Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
Data File : BN007503.D
Acq On : 29 Aug 2019 14:55
Operator : HP/JU
Sample : K4468-01DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-015-SW085-080119-2DL

Quant Time: Aug 29 16:48:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7277	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	28832	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	14353	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	29916	0.40	ng	0.00
27) Chrysene-d12	21.02	240	53958	0.40	ng	0.00
34) Perylene-d12	23.12	264	63465	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	267	-0.02	ng	0.00
5) Phenol-d6	6.59	99	452	-0.02	ng	0.00
8) Nitrobenzene-d5	8.53	82	292	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	433	0.01	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	228	0.03	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	587	0.01	ng	0.00
25) Fluoranthene-d10	18.84	212	965	0.01	ng	0.00
29) Terphenyl-d14	19.46	244	170136	1.20	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.20	128	9626	0.117	ng	# 93
12) 2-Methylnaphthalene	11.83	142	7788	0.139	ng	97
16) Acenaphthylene	13.76	152	125379	1.476	ng	99
17) Acenaphthene	14.10	154	8110	0.163	ng	98
18) Fluorene	15.10	166	27209	0.433	ng	# 80
23) Phenanthrene	16.84	178	495859	5.510	ng	99
24) Anthracene	16.92	178	94379	1.043	ng	99
26) Fluoranthene	18.87	202	601396	5.205	ng	97
28) Pyrene	19.23	202	911037	4.197	ng	97
30) Benzo(a)anthracene	20.99	228	432867	2.043	ng	93
31) Chrysene	21.05	228	472069	2.308	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	39089	0.266	ng	98
33) Indeno(1,2,3-cd)pyrene	25.18	276	240815	0.977	ng	100
35) Benzo(b)fluoranthene	22.66	252	71728	0.312	ng	96
36) Benzo(k)fluoranthene	22.66	252	74577	0.328	ng	94
37) Benzo(a)pyrene	22.94	252	255509	1.168	ng	98
38) Dibenzo(a,h)anthracene	25.19	278	82105	0.376	ng	94
39) Benzo(g,h,i)perylene	25.81	276	272880	1.254	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
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BNA_N
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EXT-015-SW085-080119-2DL

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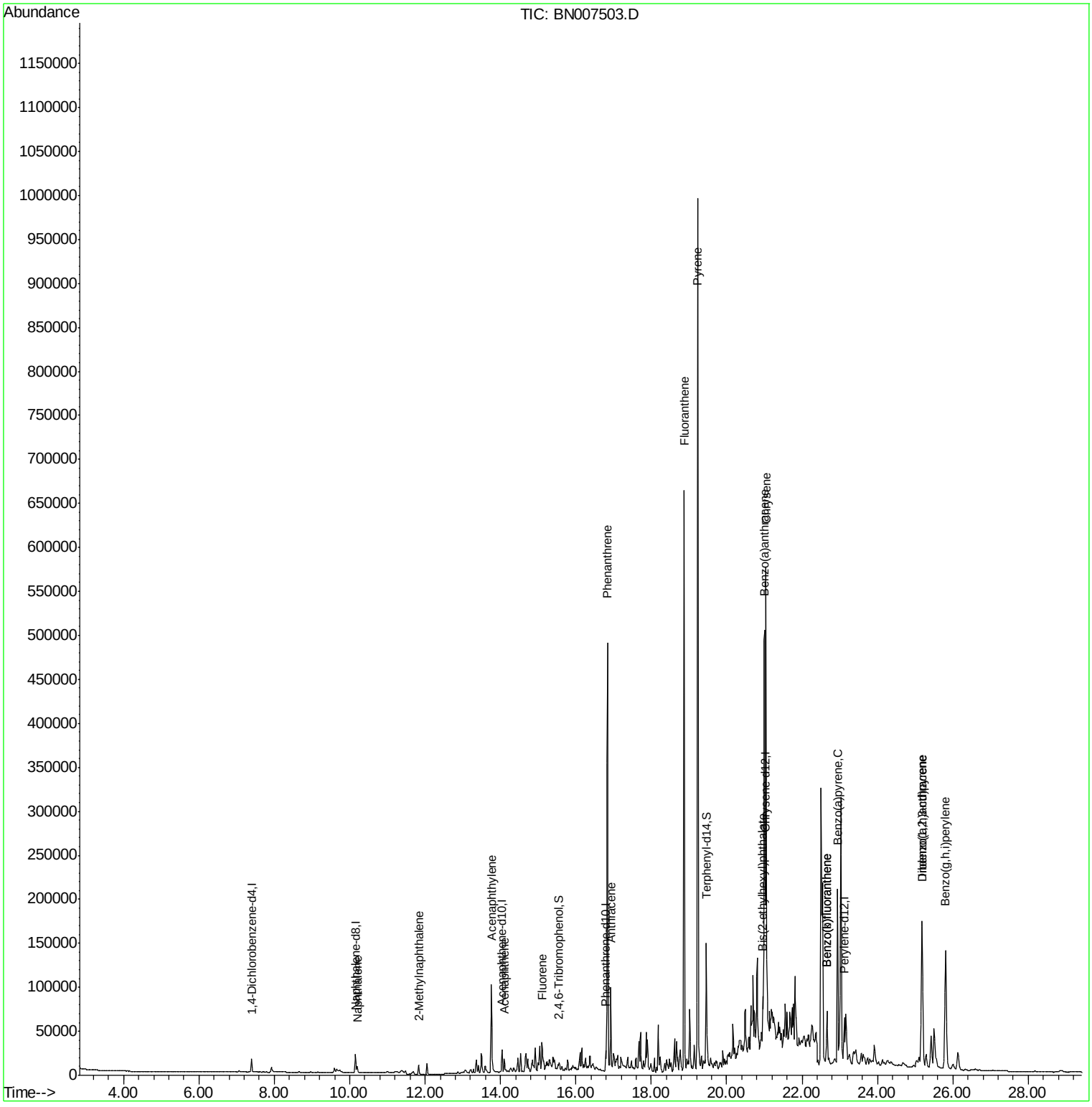
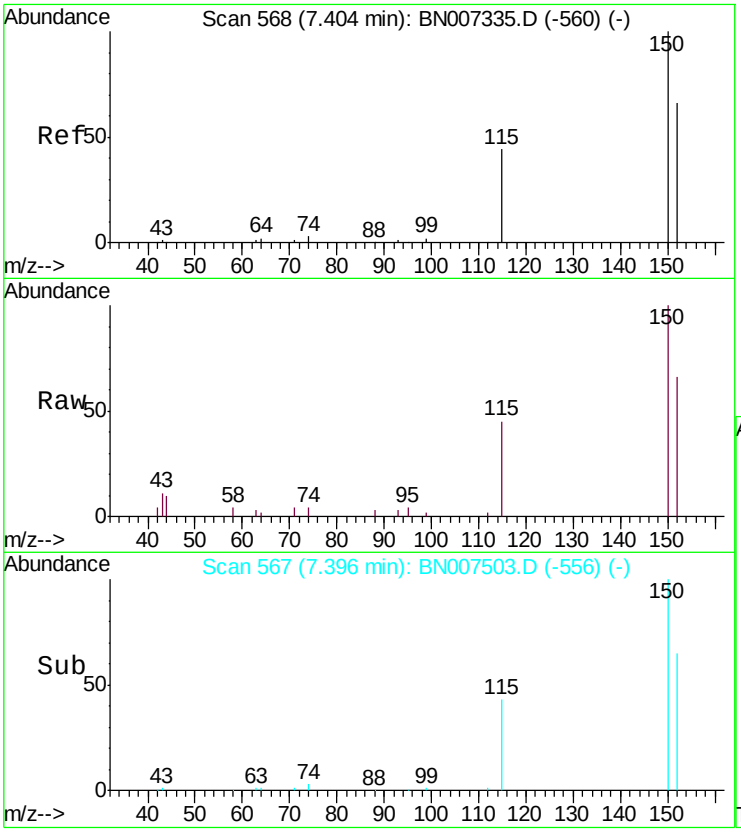
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



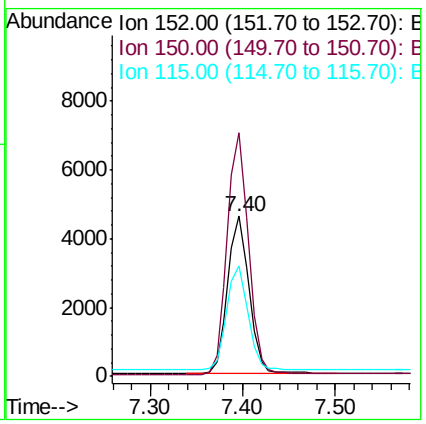


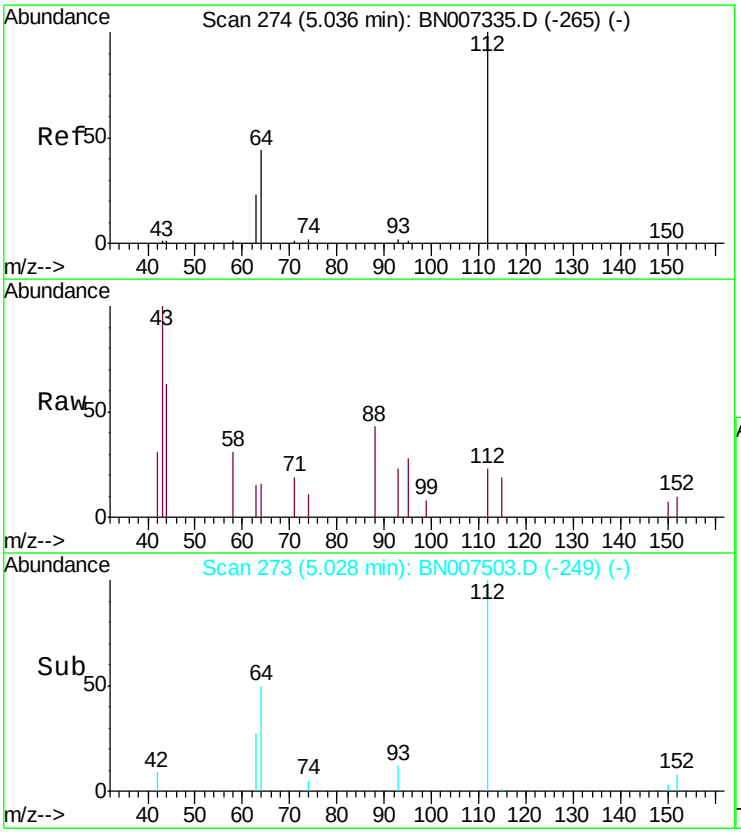
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:152 Resp: 7277

Ion	Ratio	Lower	Upper
152	100		
150	152.0	109.1	163.7
115	68.9	59.6	89.4

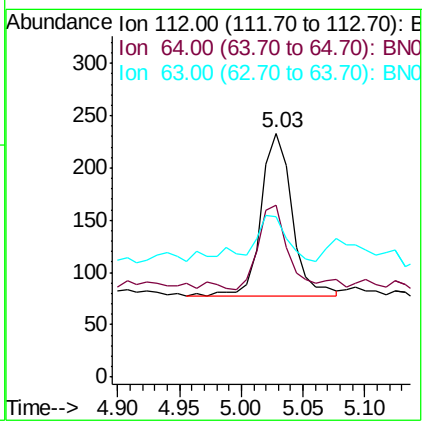


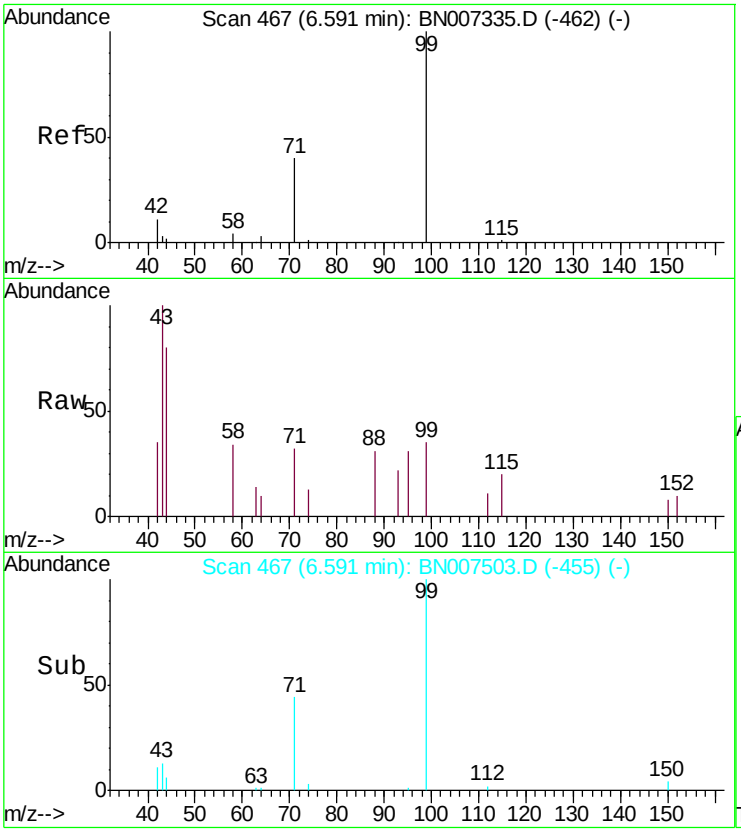


#4
2-Fluorophenol
Concen: -0.019 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:112 Resp: 267

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.3	63.5
63	39.3	23.6	35.4#



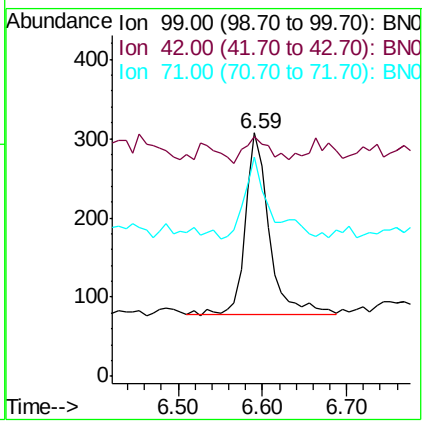


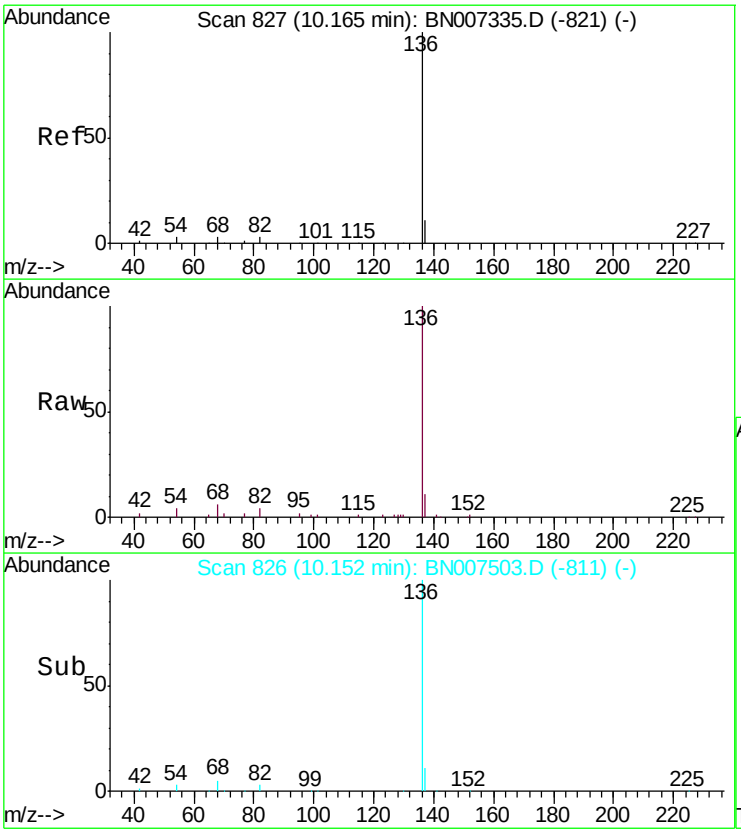
#5
Phenol-d6
Concen: -0.017 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion: 99 Resp: 452

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.2	16.8
71	39.4	31.8	47.8

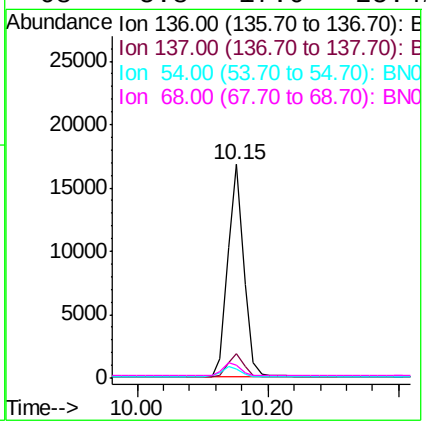


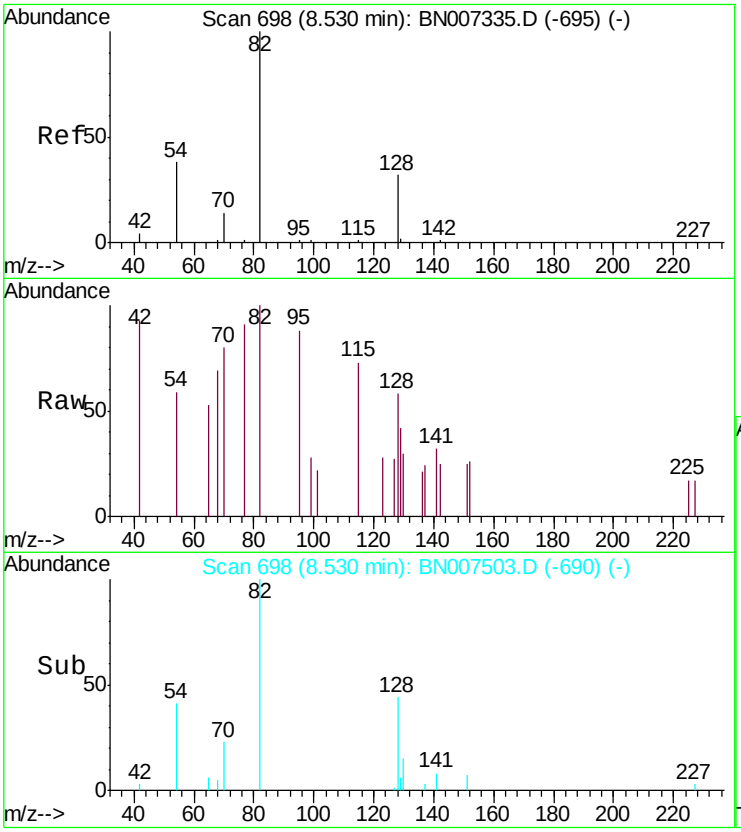


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:136 Resp: 28832

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.1	8.6	12.8#
68	5.8	17.0	25.4#



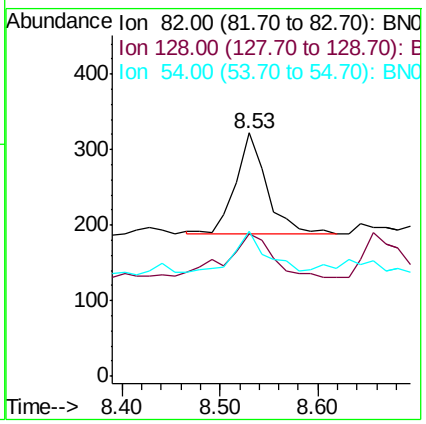


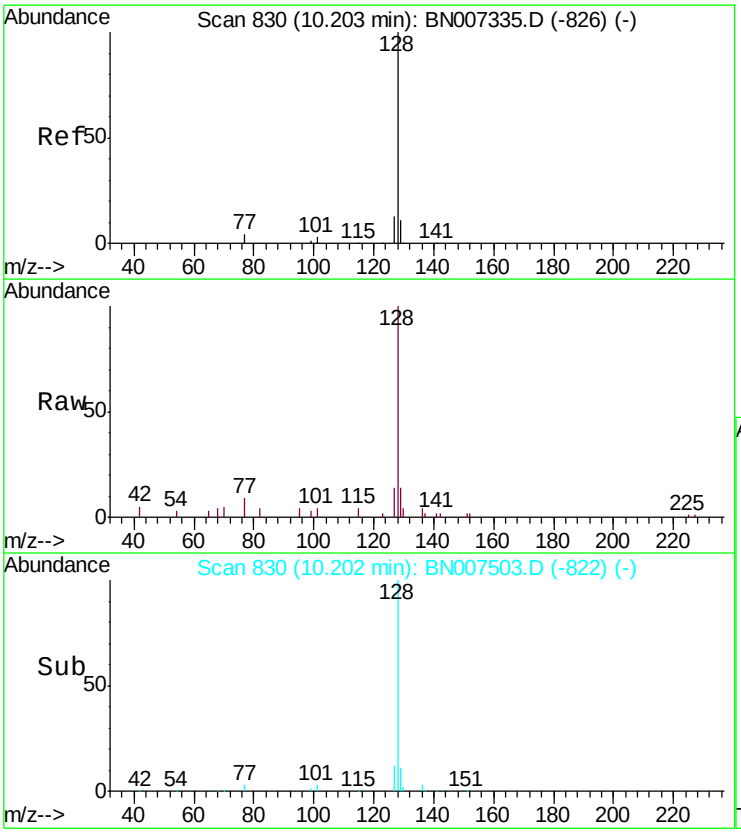
#8
Nitrobenzene-d5
Concen: 0.012 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion: 82 Resp: 292

Ion	Ratio	Lower	Upper
82	100		
128	58.4	19.7	29.5#
54	59.3	25.8	38.6#

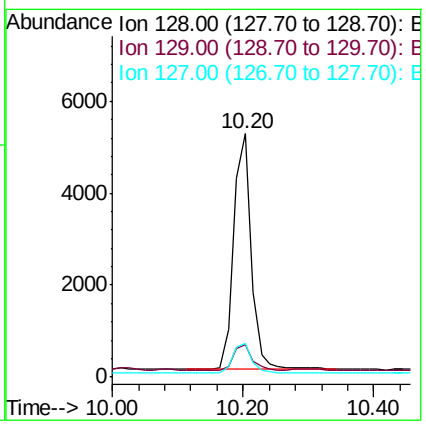


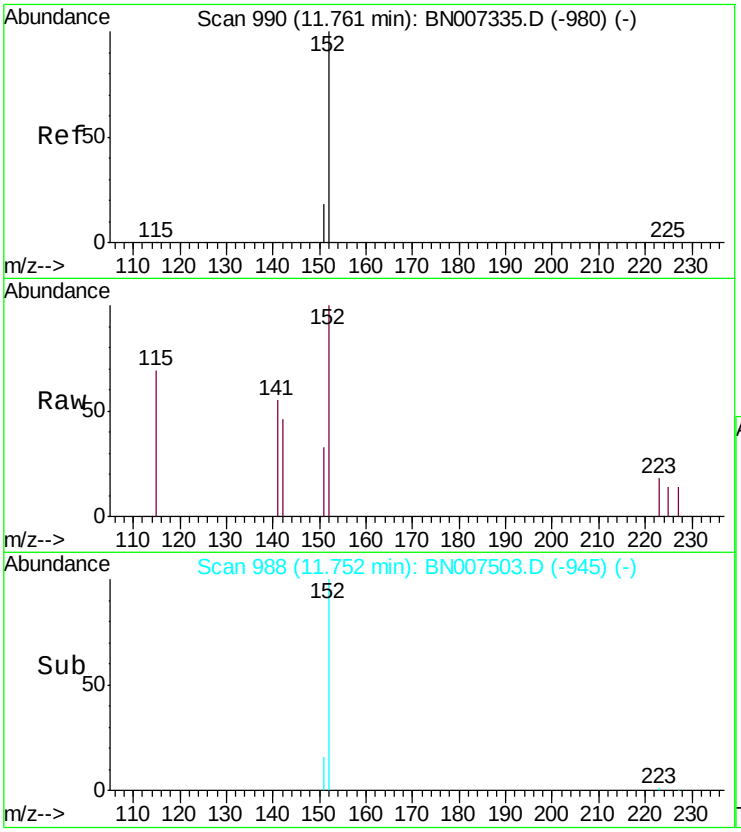


#9
Naphthalene
Concen: 0.117 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:128 Resp: 9626

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.1	16.7
127	13.9	15.5	23.3#



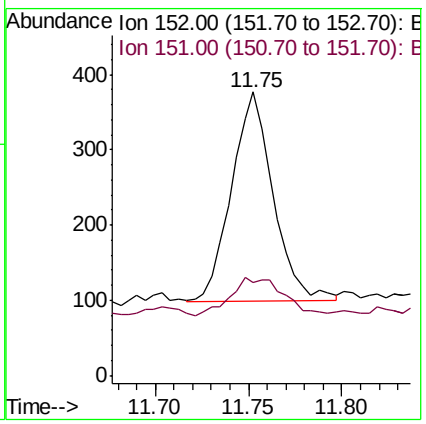


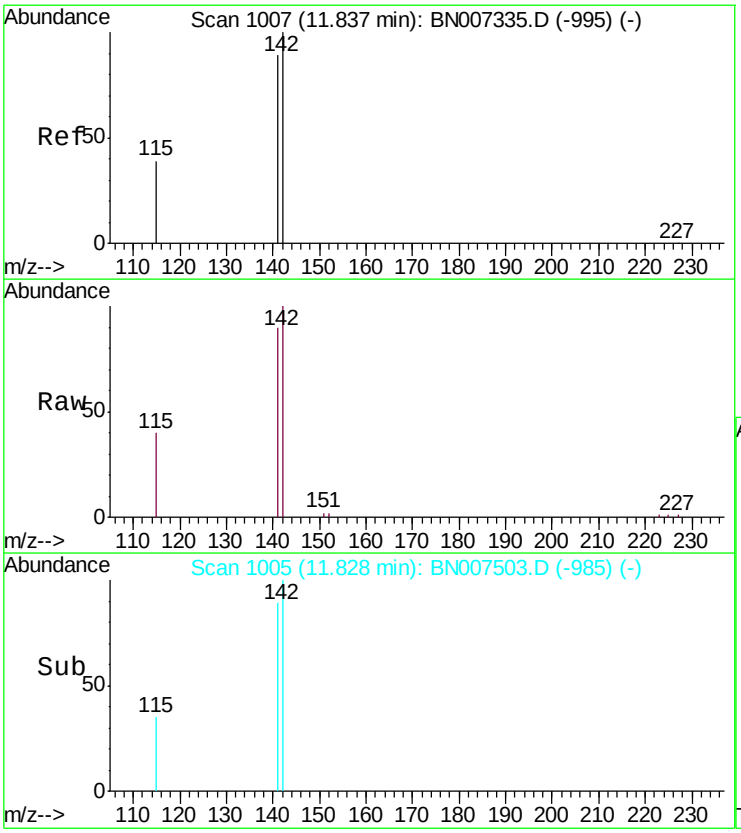
#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:152 Resp: 433

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.2	24.2

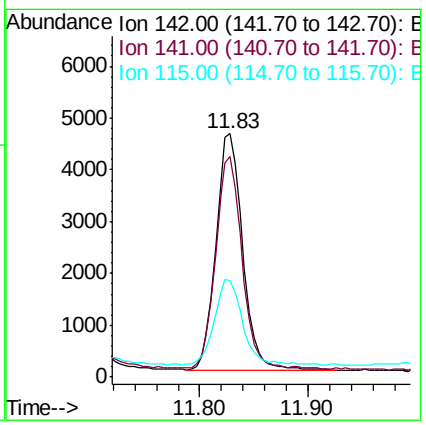


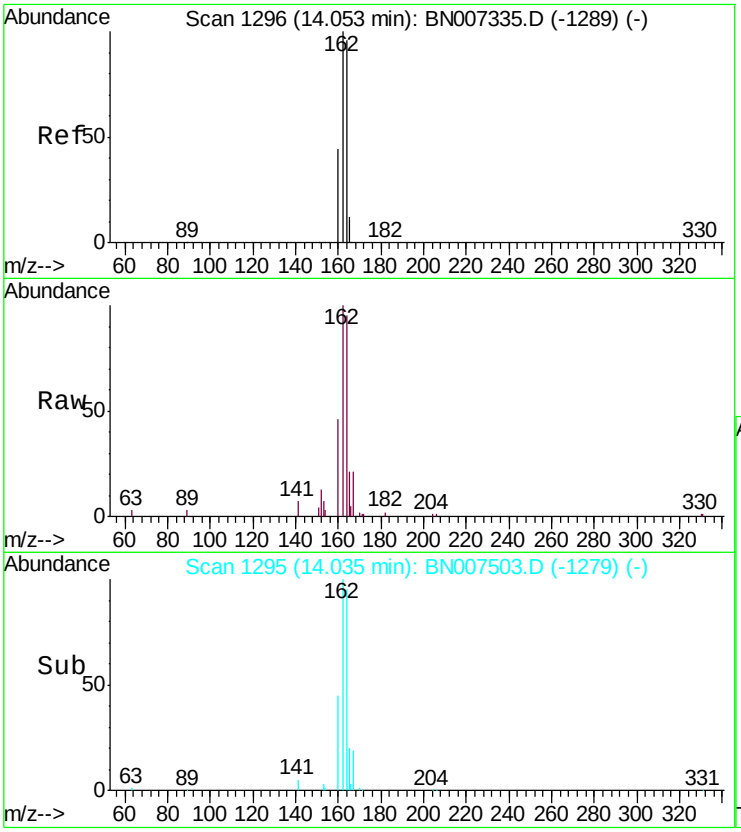


#12
2-Methylnaphthalene
Concen: 0.139 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:142 Resp: 7788

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2
115	39.7	35.2	52.8



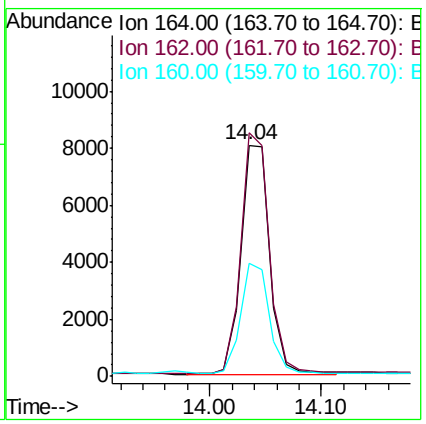


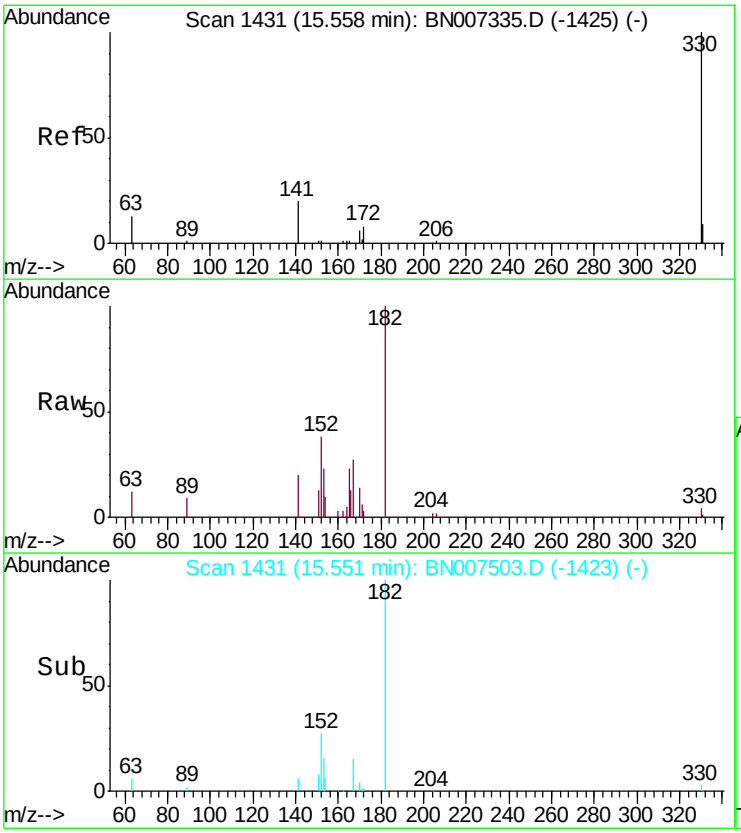
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:164 Resp: 14353

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.5	125.3
160	48.9	38.2	57.4

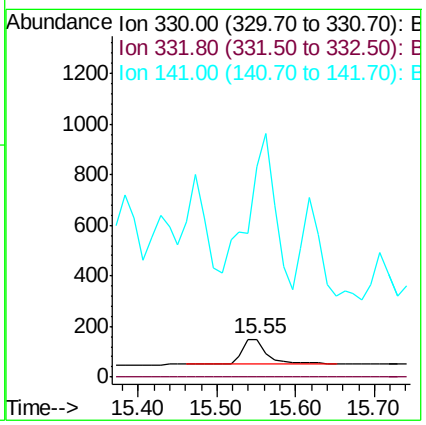


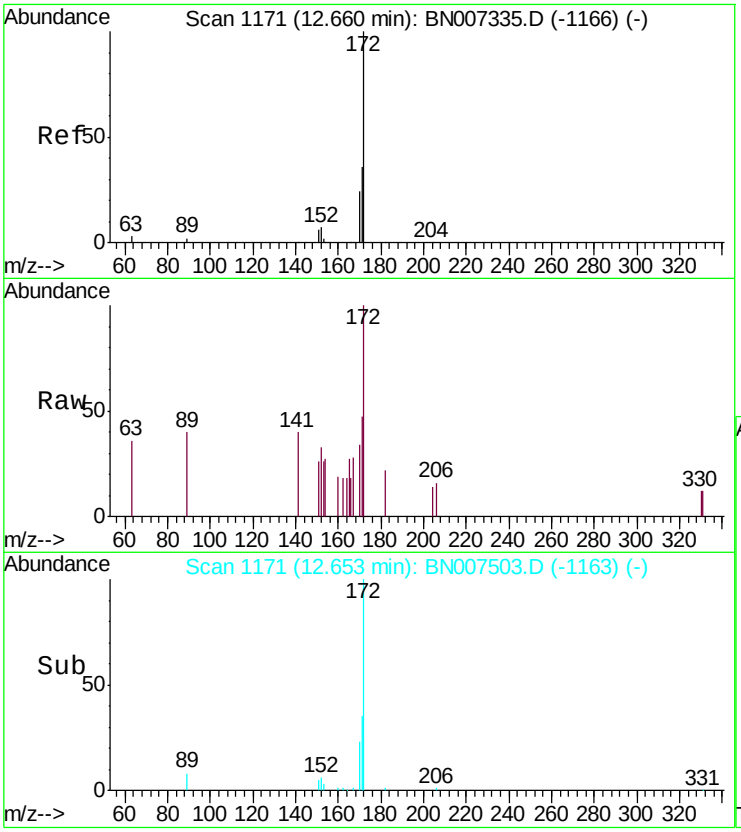


#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:330 Resp: 228

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	635.5	26.9	40.3#



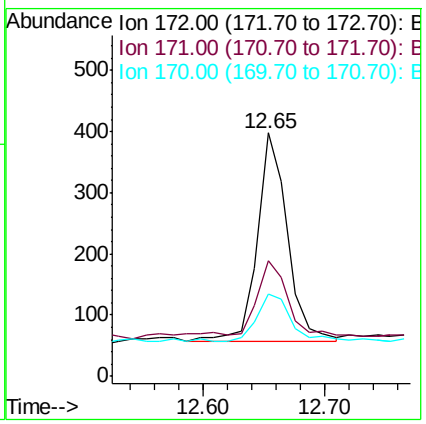


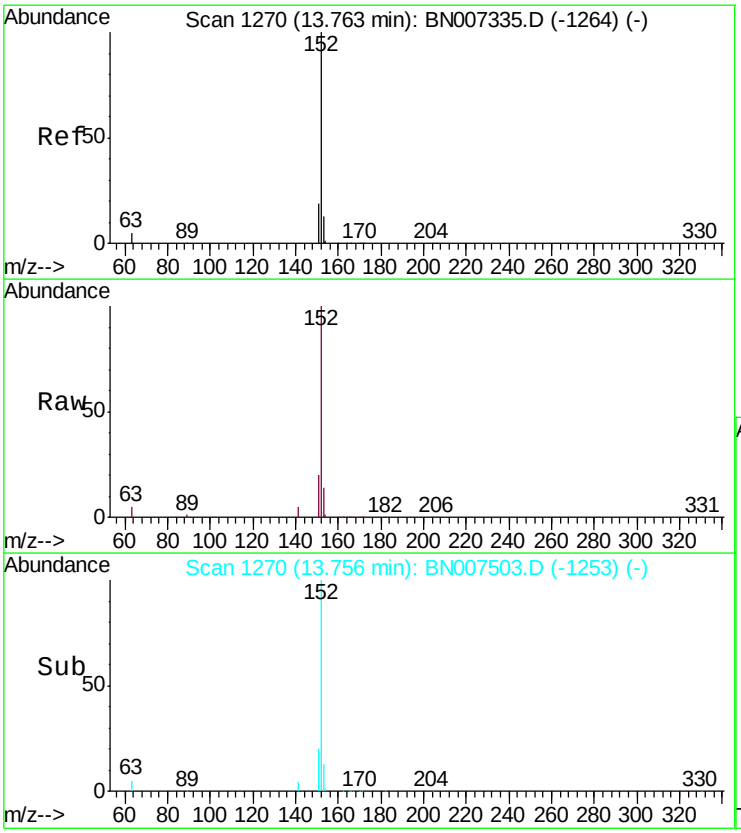
#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:172 Resp: 587

Ion	Ratio	Lower	Upper
172	100		
171	47.2	30.3	45.5#
170	33.9	20.7	31.1#

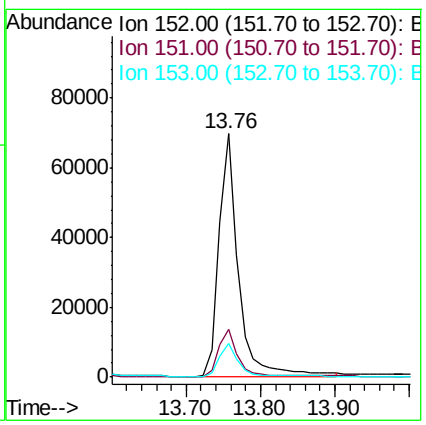


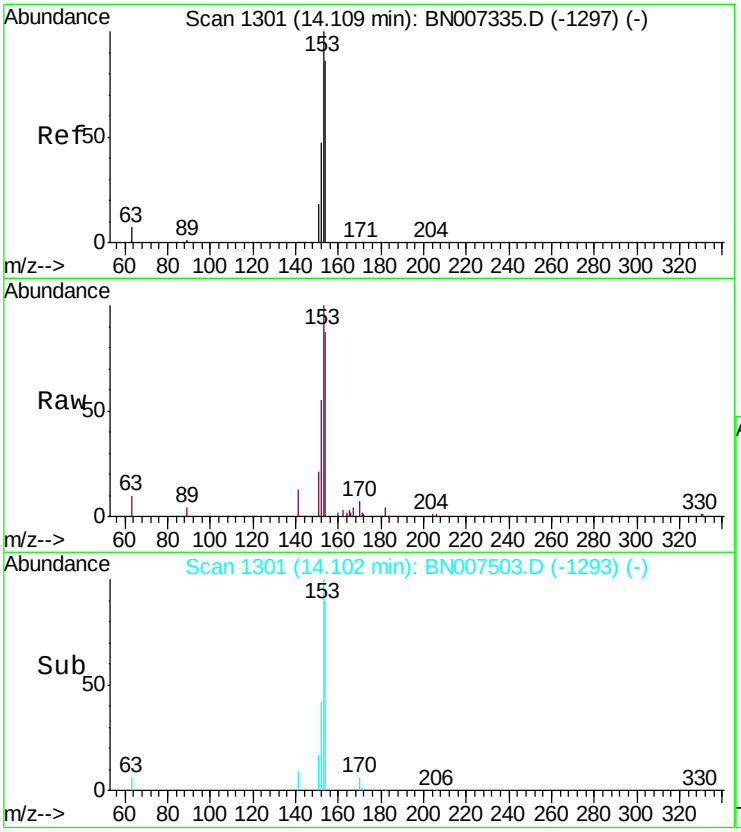


#16
Acenaphthylene
Concen: 1.476 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:152 Resp: 125379

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.5	10.6	15.8



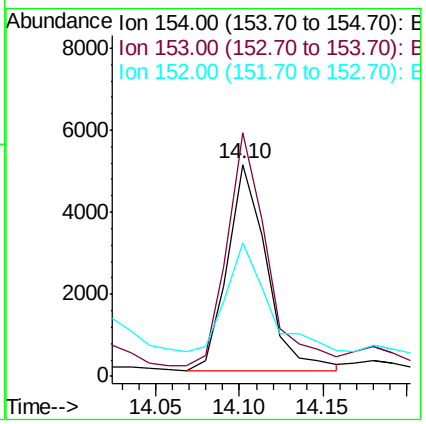


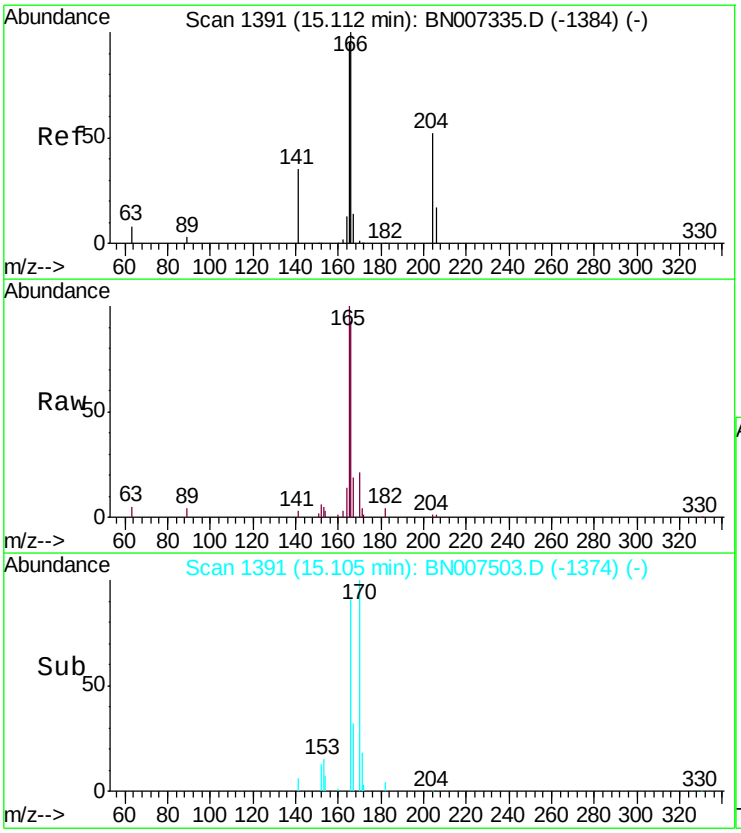
#17
Acenaphthene
Concen: 0.163 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:154 Resp: 8110

Ion	Ratio	Lower	Upper
154	100		
153	116.1	92.8	139.2
152	59.1	43.8	65.8

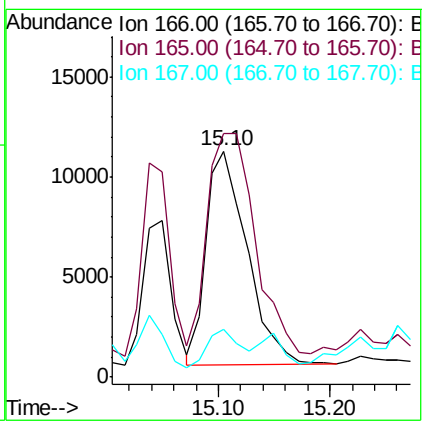


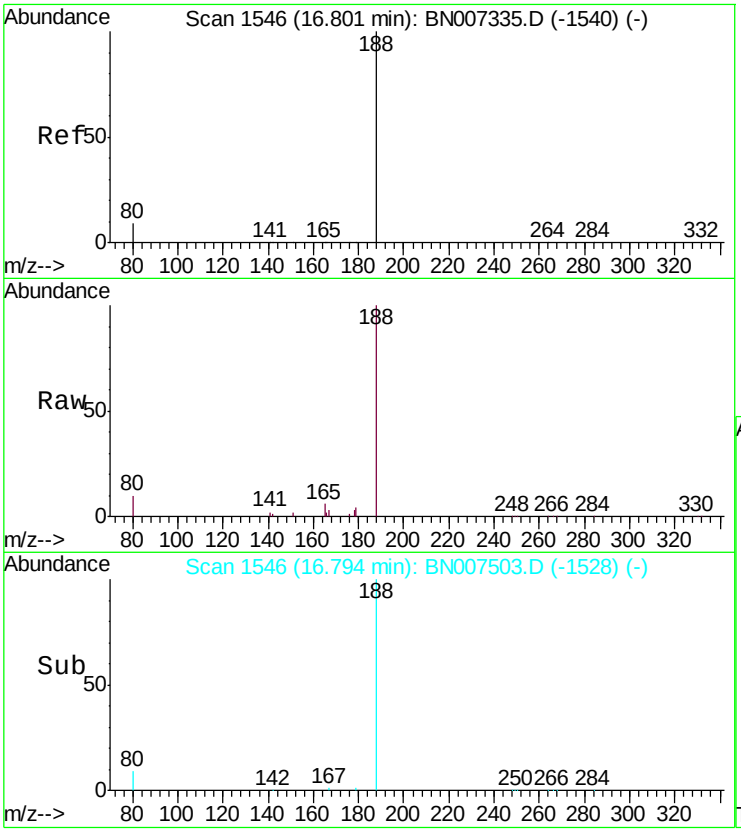


#18
Fluorene
Concen: 0.433 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:166 Resp: 27209

Ion	Ratio	Lower	Upper
166	100		
165	121.1	79.0	118.4#
167	14.2	10.6	15.8



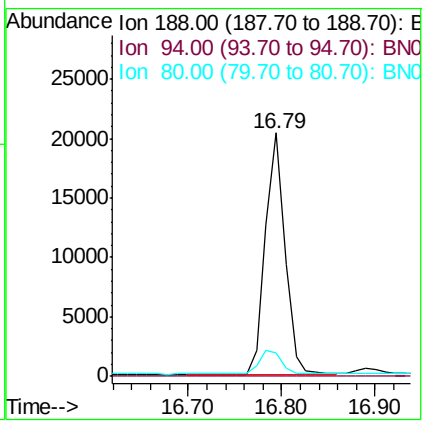


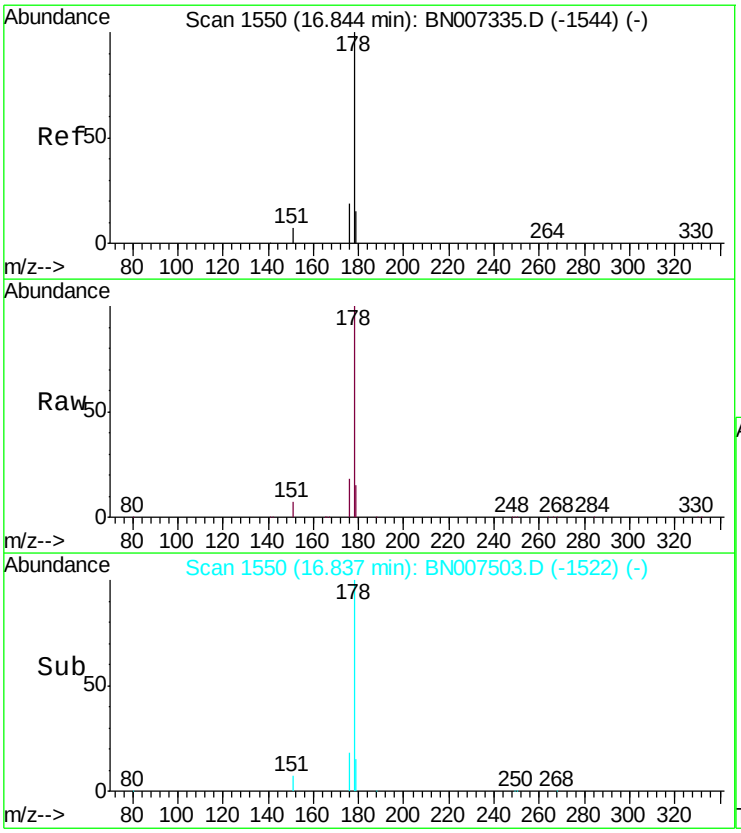
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:188 Resp: 29916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	11.8	17.8#

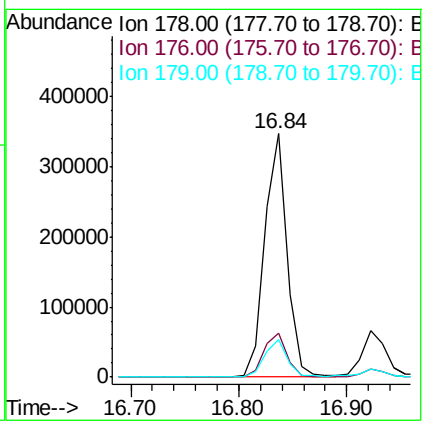


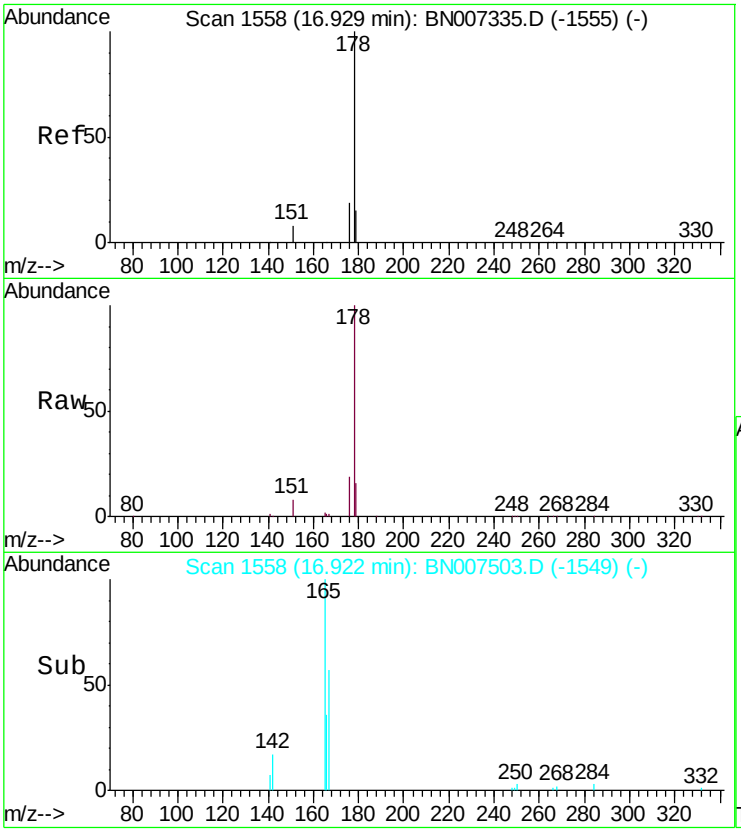


#23
Phenanthrene
Concen: 5.510 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:178 Resp: 495859

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.7	12.6	19.0



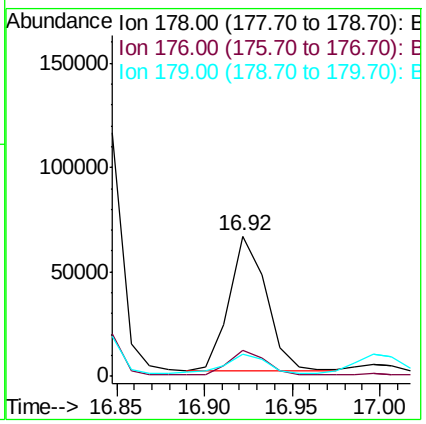


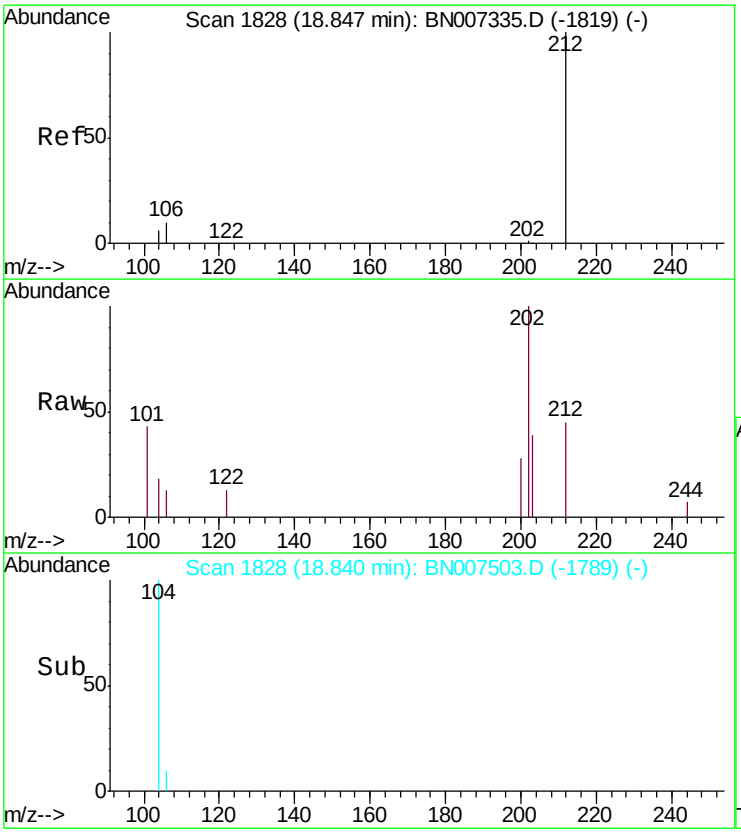
#24
Anthracene
Concen: 1.043 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:178 Resp: 94379

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.5	12.4	18.6

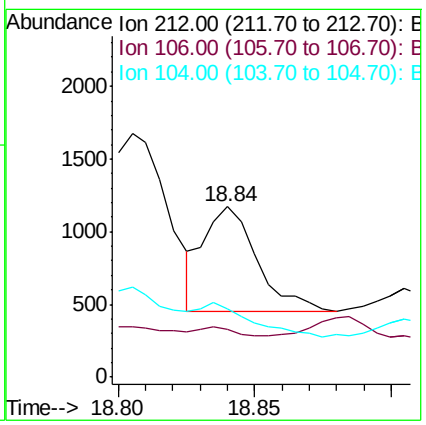


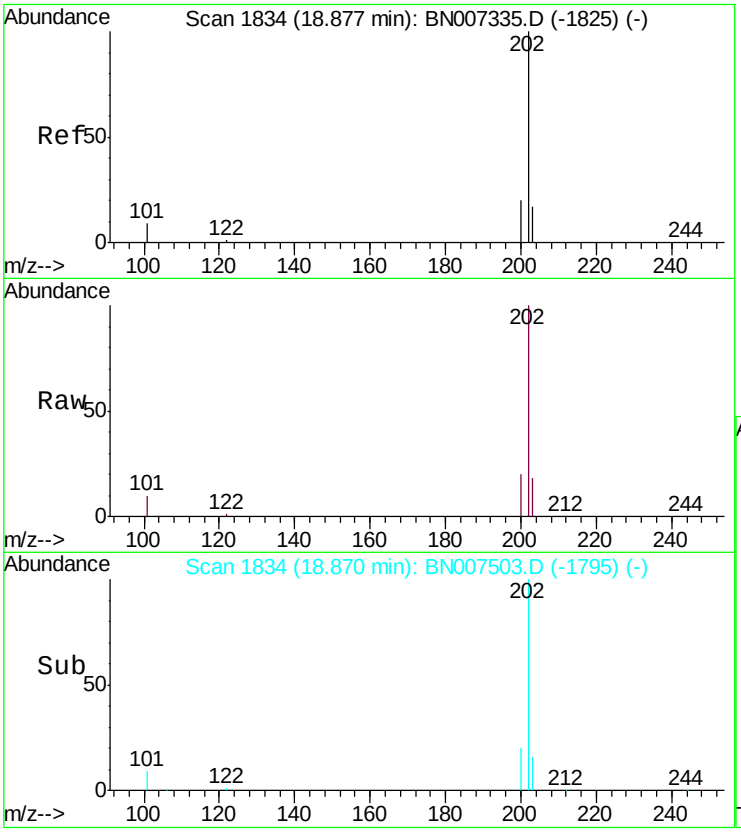


#25
Fluoranthene-d10
Concen: 0.010 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:212 Resp: 965

Ion	Ratio	Lower	Upper
212	100		
106	7.7	9.0	13.4#
104	0.0	5.4	8.2#



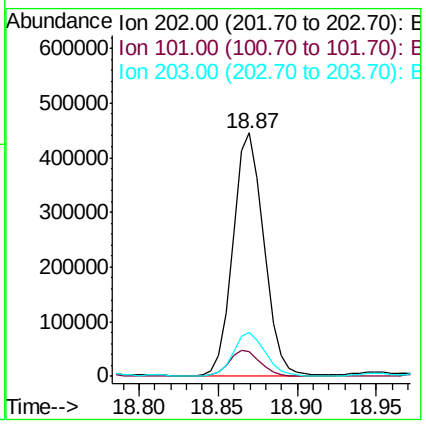


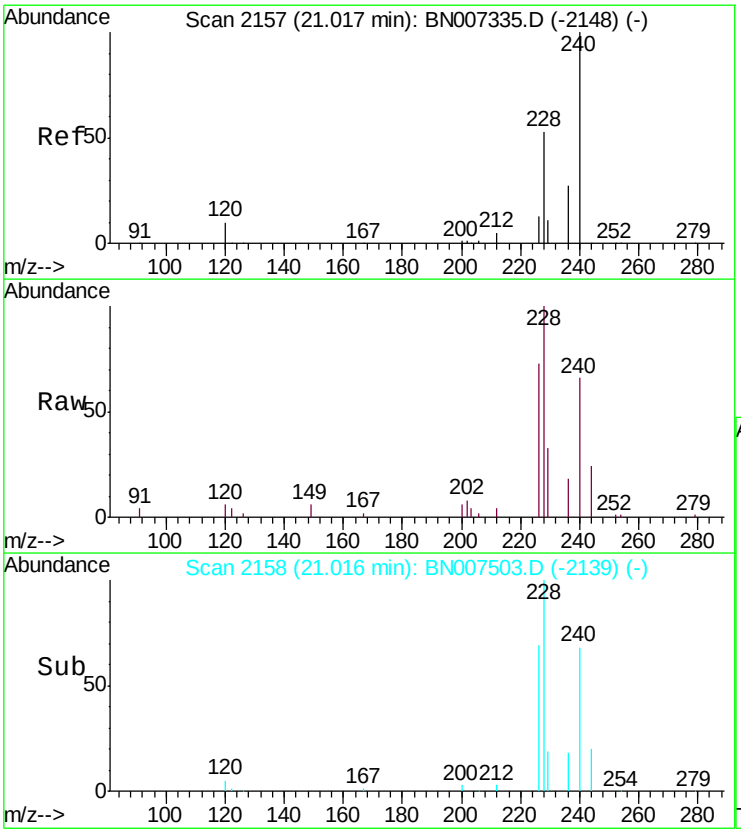
#26
Fluoranthene
Concen: 5.205 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:202 Resp: 601396

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.7	11.5
203	18.1	13.7	20.5

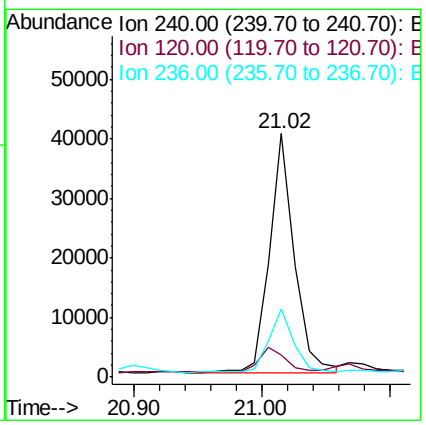


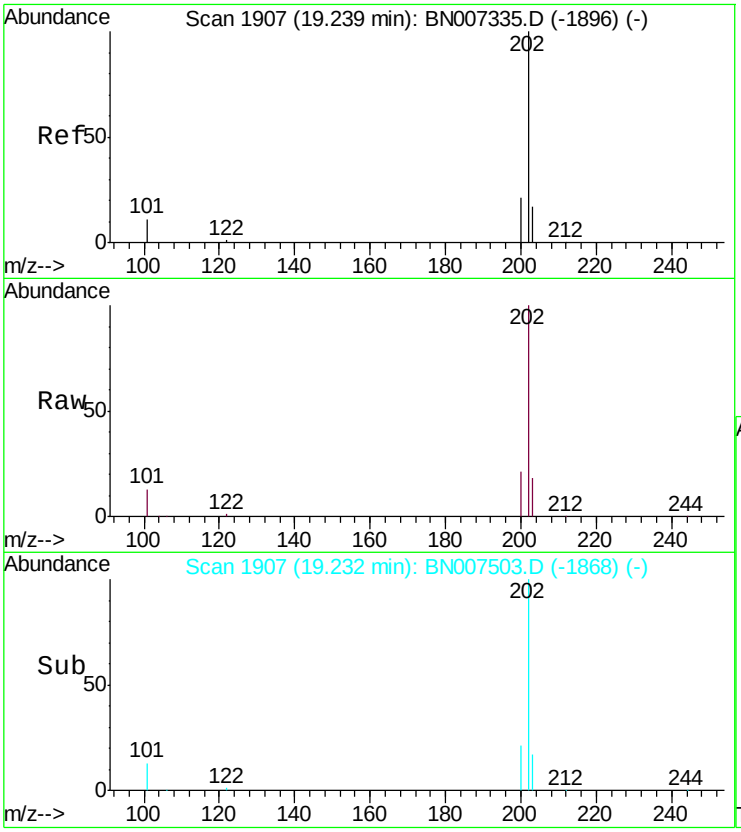


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:240 Resp: 53958

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.6	14.4#
236	27.8	22.2	33.2



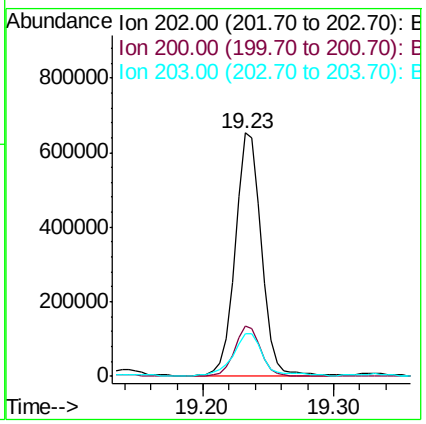


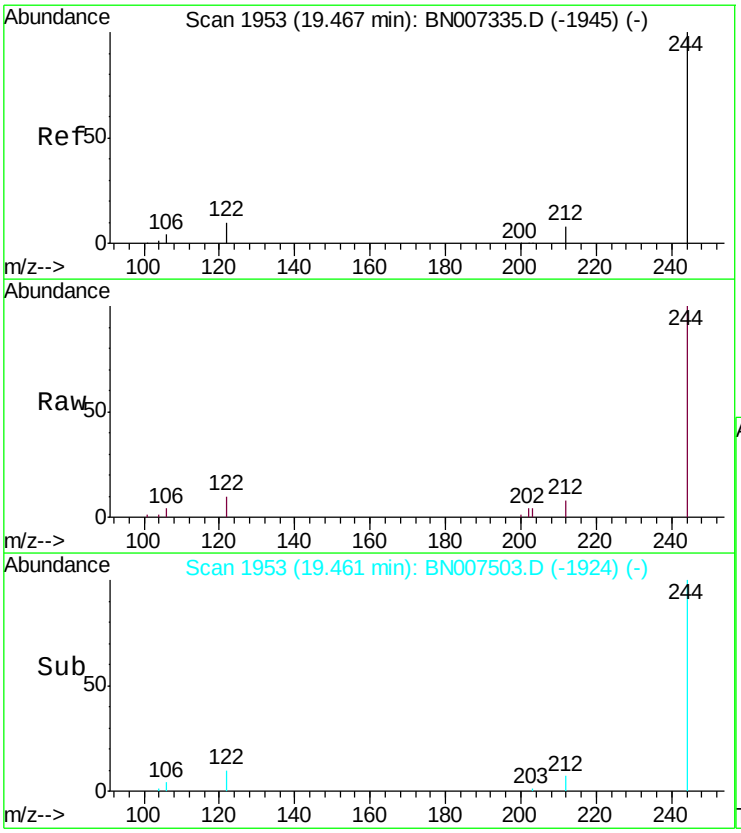
#28
Pyrene
Concen: 4.197 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:202 Resp: 911037

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.3	14.2	21.4

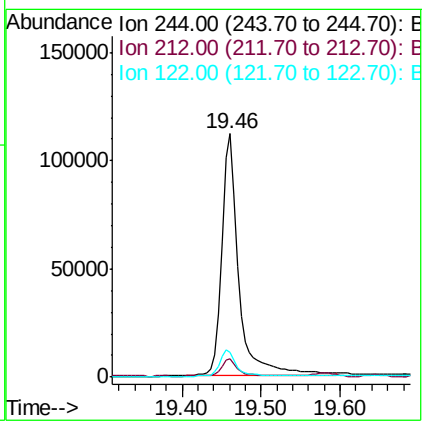


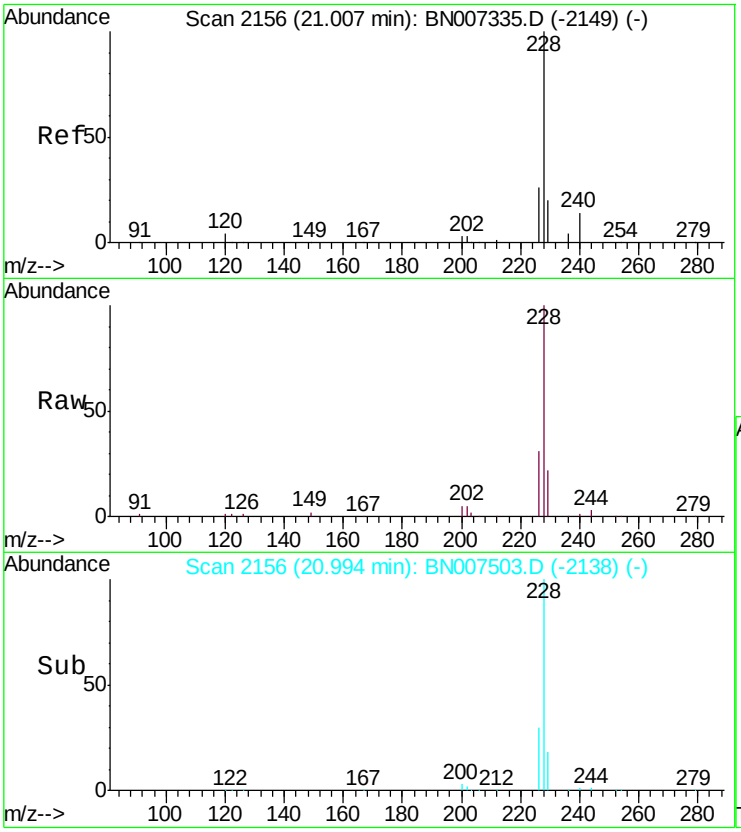


#29
Terphenyl-d14
Concen: 1.205 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:244 Resp: 170136

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	10.1	9.6	14.4



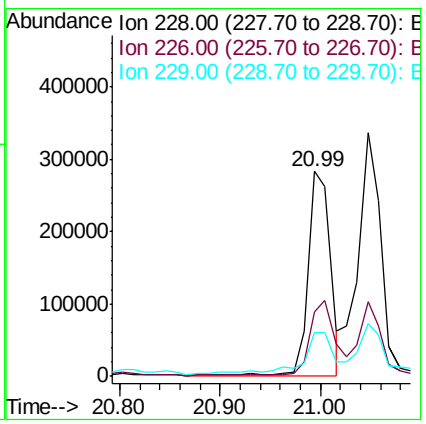


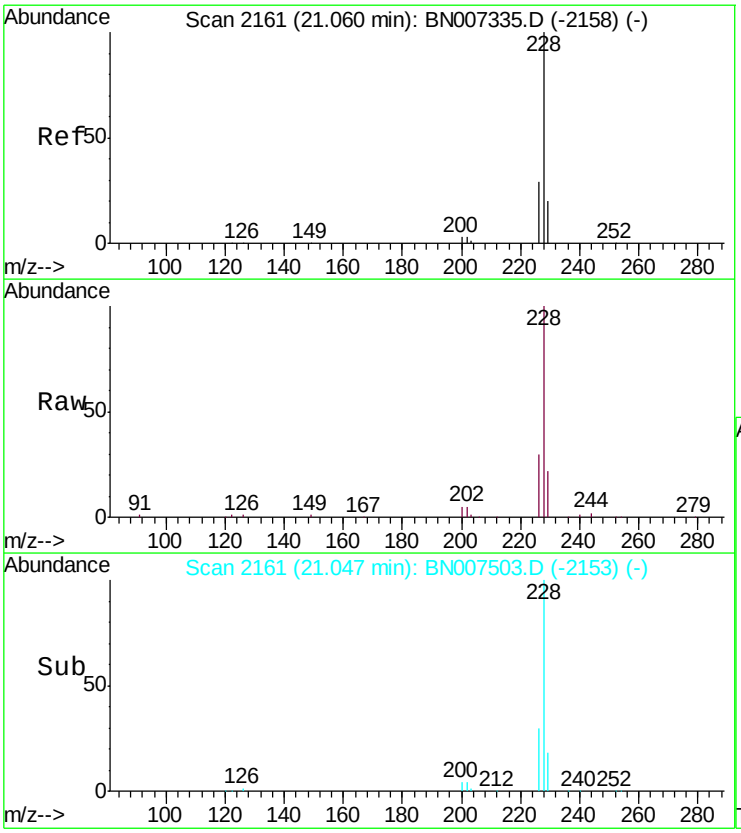
#30
Benzo(a)anthracene
Concen: 2.043 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:228 Resp: 432867

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.3	31.9
229	21.6	16.1	24.1

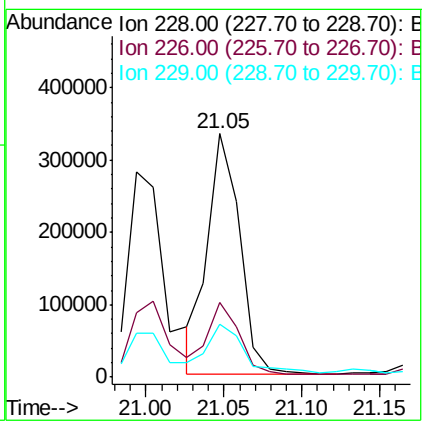


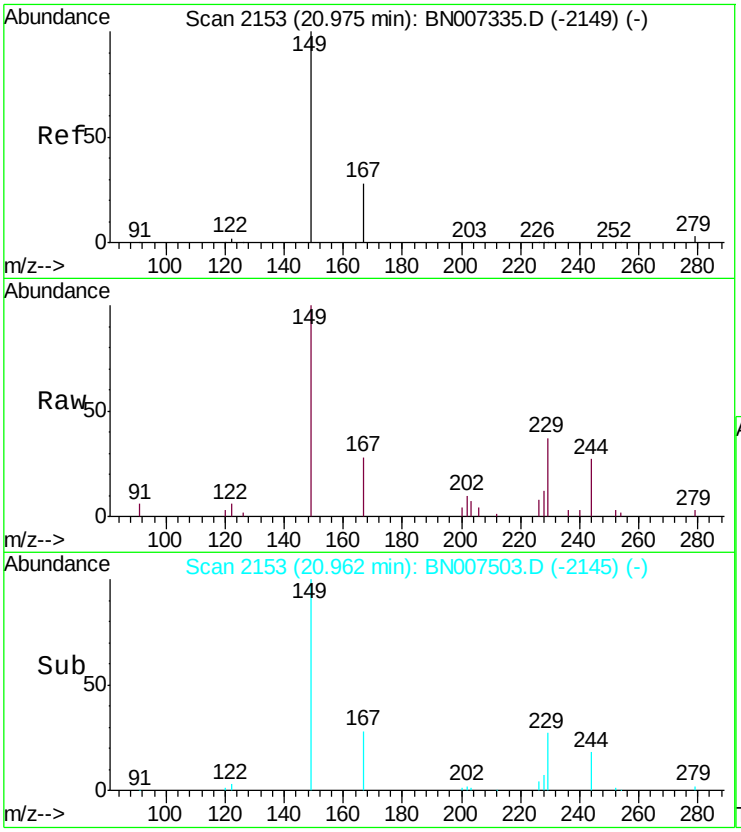


#31
Chrysene
Concen: 2.308 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:228 Resp: 472069

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	21.6	16.6	24.8



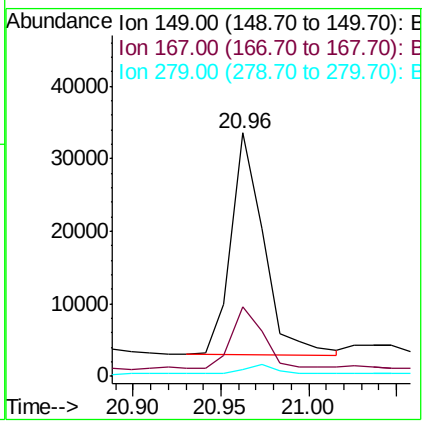


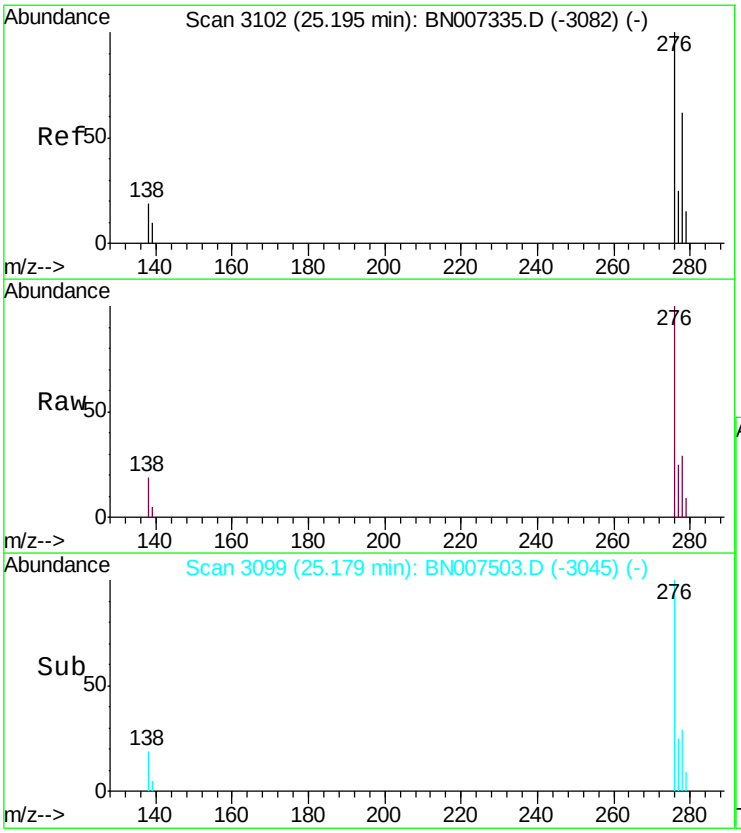
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.266 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:149 Resp: 39089

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.8	34.2
279	4.5	3.5	5.3

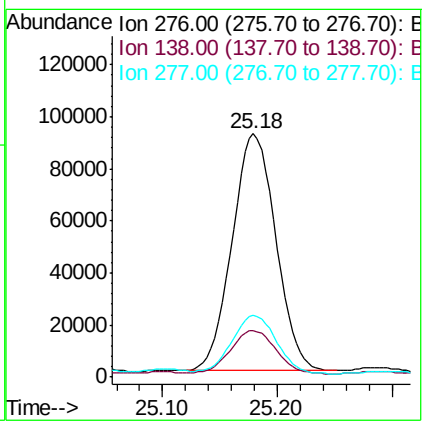


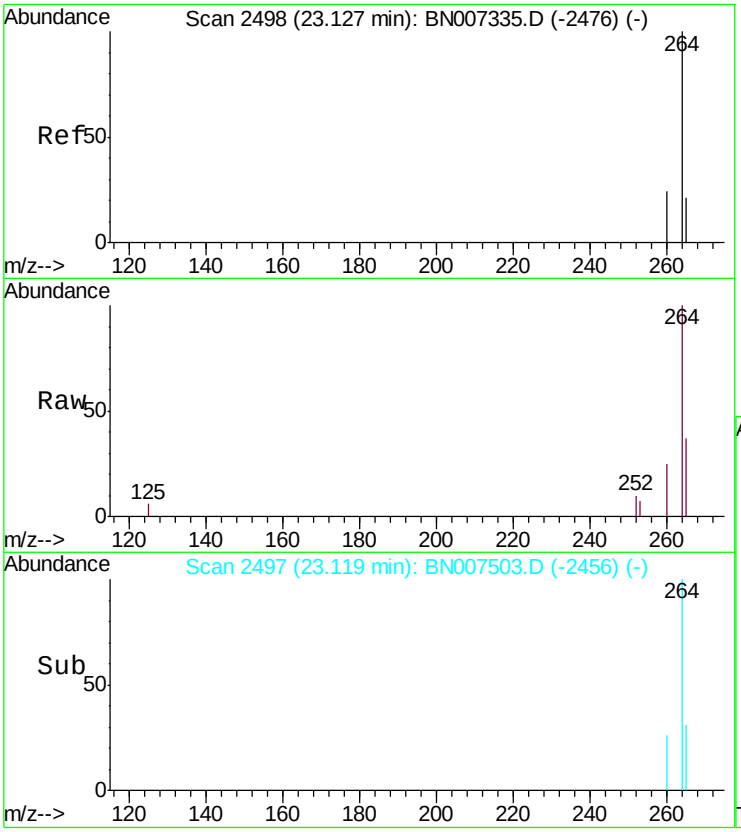


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.977 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:276 Resp: 240815

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.1	22.7
277	24.9	19.7	29.5



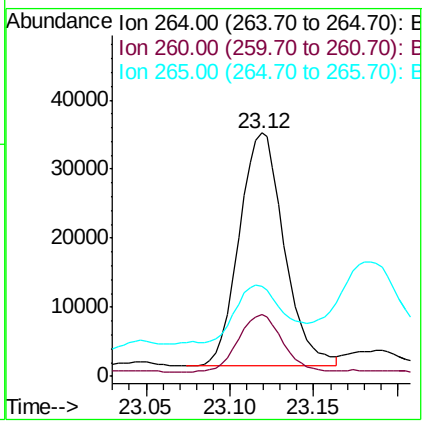


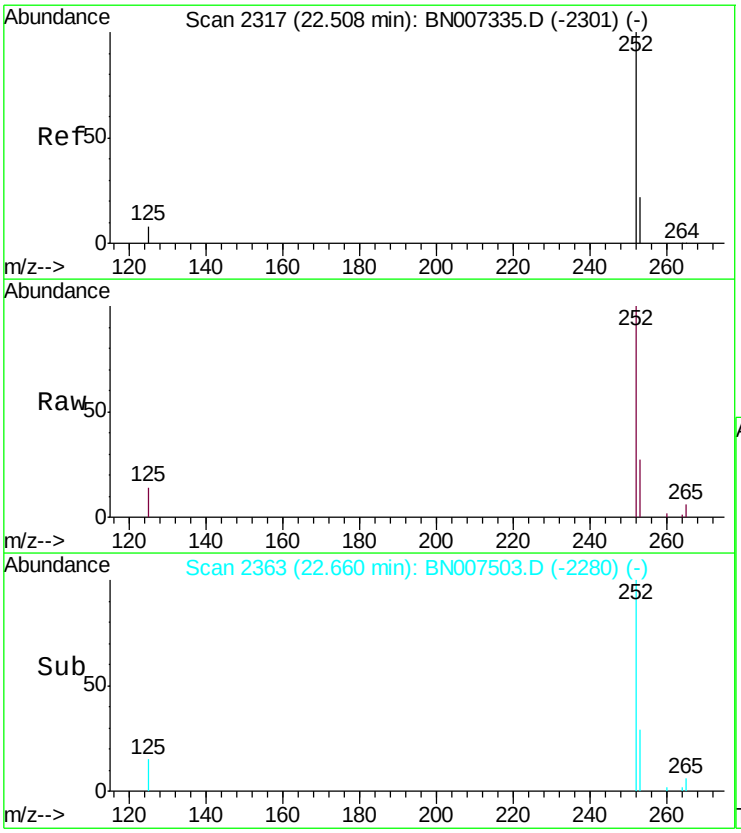
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:264 Resp: 63465

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	37.0	29.9	44.9

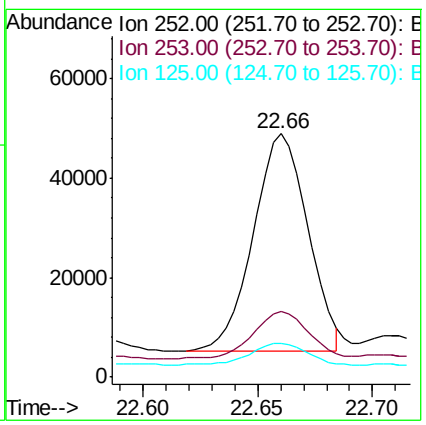


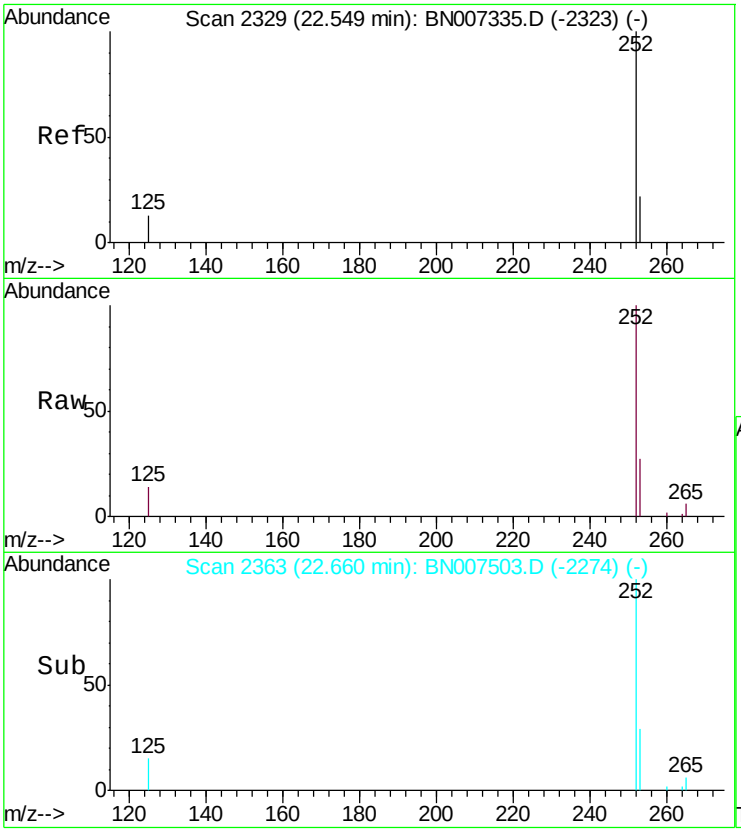


#35
Benzo(b)fluoranthene
Concen: 0.312 ng
RT: 22.66 min Scan# 2363
Delta R.T. 0.15 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:252 Resp: 71728

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.2	28.8
125	13.9	10.6	16.0



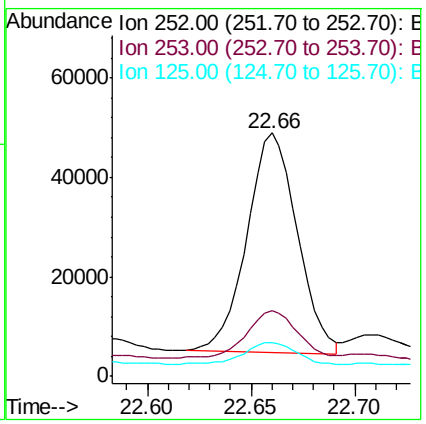


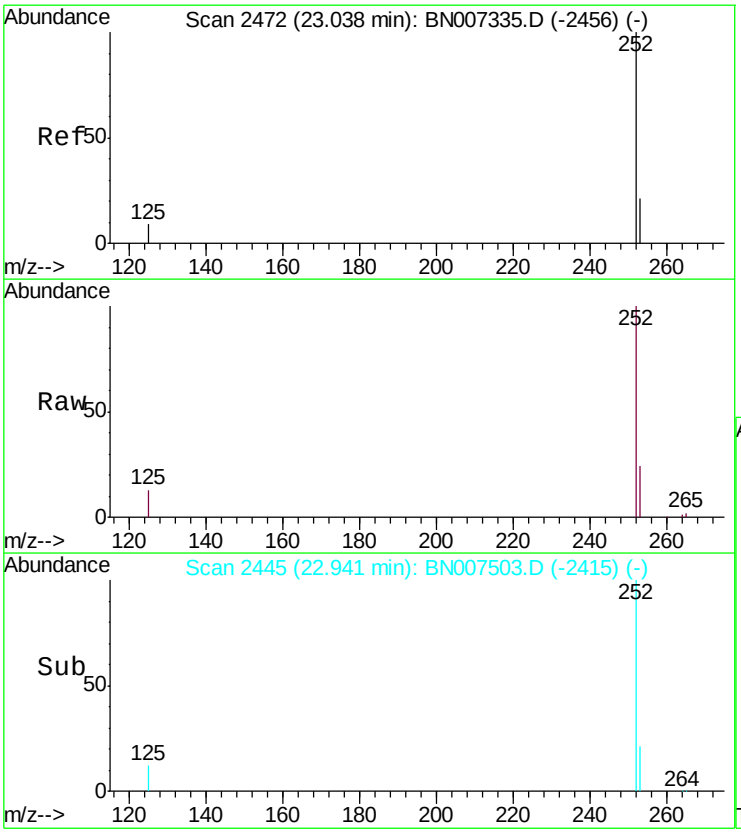
#36
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.66 min Scan# 2363
Delta R.T. 0.11 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:252 Resp: 74577

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.4	29.2
125	13.9	13.1	19.7

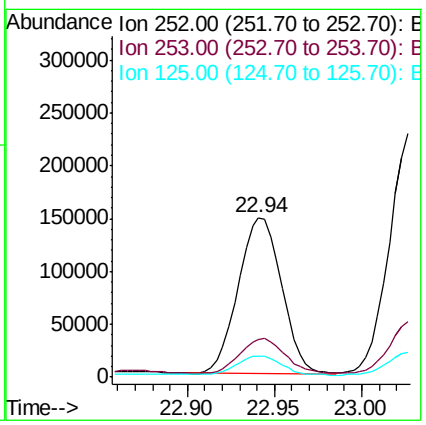


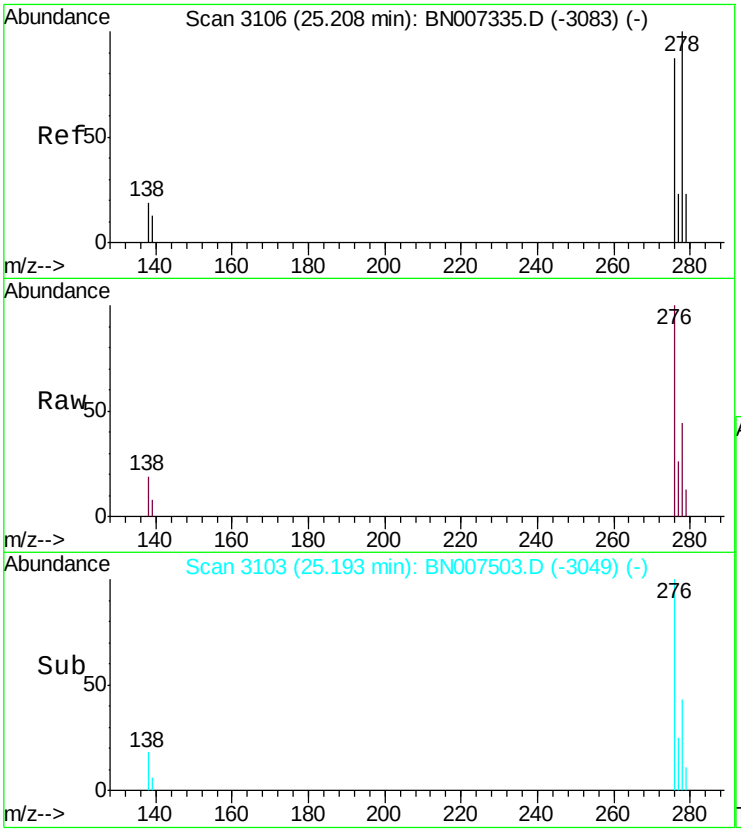


#37
Benzo(a)pyrene
Concen: 1.168 ng
RT: 22.94 min Scan# 2445
Delta R.T. -0.10 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:252 Resp: 255509

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	13.4	12.1	18.1



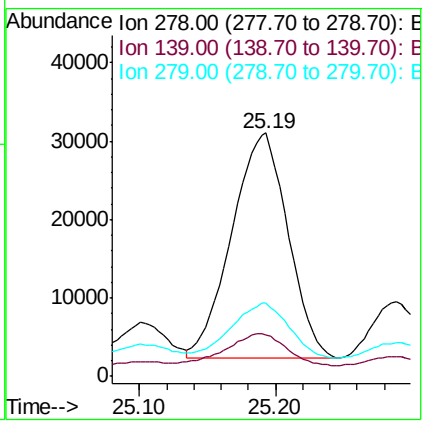


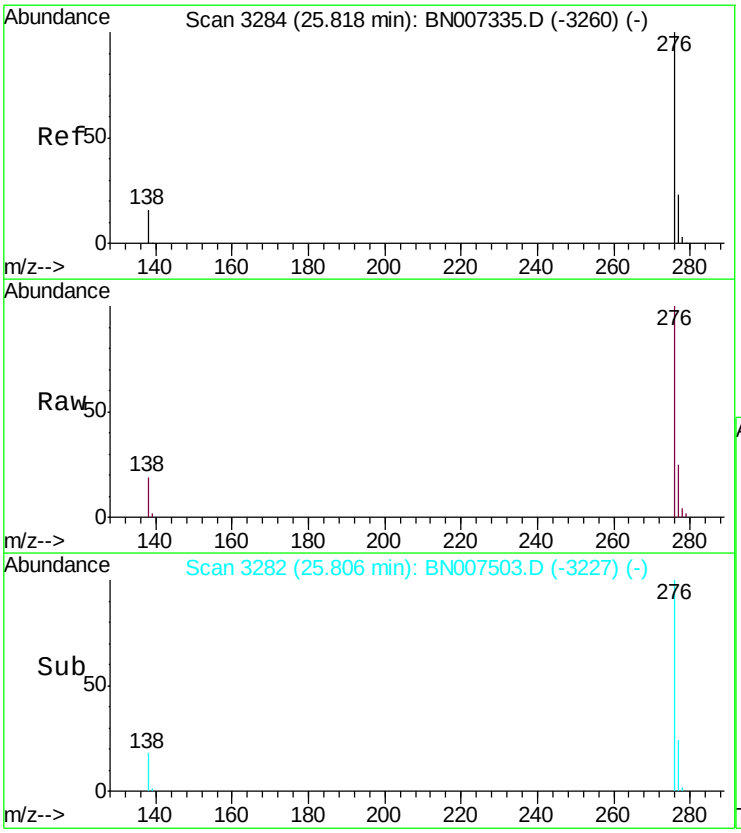
#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2DL

Tgt Ion:278 Resp: 82105

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.7	20.5
279	30.1	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.254 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007503.D
Acq: 29 Aug 2019 14:55

Tgt Ion:276 Resp: 272880

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	19.0	16.3	24.5