Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007627.D
Acq On : 13 Sep 2019 15:15
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 14 02:59:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8087	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	31303	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	17362	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	34881	0.40	ng		0.00
27) Chrysene-d12	21.27	240	33903	0.40	ng		-0.01
34) Perylene-d12	23.50	264	34353	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	8672	0.33	ng		0.00
5) Phenol-d6	6.89	99	11217	0.36	ng		0.00
8) Nitrobenzene-d5	8.86	82	9570	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	22008	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1941	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	30609	0.40	ng		0.00
25) Fluoranthene-d10	19.11	212	44868	0.41	ng		0.00
29) Terphenyl-d14	19.72	244	37806	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	3730	0.385	ng		99
3) n-Nitrosodimethylamine	3.03	42	2553	0.581	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	8607	0.363	ng		96
9) Naphthalene	10.53	128	38196	0.426	ng		99
10) Hexachlorobutadiene	10.84	225	7563	0.418	ng	#	100
12) 2-Methylnaphthalene	12.15	142	25271	0.419	ng		100
16) Acenaphthylene	14.06	152	32761	0.363	ng		100
17) Acenaphthene	14.40	154	22870	0.388	ng		99
18) Fluorene	15.38	166	28842	0.388	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	9251	0.429	ng	#	89
21) Hexachlorobenzene	16.39	284	9985	0.433	ng		99
22) Pentachlorophenol	16.73	266	2067	0.345	ng		95
23) Phenanthrene	17.12	178	47076	0.428	ng		100
24) Anthracene	17.21	178	38909	0.399	ng		99
26) Fluoranthene	19.14	202	53033	0.412	ng		100
28) Pyrene	19.50	202	52638	0.427	ng		100
30) Benzo(a)anthracene	21.26	228	45690	0.380	ng		99
31) Chrysene	21.31	228	53983	0.432	ng		98
32) Bis(2-ethylhexyl)phthalate	21.21	149	12735	0.313	ng		99
33) Indeno(1,2,3-cd)pyrene	25.71	276	58823	0.440	ng		99
35) Benzo(b)fluoranthene	22.83	252	49775	0.399	ng		99
36) Benzo(k)fluoranthene	22.88	252	52994	0.415	ng		98
37) Benzo(a)pyrene	23.40	252	42054	0.380	ng		98
38) Dibenzo(a,h)anthracene	25.73	278	48248	0.416	ng		100
39) Benzo(g,h,i)perylene	26.38	276	46071	0.402	ng		98

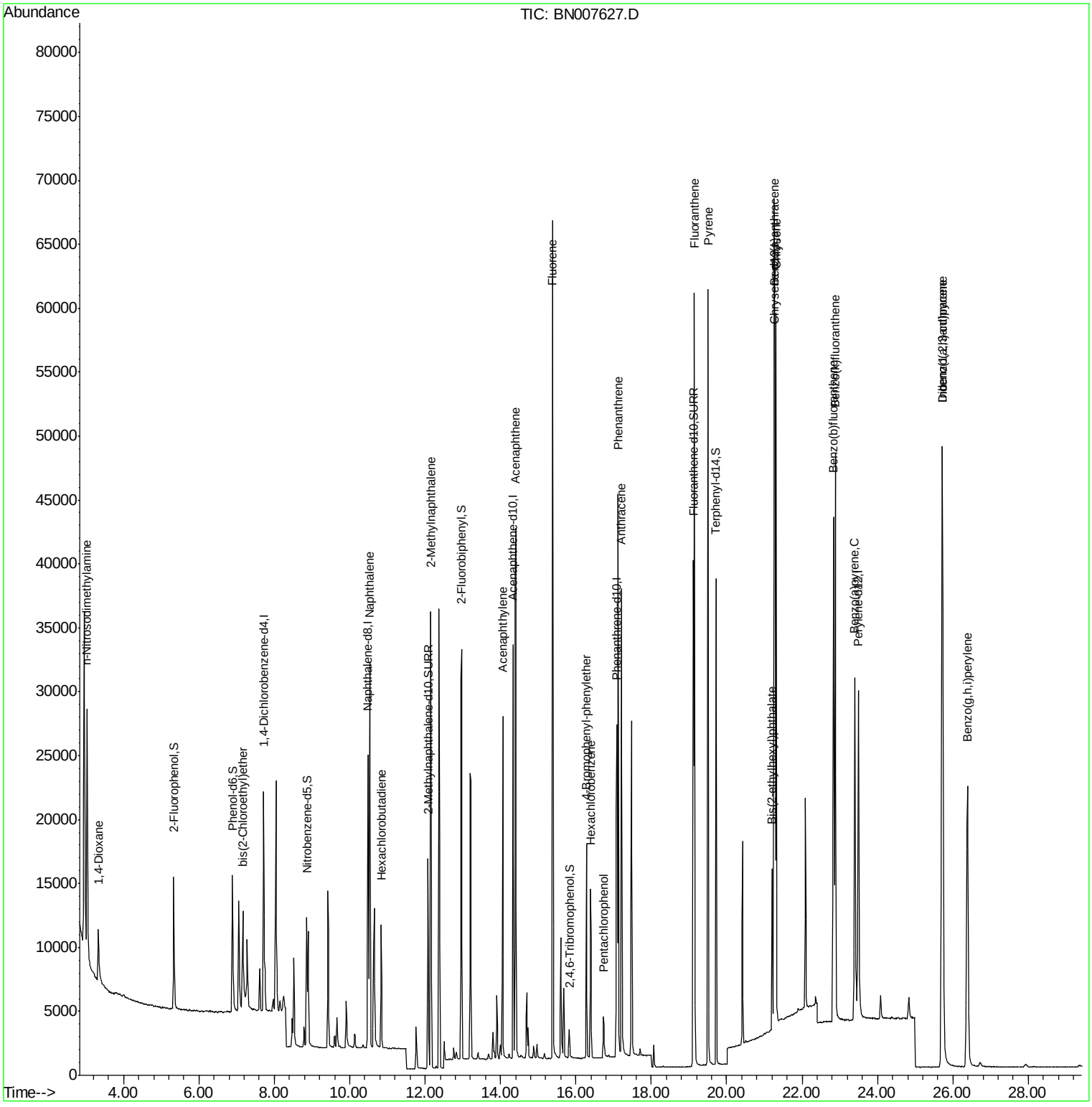
(#) = qualifier out of range (m) = manual integration (+) = signals summed

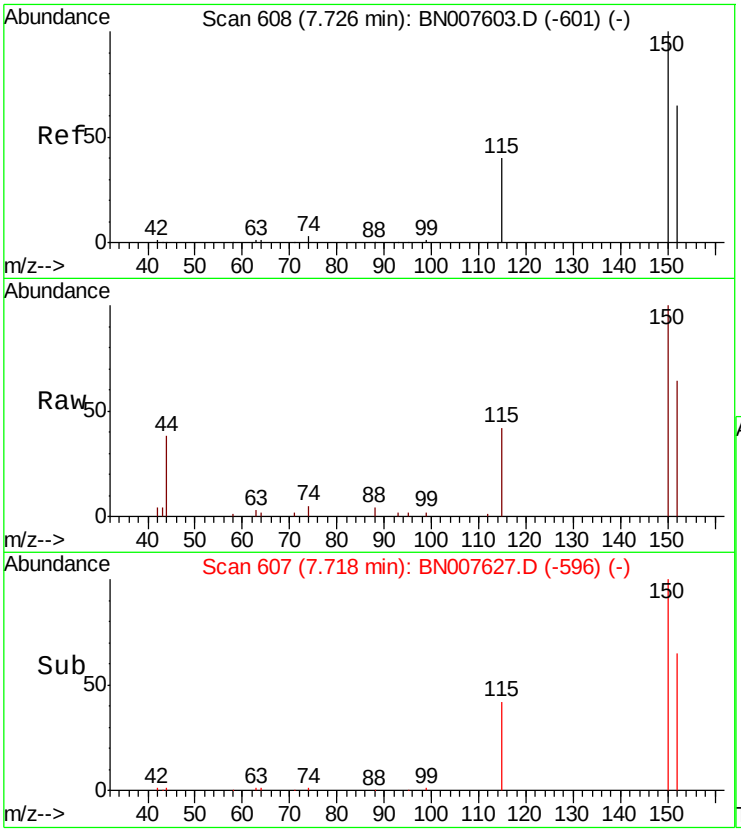
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007627.D
Acq On : 13 Sep 2019 15:15
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 14 02:59:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



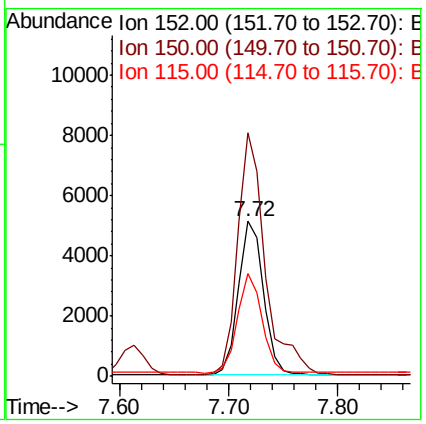


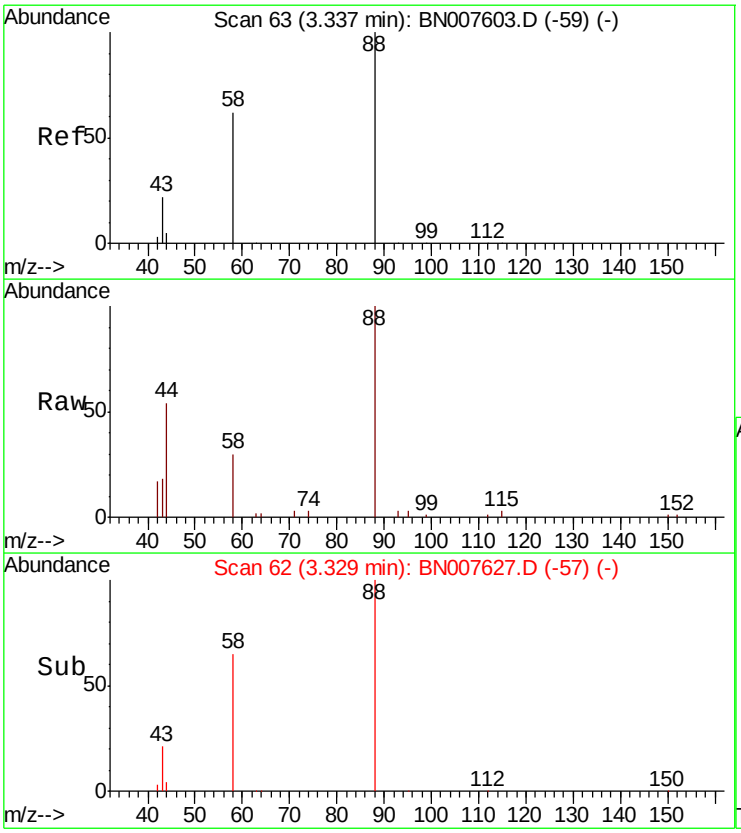
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8087

Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.4	183.6
115	66.4	50.4	75.6

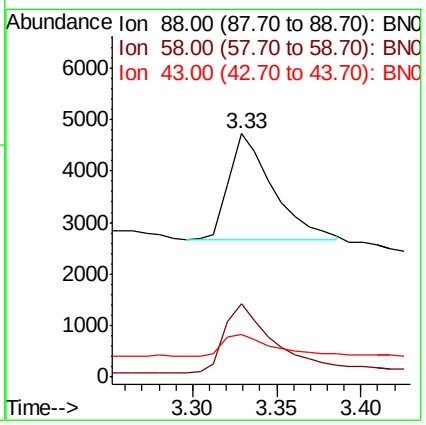


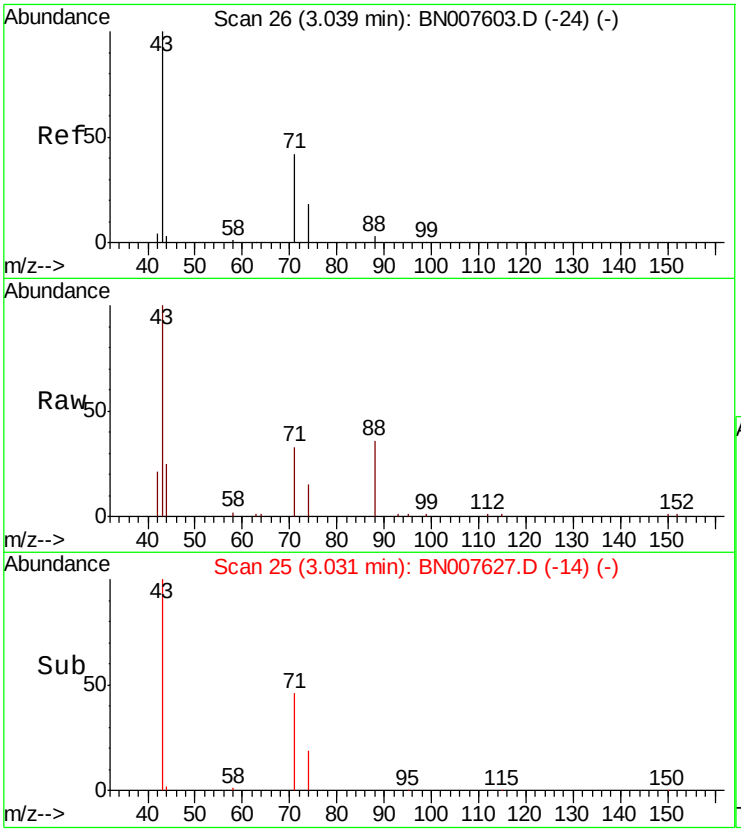


#2
1,4-Dioxane
Concen: 0.385 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion: 88 Resp: 3730

Ion	Ratio	Lower	Upper
88	100		
58	72.5	57.0	85.4
43	24.8	20.0	30.0



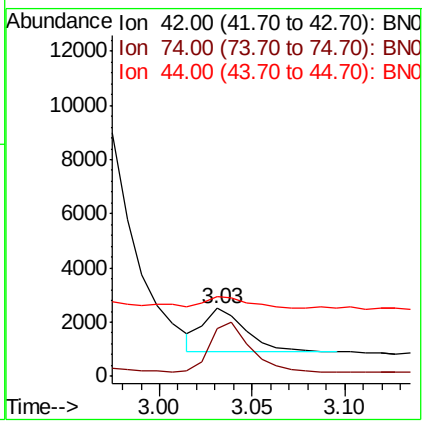


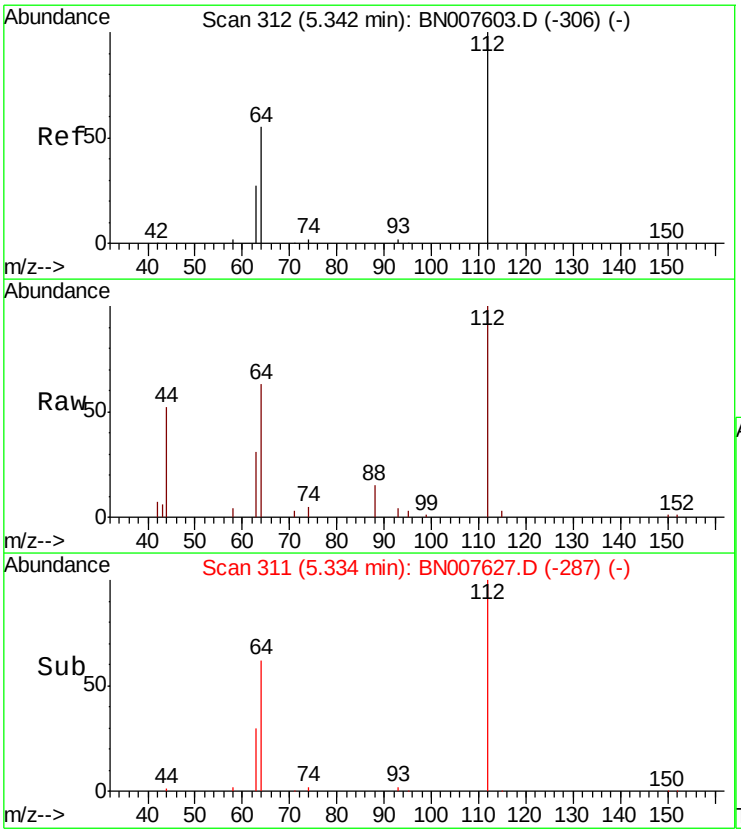
#3
n-Nitrosodimethylamine
Concen: 0.581 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2553

Ion	Ratio	Lower	Upper
42	100		
74	109.8	9.8	14.8#
44	25.2	0.0	0.0#

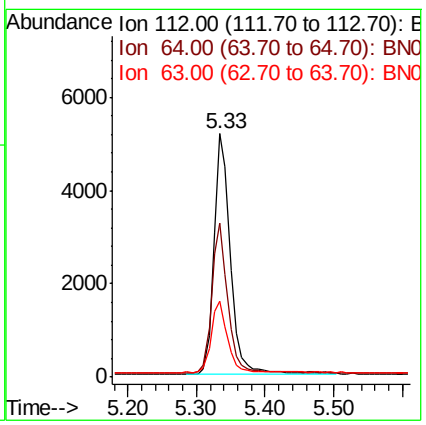


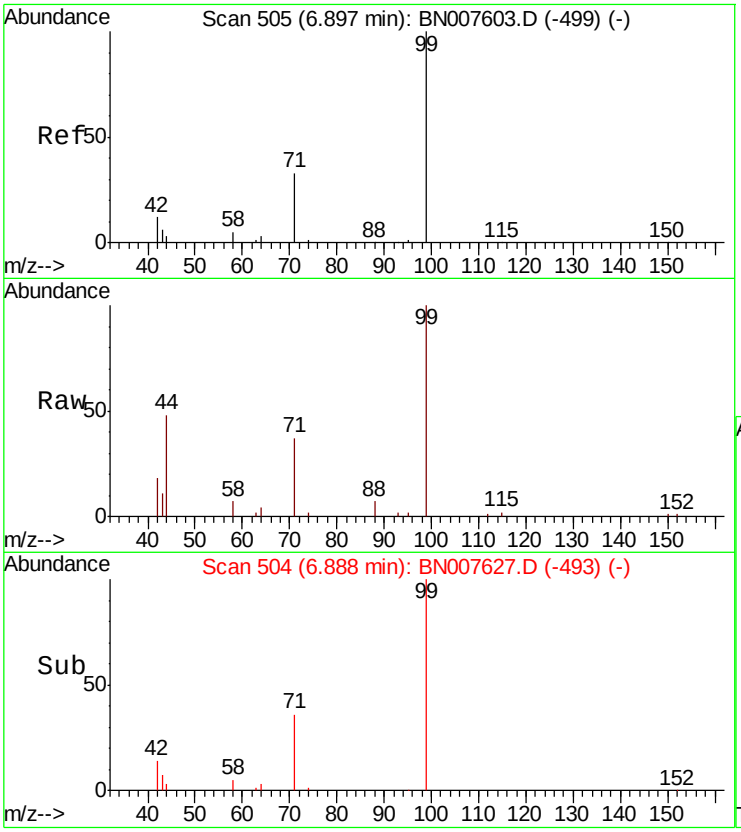


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:112 Resp: 8672

Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.5	72.7
63	30.6	24.4	36.6



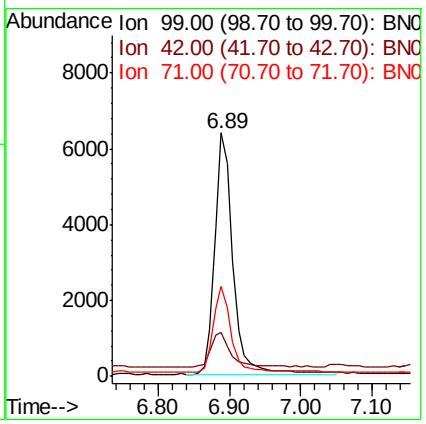


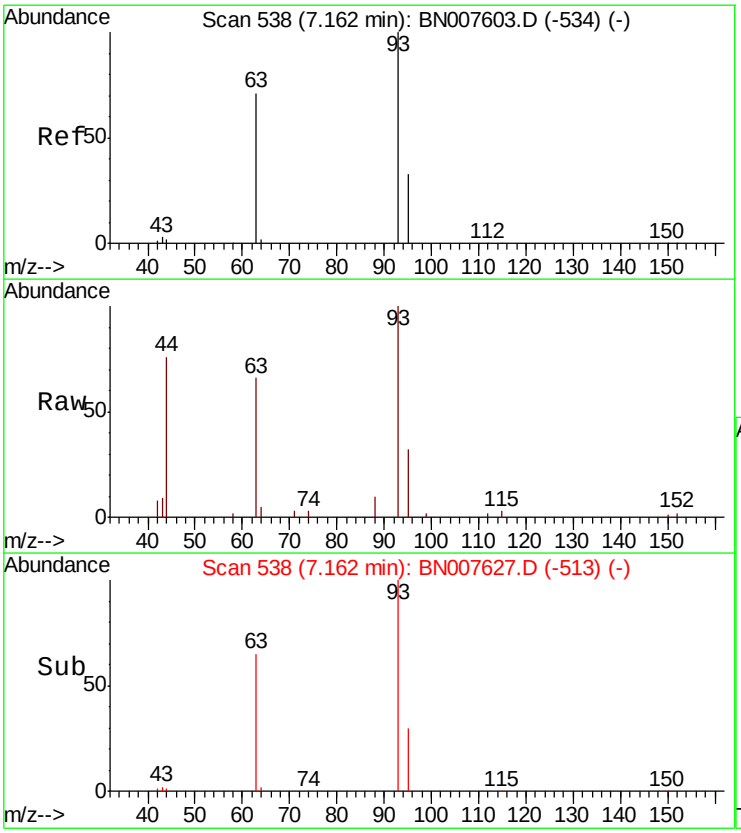
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 11217

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.8	17.6
71	35.3	28.0	42.0

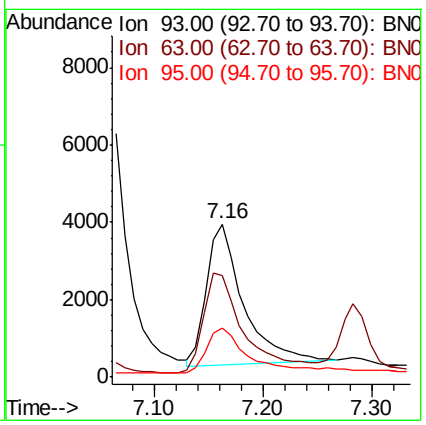


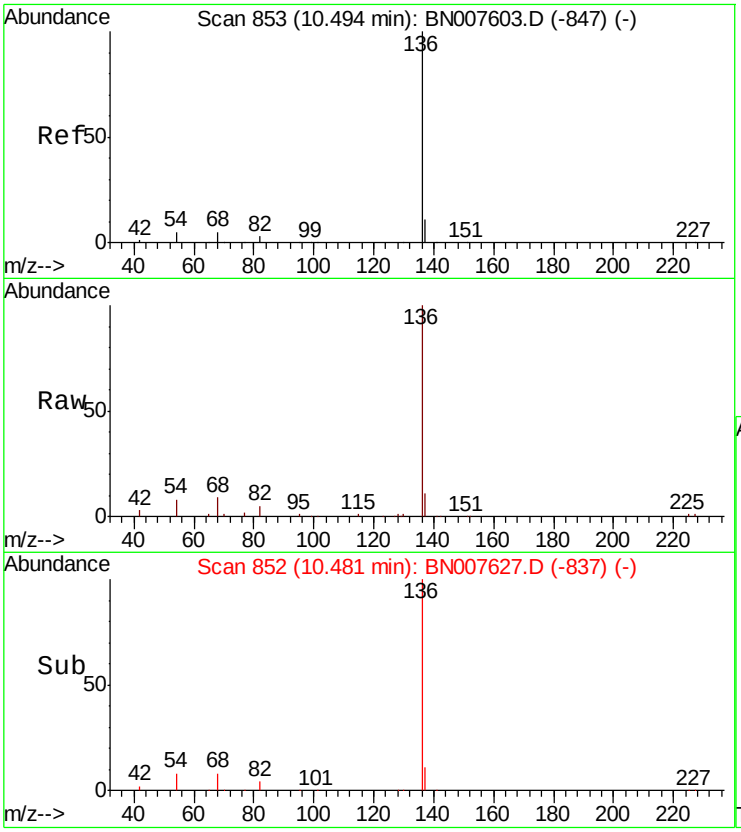


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion: 93 Resp: 8607

Ion	Ratio	Lower	Upper
93	100		
63	78.5	61.2	91.8
95	38.9	27.2	40.8



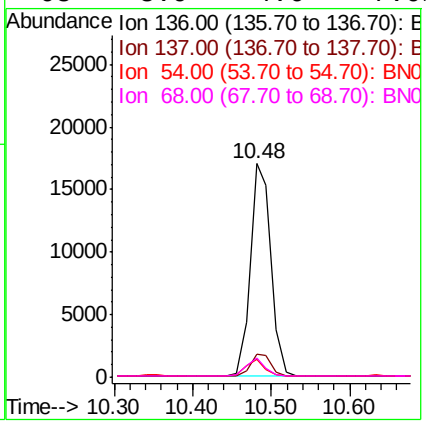


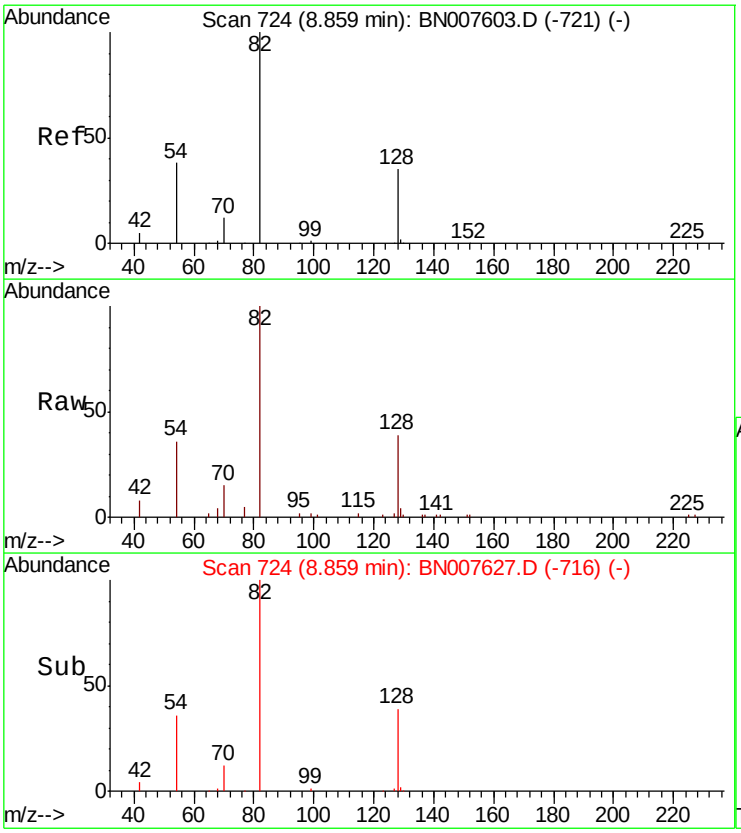
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 31303

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	4.2	6.4#
68	8.9	4.6	7.0#

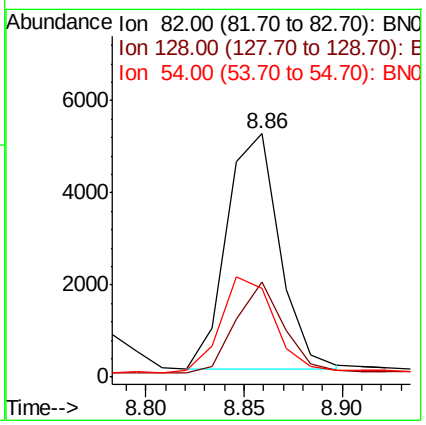


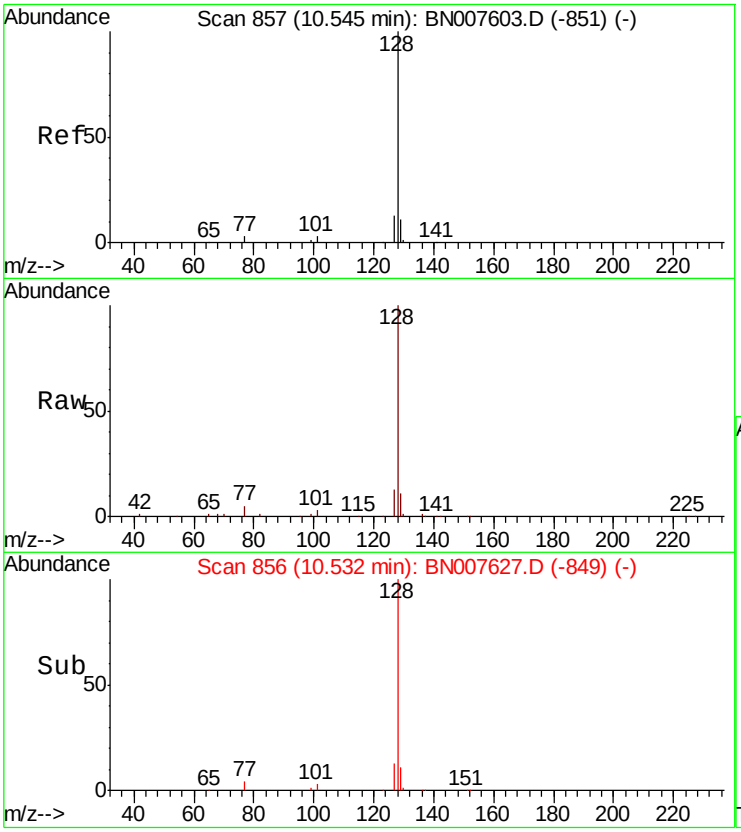


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion: 82 Resp: 9570

Ion	Ratio	Lower	Upper
82	100		
128	39.3	27.9	41.9
54	36.4	30.9	46.3



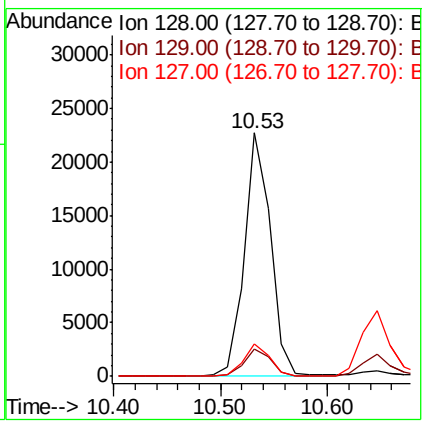


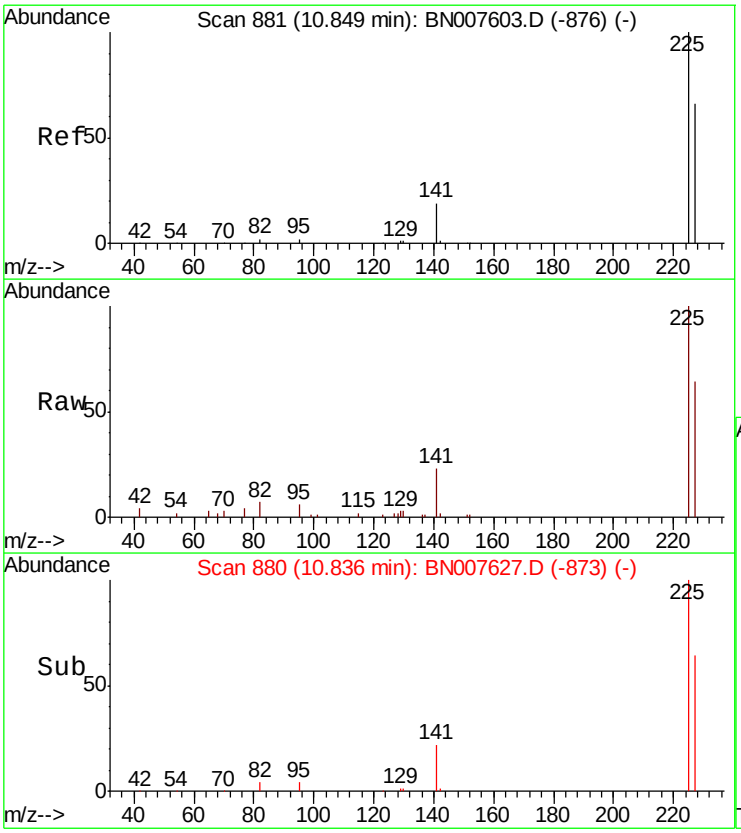
#9
Naphthalene
Concen: 0.426 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 38196

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	10.4	15.6

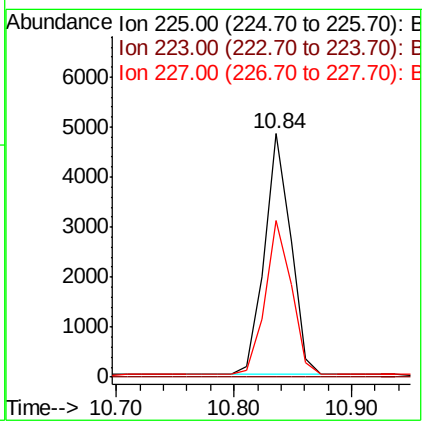


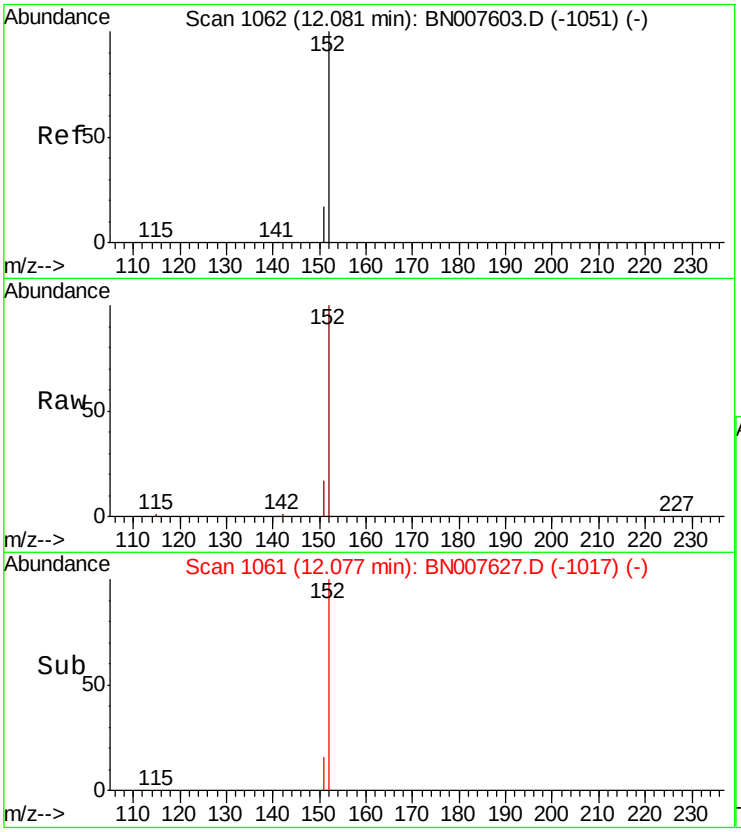


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:225 Resp: 7563

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



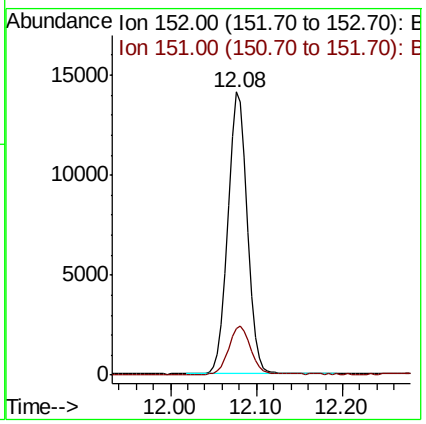


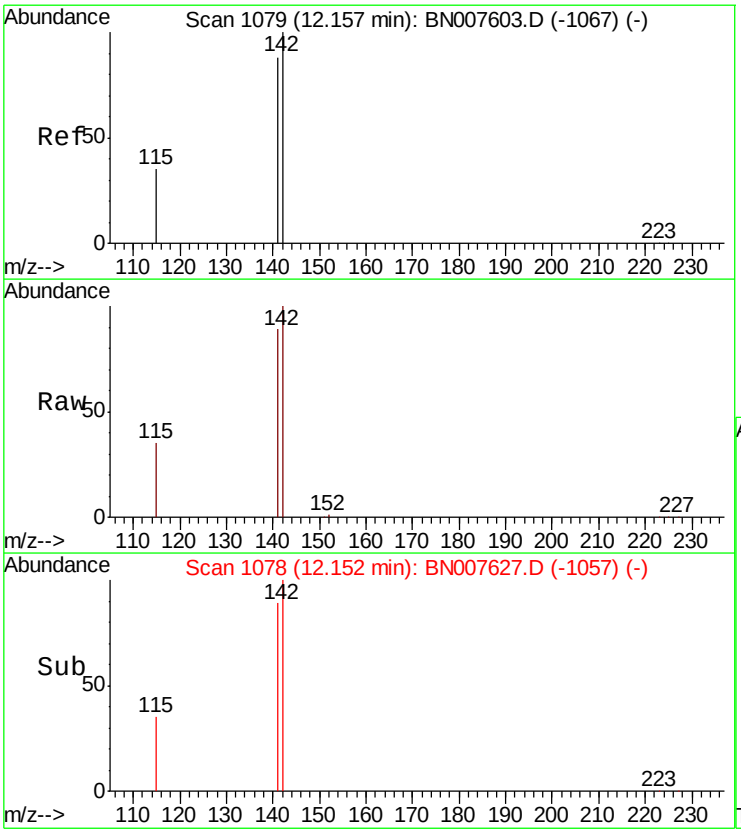
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 22008

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

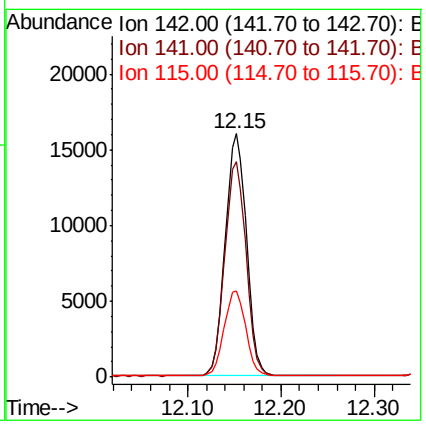


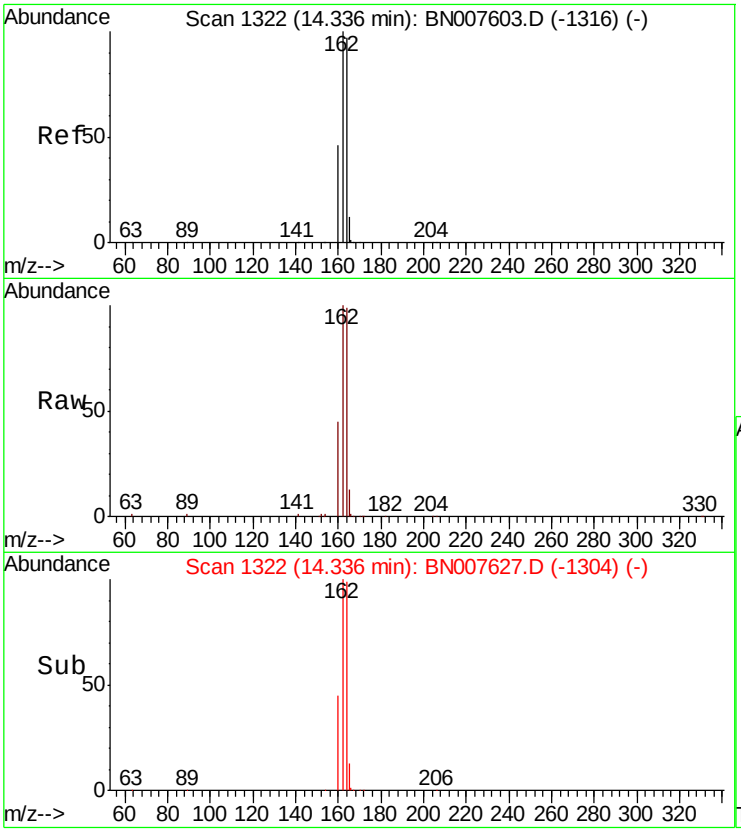


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:142 Resp: 25271

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.5	105.7
115	35.3	28.4	42.6



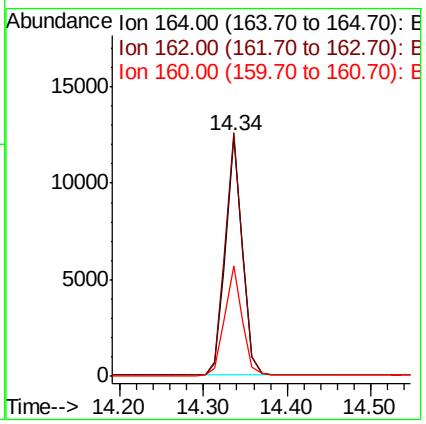


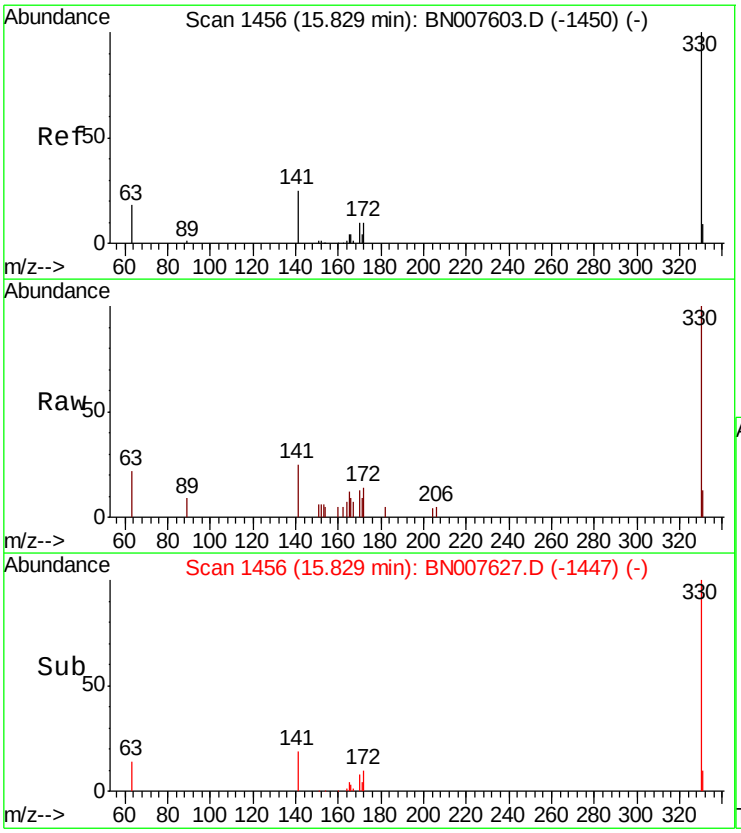
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 17362

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	45.9	38.0	57.0

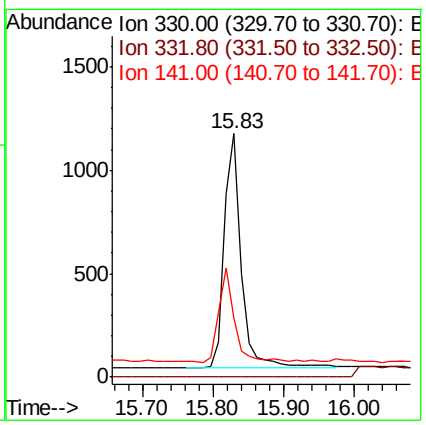


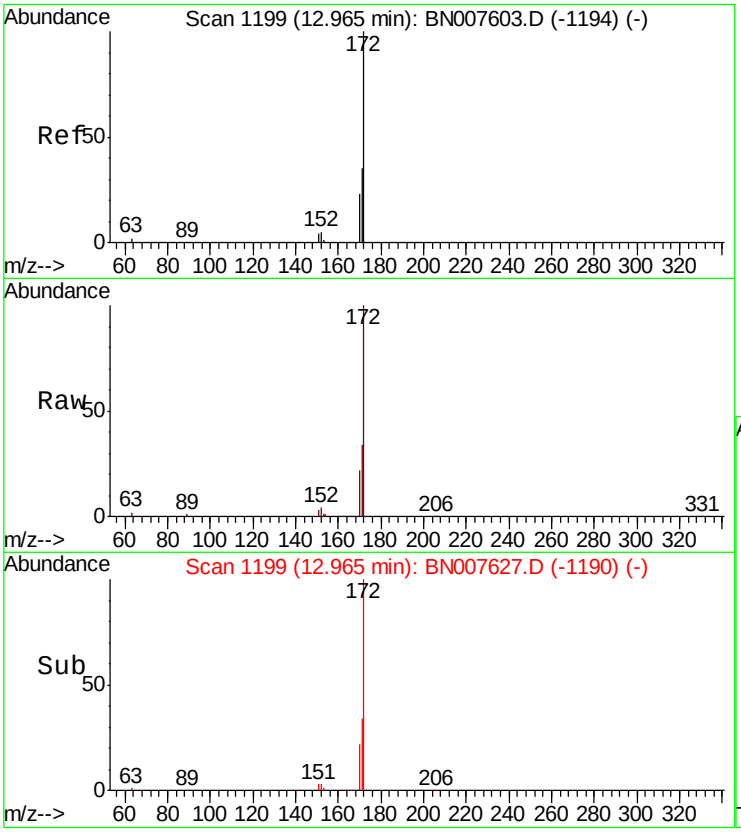


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:330 Resp: 1941

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.9	30.1	45.1



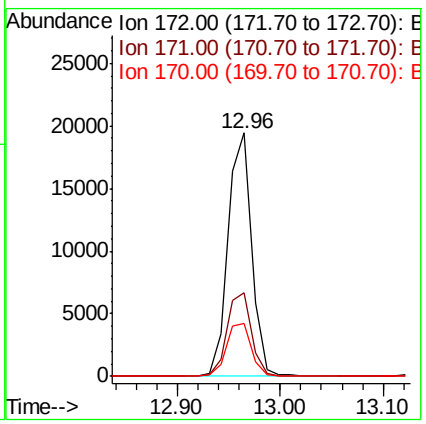


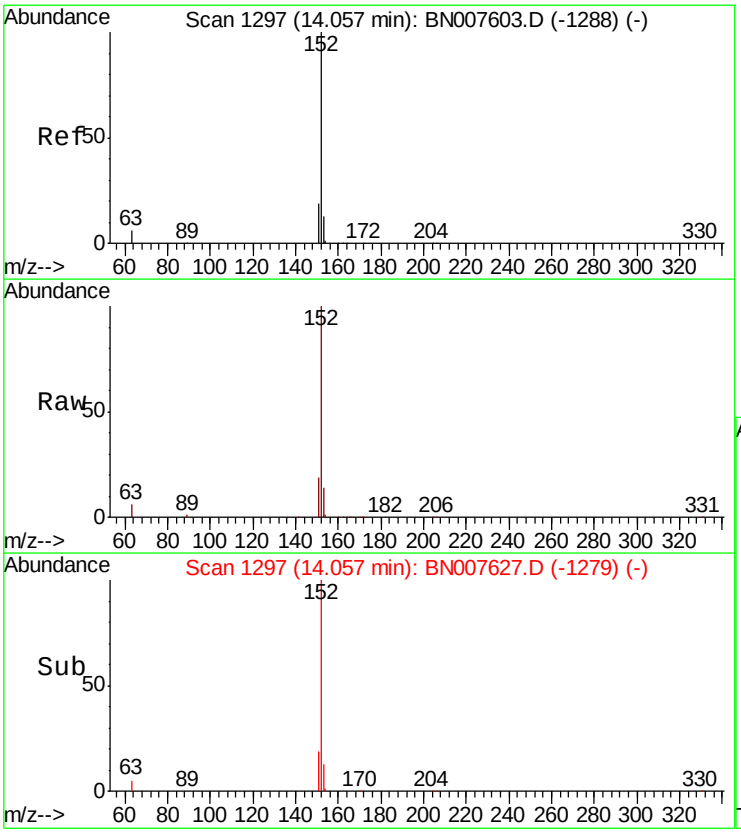
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 30609

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	21.9	18.5	27.7

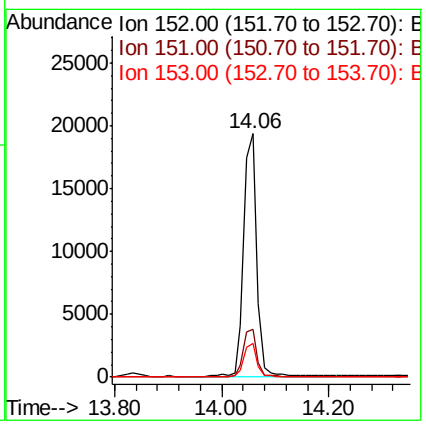


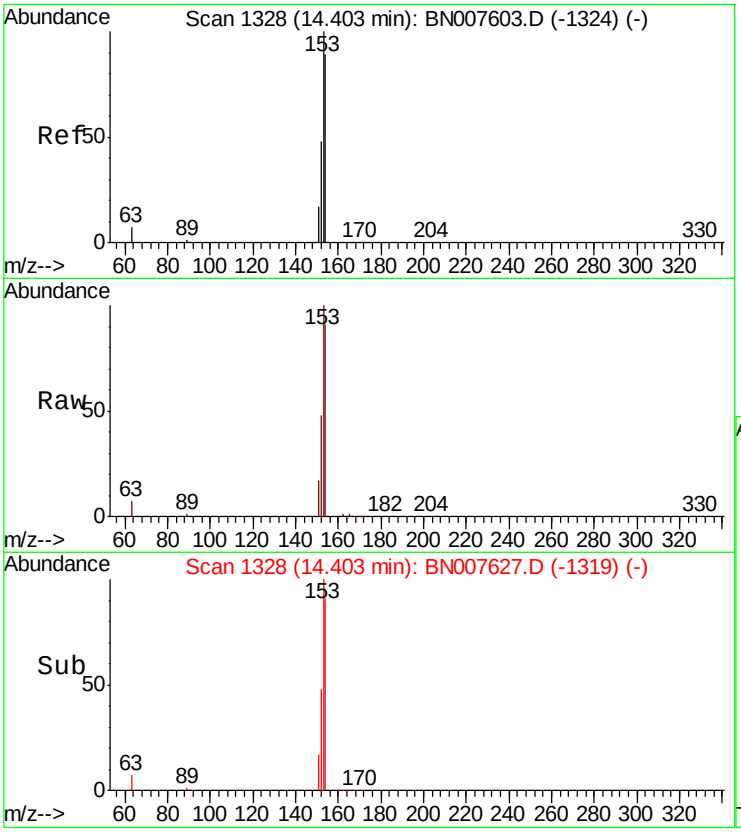


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:152 Resp: 32761

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.4	15.6



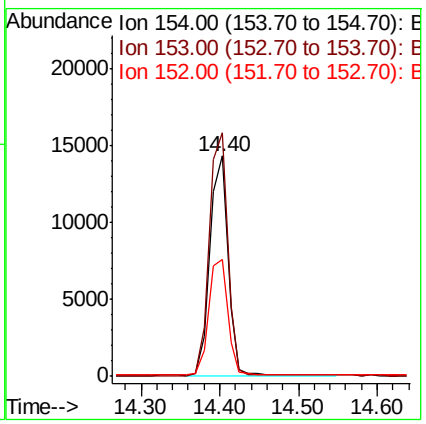


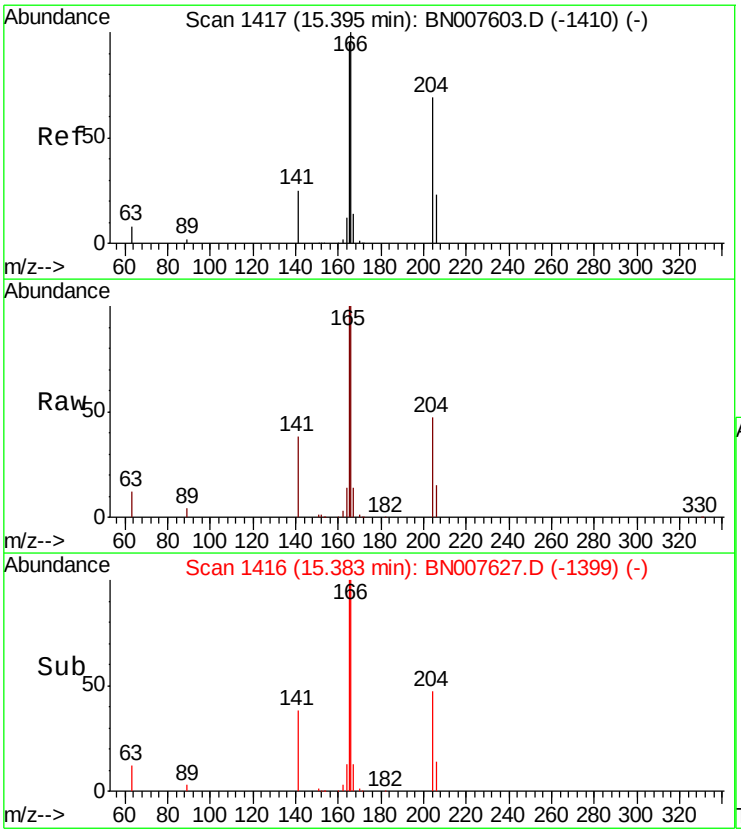
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 22870

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.8	134.8
152	55.5	43.8	65.8

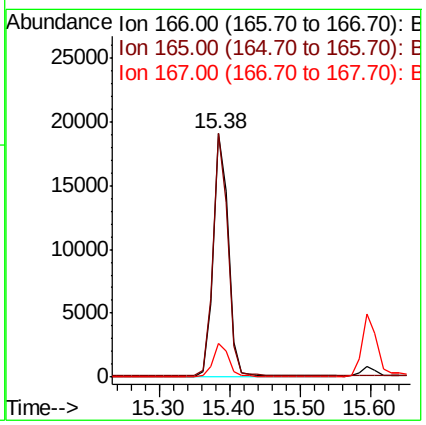


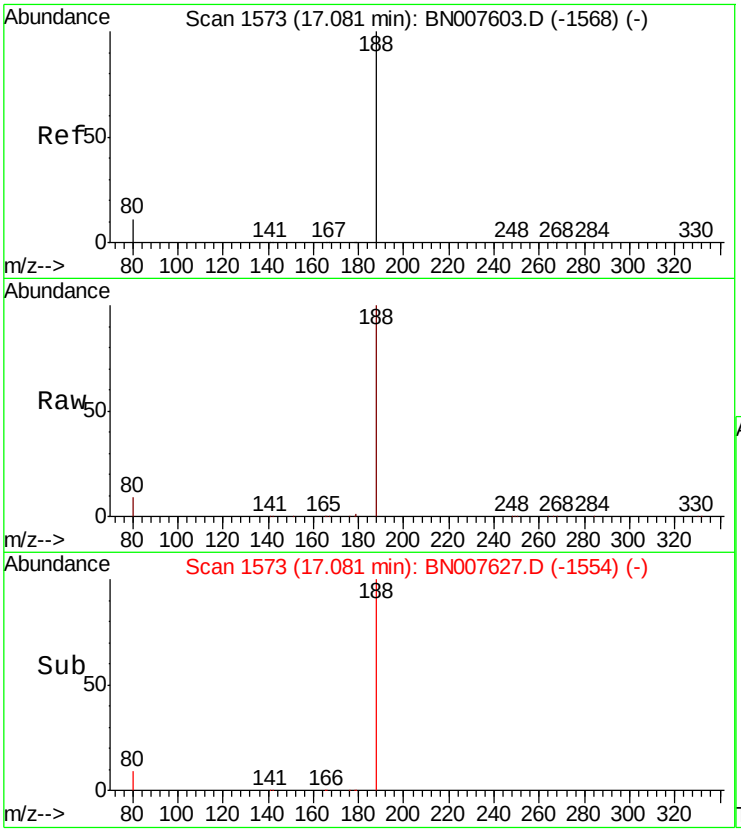


#18
Fluorene
Concen: 0.388 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:166 Resp: 28842

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.6	10.8	16.2



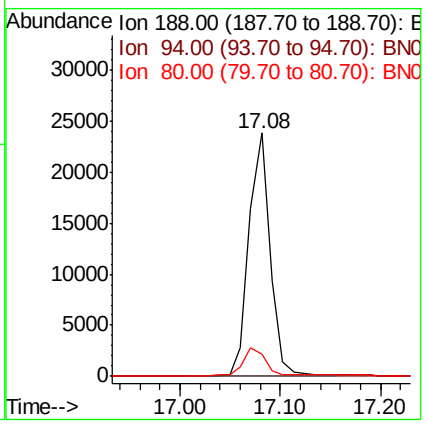


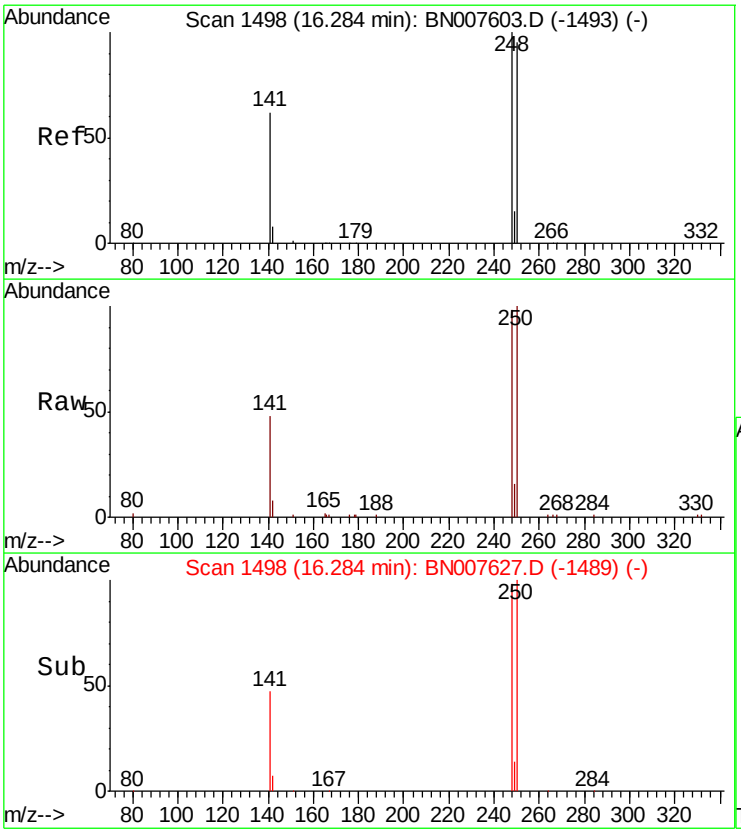
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 34881

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.8	13.2

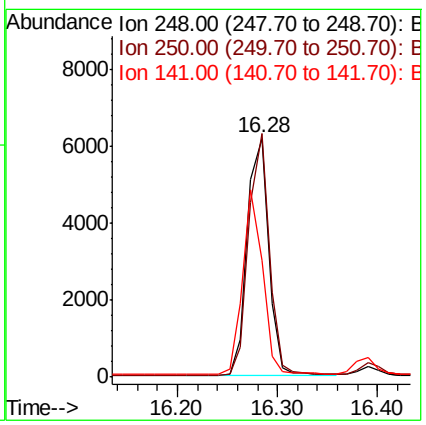


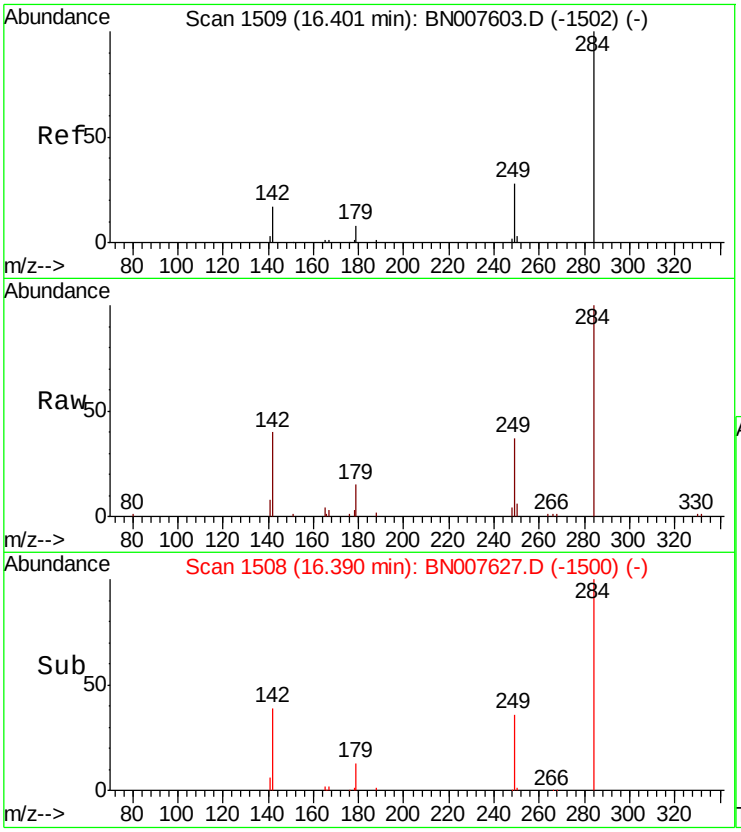


#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:248 Resp: 9251

Ion	Ratio	Lower	Upper
248	100		
250	101.8	76.3	114.5
141	48.7	49.7	74.5#



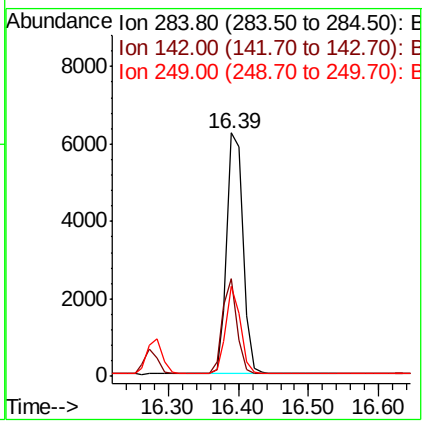


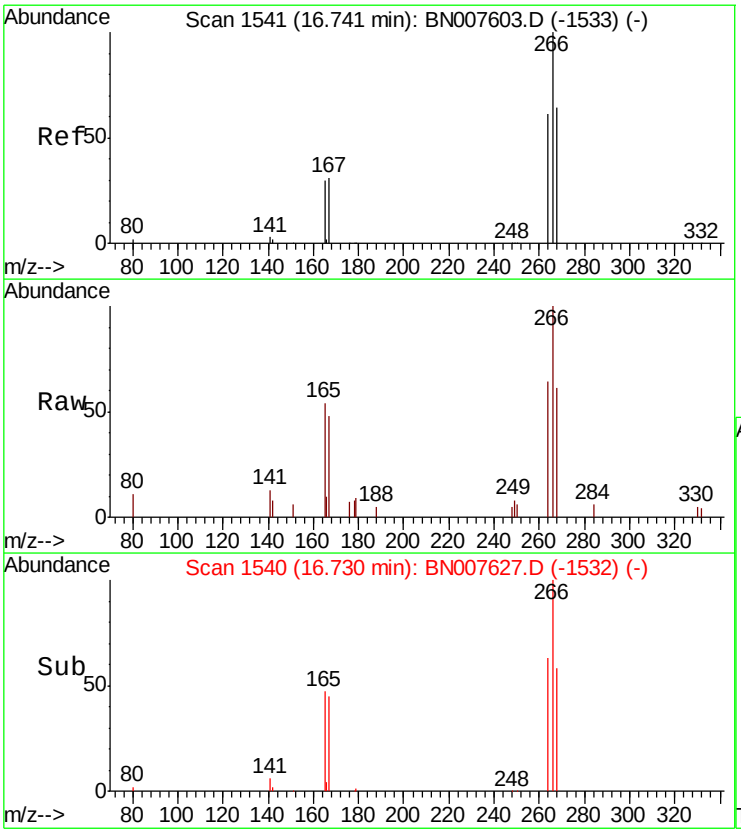
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 9985

Ion	Ratio	Lower	Upper
284	100		
142	36.0	27.8	41.6
249	32.1	25.5	38.3

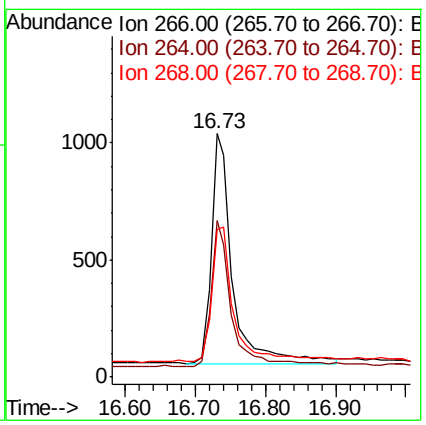


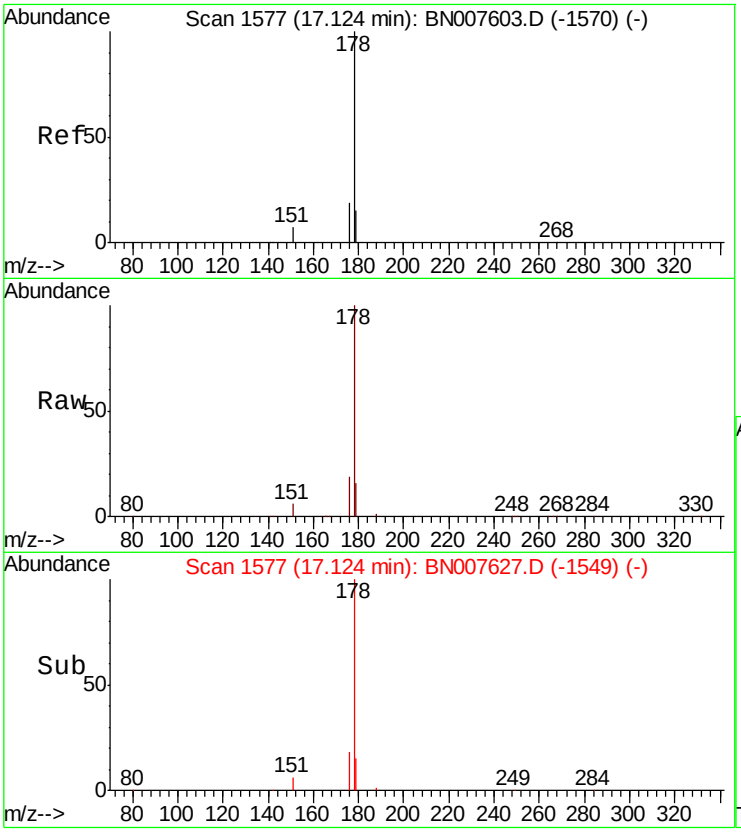


#22
Pentachlorophenol
Concen: 0.345 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:266 Resp: 2067

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.4	74.0
268	60.8	53.0	79.6



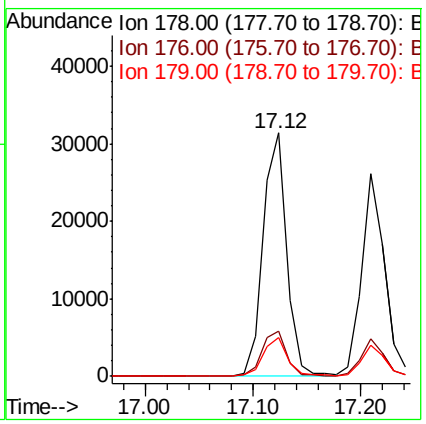


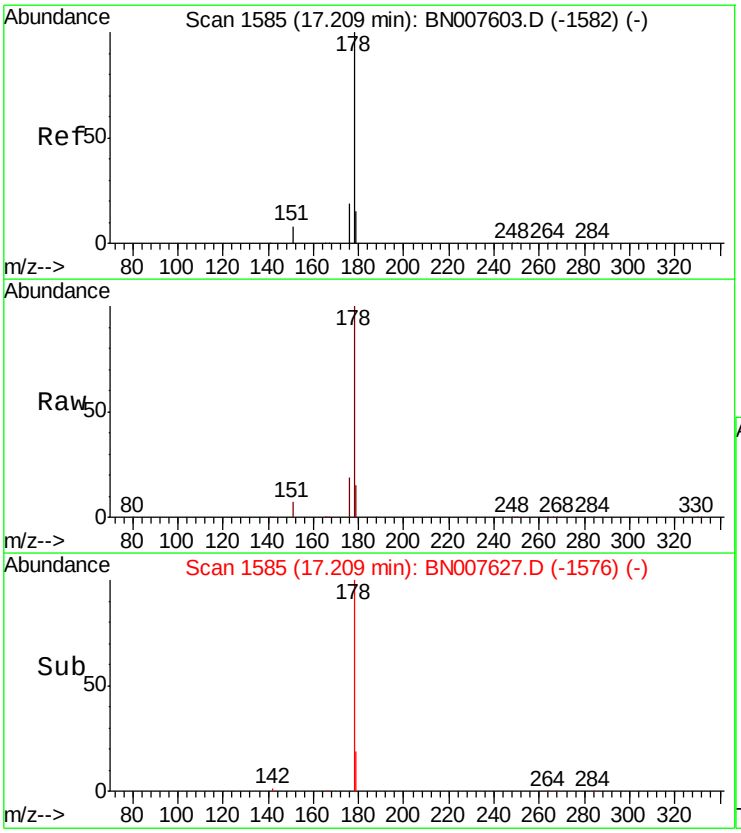
#23
Phenanthrene
Concen: 0.428 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 47076

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.5	12.4	18.6

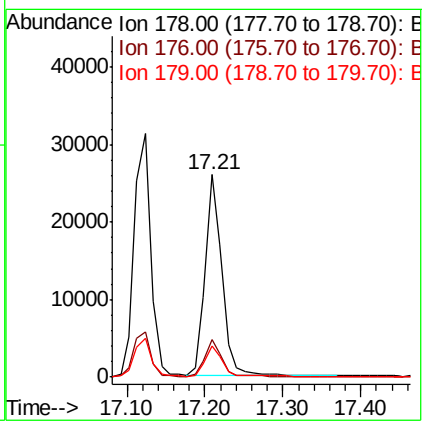


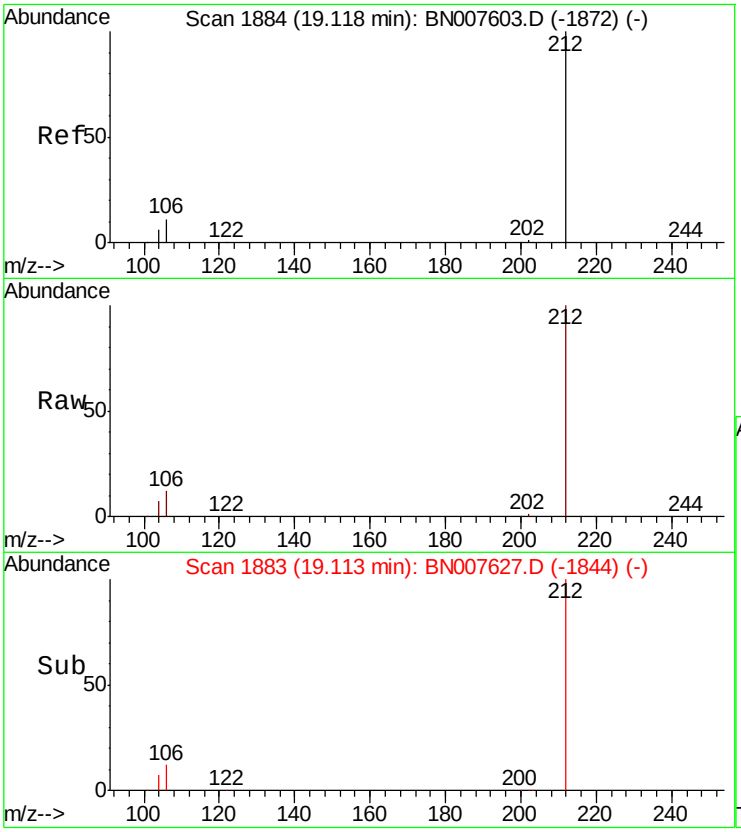


#24
Anthracene
Concen: 0.399 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:178 Resp: 38909

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.1	12.4	18.6



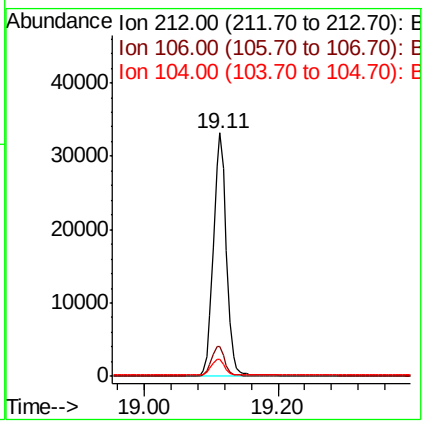


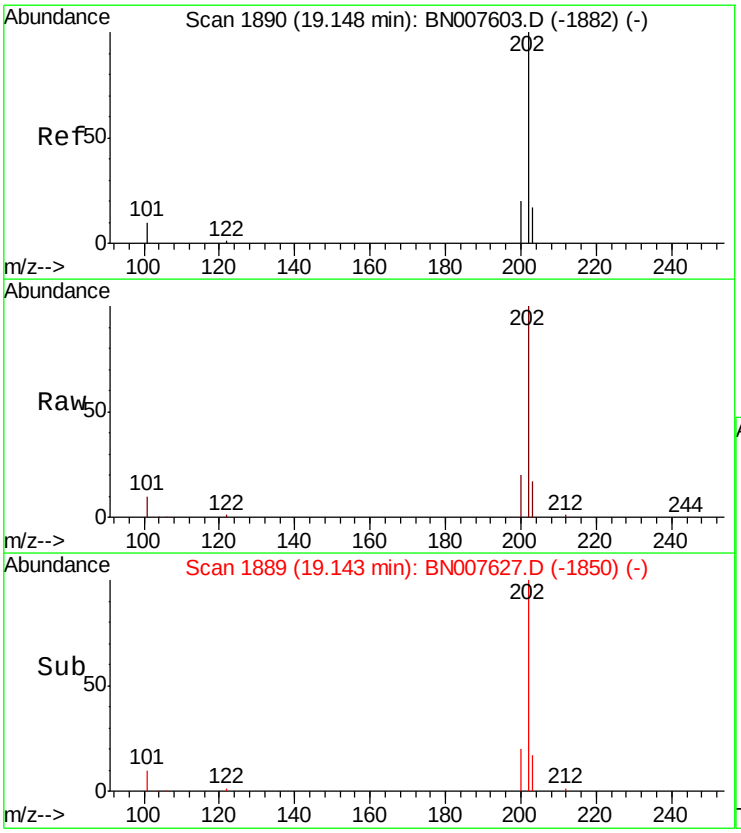
#25
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 44868

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	6.9	5.4	8.0

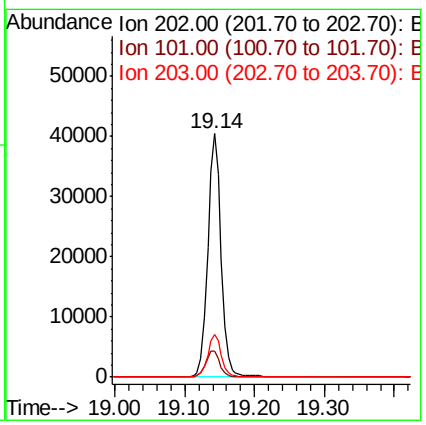


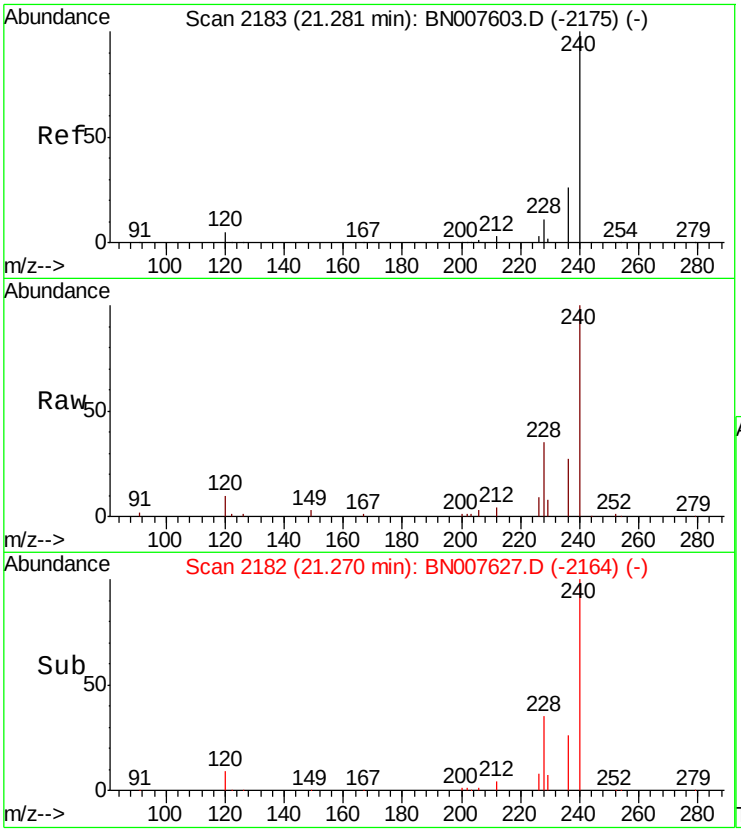


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.14 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:202 Resp: 53033

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	13.0
203	17.3	13.8	20.6



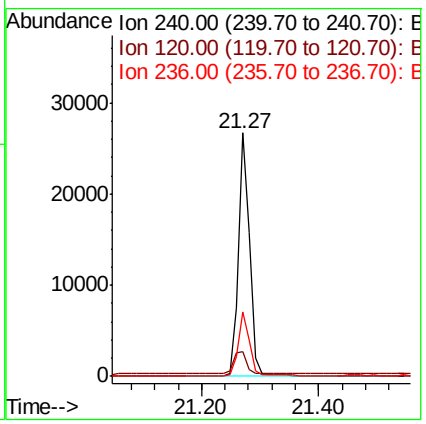


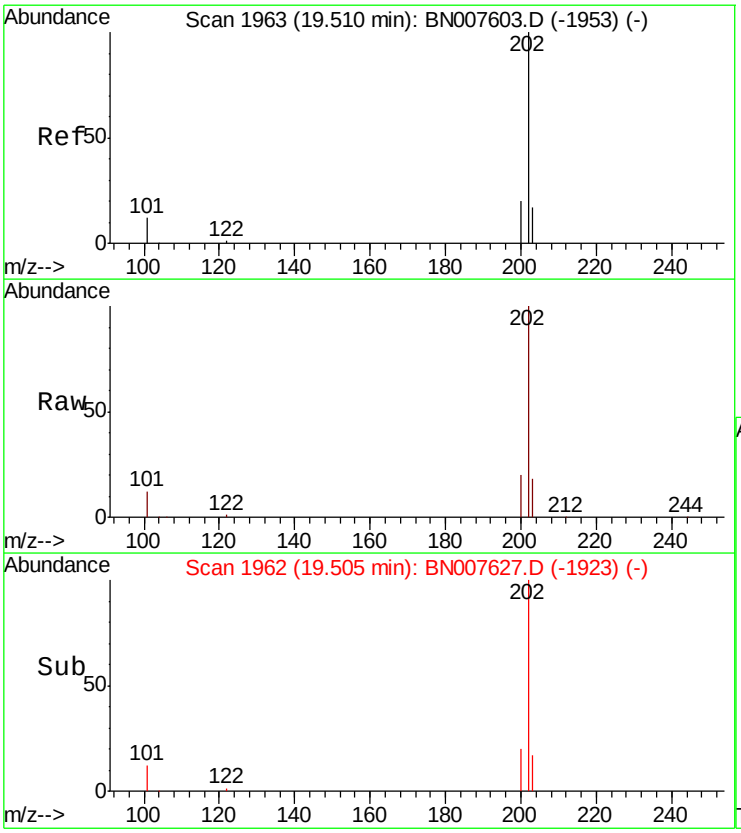
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 33903

Ion	Ratio	Lower	Upper
240	100		
120	10.0	4.3	6.5#
236	26.7	20.8	31.2

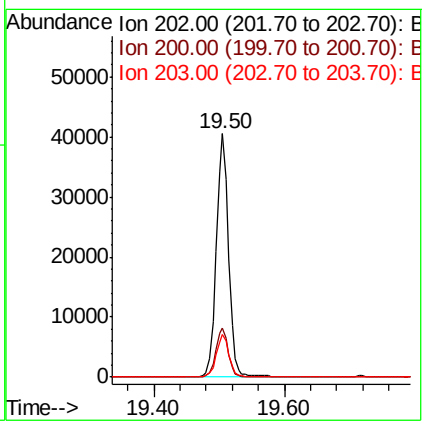


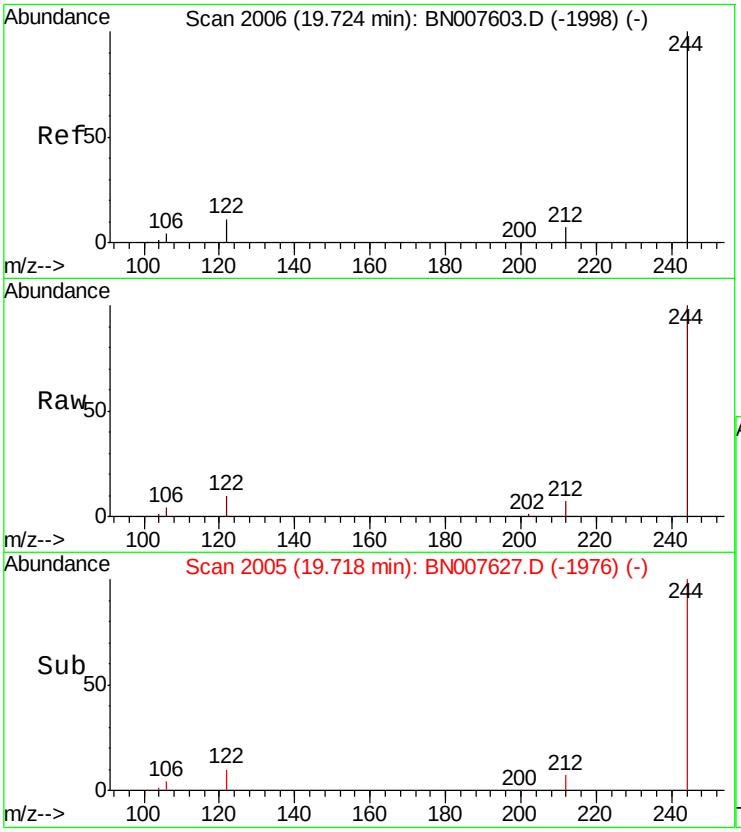


#28
Pyrene
Concen: 0.427 ng
RT: 19.50 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:202 Resp: 52638

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.6	14.0	21.0



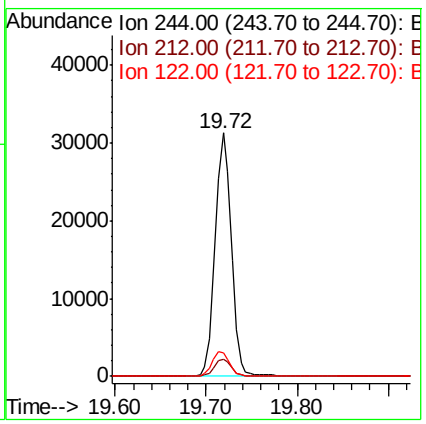


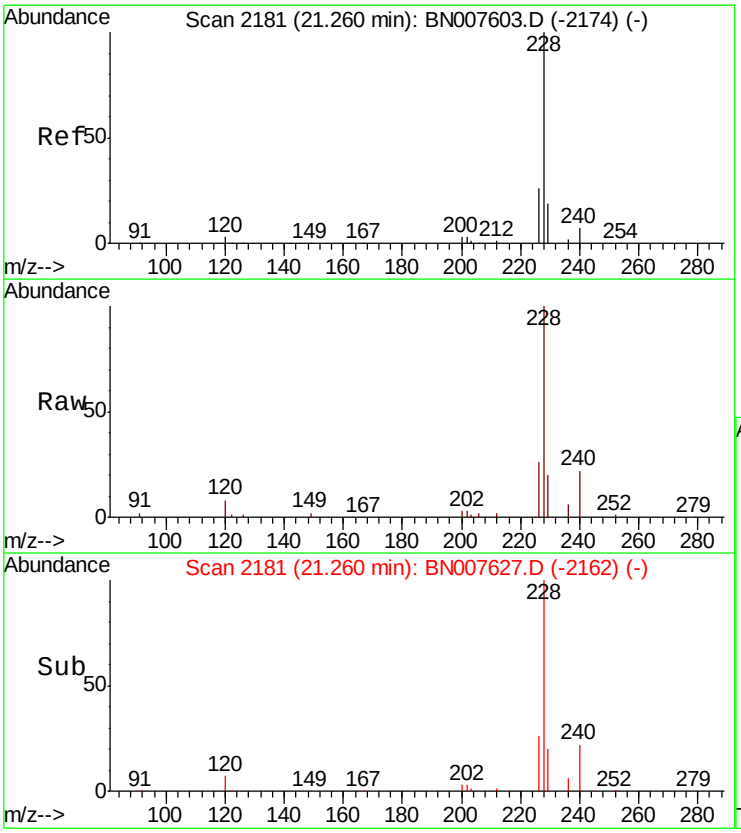
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 37806

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.9	8.6	12.8

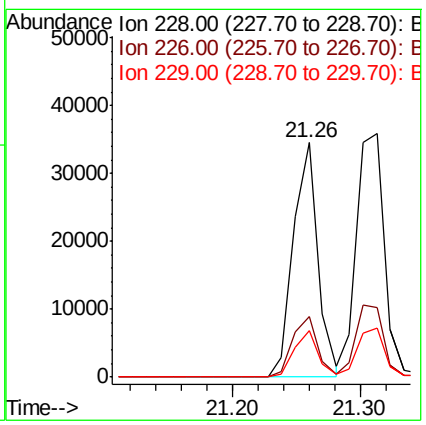


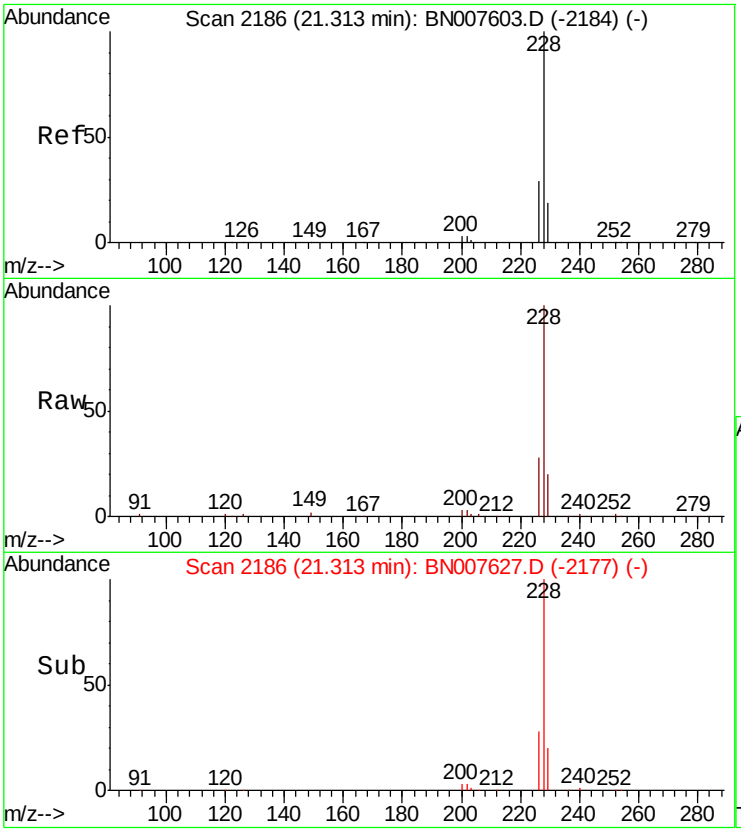


#30
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:228 Resp: 45690

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.2	31.8
229	19.9	15.5	23.3



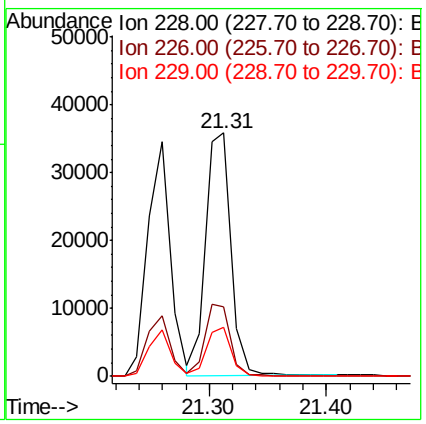


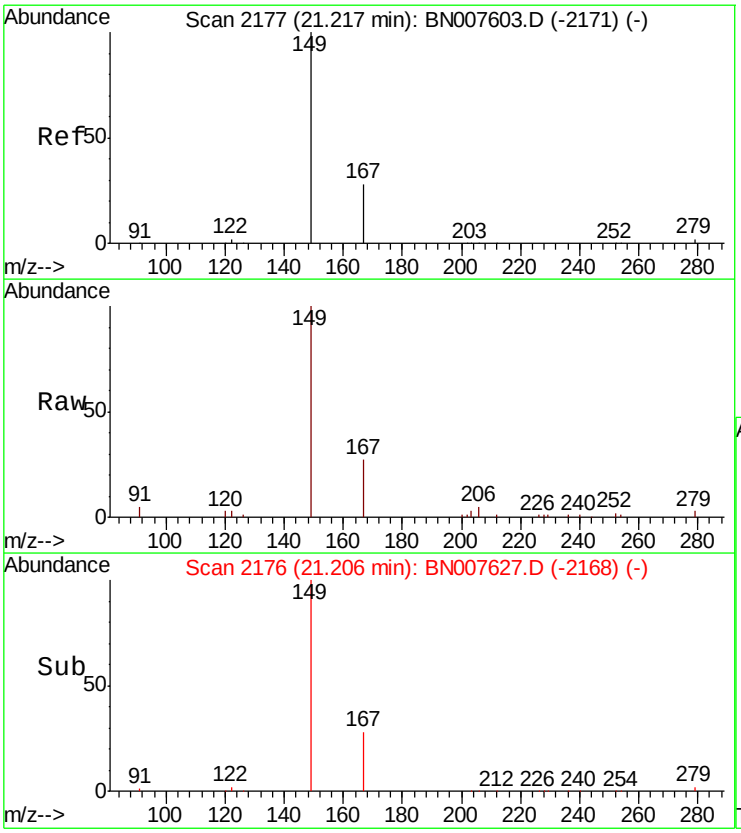
#31
Chrysene
Concen: 0.432 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 53983

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.2	15.5	23.3

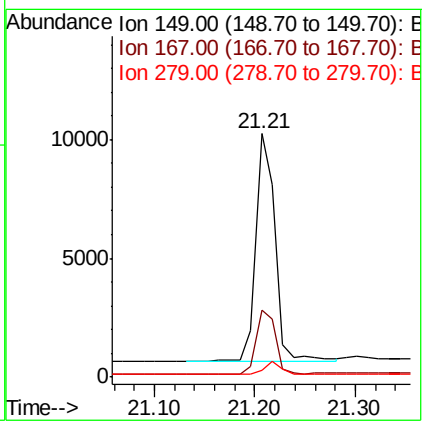


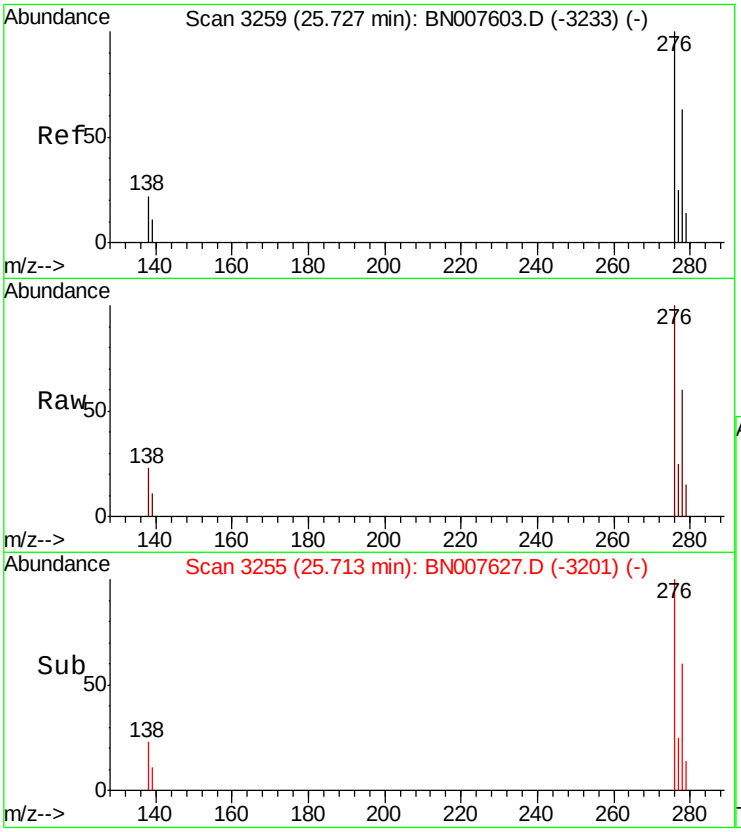


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.313 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:149 Resp: 12735

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	4.9	3.8	5.6



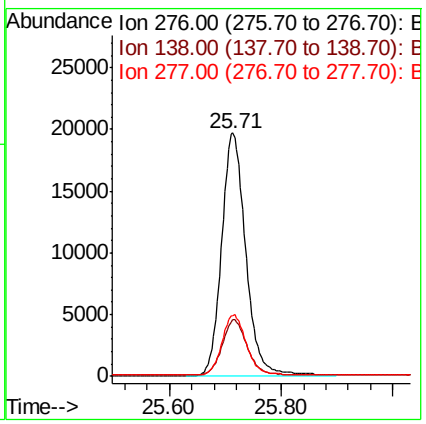


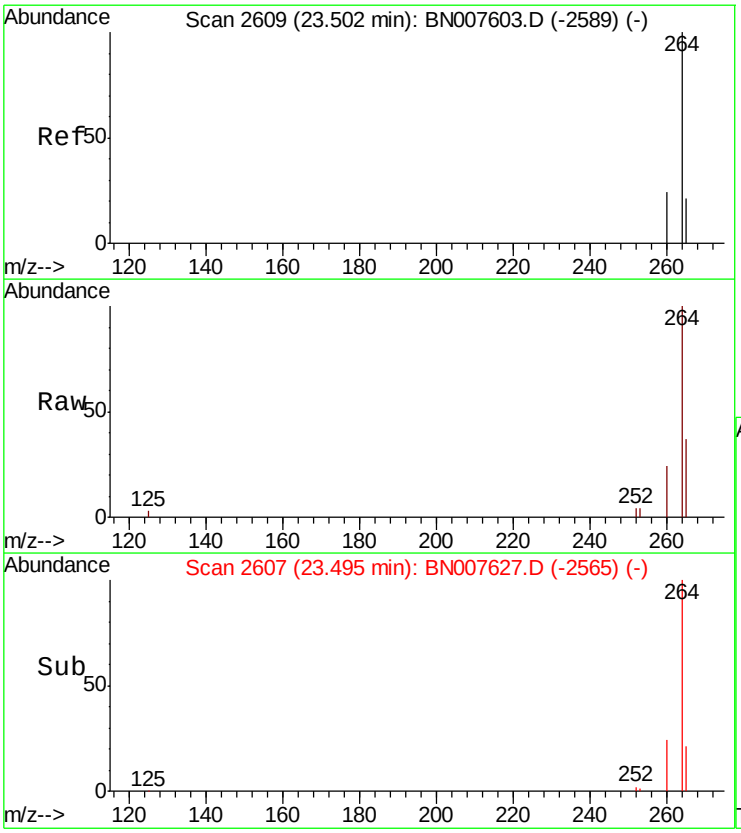
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng
RT: 25.71 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 58823

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.2	27.4
277	25.3	20.1	30.1

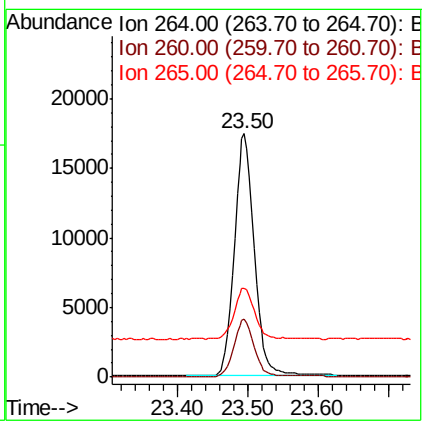


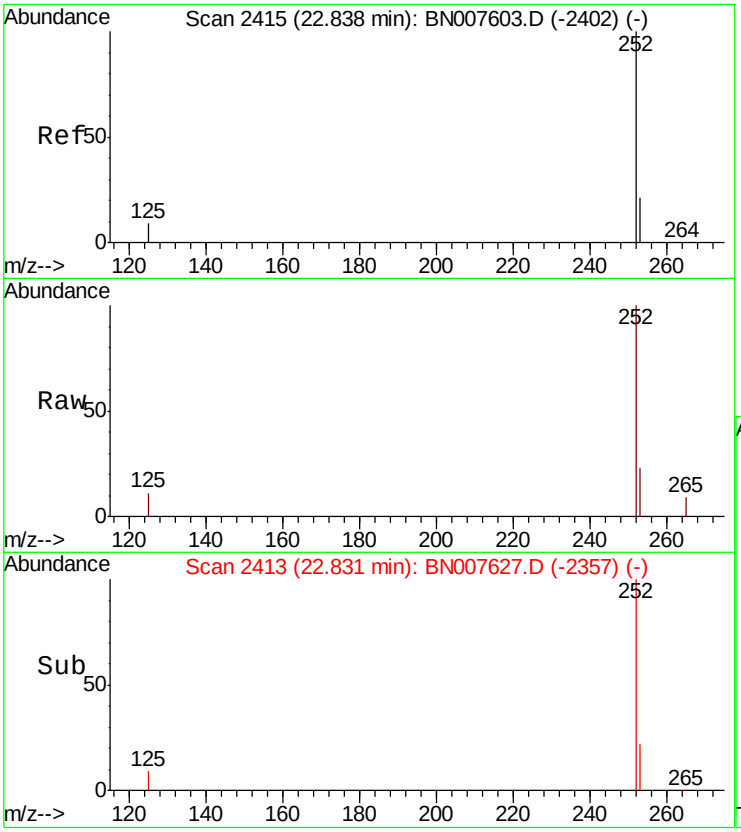


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:264 Resp: 34353

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	36.6	24.6	37.0



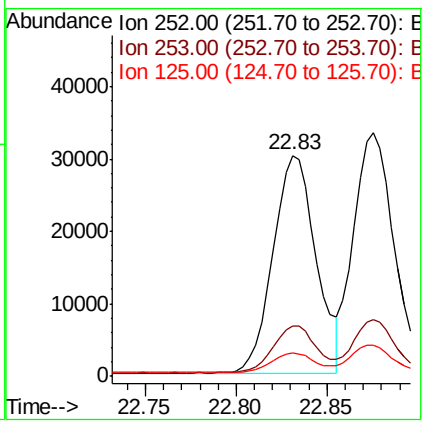


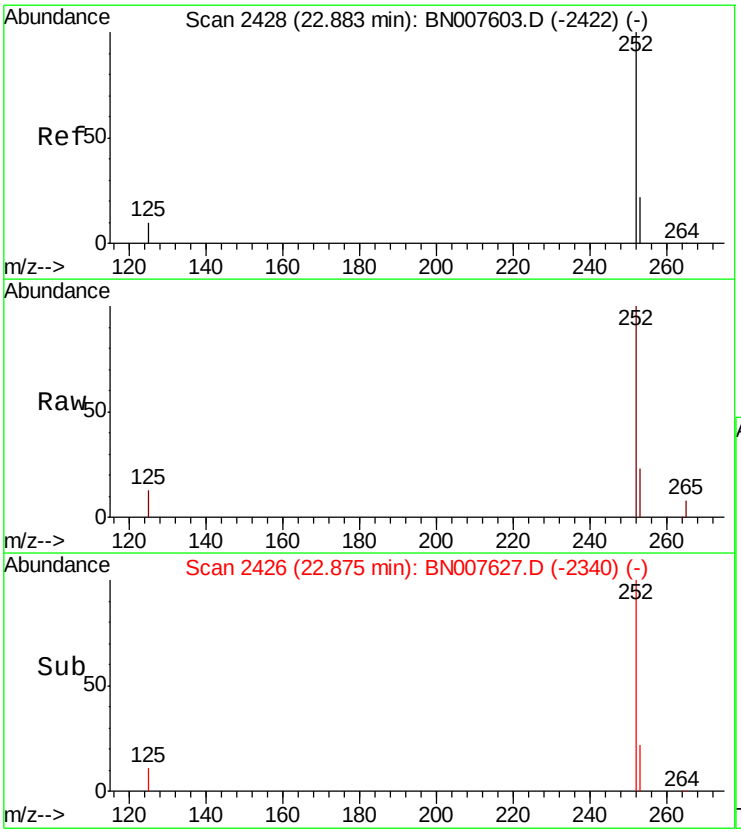
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 49775

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.6	8.0	12.0

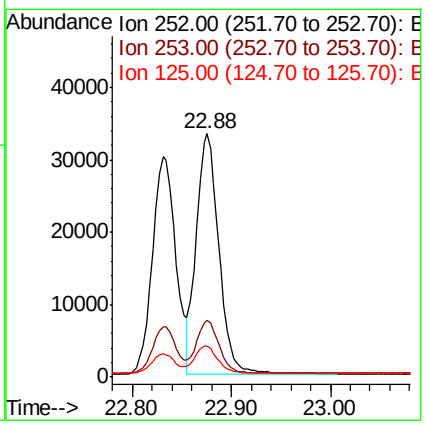


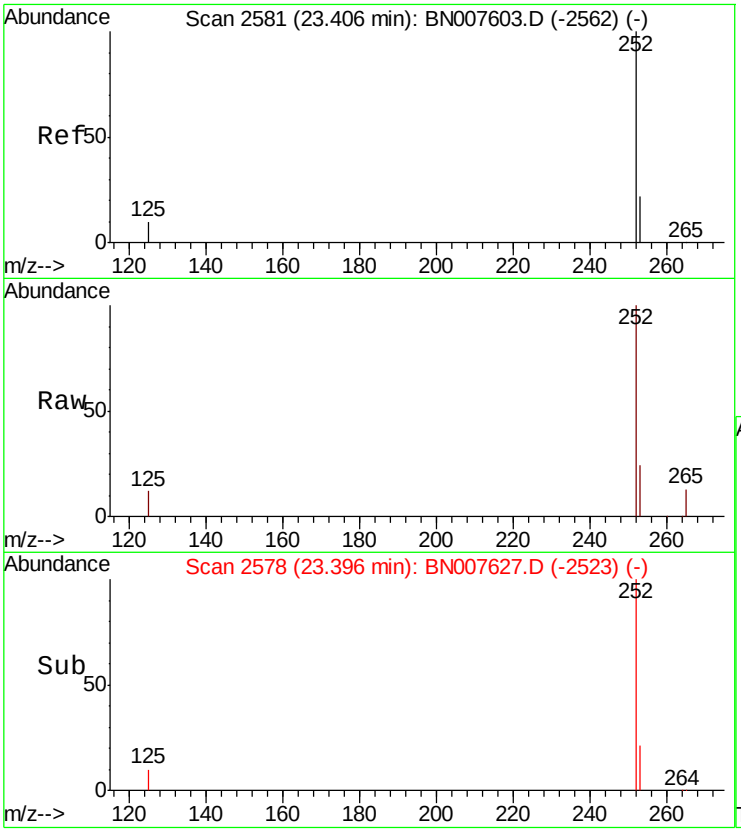


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:252 Resp: 52994

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	12.9	8.9	13.3



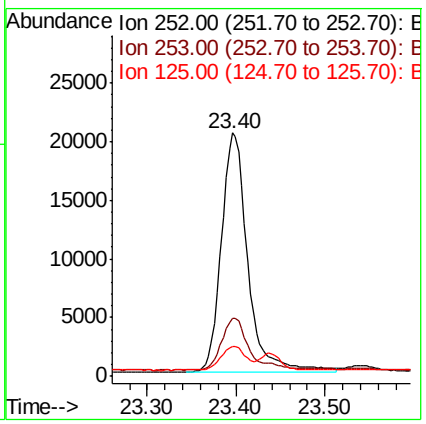


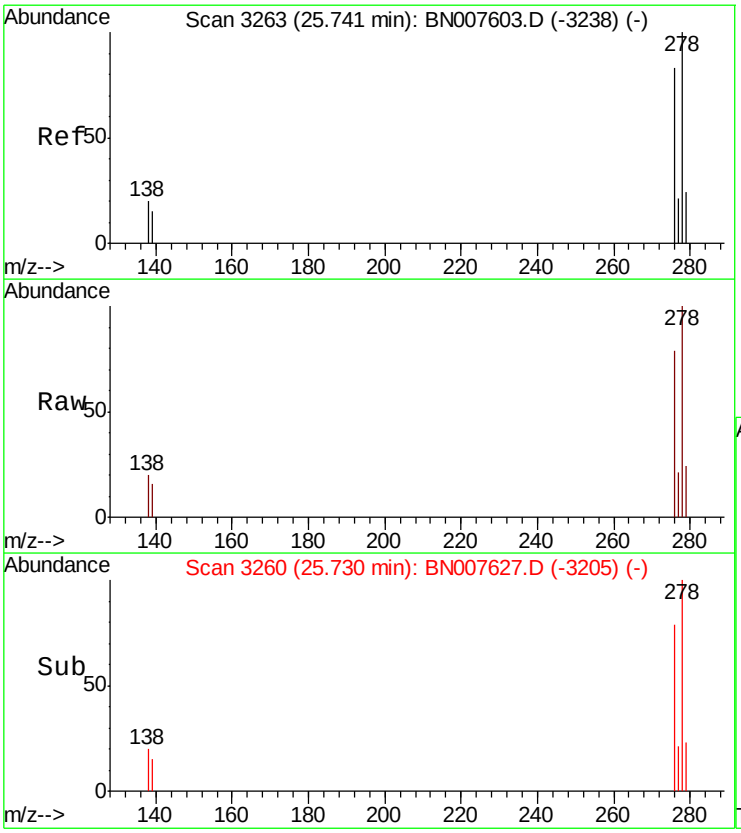
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.40 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 42054

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	12.5	8.9	13.3

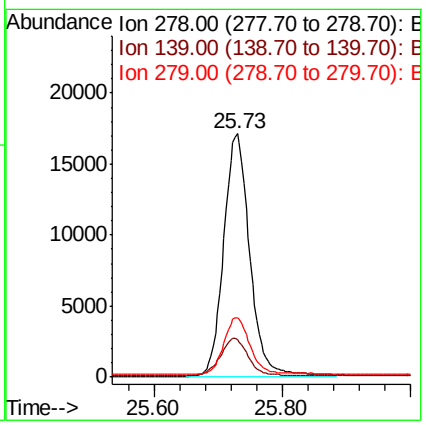


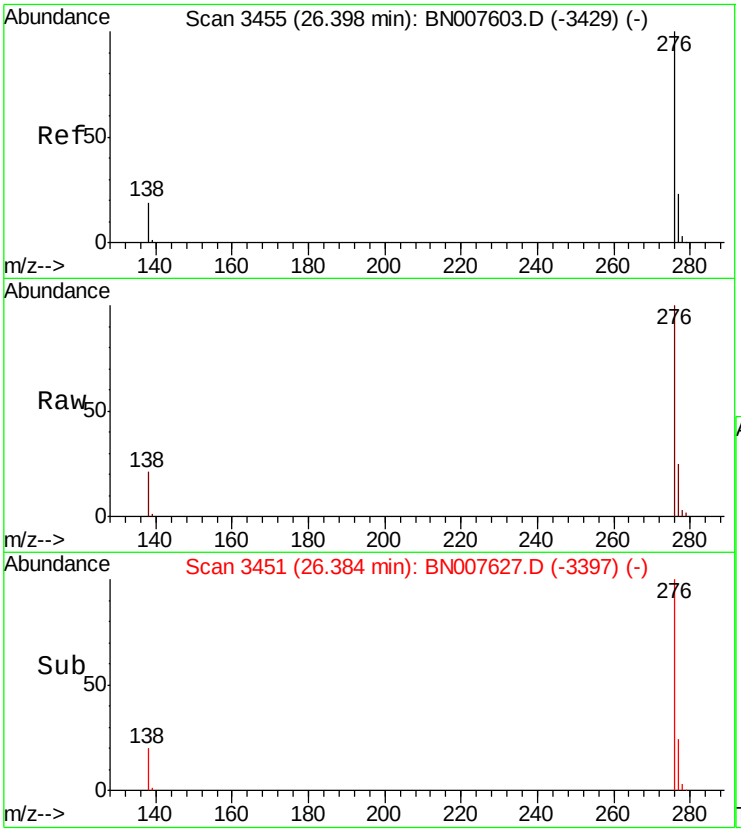


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.73 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Tgt Ion:278 Resp: 48248

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.38 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BN007627.D
Acq: 13 Sep 2019 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 46071

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	20.6	15.8	23.6