Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011142.D
Acq On : 10 Jul 2020 10:46
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 10 11:24:08 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	1654	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5387	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2789	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5661	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5472	0.40	ng		0.00
36) Perylene-d12	23.24	264	5404	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1703	0.41	ng		0.00
5) Phenol-d6	6.72	99	1894	0.40	ng		0.00
8) Nitrobenzene-d5	8.66	82	1927	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	3663	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	510	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	5608	0.43	ng		0.00
27) Fluoranthene-d10	18.93	212	7264	0.42	ng		0.00
31) Terphenyl-d14	19.55	244	6015	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1015	0.435	ng		98
3) n-Nitrosodimethylamine	3.58	42	451	0.383	ng		100
6) bis(2-Chloroethyl)ether	6.97	93	1575	0.366	ng		100
9) Naphthalene	10.30	128	6362	0.396	ng		100
10) Hexachlorobutadiene	10.60	225	1639	0.402	ng	#	100
12) 2-Methylnaphthalene	11.93	142	4176	0.388	ng		100
16) Acenaphthylene	13.84	152	5533	0.396	ng		100
17) Acenaphthene	14.20	154	3801	0.401	ng		100
18) Fluorene	15.19	166	5534	0.467	ng		100
20) 4,6-Dinitro-2-methylphenol	15.31	198	305	0.504	ng		100
21) 4-Bromophenyl-phenylether	16.10	248	1544	0.410	ng		100
22) Hexachlorobenzene	16.19	284	1816	0.410	ng		100
23) Atrazine	16.39	200	1084	0.408	ng		100
24) Pentachlorophenol	16.56	266	494	0.414	ng		100
25) Phenanthrene	16.92	178	7265	0.396	ng		100
26) Anthracene	17.02	178	5991	0.395	ng		100
28) Fluoranthene	18.96	202	9132	0.443	ng		100
30) Pyrene	19.32	202	9467	0.464	ng		100
32) Benzo(a)anthracene	21.08	228	6882	0.376	ng		100
33) Chrysene	21.13	228	8626	0.411	ng		100
34) Bis(2-ethylhexyl)phthalate	21.04	149	2883	0.390	ng		100
35) Indeno(1,2,3-cd)pyrene	25.33	276	10482	0.478	ng		100
37) Benzo(b)fluoranthene	22.61	252	7857	0.363	ng		100
38) Benzo(k)fluoranthene	22.65	252	9861	0.425	ng		100
39) Benzo(a)pyrene	23.15	252	7924	0.424	ng		100
40) Dibenzo(a,h)anthracene	25.36	278	8526	0.446	ng		100
41) Benzo(g,h,i)perylene	25.96	276	9380	0.445	ng		100

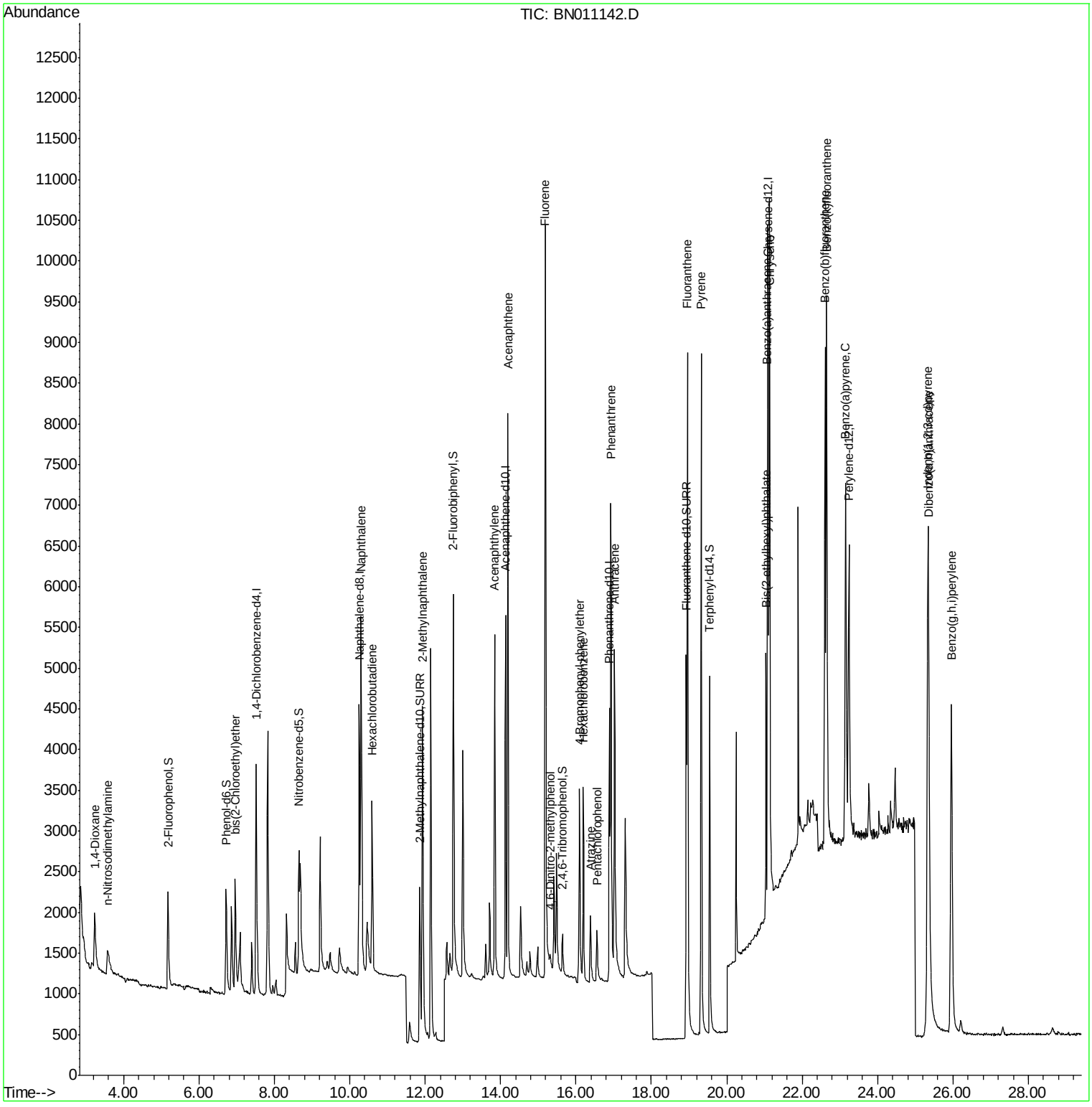
(#) = qualifier out of range (m) = manual integration (+) = signals summed

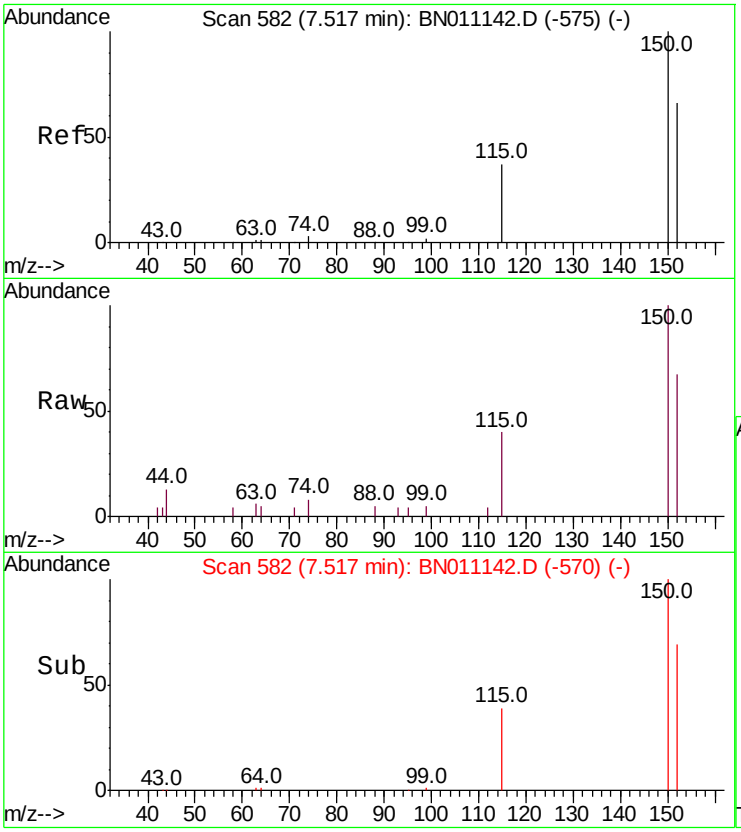
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011142.D
Acq On : 10 Jul 2020 10:46
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 10 11:24:08 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



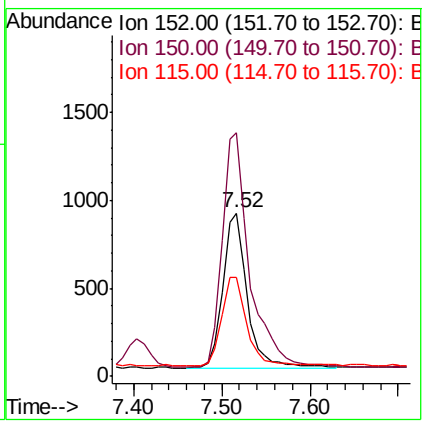


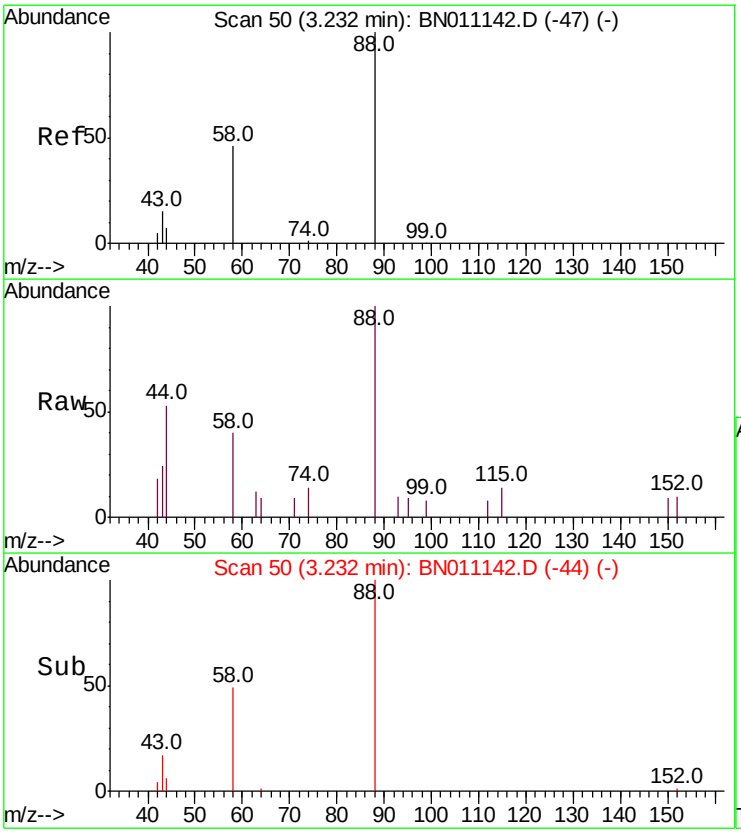
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1654

Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.4	179.0
115	60.4	48.3	72.5

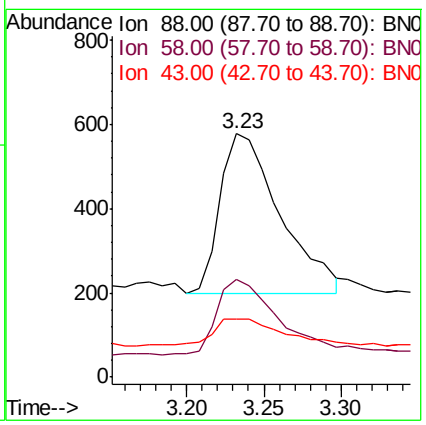


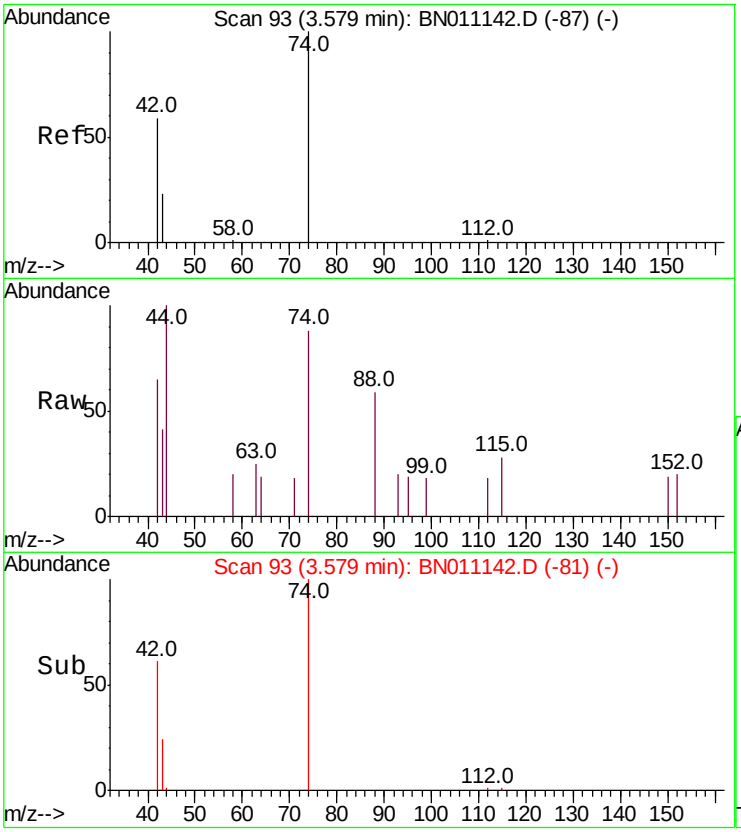


#2
1,4-Dioxane
Concen: 0.435 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion: 88 Resp: 1015

Ion	Ratio	Lower	Upper
88	100		
58	46.9	36.5	54.7
43	16.7	14.3	21.5



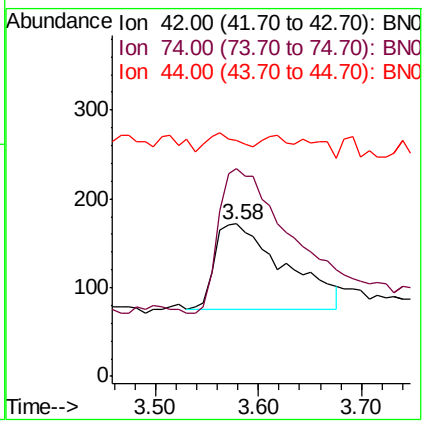


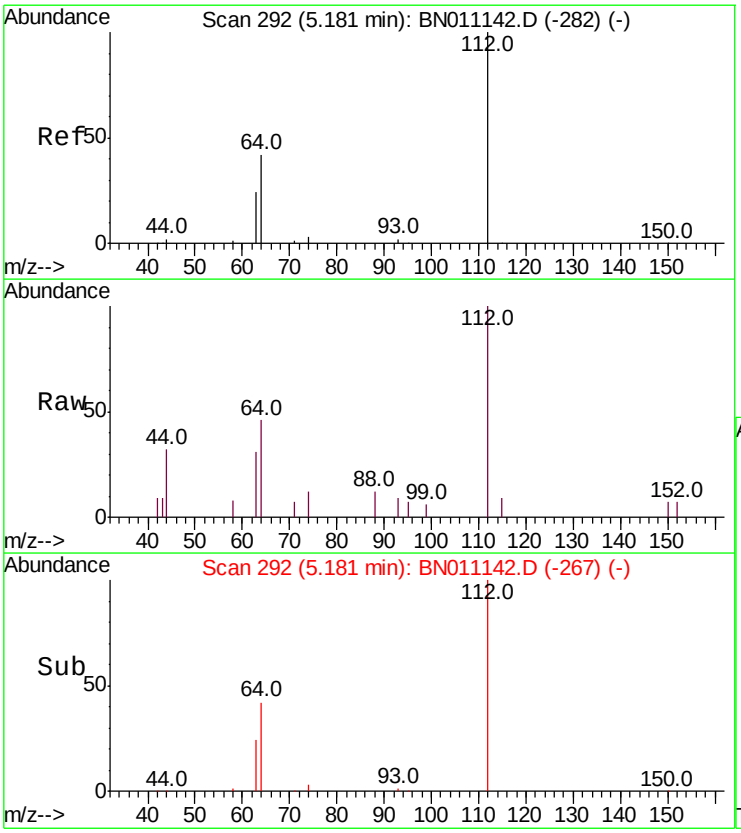
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 451

Ion	Ratio	Lower	Upper
42	100		
74	176.1	140.9	211.3
44	9.5	7.6	11.4

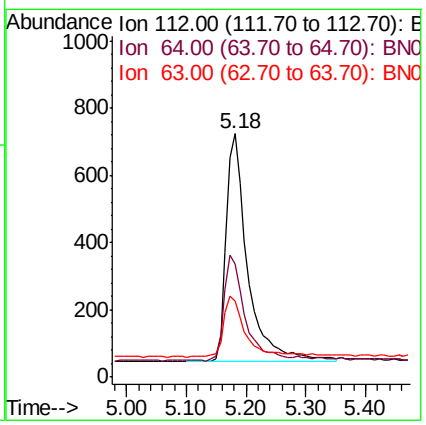


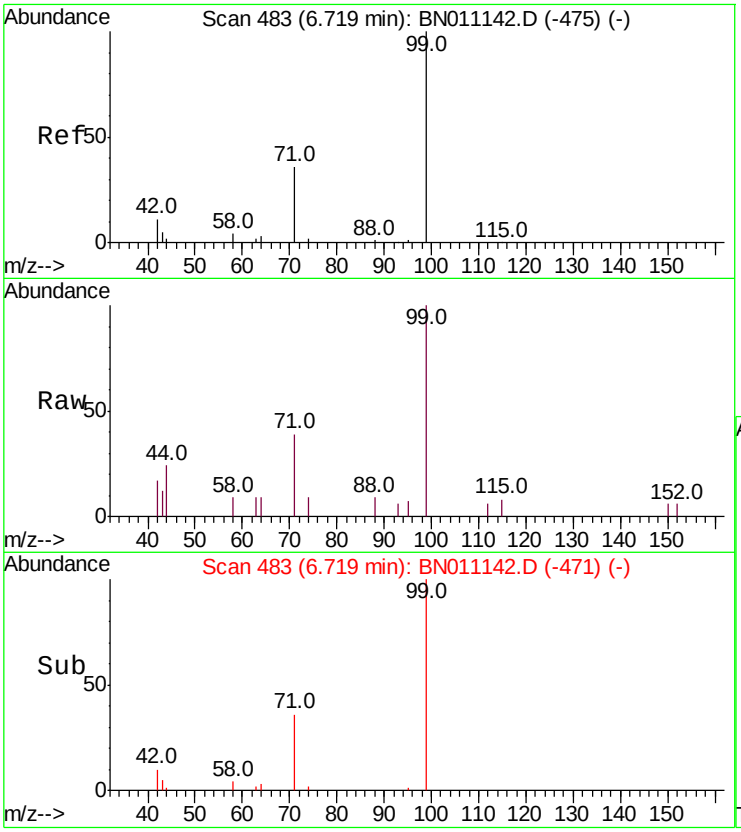


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:112 Resp: 1703

Ion	Ratio	Lower	Upper
112	100		
64	45.9	36.7	55.1
63	25.5	20.4	30.6



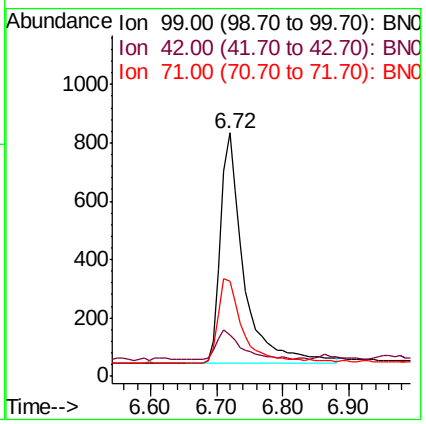


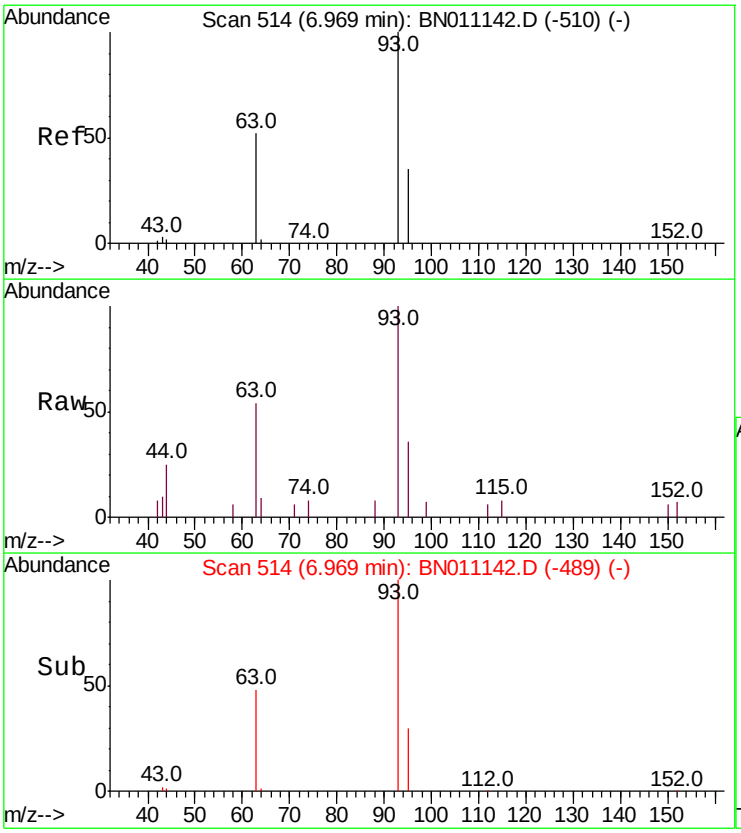
#5
Phenol-d6
Concen: 0.400 ng
RT: 6.72 min Scan# 483
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1894

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.8	16.2
71	39.4	31.3	46.9

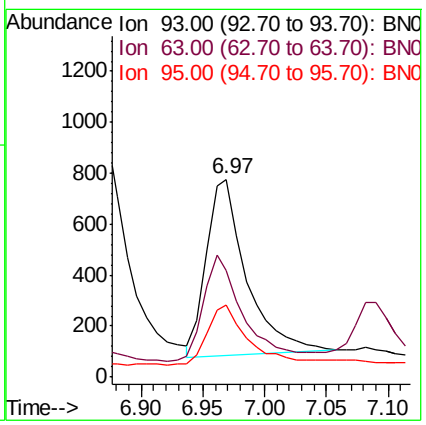


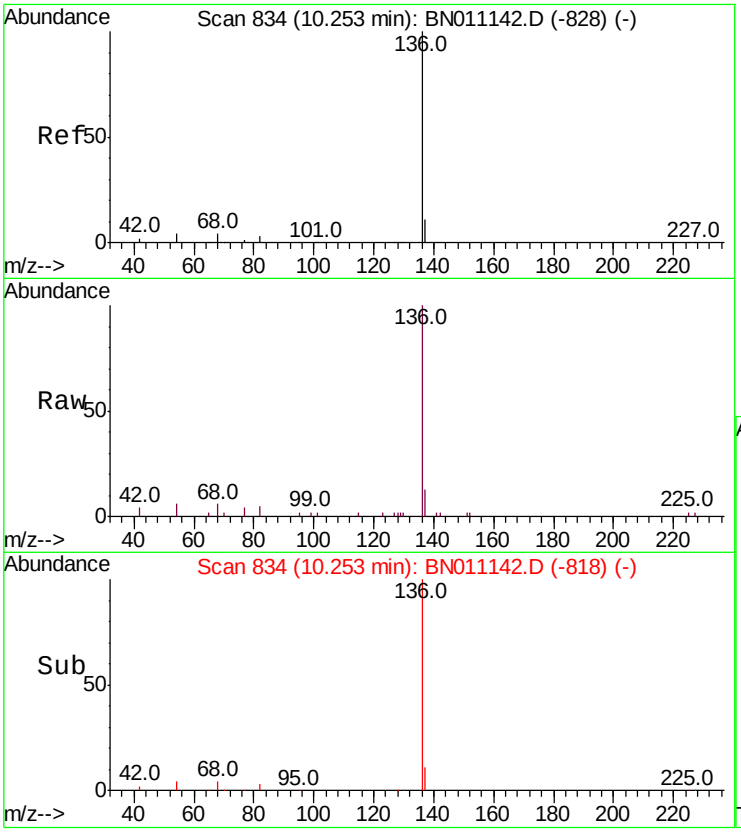


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion: 93 Resp: 1575

Ion	Ratio	Lower	Upper
93	100		
63	59.2	47.4	71.0
95	35.1	28.1	42.1



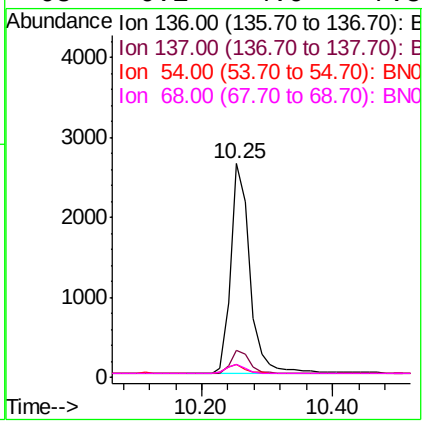


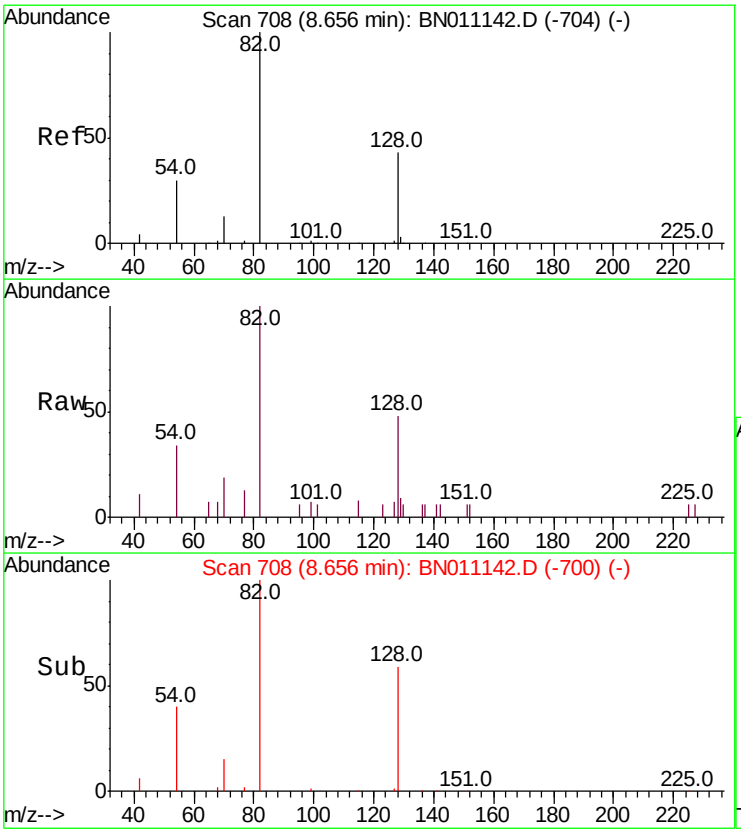
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.25 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 5387

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	6.1	4.9	7.3
68	6.1	4.9	7.3

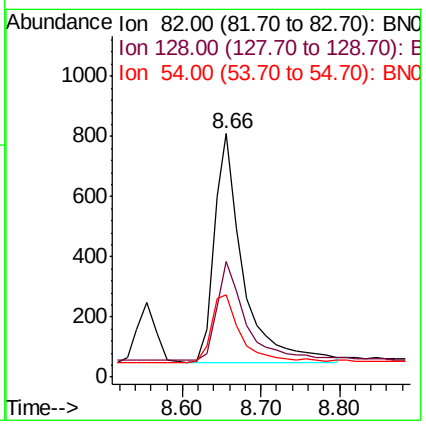


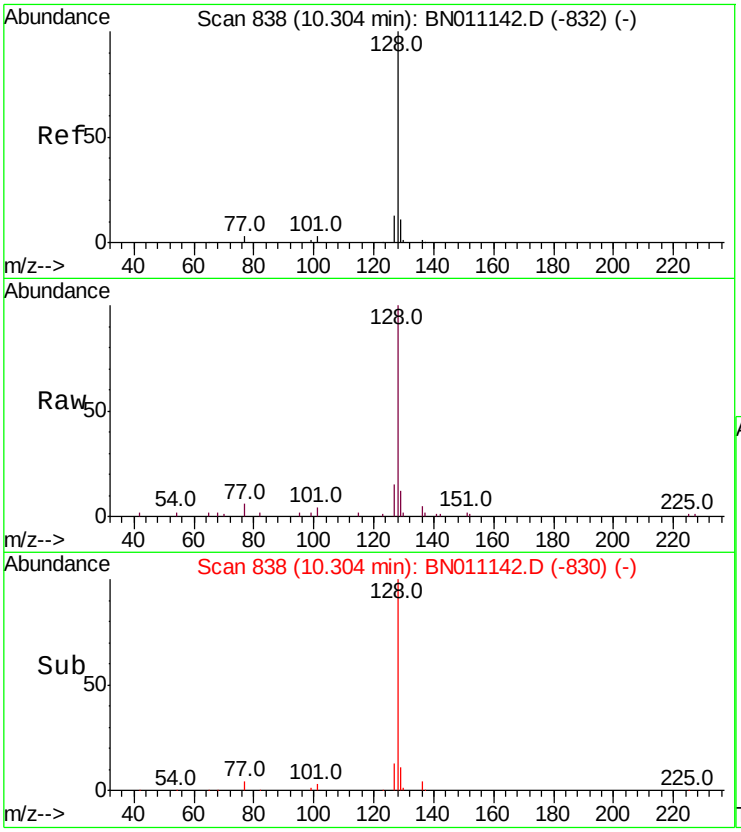


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion: 82 Resp: 1927

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.1	57.1
54	33.9	27.1	40.7



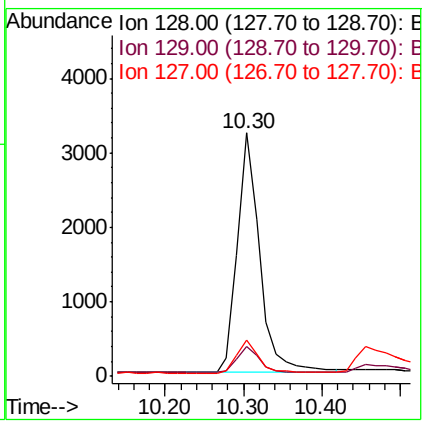


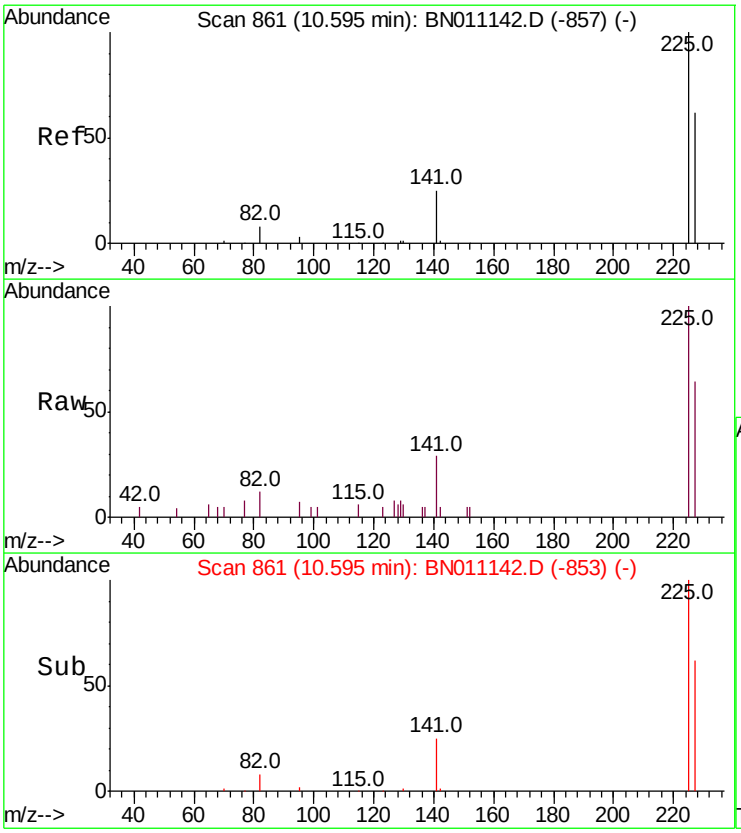
#9
Naphthalene
Concen: 0.396 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 6362

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.7	11.8	17.6

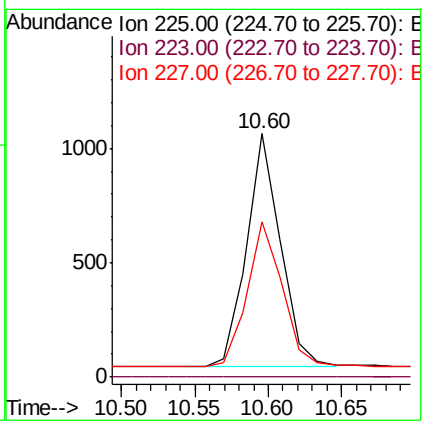


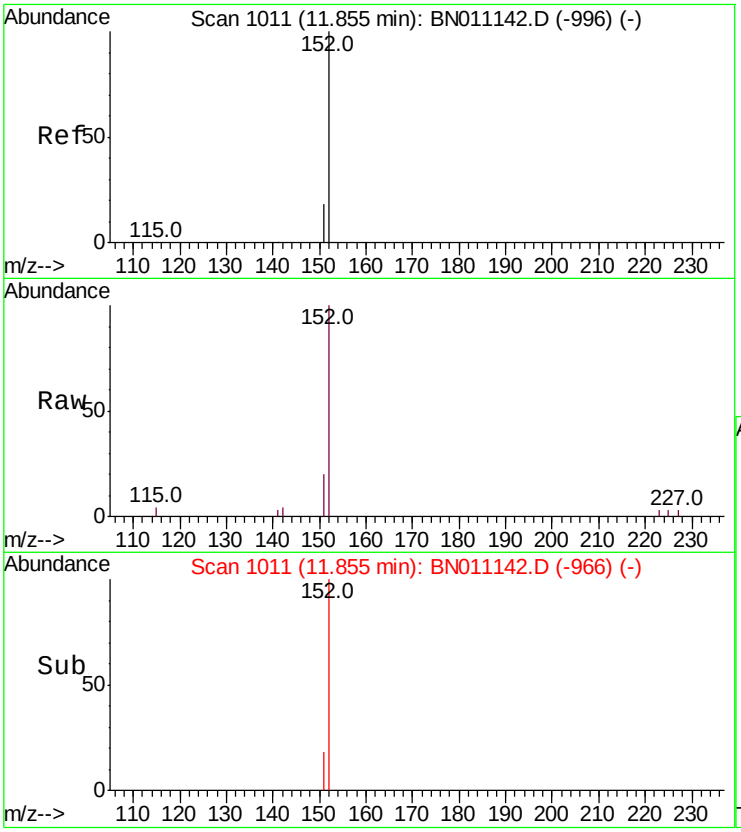


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:225 Resp: 1639

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



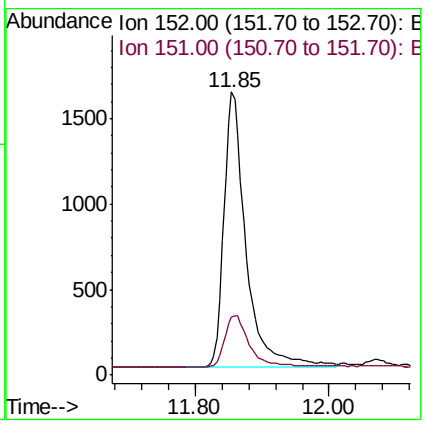


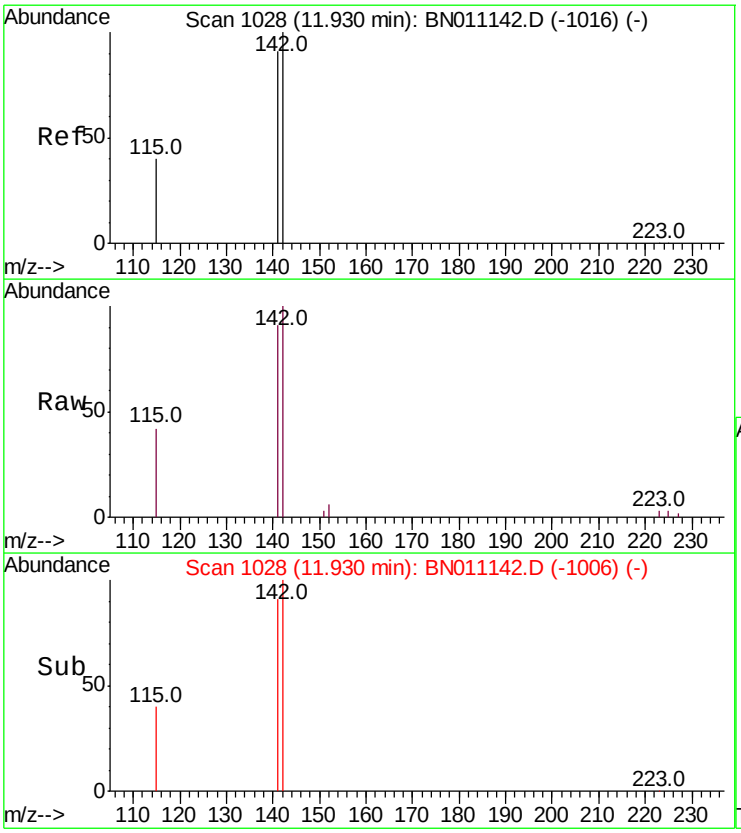
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 11.85 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3663

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7

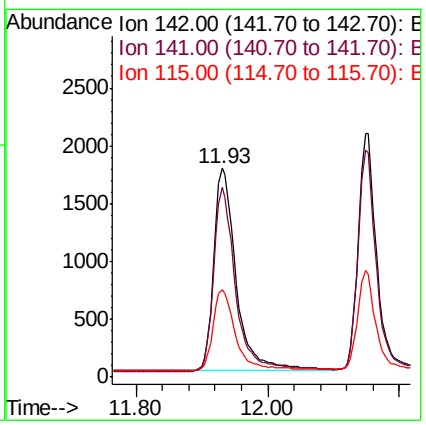


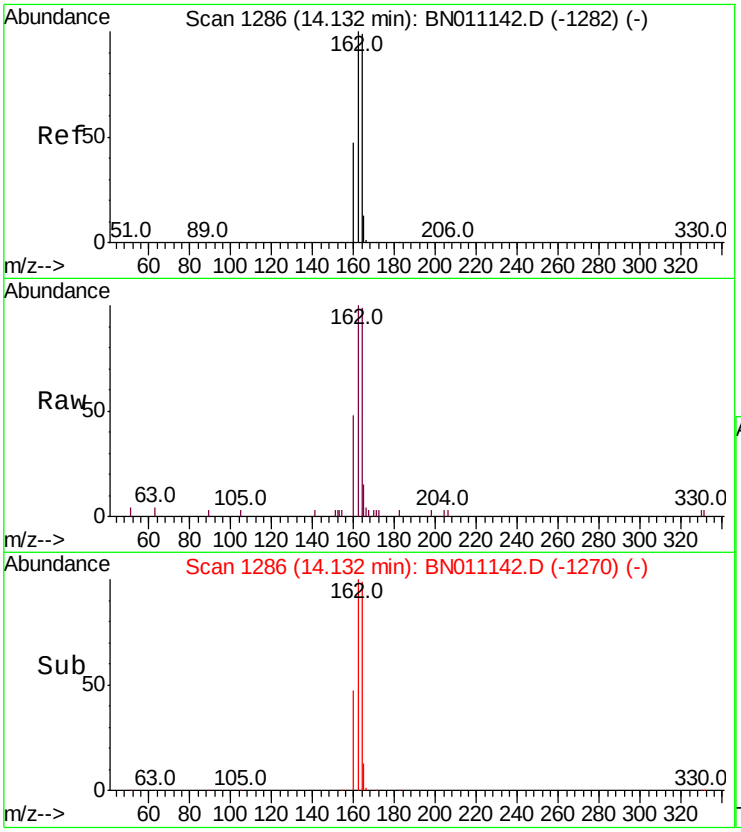


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:142 Resp: 4176

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
115	42.2	33.8	50.6



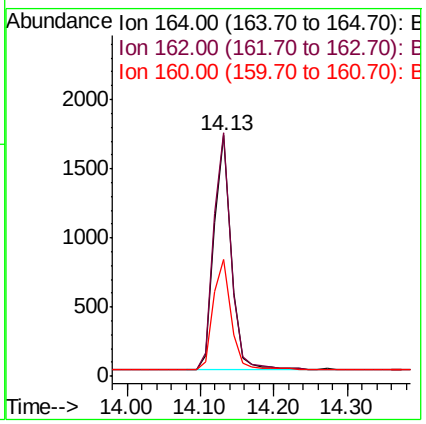


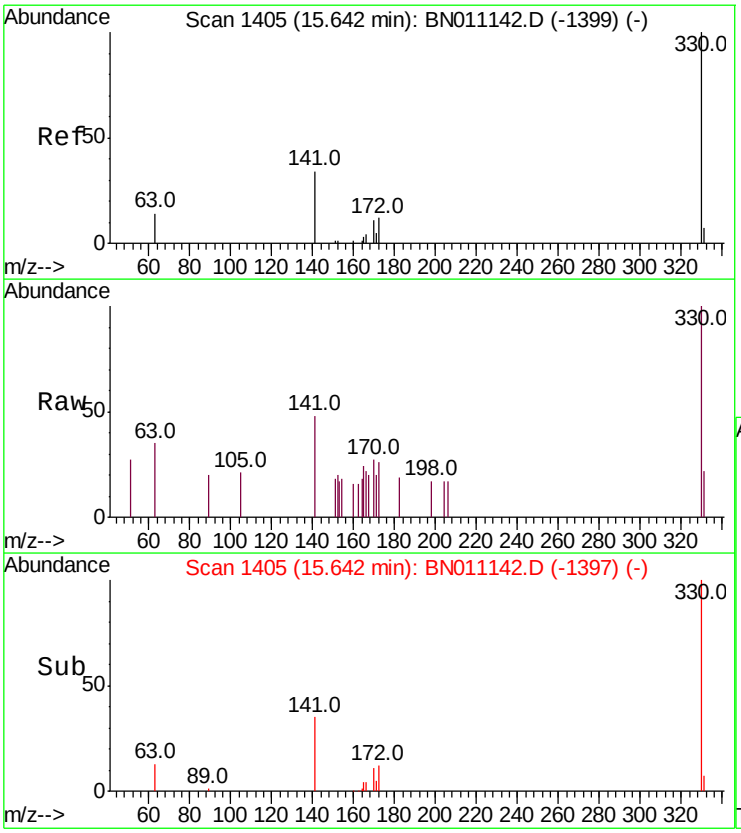
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2789

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.0	121.4
160	48.8	39.0	58.6

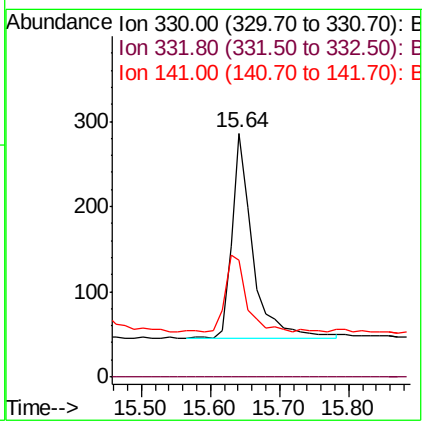


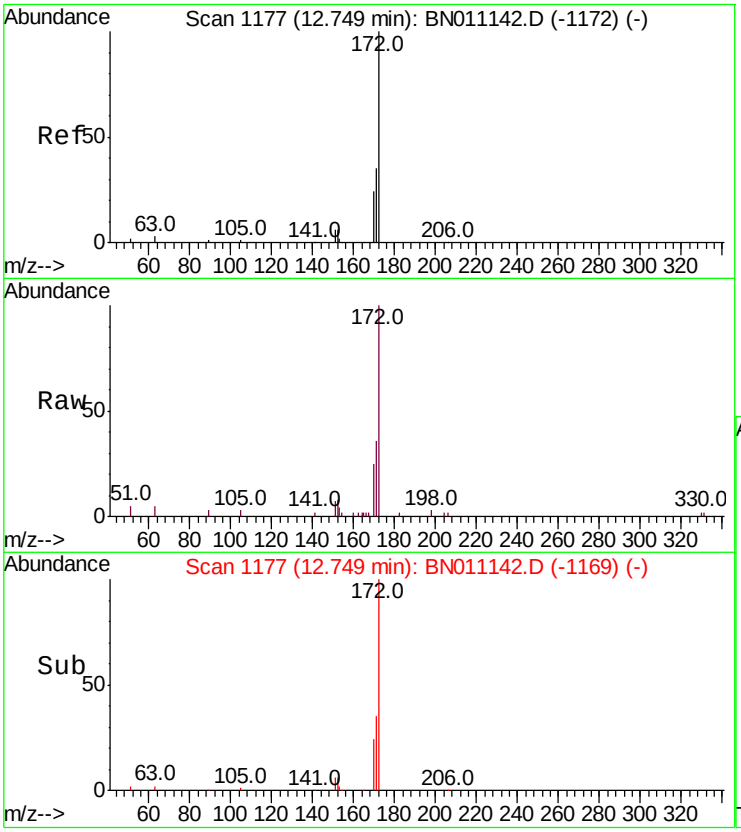


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.64 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:330 Resp: 510

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	31.5	47.3



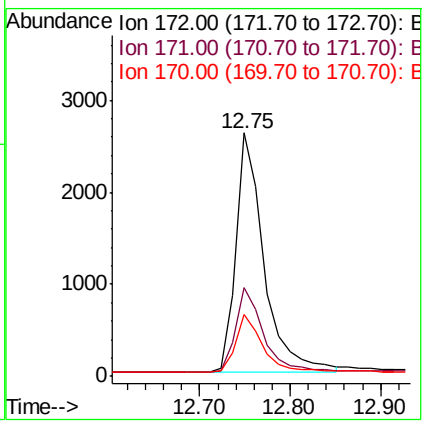


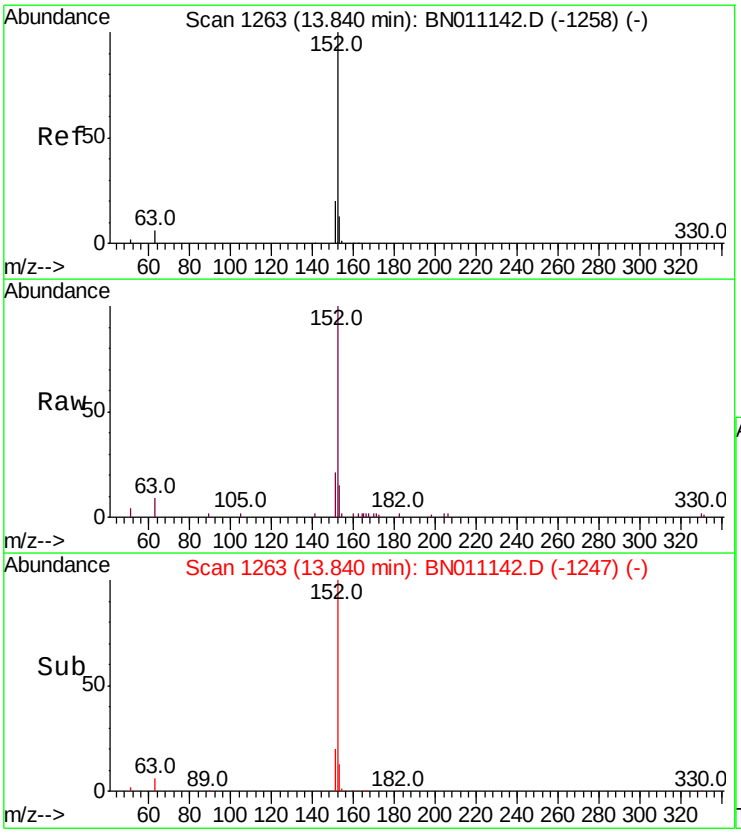
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 5608

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	25.4	20.3	30.5

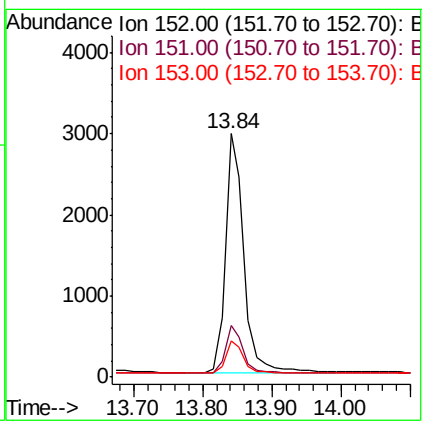


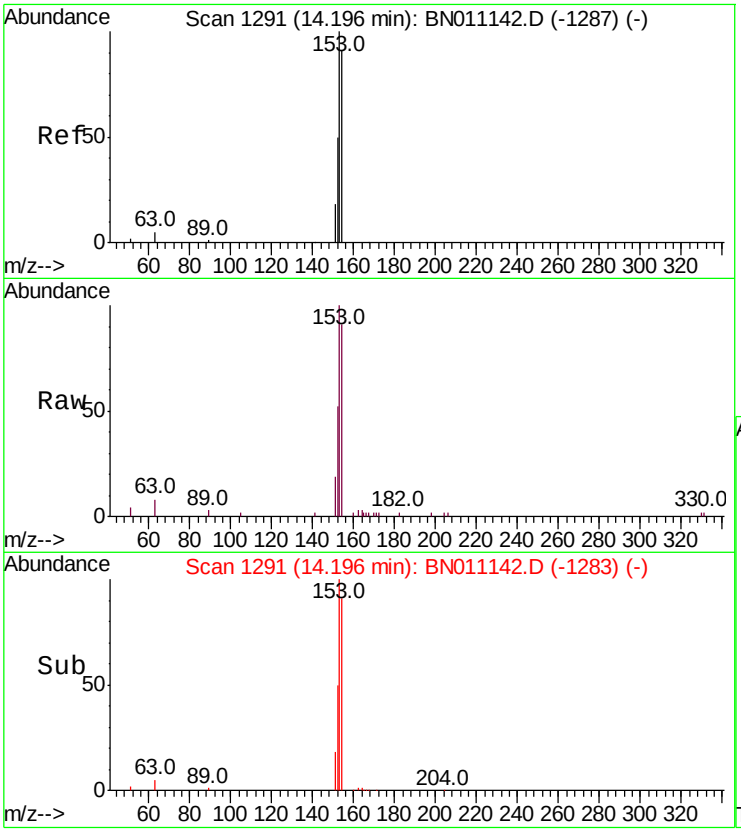


#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:152 Resp: 5533

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.6	15.8



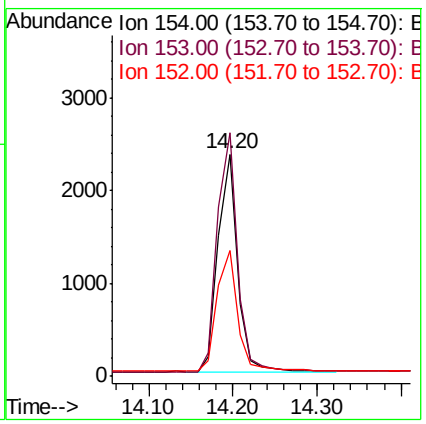


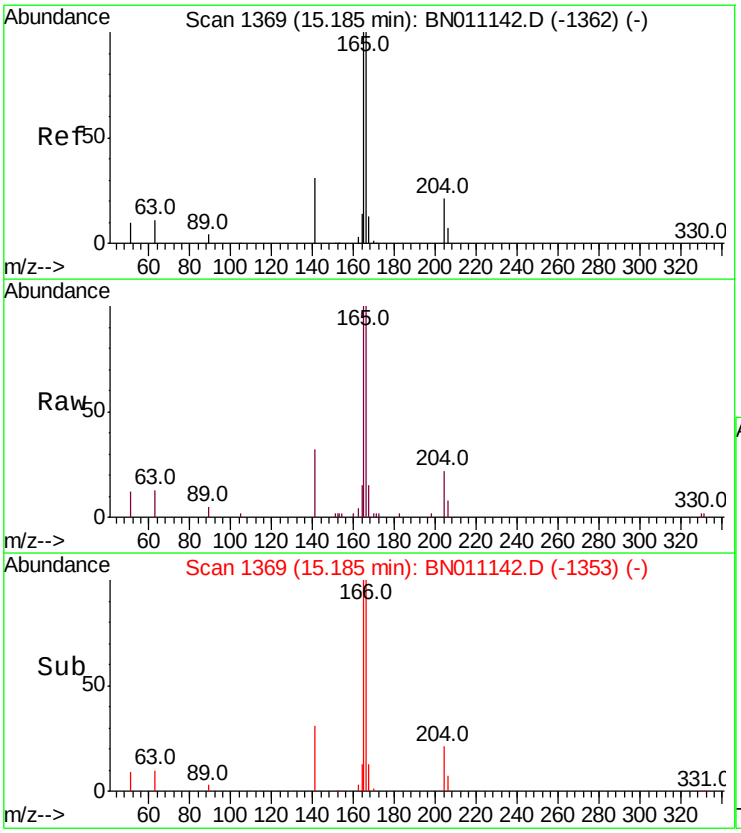
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3801

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.3	136.9
152	58.2	46.6	69.8

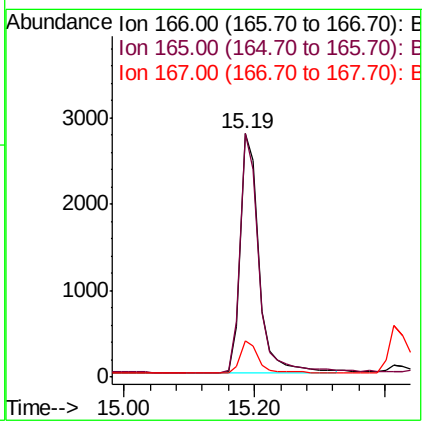


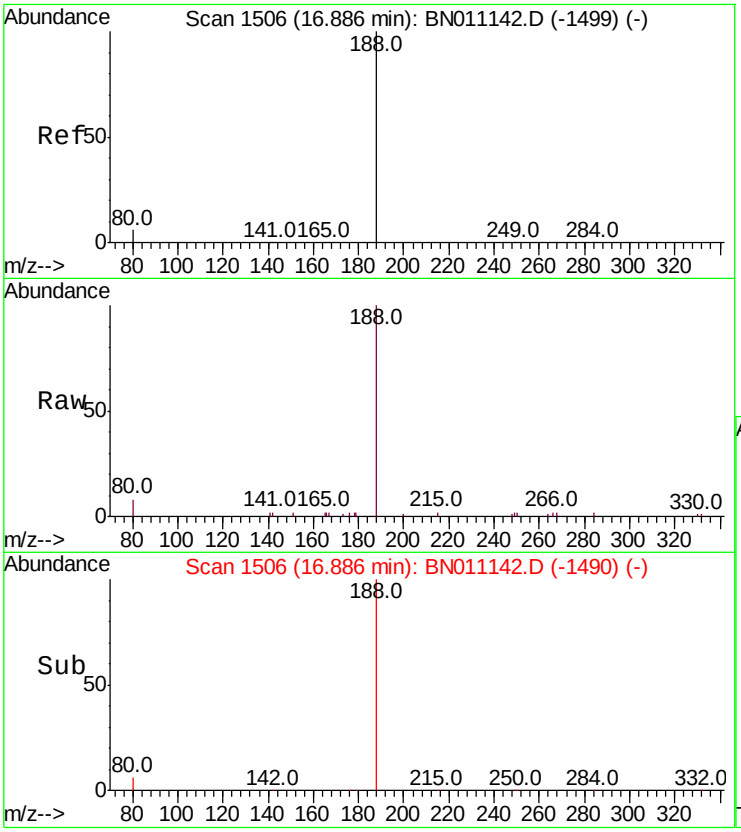


#18
Fluorene
Concen: 0.467 ng
RT: 15.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:166 Resp: 5534

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.1	10.5	15.7



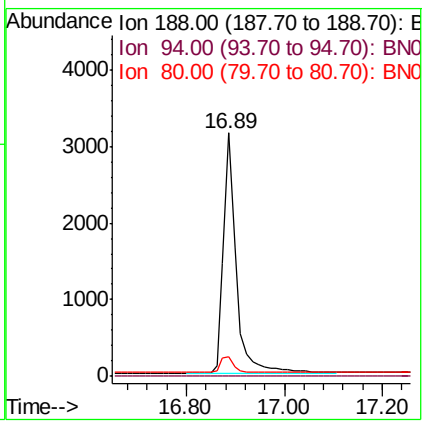


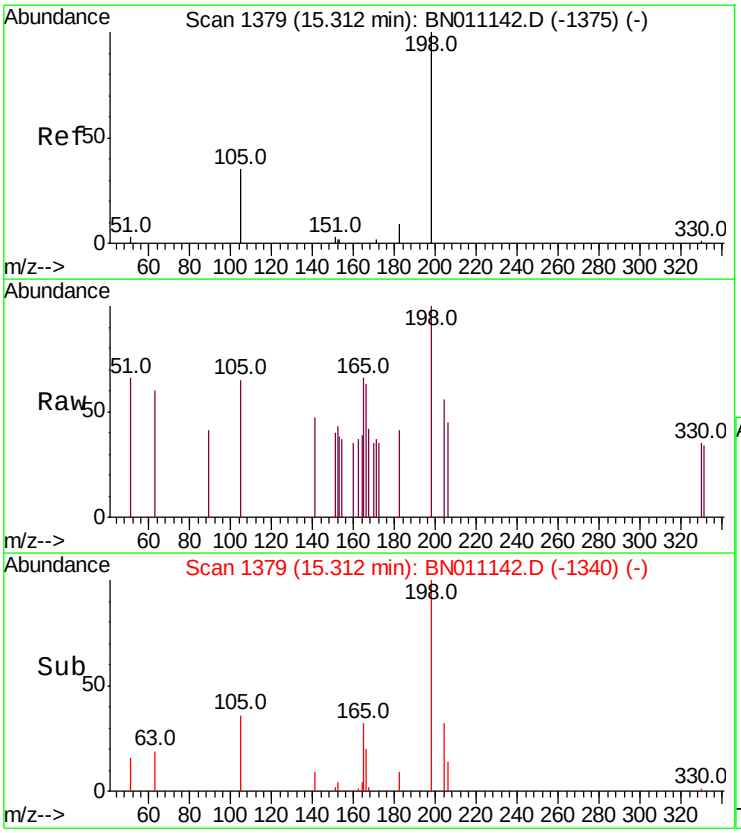
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 5661

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.3	9.5

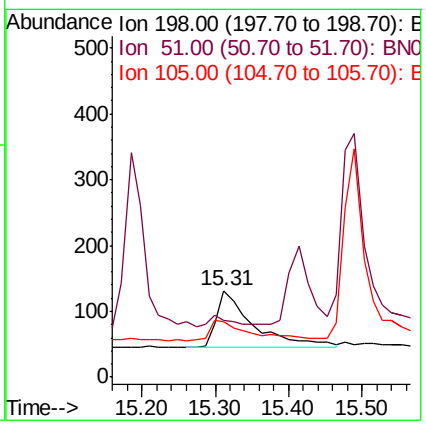


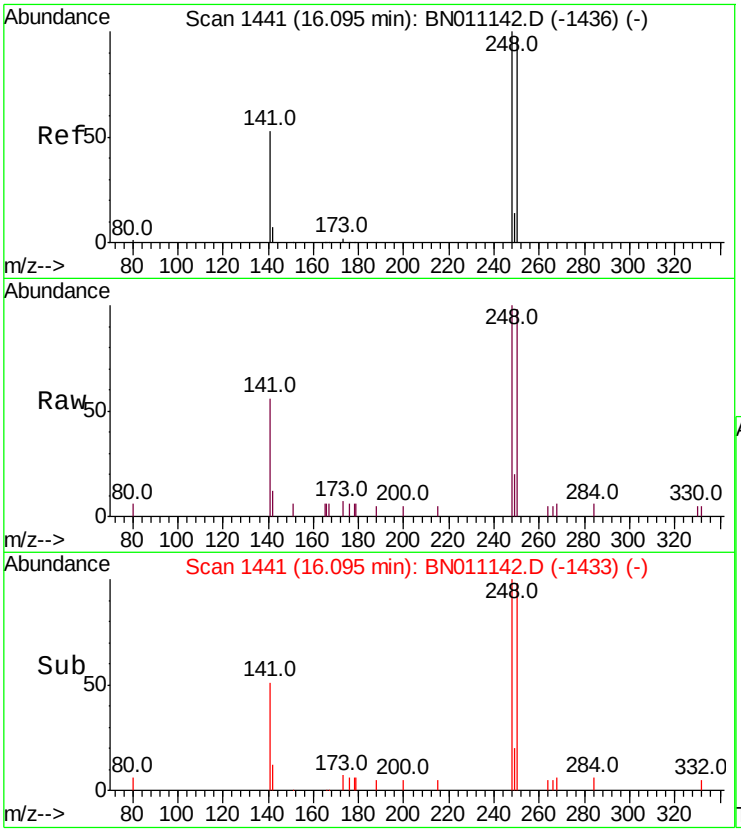


#20
4,6-Dinitro-2-methylphenol
Concen: 0.504 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	66.4	53.1	79.7
105	64.9	51.9	77.9



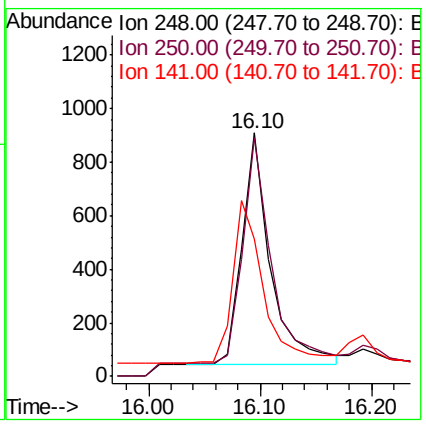


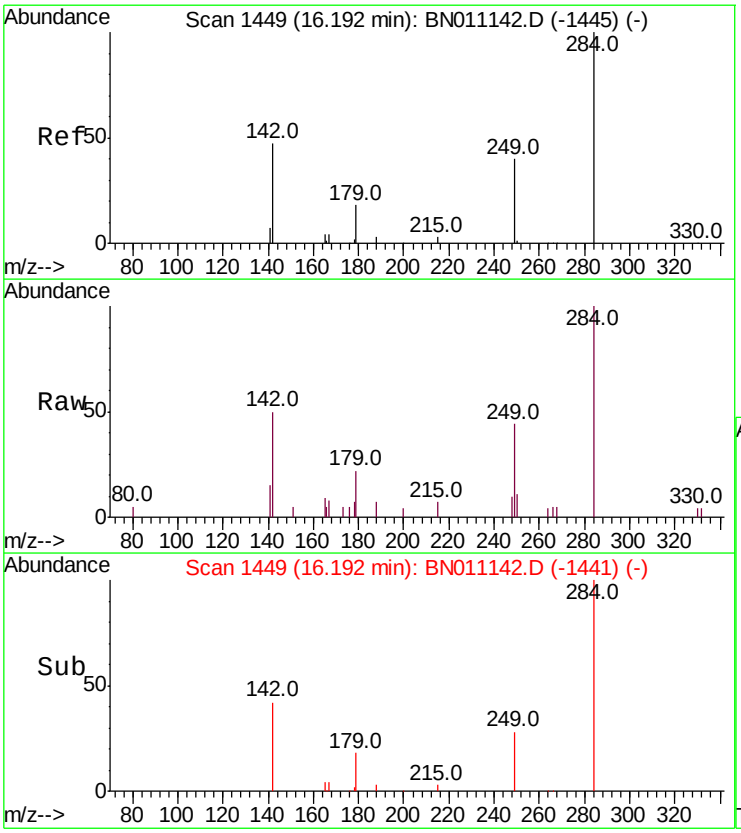
#21
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1544

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	56.4	45.1	67.7

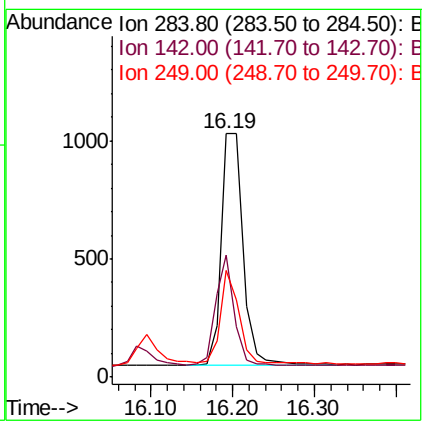


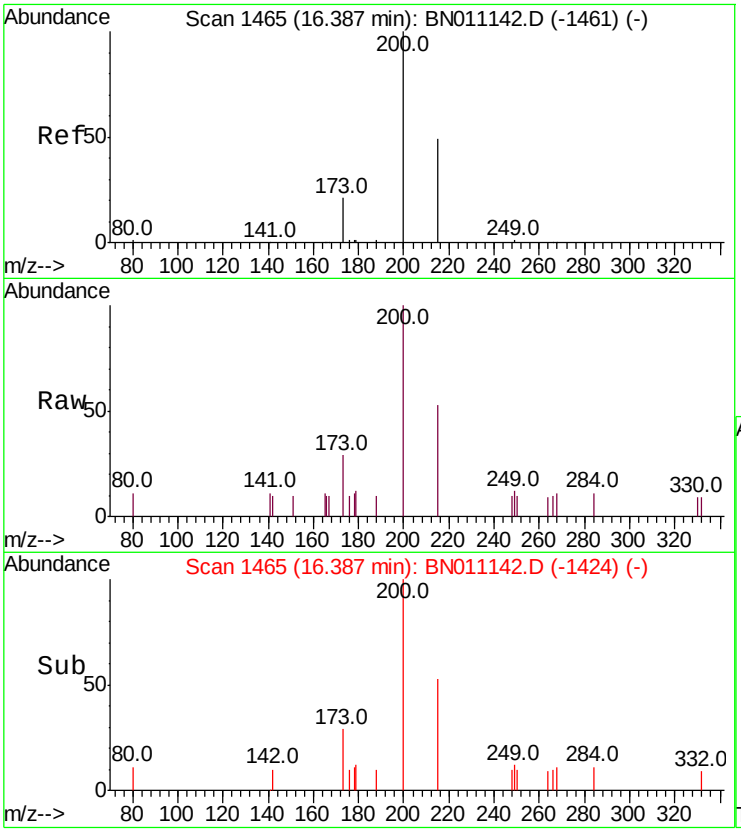


#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:284 Resp: 1816

Ion	Ratio	Lower	Upper
284	100		
142	40.7	32.6	48.8
249	35.5	28.4	42.6



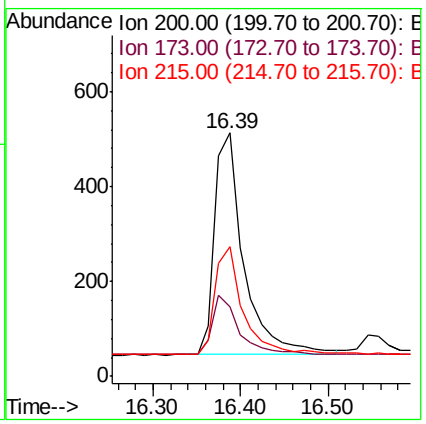


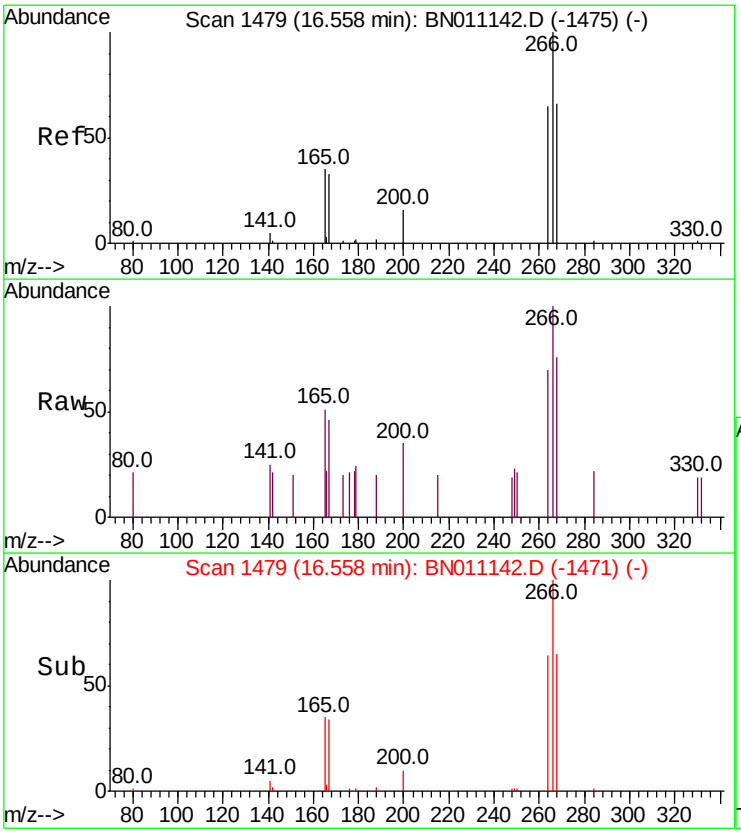
#23
Atrazine
Concen: 0.408 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 1084

Ion	Ratio	Lower	Upper
200	100		
173	28.7	23.0	34.4
215	53.2	42.6	63.8

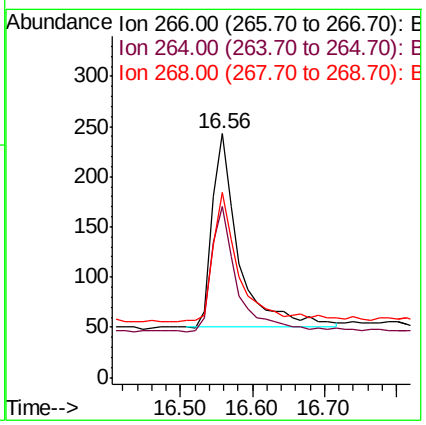


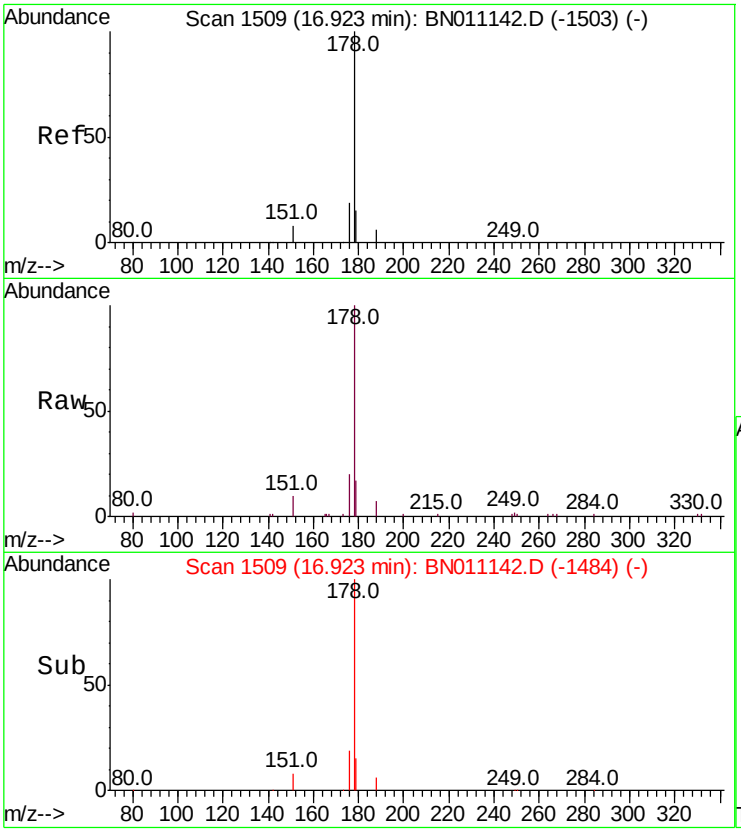


#24
Pentachlorophenol
Concen: 0.414 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:266 Resp: 494

Ion	Ratio	Lower	Upper
266	100		
264	65.6	52.5	78.7
268	61.1	48.9	73.3



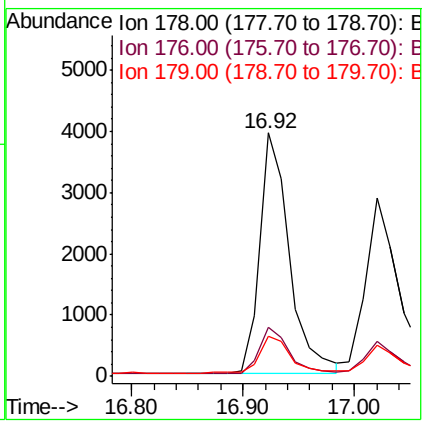


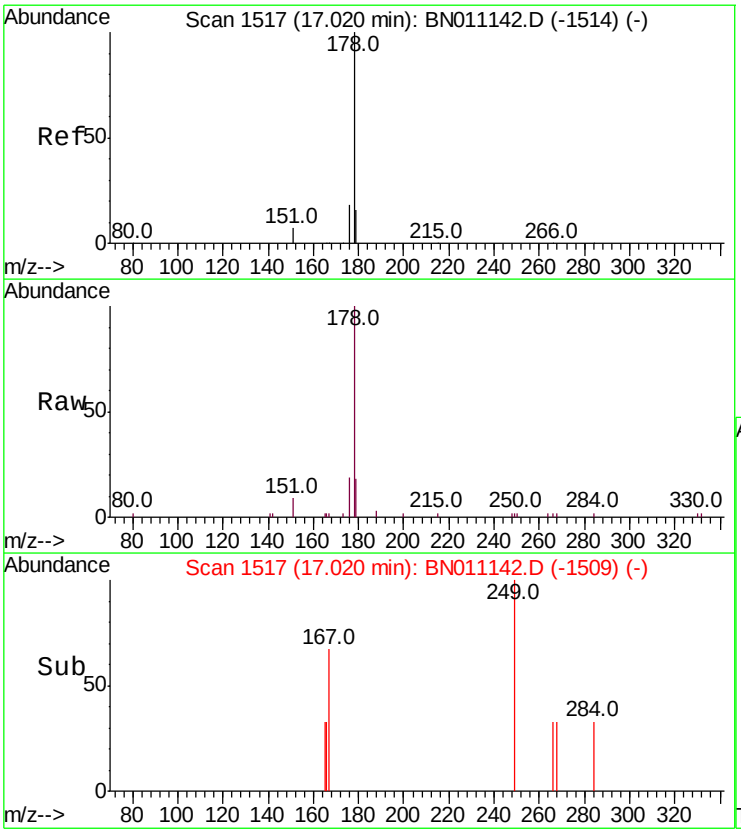
#25
Phenanthrene
Concen: 0.396 ng
RT: 16.92 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 7265

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8

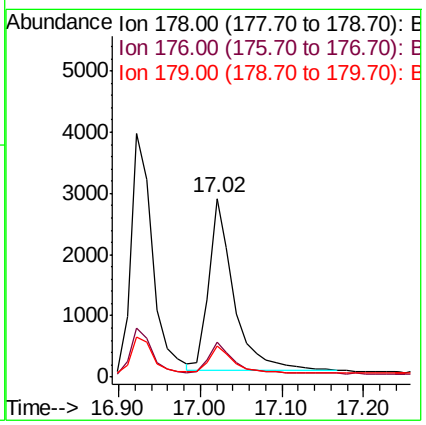


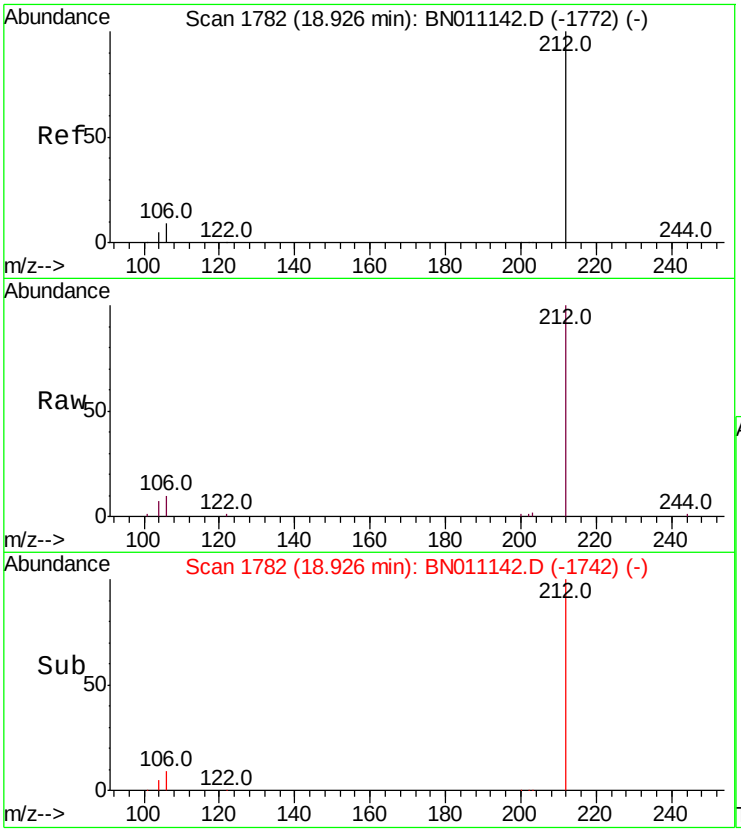


#26
Anthracene
Concen: 0.395 ng
RT: 17.02 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:178 Resp: 5991

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.0	12.0	18.0



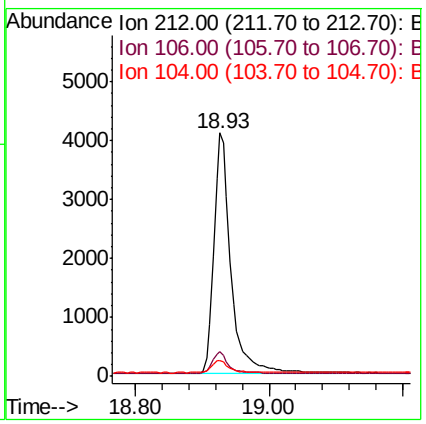


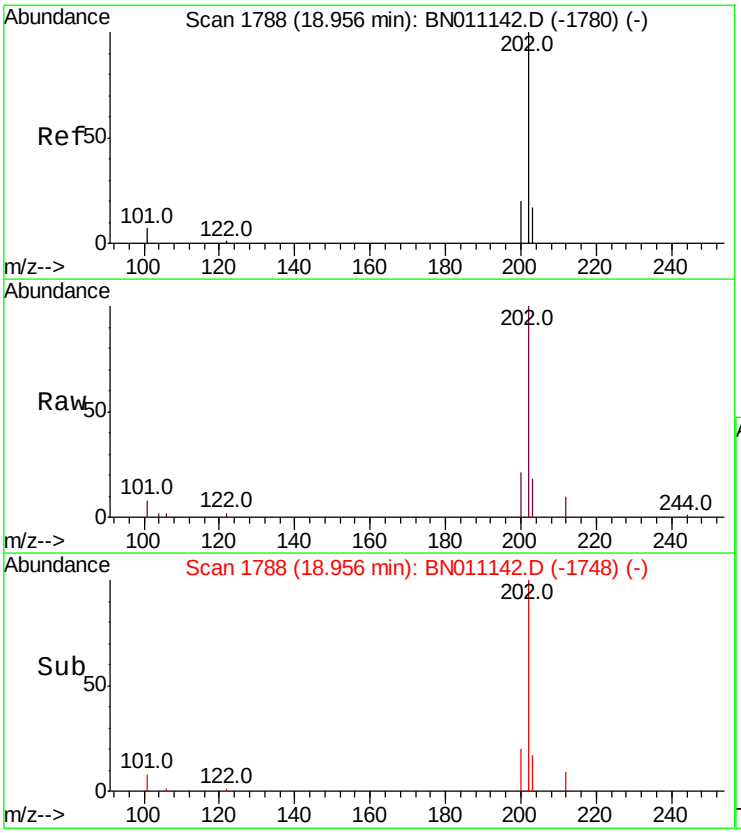
#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 18.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 7264

Ion	Ratio	Lower	Upper
212	100		
106	8.8	7.0	10.6
104	5.3	4.2	6.4

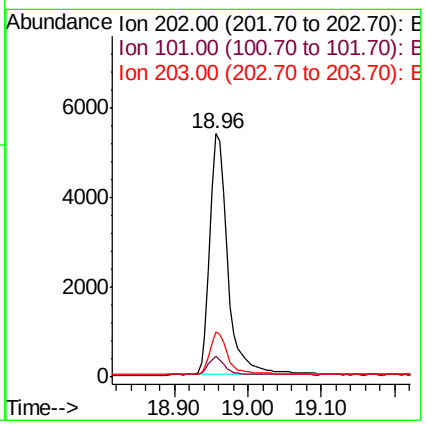


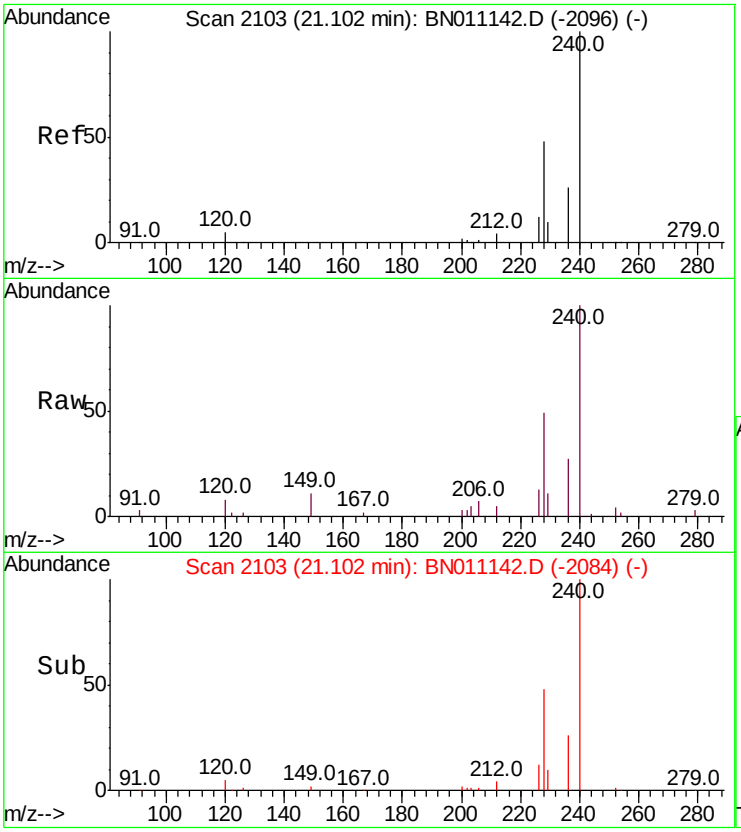


#28
Fluoranthene
Concen: 0.443 ng
RT: 18.96 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:202 Resp: 9132

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.9	8.9
203	17.0	13.6	20.4



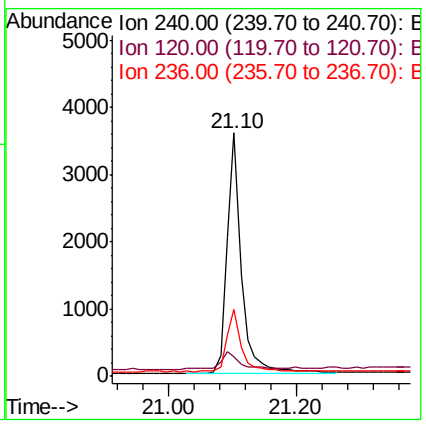


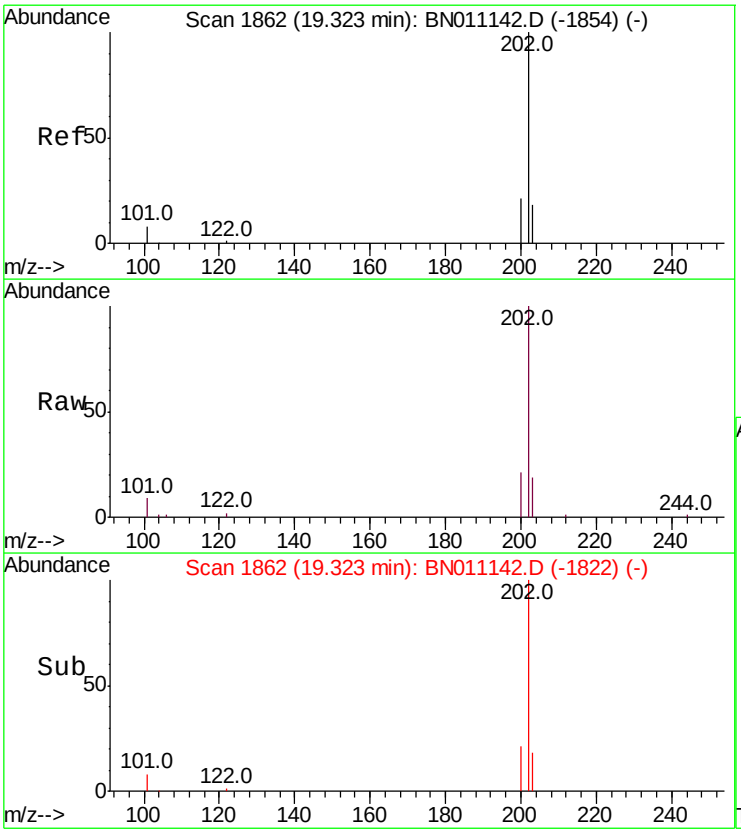
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 5472

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	27.4	21.9	32.9

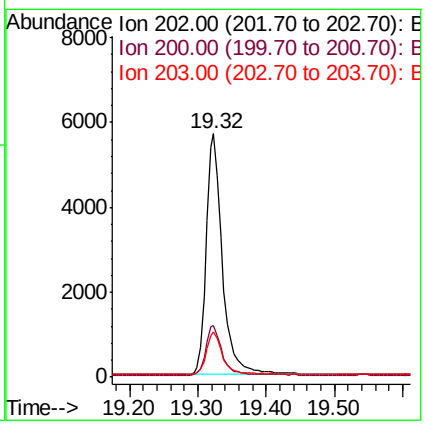


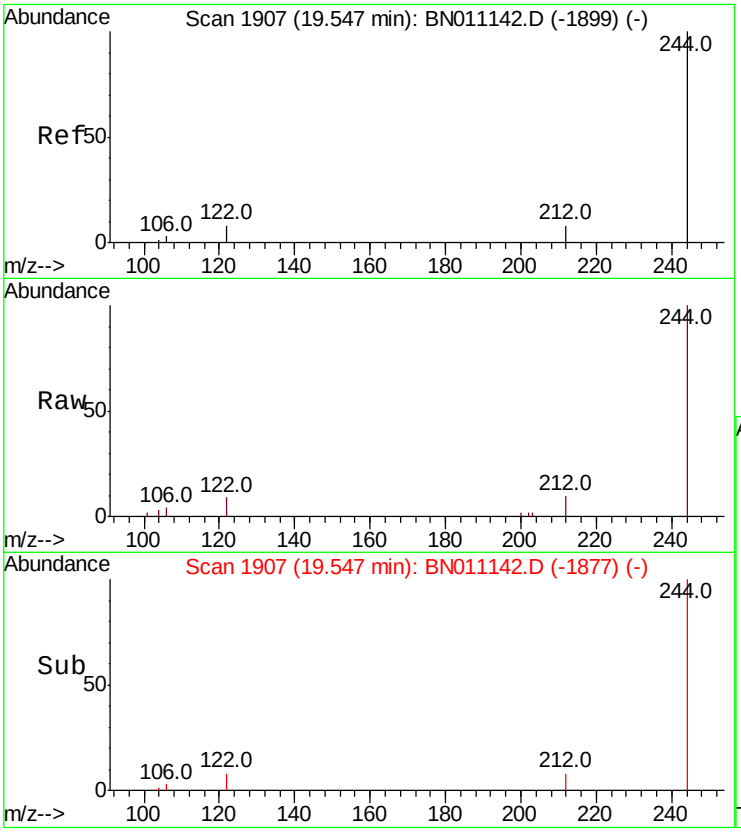


#30
Pyrene
Concen: 0.464 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:202 Resp: 9467

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.8	14.2	21.4



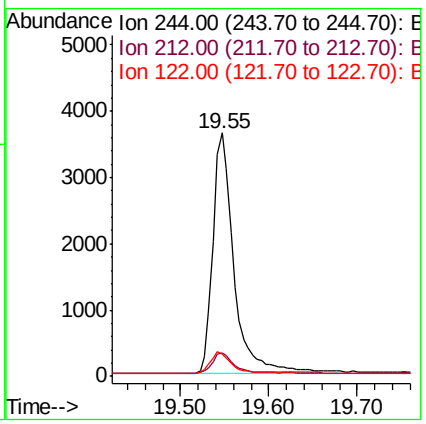


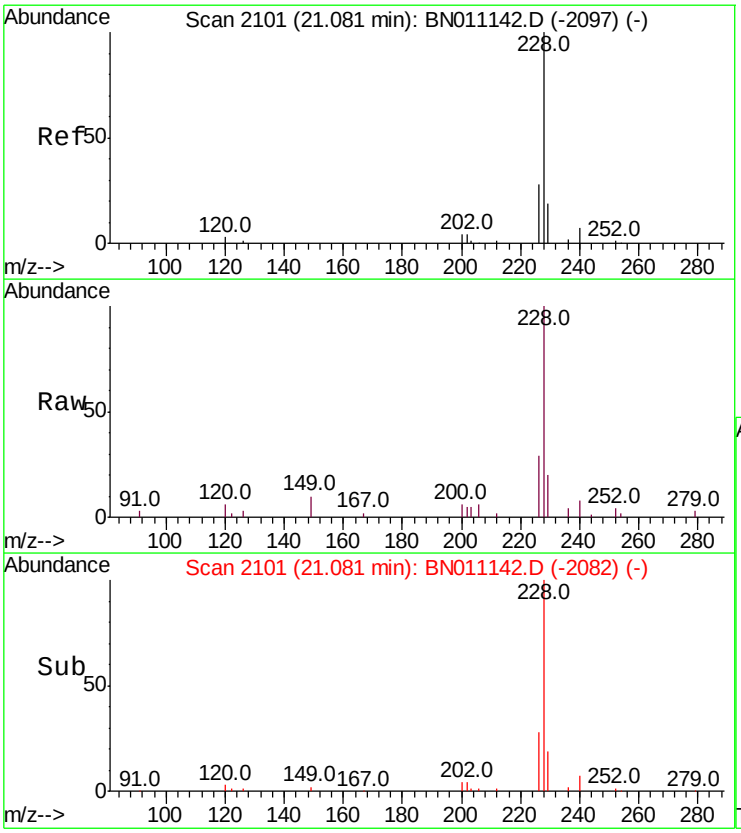
#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6015

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	9.2	7.4	11.0

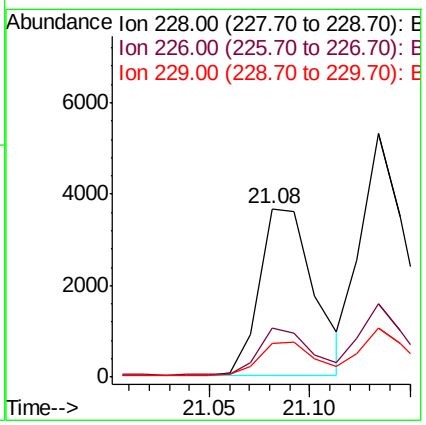


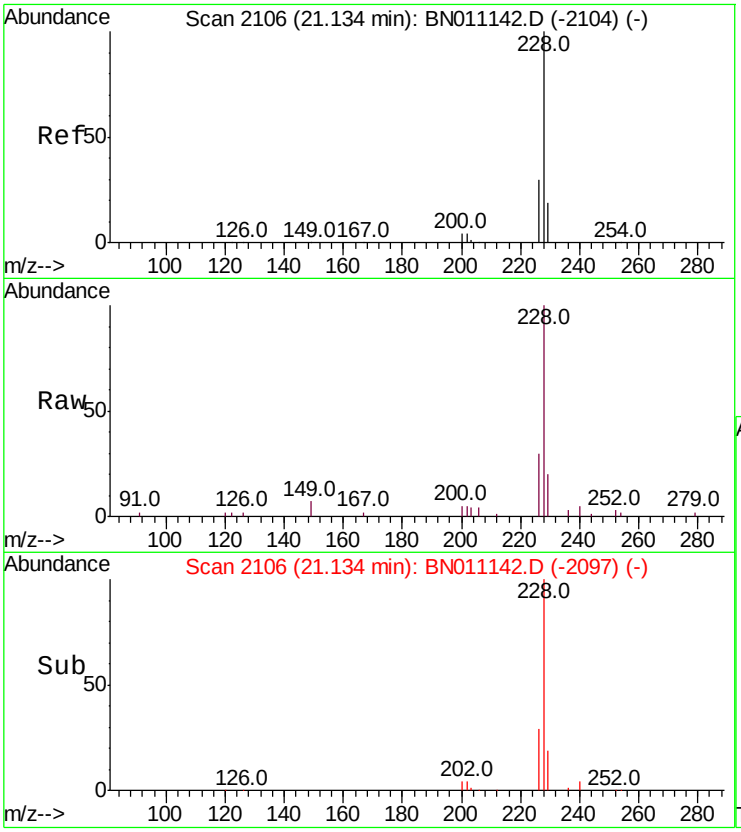


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.08 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:228 Resp: 6882

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	20.3	16.2	24.4



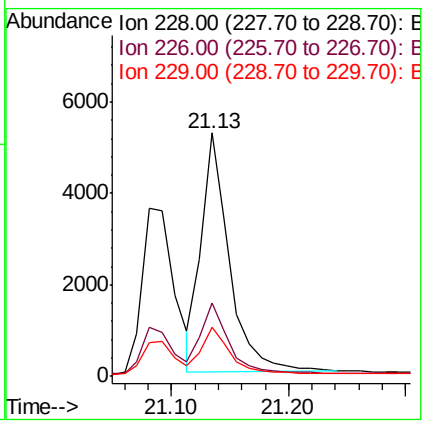


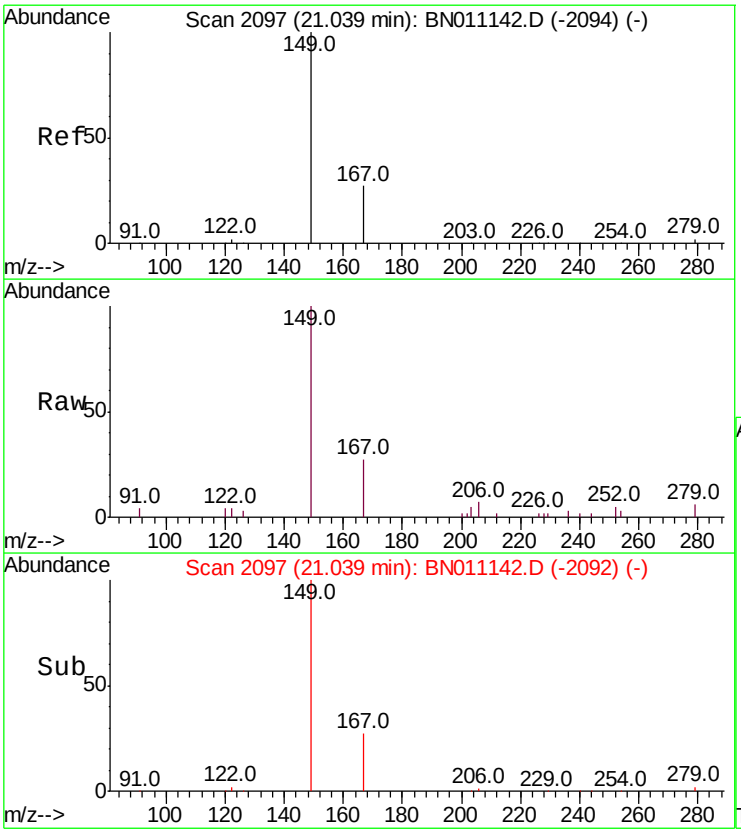
#33
Chrysene
Concen: 0.411 ng
RT: 21.13 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 8626

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.3	16.2	24.4

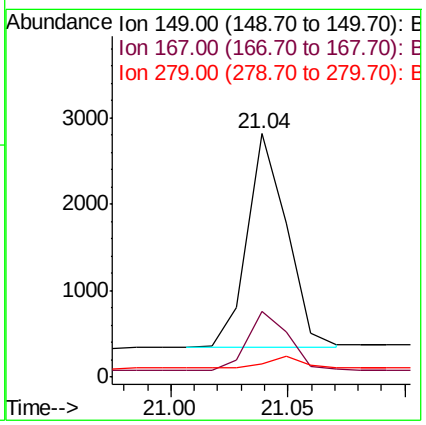


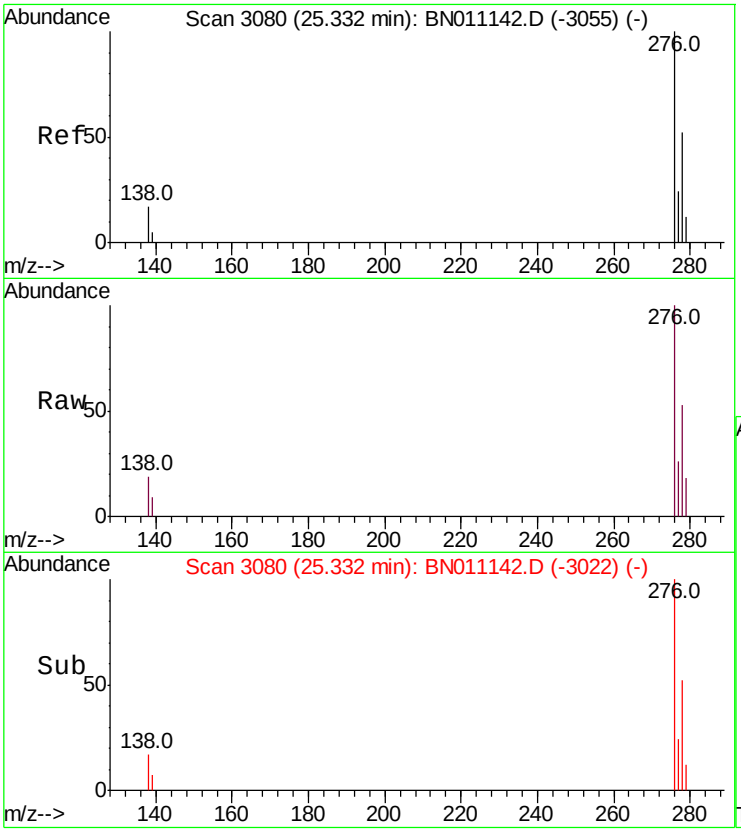


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.04 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:149 Resp: 2883

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.6	4.5	6.7



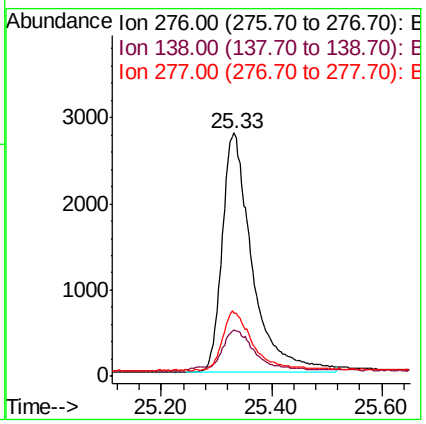


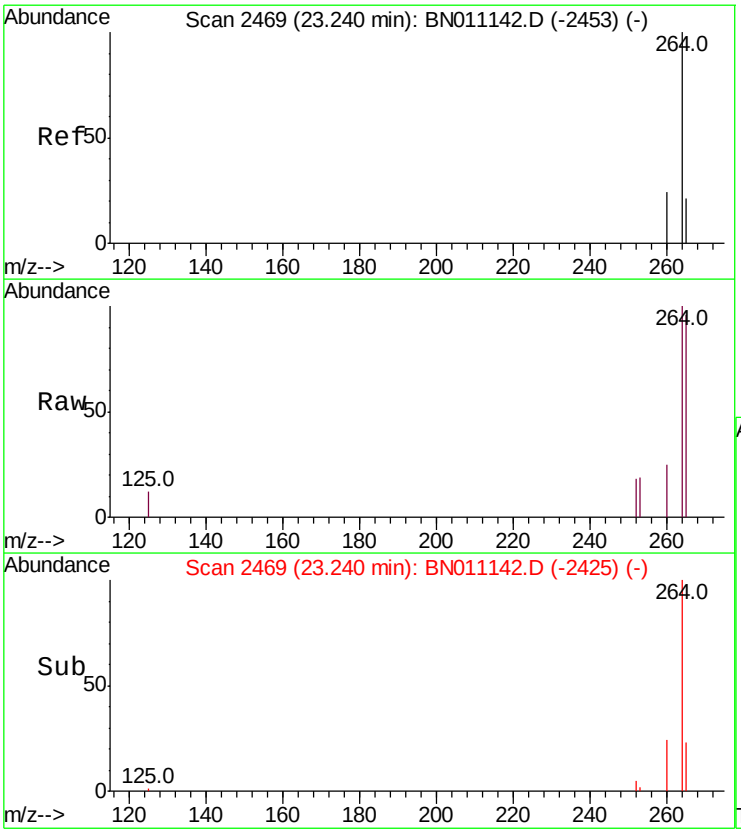
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng
RT: 25.33 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10482

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	24.6	19.7	29.5

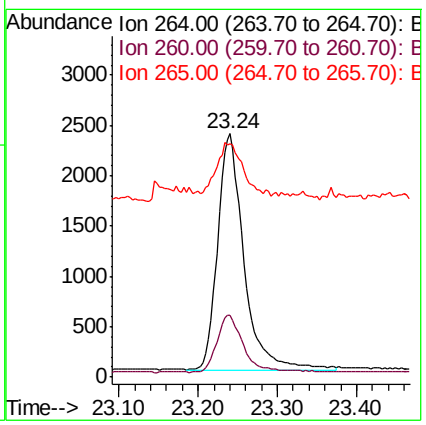


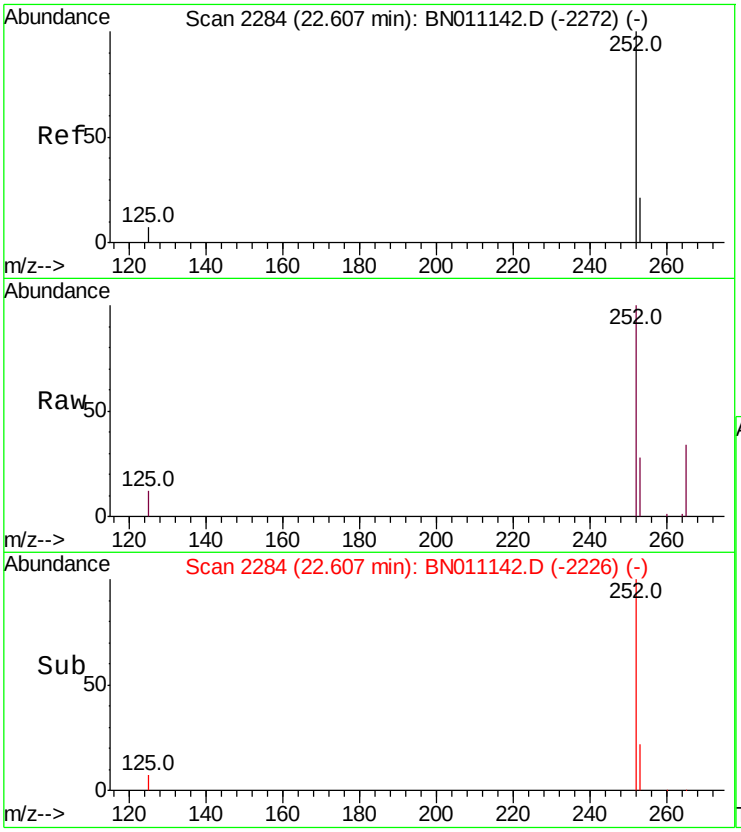


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:264 Resp: 5404

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	95.8	76.6	115.0



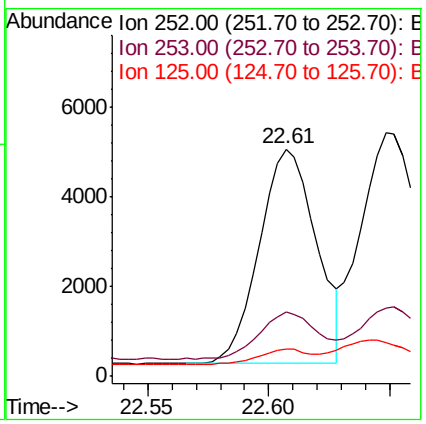


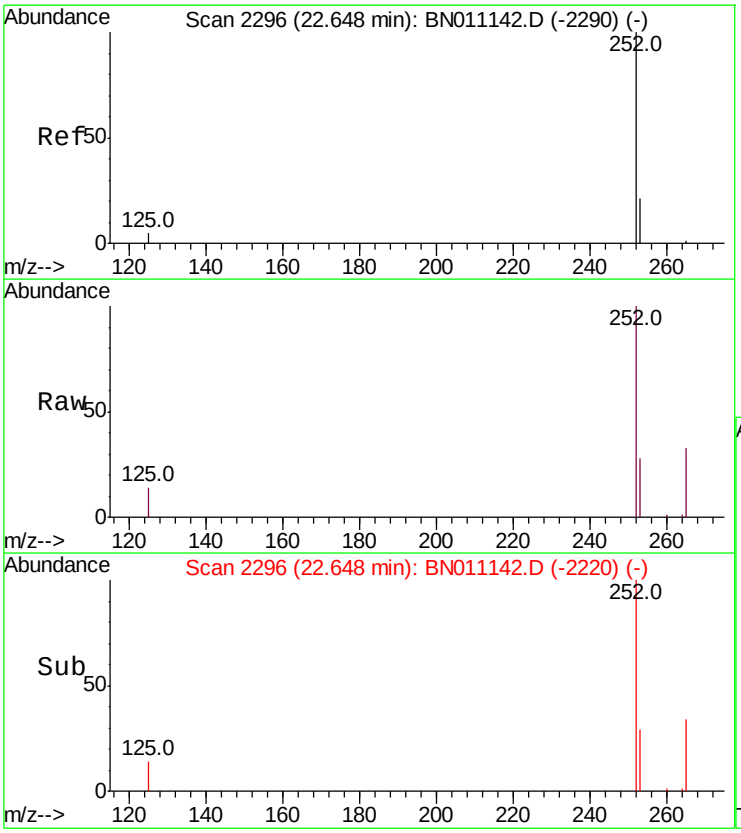
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.61 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7857

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.6	34.0
125	12.0	9.6	14.4

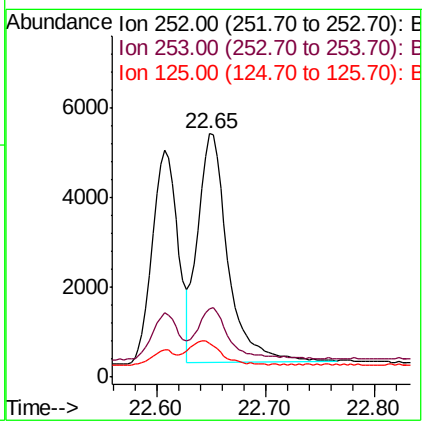


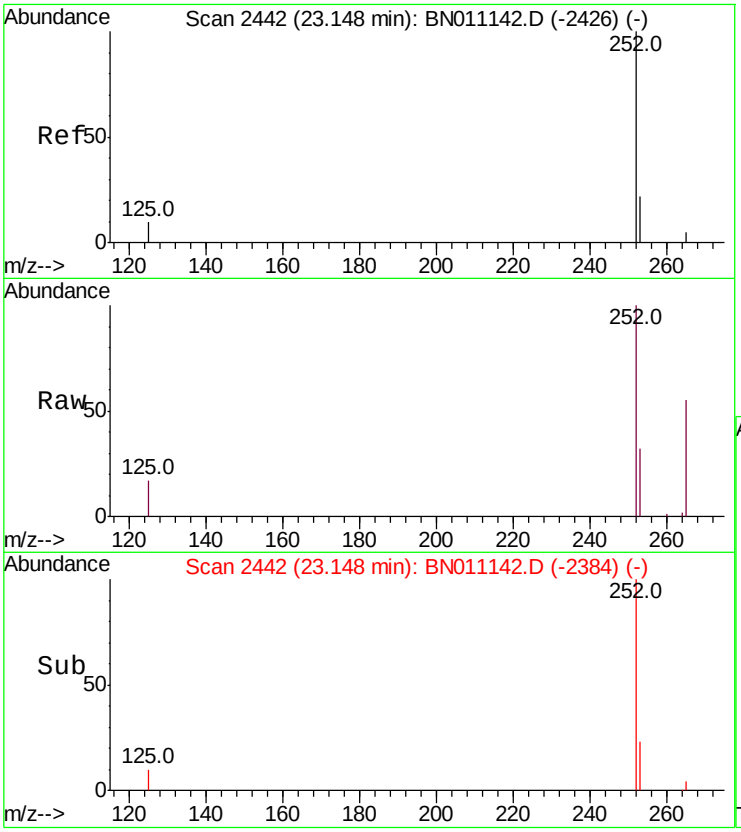


#38
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.65 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:252 Resp: 9861

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.2	33.4
125	13.7	11.0	16.4



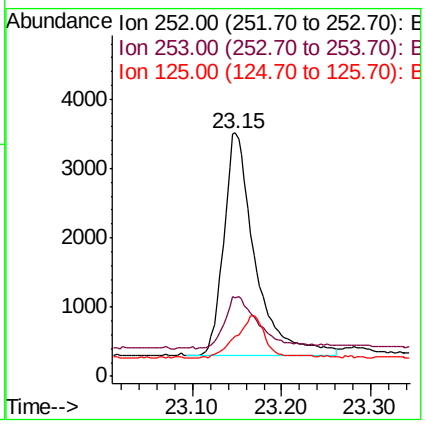


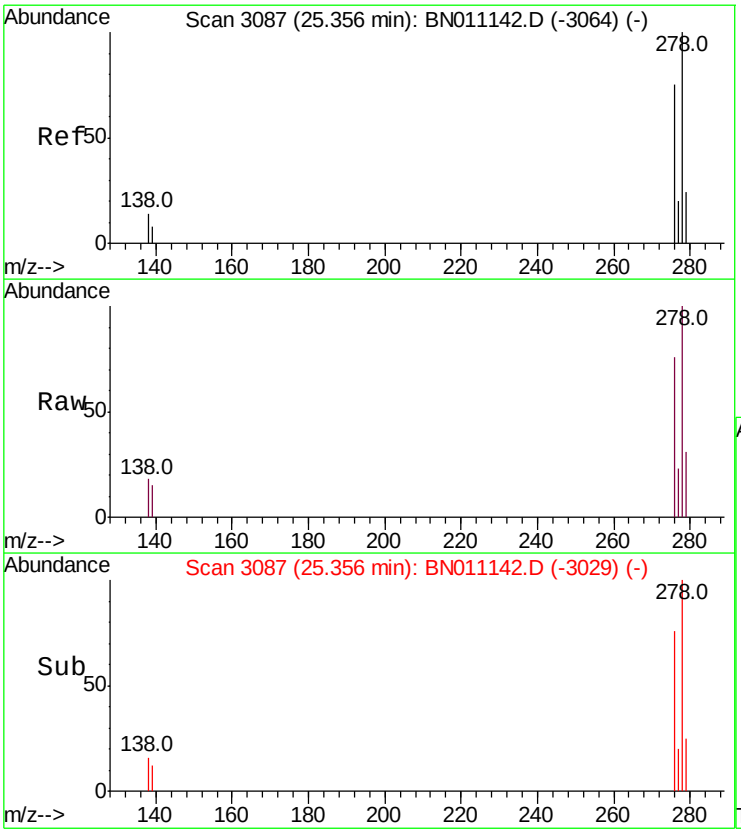
#39
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.15 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7924

Ion	Ratio	Lower	Upper
252	100		
253	32.2	25.8	38.6
125	16.7	13.4	20.0

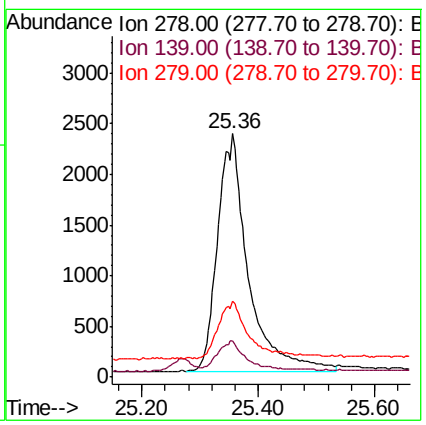


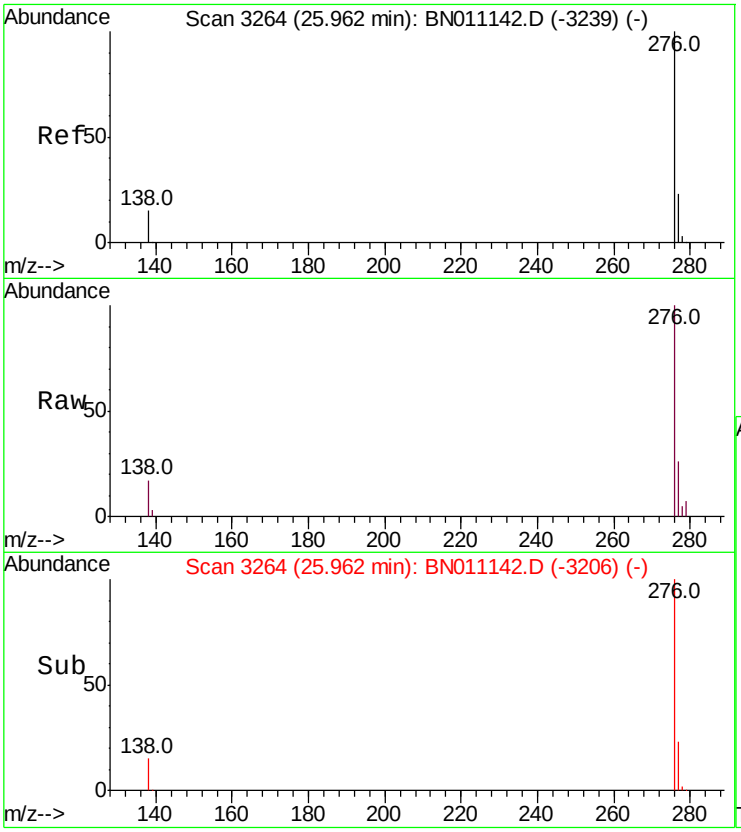


#40
Dibenzo(a,h)anthracene
Concen: 0.446 ng
RT: 25.36 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:278 Resp: 8526

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	31.3	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.445 ng
RT: 25.96 min Scan# 3264
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 9380

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.5	30.7
138	17.2	13.8	20.6