Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007778.D
Acq On : 21 Sep 2019 00:43
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 21 03:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5821	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	23097	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	14313	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	31813	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	35959	0.40	ng		-0.02
34) Perylene-d12	23.46	264	37982	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	6054	0.30	ng		0.00
5) Phenol-d6	6.87	99	7738	0.31	ng		0.00
8) Nitrobenzene-d5	8.83	82	6755	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	15506	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	2117	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	22404	0.38	ng		0.00
25) Fluoranthene-d10	19.09	212	40366	0.38	ng		-0.02
29) Terphenyl-d14	19.70	244	34461	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2253	0.347	ng	#	79
3) n-Nitrosodimethylamine	3.00	42	1710	0.575	ng	#	93
6) bis(2-Chloroethyl)ether	7.14	93	6065	0.368	ng		98
9) Naphthalene	10.51	128	26215	0.404	ng		99
10) Hexachlorobutadiene	10.81	225	5423	0.397	ng	#	100
12) 2-Methylnaphthalene	12.13	142	17688	0.404	ng		99
16) Acenaphthylene	14.03	152	25746	0.339	ng		100
17) Acenaphthene	14.38	154	17655	0.361	ng		98
18) Fluorene	15.36	166	22740	0.363	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	7681	0.398	ng		100
21) Hexachlorobenzene	16.38	284	8760	0.415	ng		98
22) Pentachlorophenol	16.72	266	2217	0.285	ng		100
23) Phenanthrene	17.10	178	39730	0.401	ng		100
24) Anthracene	17.19	178	33233	0.371	ng		99
26) Fluoranthene	19.12	202	47485	0.385	ng		100
28) Pyrene	19.49	202	47766	0.389	ng		100
30) Benzo(a)anthracene	21.24	228	47181	0.356	ng		98
31) Chrysene	21.29	228	51801	0.401	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	18344	0.269	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	60125	0.372	ng		98
35) Benzo(b)fluoranthene	22.80	252	49726	0.377	ng		99
36) Benzo(k)fluoranthene	22.85	252	55047	0.422	ng		99
37) Benzo(a)pyrene	23.37	252	46290	0.374	ng		100
38) Dibenzo(a,h)anthracene	25.69	278	48278	0.381	ng		100
39) Benzo(g,h,i)perylene	26.34	276	46387	0.370	ng		99

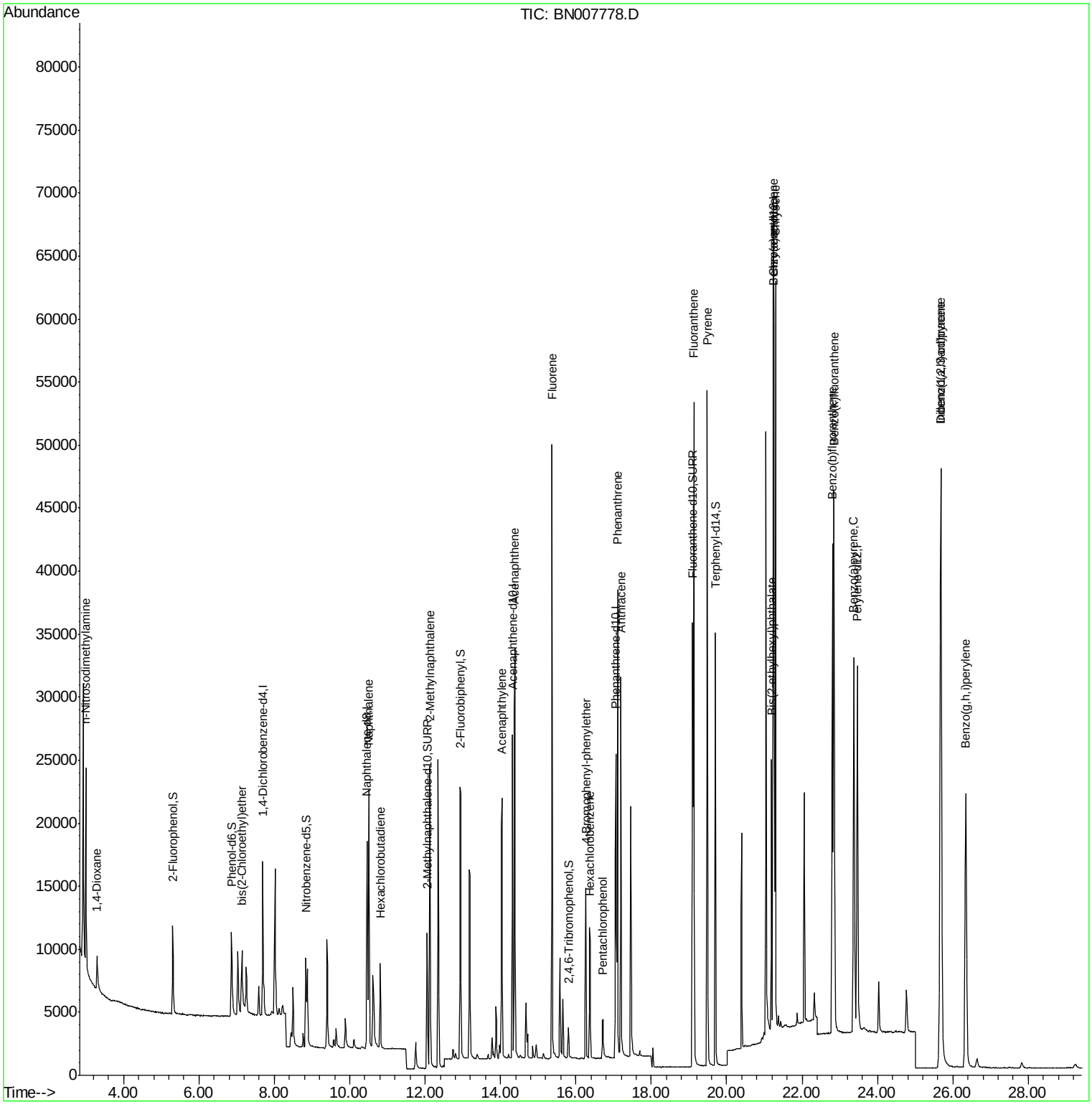
(#) = qualifier out of range (m) = manual integration (+) = signals summed

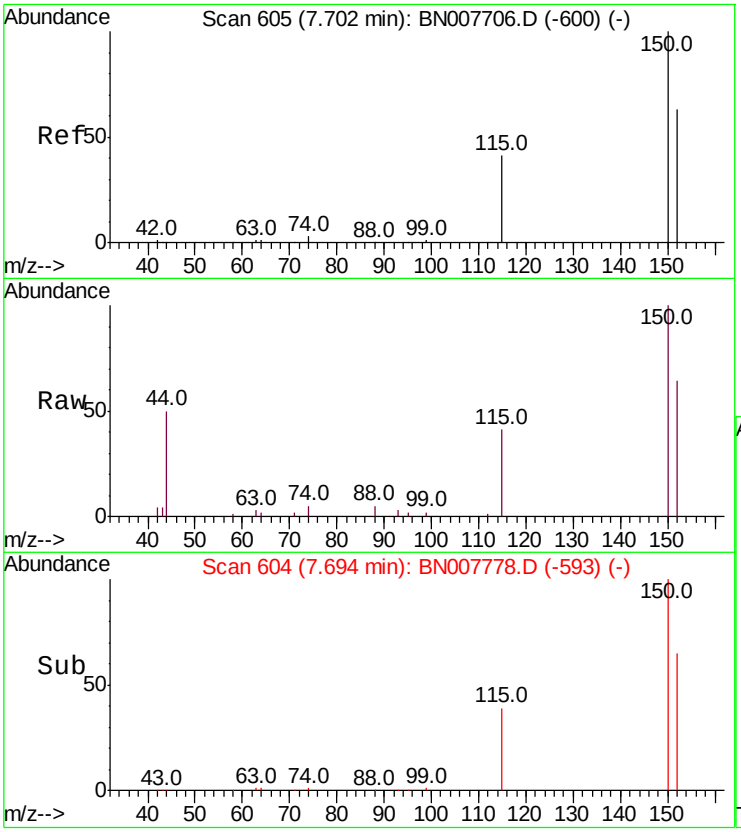
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007778.D
Acq On : 21 Sep 2019 00:43
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 21 03:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



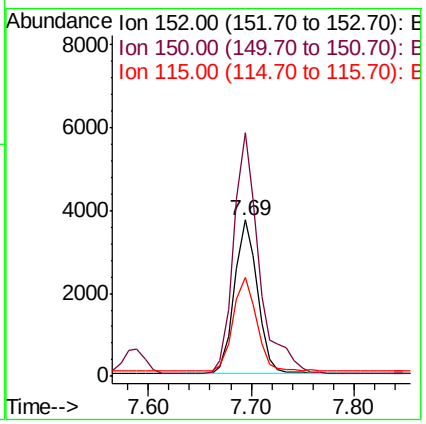


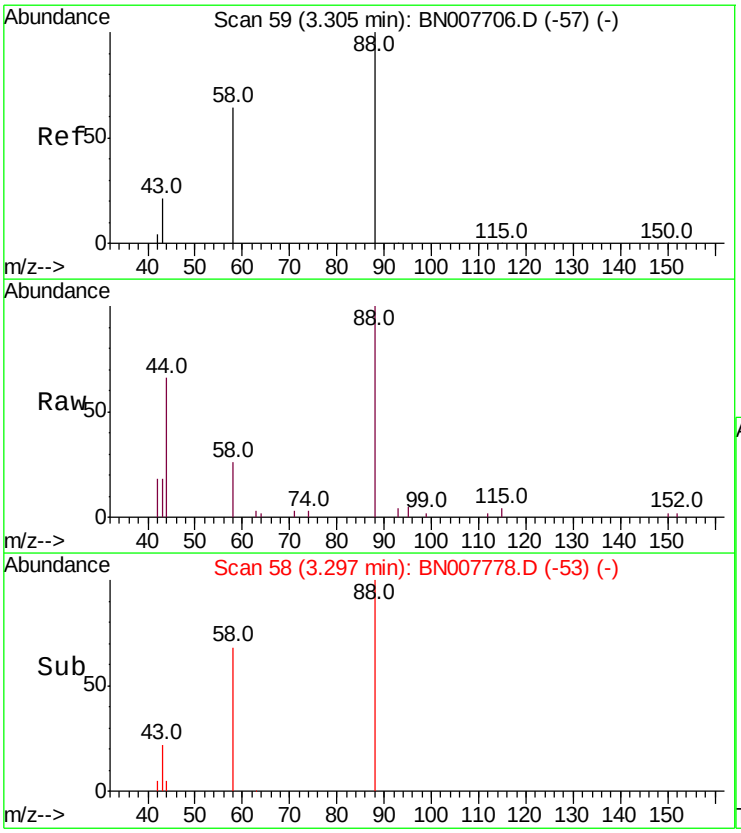
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5821

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	63.0	53.3	79.9

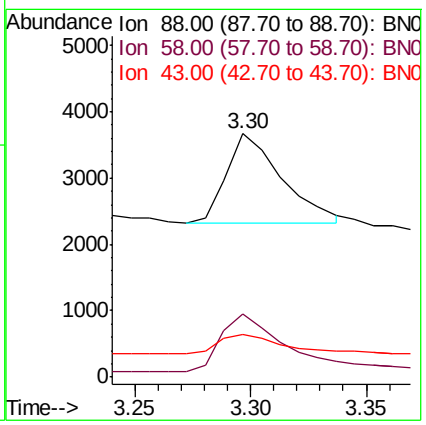


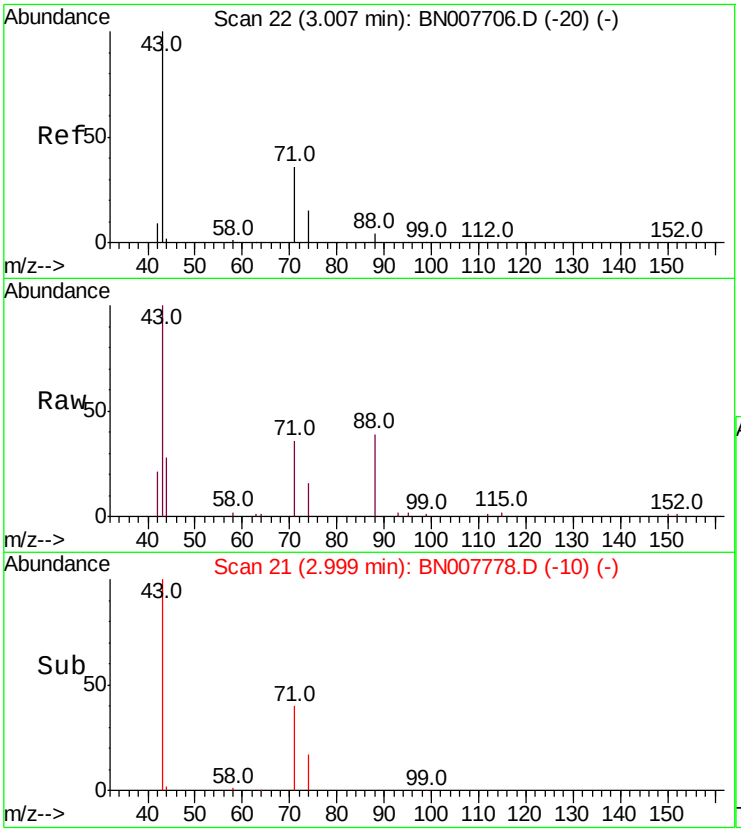


#2
1,4-Dioxane
Concen: 0.347 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion: 88 Resp: 2253

Ion	Ratio	Lower	Upper
88	100		
58	71.9	44.6	66.8#
43	25.1	14.4	21.6#



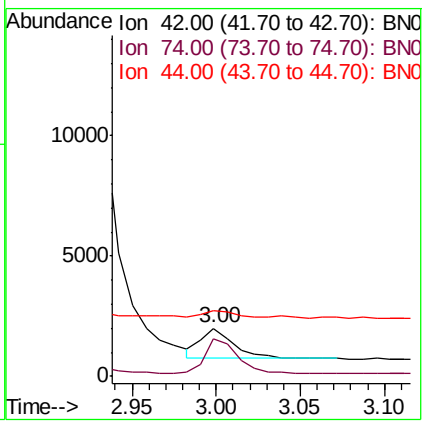


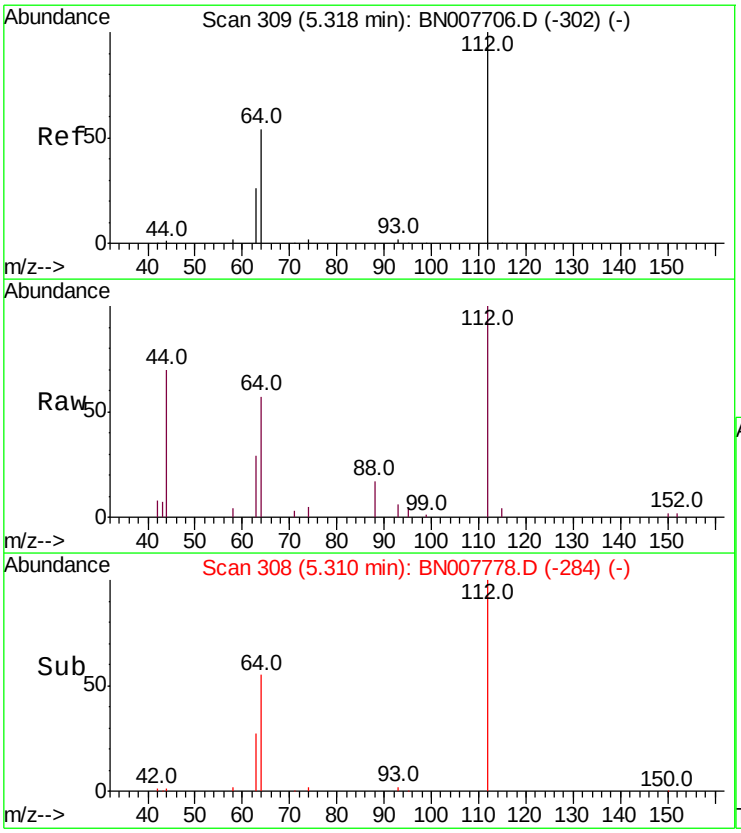
#3
n-Nitrosodimethylamine
Concen: 0.575 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1710

Ion	Ratio	Lower	Upper
42	100		
74	111.2	87.9	131.9
44	22.4	29.4	44.0#

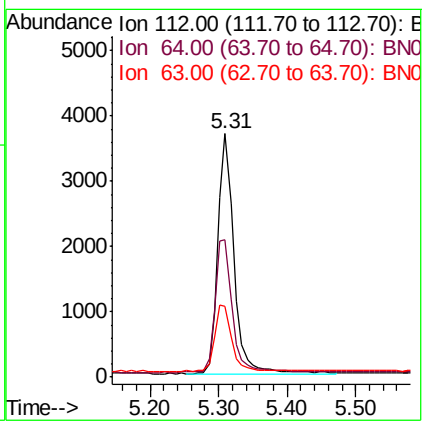


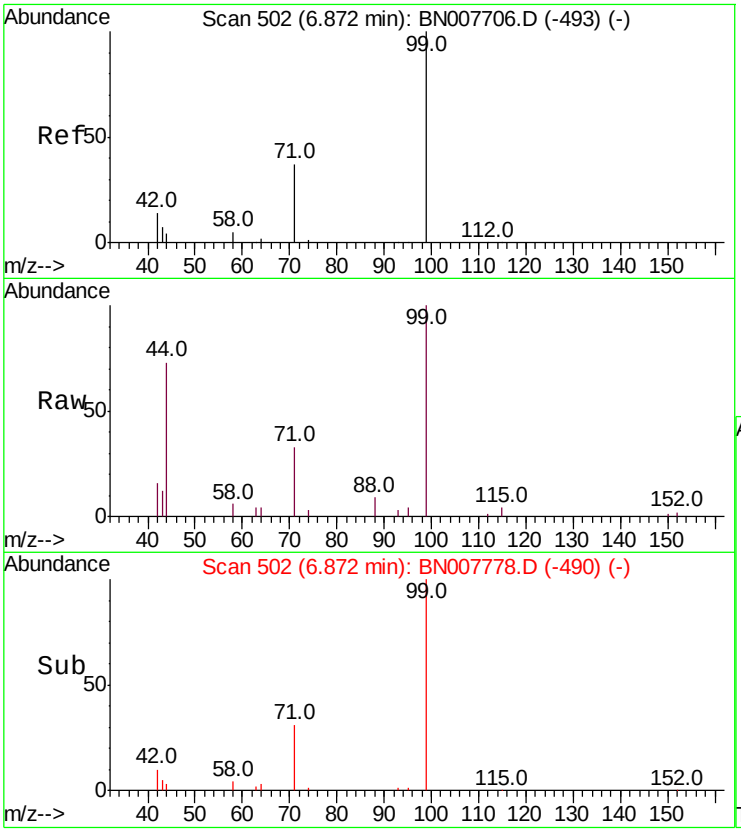


#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:112 Resp: 6054

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	29.7	23.1	34.7



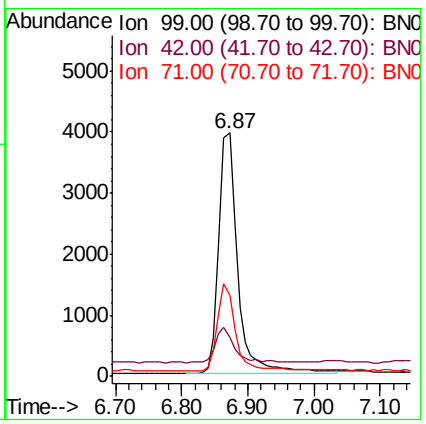


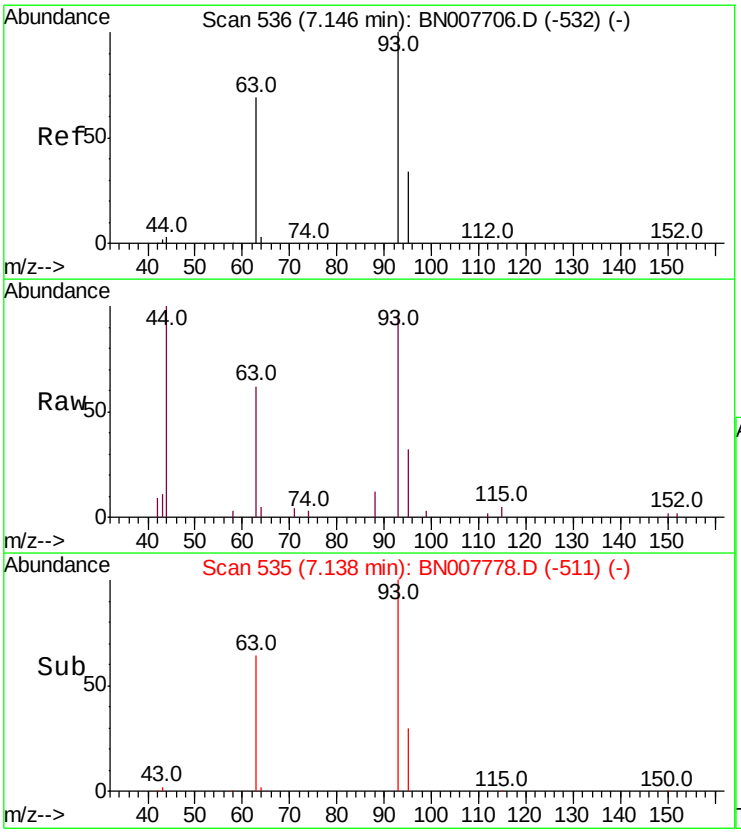
#5
Phenol-d6
Concen: 0.308 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7738

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	34.9	27.6	41.4

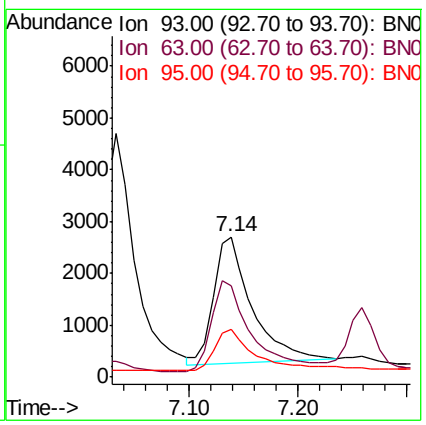


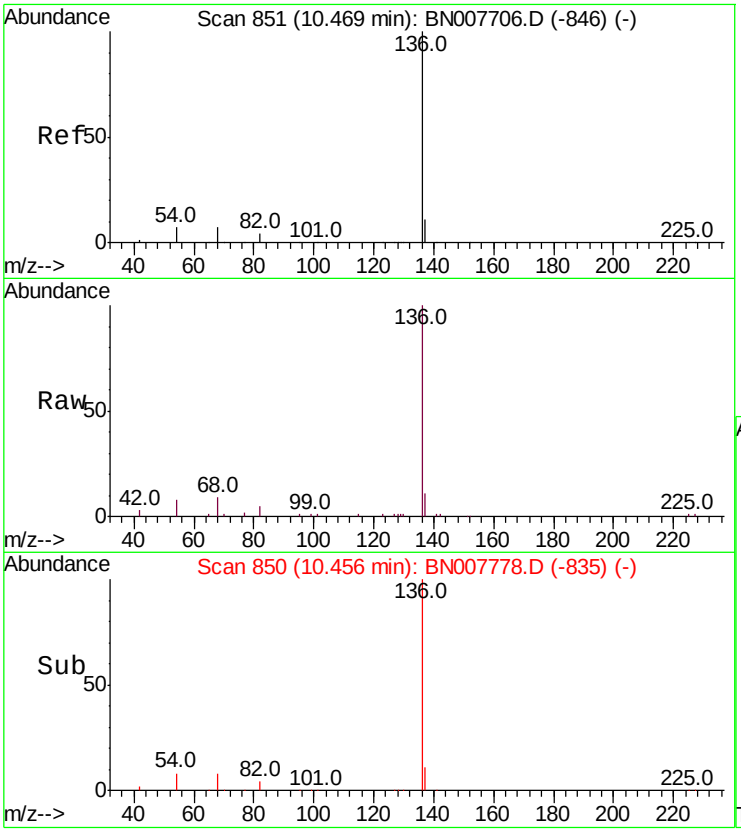


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion: 93 Resp: 6065

Ion	Ratio	Lower	Upper
93	100		
63	72.7	59.3	88.9
95	38.4	31.4	47.0



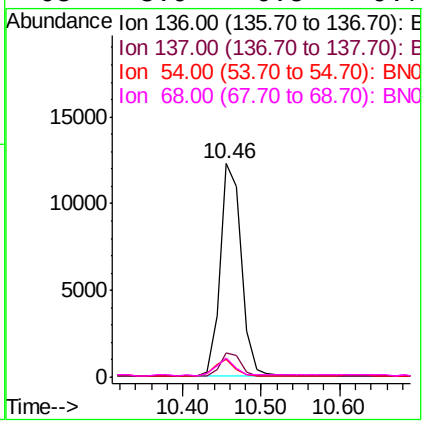


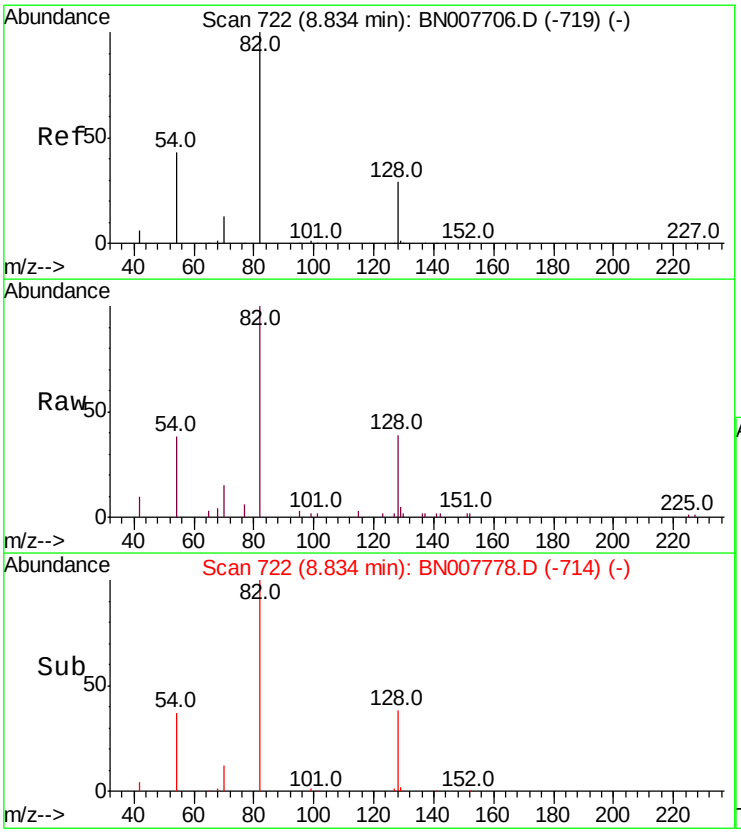
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 23097

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.4	5.8	8.8
68	8.9	6.5	9.7

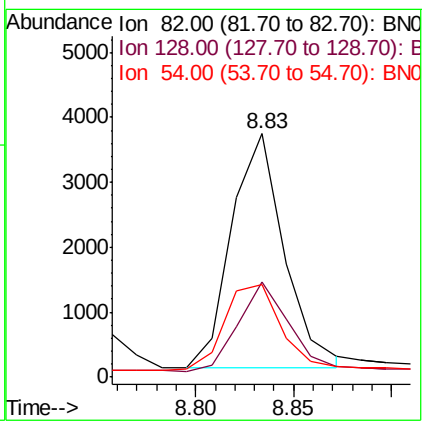


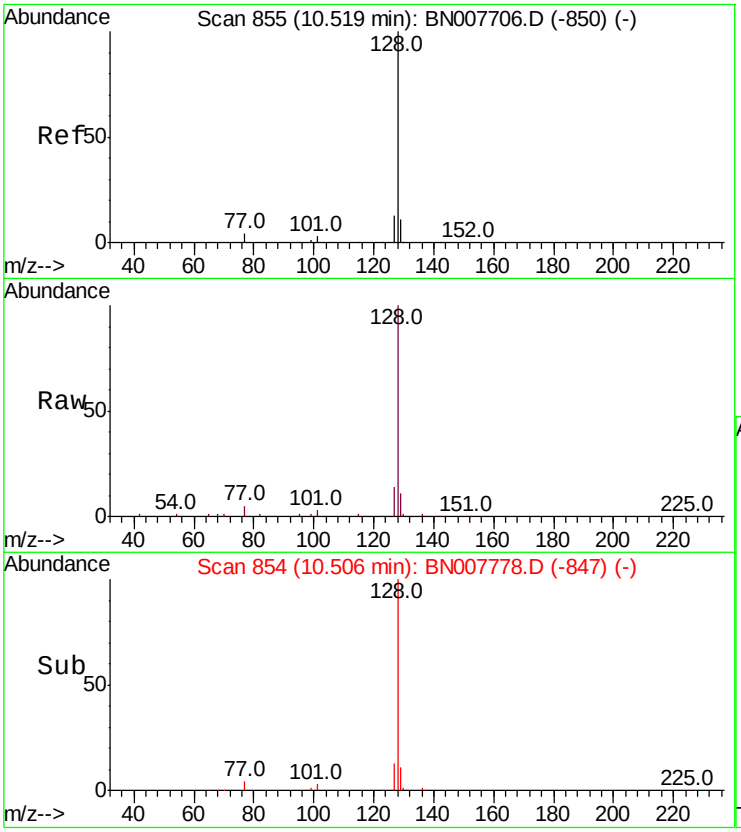


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion: 82 Resp: 6755

Ion	Ratio	Lower	Upper
82	100		
128	39.1	24.5	36.7#
54	37.9	35.2	52.8



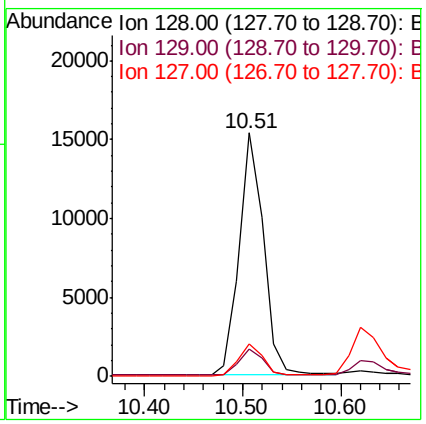


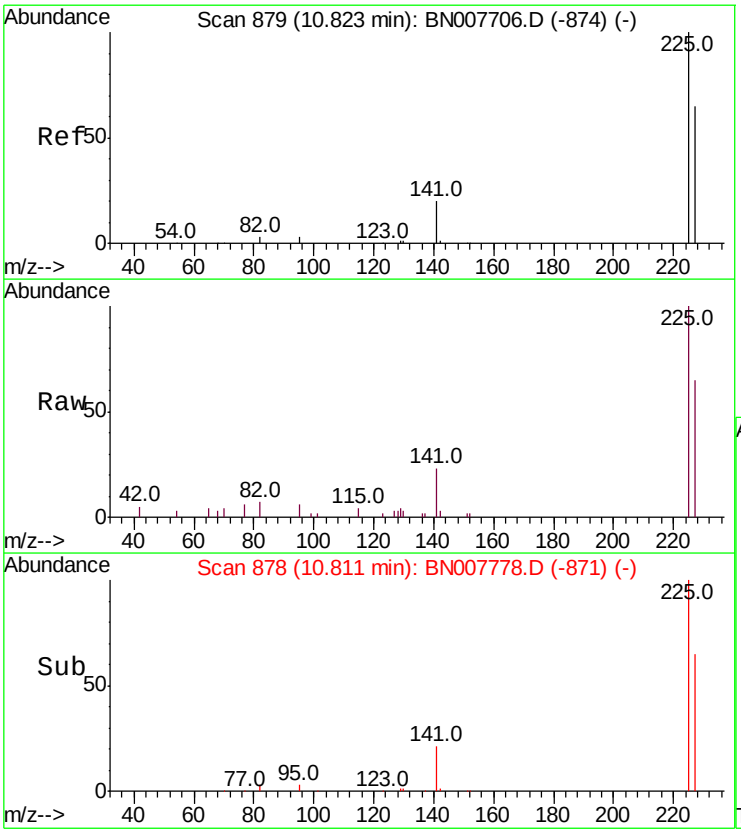
#9
Naphthalene
Concen: 0.404 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 26215

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.5	10.6	15.8

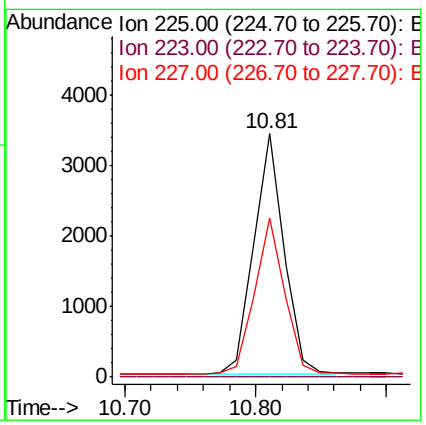


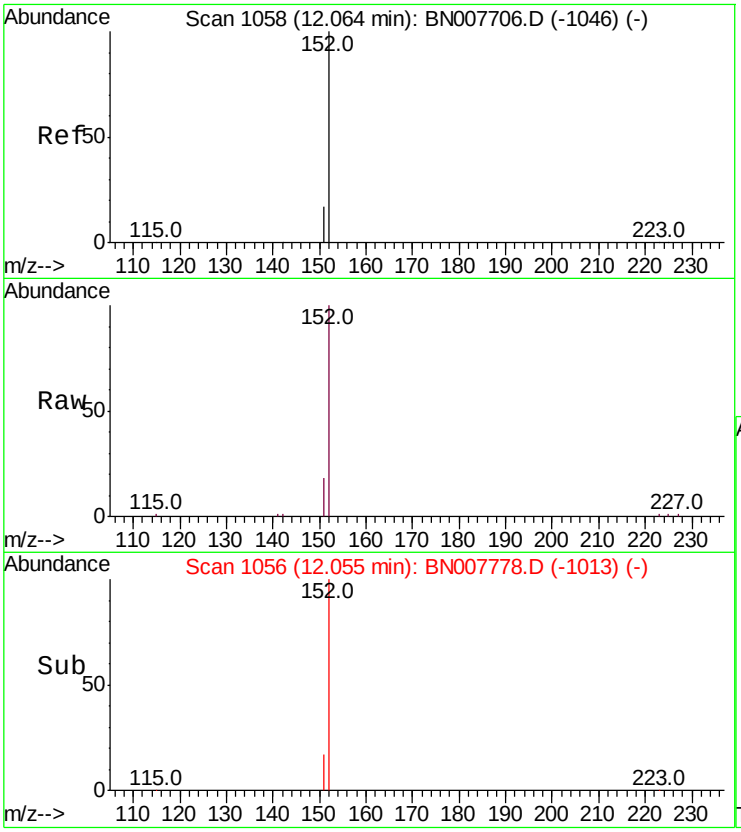


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:225 Resp: 5423

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



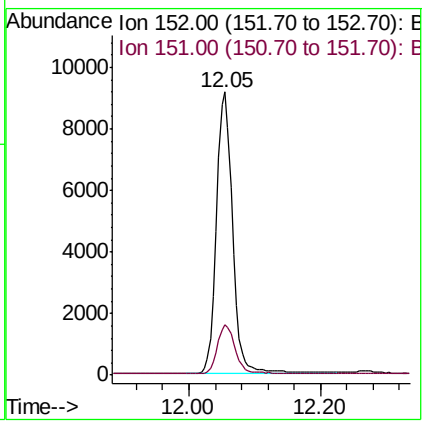


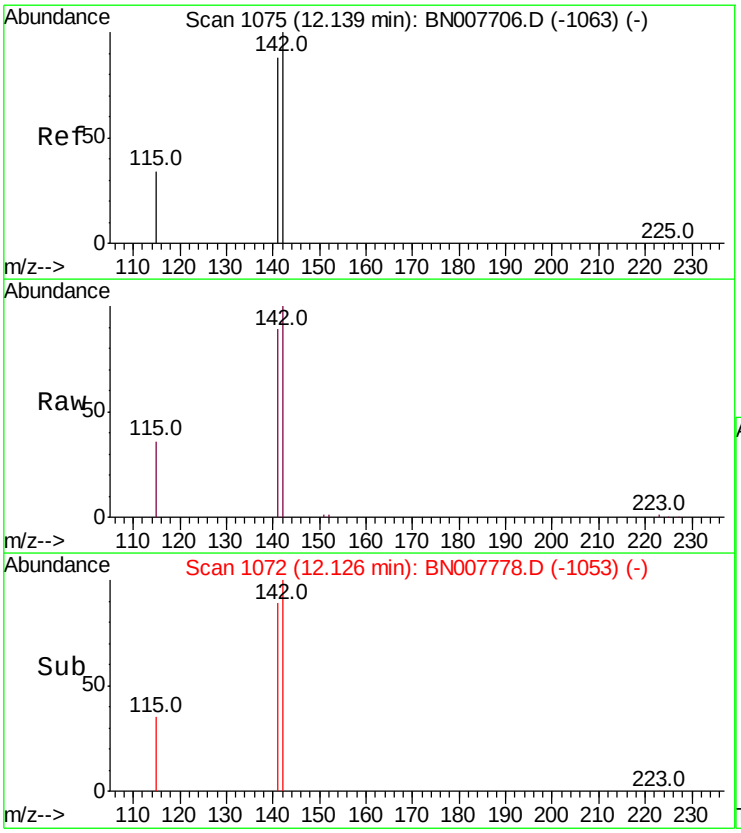
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 15506

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

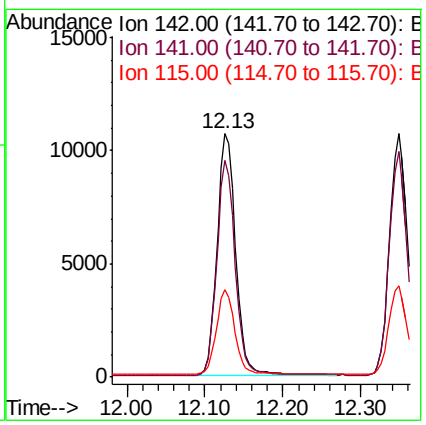


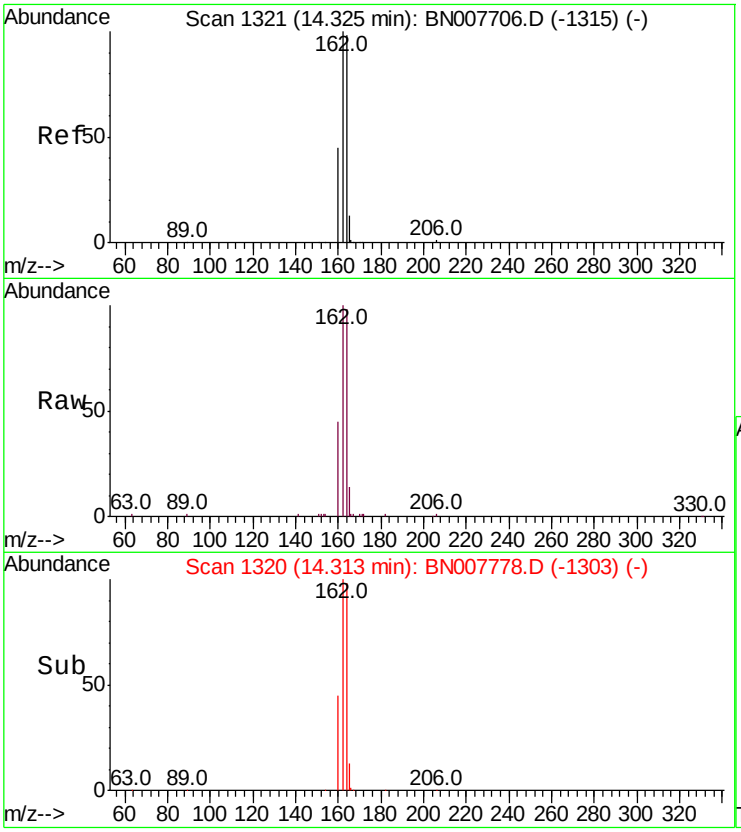


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:142 Resp: 17688

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	106.0
115	36.2	28.3	42.5



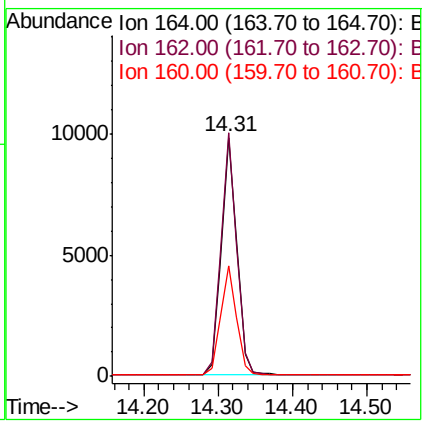


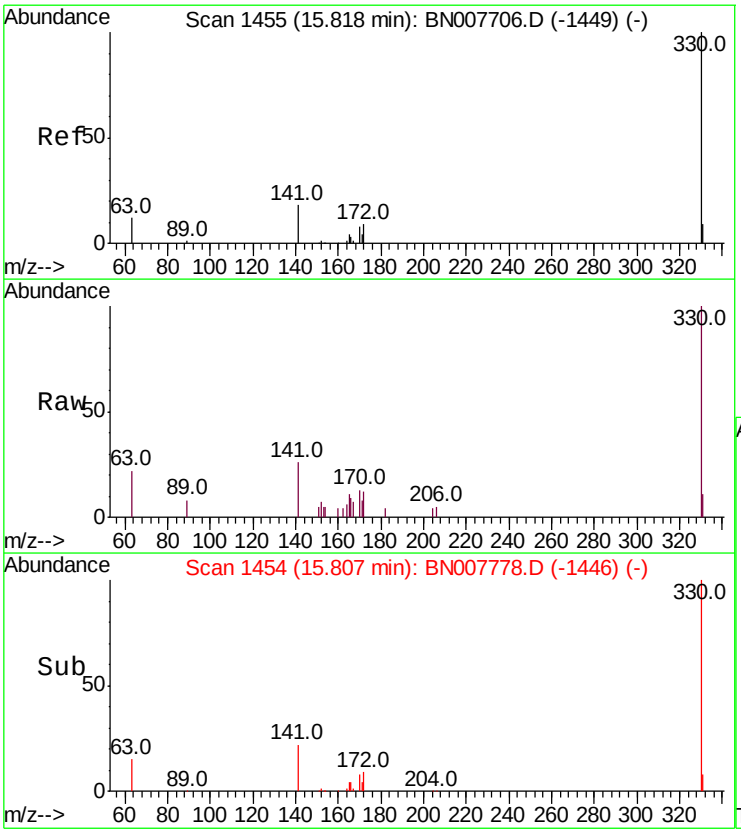
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 14313

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.7	122.5
160	46.3	37.0	55.4

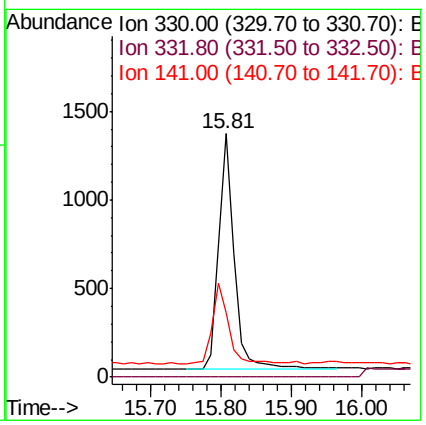


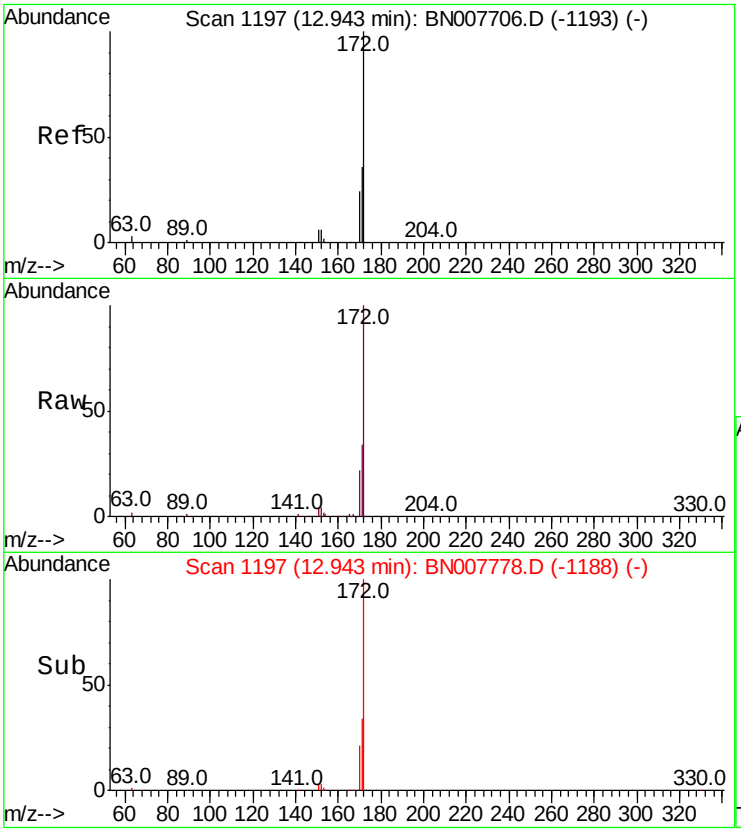


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:330 Resp: 2117

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	28.7	43.1



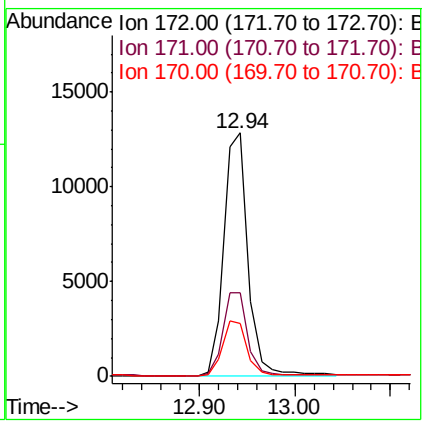


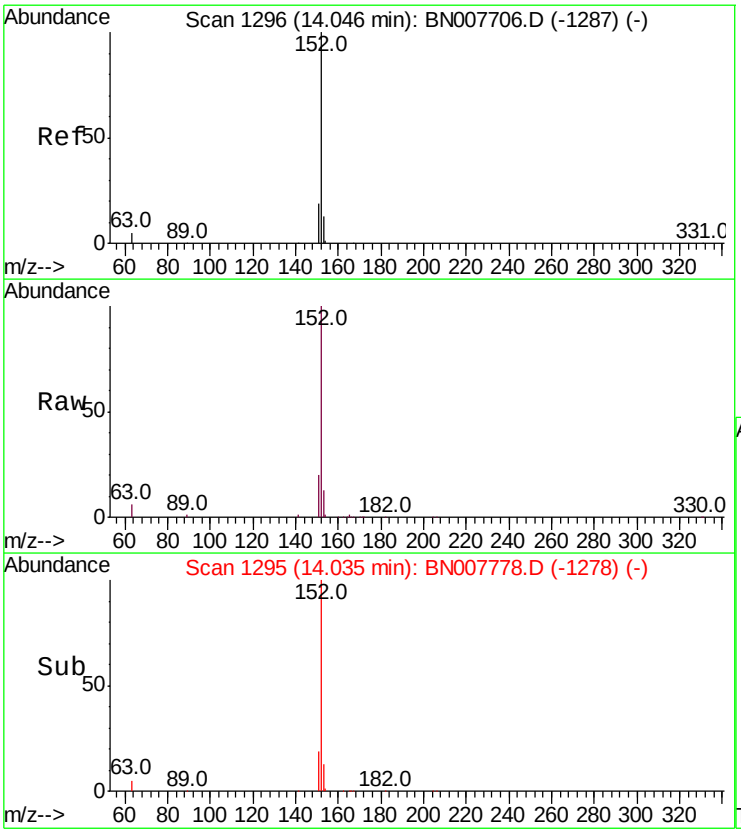
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 22404

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	21.8	19.5	29.3

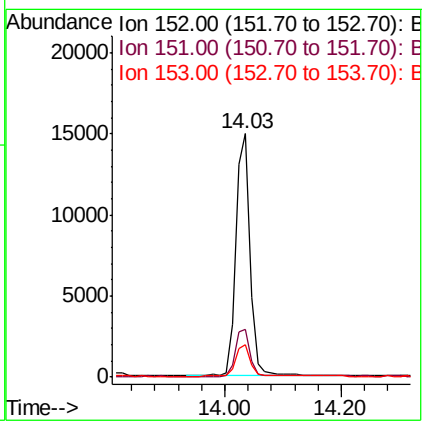


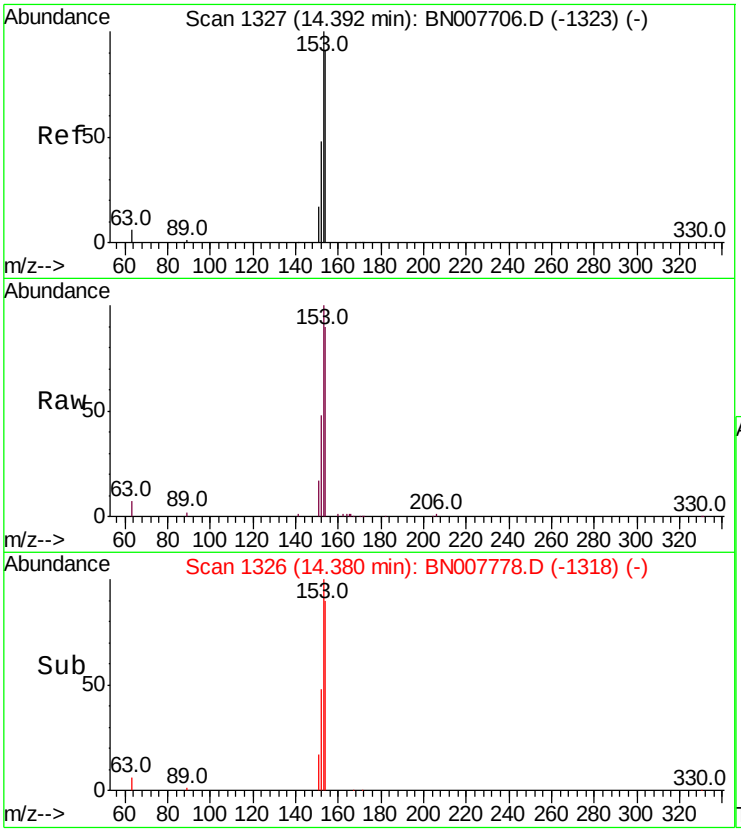


#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:152 Resp: 25746

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.0	10.4	15.6



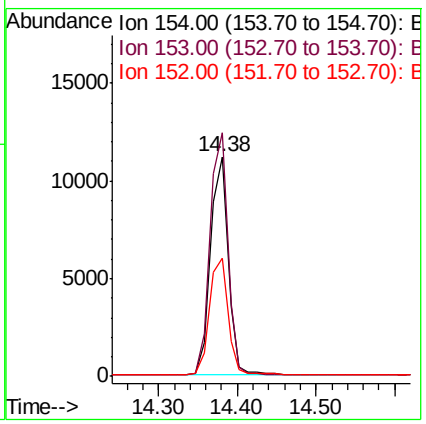


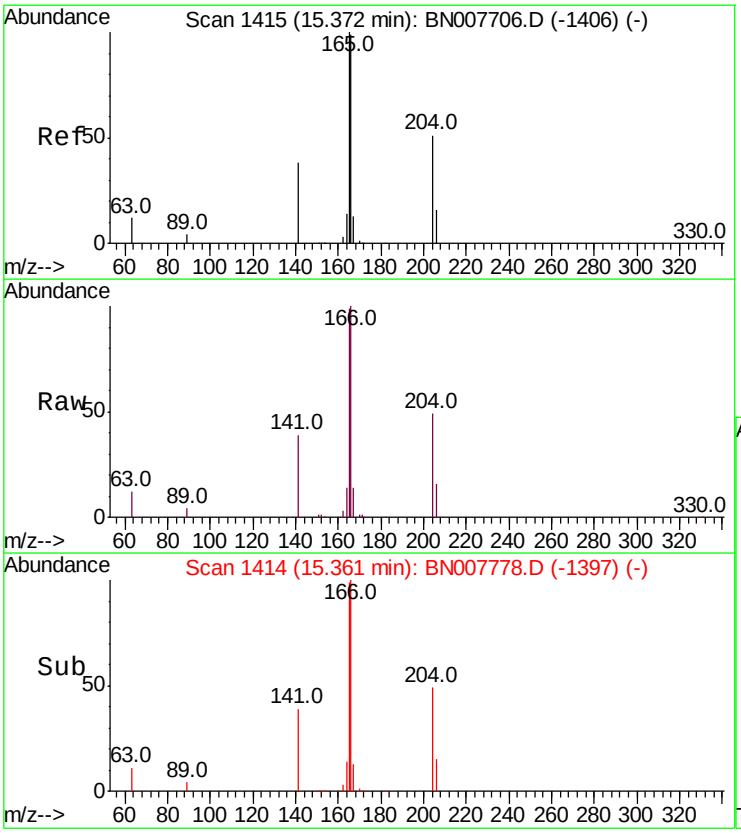
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 17655

Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.0	130.4
152	55.3	42.7	64.1

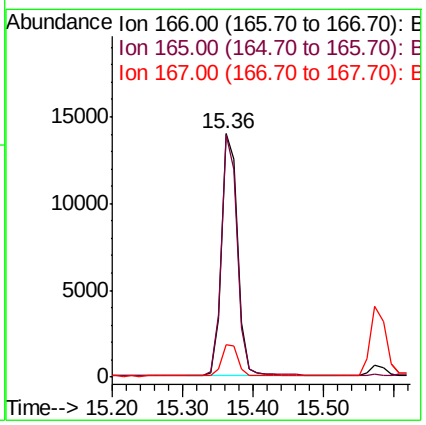


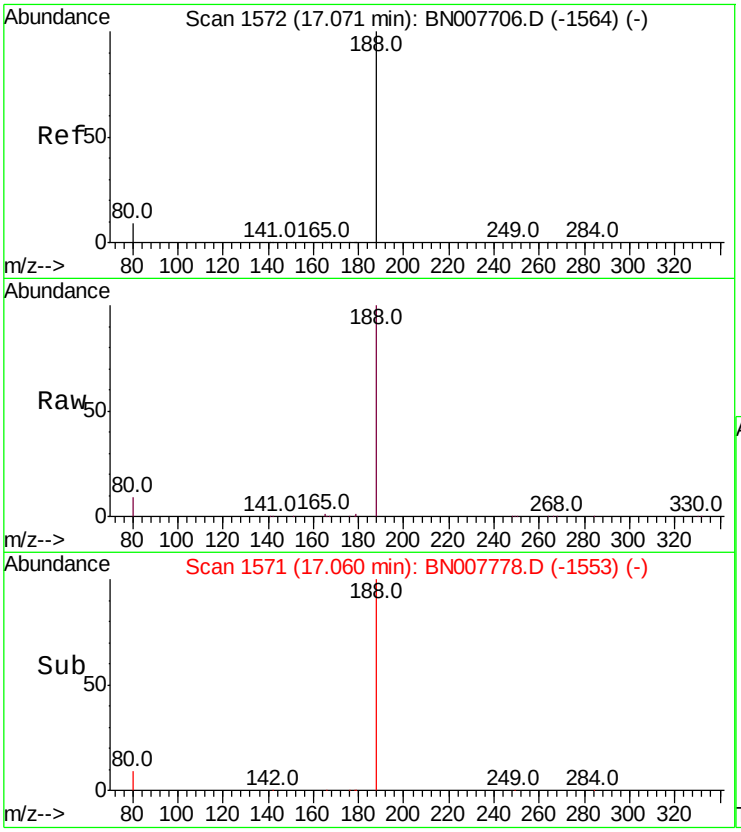


#18
Fluorene
Concen: 0.363 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:166 Resp: 22740

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.5	10.9	16.3



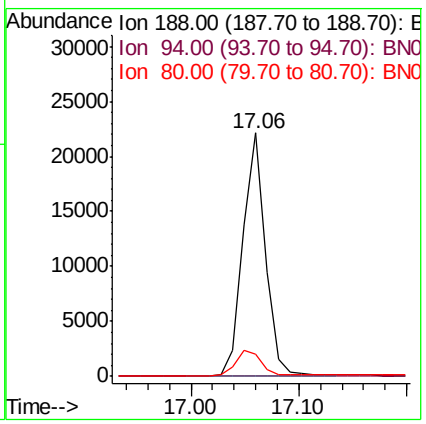


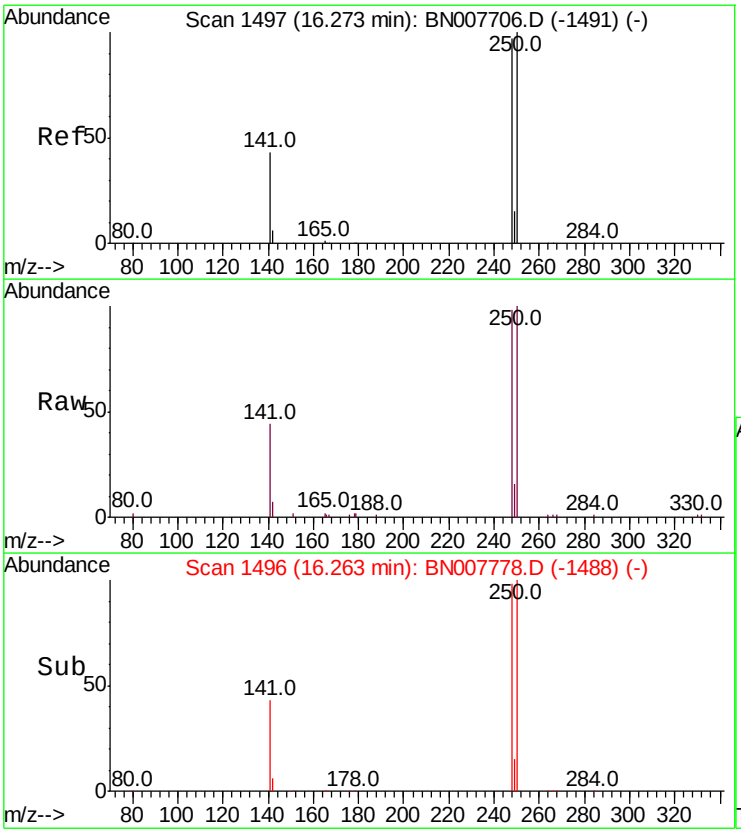
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 31813

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

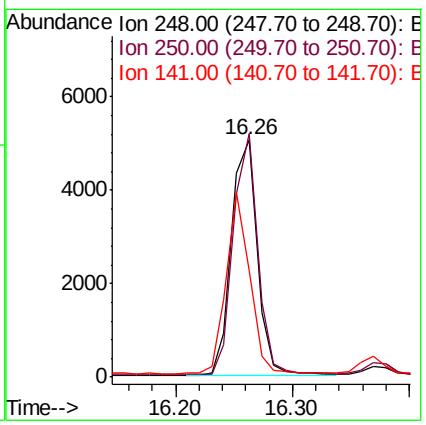


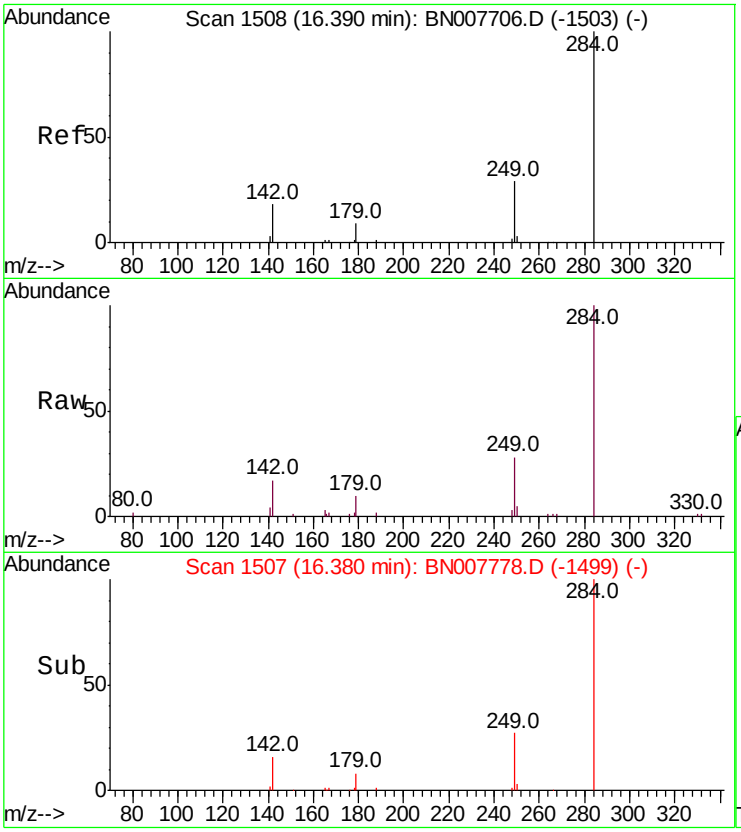


#20
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:248 Resp: 7681

Ion	Ratio	Lower	Upper
248	100		
250	102.5	82.2	123.4
141	44.9	36.3	54.5



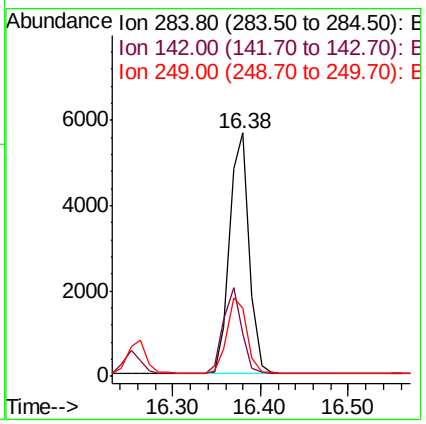


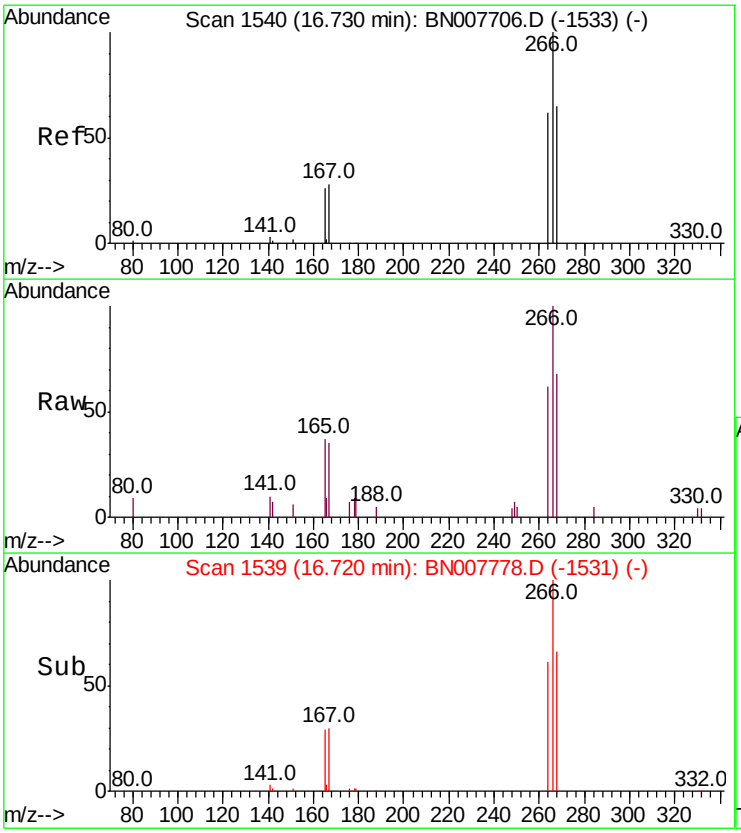
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 8760

Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.8	38.6
249	31.3	25.9	38.9

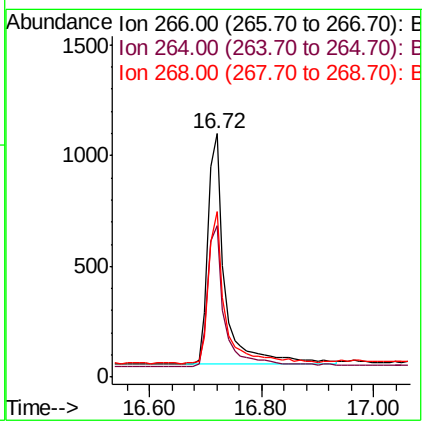


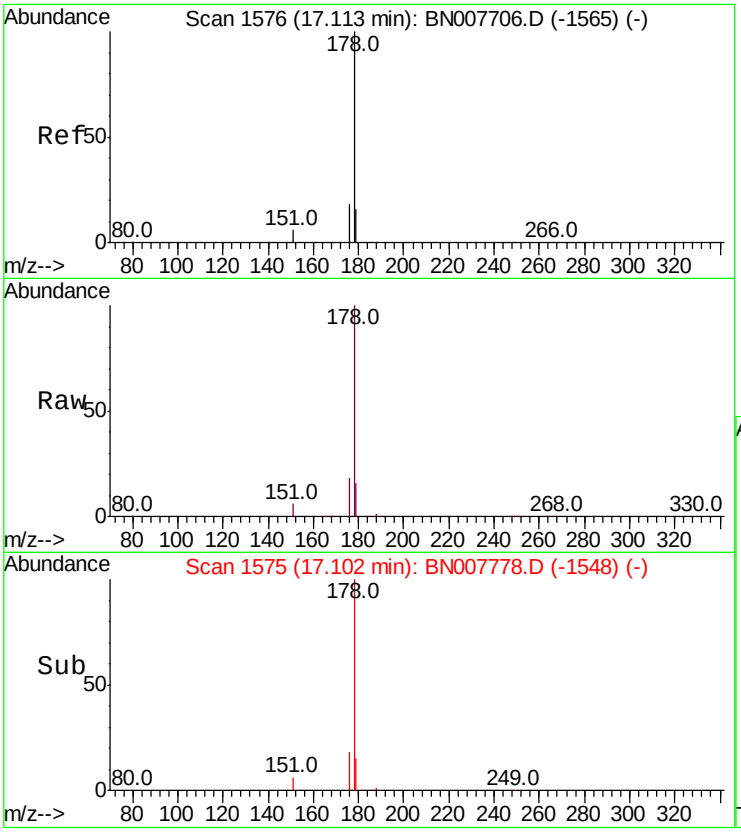


#22
Pentachlorophenol
Concen: 0.285 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:266 Resp: 2217

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	68.0	54.2	81.4



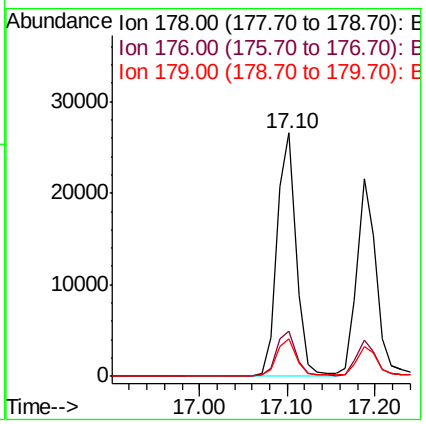


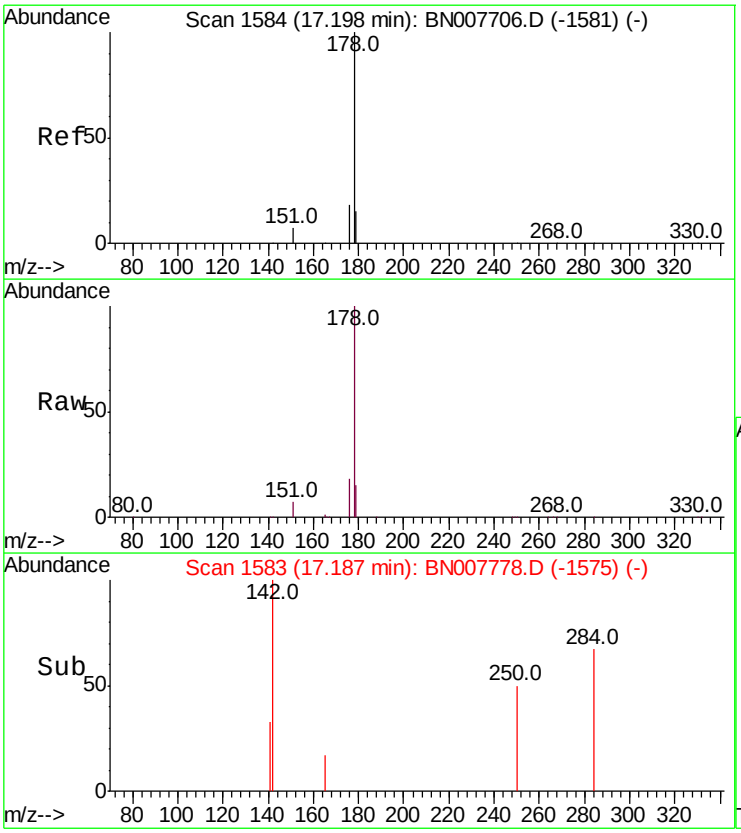
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 39730

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.5	18.7

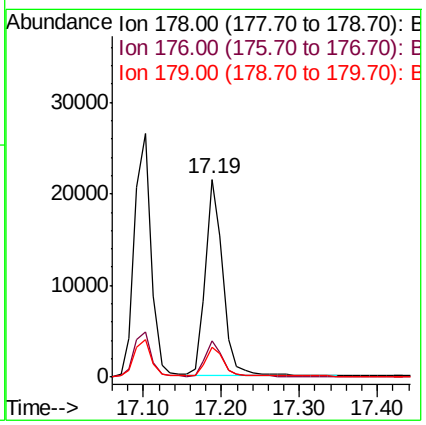


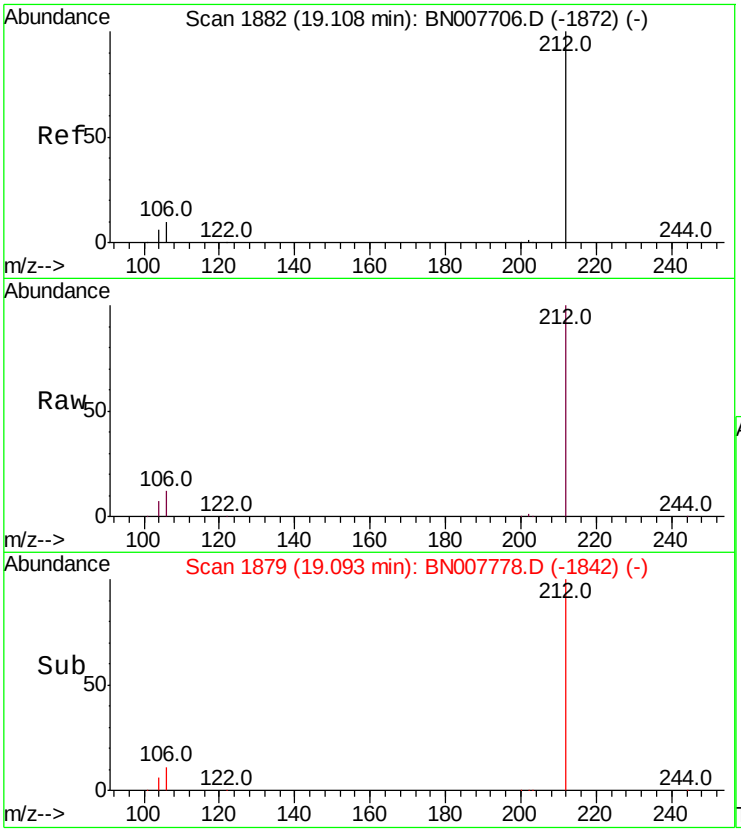


#24
Anthracene
Concen: 0.371 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:178 Resp: 33233

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.5	12.2	18.4



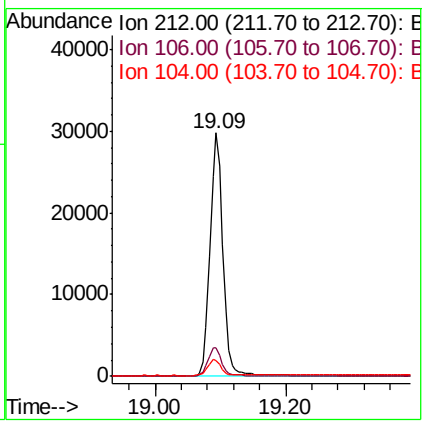


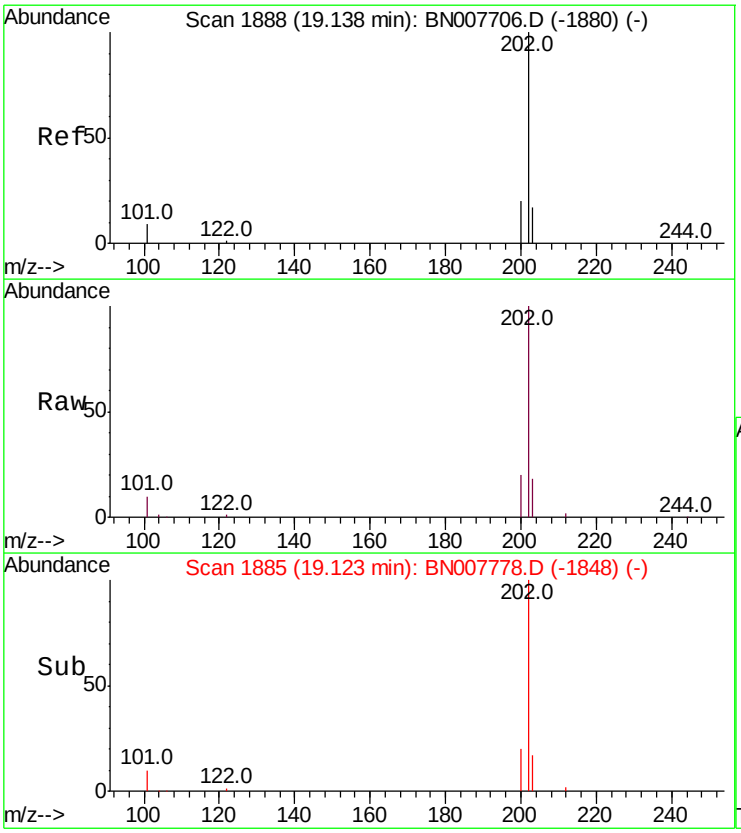
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 40366

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.7	5.3	7.9

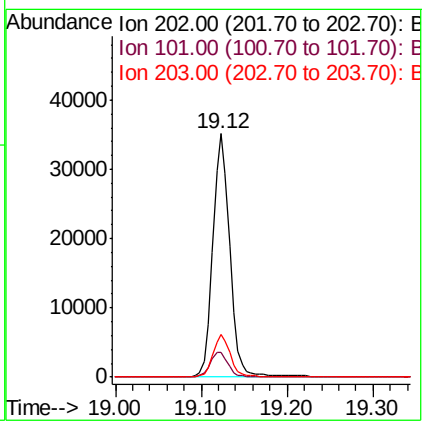


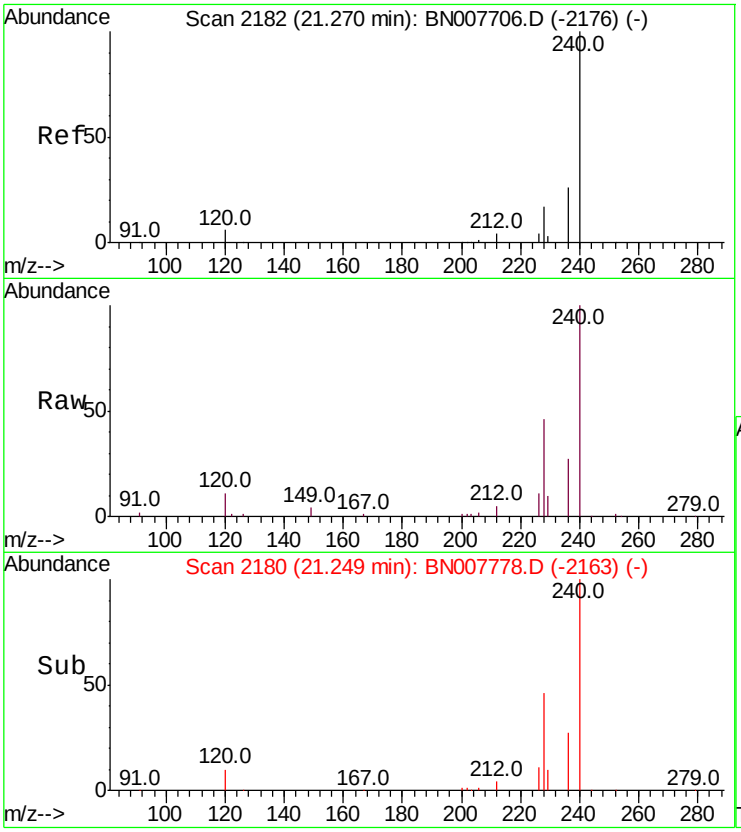


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:202 Resp: 47485

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.3	13.8	20.8



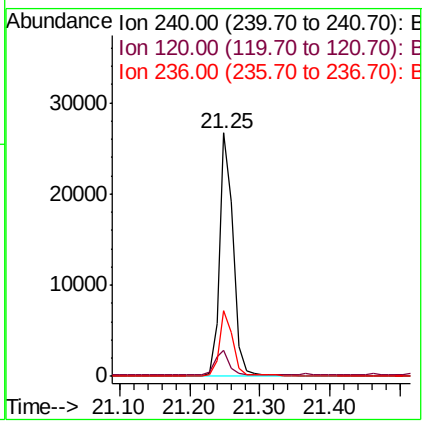


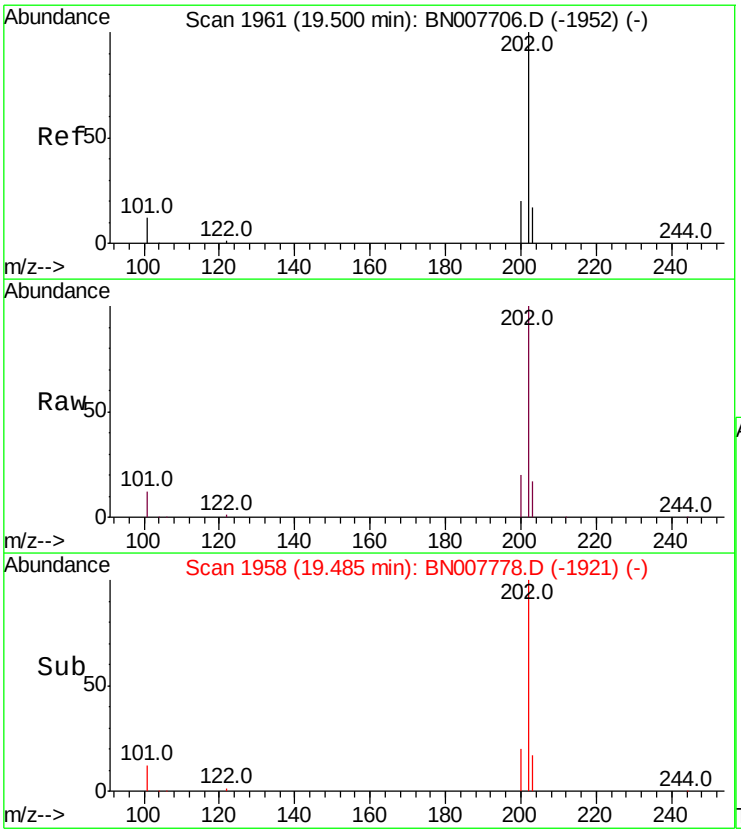
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 35959

Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.4	8.2#
236	26.9	21.0	31.4

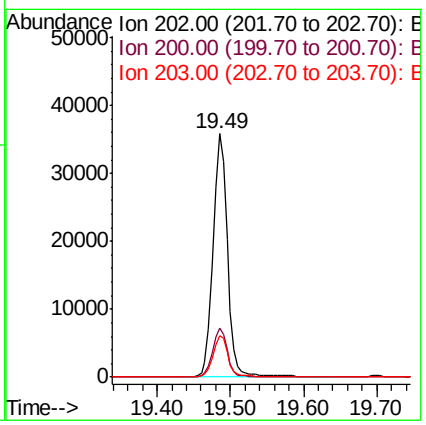


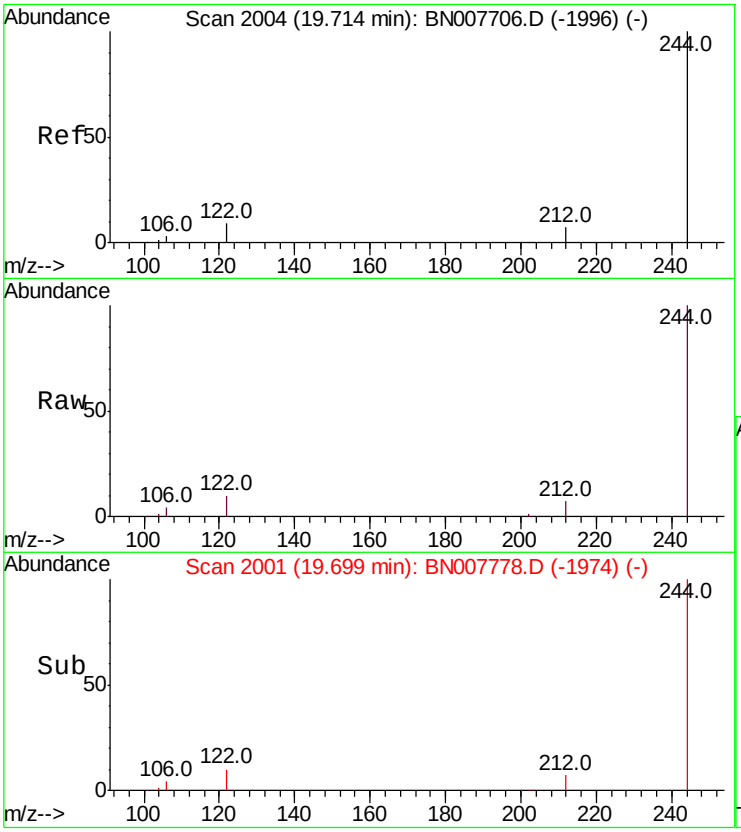


#28
Pyrene
Concen: 0.389 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:202 Resp: 47766

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.4	14.1	21.1



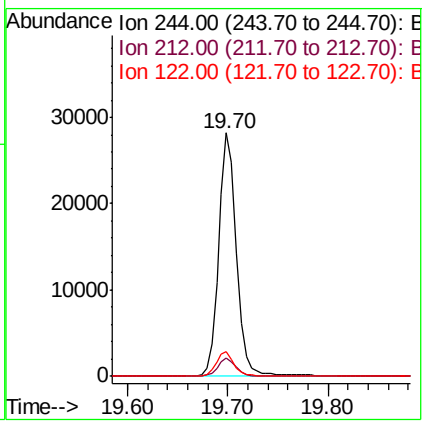


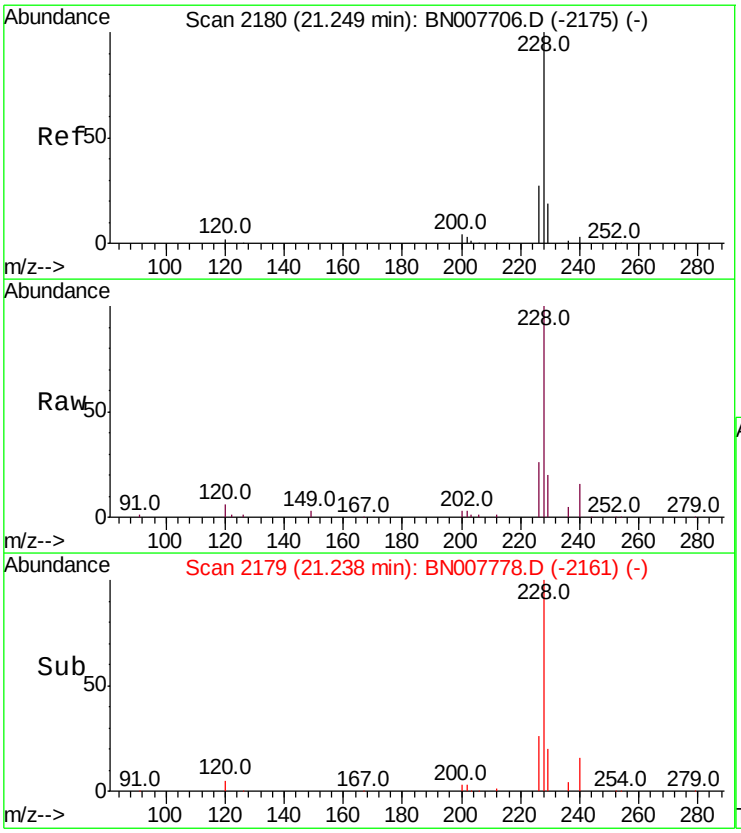
#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 34461

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.1	7.4	11.2

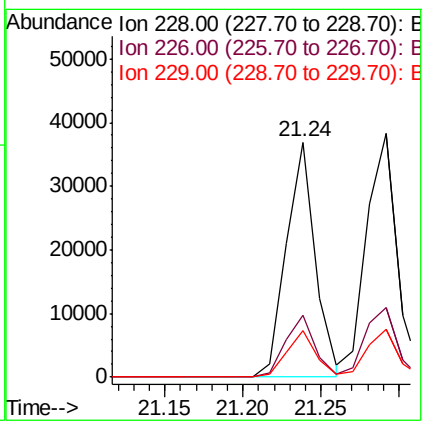


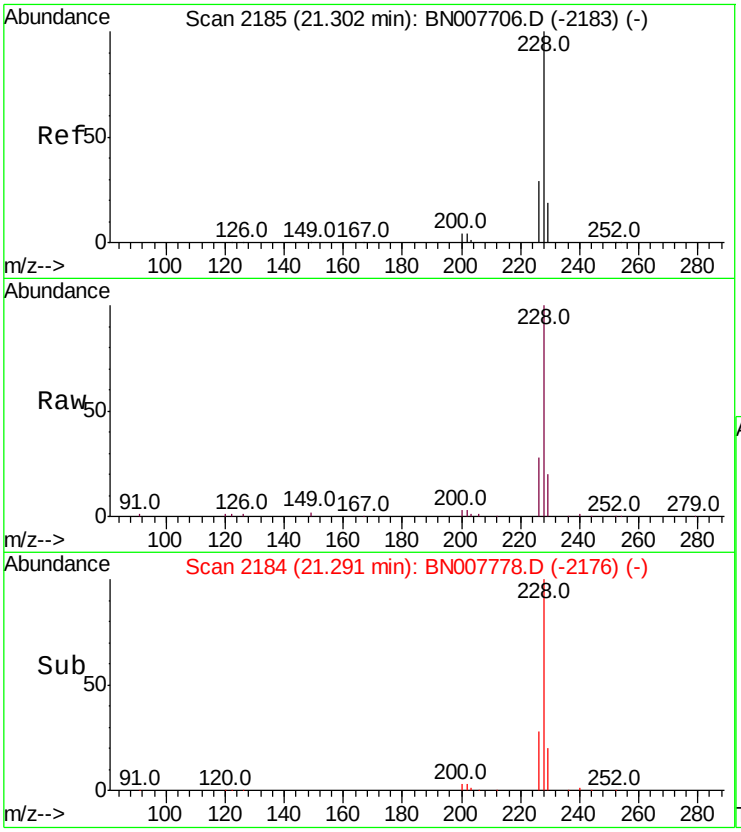


#30
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:228 Resp: 47181

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.1	33.1
229	19.9	15.8	23.6



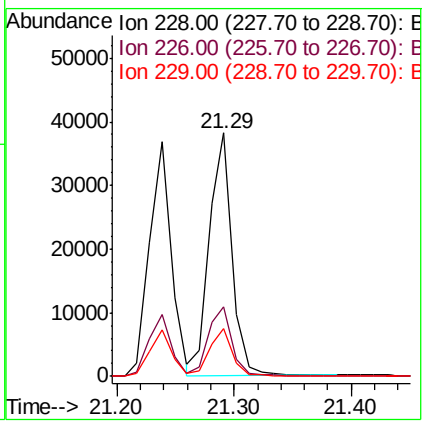


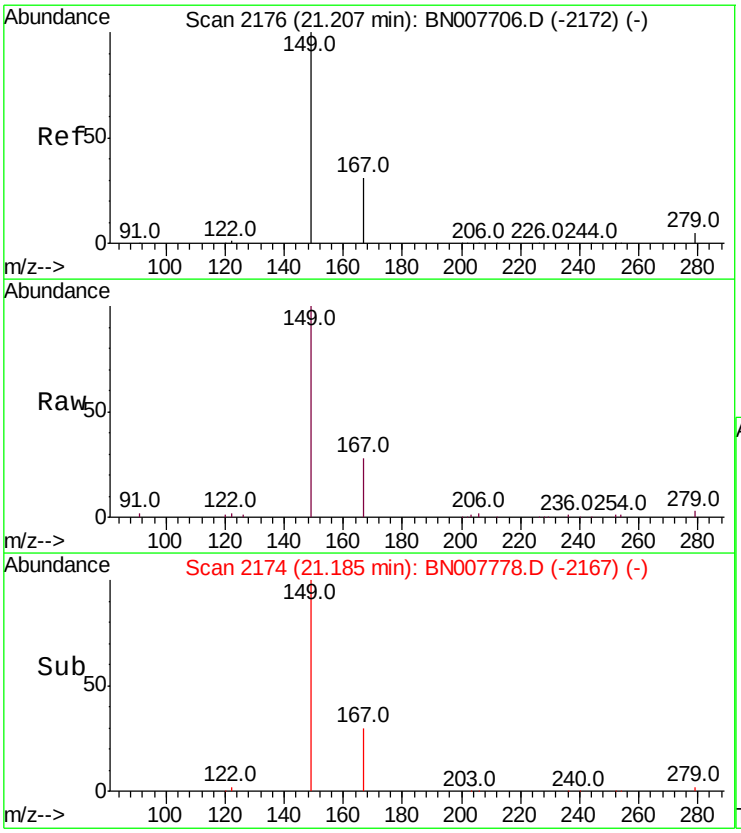
#31
Chrysene
Concen: 0.401 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 51801

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	19.8	15.8	23.6

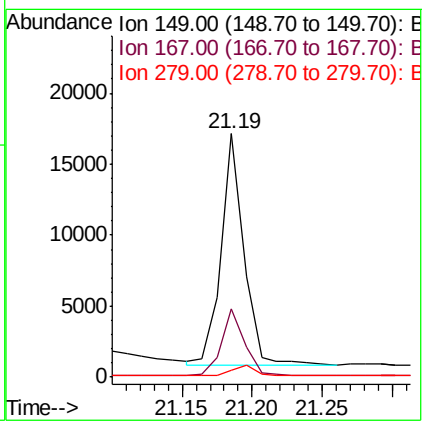


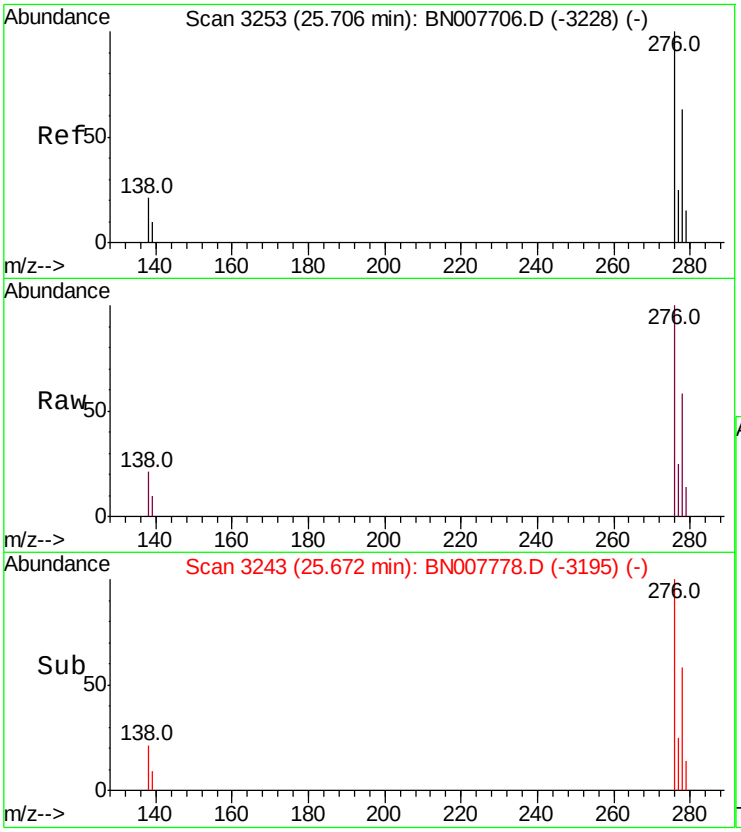


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.269 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:149 Resp: 18344

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.7	35.5
279	5.0	4.2	6.2



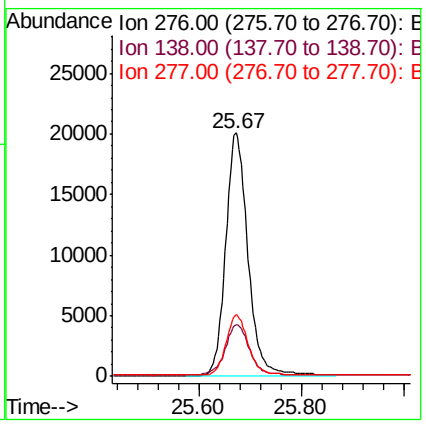


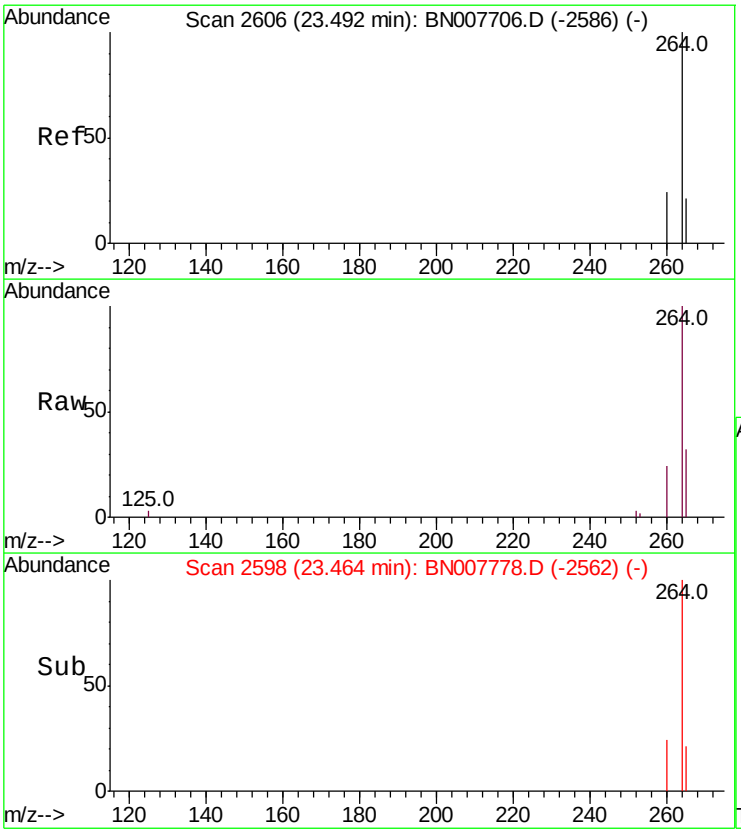
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 60125

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.1	25.7
277	25.0	20.0	30.0

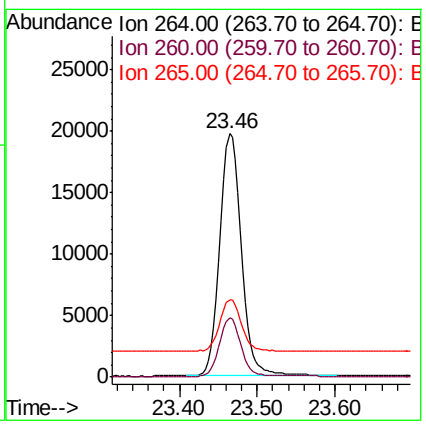


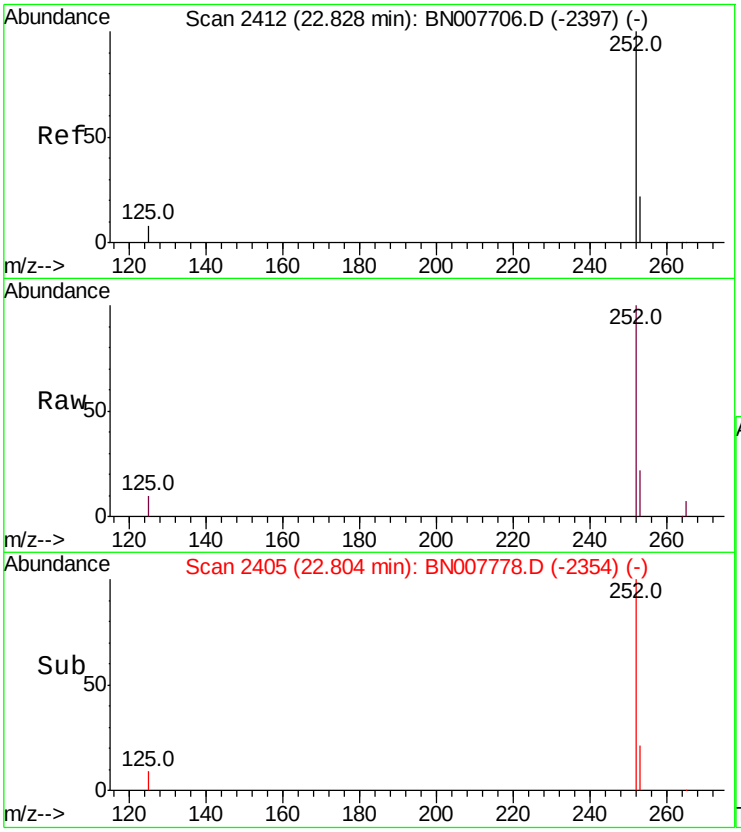


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:264 Resp: 37982

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	31.7	26.9	40.3



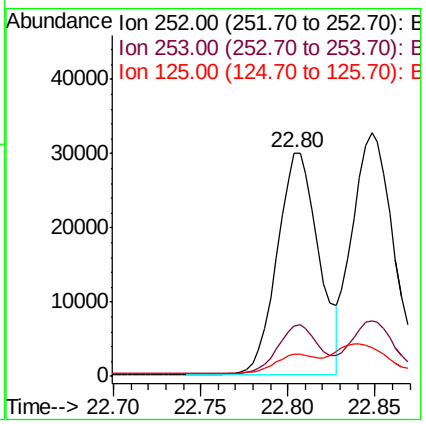


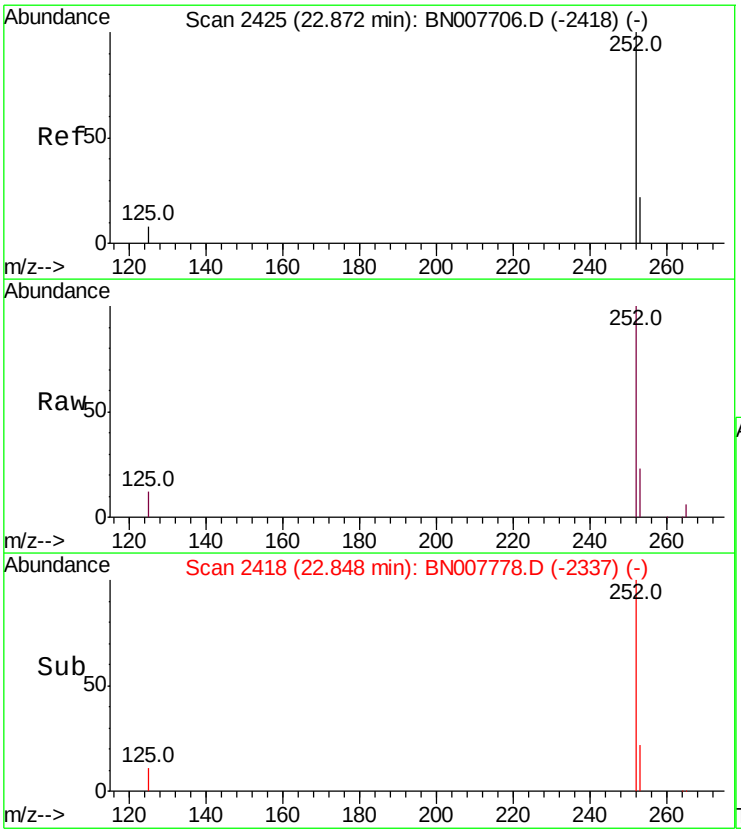
#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 49726

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	10.2	8.2	12.4

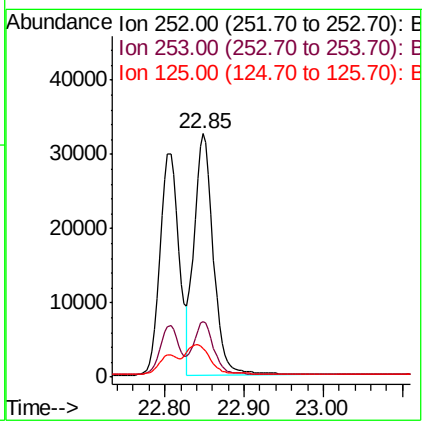


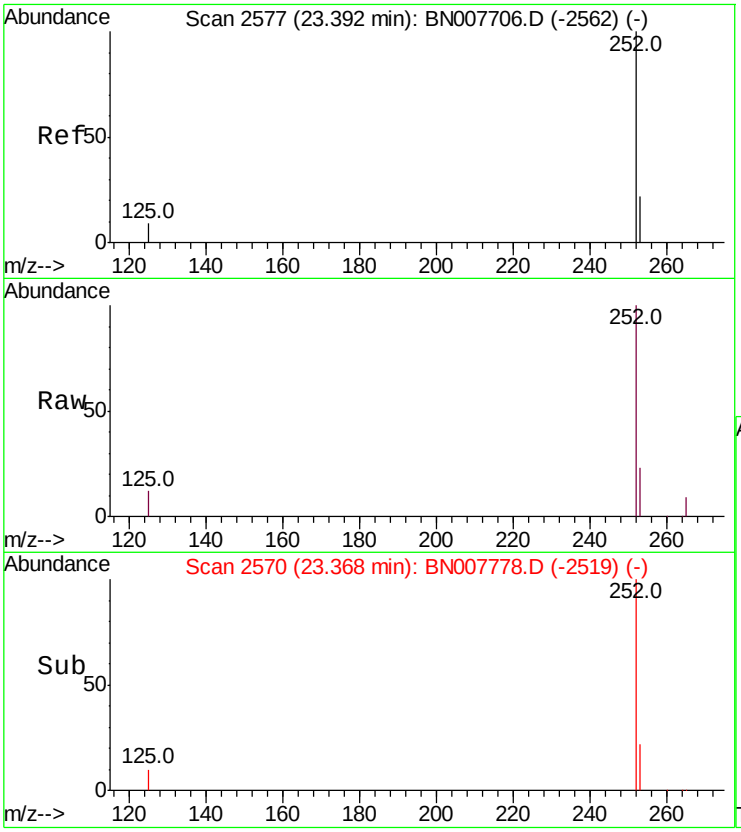


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:252 Resp: 55047

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.8	8.4	12.6



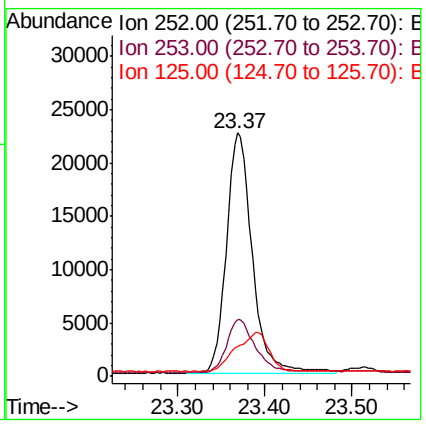


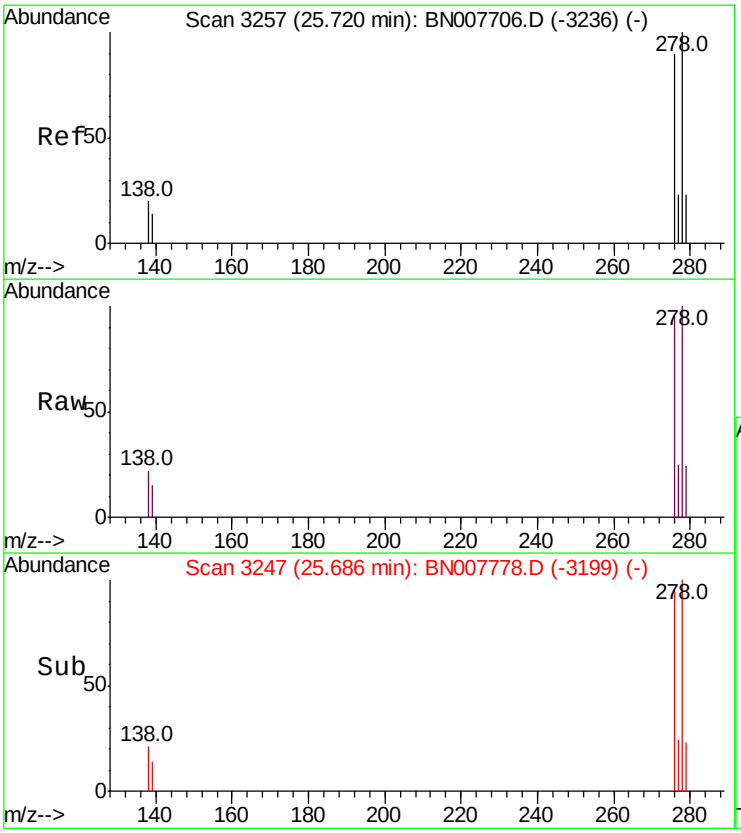
#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 46290

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	12.2	9.4	14.0

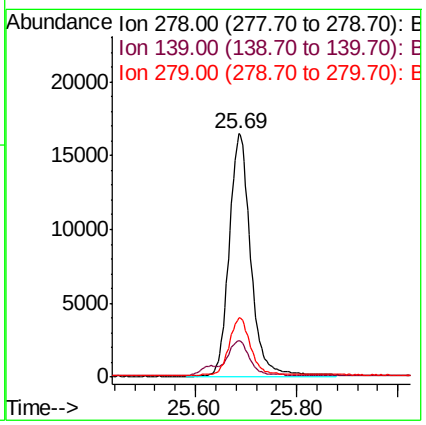


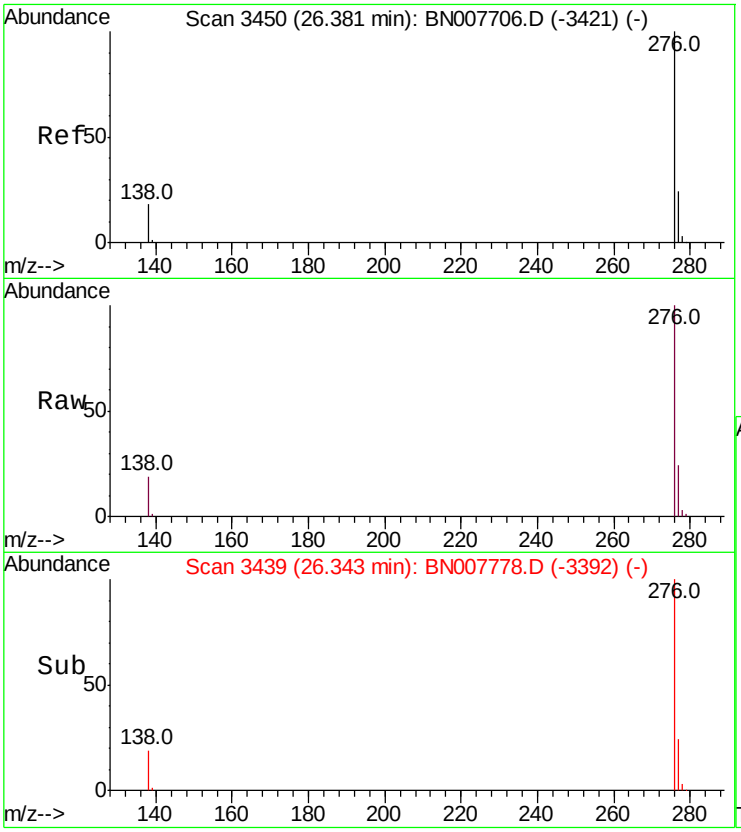


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Tgt Ion:278 Resp: 48278

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	24.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 26.34 min Scan# 3439
Delta R.T. -0.04 min
Lab File: BN007778.D
Acq: 21 Sep 2019 00:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 46387

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	19.5	15.1	22.7