Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
Data File : BN007356.D
Acq On : 24 Aug 2019 08:50
Operator : HP/JU
Sample : K4239-18 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-034-SW091-080519DL

Quant Time: Aug 24 22:49:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5952	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	25195	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	14039	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	30859	0.40	ng		0.00
27) Chrysene-d12	21.02	240	30053	0.40	ng		0.00
34) Perylene-d12	23.13	264	34340	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	388	-0.01	ng		0.00
5) Phenol-d6	6.60	99	462	-0.01	ng		0.00
8) Nitrobenzene-d5	8.54	82	481	0.02	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	799	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	145	0.02	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	1019	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	1931	0.02	ng		0.00
29) Terphenyl-d14	19.46	244	1703	0.02	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	5941	0.083	ng		96
12) 2-Methylnaphthalene	11.84	142	5074	0.103	ng		99
16) Acenaphthylene	13.76	152	35461	0.427	ng		98
17) Acenaphthene	14.11	154	5242	0.108	ng		98
18) Fluorene	15.10	166	11329	0.184	ng	#	83
23) Phenanthrene	16.84	178	351682	3.789	ng		99
24) Anthracene	16.93	178	47067	0.504	ng		98
26) Fluoranthene	18.87	202	453373	3.804	ng		99
28) Pyrene	19.24	202	739974	6.121	ng		97
30) Benzo(a)anthracene	21.00	228	330090	2.797	ng		94
31) Chrysene	21.06	228	367599	3.227	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	3817	0.031	ng		98
33) Indeno(1,2,3-cd)pyrene	25.18	276	150641	1.098	ng		97
35) Benzo(b)fluoranthene	22.66	252	37440	0.301	ng		95
36) Benzo(k)fluoranthene	22.66	252	37221	0.303	ng		93
37) Benzo(a)pyrene	23.17	252	43840	0.370	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	47861	0.405	ng	#	92
39) Benzo(g,h,i)perylene	25.82	276	182335	1.549	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
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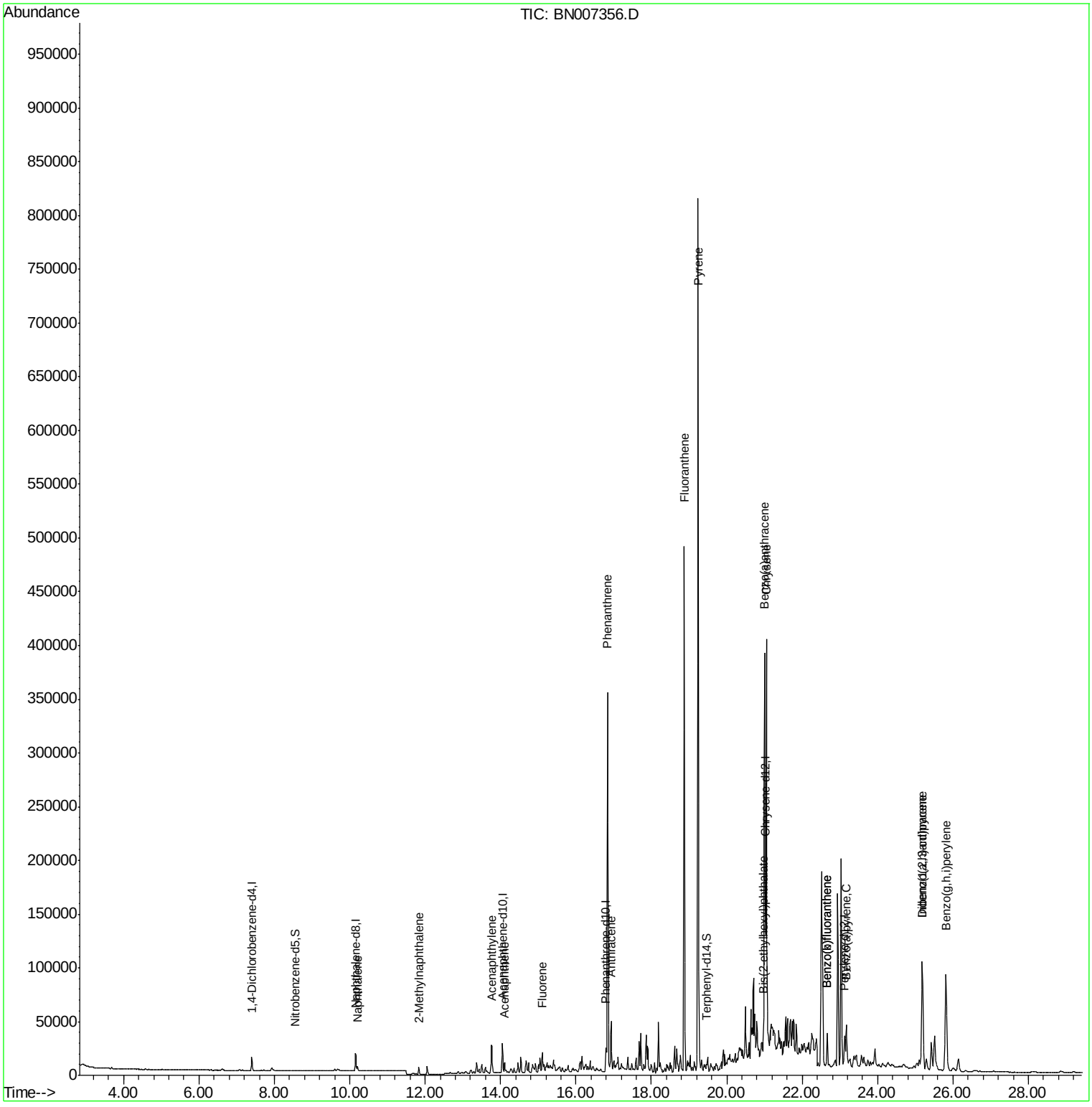
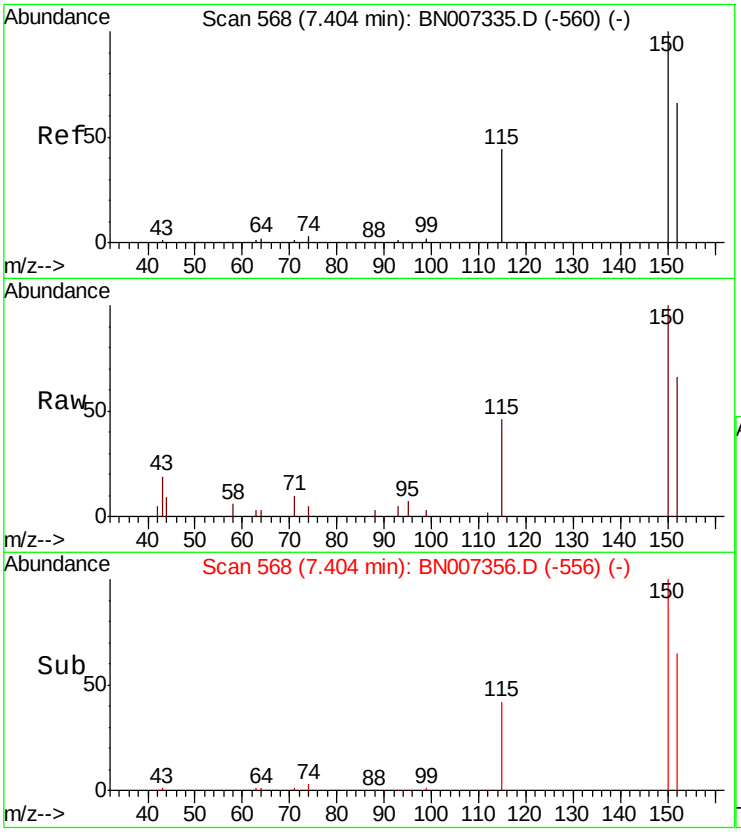


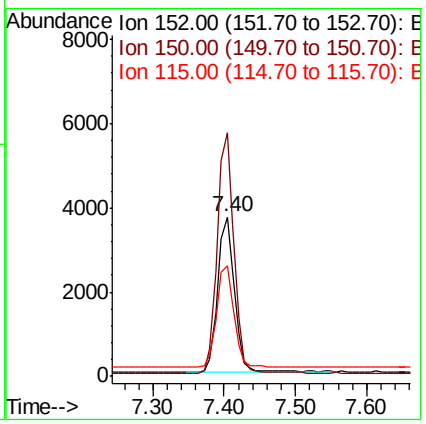


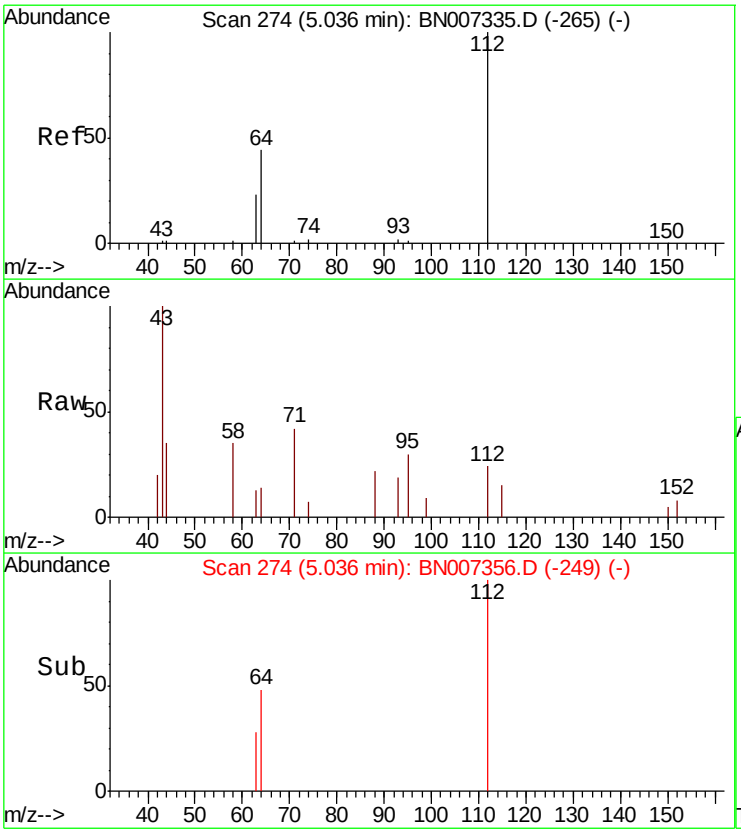
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:152 Resp: 5952

Ion	Ratio	Lower	Upper
152	100		
150	152.6	109.1	163.7
115	69.6	59.6	89.4

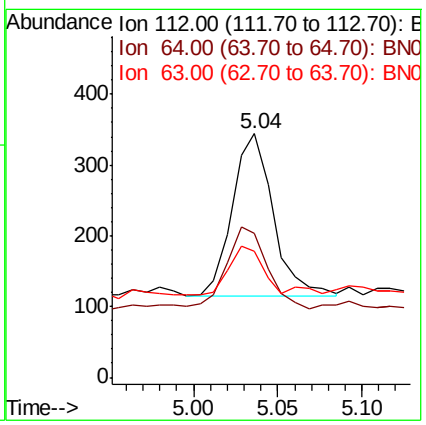


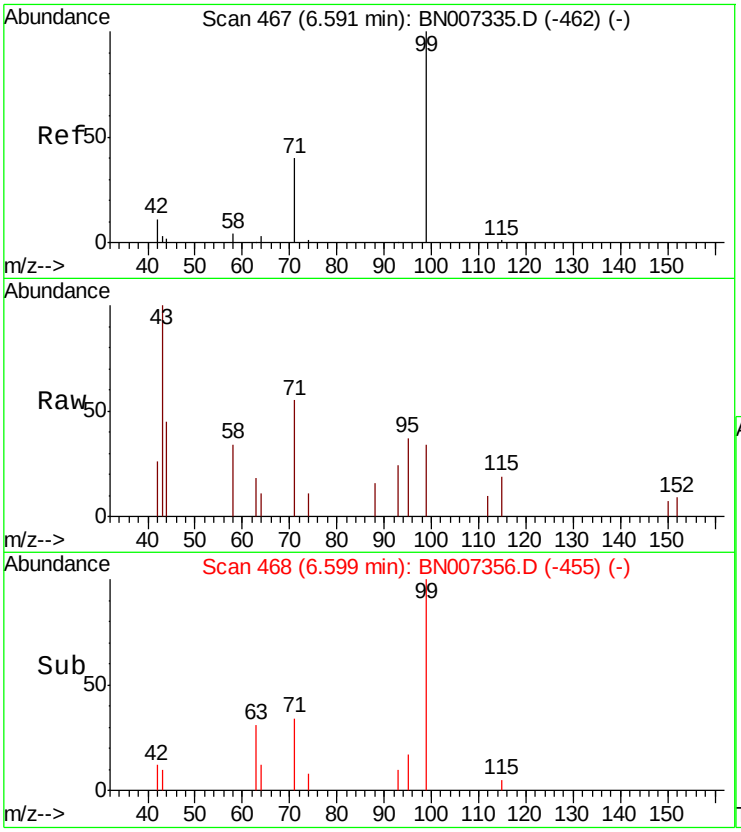


#4
2-Fluorophenol
Concen: -0.010 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:112 Resp: 388

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.3	63.5
63	28.6	23.6	35.4



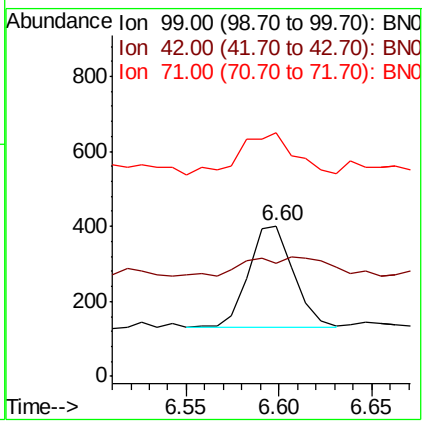


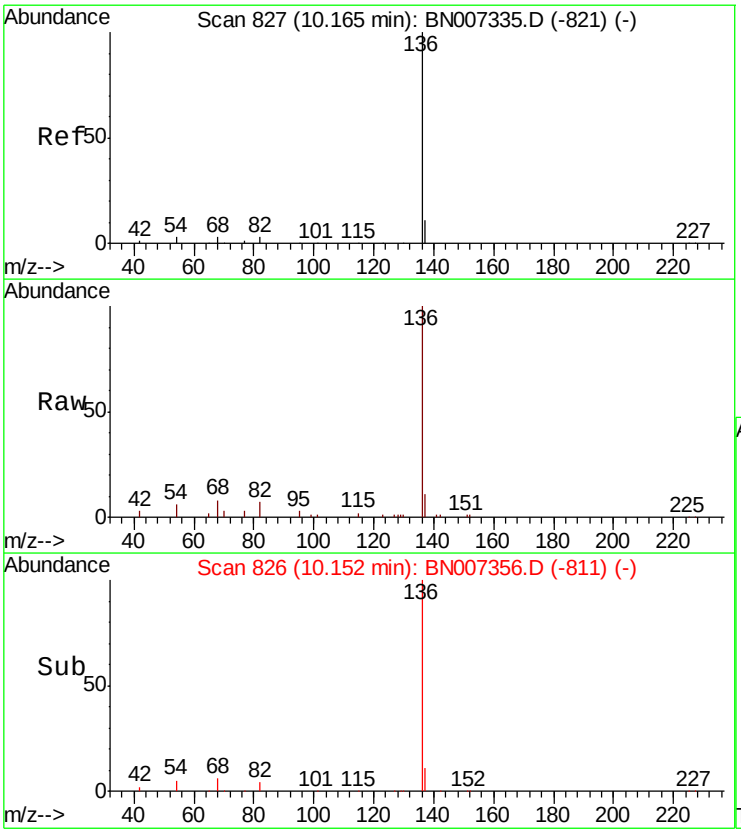
#5
Phenol-d6
Concen: -0.014 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion: 99 Resp: 462

Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.2	16.8
71	51.5	31.8	47.8#

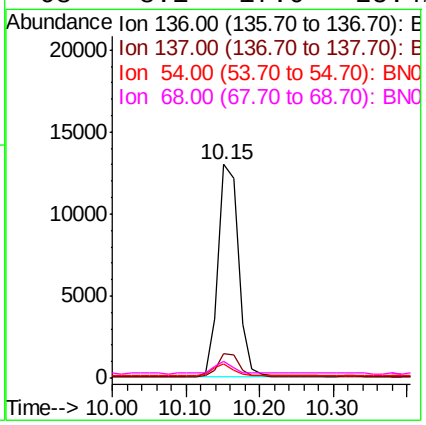


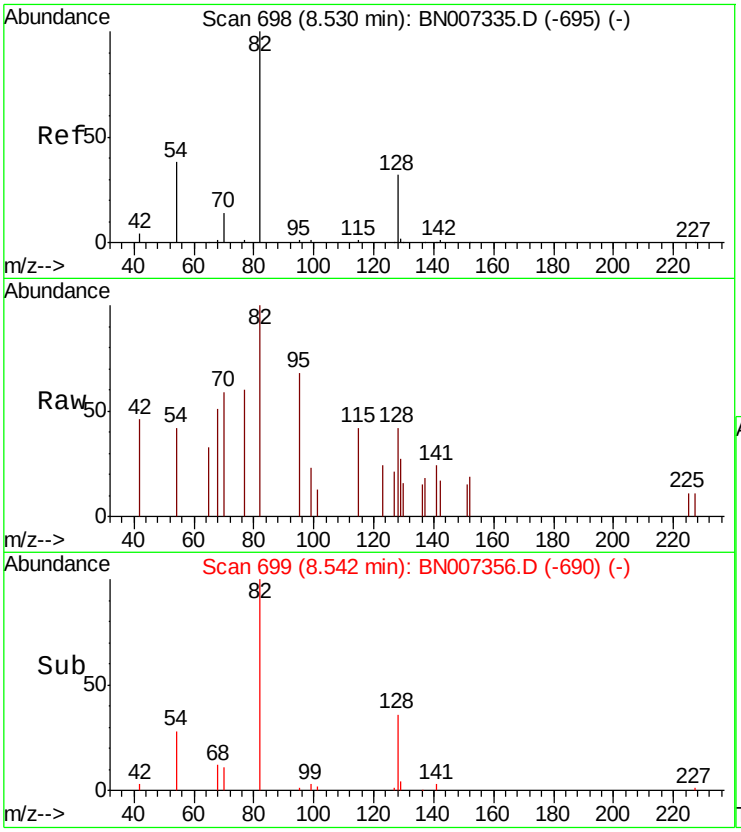


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:136 Resp: 25195

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	6.4	8.6	12.8#
68	8.1	17.0	25.4#



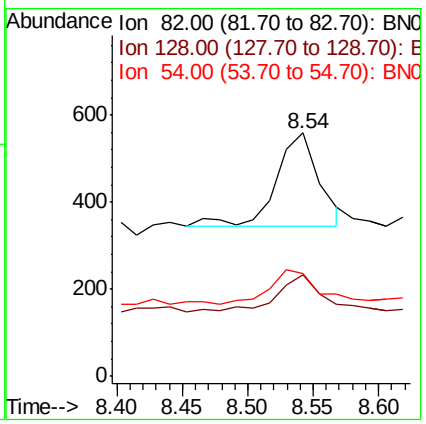


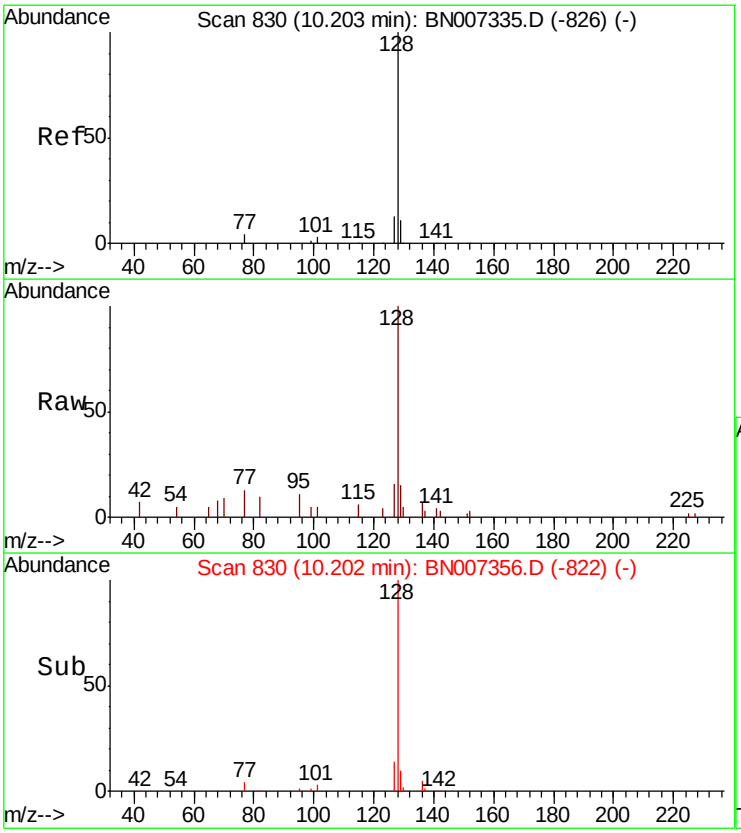
#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion: 82 Resp: 481

Ion	Ratio	Lower	Upper
82	100		
128	41.7	19.7	29.5#
54	42.4	25.8	38.6#

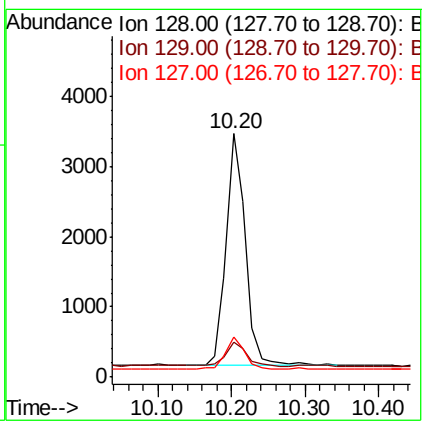


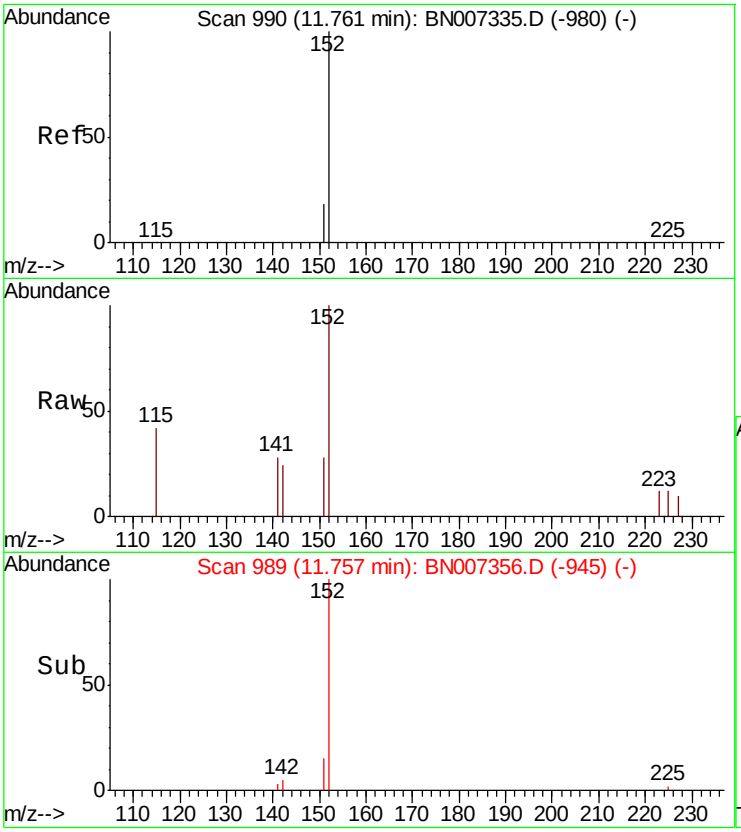


#9
Naphthalene
Concen: 0.083 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:128 Resp: 5941

Ion	Ratio	Lower	Upper
128	100		
129	14.6	11.1	16.7
127	16.5	15.5	23.3



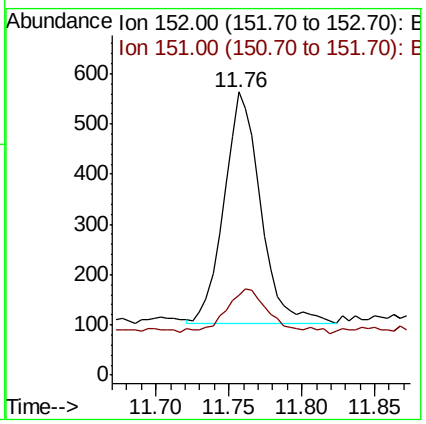


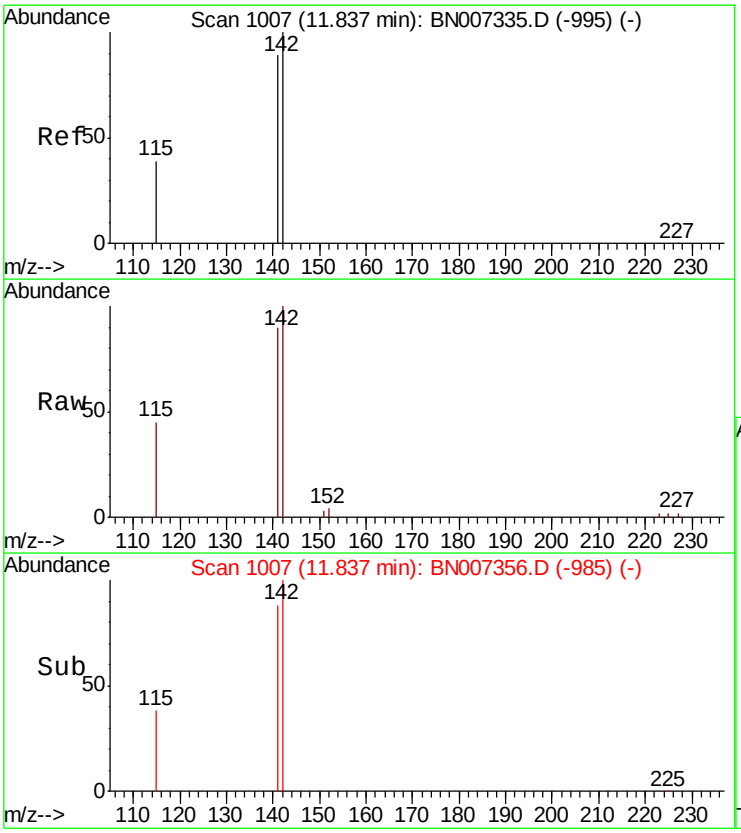
#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:152 Resp: 799

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.2

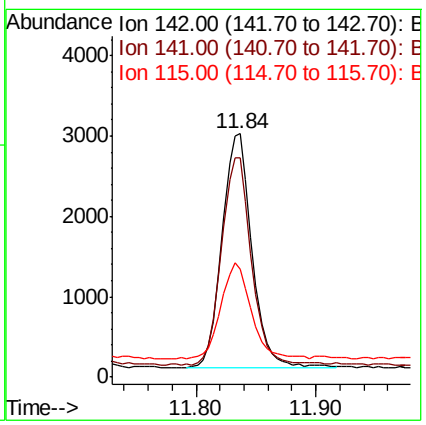


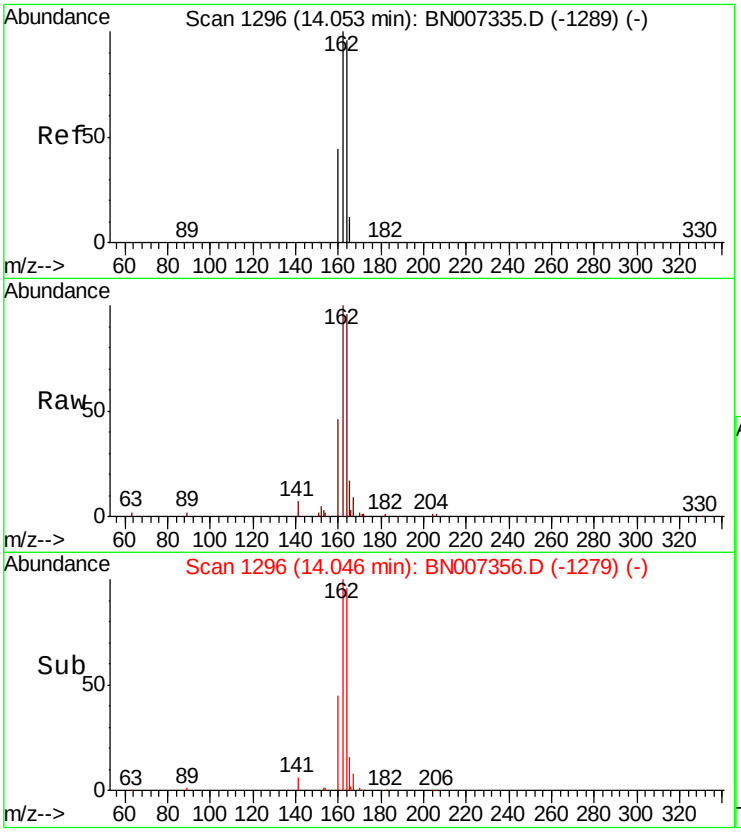


#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:142 Resp: 5074

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
115	44.5	35.2	52.8



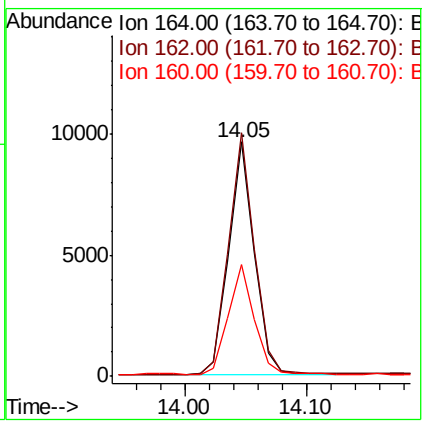


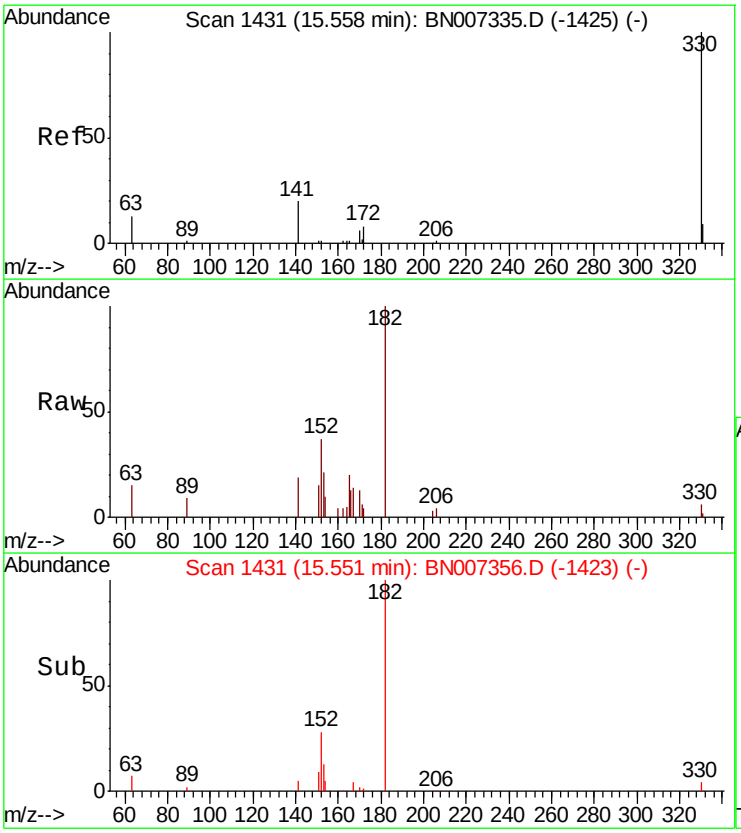
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:164 Resp: 14039

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.5	125.3
160	47.6	38.2	57.4

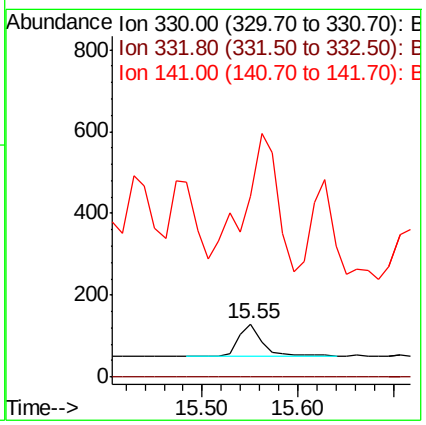


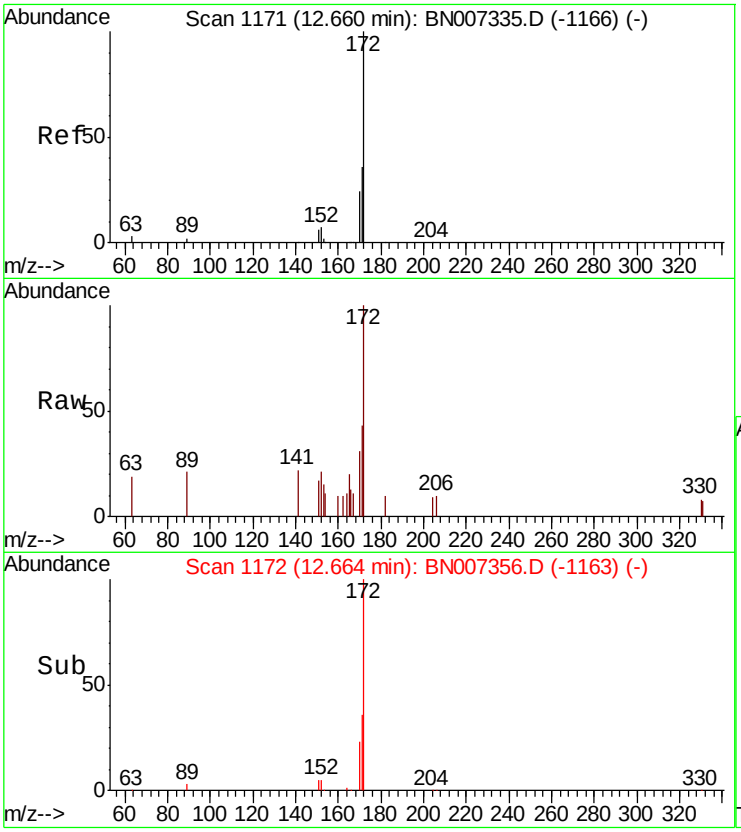


#14
2,4,6-Tribromophenol
Concen: 0.020 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:330 Resp: 145

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	569.0	26.9	40.3#



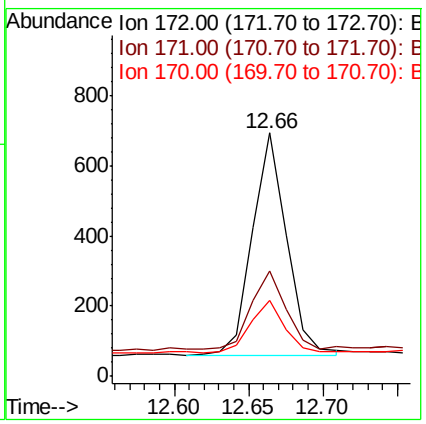


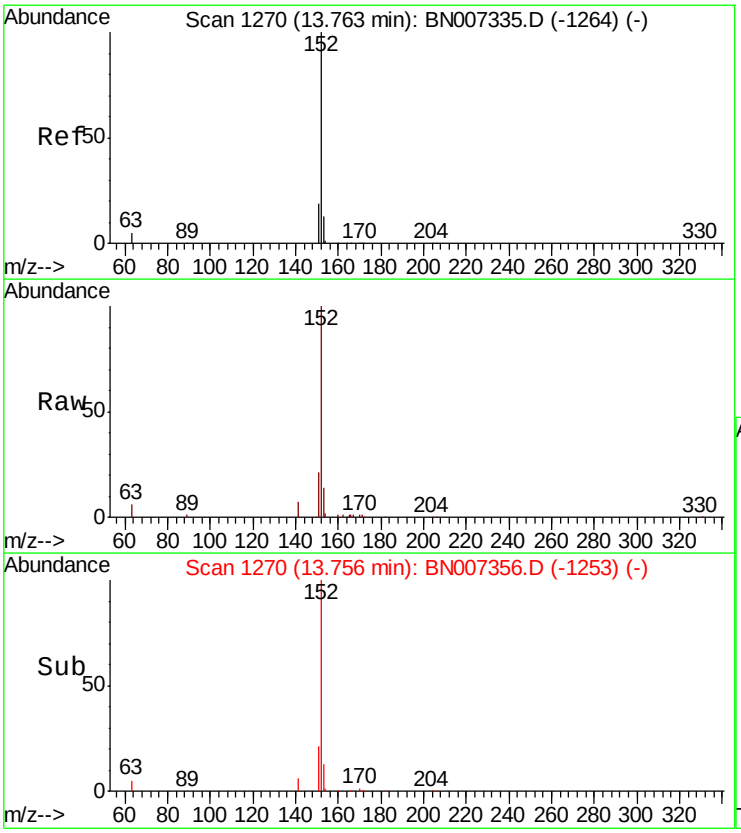
#15
2-Fluorobiphenyl
Concen: 0.018 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:172 Resp: 1019

Ion	Ratio	Lower	Upper
172	100		
171	43.2	30.3	45.5
170	31.1	20.7	31.1#

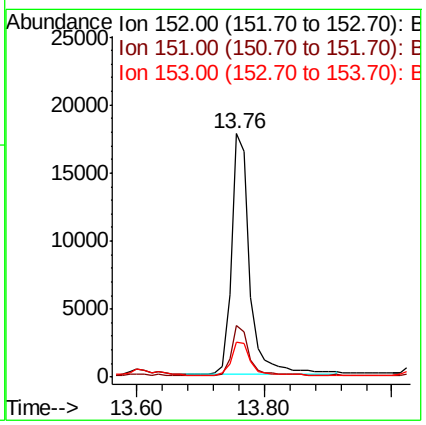


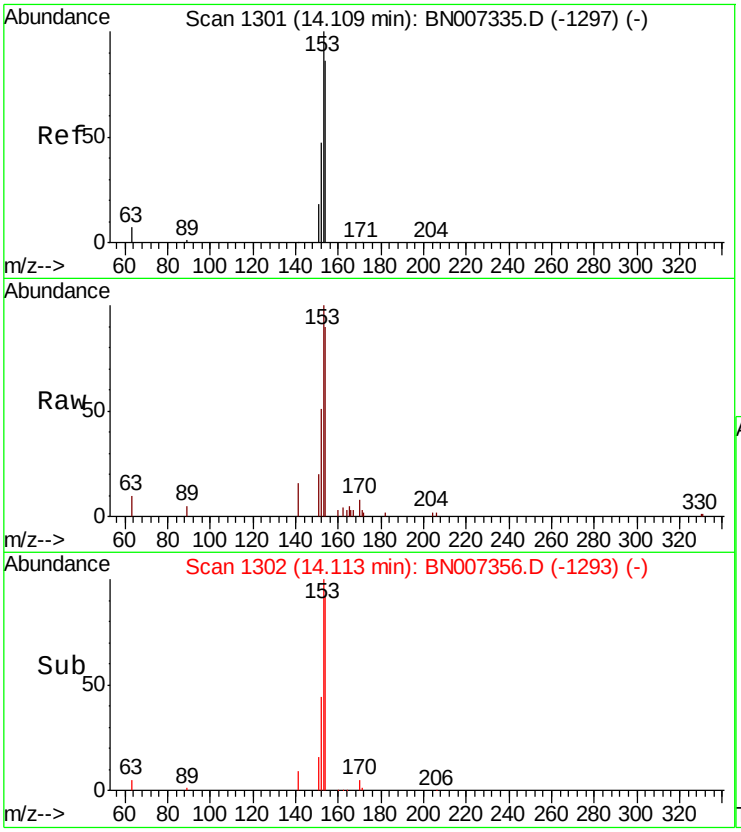


#16
Acenaphthylene
Concen: 0.427 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:152 Resp: 35461

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	14.5	10.6	15.8



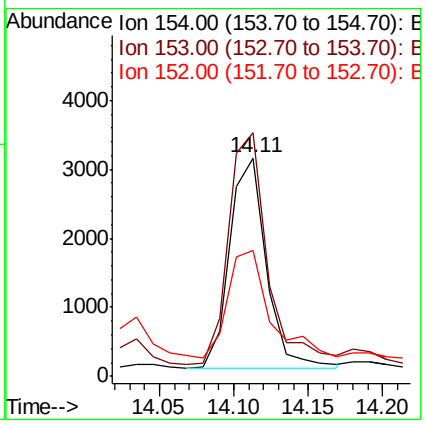


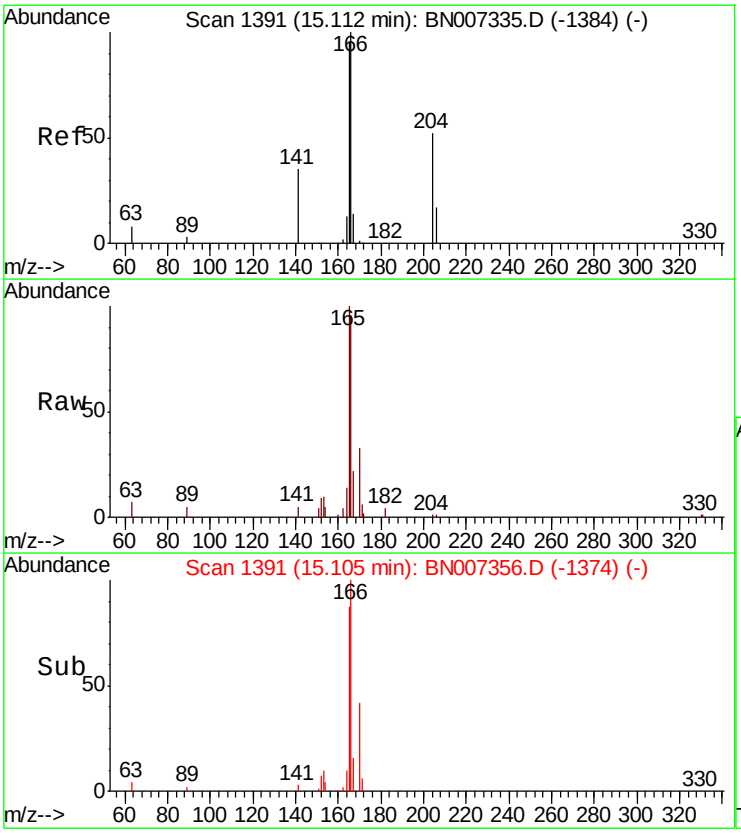
#17
Acenaphthene
Concen: 0.108 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:154 Resp: 5242

Ion	Ratio	Lower	Upper
154	100		
153	117.4	92.8	139.2
152	57.5	43.8	65.8

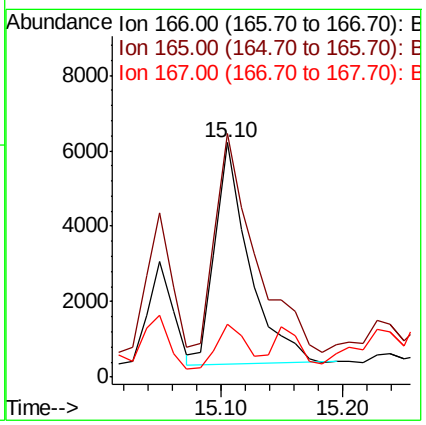


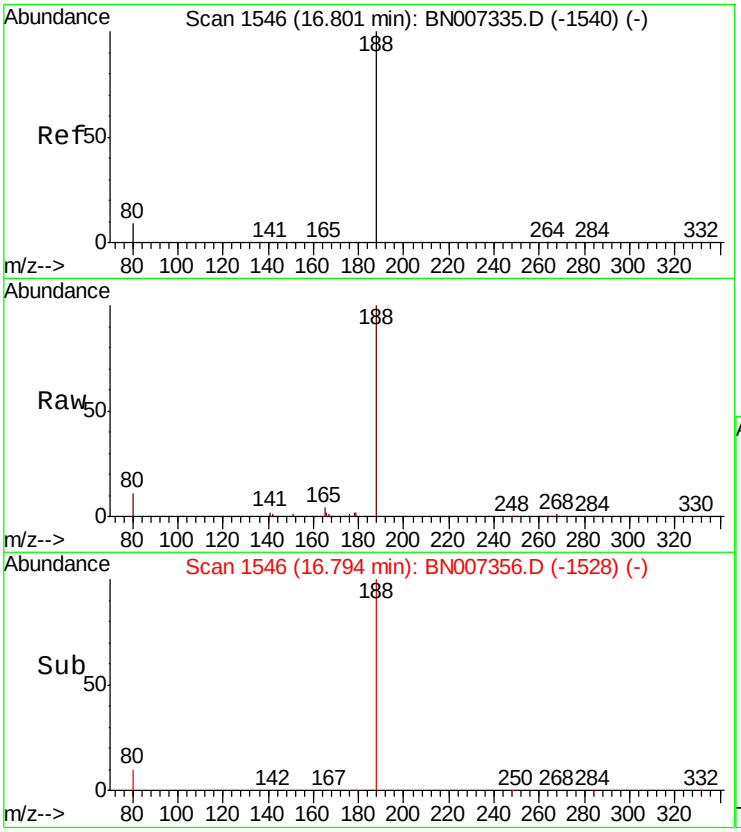


#18
Fluorene
Concen: 0.184 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:166 Resp: 11329

Ion	Ratio	Lower	Upper
166	100		
165	116.9	79.0	118.4
167	16.9	10.6	15.8#



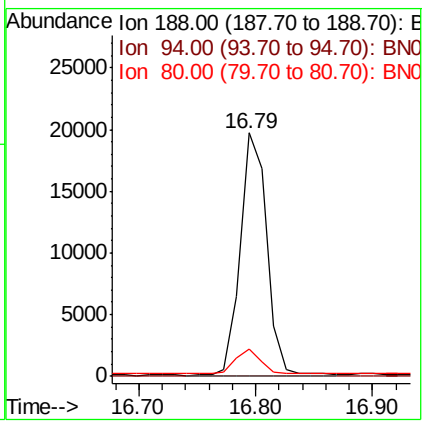


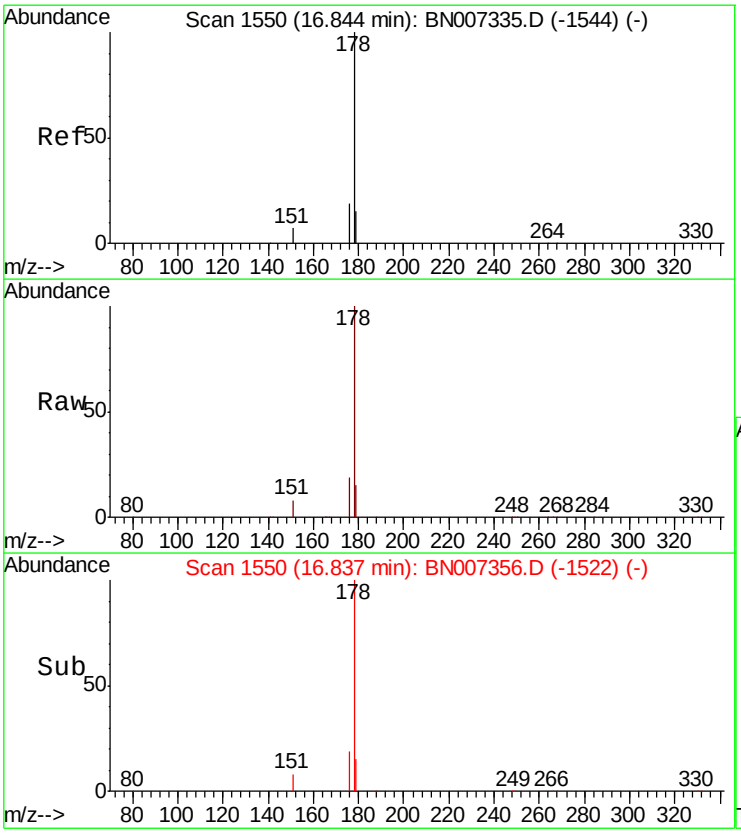
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:188 Resp: 30859

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.8	17.8#

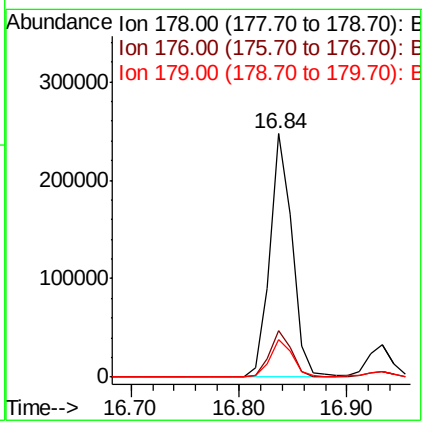


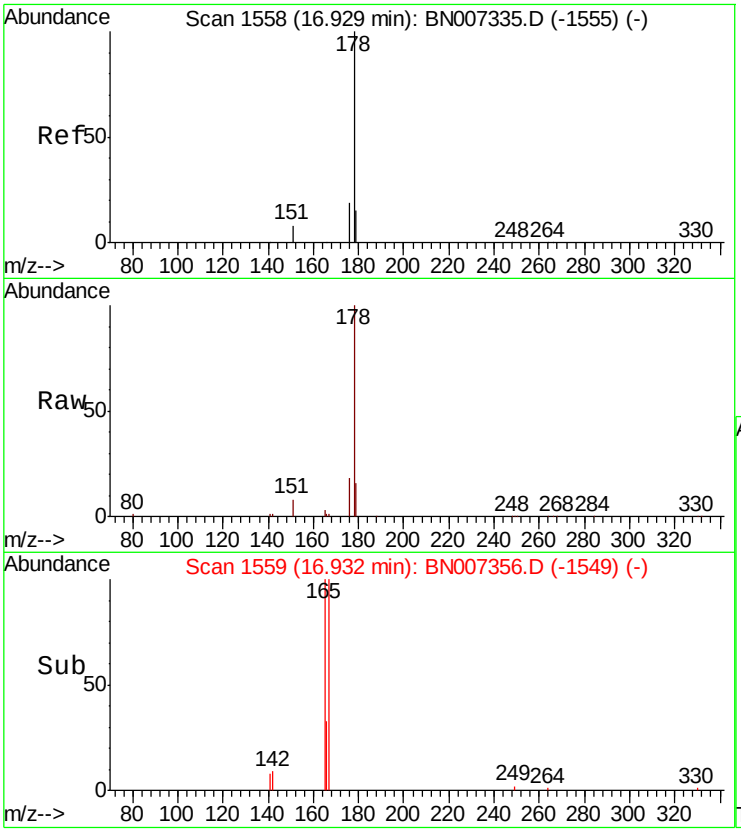


#23
Phenanthrene
Concen: 3.789 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:178 Resp: 351682

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.6	19.0



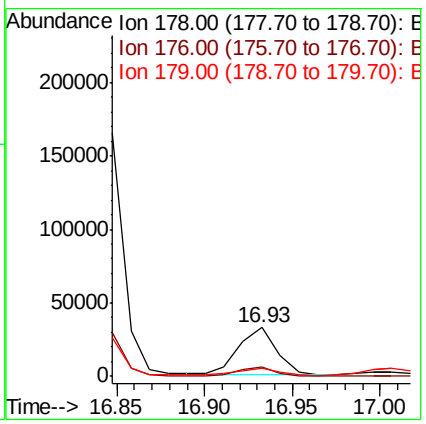


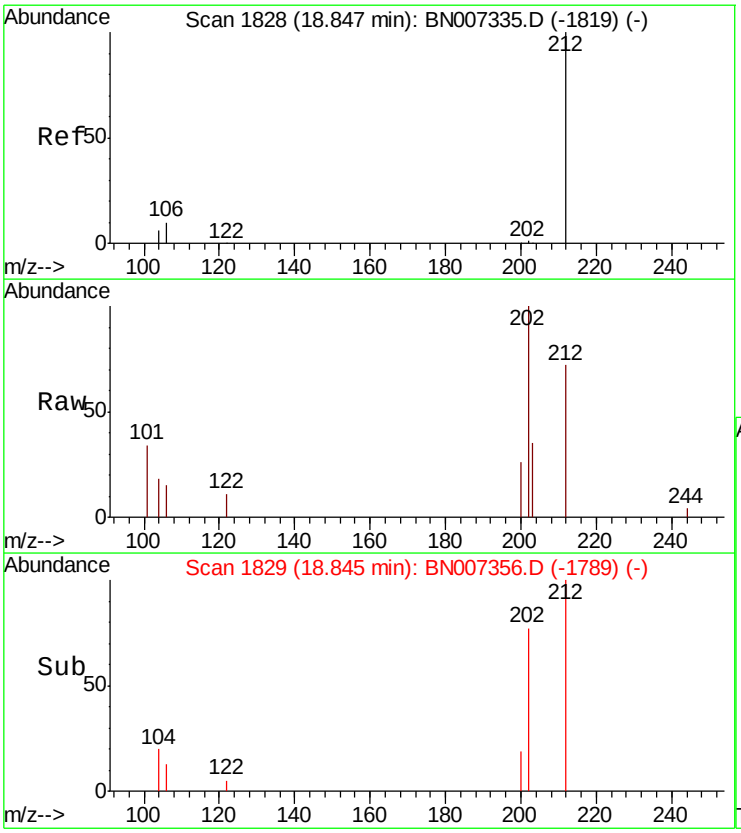
#24
Anthracene
Concen: 0.504 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:178 Resp: 47067

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	17.0	12.4	18.6

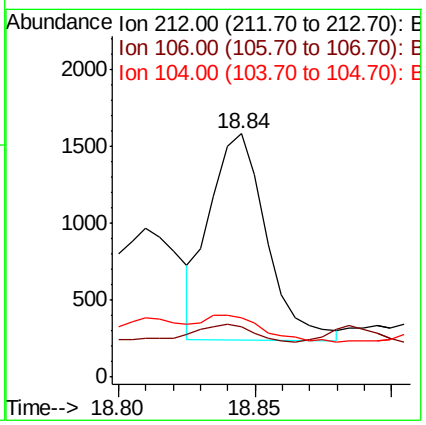


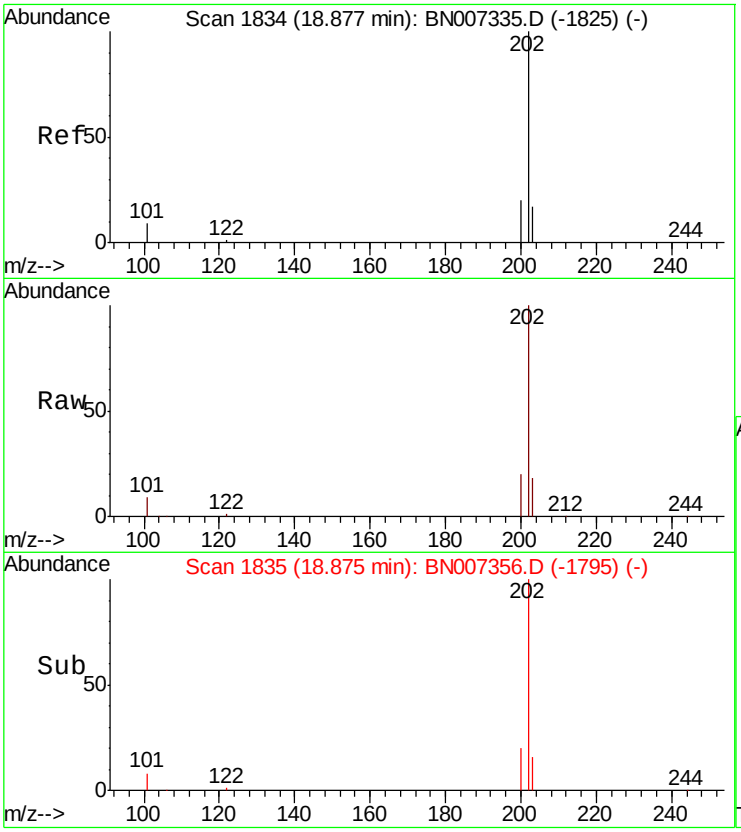


#25
Fluoranthene-d10
Concen: 0.019 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:212 Resp: 1931

Ion	Ratio	Lower	Upper
212	100		
106	13.4	9.0	13.4
104	14.3	5.4	8.2#



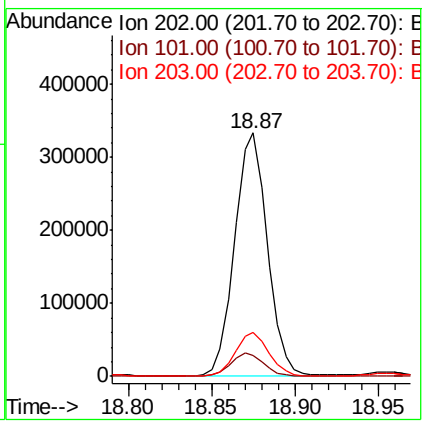


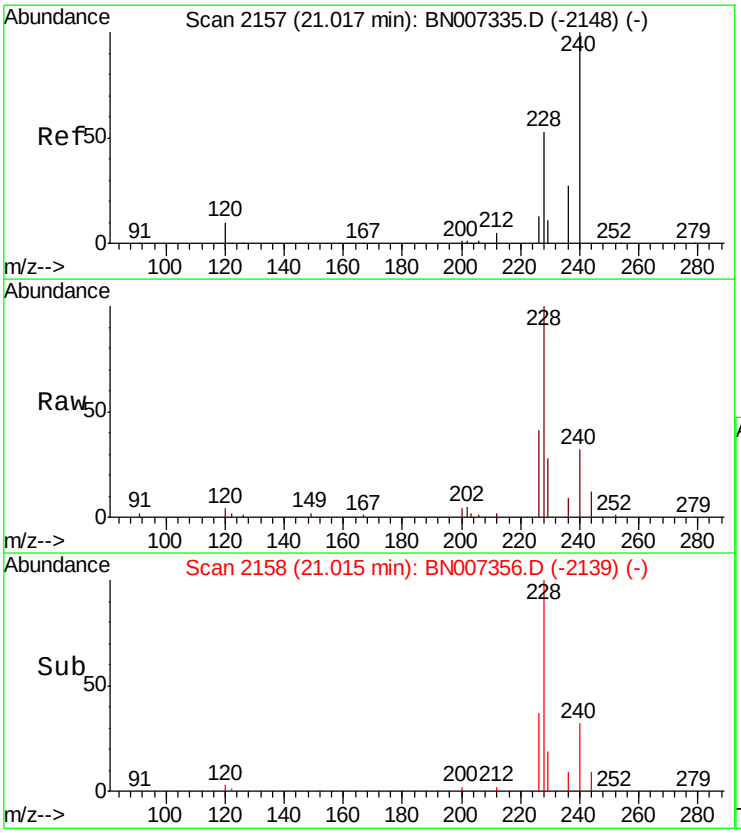
#26
Fluoranthene
Concen: 3.804 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:202 Resp: 453373

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	18.0	13.7	20.5

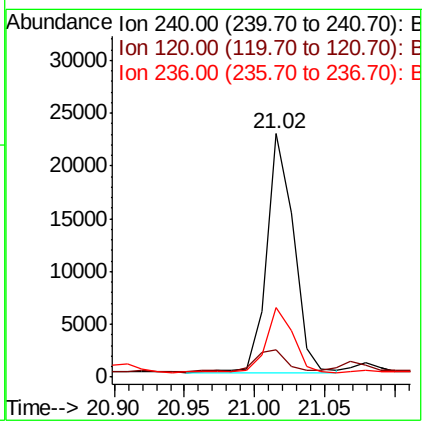


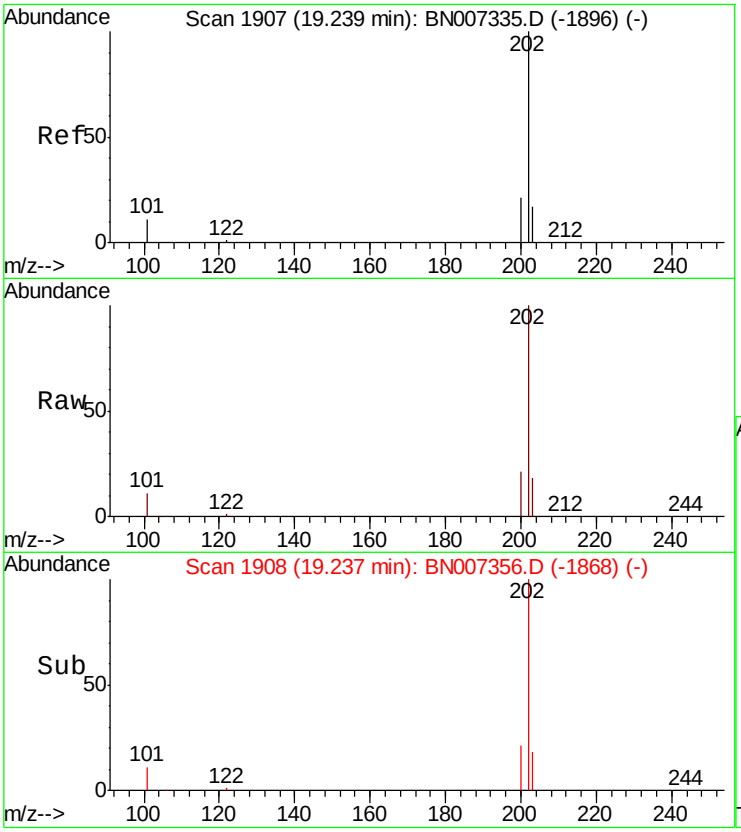


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:240 Resp: 30053

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.8	22.2	33.2



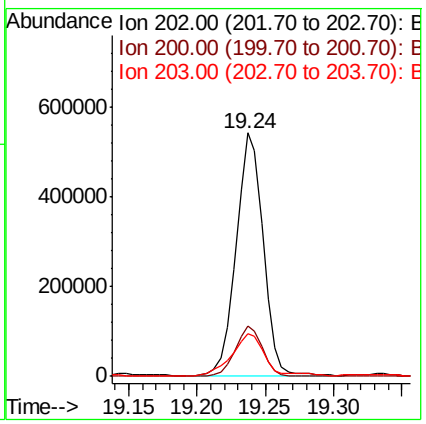


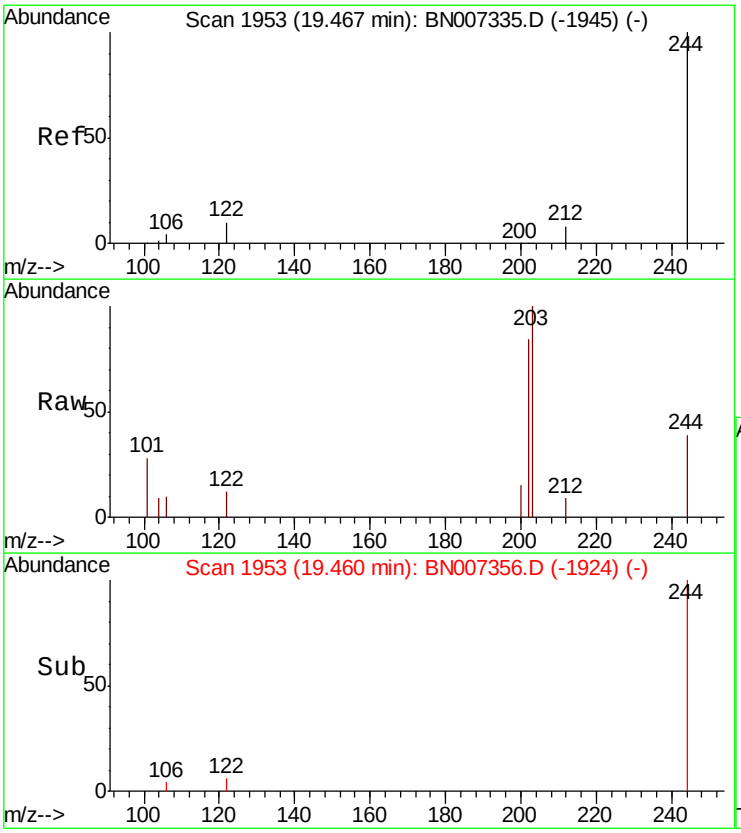
#28
Pyrene
Concen: 6.121 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:202 Resp: 739974

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.4	14.2	21.4

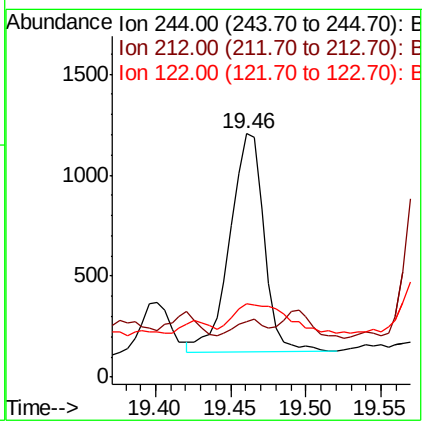


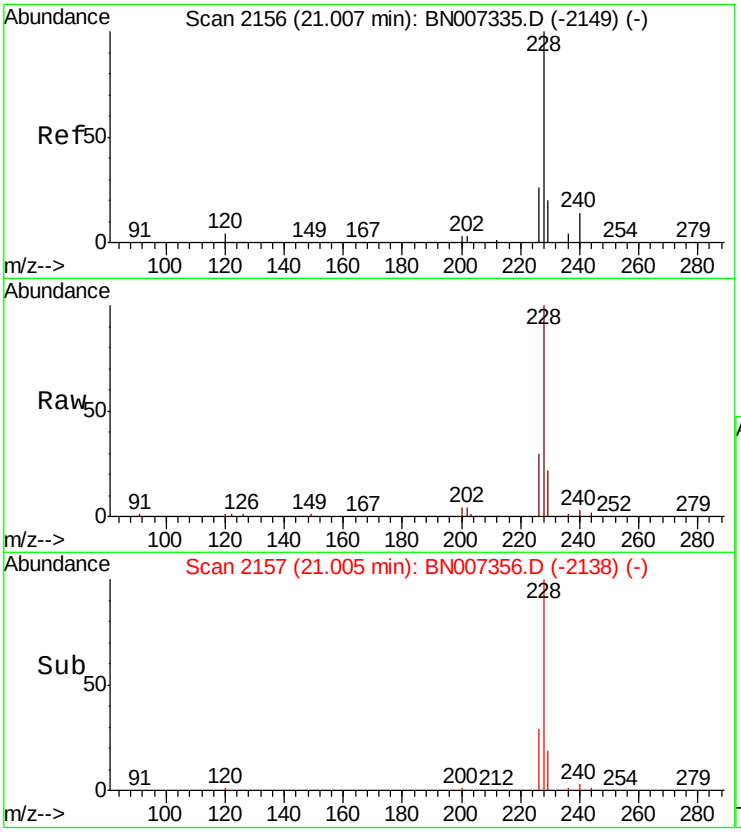


#29
Terphenyl-d14
Concen: 0.022 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:244 Resp: 1703

Ion	Ratio	Lower	Upper
244	100		
212	22.8	7.0	10.6#
122	30.0	9.6	14.4#



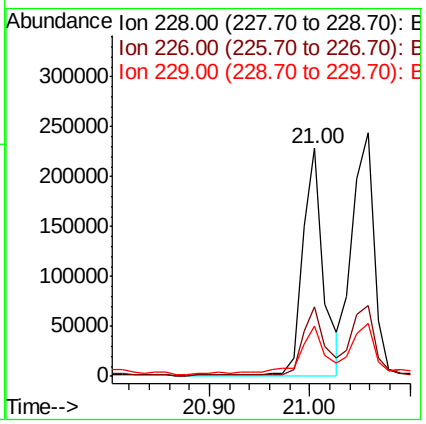


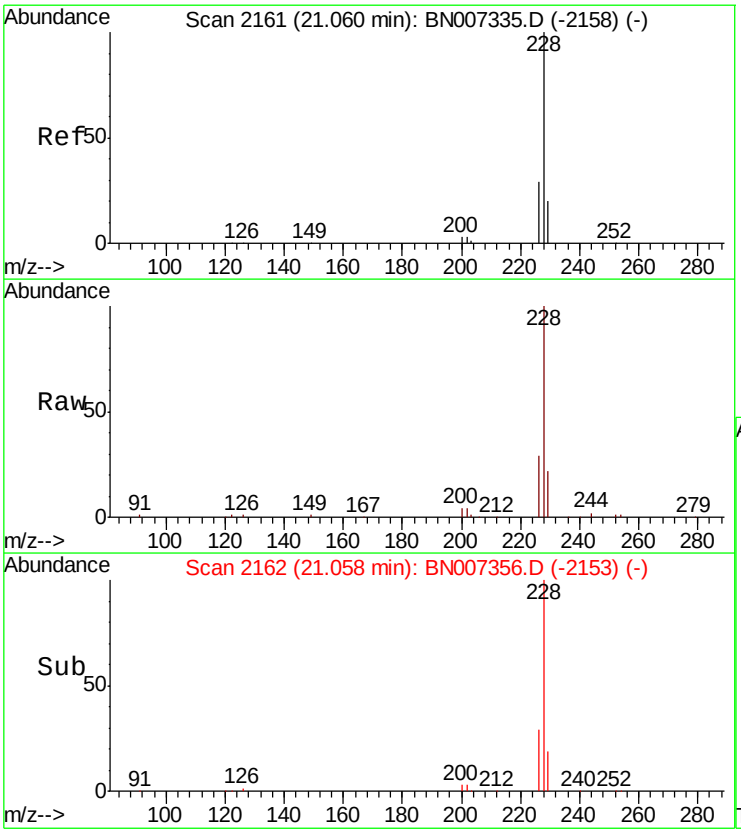
#30
Benzo(a)anthracene
Concen: 2.797 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:228 Resp: 330090

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.3	31.9
229	21.9	16.1	24.1

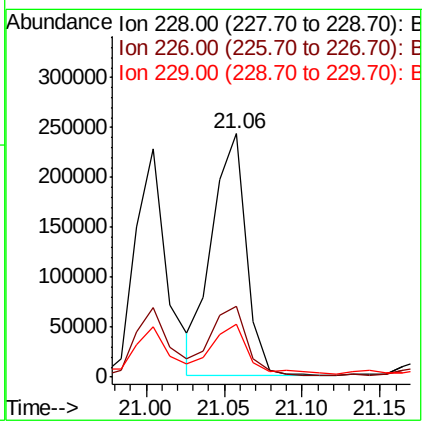


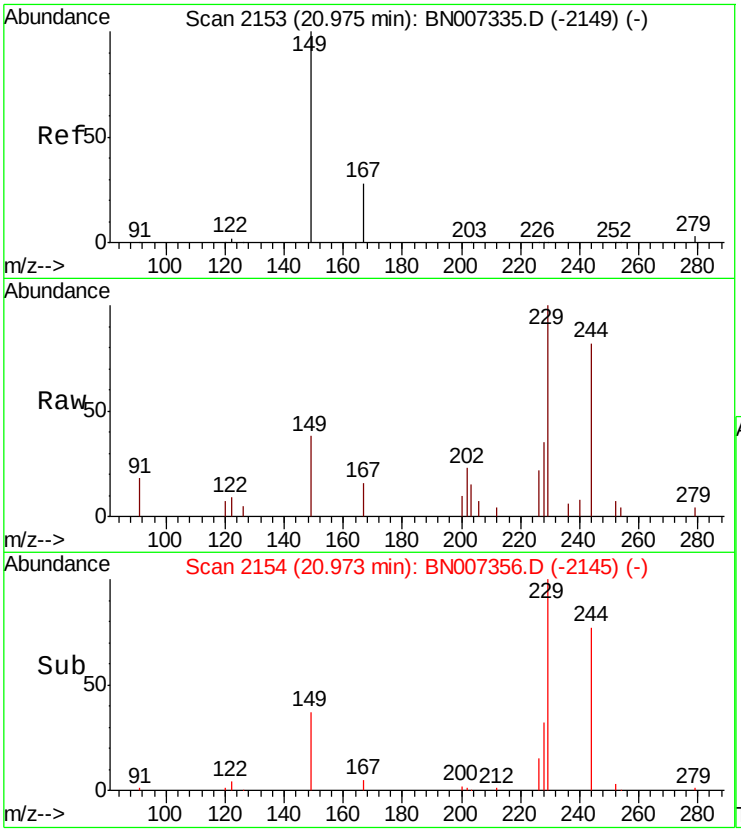


#31
Chrysene
Concen: 3.227 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:228 Resp: 367599

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.6	16.6	24.8



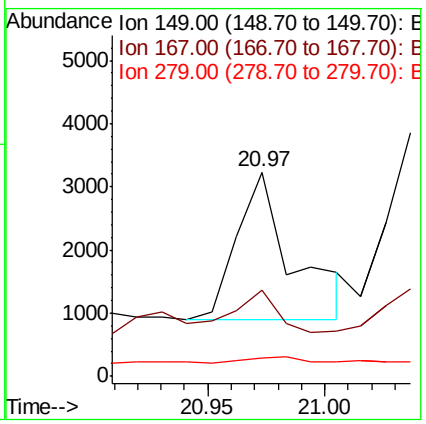


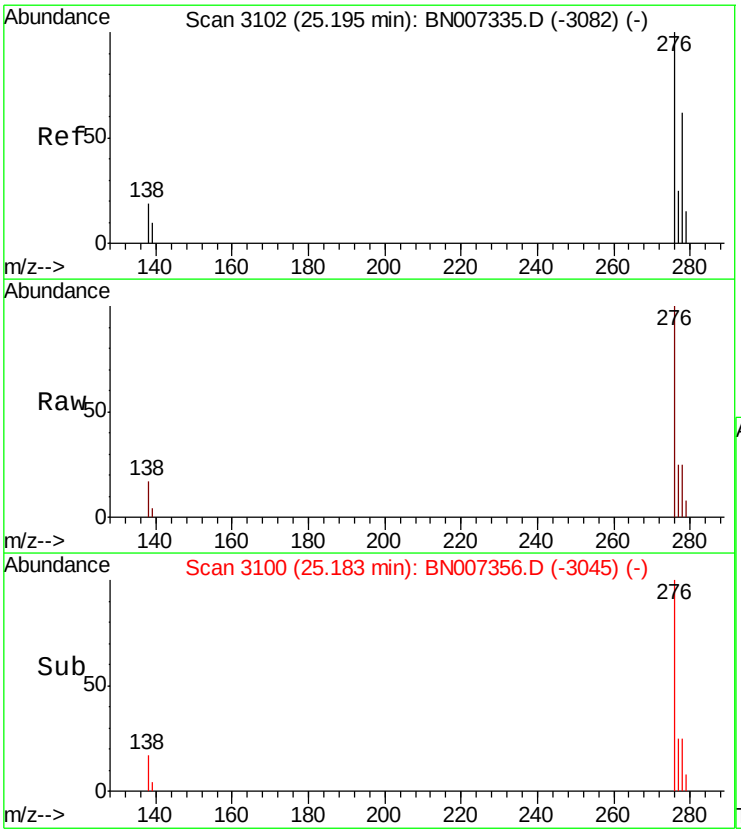
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:149 Resp: 3817

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.8	34.2
279	3.9	3.5	5.3

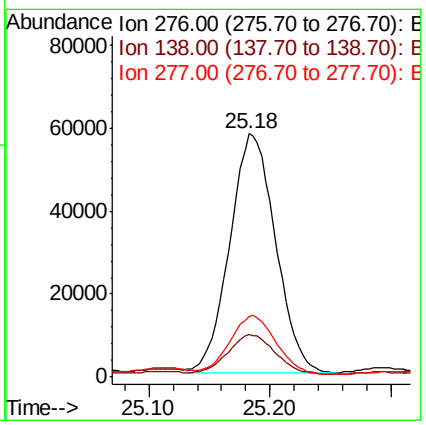


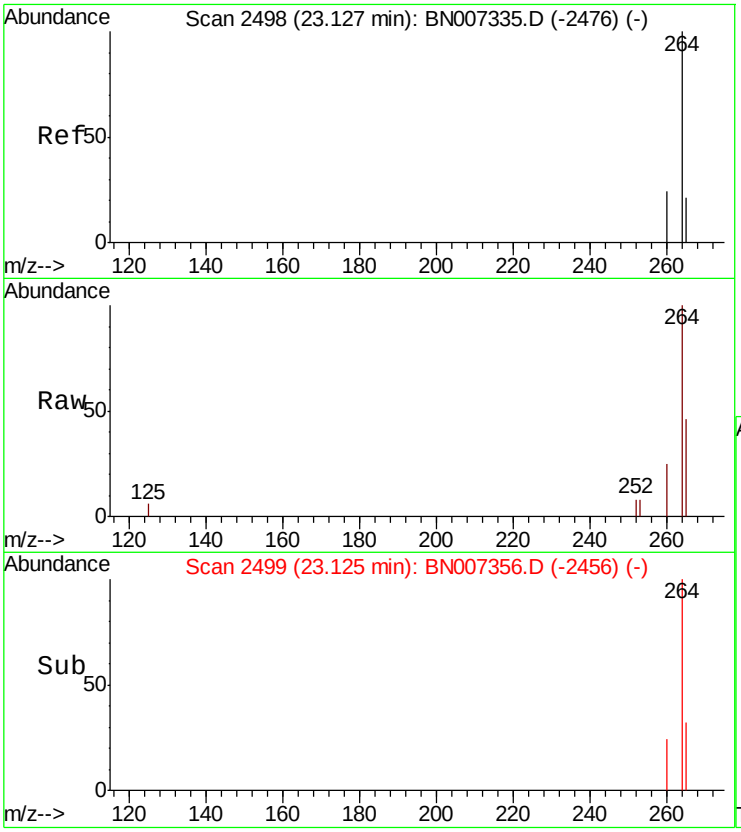


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.098 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:276 Resp: 150641

Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
277	25.7	19.7	29.5



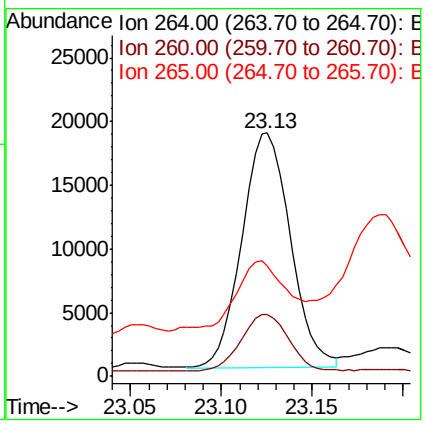


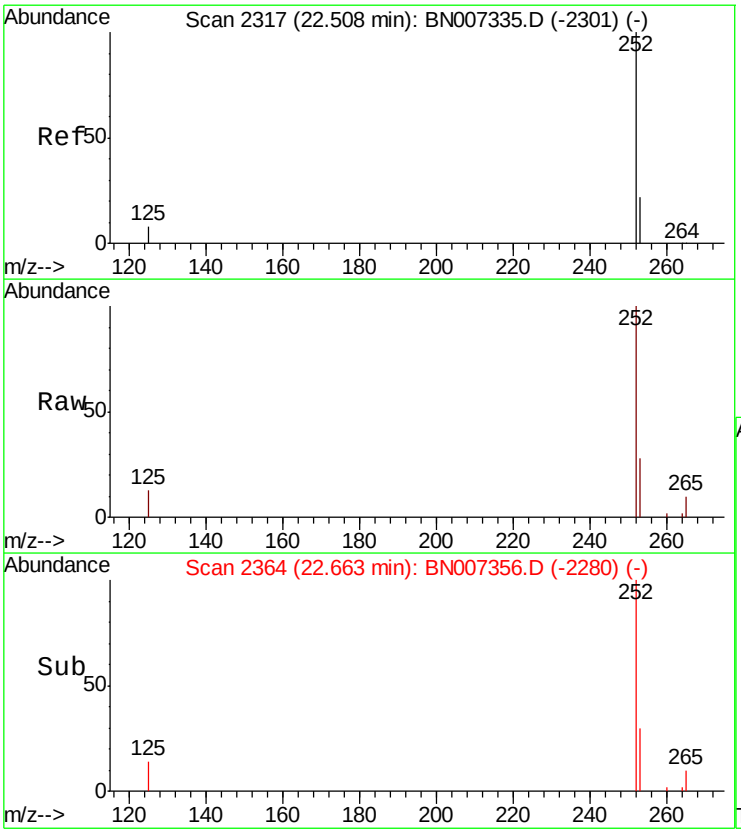
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:264 Resp: 34340

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.7	29.5
265	45.6	29.9	44.9#

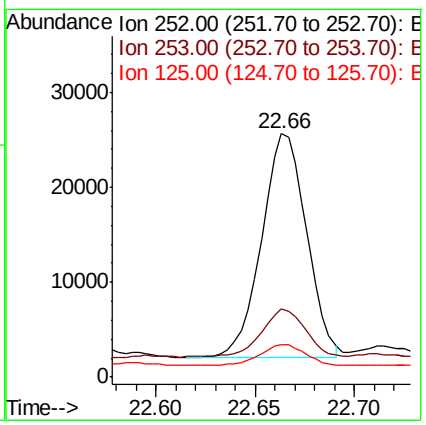


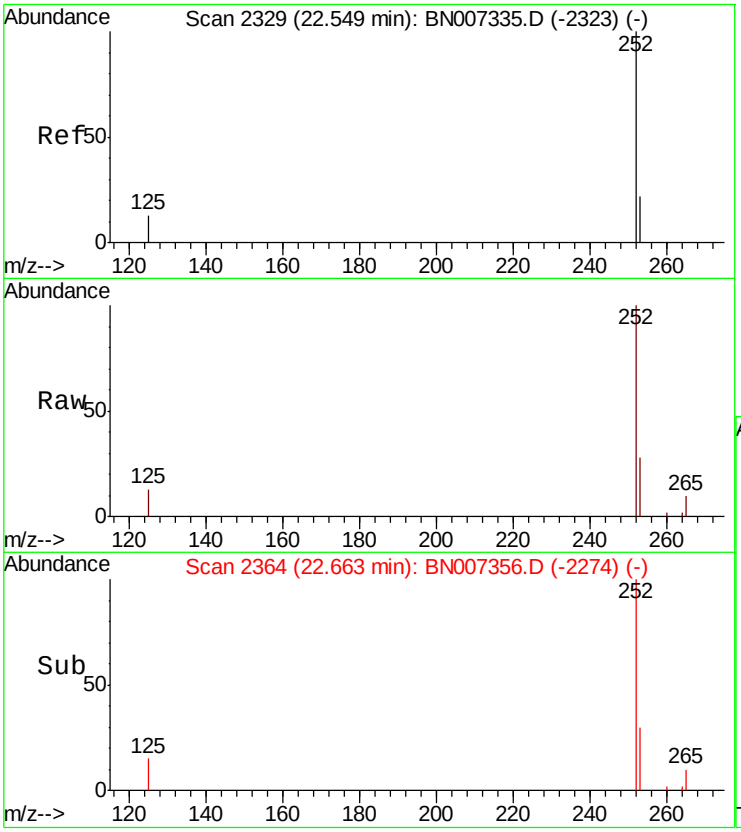


#35
Benzo(b)fluoranthene
Concen: 0.301 ng
RT: 22.66 min Scan# 2364
Delta R.T. 0.16 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:252 Resp: 37440

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	13.4	10.6	16.0



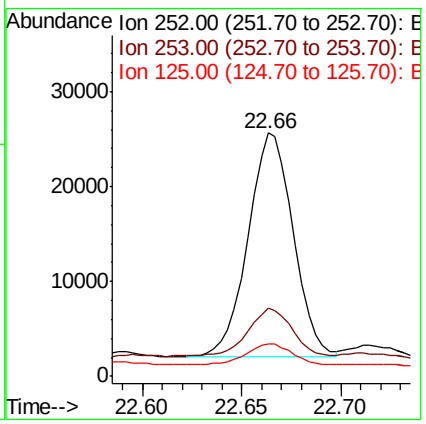


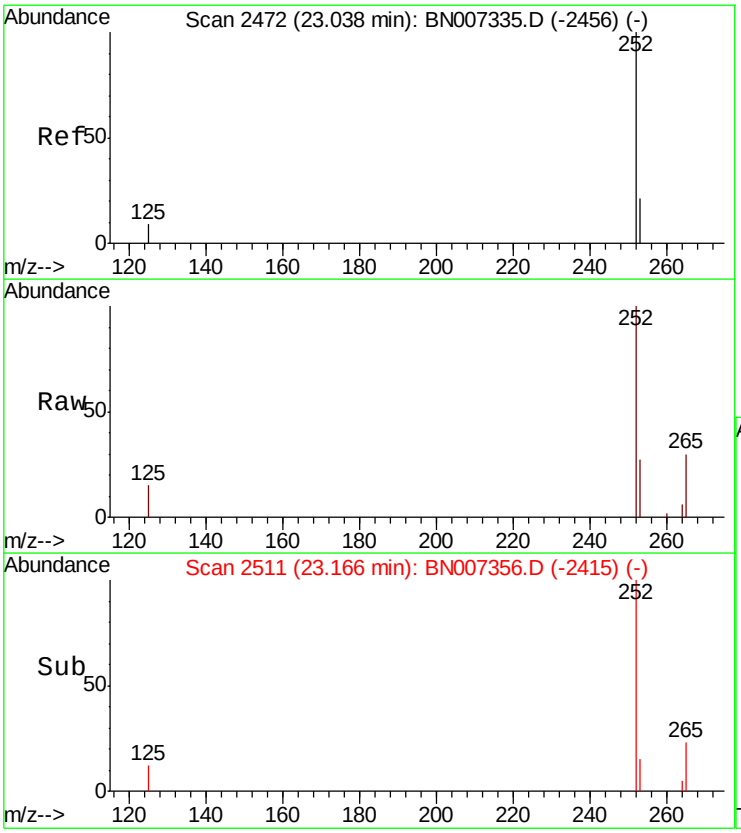
#36
Benzo(k)fluoranthene
Concen: 0.303 ng
RT: 22.66 min Scan# 2364
Delta R.T. 0.11 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:252 Resp: 37221

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.4	29.2
125	13.4	13.1	19.7

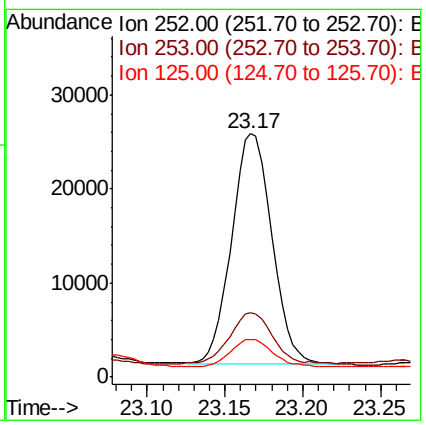


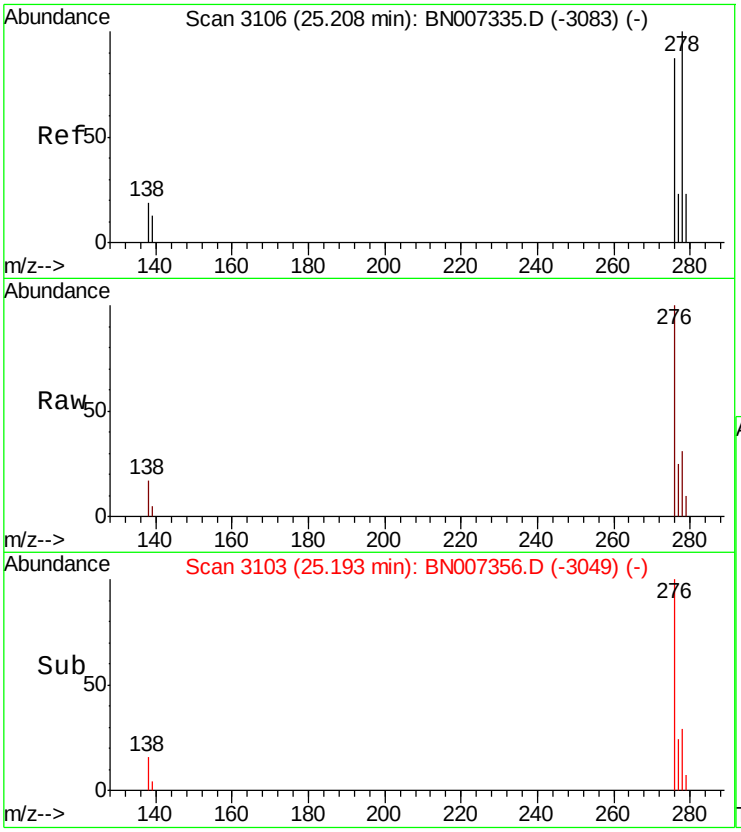


#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.17 min Scan# 2511
Delta R.T. 0.13 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:252 Resp: 43840

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.5	29.3
125	15.5	12.1	18.1



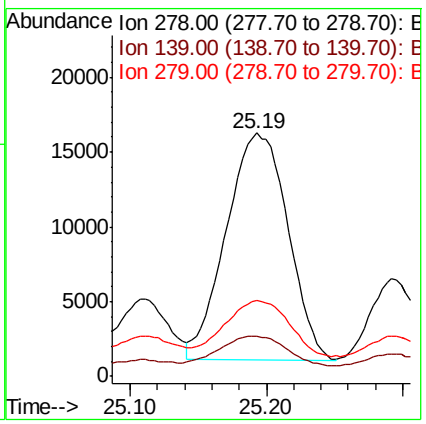


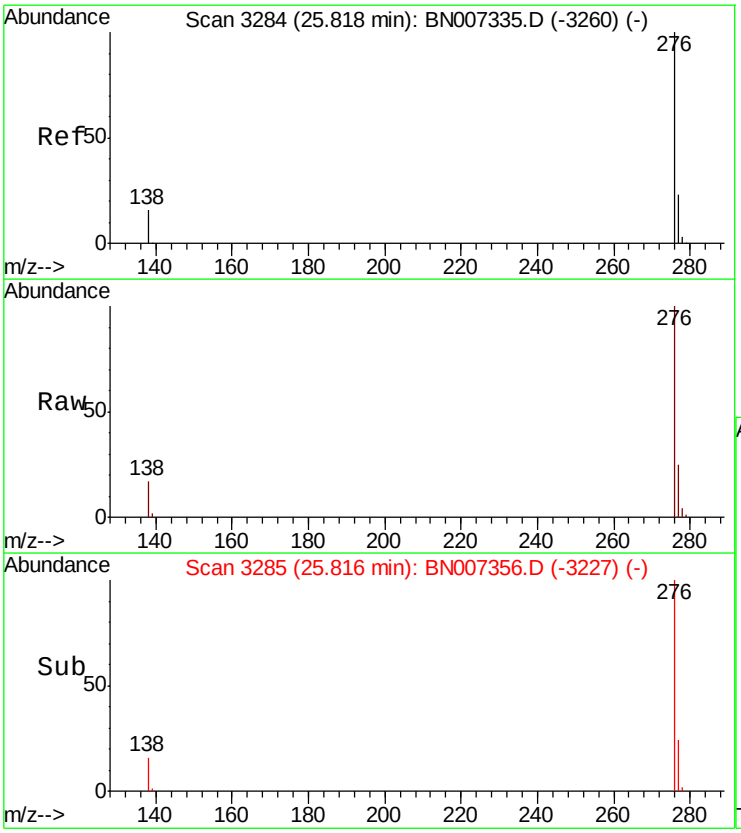
#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519DL

Tgt Ion:278 Resp: 47861

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.7	20.5
279	31.4	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 1.549 ng
RT: 25.82 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BN007356.D
Acq: 24 Aug 2019 08:50

Tgt Ion:276 Resp: 182335

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	17.2	16.3	24.5