Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007261.D
Acq On : 20 Aug 2019 12:32
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 20 18:02:38 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	4612	0.40	ng		0.00
7) Naphthalene-d8	10.17	136	16663	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	9328	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	22638	0.40	ng		0.00
27) Chrysene-d12	21.02	240	22798	0.40	ng		0.00
34) Perylene-d12	23.14	264	25404	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1810	0.18	ng		0.00
5) Phenol-d6	6.60	99	2607	0.18	ng		0.00
8) Nitrobenzene-d5	8.55	82	1963	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	2877	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	621	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.71	172	132	0.00	ng		0.04
25) Fluoranthene-d10	18.85	212	7168	0.10	ng		0.00
29) Terphenyl-d14	19.47	244	6082	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	968	0.128	ng	#	80
3) n-Nitrosodimethylamine	3.33	42	560	0.095	ng	#	69
6) bis(2-Chloroethyl)ether	6.85	93	1414	0.090	ng		97
9) Naphthalene	10.22	128	4740	0.106	ng		95
10) Hexachlorobutadiene	10.52	225	1076	0.111	ng	#	99
12) 2-Methylnaphthalene	11.84	142	3250	0.114	ng		97
16) Acenaphthylene	13.77	152	4605	0.105	ng		97
17) Acenaphthene	14.12	154	3106	0.105	ng		98
18) Fluorene	15.11	166	4181	0.114	ng		98
20) 4-Bromophenyl-phenylether	16.02	248	1623	0.127	ng		97
21) Hexachlorobenzene	16.12	284	1518	0.091	ng		100
22) Pentachlorophenol	16.47	266	693	0.315	ng		96
23) Phenanthrene	16.85	178	6993	0.111	ng		99
24) Anthracene	16.94	178	6135	0.113	ng		98
26) Fluoranthene	18.88	202	8533	0.108	ng		99
28) Pyrene	19.25	202	8951	0.113	ng		99
30) Benzo(a)anthracene	21.01	228	8267	0.118	ng		96
31) Chrysene	21.01	228	8246	0.105	ng		93
32) Bis(2-ethylhexyl)phthalate	20.98	149	4202	0.128	ng		98
33) Indeno(1,2,3-cd)pyrene	25.21	276	11237	0.117	ng		99
35) Benzo(b)fluoranthene	22.52	252	9039	0.113	ng	#	90
36) Benzo(k)fluoranthene	22.56	252	9199	0.103	ng	#	88
37) Benzo(a)pyrene	23.05	252	8242	0.106	ng	#	84
38) Dibenzo(a,h)anthracene	25.23	278	9095	0.117	ng	#	36
39) Benzo(g,h,i)perylene	25.83	276	9197	0.112	ng		94

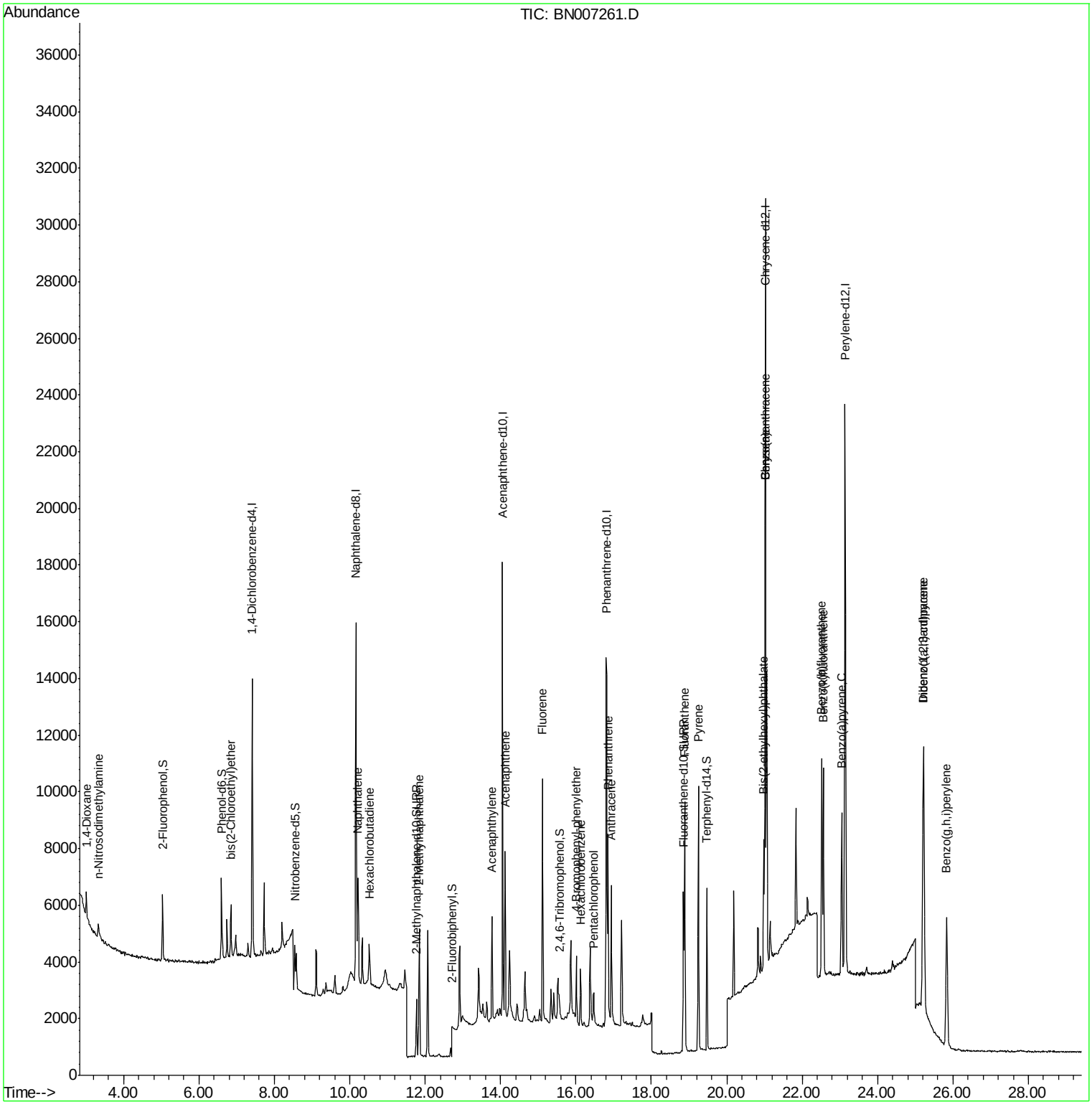
(#) = qualifier out of range (m) = manual integration (+) = signals summed

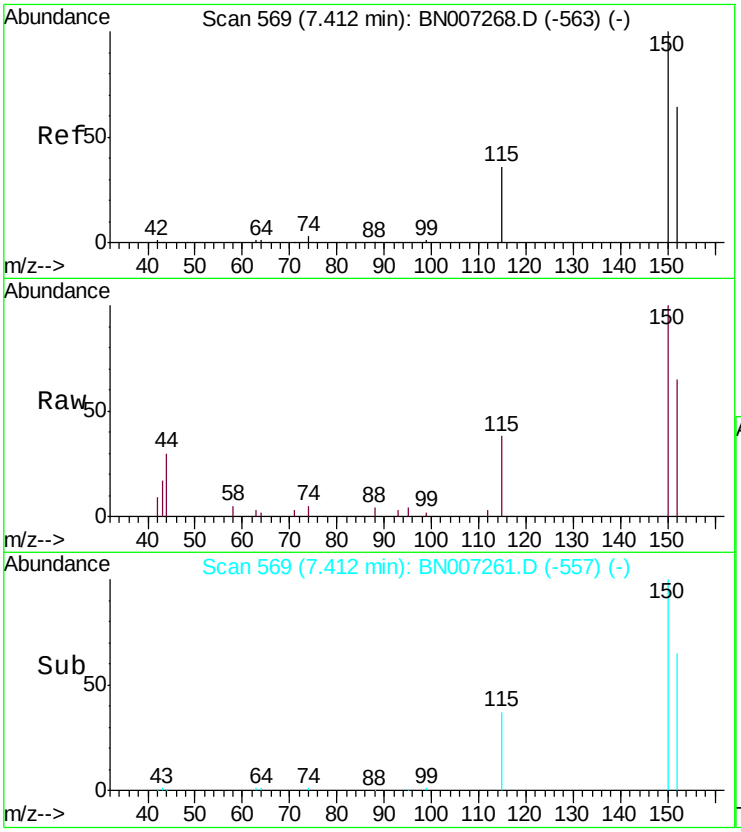
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007261.D
Acq On : 20 Aug 2019 12:32
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 20 18:02:38 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



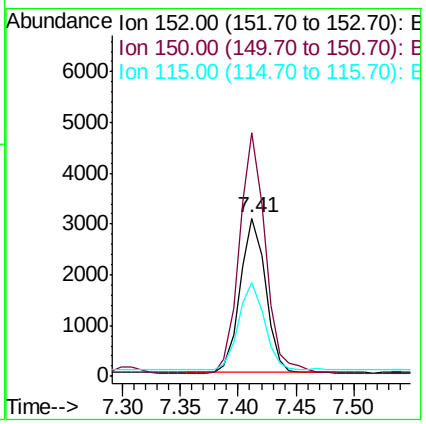


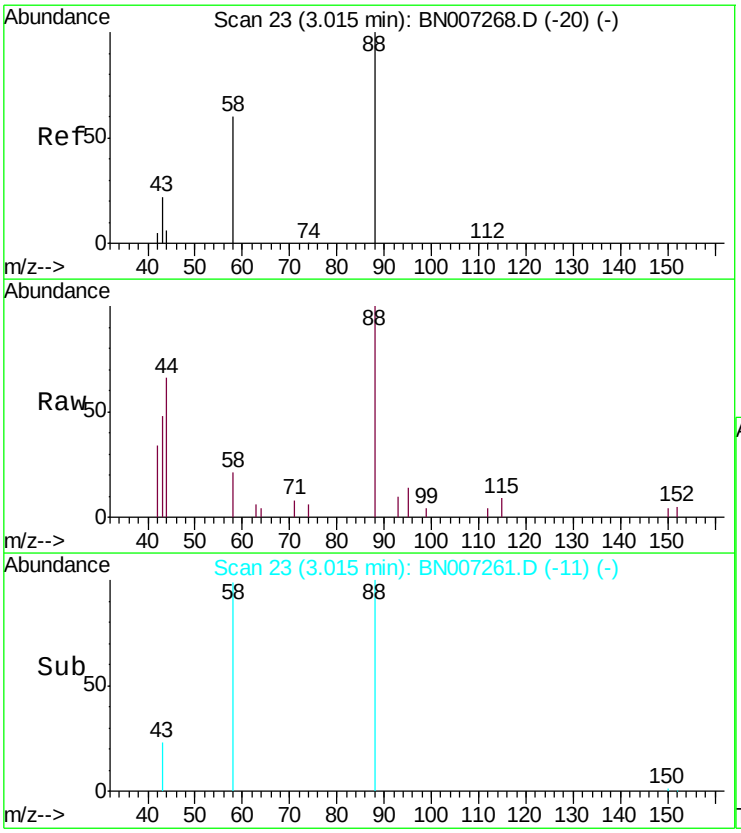
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4612

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.8
115	59.2	47.3	70.9

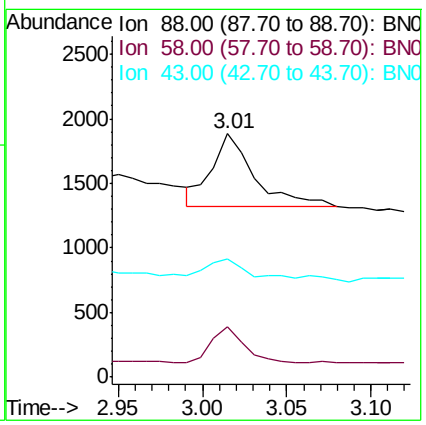


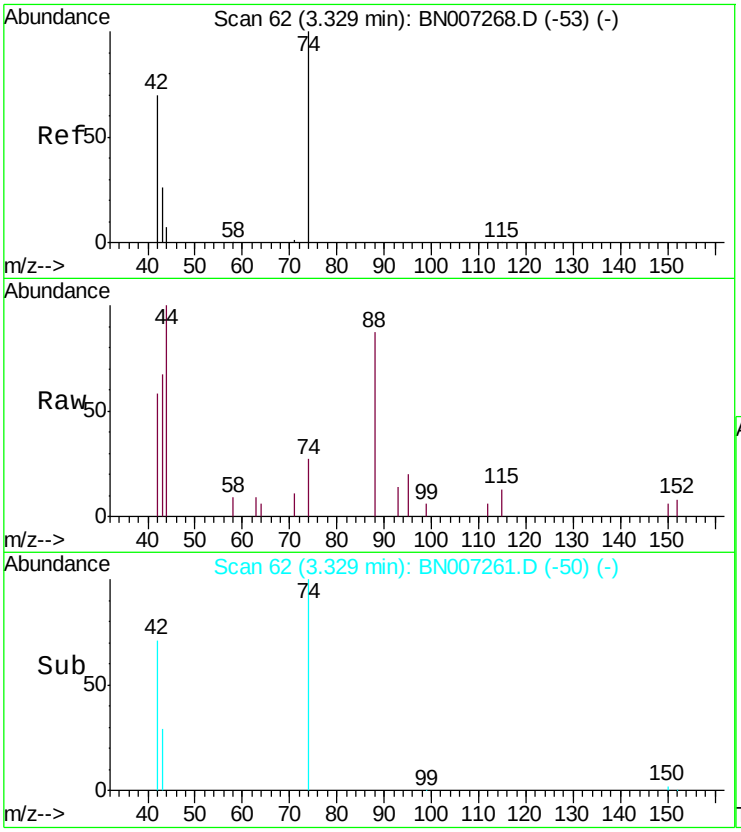


#2
1,4-Dioxane
Concen: 0.128 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion: 88 Resp: 968

Ion	Ratio	Lower	Upper
88	100		
58	37.1	45.5	68.3#
43	27.9	20.4	30.6



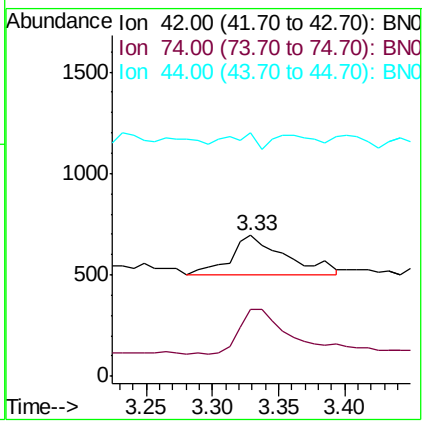


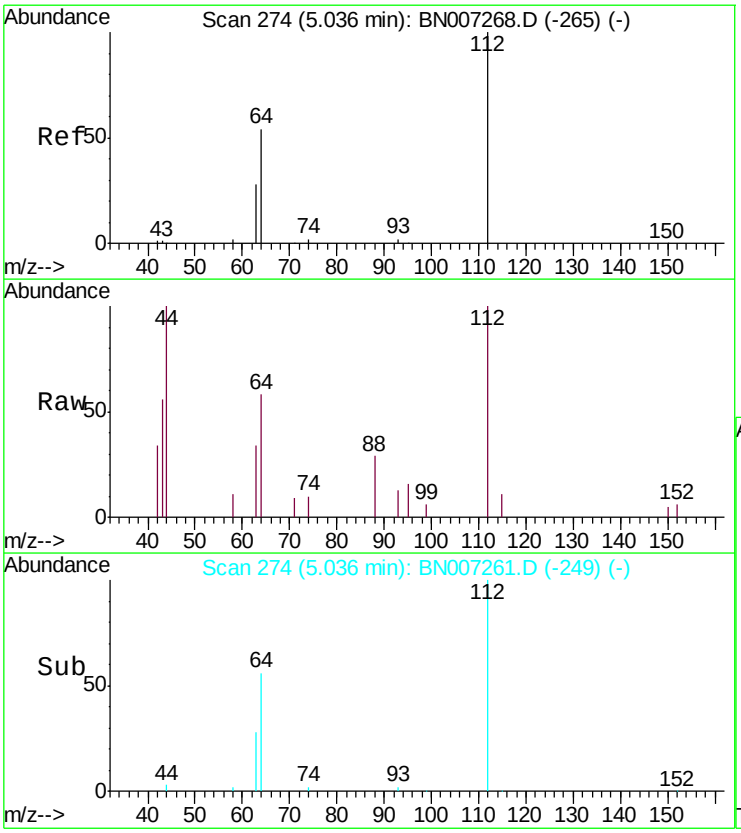
#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 560

Ion	Ratio	Lower	Upper
42	100		
74	100.4	109.0	163.4#
44	21.8	4.2	6.2#

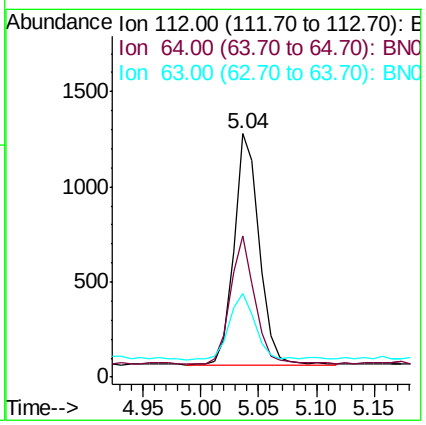


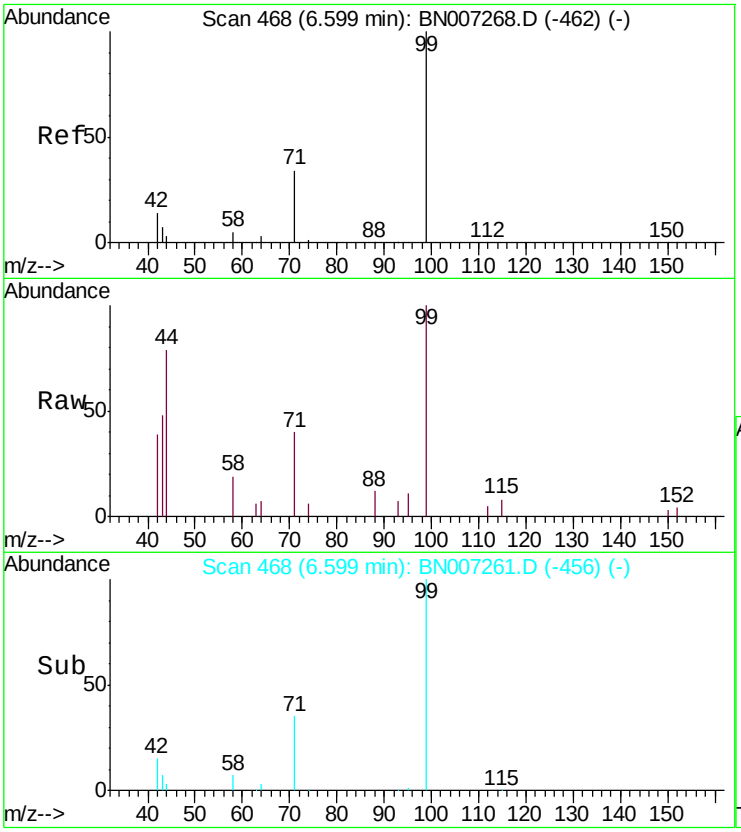


#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:112 Resp: 1810

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.8	62.8
63	30.3	22.6	34.0



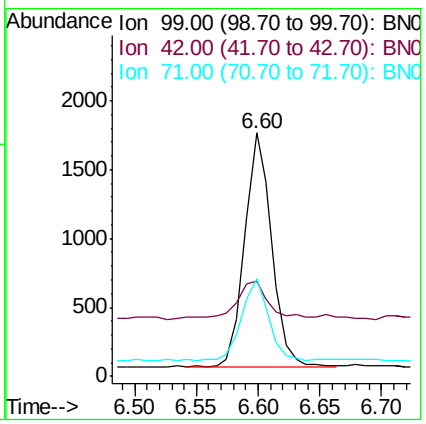


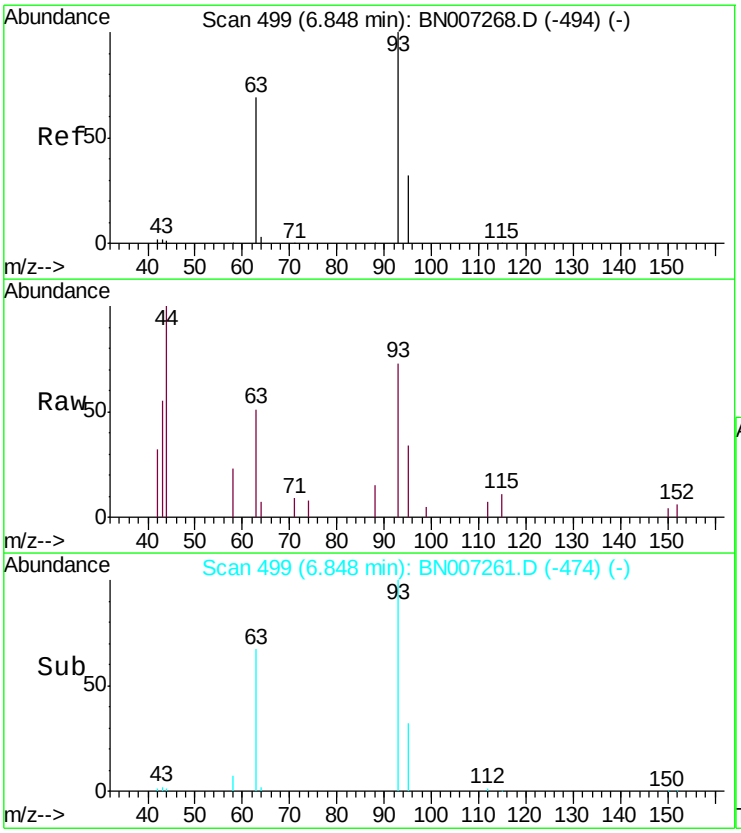
#5
Phenol-d6
Concen: 0.185 ng
RT: 6.60 min Scan# 468
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2607

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.3	21.5
71	34.1	27.3	40.9

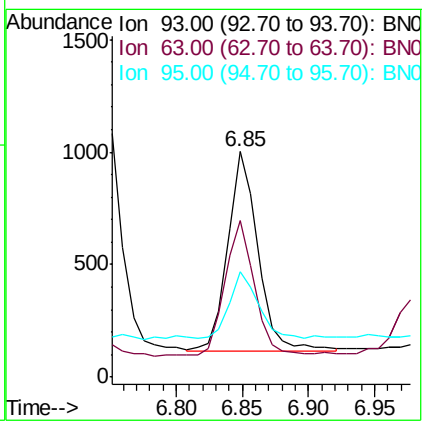


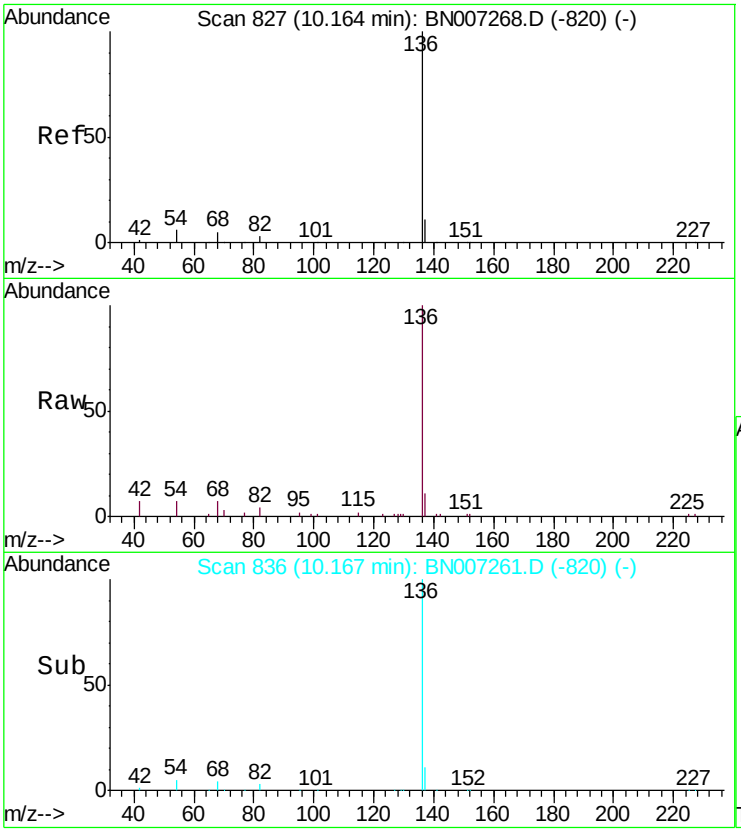


#6
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion: 93 Resp: 1414

Ion	Ratio	Lower	Upper
93	100		
63	65.2	54.4	81.6
95	31.2	25.5	38.3



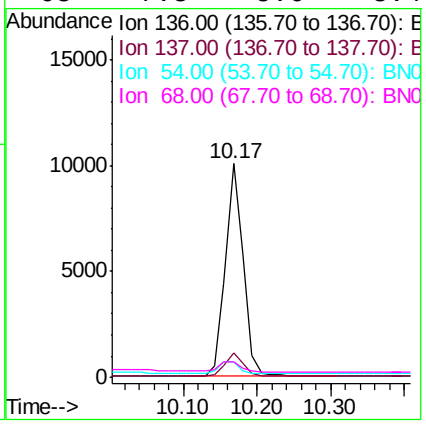


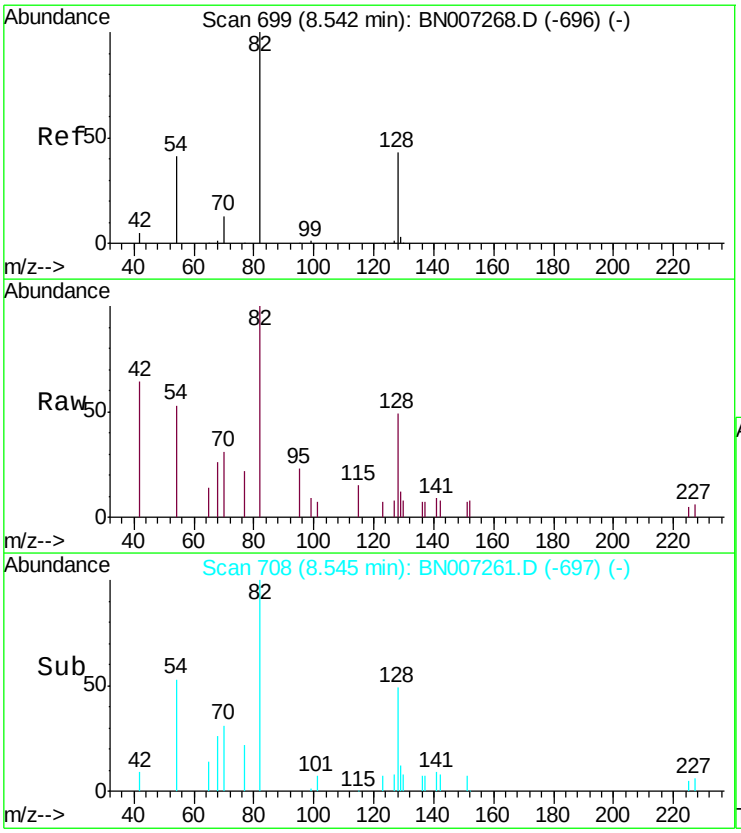
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 16663

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.9	5.9	8.9
68	7.3	5.6	8.4

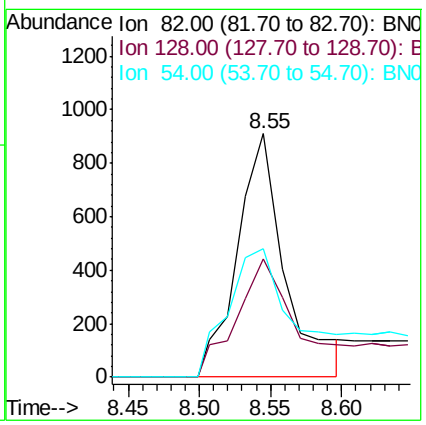


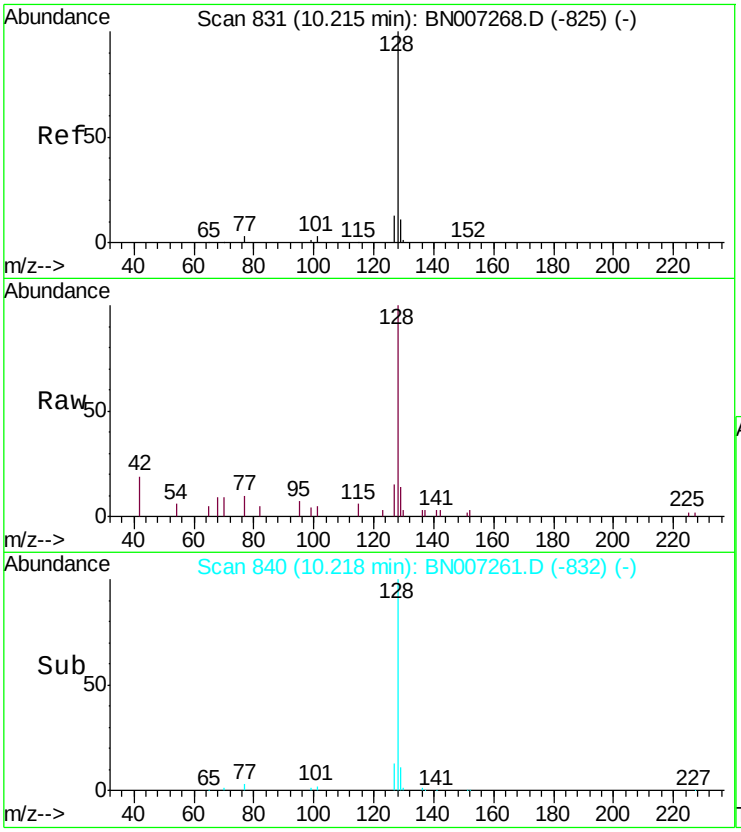


#8
Nitrobenzene-d5
Concen: 0.173 ng
RT: 8.55 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion: 82 Resp: 1963

Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.8	53.6
54	52.8	34.7	52.1#



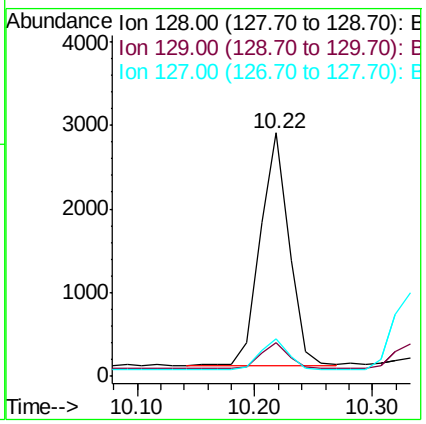


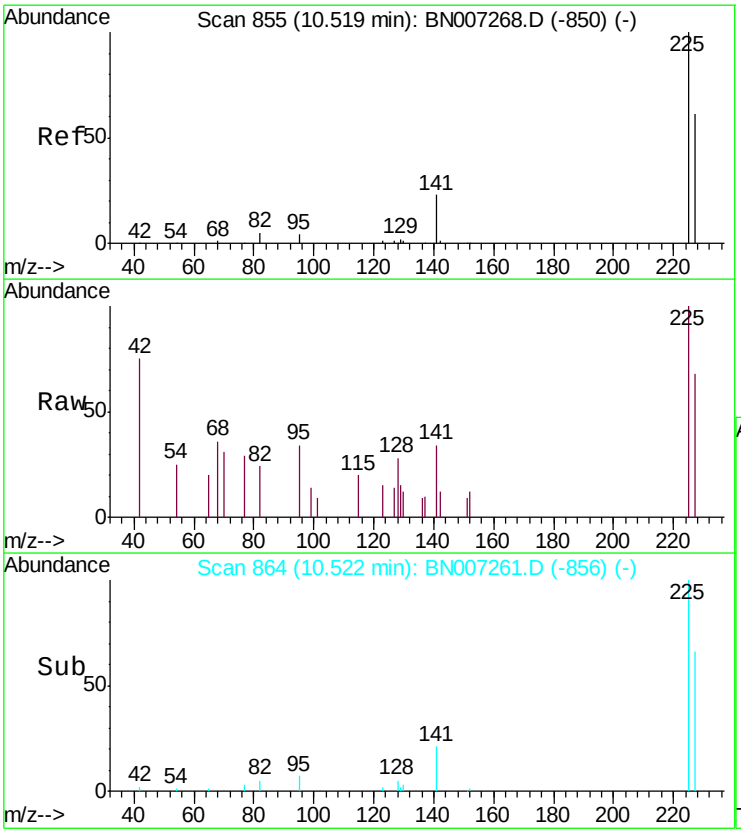
#9
Naphthalene
Concen: 0.106 ng
RT: 10.22 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4740

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	15.3	10.6	16.0

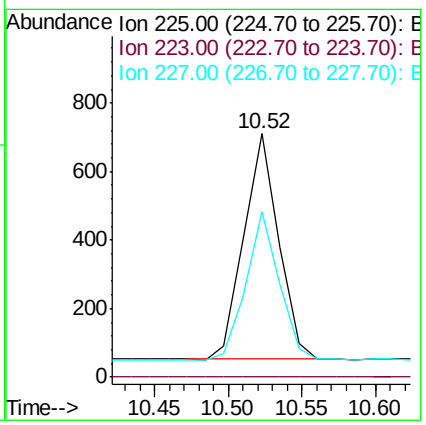


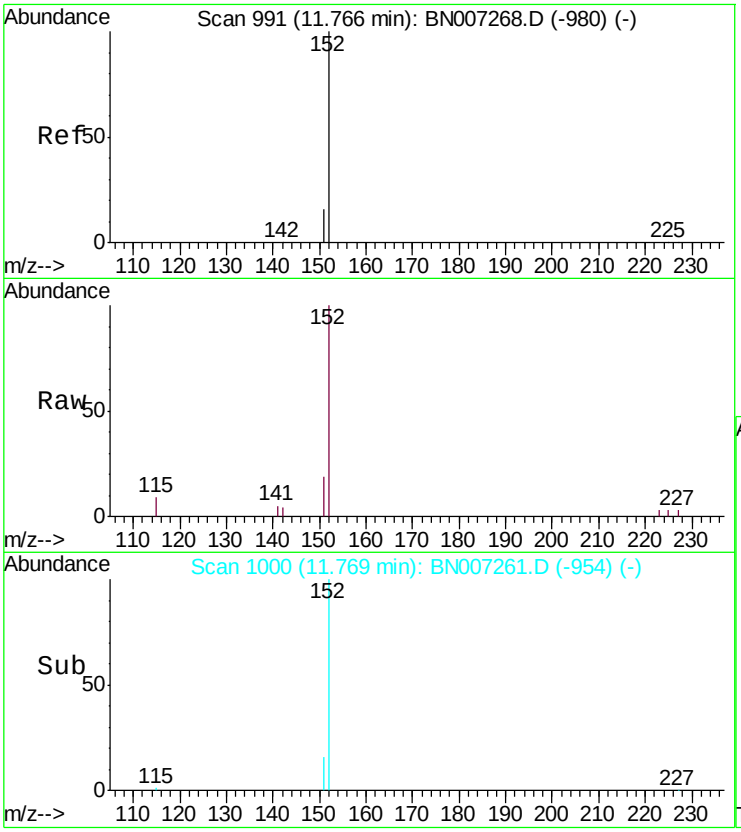


#10
Hexachlorobutadiene
Concen: 0.111 ng
RT: 10.52 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:225 Resp: 1076

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.2	75.2



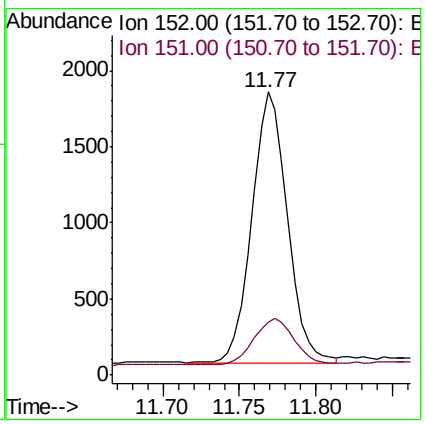


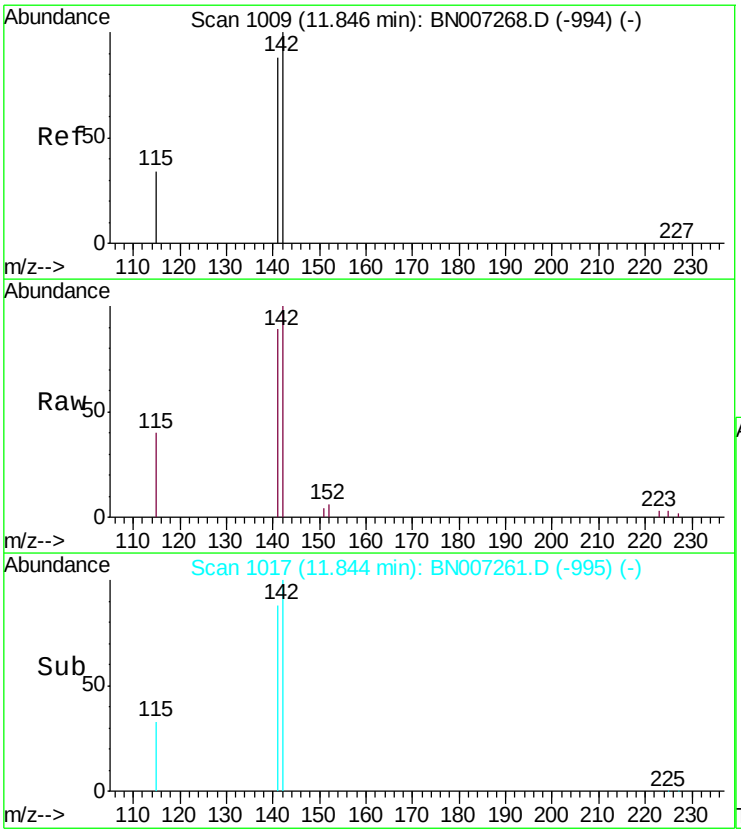
#11
2-Methylnaphthalene-d10
Concen: 0.116 ng
RT: 11.77 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2877

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8

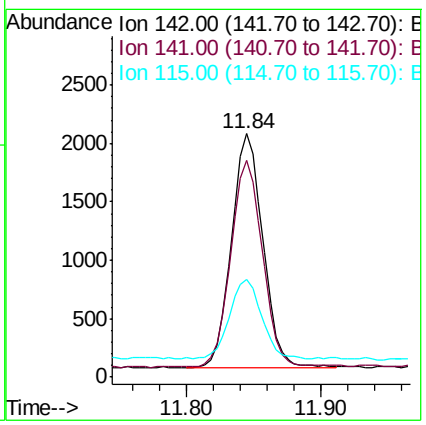


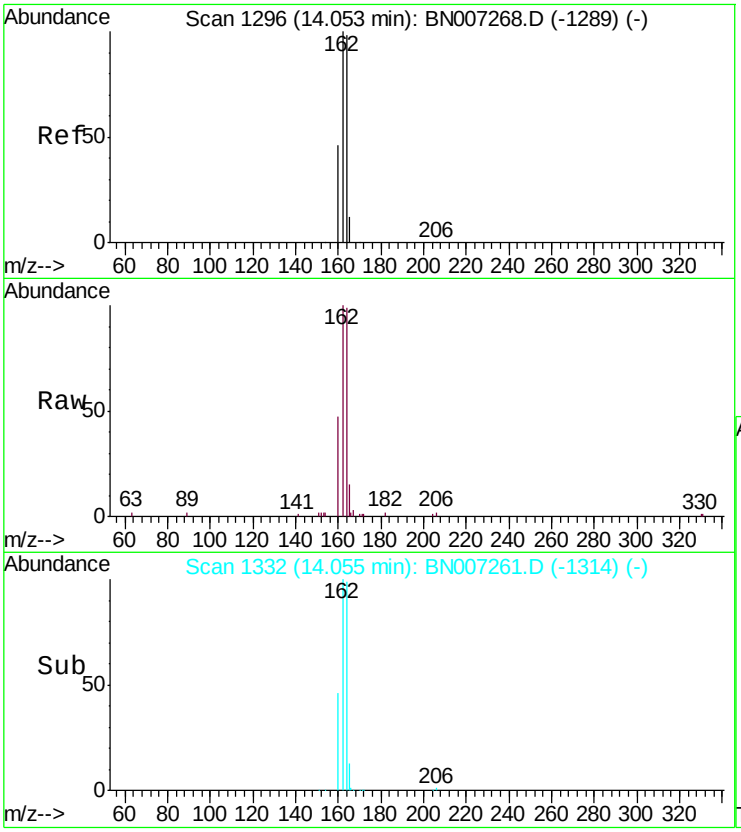


#12
2-Methylnaphthalene
Concen: 0.114 ng
RT: 11.84 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:142 Resp: 3250

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	40.2	28.1	42.1



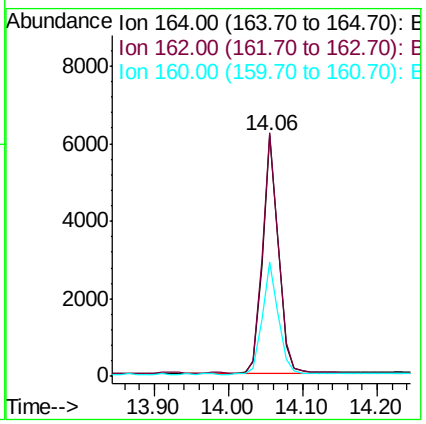


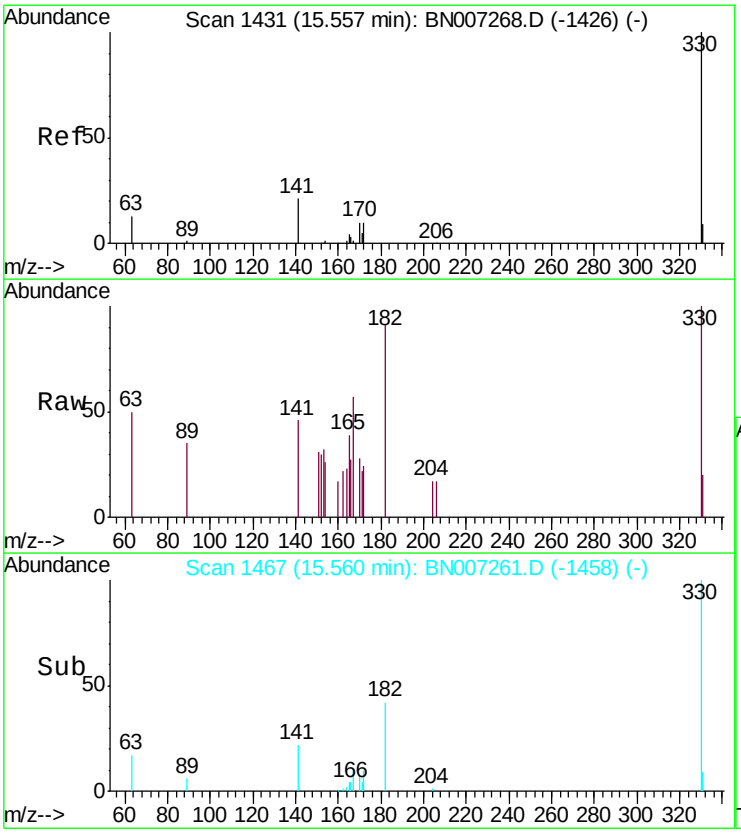
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9328

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.0	123.0
160	47.5	38.2	57.4

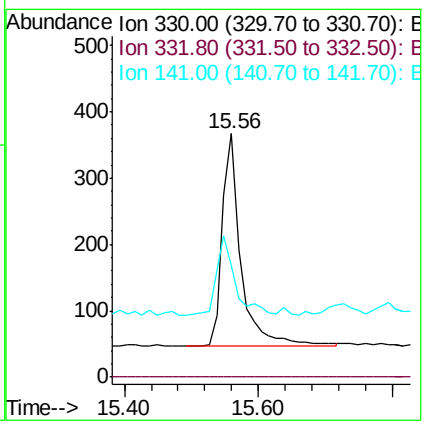


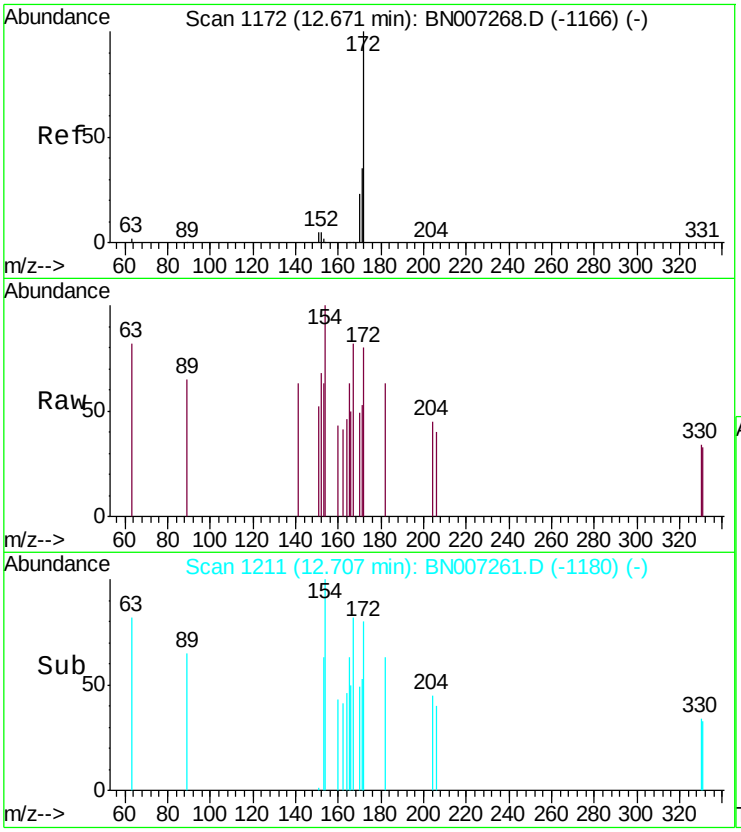


#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.56 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:330 Resp: 621

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	30.3	45.5



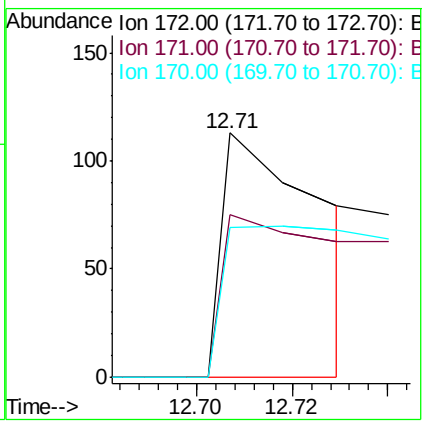


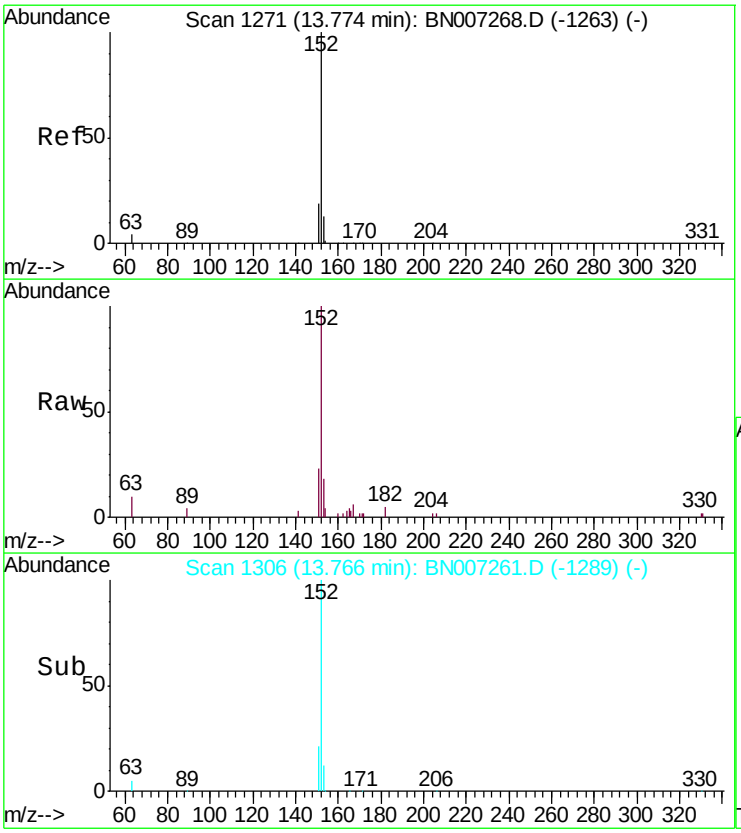
#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.71 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 132

Ion	Ratio	Lower	Upper
172	100		
171	66.4	28.6	43.0#
170	61.1	18.7	28.1#

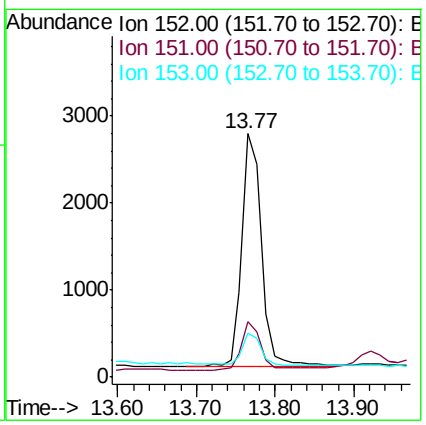


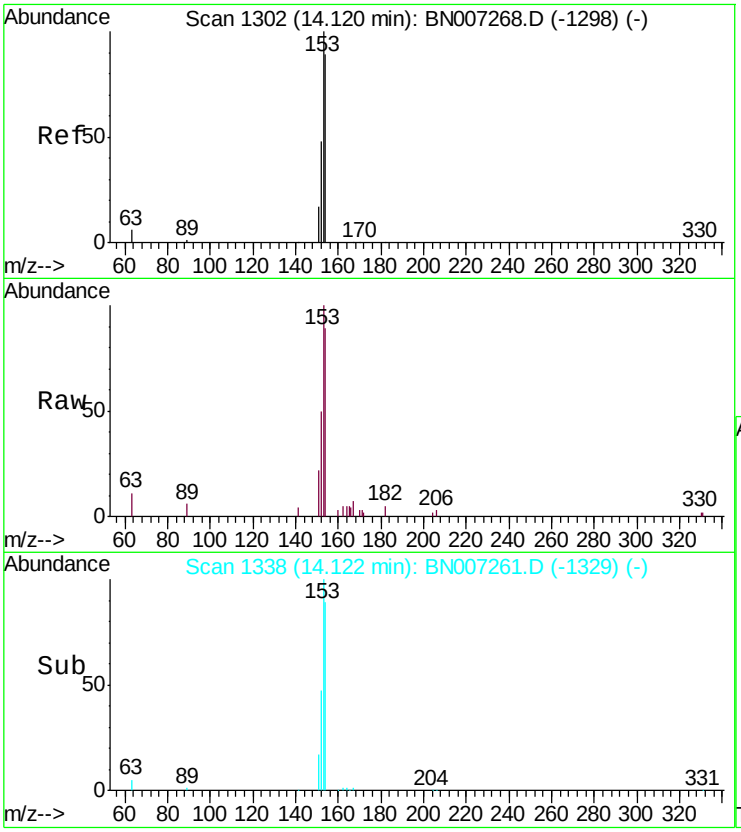


#16
Acenaphthylene
Concen: 0.105 ng
RT: 13.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:152 Resp: 4605

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.4	23.2
153	13.9	10.1	15.1



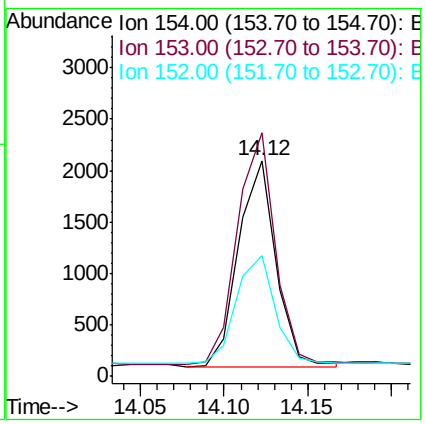


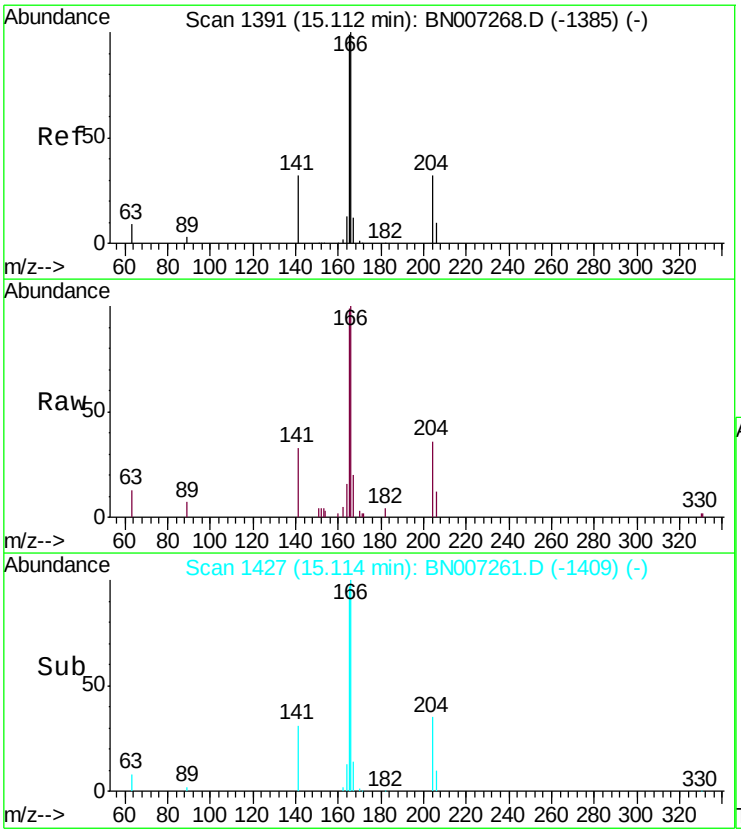
#17
Acenaphthene
Concen: 0.105 ng
RT: 14.12 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3106

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.9	134.9
152	55.0	43.9	65.9

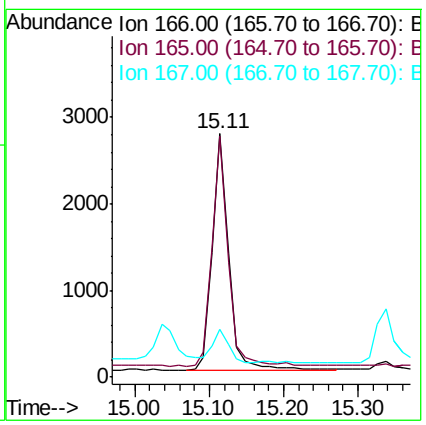


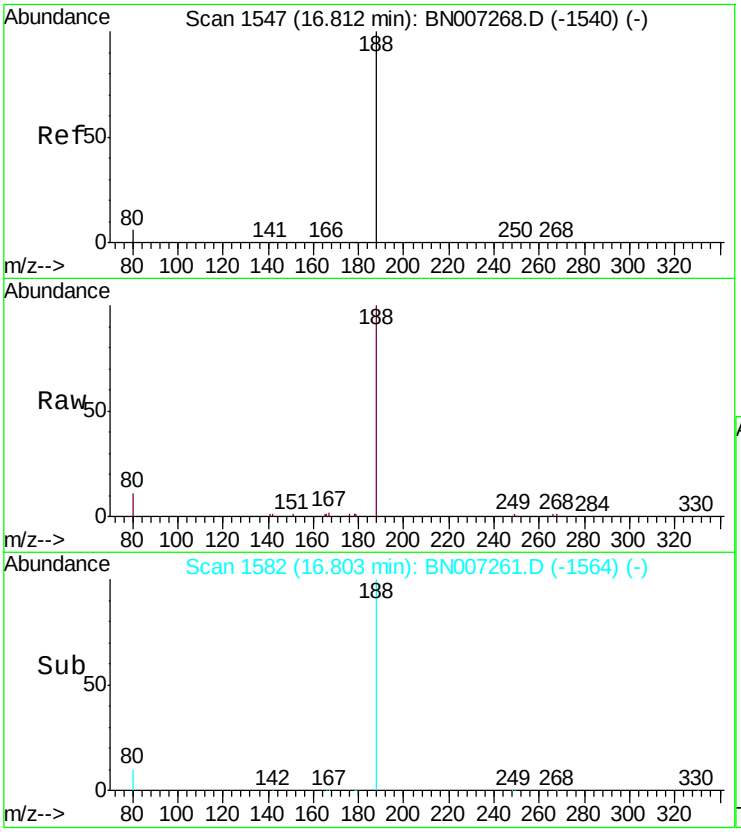


#18
Fluorene
Concen: 0.114 ng
RT: 15.11 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:166 Resp: 4181

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.3	117.5
167	14.4	11.1	16.7



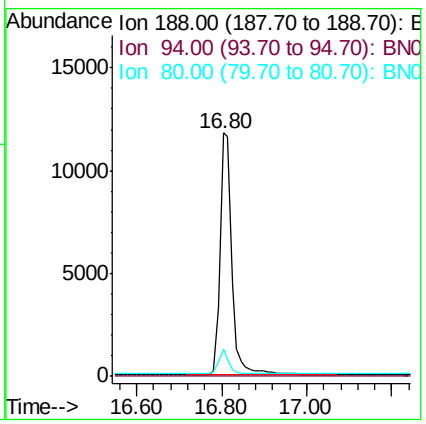


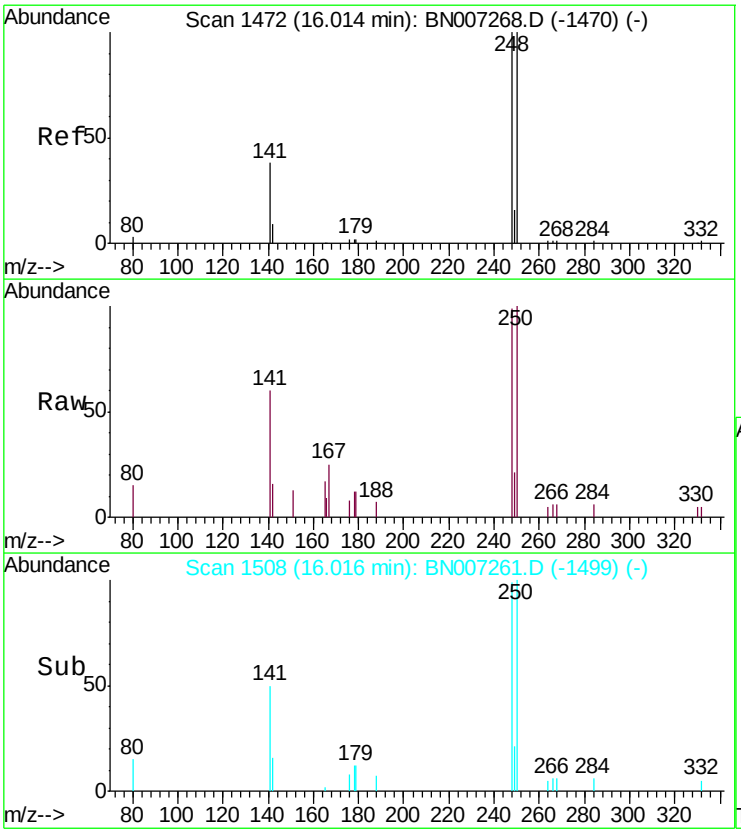
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 22638

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	5.2	7.8#

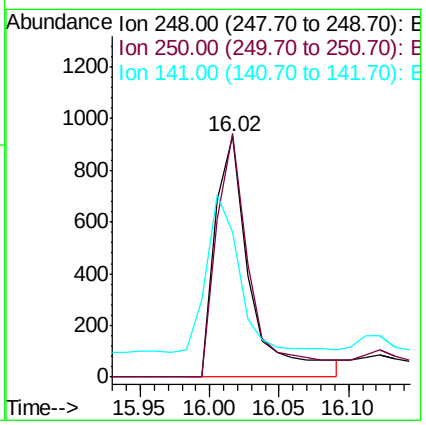


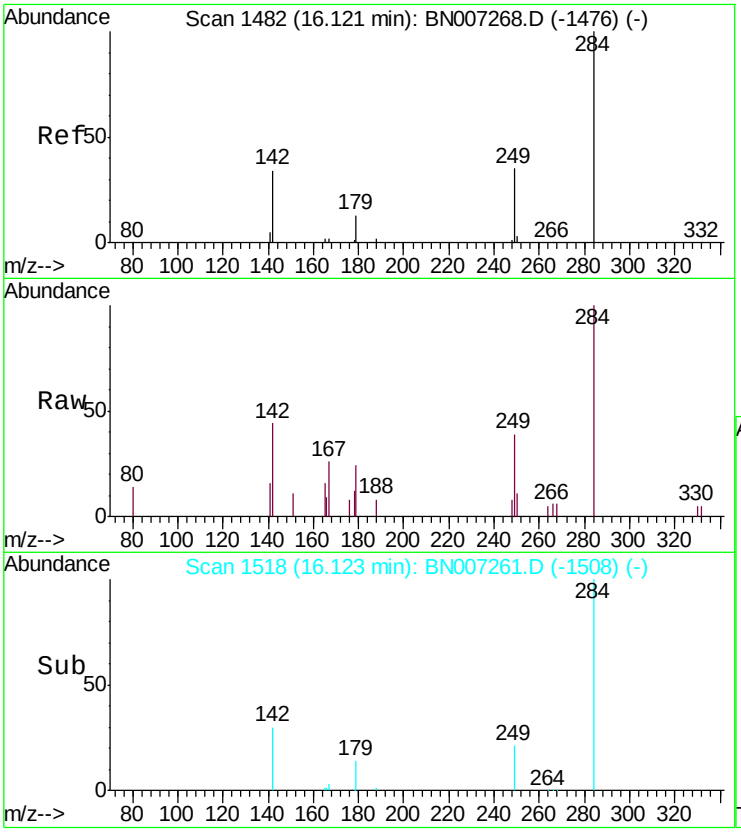


#20
4-Bromophenyl-phenylether
Concen: 0.127 ng
RT: 16.02 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:248 Resp: 1623

Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.6	119.4
141	60.4	45.1	67.7



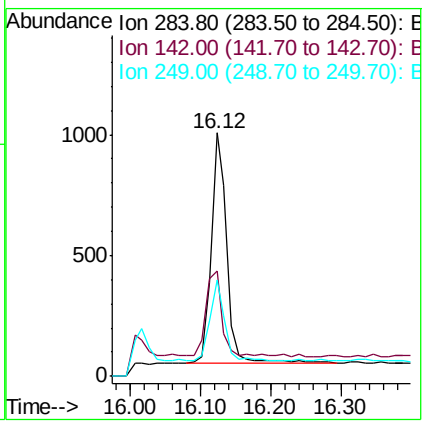


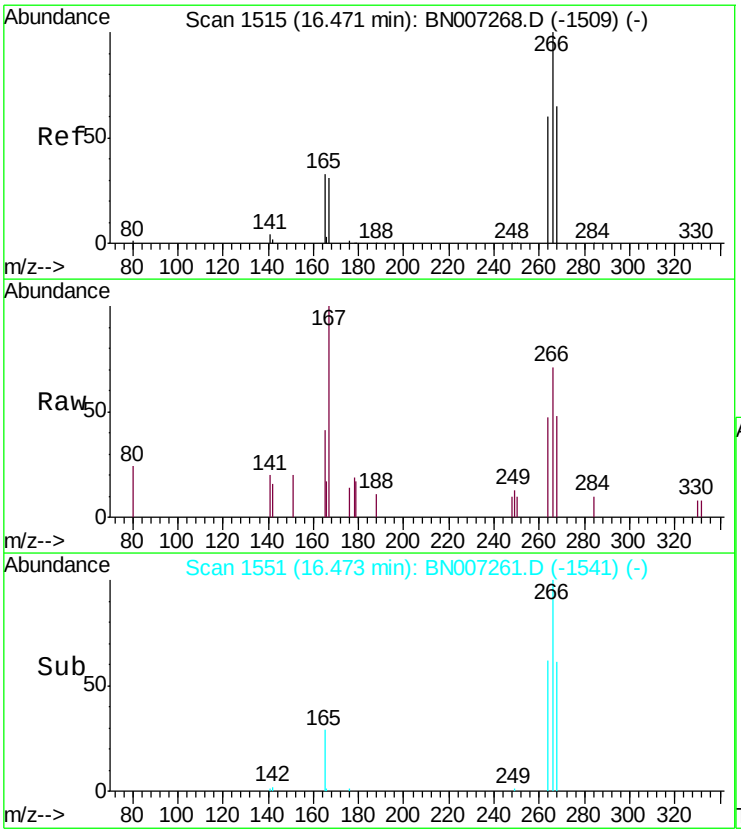
#21
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.12 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1518

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.5	44.3
249	32.9	26.2	39.4

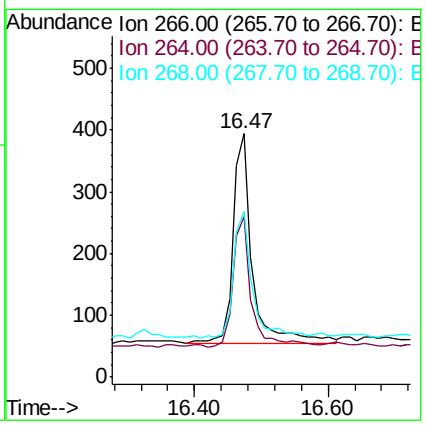


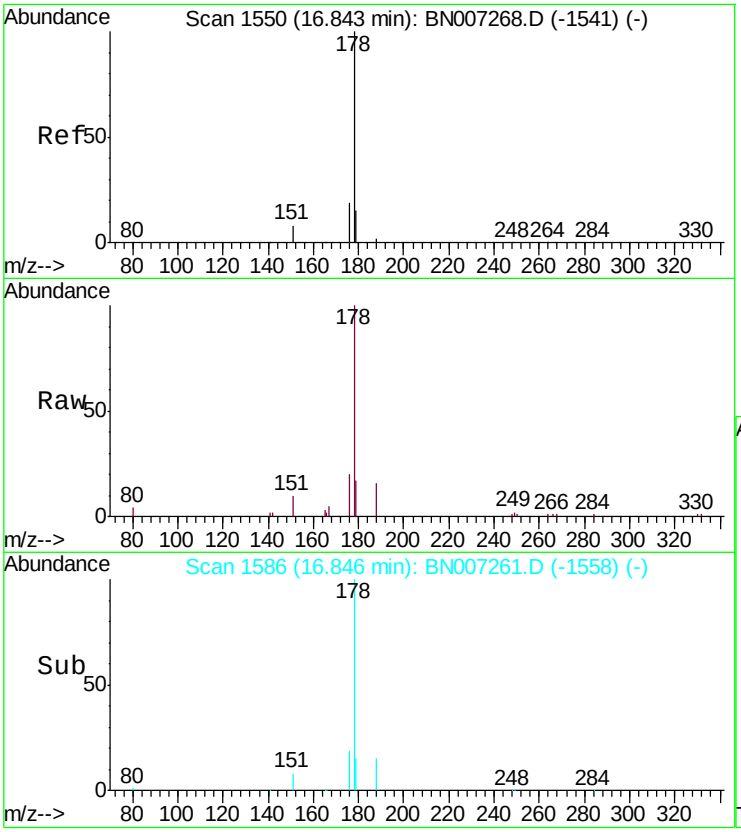


#22
Pentachlorophenol
Concen: 0.315 ng
RT: 16.47 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:266 Resp: 693

Ion	Ratio	Lower	Upper
266	100		
264	65.7	48.7	73.1
268	68.0	53.5	80.3



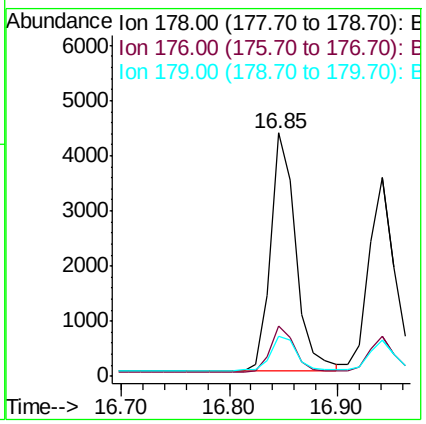


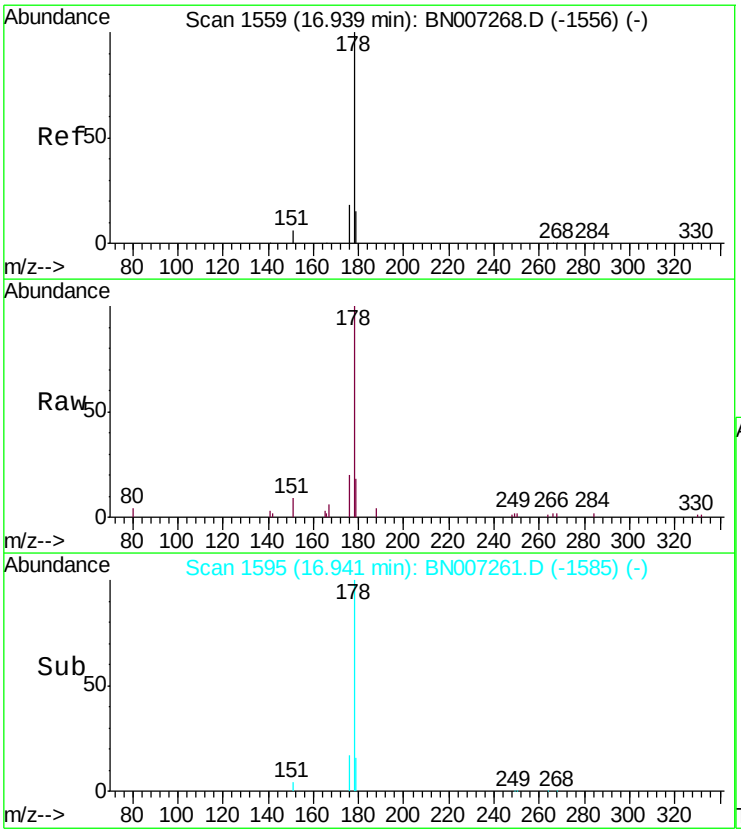
#23
Phenanthrene
Concen: 0.111 ng
RT: 16.85 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6993

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.0	12.3	18.5

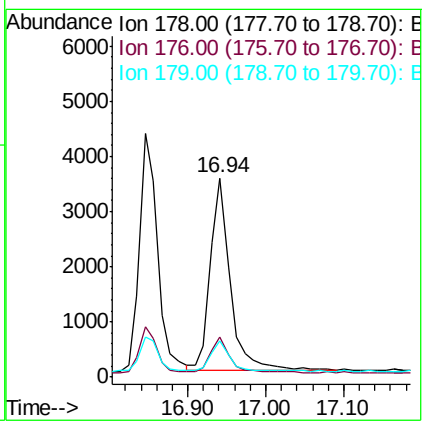


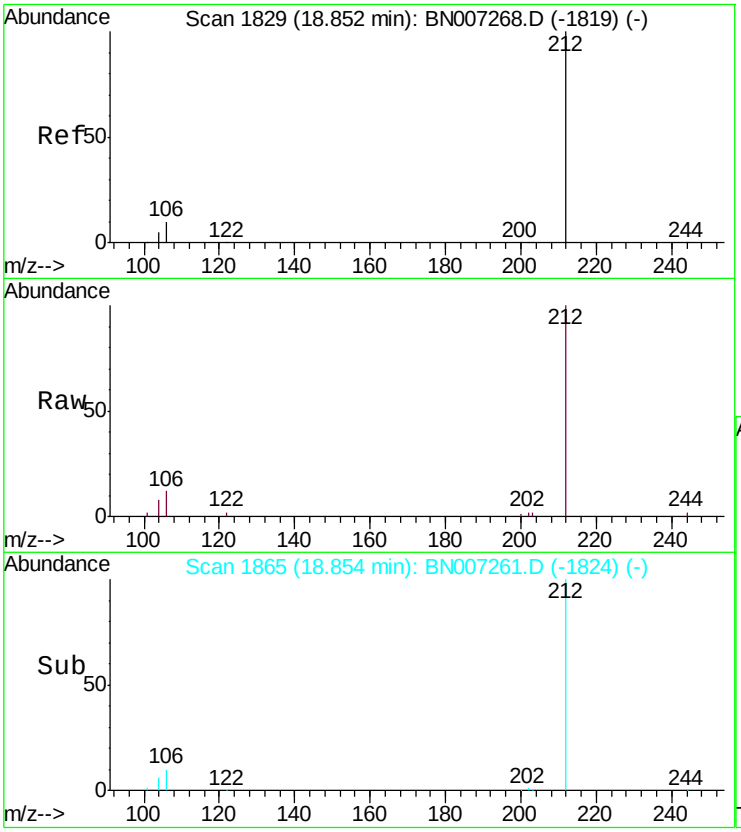


#24
Anthracene
Concen: 0.113 ng
RT: 16.94 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:178 Resp: 6135

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	14.2	12.3	18.5



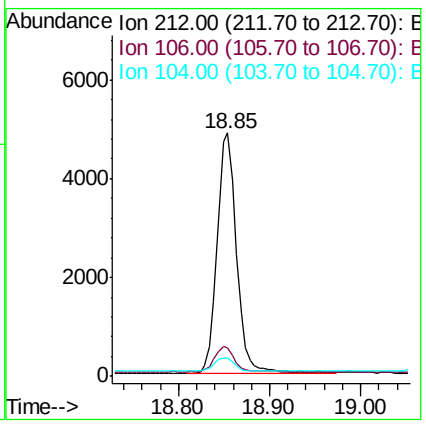


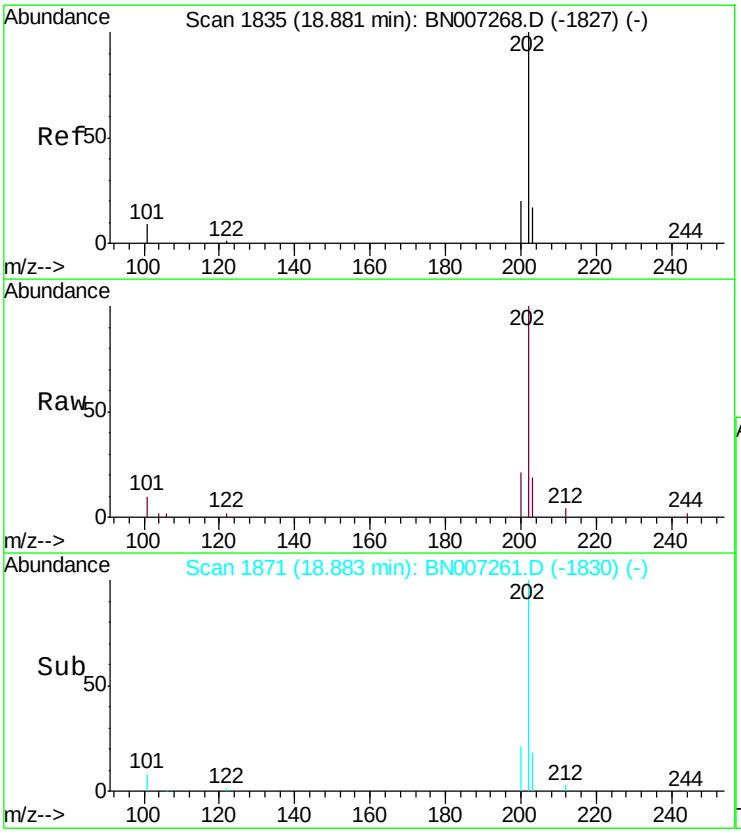
#25
Fluoranthene-d10
Concen: 0.105 ng
RT: 18.85 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 7168

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.4
104	5.7	4.7	7.1

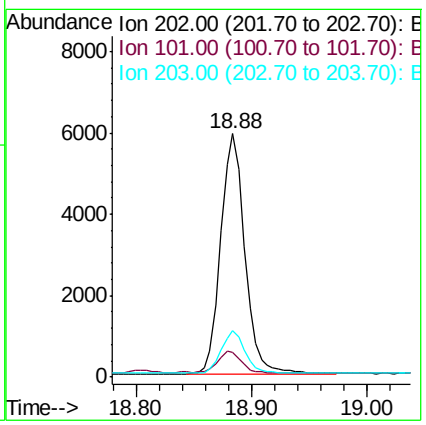


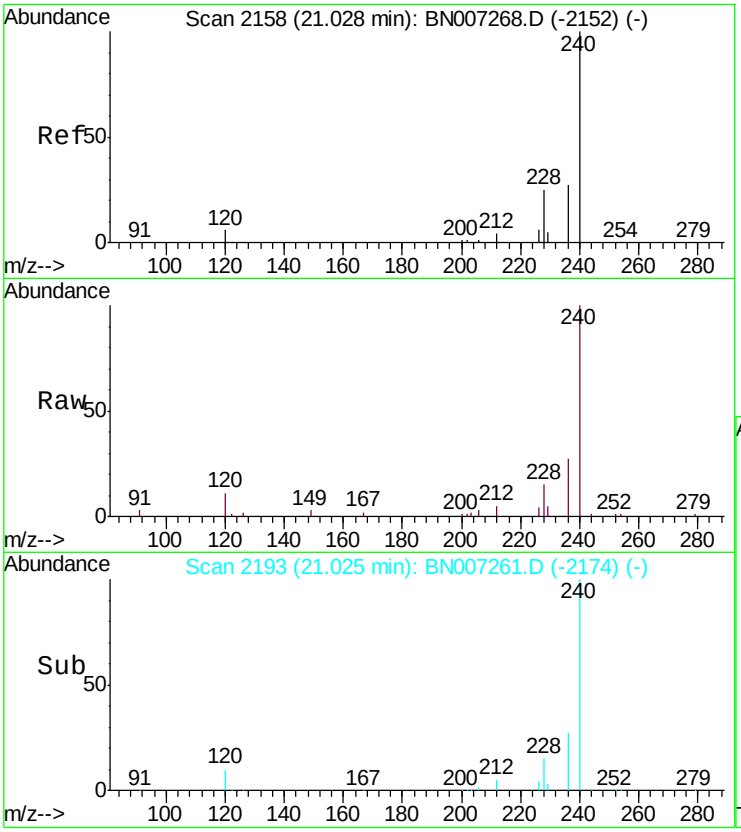


#26
Fluoranthene
Concen: 0.108 ng
RT: 18.88 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:202 Resp: 8533

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.2	10.8
203	17.4	13.8	20.6



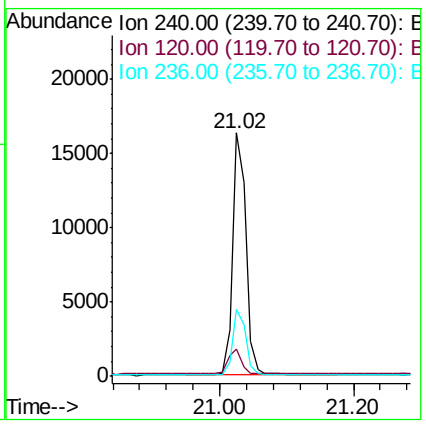


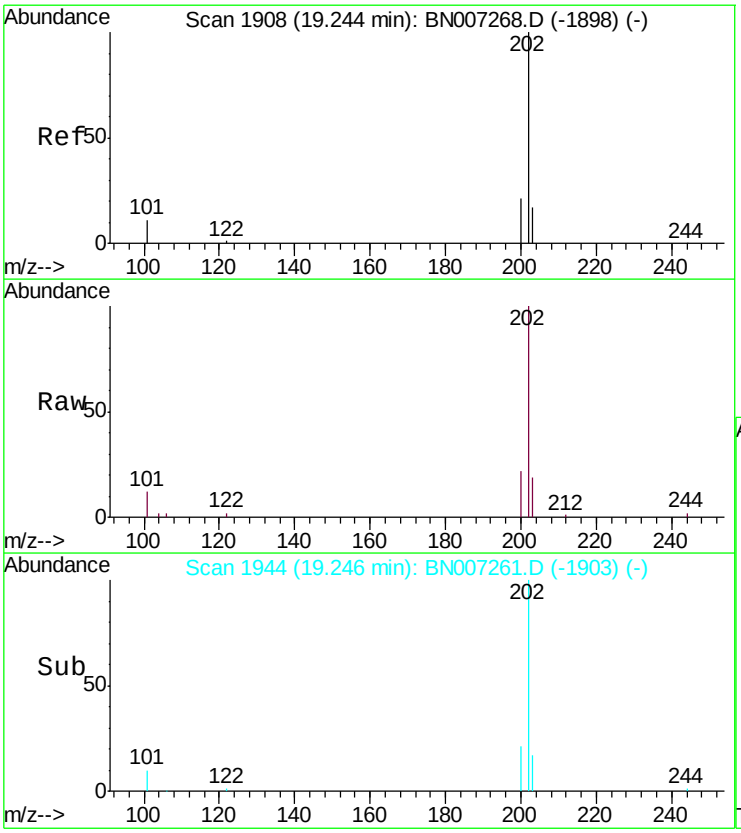
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 22798

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.6	8.4#
236	27.4	21.6	32.4

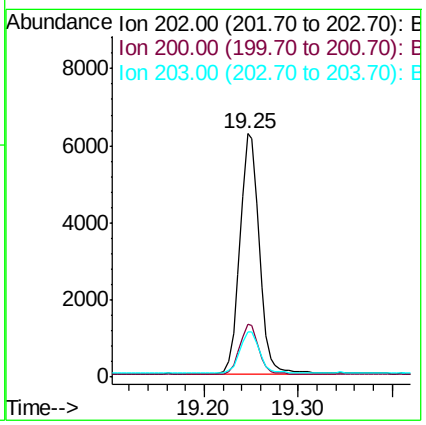


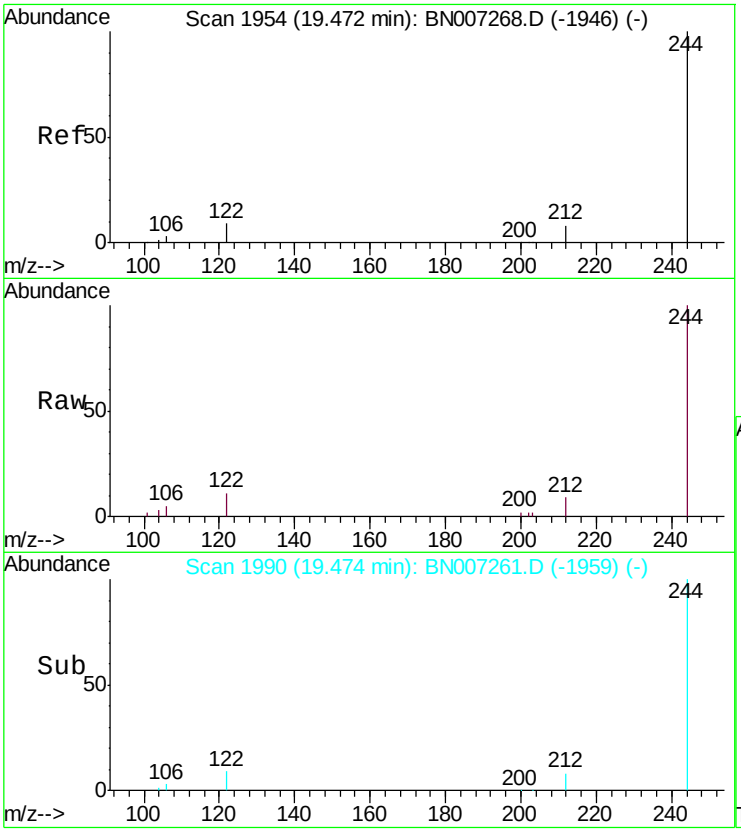


#28
Pyrene
Concen: 0.113 ng
RT: 19.25 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:202 Resp: 8951

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	17.5	13.9	20.9



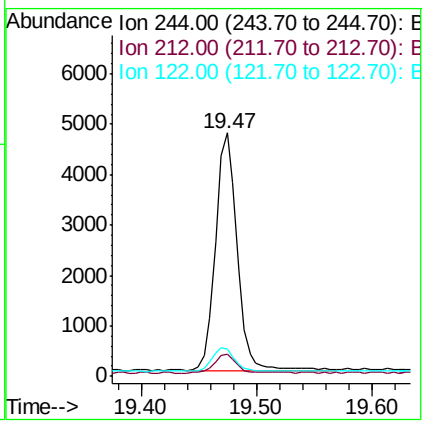


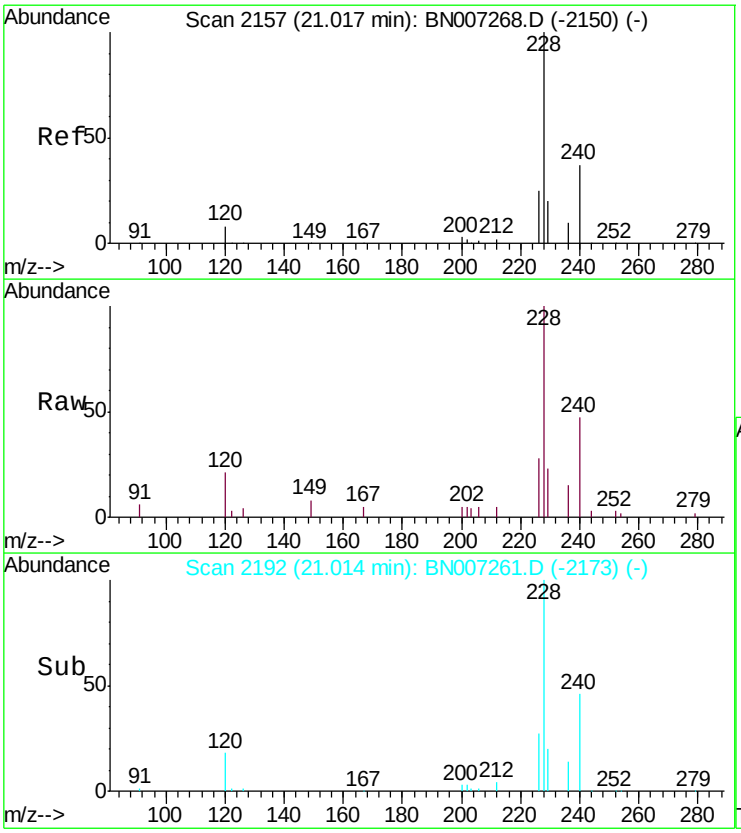
#29
Terphenyl-d14
Concen: 0.121 ng
RT: 19.47 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6082

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.1	7.9	11.9

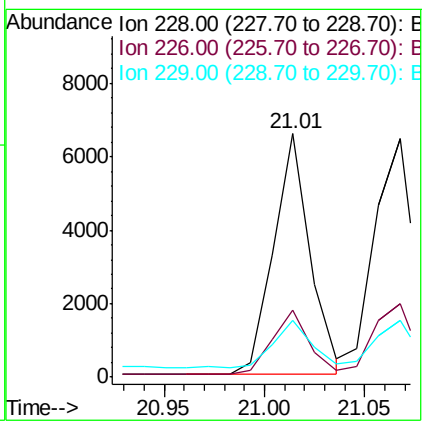


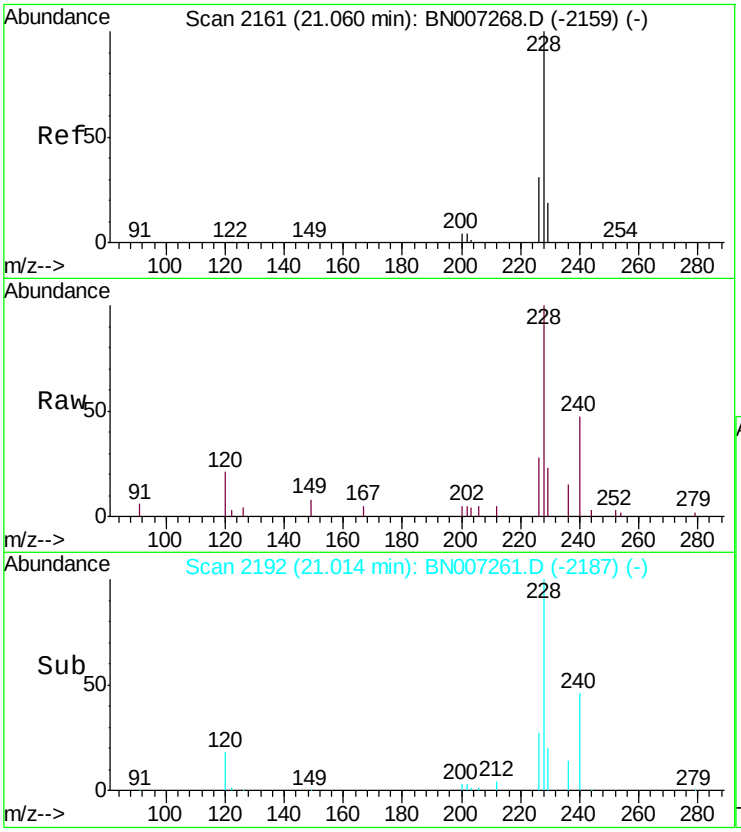


#30
Benzo(a)anthracene
Concen: 0.118 ng
RT: 21.01 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:228 Resp: 8267

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.6	30.8
229	23.4	16.9	25.3



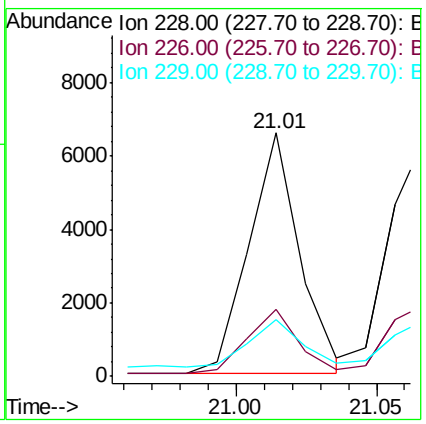


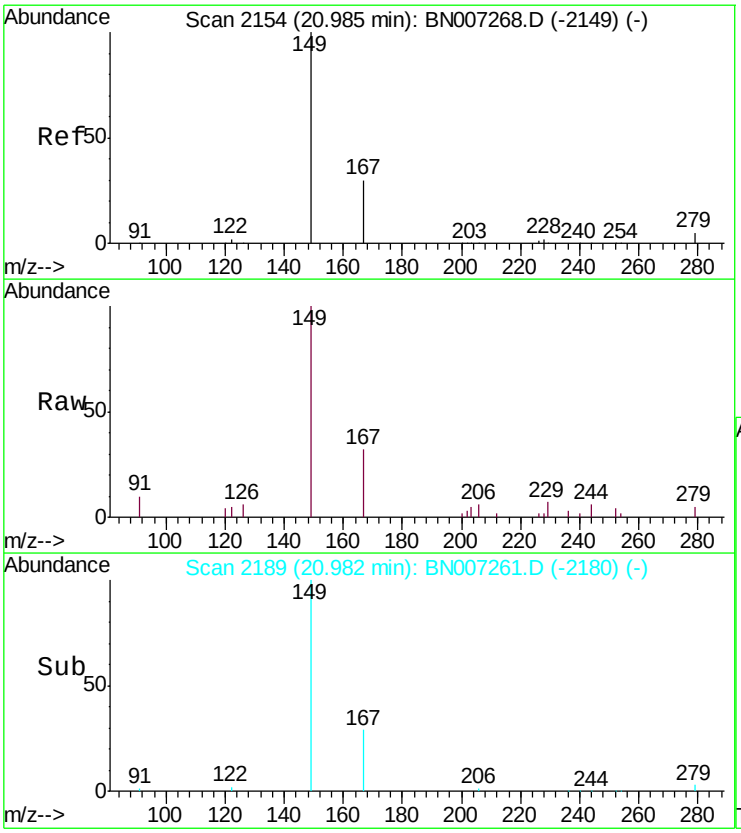
#31
Chrysene
Concen: 0.105 ng
RT: 21.01 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8246

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.6	36.8
229	23.4	15.6	23.4

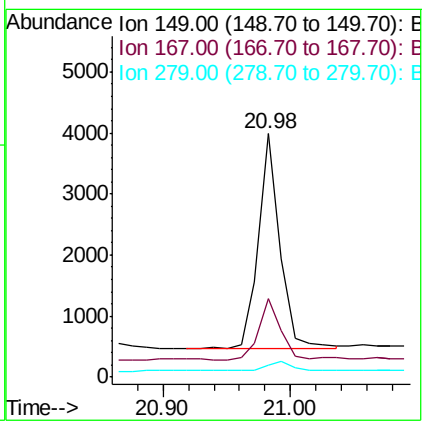


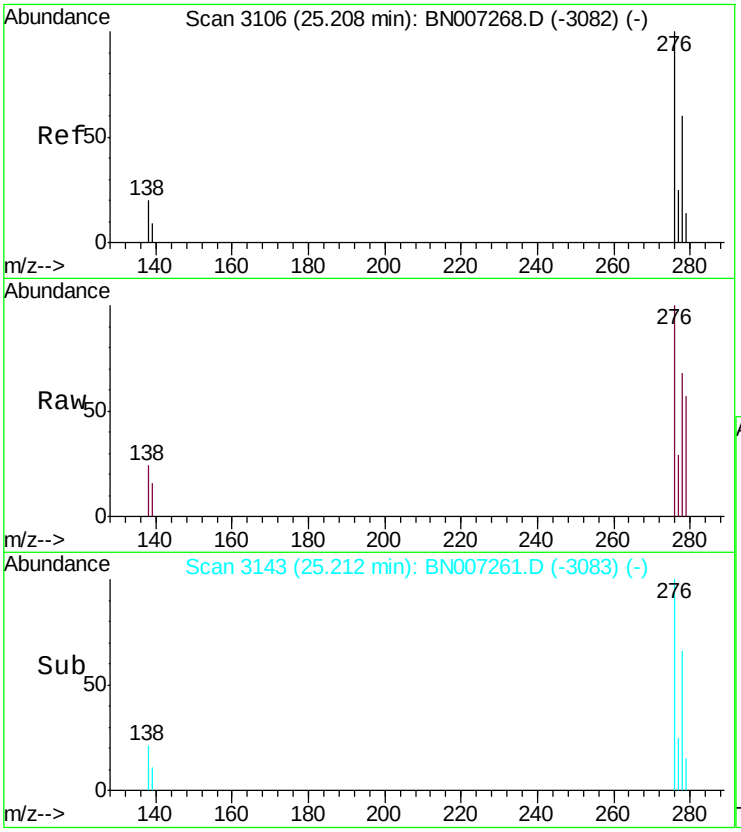


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 20.98 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:149 Resp: 4202

Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.8	35.6
279	5.2	3.8	5.8



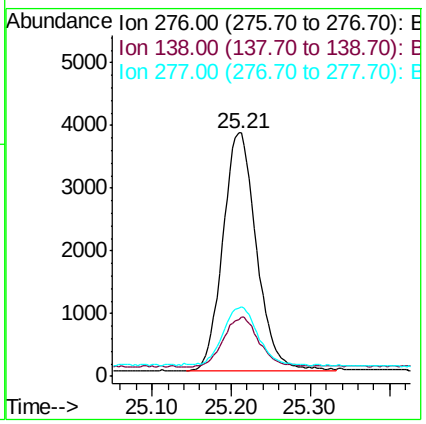


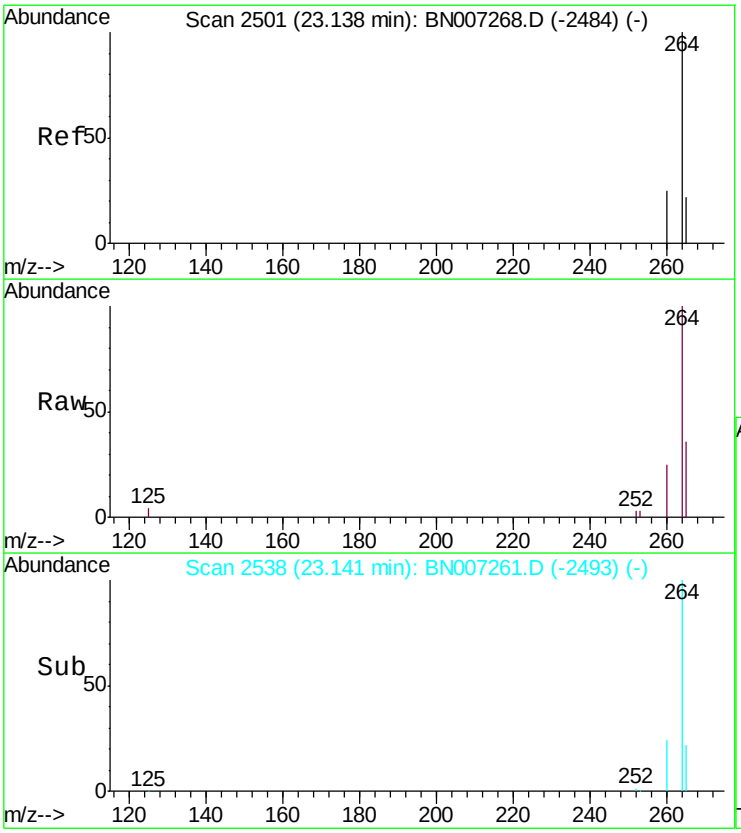
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng
RT: 25.21 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11237

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.1	25.7
277	25.4	20.1	30.1

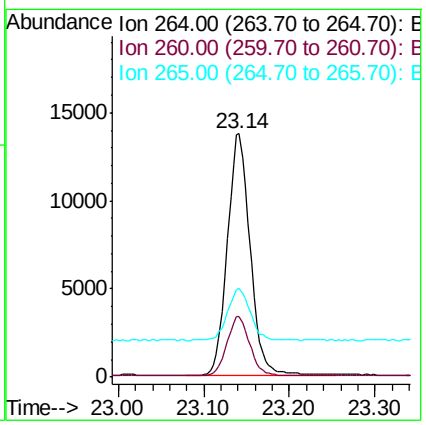


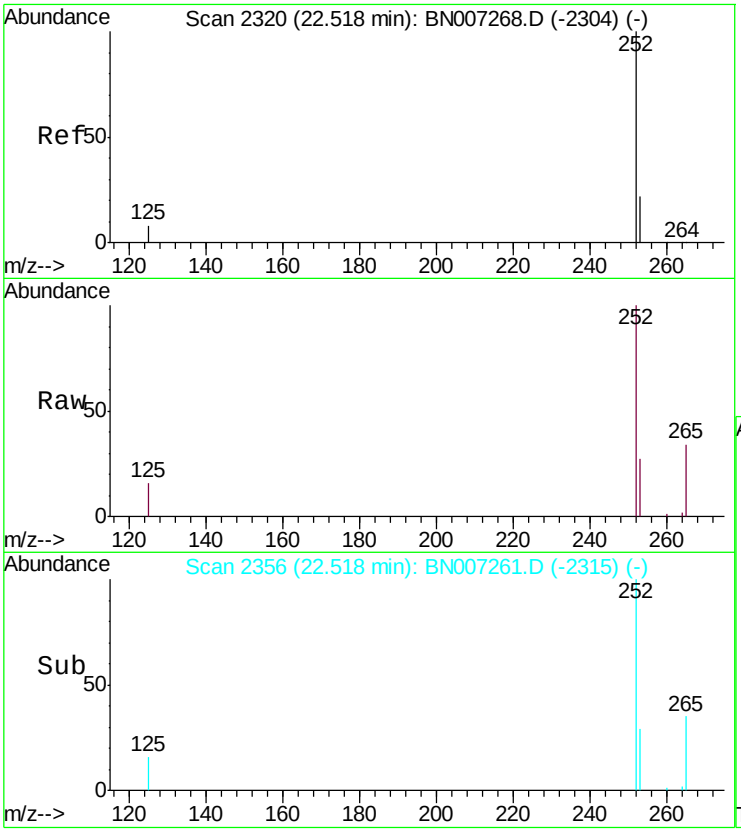


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:264 Resp: 25404

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	36.5	29.0	43.6



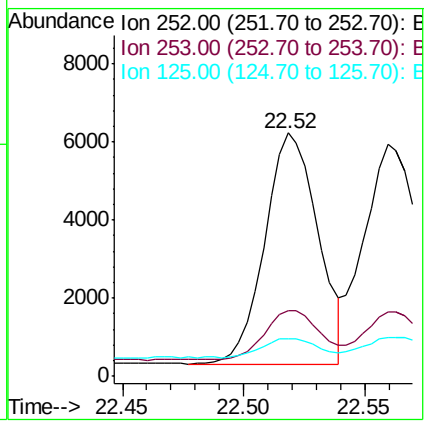


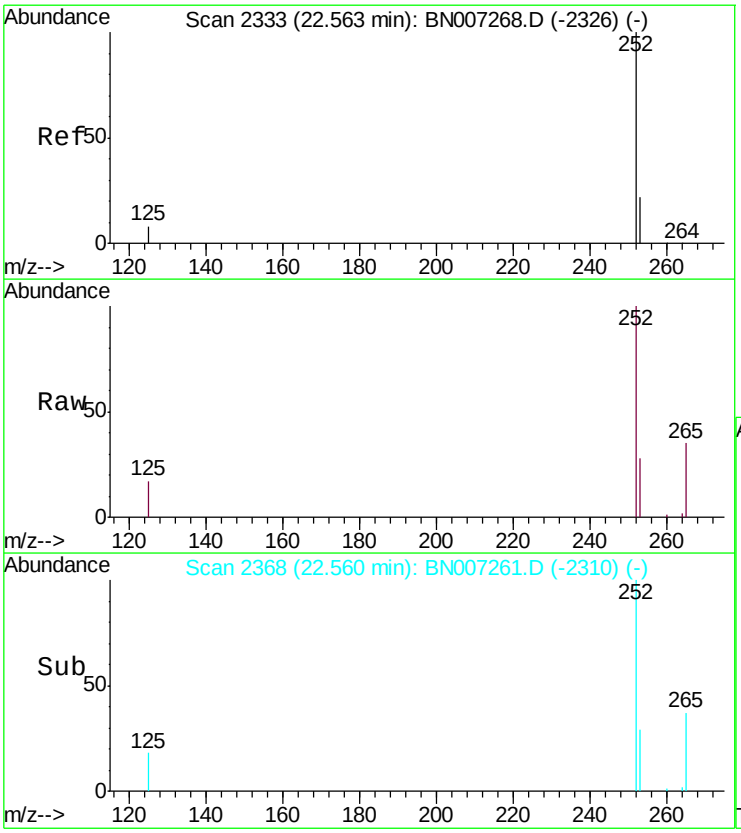
#35
Benzo(b)fluoranthene
Concen: 0.113 ng
RT: 22.52 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9039

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	15.5	7.8	11.6#

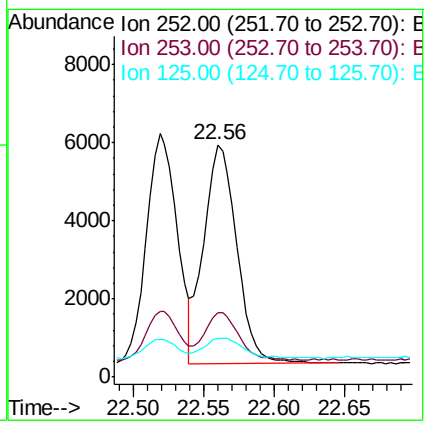


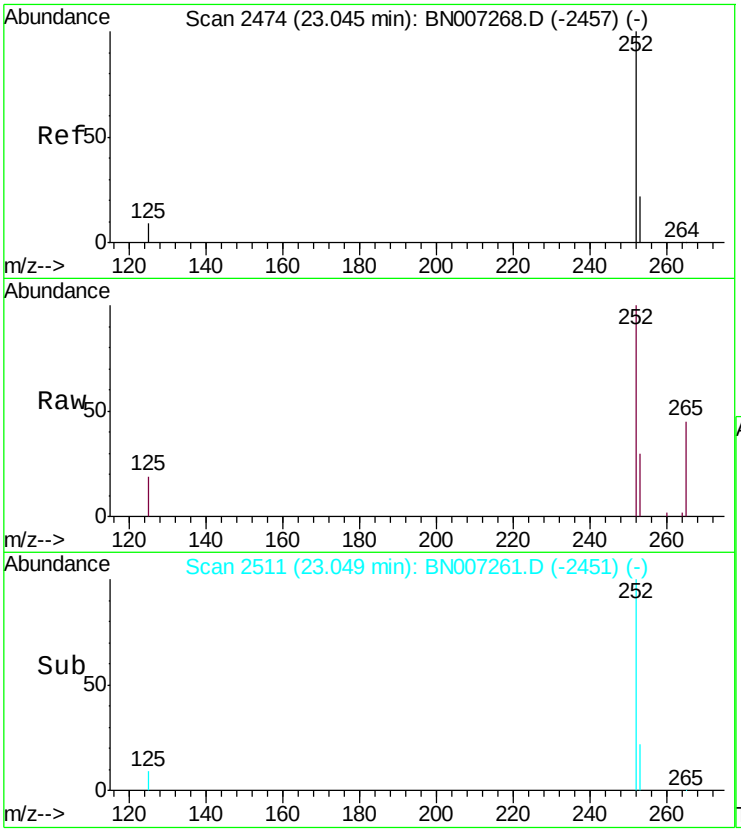


#36
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 22.56 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:252 Resp: 9199

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6
125	16.6	8.0	12.0#



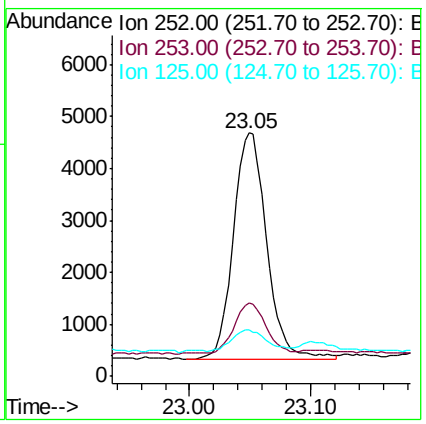


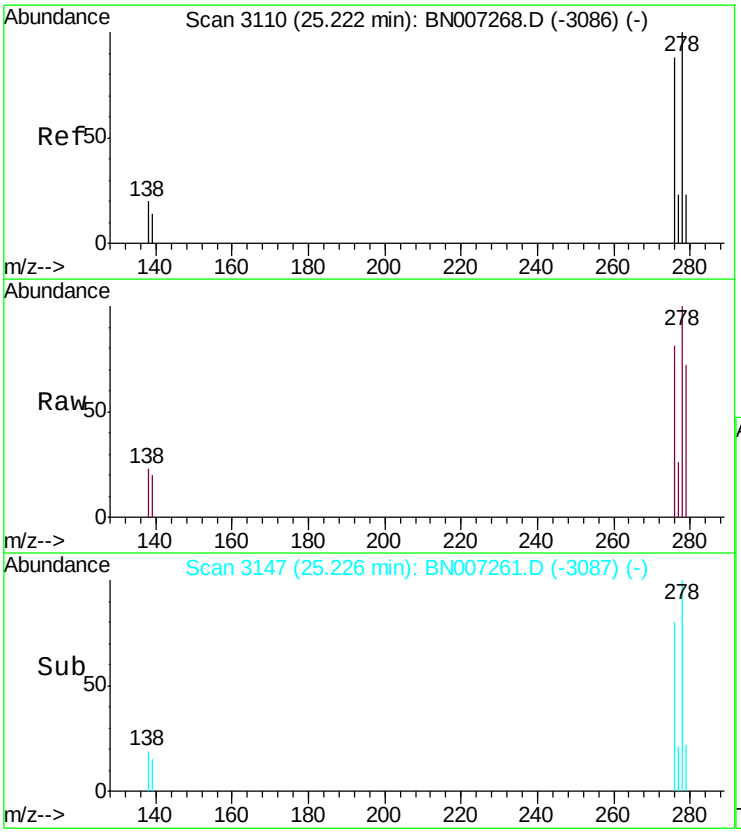
#37
Benzo(a)pyrene
Concen: 0.106 ng
RT: 23.05 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8242

Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.7	28.1#
125	19.2	8.7	13.1#

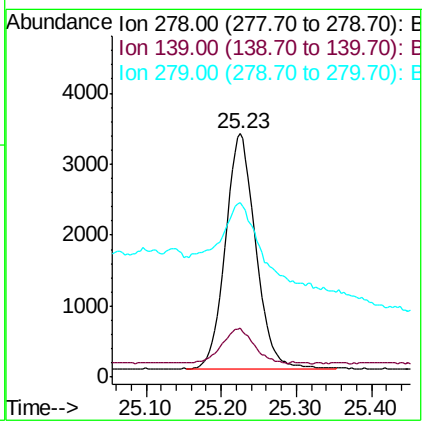


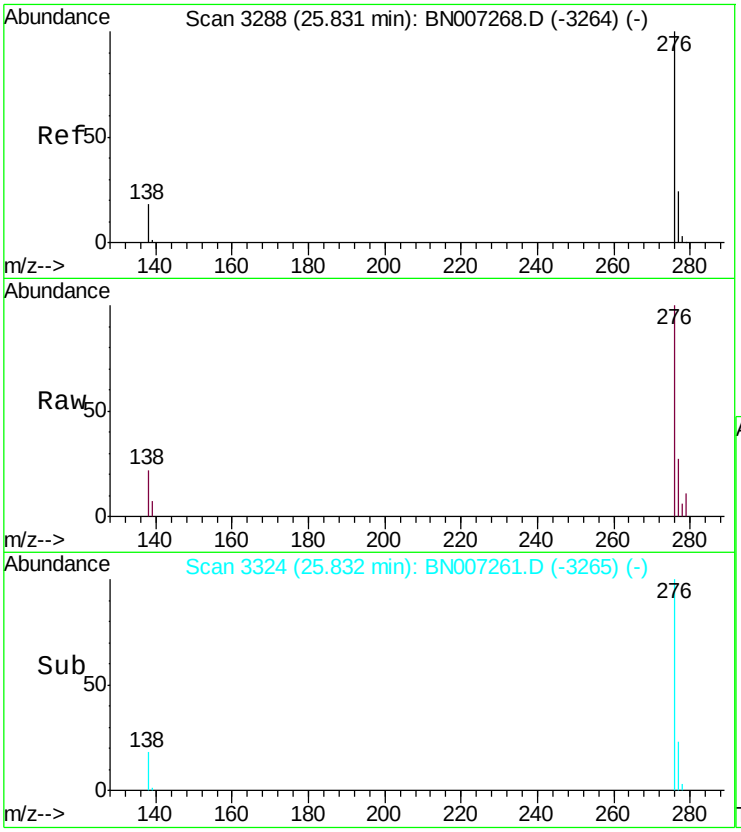


#38
Dibenzo(a,h)anthracene
Concen: 0.117 ng
RT: 25.23 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:278 Resp: 9095

Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.8	17.8#
279	71.9	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.112 ng
RT: 25.83 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 9197

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.5	29.3
138	22.2	15.3	22.9