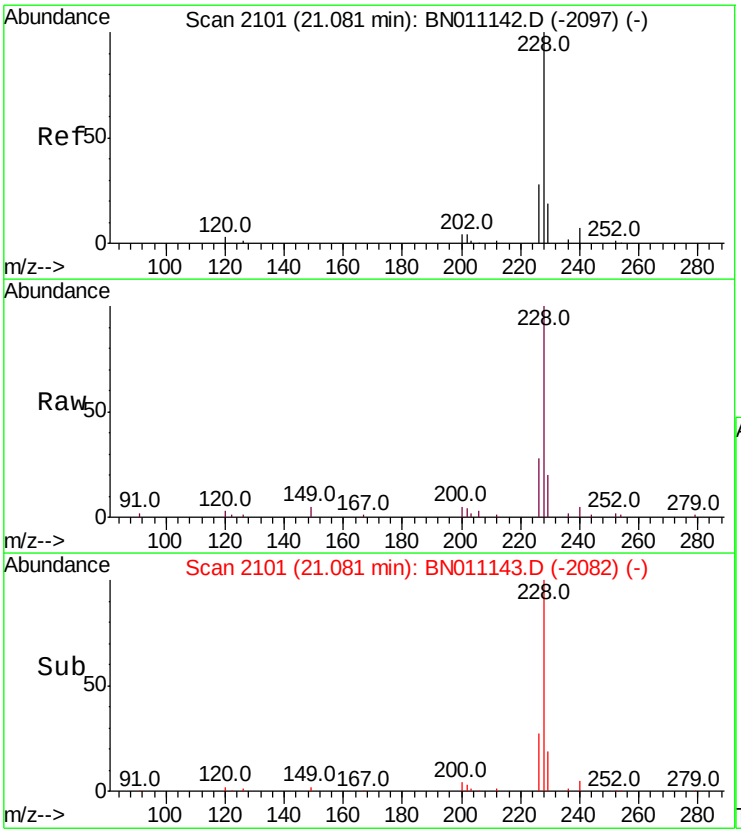
#31
Terphenyl-d14
Concen: 0.759 ng
RT: 19.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 10145

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	8.7	7.4	11.0

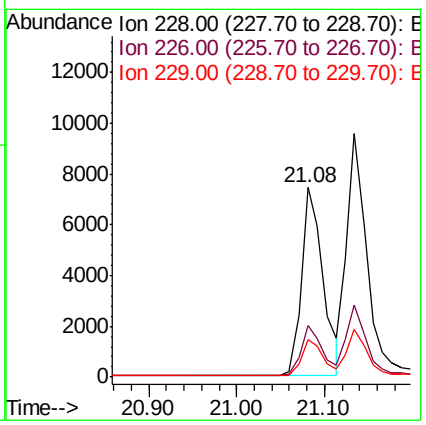


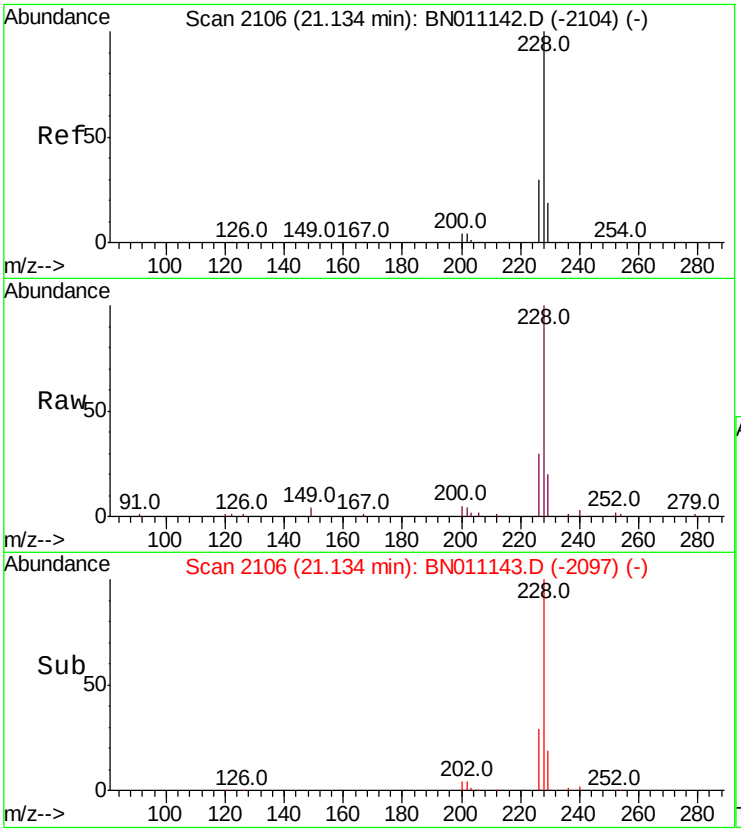


#32
Benzo(a)anthracene
Concen: 0.732 ng
RT: 21.08 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:228 Resp: 12562

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.2	34.8
229	19.6	16.2	24.4



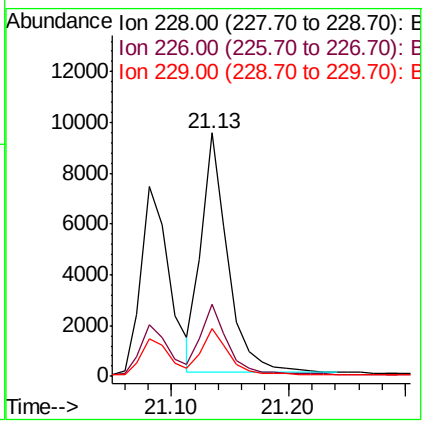


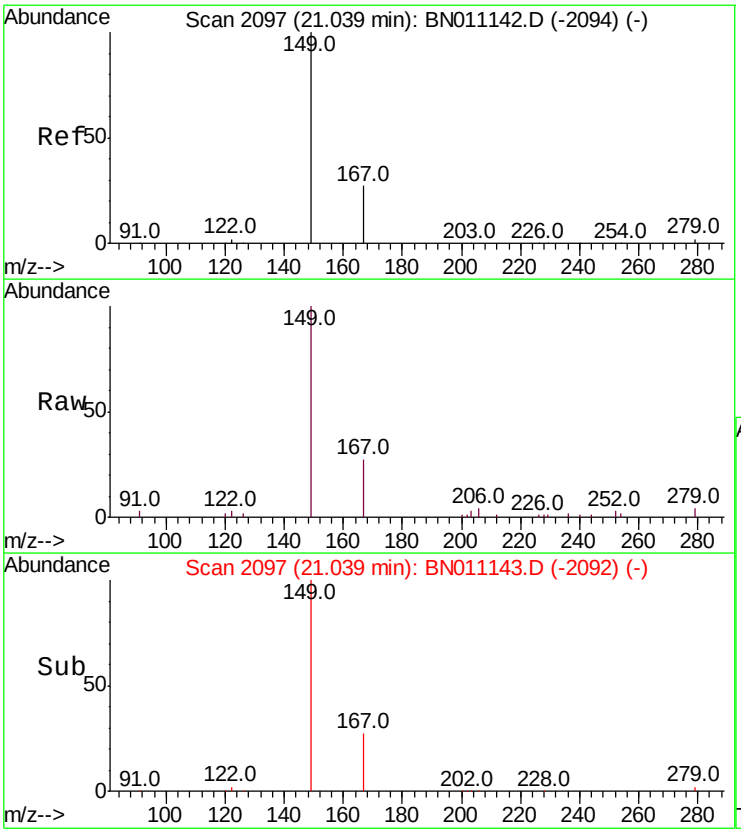
#33
Chrysene
Concen: 0.751 ng
RT: 21.13 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 14795

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.8	16.2	24.4

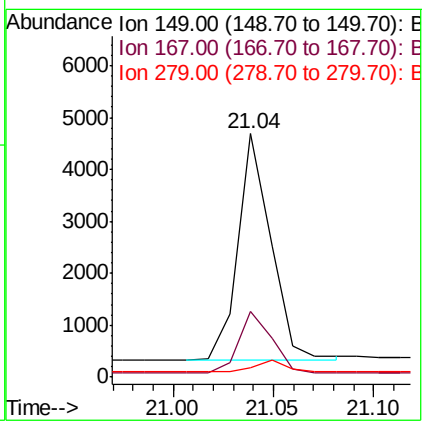


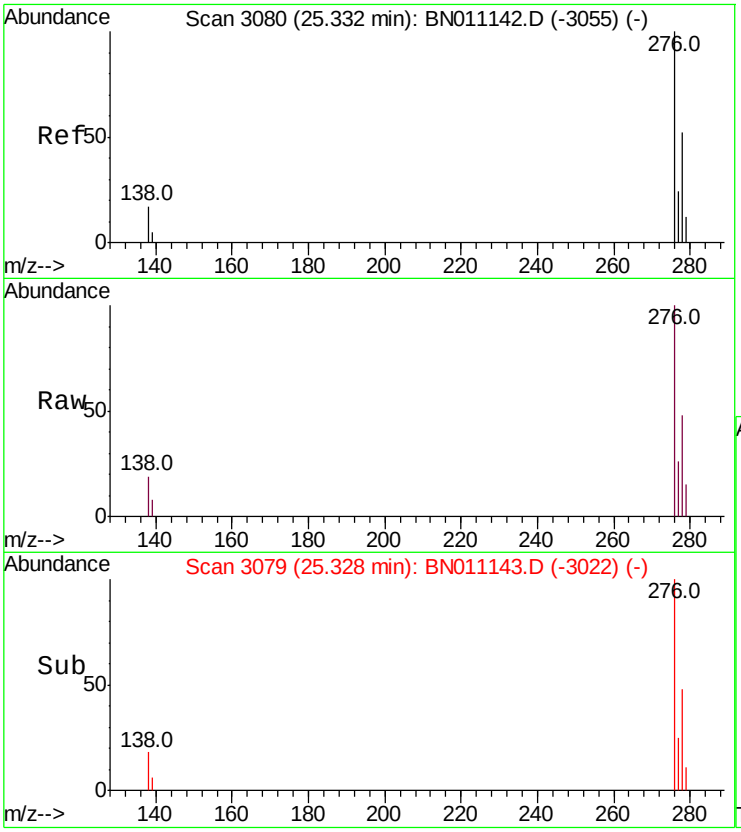


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.726 ng
RT: 21.04 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:149 Resp: 5035

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.4	35.0
279	5.3	4.5	6.7



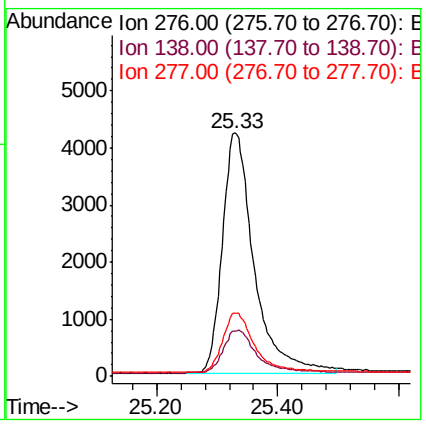


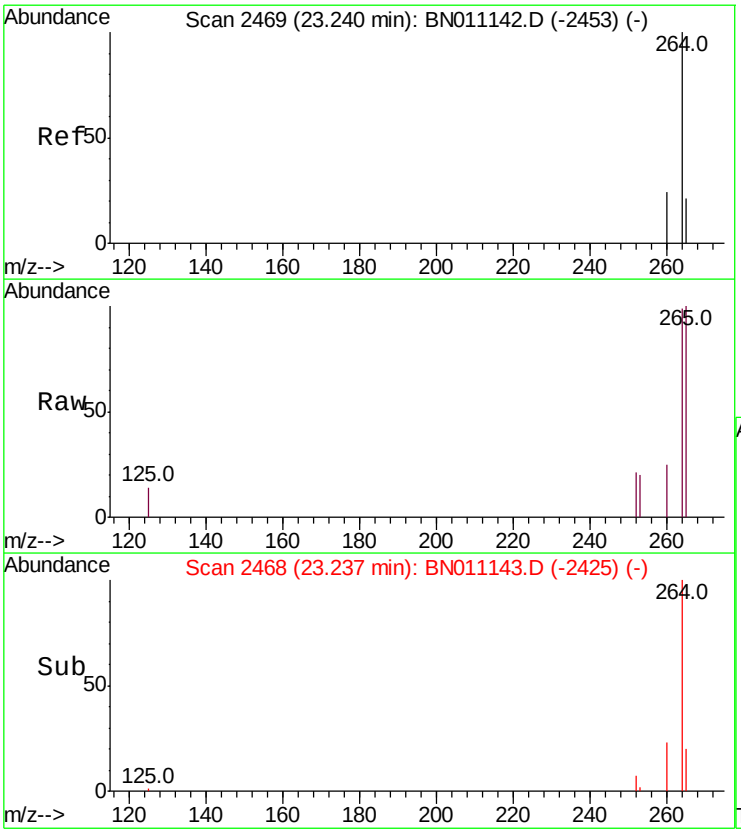
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.751 ng
RT: 25.33 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 15470

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.0	19.6
277	25.0	19.7	29.5

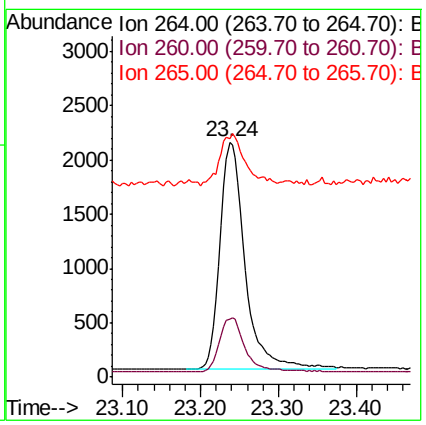


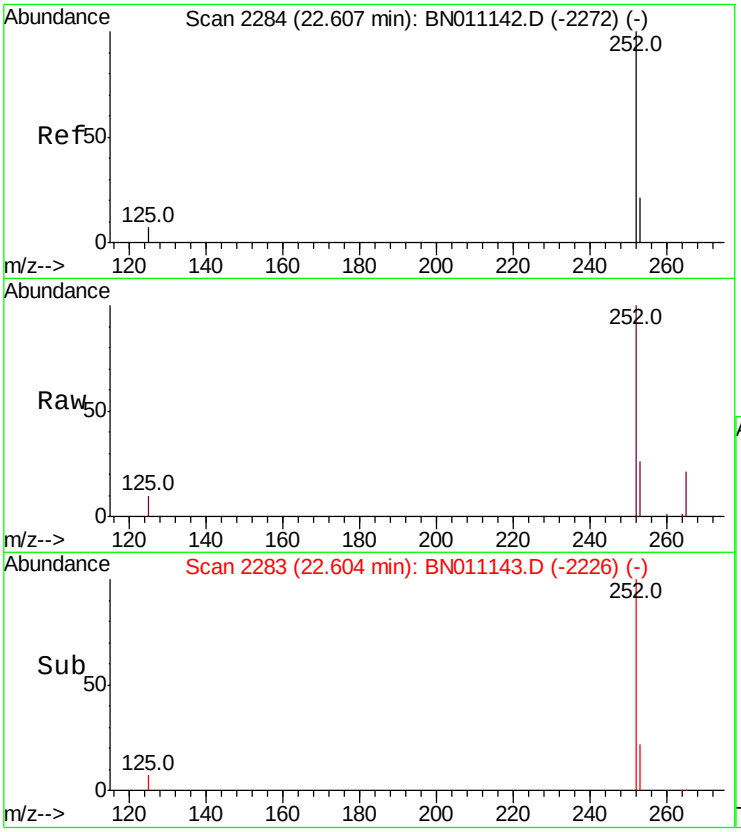


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:264 Resp: 4705

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	101.5	76.6	115.0



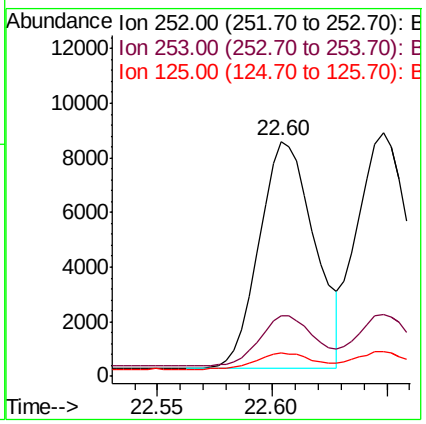


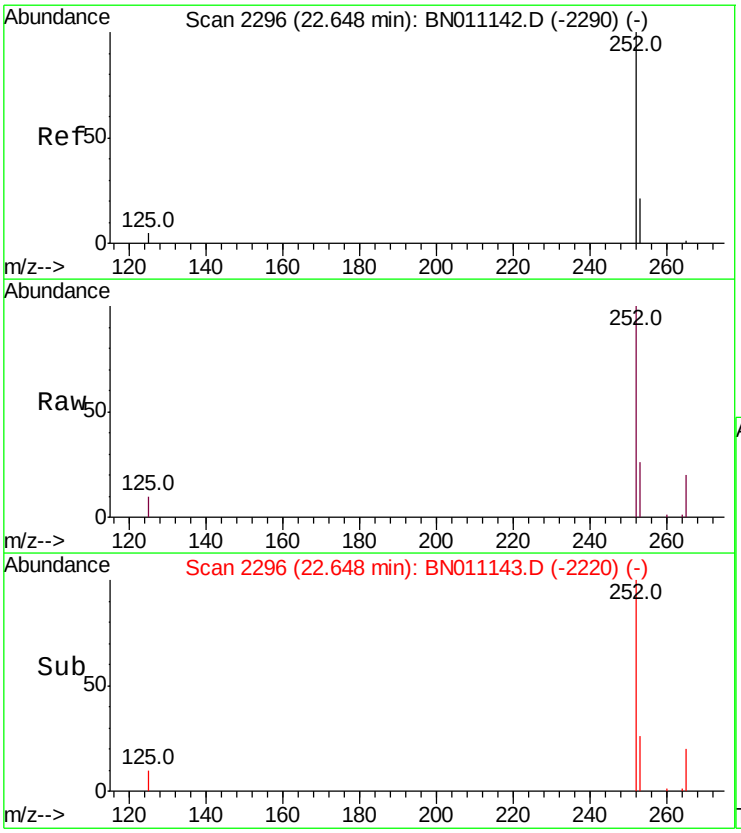
#37
Benzo(b)fluoranthene
Concen: 0.741 ng
RT: 22.60 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 13970

Ion	Ratio	Lower	Upper
252	100		
253	25.6	22.6	34.0
125	10.1	9.6	14.4

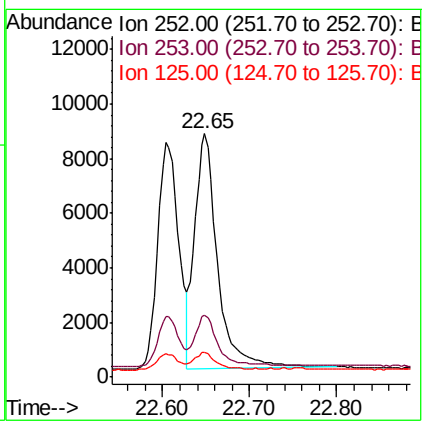


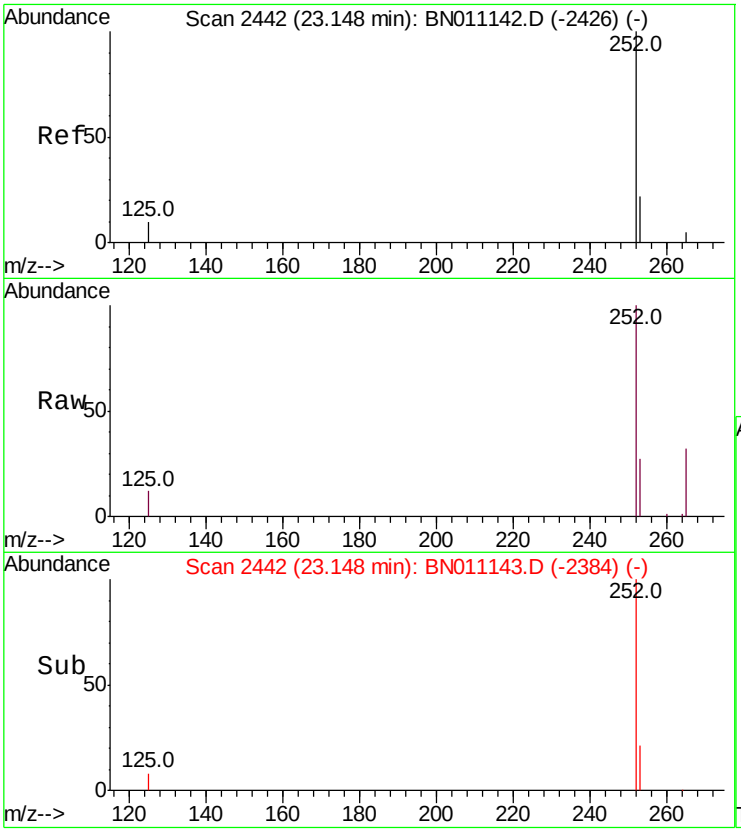


#38
Benzo(k)fluoranthene
Concen: 0.776 ng
RT: 22.65 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:252 Resp: 15668

Ion	Ratio	Lower	Upper
252	100		
253	25.5	22.2	33.4
125	10.2	11.0	16.4#



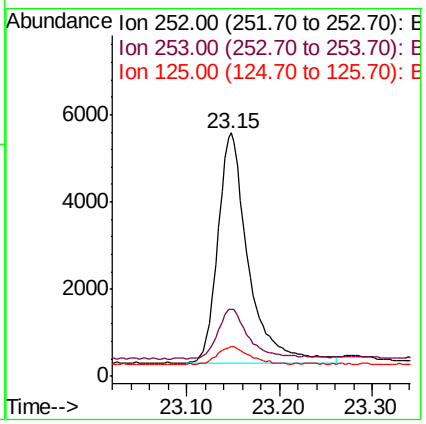


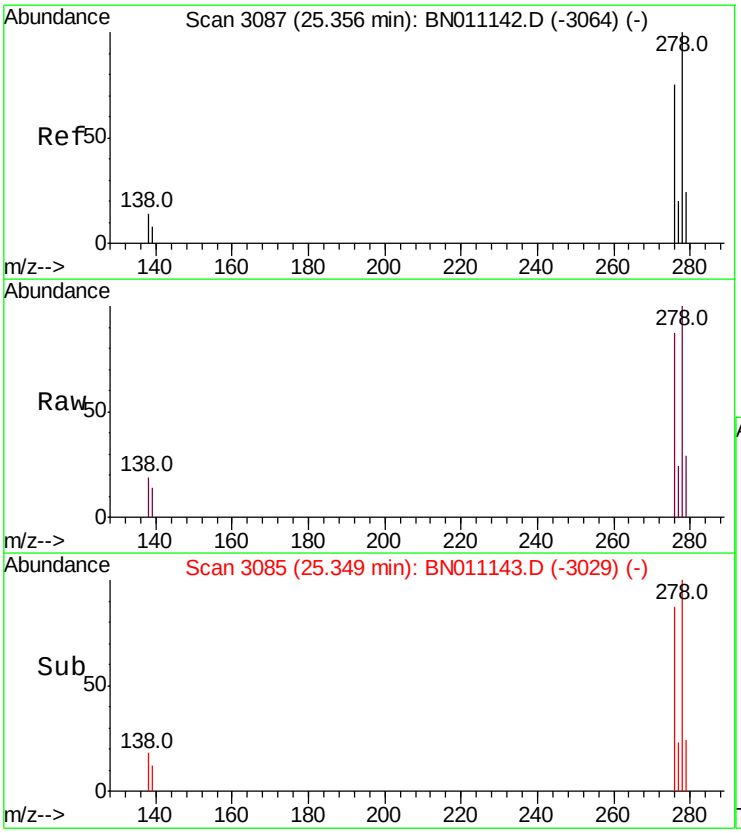
#39
Benzo(a)pyrene
Concen: 0.751 ng
RT: 23.15 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12207

Ion	Ratio	Lower	Upper
252	100		
253	27.4	25.8	38.6
125	12.4	13.4	20.0#

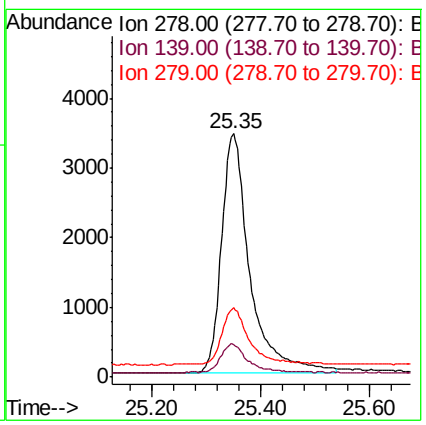


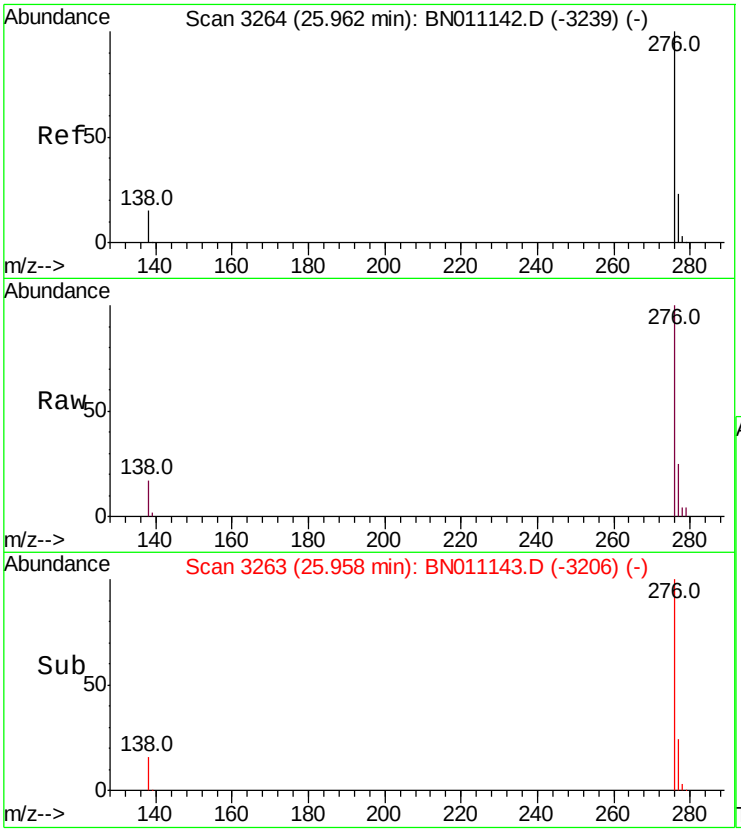


#40
Dibenzo(a,h)anthracene
Concen: 0.747 ng
RT: 25.35 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:278 Resp: 12446

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.7	17.5
279	28.7	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.757 ng
RT: 25.96 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 13884

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.5	30.7
138	17.0	13.8	20.6