Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007262.D
Acq On : 20 Aug 2019 13:08
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Aug 20 18:02:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4741	0.40	ng		0.00
7) Naphthalene-d8	10.17	136	17255	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	9681	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	22843	0.40	ng		0.00
27) Chrysene-d12	21.03	240	22754	0.40	ng		0.00
34) Perylene-d12	23.14	264	24959	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3609	0.34	ng		0.00
5) Phenol-d6	6.60	99	5154	0.36	ng		0.00
8) Nitrobenzene-d5	8.55	82	3111	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	5715	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1198	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.71	172	157	0.00	ng		0.04
25) Fluoranthene-d10	18.85	212	13801	0.20	ng		0.00
29) Terphenyl-d14	19.47	244	11430	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	1582	0.203	ng		89
3) n-Nitrosodimethylamine	3.33	42	779	0.129	ng	#	95
6) bis(2-Chloroethyl)ether	6.85	93	2798	0.173	ng		99
9) Naphthalene	10.22	128	9449	0.204	ng		98
10) Hexachlorobutadiene	10.52	225	2112	0.211	ng	#	97
12) 2-Methylnaphthalene	11.84	142	6463	0.219	ng		98
16) Acenaphthylene	13.77	152	9293	0.203	ng		100
17) Acenaphthene	14.12	154	6184	0.201	ng		97
18) Fluorene	15.11	166	8102	0.213	ng		99
20) 4-Bromophenyl-phenylether	16.02	248	2889	0.224	ng		97
21) Hexachlorobenzene	16.12	284	2933	0.174	ng		98
22) Pentachlorophenol	16.47	266	1106	0.498	ng		95
23) Phenanthrene	16.85	178	13685	0.216	ng		100
24) Anthracene	16.94	178	11820	0.215	ng		99
26) Fluoranthene	18.88	202	16481	0.207	ng		100
28) Pyrene	19.25	202	16809	0.213	ng		100
30) Benzo(a)anthracene	21.01	228	15876	0.226	ng		98
31) Chrysene	21.07	228	16899	0.215	ng		97
32) Bis(2-ethylhexyl)phthalate	20.98	149	6529	0.200	ng		99
33) Indeno(1,2,3-cd)pyrene	25.21	276	20700	0.215	ng		100
35) Benzo(b)fluoranthene	22.52	252	17040	0.217	ng	#	95
36) Benzo(k)fluoranthene	22.56	252	16920	0.192	ng	#	95
37) Benzo(a)pyrene	23.05	252	15668	0.206	ng	#	94
38) Dibenzo(a,h)anthracene	25.23	278	16987	0.222	ng		95
39) Benzo(g,h,i)perylene	25.84	276	17006	0.212	ng		98

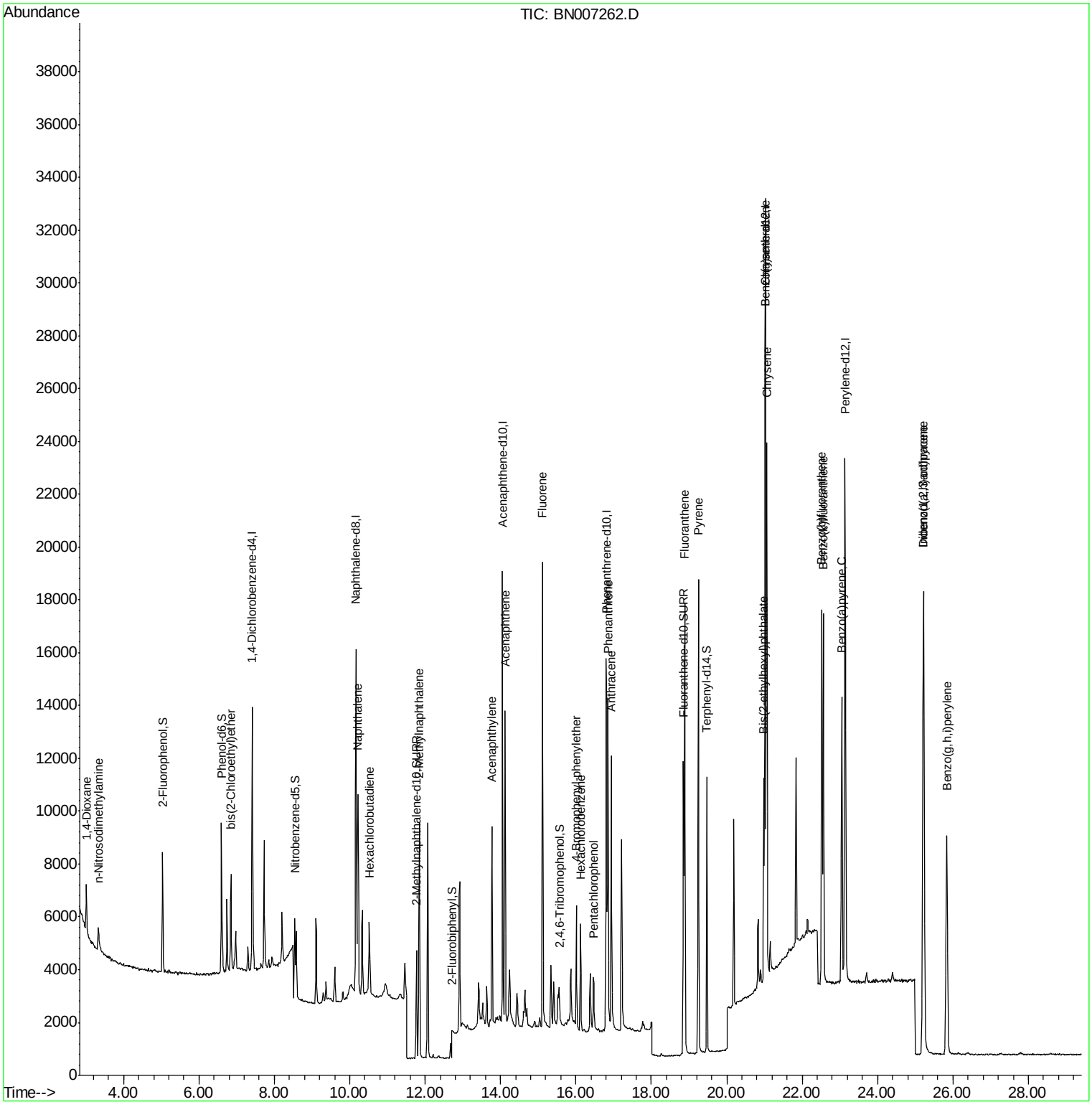
(#) = qualifier out of range (m) = manual integration (+) = signals summed

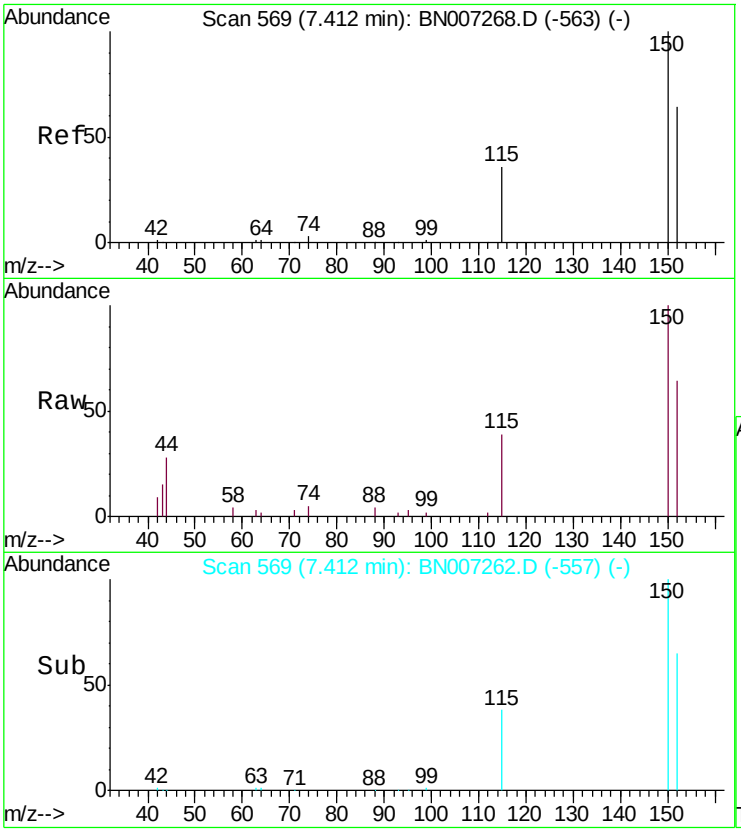
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007262.D
Acq On : 20 Aug 2019 13:08
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 20 18:02:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration



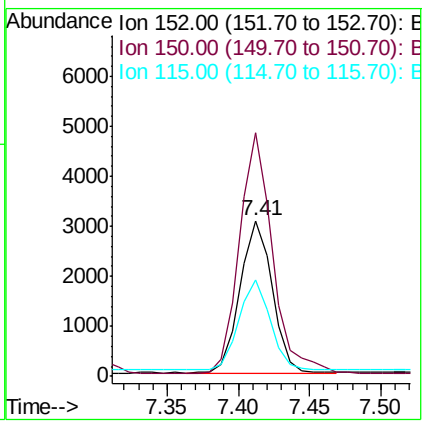


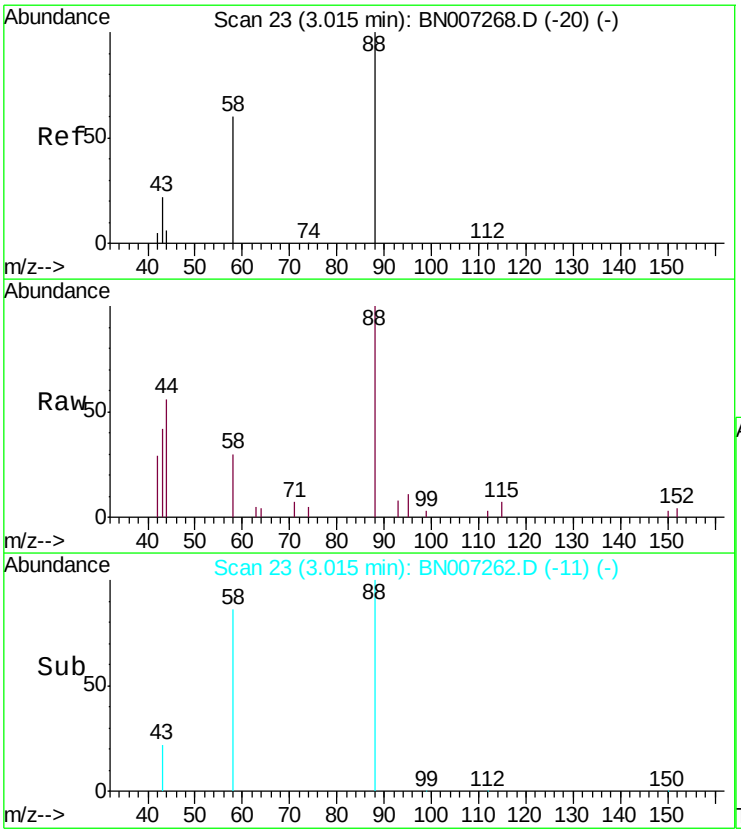
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4741

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.8
115	61.8	47.3	70.9

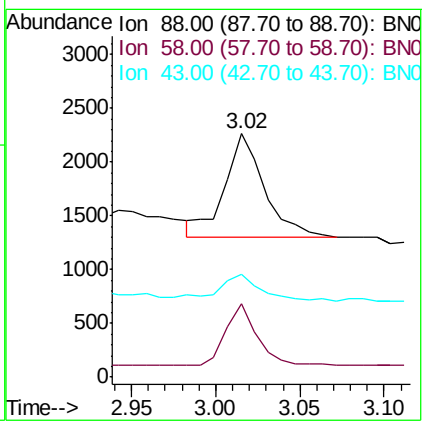


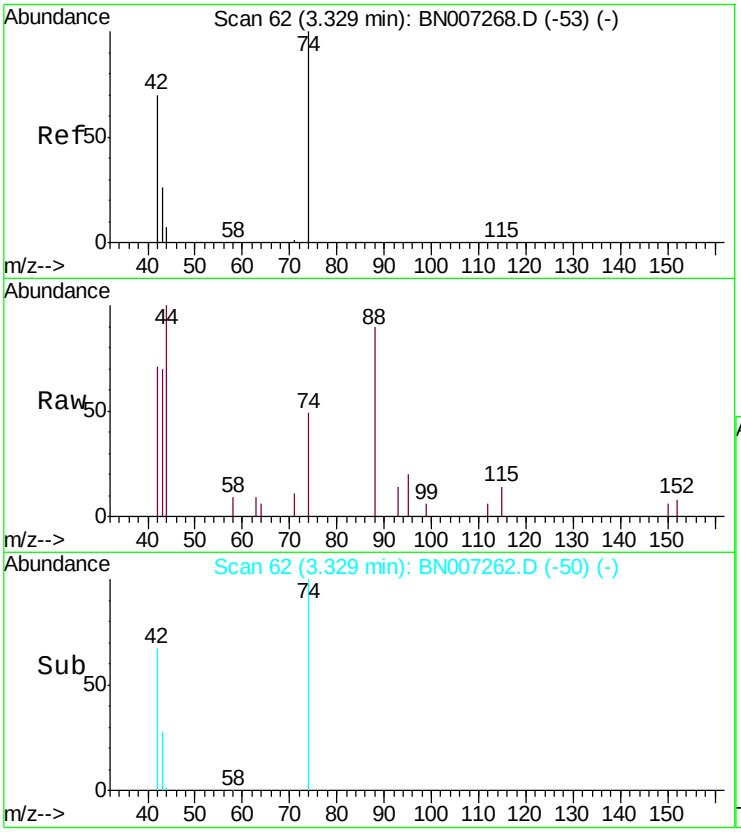


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.02 min Scan# 23
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion: 88 Resp: 1582

Ion	Ratio	Lower	Upper
88	100		
58	47.2	45.5	68.3
43	28.2	20.4	30.6



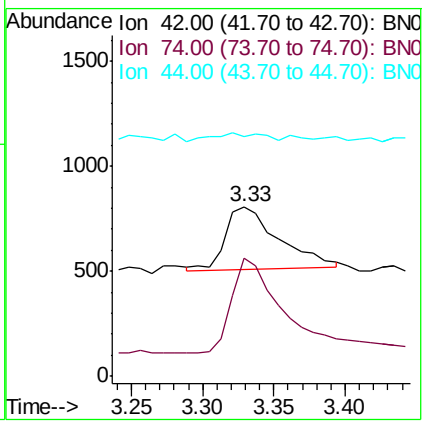


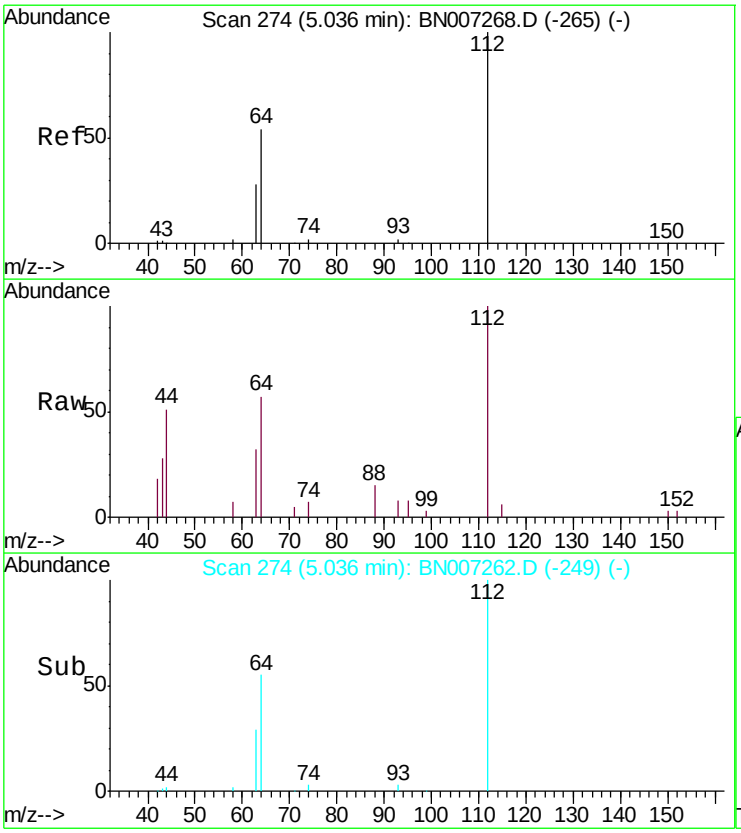
#3
n-Nitrosodimethylamine
Concen: 0.129 ng
RT: 3.33 min Scan# 62
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 779

Ion	Ratio	Lower	Upper
42	100		
74	142.0	109.0	163.4
44	11.9	4.2	6.2#

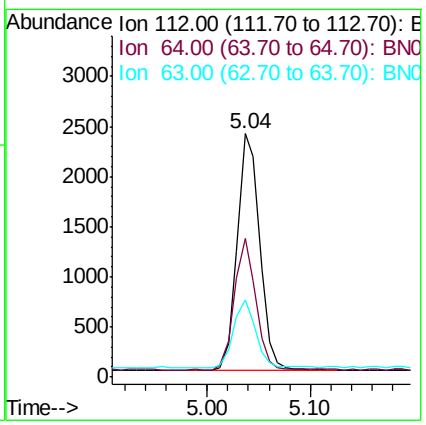


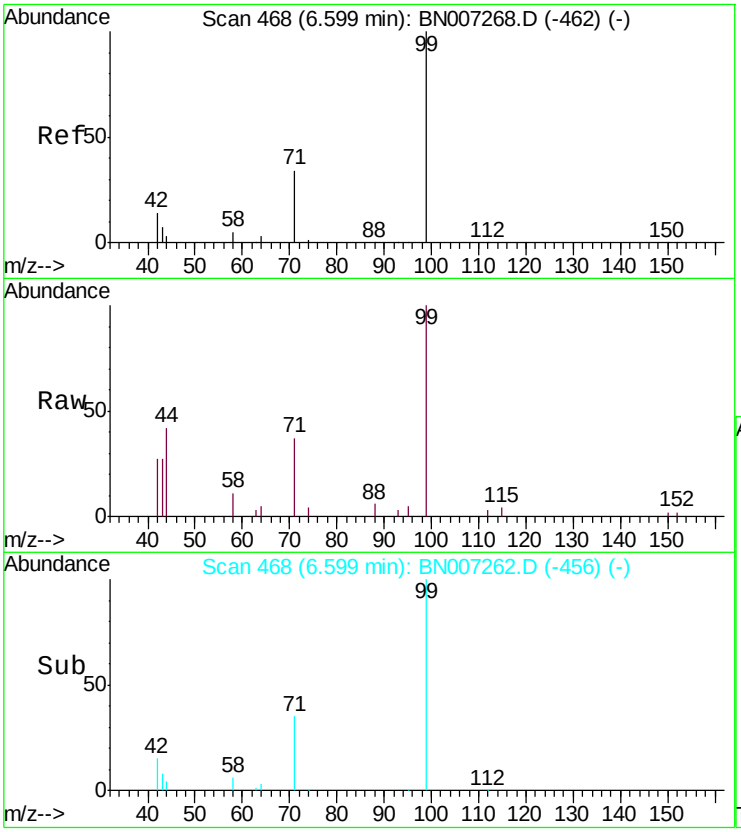


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:112 Resp: 3609

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.8	62.8
63	28.4	22.6	34.0



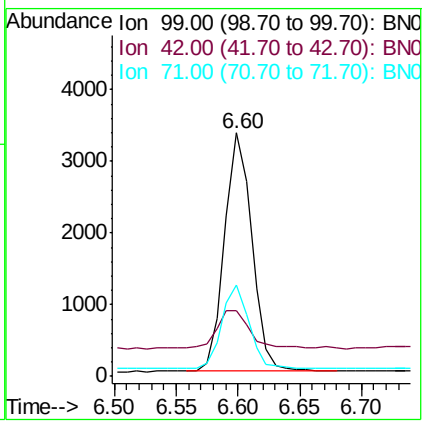


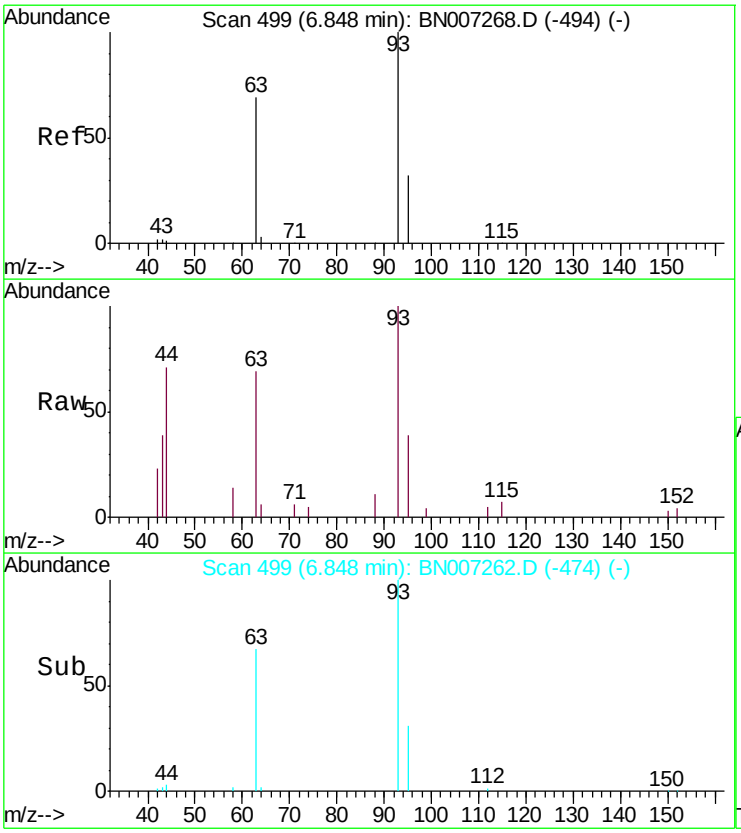
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 5154

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.3	21.5
71	34.5	27.3	40.9

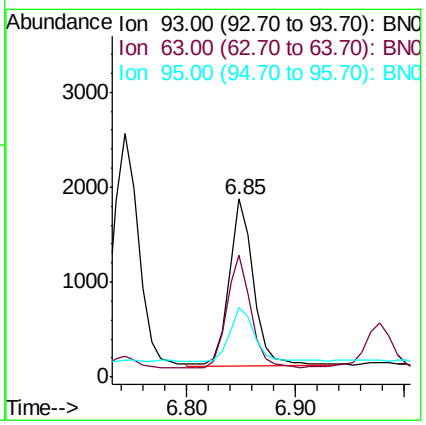


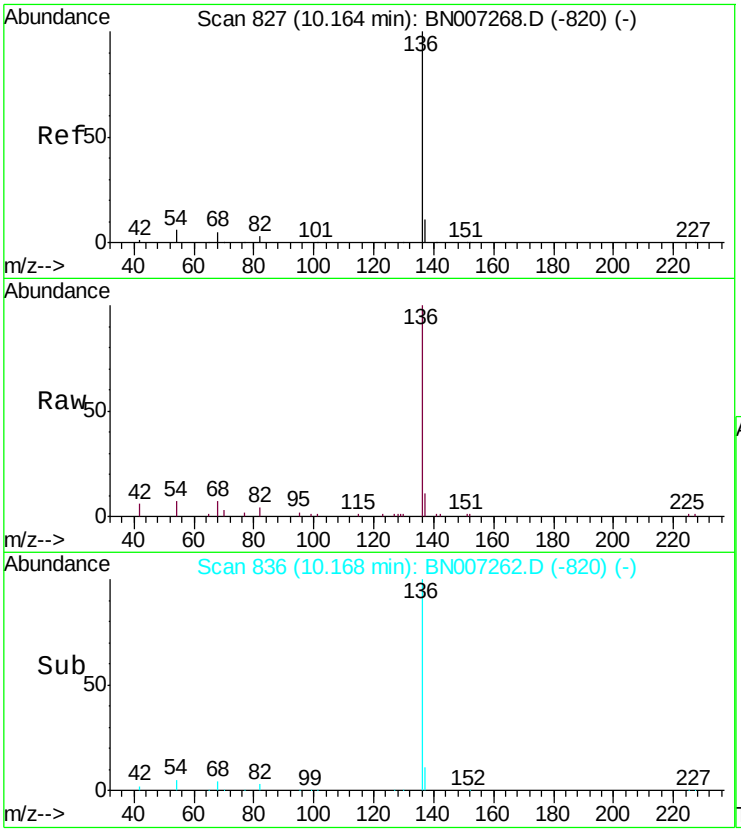


#6
bis(2-Chloroethyl)ether
Concen: 0.173 ng
RT: 6.85 min Scan# 499
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion: 93 Resp: 2798

Ion	Ratio	Lower	Upper
93	100		
63	66.6	54.4	81.6
95	31.9	25.5	38.3



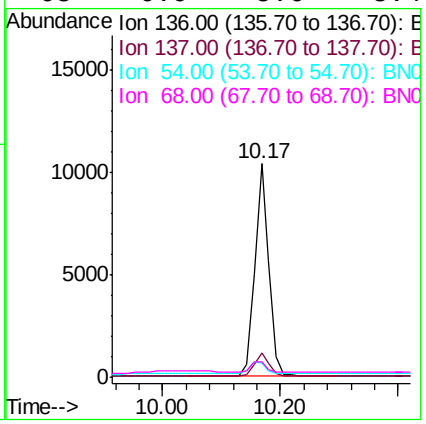


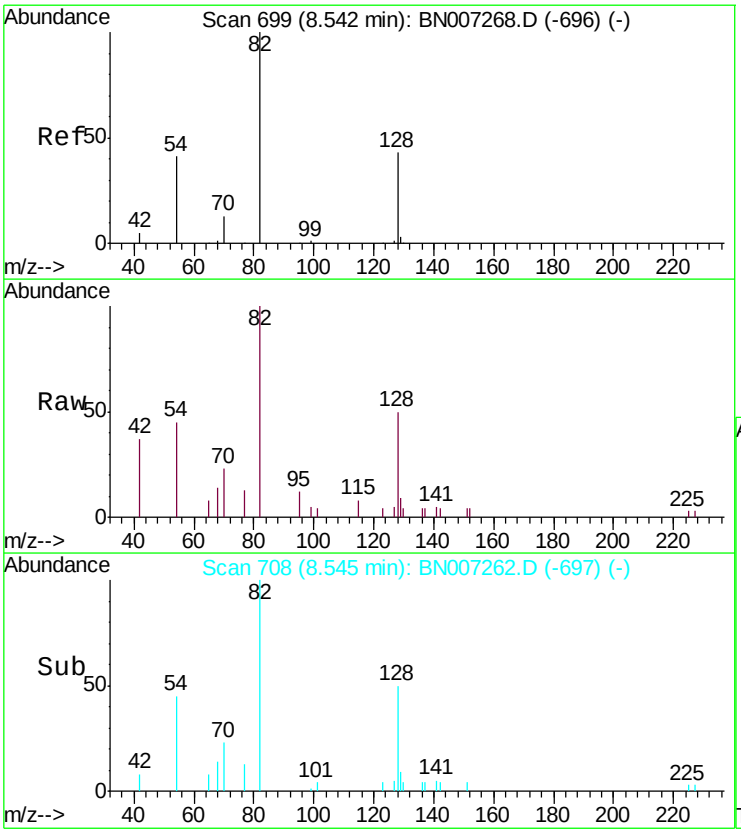
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 17255

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.6	5.9	8.9
68	6.9	5.6	8.4

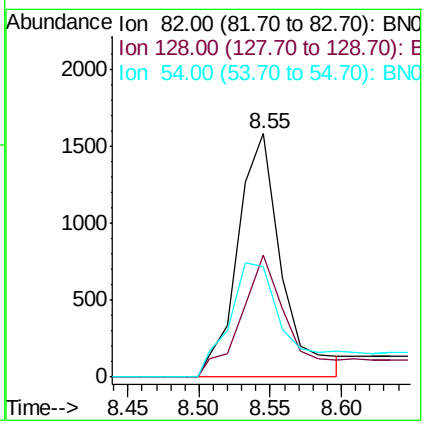


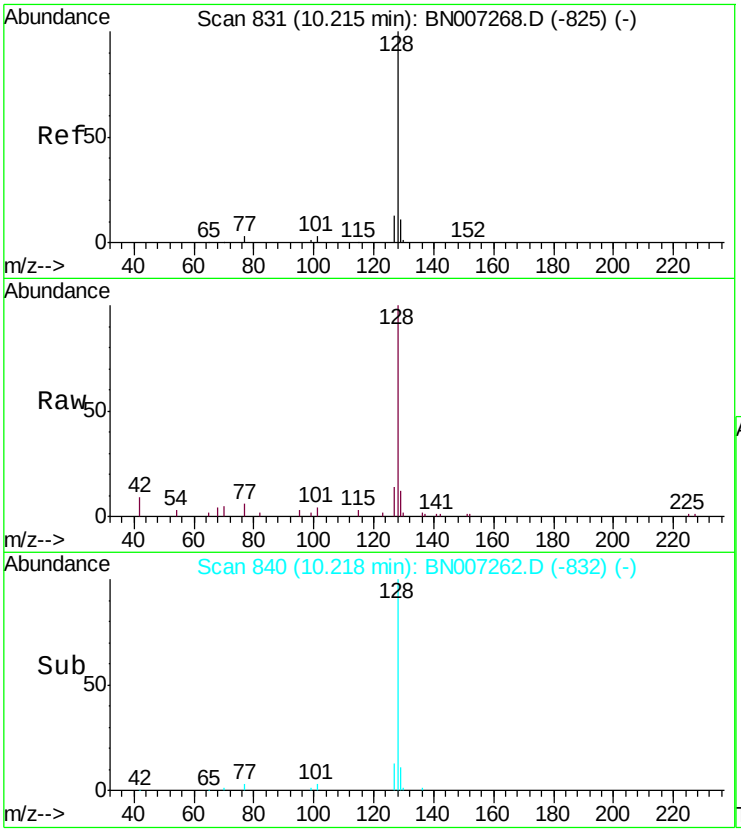


#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.55 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion: 82 Resp: 3111

Ion	Ratio	Lower	Upper
82	100		
128	50.3	35.8	53.6
54	45.4	34.7	52.1



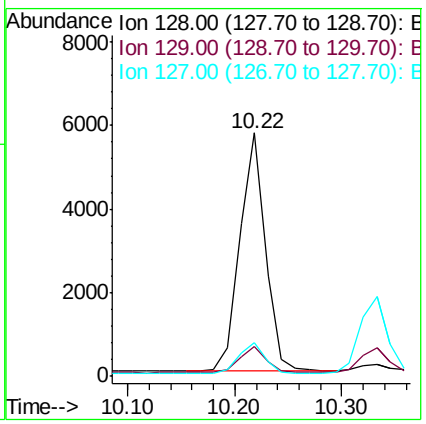


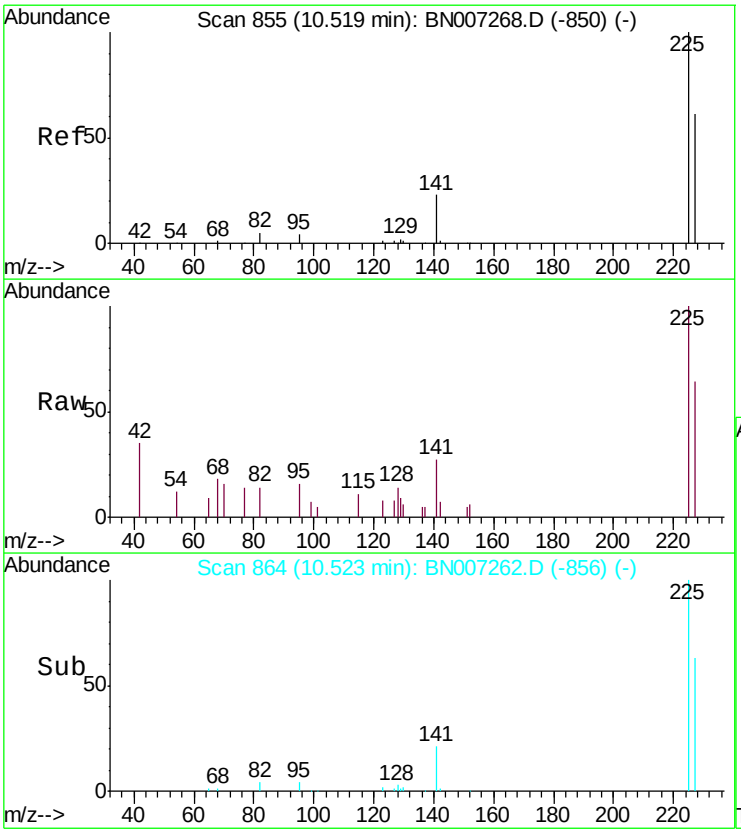
#9
Naphthalene
Concen: 0.204 ng
RT: 10.22 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 9449

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.0	10.6	16.0

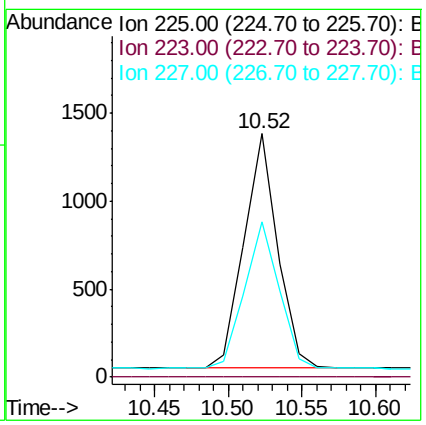


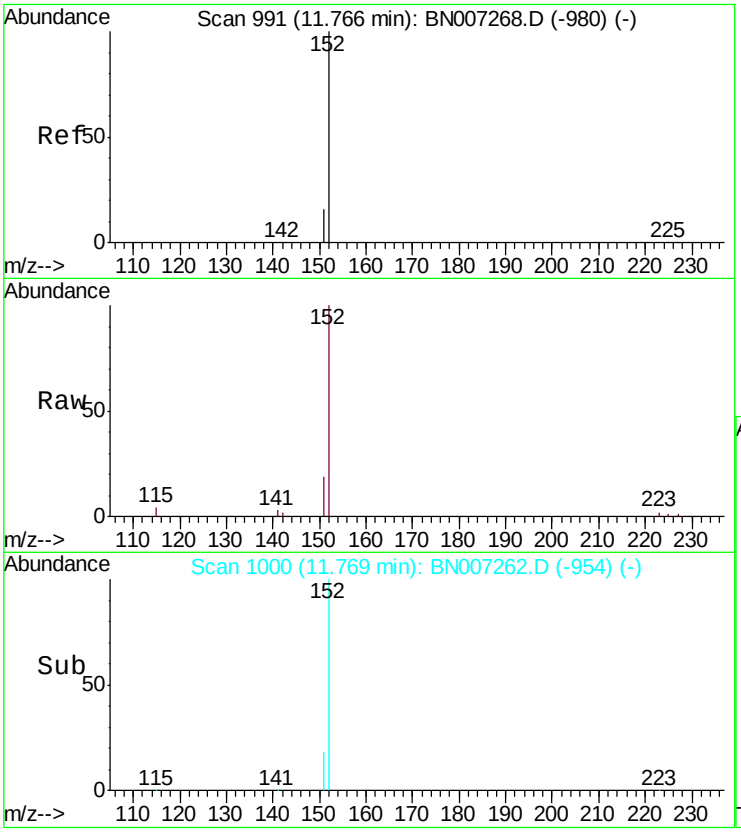


#10
Hexachlorobutadiene
Concen: 0.211 ng
RT: 10.52 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:225 Resp: 2112

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.2	75.2



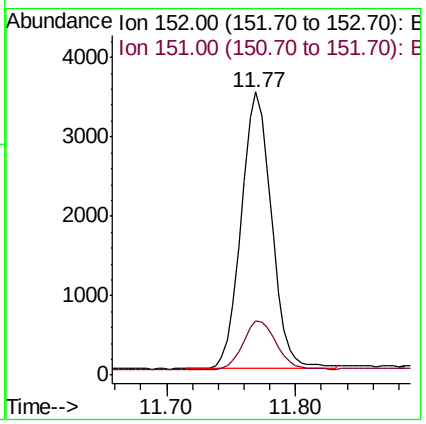


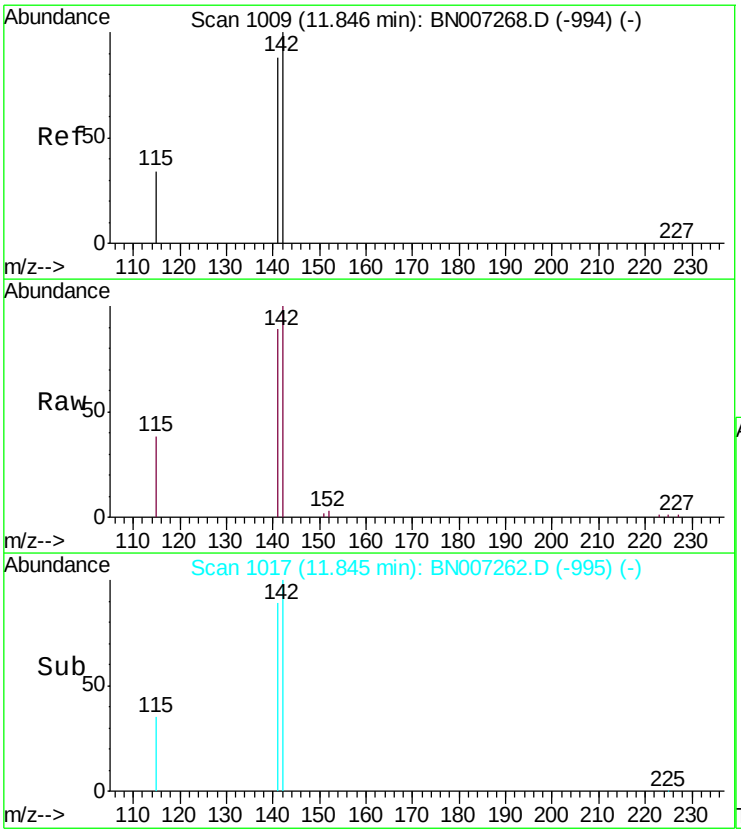
#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 11.77 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5715

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8

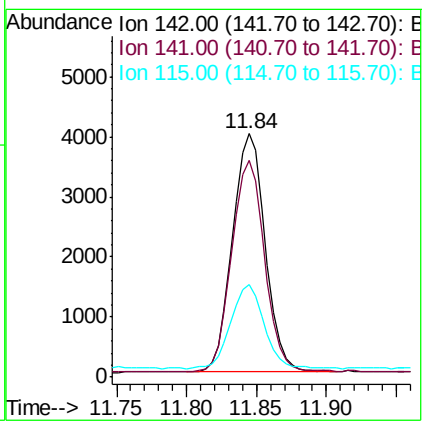


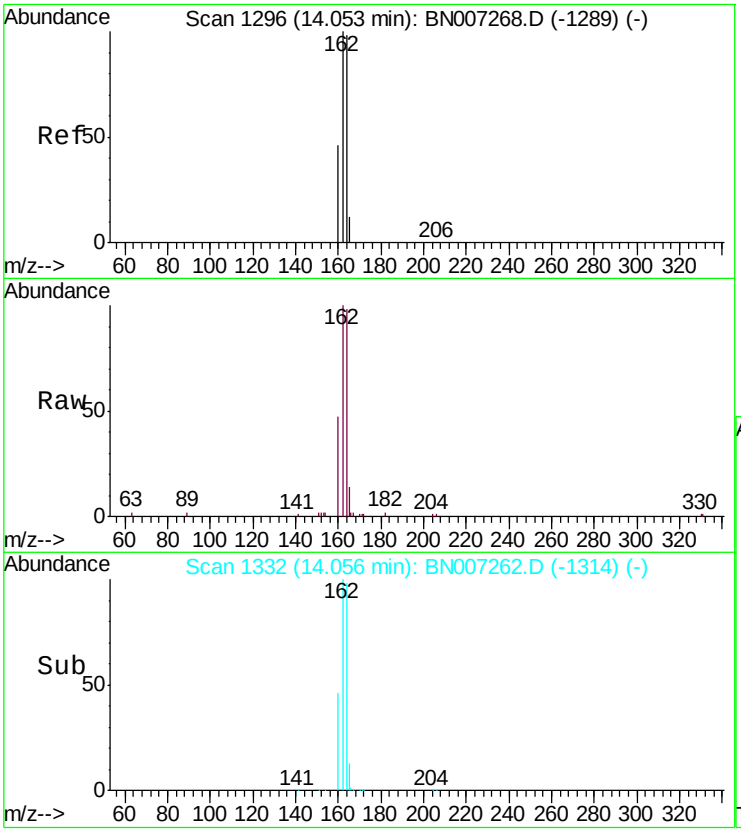


#12
2-Methylnaphthalene
Concen: 0.219 ng
RT: 11.84 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:142 Resp: 6463

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	37.9	28.1	42.1



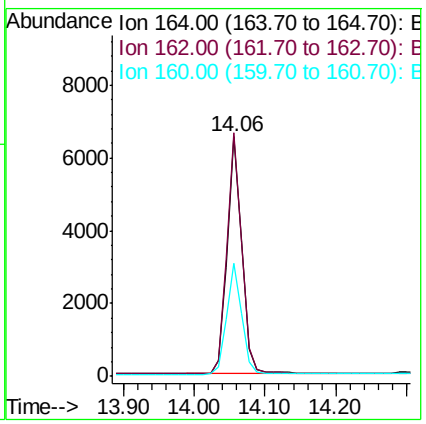


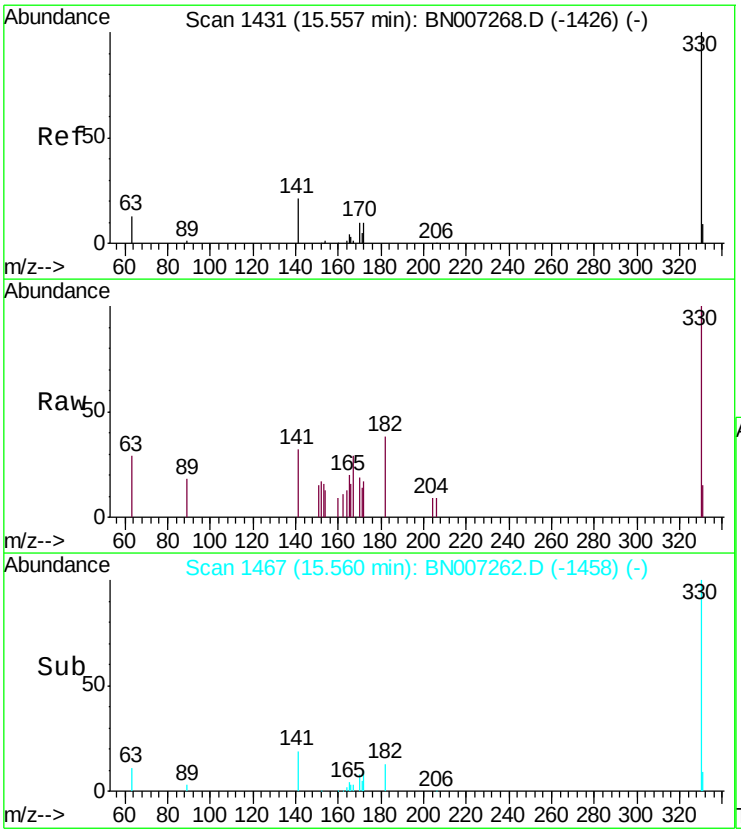
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9681

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.0	123.0
160	47.4	38.2	57.4

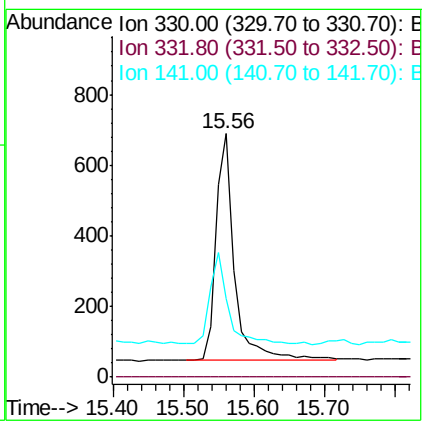


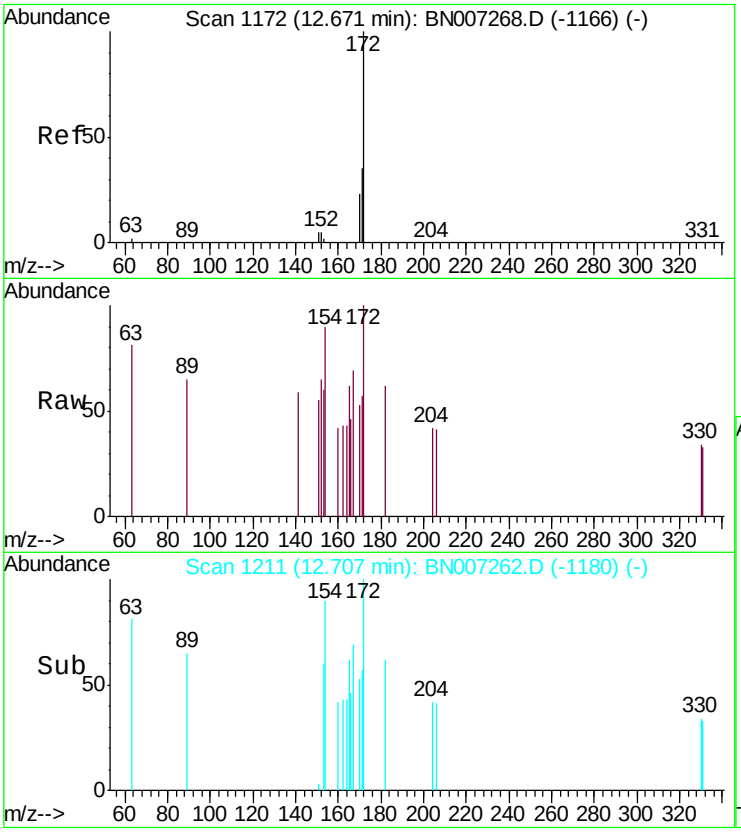


#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.56 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:330 Resp: 1198

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.5	30.3	45.5



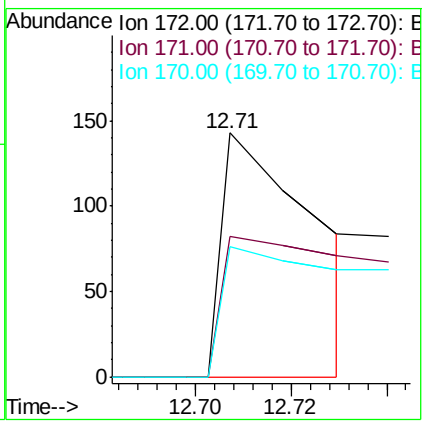


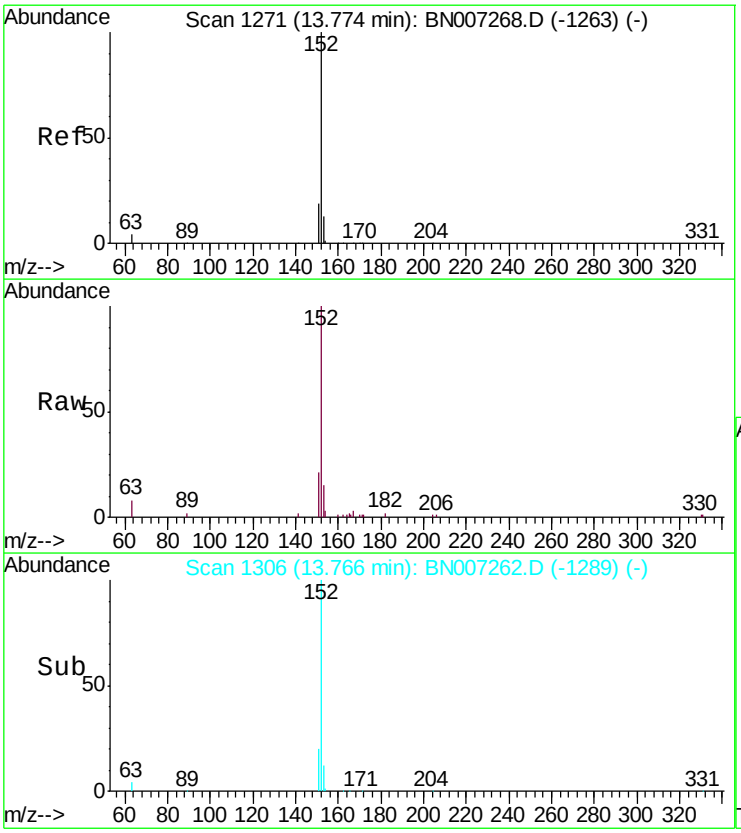
#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.71 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 157

Ion	Ratio	Lower	Upper
172	100		
171	57.3	28.6	43.0#
170	53.1	18.7	28.1#

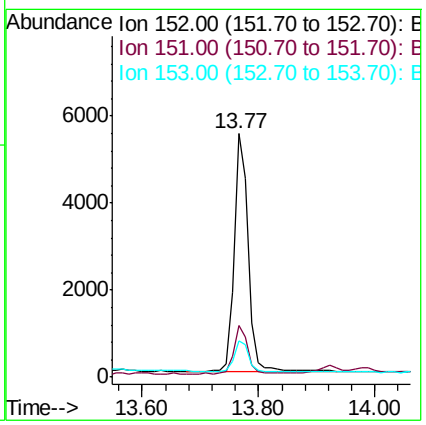


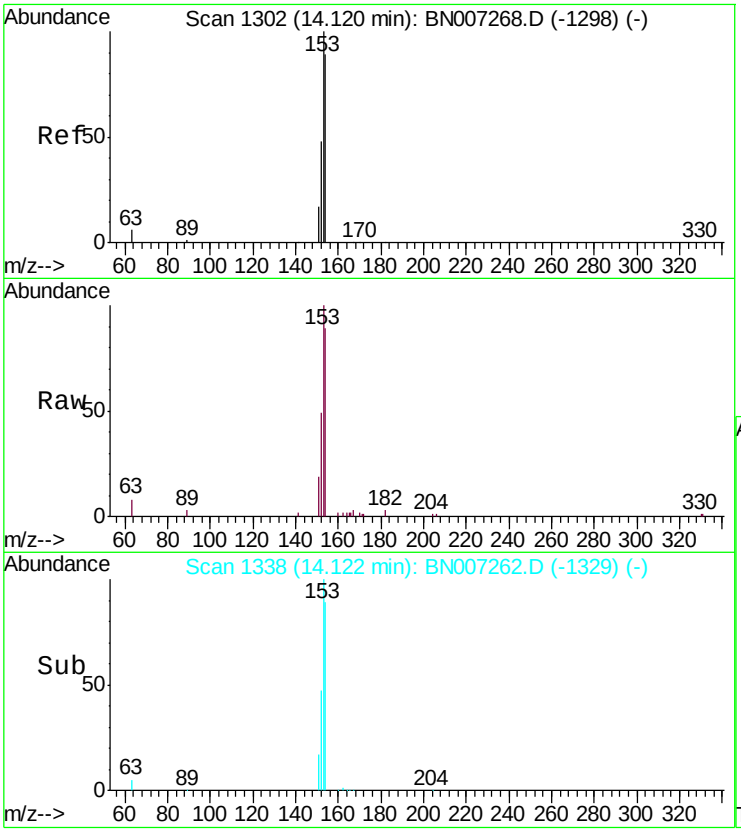


#16
Acenaphthylene
Concen: 0.203 ng
RT: 13.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:152 Resp: 9293

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	12.6	10.1	15.1



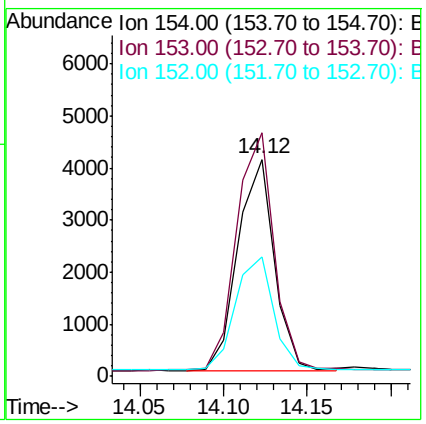


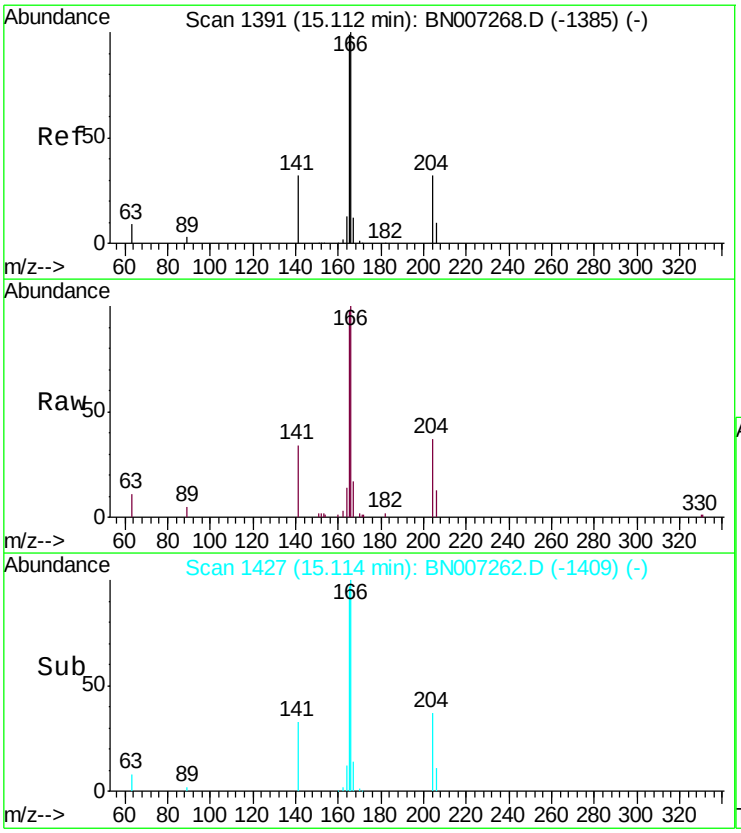
#17
Acenaphthene
Concen: 0.201 ng
RT: 14.12 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6184

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.9	134.9
152	56.4	43.9	65.9

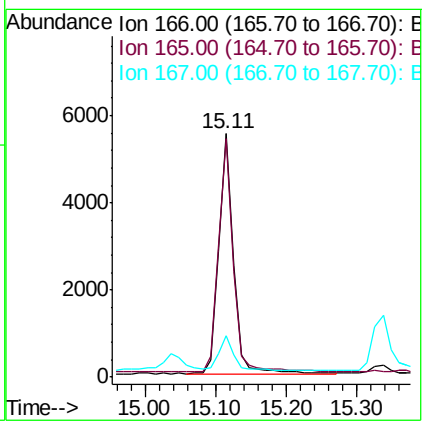


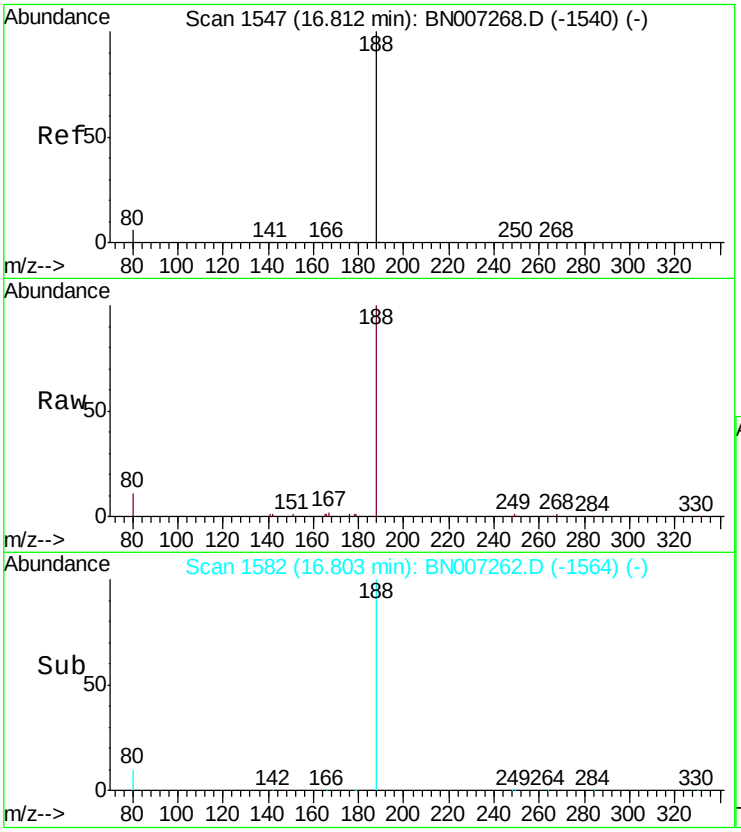


#18
Fluorene
Concen: 0.213 ng
RT: 15.11 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:166 Resp: 8102

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.3	117.5
167	15.2	11.1	16.7



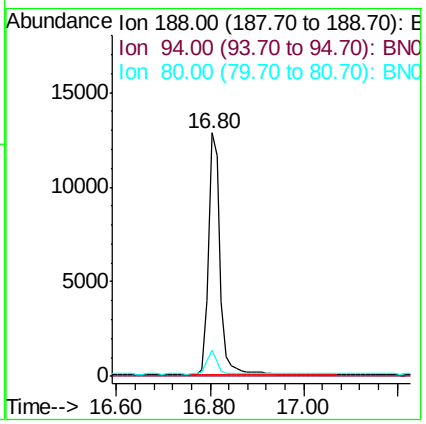


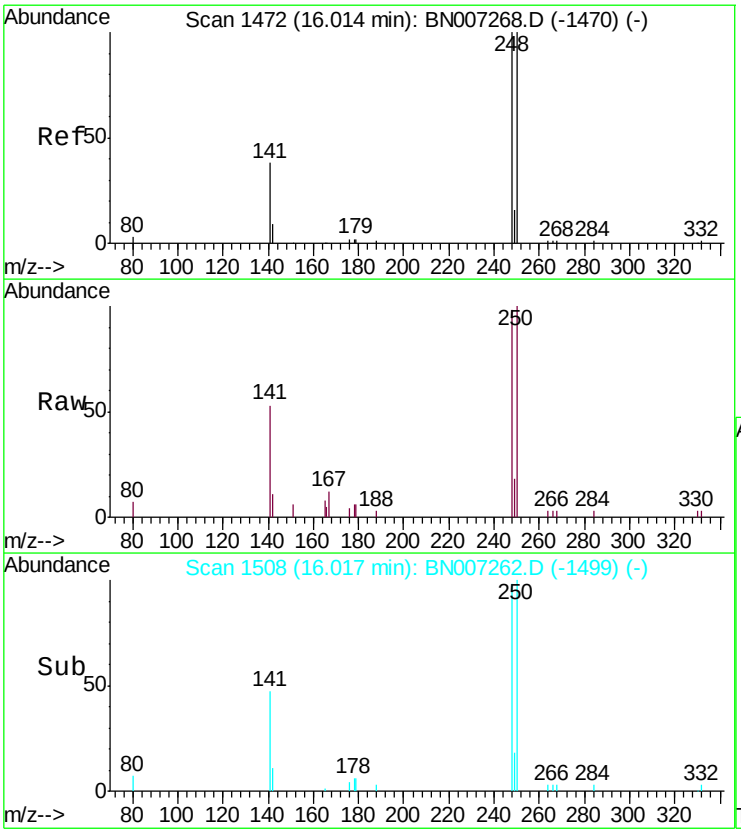
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 22843

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.2	7.8#

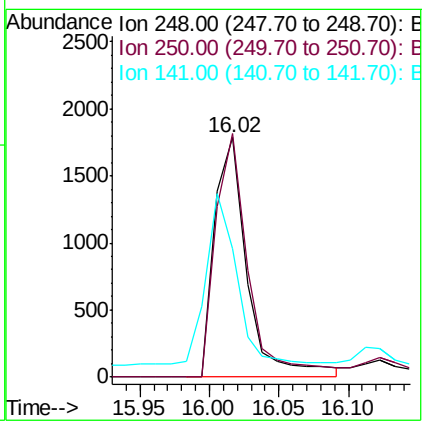


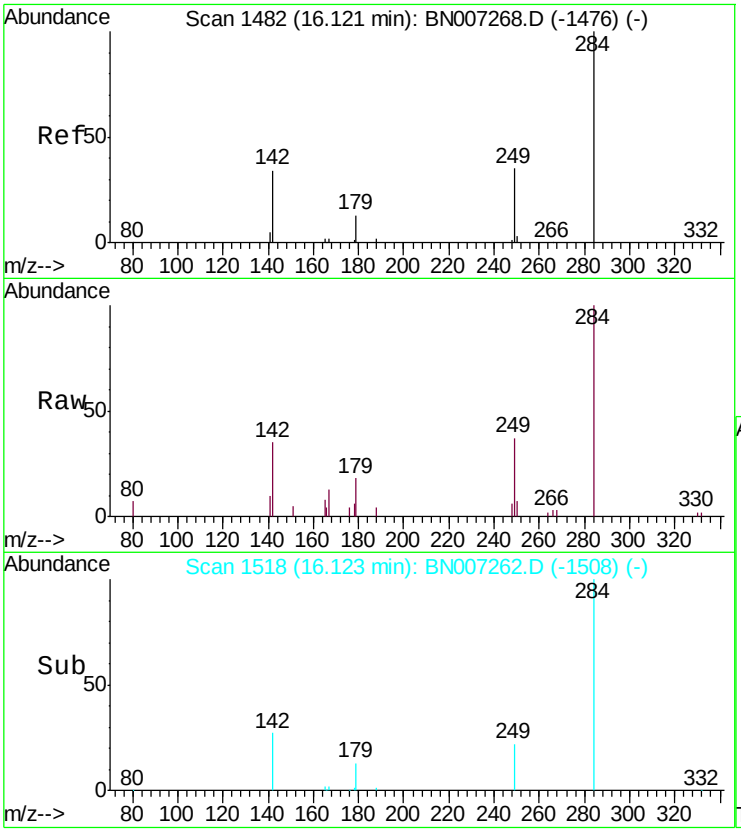


#20
4-Bromophenyl-phenylether
Concen: 0.224 ng
RT: 16.02 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:248 Resp: 2889

Ion	Ratio	Lower	Upper
248	100		
250	101.7	79.6	119.4
141	53.5	45.1	67.7



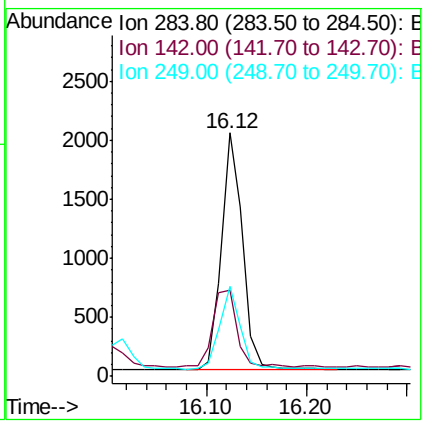


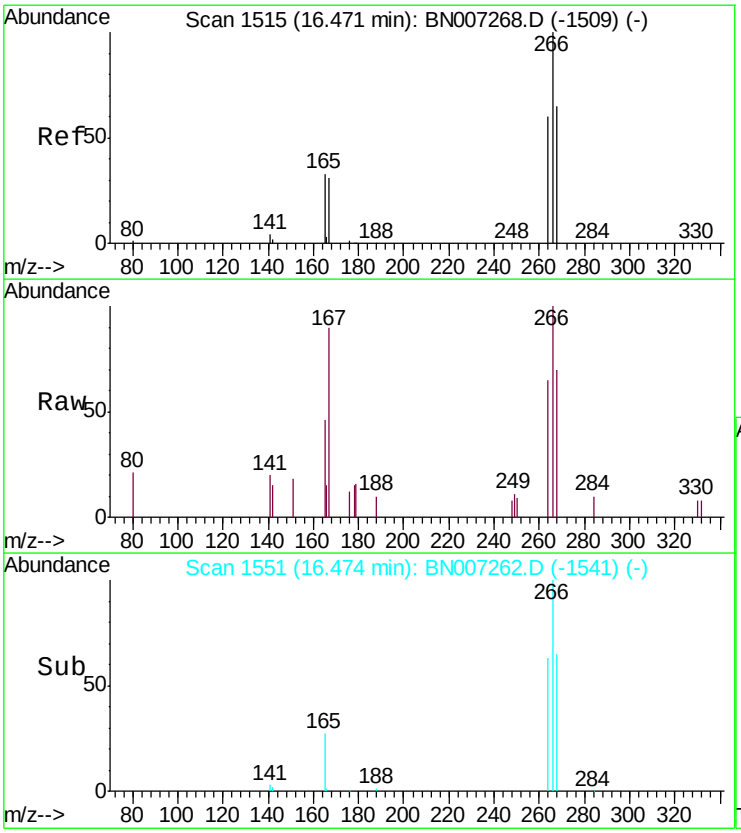
#21
Hexachlorobenzene
Concen: 0.174 ng
RT: 16.12 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2933

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.5	44.3
249	34.1	26.2	39.4

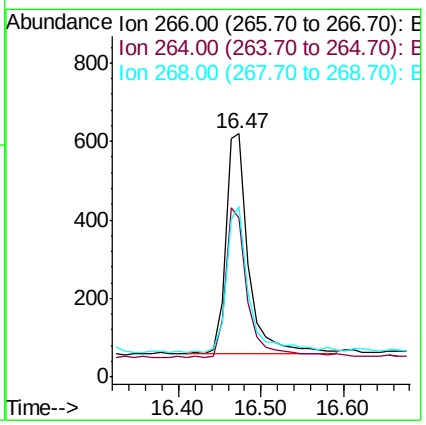


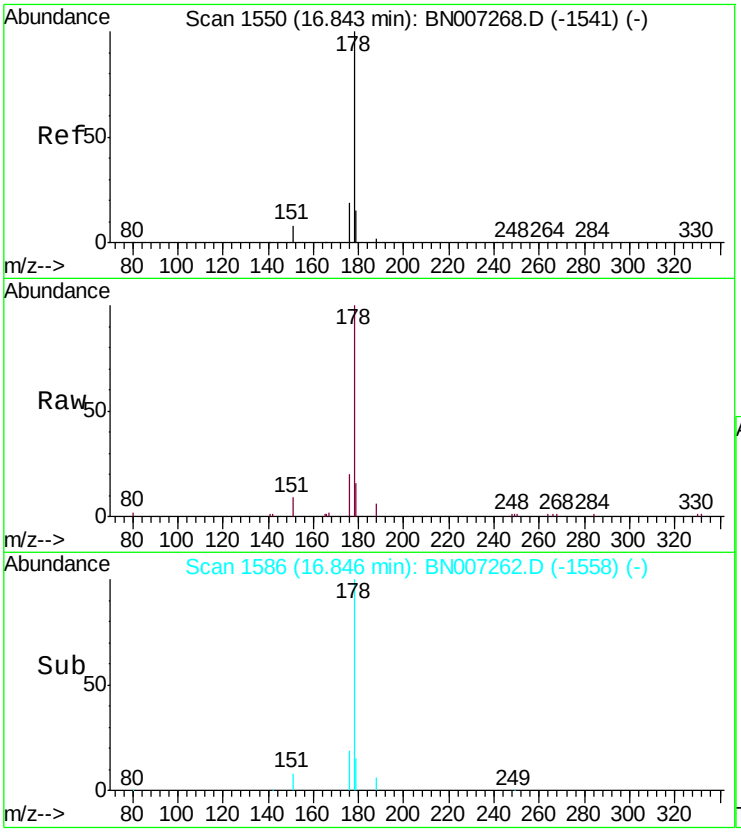


#22
Pentachlorophenol
Concen: 0.498 ng
RT: 16.47 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:266 Resp: 1106

Ion	Ratio	Lower	Upper
266	100		
264	65.2	48.7	73.1
268	70.0	53.5	80.3



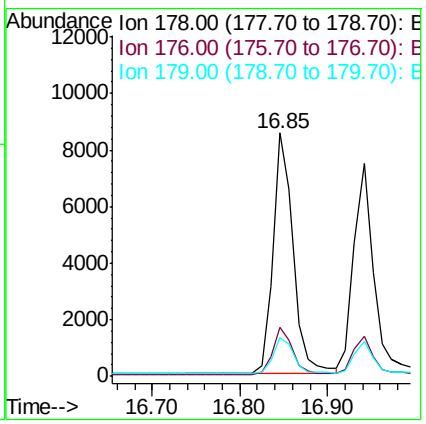


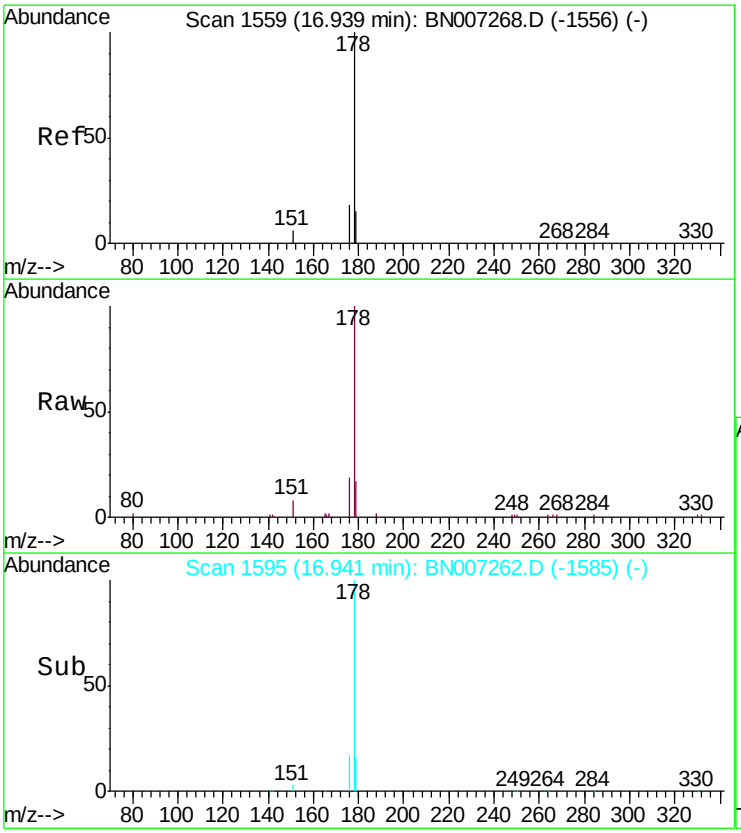
#23
Phenanthrene
Concen: 0.216 ng
RT: 16.85 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13685

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5

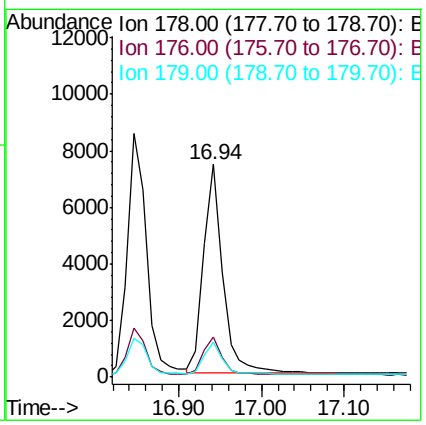


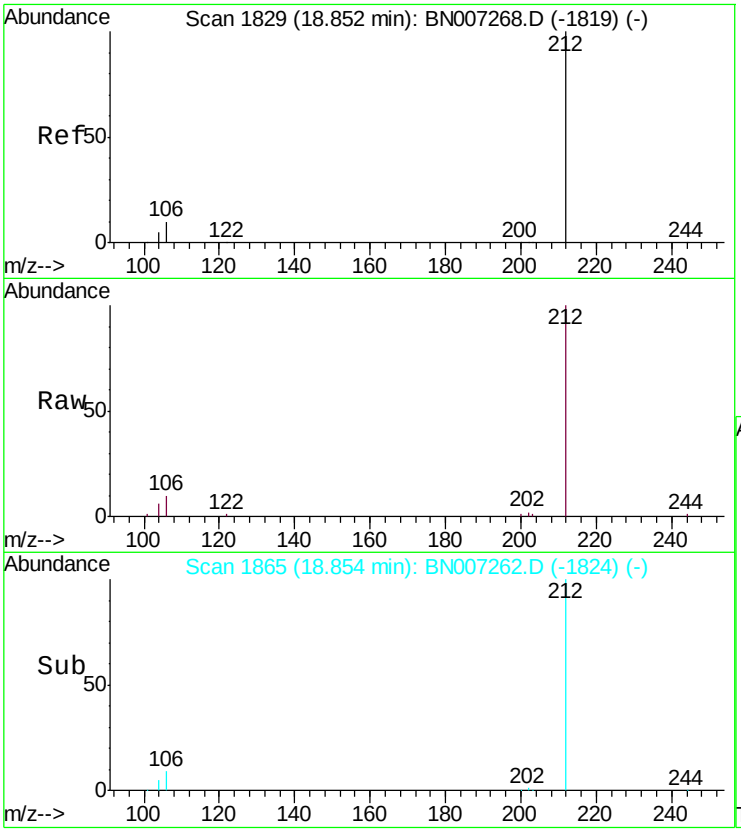


#24
Anthracene
Concen: 0.215 ng
RT: 16.94 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:178 Resp: 11820

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	14.8	12.3	18.5



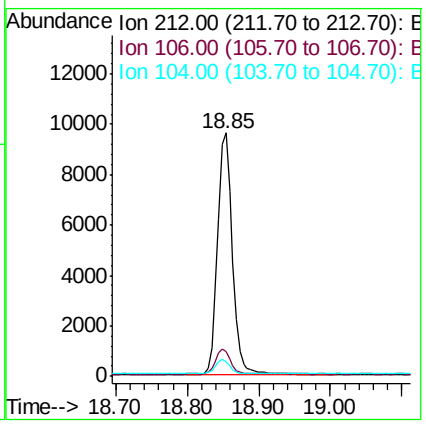


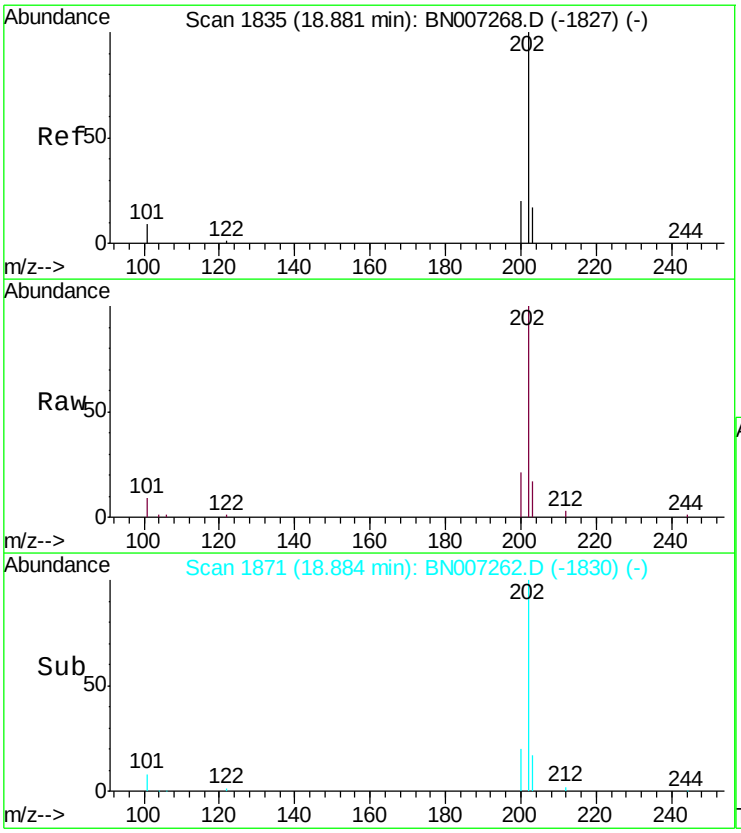
#25
Fluoranthene-d10
Concen: 0.200 ng
RT: 18.85 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 13801

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.4
104	5.8	4.7	7.1

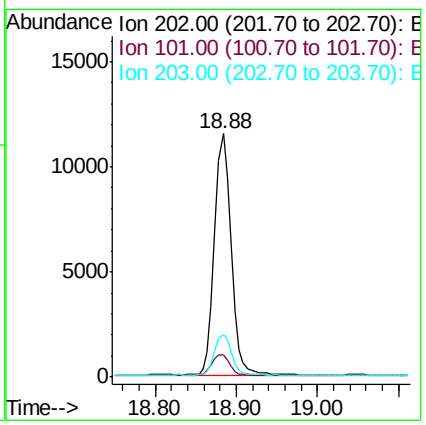


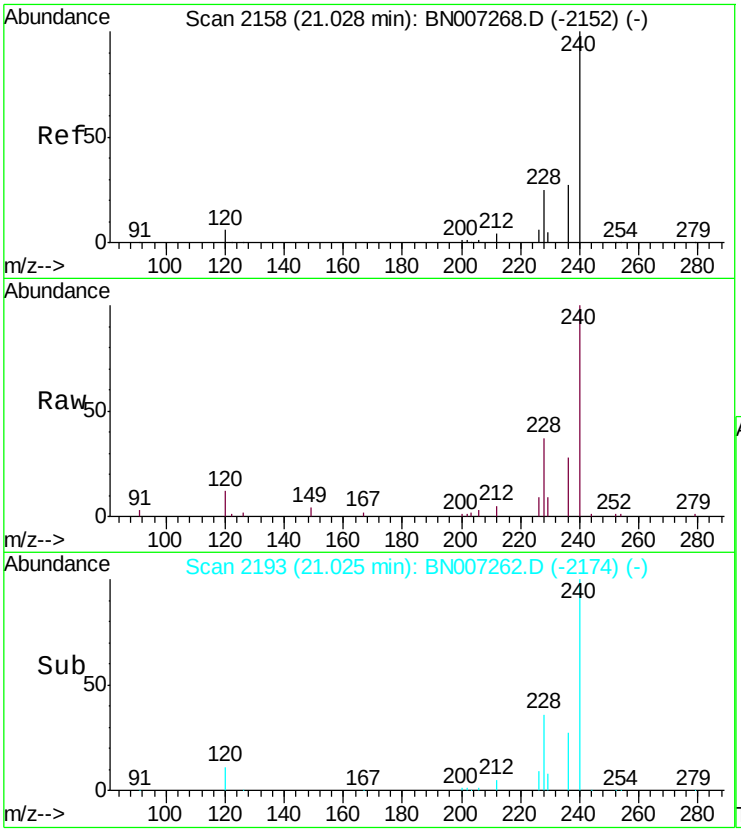


#26
Fluoranthene
Concen: 0.207 ng
RT: 18.88 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:202 Resp: 16481

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.2	10.8
203	17.0	13.8	20.6



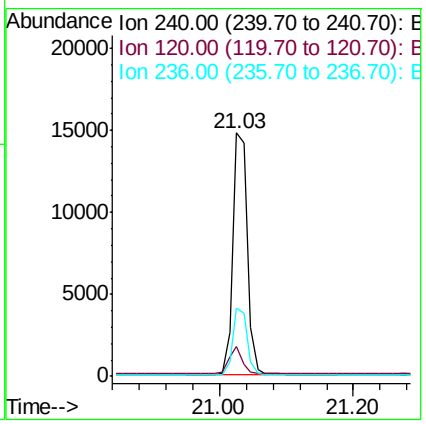


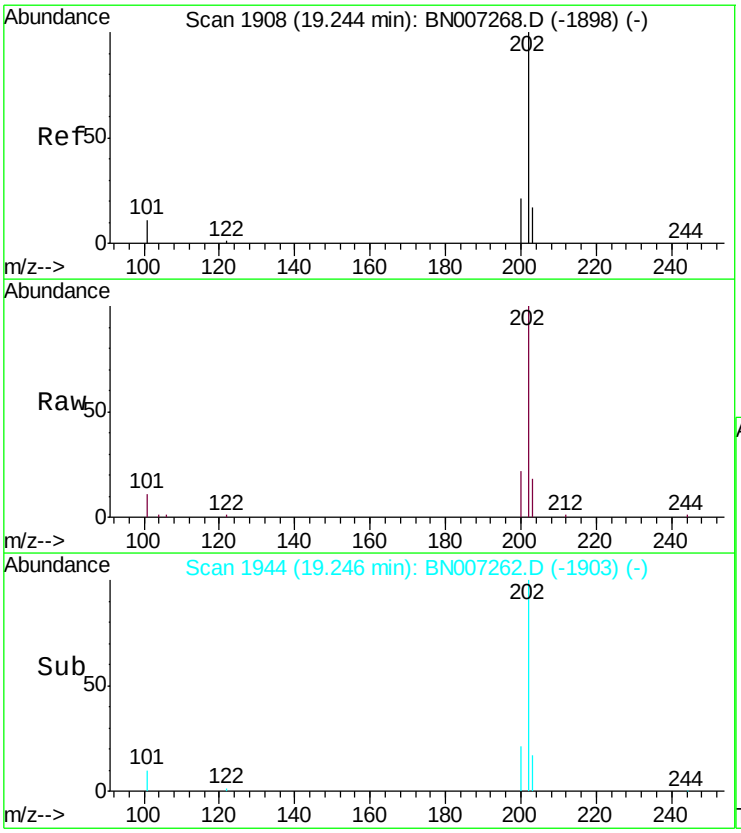
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 22754

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.6	8.4#
236	28.0	21.6	32.4

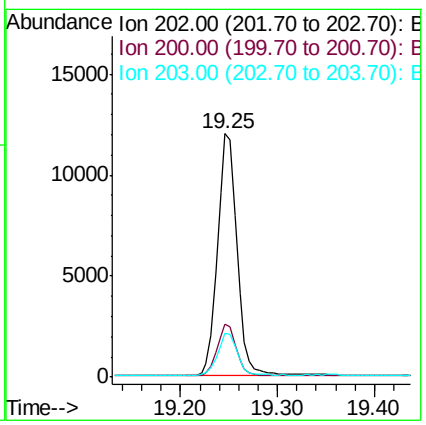


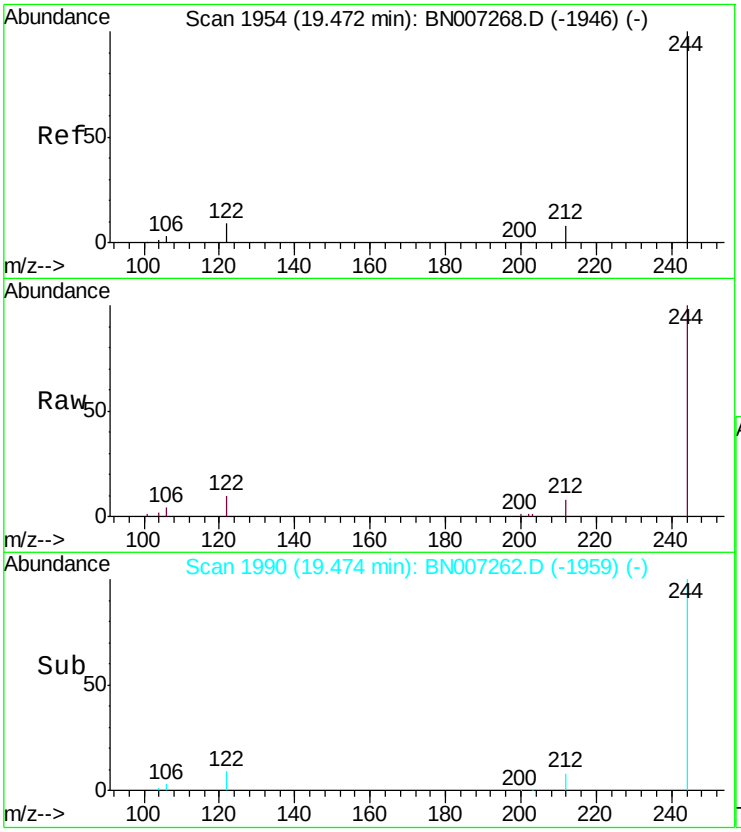


#28
Pyrene
Concen: 0.213 ng
RT: 19.25 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:202 Resp: 16809

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	13.9	20.9



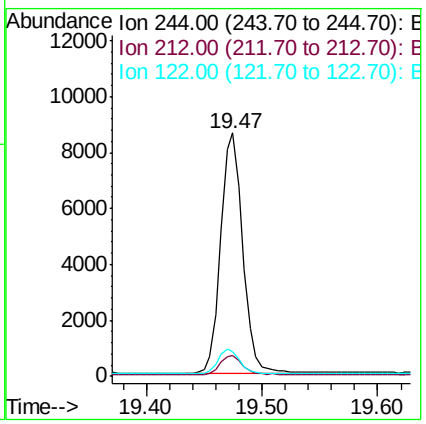


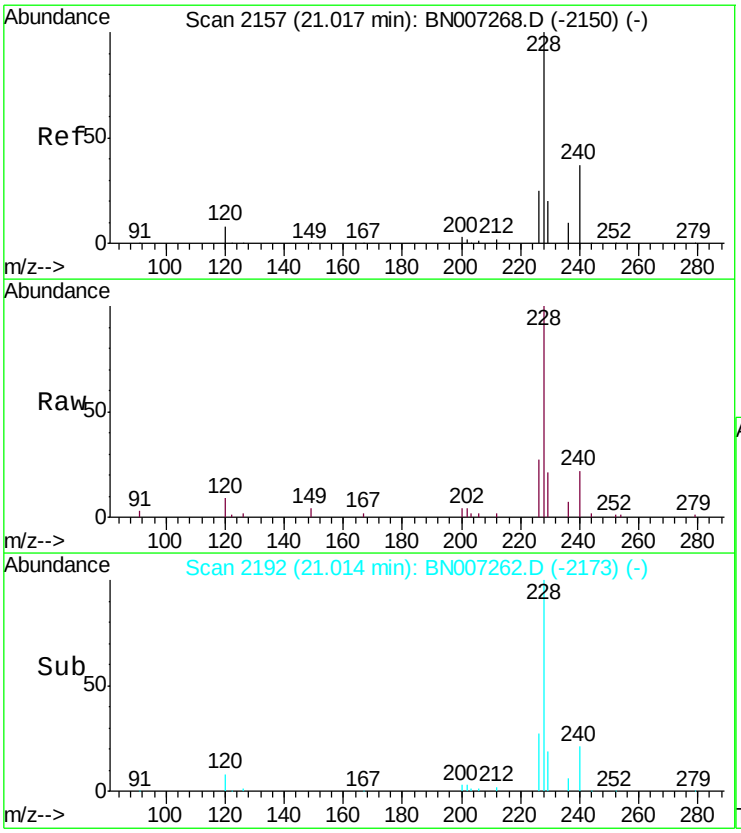
#29
Terphenyl-d14
Concen: 0.228 ng
RT: 19.47 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 11430

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.4	7.9	11.9

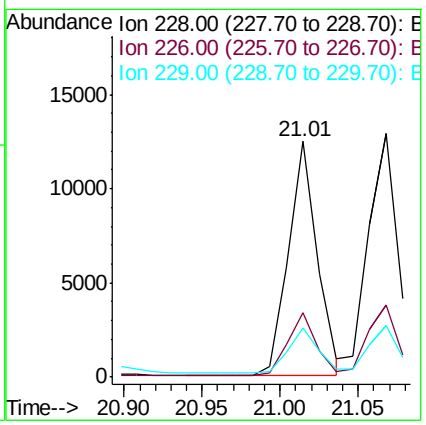


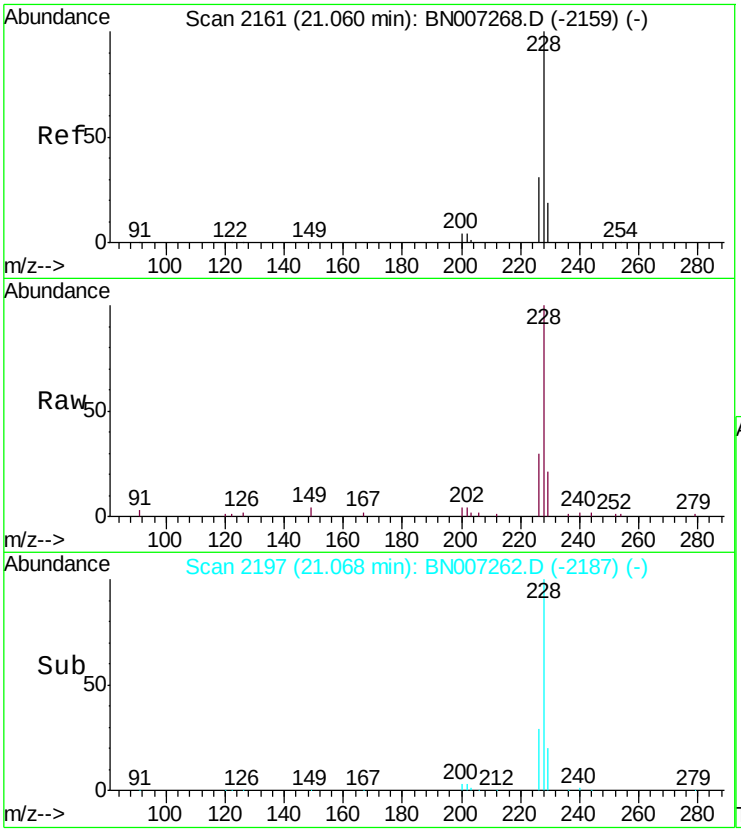


#30
Benzo(a)anthracene
Concen: 0.226 ng
RT: 21.01 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:228 Resp: 15876

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.6	30.8
229	21.0	16.9	25.3



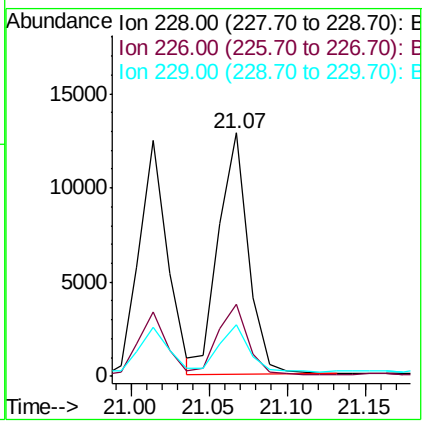


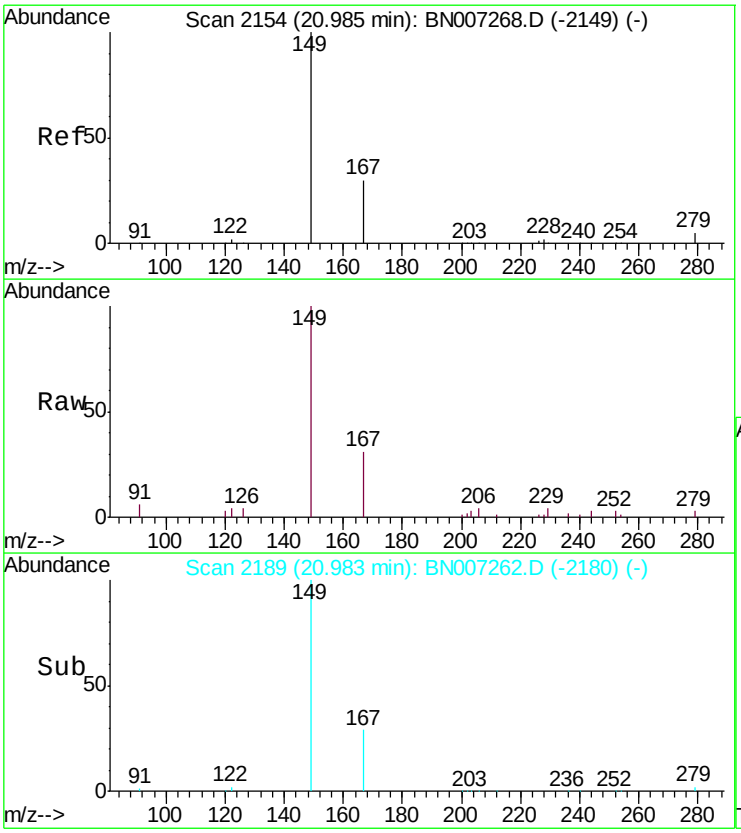
#31
Chrysene
Concen: 0.215 ng
RT: 21.07 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16899

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	36.8
229	21.4	15.6	23.4

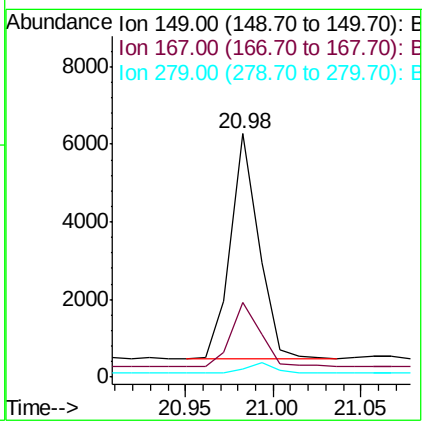


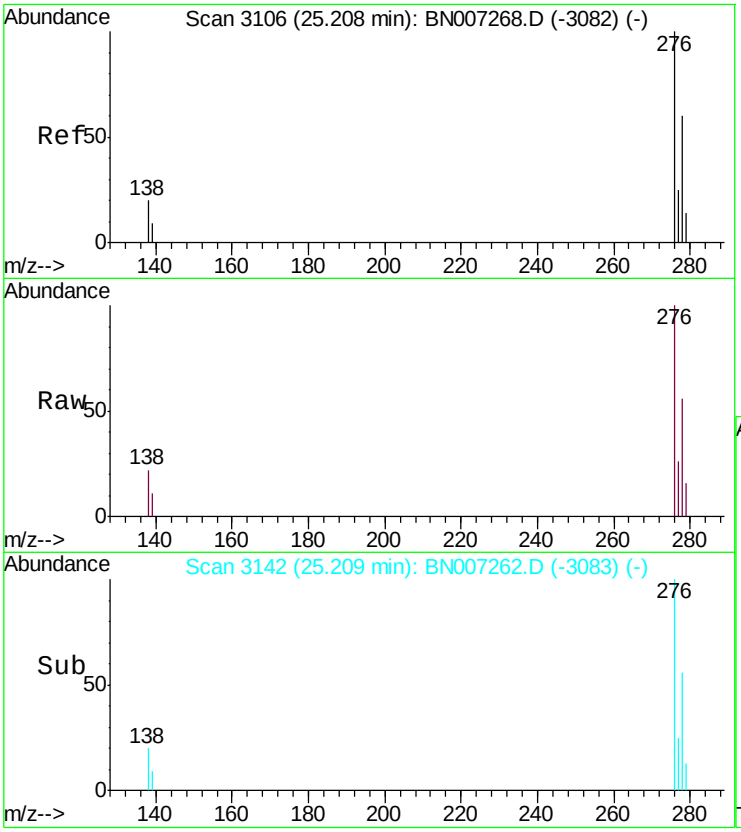


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.200 ng
RT: 20.98 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:149 Resp: 6529

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.8	35.6
279	5.0	3.8	5.8



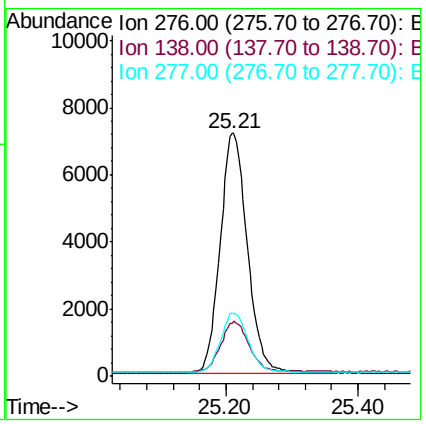


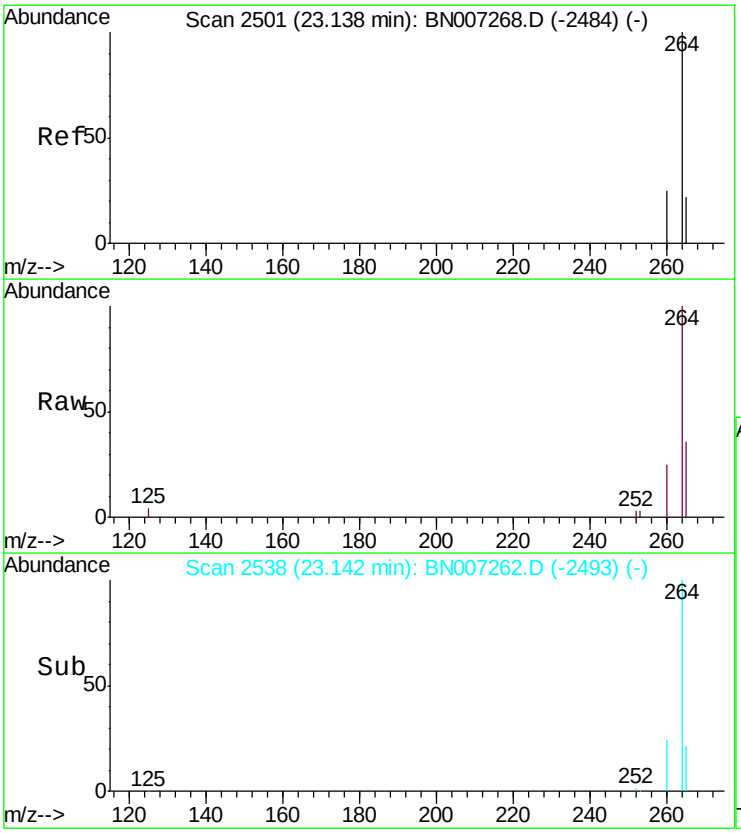
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 25.21 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 20700

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.1	25.7
277	25.1	20.1	30.1

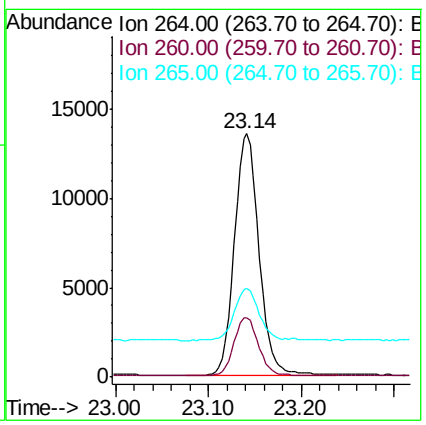


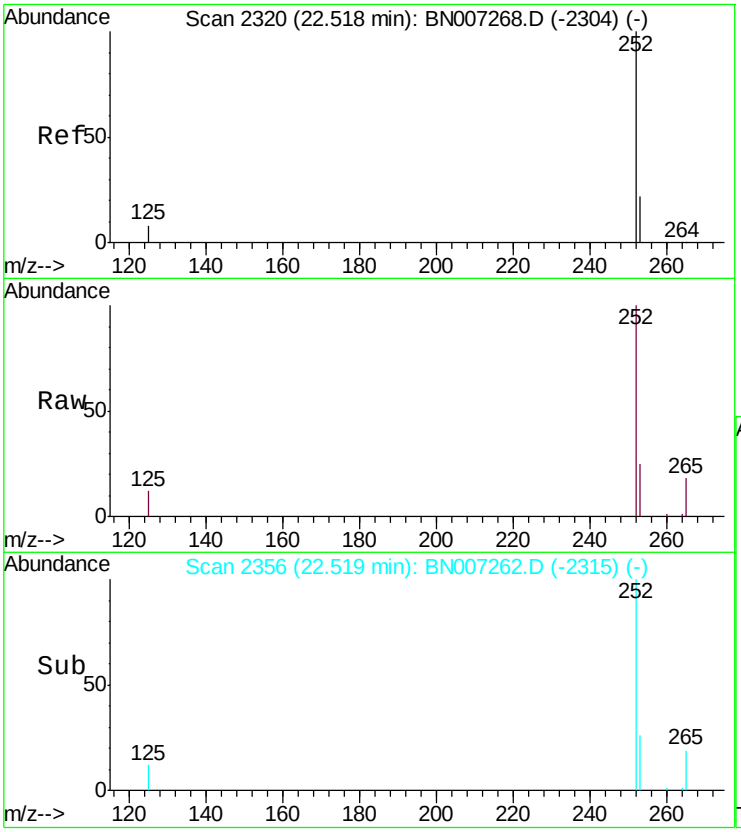


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:264 Resp: 24959

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	36.3	29.0	43.6



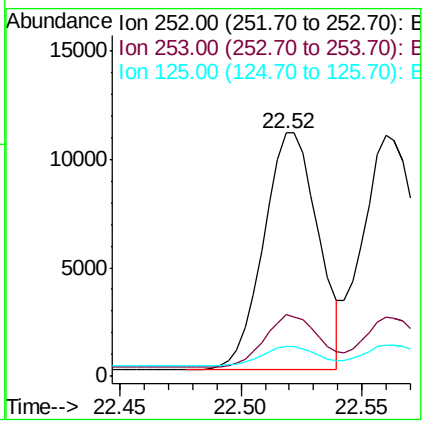


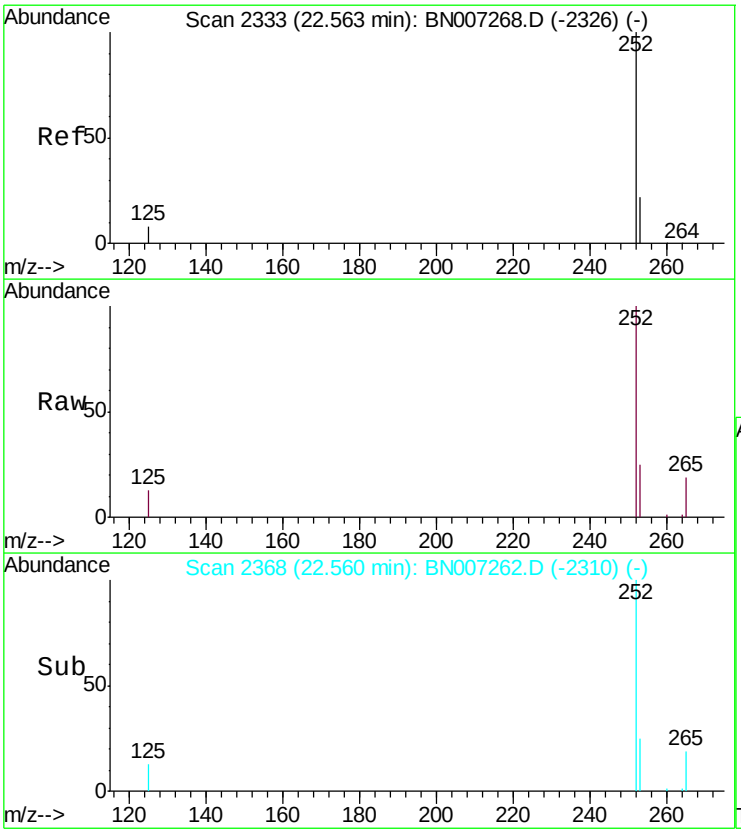
#35
Benzo(b)fluoranthene
Concen: 0.217 ng
RT: 22.52 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 17040

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.5	27.7
125	12.1	7.8	11.6#

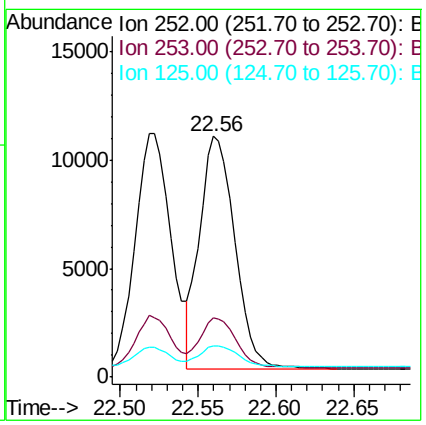


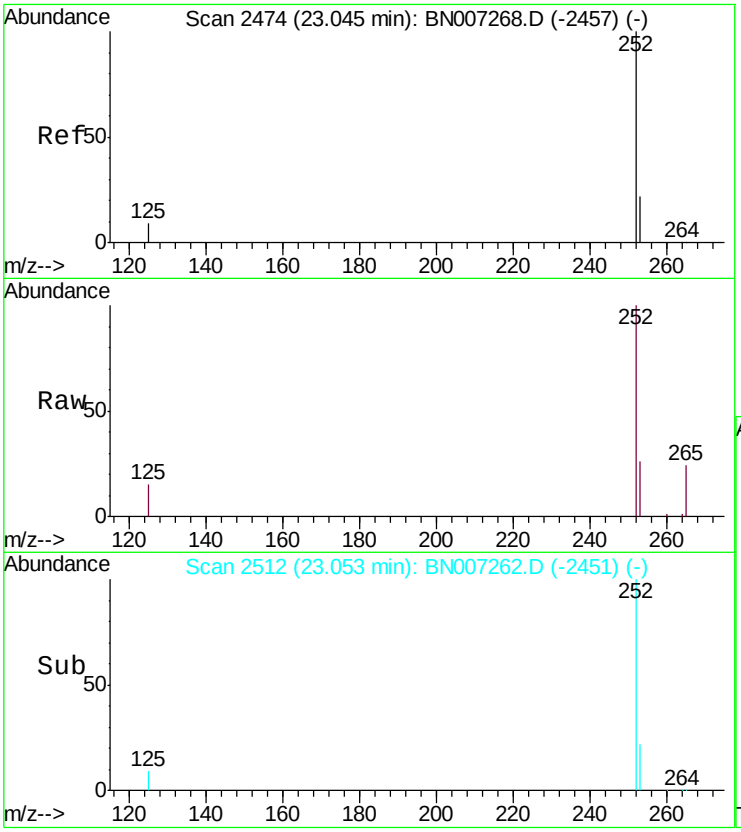


#36
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.56 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:252 Resp: 16920

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	12.7	8.0	12.0#



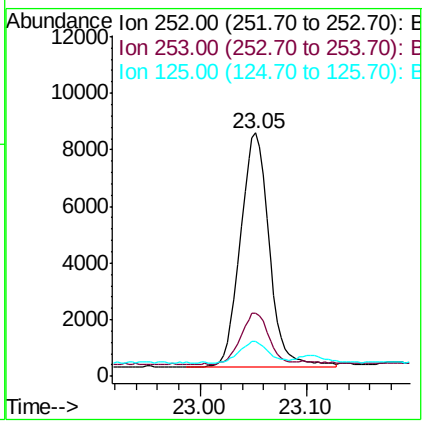


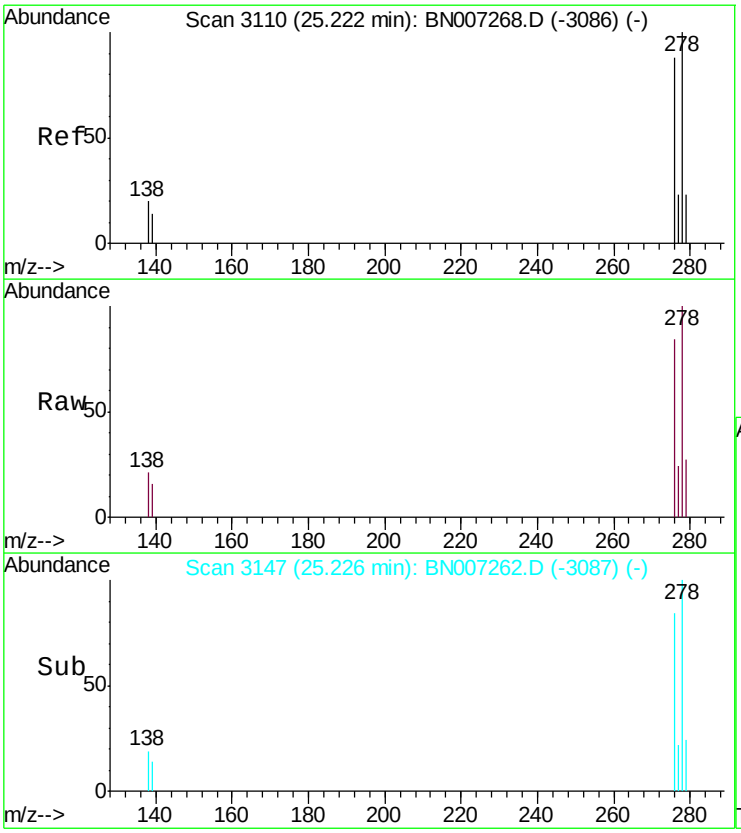
#37
Benzo(a)pyrene
Concen: 0.206 ng
RT: 23.05 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15668

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.7	28.1
125	14.5	8.7	13.1#

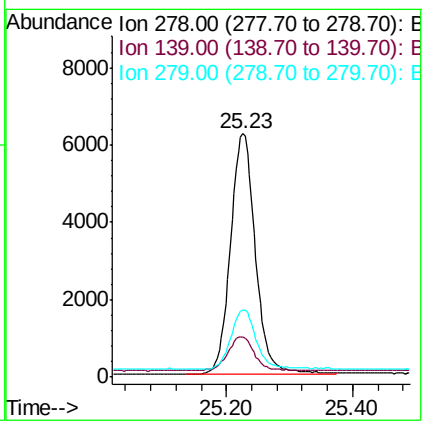


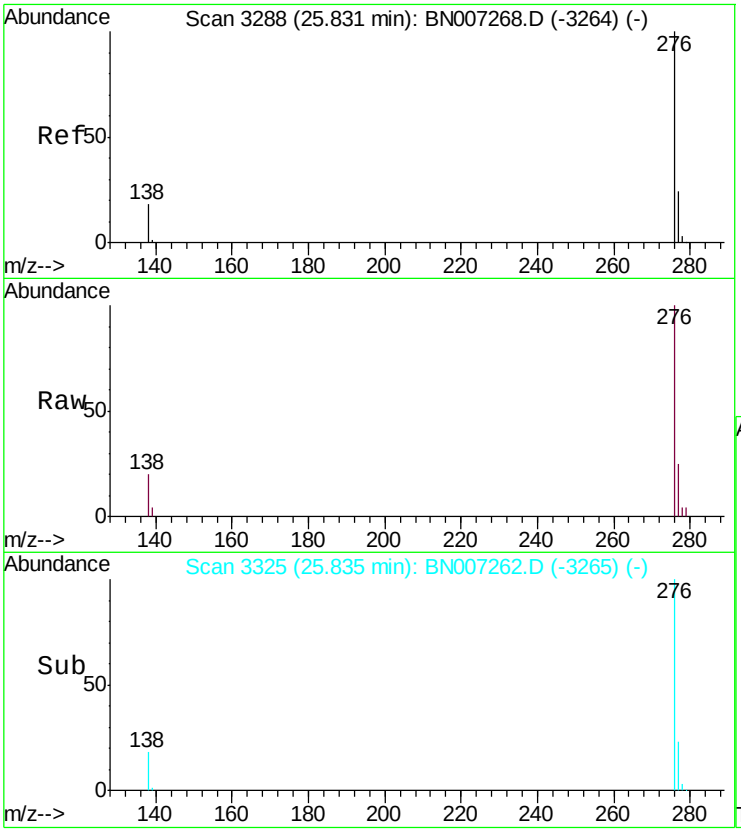


#38
Dibenzo(a,h)anthracene
Concen: 0.222 ng
RT: 25.23 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Tgt Ion:278 Resp: 16987

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.8	17.8
279	27.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.212 ng
RT: 25.84 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BN007262.D
Acq: 20 Aug 2019 13:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 17006

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	20.3	15.3	22.9