Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007602.D
Acq On : 12 Sep 2019 11:01
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 12 13:11:31 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

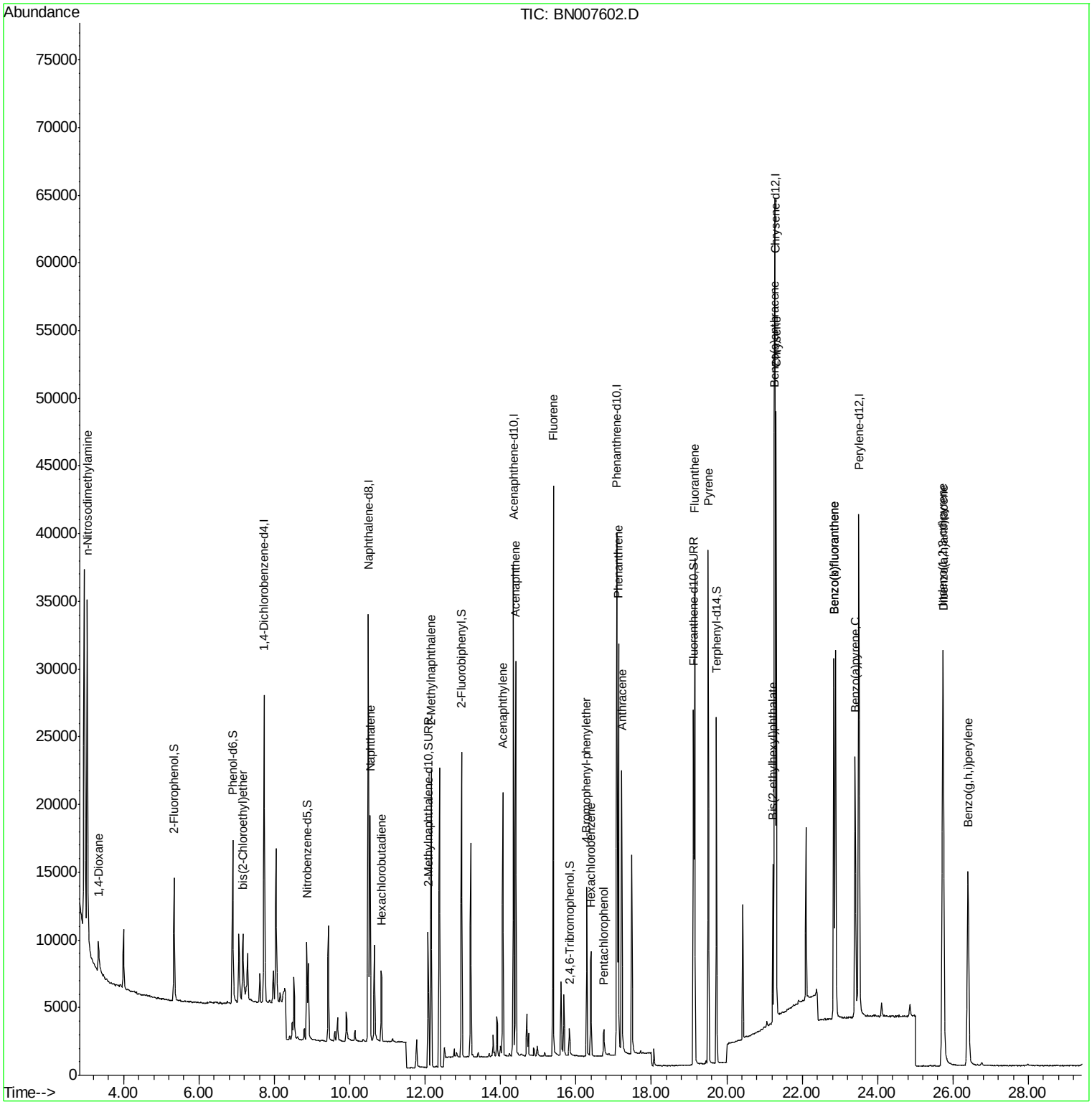
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	10634	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	42204	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	22178	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	50073	0.40	ng		0.00
27) Chrysene-d12	21.28	240	48371	0.40	ng		0.00
34) Perylene-d12	23.50	264	49639	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	8268	0.26	ng		0.00
5) Phenol-d6	6.90	99	13452	0.27	ng		0.00
8) Nitrobenzene-d5	8.86	82	6362	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	13617	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1705	0.20	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	18979	0.21	ng		0.00
25) Fluoranthene-d10	19.12	212	29483	0.18	ng		0.00
29) Terphenyl-d14	19.72	244	25545	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2042	0.182	ng		92
3) n-Nitrosodimethylamine	3.03	42	3709	0.584	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	5452	0.260	ng		98
9) Naphthalene	10.54	128	23471	0.198	ng		100
10) Hexachlorobutadiene	10.84	225	4762	0.200	ng	#	100
12) 2-Methylnaphthalene	12.16	142	15495	0.186	ng		99
16) Acenaphthylene	14.06	152	21110	0.177	ng		100
17) Acenaphthene	14.40	154	14077	0.187	ng		98
18) Fluorene	15.39	166	17816	0.180	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	5769	0.195	ng		99
21) Hexachlorobenzene	16.40	284	6371	0.205	ng		100
22) Pentachlorophenol	16.74	266	1328	0.153	ng		98
23) Phenanthrene	17.12	178	29833	0.193	ng		100
24) Anthracene	17.22	178	25649	0.180	ng		100
26) Fluoranthene	19.15	202	34015	0.181	ng		100
28) Pyrene	19.51	202	34576	0.199	ng		100
30) Benzo(a)anthracene	21.26	228	32471	0.188	ng		99
31) Chrysene	21.31	228	34494	0.196	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	10679	0.180	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	37546	0.202	ng		100
35) Benzo(b)fluoranthene	22.84	252	33251	0.188	ng		97
36) Benzo(k)fluoranthene	22.84	252	33251	0.191	ng		99
37) Benzo(a)pyrene	23.41	252	29188	0.186	ng	#	96
38) Dibenzo(a,h)anthracene	25.74	278	31073	0.197	ng		98
39) Benzo(g,h,i)perylene	26.40	276	30823	0.193	ng		98

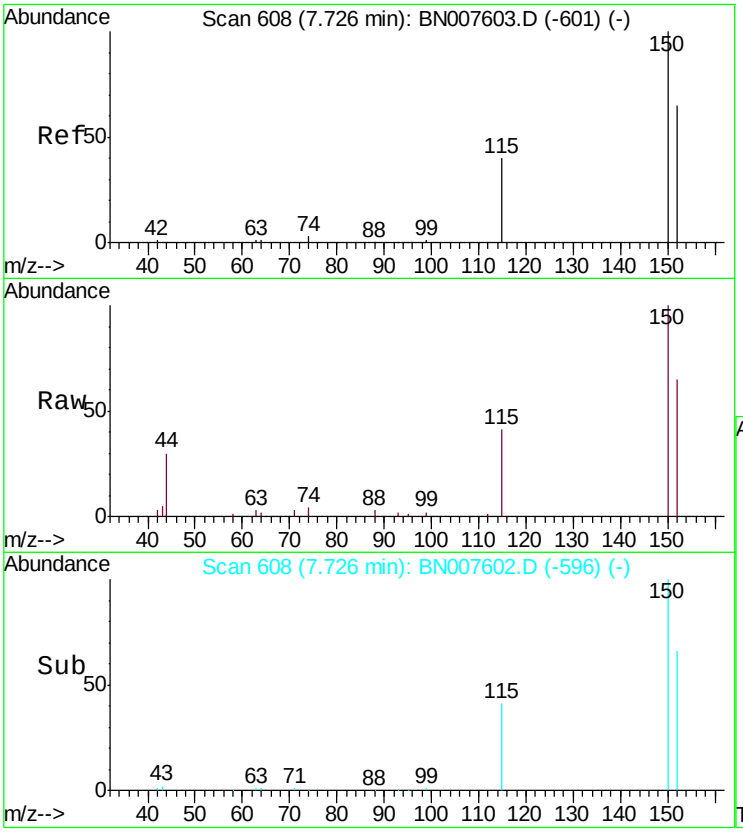
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007602.D
Acq On : 12 Sep 2019 11:01
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 12 13:11:31 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



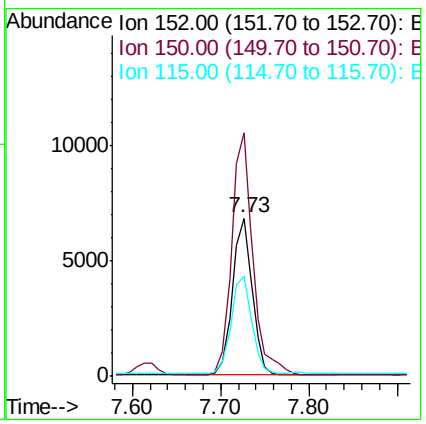


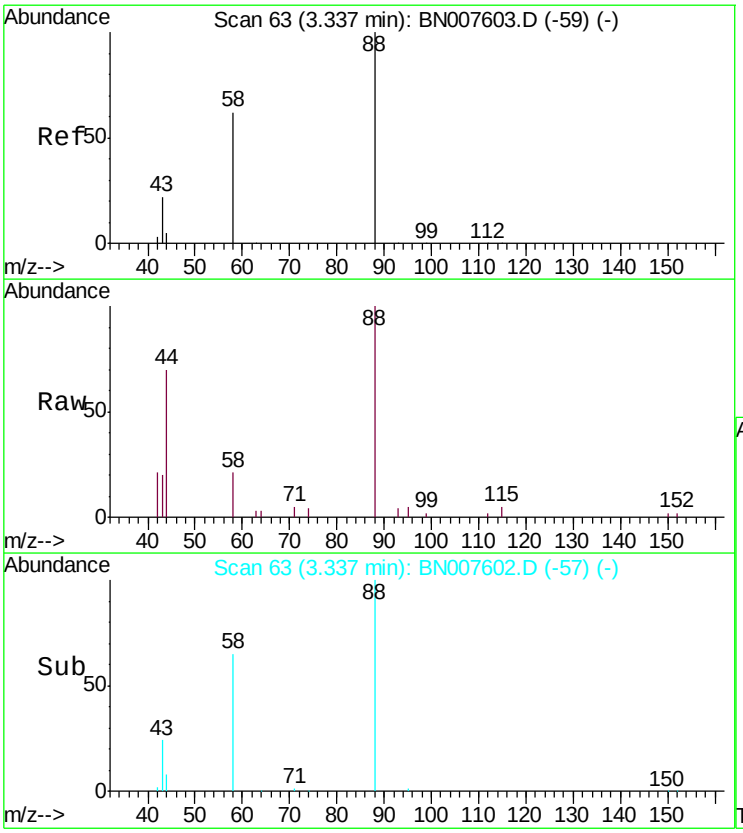
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 10634

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.4	183.6
115	63.7	50.4	75.6

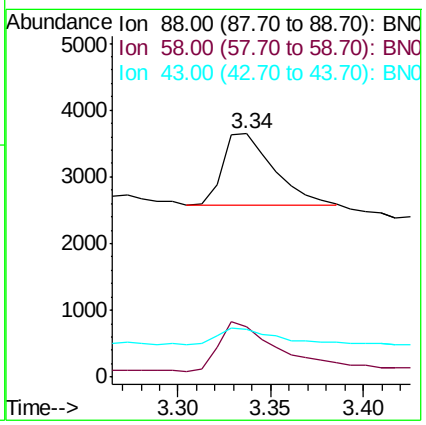


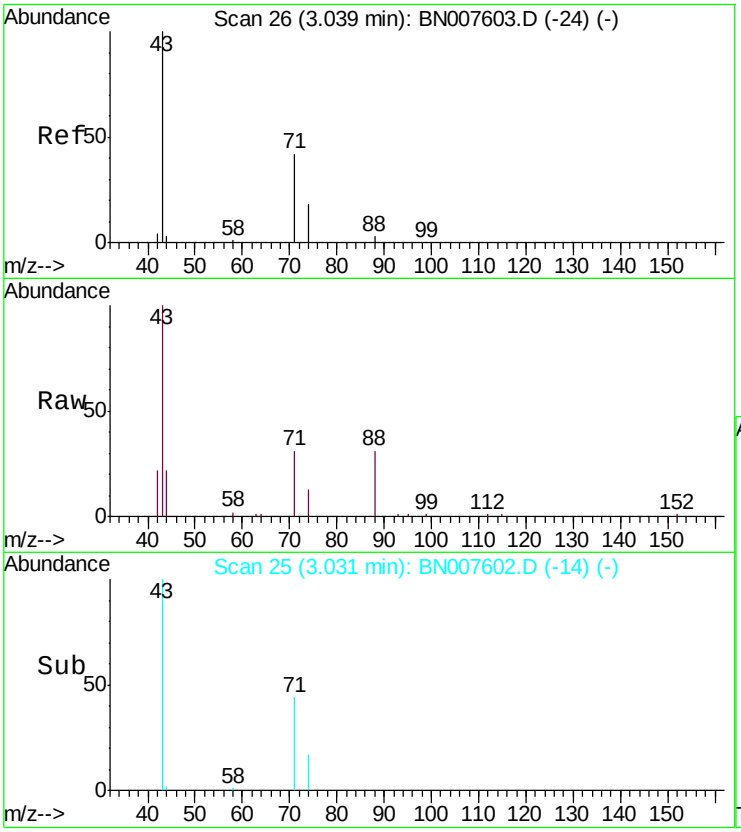


#2
1,4-Dioxane
Concen: 0.182 ng
RT: 3.34 min Scan# 63
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion: 88 Resp: 2042

Ion	Ratio	Lower	Upper
88	100		
58	79.4	57.0	85.4
43	25.3	20.0	30.0



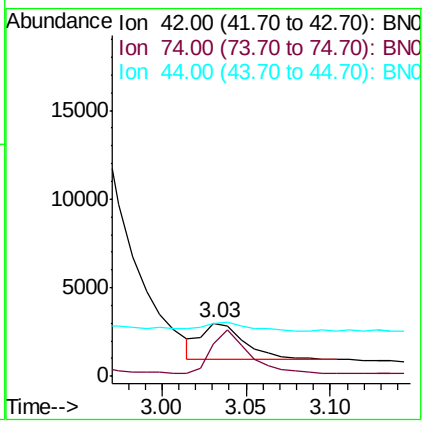


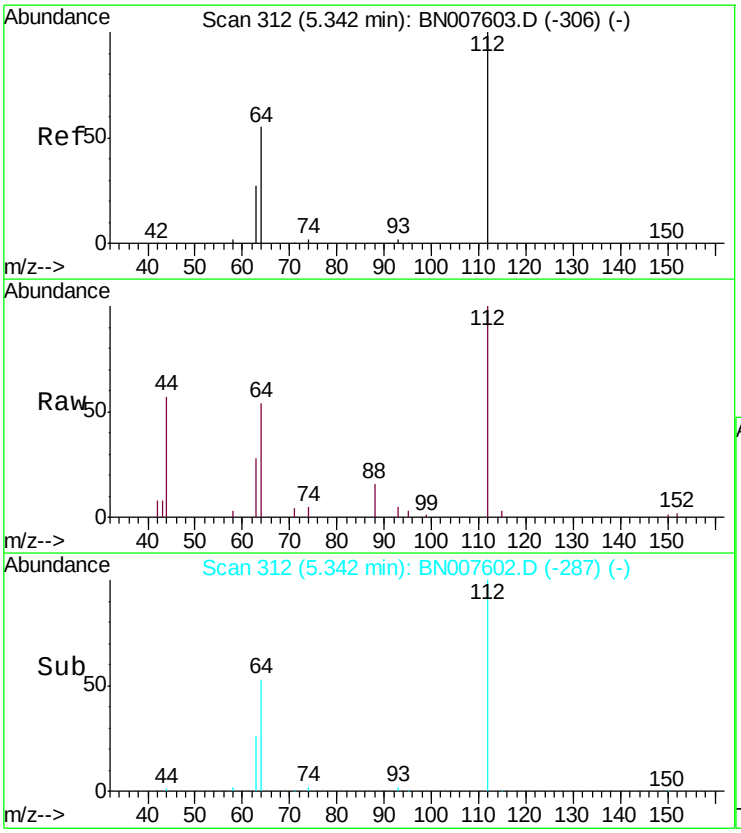
#3
n-Nitrosodimethylamine
Concen: 0.584 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 3709

Ion	Ratio	Lower	Upper
42	100		
74	97.3	9.8	14.8#
44	23.0	0.0	0.0#

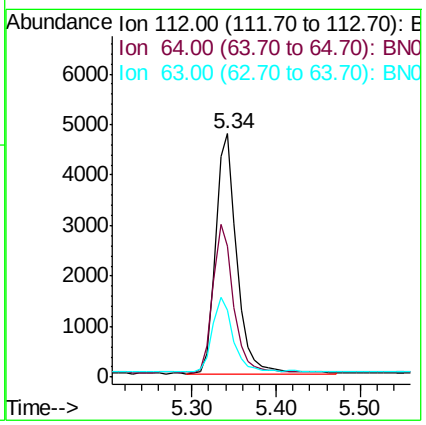


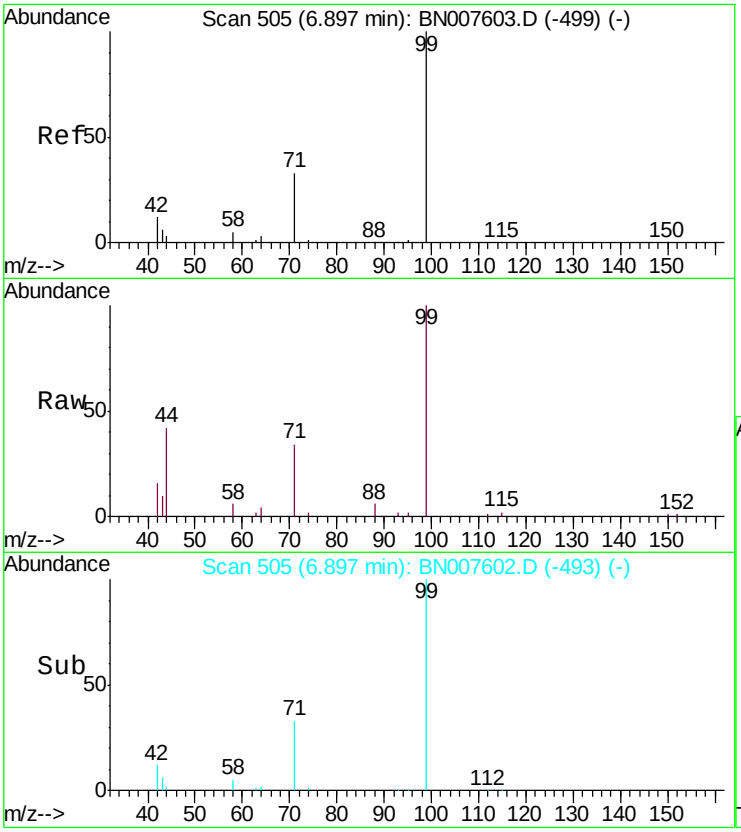


#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:112 Resp: 8268

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.5	72.7
63	30.1	24.4	36.6



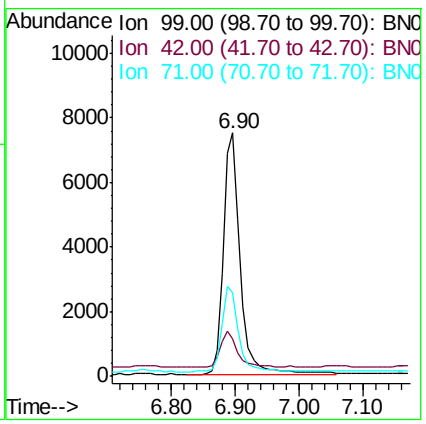


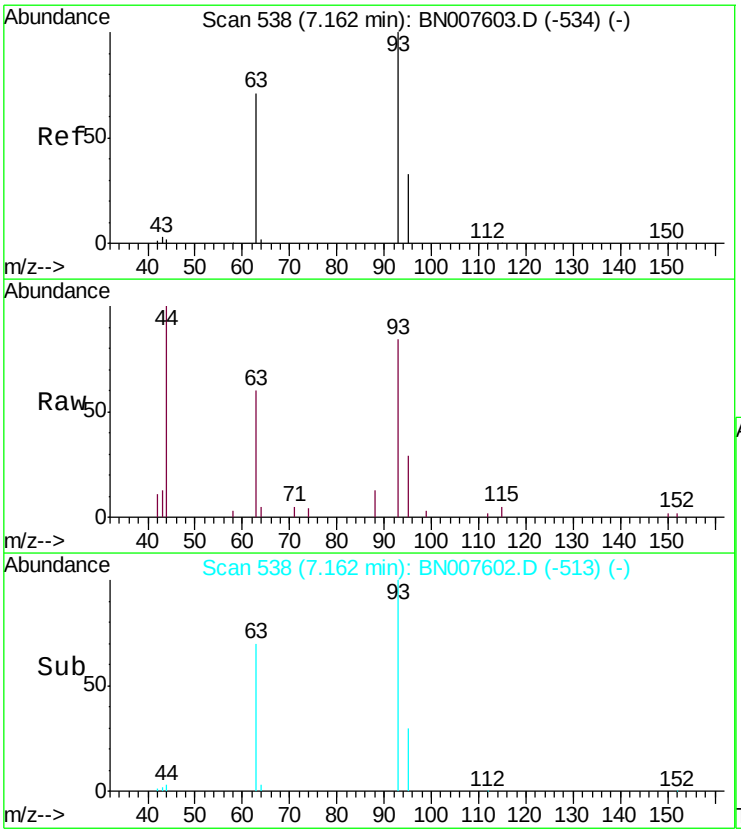
#5
Phenol-d6
Concen: 0.271 ng
RT: 6.90 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 13452

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.8	17.6
71	36.4	28.0	42.0

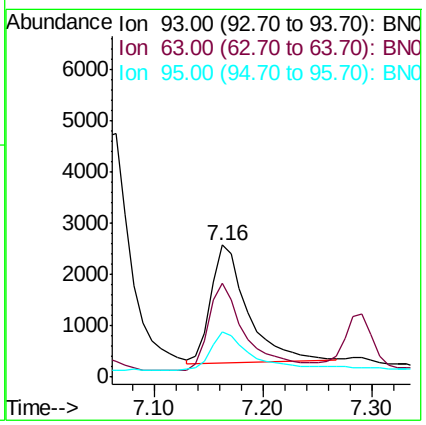


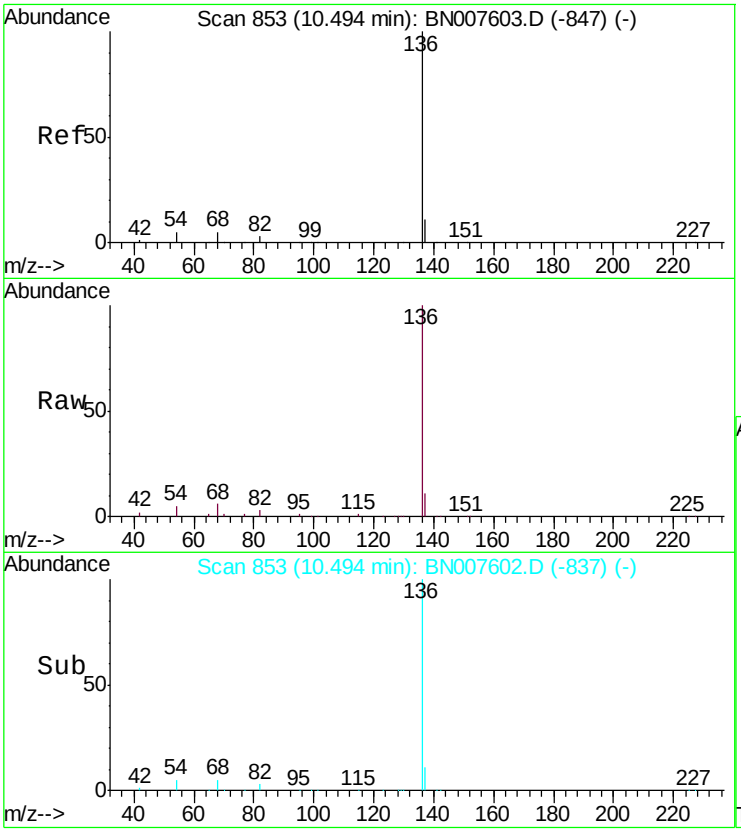


#6
bis(2-Chloroethyl)ether
Concen: 0.260 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion: 93 Resp: 5452

Ion	Ratio	Lower	Upper
93	100		
63	74.3	61.2	91.8
95	34.2	27.2	40.8



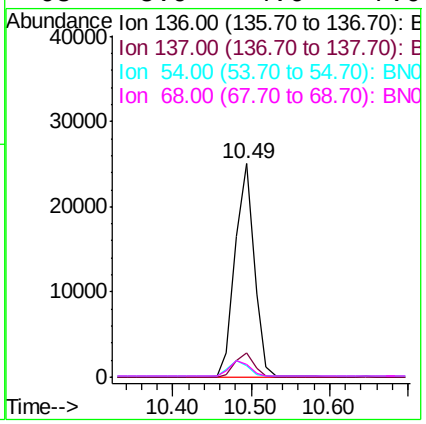


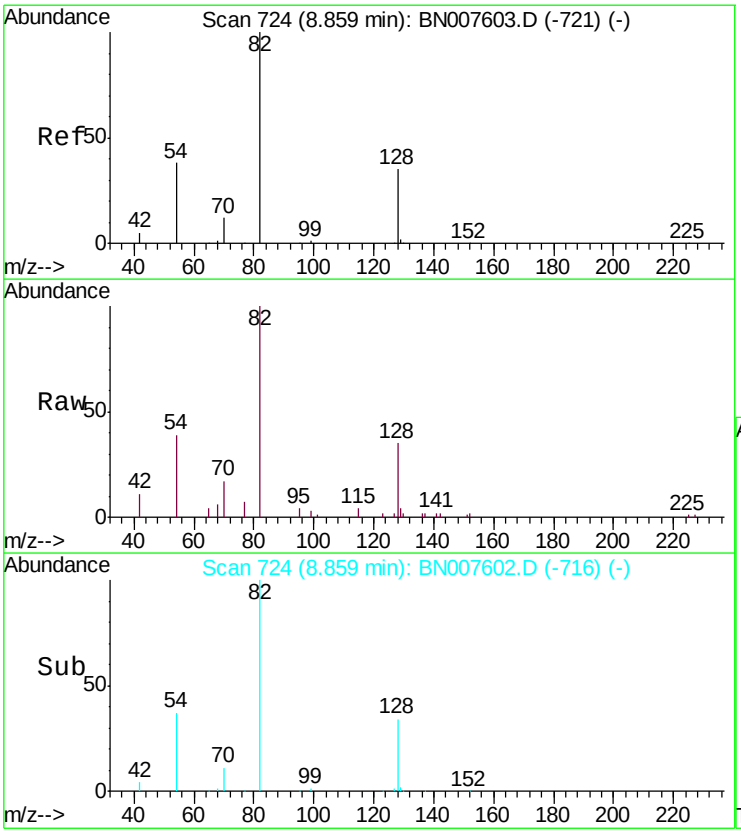
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 42204

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.3	4.2	6.4
68	5.9	4.6	7.0

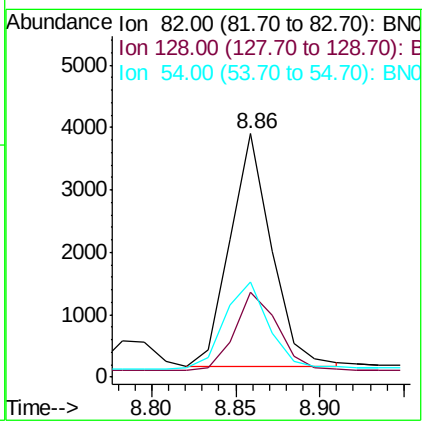


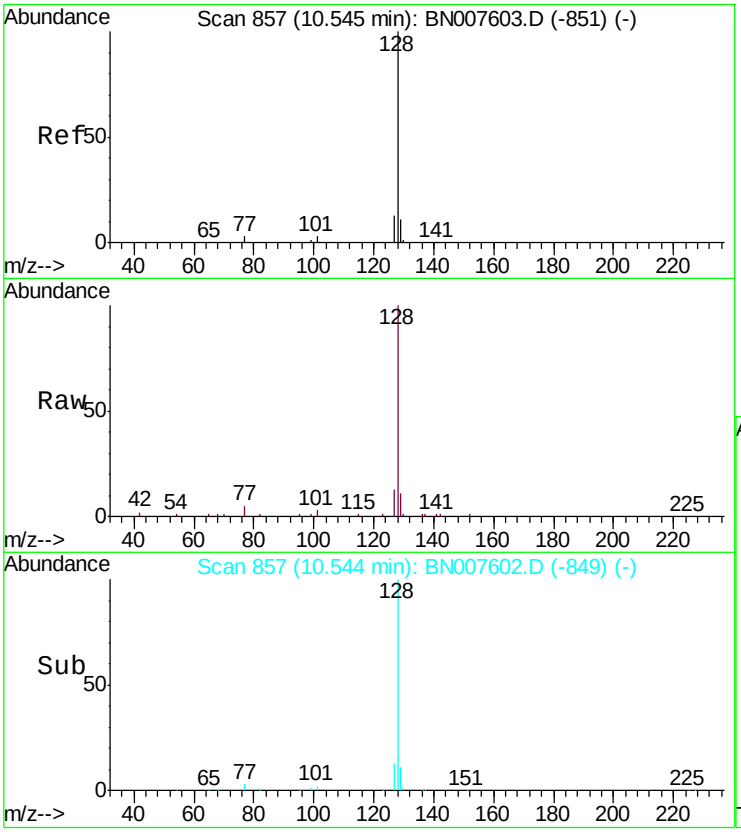


#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion: 82 Resp: 6362

Ion	Ratio	Lower	Upper
82	100		
128	35.0	27.9	41.9
54	38.9	30.9	46.3



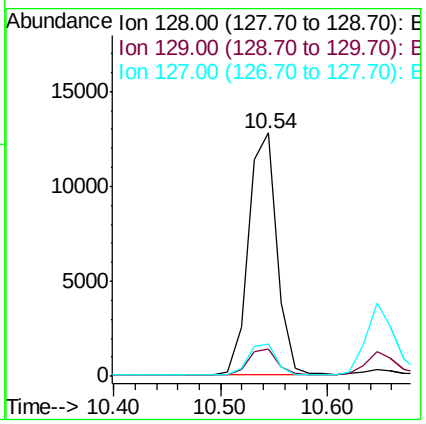


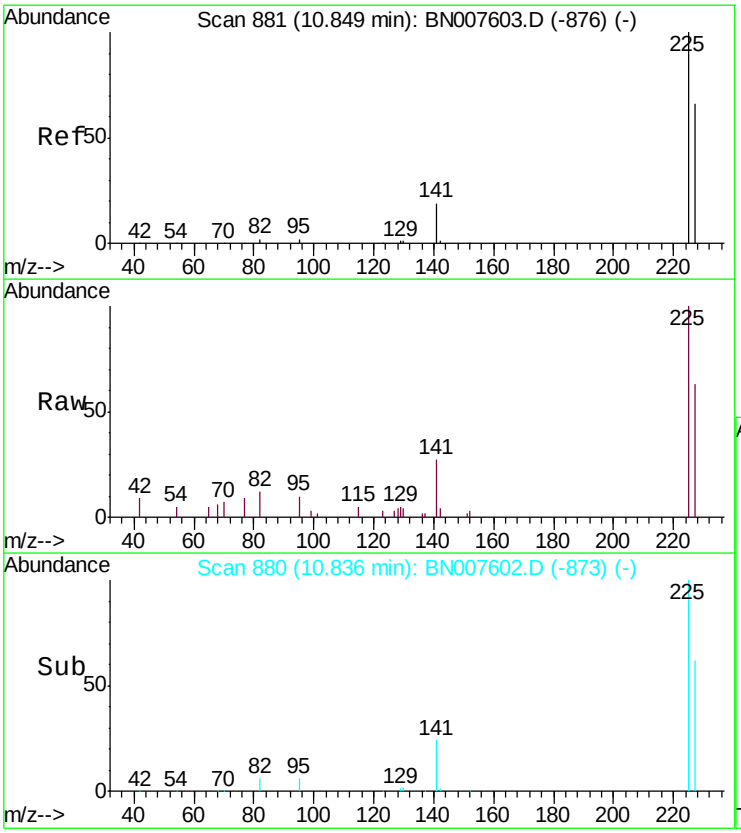
#9
Naphthalene
Concen: 0.198 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 23471

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	10.4	15.6

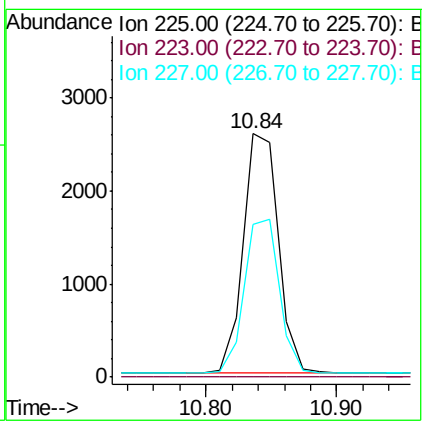


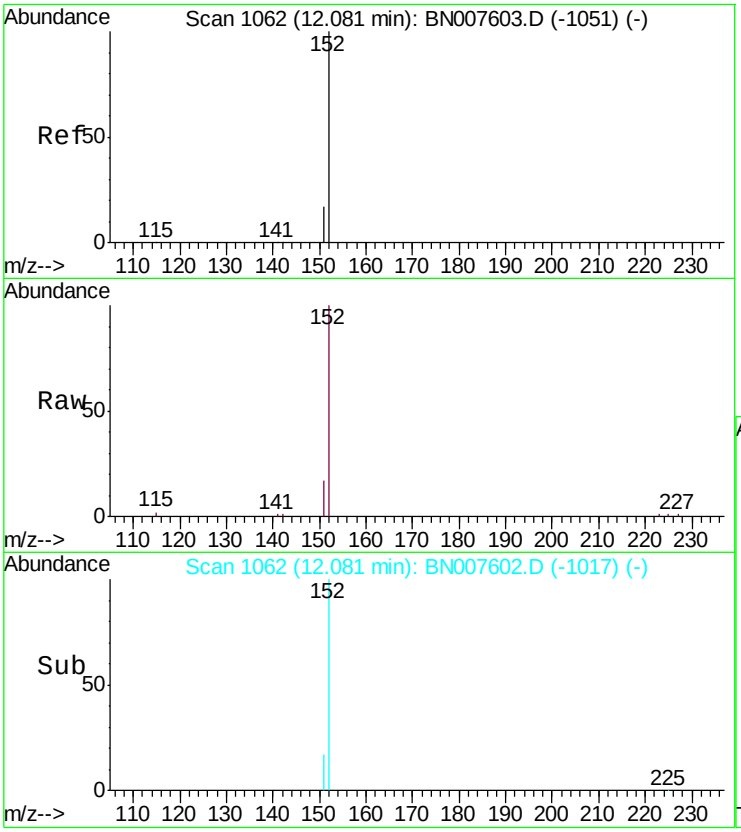


#10
Hexachlorobutadiene
Concen: 0.200 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:225 Resp: 4762

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.3	76.9



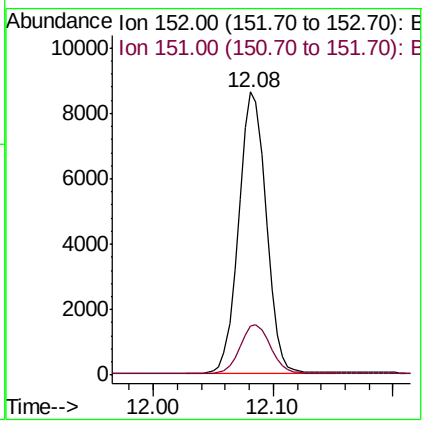


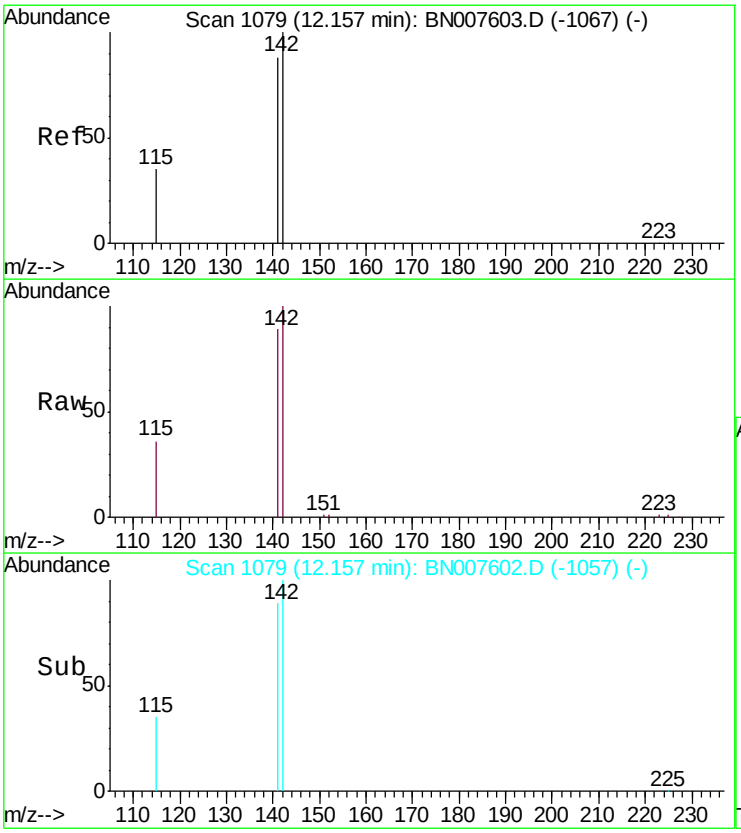
#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 13617

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

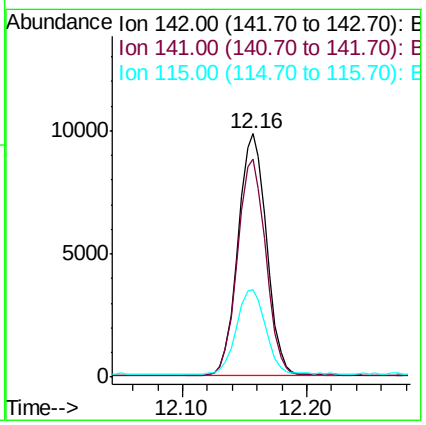


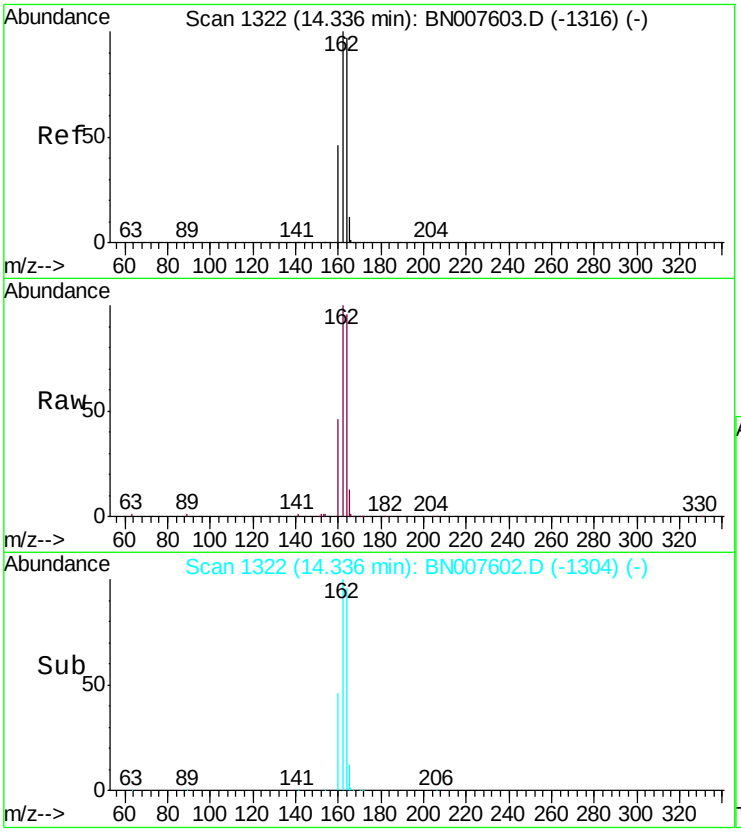


#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:142 Resp: 15495

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.5	105.7
115	36.1	28.4	42.6



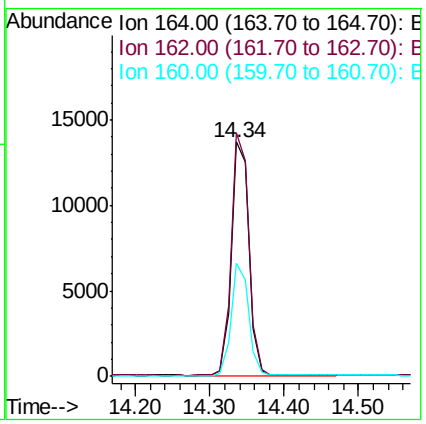


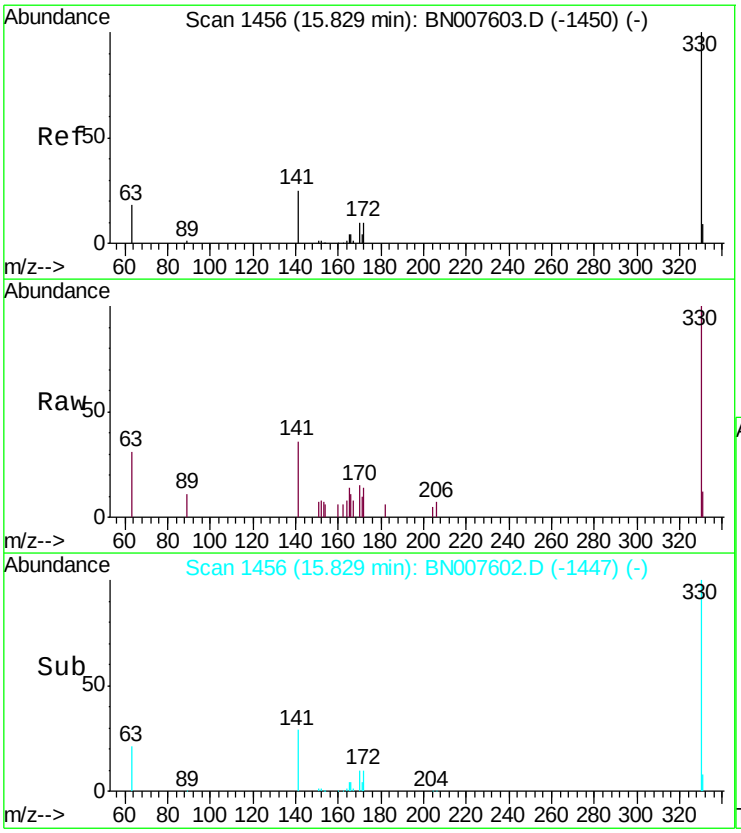
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 22178

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	48.2	38.0	57.0

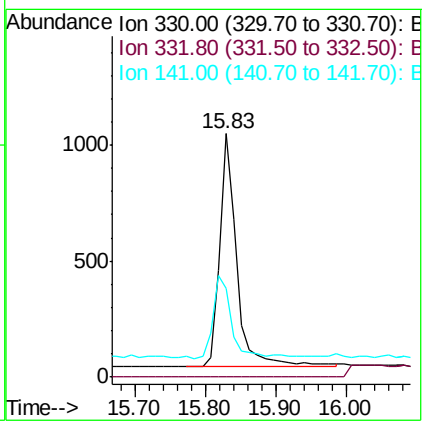


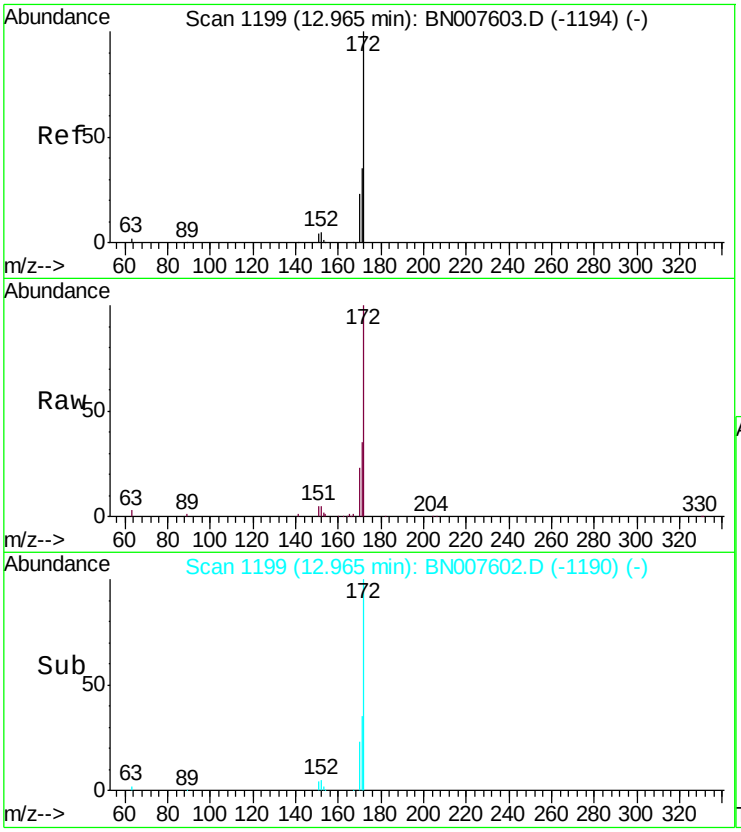


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:330 Resp: 1705

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.5	30.1	45.1



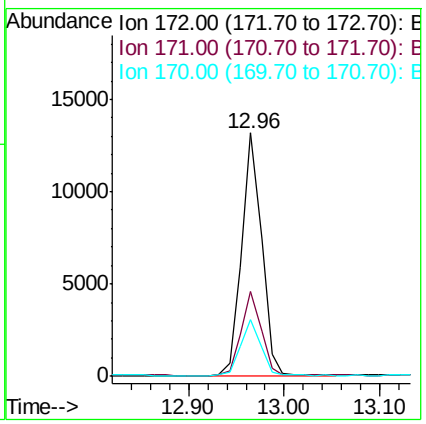


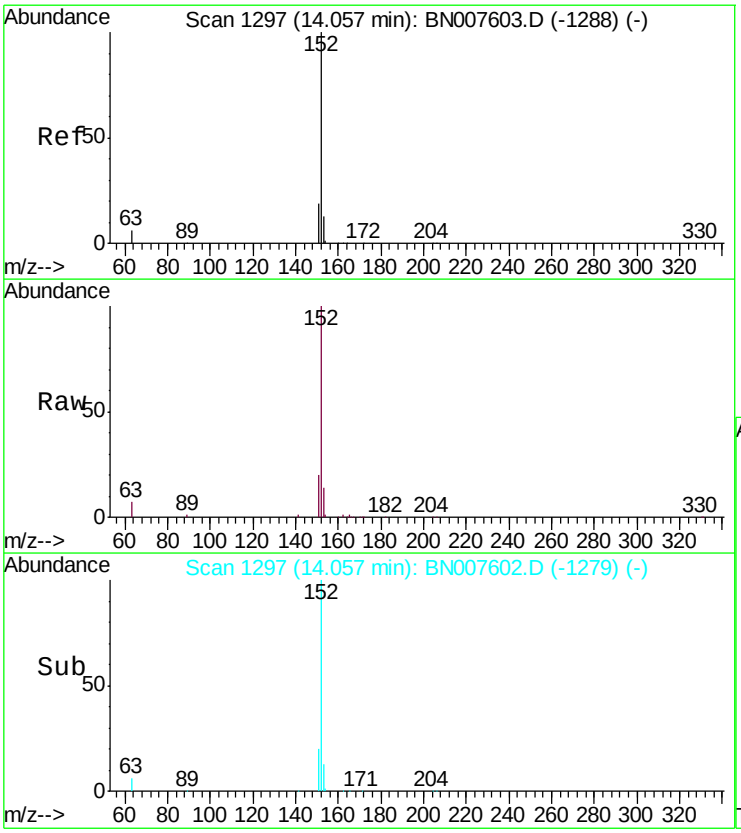
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 18979

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.3	18.5	27.7

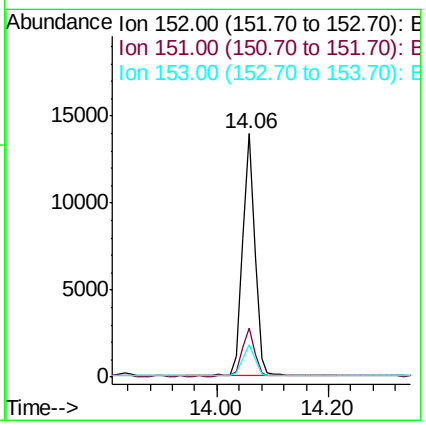


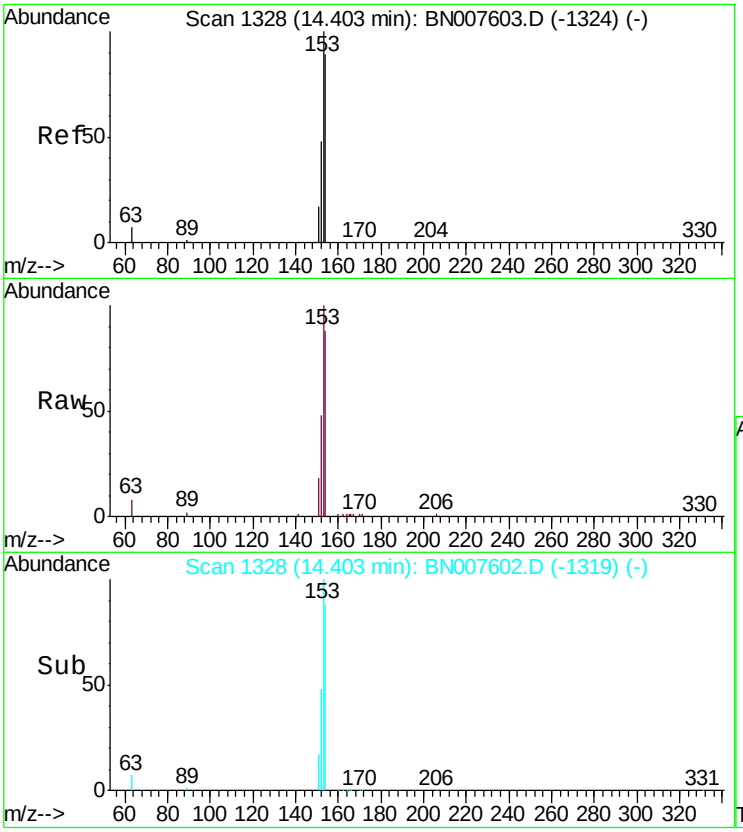


#16
Acenaphthylene
Concen: 0.177 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:152 Resp: 21110

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.4	15.6



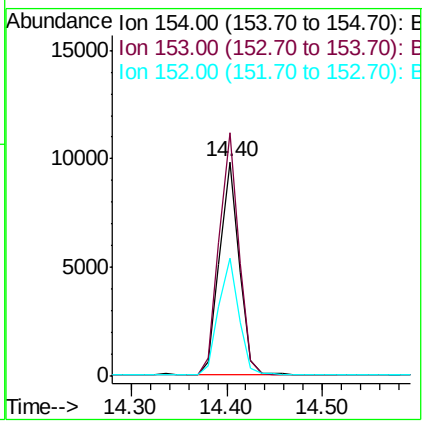


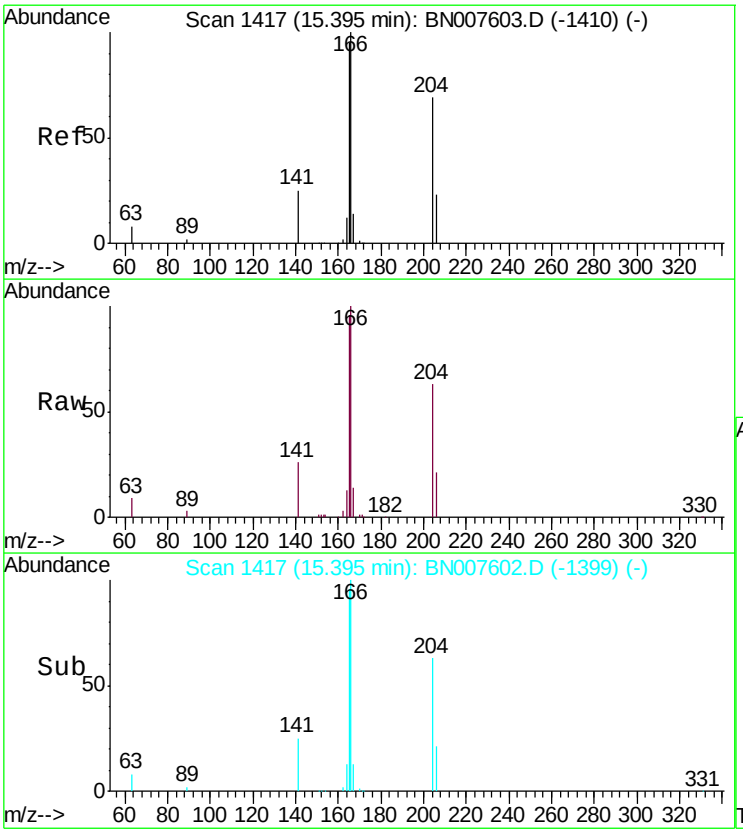
#17
Acenaphthene
Concen: 0.187 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 14077

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.8	134.8
152	56.0	43.8	65.8

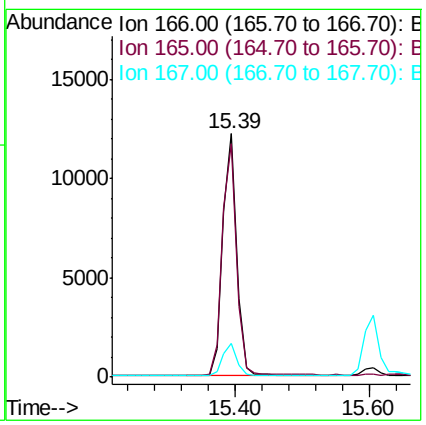


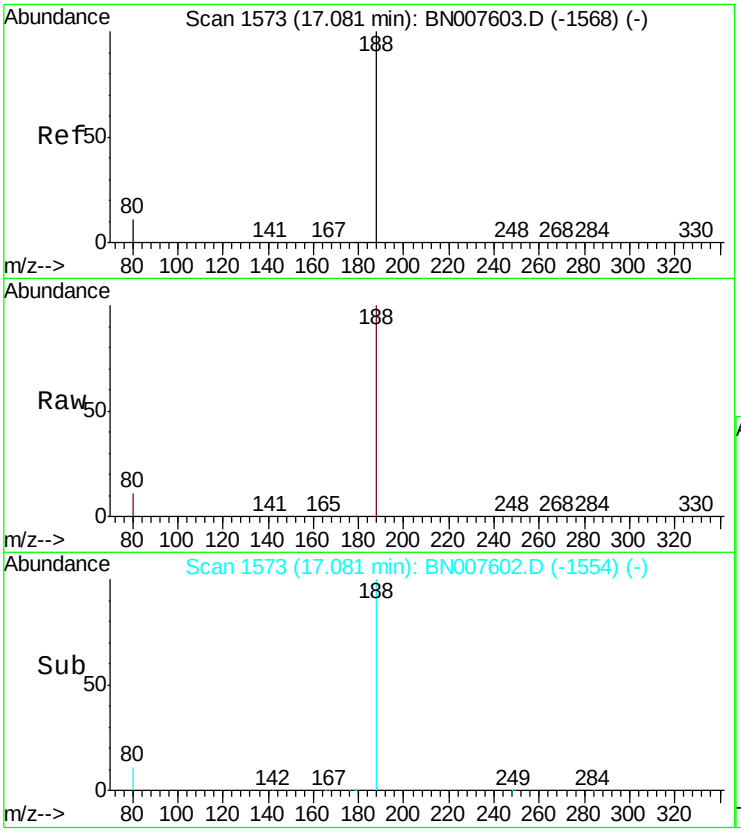


#18
Fluorene
Concen: 0.180 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:166 Resp: 17816

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.5	10.8	16.2



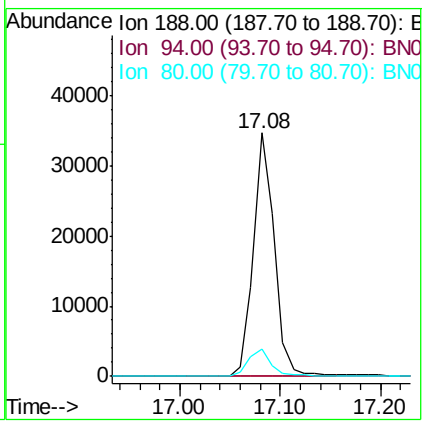


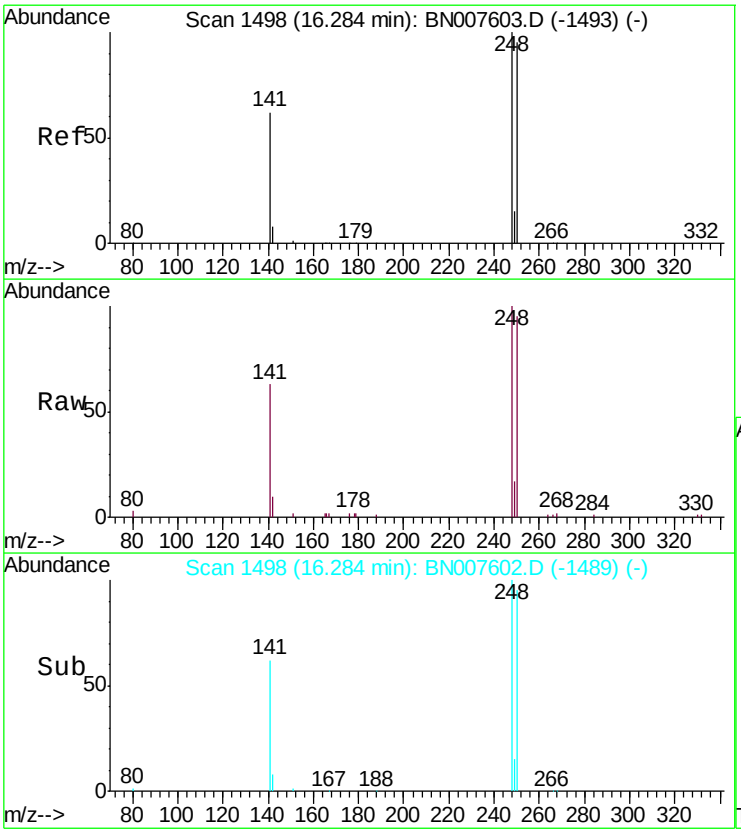
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 50073

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.8	13.2

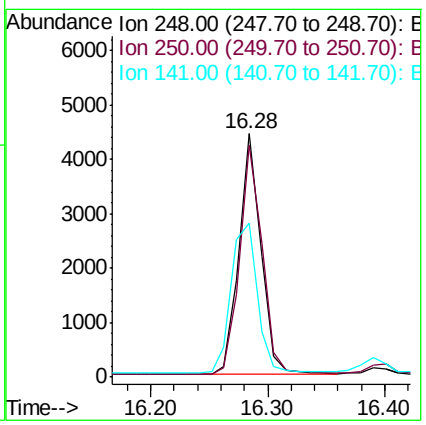


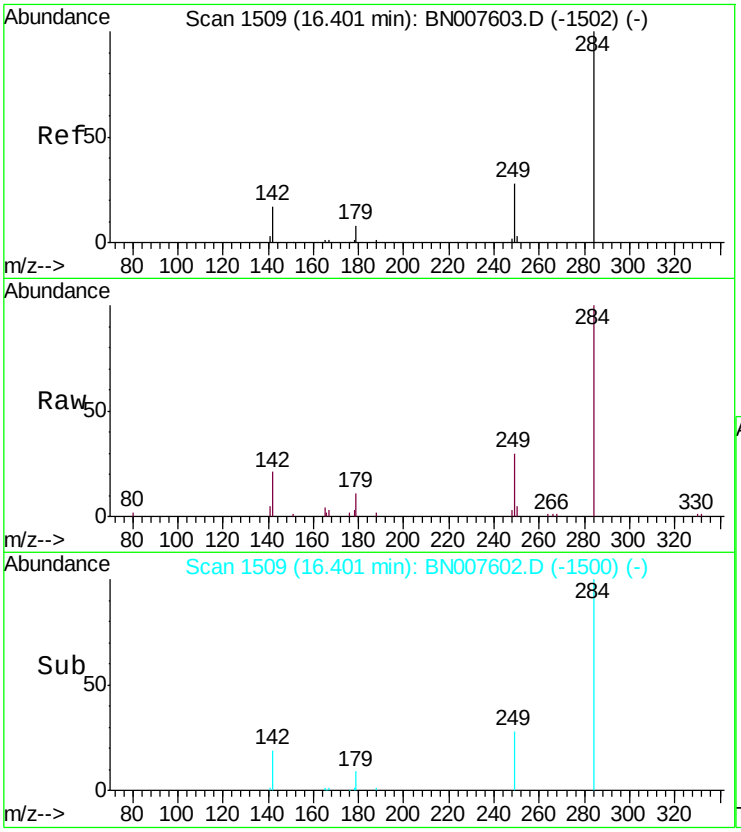


#20
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:248 Resp: 5769

Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.3	114.5
141	63.3	49.7	74.5



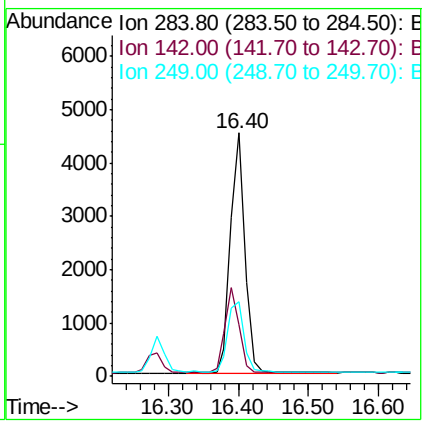


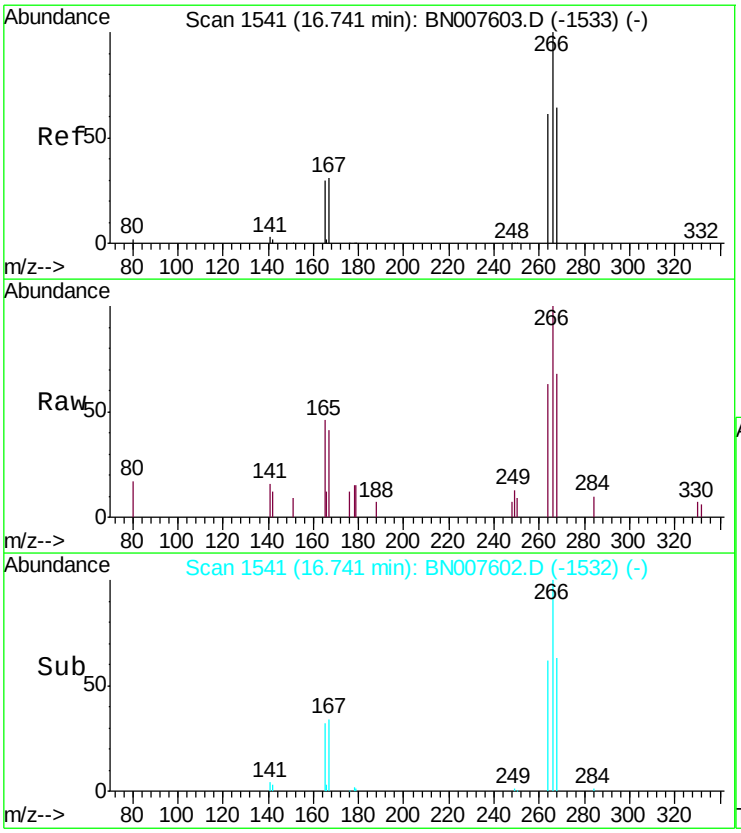
#21
Hexachlorobenzene
Concen: 0.205 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 6371

Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.8	41.6
249	32.0	25.5	38.3

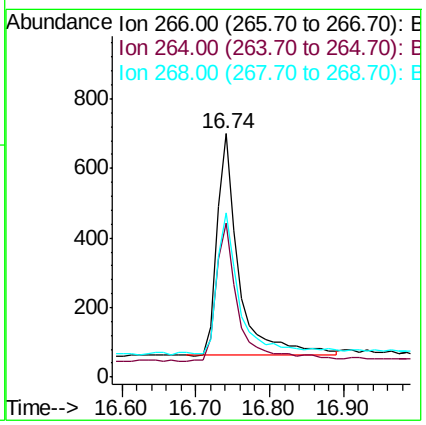


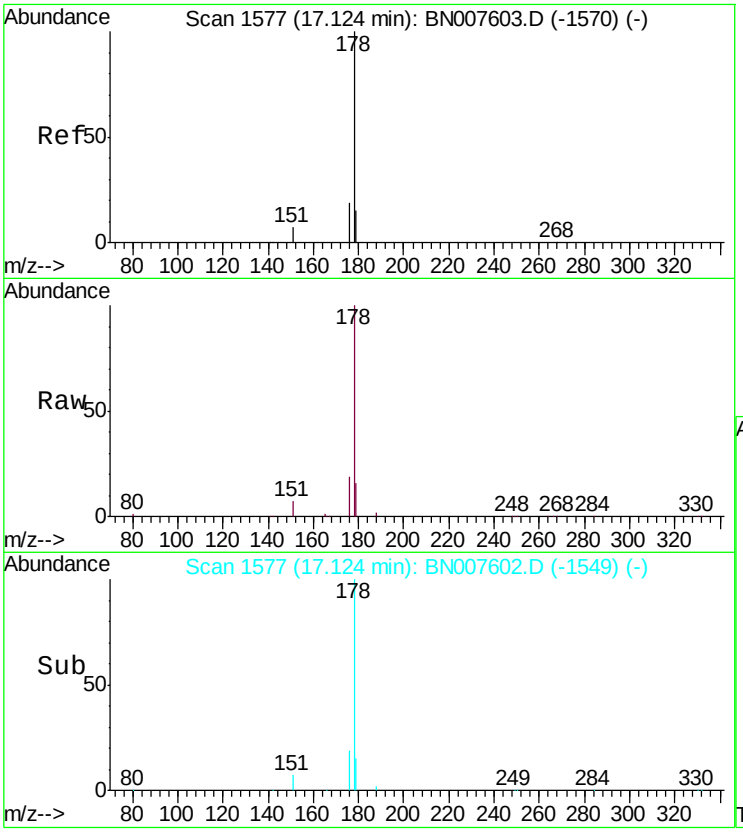


#22
Pentachlorophenol
Concen: 0.153 ng
RT: 16.74 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:266 Resp: 1328

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.4	74.0
268	67.6	53.0	79.6



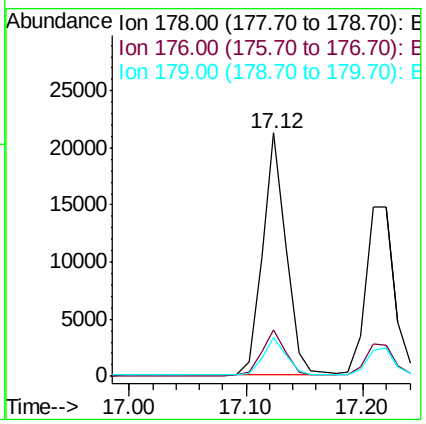


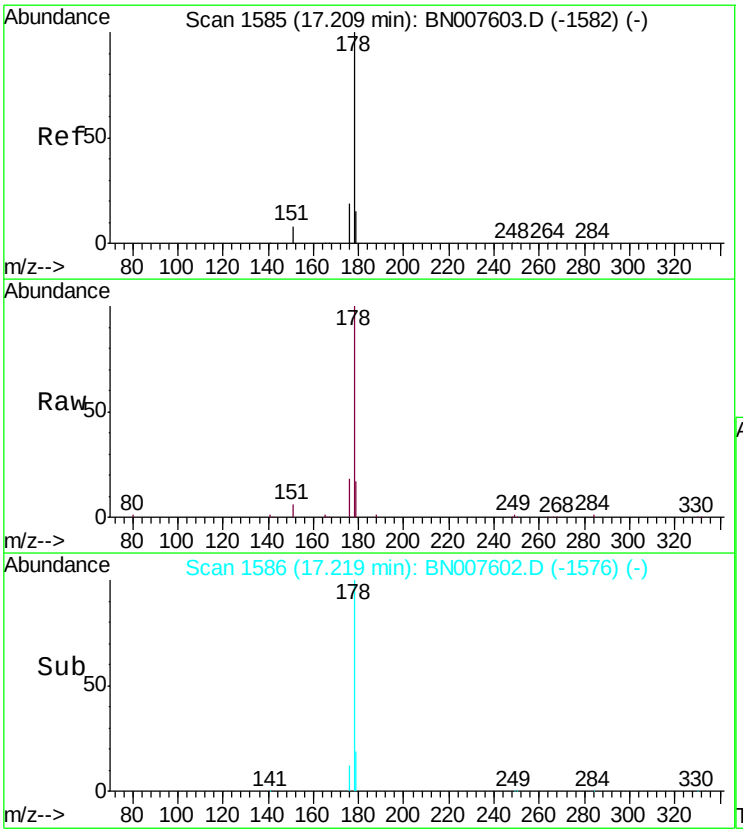
#23
Phenanthrene
Concen: 0.193 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 29833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.4	18.6

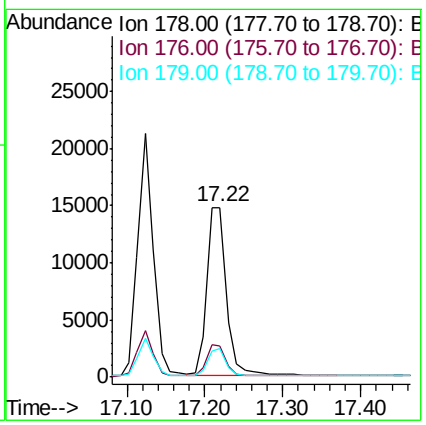


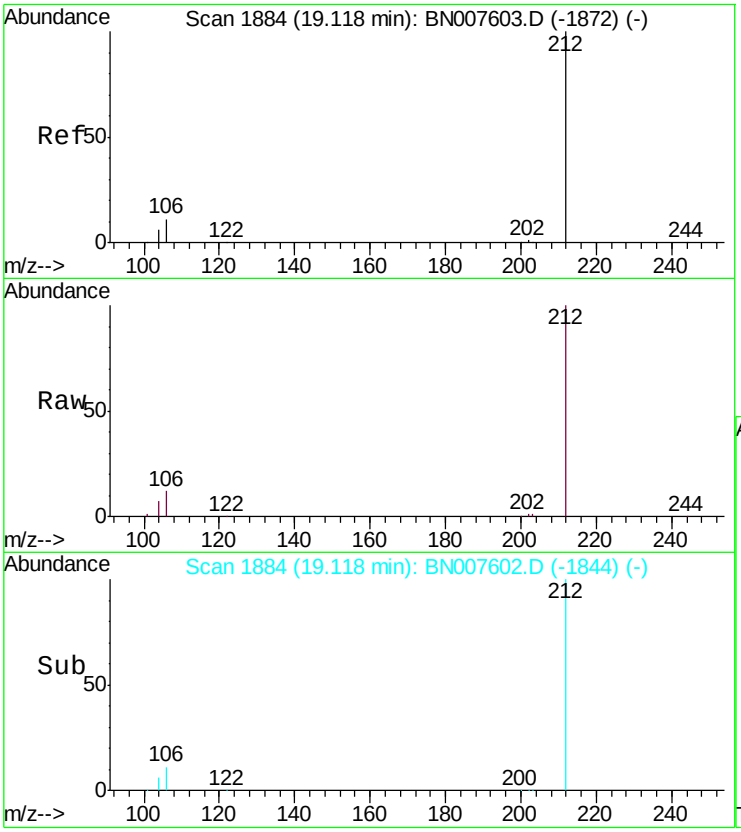


#24
Anthracene
Concen: 0.180 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:178 Resp: 25649

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.6	12.4	18.6



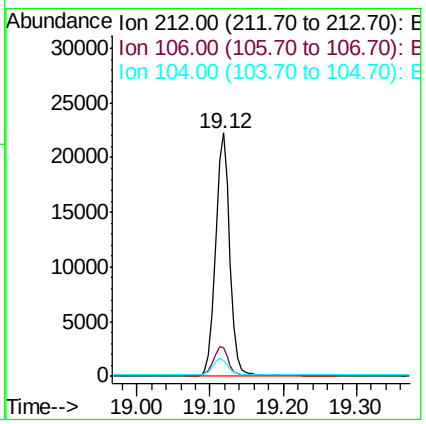


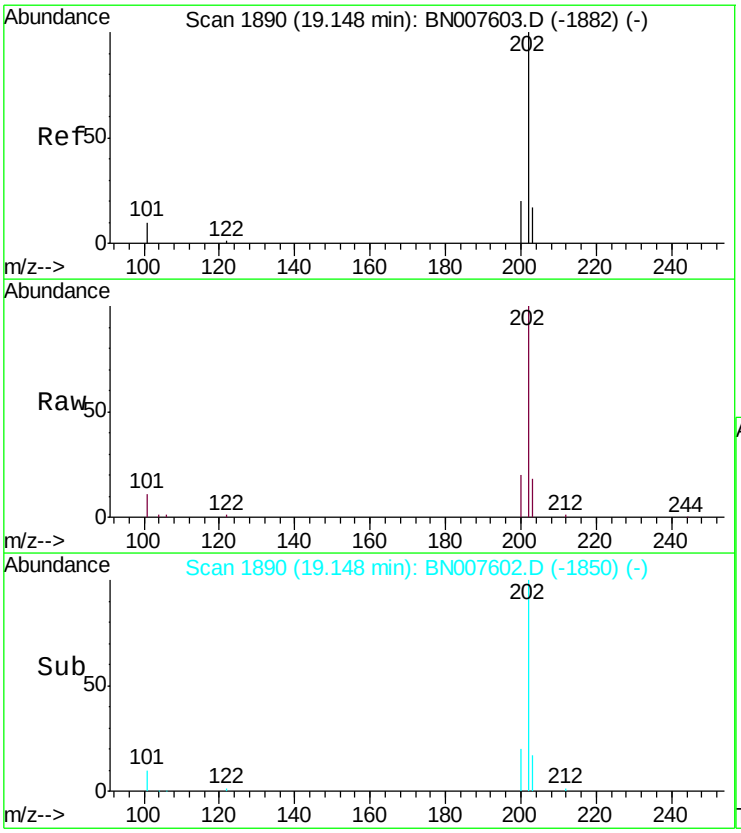
#25
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 29483

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.8	5.4	8.0

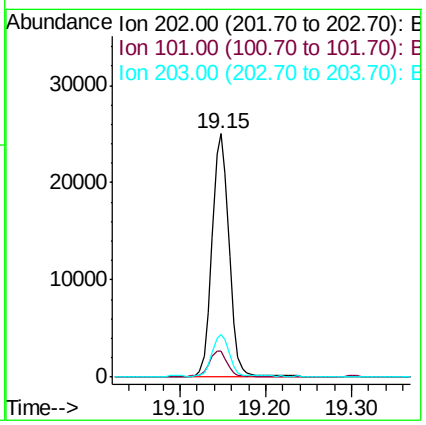


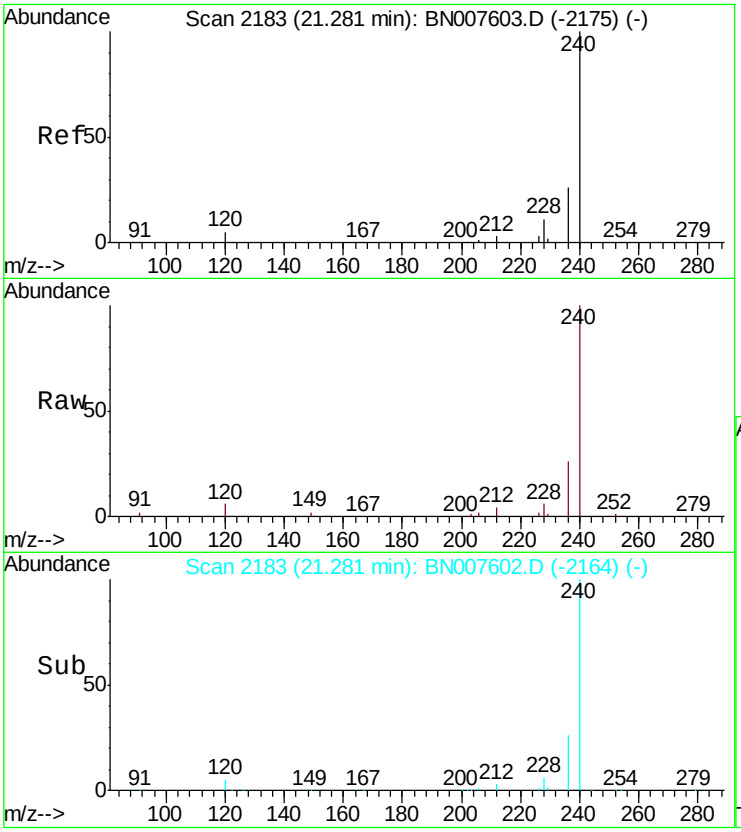


#26
Fluoranthene
Concen: 0.181 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:202 Resp: 34015

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.3	13.8	20.6



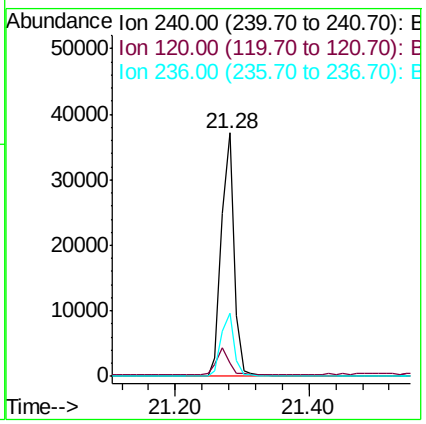


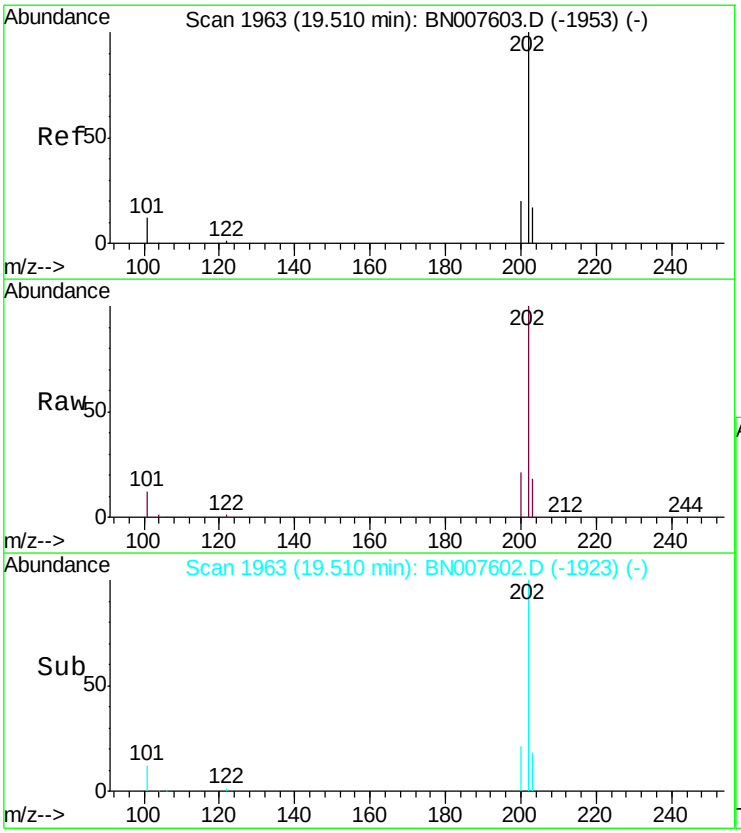
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 48371

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.3	6.5
236	25.9	20.8	31.2

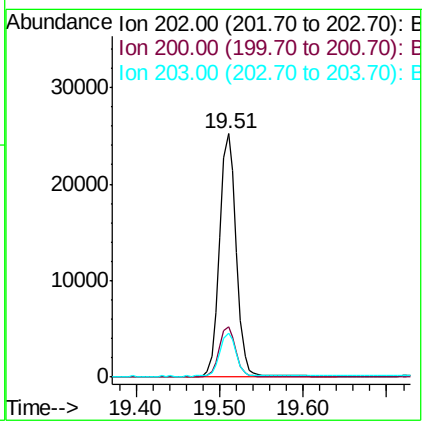


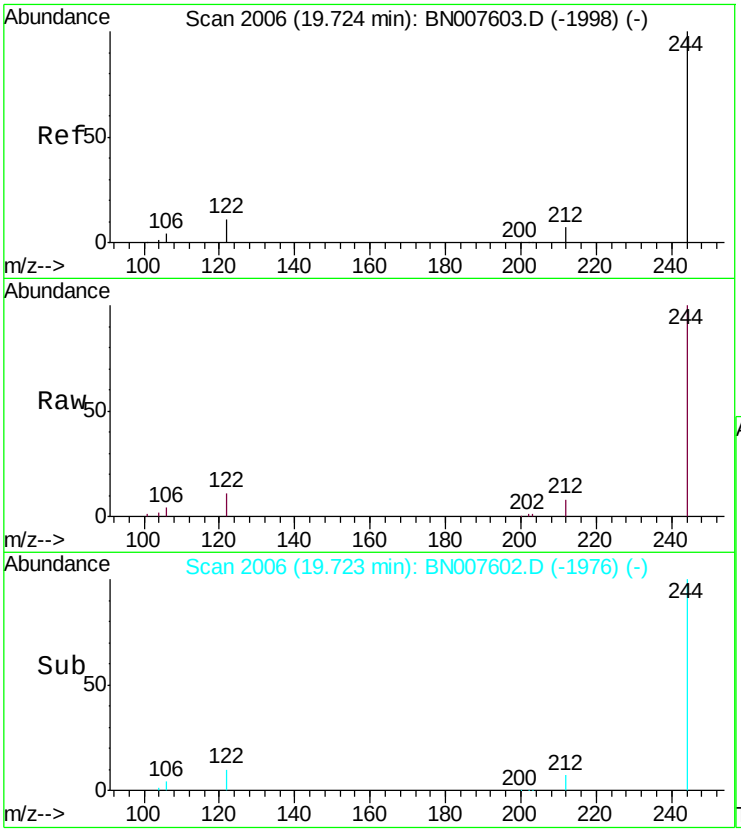


#28
Pyrene
Concen: 0.199 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:202 Resp: 34576

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



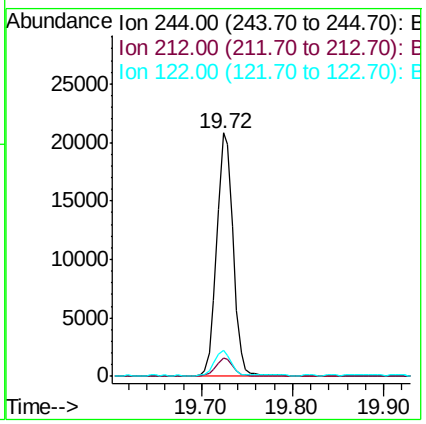


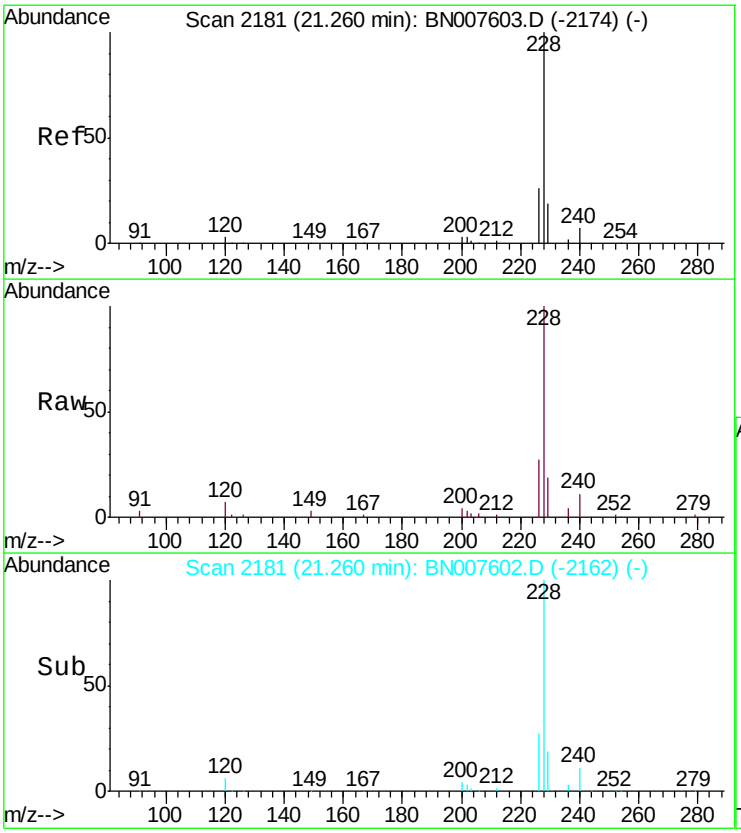
#29
Terphenyl-d14
Concen: 0.203 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 25545

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.8	8.6	12.8

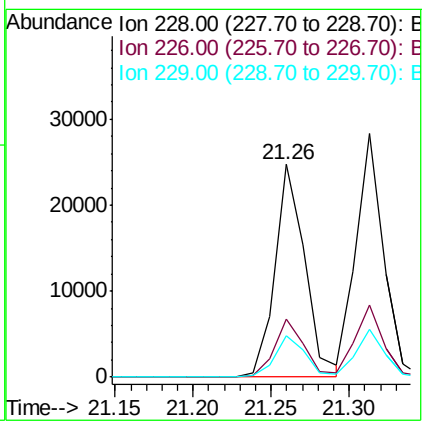


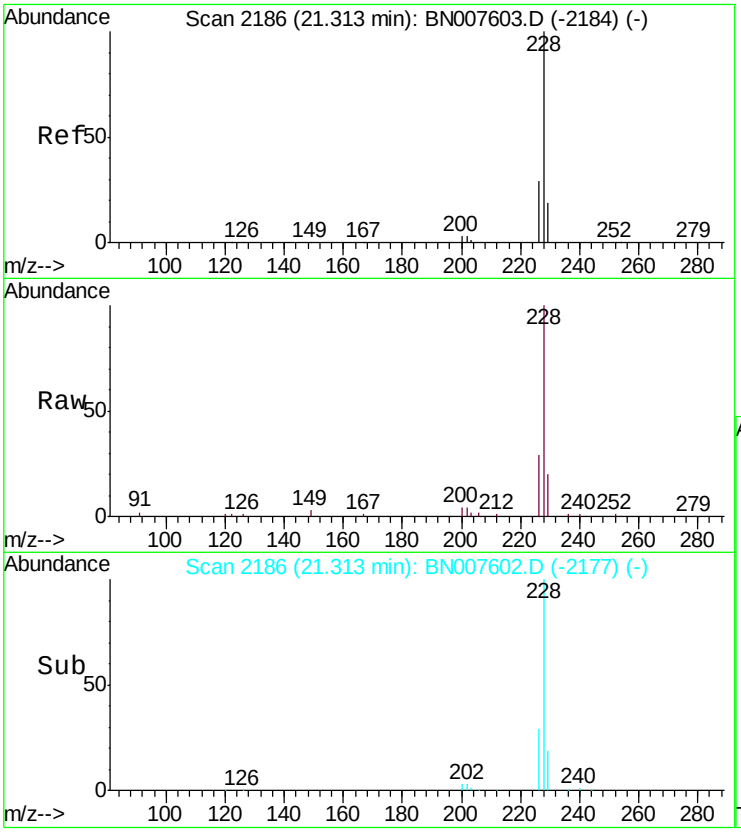


#30
Benzo(a)anthracene
Concen: 0.188 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:228 Resp: 32471

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.3	15.5	23.3



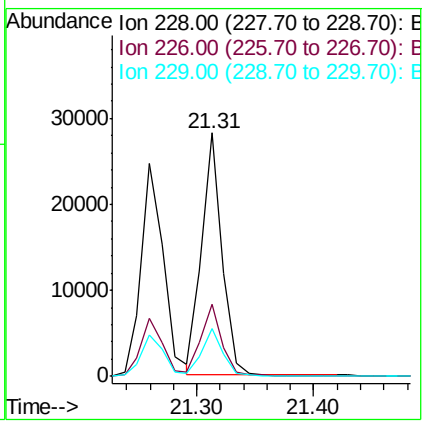


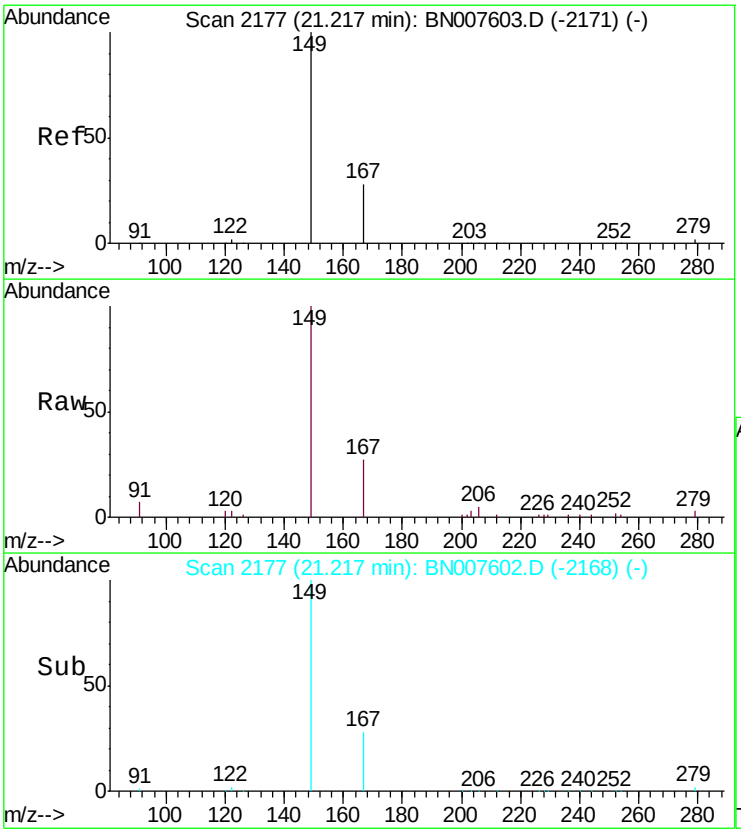
#31
Chrysene
Concen: 0.196 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 34494

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.7	15.5	23.3

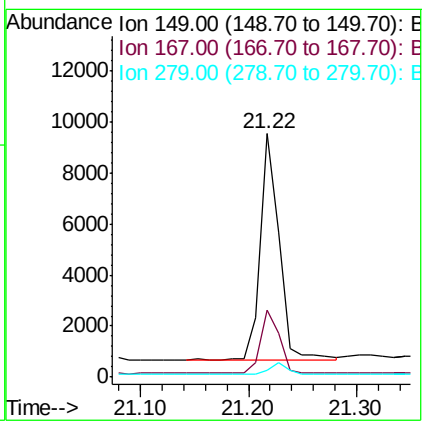


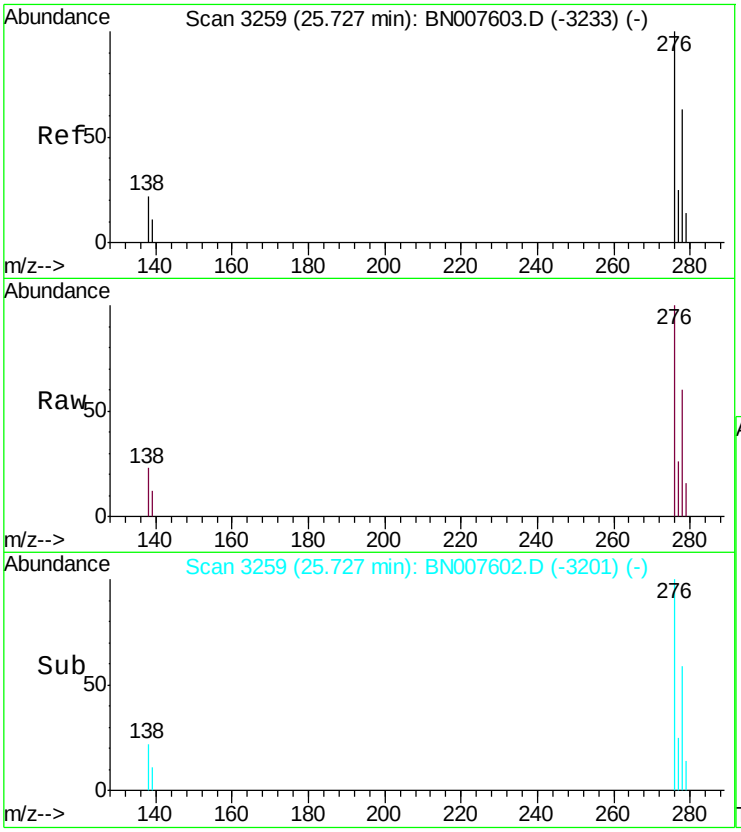


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:149 Resp: 10679

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.9	3.8	5.6



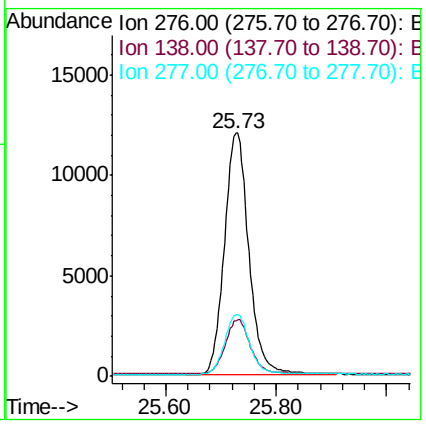


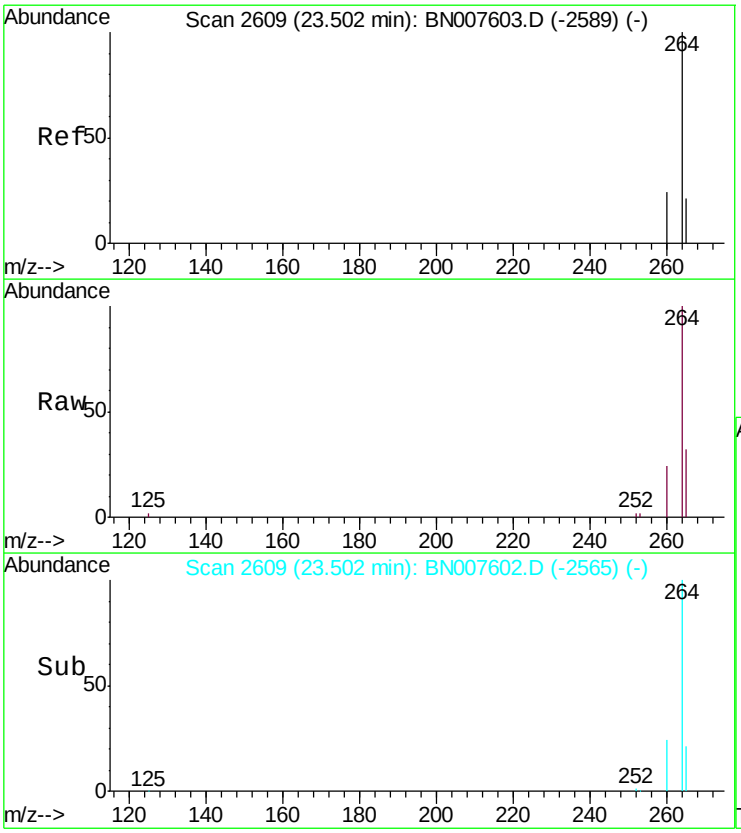
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng
RT: 25.73 min Scan# 3259
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 37546

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.2	27.4
277	25.0	20.1	30.1

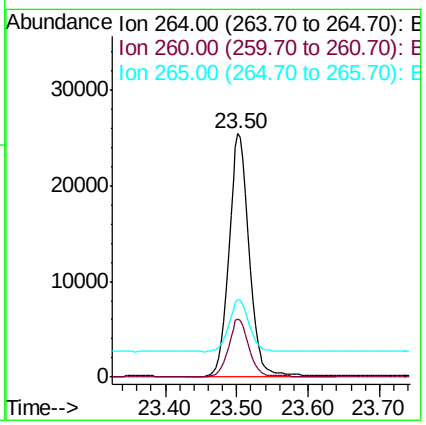


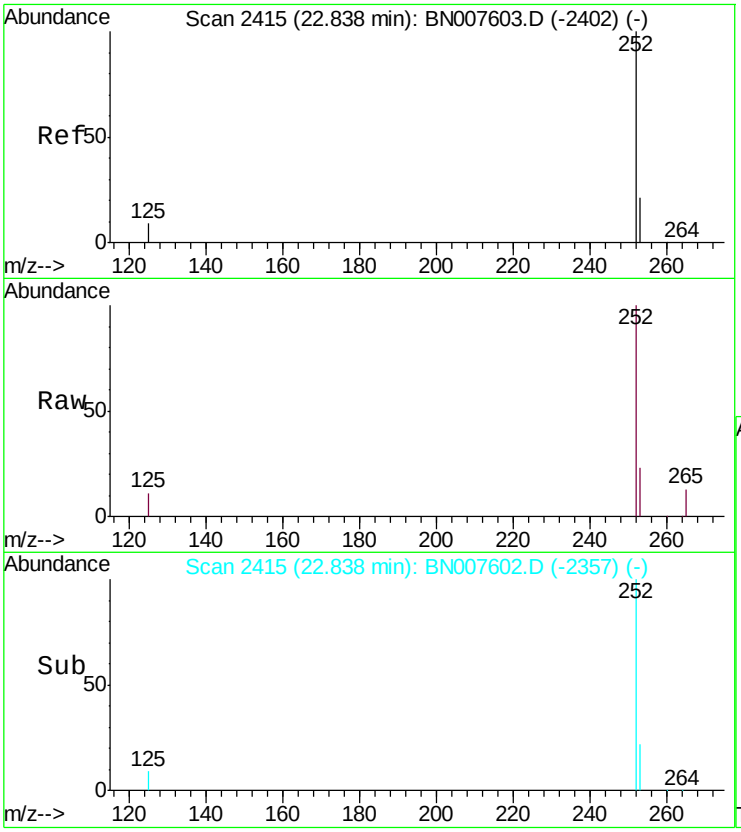


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:264 Resp: 49639

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	31.9	24.6	37.0



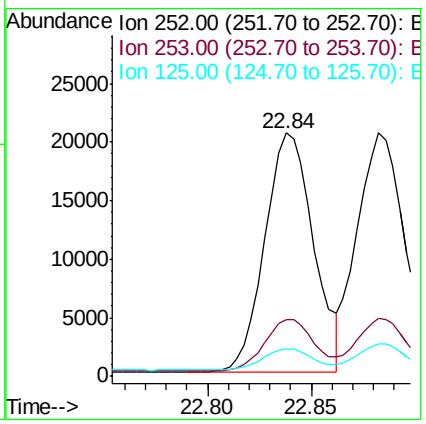


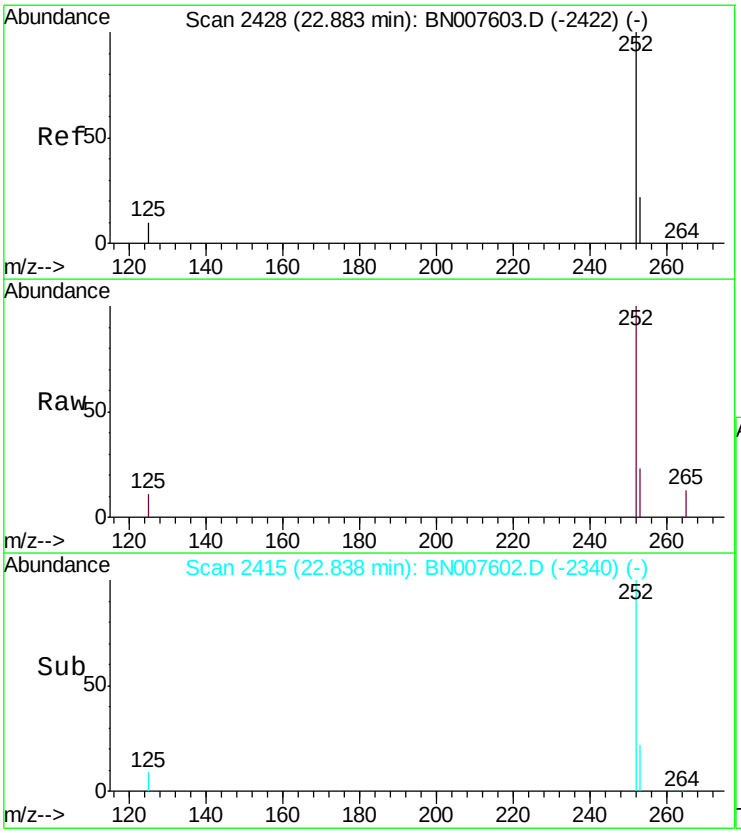
#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 33251

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	11.4	8.0	12.0

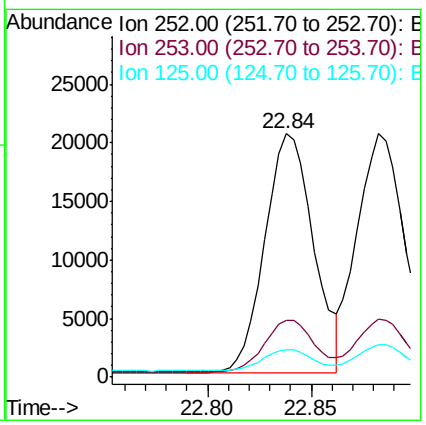


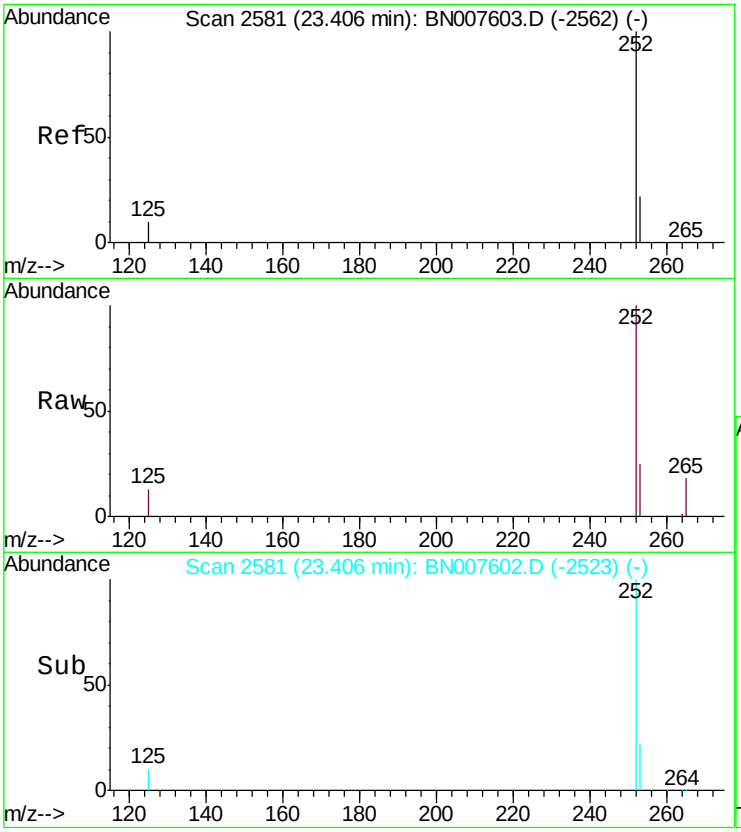


#36
Benzo(k)fluoranthene
Concen: 0.191 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.04 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:252 Resp: 33251

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.4	8.9	13.3



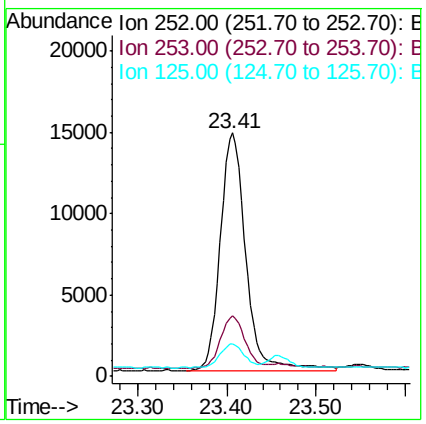


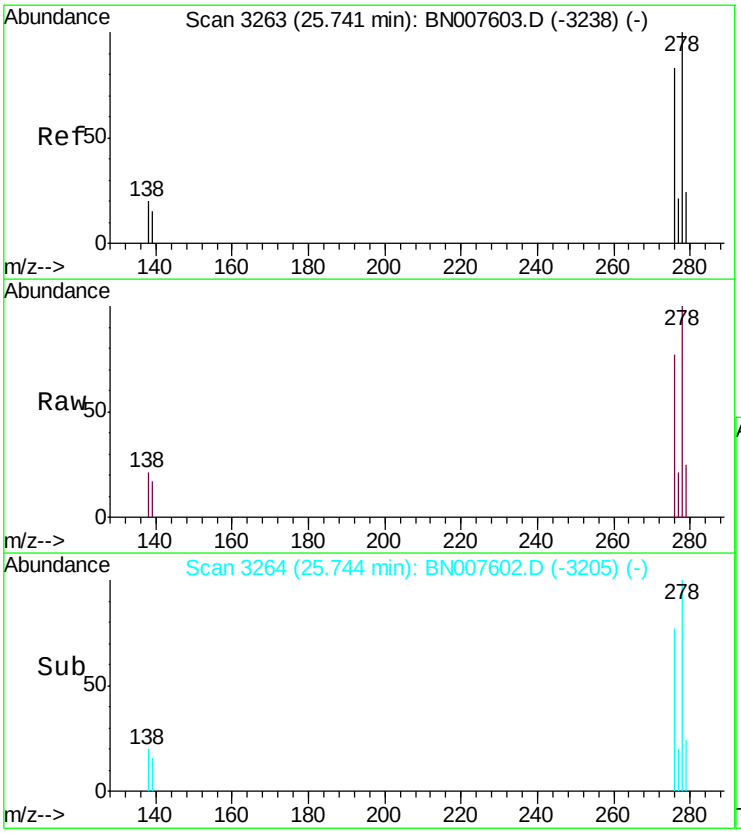
#37
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.41 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 29188

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.3	27.5
125	13.4	8.9	13.3#

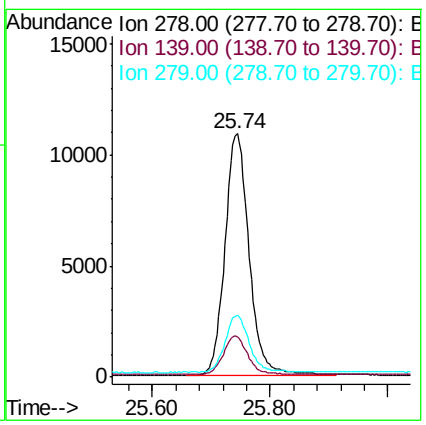


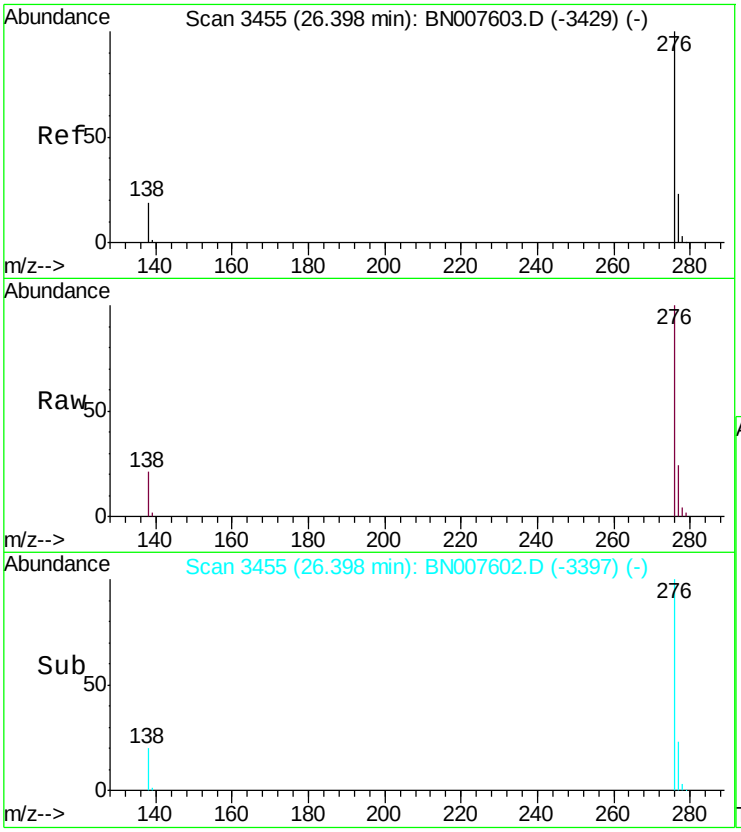


#38
Dibenzo(a,h)anthracene
Concen: 0.197 ng
RT: 25.74 min Scan# 3264
Delta R.T. 0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Tgt Ion:278 Resp: 31073

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	18.8
279	25.4	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.193 ng
RT: 26.40 min Scan# 3455
Delta R.T. -0.00 min
Lab File: BN007602.D
Acq: 12 Sep 2019 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 30823

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	20.8	15.8	23.6