Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003302.D
Acq On : 26 Oct 2018 13:35
Operator : MJ/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 26 14:27:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 13:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	11939	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	50760	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	30383	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	72238	0.40	ng		0.00
27) Chrysene-d12	21.43	240	83832	0.40	ng		0.01
34) Perylene-d12	23.75	264	74448	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	22666	1.07	ng		0.00
5) Phenol-d6	7.02	99	28322	0.86	ng		0.00
8) Nitrobenzene-d5	9.02	82	16755	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	65048	0.78	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	8888	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	100338	0.85	ng		0.00
25) Fluoranthene-d10	19.27	212	165772	0.77	ng		0.00
29) Terphenyl-d14	19.87	244	149095	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	12097	0.673	ng		98
3) n-Nitrosodimethylamine	3.68	42	6188	1.189	ng	#	99
6) bis(2-Chloroethyl)ether	7.30	93	26168	0.724	ng		96
9) Naphthalene	10.72	128	97356	0.768	ng		99
10) Hexachlorobutadiene	10.99	225	17835	0.705	ng	#	99
12) 2-Methylnaphthalene	12.32	142	68419	0.796	ng		99
16) Acenaphthylene	14.22	152	104774	0.766	ng		100
17) Acenaphthene	14.56	154	73484	0.798	ng		100
18) Fluorene	15.55	166	92830	0.785	ng		100
20) 4-Bromophenyl-phenylether	16.44	248	33244	0.753	ng		99
21) Hexachlorobenzene	16.54	284	35122	0.748	ng		99
22) Pentachlorophenol	16.89	266	9896	1.636	ng		95
23) Phenanthrene	17.28	178	156265	0.817	ng		100
24) Anthracene	17.38	178	133249	0.784	ng		100
26) Fluoranthene	19.30	202	180736	0.771	ng		100
28) Pyrene	19.66	202	182645	0.755	ng		100
30) Benzo(a)anthracene	21.41	228	174560	0.881	ng		99
31) Chrysene	21.46	228	185032	0.668	ng		99
32) Bis(2-ethylhexyl)phthalate	21.33	149	48348	0.398	ng		100
33) Indeno(1,2,3-cd)pyrene	26.11	276	185803	0.781	ng		99
35) Benzo(b)fluoranthene	23.04	252	182591	0.913	ng	#	94
36) Benzo(k)fluoranthene	23.09	252	183722	0.756	ng		98
37) Benzo(a)pyrene	23.64	252	163624	0.781	ng	#	91
38) Dibenzo(a,h)anthracene	26.13	278	152546	0.836	ng		99
39) Benzo(g,h,i)perylene	26.84	276	153899	0.827	ng		99

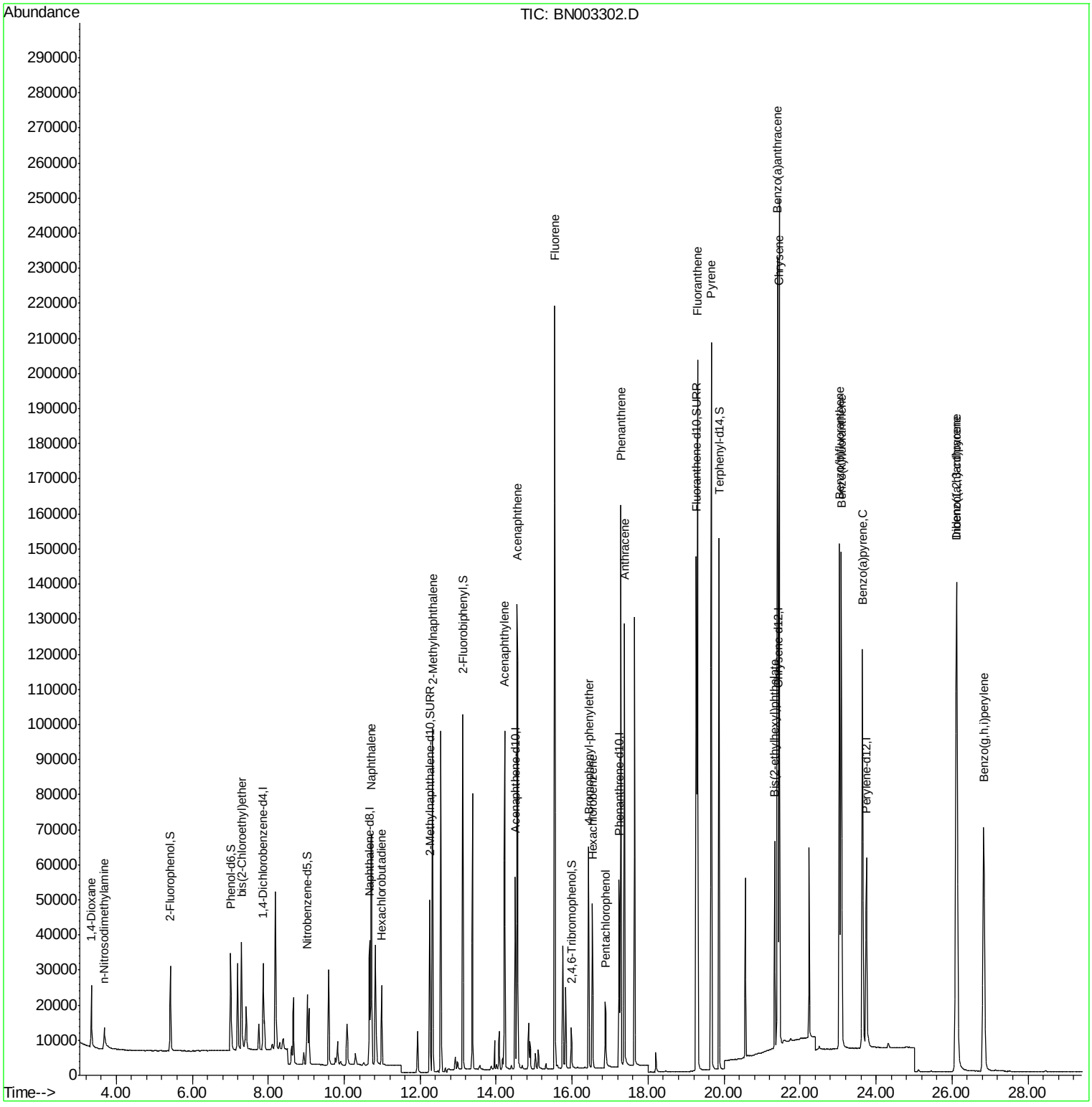
(#) = qualifier out of range (m) = manual integration (+) = signals summed

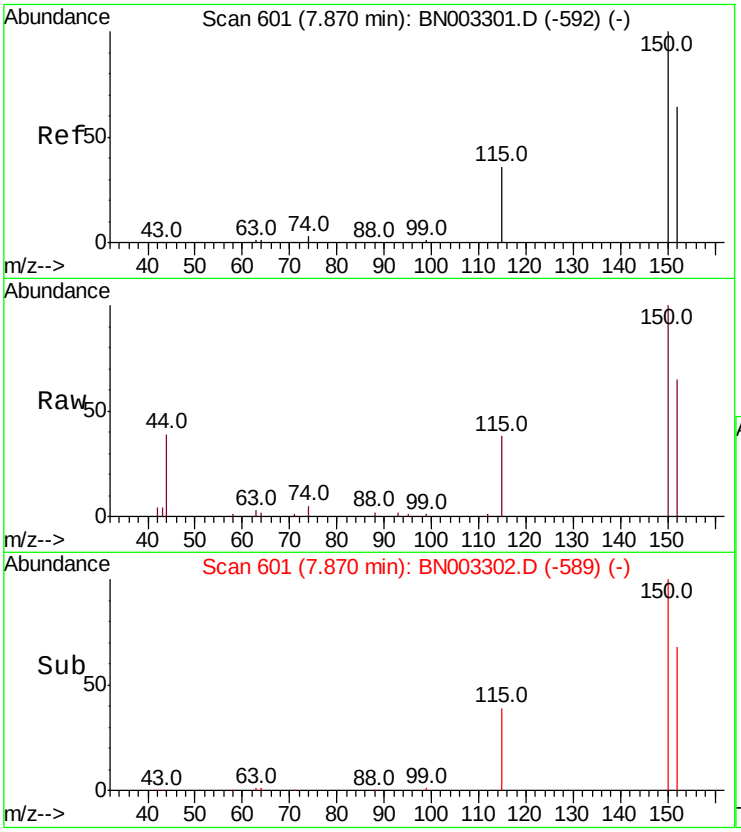
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003302.D
Acq On : 26 Oct 2018 13:35
Operator : MJ/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 26 14:27:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 13:42:21 2018
Response via : Initial Calibration



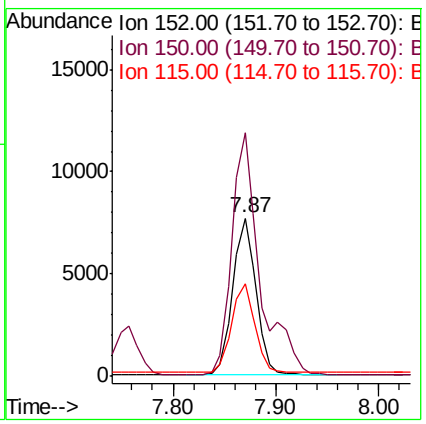


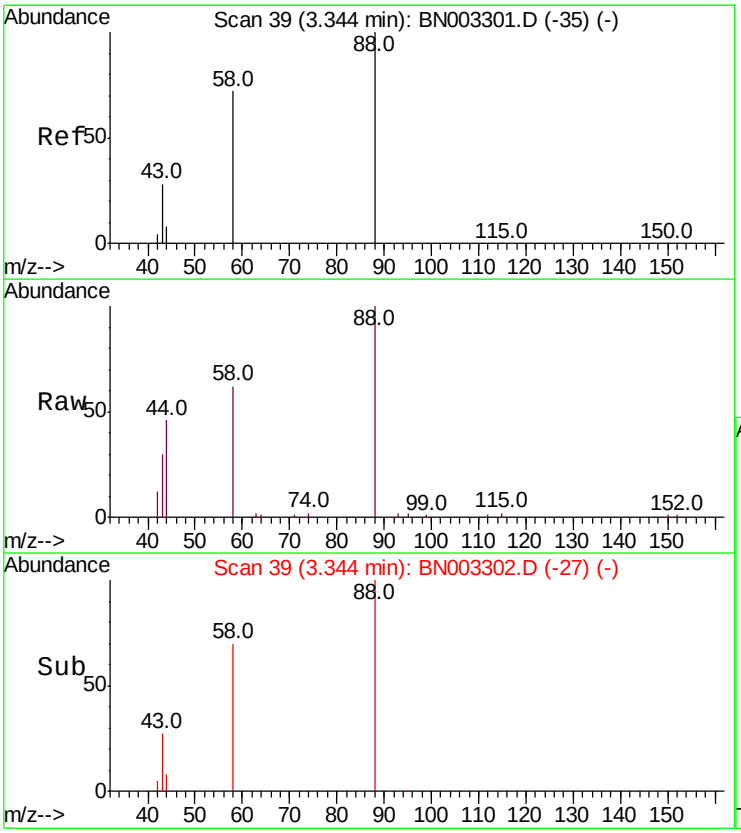
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 11939

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	187.0
115	58.8	46.4	69.6

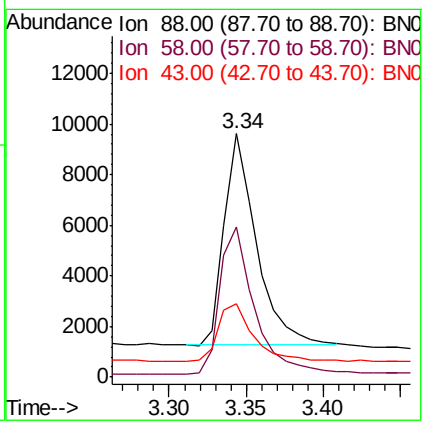


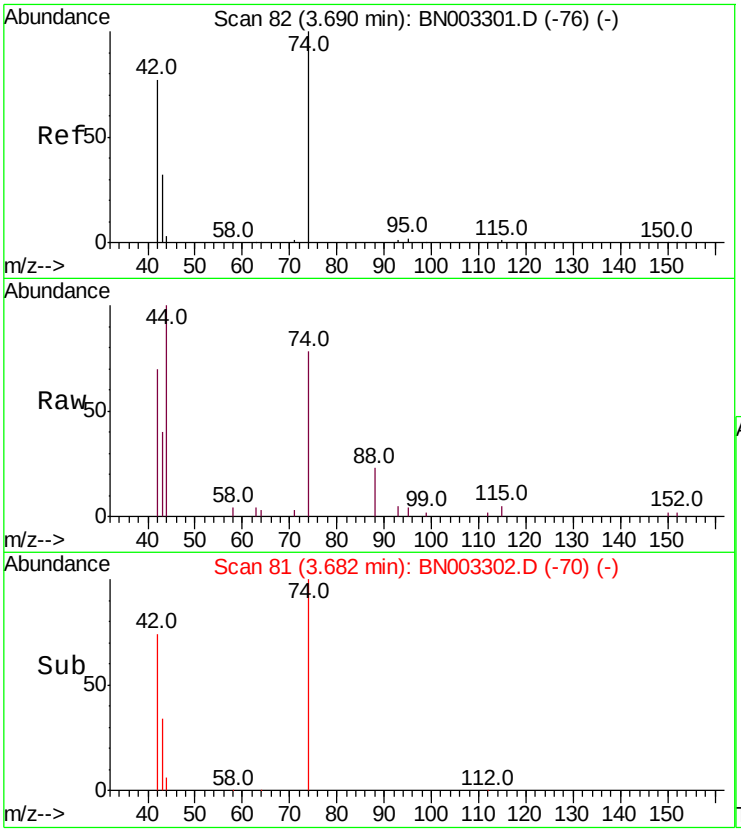


#2
1,4-Dioxane
Concen: 0.673 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion: 88 Resp: 12097

Ion	Ratio	Lower	Upper
88	100		
58	74.5	60.9	91.3
43	28.8	23.9	35.9



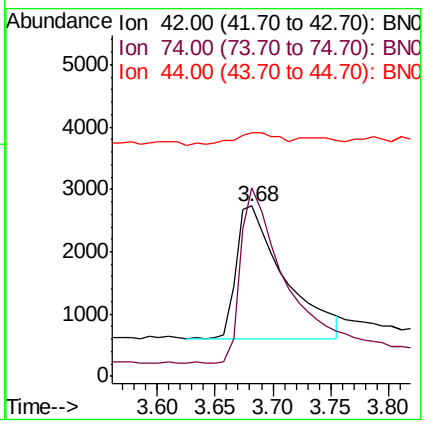


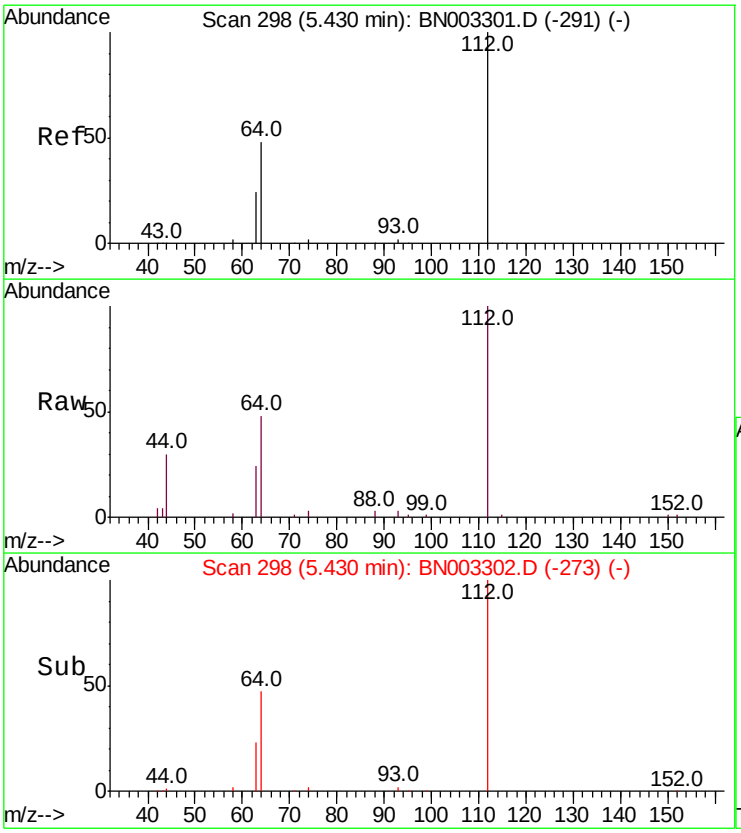
#3
n-Nitrosodimethylamine
Concen: 1.189 ng
RT: 3.68 min Scan# 81
Delta R.T. -0.01 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6188

Ion	Ratio	Lower	Upper
42	100		
74	125.0	99.1	148.7
44	9.5	4.2	6.4#

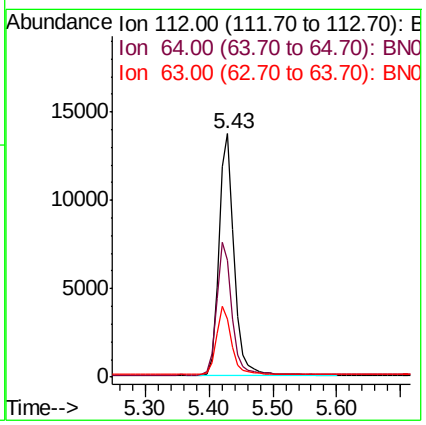


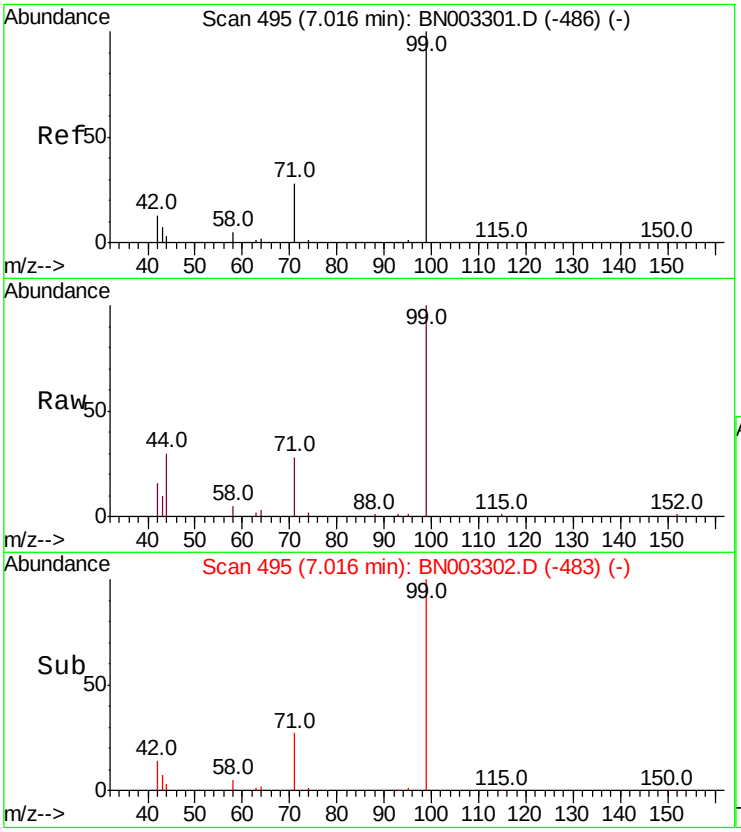


#4
2-Fluorophenol
Concen: 1.072 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:112 Resp: 22666

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.3	66.5
63	28.2	22.4	33.6



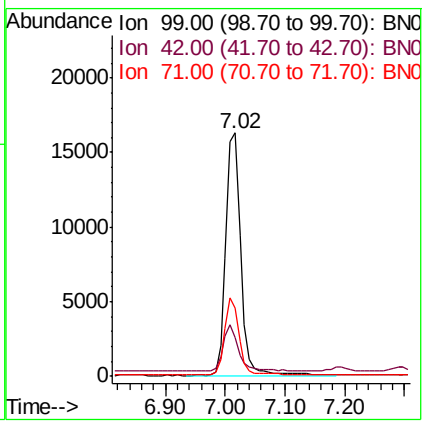


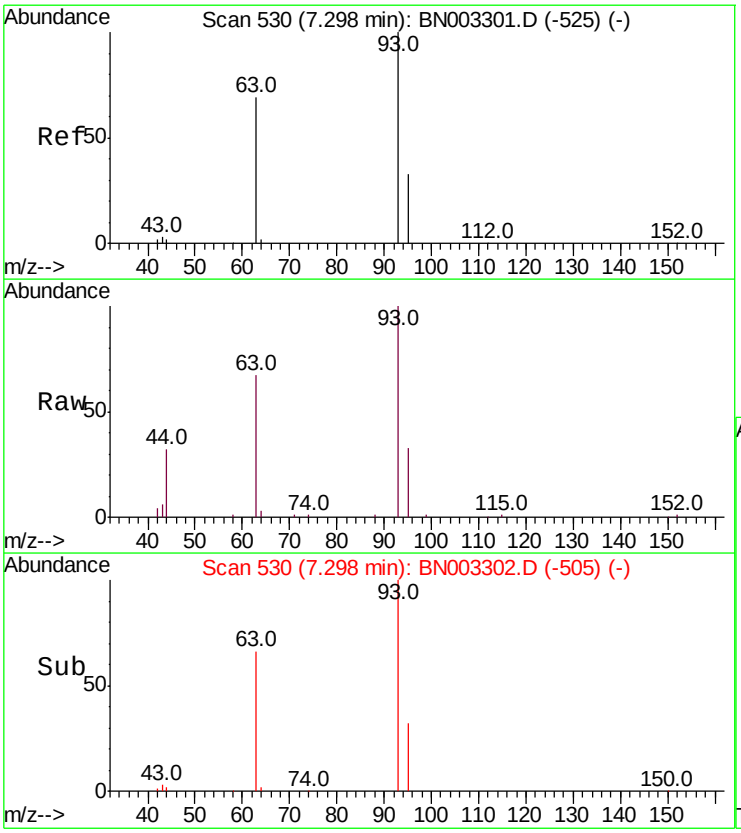
#5
Phenol-d6
Concen: 0.861 ng
RT: 7.02 min Scan# 495
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 28322

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.8	22.2
71	30.2	24.8	37.2

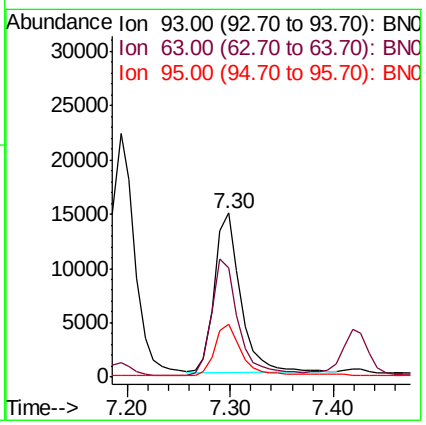


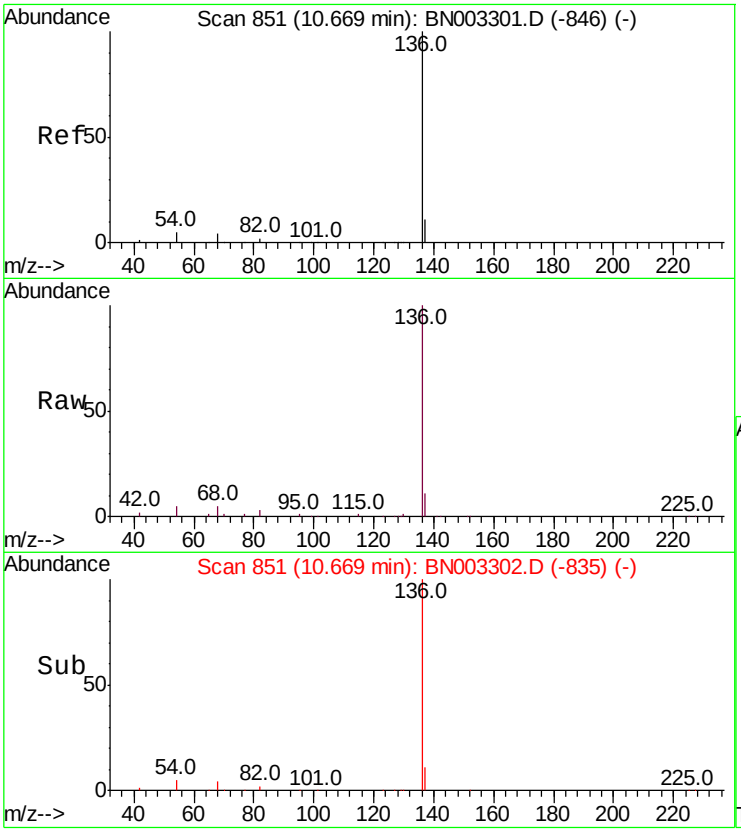


#6
bis(2-Chloroethyl)ether
Concen: 0.724 ng
RT: 7.30 min Scan# 530
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion: 93 Resp: 26168

Ion	Ratio	Lower	Upper
93	100		
63	74.2	55.8	83.6
95	32.9	25.4	38.2



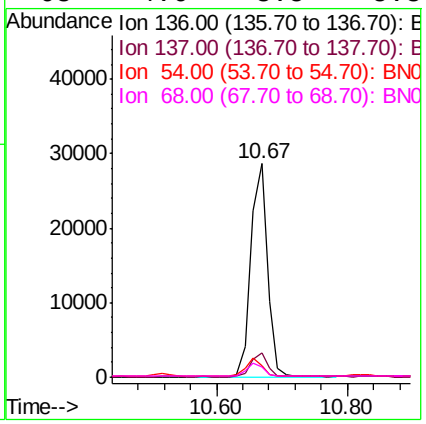


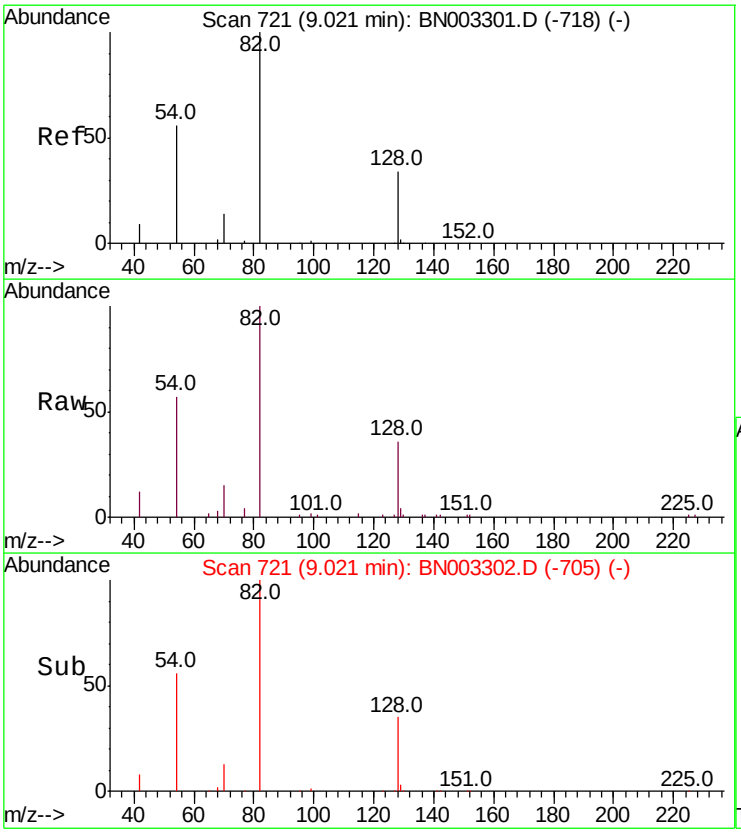
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 50760

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.3	4.1	6.1
68	4.6	3.5	5.3

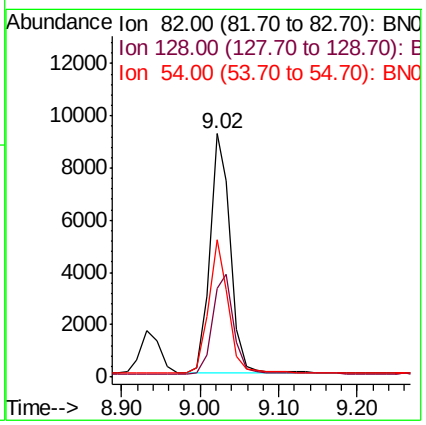


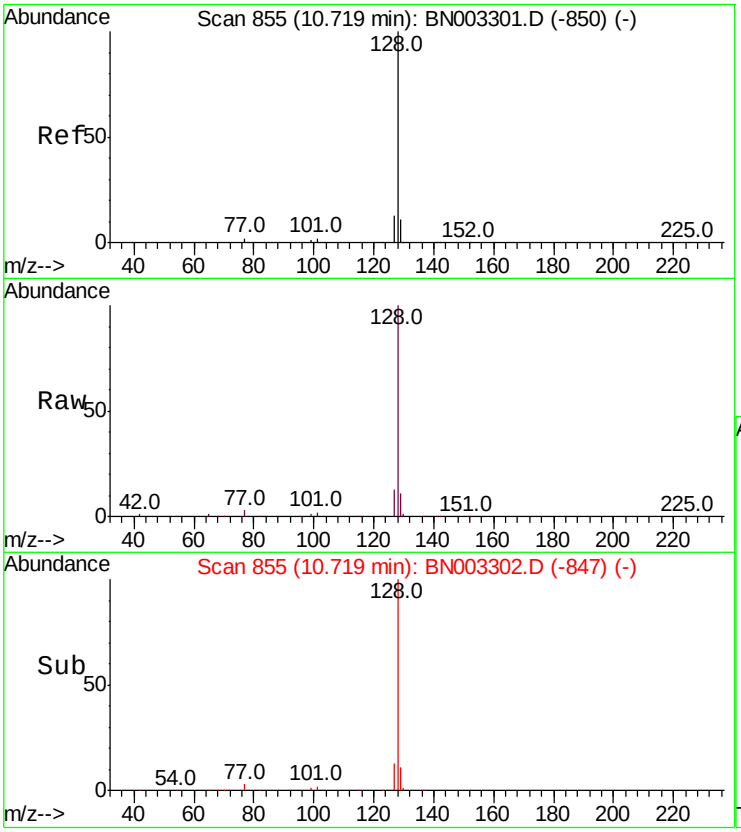


#8
Nitrobenzene-d5
Concen: 0.539 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion: 82 Resp: 16755

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	56.6	46.1	69.1



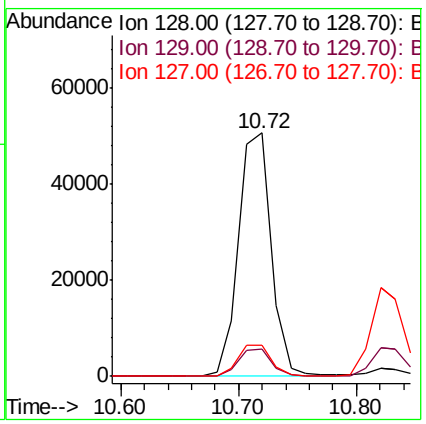


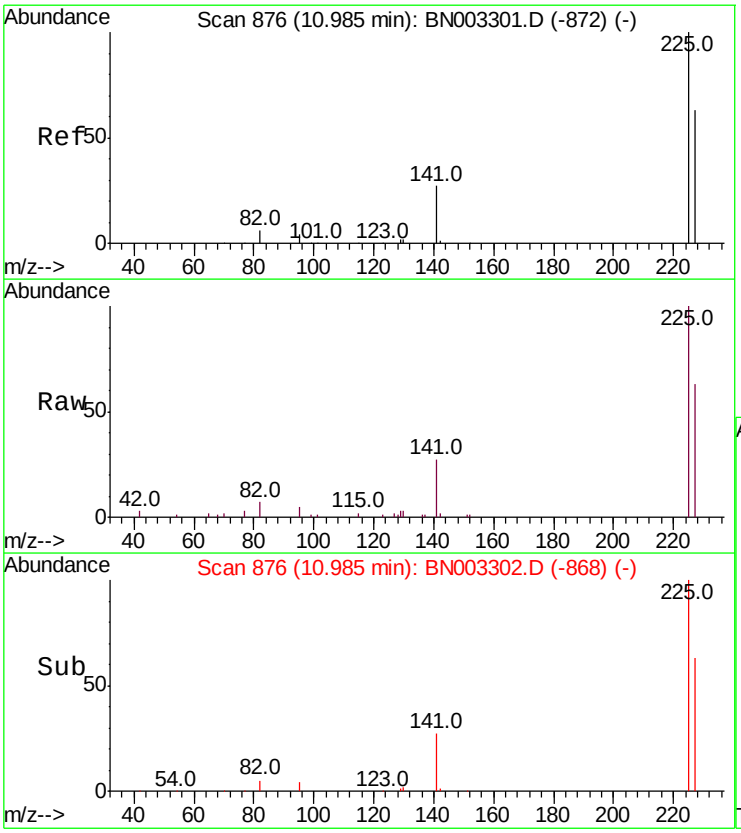
#9
Naphthalene
Concen: 0.768 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 97356

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.7	10.2	15.4

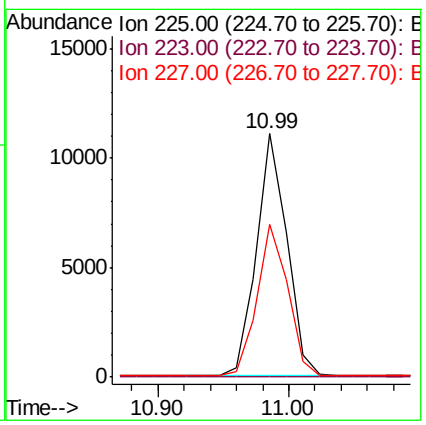


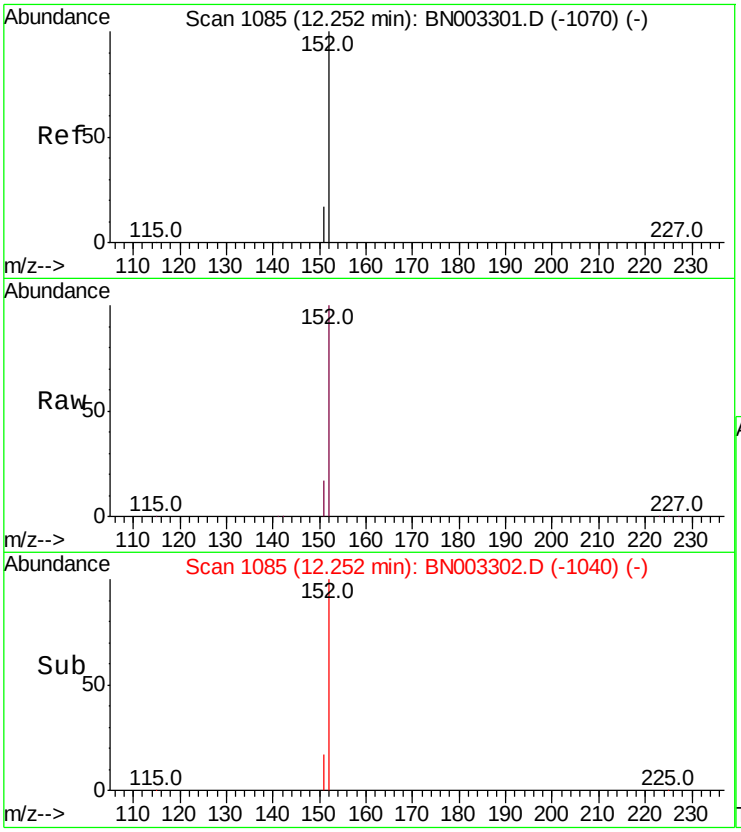


#10
Hexachlorobutadiene
Concen: 0.705 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:225 Resp: 17835

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.3	76.9



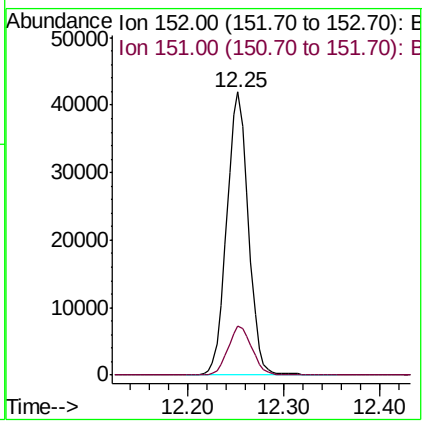


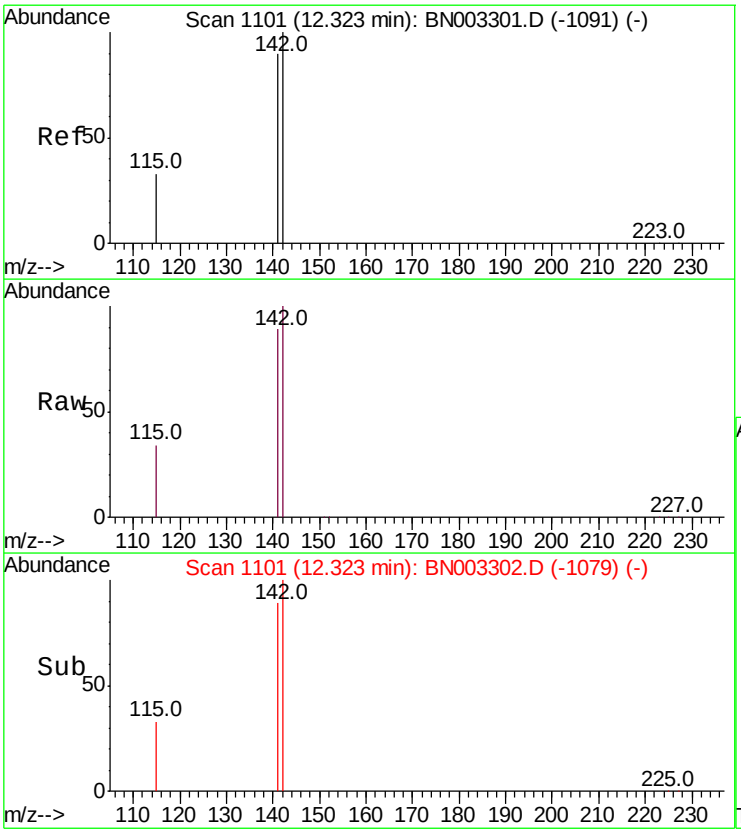
#11
2-Methylnaphthalene-d10
Concen: 0.776 ng
RT: 12.25 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 65048

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

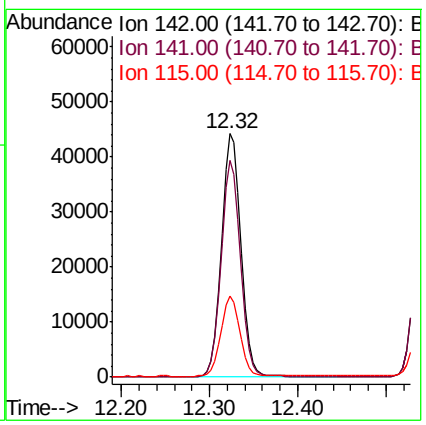


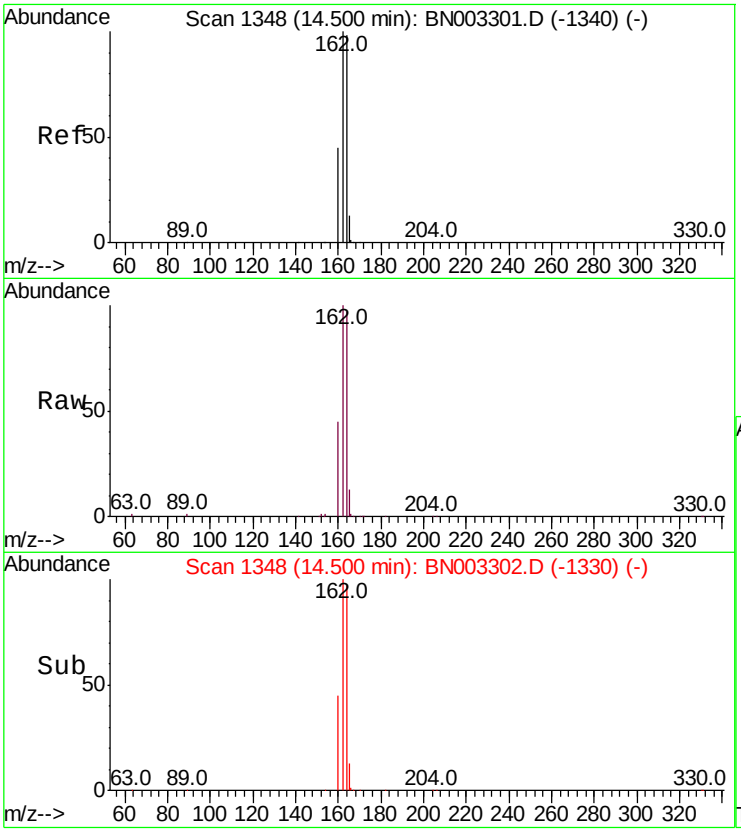


#12
2-Methylnaphthalene
Concen: 0.796 ng
RT: 12.32 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:142 Resp: 68419

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	33.5	27.0	40.6



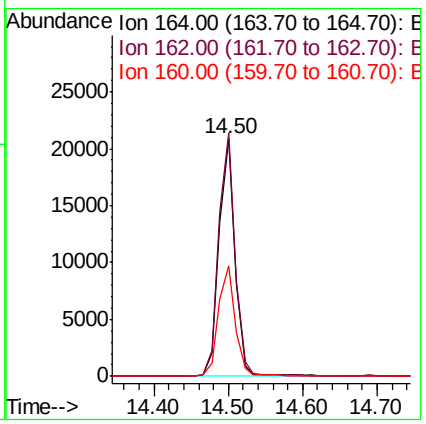


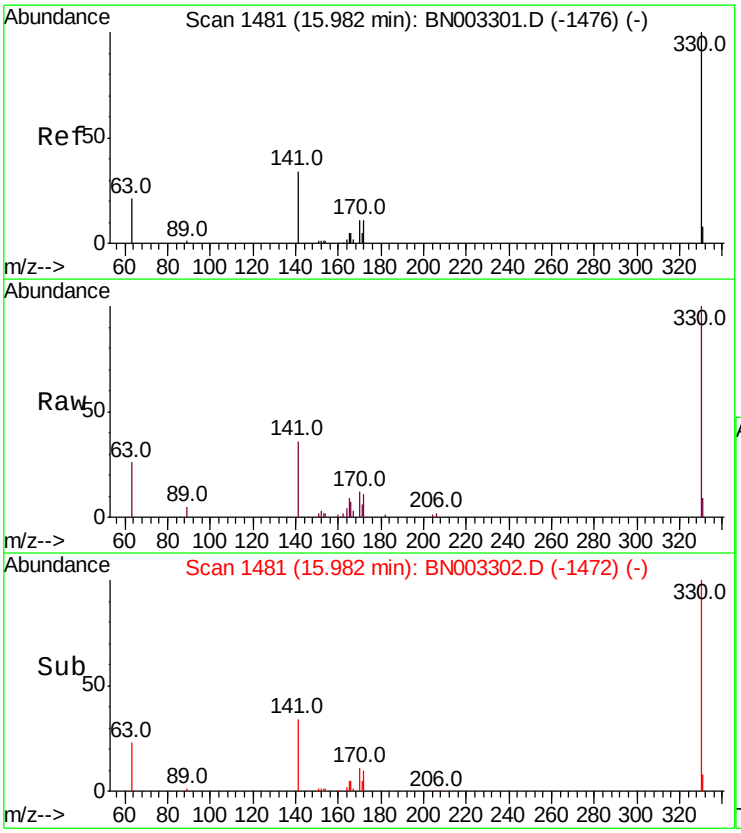
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 30383

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	46.5	37.2	55.8

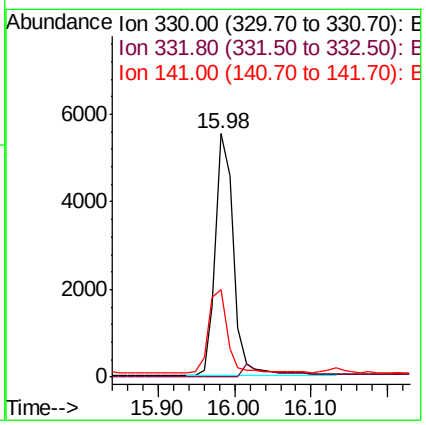


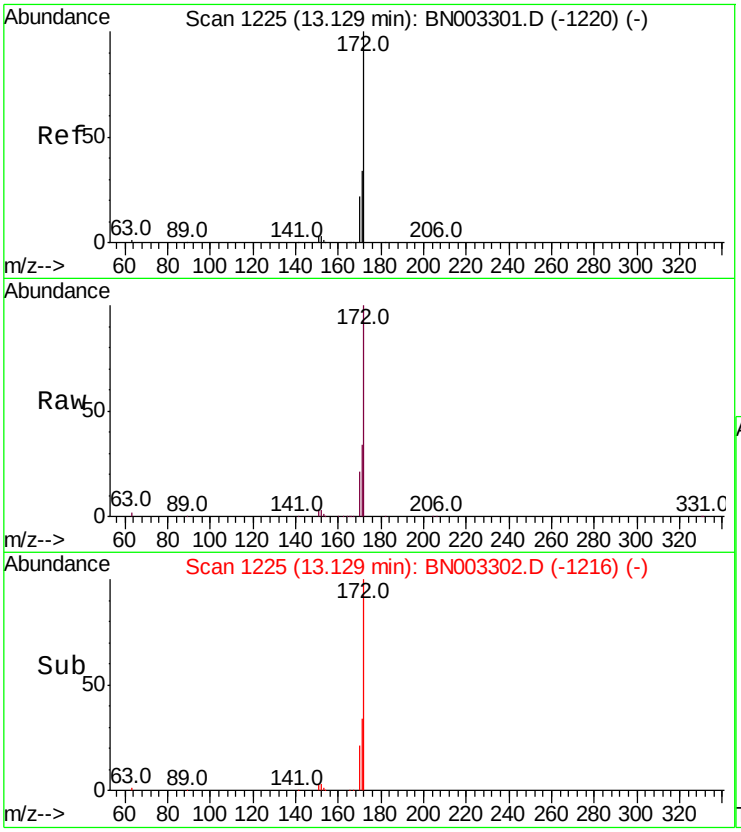


#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:330 Resp: 8888

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	28.3	42.5



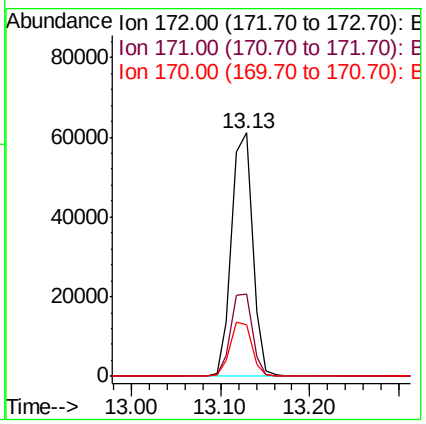


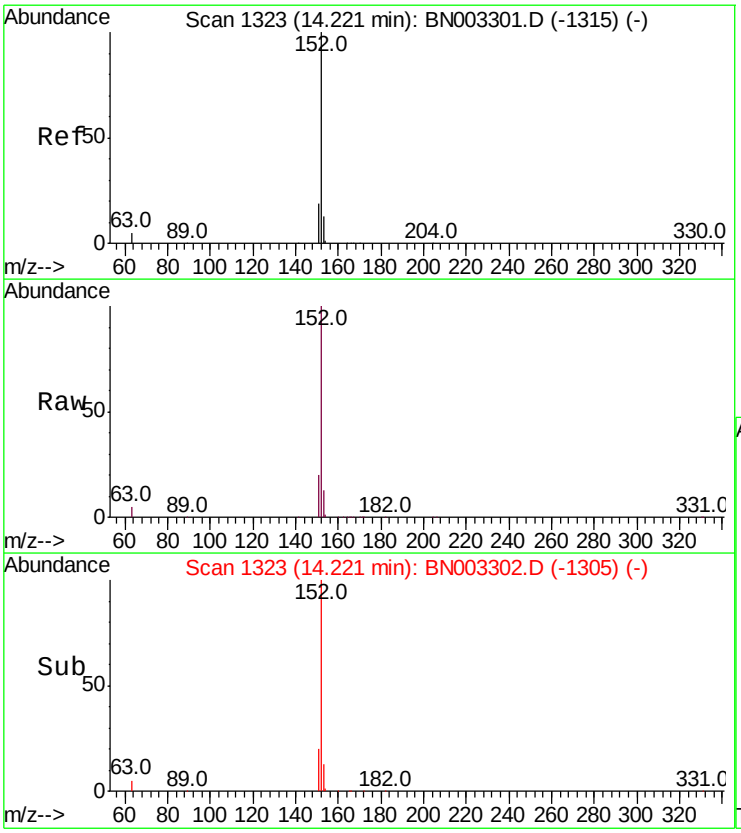
#15
2-Fluorobiphenyl
Concen: 0.854 ng
RT: 13.13 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 100338

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.1	40.7
170	21.4	17.4	26.0

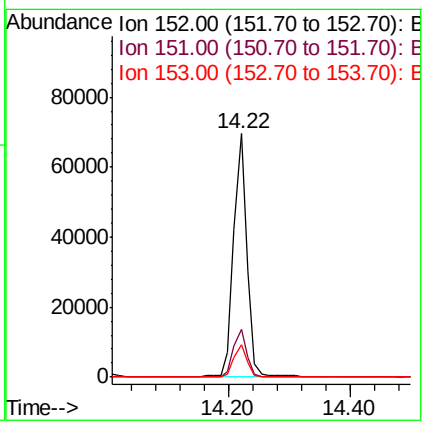


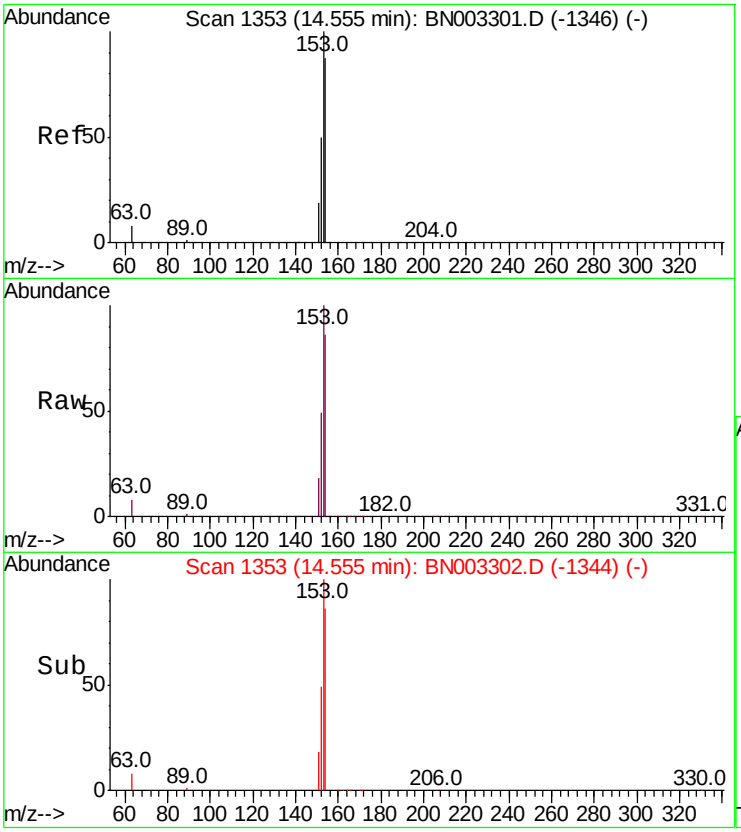


#16
Acenaphthylene
Concen: 0.766 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:152 Resp: 104774

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



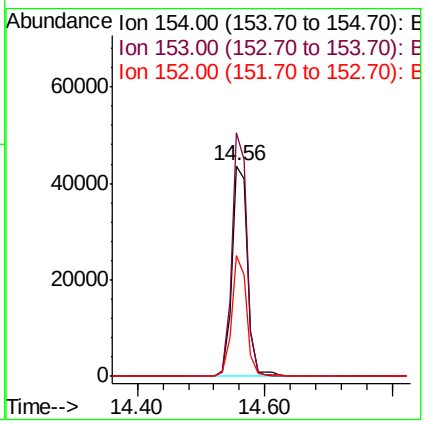


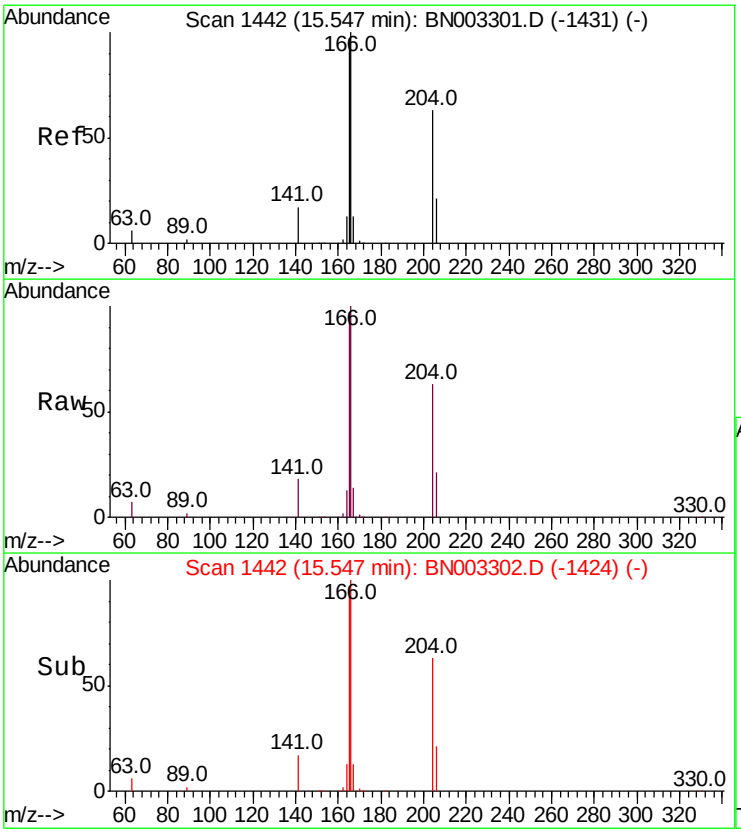
#17
Acenaphthene
Concen: 0.798 ng
RT: 14.56 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 73484

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.9	133.3
152	54.2	43.5	65.3

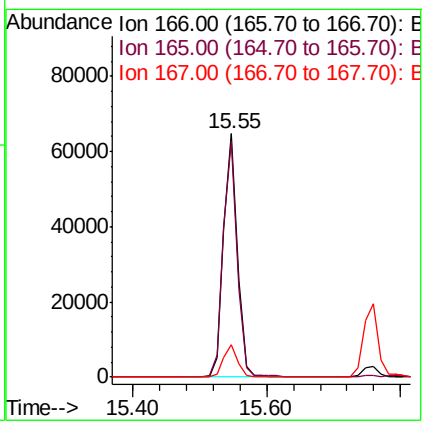


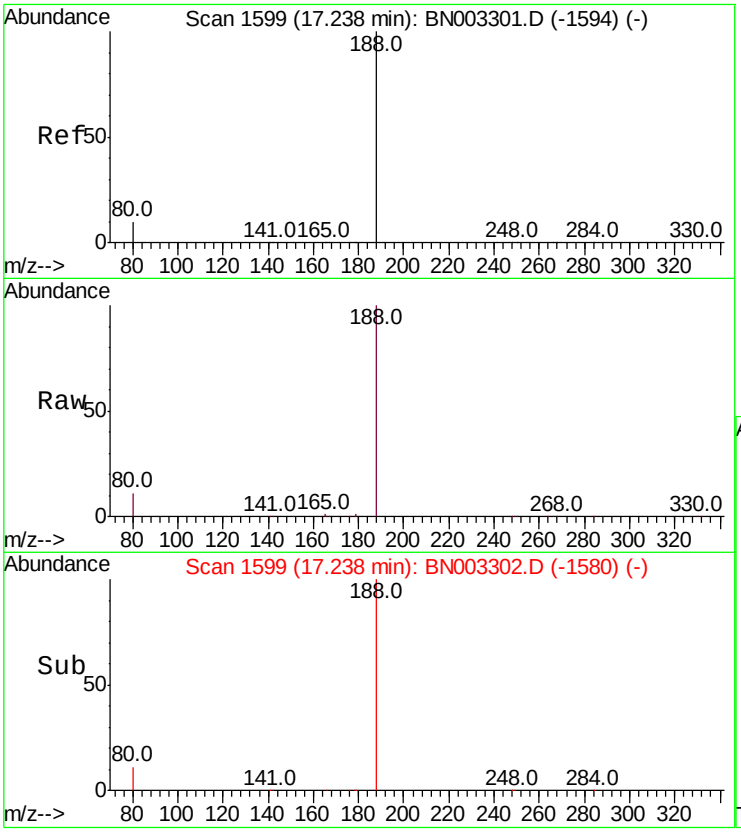


#18
Fluorene
Concen: 0.785 ng
RT: 15.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:166 Resp: 92830

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.4	10.9	16.3



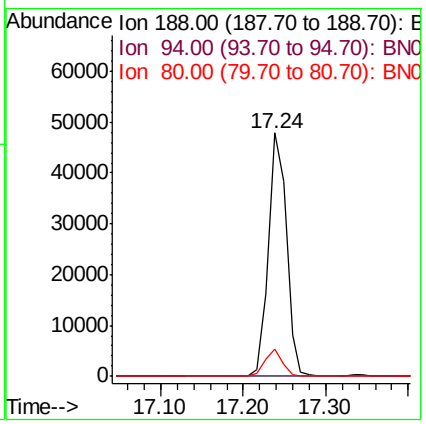


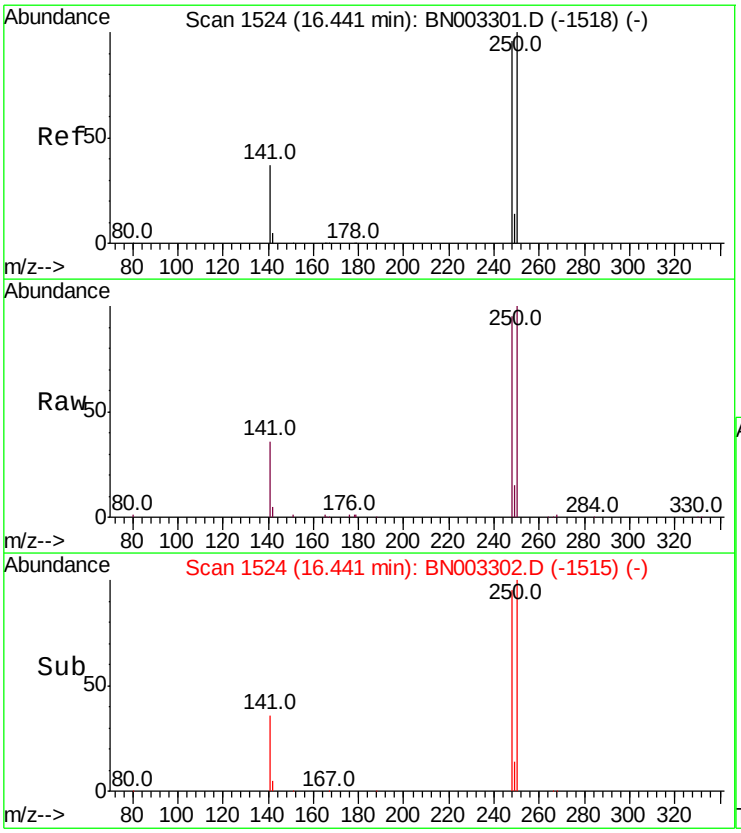
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 72238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.6	12.8

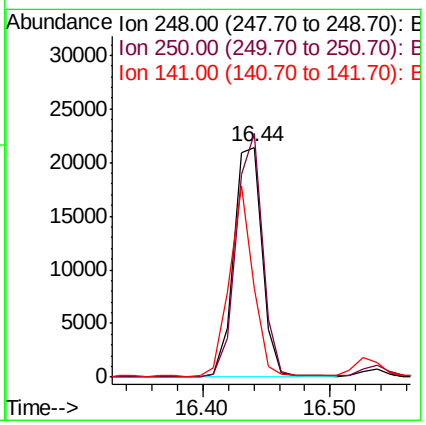


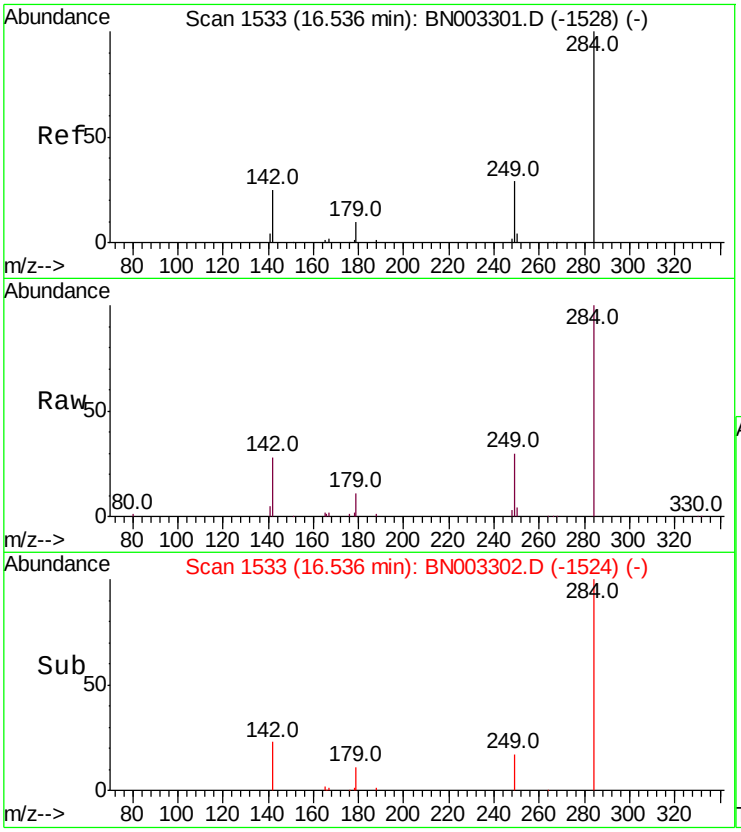


#20
4-Bromophenyl-phenylether
Concen: 0.753 ng
RT: 16.44 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:248 Resp: 33244

Ion	Ratio	Lower	Upper
248	100		
250	105.8	83.7	125.5
141	38.4	31.4	47.0



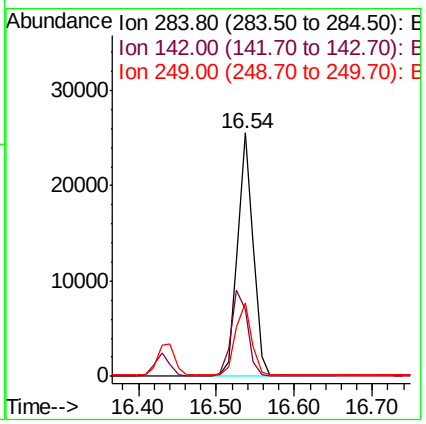


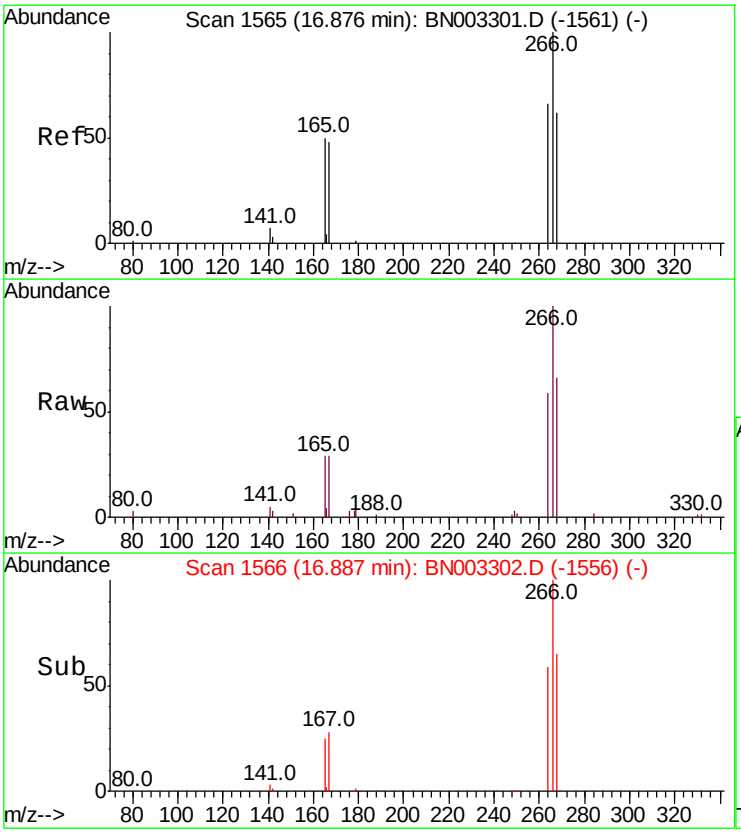
#21
Hexachlorobenzene
Concen: 0.748 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 35122

Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.7	44.5
249	30.4	24.0	36.0

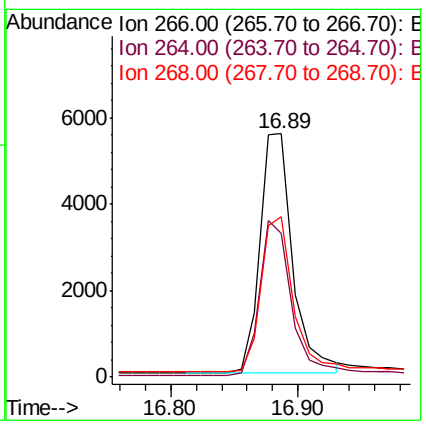


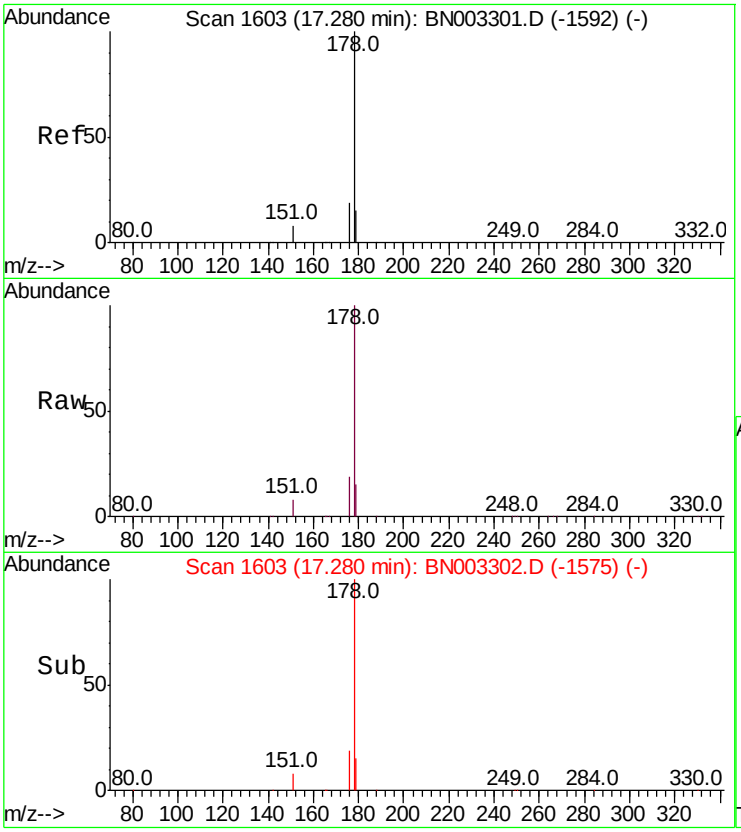


#22
Pentachlorophenol
Concen: 1.636 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:266 Resp: 9896

Ion	Ratio	Lower	Upper
266	100		
264	59.1	52.1	78.1
268	66.1	51.8	77.6



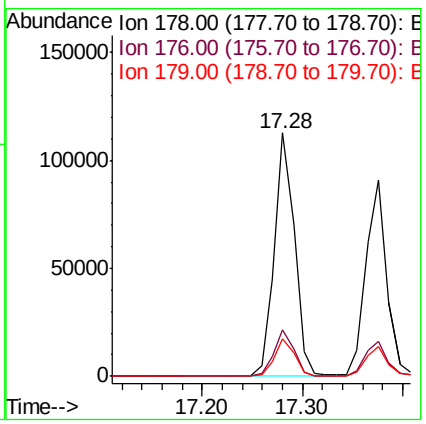


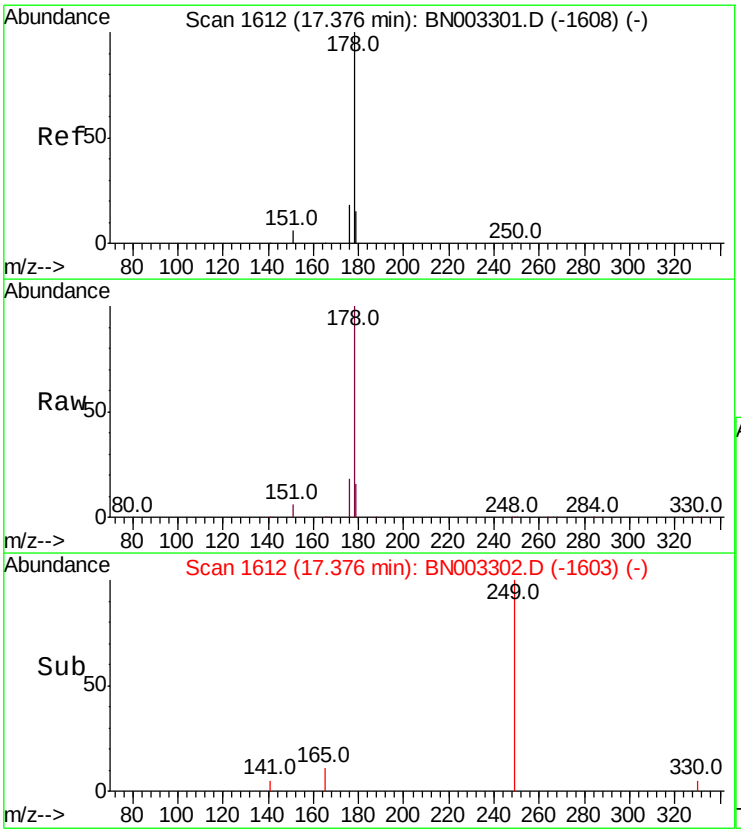
#23
Phenanthrene
Concen: 0.817 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 156265

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.4	18.6

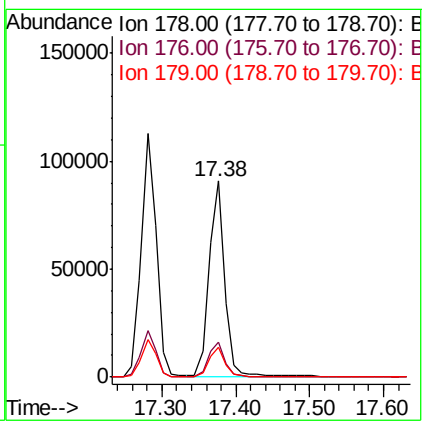


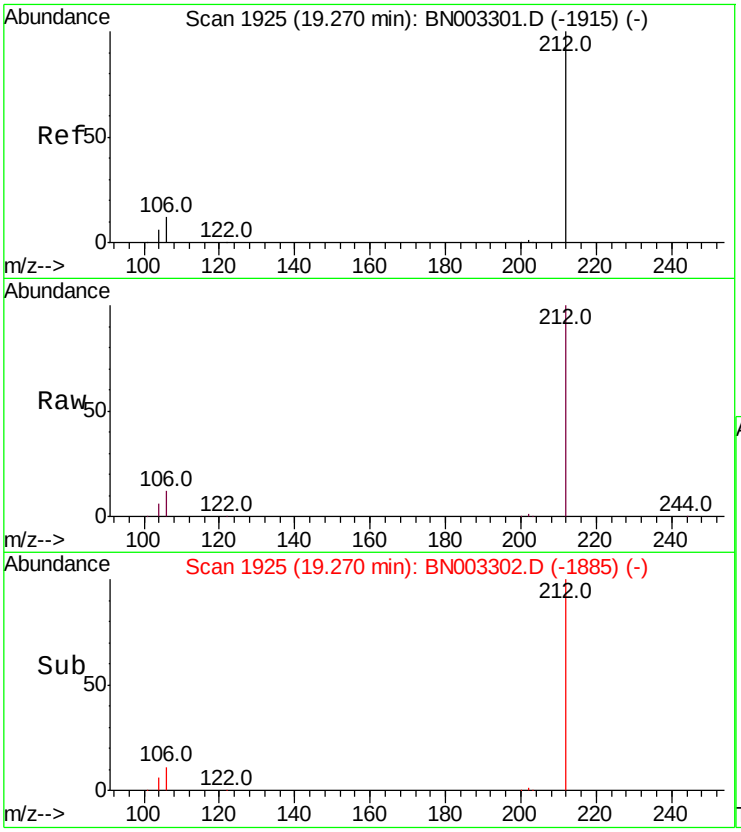


#24
Anthracene
Concen: 0.784 ng
RT: 17.38 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:178 Resp: 133249

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.3	12.2	18.4



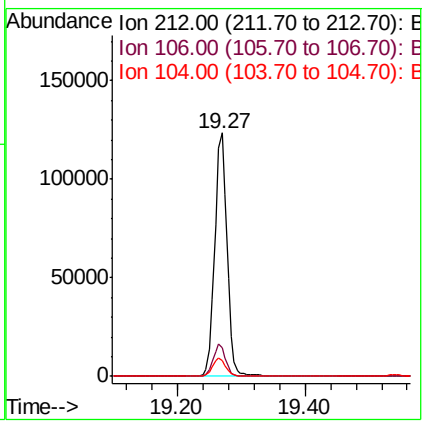


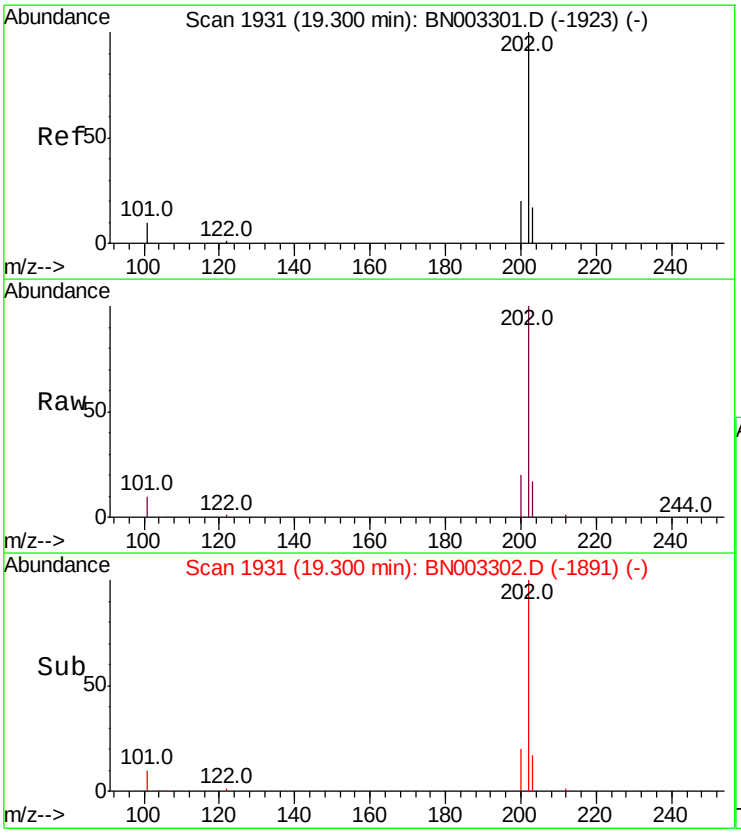
#25
Fluoranthene-d10
Concen: 0.775 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 165772

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.3	15.5
104	7.1	5.6	8.4

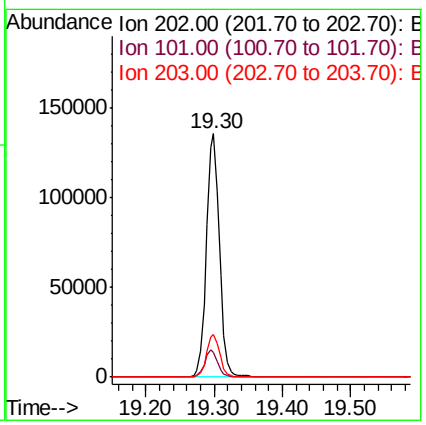


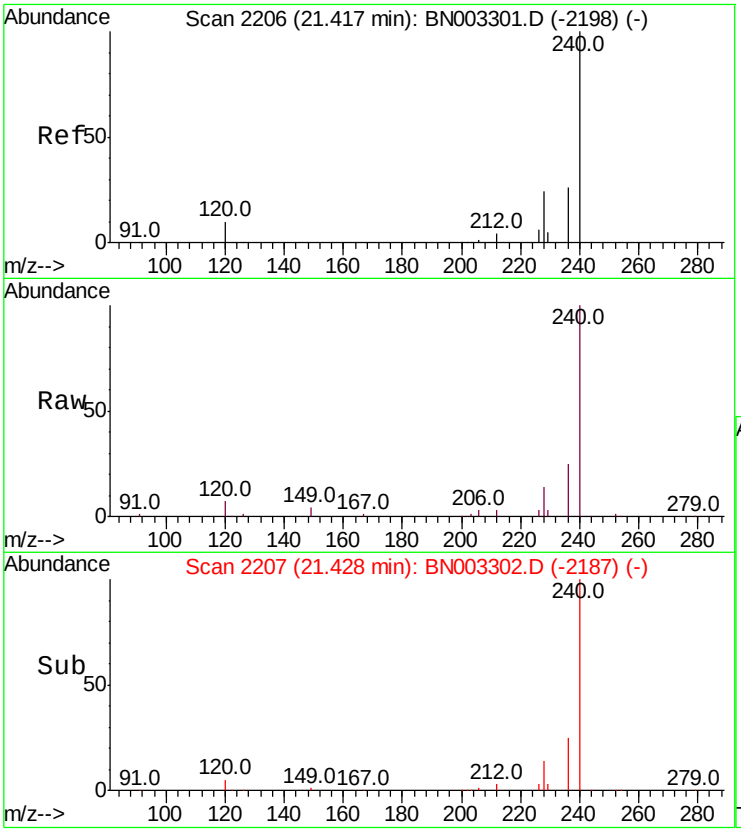


#26
Fluoranthene
Concen: 0.771 ng
RT: 19.30 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:202 Resp: 180736

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.3	13.8	20.6



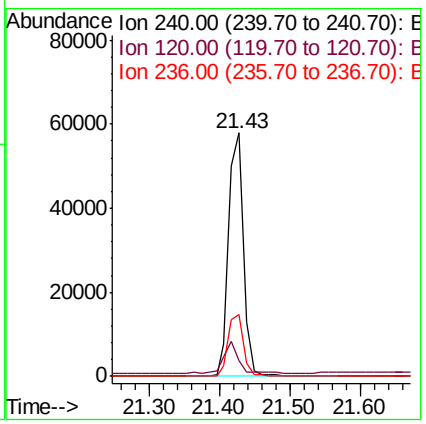


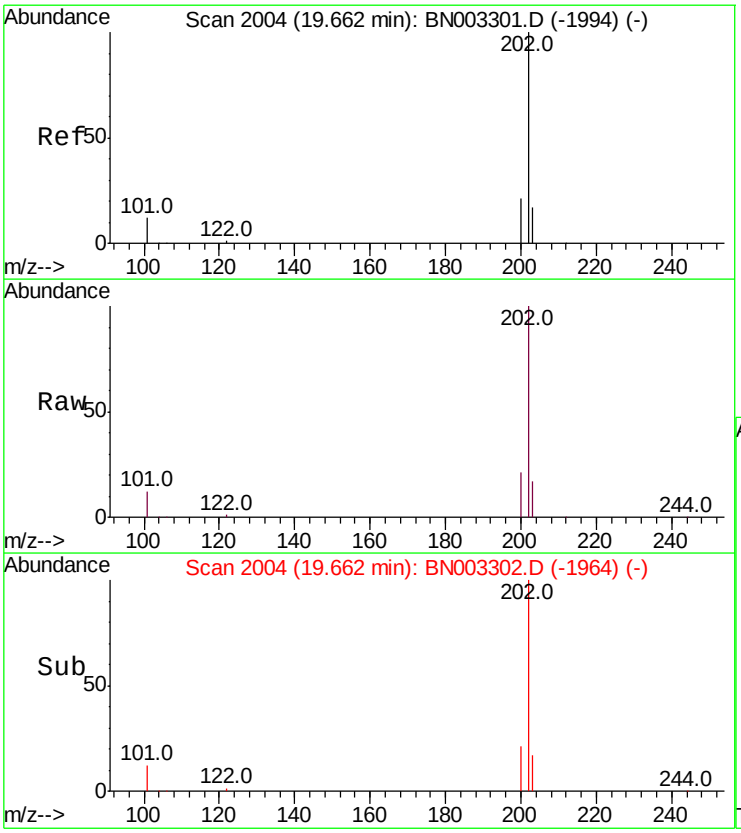
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 83832

Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.3	13.9#
236	25.3	21.0	31.4

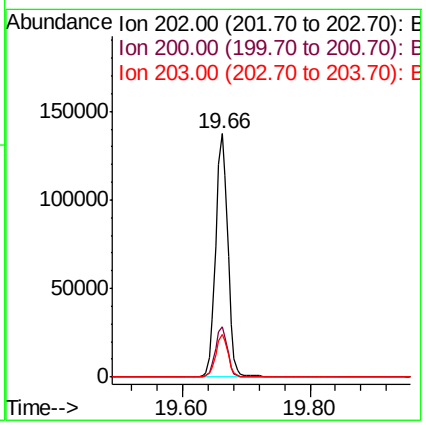


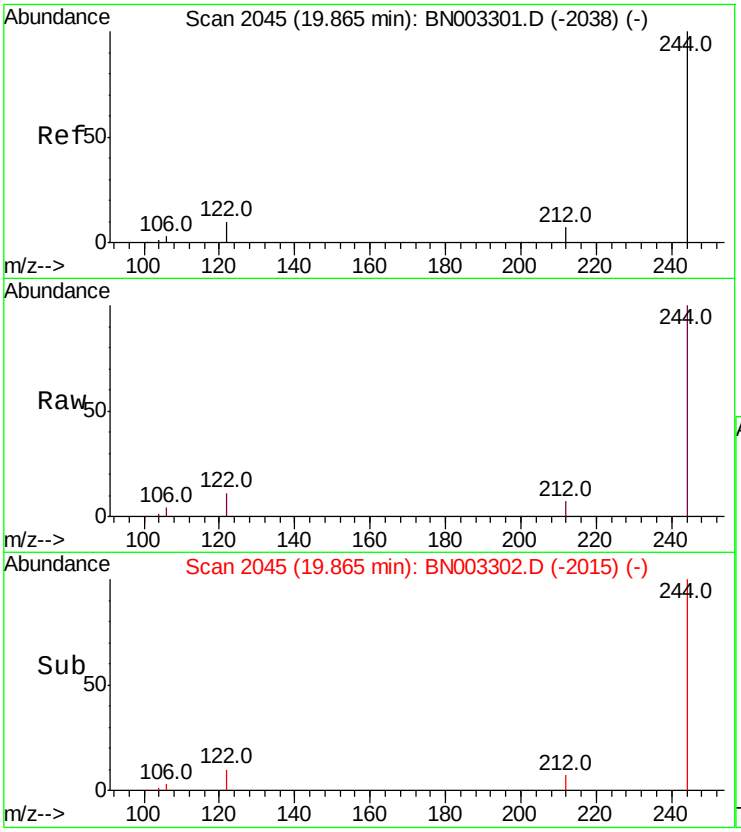


#28
Pyrene
Concen: 0.755 ng
RT: 19.66 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:202 Resp: 182645

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	13.9	20.9



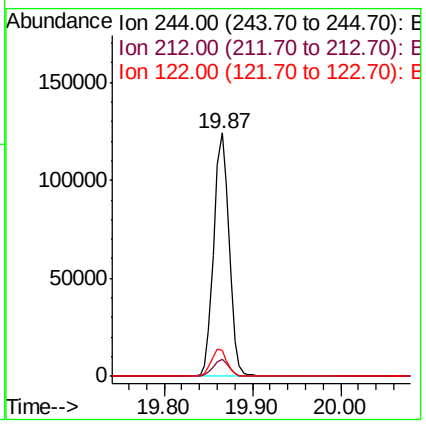


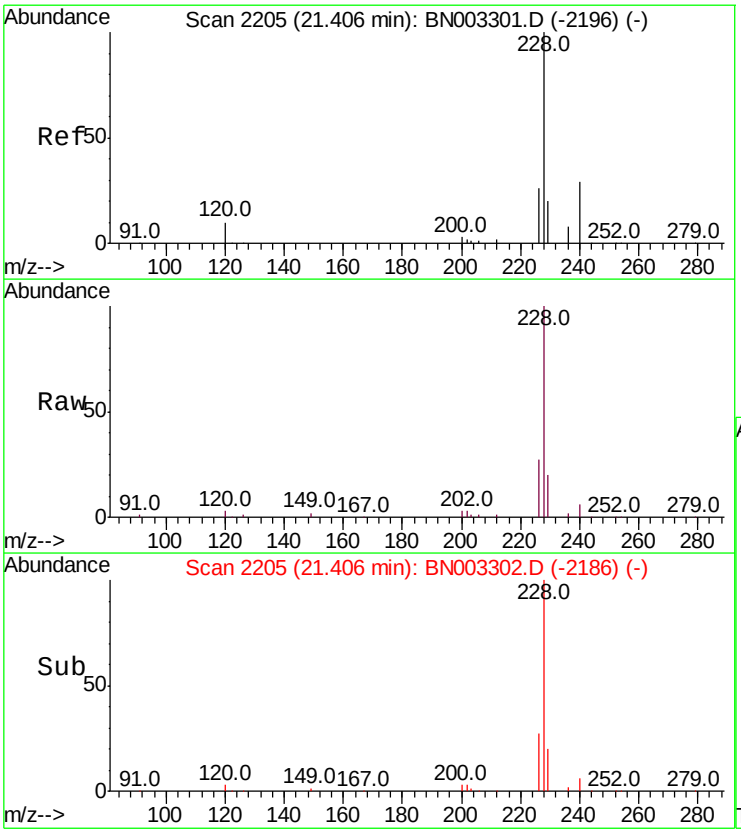
#29
Terphenyl-d14
Concen: 0.760 ng
RT: 19.87 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 149095

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.5	8.5	12.7

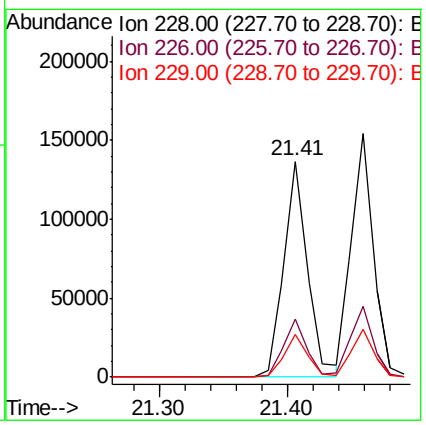


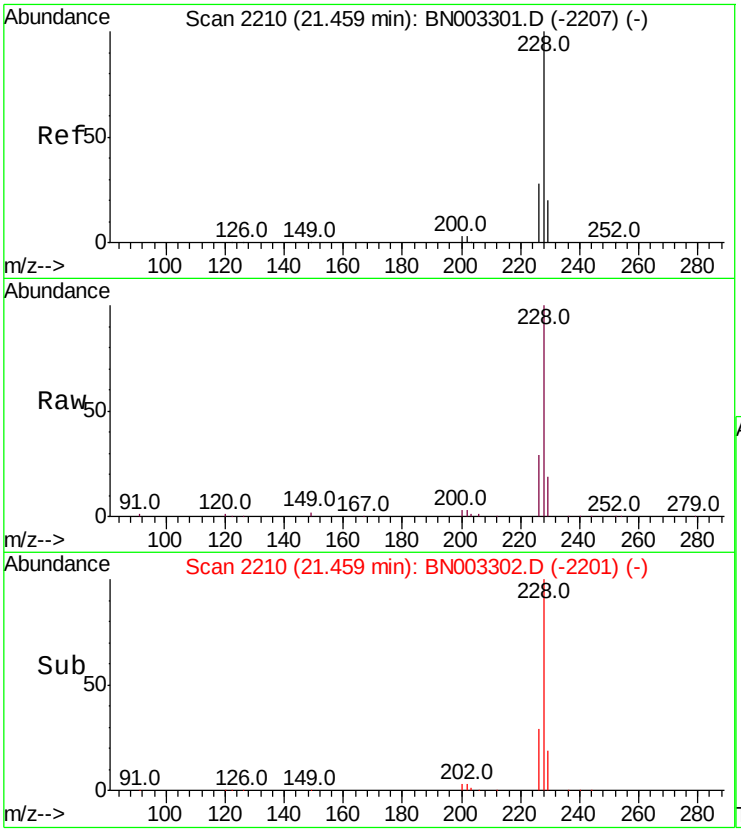


#30
Benzo(a)anthracene
Concen: 0.881 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:228 Resp: 174560

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.6	16.1	24.1



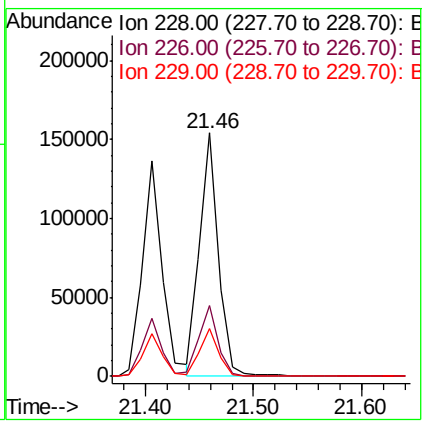


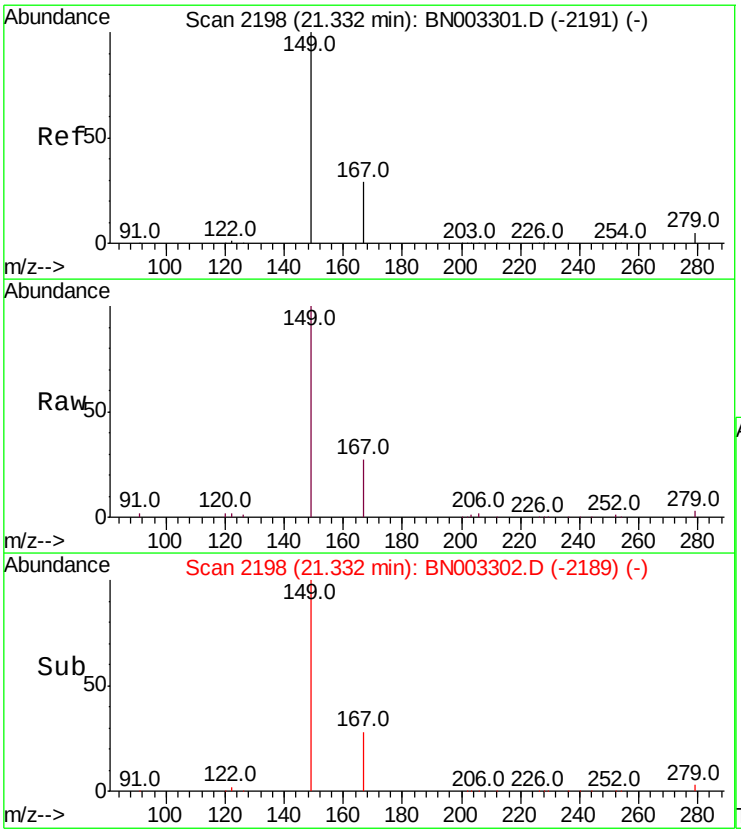
#31
Chrysene
Concen: 0.668 ng
RT: 21.46 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 185032

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	19.5	16.0	24.0

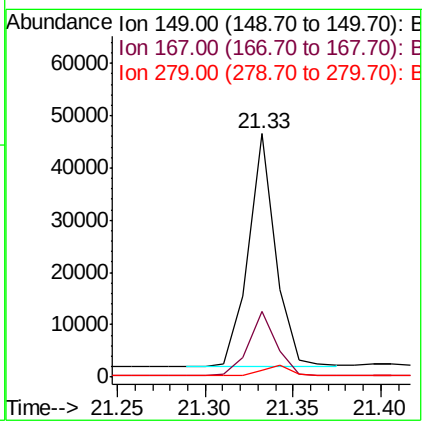


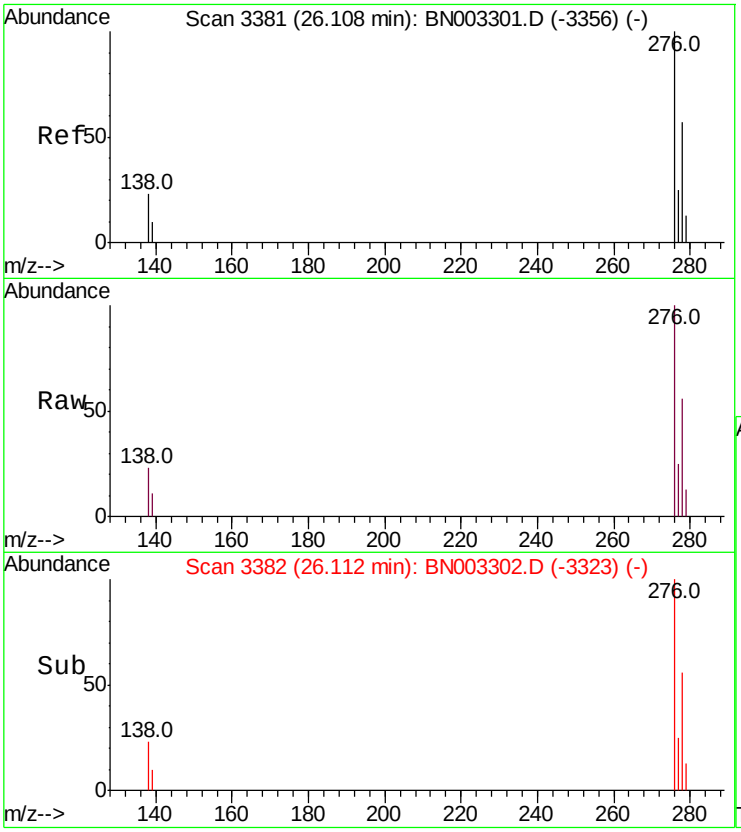


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.33 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:149 Resp: 48348

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.1	3.9	5.9



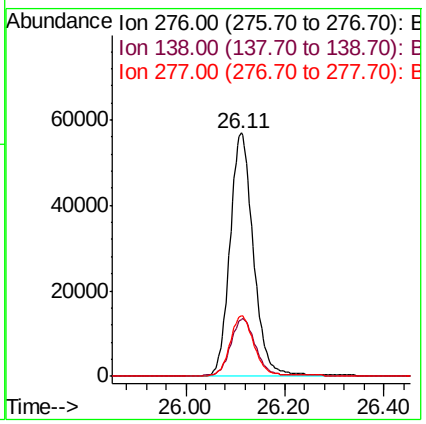


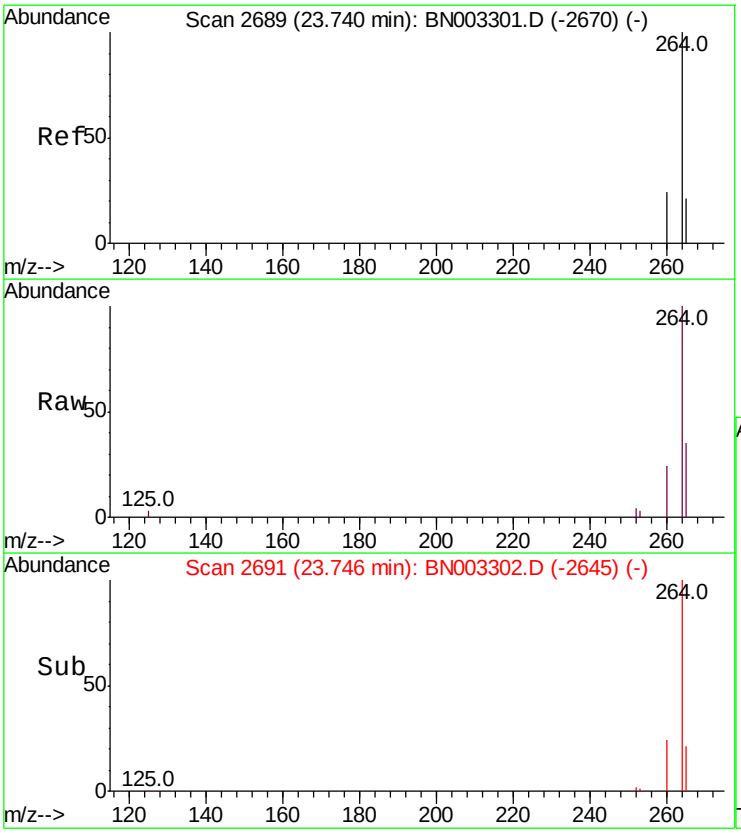
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.781 ng
RT: 26.11 min Scan# 3382
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 185803

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.6	30.8
277	25.0	20.0	30.0

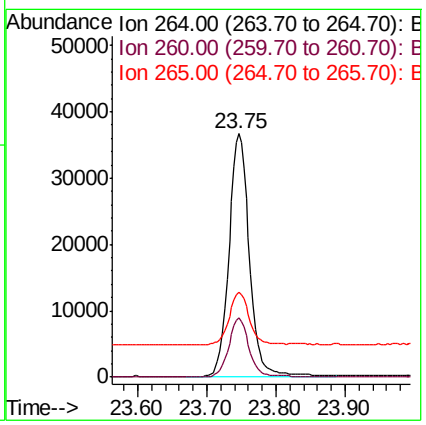


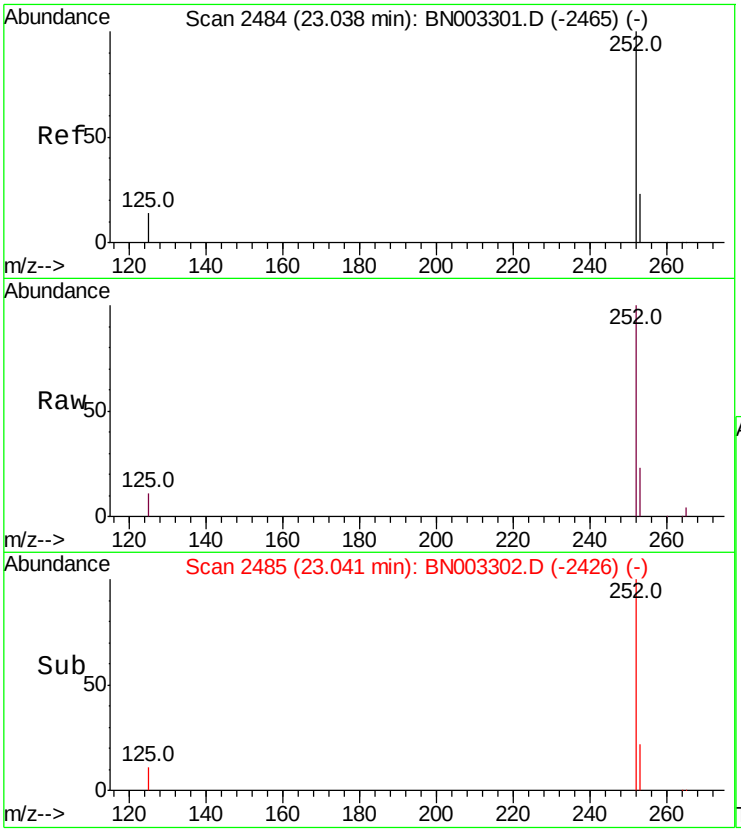


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2691
Delta R.T. 0.01 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:264 Resp: 74448

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	34.6	26.4	39.6



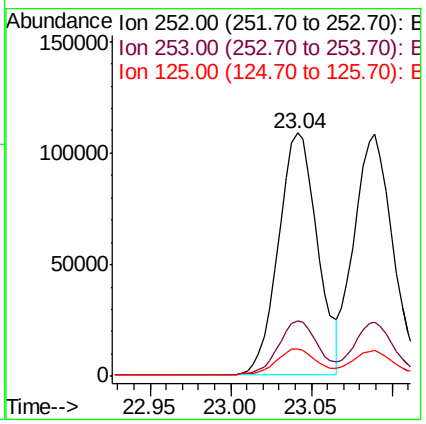


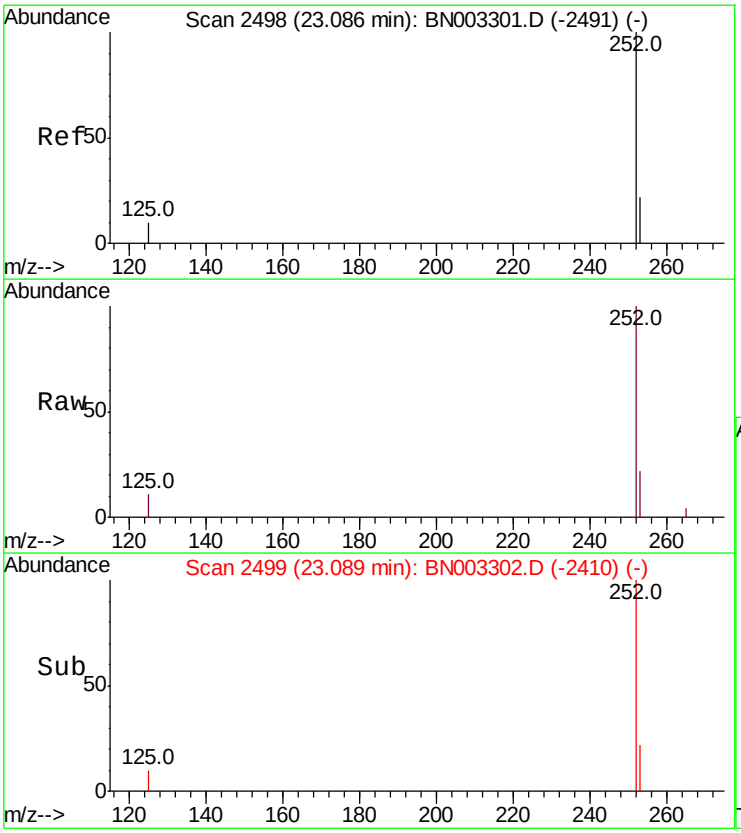
#35
Benzo(b)fluoranthene
Concen: 0.913 ng
RT: 23.04 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 182591

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.3	28.9
125	11.4	12.7	19.1#

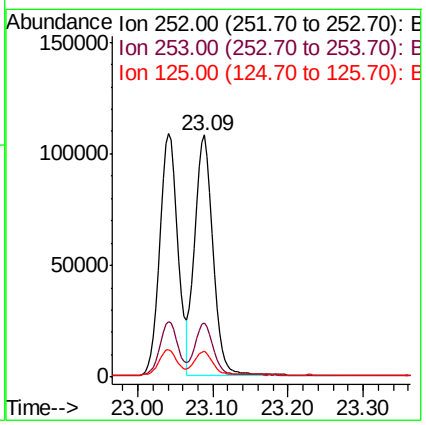


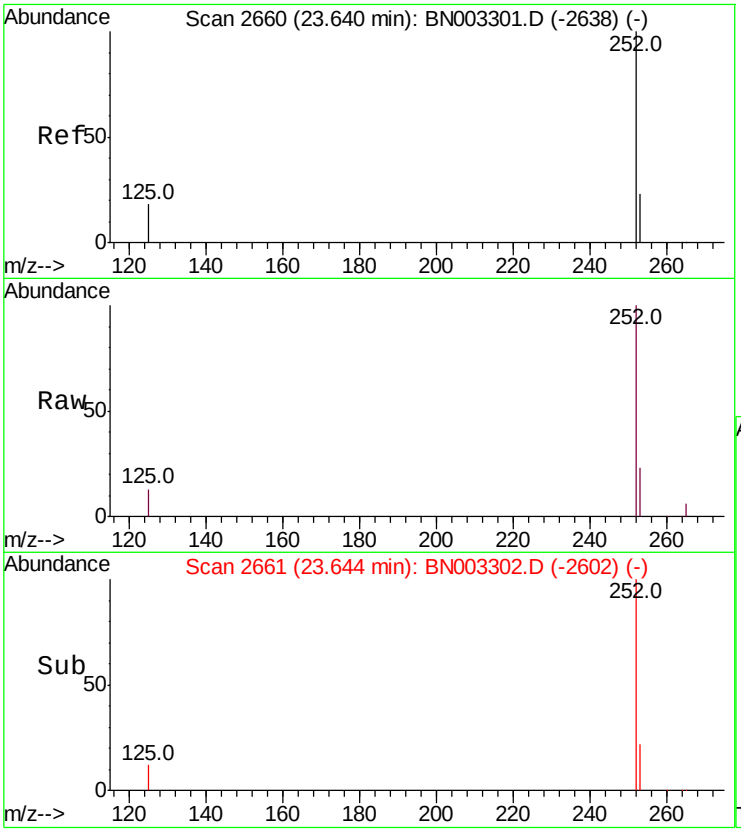


#36
Benzo(k)fluoranthene
Concen: 0.756 ng
RT: 23.09 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:252 Resp: 183722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	10.7	9.1	13.7



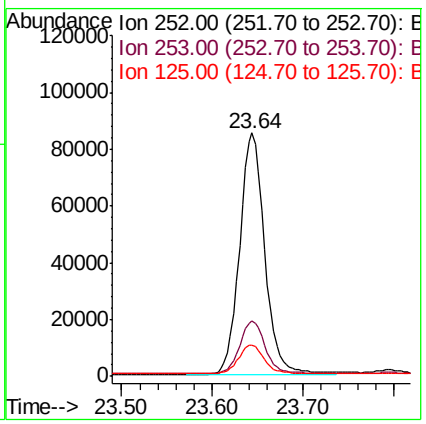


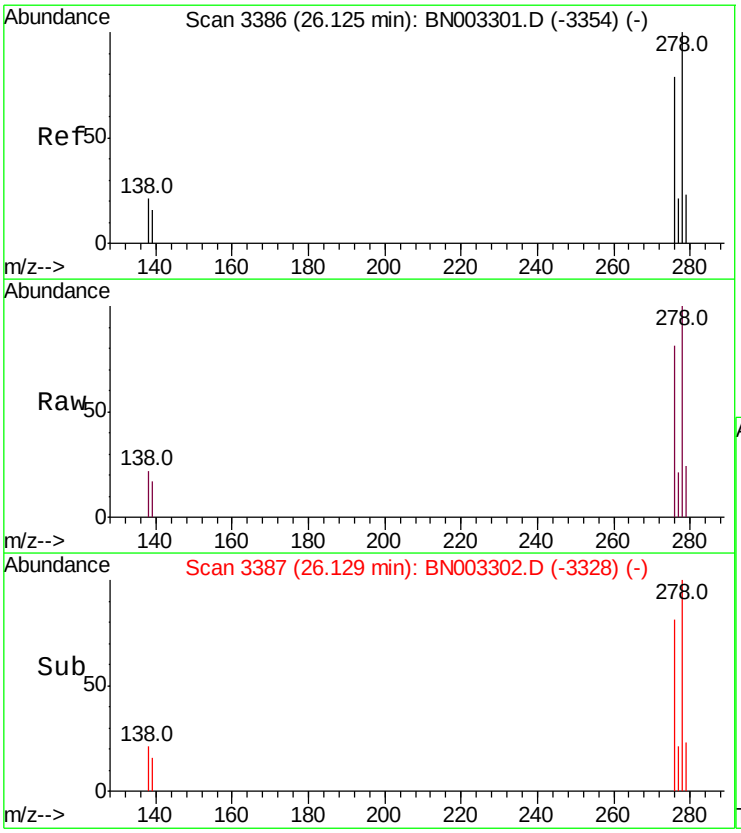
#37
Benzo(a)pyrene
Concen: 0.781 ng
RT: 23.64 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 163624

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.1	30.1
125	12.9	16.0	24.0#

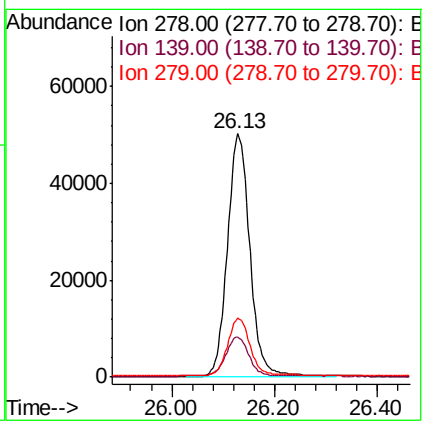


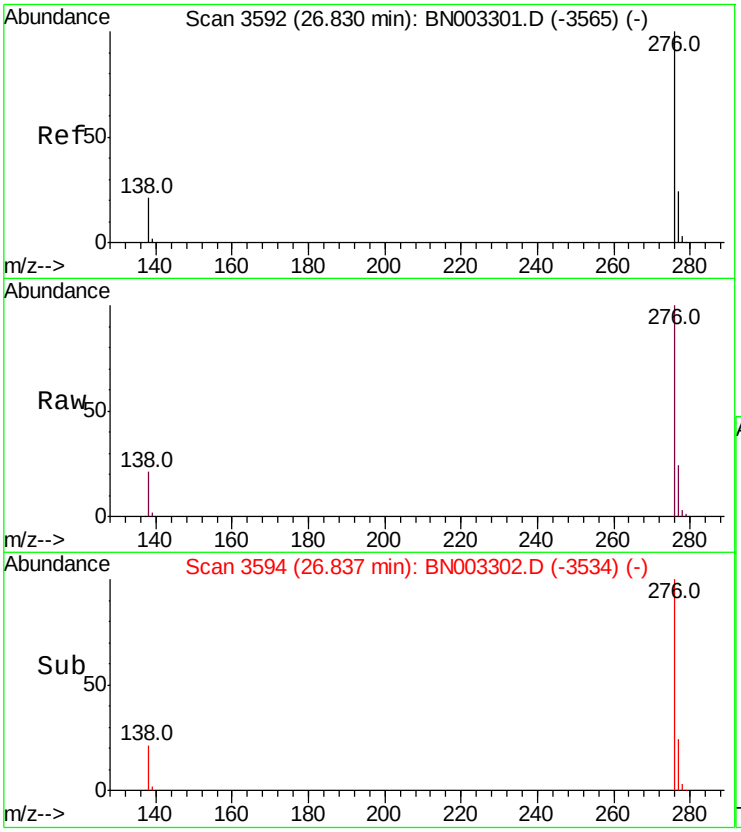


#38
Dibenzo(a,h)anthracene
Concen: 0.836 ng
RT: 26.13 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Tgt Ion:278 Resp: 152546

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	24.2	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.827 ng
RT: 26.84 min Scan# 3594
Delta R.T. 0.01 min
Lab File: BN003302.D
Acq: 26 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 153899

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	21.4	17.4	26.2