Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071420\
Data File : BN011160.D
Acq On : 14 Jul 2020 14:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 14 15:09:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1559	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5367	0.40	ng		0.00
13) Acenaphthene-d10	14.12	164	3120	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	7441	0.40	ng		0.00
29) Chrysene-d12	21.09	240	7946	0.40	ng		0.00
36) Perylene-d12	23.23	264	7359	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1506	0.39	ng		0.00
5) Phenol-d6	6.70	99	1845	0.42	ng		0.00
8) Nitrobenzene-d5	8.63	82	1954	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	3410	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	620	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.74	172	5337	0.37	ng		0.00
27) Fluoranthene-d10	18.92	212	9267	0.40	ng		0.00
31) Terphenyl-d14	19.54	244	7991	0.39	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.51	42	458	0.408	ng	#	92
6) bis(2-Chloroethyl)ether	6.95	93	1610	0.404	ng		99
9) Naphthalene	10.29	128	5894	0.369	ng		100
10) Hexachlorobutadiene	10.58	225	1316	0.333	ng	#	100
12) 2-Methylnaphthalene	11.92	142	3947	0.393	ng		97
16) Acenaphthylene	13.84	152	5850	0.368	ng		100
17) Acenaphthene	14.18	154	3948	0.373	ng		98
18) Fluorene	15.19	166	5331	0.392	ng		99
20) 4,6-Dinitro-2-methylphenol	15.29	198	423	0.438	ng		88
21) 4-Bromophenyl-phenylether	16.08	248	1850	0.366	ng		98
22) Hexachlorobenzene	16.19	284	1950	0.331	ng		97
23) Atrazine	16.36	200	1430	0.403	ng		93
24) Pentachlorophenol	16.55	266	676	0.387	ng		93
25) Phenanthrene	16.92	178	9141	0.382	ng		99
26) Anthracene	17.01	178	7550	0.380	ng		99
28) Fluoranthene	18.95	202	11088	0.387	ng		100
30) Pyrene	19.31	202	11213	0.370	ng		99
32) Benzo(a)anthracene	21.08	228	9735	0.378	ng		97
33) Chrysene	21.12	228	11386	0.362	ng		98
34) Bis(2-ethylhexyl)phthalate	21.04	149	4802	0.453	ng		97
35) Indeno(1,2,3-cd)pyrene	25.32	276	11370	0.340	ng		98
37) Benzo(b)fluoranthene	22.60	252	10275	0.348	ng		97
38) Benzo(k)fluoranthene	22.64	252	12305	0.368	ng	#	96
39) Benzo(a)pyrene	23.14	252	9410	0.354	ng		95
40) Dibenzo(a,h)anthracene	25.33	278	8964	0.318	ng		97
41) Benzo(g,h,i)perylene	25.94	276	9391	0.303	ng		99

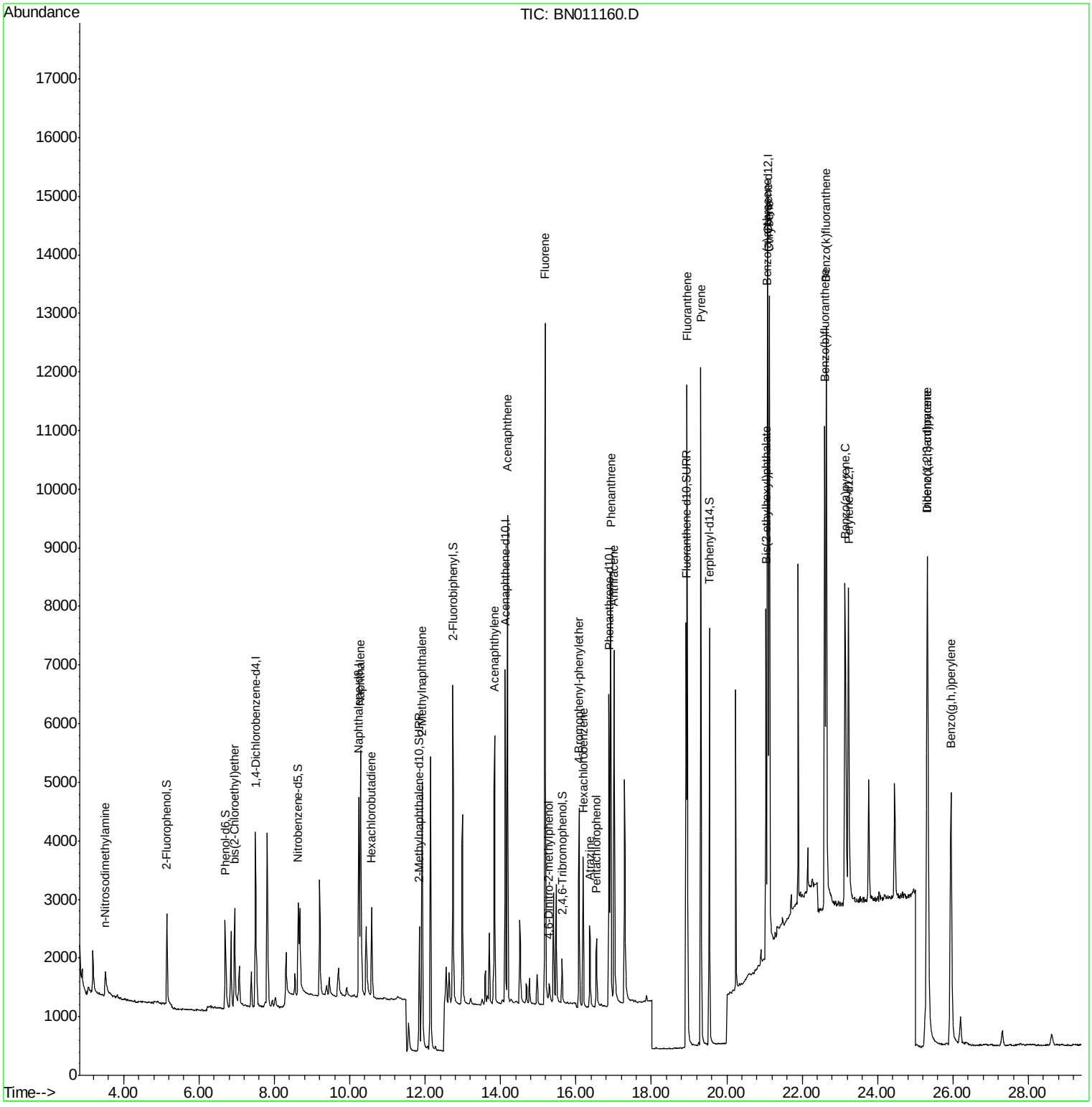
(#) = qualifier out of range (m) = manual integration (+) = signals summed

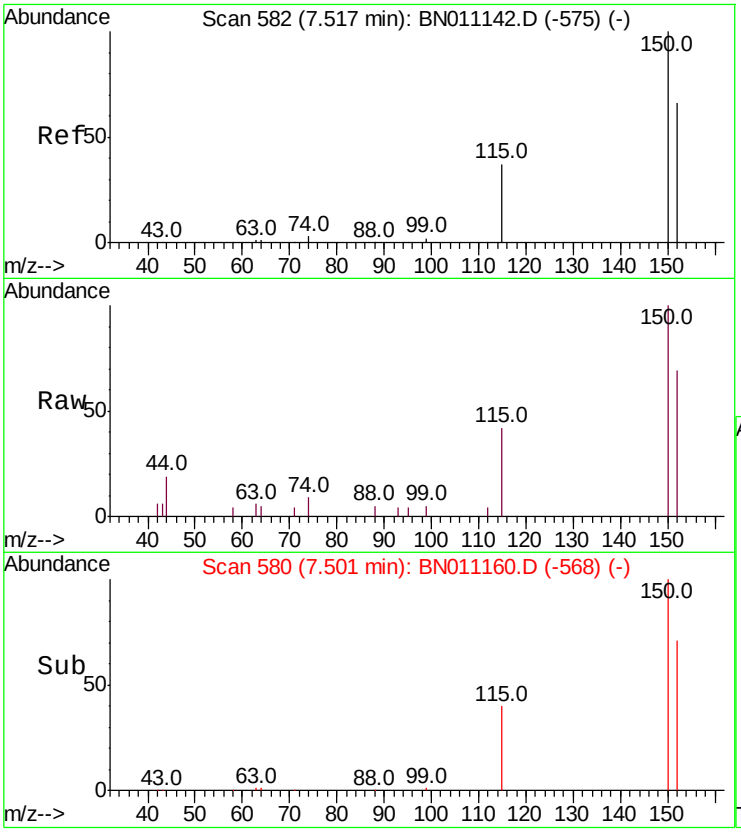
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071420\
Data File : BN011160.D
Acq On : 14 Jul 2020 14:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 14 15:09:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
Response via : Initial Calibration



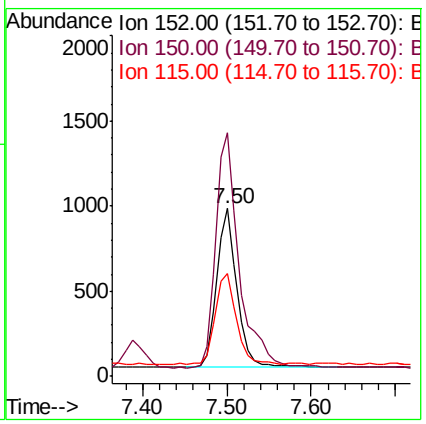


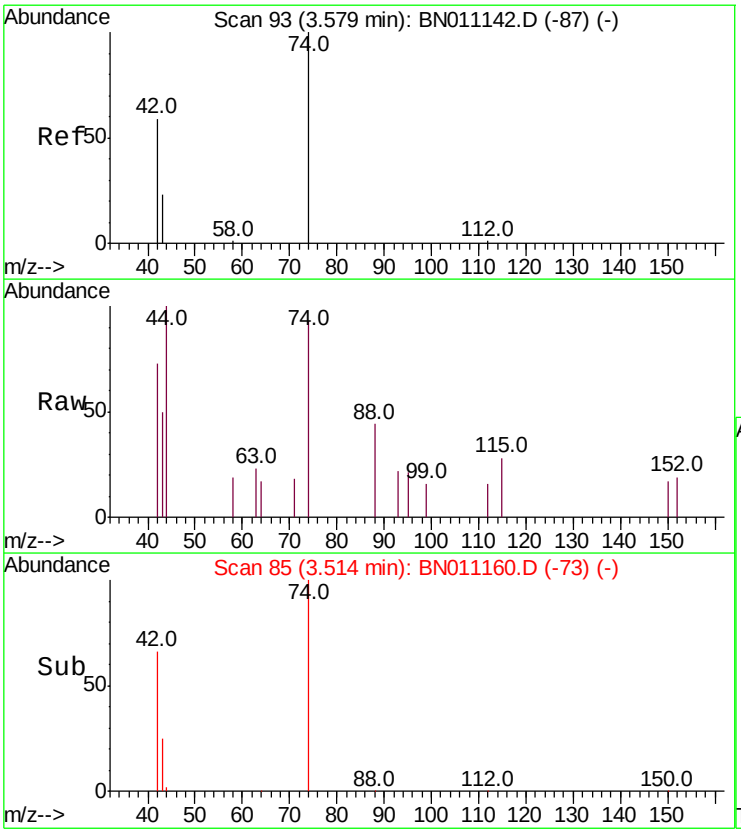
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1559

Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.4	179.0
115	61.3	48.3	72.5

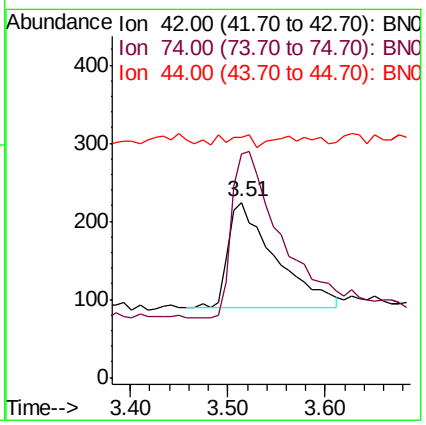


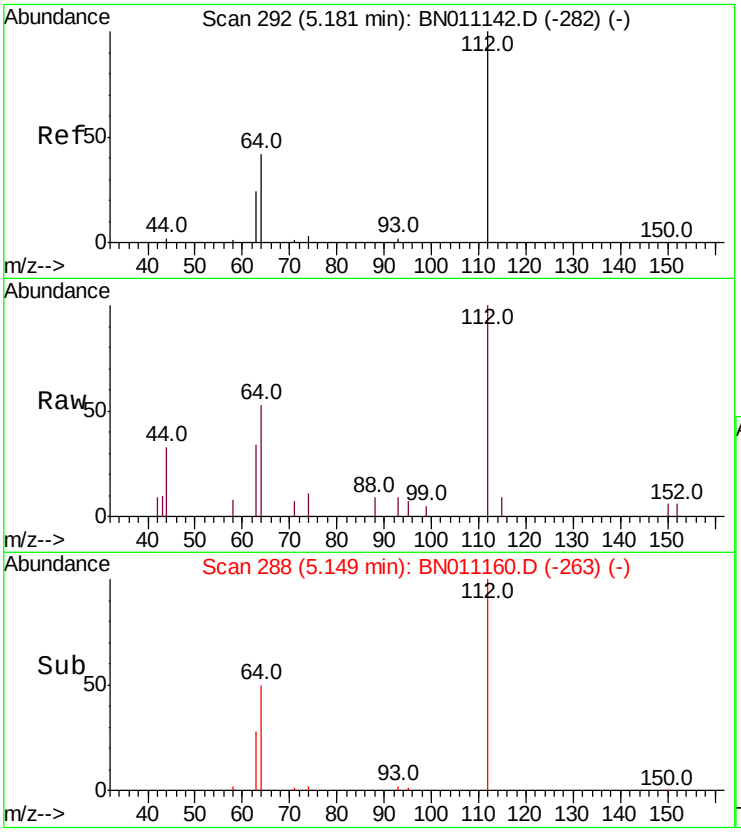


#3
n-Nitrosodimethylamine
Concen: 0.408 ng
RT: 3.51 min Scan# 85
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion: 42 Resp: 458

Ion	Ratio	Lower	Upper
42	100		
74	166.6	140.9	211.3
44	0.0	7.6	11.4#



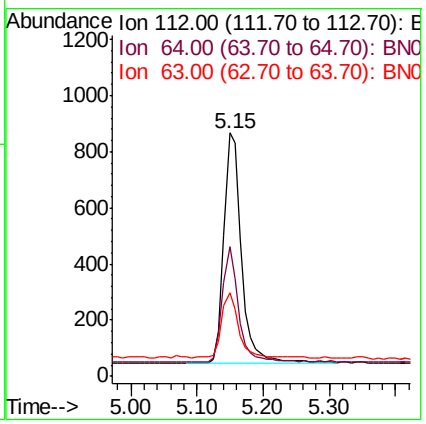


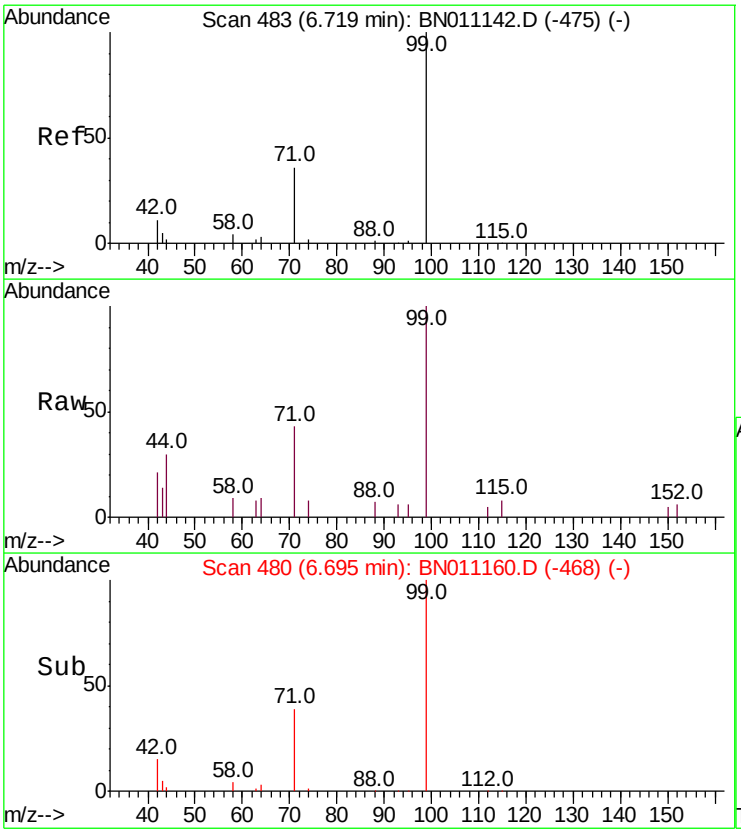
#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.15 min Scan# 288
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:112 Resp: 1506

Ion	Ratio	Lower	Upper
112	100		
64	45.6	36.7	55.1
63	26.4	20.4	30.6

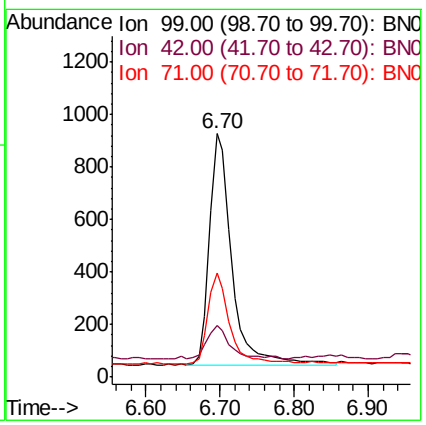


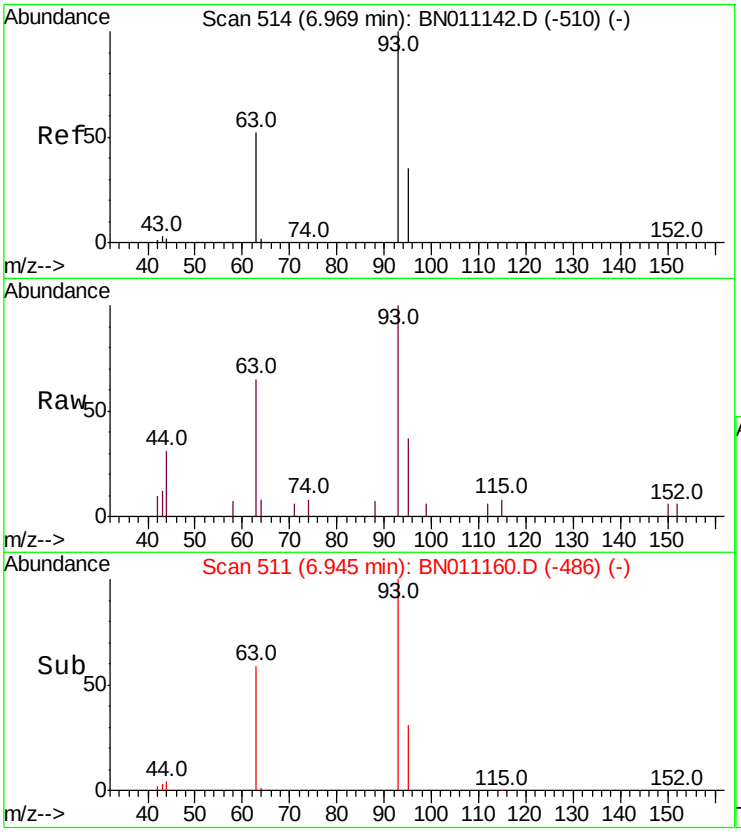


#5
Phenol-d6
Concen: 0.424 ng
RT: 6.70 min Scan# 480
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion: 99 Resp: 1845

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.8	16.2
71	38.0	31.3	46.9



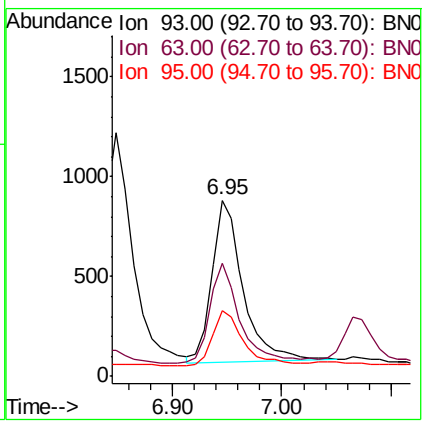


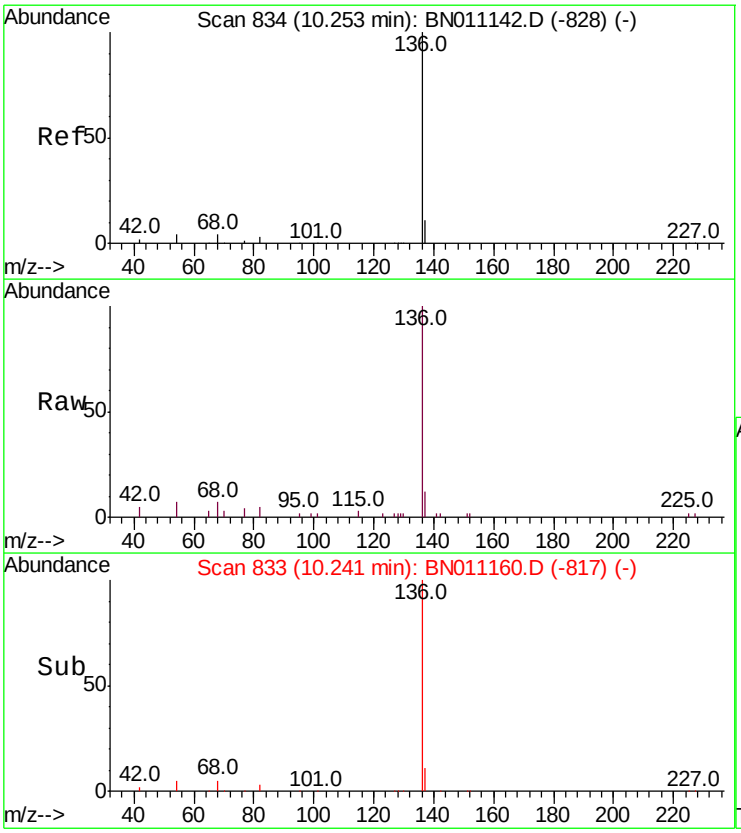
#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 6.95 min Scan# 511
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 1610

Ion	Ratio	Lower	Upper
93	100		
63	59.9	47.4	71.0
95	33.9	28.1	42.1

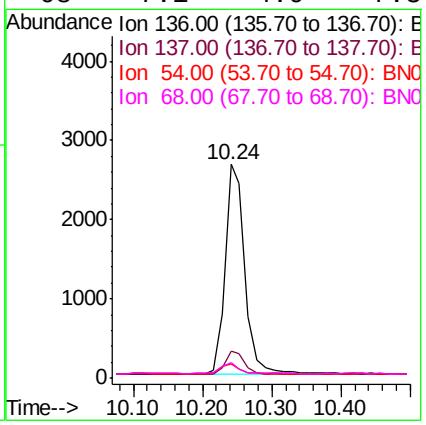


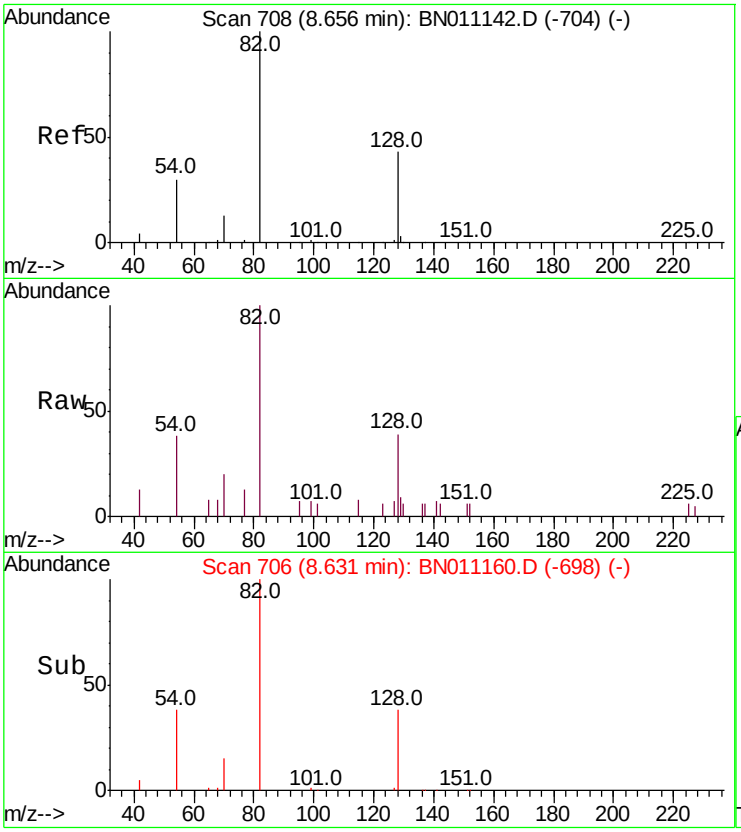


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:136 Resp: 5367

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	6.8	4.9	7.3
68	7.1	4.9	7.3



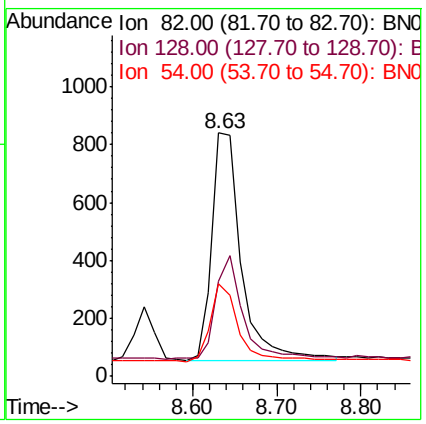


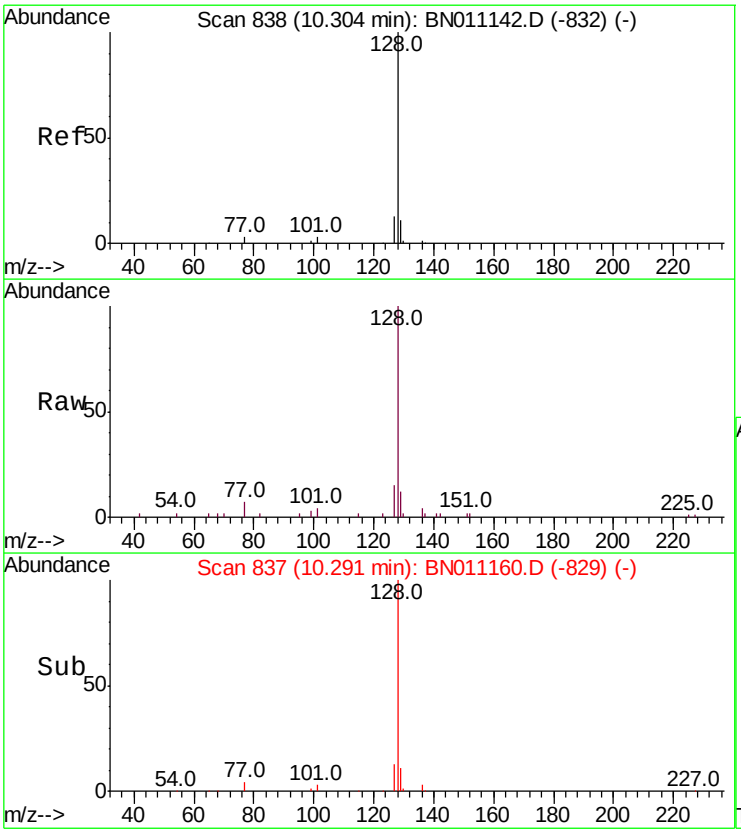
#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.63 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 1954

Ion	Ratio	Lower	Upper
82	100		
128	38.9	38.1	57.1
54	38.2	27.1	40.7

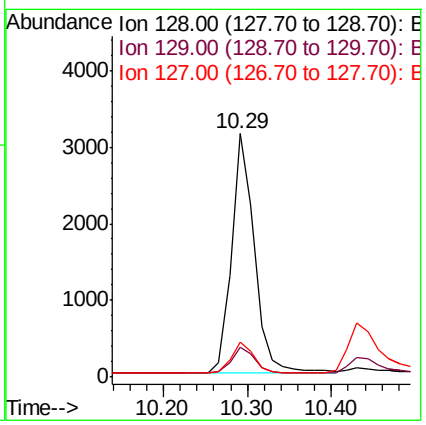


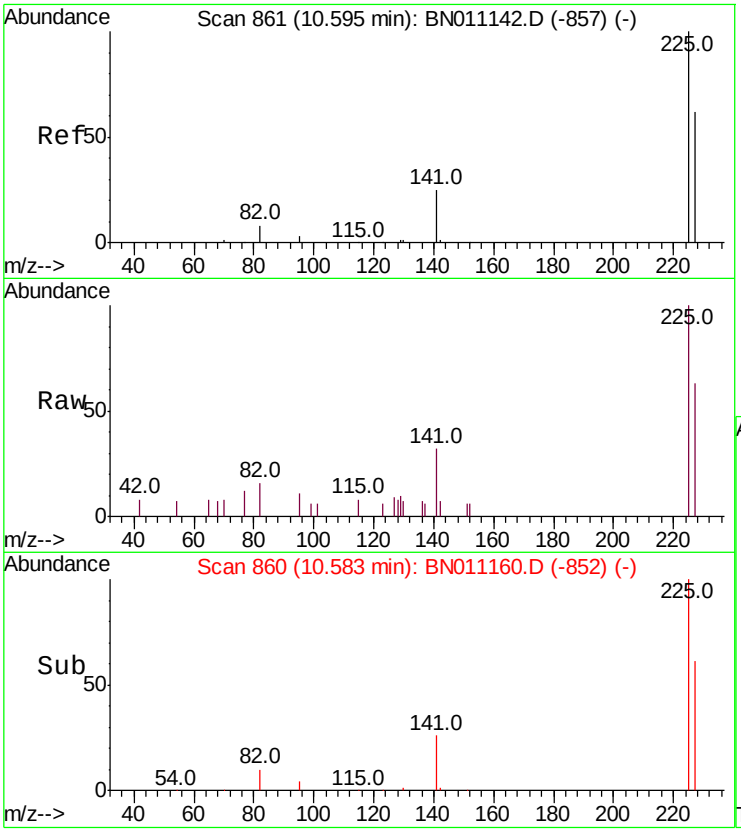


#9
Naphthalene
Concen: 0.369 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:128 Resp: 5894

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.6	11.8	17.6



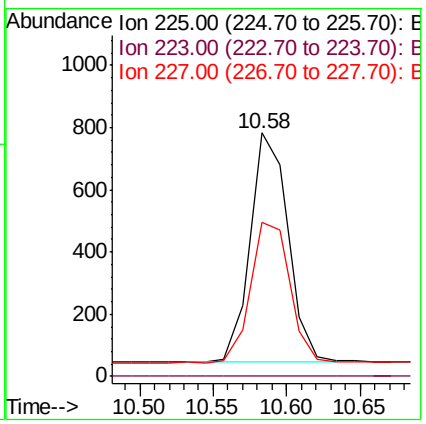


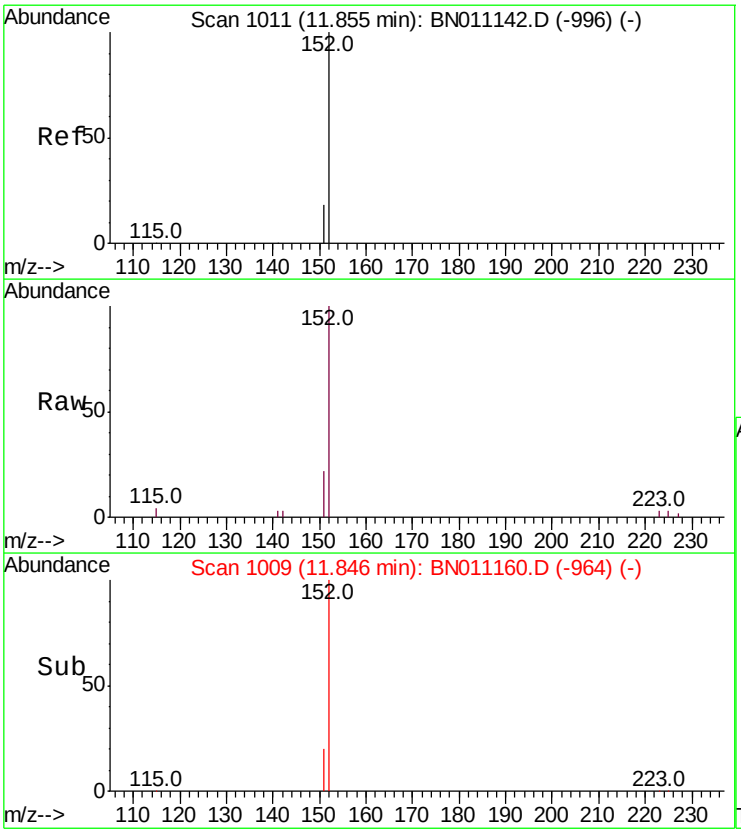
#10
Hexachlorobutadiene
Concen: 0.333 ng
RT: 10.58 min Scan# 860
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:225 Resp: 1316

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8

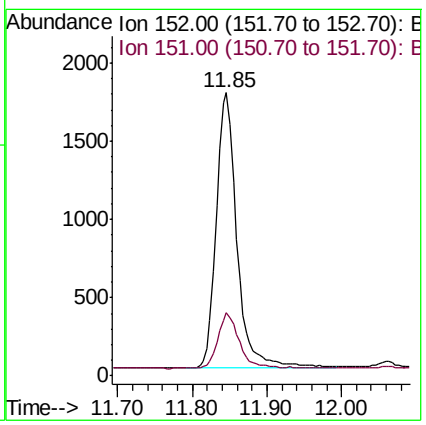


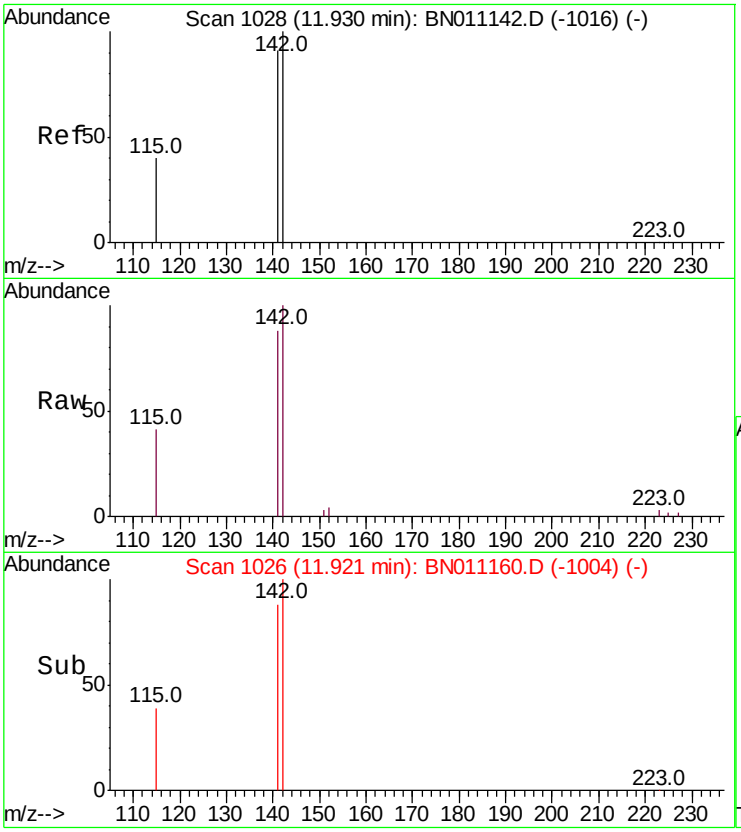


#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:152 Resp: 3410

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7



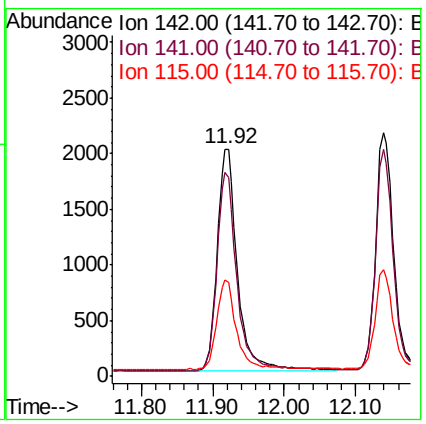


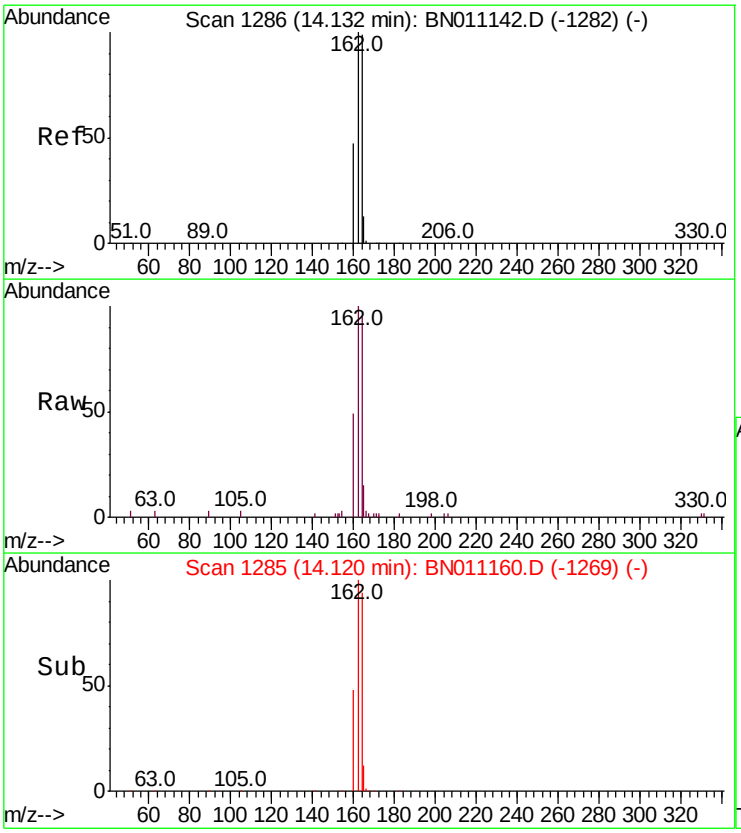
#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 3947

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.7	109.1
115	41.1	33.8	50.6

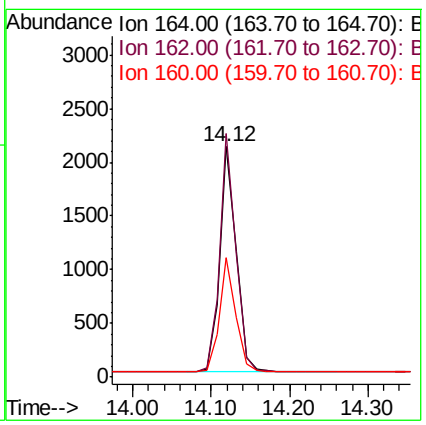


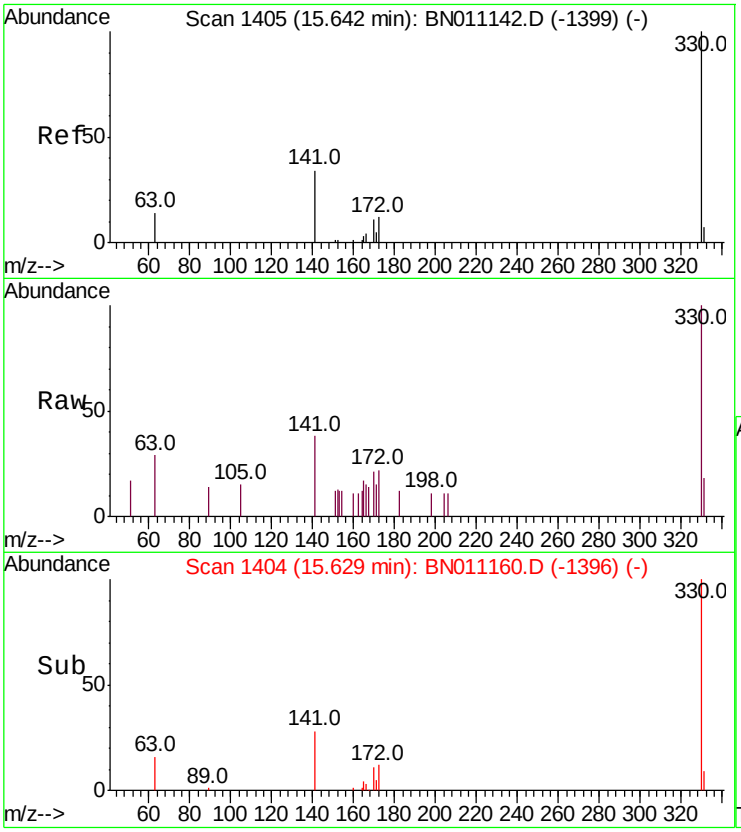


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:164 Resp: 3120

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.0	121.4
160	52.0	39.0	58.6



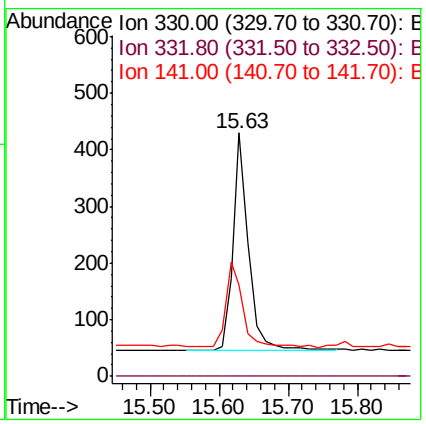


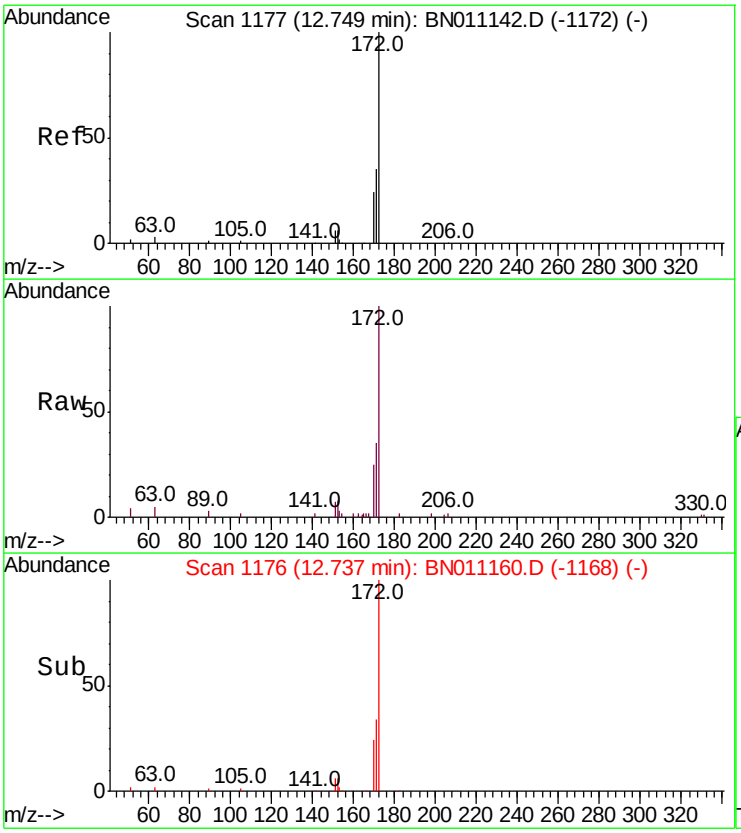
#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.63 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 620

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.2	31.5	47.3

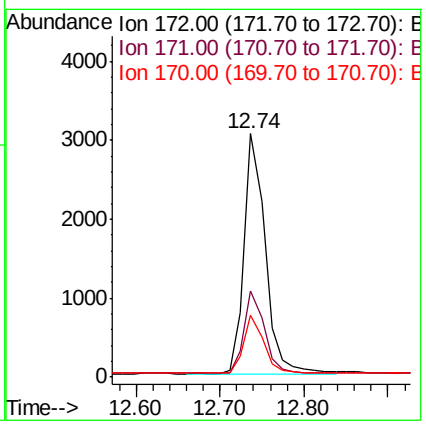


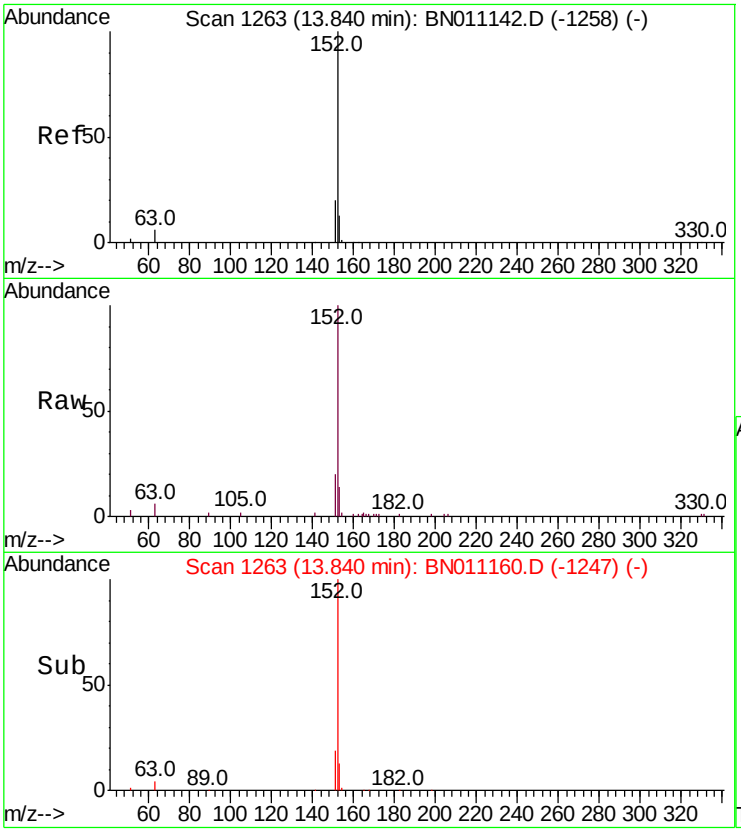


#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.74 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:172 Resp: 5337

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	25.3	20.3	30.5



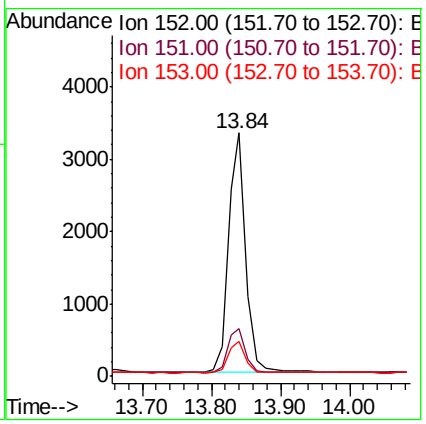


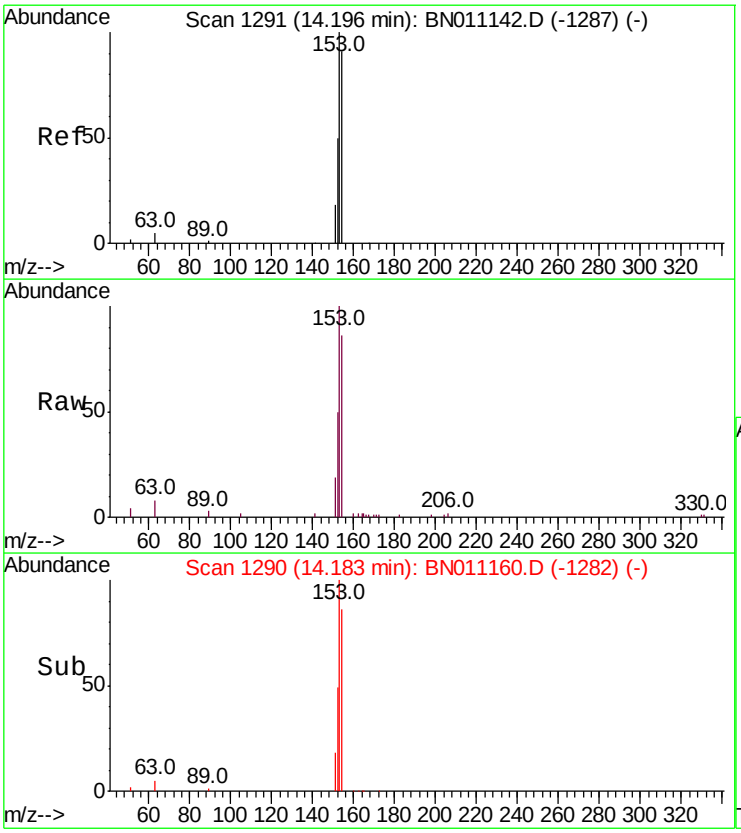
#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5850

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	15.8

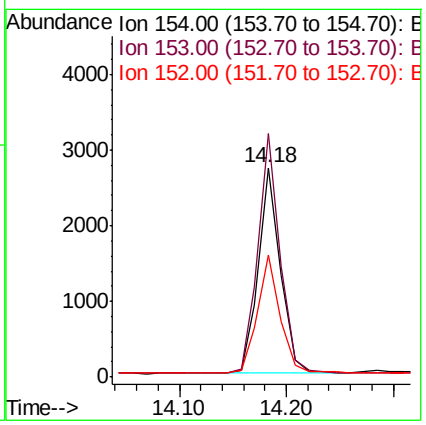


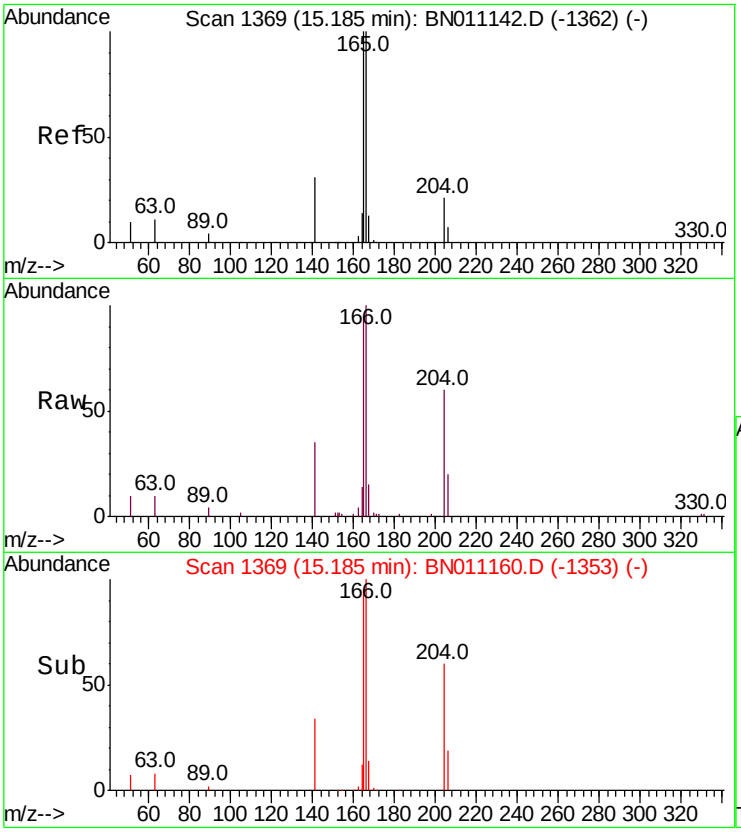


#17
Acenaphthene
Concen: 0.373 ng
RT: 14.18 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:154 Resp: 3948

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.3	136.9
152	58.4	46.6	69.8



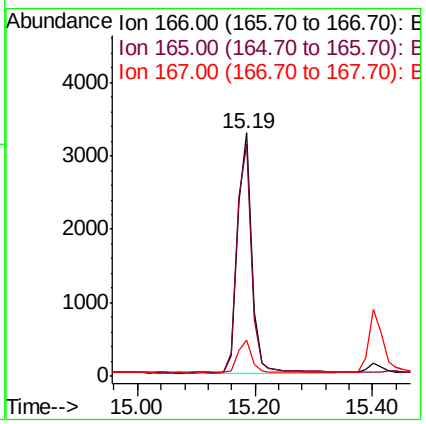


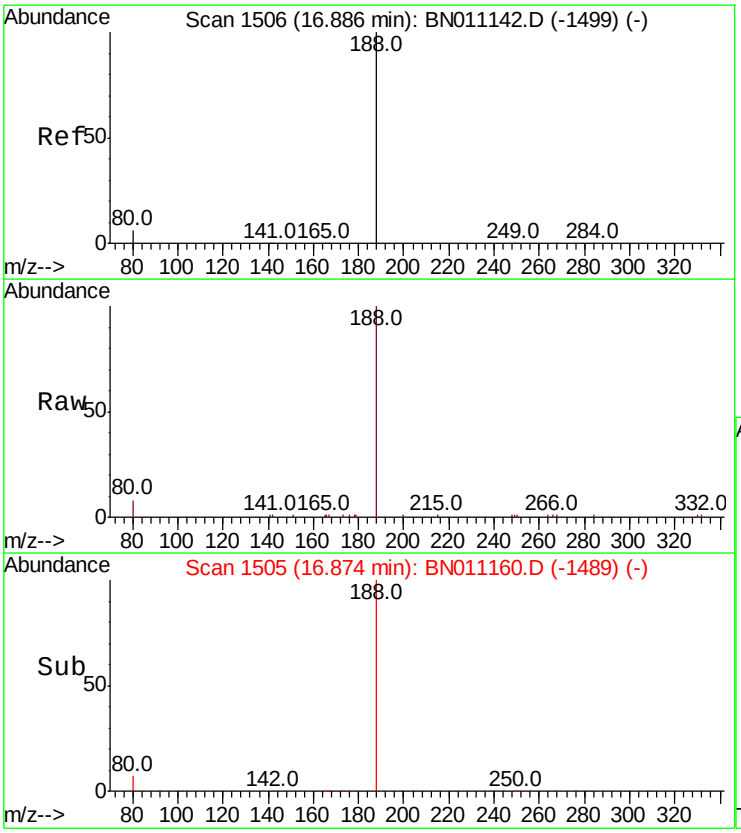
#18
Fluorene
Concen: 0.392 ng
RT: 15.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 5331

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	13.6	10.5	15.7

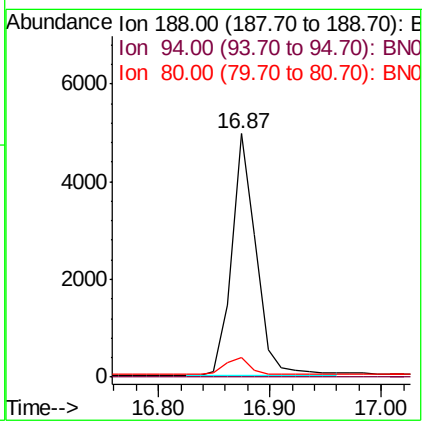


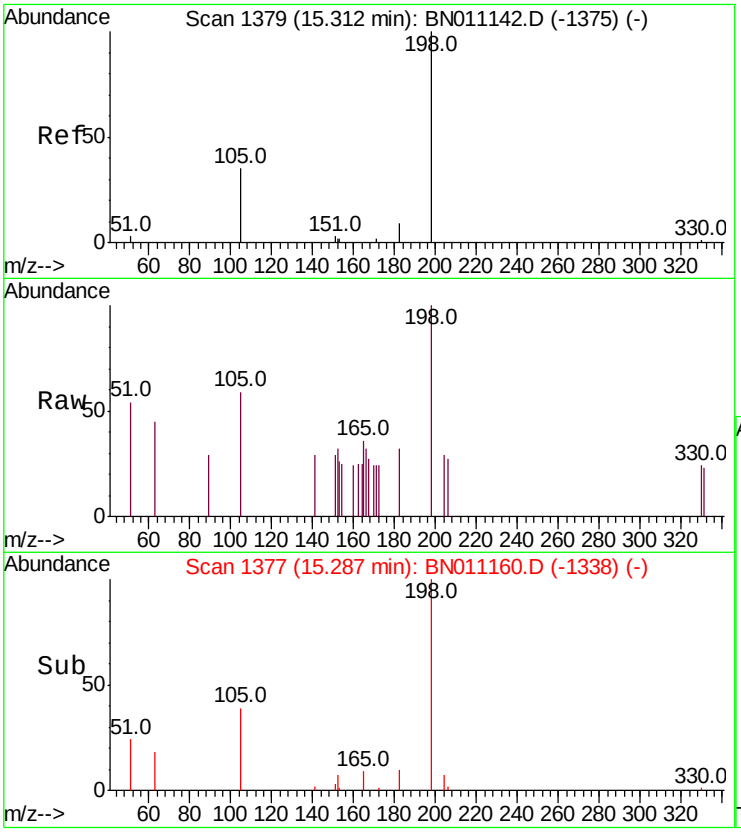


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:188 Resp: 7441

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5



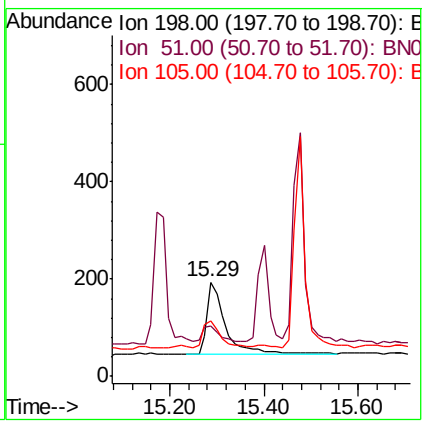


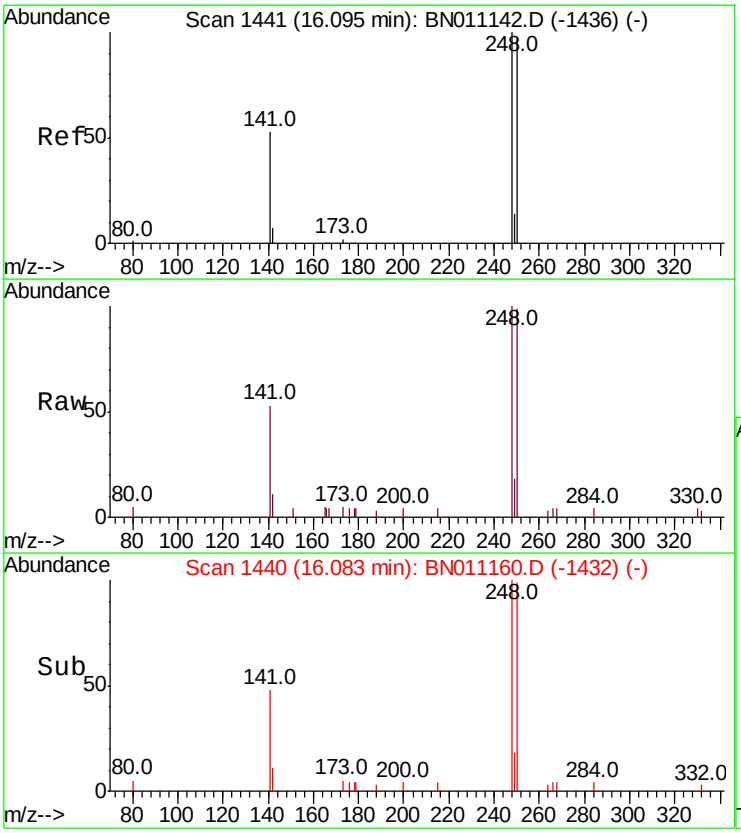
#20
4,6-Dinitro-2-methylphenol
Concen: 0.438 ng
RT: 15.29 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:198 Resp: 423

Ion	Ratio	Lower	Upper
198	100		
51	53.6	53.1	79.7
105	58.8	51.9	77.9

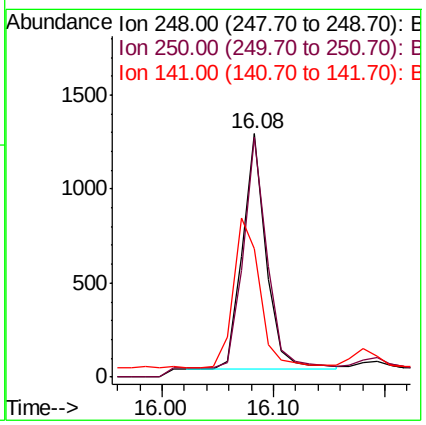


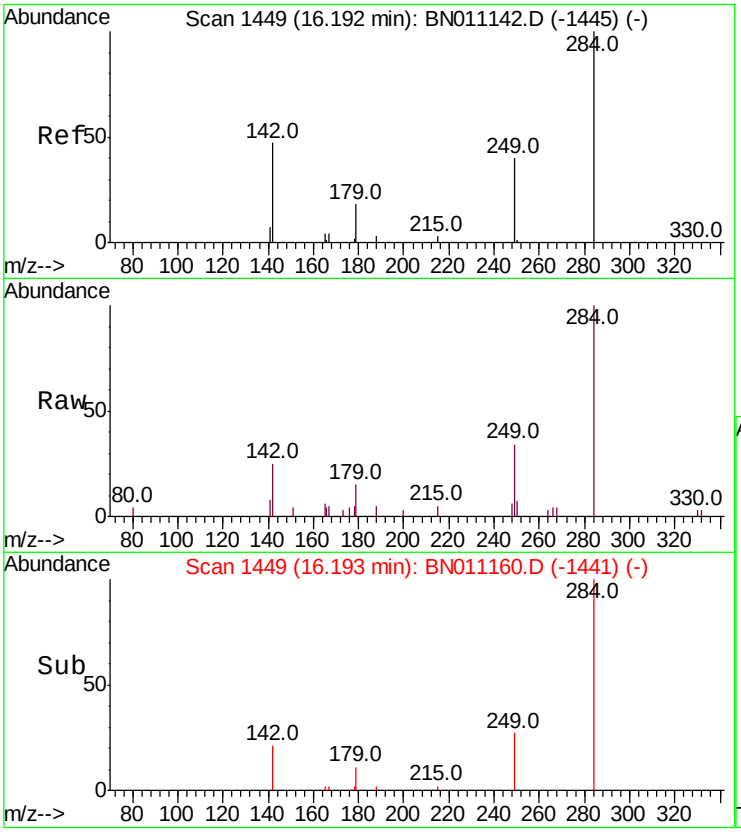


#21
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.08 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:248 Resp: 1850

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.4	117.6
141	52.5	45.1	67.7



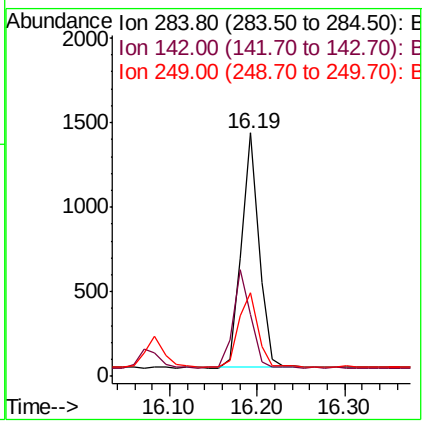


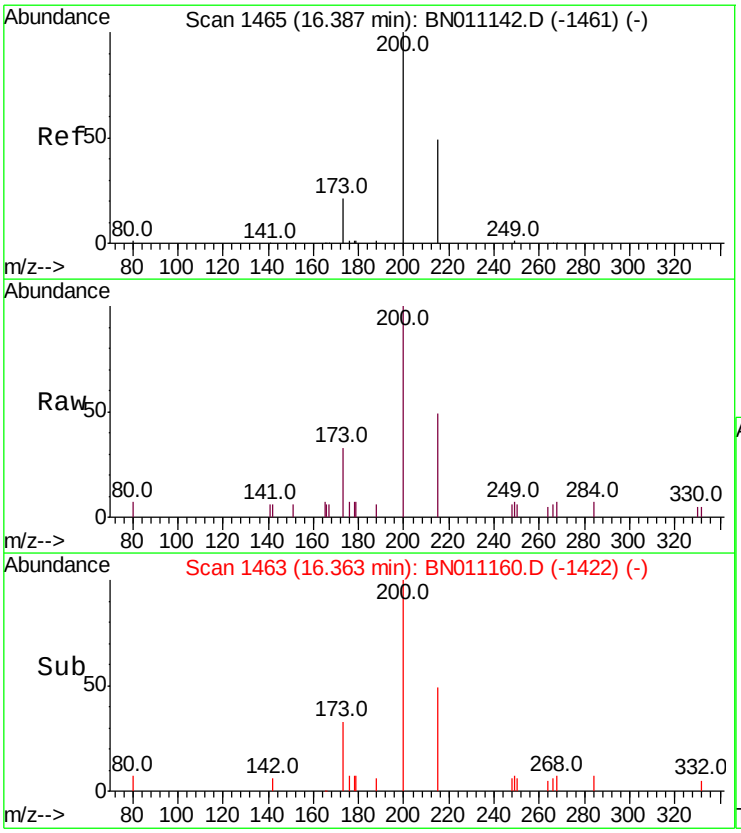
#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1950

Ion	Ratio	Lower	Upper
284	100		
142	42.5	32.6	48.8
249	34.2	28.4	42.6

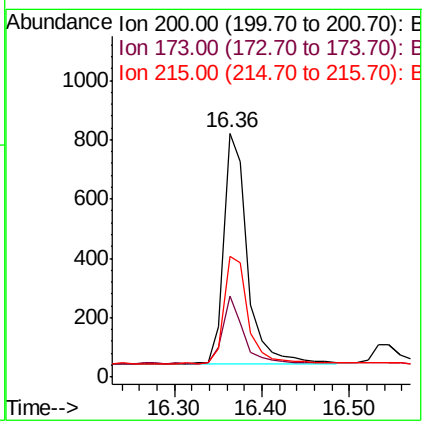


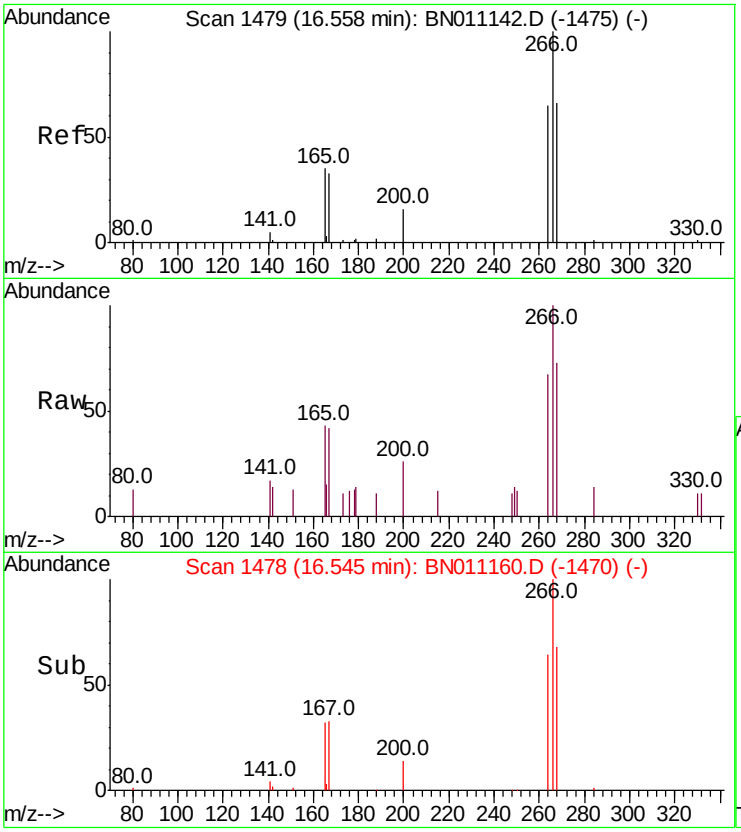


#23
Atrazine
Concen: 0.403 ng
RT: 16.36 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:200 Resp: 1430

Ion	Ratio	Lower	Upper
200	100		
173	33.5	23.0	34.4
215	49.5	42.6	63.8



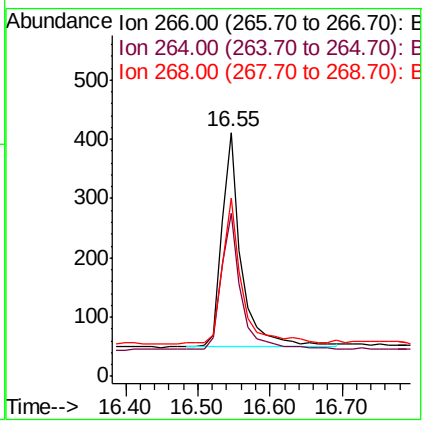


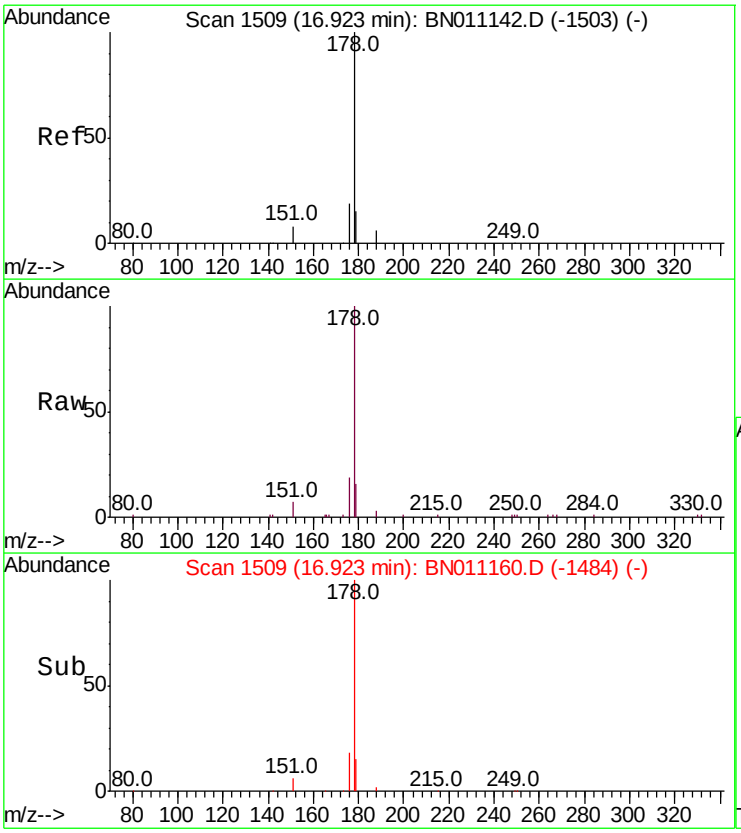
#24
Pentachlorophenol
Concen: 0.387 ng
RT: 16.55 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 676

Ion	Ratio	Lower	Upper
266	100		
264	65.1	52.5	78.7
268	71.6	48.9	73.3

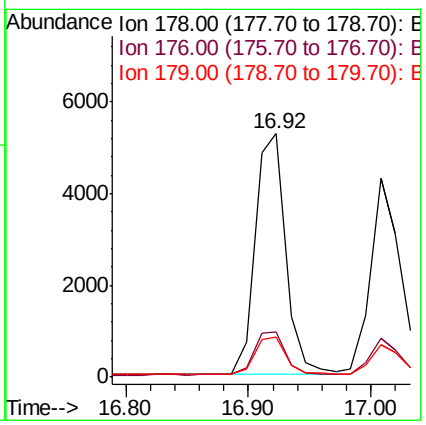


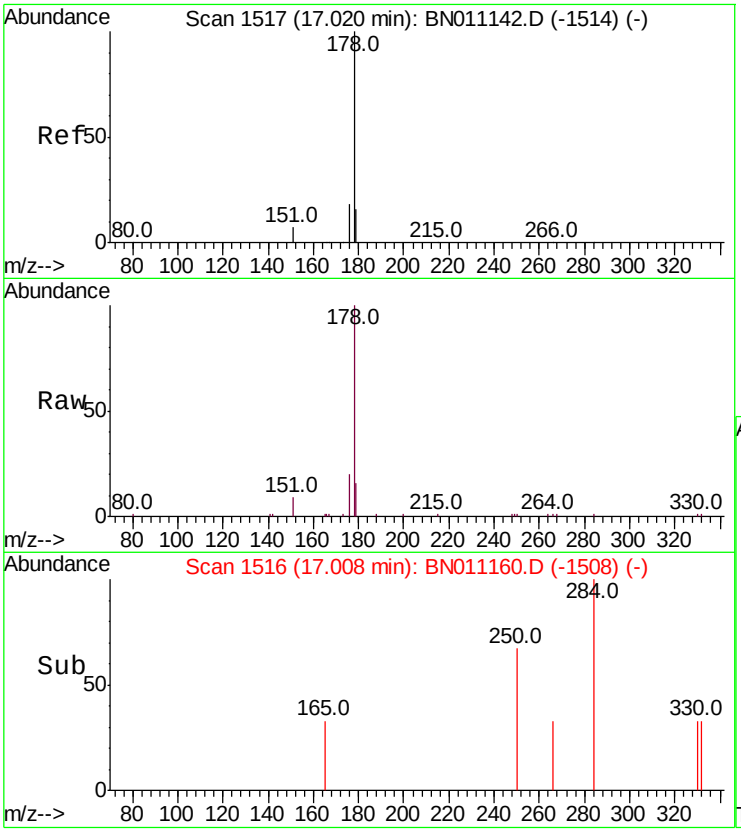


#25
Phenanthrene
Concen: 0.382 ng
RT: 16.92 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:178 Resp: 9141

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.7	12.6	18.8



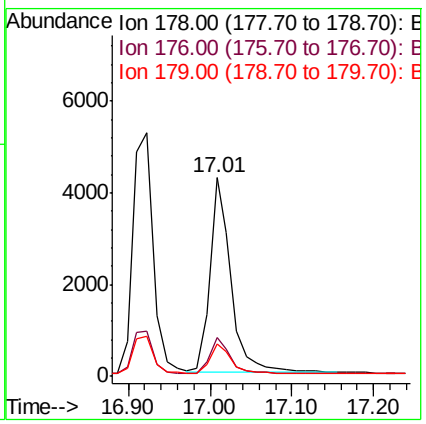


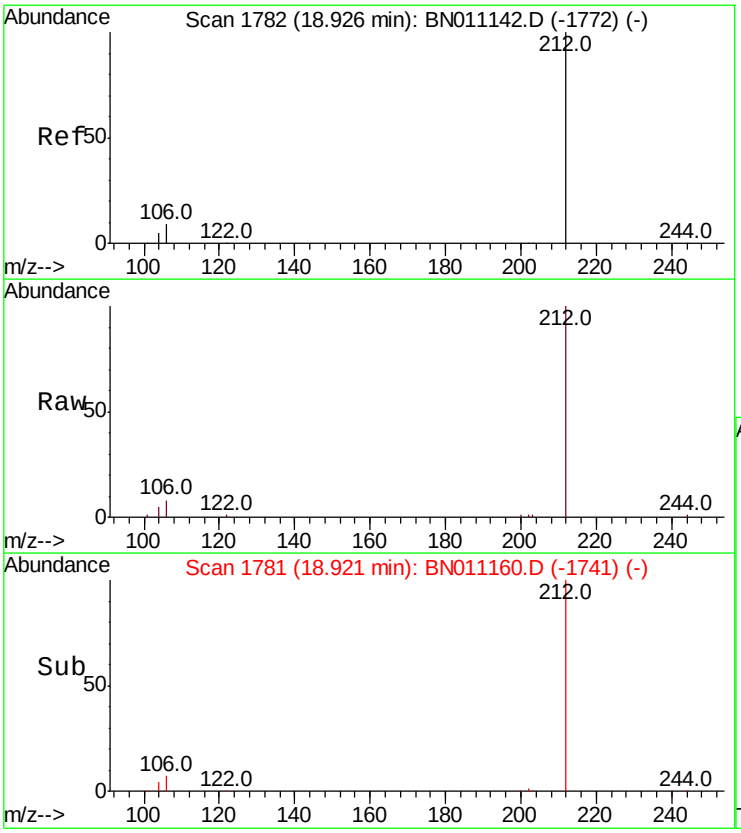
#26
Anthracene
Concen: 0.380 ng
RT: 17.01 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7550

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.1	12.0	18.0

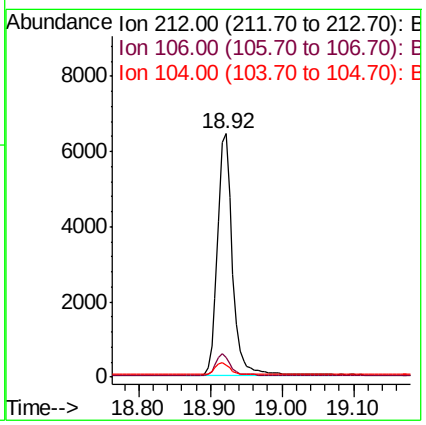


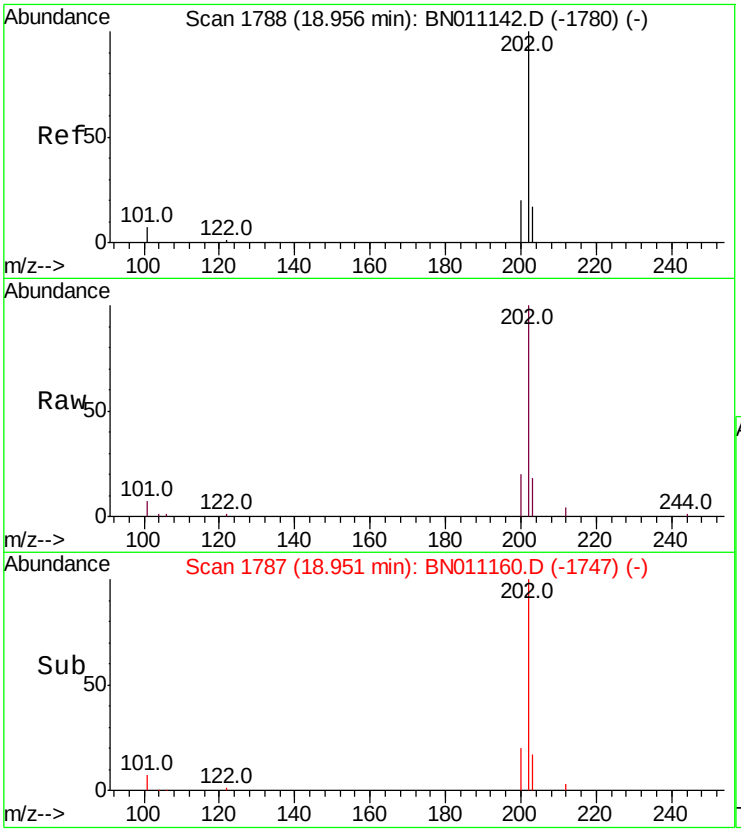


#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 18.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:212 Resp: 9267

Ion	Ratio	Lower	Upper
212	100		
106	8.5	7.0	10.6
104	4.8	4.2	6.4



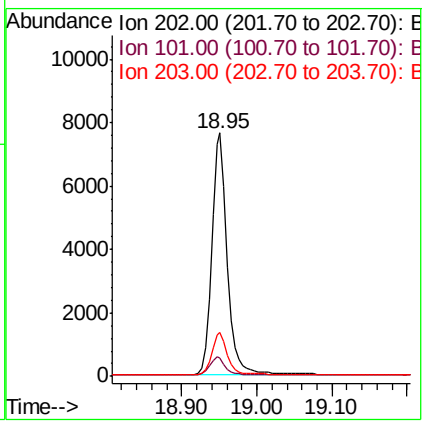


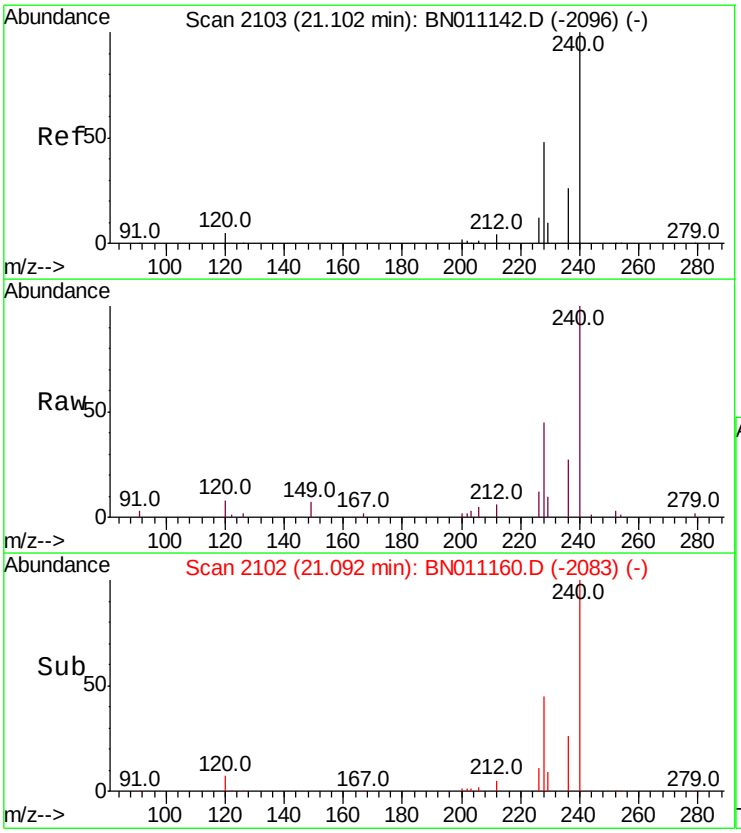
#28
Fluoranthene
Concen: 0.387 ng
RT: 18.95 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 11088

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.9	8.9
203	17.0	13.6	20.4

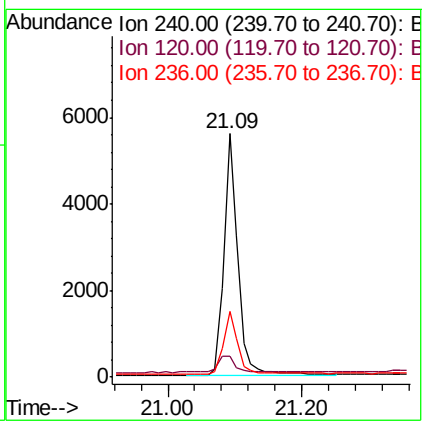


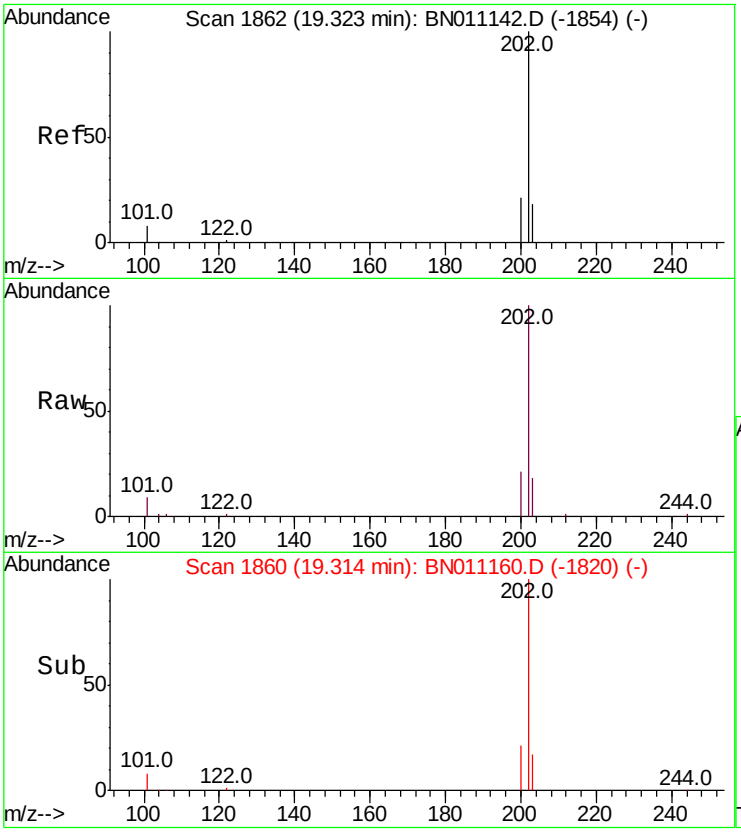


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:240 Resp: 7946

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	27.2	21.9	32.9



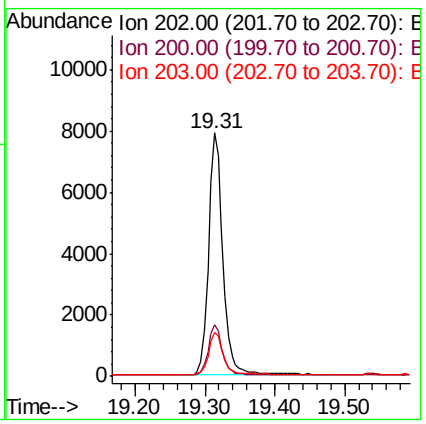


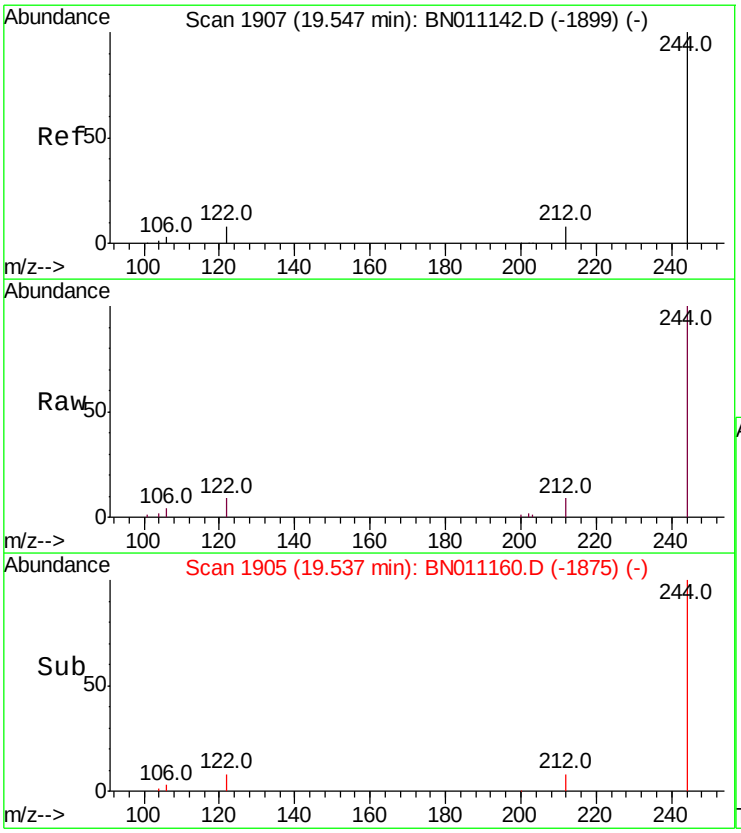
#30
Pyrene
Concen: 0.370 ng
RT: 19.31 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 11213

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.5	14.2	21.4

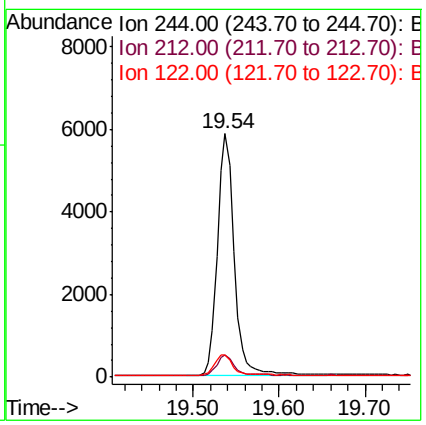


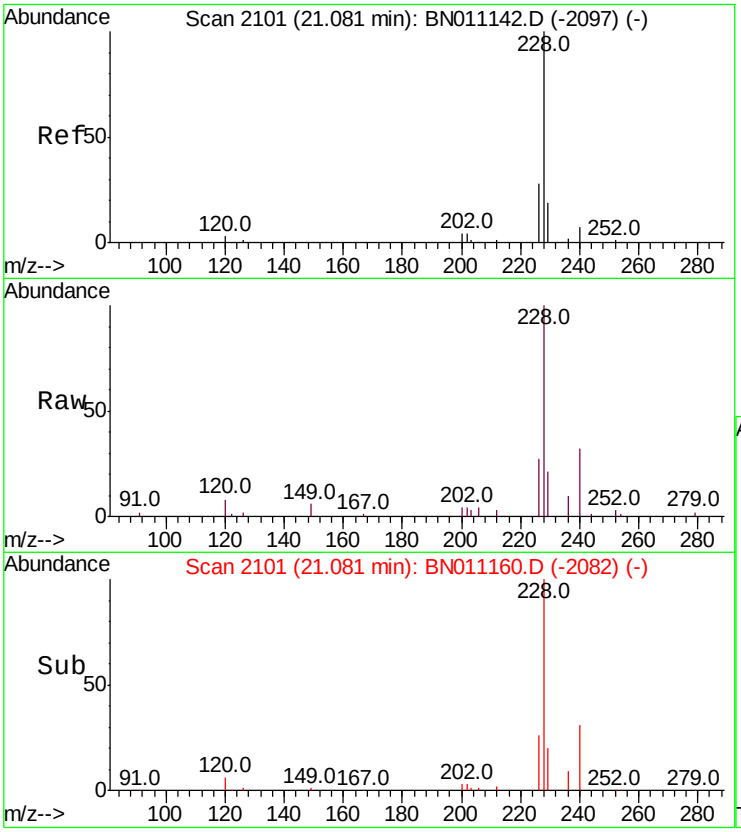


#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.54 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:244 Resp: 7991

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	9.3	7.4	11.0



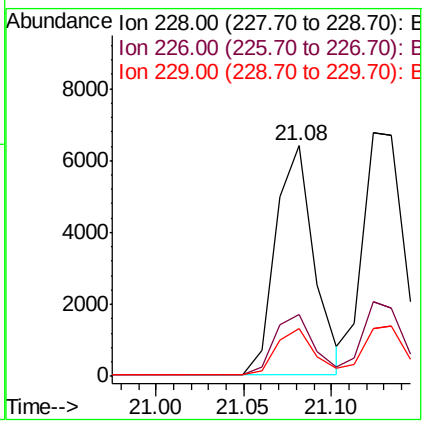


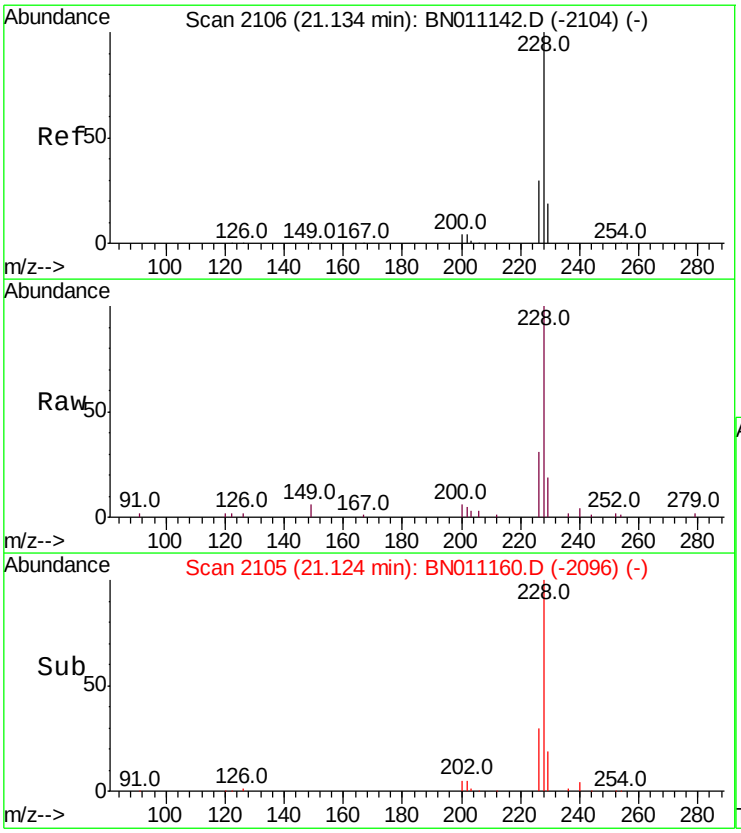
#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.08 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9735

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.2	34.8
229	20.6	16.2	24.4

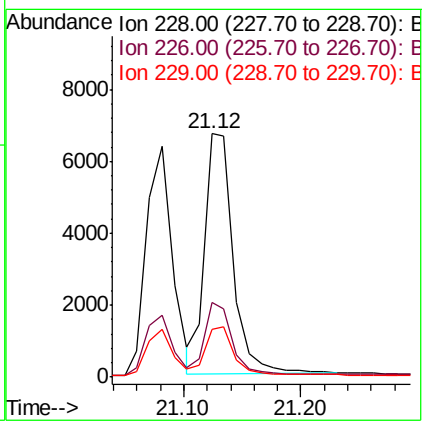


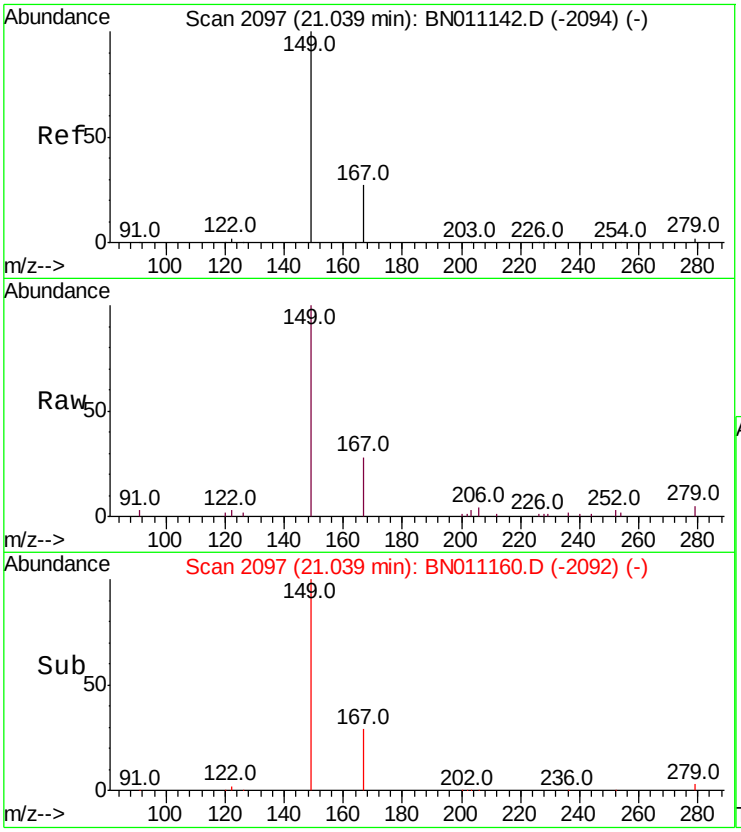


#33
Chrysene
Concen: 0.362 ng
RT: 21.12 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:228 Resp: 11386

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	19.4	16.2	24.4



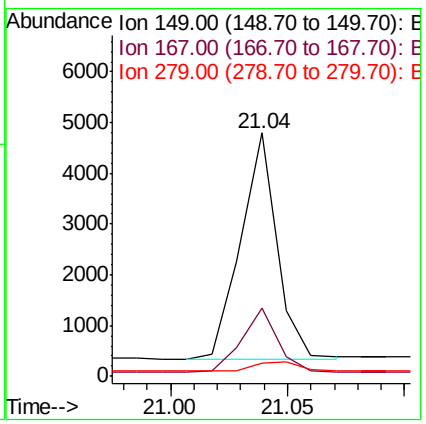


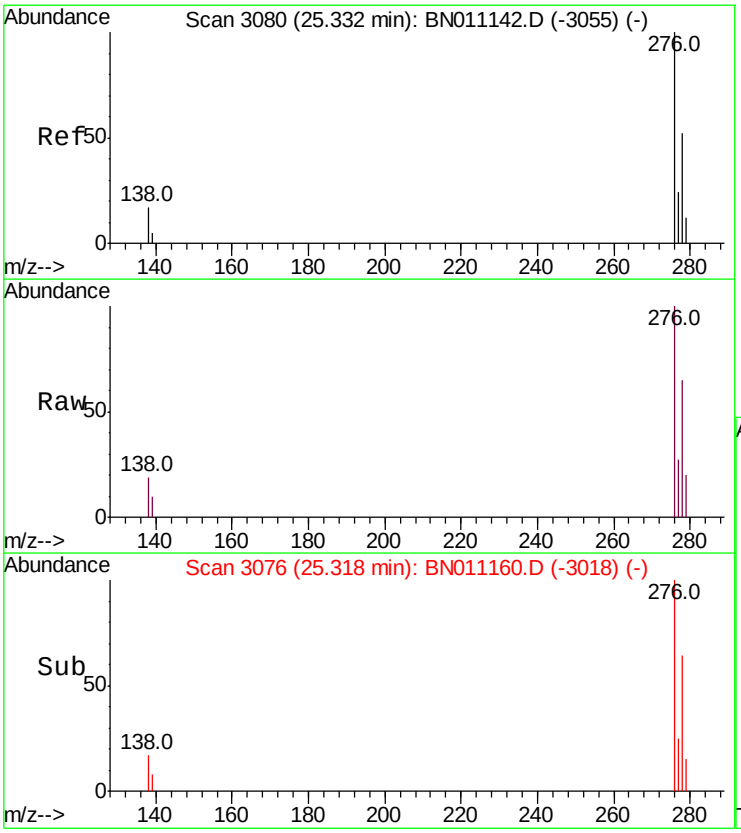
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.453 ng
RT: 21.04 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 4802

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	4.9	4.5	6.7

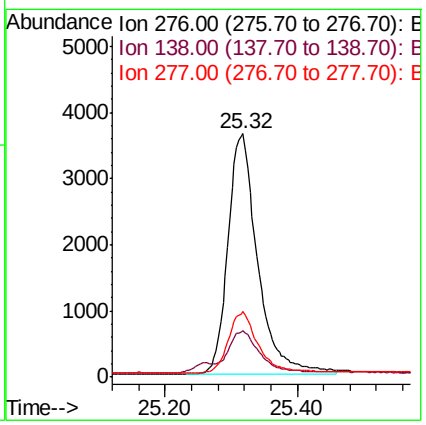


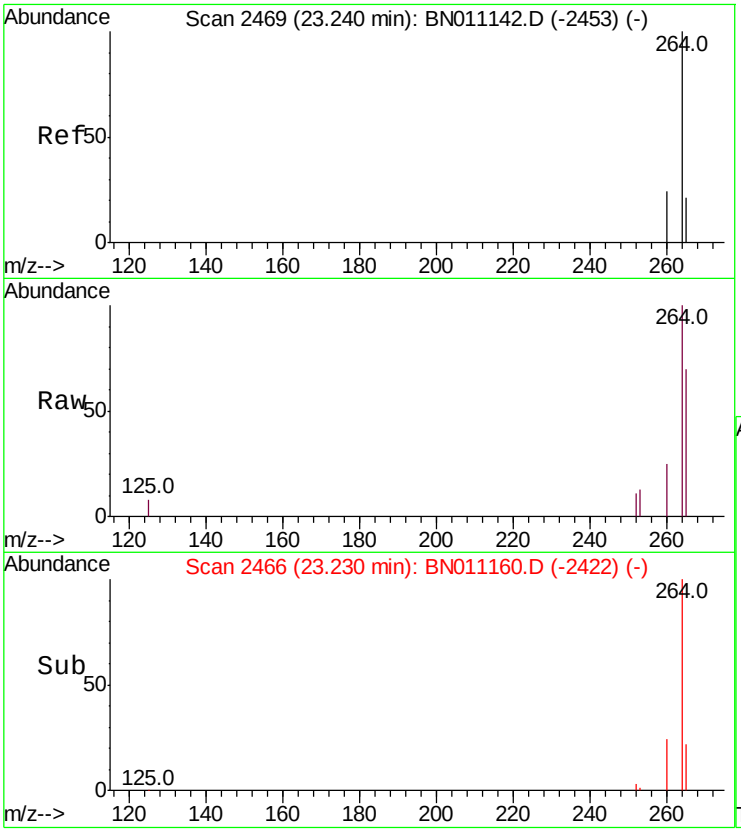


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 25.32 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:276 Resp: 11370

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.0	19.6
277	25.1	19.7	29.5



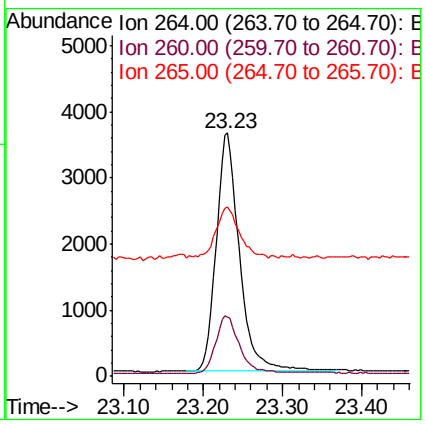


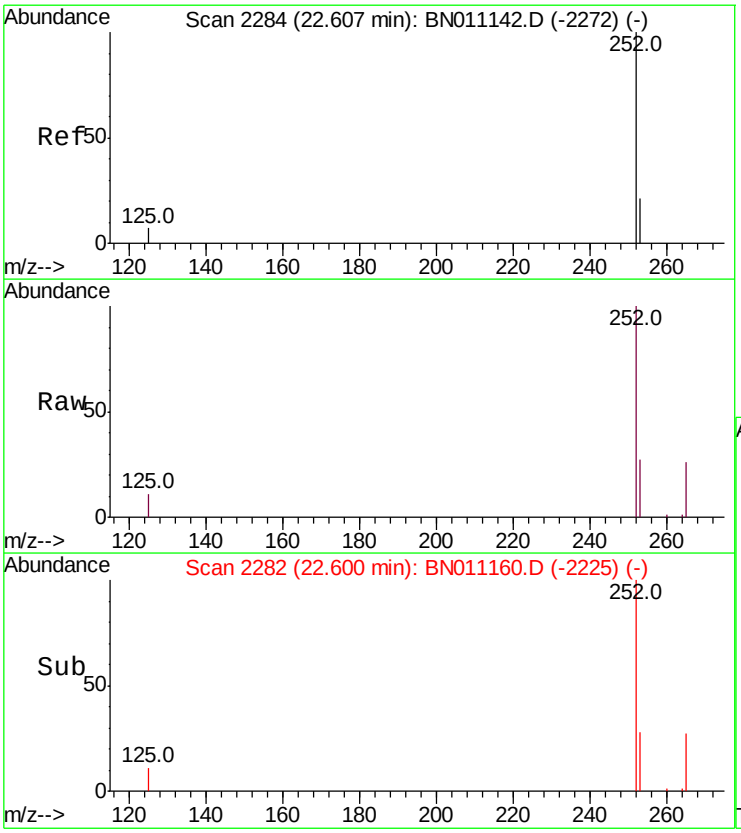
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.23 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 7359

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	69.7	76.6	115.0#

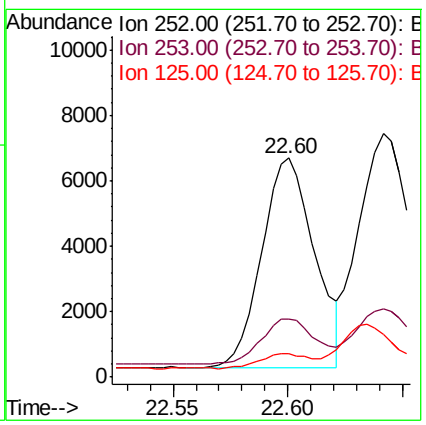


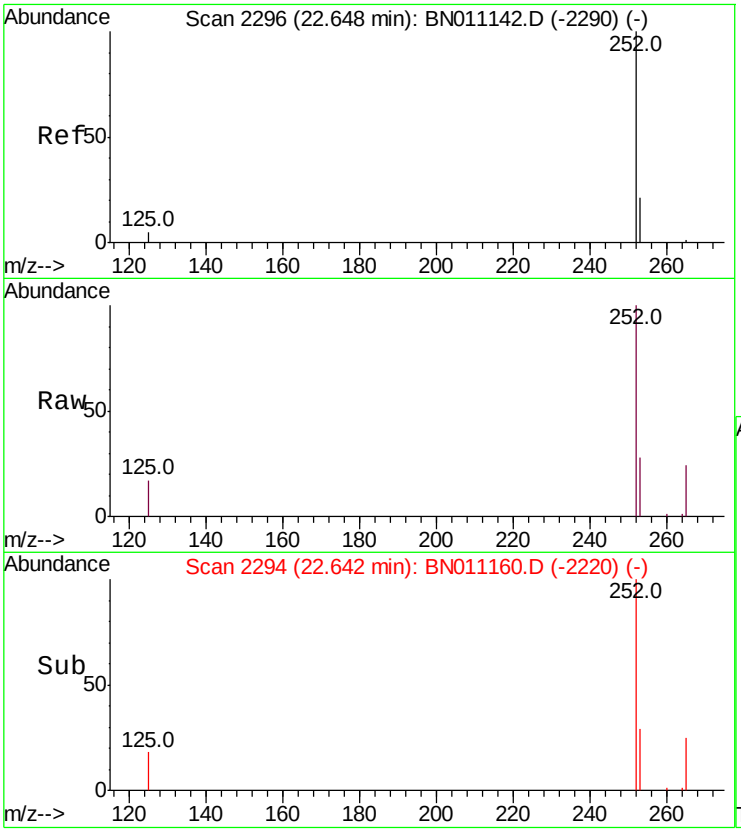


#37
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 22.60 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:252 Resp: 10275

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.6	34.0
125	10.9	9.6	14.4



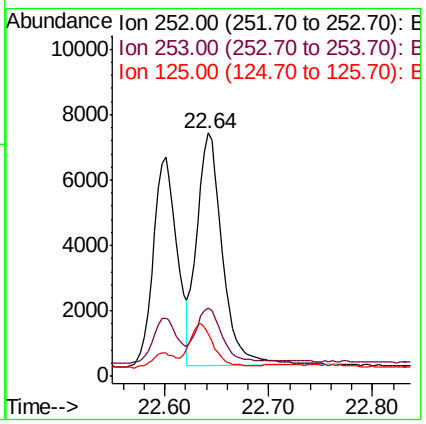


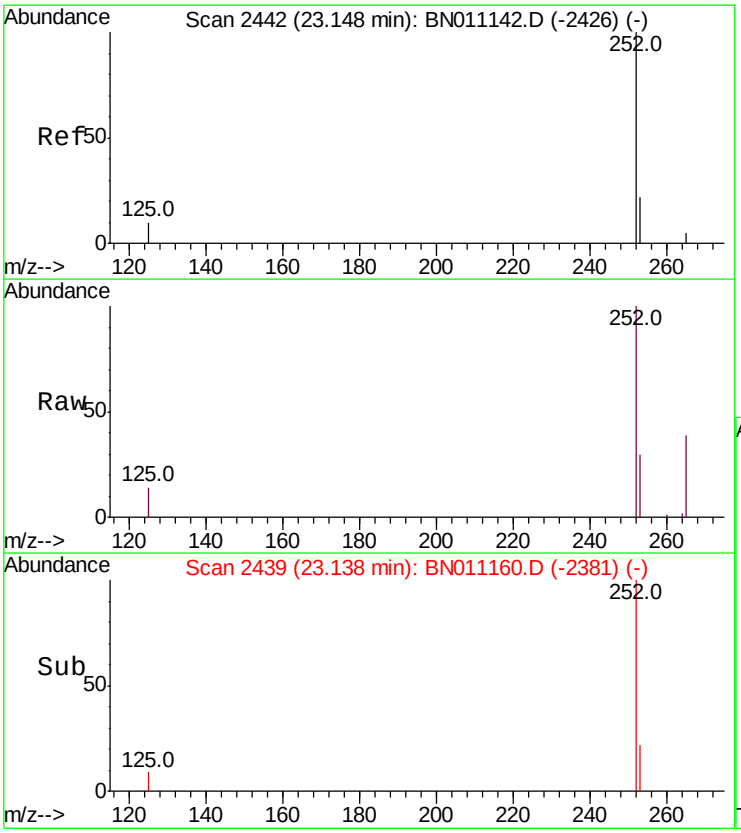
#38
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.64 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12305

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.4
125	17.4	11.0	16.4#

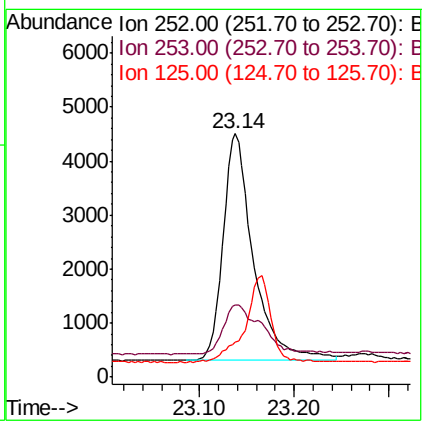


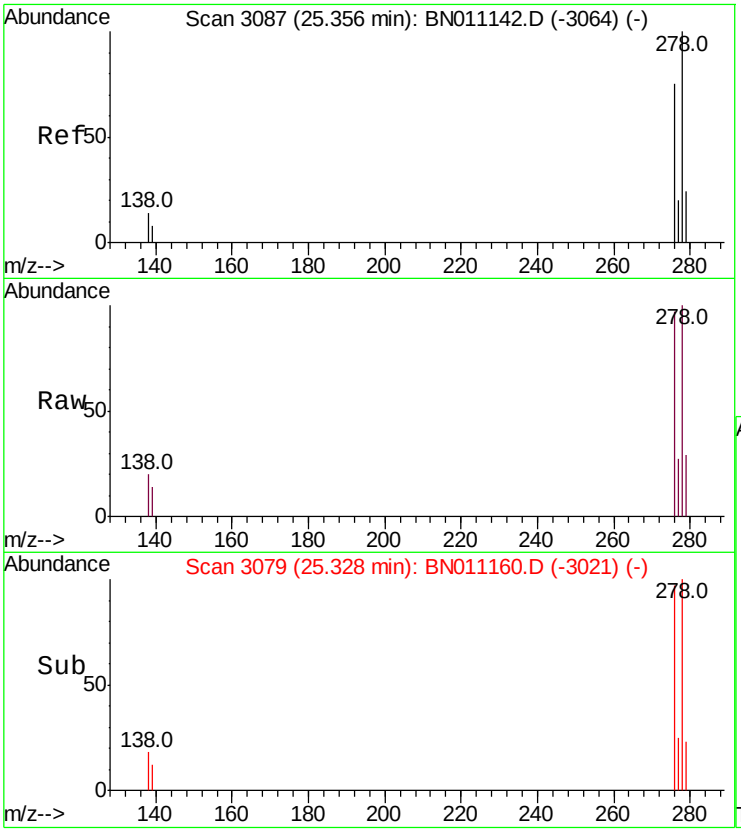


#39
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.14 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:252 Resp: 9410

Ion	Ratio	Lower	Upper
252	100		
253	29.6	25.8	38.6
125	14.4	13.4	20.0



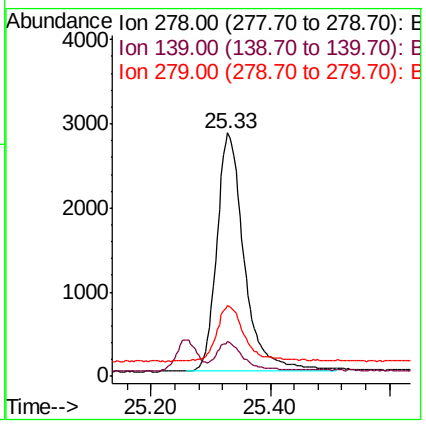


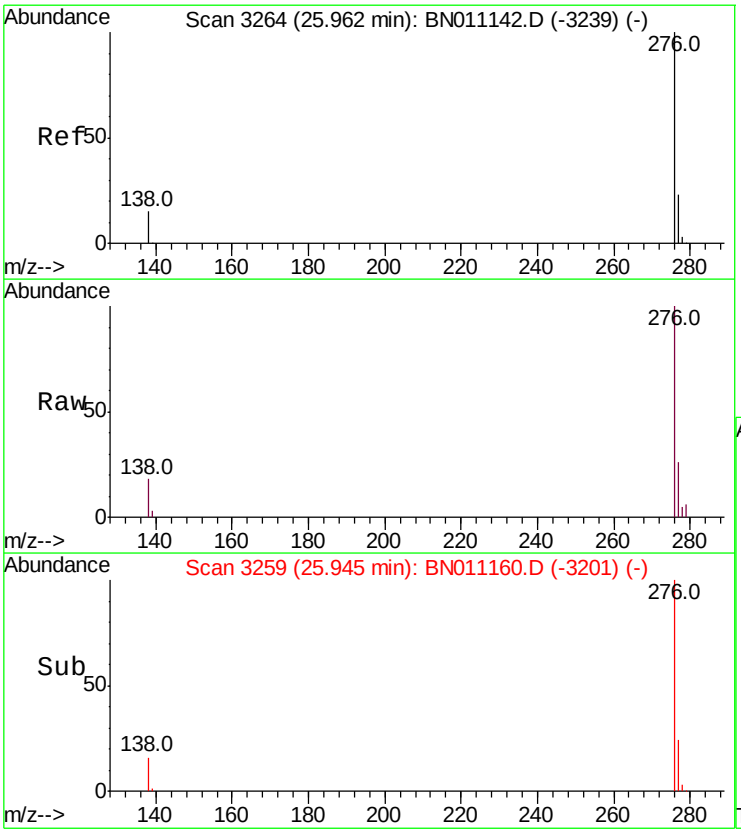
#40
Dibenzo(a,h)anthracene
Concen: 0.318 ng
RT: 25.33 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 8964

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.7	17.5
279	29.0	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.303 ng
RT: 25.94 min Scan# 3259
Delta R.T. 0.00 min
Lab File: BN011160.D
Acq: 14 Jul 2020 14:27

Tgt Ion:276 Resp: 9391

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	17.7	13.8	20.6