Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007123.D
Acq On : 13 Aug 2019 09:55
Operator : HP/JU
Sample : K4240-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-035-SW102-080619

Manual Integrations APPROVED
mohammad
8/14/2019 2:52:52 AM

Quant Time: Aug 13 12:25:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9085	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	35544	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	20502	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	47646	0.40	ng		0.00
26) Chrysene-d12	21.05	240	45327	0.40	ng		-0.01
32) Perylene-d12	23.16	264	50677	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	9012	0.41	ng		0.00
4) Phenol-d6	6.62	99	12107	0.45	ng		0.00
7) Nitrobenzene-d5	8.56	82	9800	0.34	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	20373	0.31	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	3362	0.30	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	5298	0.18	ng		0.00
24) Fluoranthene-d10	18.87	212	44343	0.26	ng		0.00
28) Terphenyl-d14	19.49	244	32670	0.26	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	3876	0.039	ng	#	88
11) 2-Methylnaphthalene	11.87	142	2051	0.029	ng	#	81
15) Acenaphthylene	13.79	152	49126	0.458	ng		97
16) Acenaphthene	14.13	154	4935	0.072	ng		86
17) Fluorene	15.13	166	9017	0.088	ng	#	70
22) Phenanthrene	16.87	178	110335	0.773	ng		99
23) Anthracene	16.96	178	28755	0.220	ng	#	93
25) Fluoranthene	18.90	202	240290	1.316	ng		100
27) Pyrene	19.26	202	221767	1.395	ng		96
29) Benzo(a)anthracene	21.03	228	155599	0.939	ng	#	77
30) Chrysene	21.08	228	129555	0.804	ng	#	92
31) Indeno(1,2,3-cd)pyrene	25.24	276	66261	0.373	ng		99
33) Benzo(b)fluoranthene	22.54	252	158815	0.914	ng	#	93
34) Benzo(k)fluoranthene	22.58	252	50442m	0.294	ng		
35) Benzo(a)pyrene	23.07	252	110971	0.704	ng	#	94
36) Dibenzo(a,h)anthracene	25.25	278	20624	0.131	ng	#	62
37) Benzo(g,h,i)perylene	25.87	276	60851	0.376	ng	#	92

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

Quantitation Report (QT Reviewed)

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Data File : BN007123.D
Acq On : 13 Aug 2019 09:55
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Sample : K4240-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EXT-035-SW102-080619

Manual Integrations APPROVED
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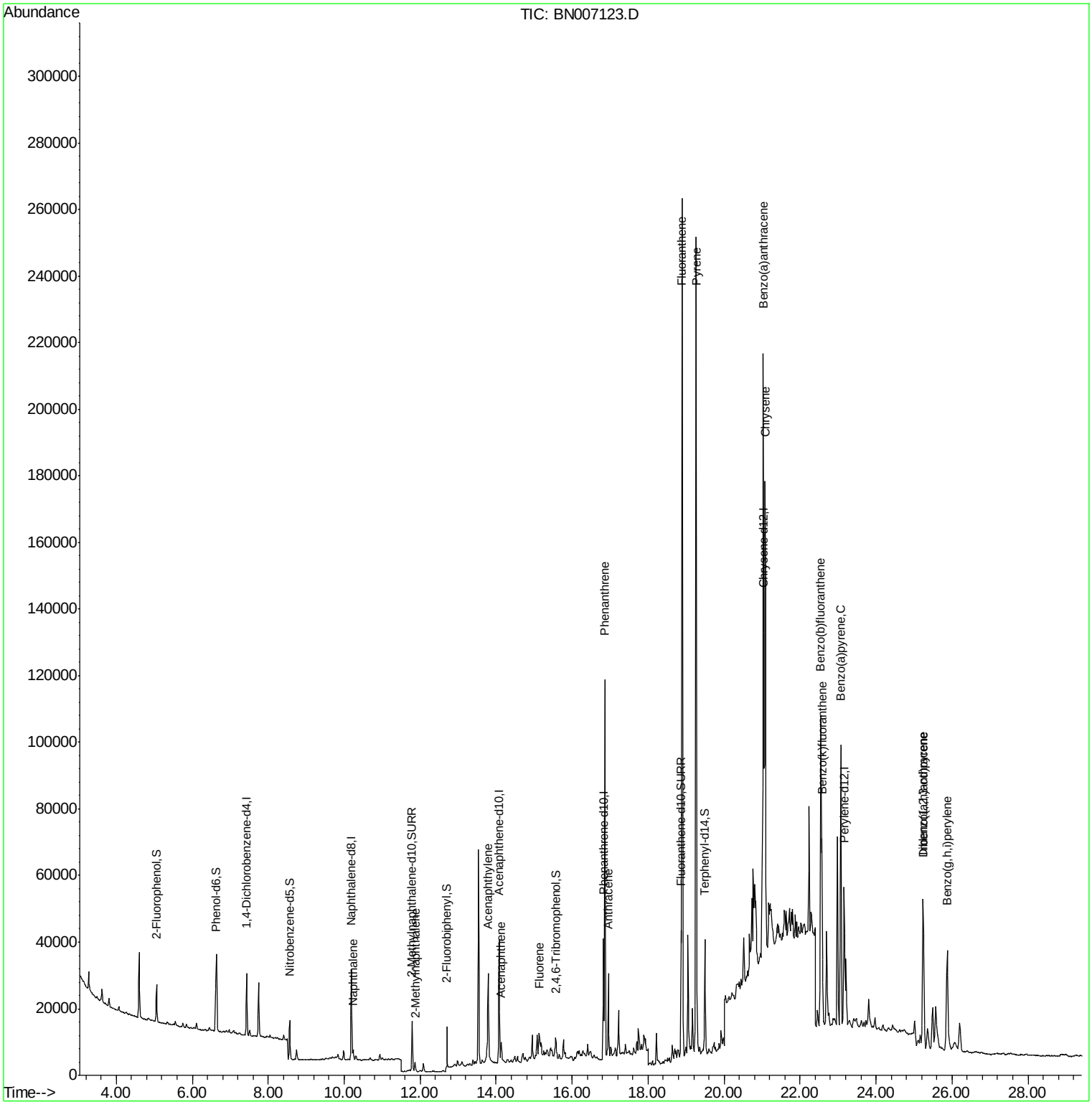
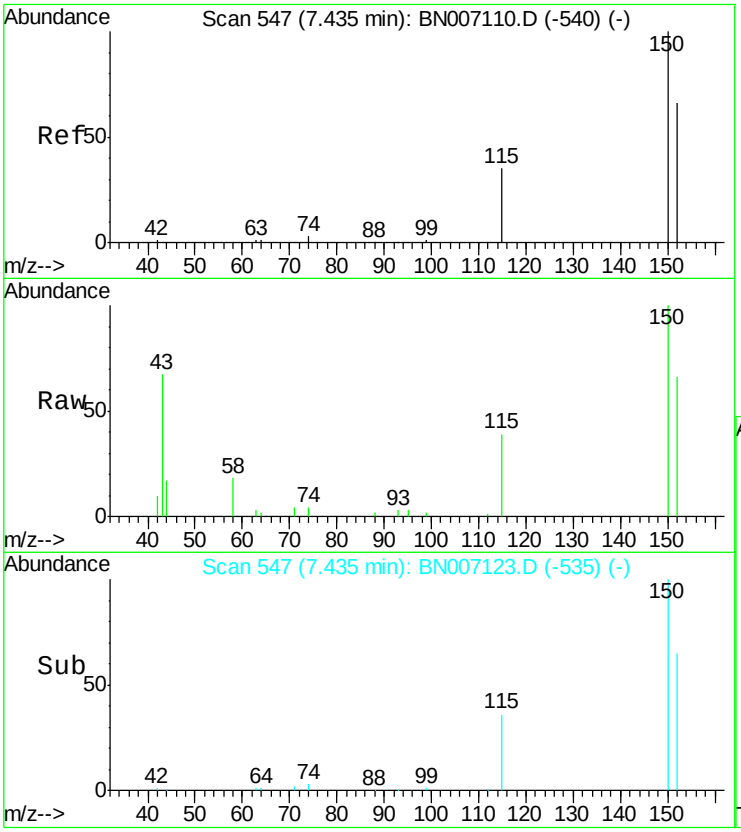
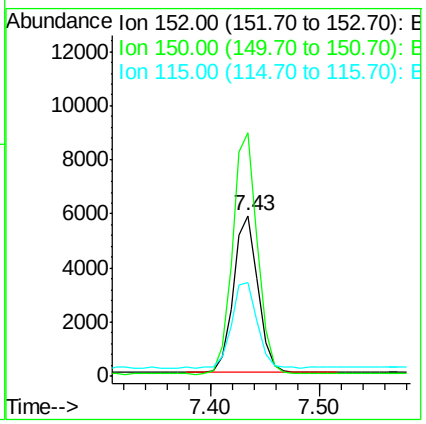




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:152 Resp: 9085

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.7	182.5
115	58.6	46.2	69.4



Instrument :
BNA_N
ClientSampleId :
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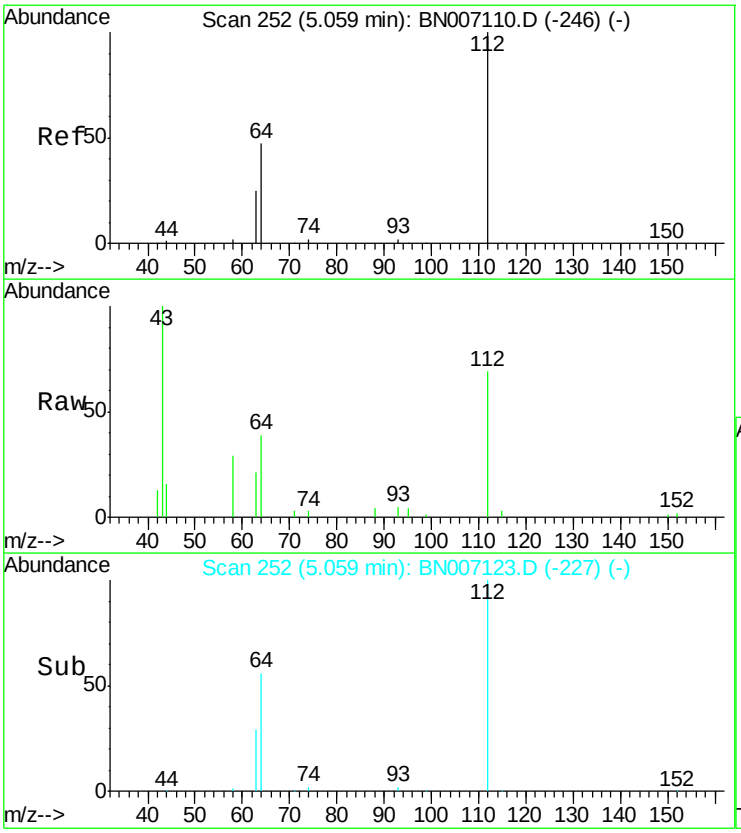
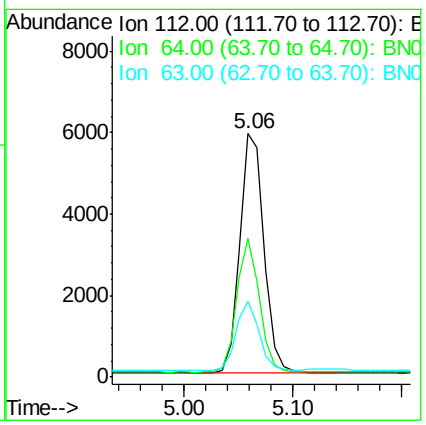
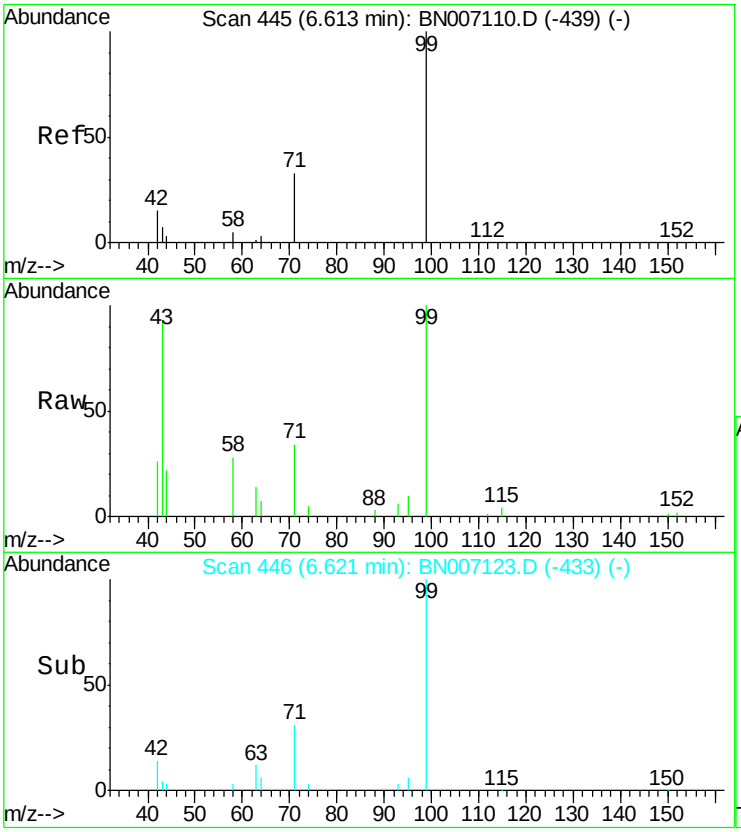


#3
2-Fluorophenol
Concen: 0.413 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:112 Resp: 9012

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	63.8
63	27.3	22.2	33.2

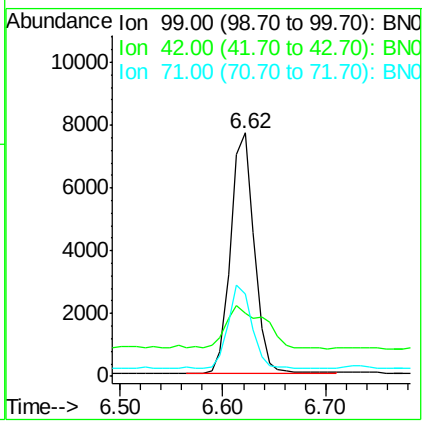




#4
Phenol-d6
Concen: 0.448 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion: 99 Resp: 12107

Ion	Ratio	Lower	Upper
99	100		
42	29.6	15.8	23.6#
71	35.4	27.0	40.4



Instrument :
BNA_N
ClientSampleId :
EXT-035-SW102-080619

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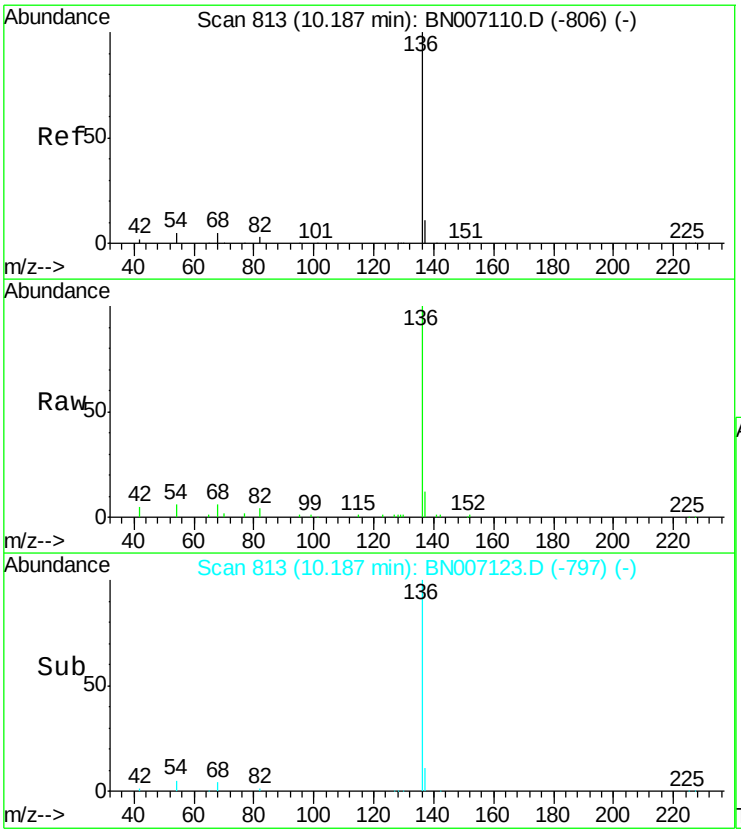
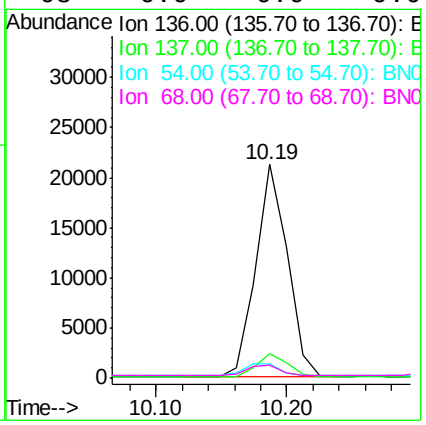
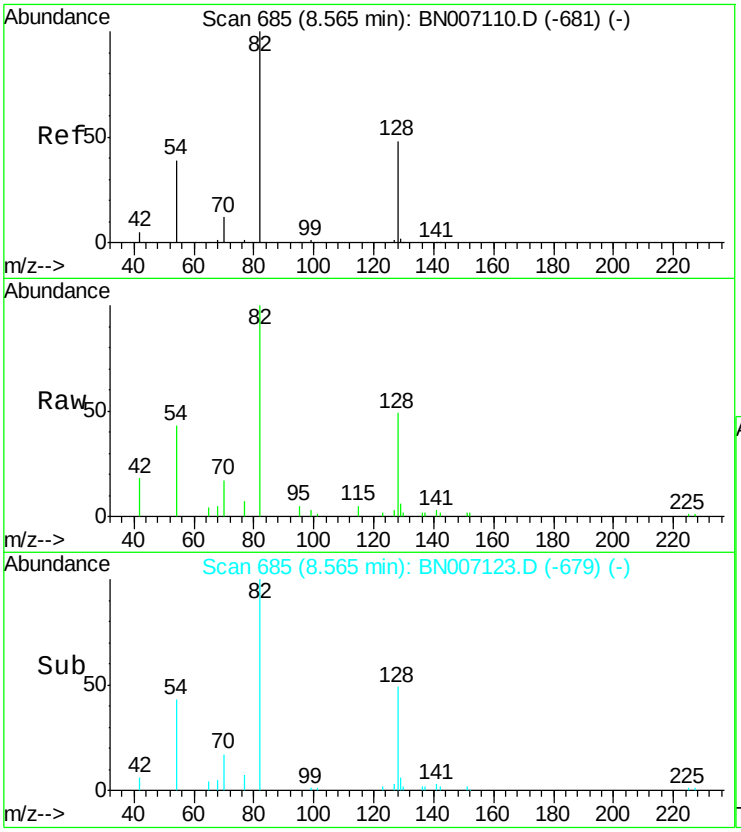


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:136 Resp: 35544

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	6.5	6.6	9.8#
68	6.0	6.0	9.0

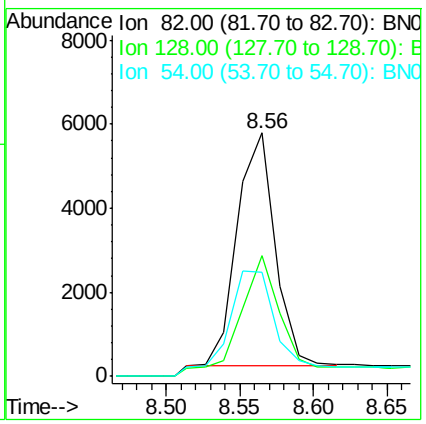




#7
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion: 82 Resp: 9800

Ion	Ratio	Lower	Upper
82	100		
128	49.4	34.6	51.8
54	42.5	36.2	54.4



Instrument :
BNA_N
ClientSampleId :
EXT-035-SW102-080619

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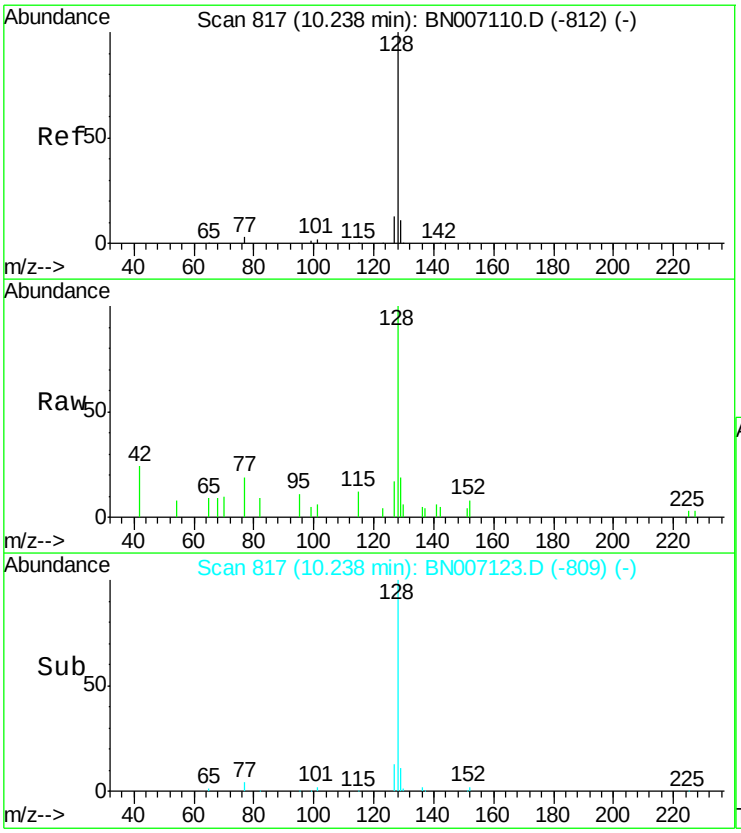
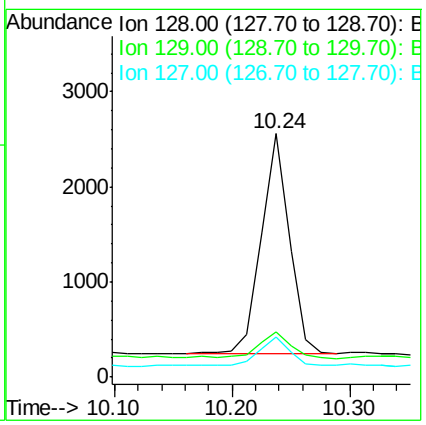
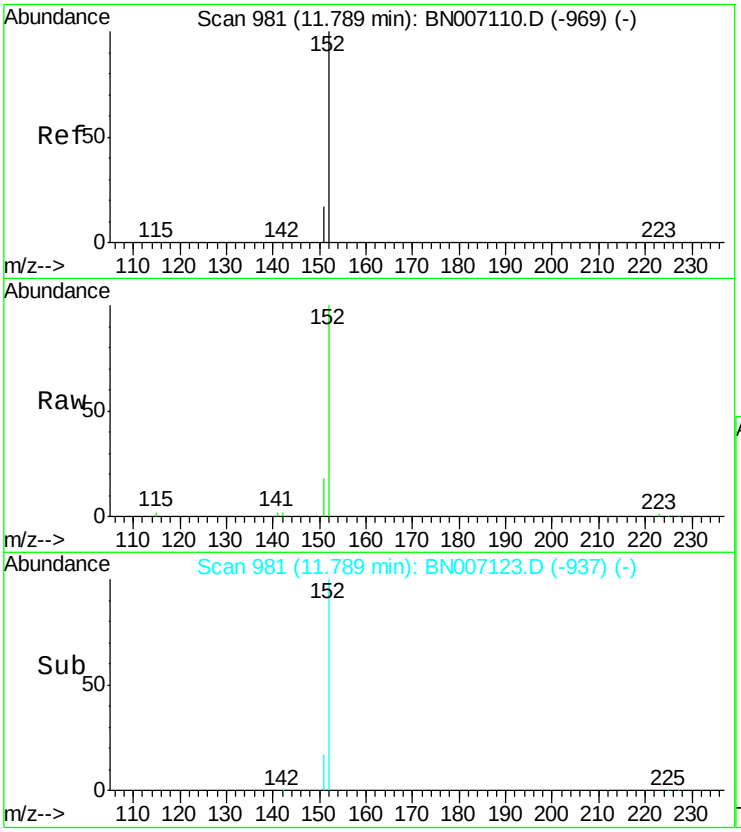


#8
Naphthalene
Concen: 0.039 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:128 Resp: 3876

Ion	Ratio	Lower	Upper
128	100		
129	18.5	9.4	14.2#
127	16.7	11.0	16.6#

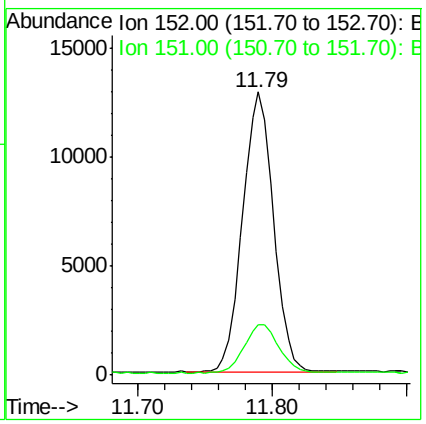




#10
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:152 Resp: 20373

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
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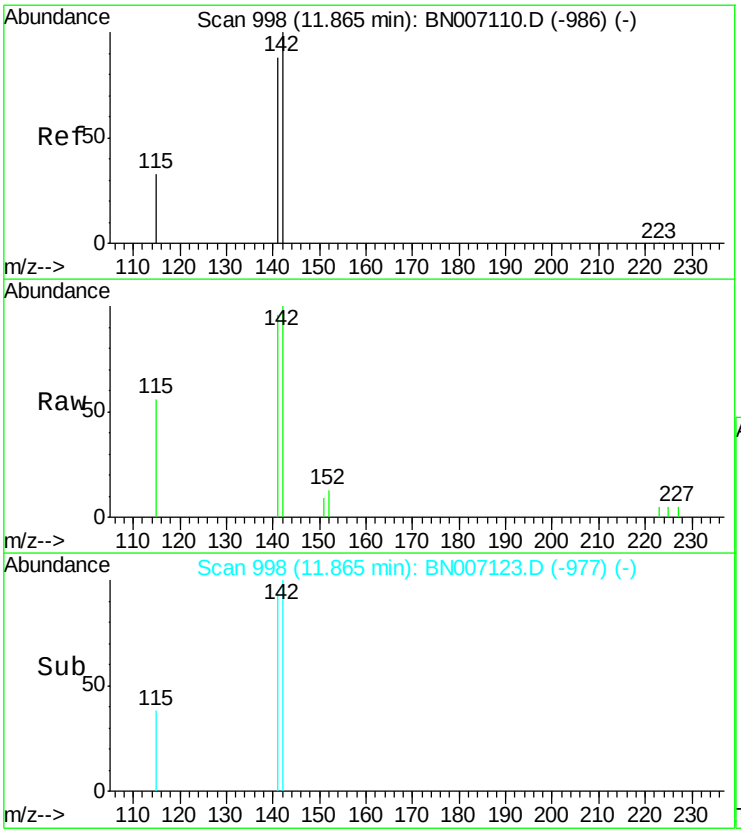
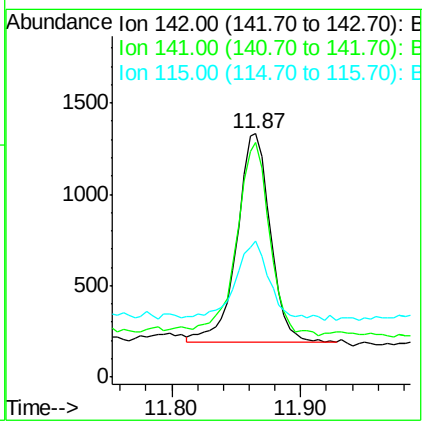
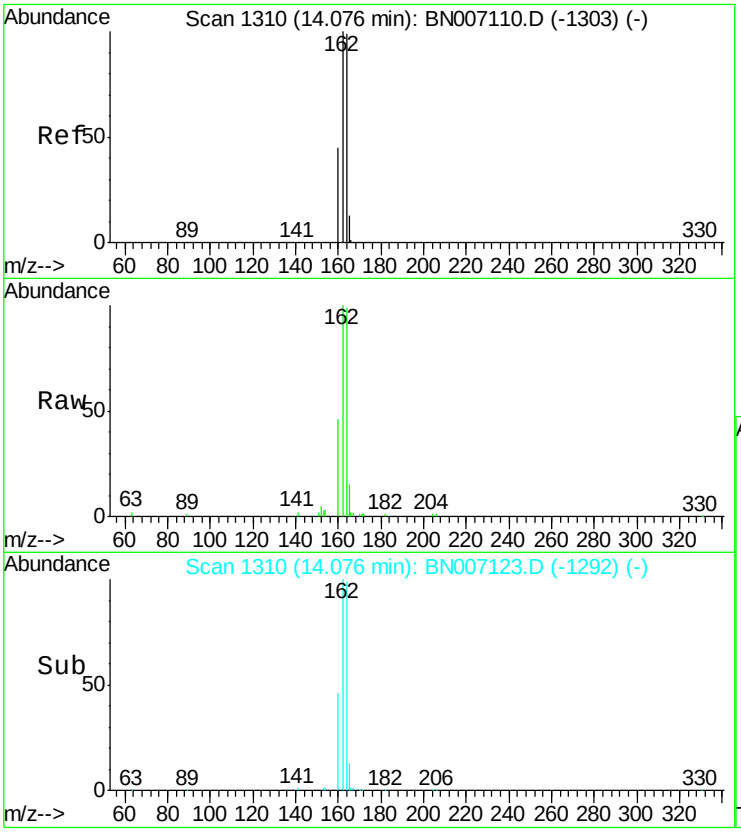


#11
2-Methylnaphthalene
Concen: 0.029 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:142 Resp: 2051

Ion	Ratio	Lower	Upper
142	100		
141	96.3	69.0	103.6
115	56.2	27.1	40.7#

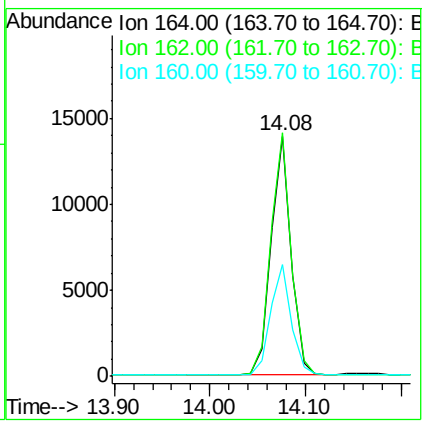




#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:164 Resp: 20502

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.4
160	46.7	38.3	57.5



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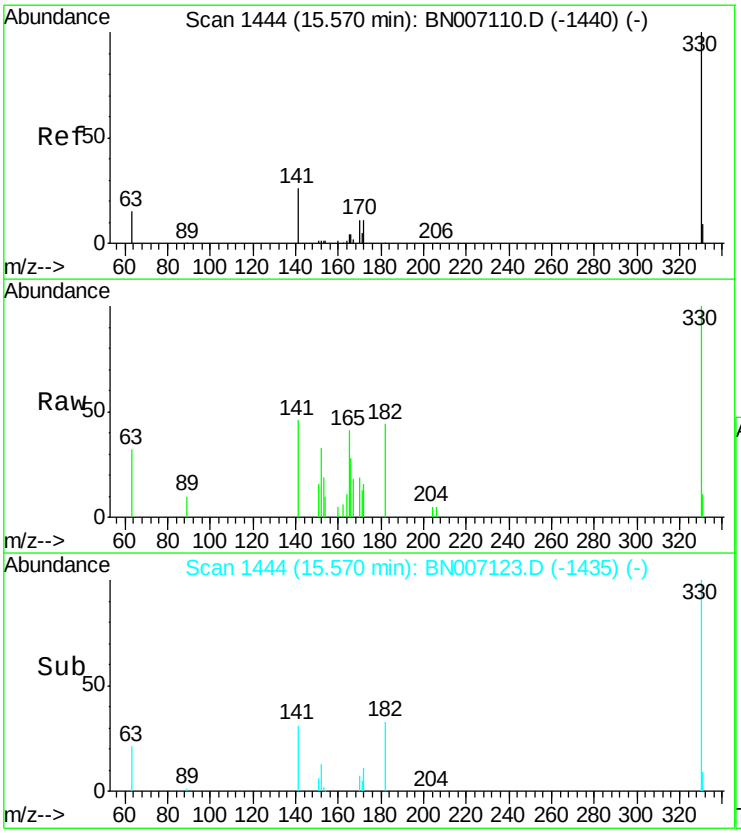
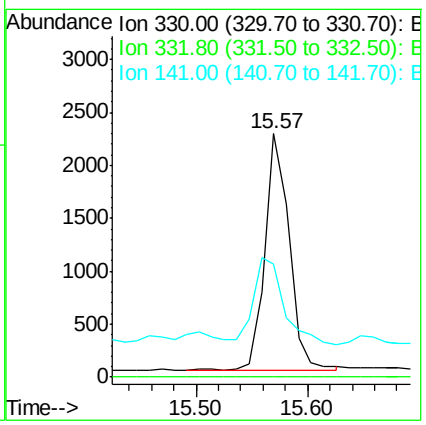
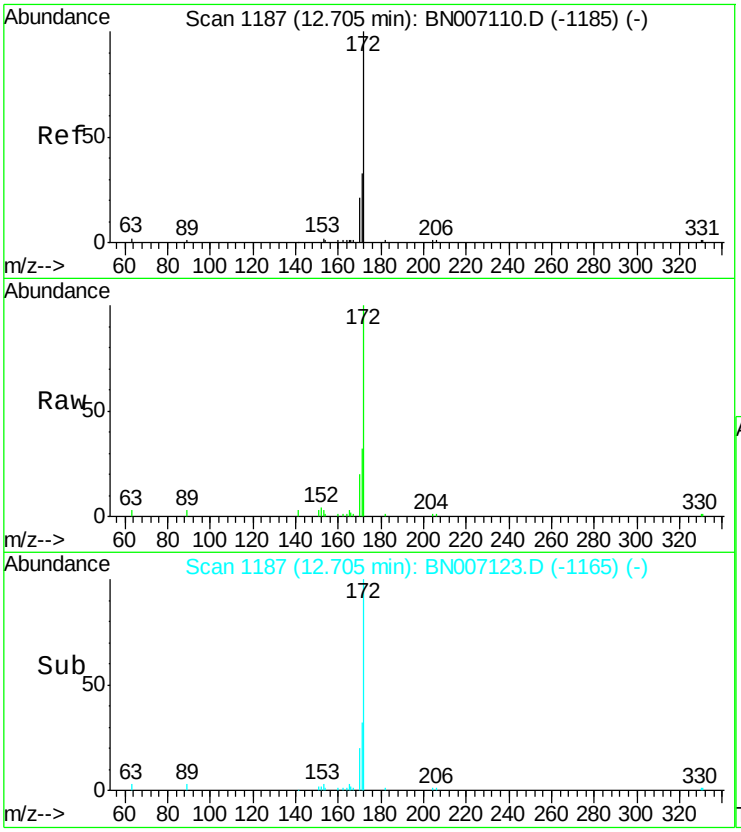


#13
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:330 Resp: 3362

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.9	33.6	50.4





#14
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:172 Resp: 5298

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.3	39.5
170	20.5	17.0	25.4

Instrument :
BNA_N
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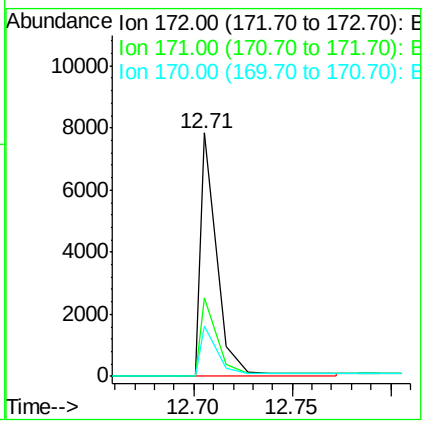
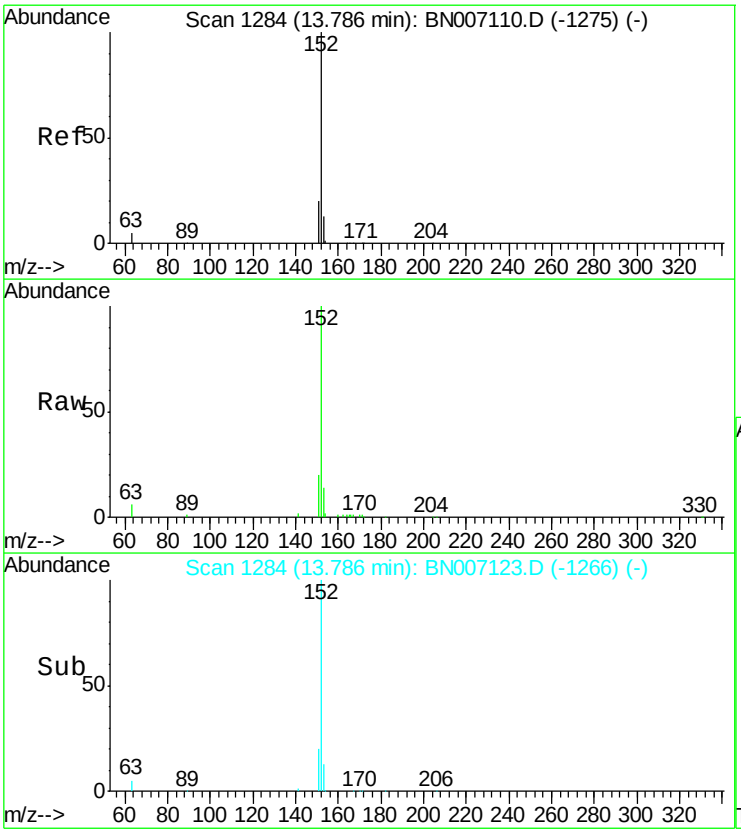
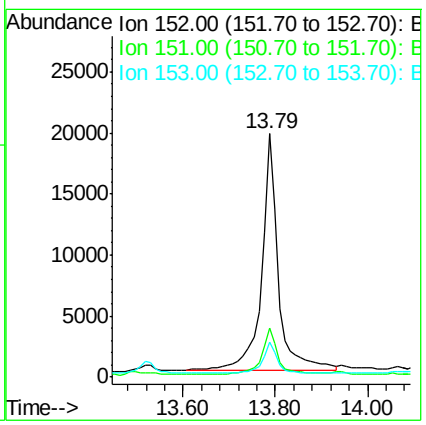


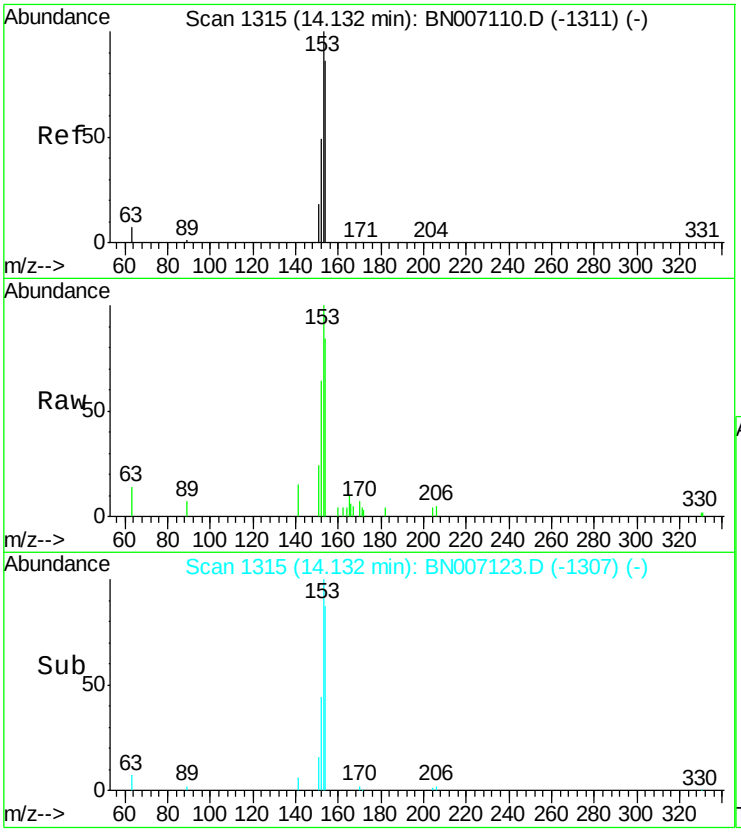


#15
Acenaphthylene
Concen: 0.458 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:152 Resp: 49126

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.8	23.6
153	12.1	10.4	15.6

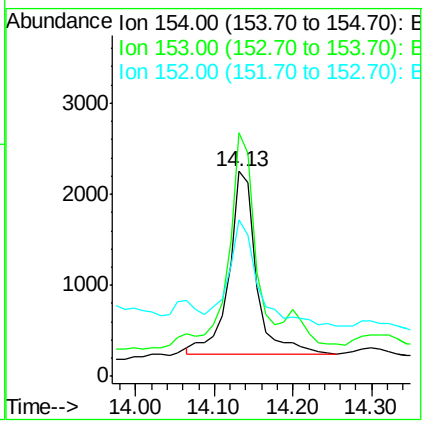




#16
Acenaphthene
Concen: 0.072 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:154 Resp: 4935

Ion	Ratio	Lower	Upper
154	100		
153	94.0	89.5	134.3
152	62.4	44.8	67.2



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EXT-035-SW102-080619

Manual Integrations APPROVED
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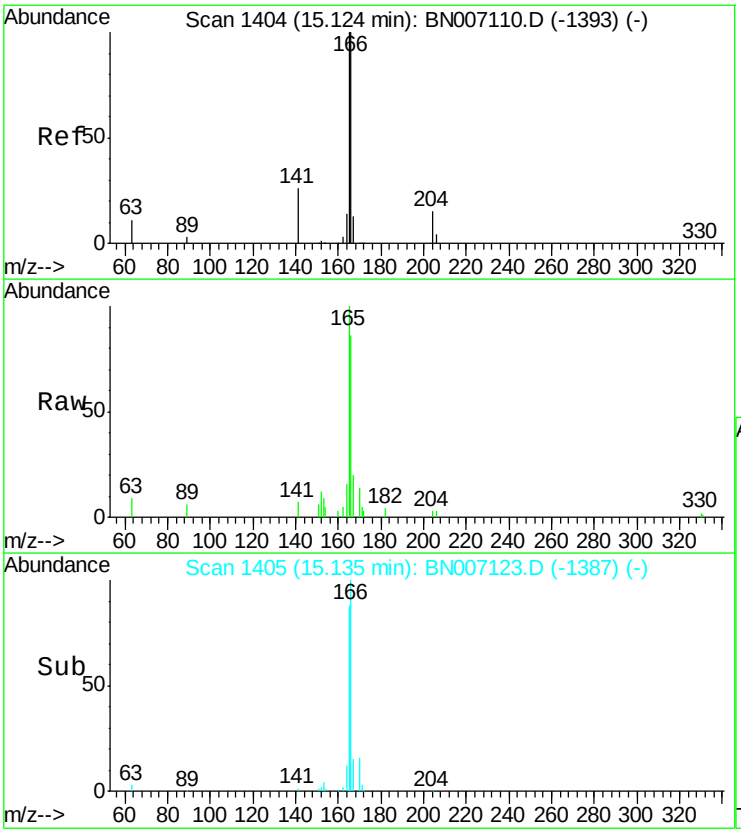
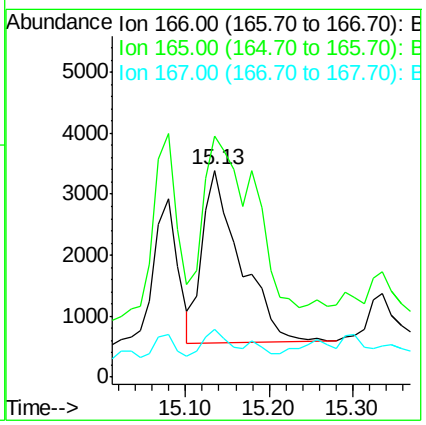
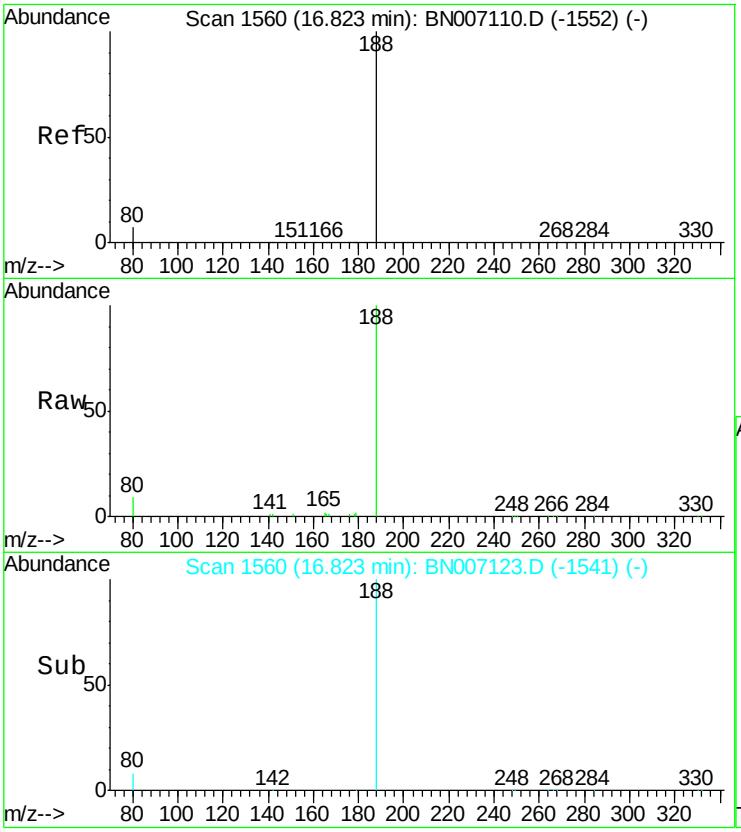


#17
Fluorene
Concen: 0.088 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:166 Resp: 9017

Ion	Ratio	Lower	Upper
166	100		
165	130.3	77.9	116.9#
167	10.5	10.9	16.3#

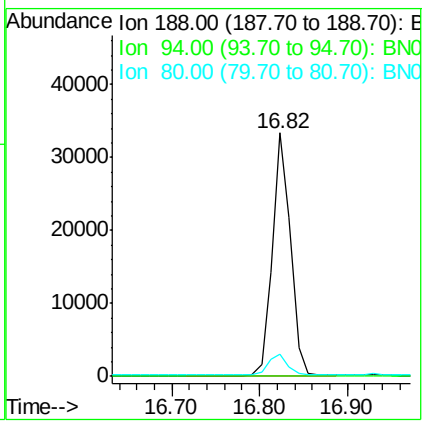




#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:188 Resp: 47646

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.8	11.6



Instrument :
BNA_N
ClientSampleId :
EXT-035-SW102-080619

Manual Integrations APPROVED
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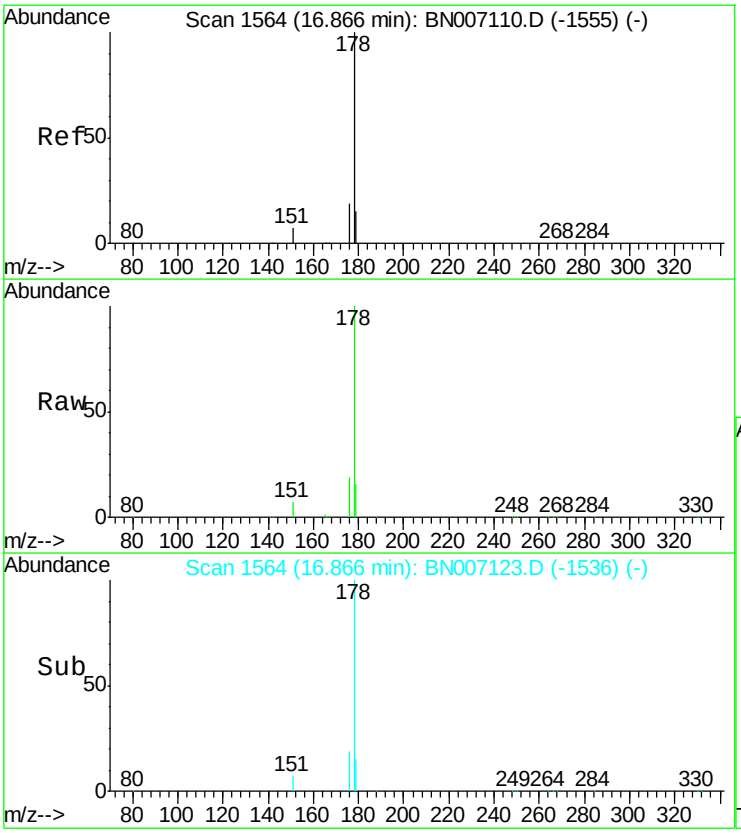
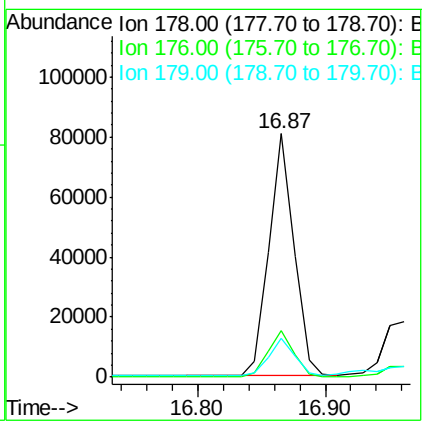
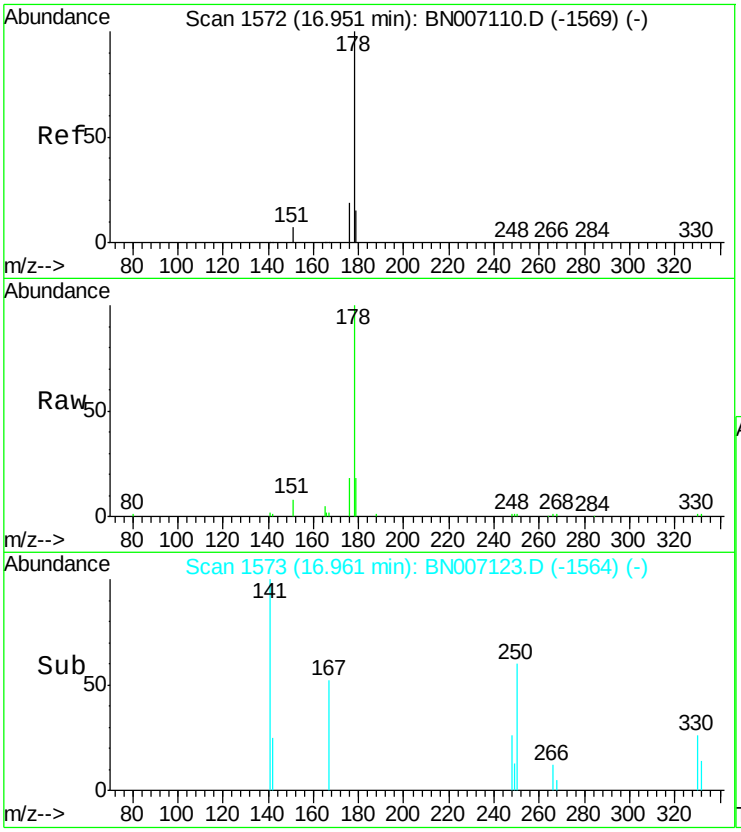


#22
Phenanthrene
Concen: 0.773 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:178 Resp: 110335

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.0	12.3	18.5





#23
Anthracene
Concen: 0.220 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:178 Resp: 28755

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	21.6	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
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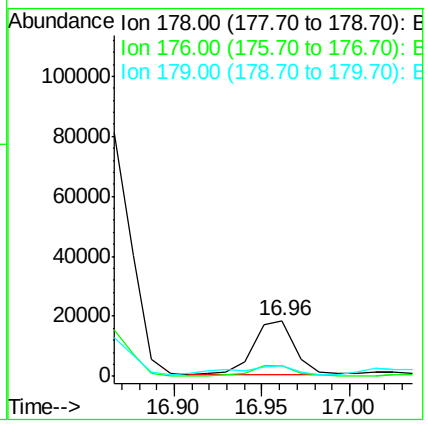
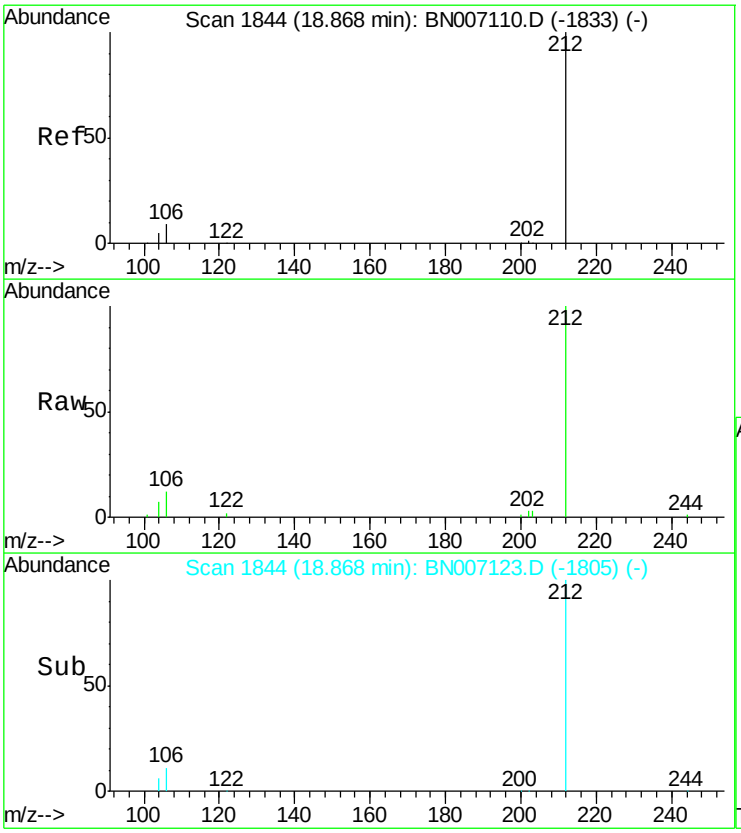
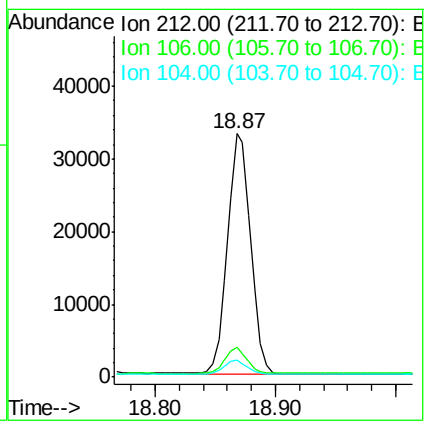


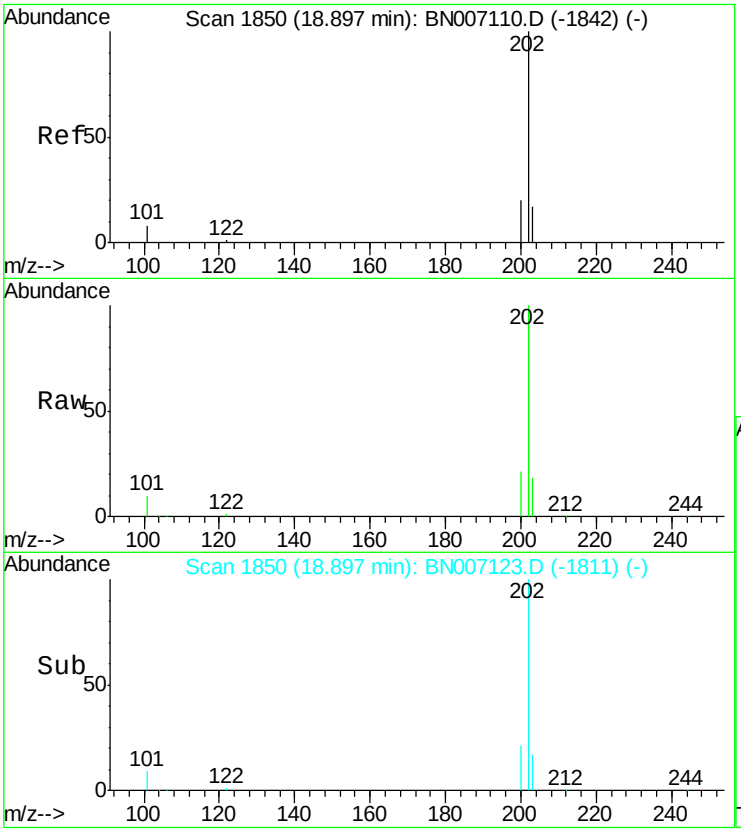


#24
Fluoranthene-d10
Concen: 0.262 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:212 Resp: 44343

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.2
104	6.2	4.5	6.7

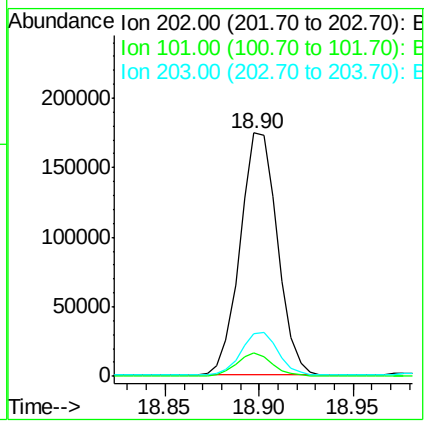




#25
Fluoranthene
Concen: 1.316 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:202 Resp: 240290

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.5	13.8	20.8



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ClientSampleId :
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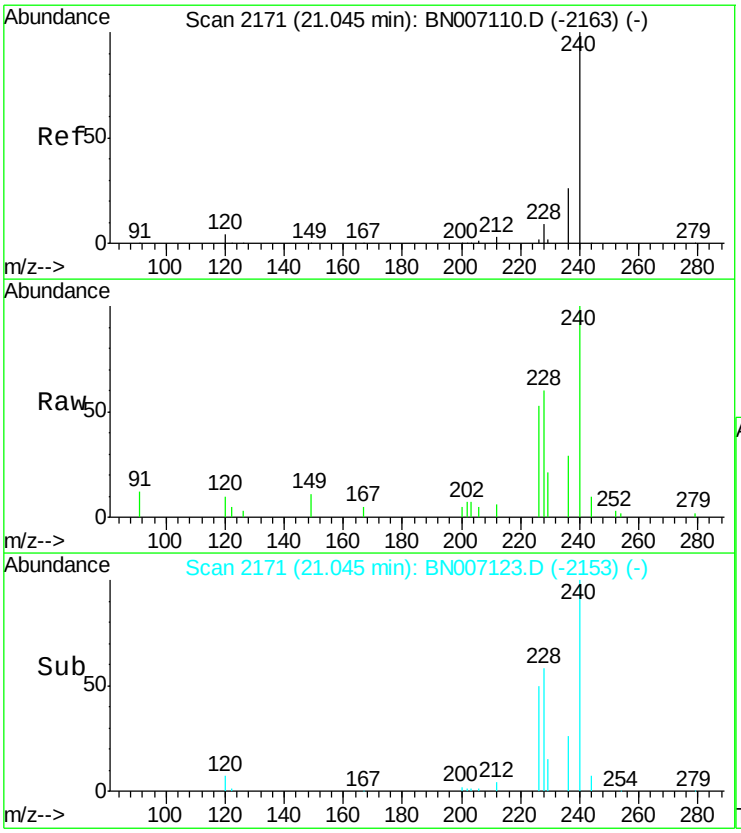
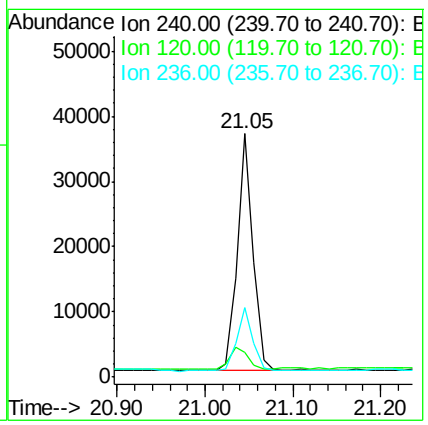
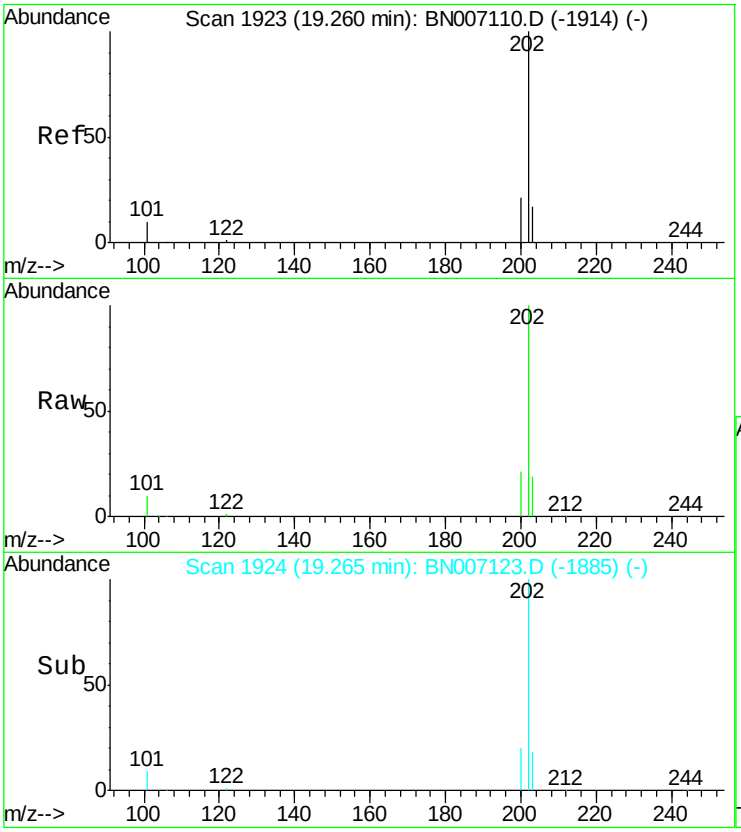


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:240 Resp: 45327

Ion	Ratio	Lower	Upper
240	100		
120	10.0	4.0	6.0#
236	28.7	21.3	31.9

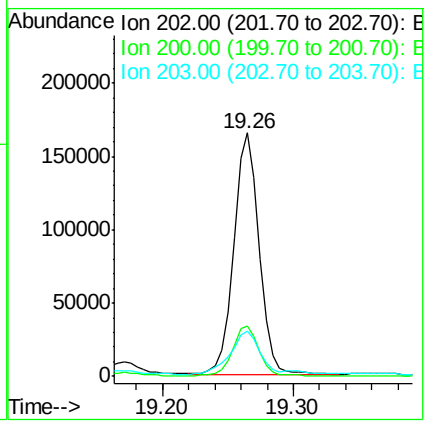




#27
Pyrene
Concen: 1.395 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:202 Resp: 221767

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



Instrument :
BNA_N
ClientSampleId :
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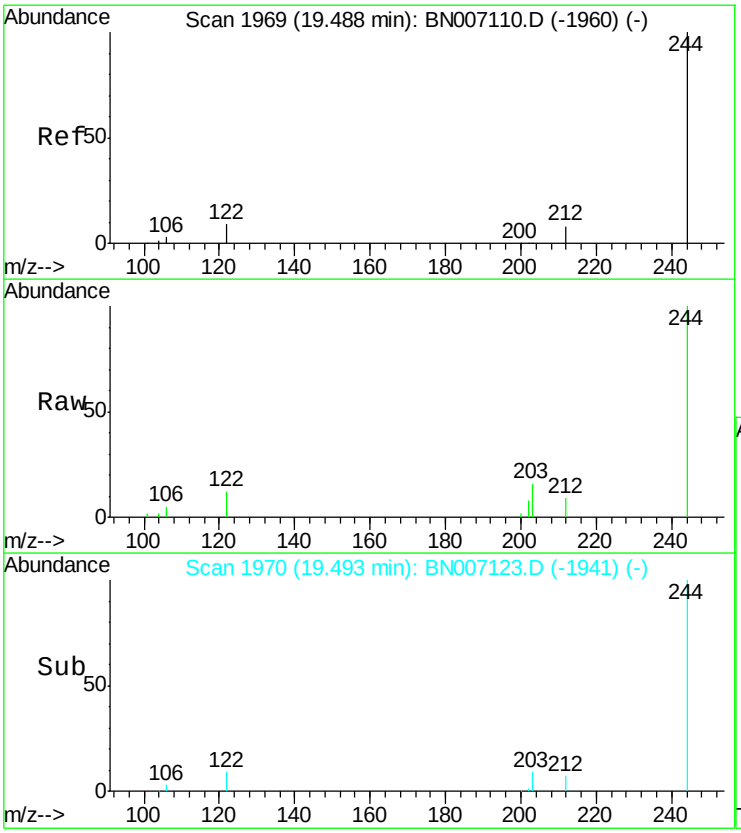
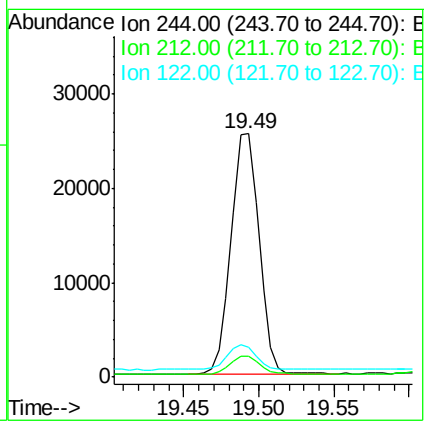
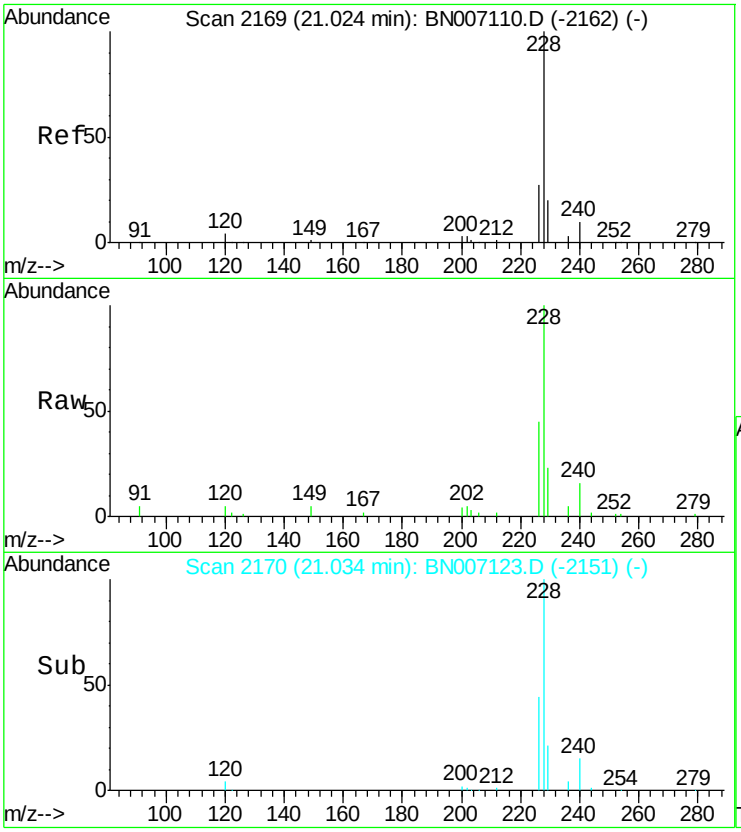


#28
Terphenyl-d14
Concen: 0.264 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:244 Resp: 32670

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.2
122	12.3	7.4	11.2#





#29
Benzo(a)anthracene
Concen: 0.939 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:228 Resp: 155599

Ion	Ratio	Lower	Upper
228	100		
226	45.0	21.8	32.6#
229	23.3	15.6	23.4

Instrument :
BNA_N
ClientSampleId :
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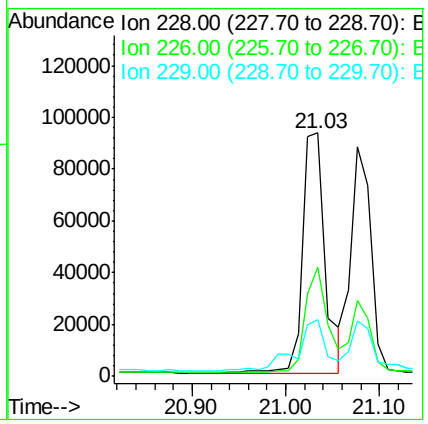
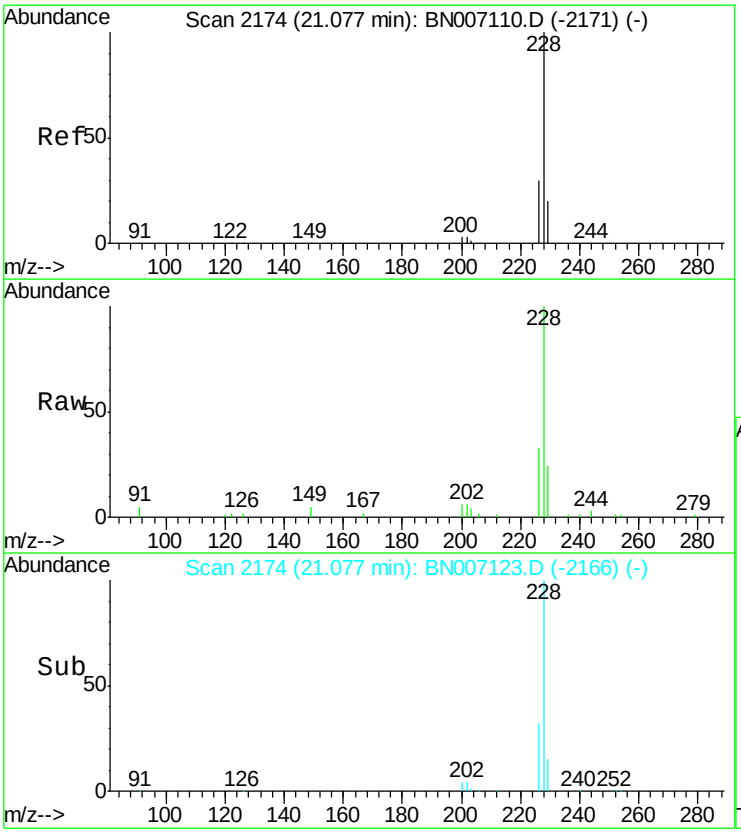
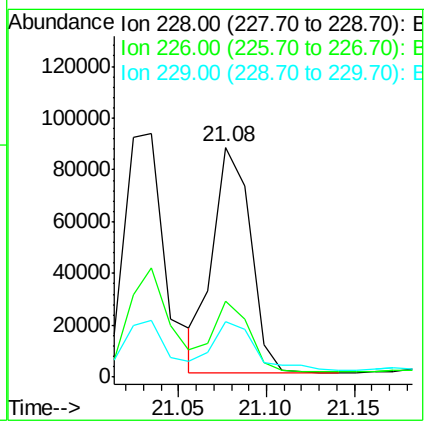


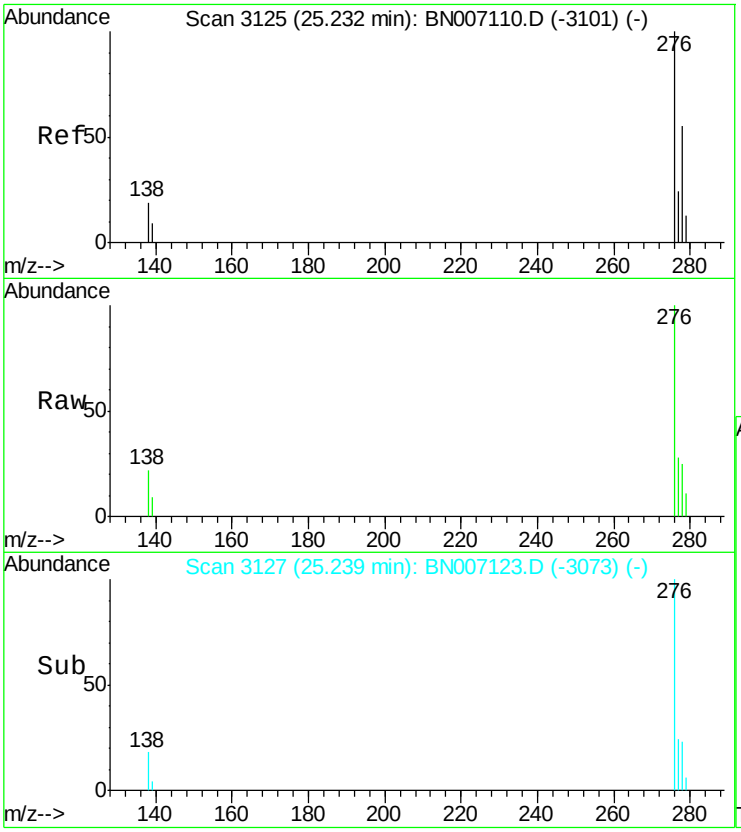


#30
Chrysene
Concen: 0.804 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:228 Resp: 129555

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.8	35.6
229	24.1	15.7	23.5#

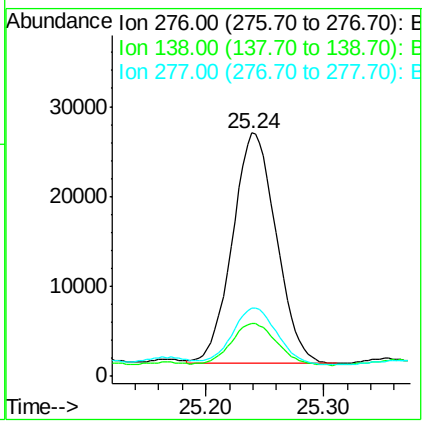




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:276 Resp: 66261

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.0	24.0
277	25.1	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
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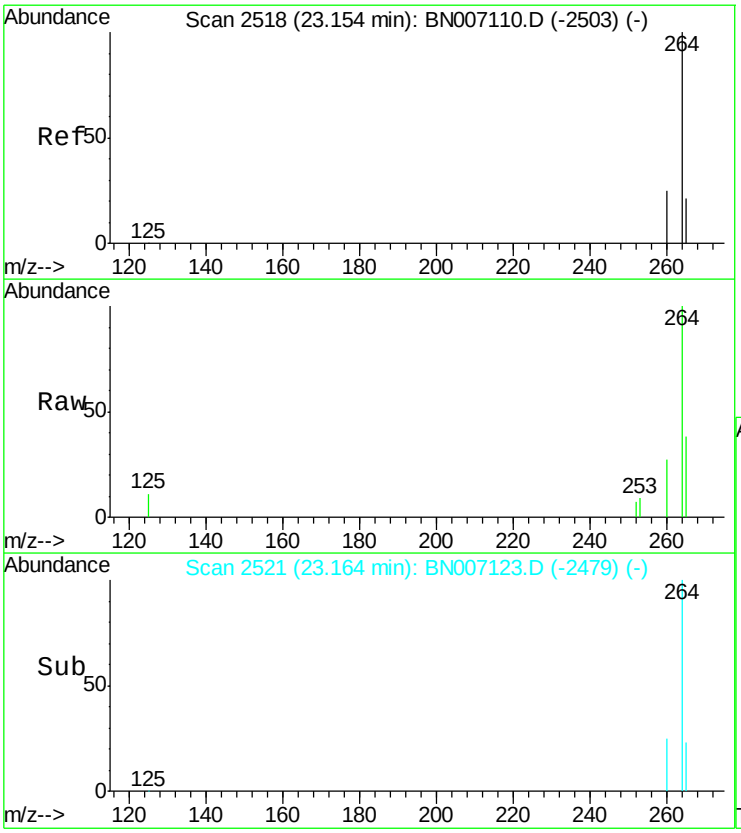
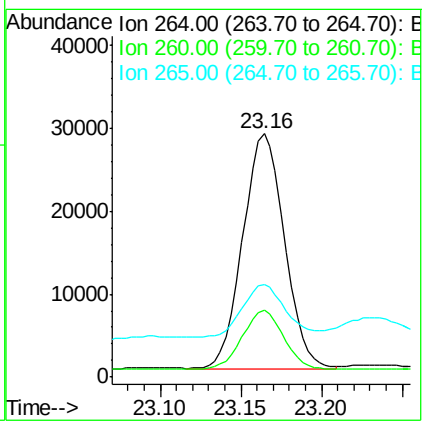
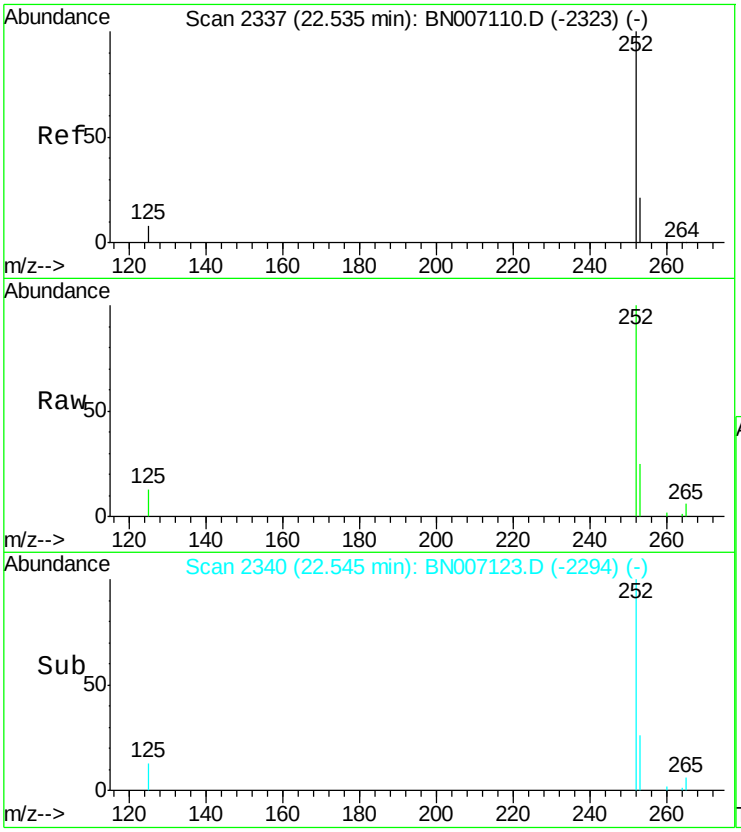


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:264 Resp: 50677

Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.8	29.8
265	38.1	26.2	39.4





#33
Benzo(b)fluoranthene
Concen: 0.914 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:252 Resp: 158815

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	12.9	7.4	11.0#

Instrument :
BNA_N
ClientSampleId :
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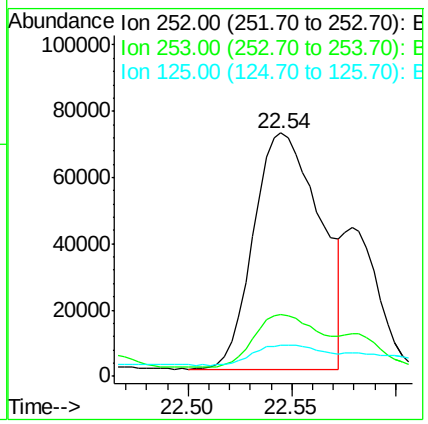
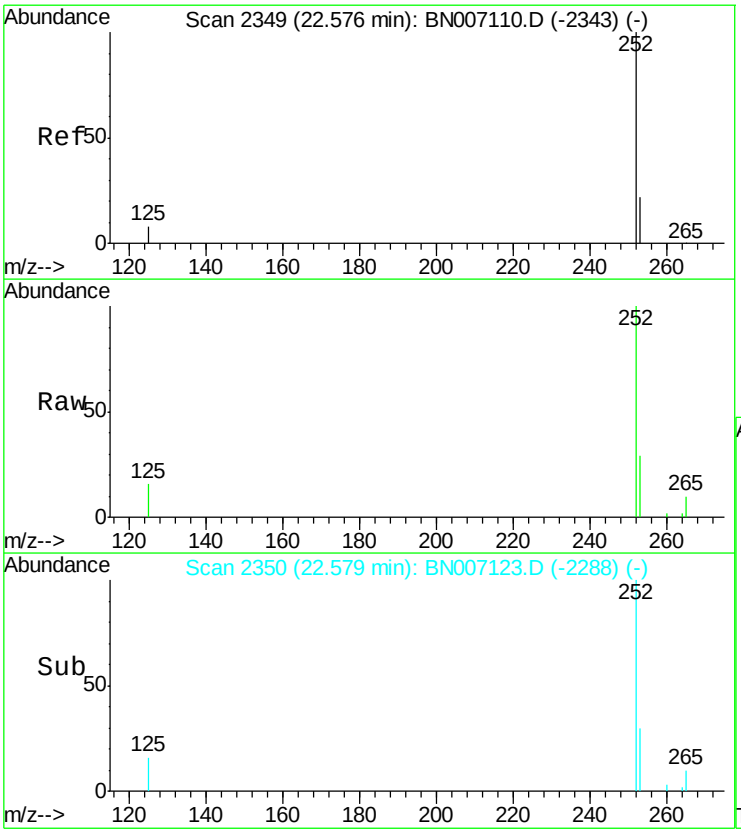
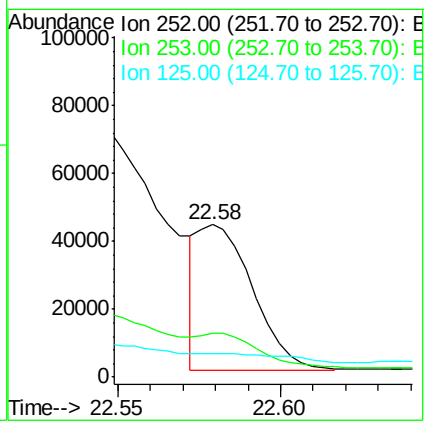


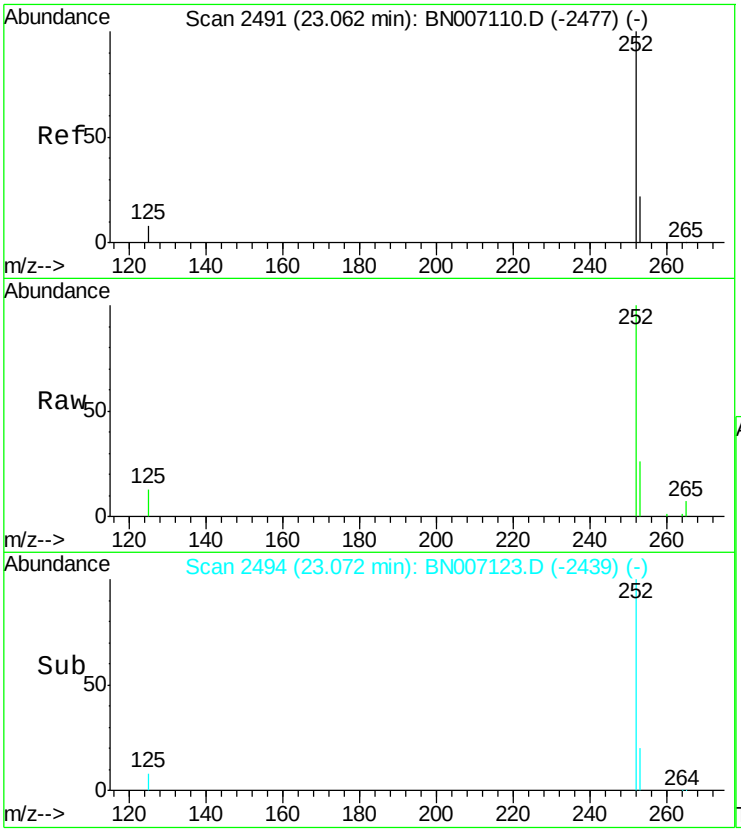


#34
Benzo(k)fluoranthene
Concen: 0.294 ng m
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:252 Resp: 50442

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	15.6	7.4	11.0#





#35
Benzo(a)pyrene
Concen: 0.704 ng
RT: 23.07 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:252 Resp: 110971

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	13.1	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
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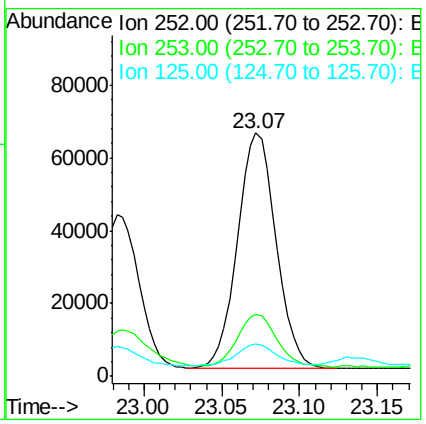
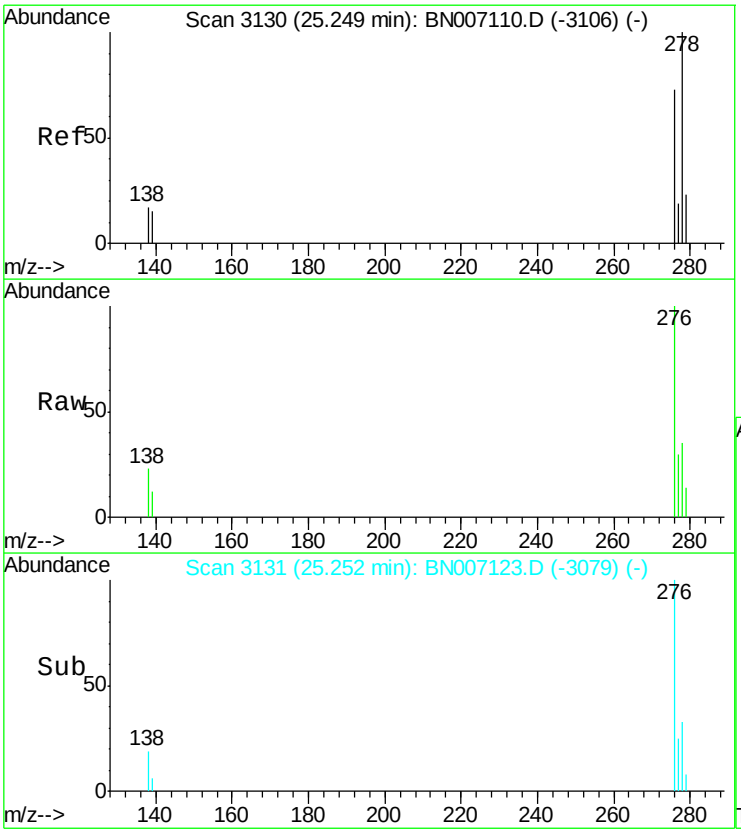
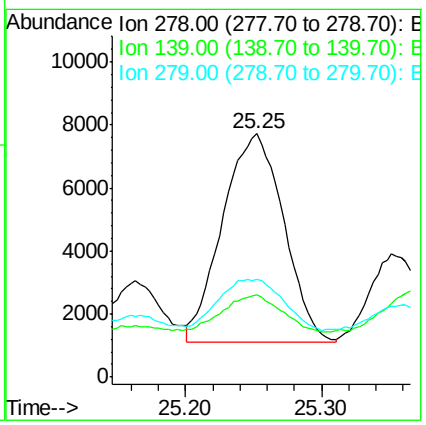


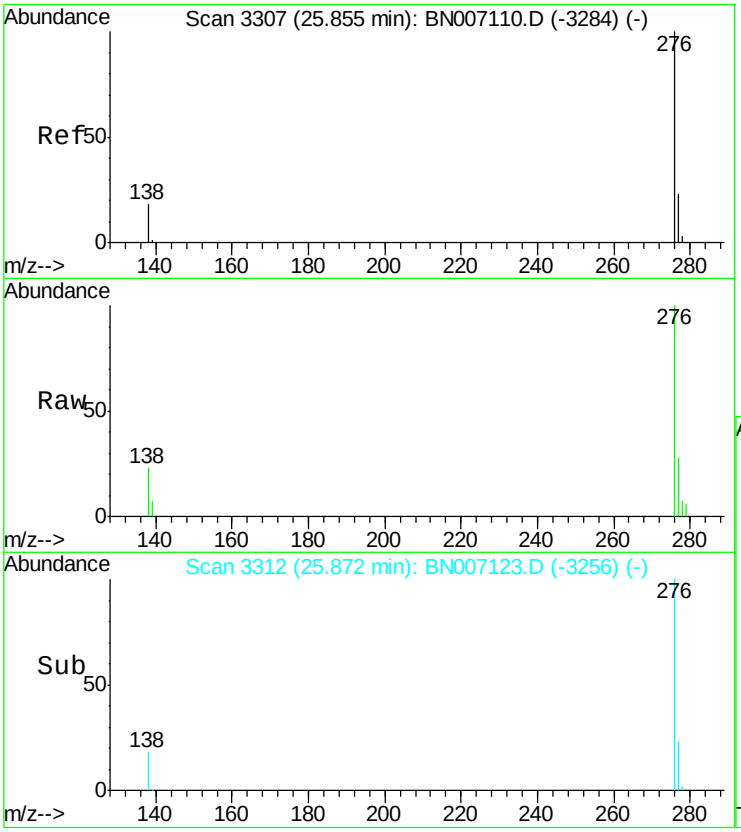


#36
Dibenzo(a,h)anthracene
Concen: 0.131 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:278 Resp: 20624

Ion	Ratio	Lower	Upper
278	100		
139	33.6	11.3	16.9#
279	40.2	19.3	28.9#

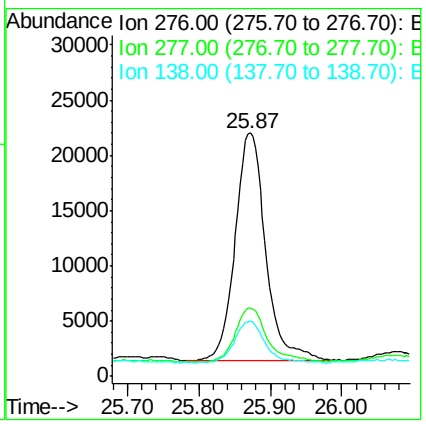




#37
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 25.87 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BN007123.D
Acq: 13 Aug 2019 09:55

Tgt Ion:276 Resp: 60851

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.8	29.8
138	22.6	14.6	22.0#



Instrument :
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ClientSampleId :
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