Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007056.D
Acq On : 10 Aug 2019 19:59
Operator : HP/JU
Sample : K4144-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 11 04:37:04 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	7589	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	28363	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	16234	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	39968	0.40	ng		0.00
26) Chrysene-d12	21.05	240	42767	0.40	ng		-0.01
32) Perylene-d12	23.16	264	47888	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	3356	0.18	ng		0.00
4) Phenol-d6	6.61	99	4570	0.20	ng		0.00
7) Nitrobenzene-d5	8.56	82	3575	0.16	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	8920	0.17	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	896	0.10	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3888	0.16	ng		0.00
24) Fluoranthene-d10	18.87	212	23942	0.17	ng		0.00
28) Terphenyl-d14	19.49	244	18743	0.16	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.30	42	458	0.092	ng	#	1
8) Naphthalene	10.24	128	1947	0.024	ng	#	86
15) Acenaphthylene	13.79	152	8668	0.102	ng		99
22) Phenanthrene	16.87	178	45787	0.382	ng		100
23) Anthracene	16.96	178	6631	0.061	ng		97
25) Fluoranthene	18.90	202	97732	0.638	ng		100
27) Pyrene	19.26	202	87915	0.586	ng		98
29) Benzo(a)anthracene	21.02	228	29947	0.191	ng		93
30) Chrysene	21.08	228	54310	0.357	ng		97
31) Indeno(1,2,3-cd)pyrene	25.24	276	36943	0.221	ng		96
33) Benzo(b)fluoranthene	22.54	252	77585	0.472	ng		97
34) Benzo(k)fluoranthene	22.54	252	77585	0.478	ng		97
35) Benzo(a)pyrene	23.07	252	38287	0.257	ng		97
36) Dibenzo(a,h)anthracene	25.25	278	7879	0.053	ng	#	72
37) Benzo(g,h,i)perylene	25.87	276	38917	0.255	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007056.D
Acq On : 10 Aug 2019 19:59
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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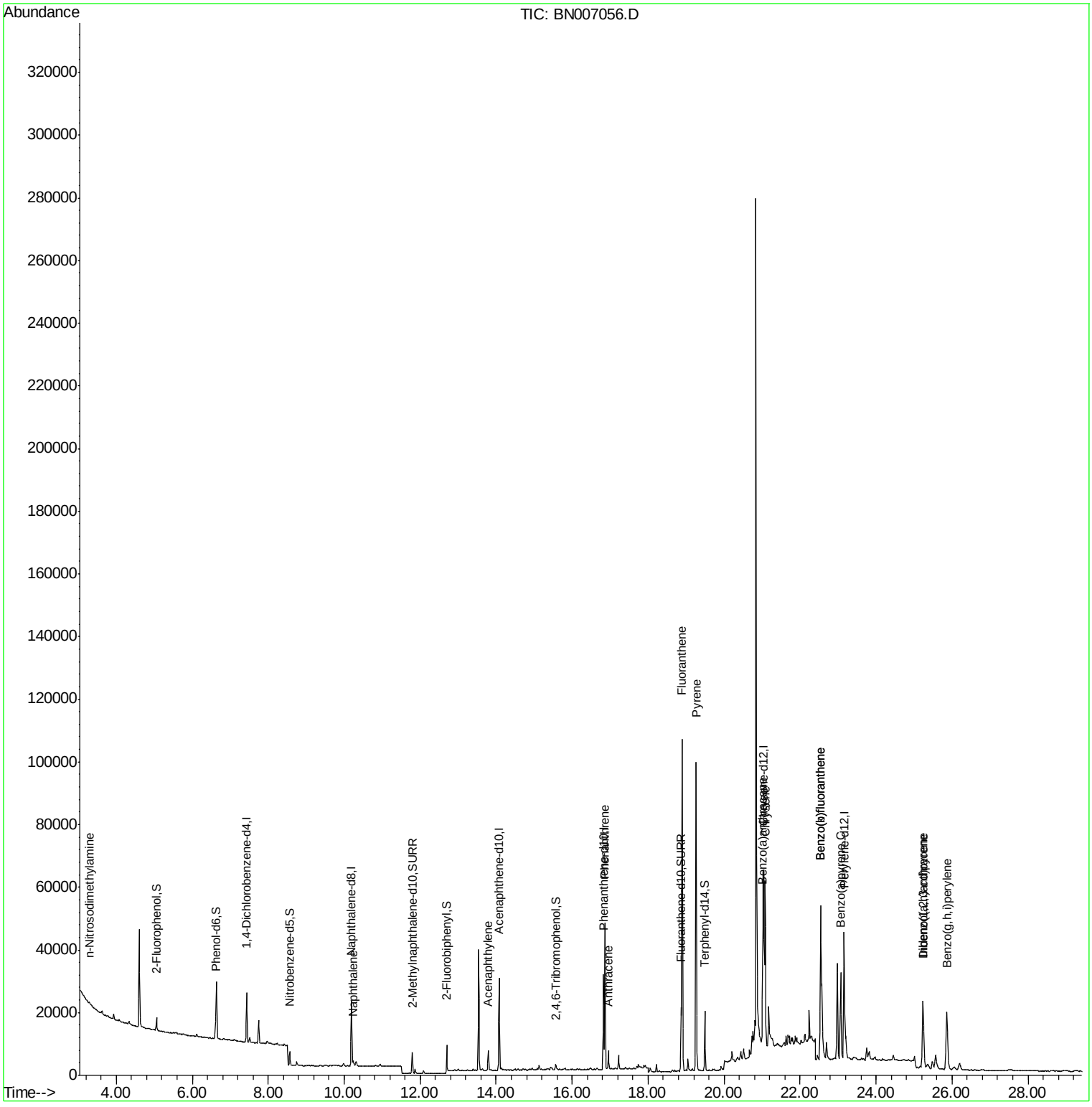
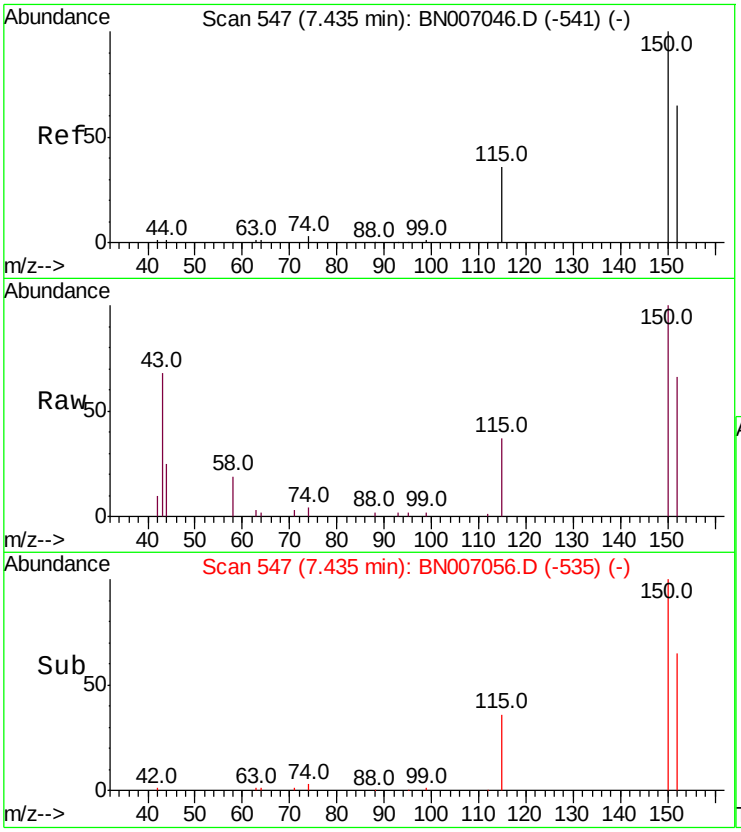
Quant Time: Aug 11 04:37:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



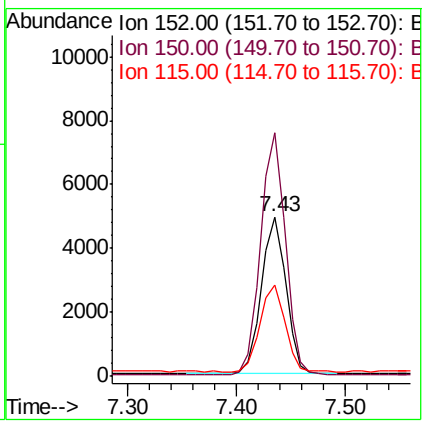


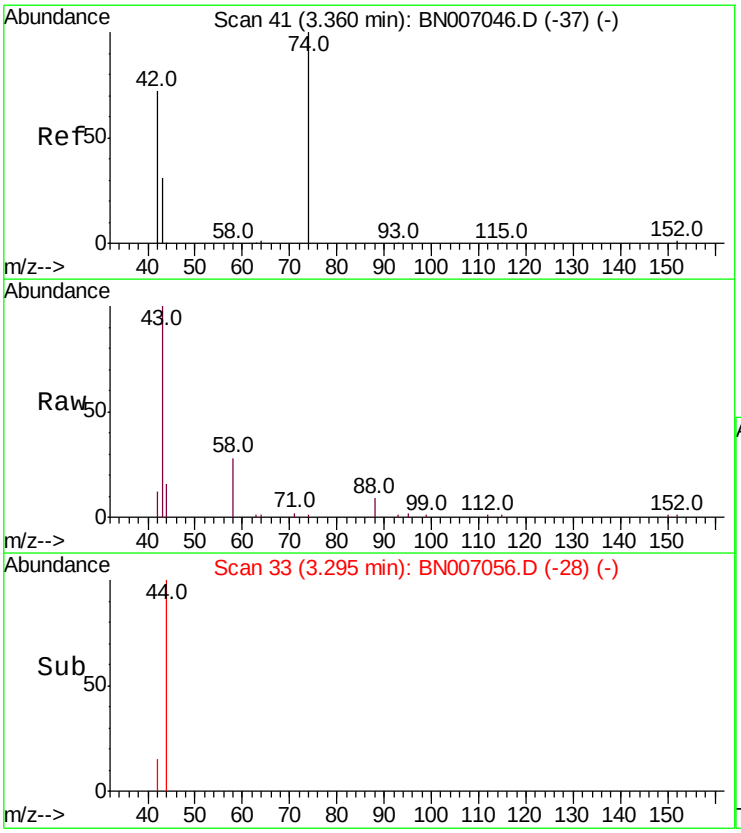
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7589

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.7	182.5
115	57.1	46.2	69.4

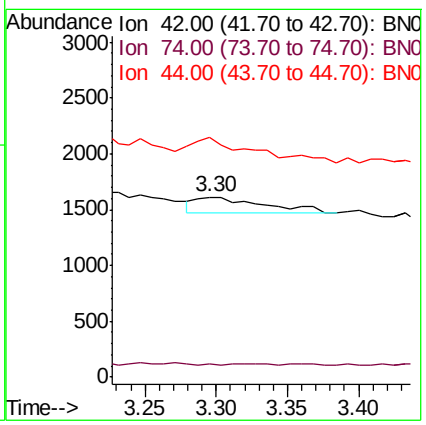


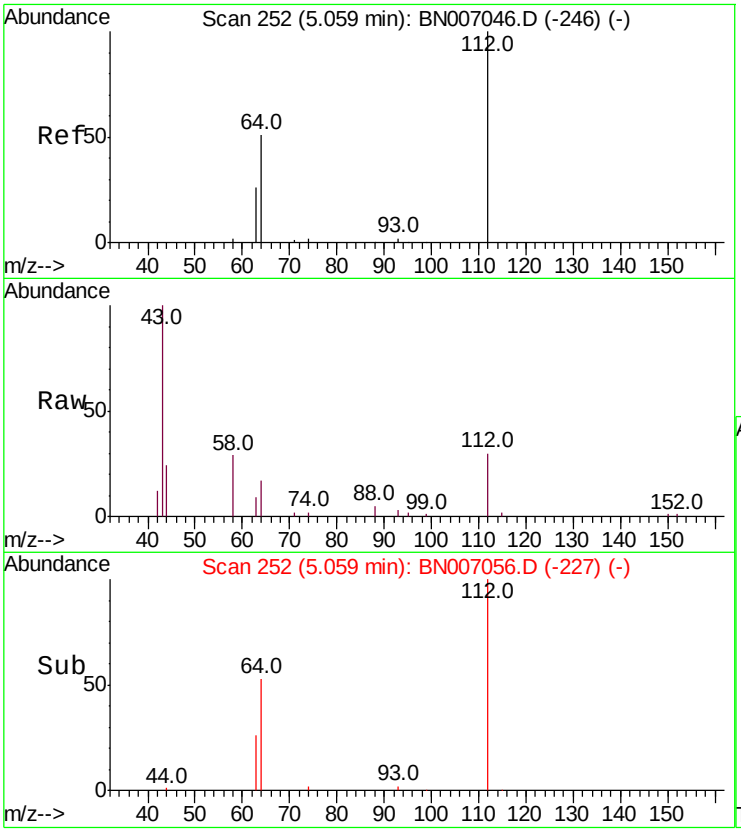


#2
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.30 min Scan# 33
Delta R.T. -0.06 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion: 42 Resp: 458

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.6	166.0#
44	146.7	0.0	0.0#



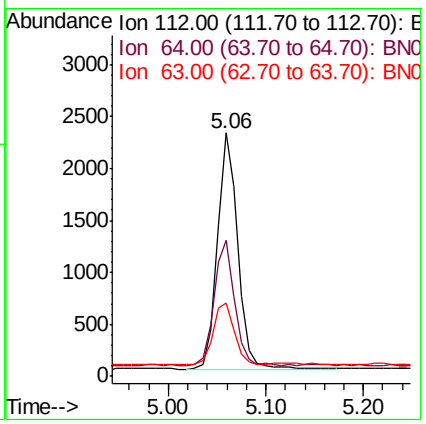


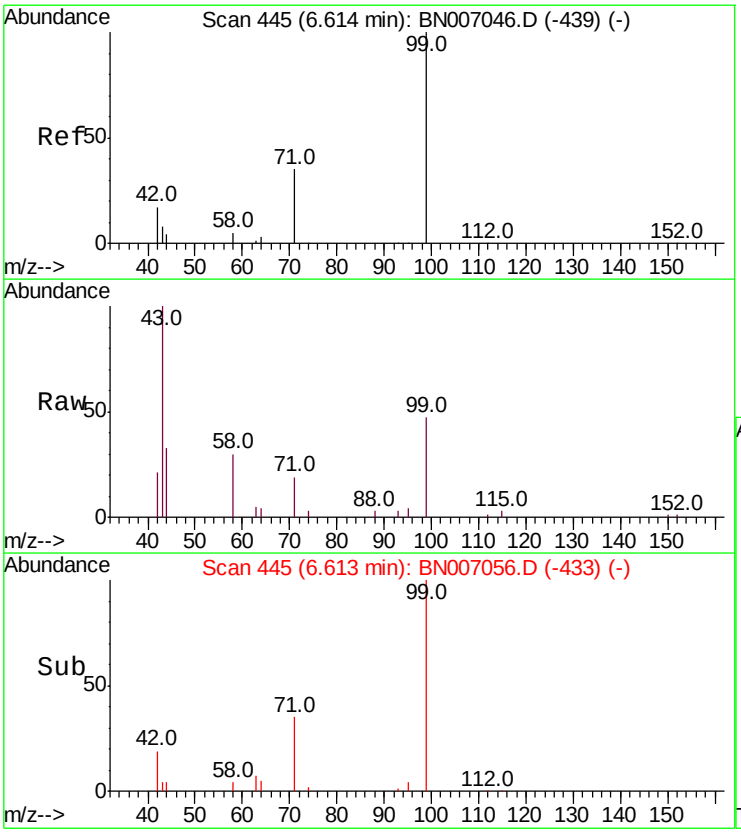
#3
2-Fluorophenol
Concen: 0.184 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 3356

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	27.5	22.2	33.2

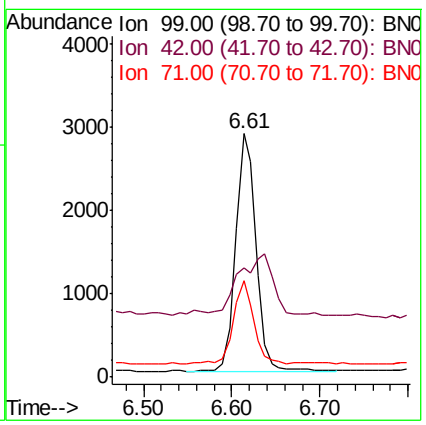


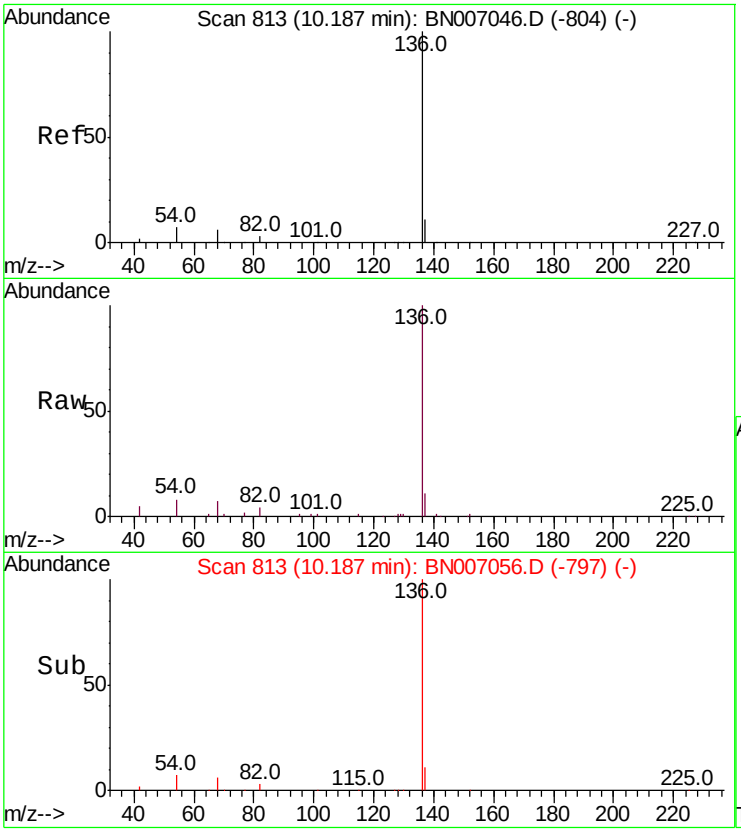


#4
Phenol-d6
Concen: 0.202 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion: 99 Resp: 4570

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	35.8	27.0	40.4



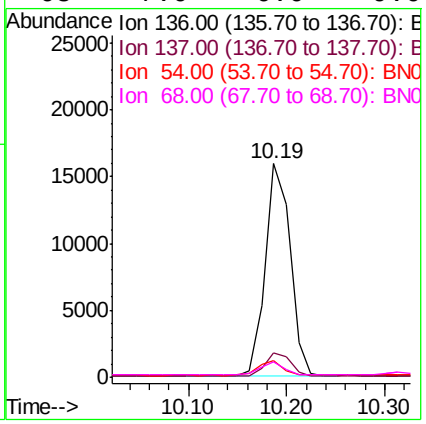


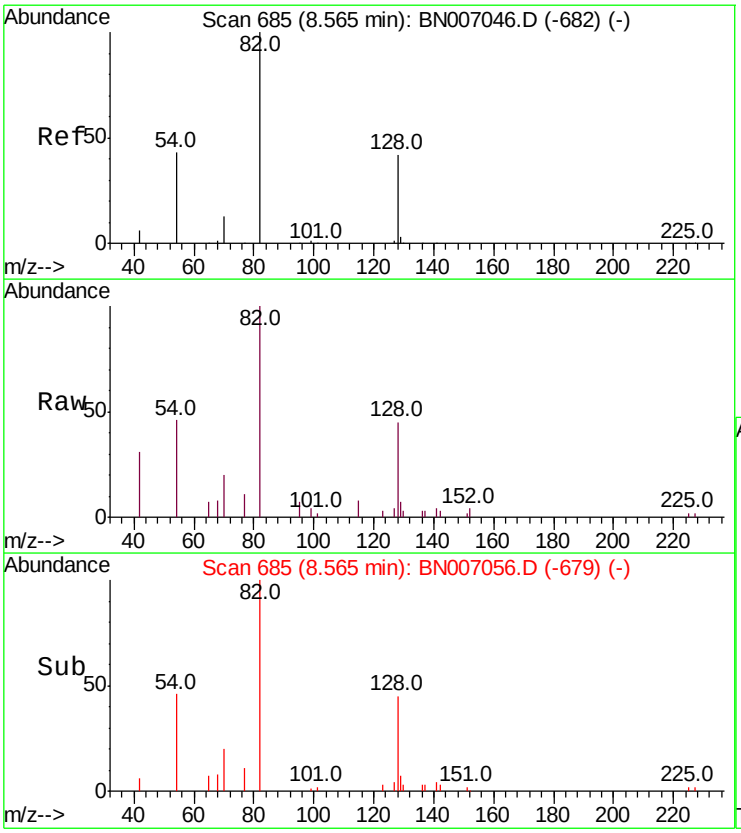
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 28363

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	8.0	6.6	9.8
68	7.0	6.0	9.0

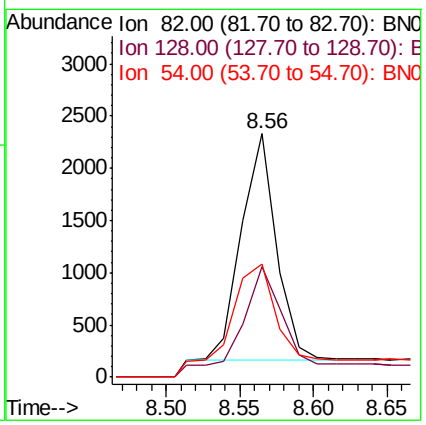


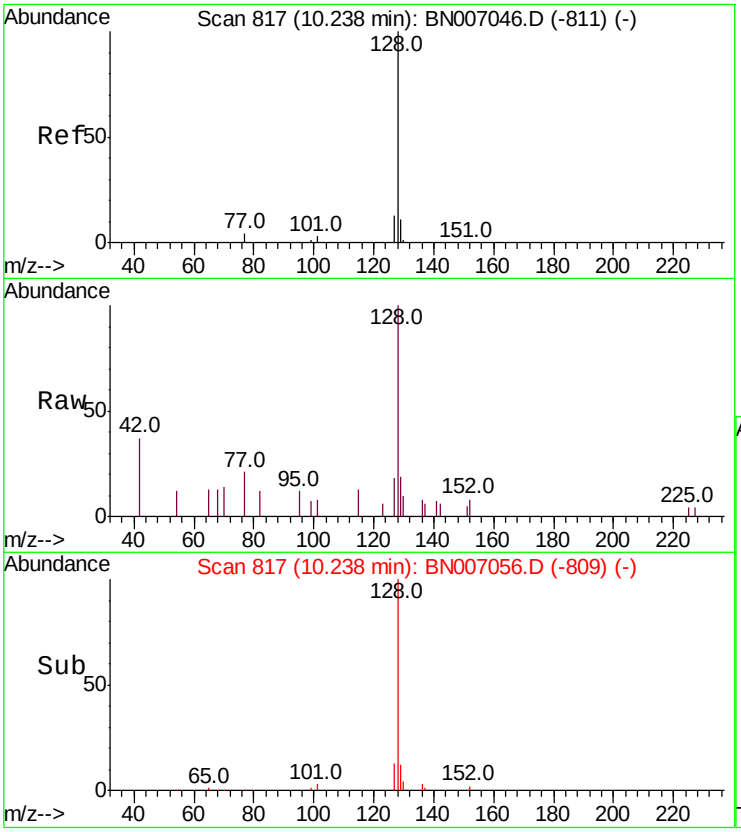


#7
Nitrobenzene-d5
Concen: 0.156 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion: 82 Resp: 3575

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	46.4	36.2	54.4



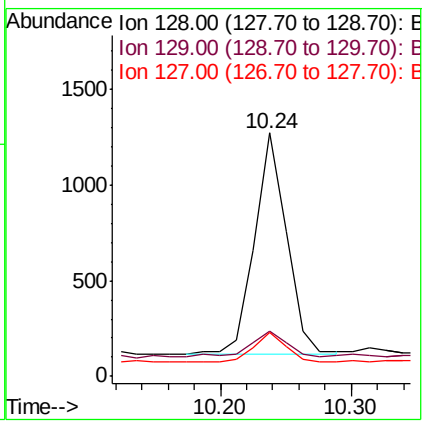


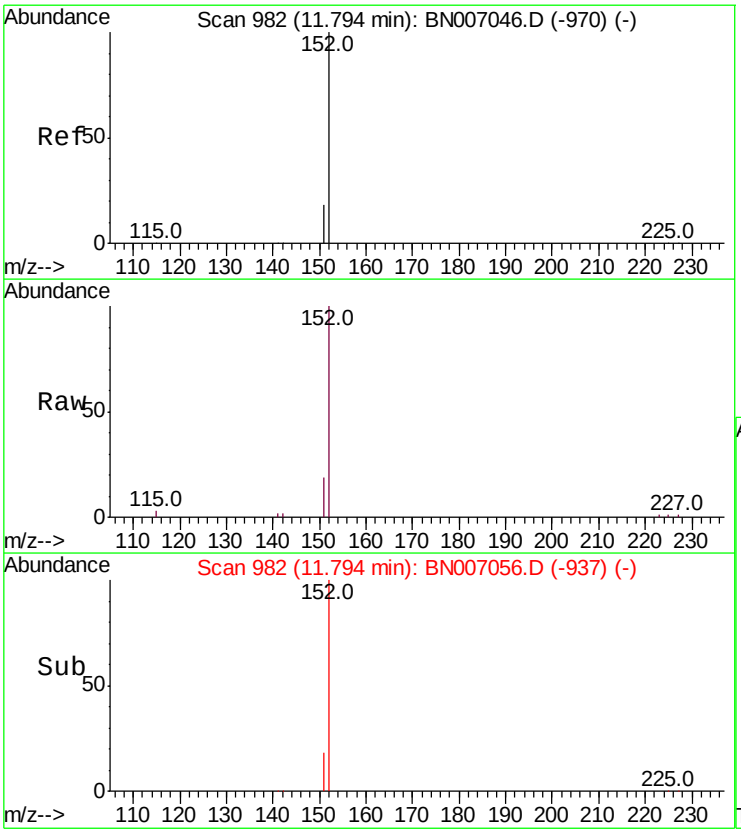
#8
Naphthalene
Concen: 0.024 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1947

Ion	Ratio	Lower	Upper
128	100		
129	18.6	9.4	14.2#
127	17.9	11.0	16.6#

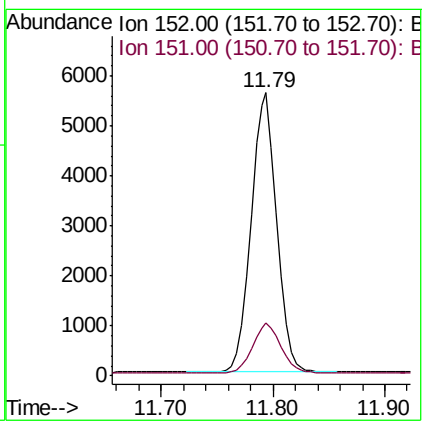


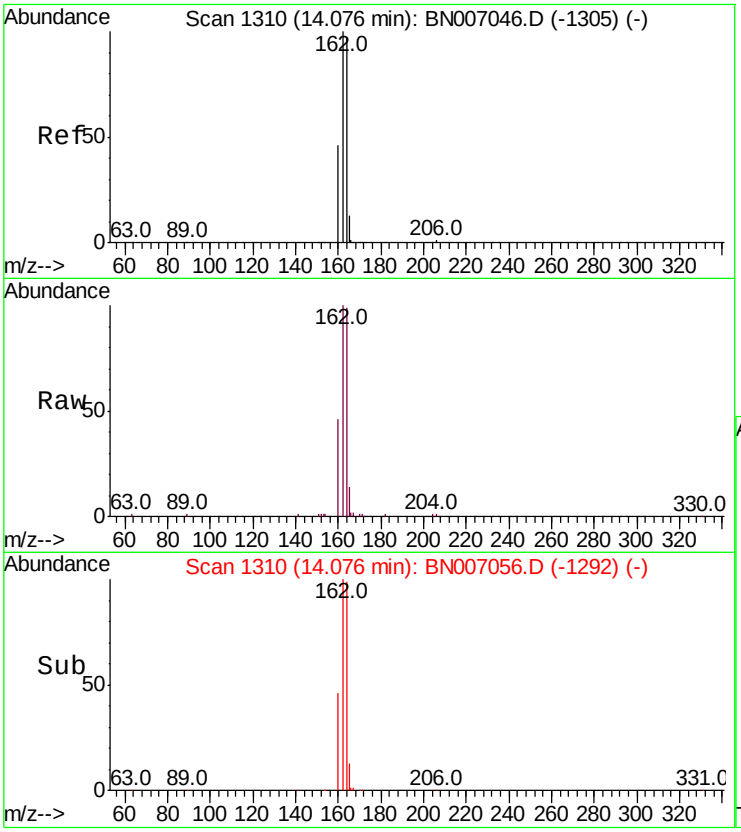


#10
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:152 Resp: 8920

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



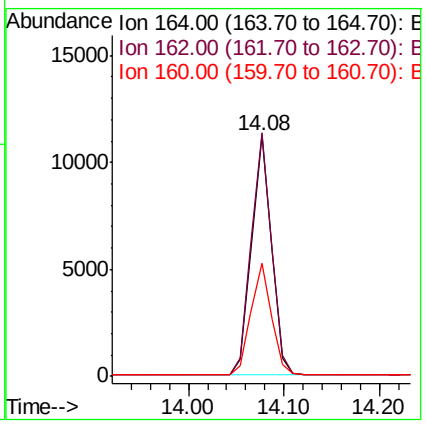


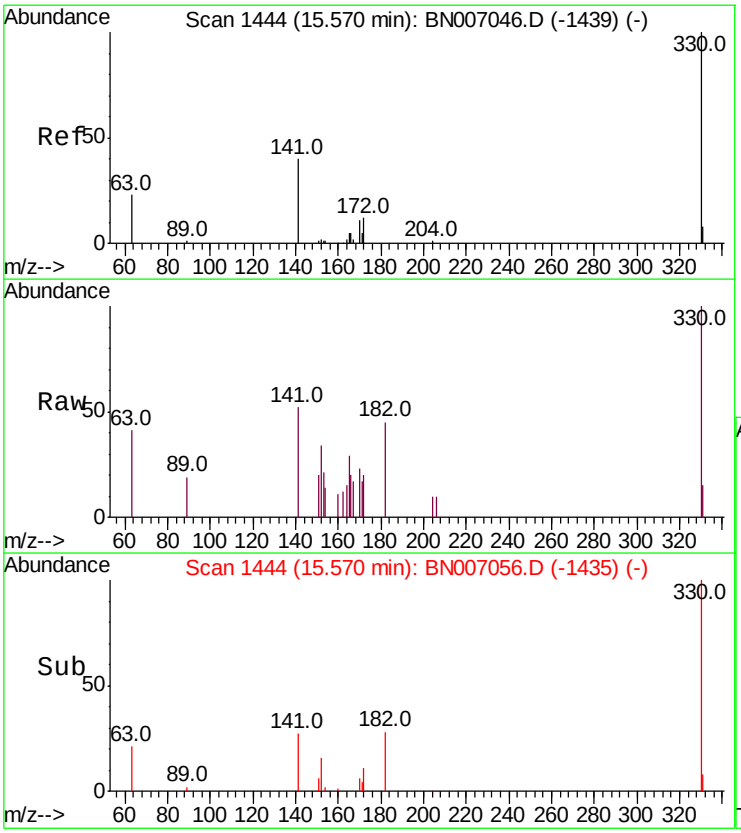
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 16234

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	46.7	38.3	57.5

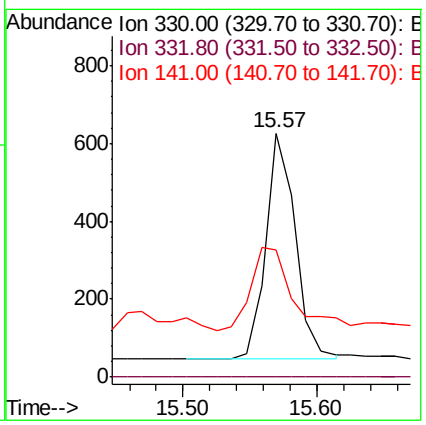


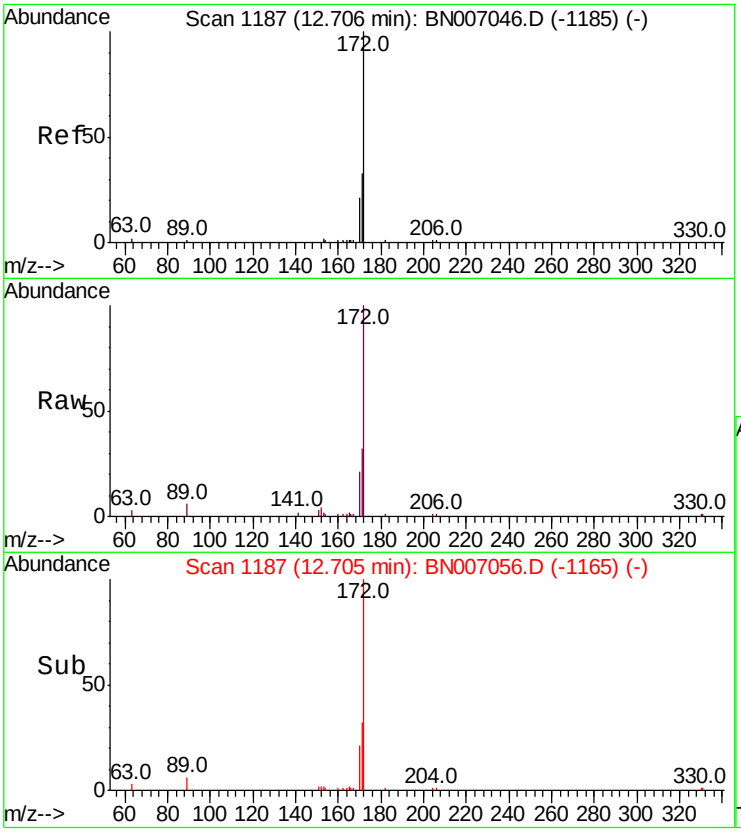


#13
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:330 Resp: 896

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.2	33.6	50.4#



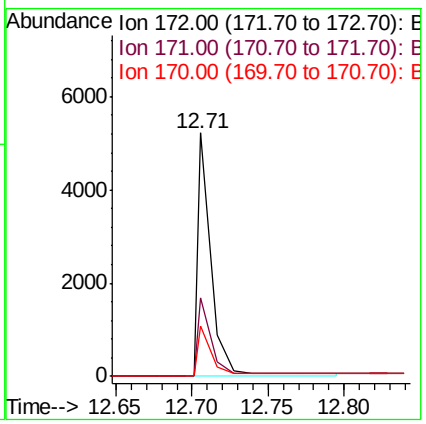


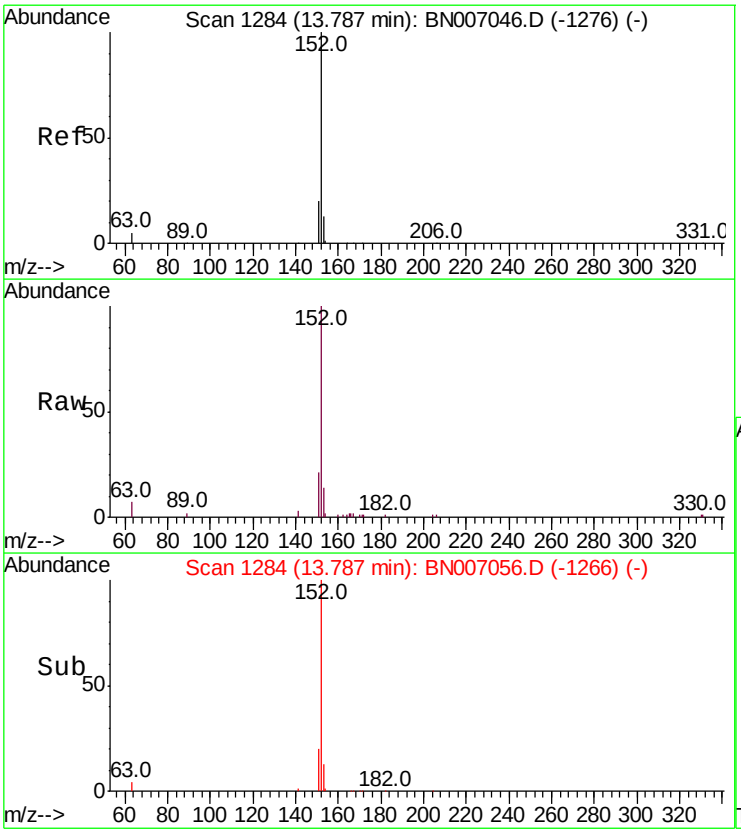
#14
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3888

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.3	39.5
170	20.9	17.0	25.4

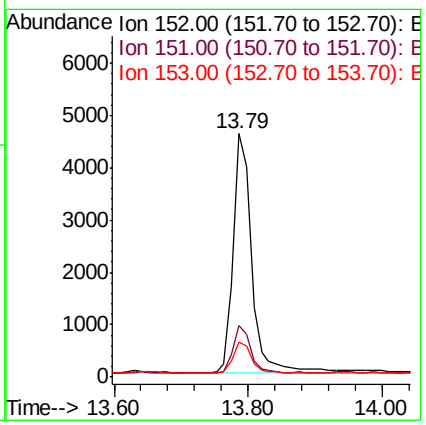


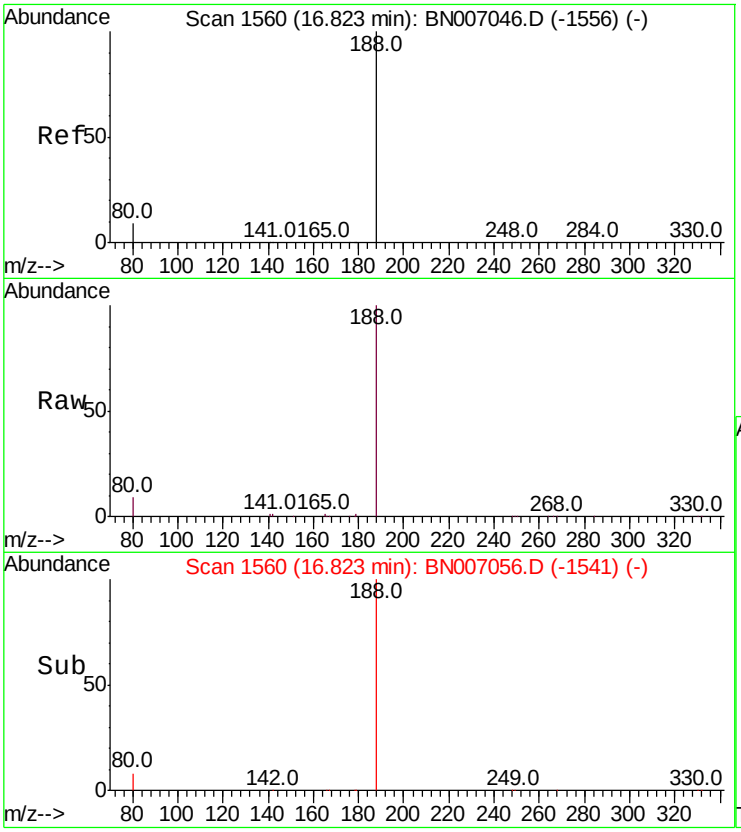


#15
Acenaphthylene
Concen: 0.102 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:152 Resp: 8668

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.3	10.4	15.6



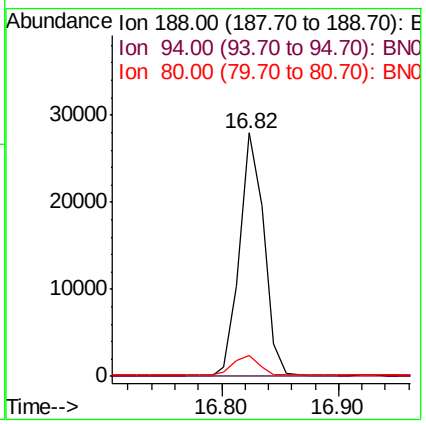


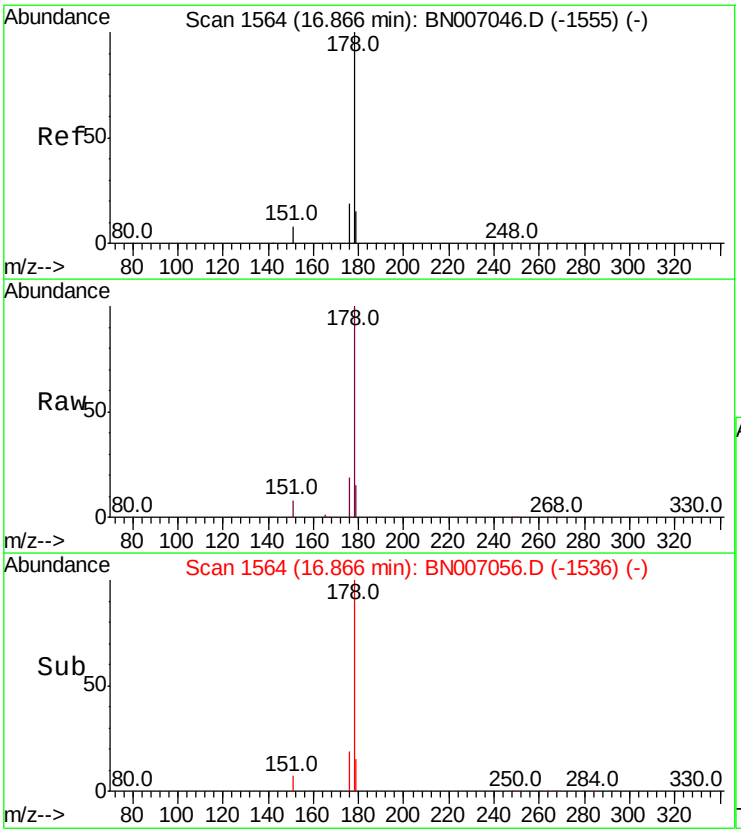
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 39968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.8	11.6

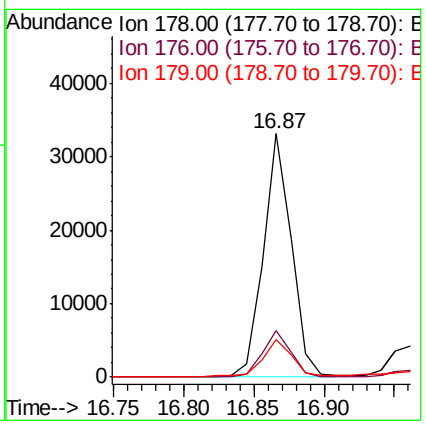


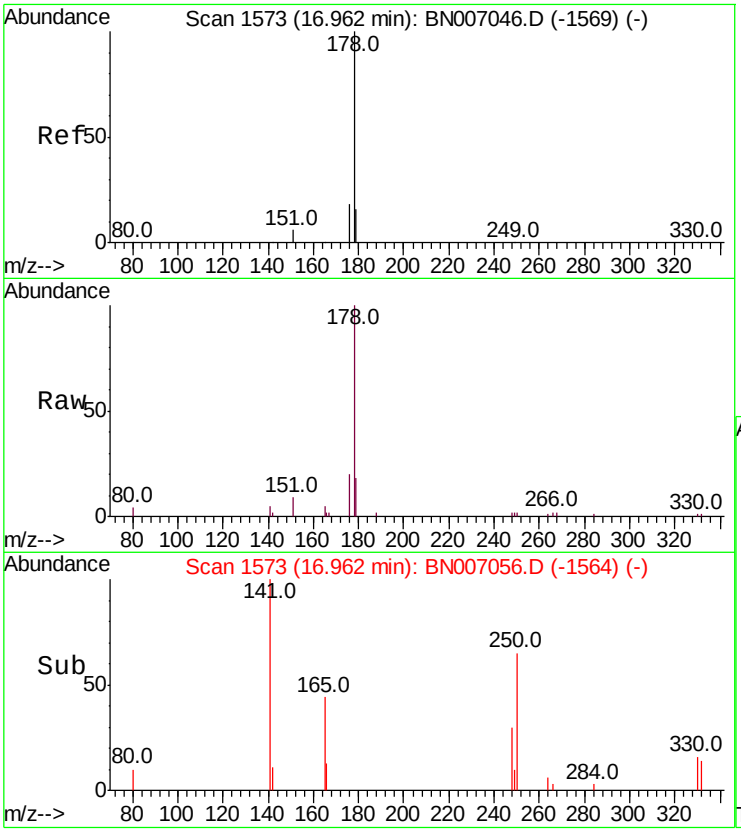


#22
Phenanthrene
Concen: 0.382 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:178 Resp: 45787

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5



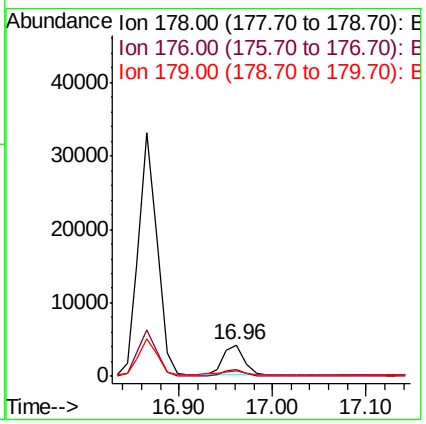


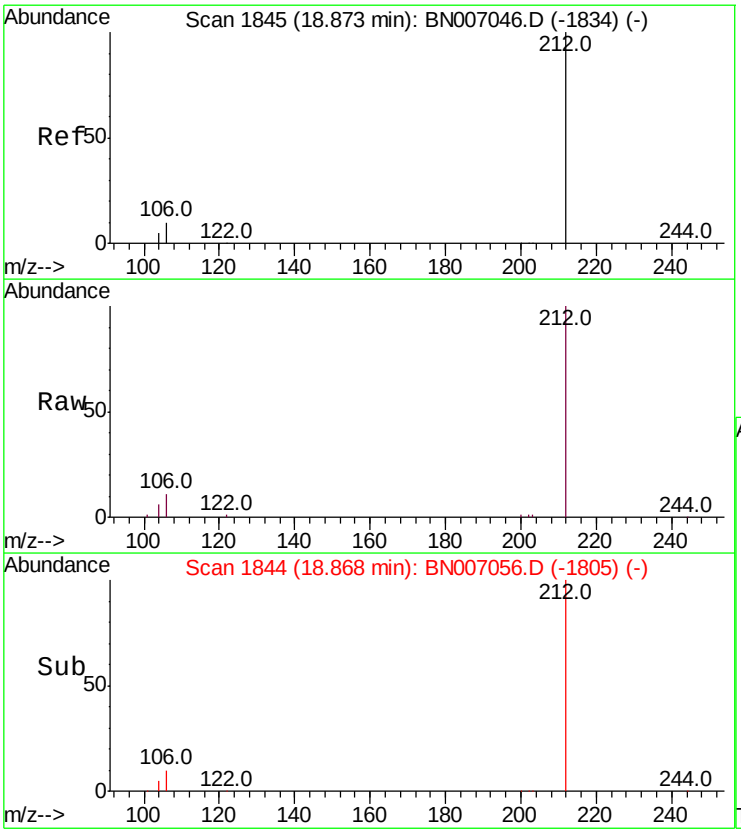
#23
Anthracene
Concen: 0.061 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6631

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	17.8	12.5	18.7

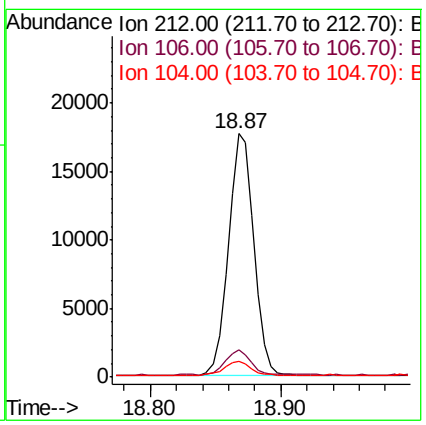


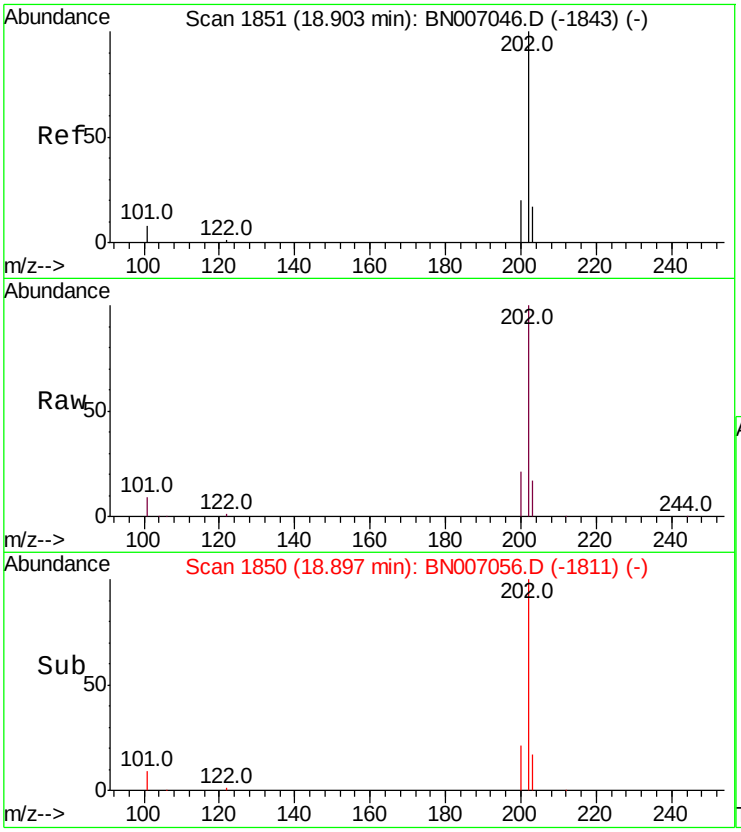


#24
Fluoranthene-d10
Concen: 0.169 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:212 Resp: 23942

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.9	4.5	6.7



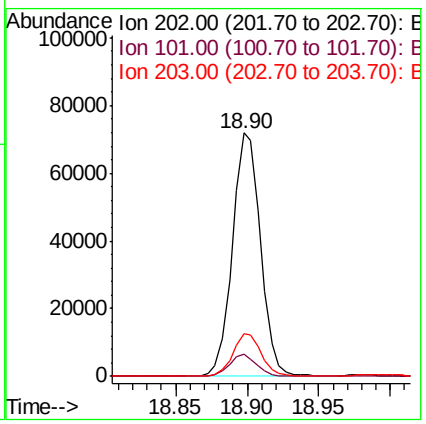


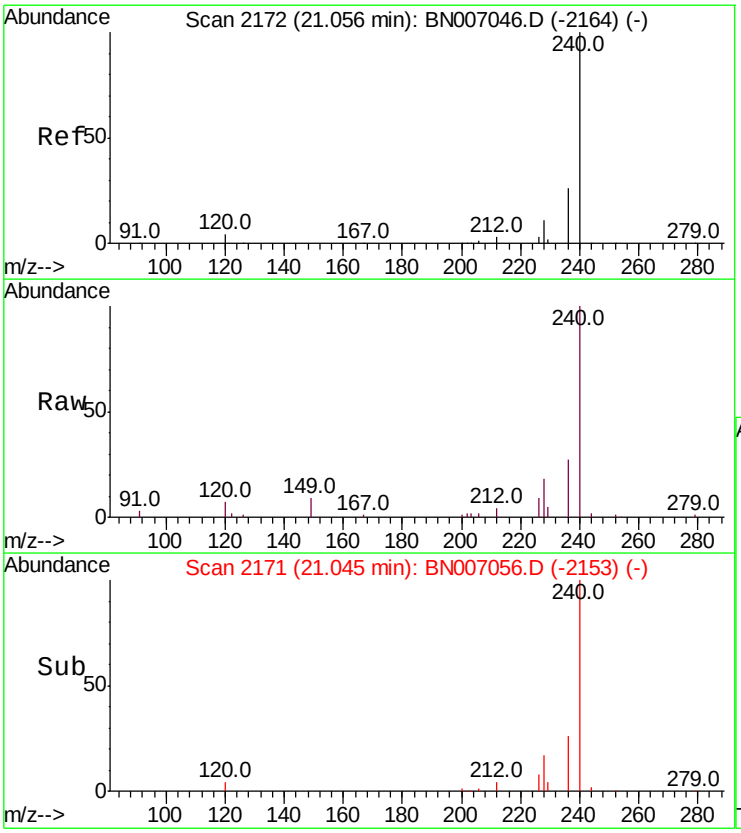
#25
Fluoranthene
Concen: 0.638 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 97732

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	17.2	13.8	20.8

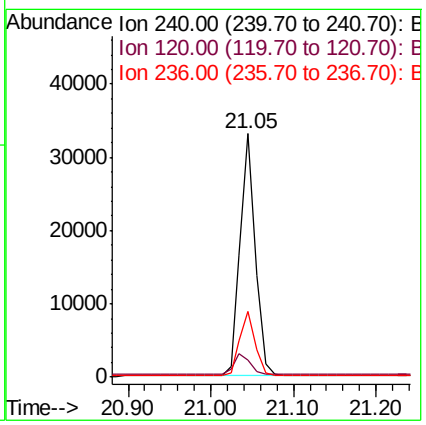


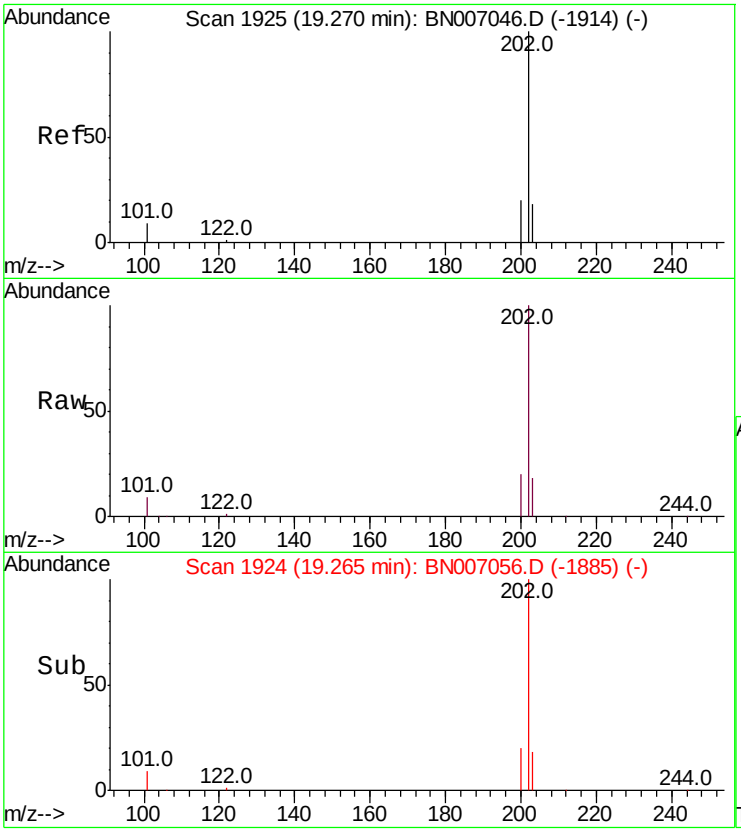


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:240 Resp: 42767

Ion	Ratio	Lower	Upper
240	100		
120	7.1	4.0	6.0#
236	27.0	21.3	31.9



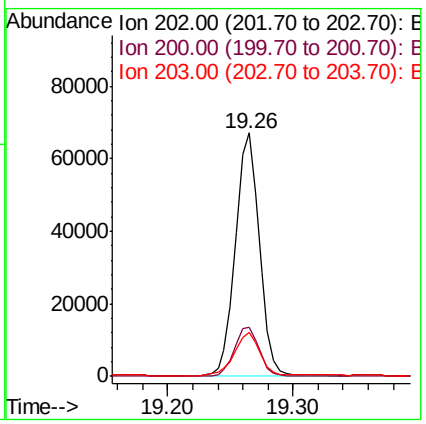


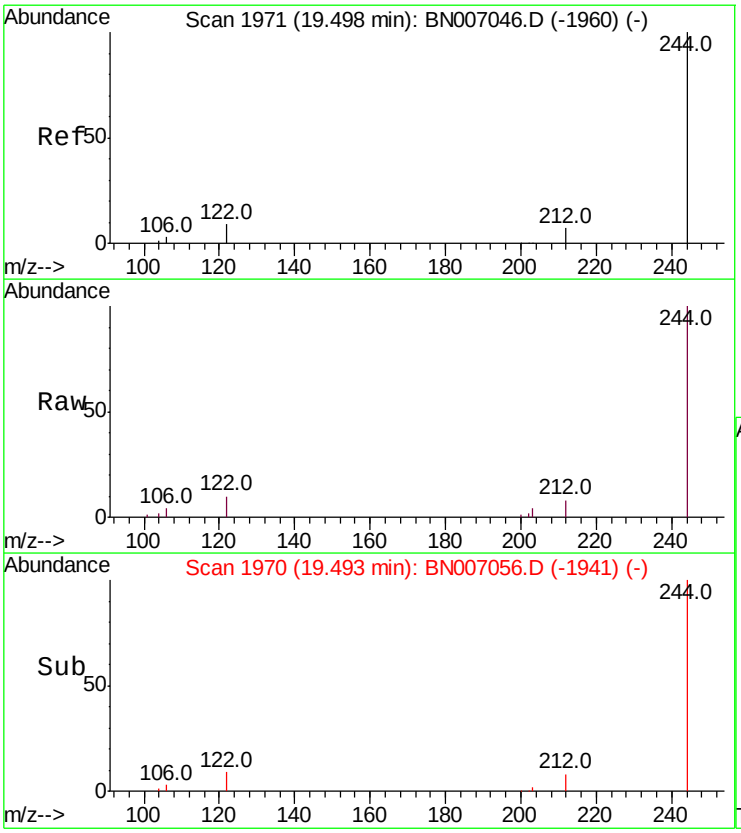
#27
Pyrene
Concen: 0.586 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 87915

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	19.0	14.0	21.0

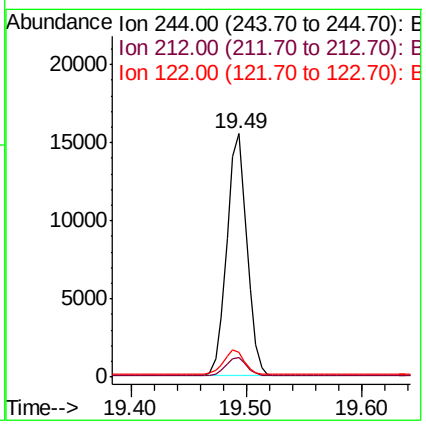


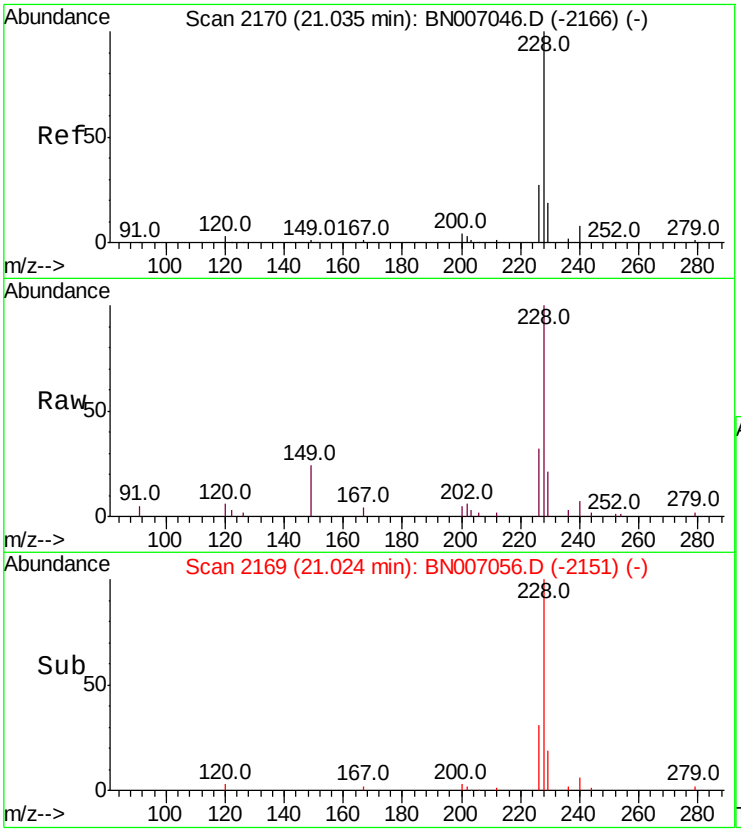


#28
Terphenyl-d14
Concen: 0.161 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:244 Resp: 18743

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.1	7.4	11.2



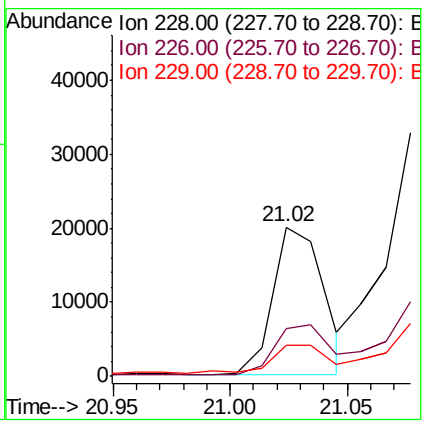


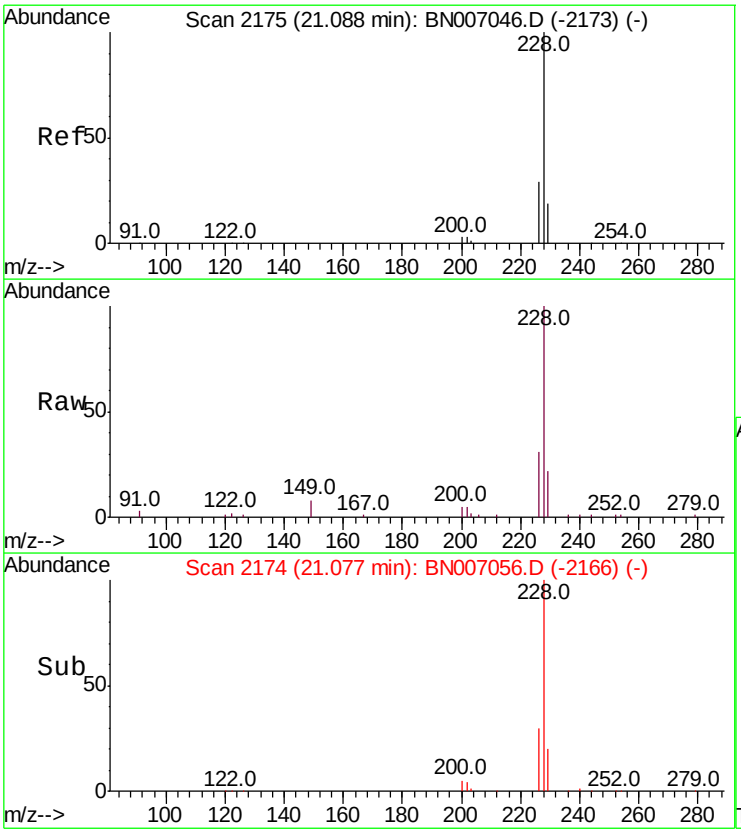
#29
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 29947

Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.8	32.6
229	21.2	15.6	23.4

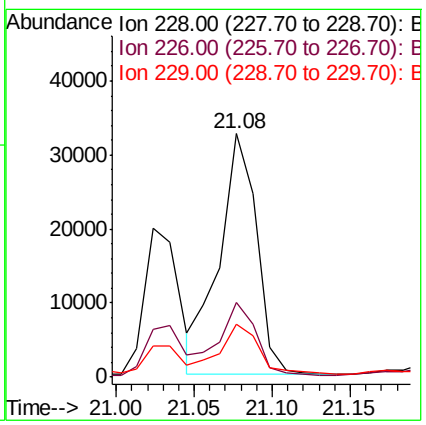


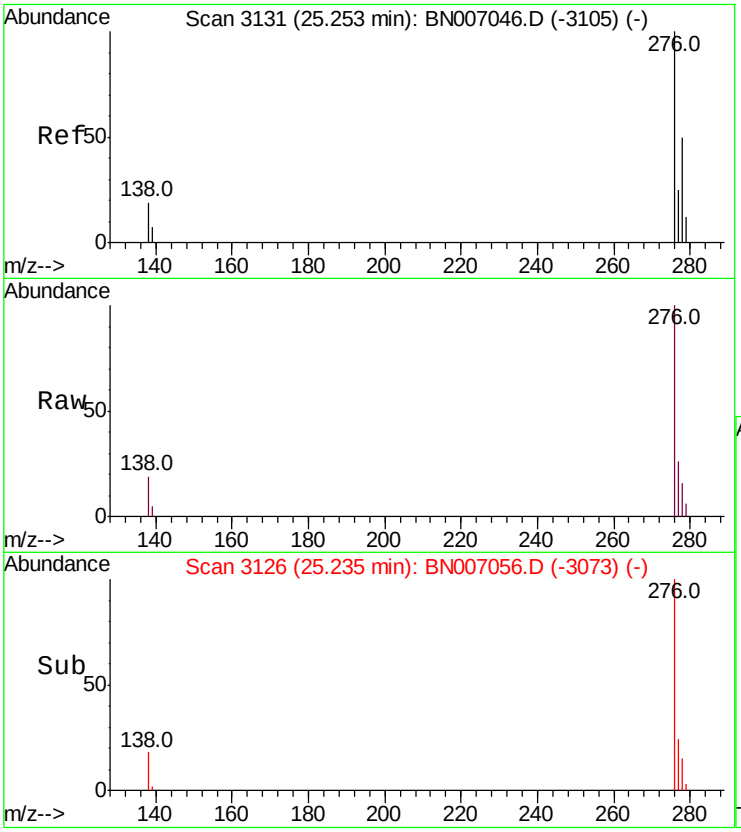


#30
Chrysene
Concen: 0.357 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:228 Resp: 54310

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	21.6	15.7	23.5



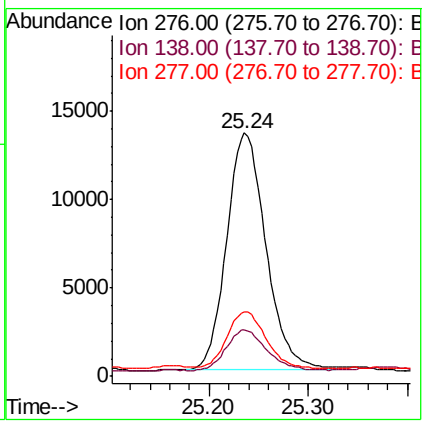


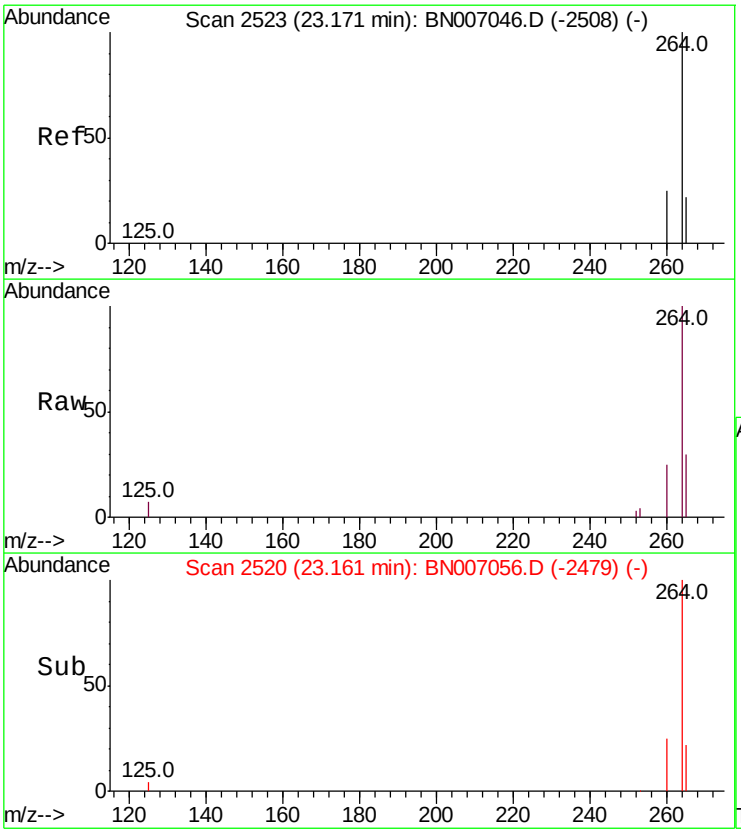
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36943

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.0	24.0
277	23.6	19.9	29.9

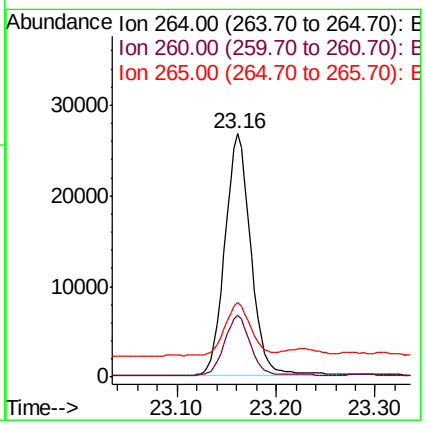


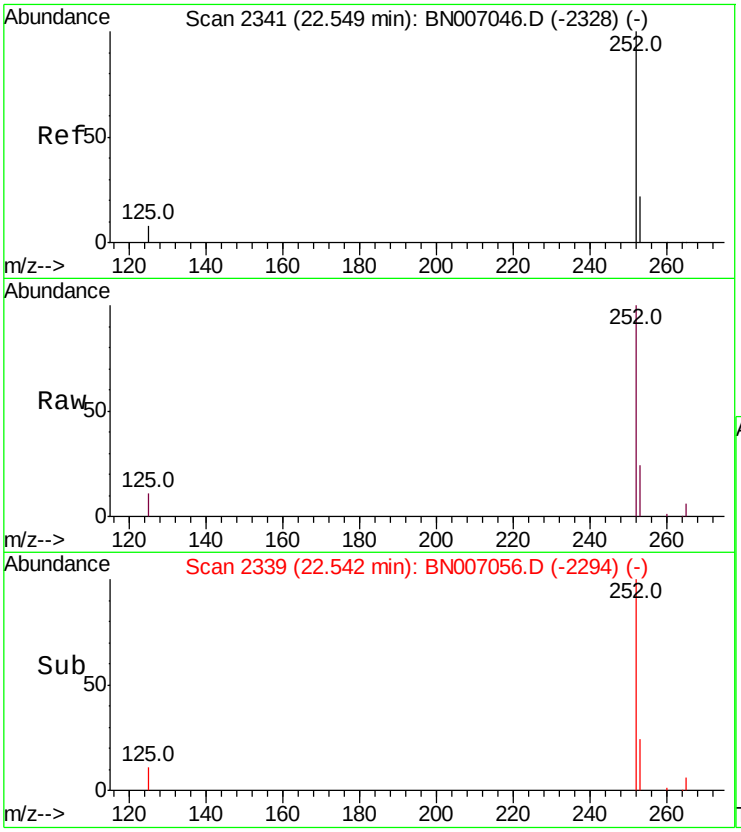


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:264 Resp: 47888

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	30.5	26.2	39.4



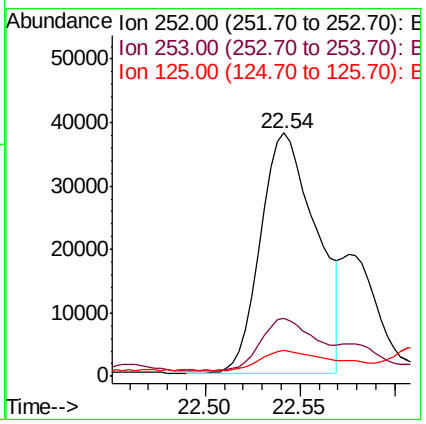


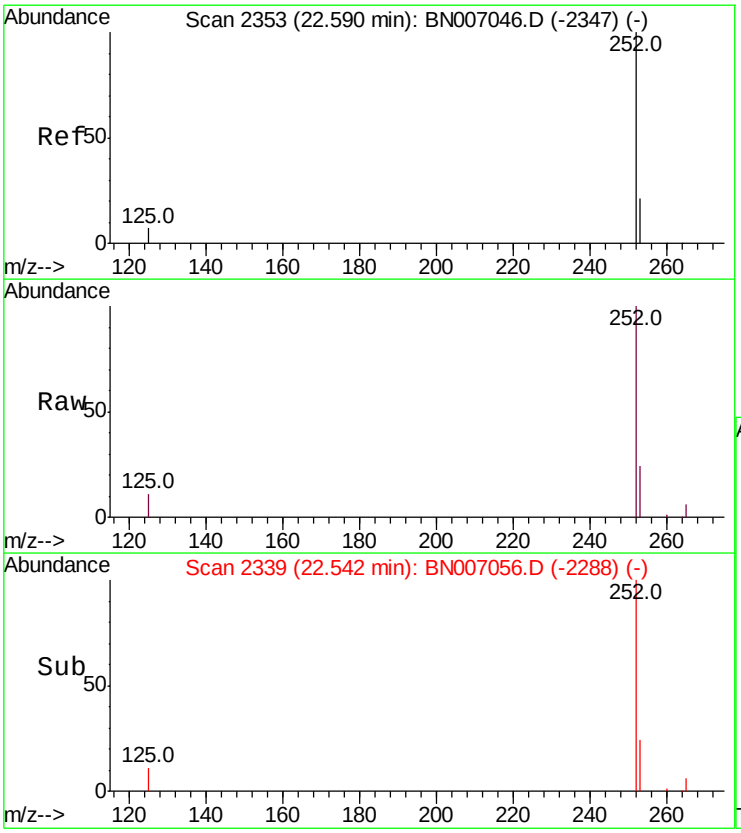
#33
Benzo(b)fluoranthene
Concen: 0.472 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 77585

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	10.6	7.4	11.0

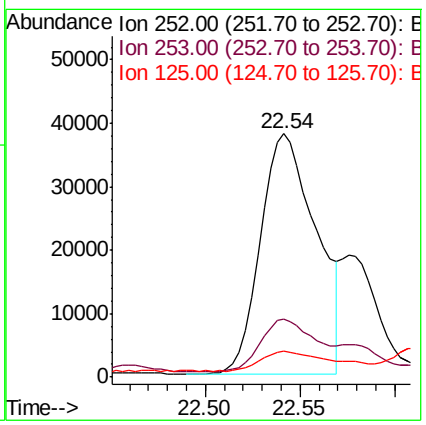


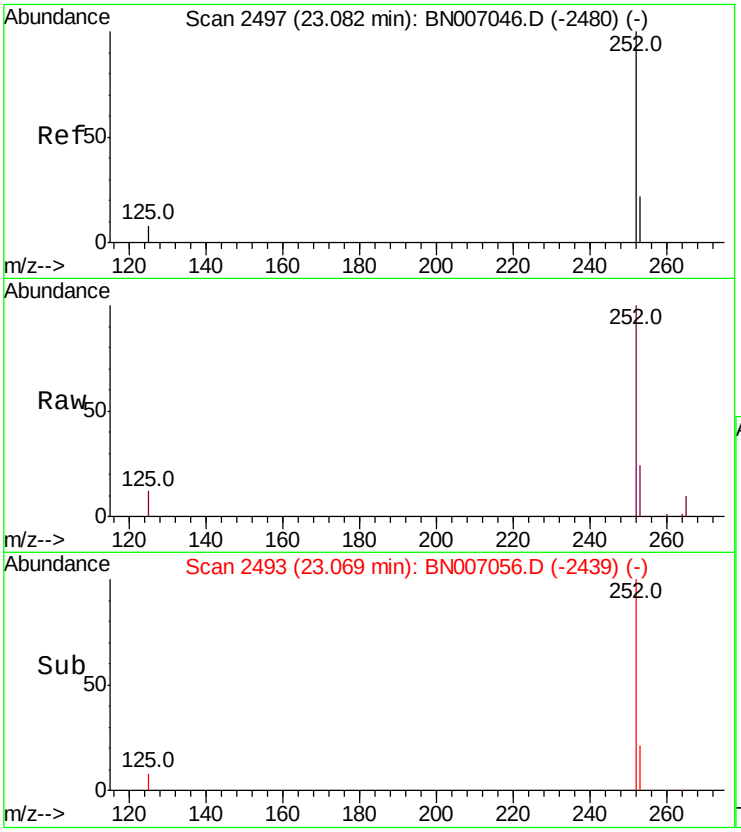


#34
Benzo(k)fluoranthene
Concen: 0.478 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:252 Resp: 77585

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	10.6	7.4	11.0



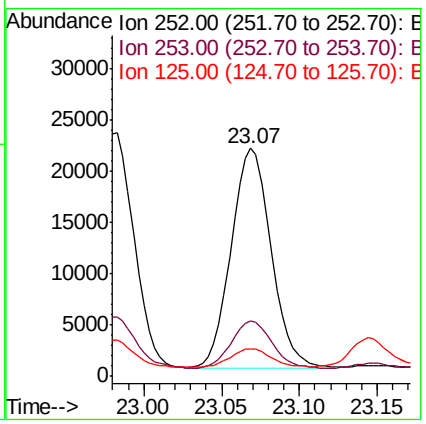


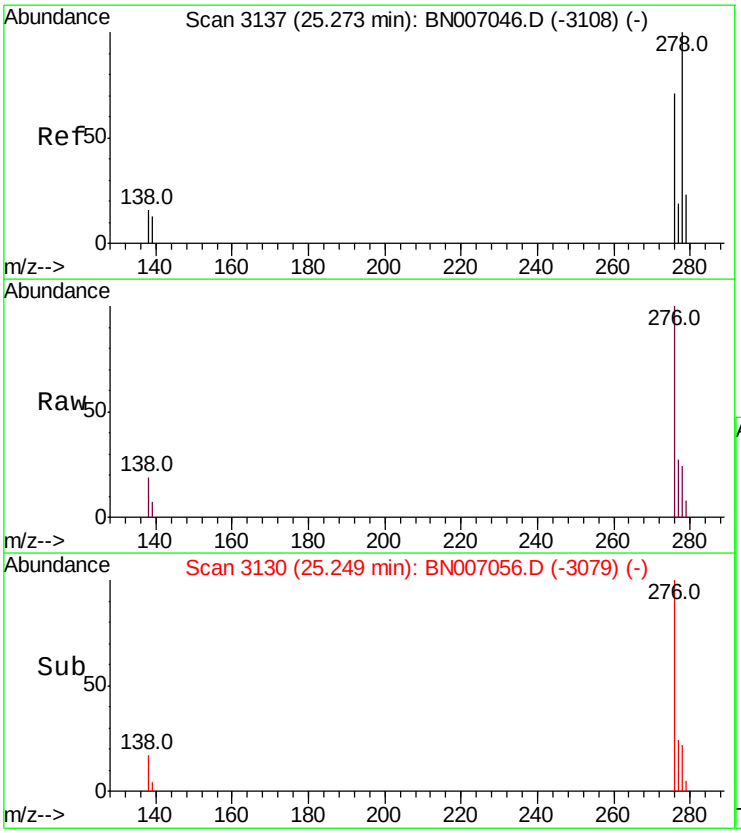
#35
Benzo(a)pyrene
Concen: 0.257 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38287

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	12.0	8.2	12.4

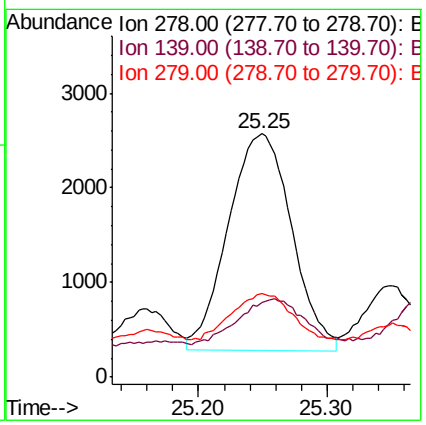


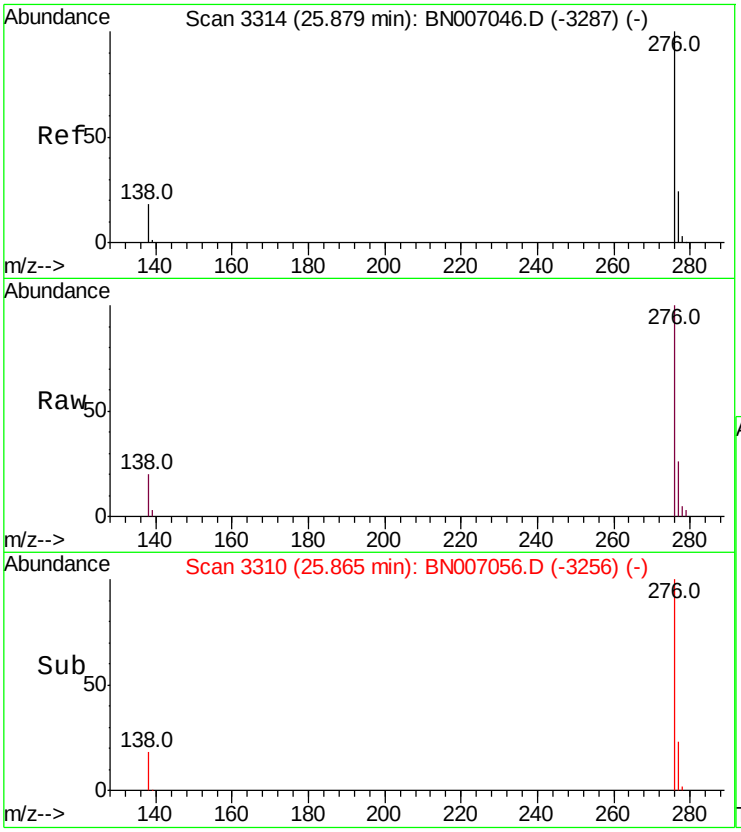


#36
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Tgt Ion:278 Resp: 7879

Ion	Ratio	Lower	Upper
278	100		
139	30.4	11.3	16.9#
279	34.3	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.255 ng
RT: 25.87 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BN007056.D
Acq: 10 Aug 2019 19:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38917

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.8	29.8
138	20.0	14.6	22.0