Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007114.D
Acq On : 13 Aug 2019 04:30
Operator : HP/JU
Sample : K4143-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 06:29:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9302	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	36108	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21241	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	51412	0.40	ng		0.00
26) Chrysene-d12	21.05	240	50869	0.40	ng		-0.01
32) Perylene-d12	23.15	264	55087	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6906	0.31	ng		0.00
4) Phenol-d6	6.61	99	9407	0.34	ng		0.00
7) Nitrobenzene-d5	8.56	82	7409	0.25	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	16945	0.25	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2753	0.24	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4128	0.13	ng		0.00
24) Fluoranthene-d10	18.87	212	43805	0.24	ng		0.00
28) Terphenyl-d14	19.49	244	34367	0.25	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	3128	0.031	ng	#	89
11) 2-Methylnaphthalene	11.87	142	2813	0.039	ng	#	92
15) Acenaphthylene	13.79	152	19417	0.175	ng		98
17) Fluorene	15.14	166	3480	0.033	ng	#	81
22) Phenanthrene	16.87	178	66079	0.429	ng		100
23) Anthracene	16.95	178	16546	0.118	ng	#	96
25) Fluoranthene	18.90	202	165156	0.838	ng		100
27) Pyrene	19.26	202	163344	0.916	ng		96
29) Benzo(a)anthracene	21.08	228	107380	0.577	ng		93
30) Chrysene	21.08	228	107035	0.592	ng		96
31) Indeno(1,2,3-cd)pyrene	25.23	276	71731	0.360	ng		98
33) Benzo(b)fluoranthene	22.54	252	152886	0.809	ng	#	95
34) Benzo(k)fluoranthene	22.54	252	152886	0.820	ng	#	95
35) Benzo(a)pyrene	23.06	252	89279	0.521	ng	#	94
36) Dibenzo(a,h)anthracene	25.24	278	18248	0.107	ng	#	64
37) Benzo(g,h,i)perylene	25.86	276	74210	0.422	ng		95

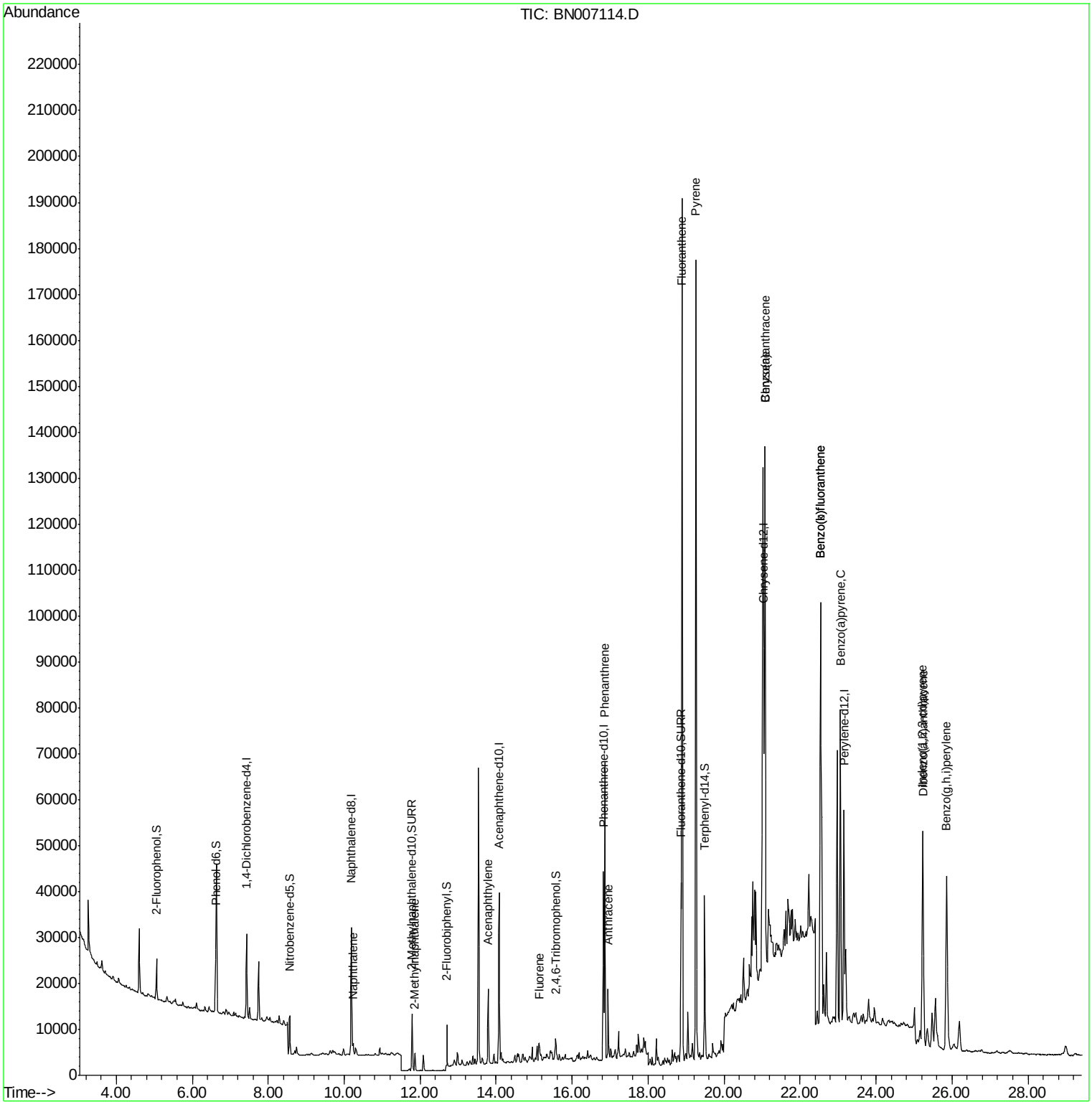
(#) = qualifier out of range (m) = manual integration (+) = signals summed

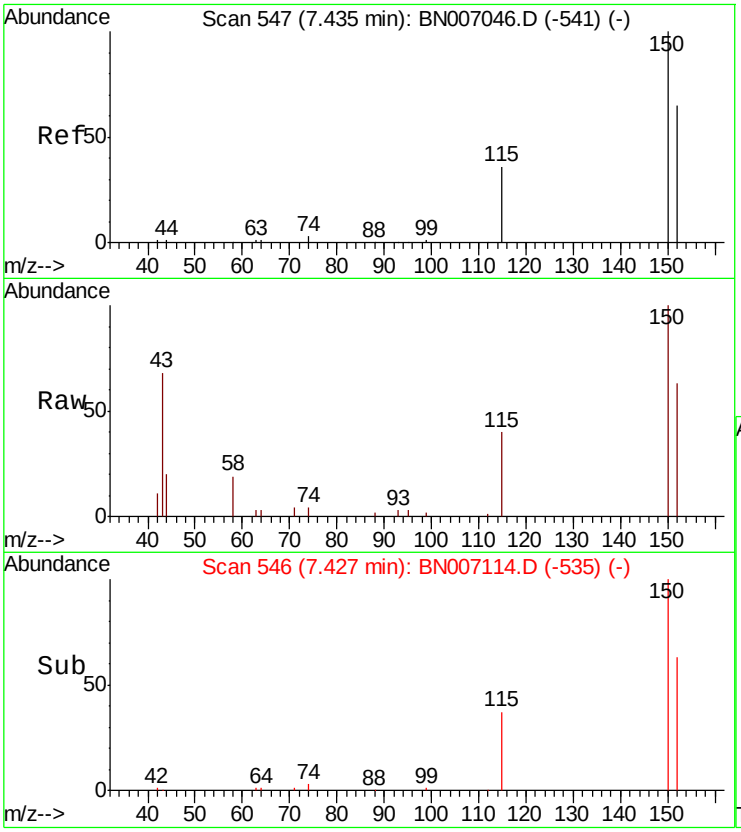
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007114.D
Acq On : 13 Aug 2019 04:30
Operator : HP/JU
Sample : K4143-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 06:29:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



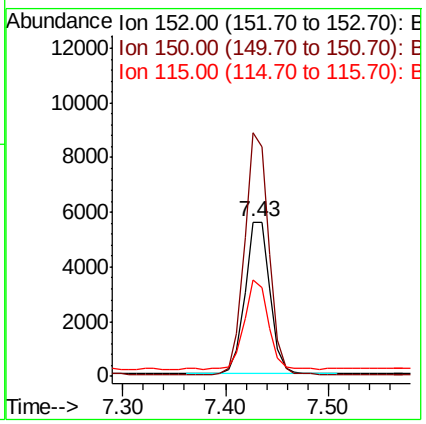


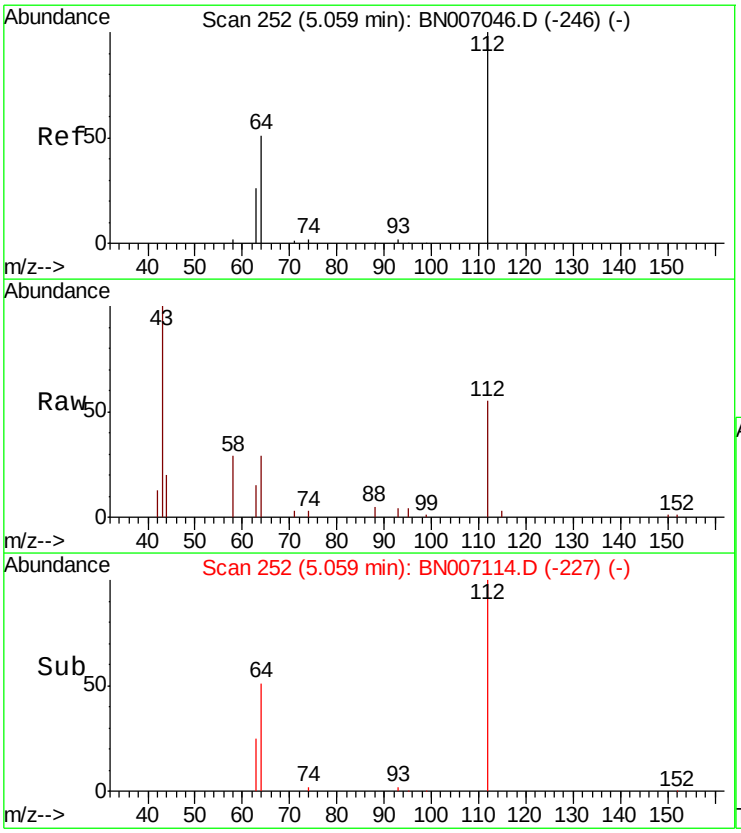
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9302

Ion	Ratio	Lower	Upper
152	100		
150	158.0	121.7	182.5
115	62.7	46.2	69.4

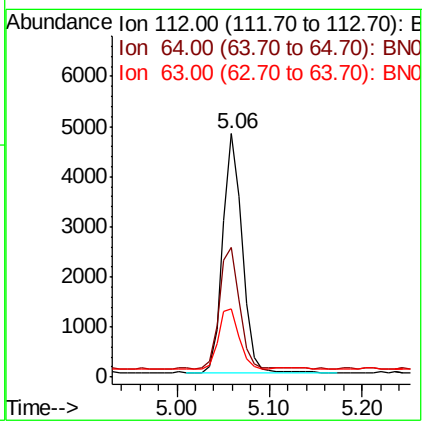


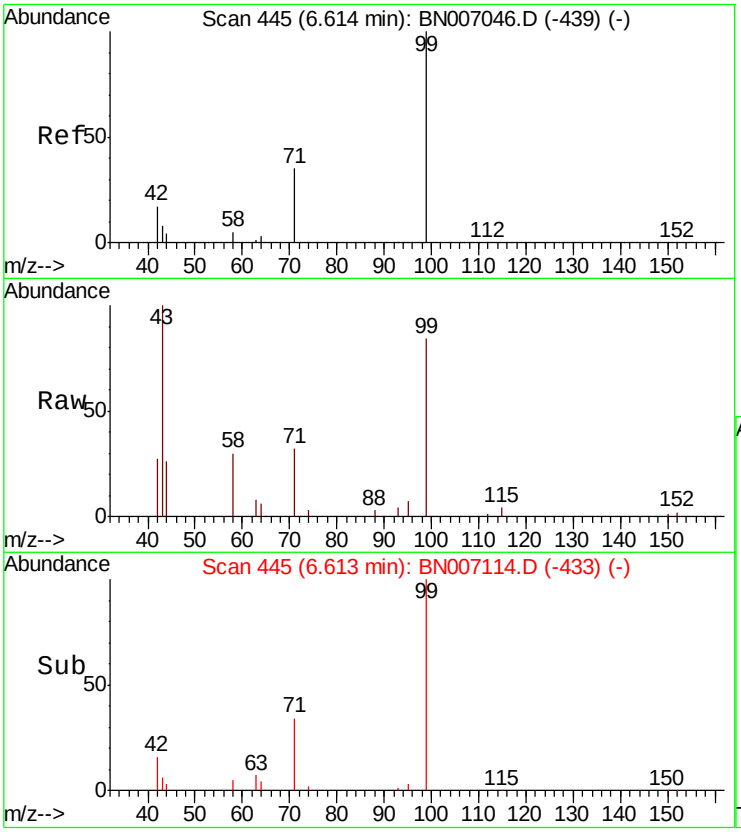


#3
2-Fluorophenol
Concen: 0.309 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:112 Resp: 6906

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	63.8
63	27.1	22.2	33.2



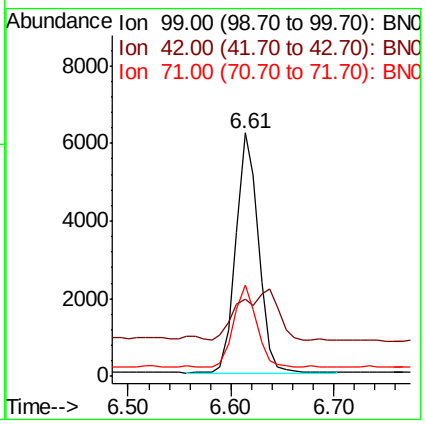


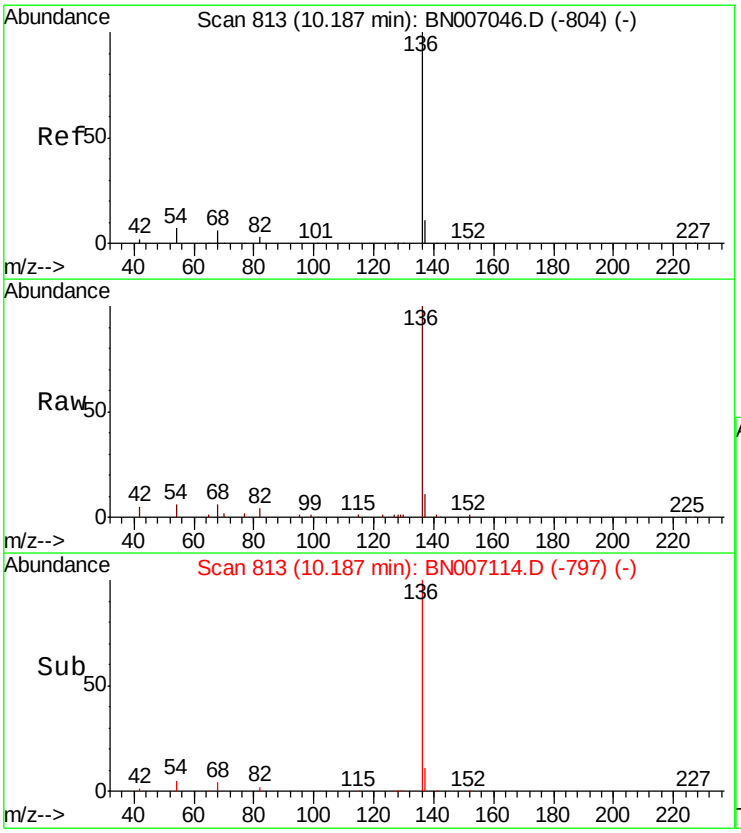
#4
Phenol-d6
Concen: 0.340 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9407

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.6	27.0	40.4

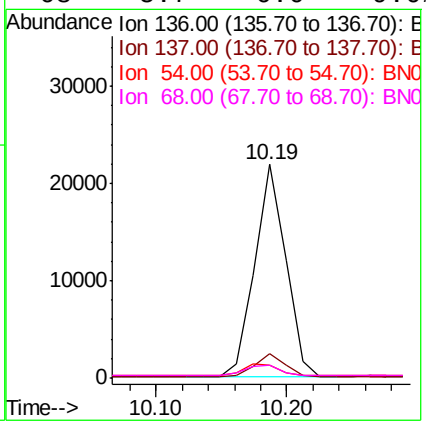


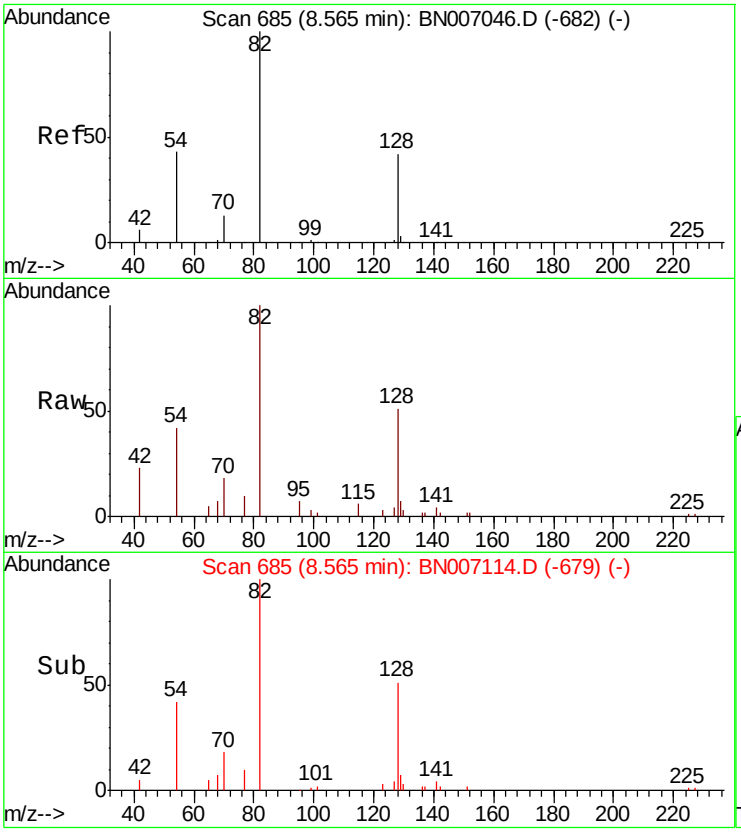


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:136 Resp: 36108

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	6.3	6.6	9.8#
68	5.7	6.0	9.0#



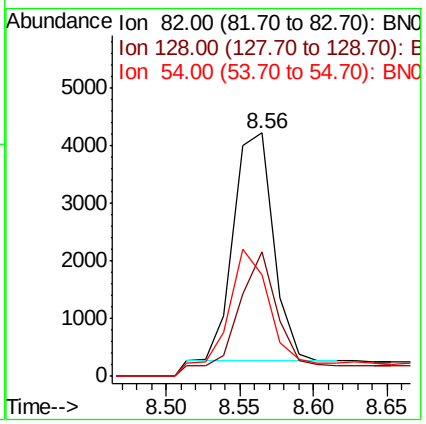


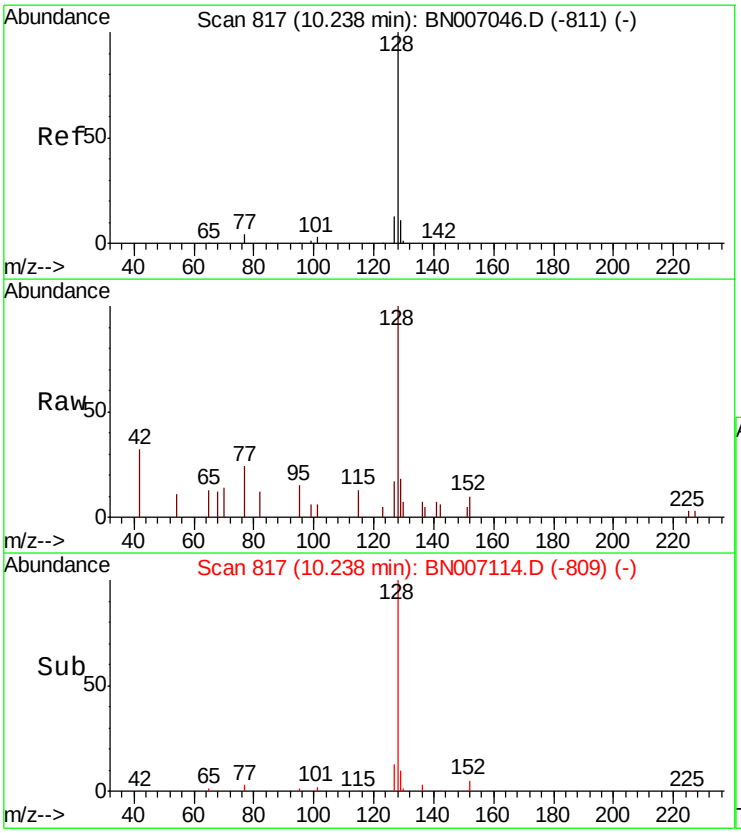
#7
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 7409

Ion	Ratio	Lower	Upper
82	100		
128	51.1	34.6	51.8
54	41.7	36.2	54.4

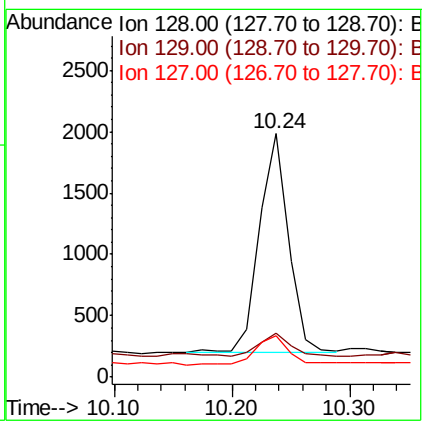


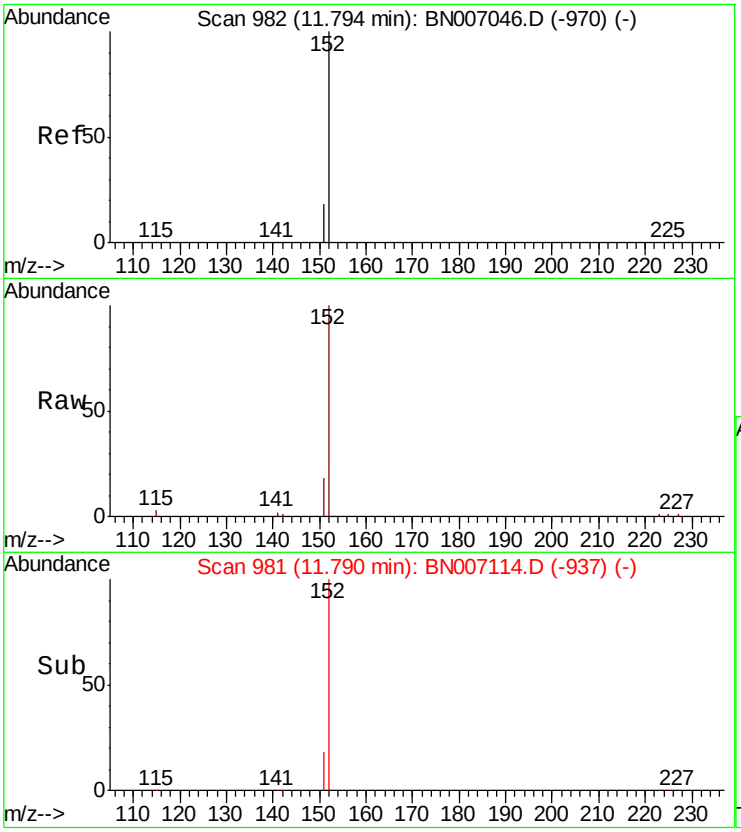


#8
Naphthalene
Concen: 0.031 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:128 Resp: 3128

Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.4	14.2#
127	16.7	11.0	16.6#



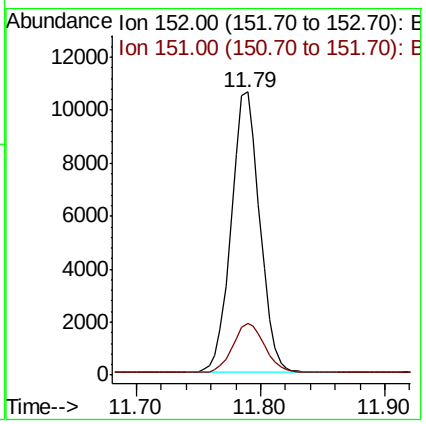


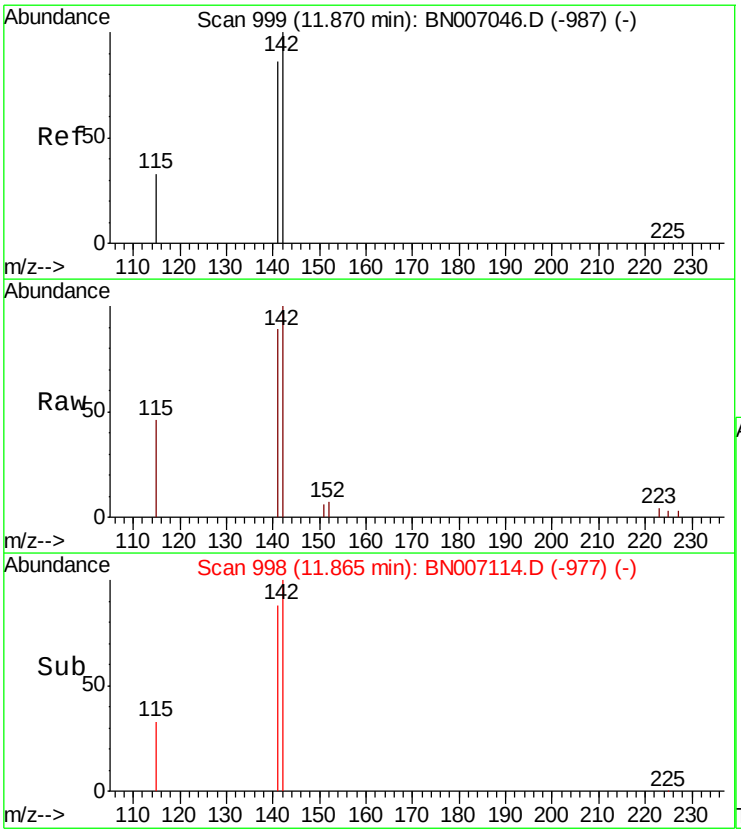
#10
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16945

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

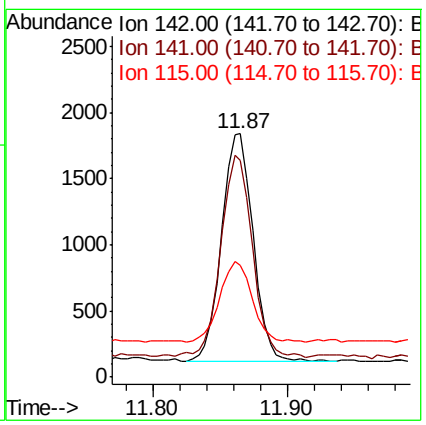


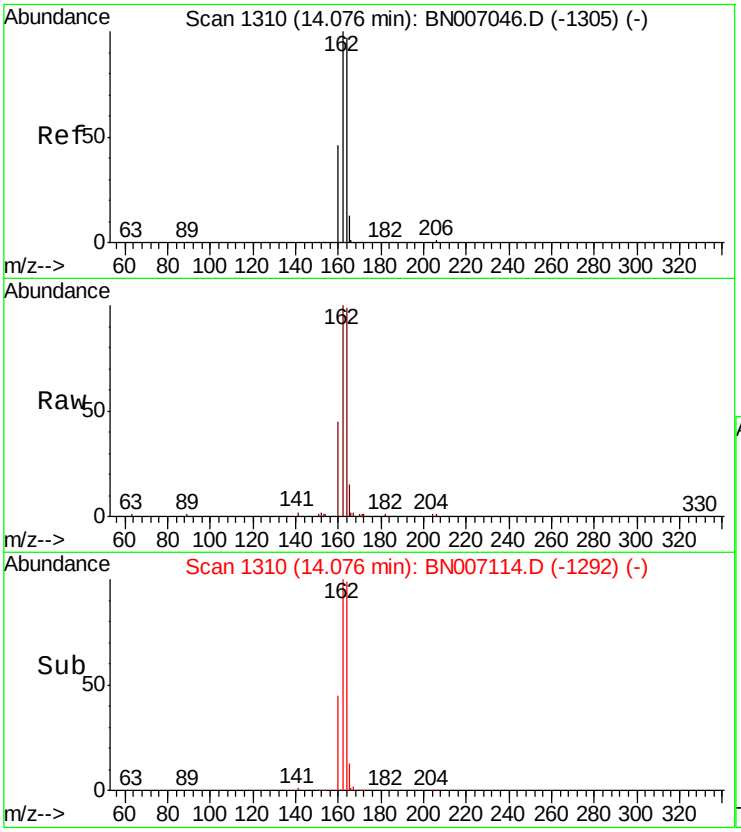


#11
2-Methylnaphthalene
Concen: 0.039 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:142 Resp: 2813

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.6
115	46.2	27.1	40.7#



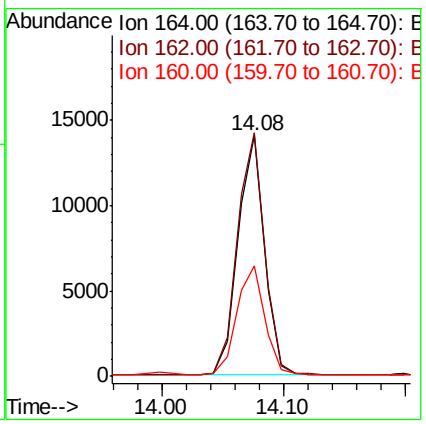


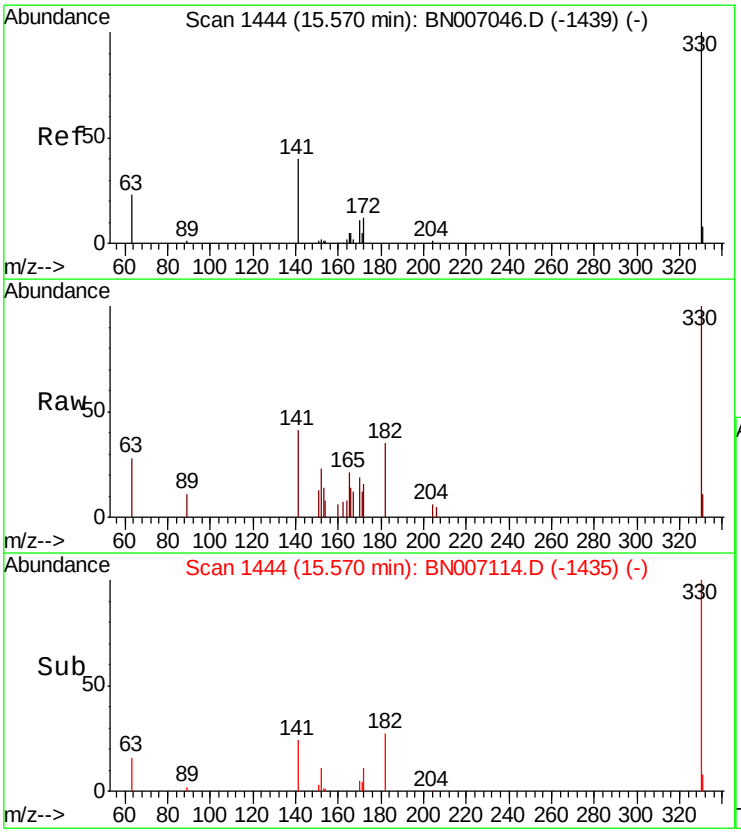
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 21241

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	45.8	38.3	57.5

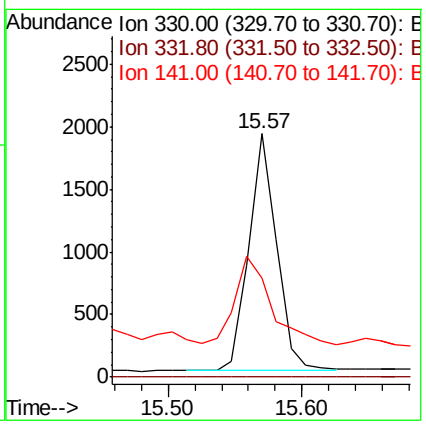


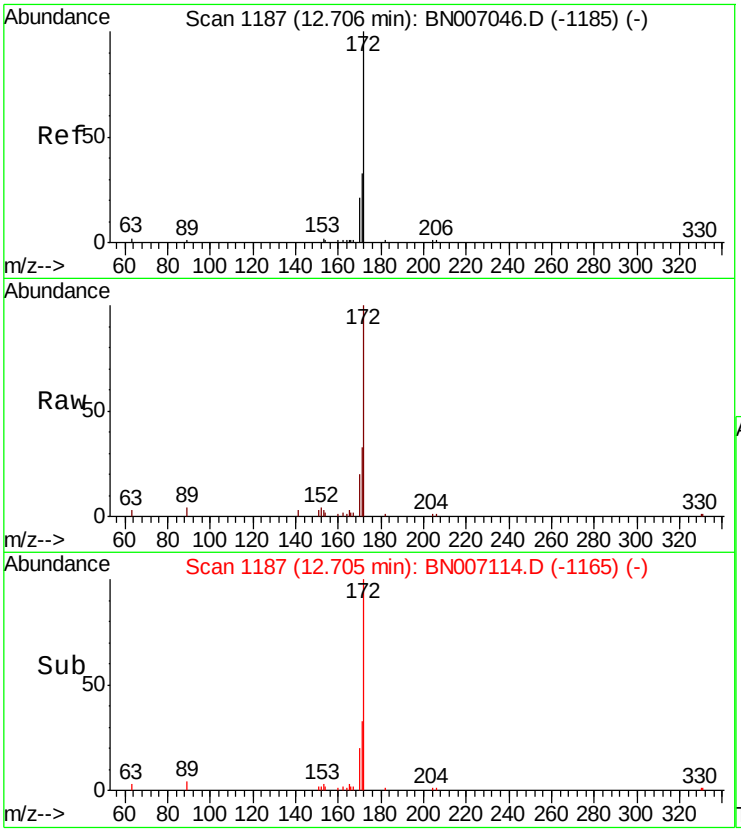


#13
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:330 Resp: 2753

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.1	33.6	50.4



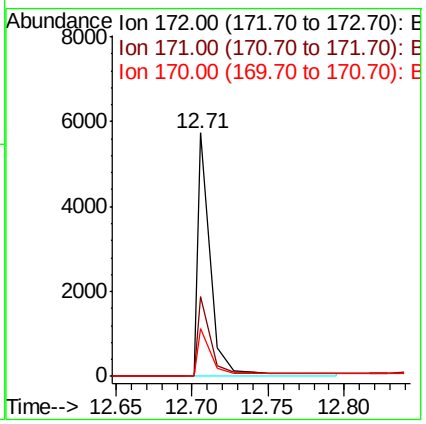


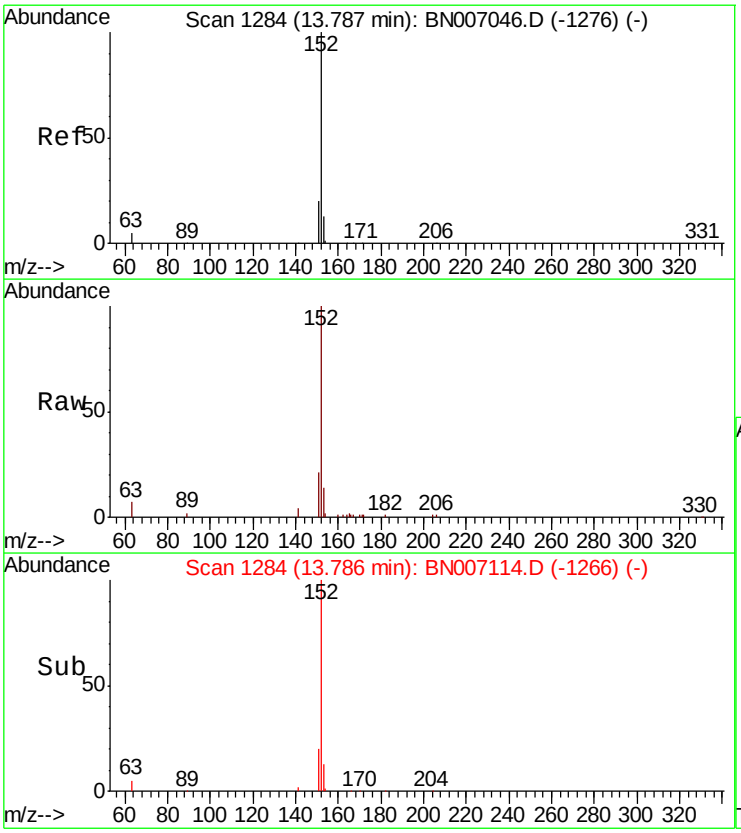
#14
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4128

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	19.8	17.0	25.4

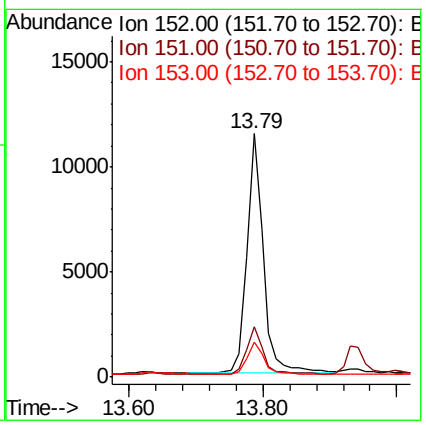


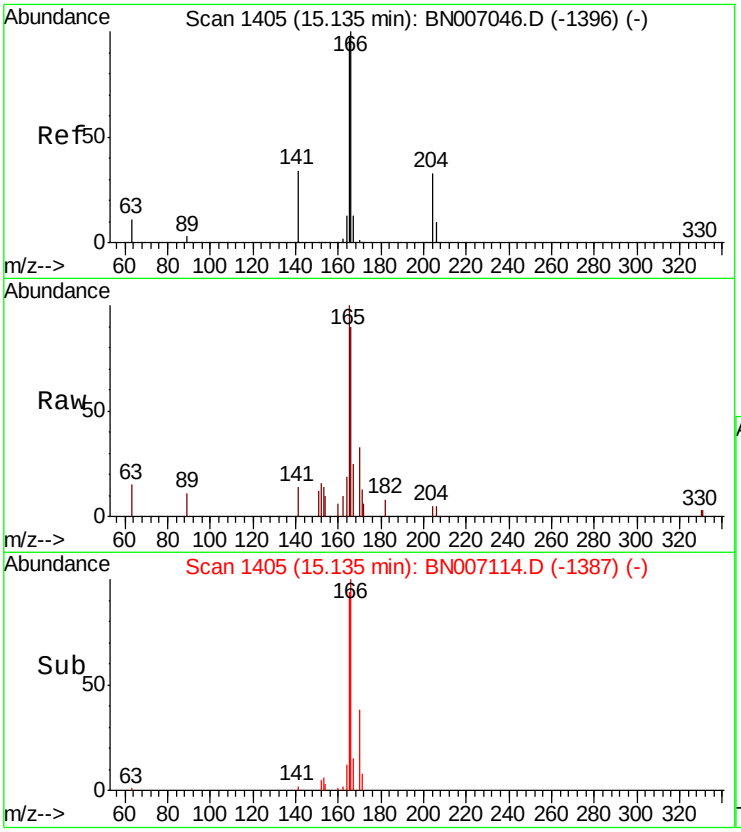


#15
Acenaphthylene
Concen: 0.175 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:152 Resp: 19417

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	14.0	10.4	15.6



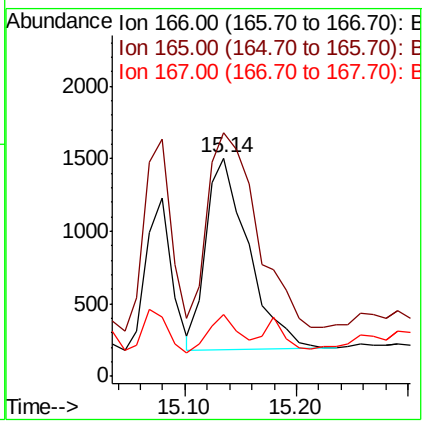


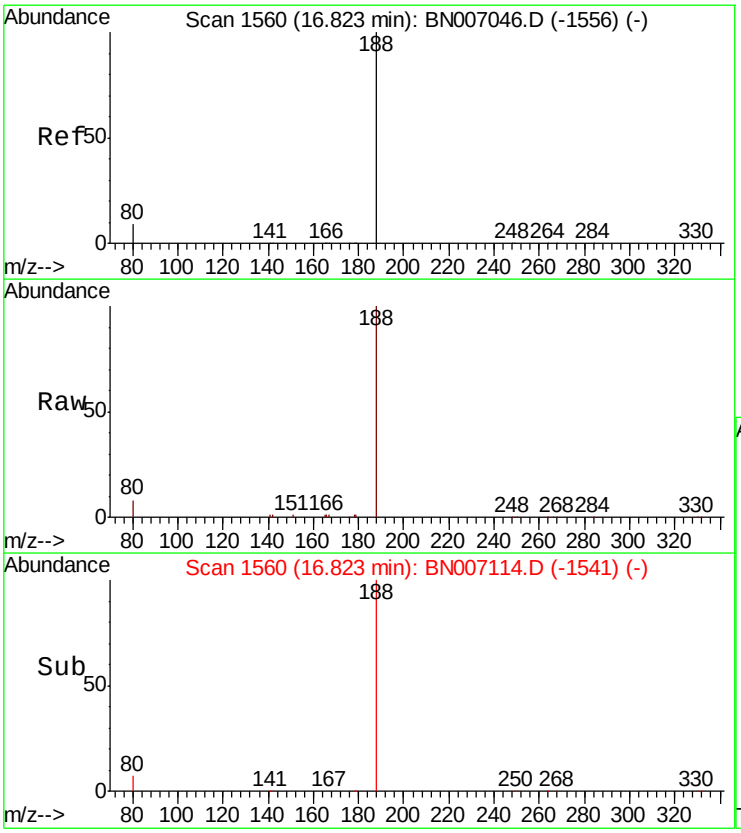
#17
Fluorene
Concen: 0.033 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 3480

Ion	Ratio	Lower	Upper
166	100		
165	118.9	77.9	116.9#
167	14.4	10.9	16.3

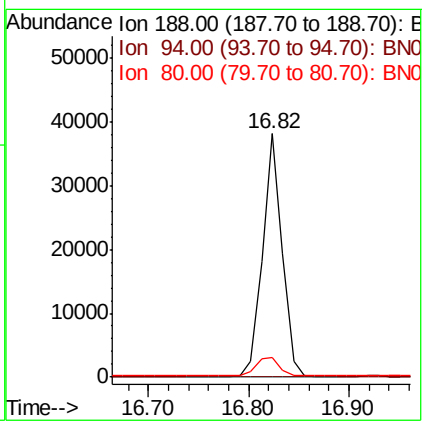


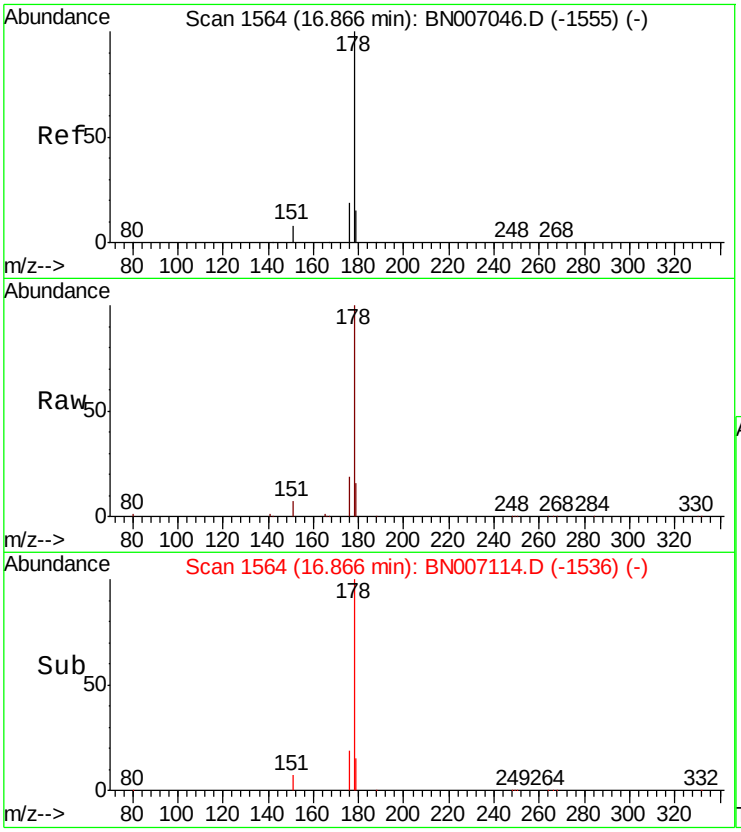


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:188 Resp: 51412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.8	11.6



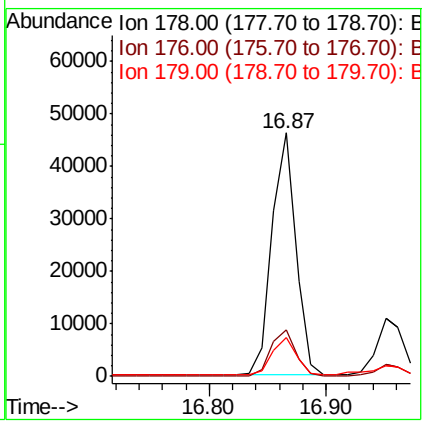


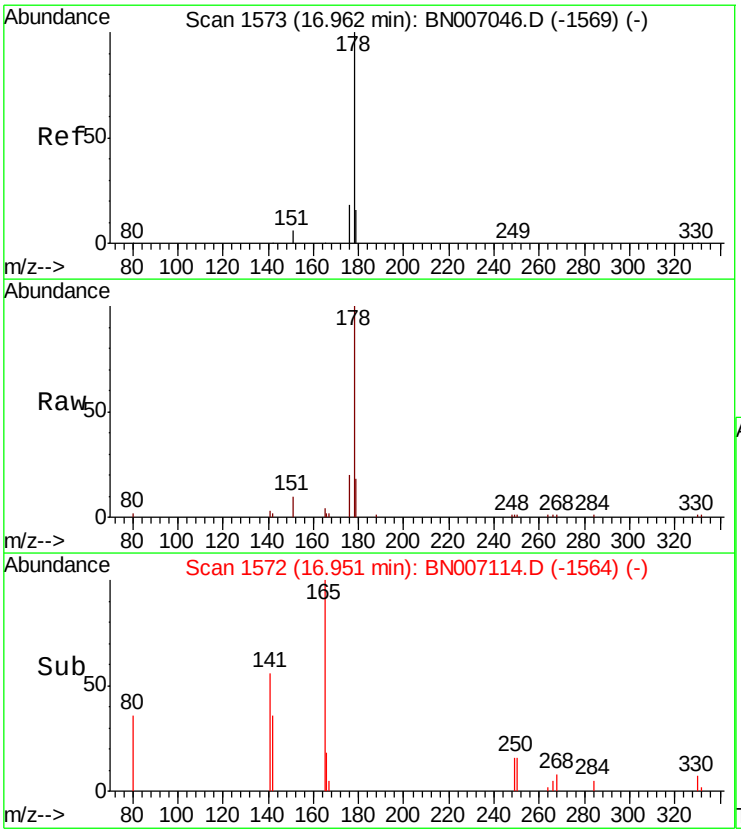
#22
Phenanthrene
Concen: 0.429 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 66079

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.7	12.3	18.5

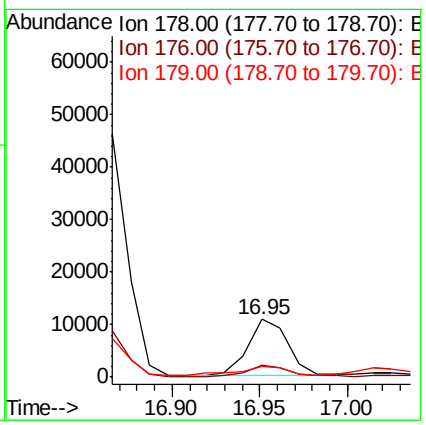


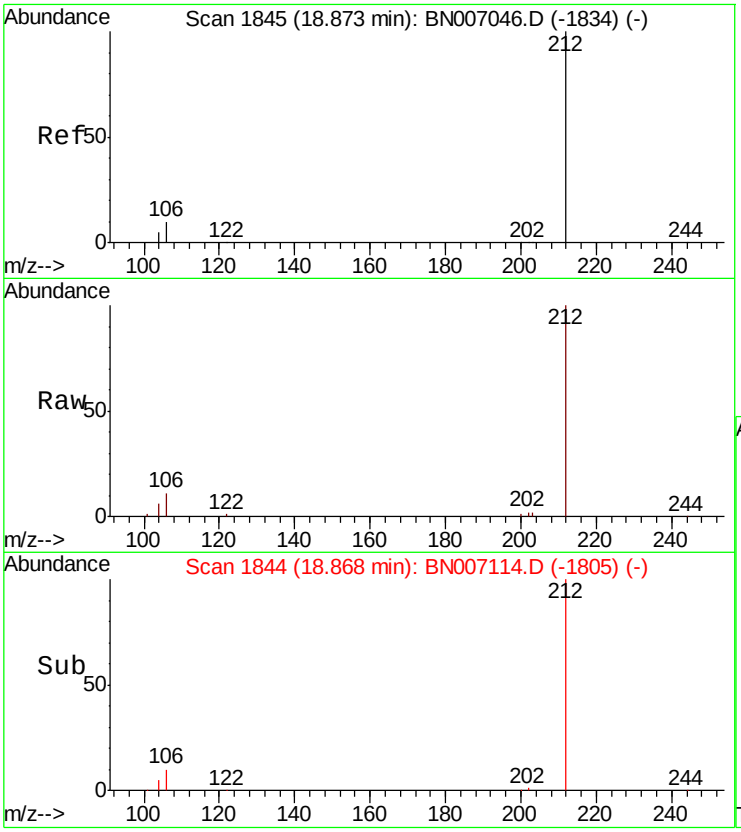


#23
Anthracene
Concen: 0.118 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:178 Resp: 16546

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	18.9	12.5	18.7#



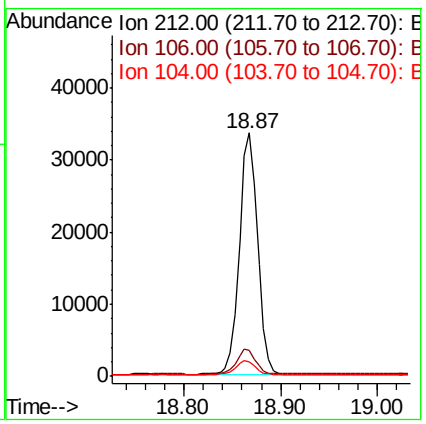


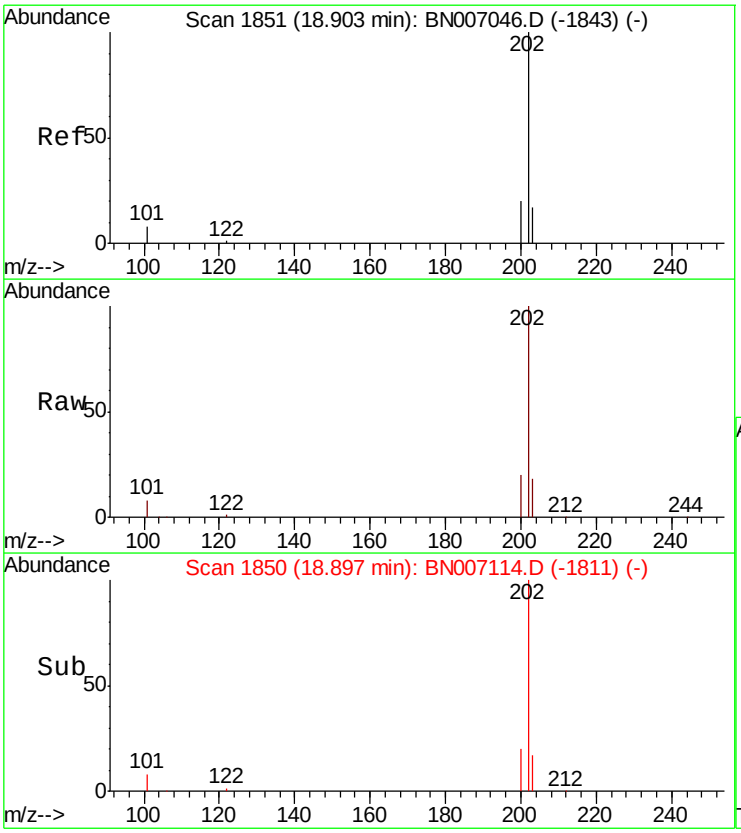
#24
Fluoranthene-d10
Concen: 0.240 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 43805

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.2
104	6.0	4.5	6.7

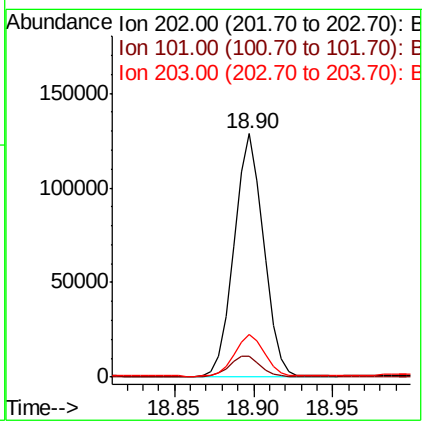


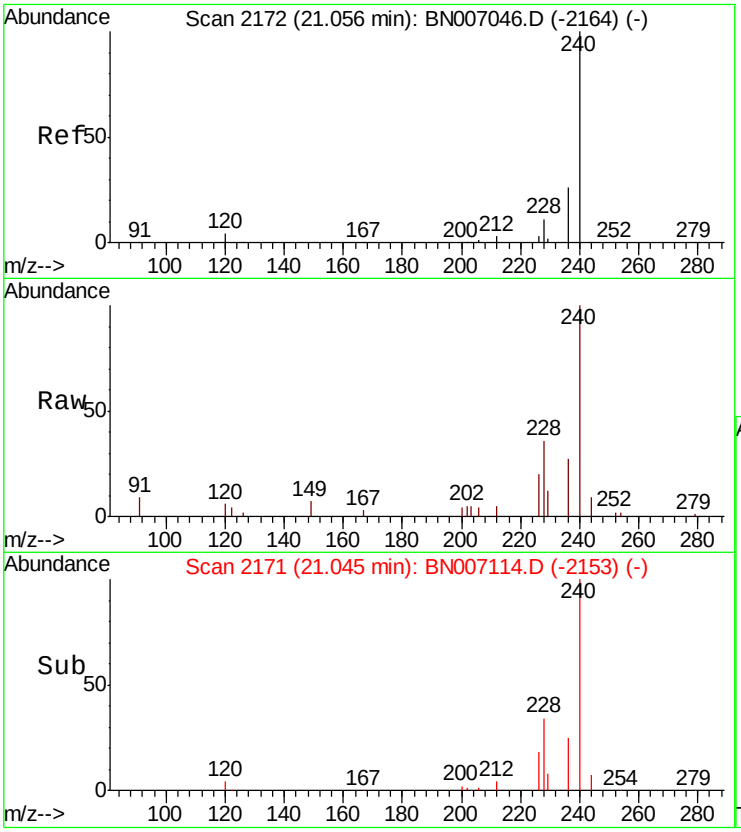


#25
Fluoranthene
Concen: 0.838 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:202 Resp: 165156

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.5	13.8	20.8



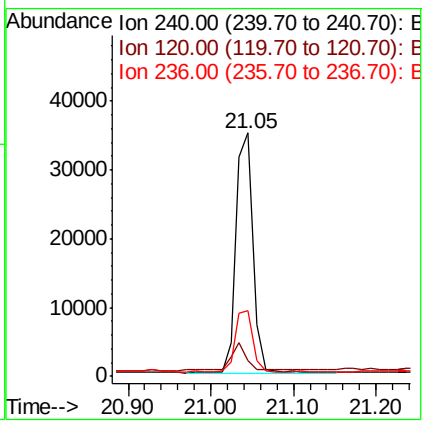


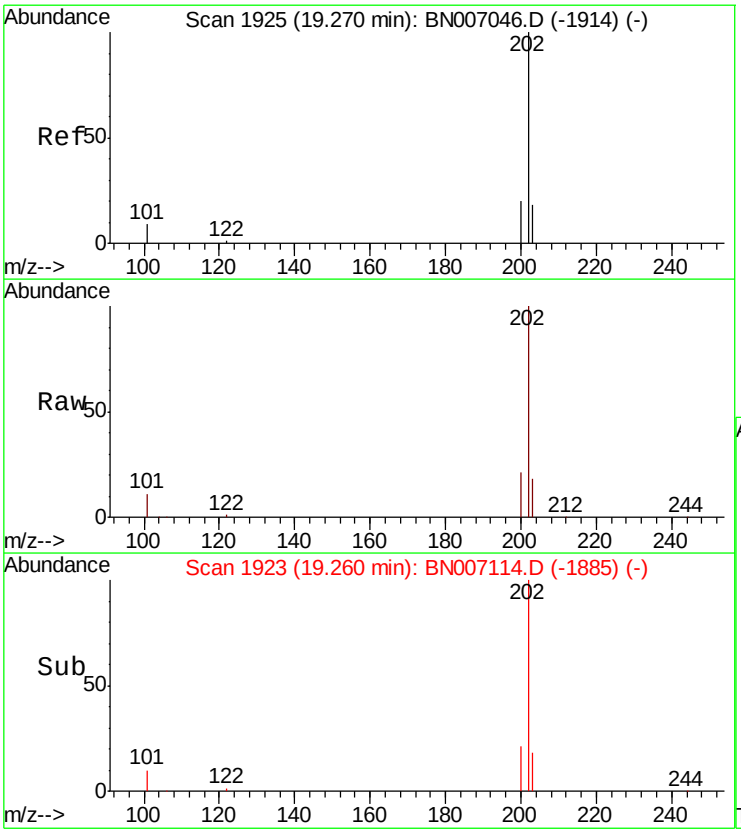
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 50869

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.0	6.0#
236	27.2	21.3	31.9

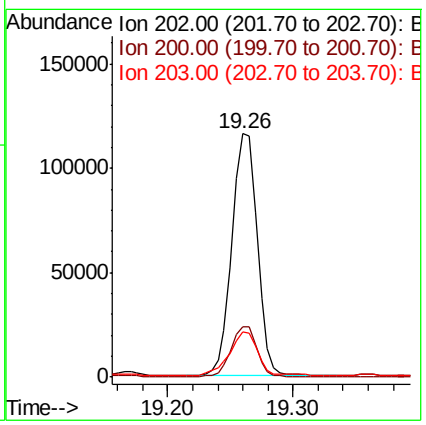


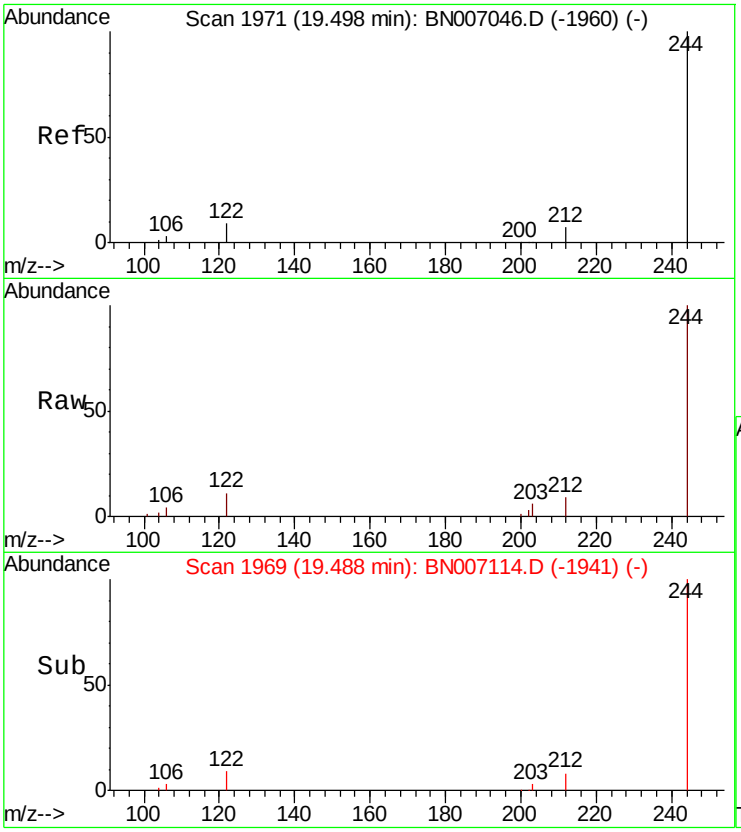


#27
Pyrene
Concen: 0.916 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:202 Resp: 163344

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	20.9	14.0	21.0



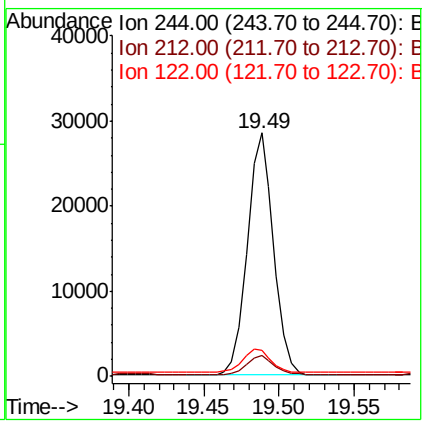


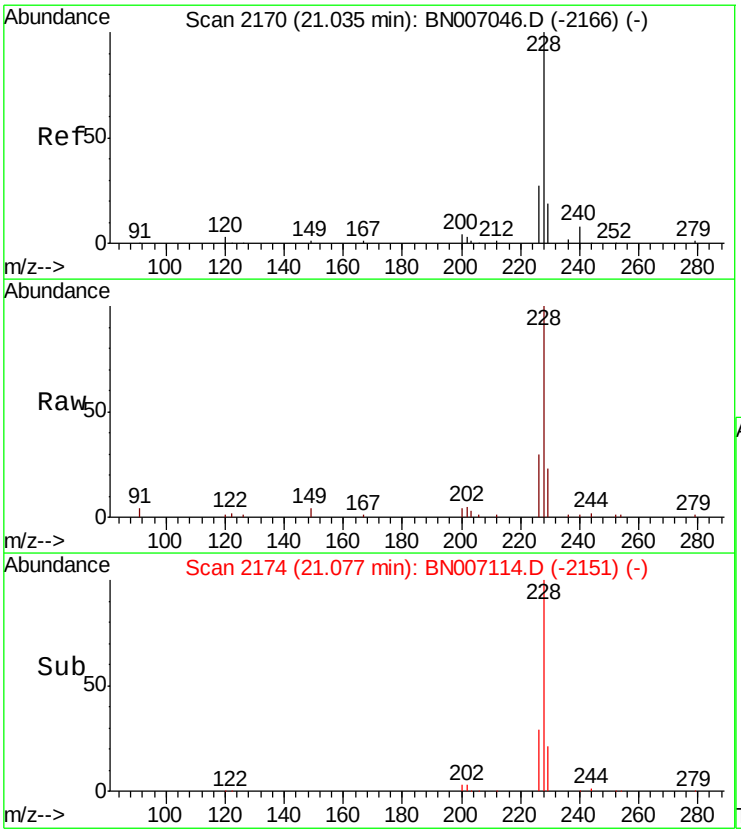
#28
Terphenyl-d14
Concen: 0.248 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 34367

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	10.7	7.4	11.2

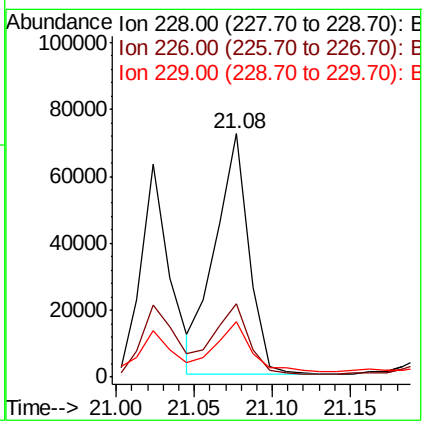


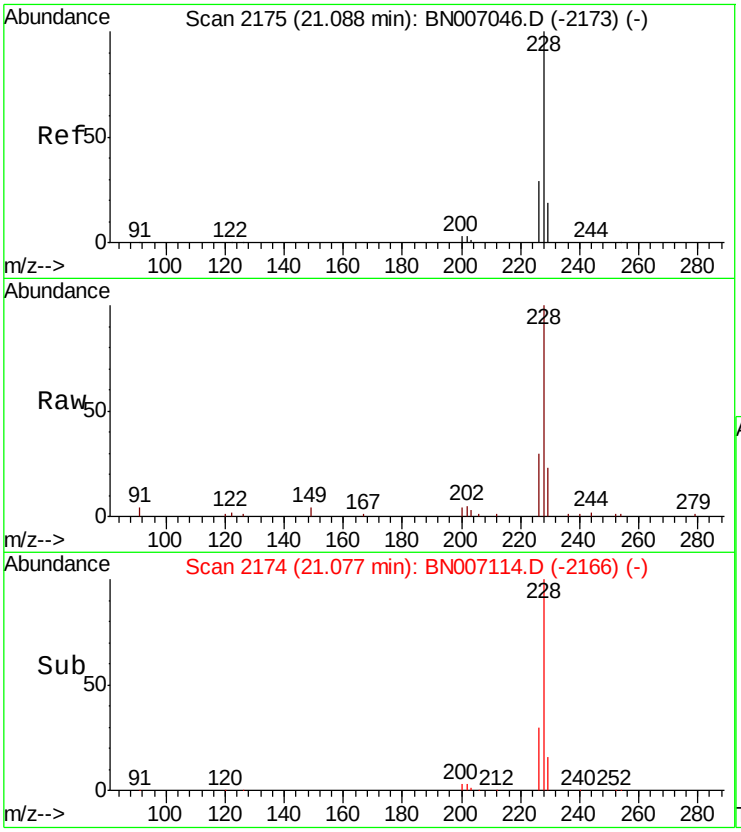


#29
Benzo(a)anthracene
Concen: 0.577 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:228 Resp: 107380

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.6
229	22.8	15.6	23.4



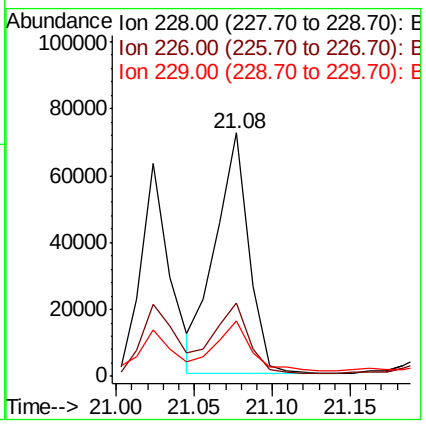


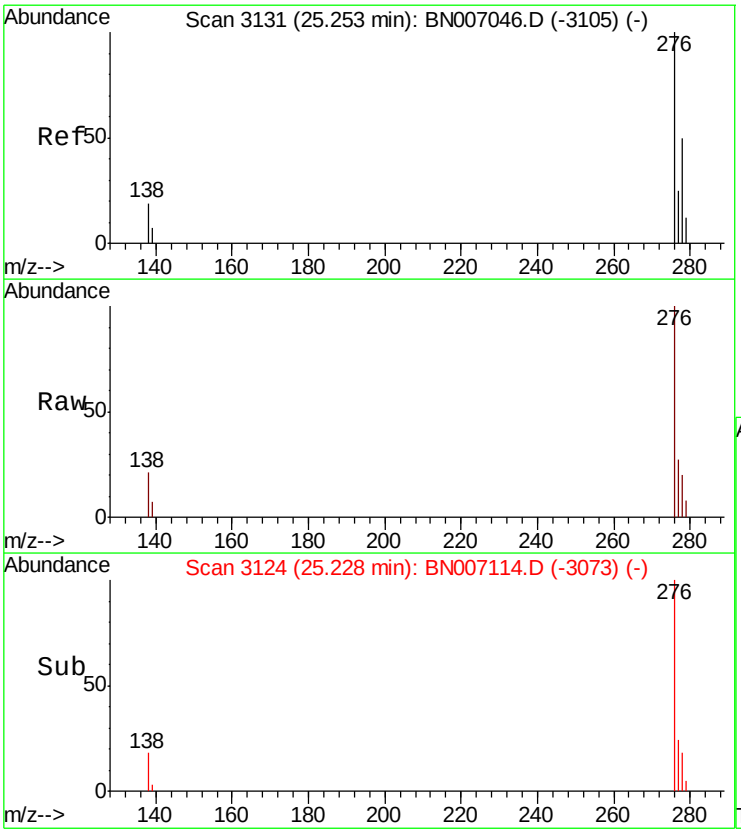
#30
Chrysene
Concen: 0.592 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 107035

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	22.8	15.7	23.5

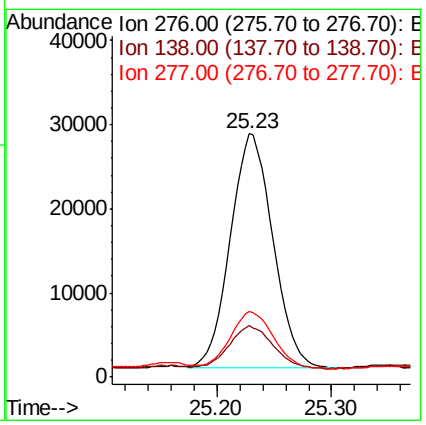


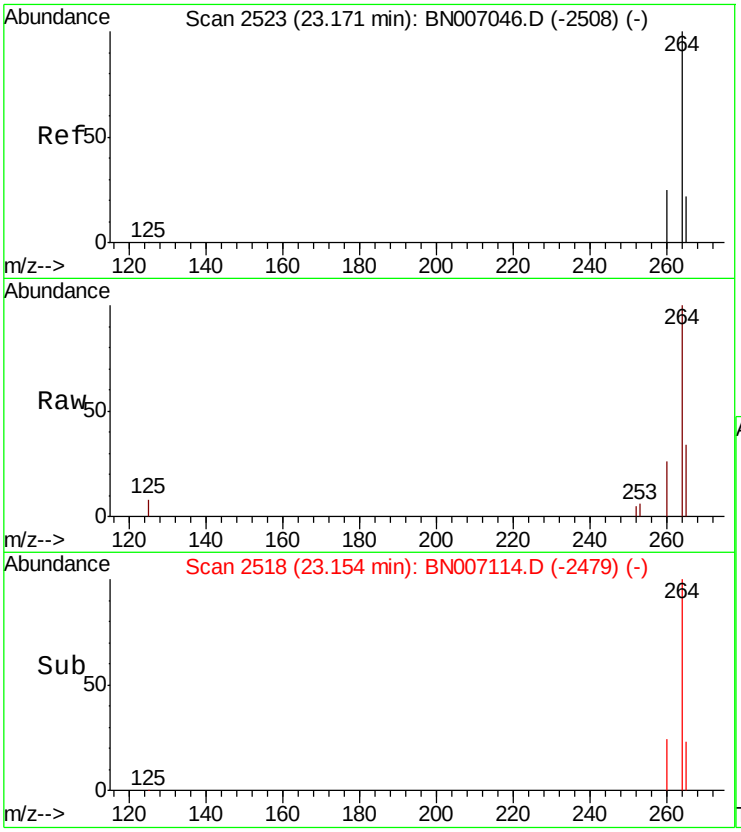


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:276 Resp: 71731

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.0	24.0
277	24.4	19.9	29.9



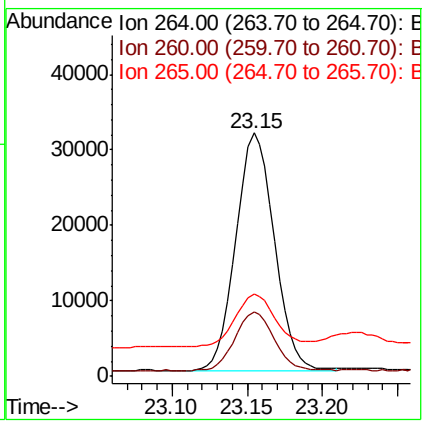


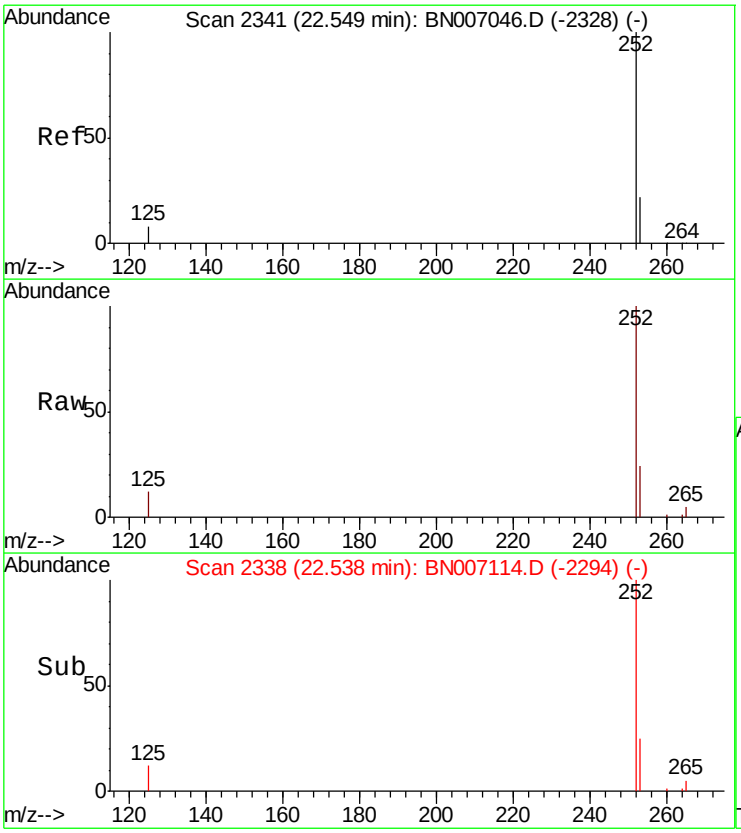
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 55087

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.8
265	33.8	26.2	39.4

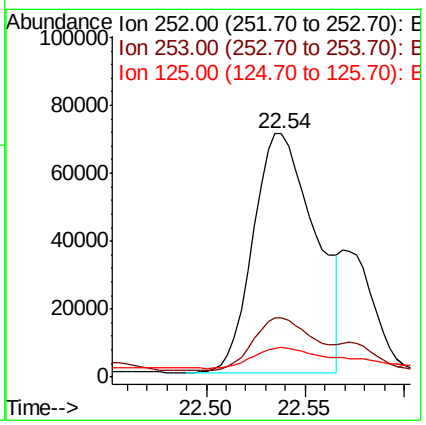


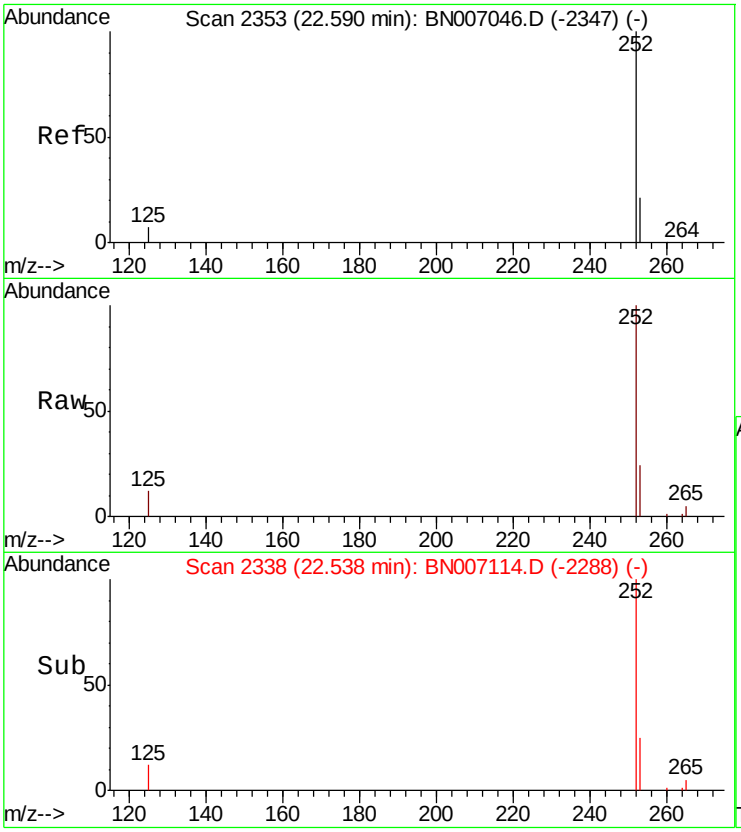


#33
Benzo(b)fluoranthene
Concen: 0.809 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:252 Resp: 152886

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	12.1	7.4	11.0#



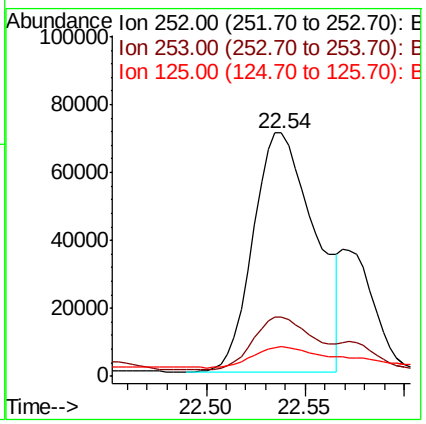


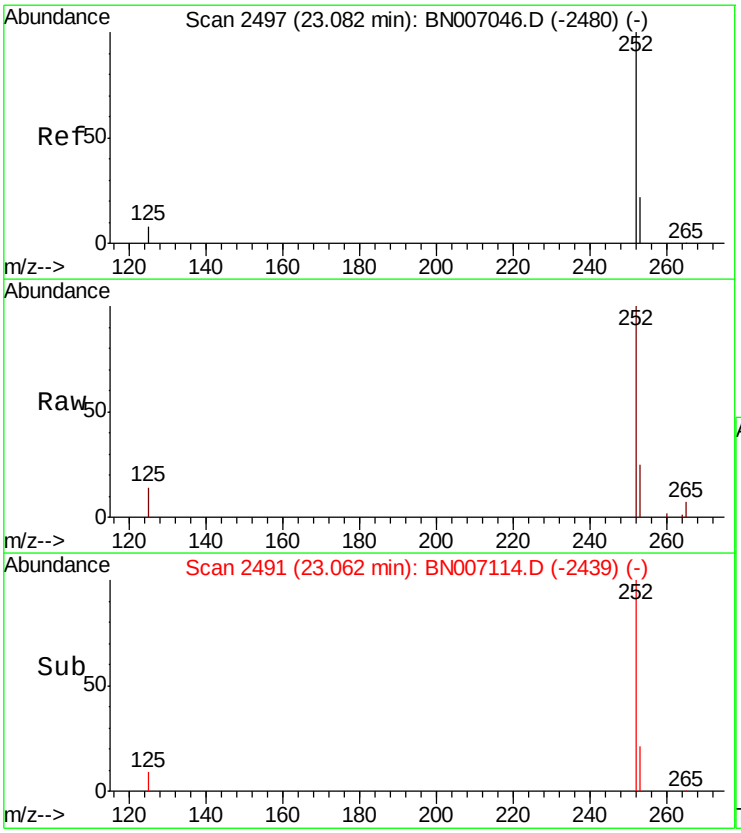
#34
Benzo(k)fluoranthene
Concen: 0.820 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 152886

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	12.1	7.4	11.0#

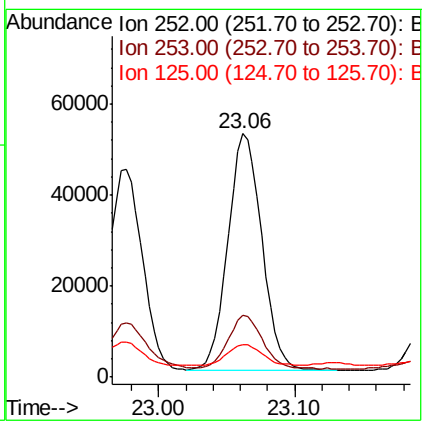


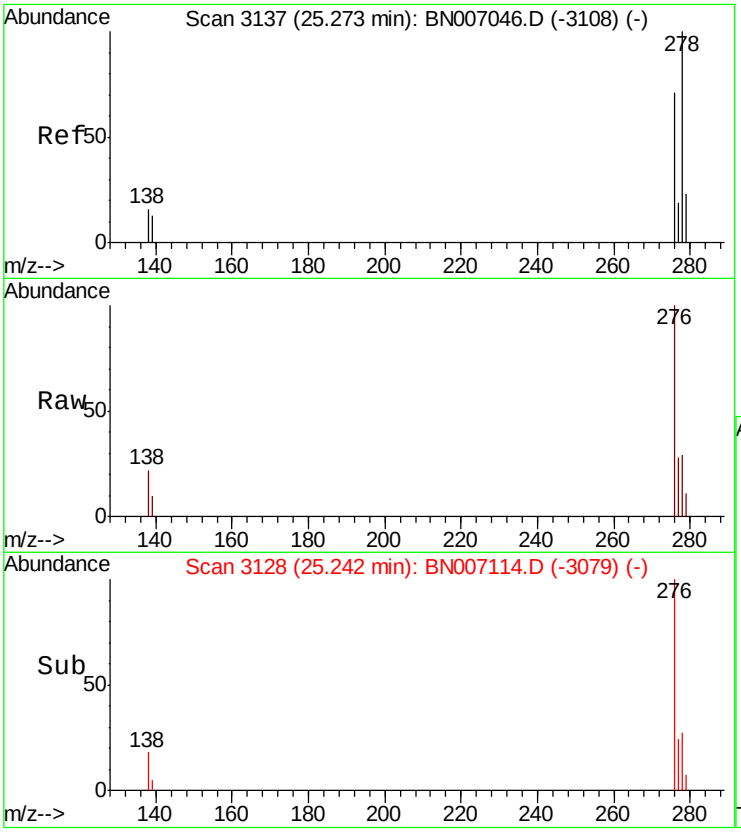


#35
Benzo(a)pyrene
Concen: 0.521 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:252 Resp: 89279

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	13.5	8.2	12.4#



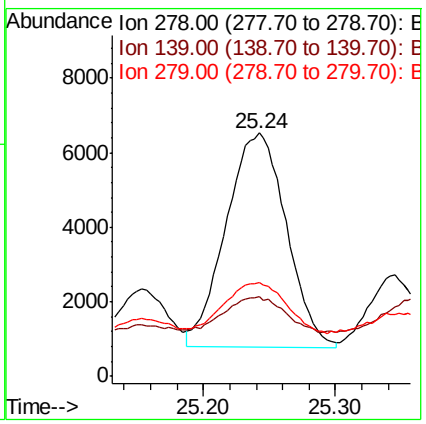


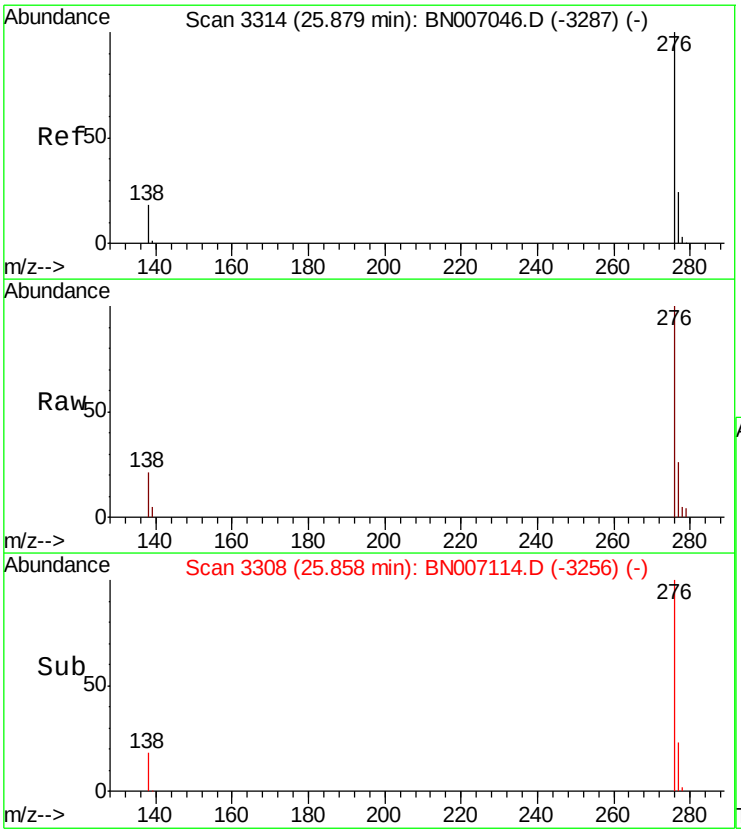
#36
Dibenzo(a,h)anthracene
Concen: 0.107 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 18248

Ion	Ratio	Lower	Upper
278	100		
139	32.9	11.3	16.9#
279	38.6	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007114.D
Acq: 13 Aug 2019 04:30

Tgt Ion:276 Resp: 74210

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.8	29.8
138	21.4	14.6	22.0