Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007604.D
Acq On : 12 Sep 2019 12:12
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 12 13:12:03 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 12:56:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7577	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	29905	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	15922	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	36011	0.40	ng		0.00
27) Chrysene-d12	21.28	240	36161	0.40	ng		0.00
34) Perylene-d12	23.50	264	34455	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	16513	0.72	ng		0.00
5) Phenol-d6	6.90	99	21593	0.61	ng		0.00
8) Nitrobenzene-d5	8.86	82	17967	0.99	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	38818	0.75	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	4129	0.68	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	53418	0.81	ng		0.00
25) Fluoranthene-d10	19.12	212	86440	0.74	ng		0.00
29) Terphenyl-d14	19.72	244	72248	0.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	6999	0.876	ng		96
3) n-Nitrosodimethylamine	3.03	42	2197	0.485	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	16250	1.087	ng		97
9) Naphthalene	10.54	128	65635	0.780	ng		100
10) Hexachlorobutadiene	10.84	225	13131	0.779	ng	#	100
12) 2-Methylnaphthalene	12.16	142	44310	0.751	ng		99
16) Acenaphthylene	14.06	152	62318	0.729	ng		100
17) Acenaphthene	14.40	154	41438	0.767	ng		100
18) Fluorene	15.39	166	52808	0.742	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	16790	0.788	ng		99
21) Hexachlorobenzene	16.40	284	18212	0.813	ng		100
22) Pentachlorophenol	16.74	266	4288	0.689	ng		99
23) Phenanthrene	17.12	178	86302	0.776	ng		100
24) Anthracene	17.22	178	75551	0.737	ng		100
26) Fluoranthene	19.15	202	101190	0.750	ng		100
28) Pyrene	19.51	202	99795	0.768	ng		100
30) Benzo(a)anthracene	21.26	228	97112	0.751	ng		100
31) Chrysene	21.31	228	101096	0.769	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	28933	0.653	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	106084	0.763	ng		100
35) Benzo(b)fluoranthene	22.84	252	96342	0.786	ng		100
36) Benzo(k)fluoranthene	22.88	252	96994	0.801	ng		98
37) Benzo(a)pyrene	23.41	252	83521	0.767	ng		99
38) Dibenzo(a,h)anthracene	25.74	278	87733	0.802	ng		99
39) Benzo(g,h,i)perylene	26.40	276	87359	0.789	ng		100

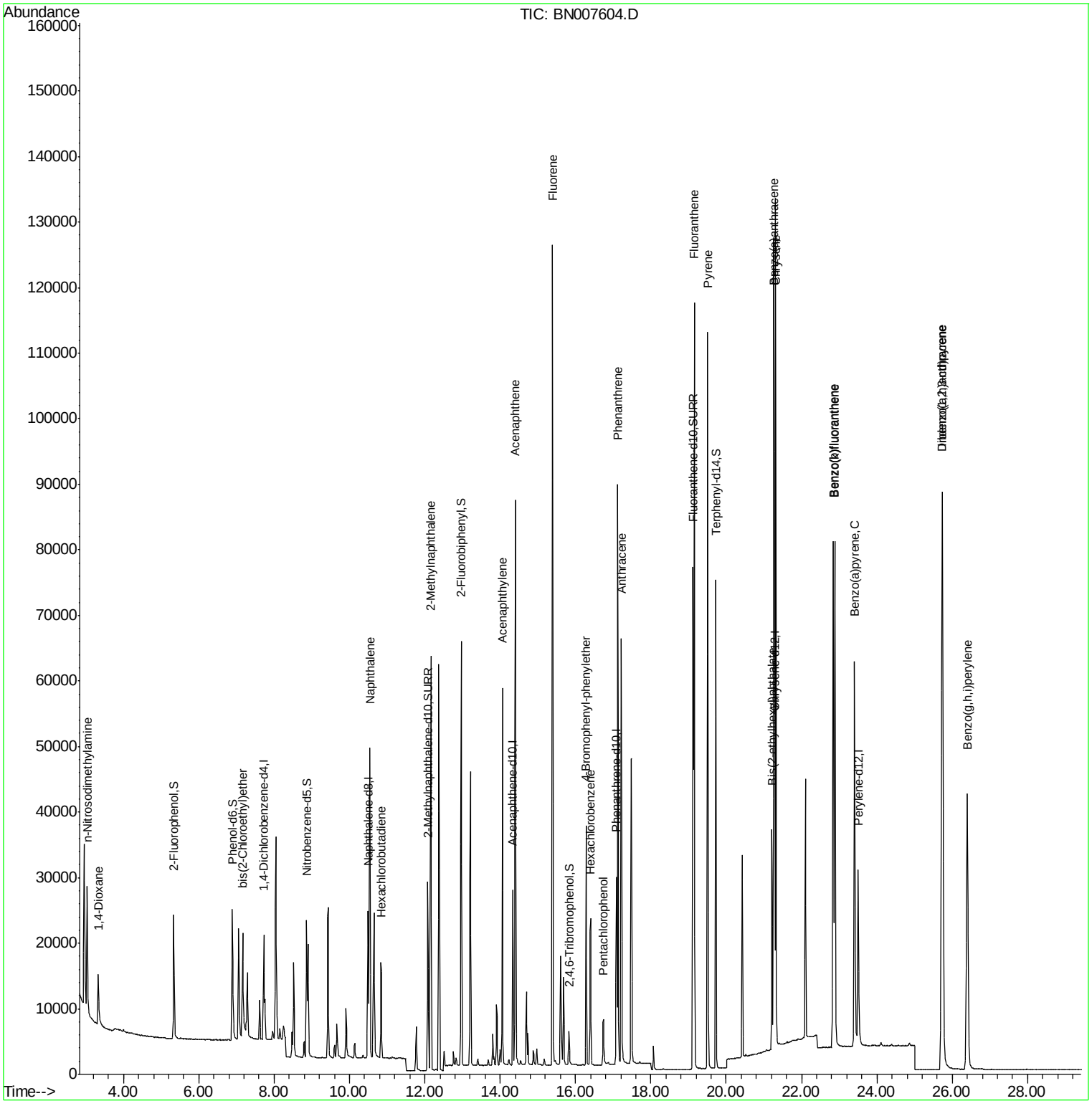
(#) = qualifier out of range (m) = manual integration (+) = signals summed

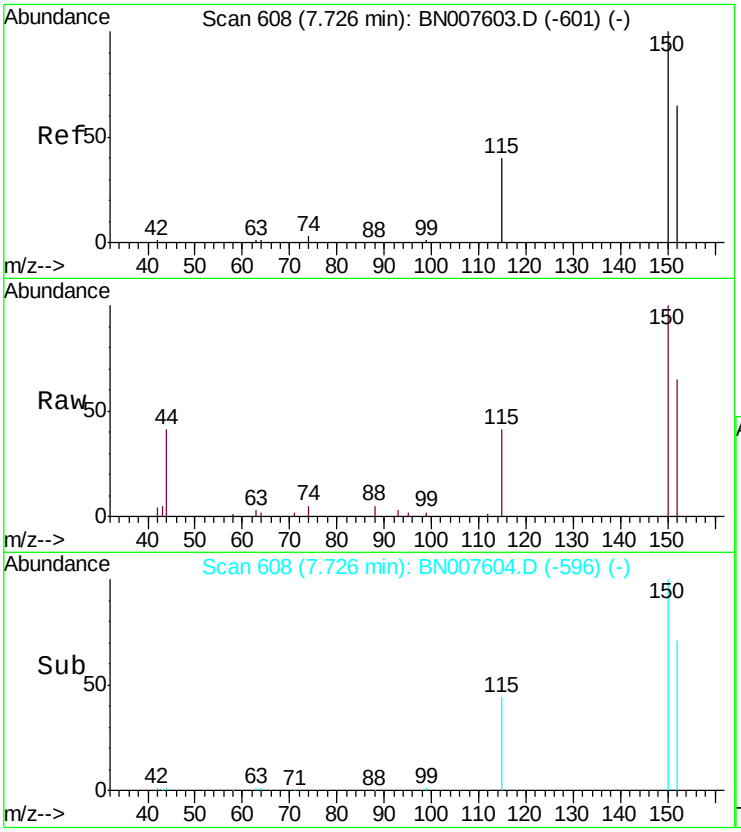
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007604.D
Acq On : 12 Sep 2019 12:12
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 12 13:12:03 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 12:56:10 2019
Response via : Initial Calibration



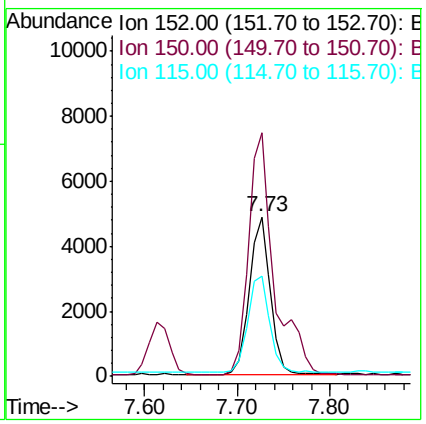


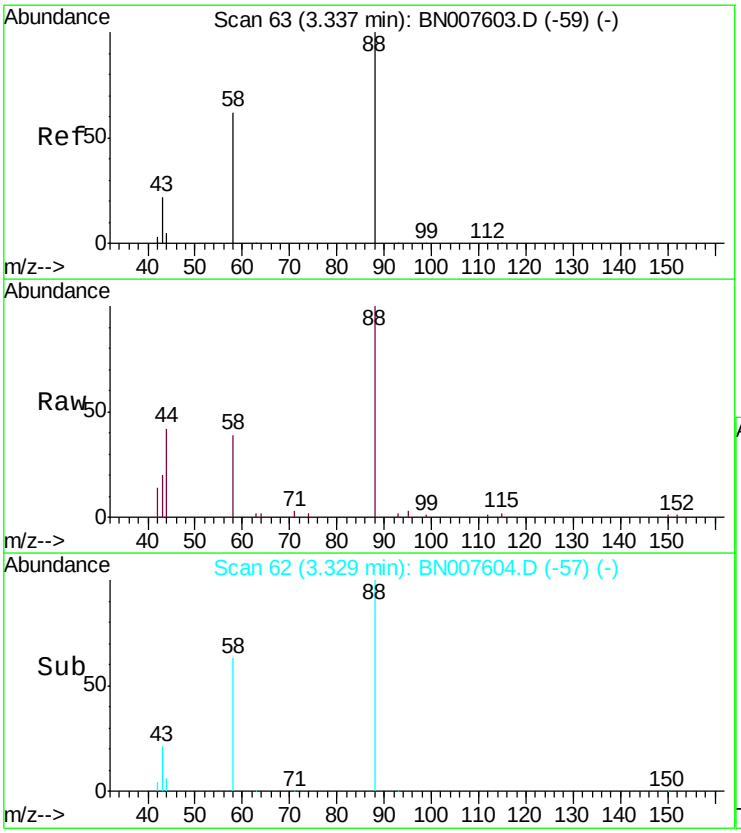
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7577

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.4	183.6
115	63.2	50.4	75.6

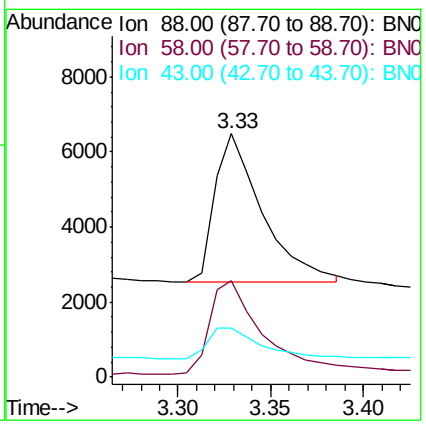


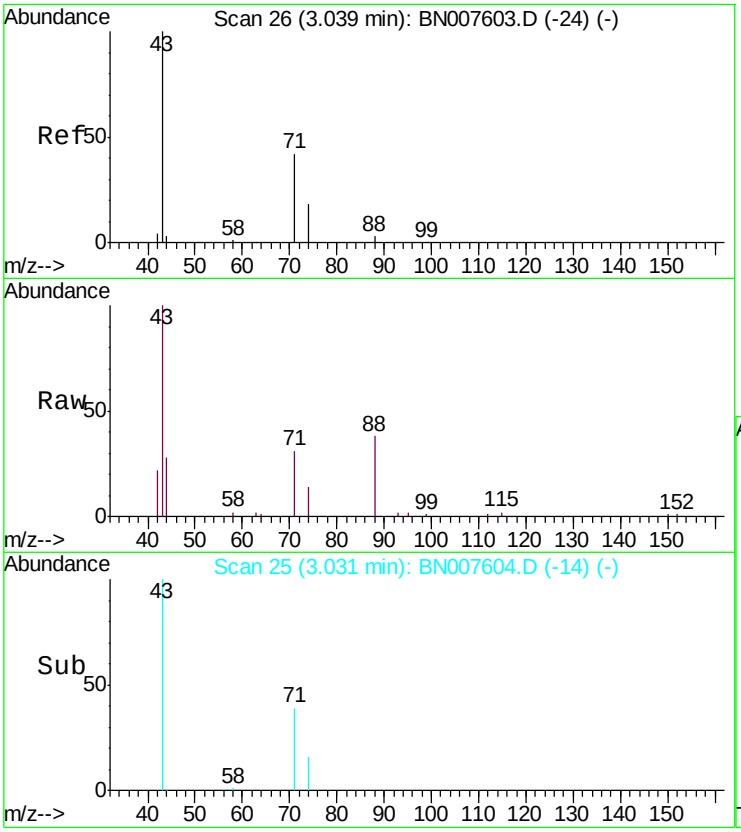


#2
1,4-Dioxane
Concen: 0.876 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion: 88 Resp: 6999

Ion	Ratio	Lower	Upper
88	100		
58	68.1	57.0	85.4
43	23.3	20.0	30.0



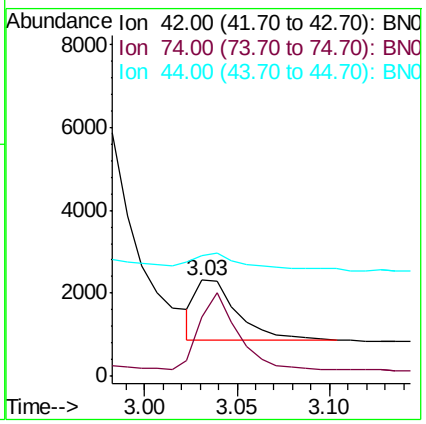


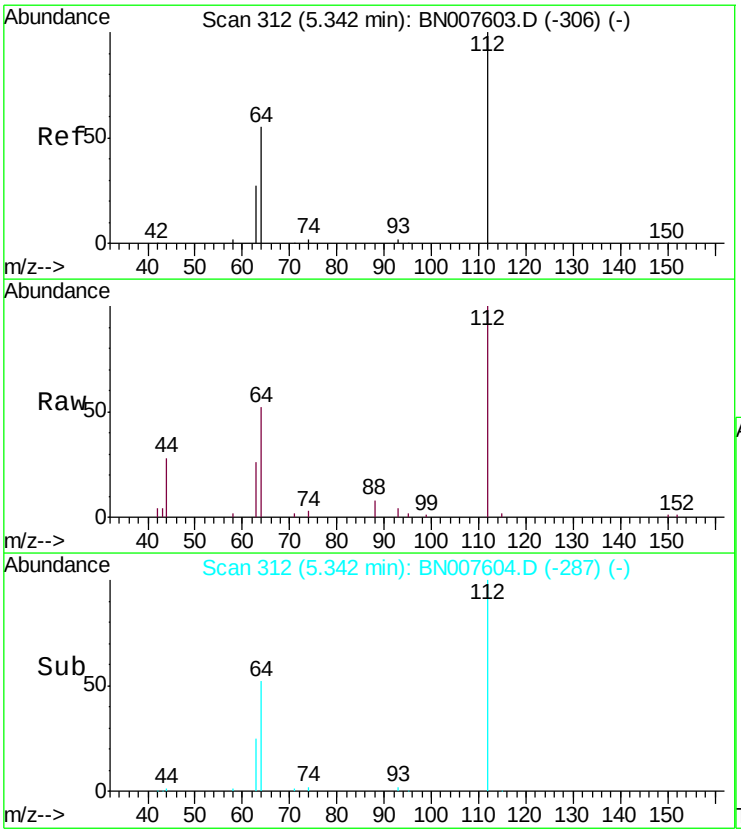
#3
n-Nitrosodimethylamine
Concen: 0.485 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2197

Ion	Ratio	Lower	Upper
42	100		
74	122.9	9.8	14.8#
44	25.9	0.0	0.0#

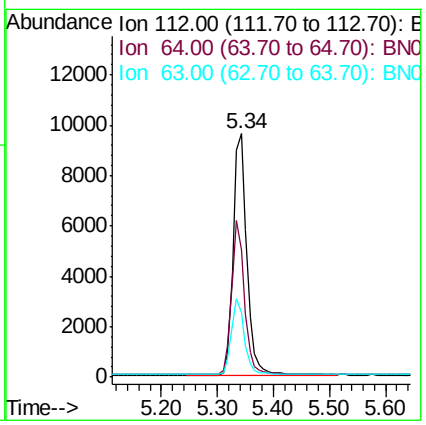


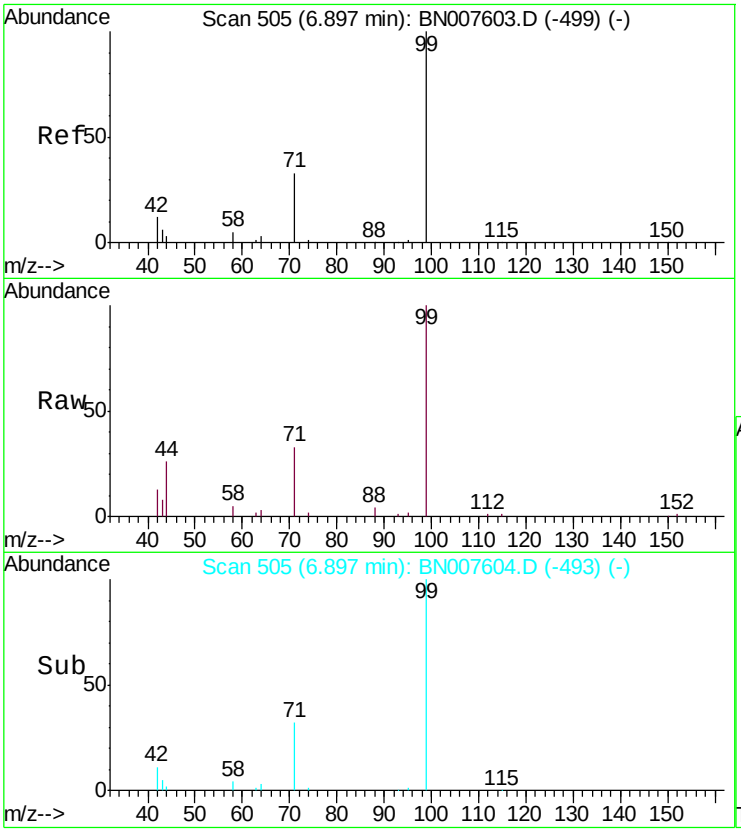


#4
2-Fluorophenol
Concen: 0.716 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:112 Resp: 16513

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.5	72.7
63	29.9	24.4	36.6



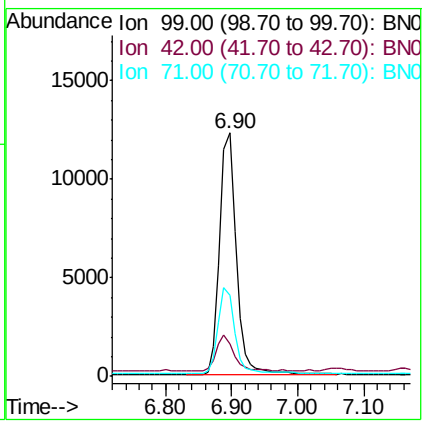


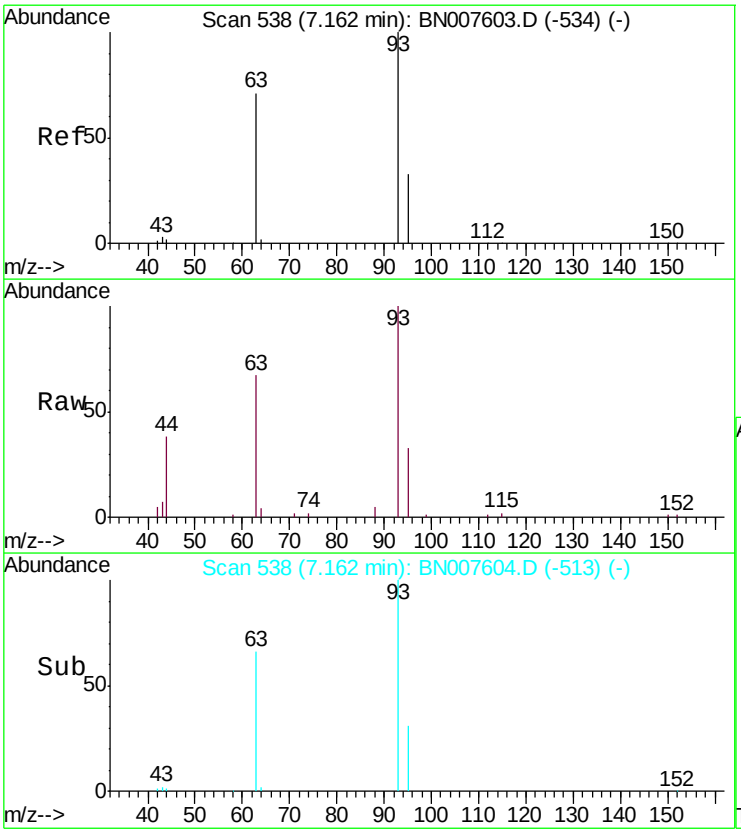
#5
Phenol-d6
Concen: 0.610 ng
RT: 6.90 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 21593

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.8	17.6
71	35.4	28.0	42.0

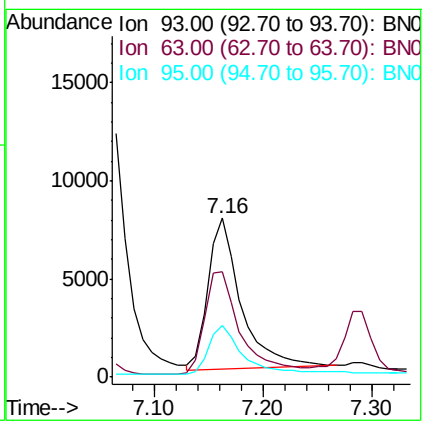


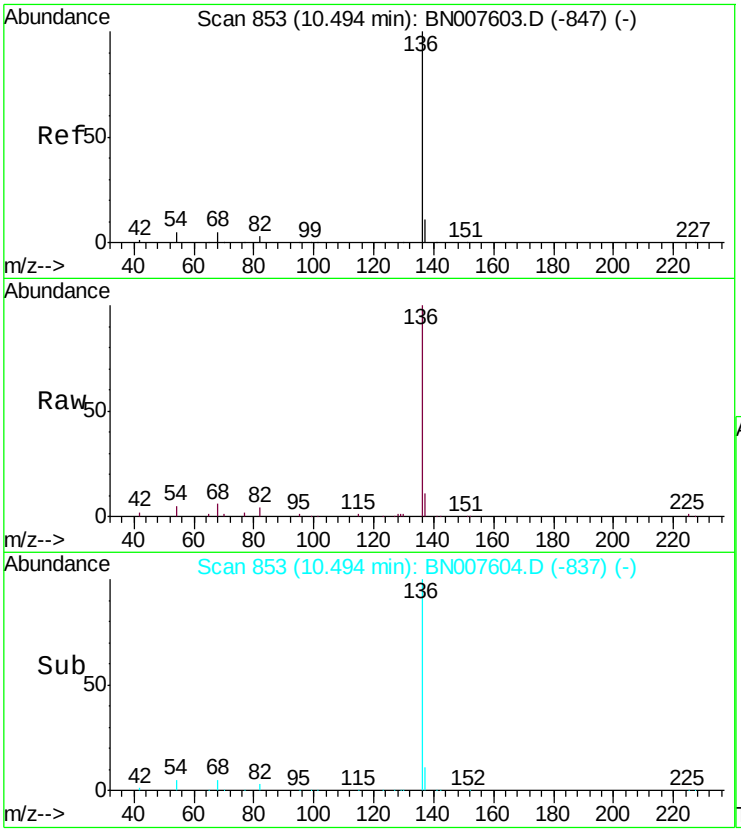


#6
bis(2-Chloroethyl)ether
Concen: 1.087 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion: 93 Resp: 16250

Ion	Ratio	Lower	Upper
93	100		
63	75.4	61.2	91.8
95	37.2	27.2	40.8



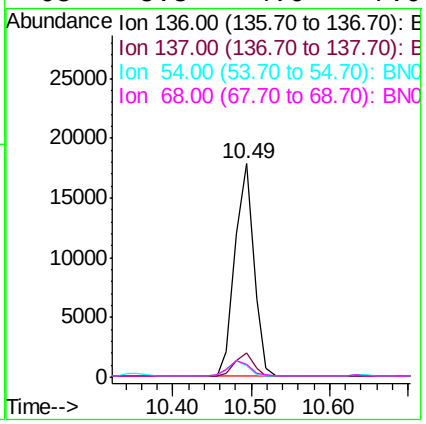


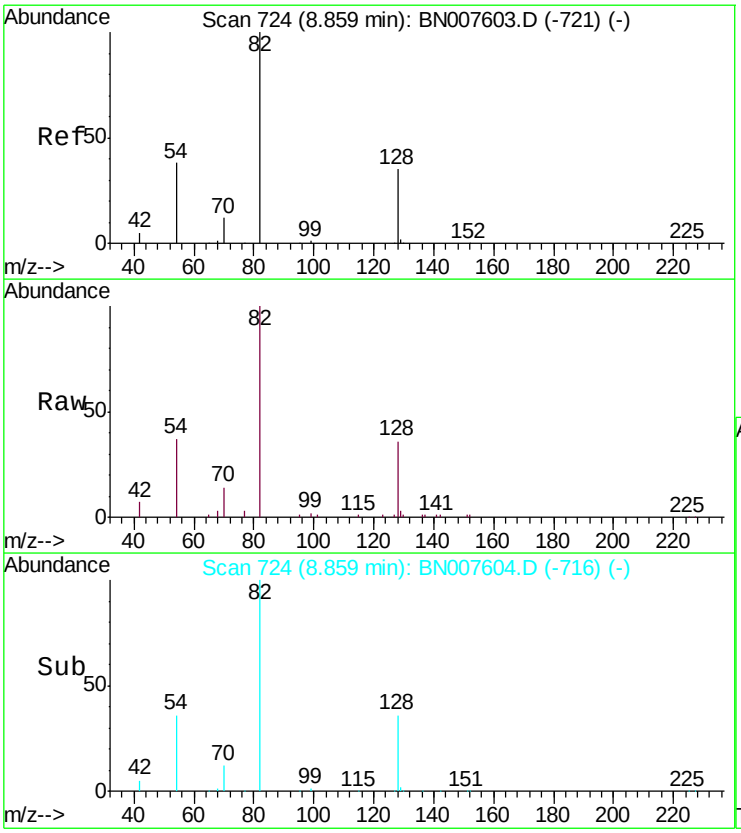
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 29905

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.2	4.2	6.4
68	5.8	4.6	7.0

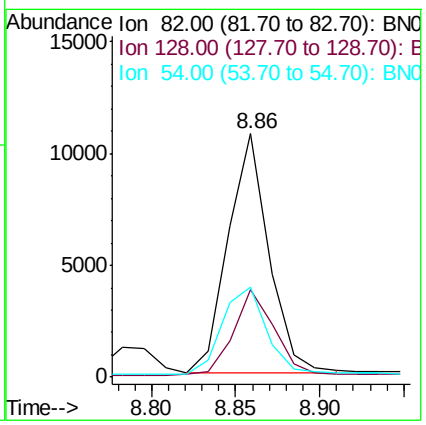


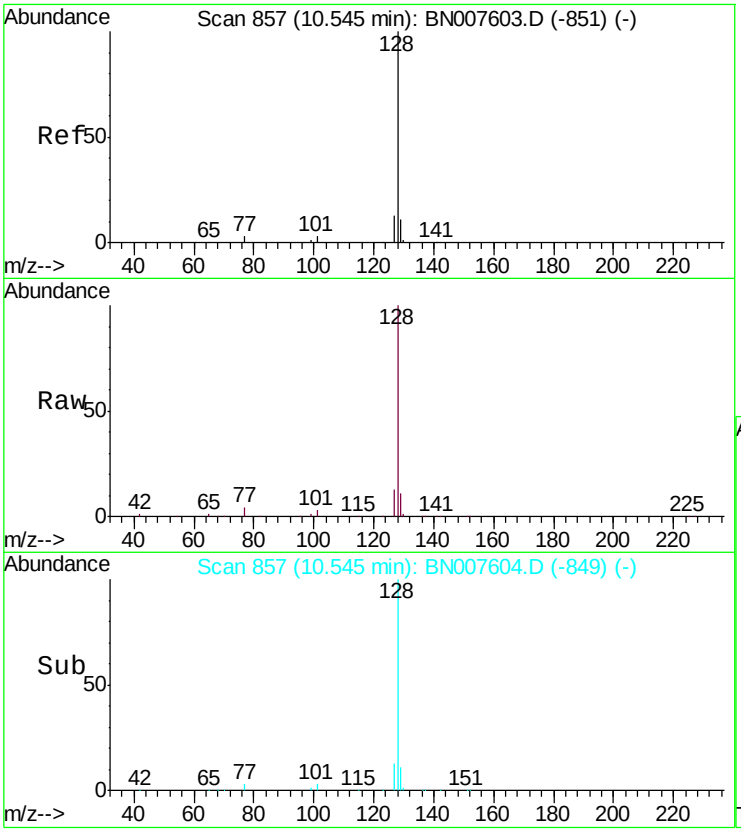


#8
Nitrobenzene-d5
Concen: 0.986 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion: 82 Resp: 17967

Ion	Ratio	Lower	Upper
82	100		
128	35.9	27.9	41.9
54	36.9	30.9	46.3



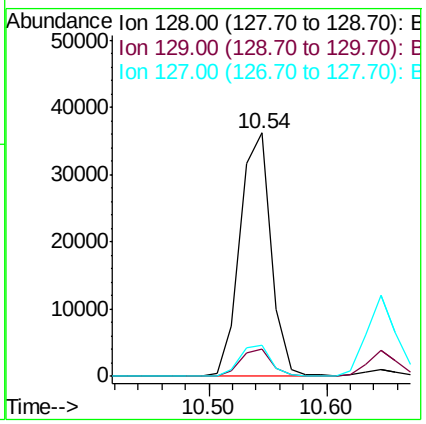


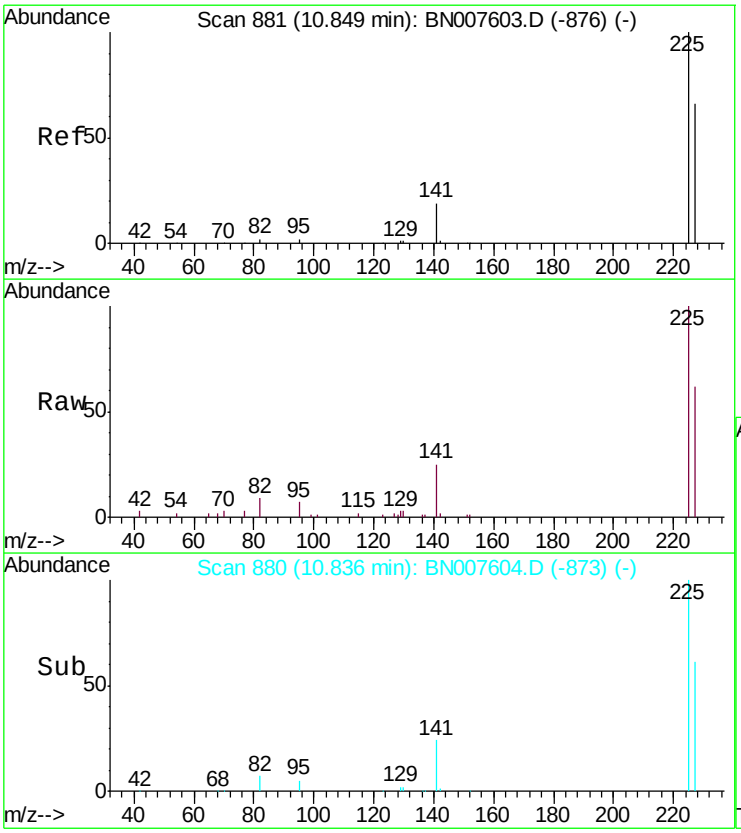
#9
Naphthalene
Concen: 0.780 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 65635

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.7	10.4	15.6

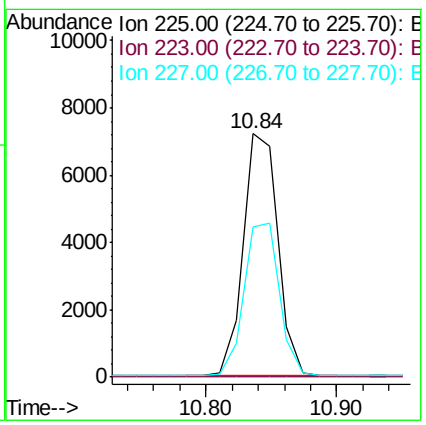


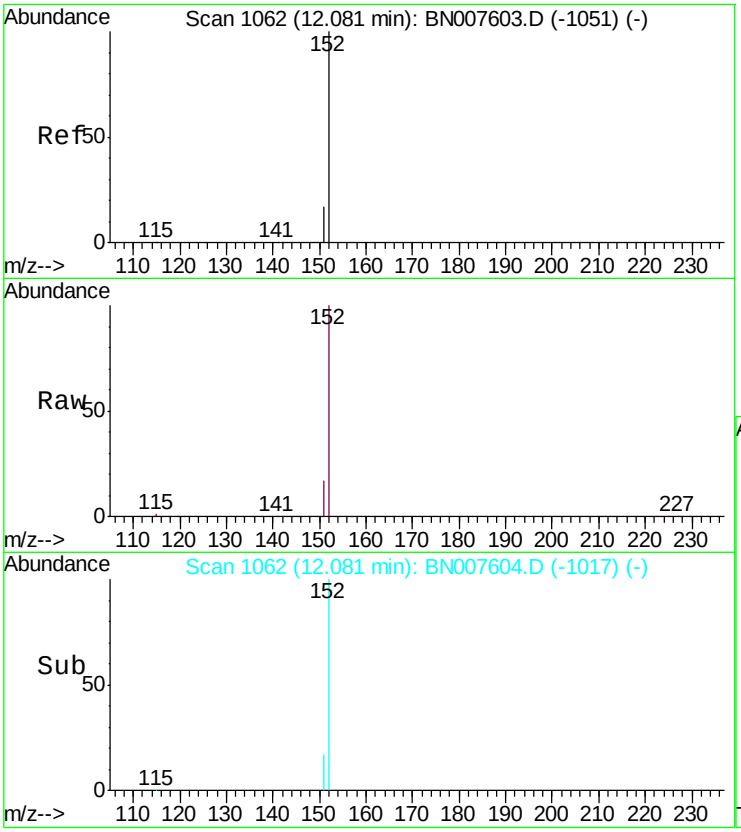


#10
Hexachlorobutadiene
Concen: 0.779 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:225 Resp: 13131

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.3	76.9



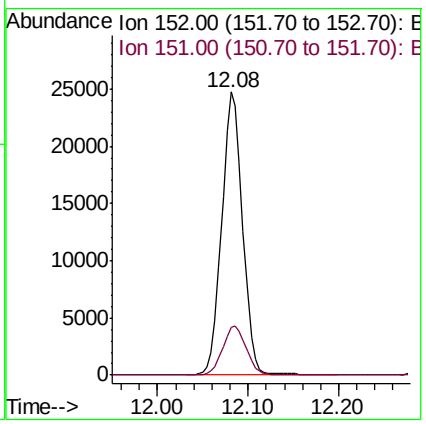


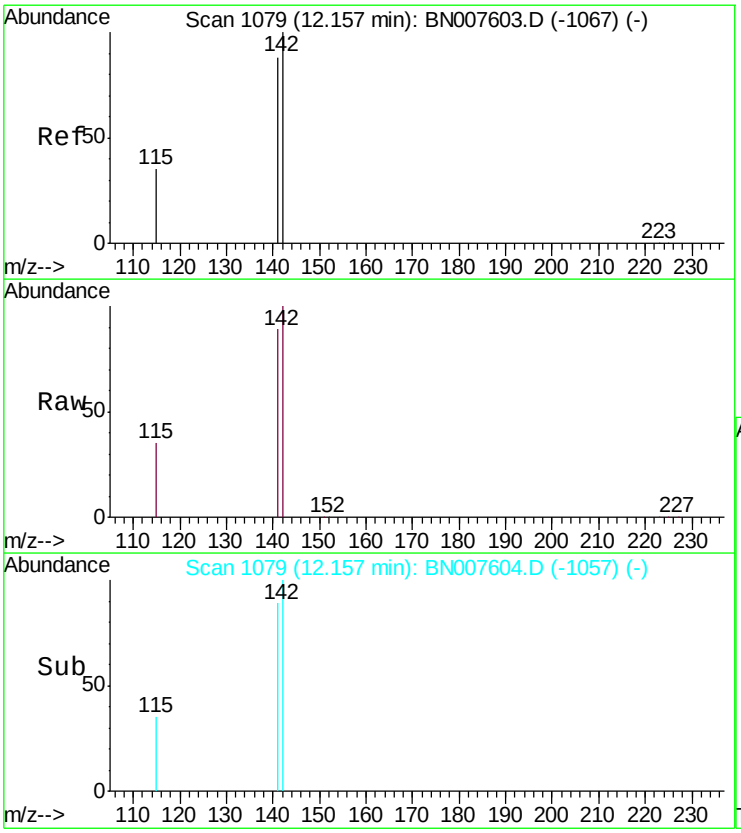
#11
2-Methylnaphthalene-d10
Concen: 0.752 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 38818

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

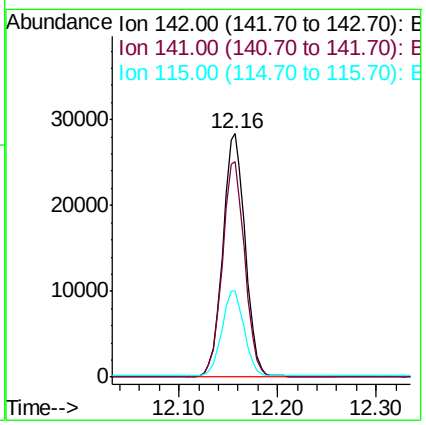


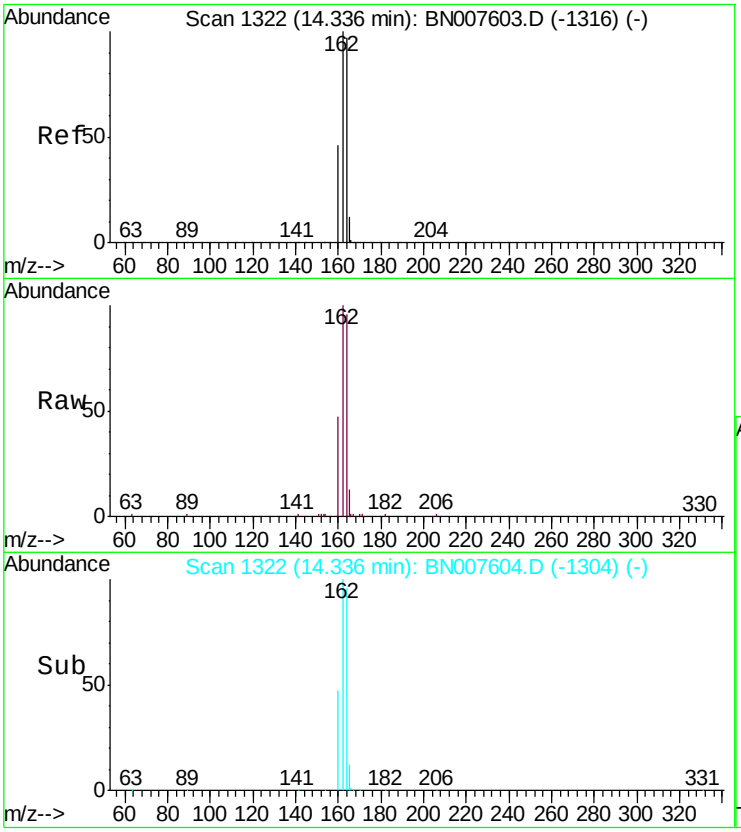


#12
2-Methylnaphthalene
Concen: 0.751 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:142 Resp: 44310

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7
115	35.2	28.4	42.6



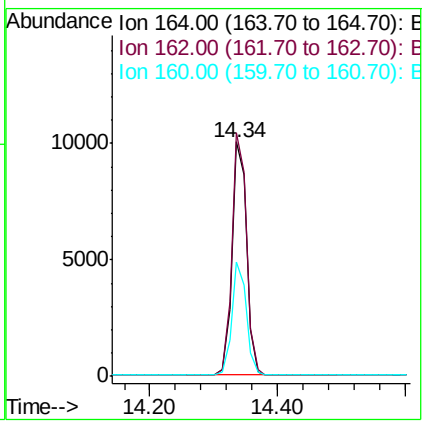


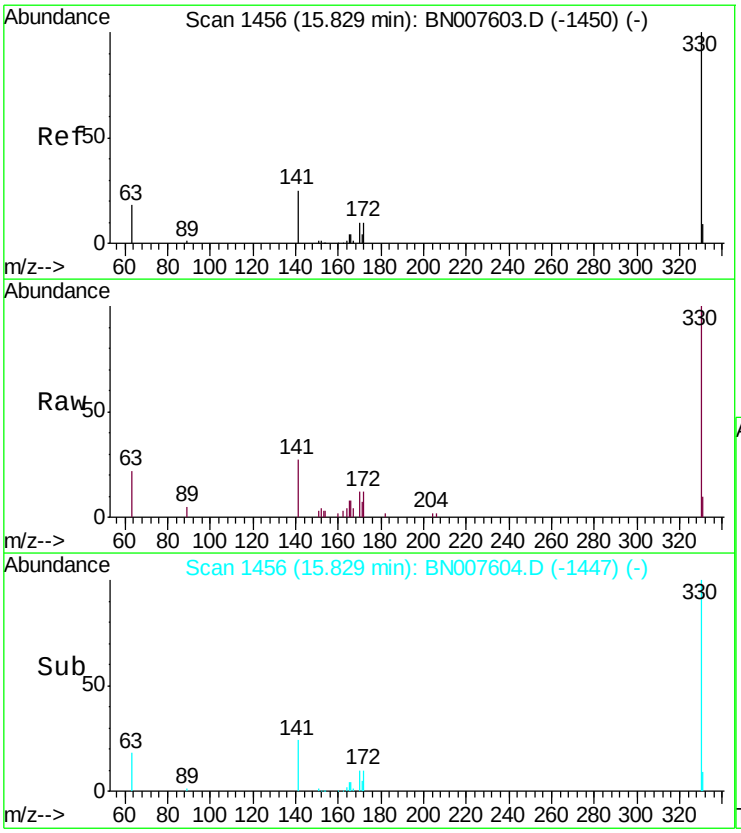
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 15922

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	48.9	38.0	57.0

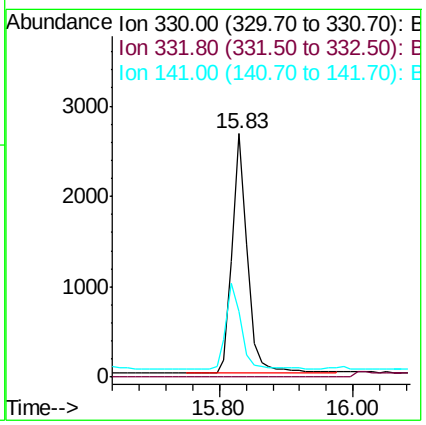


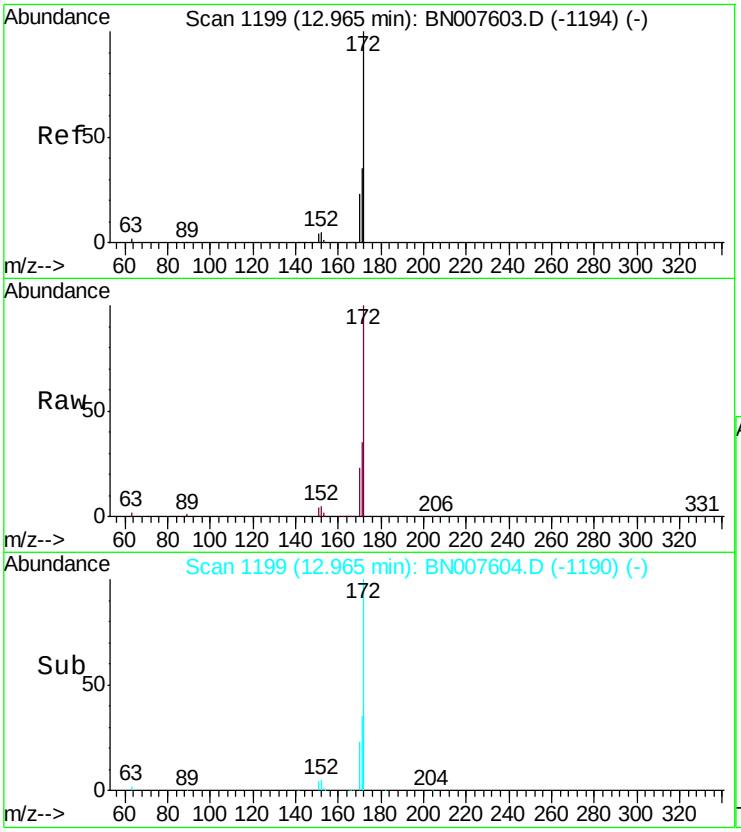


#14
2,4,6-Tribromophenol
Concen: 0.682 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:330 Resp: 4129

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	30.1	45.1



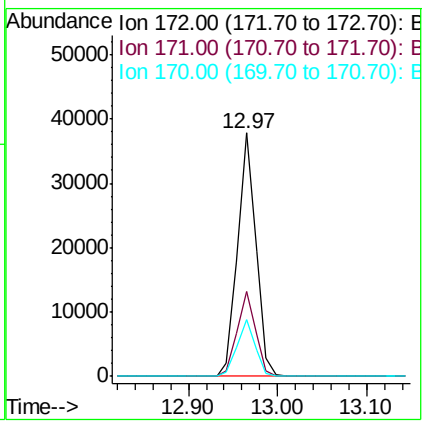


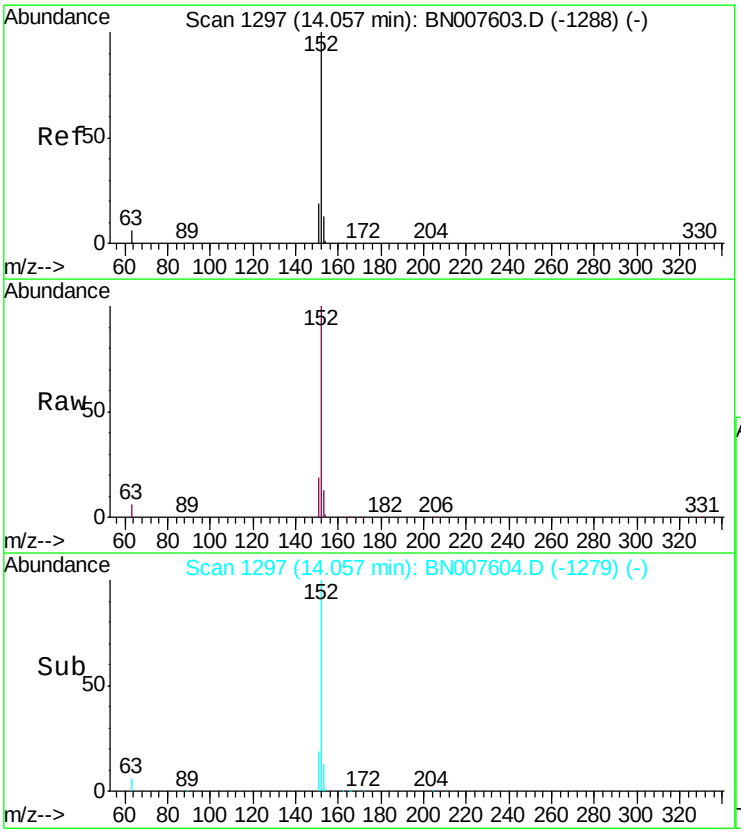
#15
2-Fluorobiphenyl
Concen: 0.812 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 53418

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.1	18.5	27.7

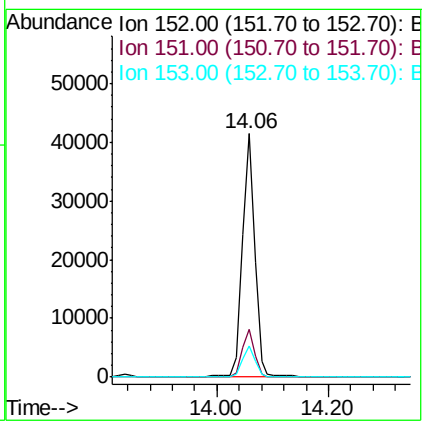


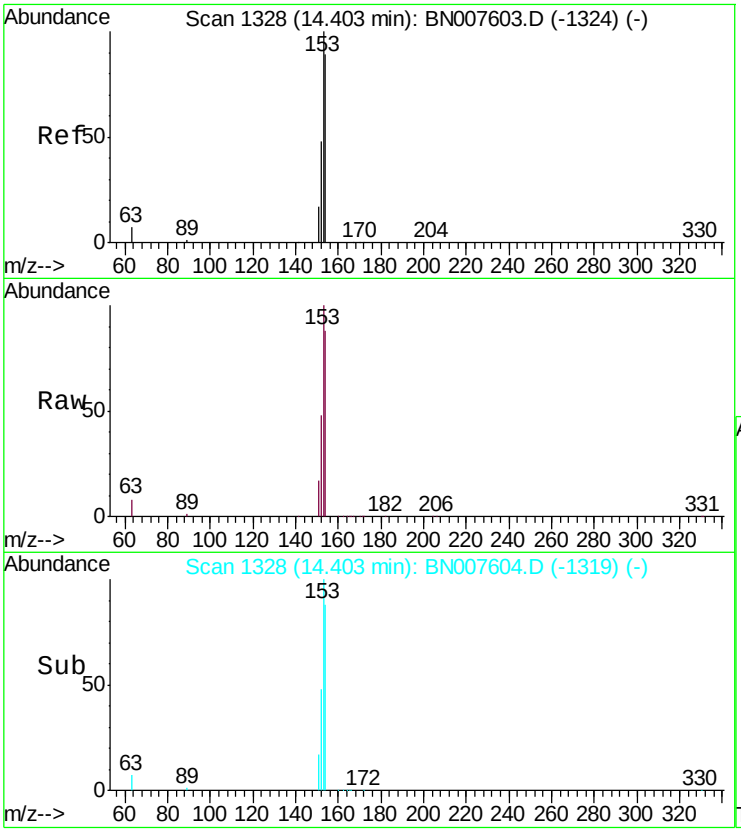


#16
Acenaphthylene
Concen: 0.729 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:152 Resp: 62318

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.4	15.6



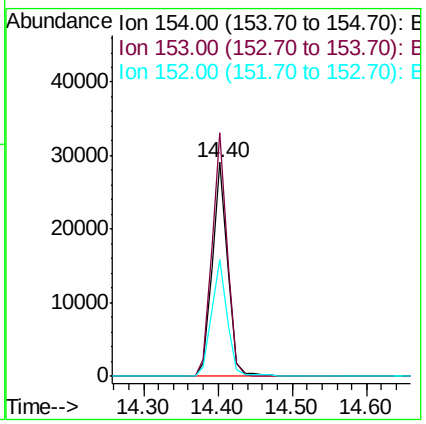


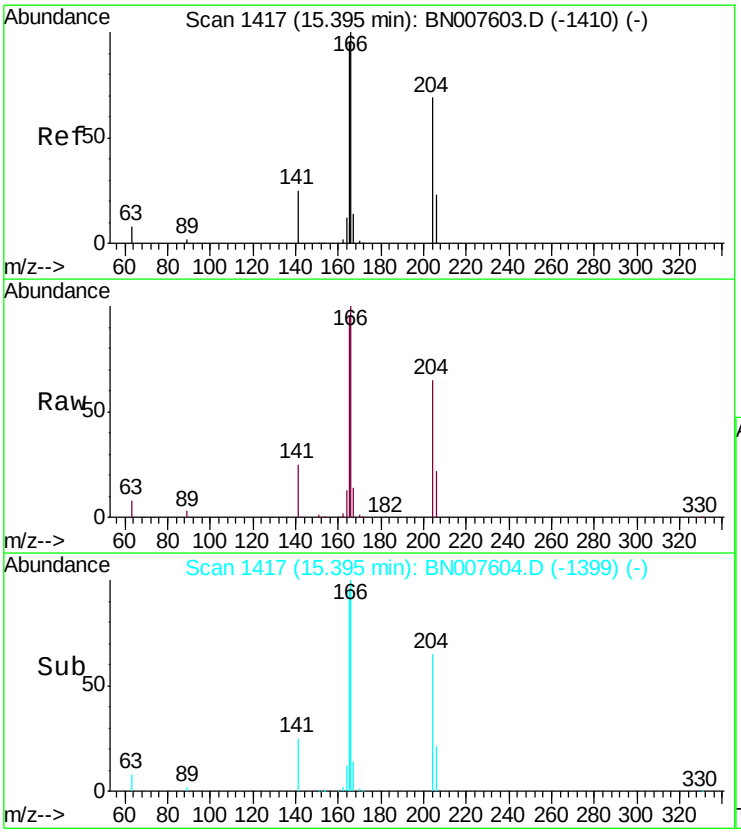
#17
Acenaphthene
Concen: 0.767 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 41438

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.8	134.8
152	55.0	43.8	65.8

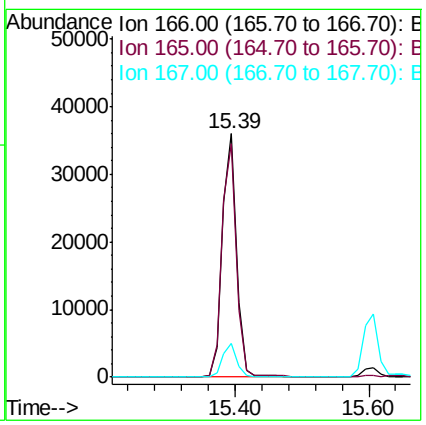


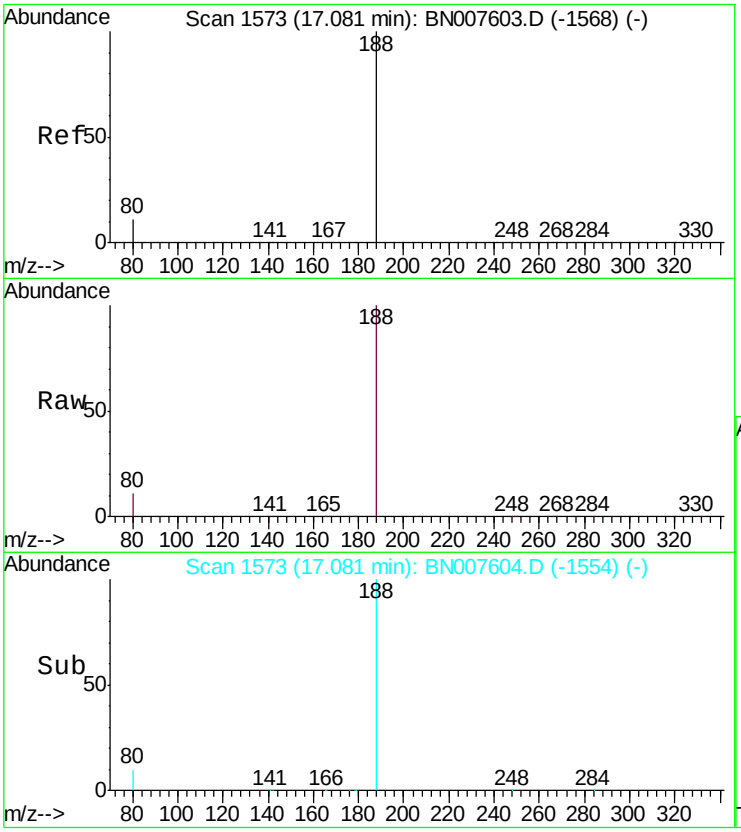


#18
Fluorene
Concen: 0.742 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:166 Resp: 52808

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.6
167	13.5	10.8	16.2



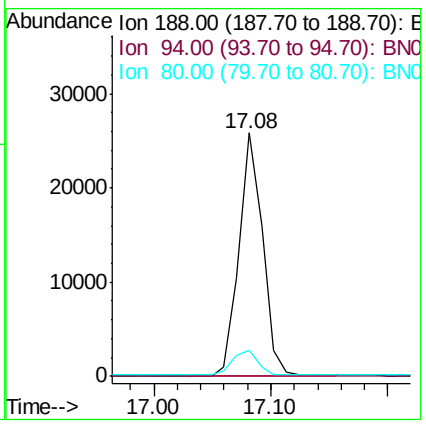


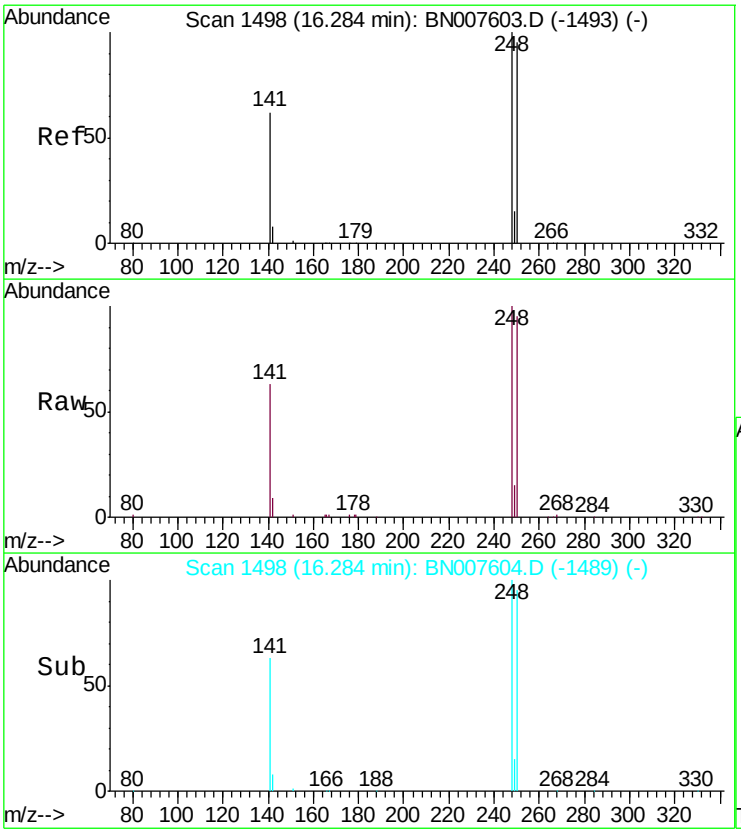
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 36011

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.8	13.2

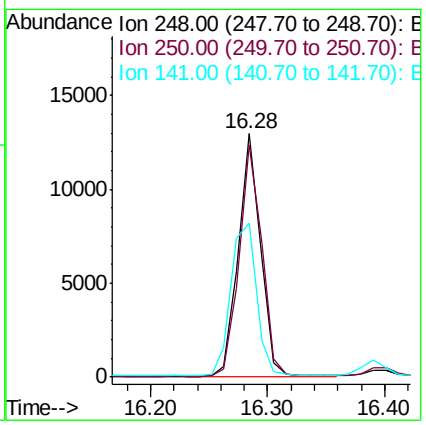


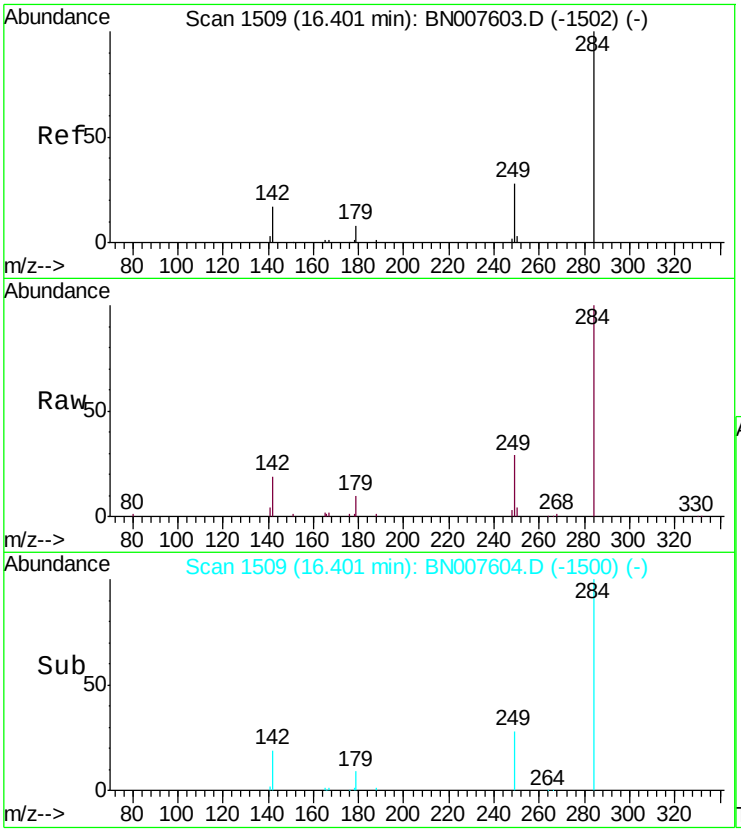


#20
4-Bromophenyl-phenylether
Concen: 0.788 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:248 Resp: 16790

Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.3	114.5
141	63.1	49.7	74.5



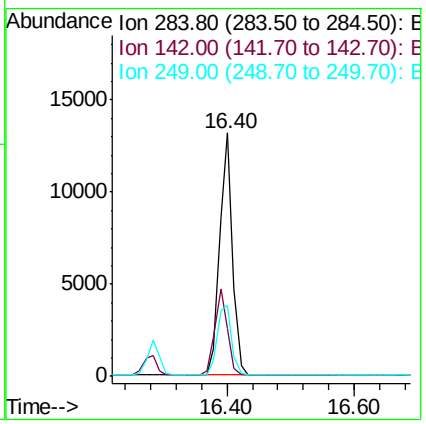


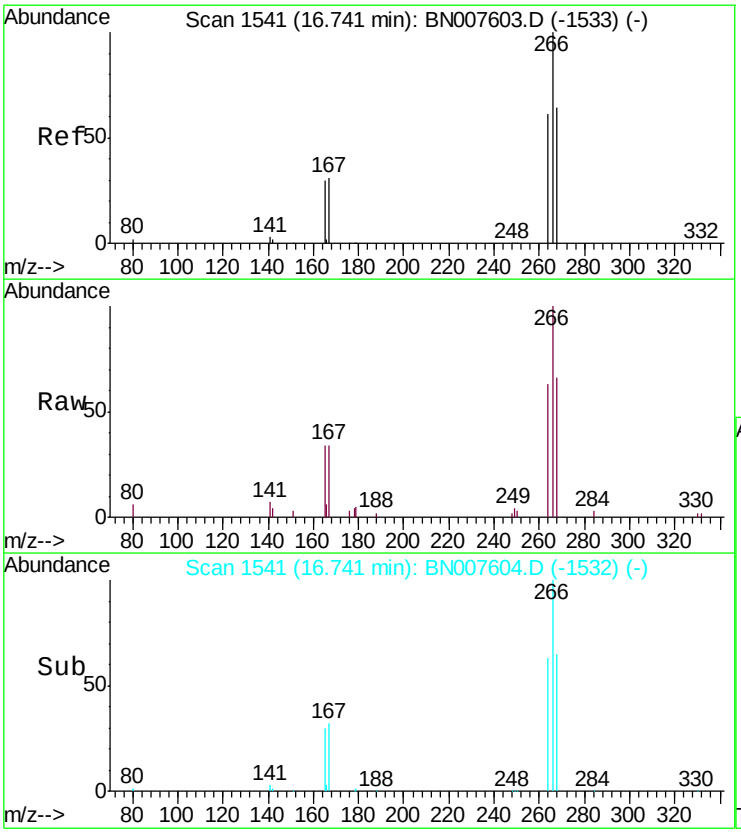
#21
Hexachlorobenzene
Concen: 0.813 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 18212

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.8	41.6
249	32.2	25.5	38.3

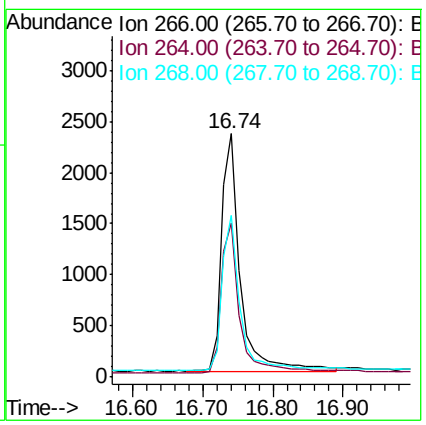


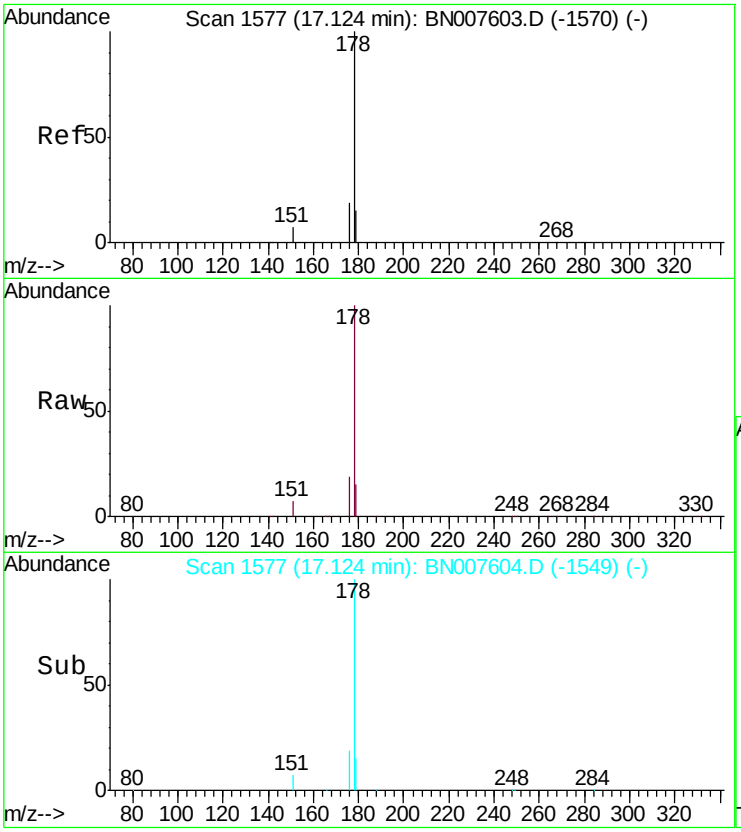


#22
Pentachlorophenol
Concen: 0.689 ng
RT: 16.74 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:266 Resp: 4288

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.0
268	66.4	53.0	79.6



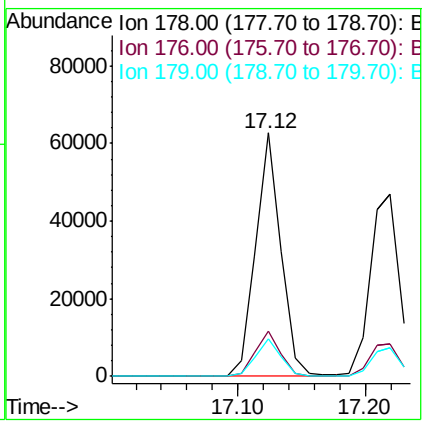


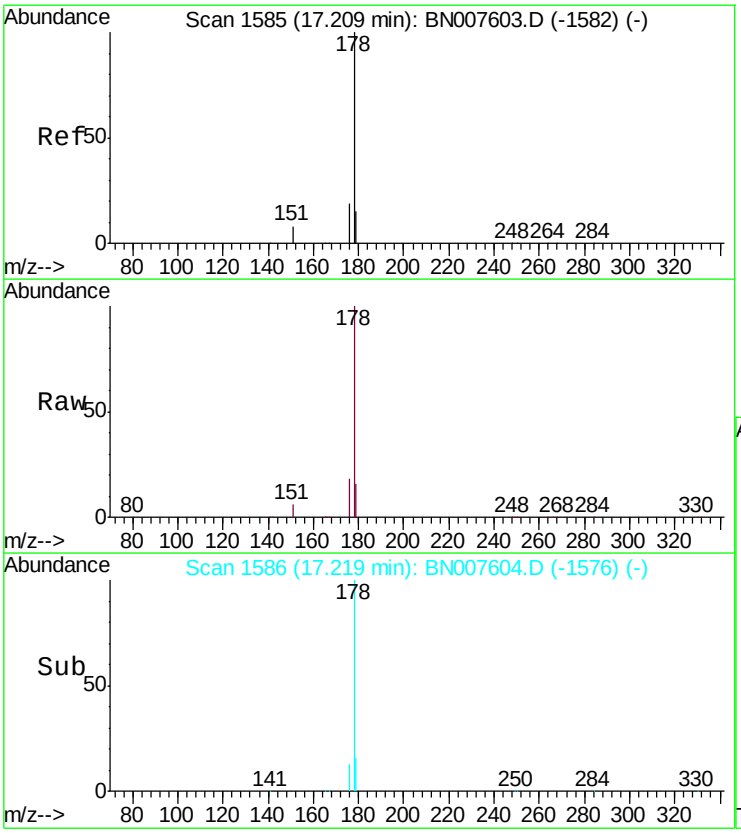
#23
Phenanthrene
Concen: 0.776 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 86302

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

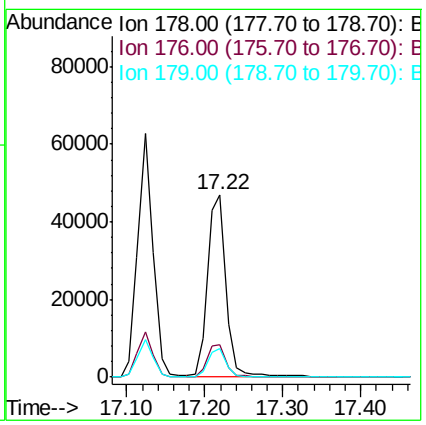


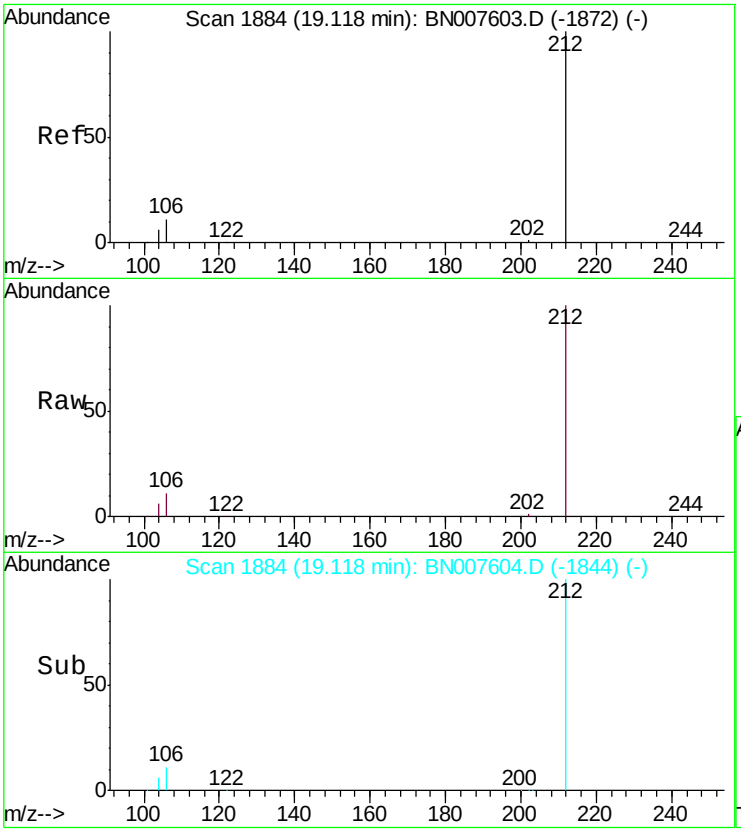


#24
Anthracene
Concen: 0.737 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:178 Resp: 75551

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.2	12.4	18.6



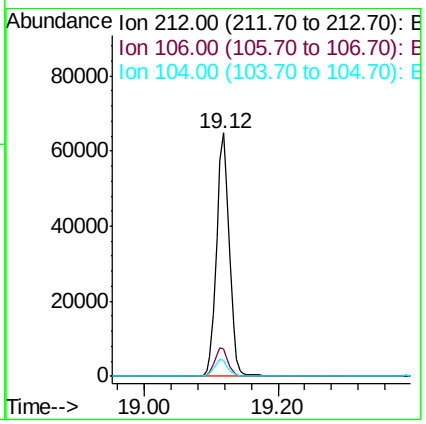


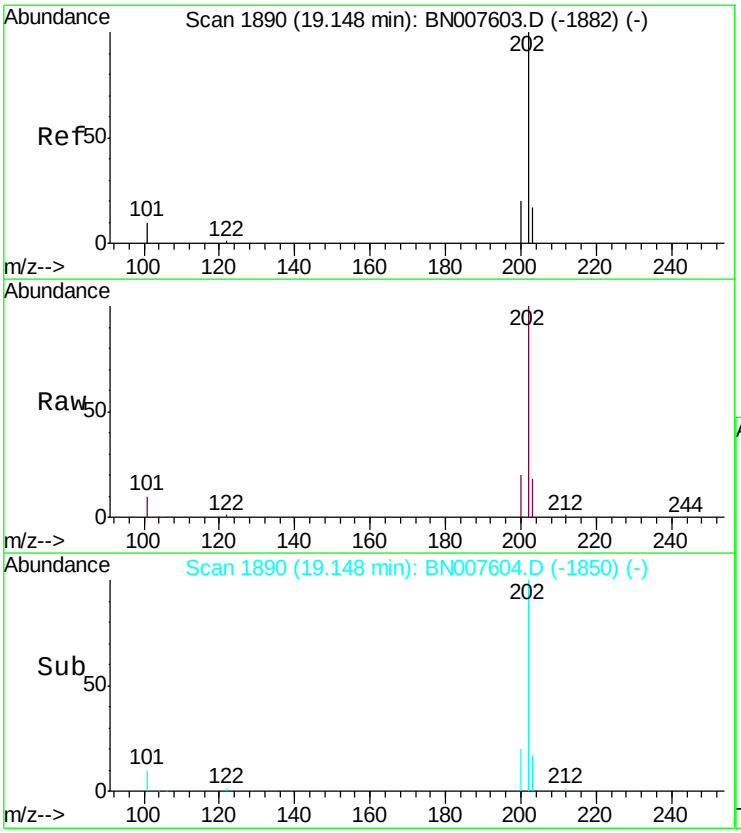
#25
Fluoranthene-d10
Concen: 0.739 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 86440

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.7	5.4	8.0

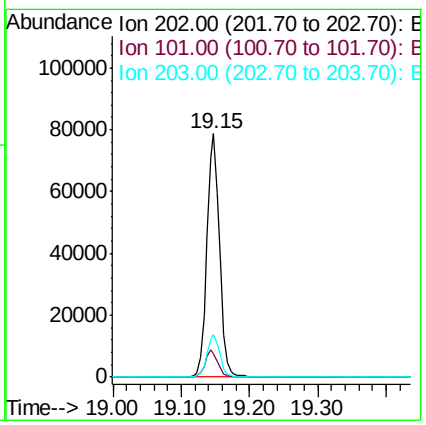


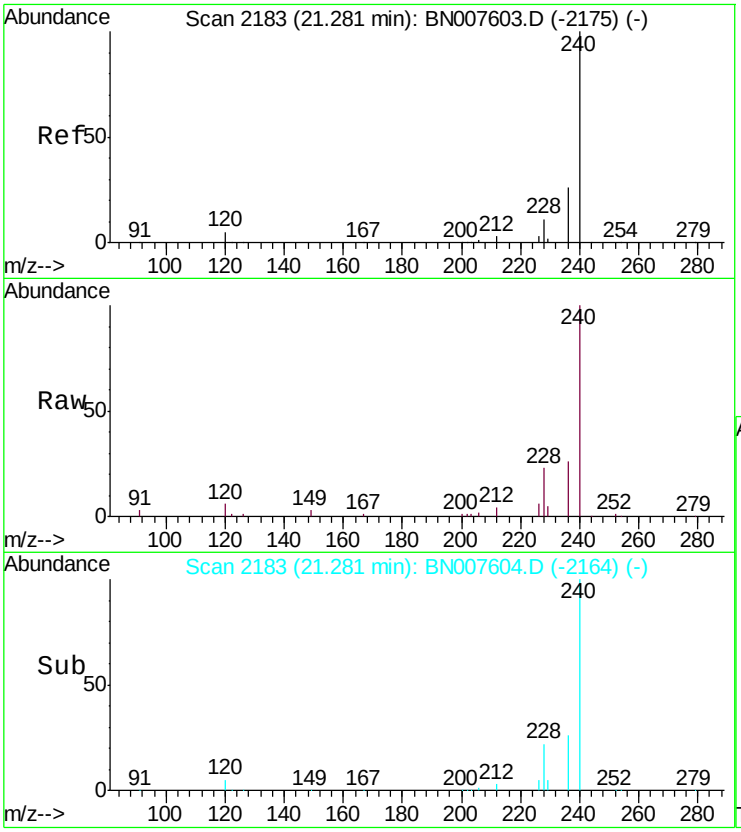


#26
Fluoranthene
Concen: 0.750 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:202 Resp: 101190

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
203	17.4	13.8	20.6



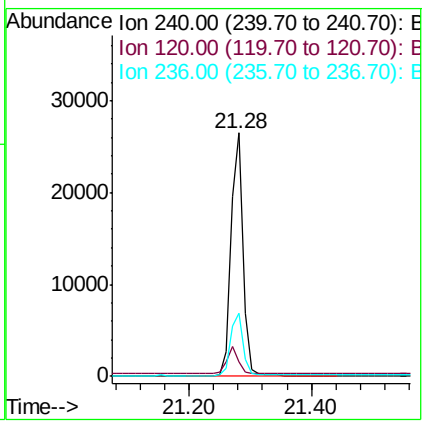


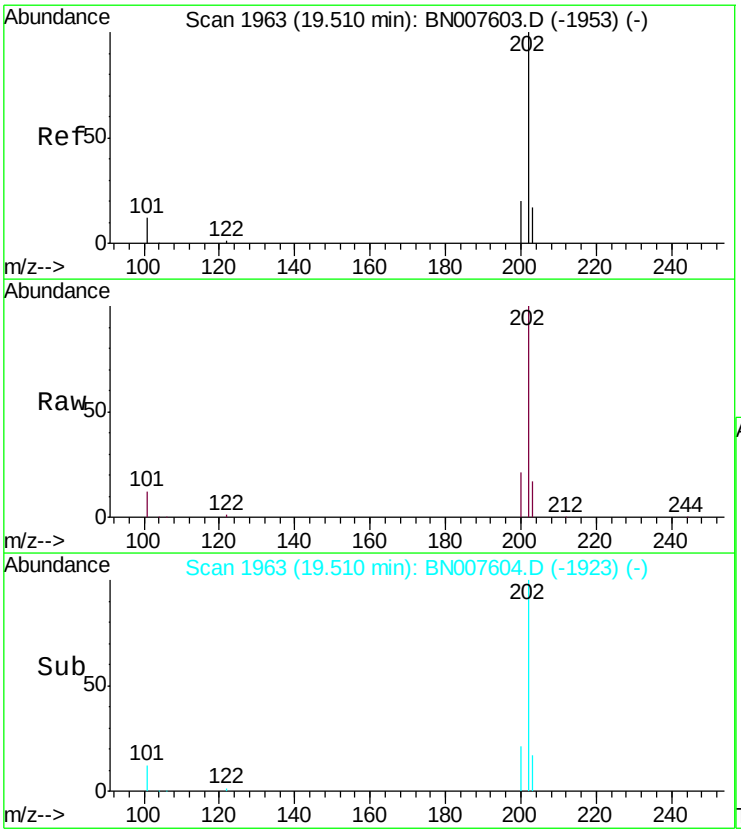
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 36161

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.3	6.5
236	25.9	20.8	31.2

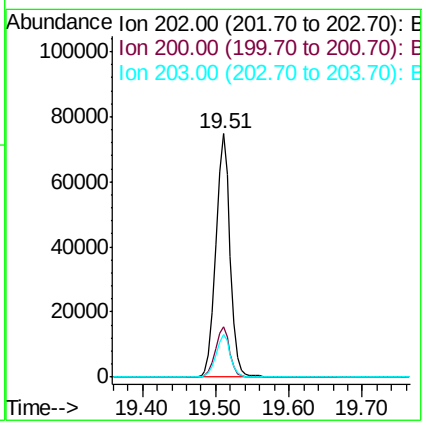


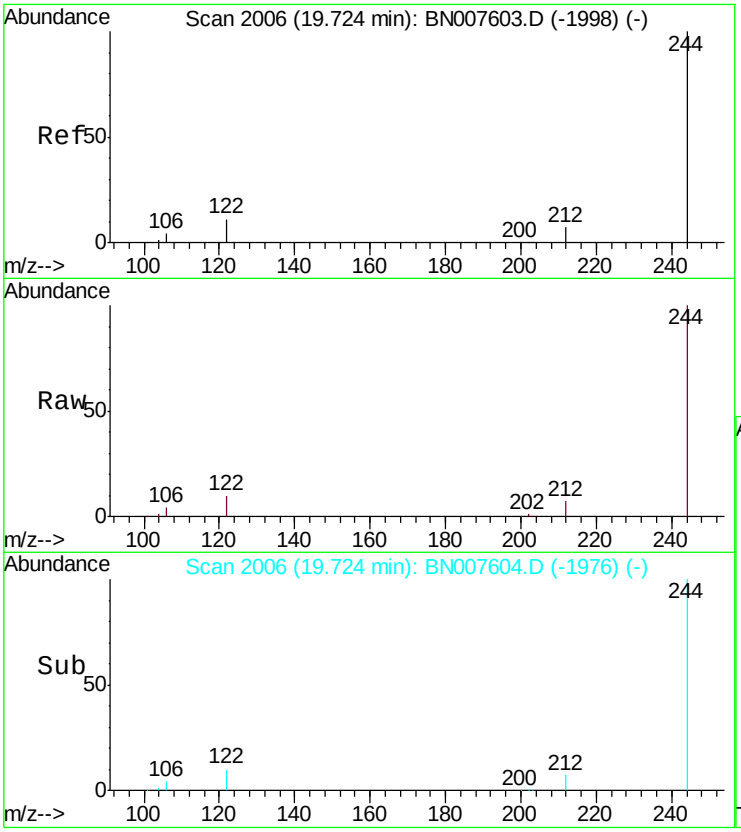


#28
Pyrene
Concen: 0.768 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:202 Resp: 99795

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.5	14.0	21.0



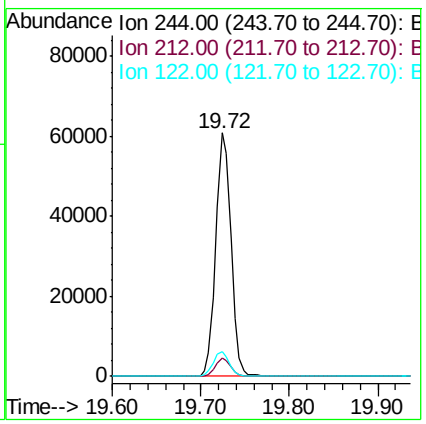


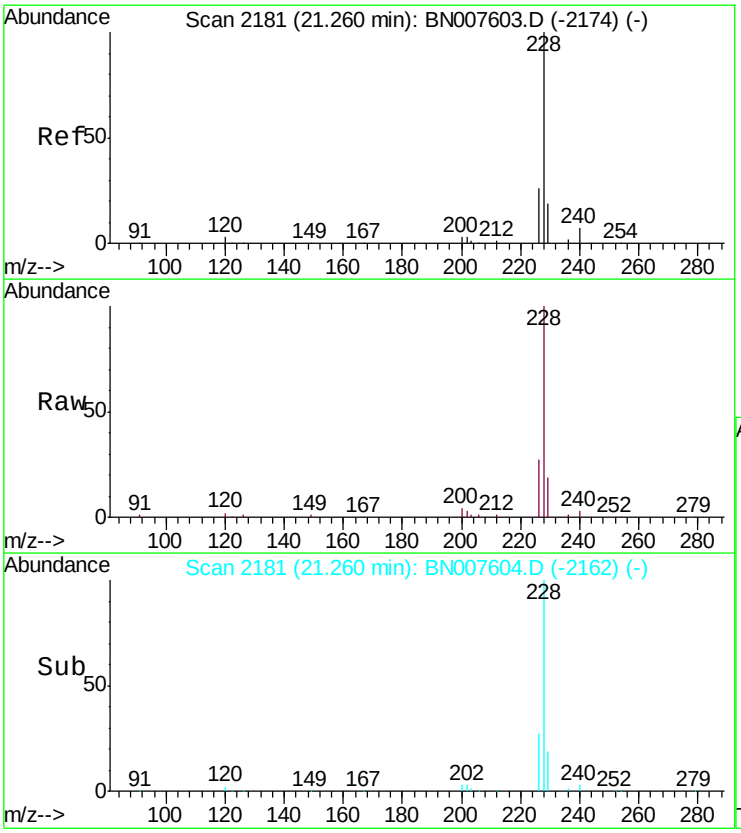
#29
Terphenyl-d14
Concen: 0.768 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 72248

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	8.6	12.8

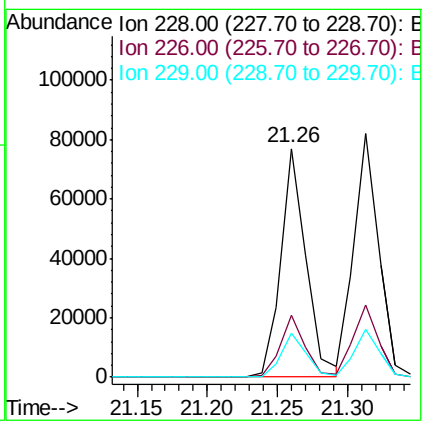


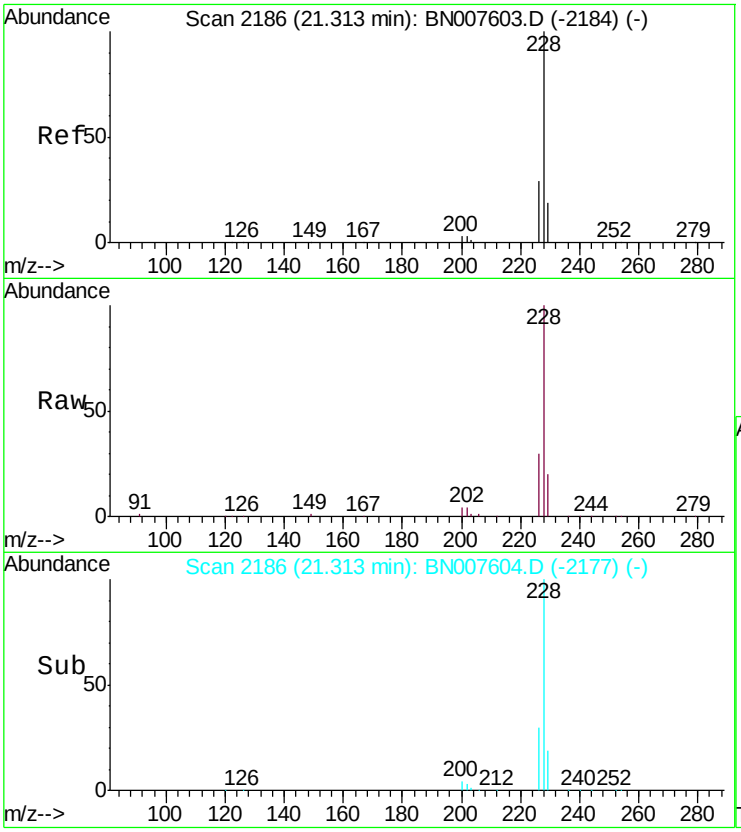


#30
Benzo(a)anthracene
Concen: 0.751 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:228 Resp: 97112

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	19.4	15.5	23.3



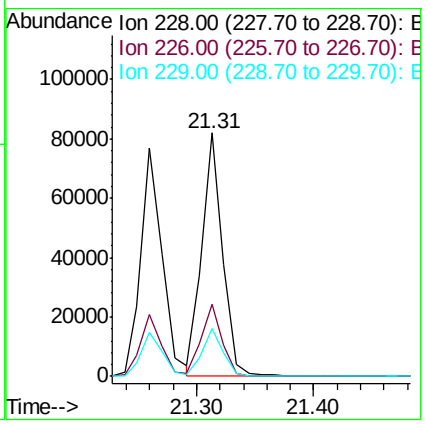


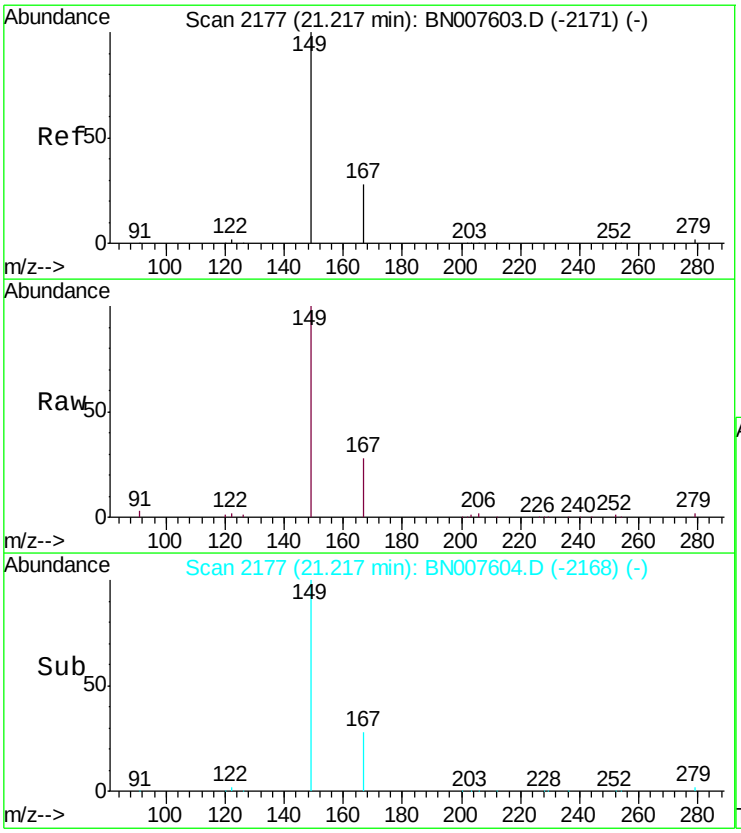
#31
Chrysene
Concen: 0.769 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 101096

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.5	15.5	23.3

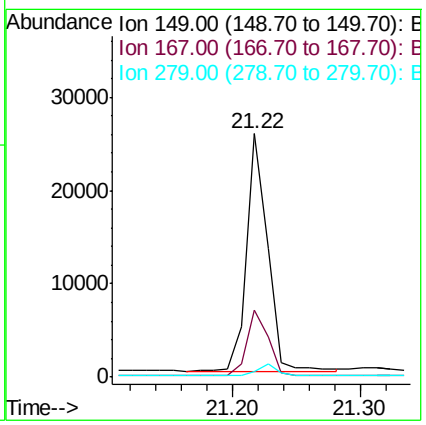


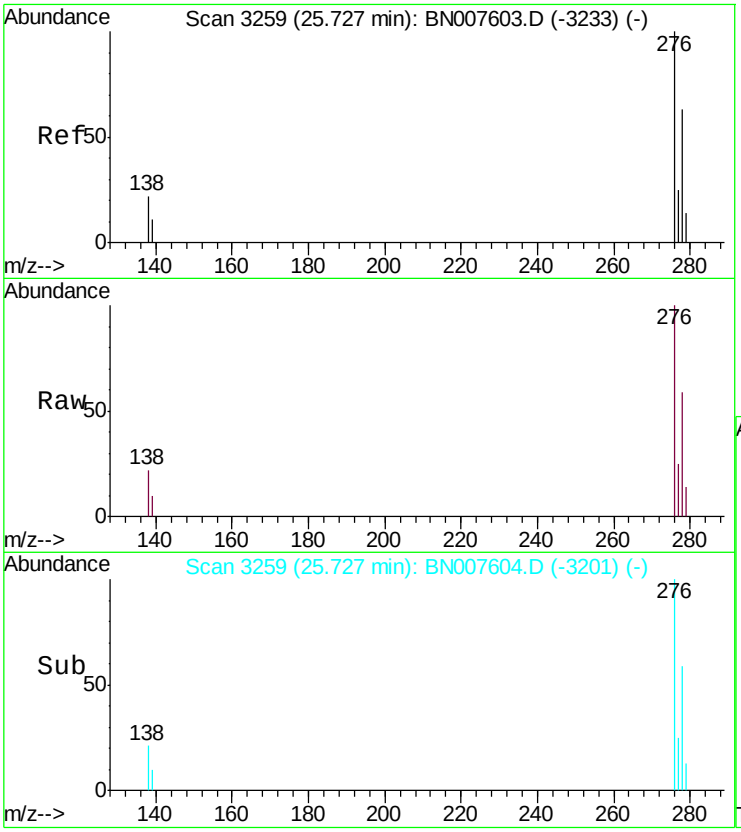


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.653 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:149 Resp: 28933

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.0	3.8	5.6



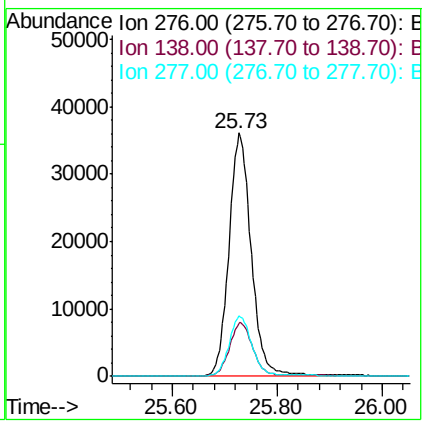


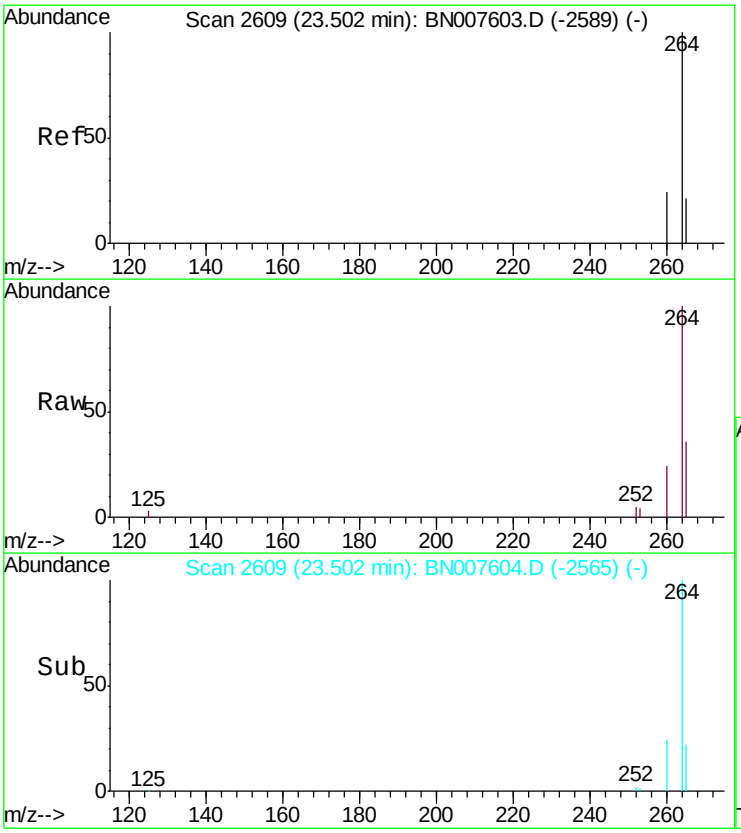
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.763 ng
RT: 25.73 min Scan# 3259
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 106084

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	25.0	20.1	30.1

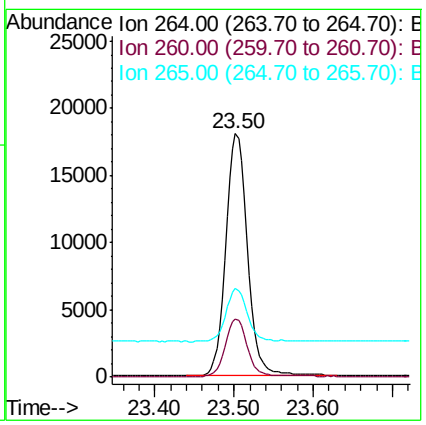


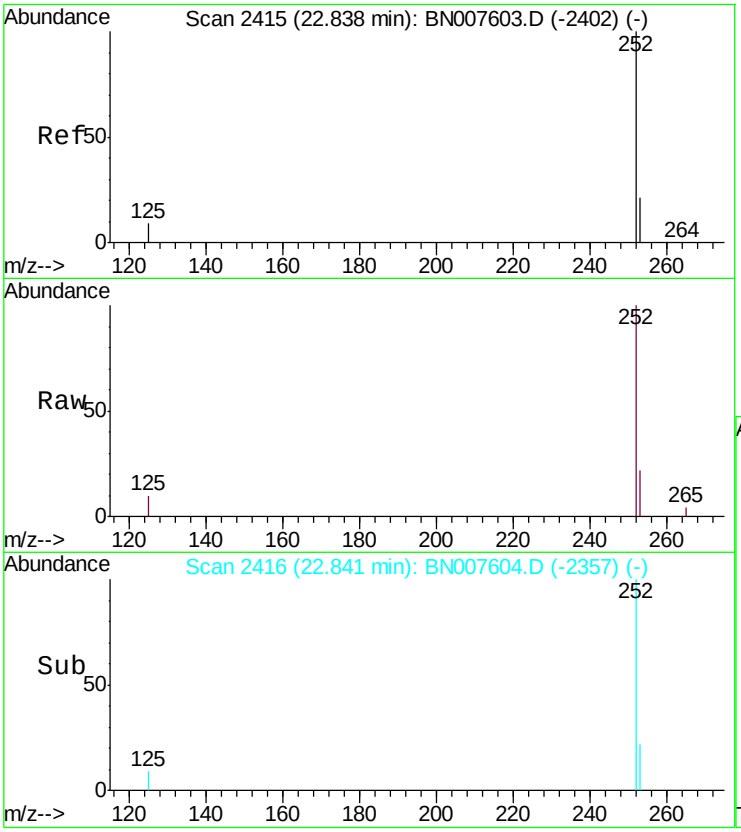


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:264 Resp: 34455

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	36.3	24.6	37.0



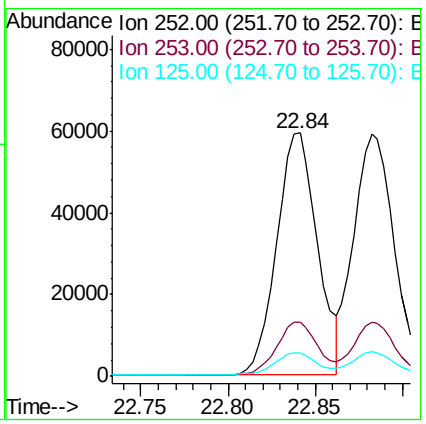


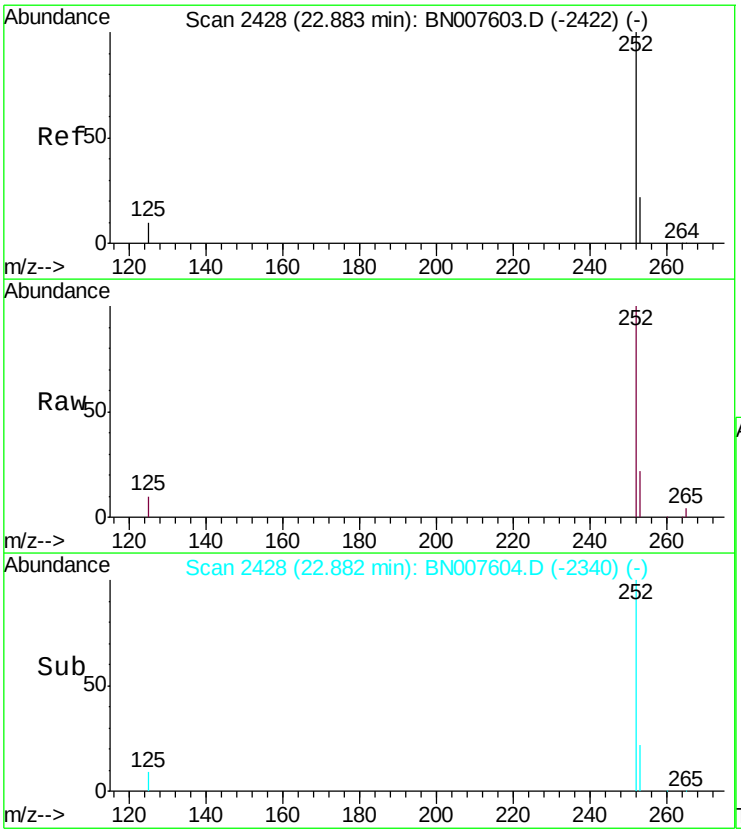
#35
Benzo(b)fluoranthene
Concen: 0.786 ng
RT: 22.84 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 96342

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.6	8.0	12.0

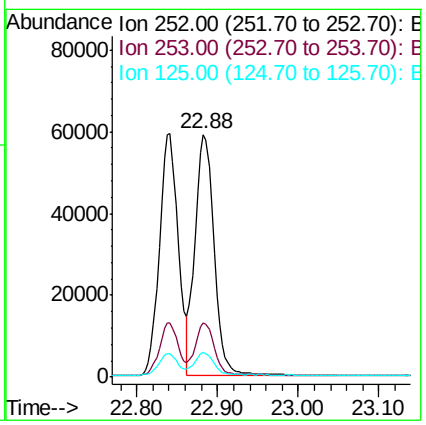


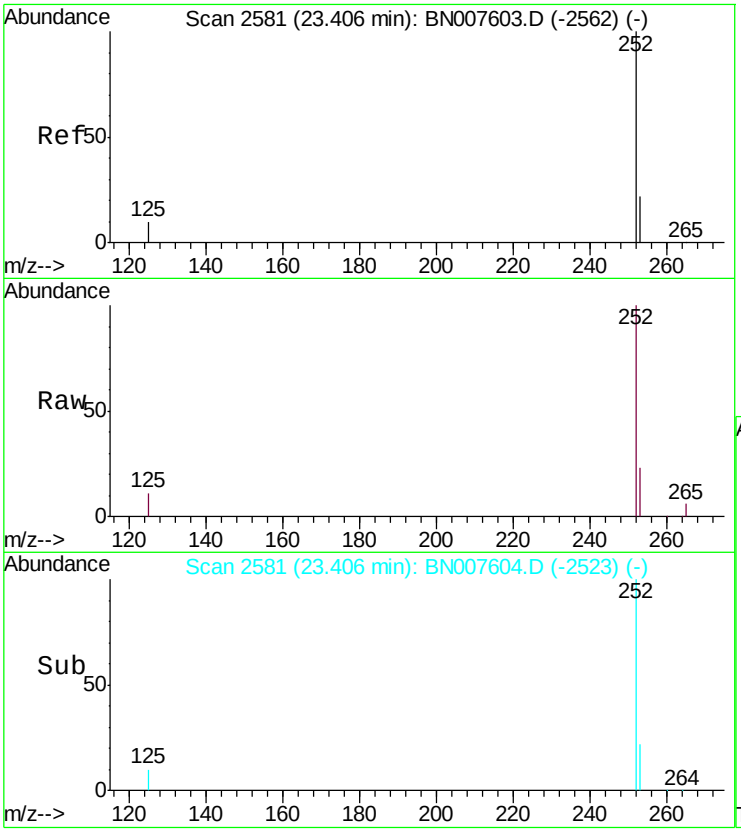


#36
Benzo(k)fluoranthene
Concen: 0.801 ng
RT: 22.88 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:252 Resp: 96994

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	10.1	8.9	13.3



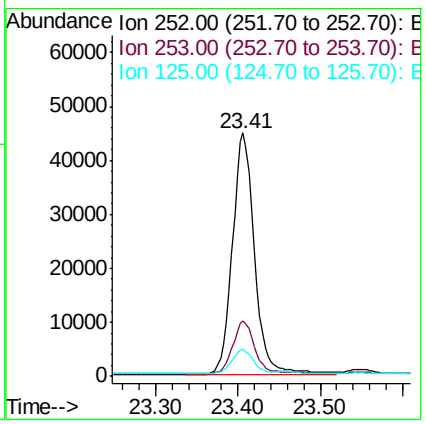


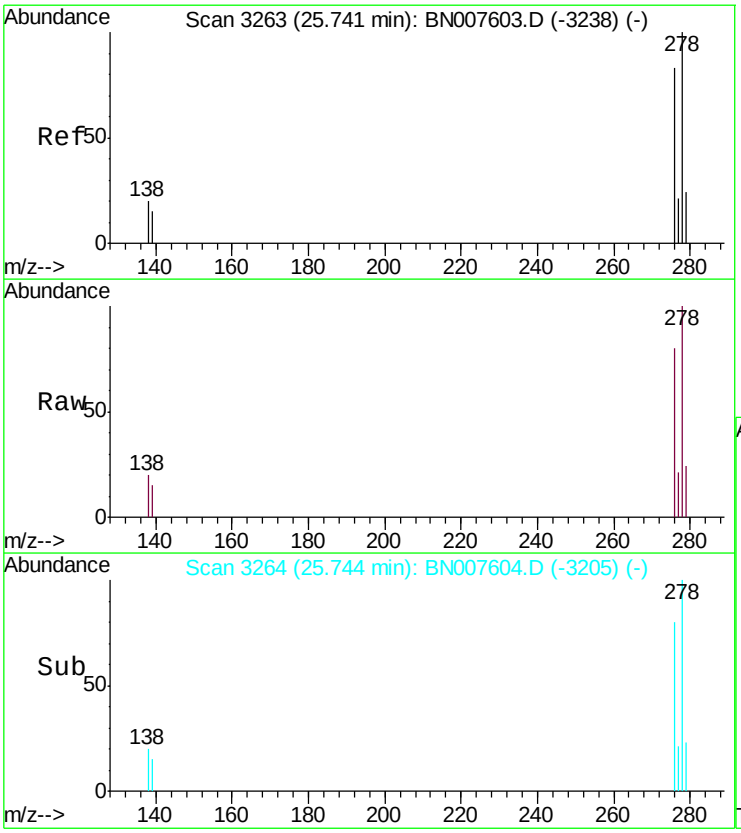
#37
Benzo(a)pyrene
Concen: 0.767 ng
RT: 23.41 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 83521

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	11.0	8.9	13.3

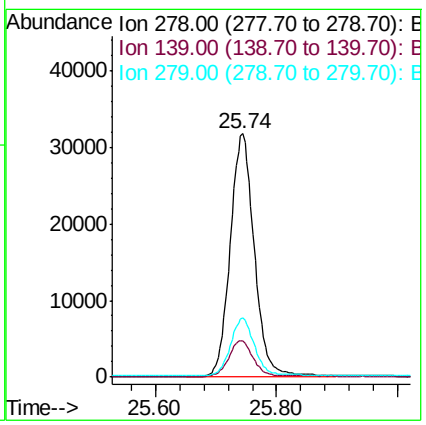


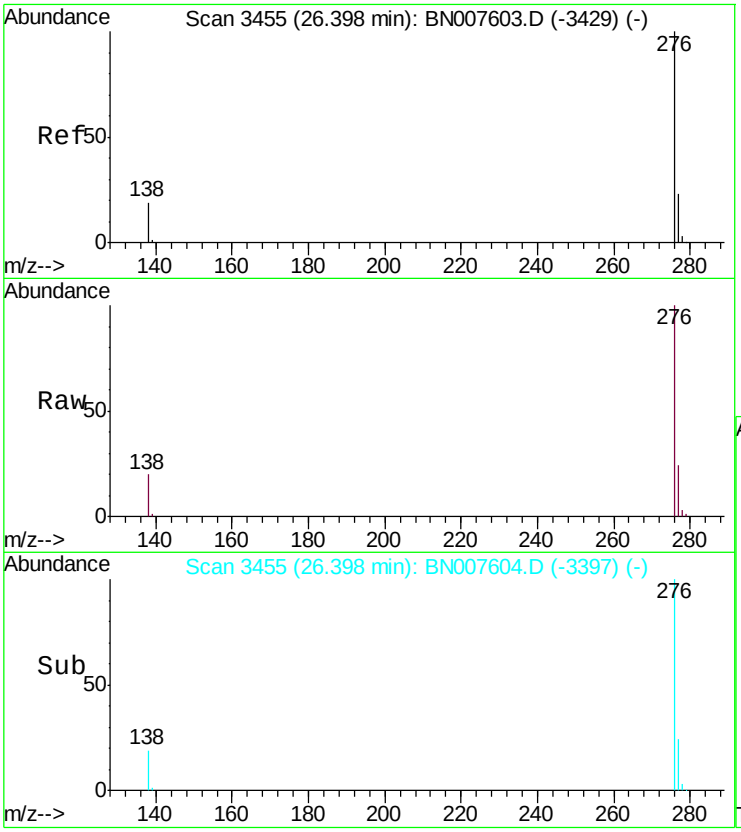


#38
Dibenzo(a,h)anthracene
Concen: 0.802 ng
RT: 25.74 min Scan# 3264
Delta R.T. 0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Tgt Ion:278 Resp: 87733

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	18.8
279	24.1	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.789 ng
RT: 26.40 min Scan# 3455
Delta R.T. -0.00 min
Lab File: BN007604.D
Acq: 12 Sep 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 87359

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	19.5	15.8	23.6