Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007607.D
Acq On : 12 Sep 2019 13:59
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 12 14:31:21 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	7240	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	29058	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	15505	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	34377	0.40	ng		0.00
27) Chrysene-d12	21.27	240	36281	0.40	ng		0.00
34) Perylene-d12	23.50	264	33041	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	111211	5.04	ng		0.00
5) Phenol-d6	6.89	99	147287	4.35	ng		0.00
8) Nitrobenzene-d5	8.86	82	127208	7.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	255080	5.09	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	34572	5.87	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	346194	5.40	ng		0.00
25) Fluoranthene-d10	19.11	212	584391	5.23	ng		0.00
29) Terphenyl-d14	19.72	244	482844	5.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	49061	6.424	ng		88
3) n-Nitrosodimethylamine	3.03	42	2424	0.560	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	122864	8.604	ng		94
9) Naphthalene	10.53	128	424379	5.192	ng		99
10) Hexachlorobutadiene	10.84	225	85177	5.197	ng	#	100
12) 2-Methylnaphthalene	12.15	142	287398	5.016	ng		99
16) Acenaphthylene	14.05	152	453611	5.447	ng		100
17) Acenaphthene	14.40	154	281547	5.352	ng		97
18) Fluorene	15.39	166	357333	5.159	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	114292	5.622	ng		92
21) Hexachlorobenzene	16.40	284	116472	5.447	ng		99
22) Pentachlorophenol	16.74	266	38326	6.449	ng		98
23) Phenanthrene	17.12	178	570104	5.373	ng		100
24) Anthracene	17.22	178	533831	5.454	ng		100
26) Fluoranthene	19.14	202	676058	5.251	ng		100
28) Pyrene	19.51	202	673051	5.162	ng		100
30) Benzo(a)anthracene	21.26	228	706200	5.440	ng		99
31) Chrysene	21.31	228	685610	5.198	ng		98
32) Bis(2-ethylhexyl)phthalate	21.22	149	264258	5.948	ng		99
33) Indeno(1,2,3-cd)pyrene	25.72	276	737823	5.291	ng		100
35) Benzo(b)fluoranthene	22.84	252	655849	5.582	ng		99
36) Benzo(k)fluoranthene	22.88	252	670005	5.771	ng		97
37) Benzo(a)pyrene	23.40	252	600823	5.752	ng		97
38) Dibenzo(a,h)anthracene	25.74	278	606356	5.781	ng		98
39) Benzo(g,h,i)perylene	26.39	276	601482	5.663	ng		99

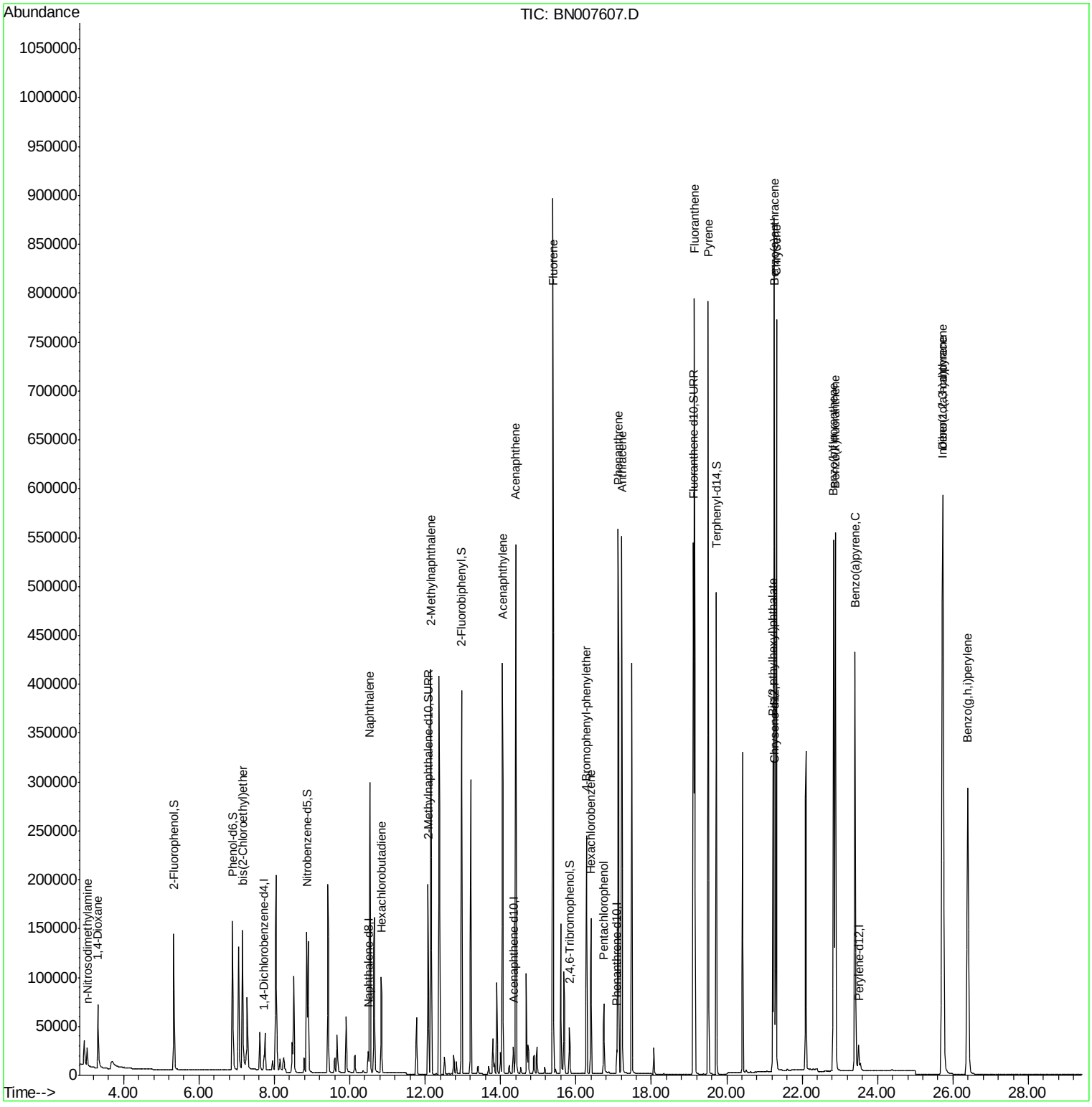
(#) = qualifier out of range (m) = manual integration (+) = signals summed

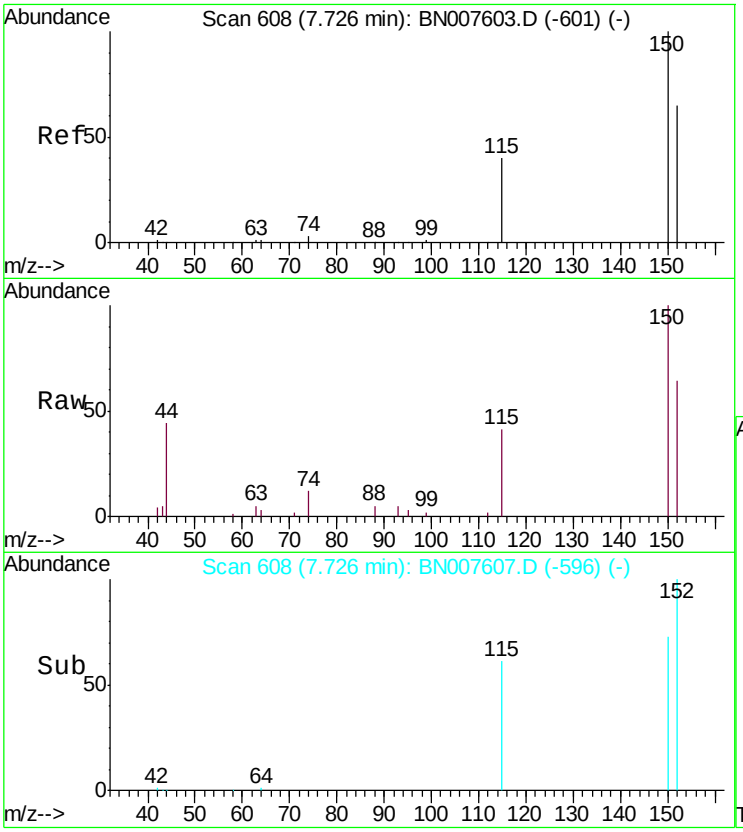
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007607.D
Acq On : 12 Sep 2019 13:59
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 12 14:31:21 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



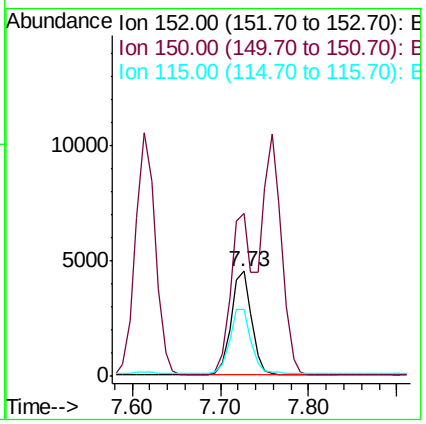


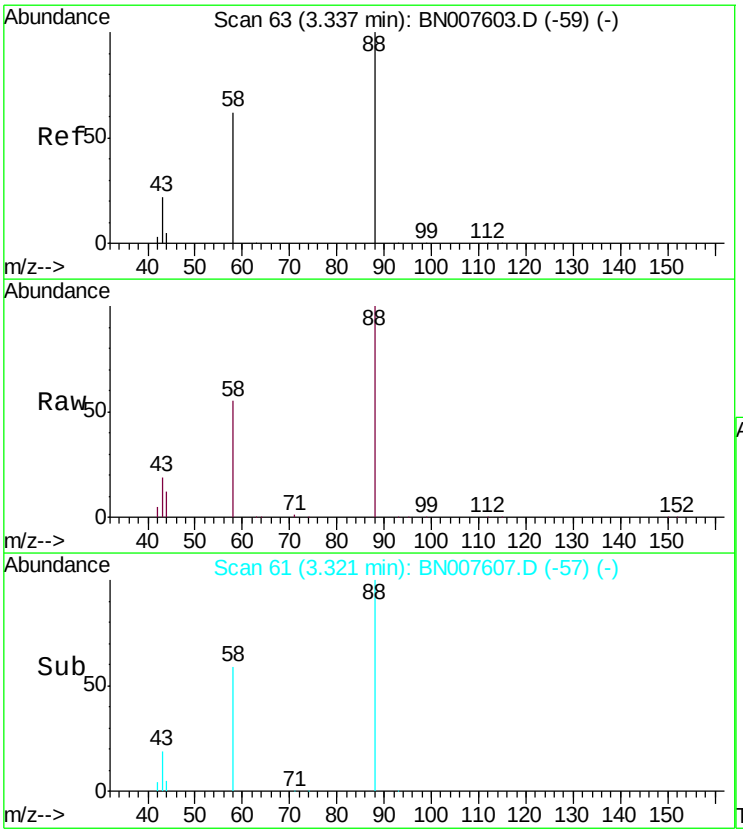
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 7240

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.4	183.6
115	63.6	50.4	75.6

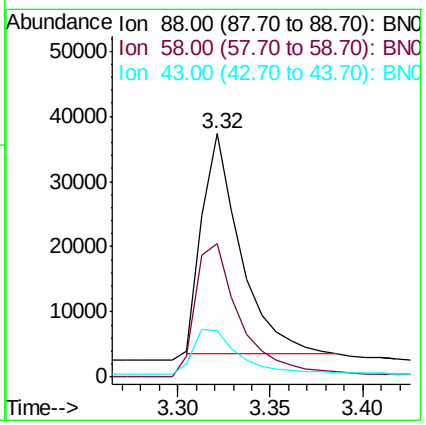


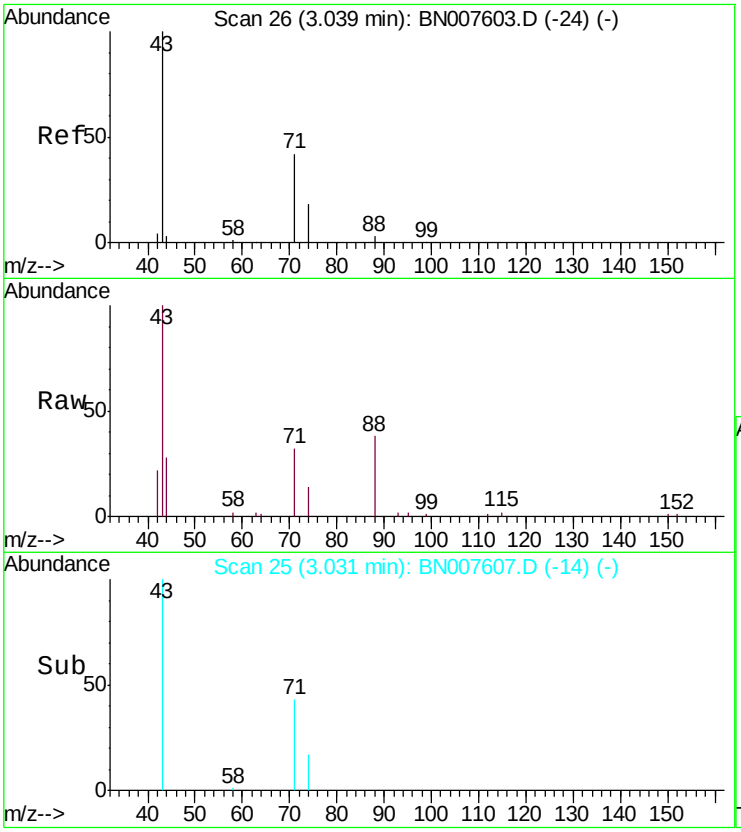


#2
1,4-Dioxane
Concen: 6.424 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion: 88 Resp: 49061

Ion	Ratio	Lower	Upper
88	100		
58	60.4	57.0	85.4
43	20.8	20.0	30.0



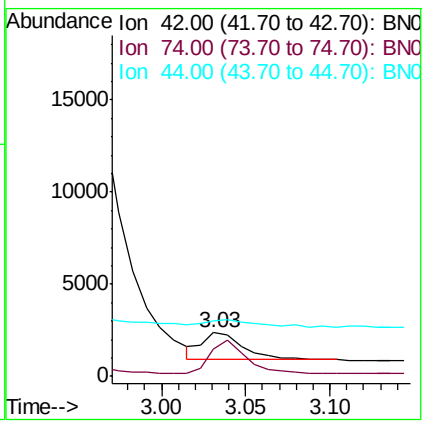


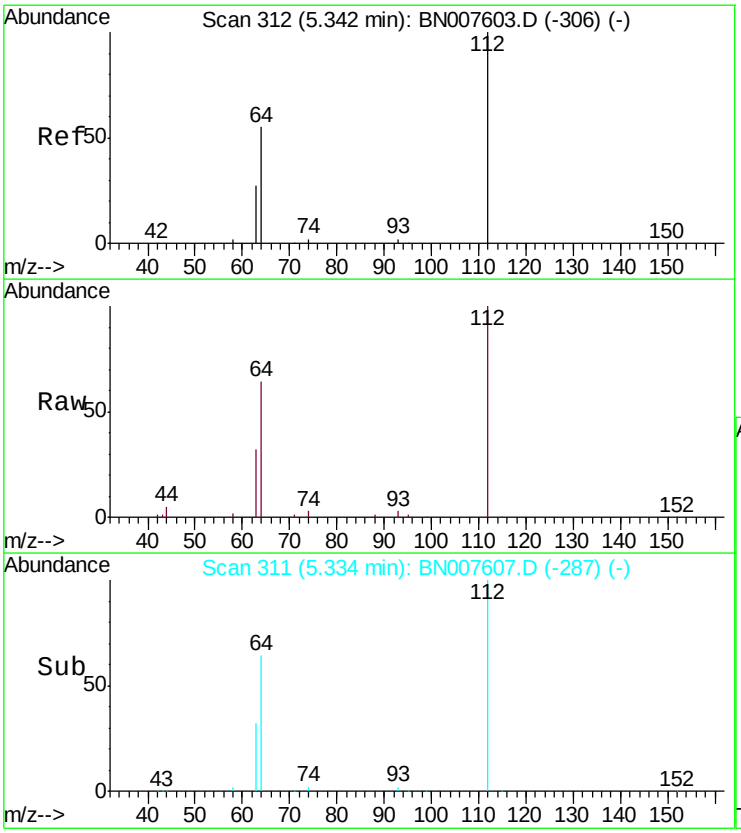
#3
n-Nitrosodimethylamine
Concen: 0.560 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 2424

Ion	Ratio	Lower	Upper
42	100		
74	109.2	9.8	14.8#
44	33.5	0.0	0.0#

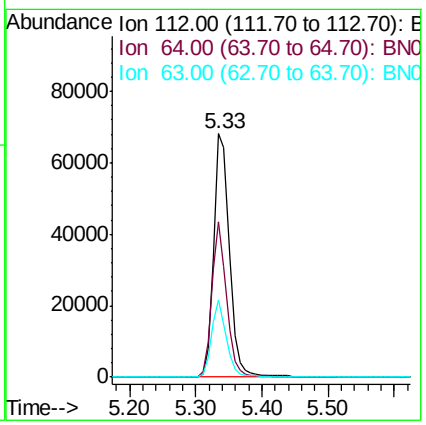


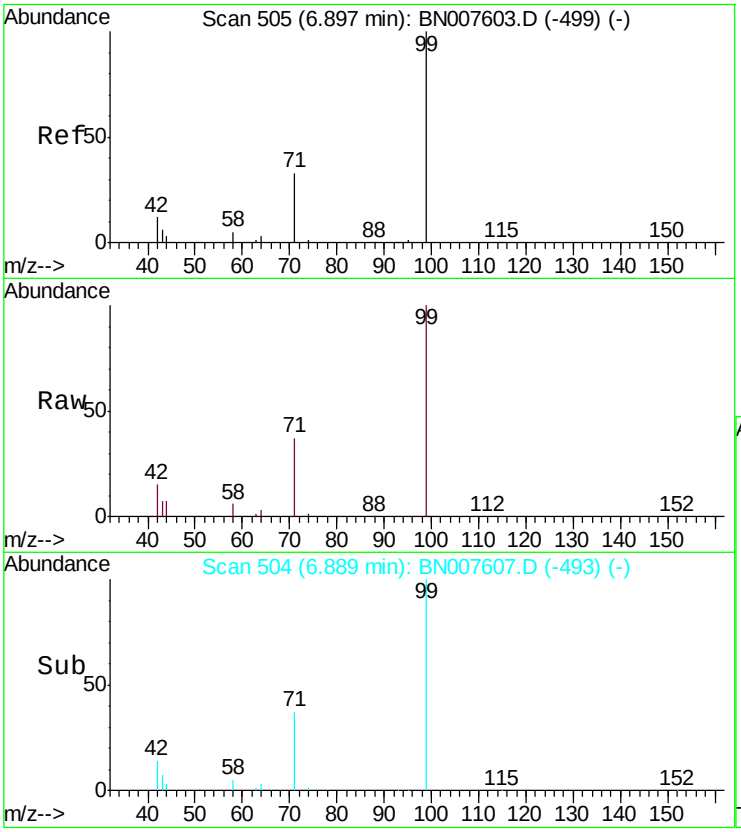


#4
2-Fluorophenol
Concen: 5.044 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:112 Resp: 111211

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



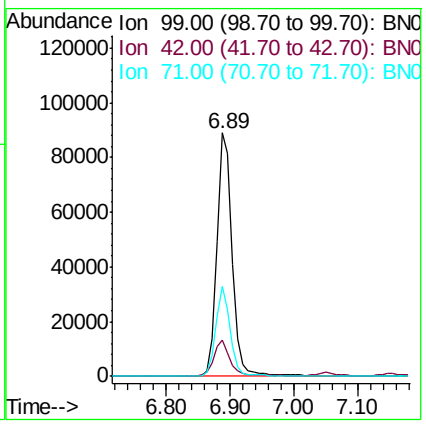


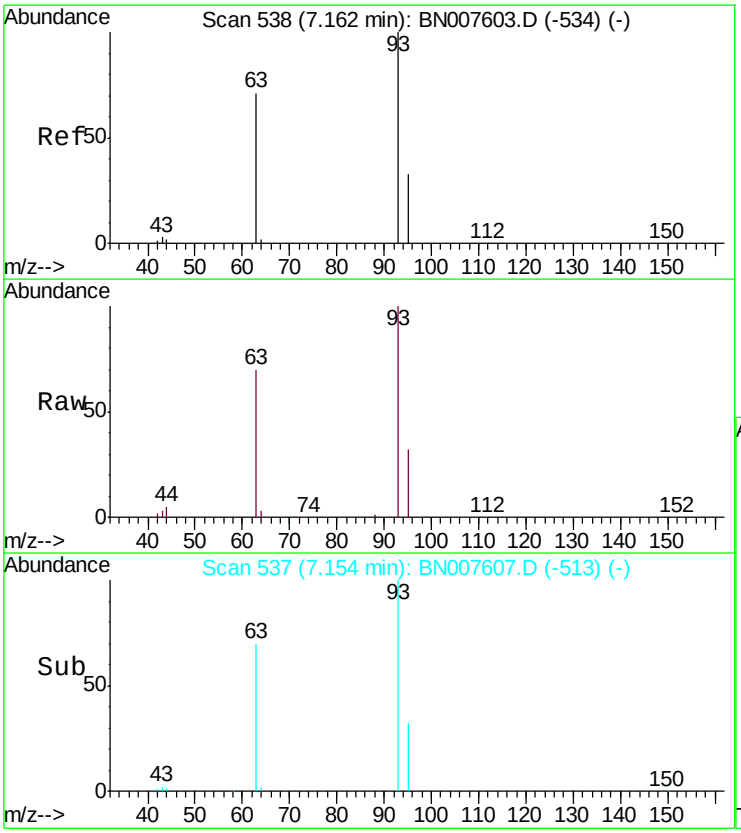
#5
Phenol-d6
Concen: 4.352 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 147287

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.6
71	35.2	28.0	42.0

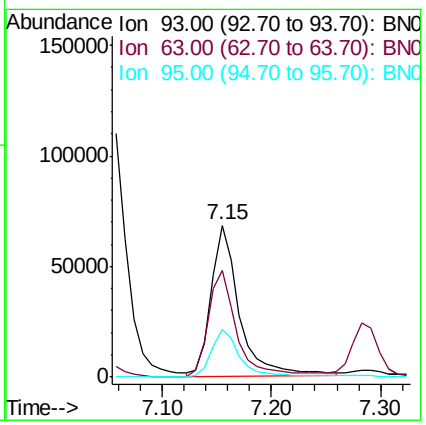


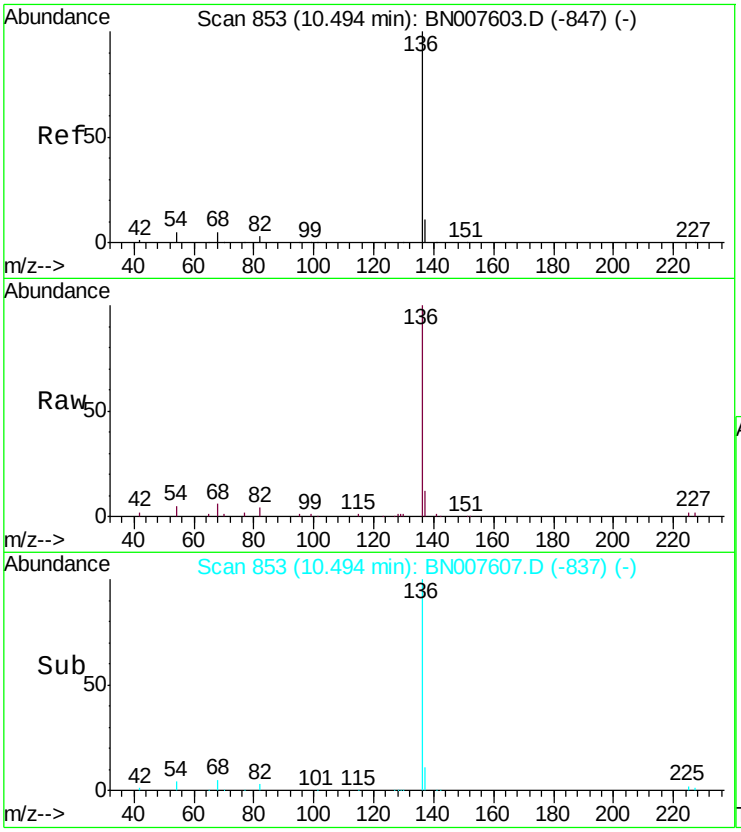


#6
bis(2-Chloroethyl)ether
Concen: 8.604 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion: 93 Resp: 122864

Ion	Ratio	Lower	Upper
93	100		
63	70.2	61.2	91.8
95	31.6	27.2	40.8



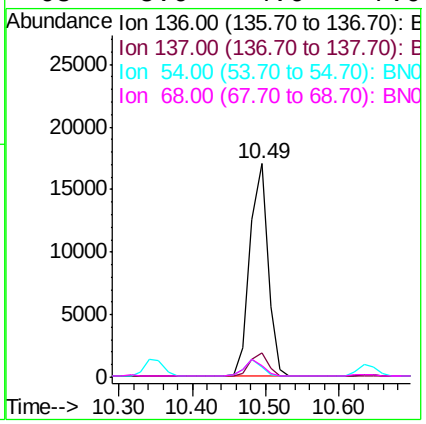


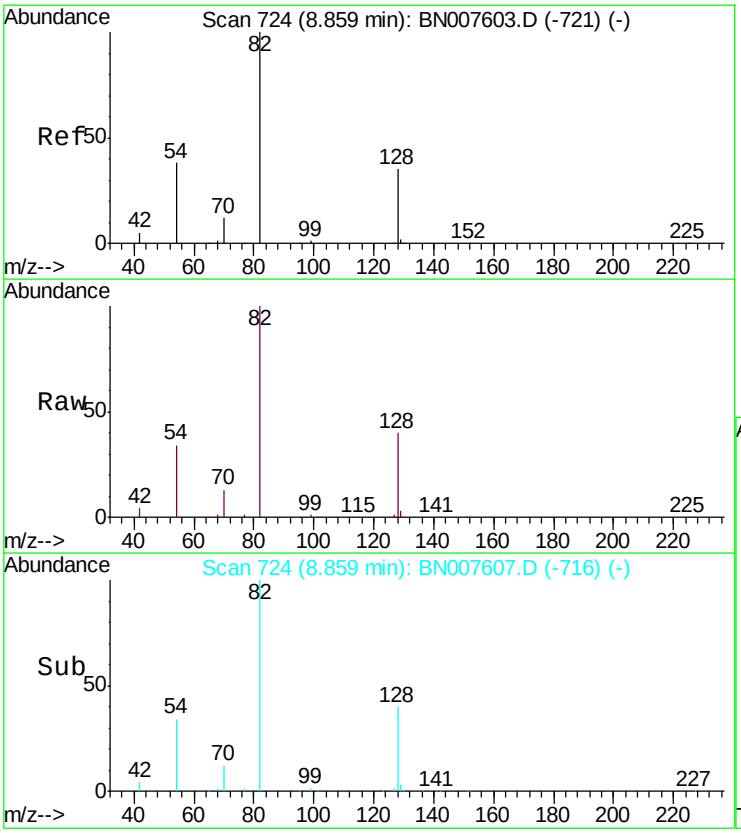
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 29058

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	4.9	4.2	6.4
68	5.6	4.6	7.0

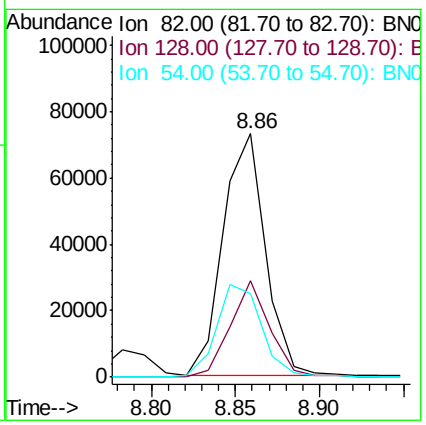


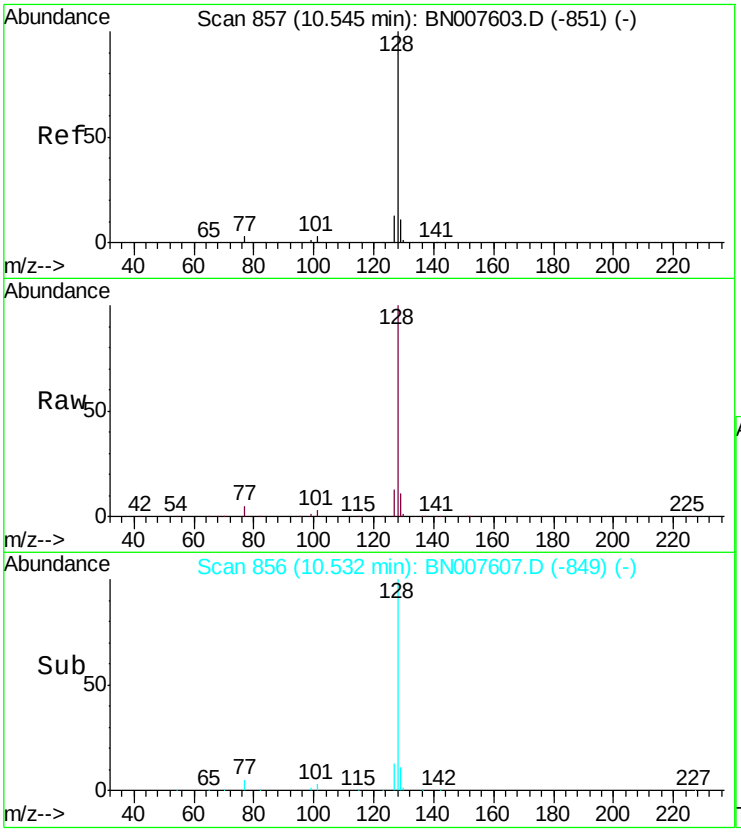


#8
Nitrobenzene-d5
Concen: 7.186 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion: 82 Resp: 127208

Ion	Ratio	Lower	Upper
82	100		
128	39.8	27.9	41.9
54	34.4	30.9	46.3



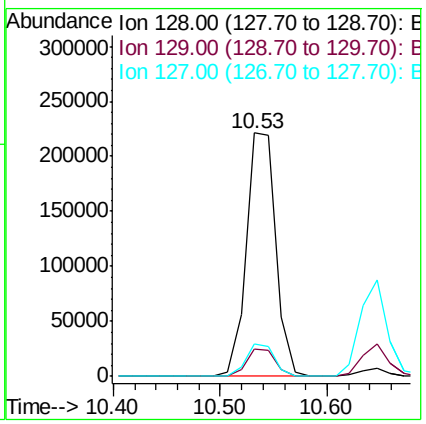


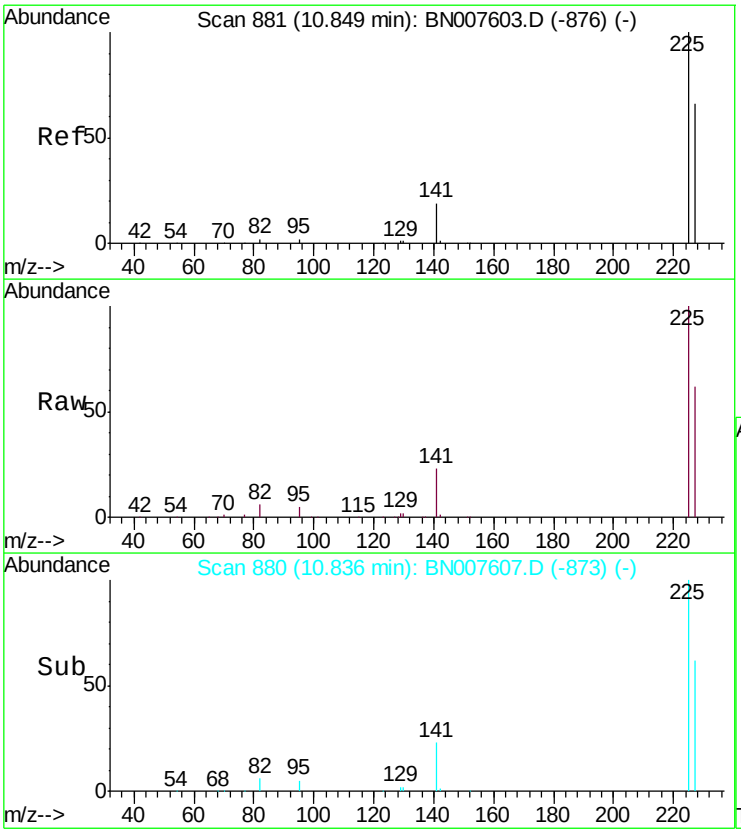
#9
Naphthalene
Concen: 5.192 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 424379

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

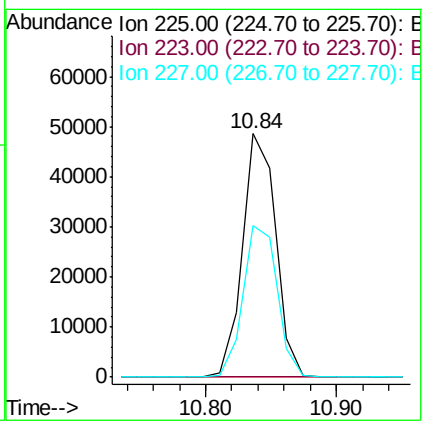


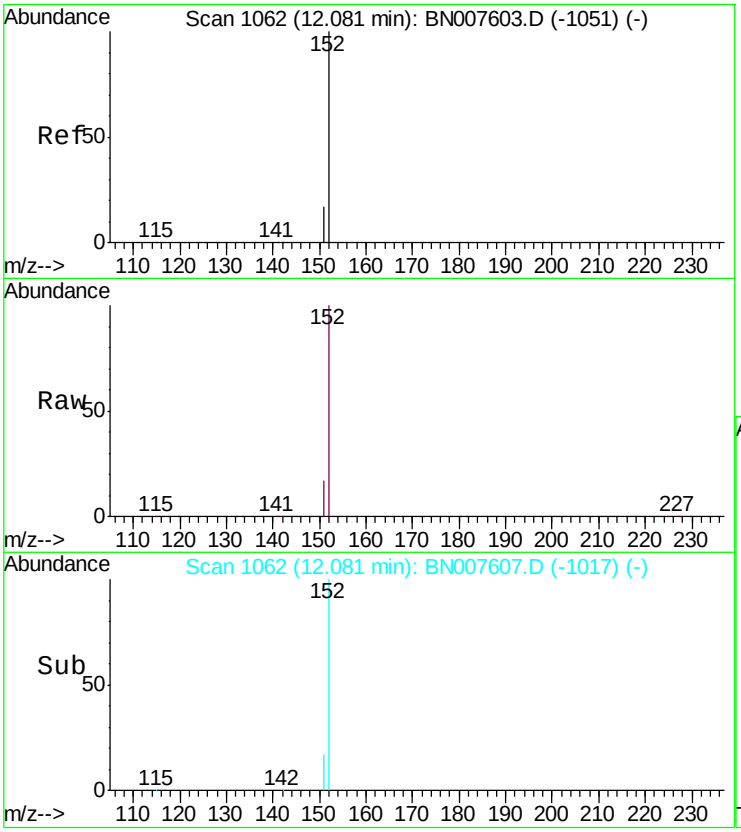


#10
Hexachlorobutadiene
Concen: 5.197 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:225 Resp: 85177

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



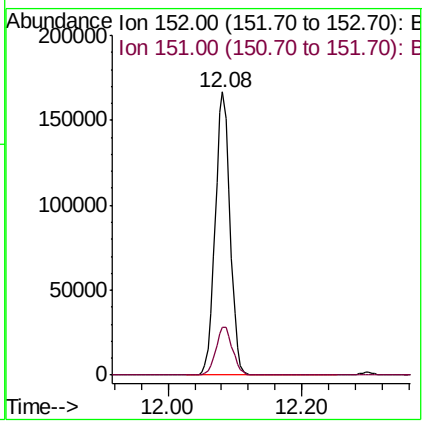


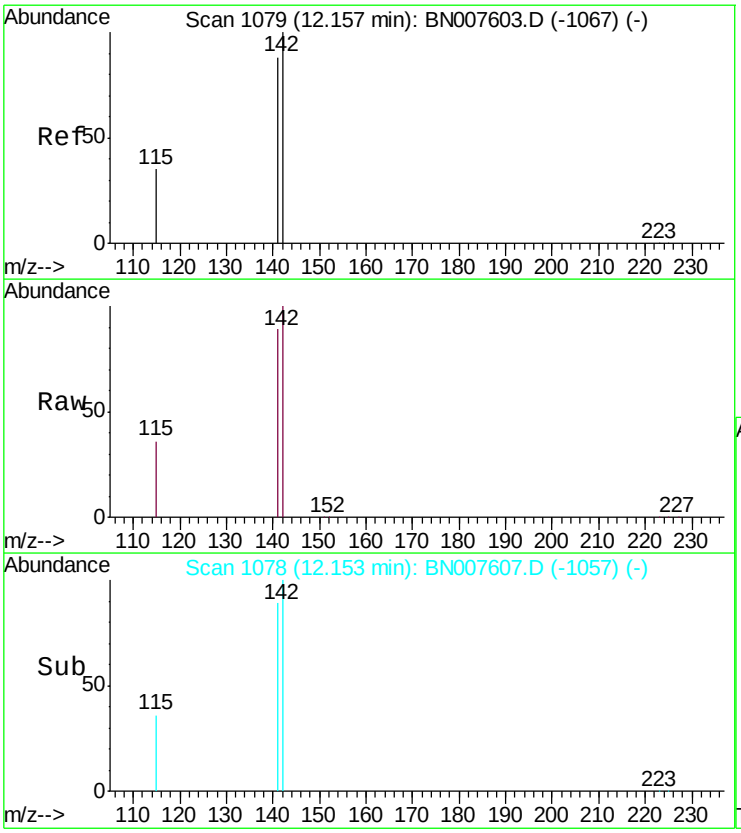
#11
2-Methylnaphthalene-d10
Concen: 5.086 ng
RT: 12.08 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 255080

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

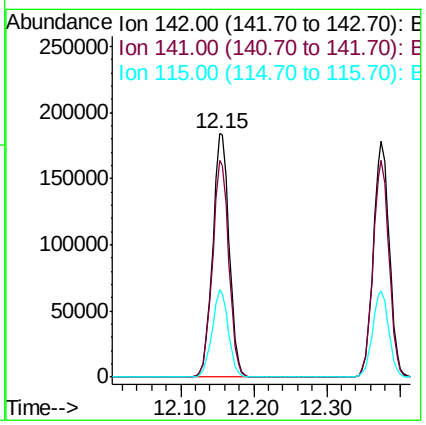


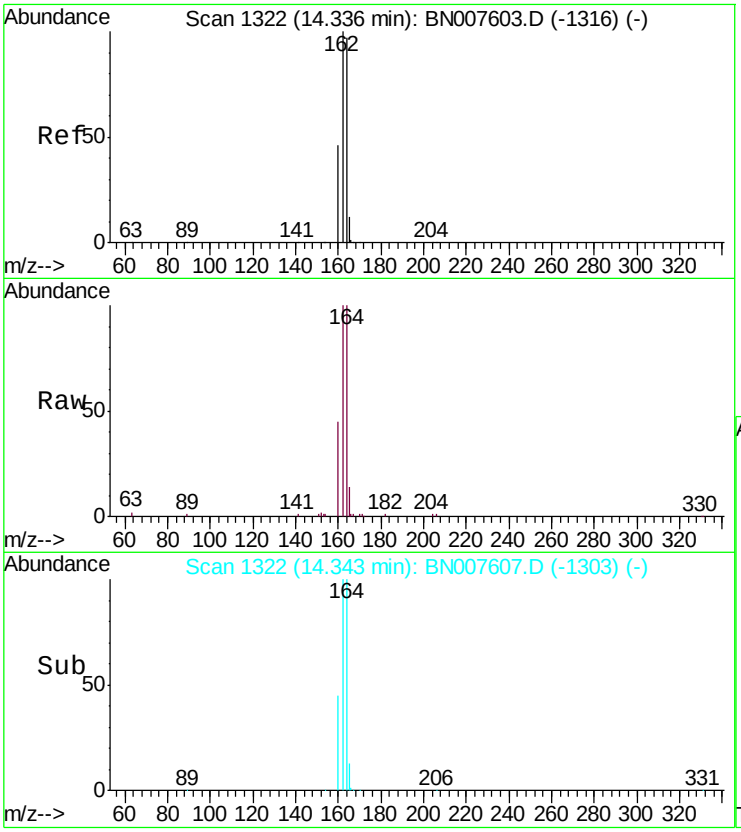


#12
2-Methylnaphthalene
Concen: 5.016 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:142 Resp: 287398

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.5	105.7
115	36.1	28.4	42.6



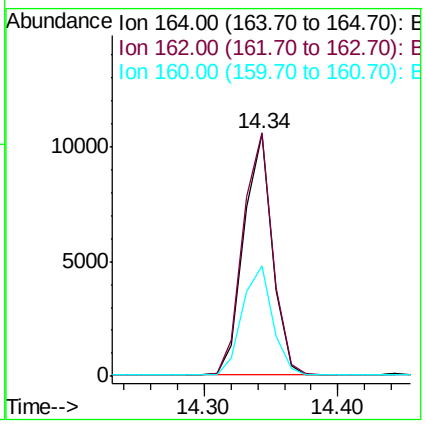


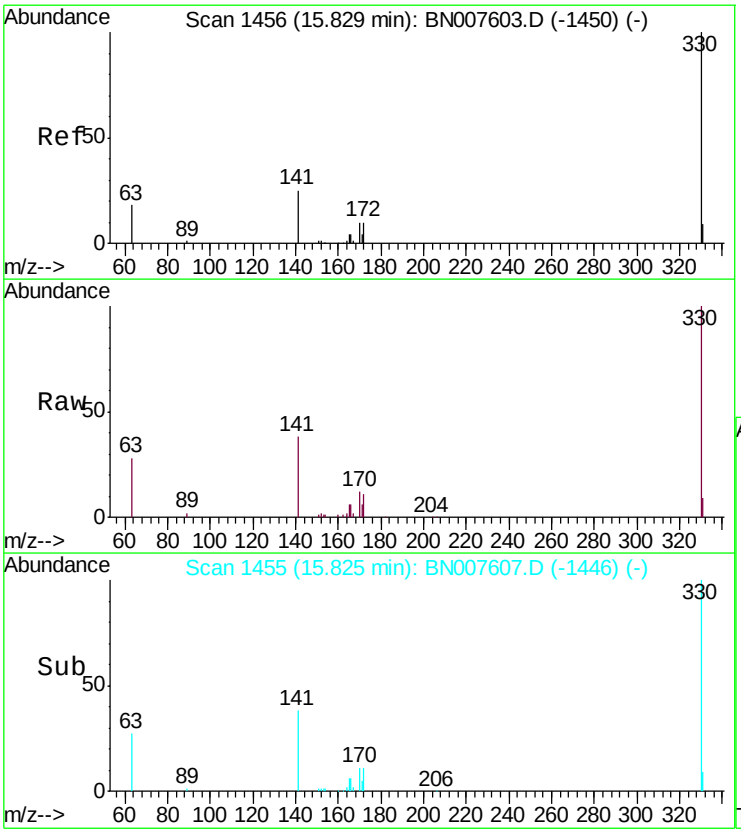
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 15505

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.8	124.2
160	45.7	38.0	57.0

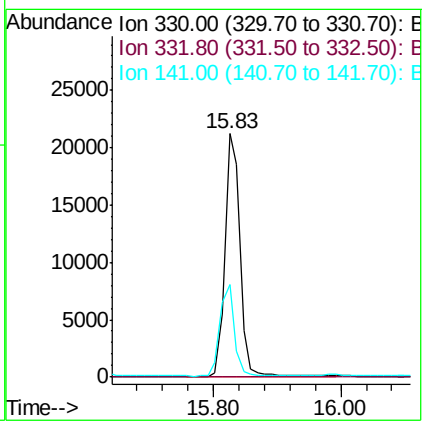


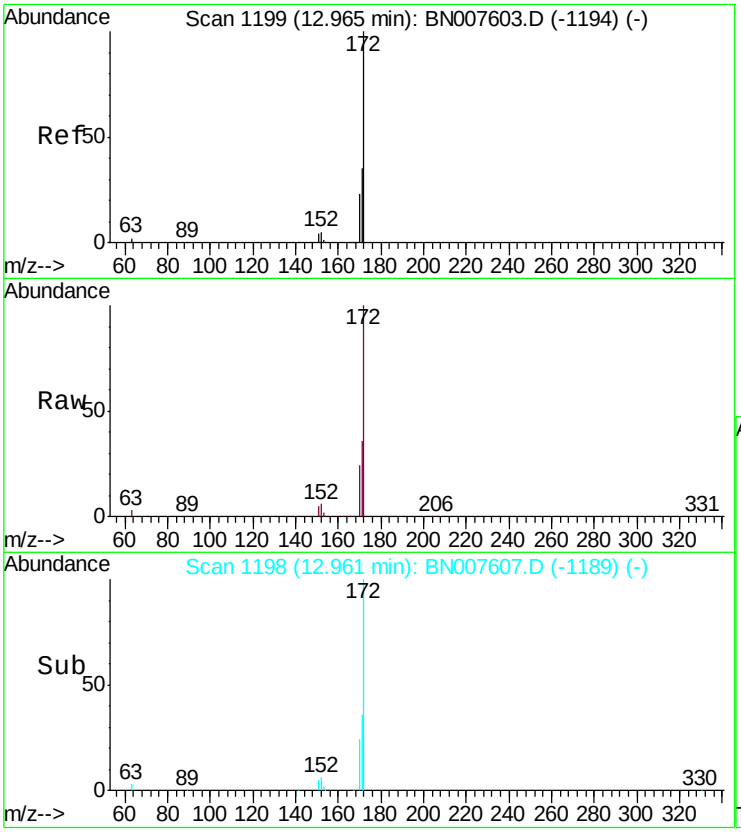


#14
2,4,6-Tribromophenol
Concen: 5.867 ng
RT: 15.83 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:330 Resp: 34572

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.4	30.1	45.1



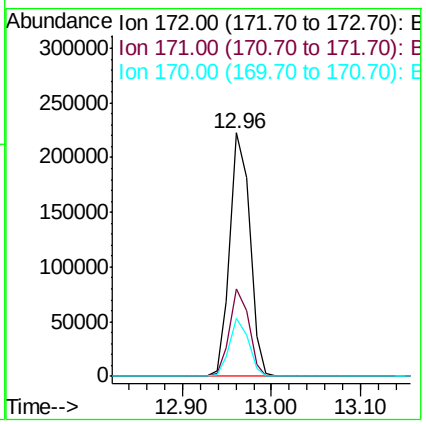


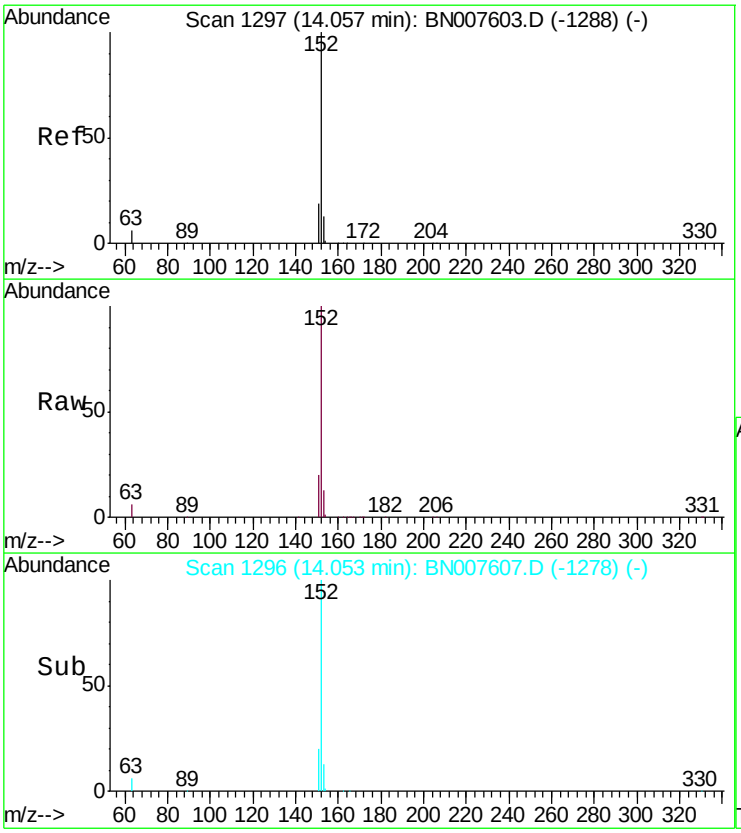
#15
2-Fluorobiphenyl
Concen: 5.401 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 346194

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.7	18.5	27.7

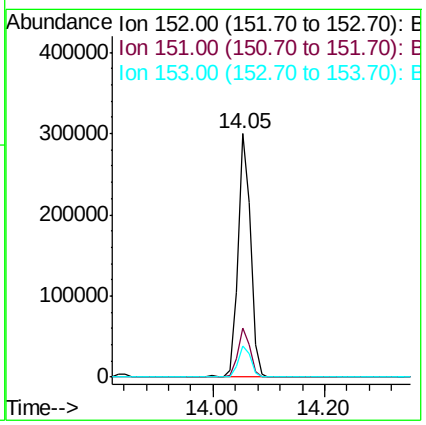


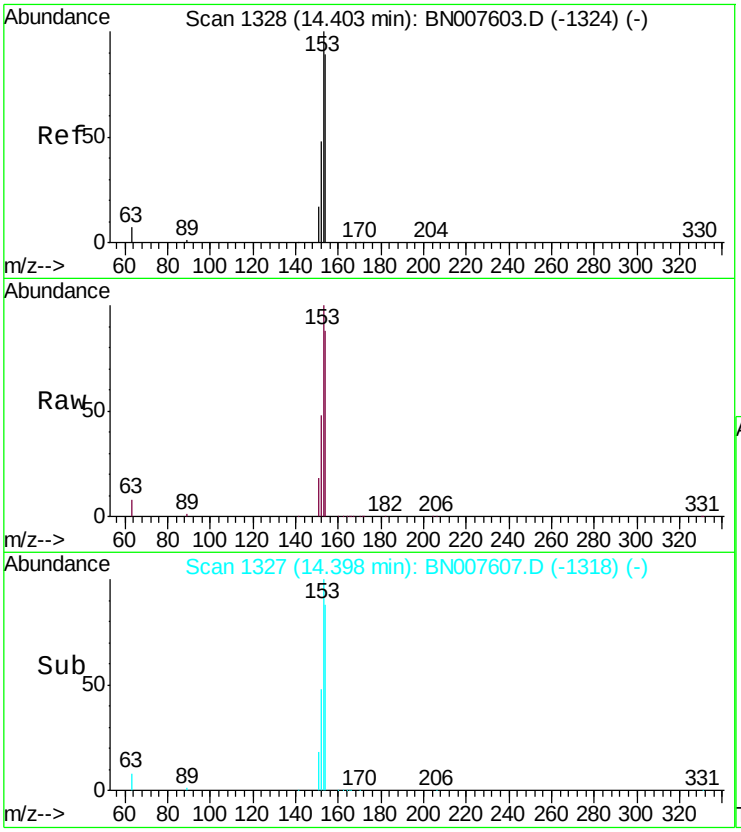


#16
Acenaphthylene
Concen: 5.447 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:152 Resp: 453611

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.4	15.6



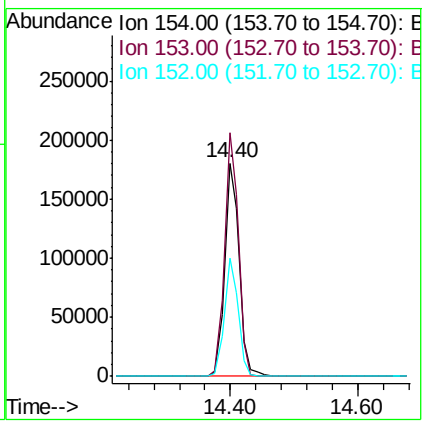


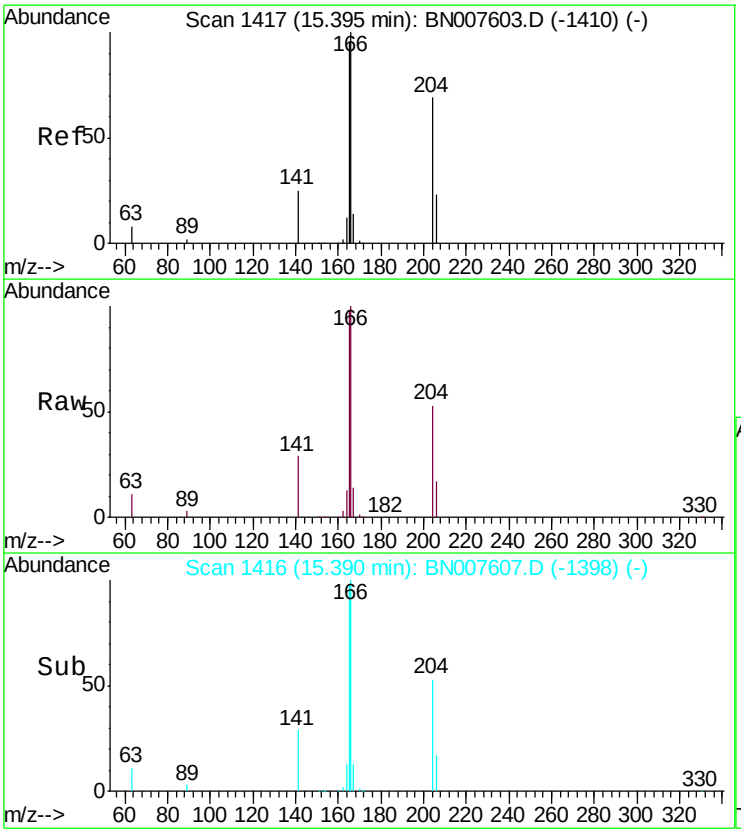
#17
Acenaphthene
Concen: 5.352 ng
RT: 14.40 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 281547

Ion	Ratio	Lower	Upper
154	100		
153	109.4	89.8	134.8
152	52.7	43.8	65.8

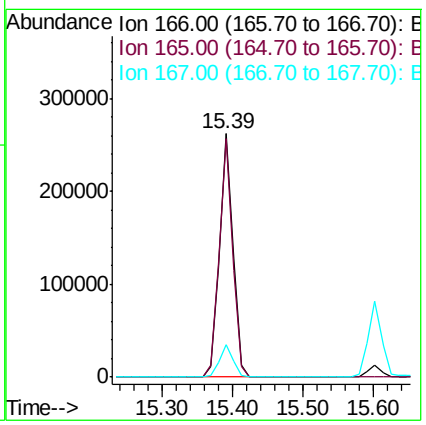


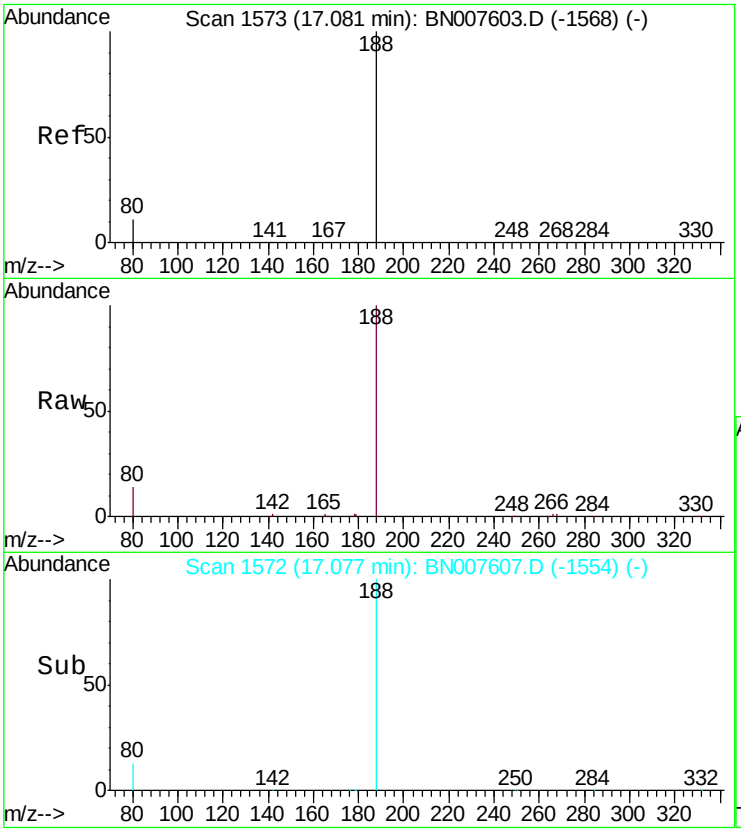


#18
Fluorene
Concen: 5.159 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:166 Resp: 357333

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.5	10.8	16.2



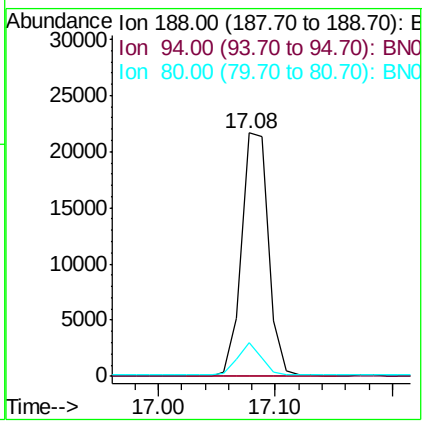


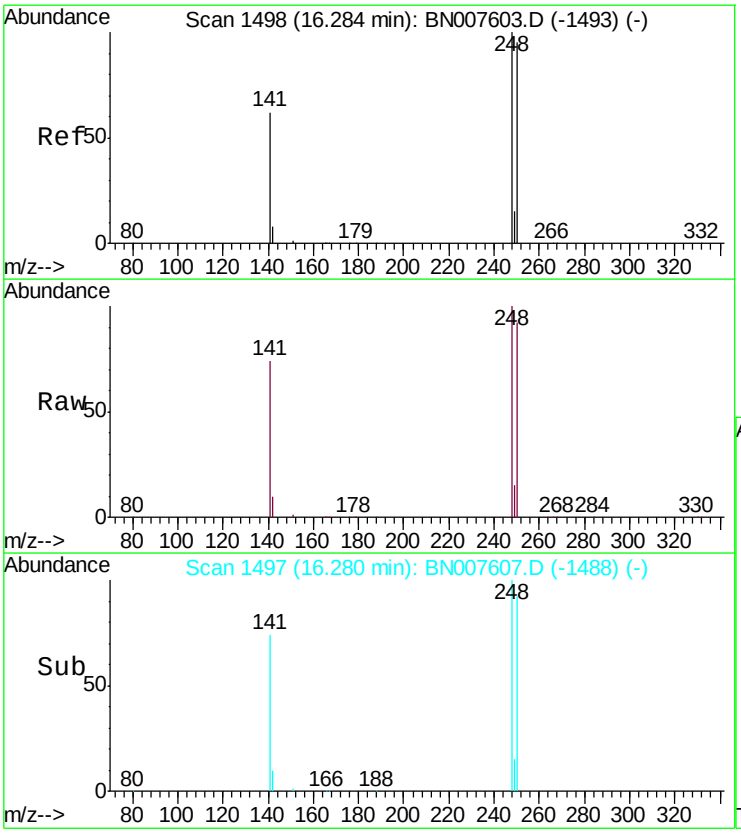
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 34377

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	8.8	13.2#

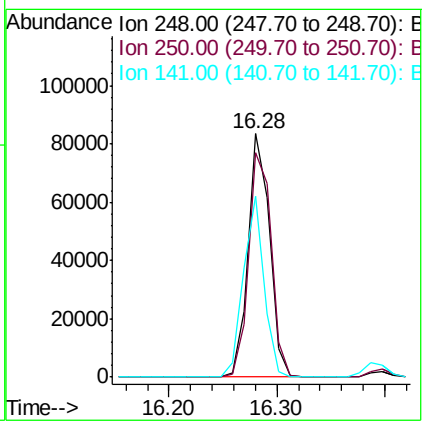


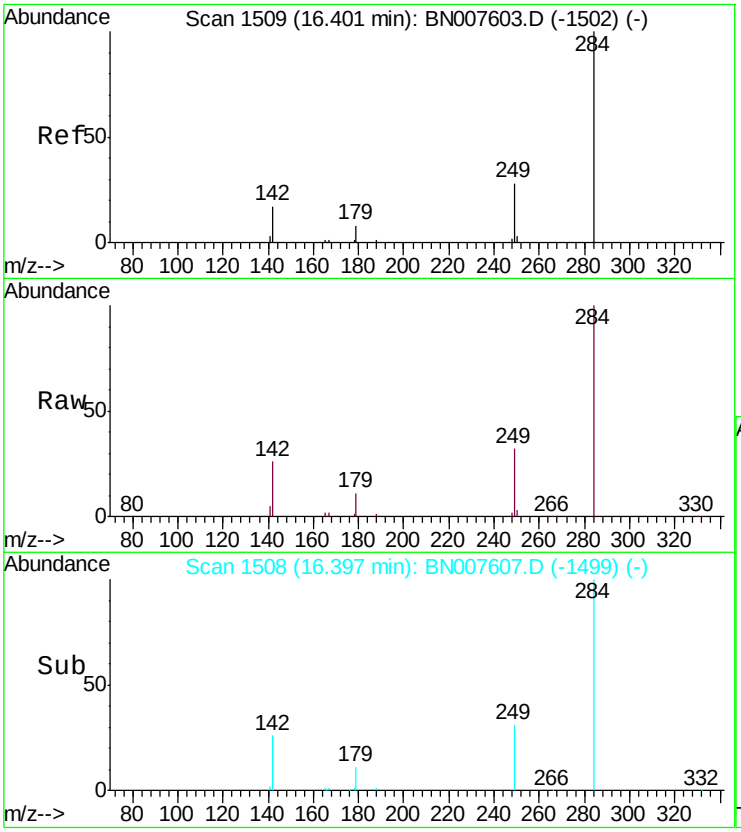


#20
4-Bromophenyl-phenylether
Concen: 5.622 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:248 Resp: 114292

Ion	Ratio	Lower	Upper
248	100		
250	91.9	76.3	114.5
141	74.3	49.7	74.5



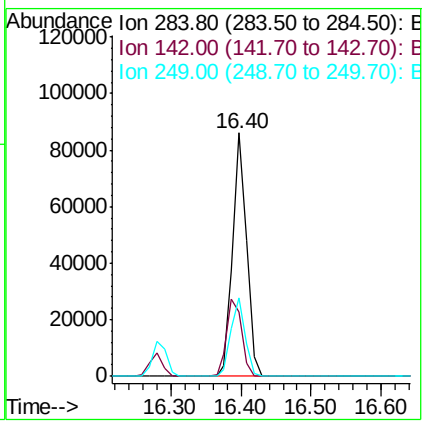


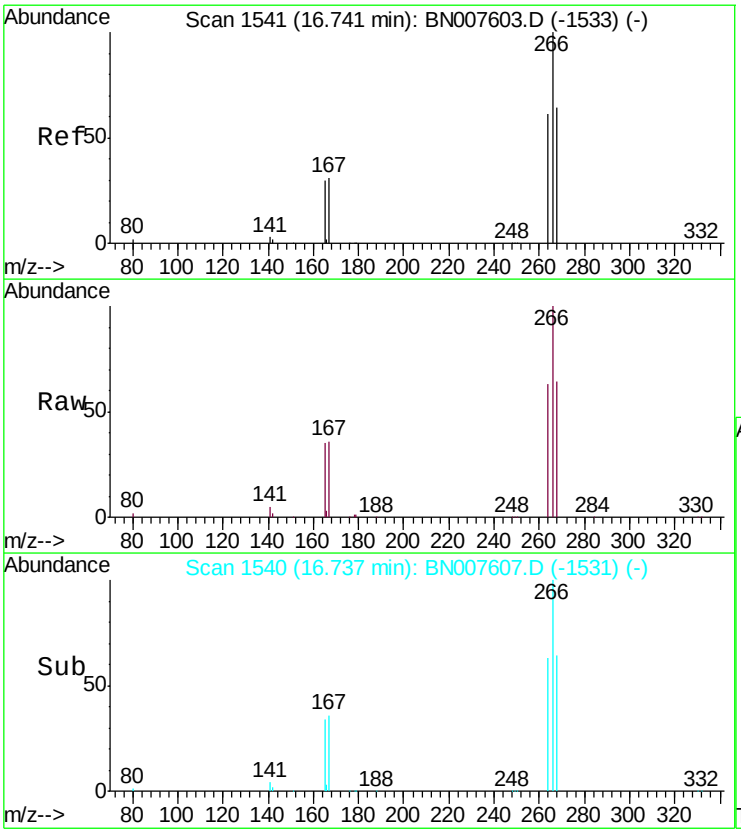
#21
Hexachlorobenzene
Concen: 5.447 ng
RT: 16.40 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 116472

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.8	41.6
249	32.6	25.5	38.3

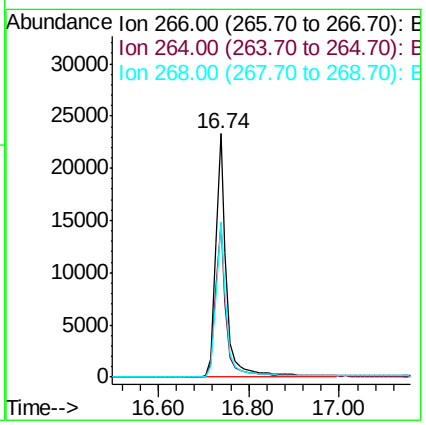


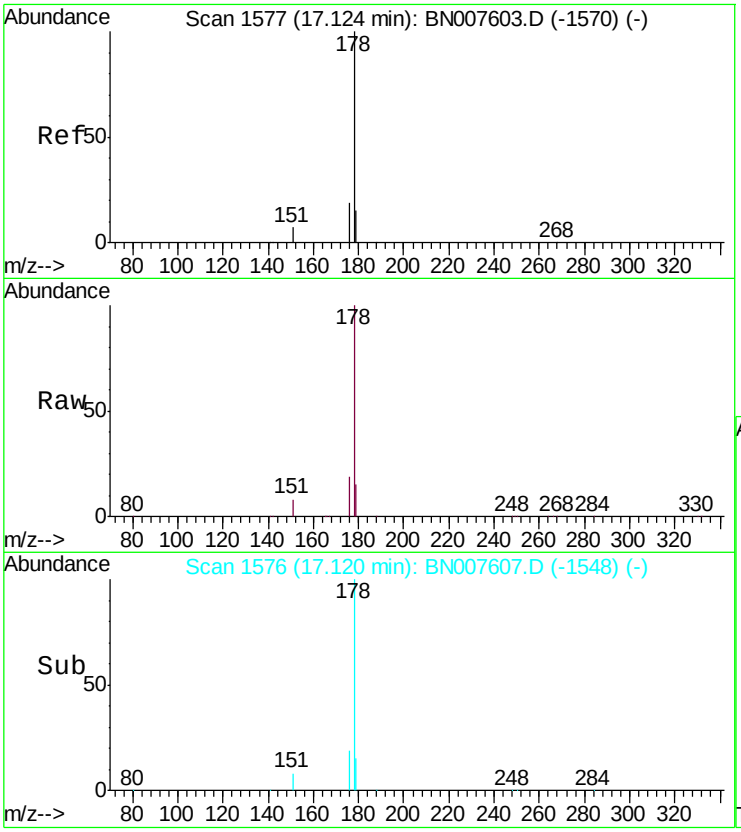


#22
Pentachlorophenol
Concen: 6.449 ng
RT: 16.74 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:266 Resp: 38326

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.0
268	63.9	53.0	79.6



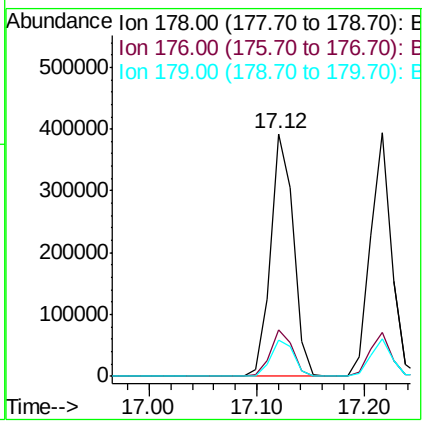


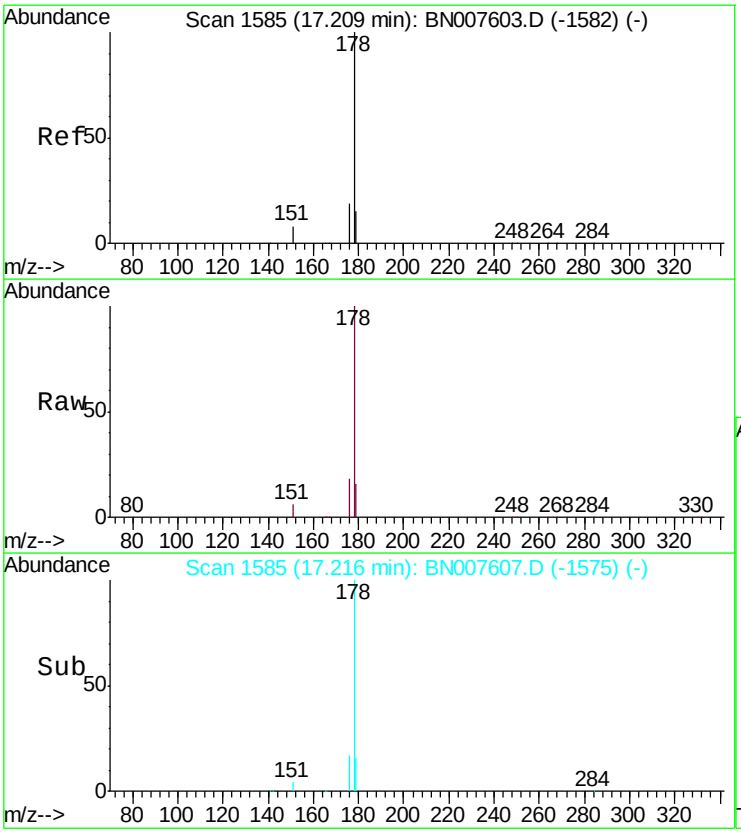
#23
Phenanthrene
Concen: 5.373 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 570104

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.4	12.4	18.6

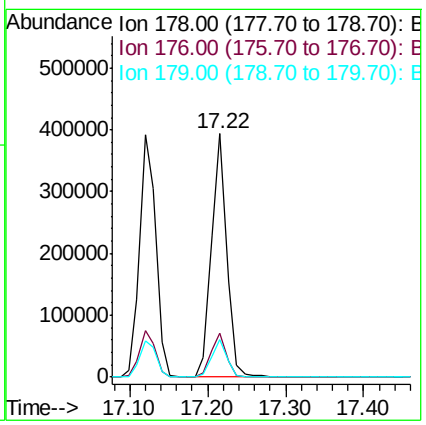


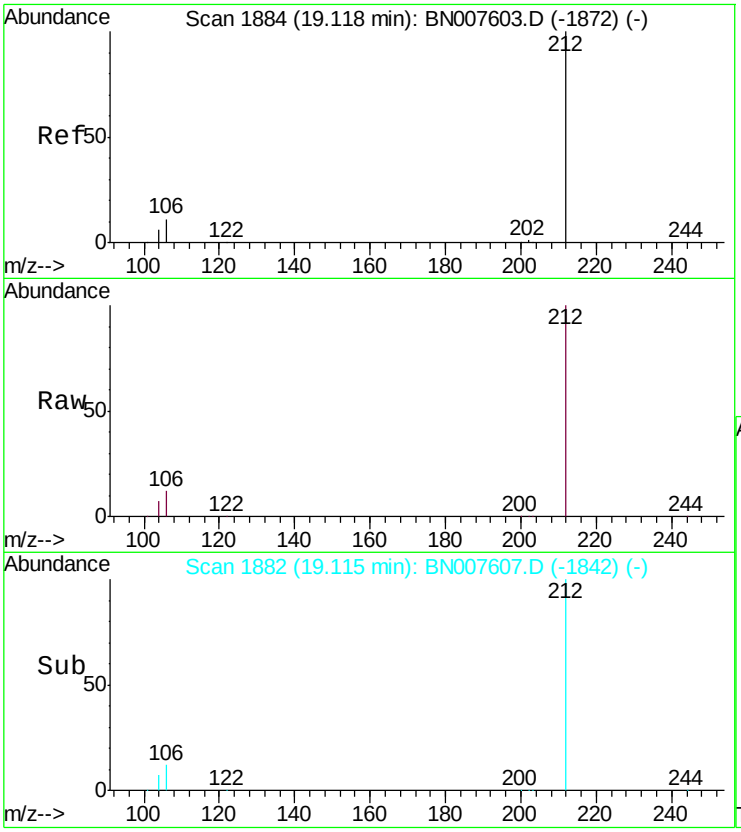


#24
Anthracene
Concen: 5.454 ng
RT: 17.22 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:178 Resp: 533831

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.5	12.4	18.6



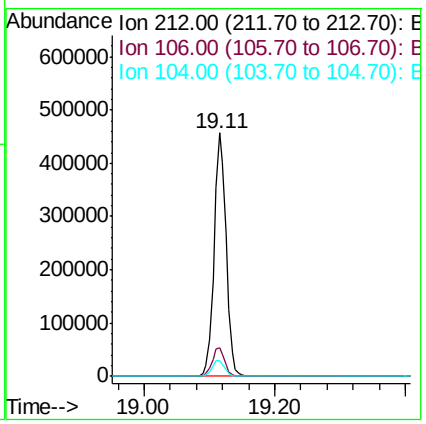


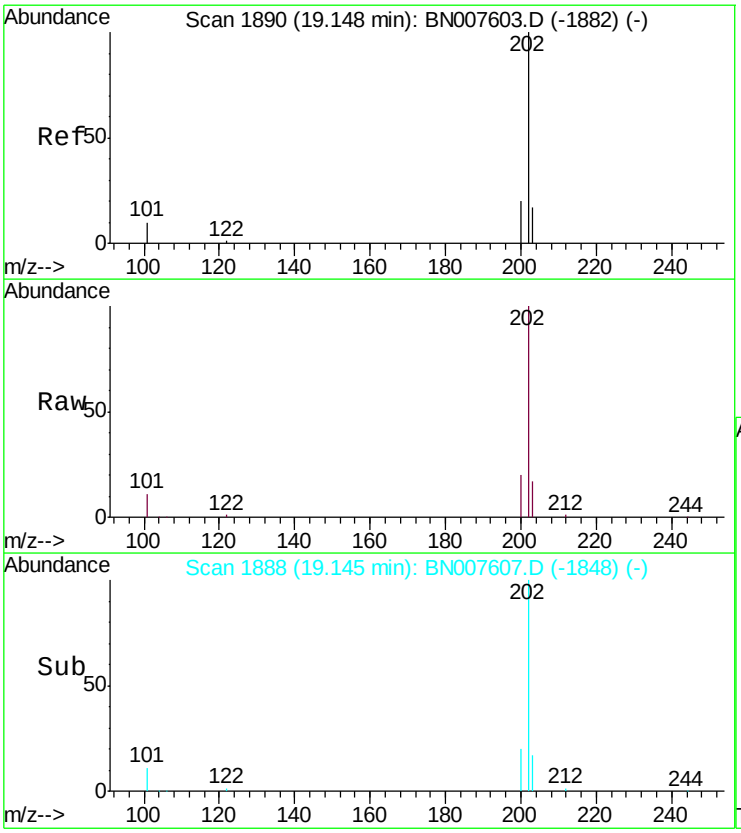
#25
Fluoranthene-d10
Concen: 5.233 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 584391

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.6	14.4
104	6.8	5.4	8.0

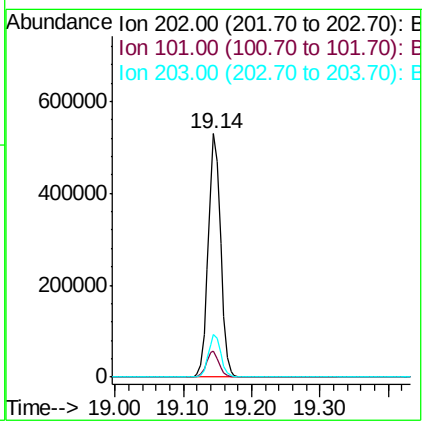


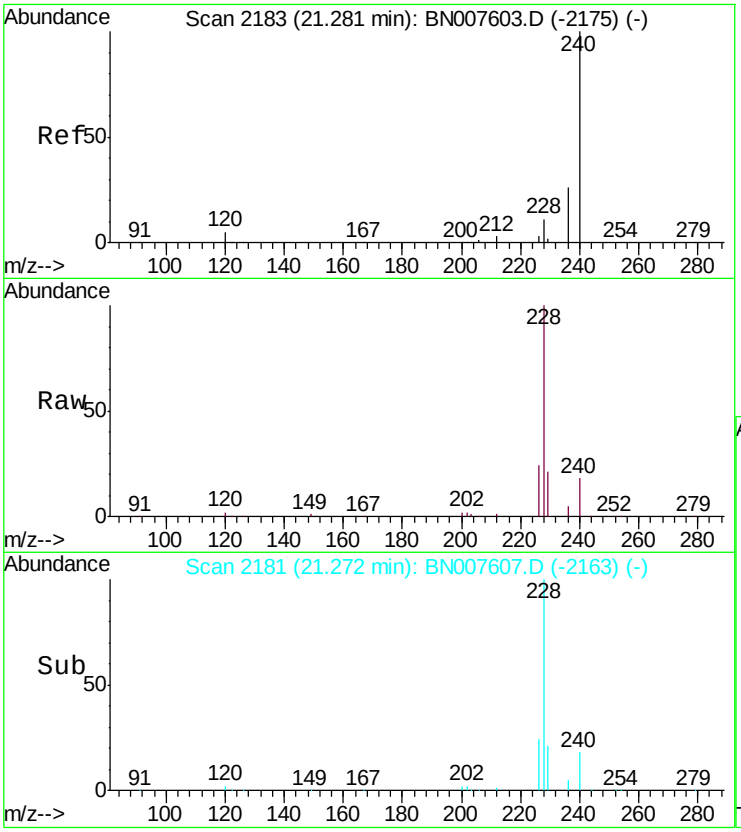


#26
Fluoranthene
Concen: 5.251 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:202 Resp: 676058

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.4	13.8	20.6



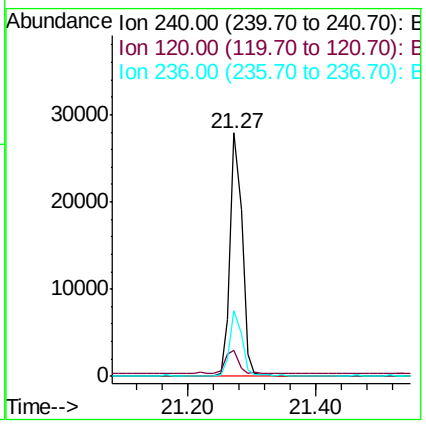


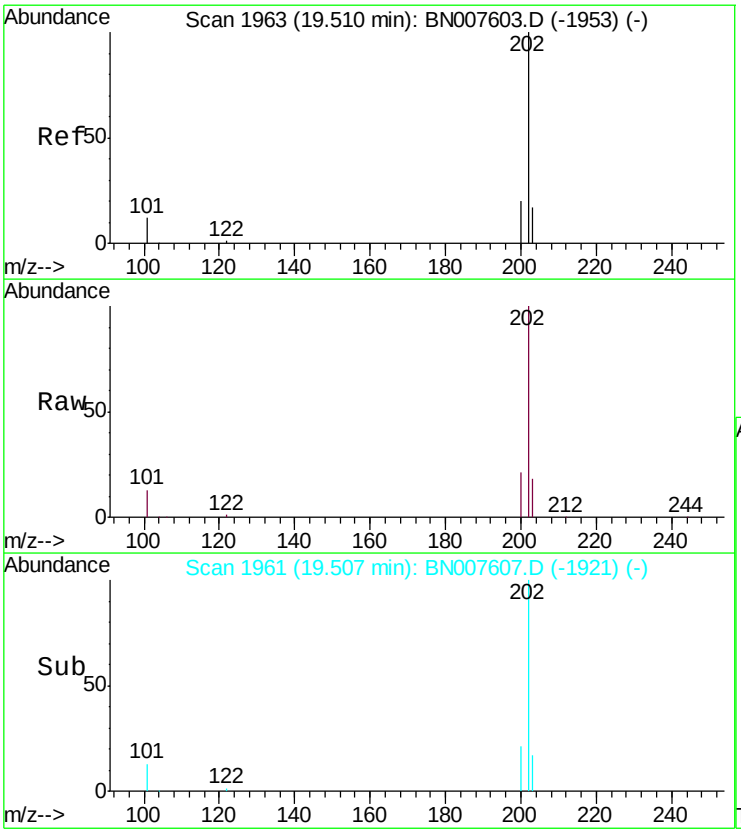
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 36281

Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.3	6.5#
236	27.0	20.8	31.2

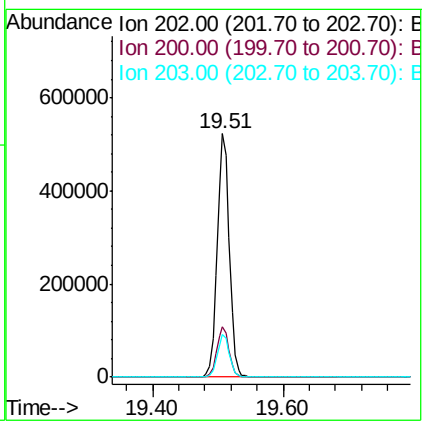


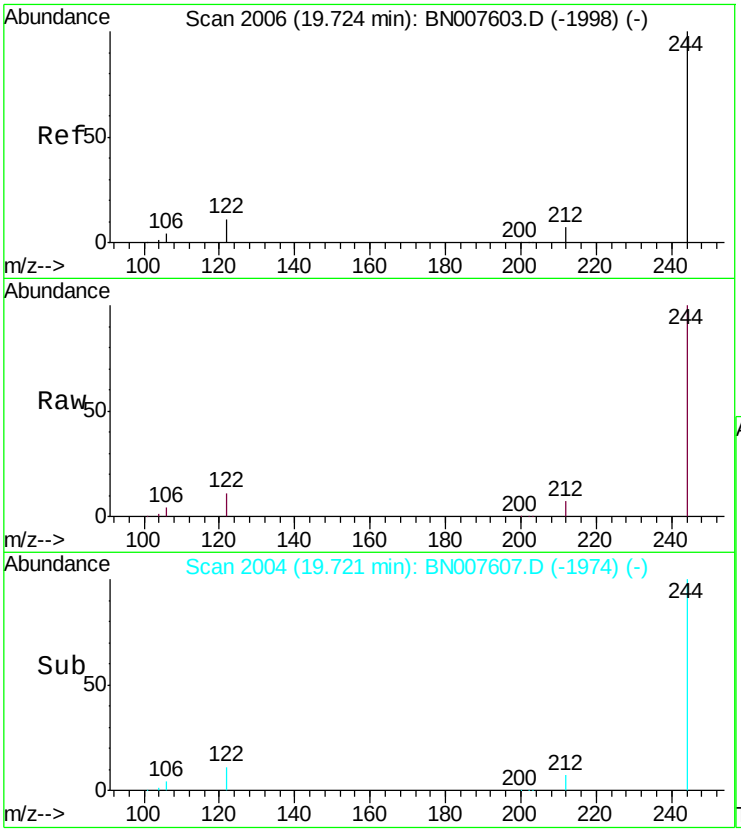


#28
Pyrene
Concen: 5.162 ng
RT: 19.51 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:202 Resp: 673051

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.6	14.0	21.0



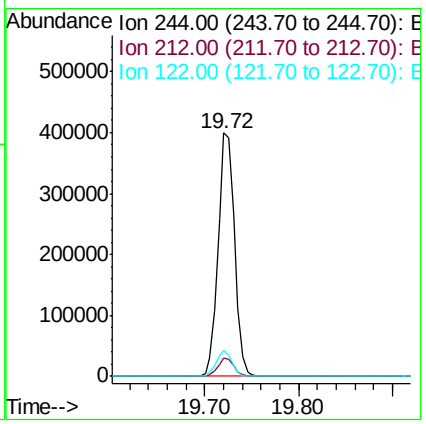


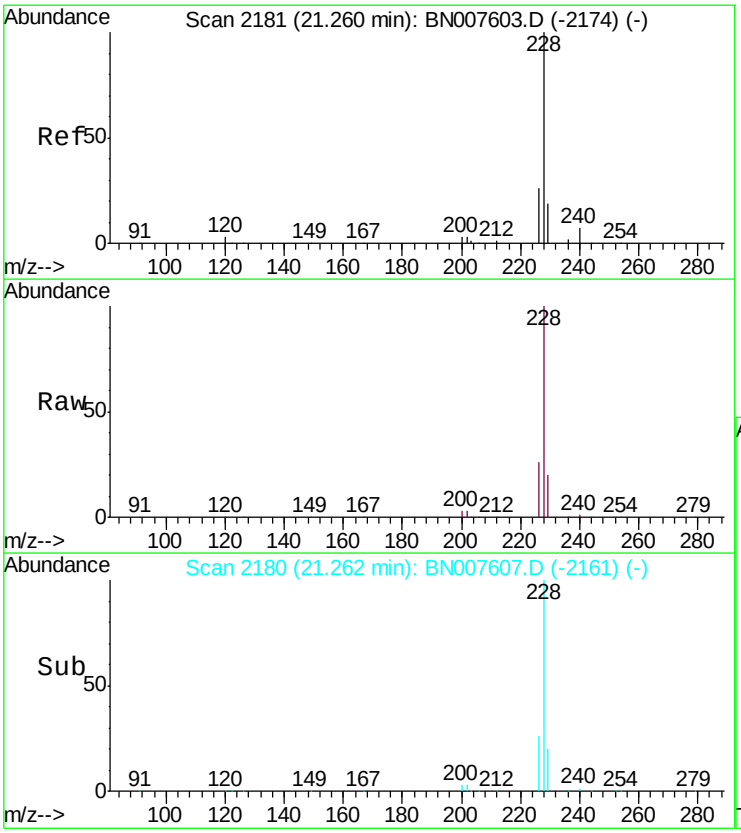
#29
Terphenyl-d14
Concen: 5.115 ng
RT: 19.72 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 482844

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	8.6	12.8

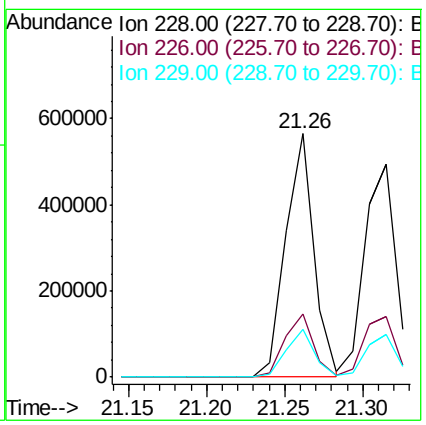


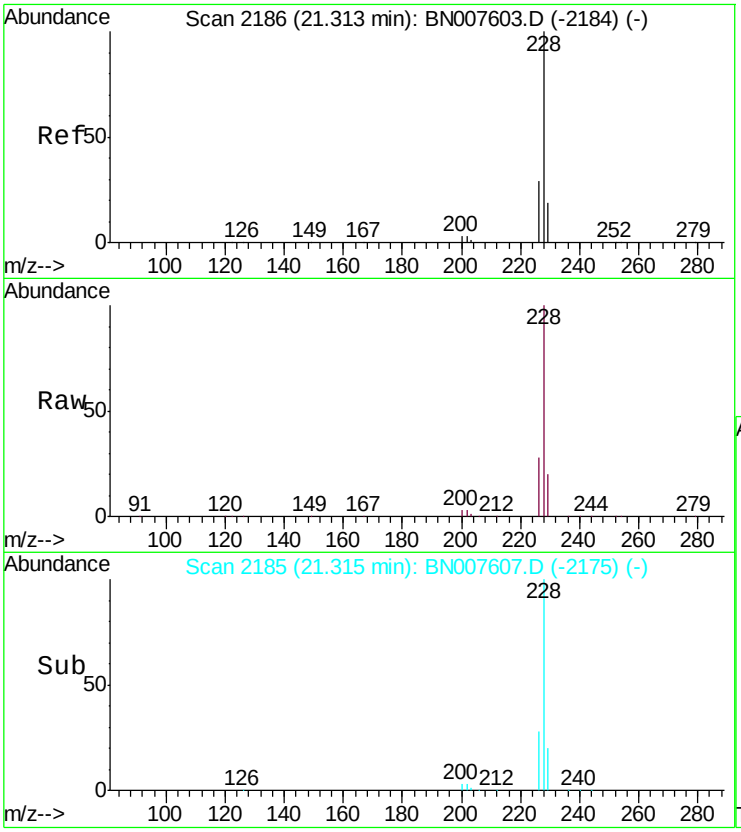


#30
Benzo(a)anthracene
Concen: 5.440 ng
RT: 21.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:228 Resp: 706200

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.2	31.8
229	19.8	15.5	23.3



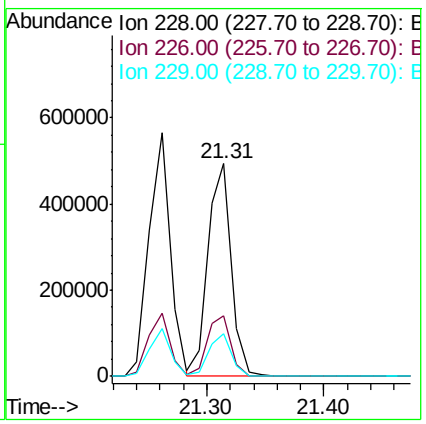


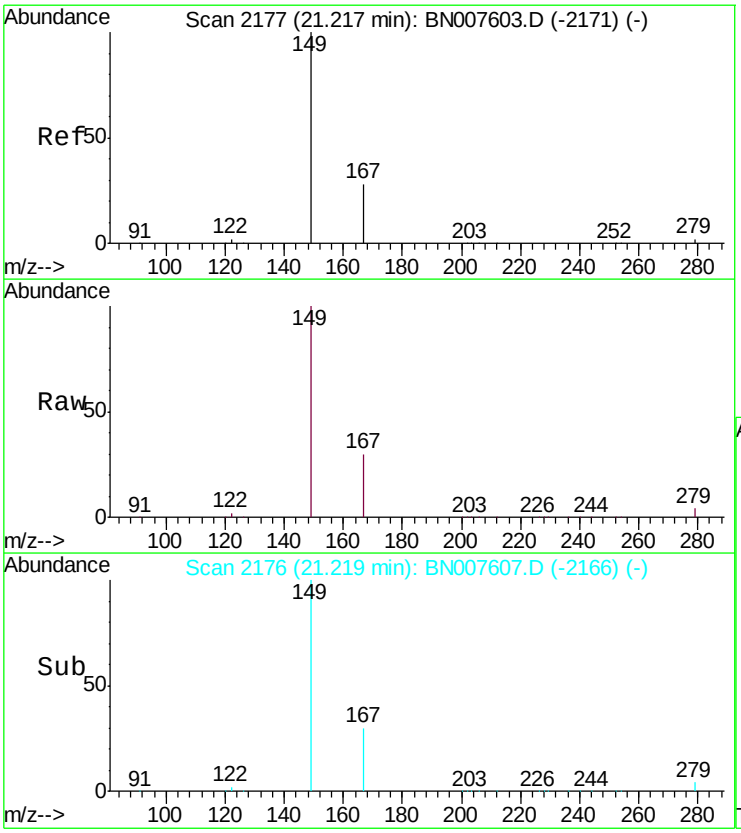
#31
Chrysene
Concen: 5.198 ng
RT: 21.31 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 685610

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.1	15.5	23.3

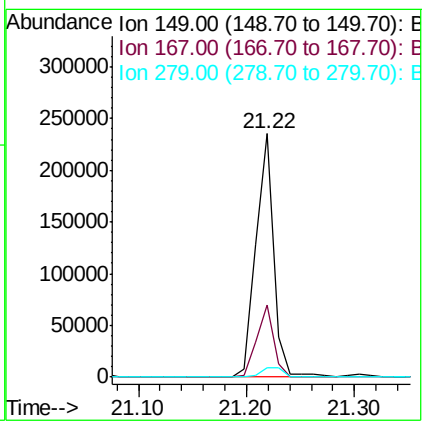


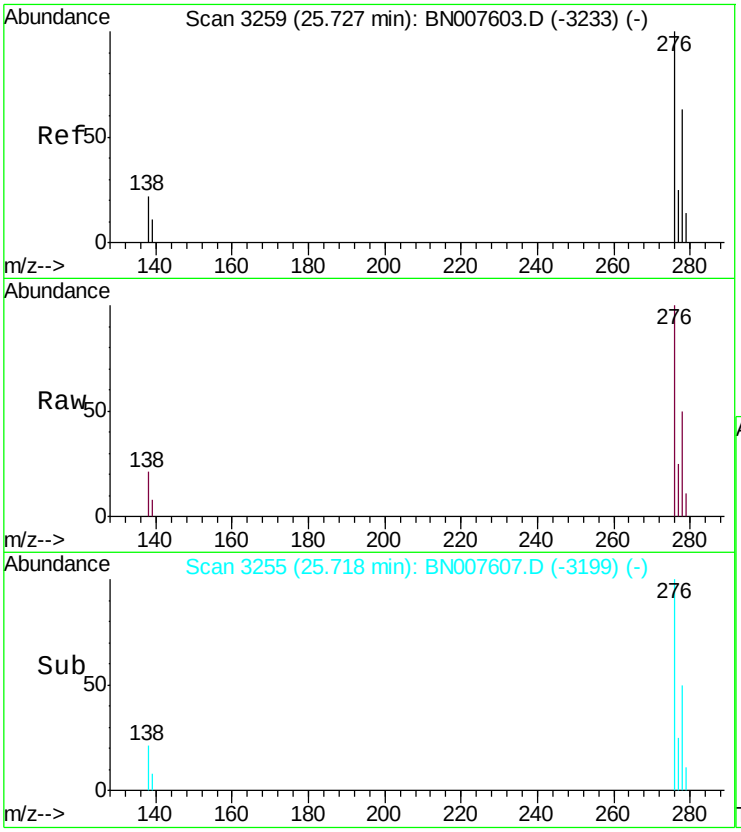


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.948 ng
RT: 21.22 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:149 Resp: 264258

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.7	3.8	5.6



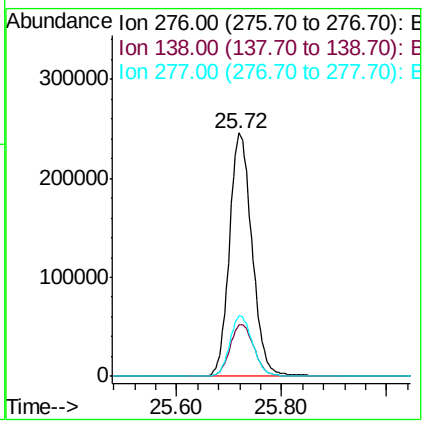


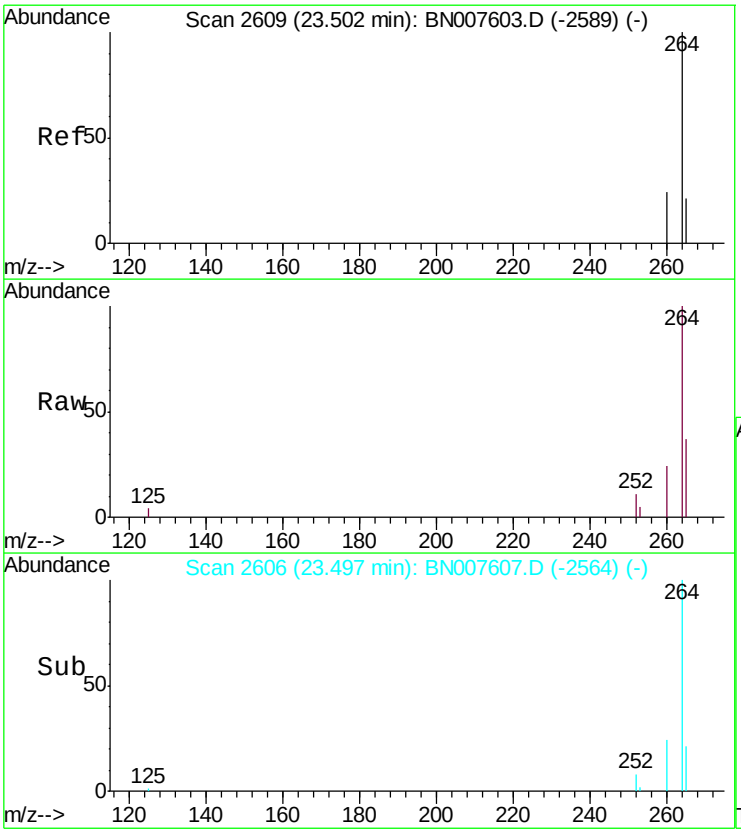
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.291 ng
RT: 25.72 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 737823

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	25.1	20.1	30.1

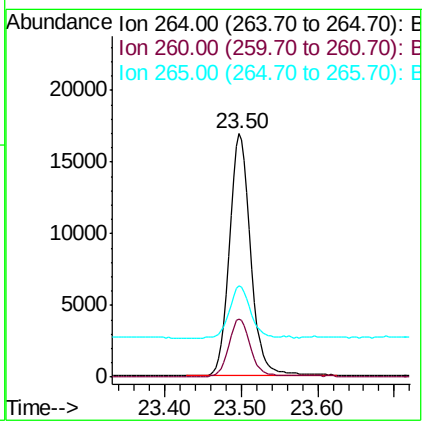


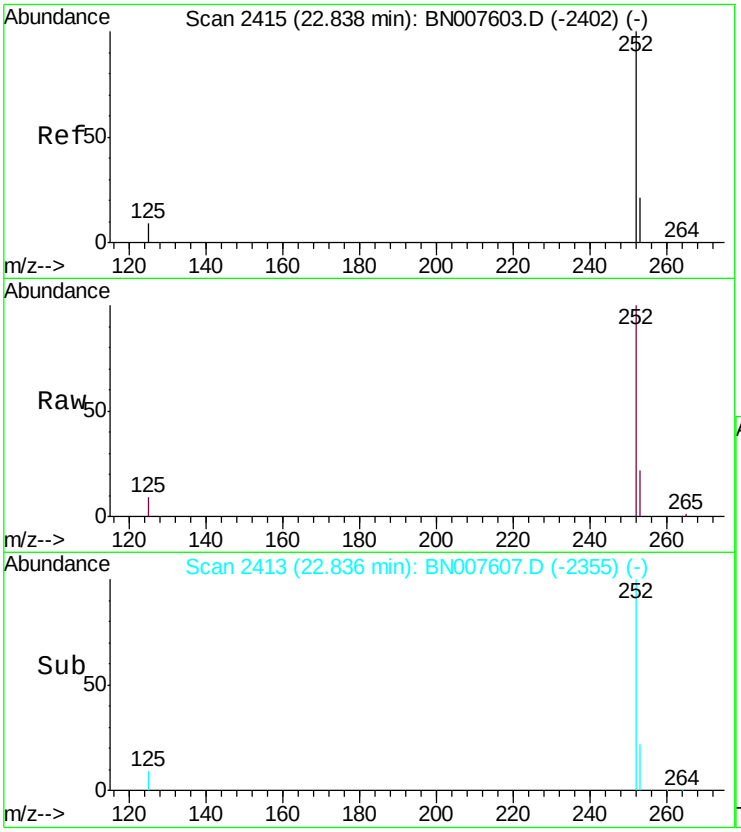


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:264 Resp: 33041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	37.4	24.6	37.0#



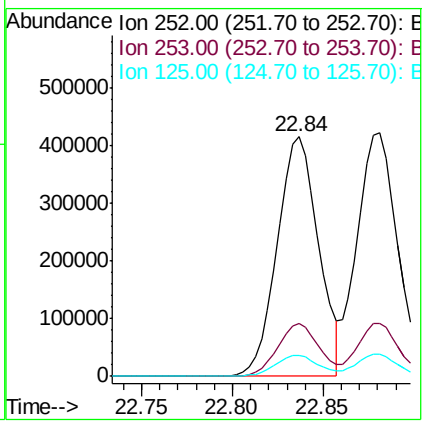


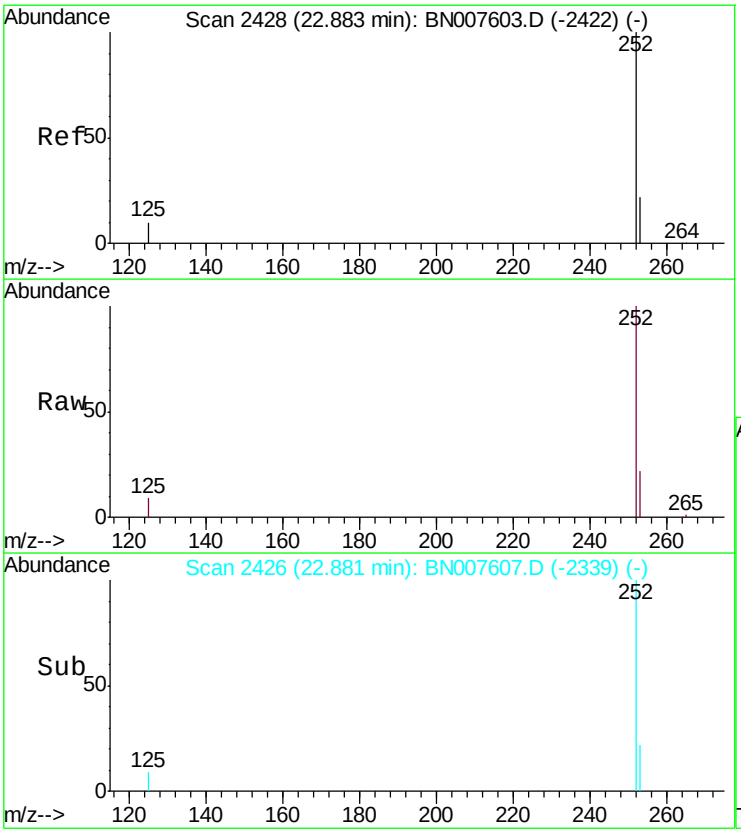
#35
Benzo(b)fluoranthene
Concen: 5.582 ng
RT: 22.84 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 655849

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.0	8.0	12.0

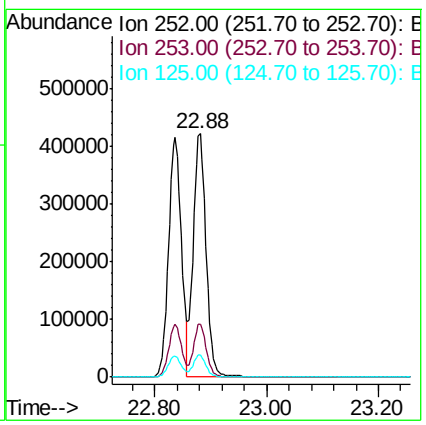


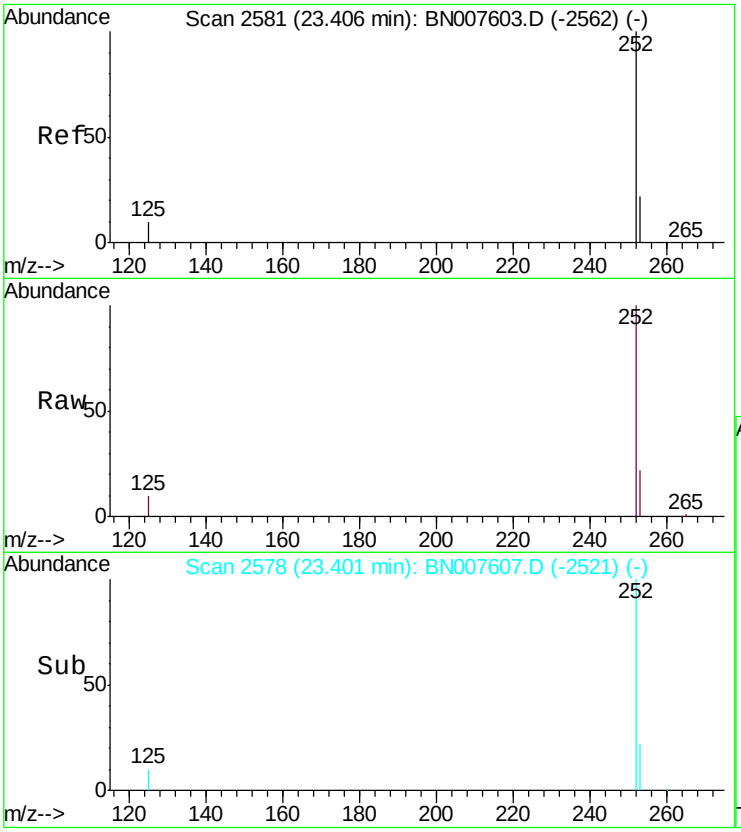


#36
Benzo(k)fluoranthene
Concen: 5.771 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:252 Resp: 670005

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	8.9	8.9	13.3



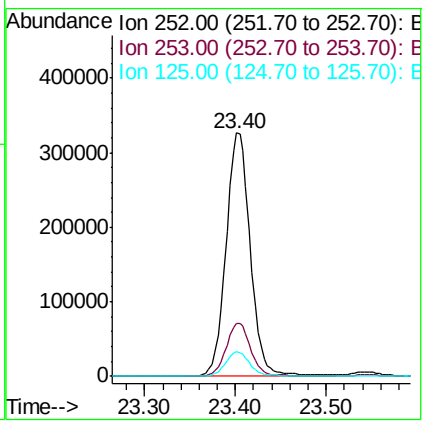


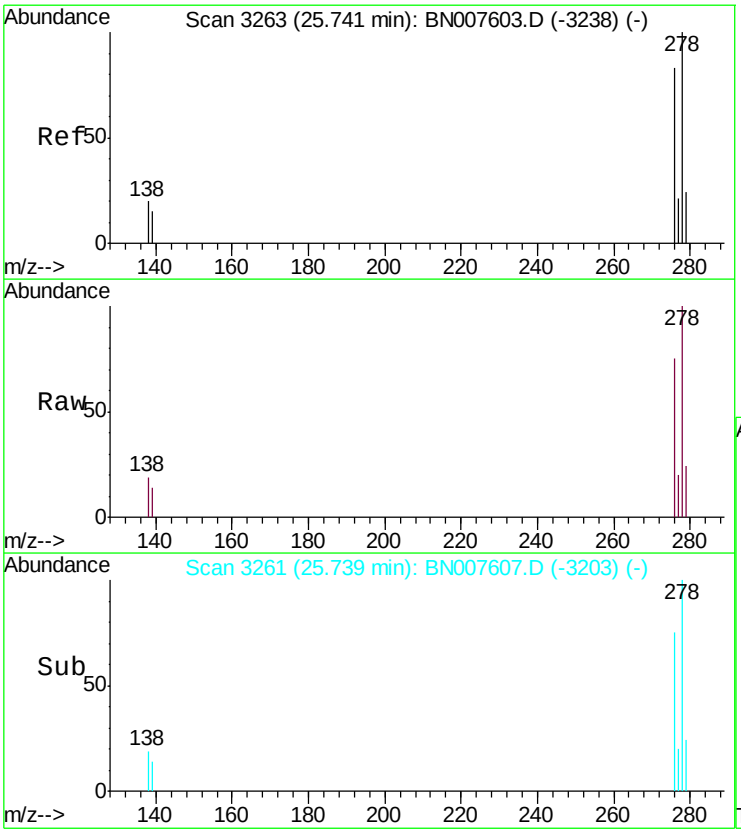
#37
Benzo(a)pyrene
Concen: 5.752 ng
RT: 23.40 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 600823

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	9.9	8.9	13.3

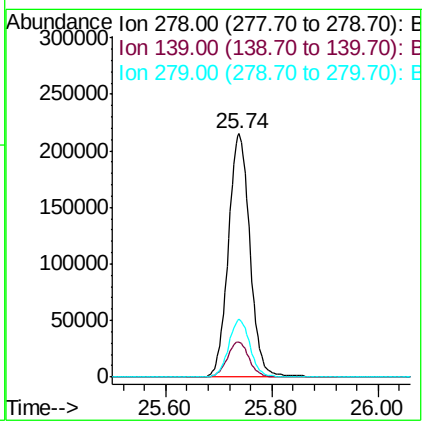


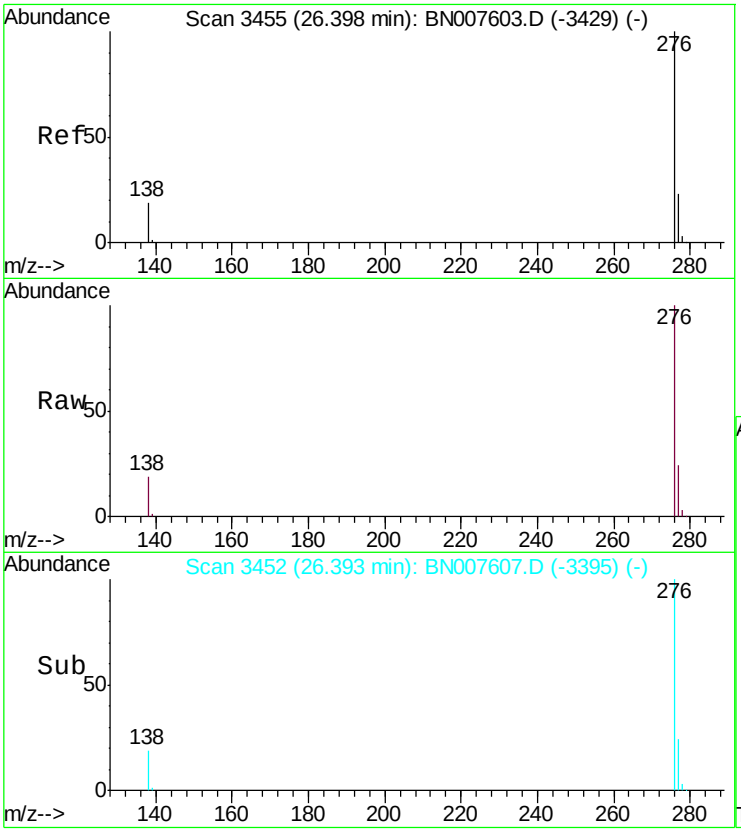


#38
Dibenzo(a,h)anthracene
Concen: 5.781 ng
RT: 25.74 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:278 Resp: 606356

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	18.8
279	23.7	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 5.663 ng
RT: 26.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 601482

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	19.4	15.8	23.6