Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007107.D
Acq On : 12 Aug 2019 20:42
Operator : HP/JU
Sample : K4144-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 04:17:08 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	8585	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	32891	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	19956	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	48483	0.40	ng		0.00
26) Chrysene-d12	21.04	240	47724	0.40	ng		-0.01
32) Perylene-d12	23.16	264	53953	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5858	0.28	ng		0.00
4) Phenol-d6	6.61	99	7970	0.31	ng		0.00
7) Nitrobenzene-d5	8.56	82	6504	0.25	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	15075	0.25	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2340	0.22	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4007	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	40664	0.24	ng		0.00
28) Terphenyl-d14	19.49	244	32863	0.25	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	10890	0.118	ng		97
11) 2-Methylnaphthalene	11.86	142	8179	0.125	ng		95
15) Acenaphthylene	13.79	152	95097	0.912	ng		99
16) Acenaphthene	14.13	154	5797	0.087	ng	#	93
17) Fluorene	15.13	166	13553	0.136	ng	#	76
22) Phenanthrene	16.87	178	260756	1.795	ng		100
23) Anthracene	16.95	178	84904	0.640	ng		98
25) Fluoranthene	18.90	202	571612	3.075	ng		99
27) Pyrene	19.26	202	656343	3.922	ng		98
29) Benzo(a)anthracene	21.02	228	322041	1.845	ng		92
30) Chrysene	21.08	228	401512	2.368	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	246777	1.320	ng		99
33) Benzo(b)fluoranthene	22.54	252	478876	2.588	ng		99
34) Benzo(k)fluoranthene	22.54	252	478876	2.621	ng		99
35) Benzo(a)pyrene	23.07	252	334164	1.992	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	67894	0.406	ng	#	87
37) Benzo(g,h,i)perylene	25.86	276	270743	1.573	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
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Acq On : 12 Aug 2019 20:42
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Instrument :
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ClientSampleId :

Quant Time: Aug 13 04:17:08 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
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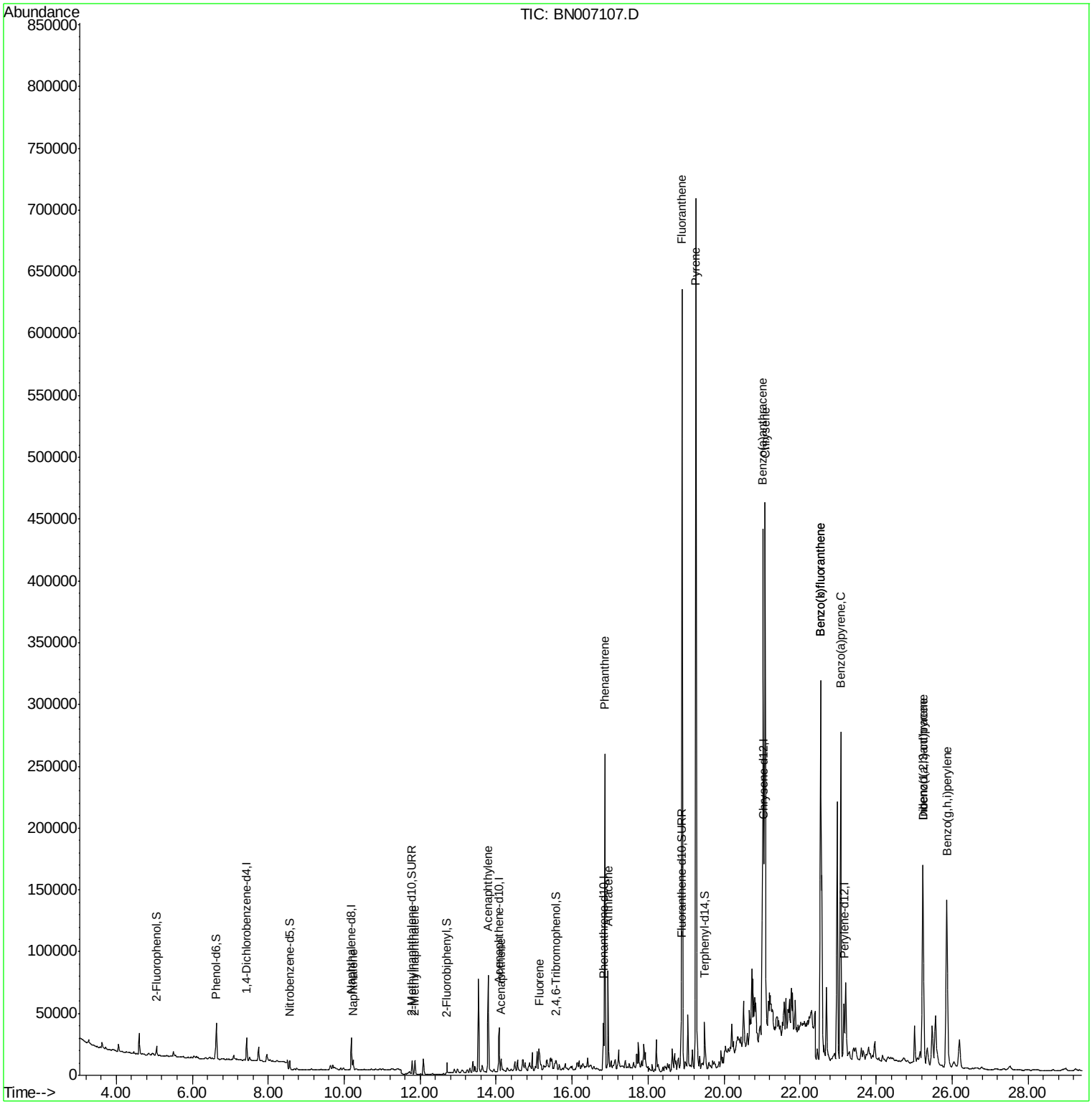
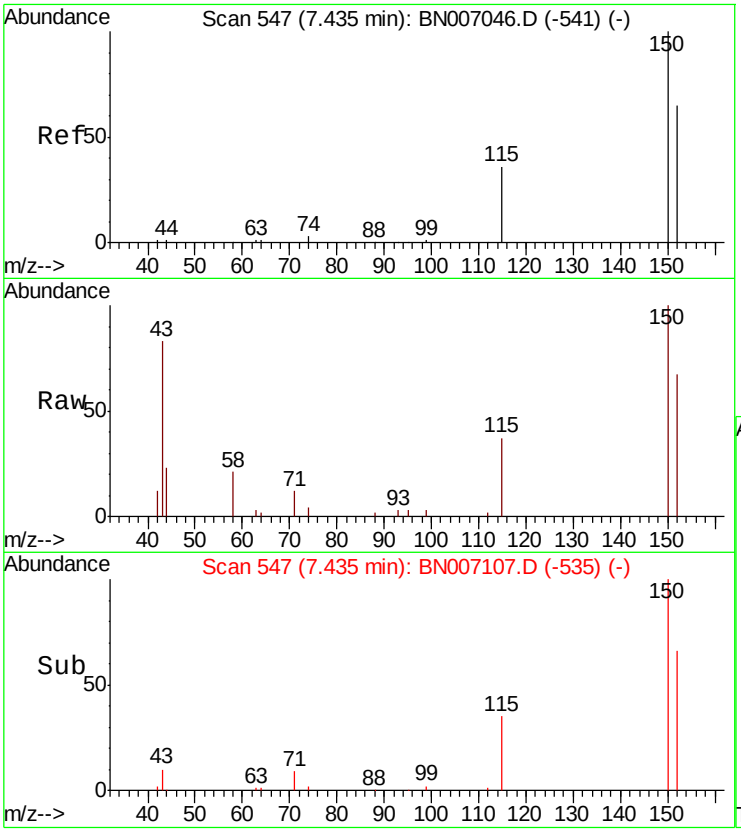


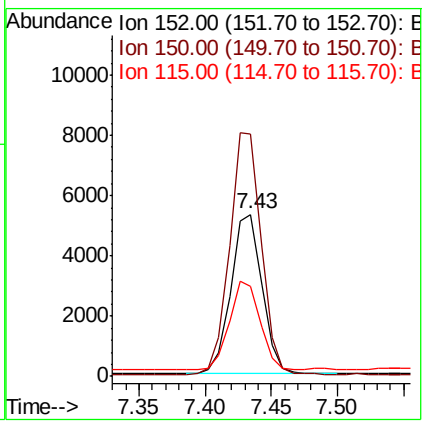


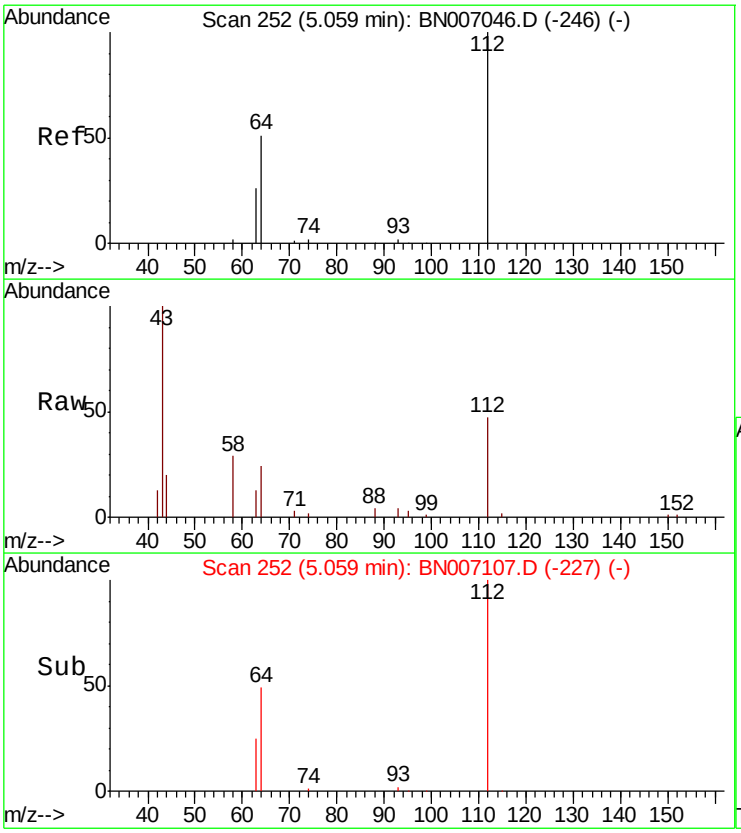
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8585

Ion	Ratio	Lower	Upper
152	100		
150	149.6	121.7	182.5
115	56.0	46.2	69.4

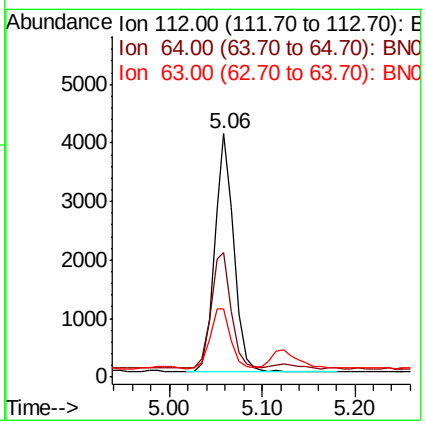


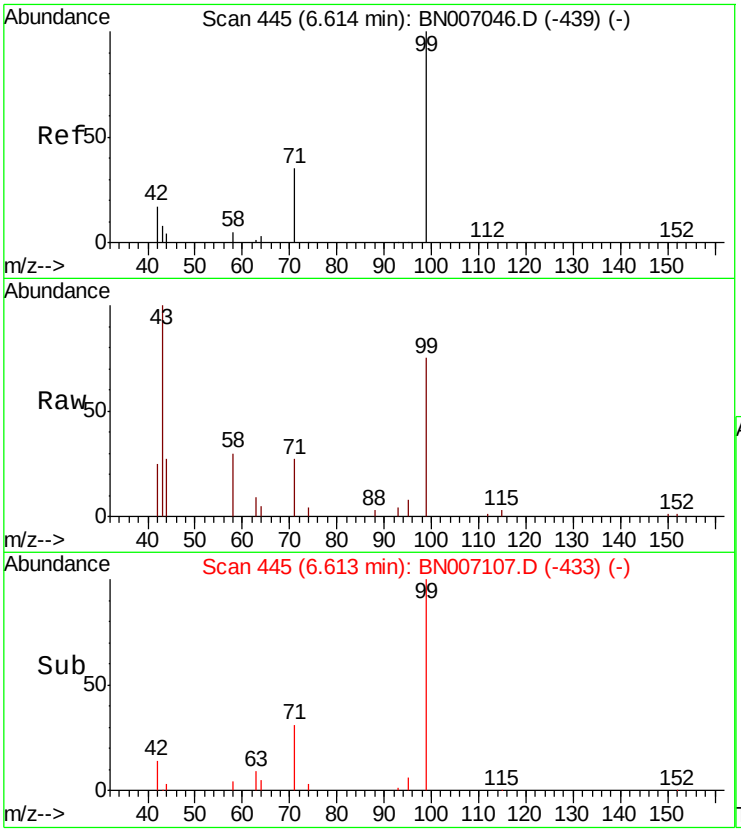


#3
2-Fluorophenol
Concen: 0.284 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:112 Resp: 5858

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.6	63.8
63	27.1	22.2	33.2



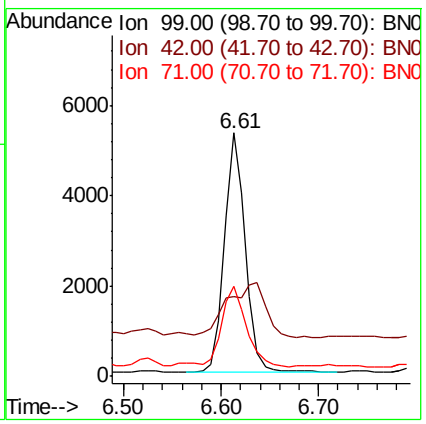


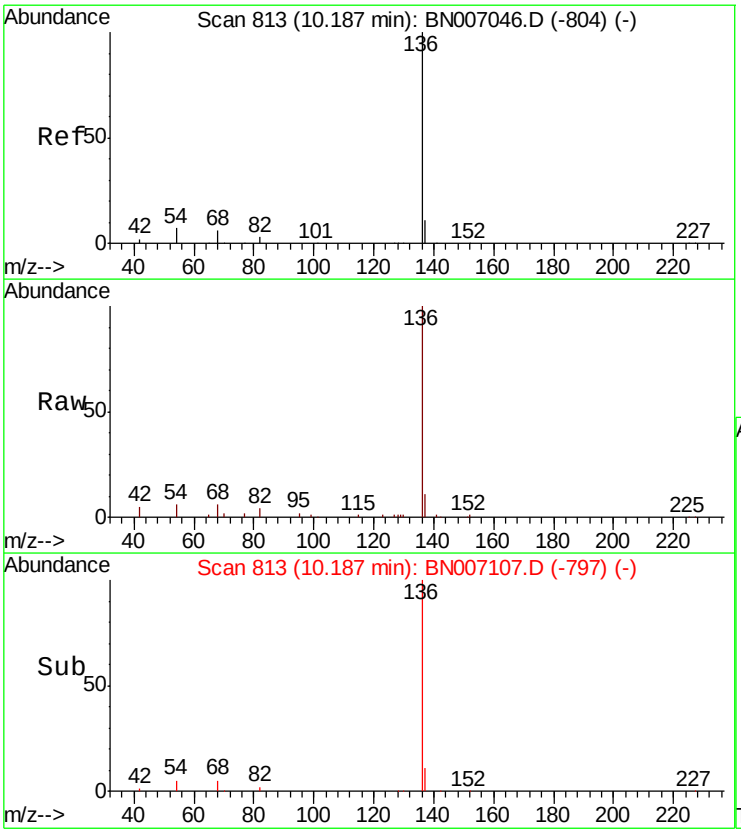
#4
Phenol-d6
Concen: 0.312 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7970

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

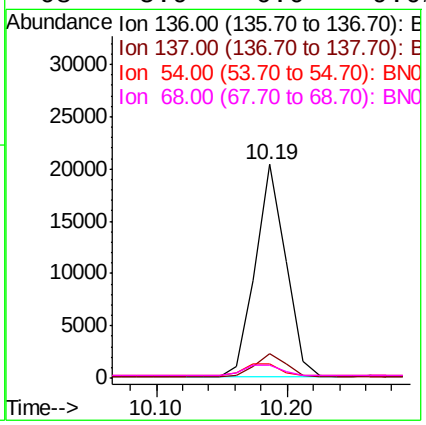


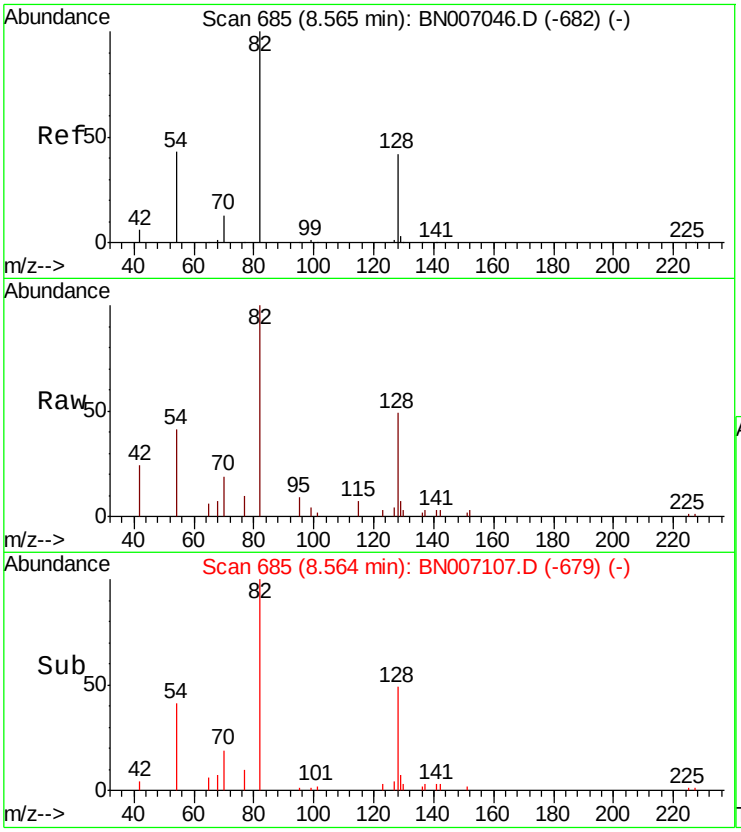


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:136 Resp: 32891

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.4	6.6	9.8#
68	5.9	6.0	9.0#



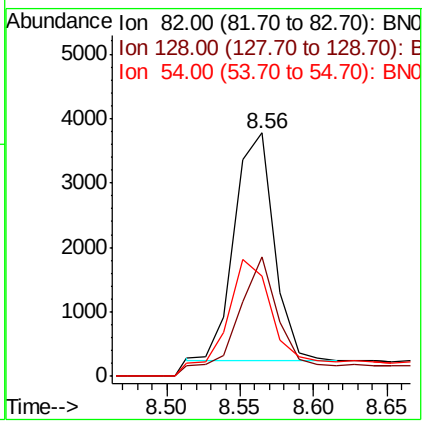


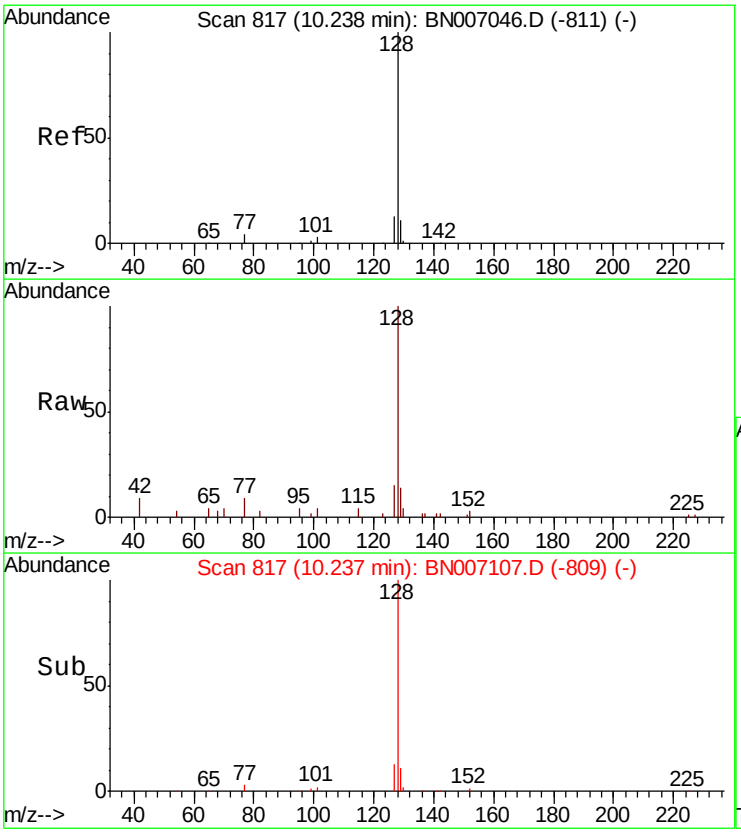
#7
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6504

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	51.8
54	41.1	36.2	54.4

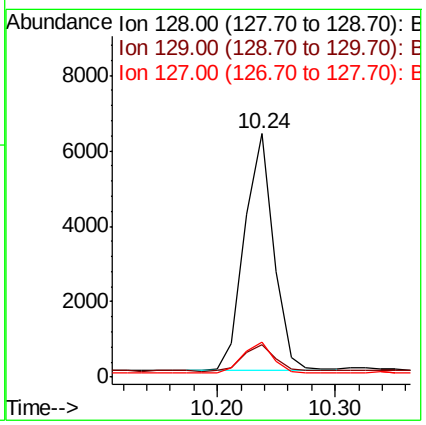


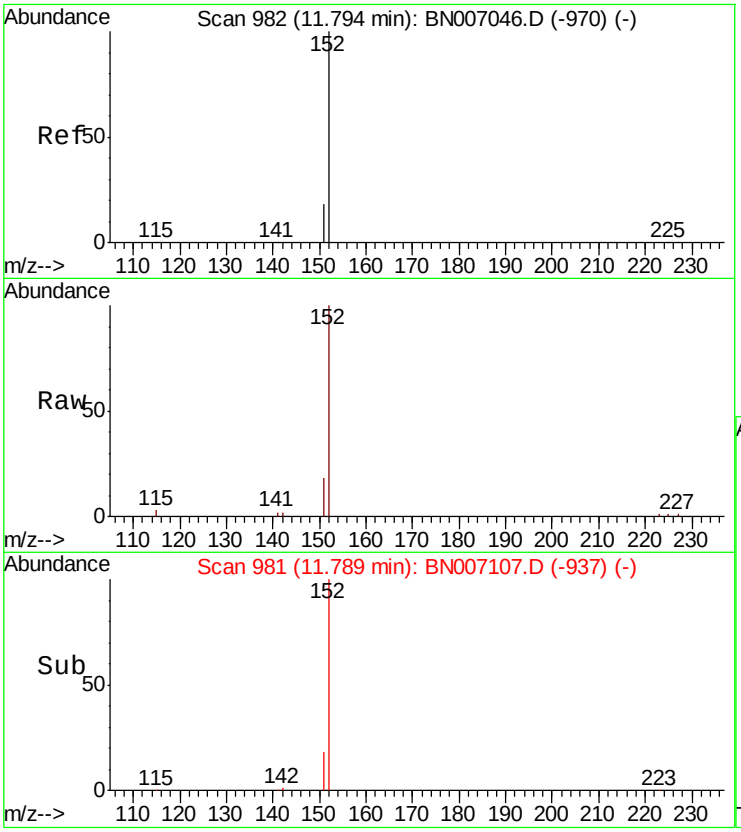


#8
Naphthalene
Concen: 0.118 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:128 Resp: 10890

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.2
127	14.6	11.0	16.6



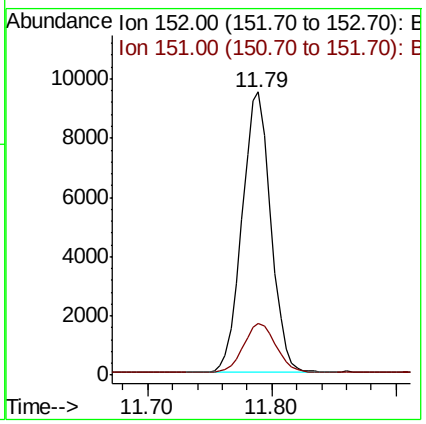


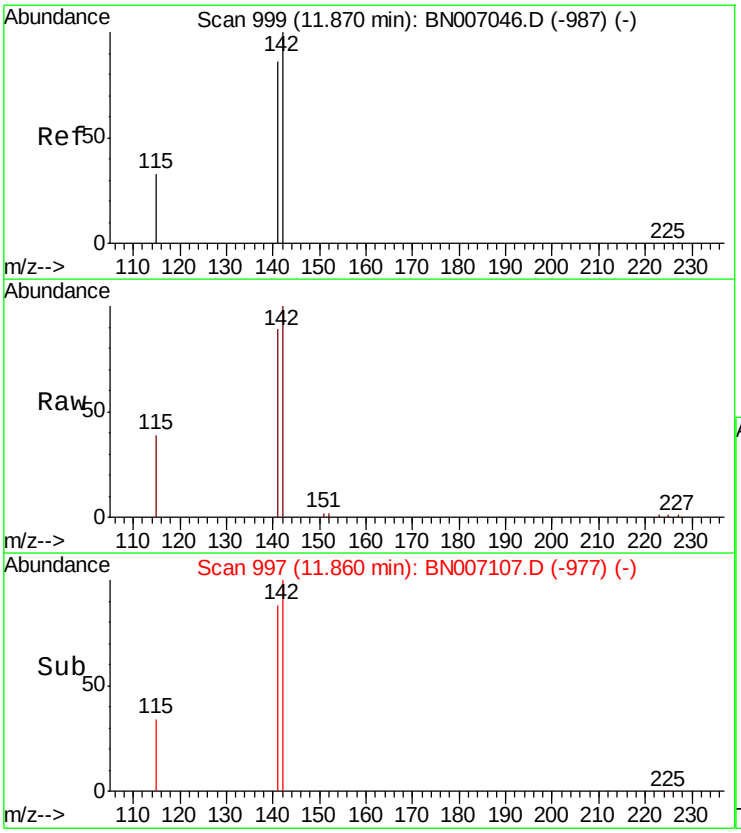
#10
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15075

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

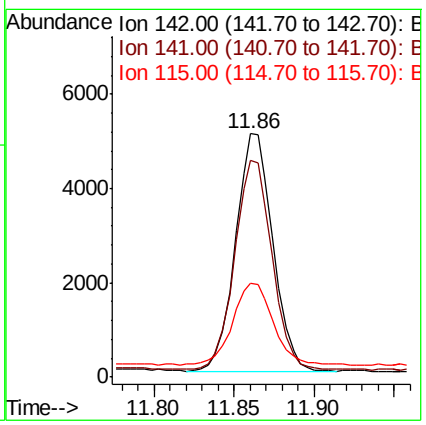


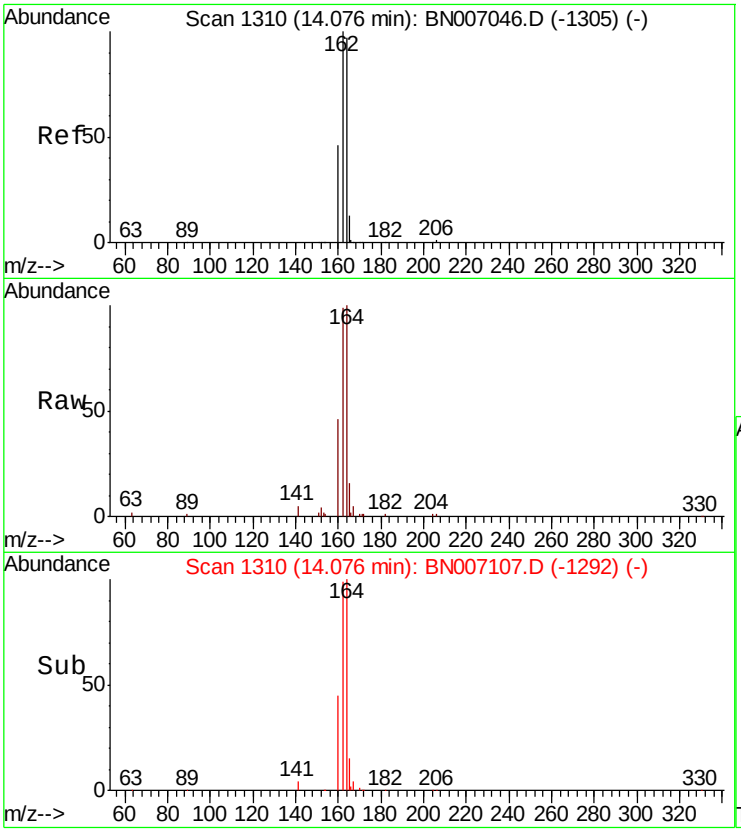


#11
2-Methylnaphthalene
Concen: 0.125 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:142 Resp: 8179

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.6
115	38.7	27.1	40.7



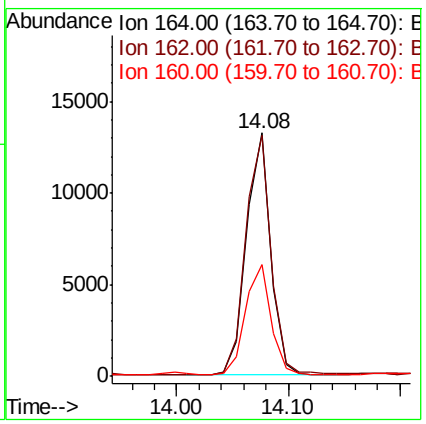


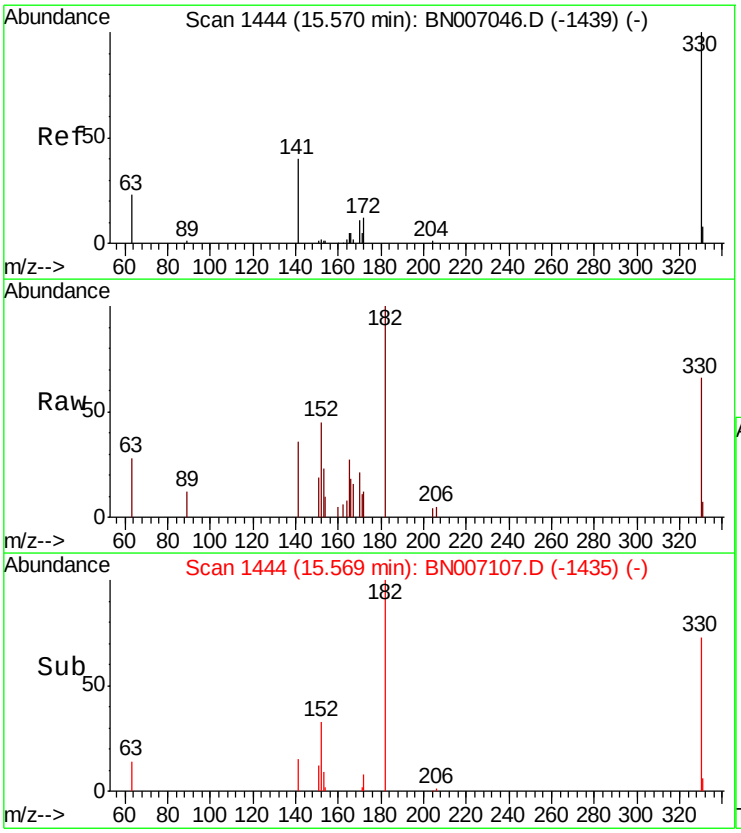
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 19956

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.2	123.4
160	46.1	38.3	57.5

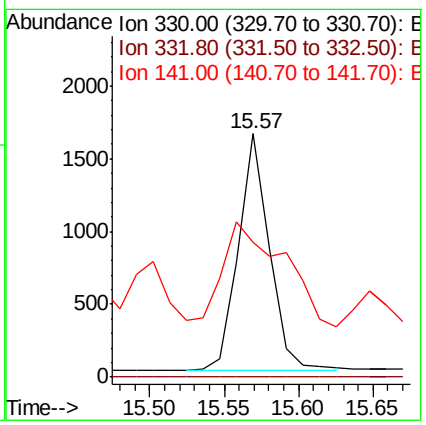


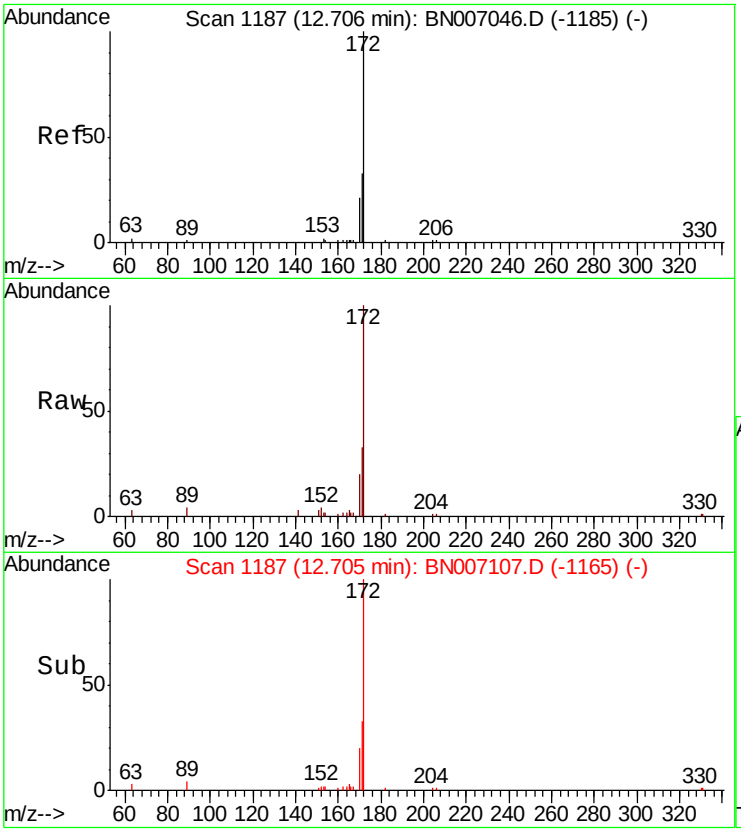


#13
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:330 Resp: 2340

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	86.7	33.6	50.4#



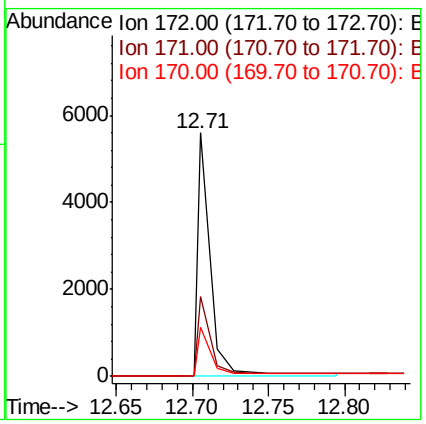


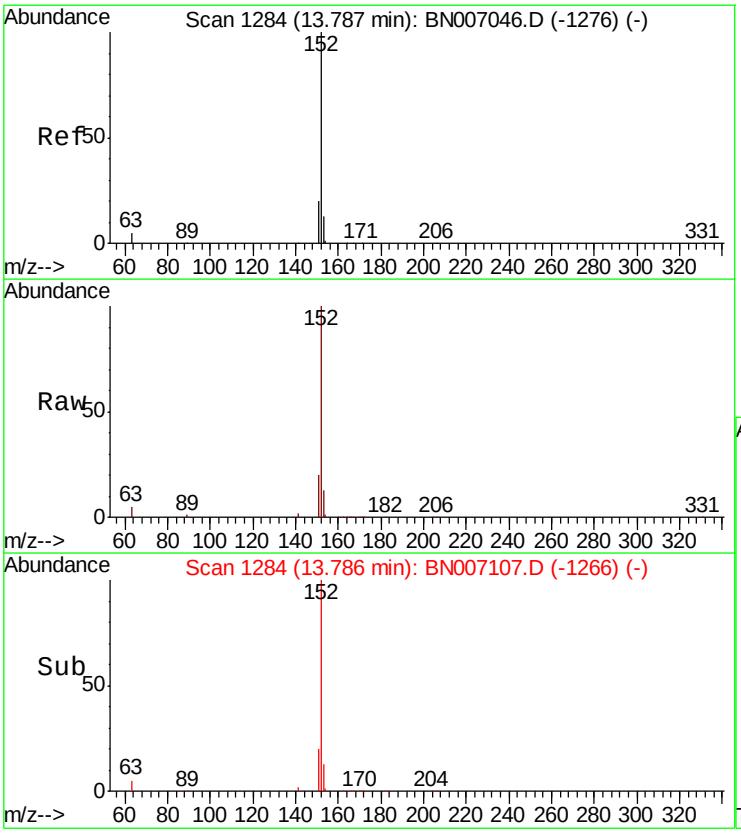
#14
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4007

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	20.0	17.0	25.4

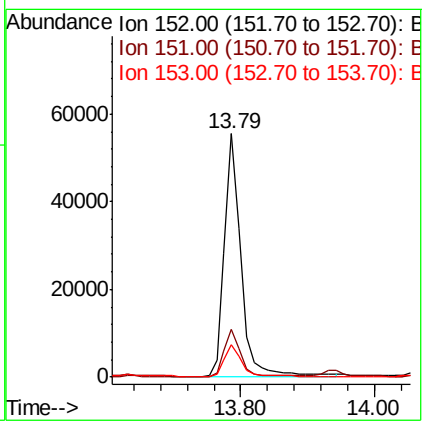


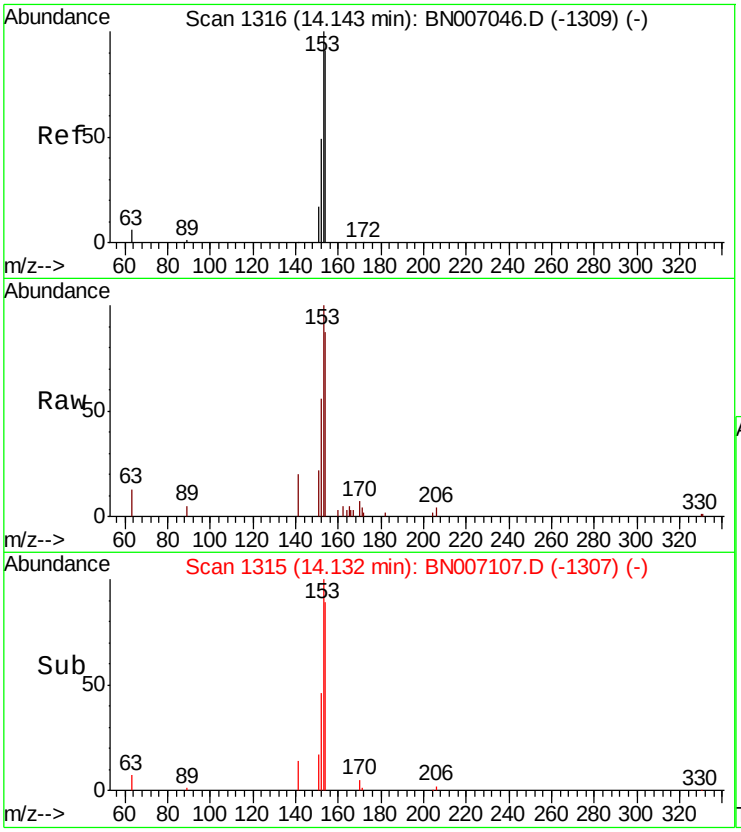


#15
Acenaphthylene
Concen: 0.912 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:152 Resp: 95097

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.6	10.4	15.6



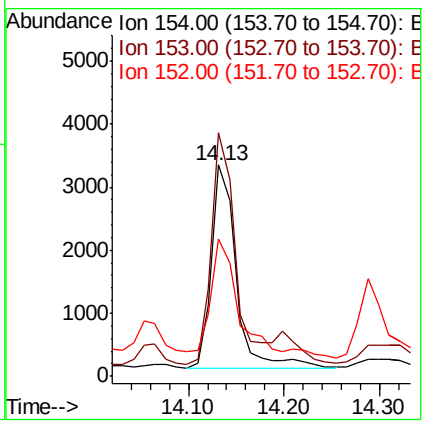


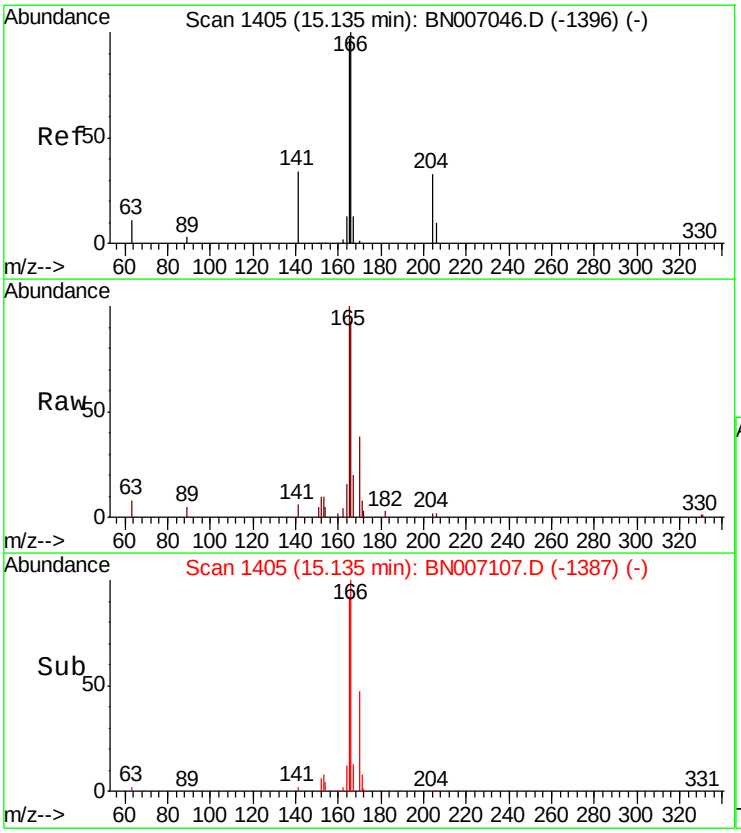
#16
Acenaphthene
Concen: 0.087 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5797

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	69.8	44.8	67.2#

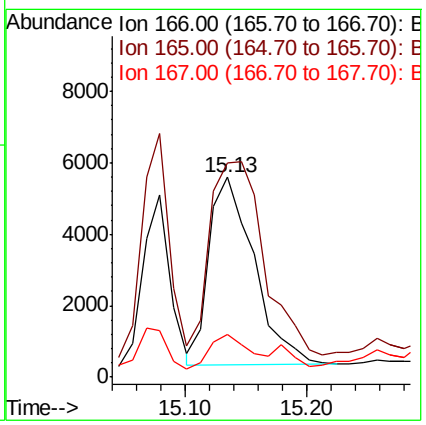


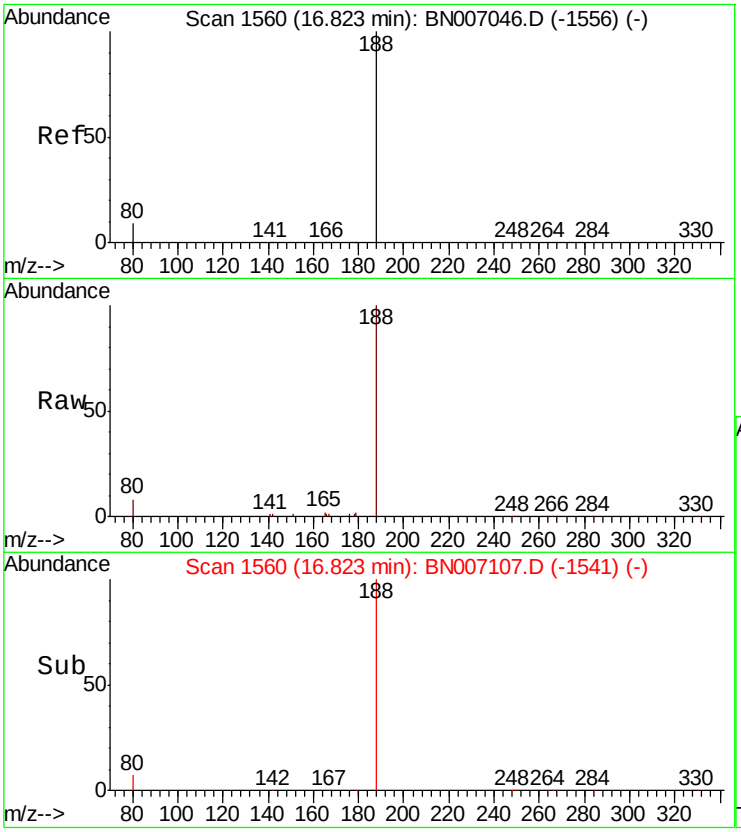


#17
Fluorene
Concen: 0.136 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:166 Resp: 13553

Ion	Ratio	Lower	Upper
166	100		
165	123.8	77.9	116.9#
167	16.2	10.9	16.3



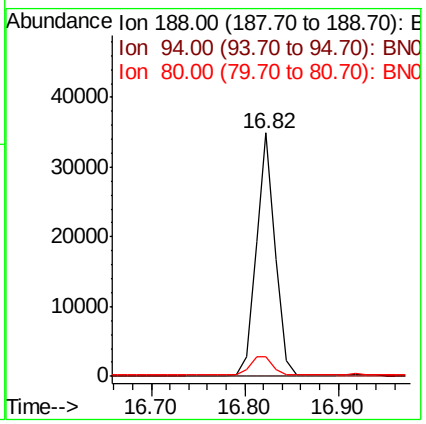


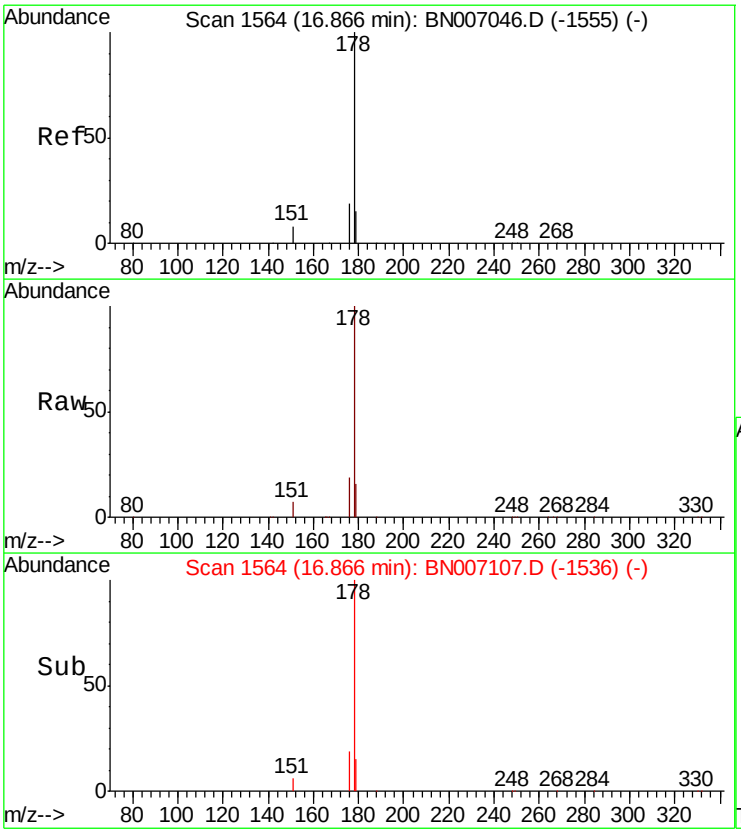
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 48483

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.6

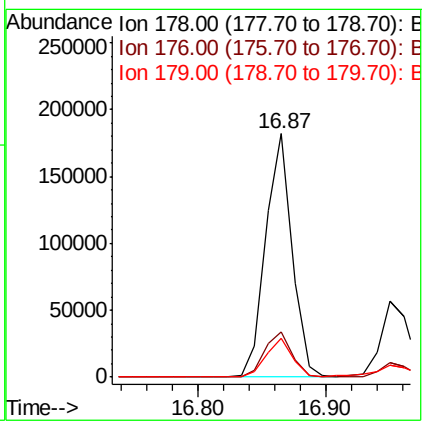


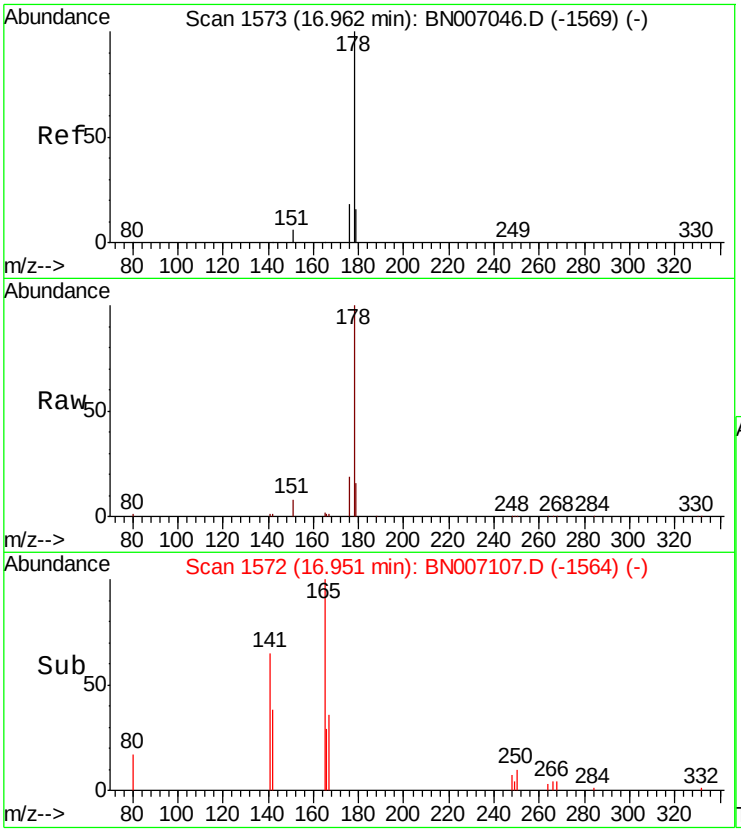


#22
Phenanthrene
Concen: 1.795 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:178 Resp: 260756

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.3	18.5



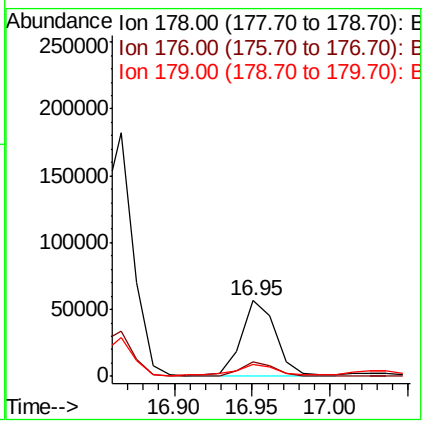


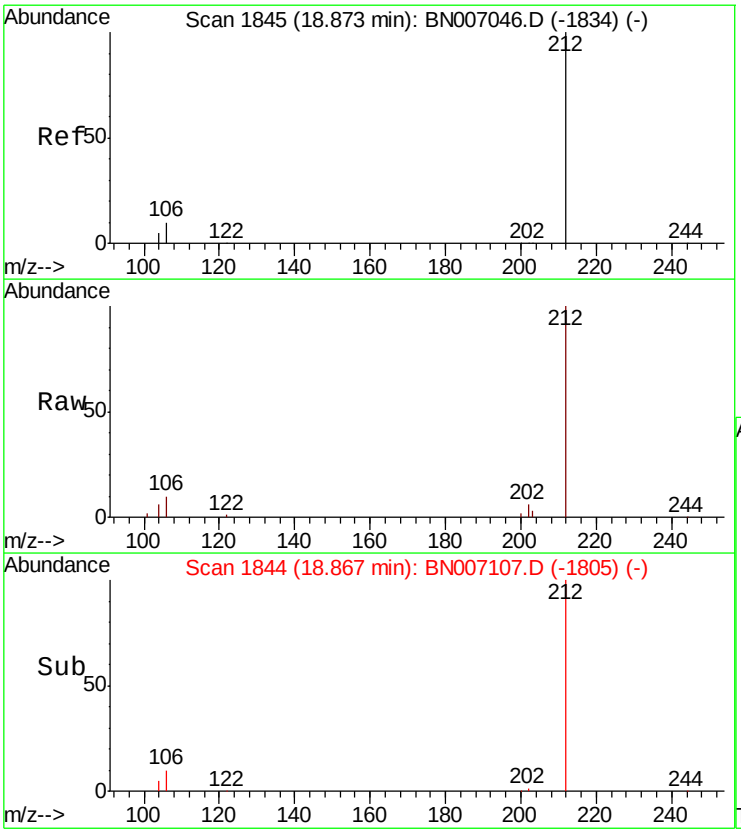
#23
Anthracene
Concen: 0.640 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 84904

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	17.4	12.5	18.7

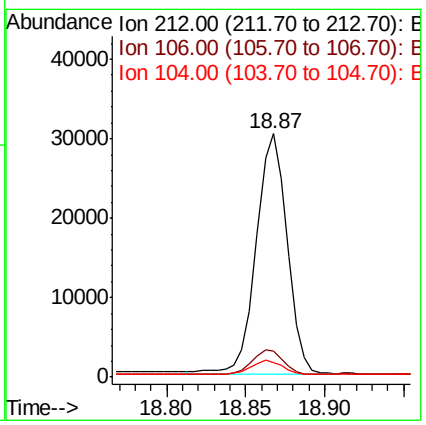


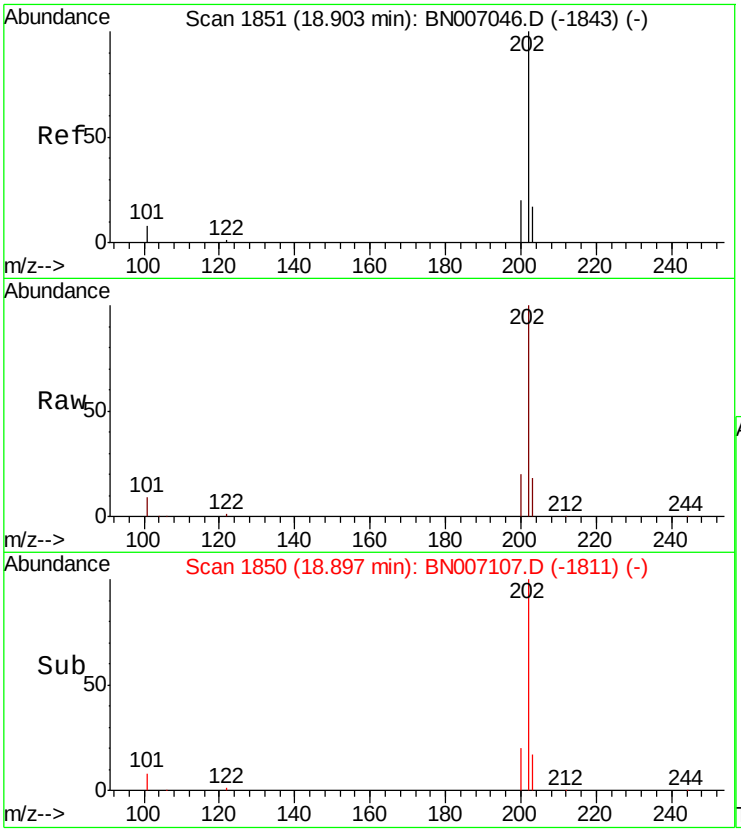


#24
Fluoranthene-d10
Concen: 0.237 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:212 Resp: 40664

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	6.5	4.5	6.7



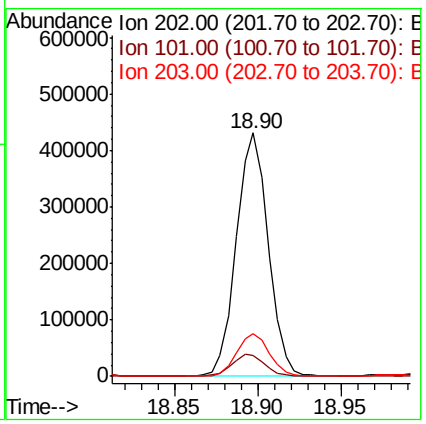


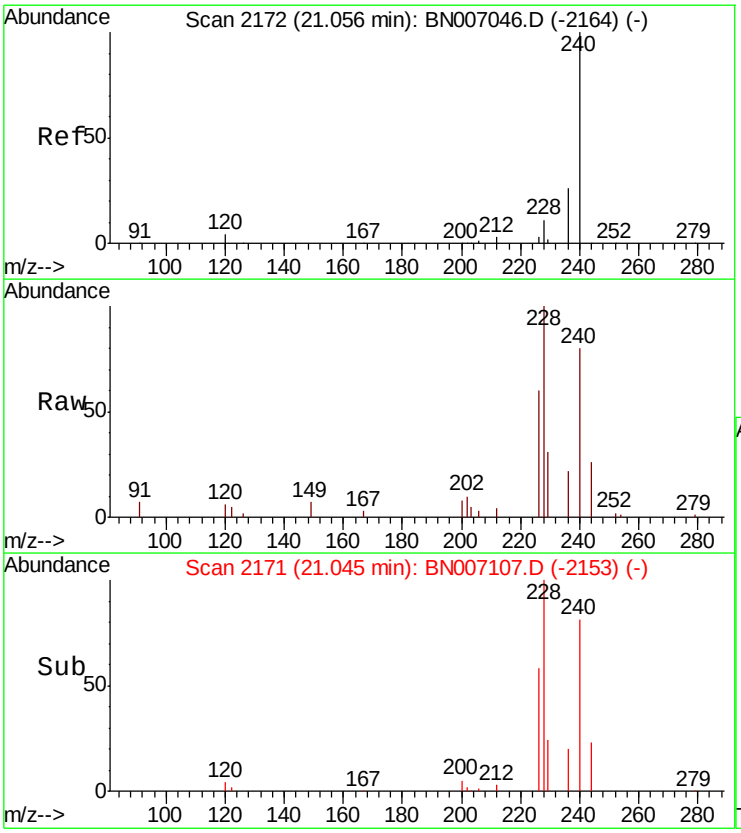
#25
Fluoranthene
Concen: 3.075 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 571612

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.7	13.8	20.8

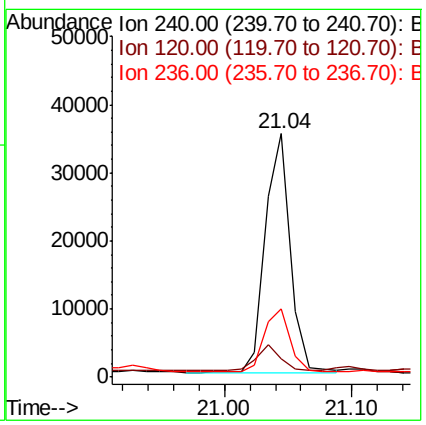


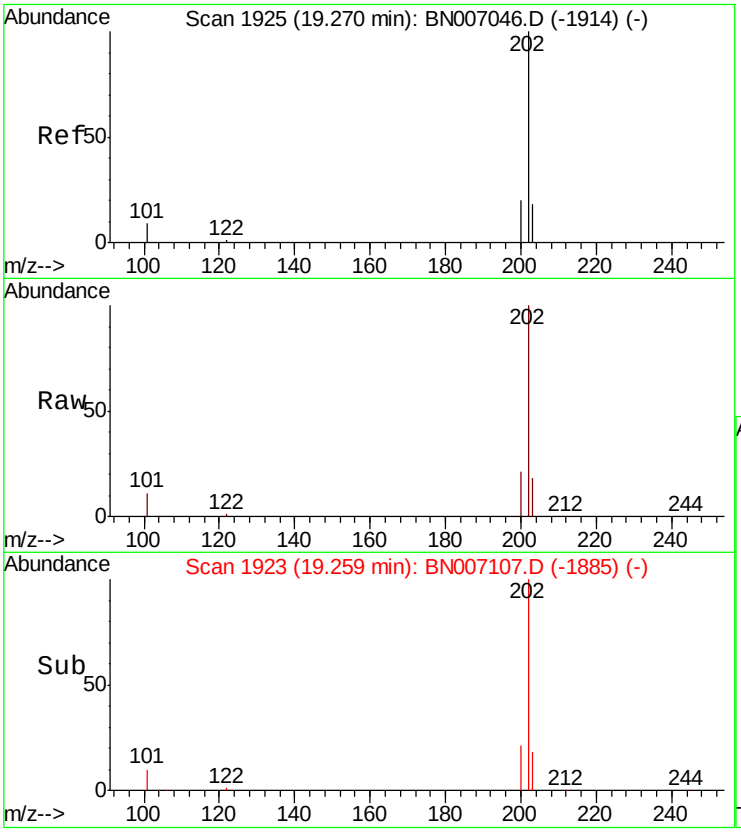


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:240 Resp: 47724

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.0	6.0#
236	27.8	21.3	31.9



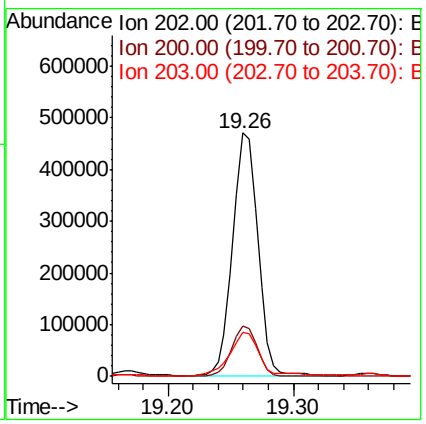


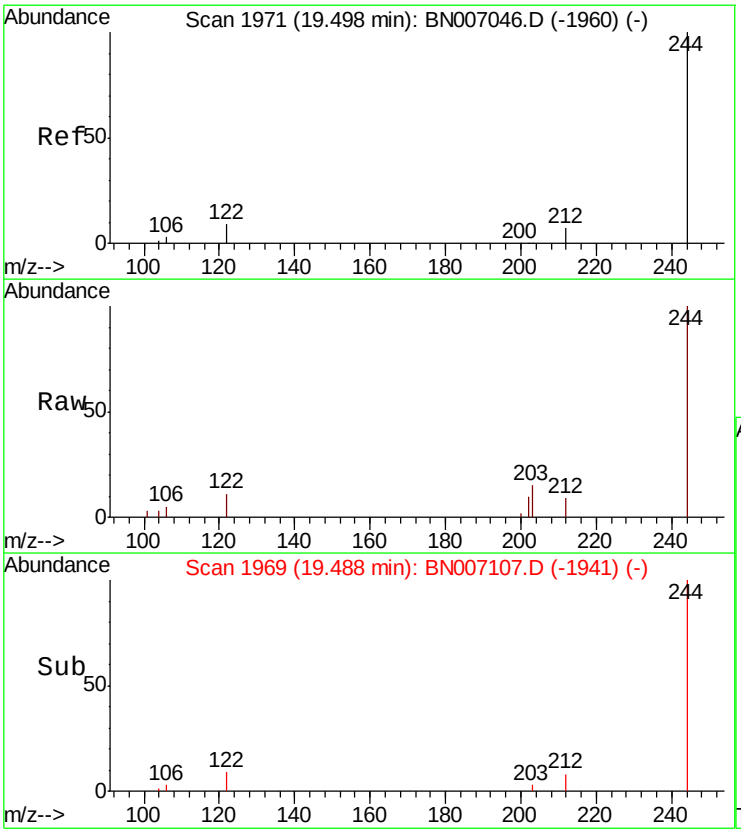
#27
Pyrene
Concen: 3.922 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 656343

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	19.8	14.0	21.0

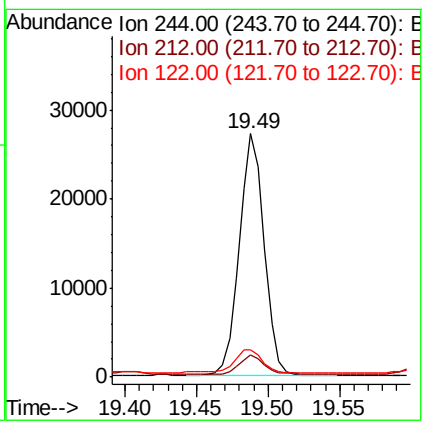


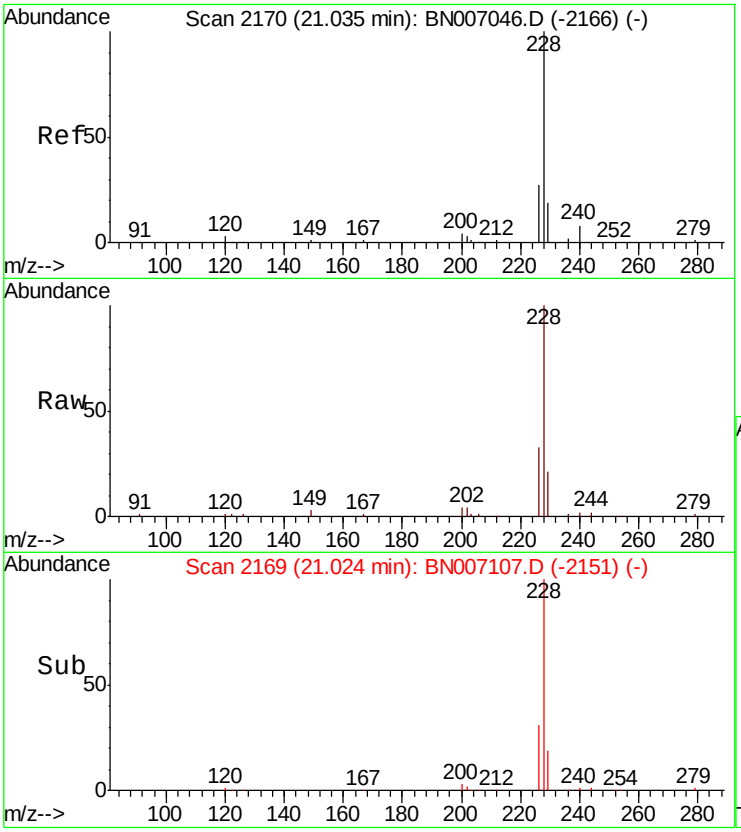


#28
Terphenyl-d14
Concen: 0.253 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:244 Resp: 32863

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.2
122	11.3	7.4	11.2#



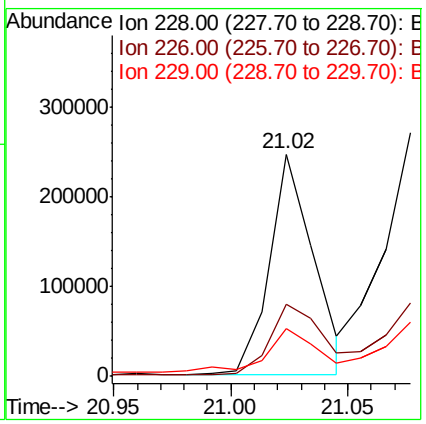


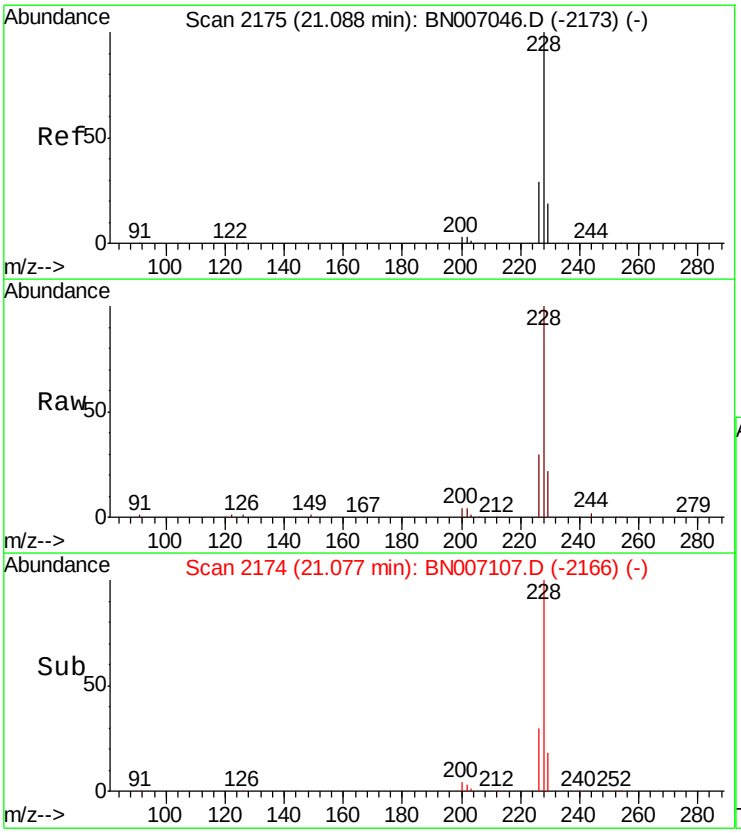
#29
Benzo(a)anthracene
Concen: 1.845 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 322041

Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.8	32.6
229	21.3	15.6	23.4

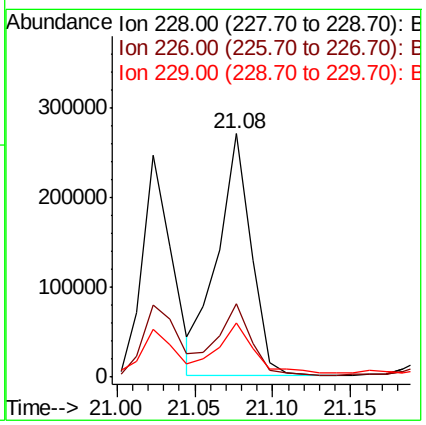


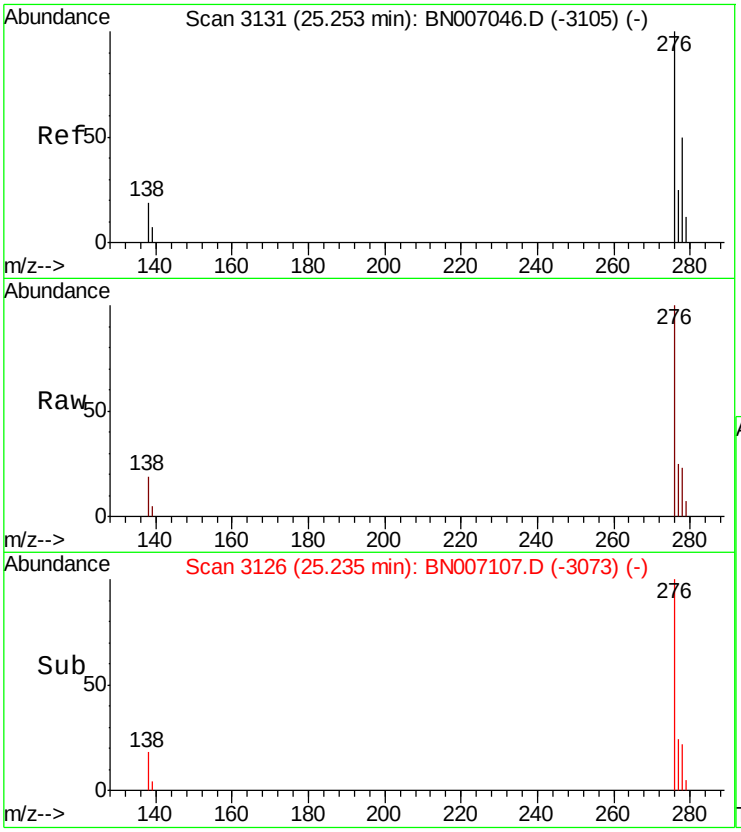


#30
Chrysene
Concen: 2.368 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:228 Resp: 401512

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.1	15.7	23.5



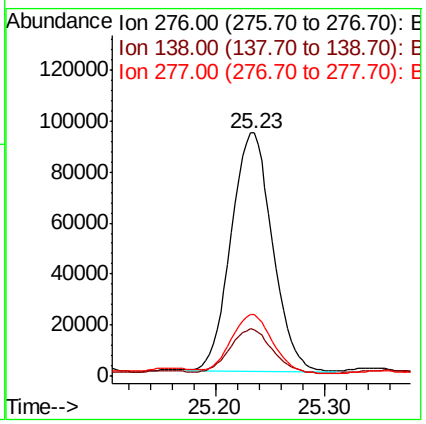


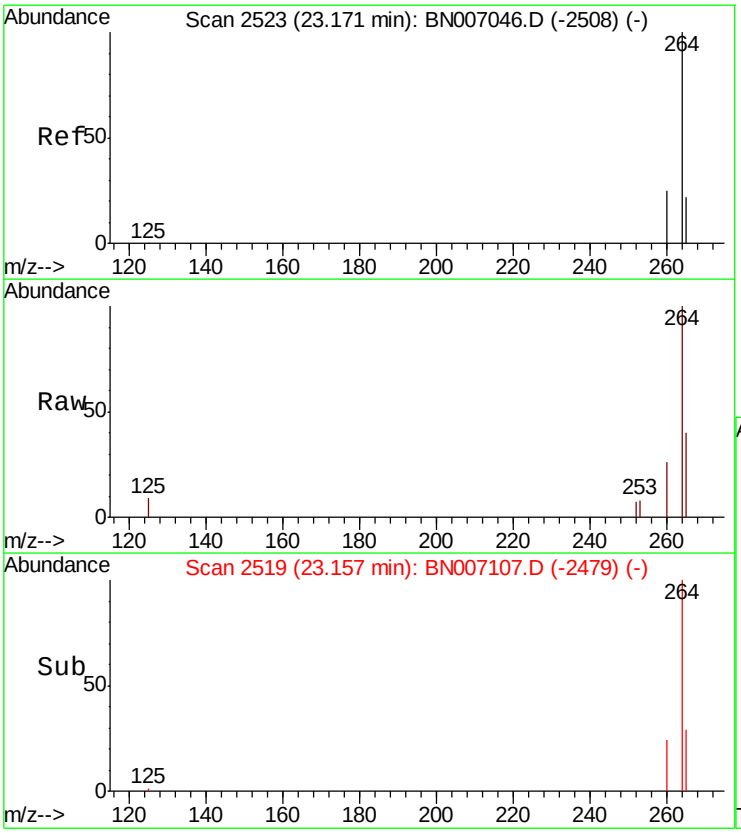
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.320 ng
RT: 25.23 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 246777

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.0	24.0
277	24.8	19.9	29.9

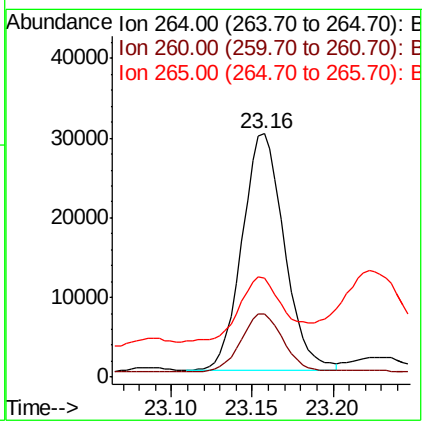


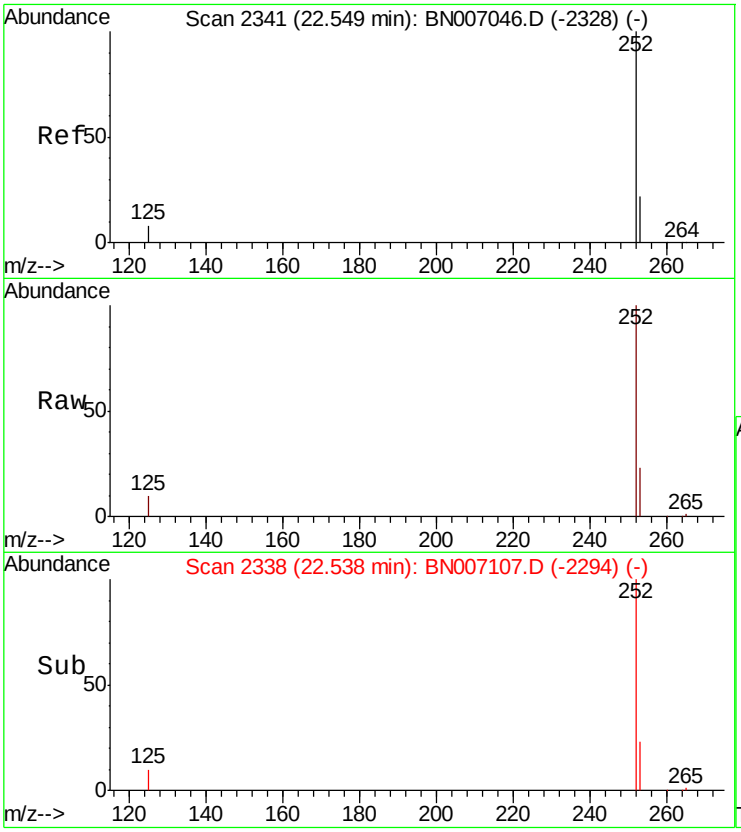


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:264 Resp: 53953

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.8	29.8
265	40.5	26.2	39.4#



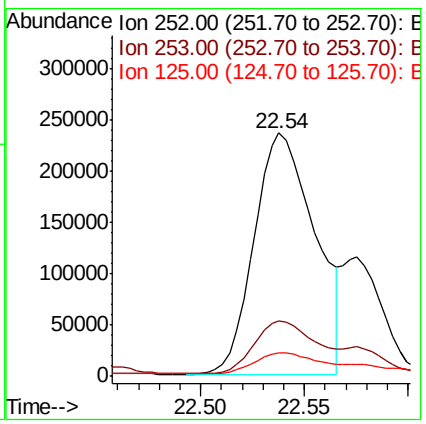


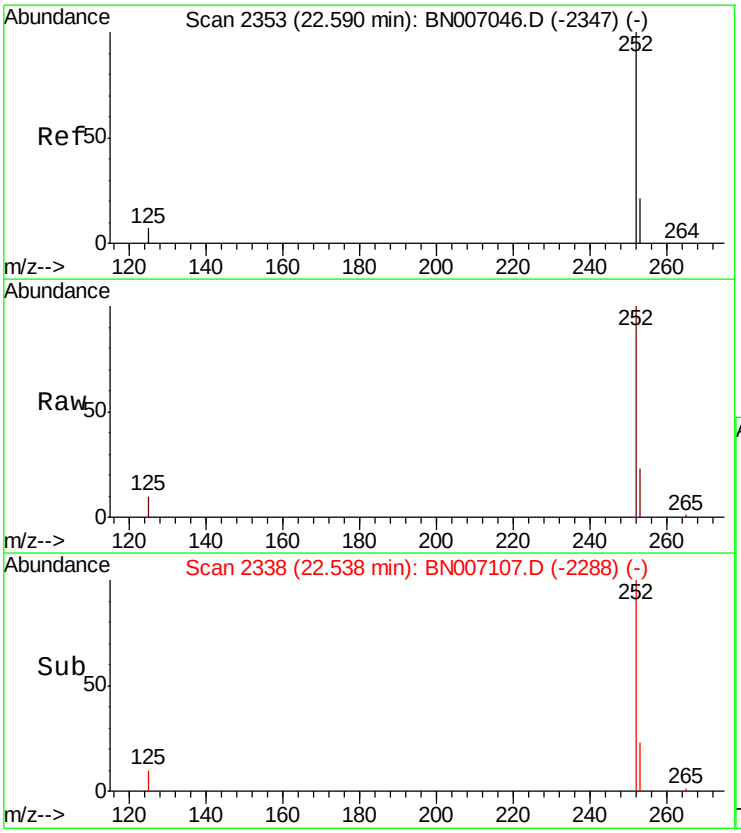
#33
Benzo(b)fluoranthene
Concen: 2.588 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 478876

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.5	7.4	11.0

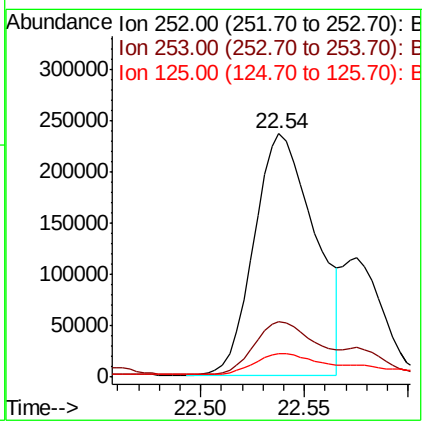


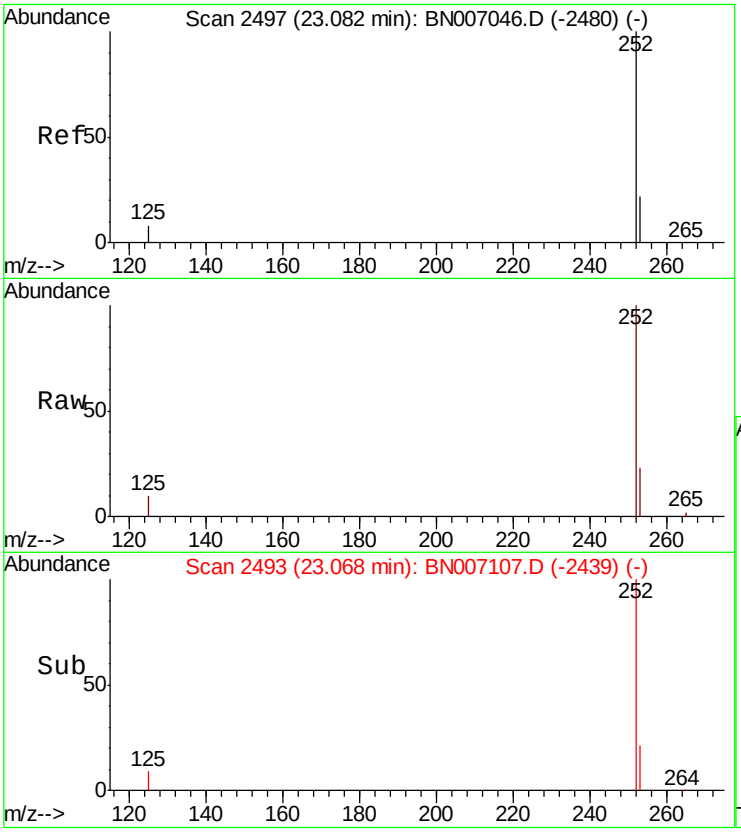


#34
Benzo(k)fluoranthene
Concen: 2.621 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:252 Resp: 478876

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.5	7.4	11.0



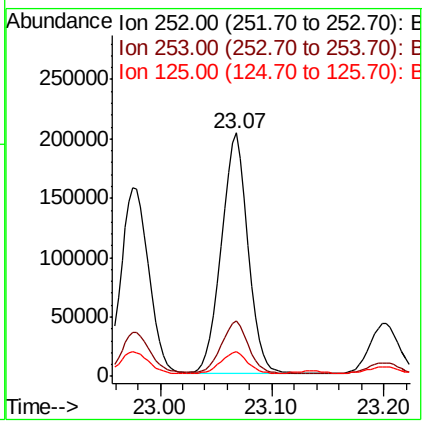


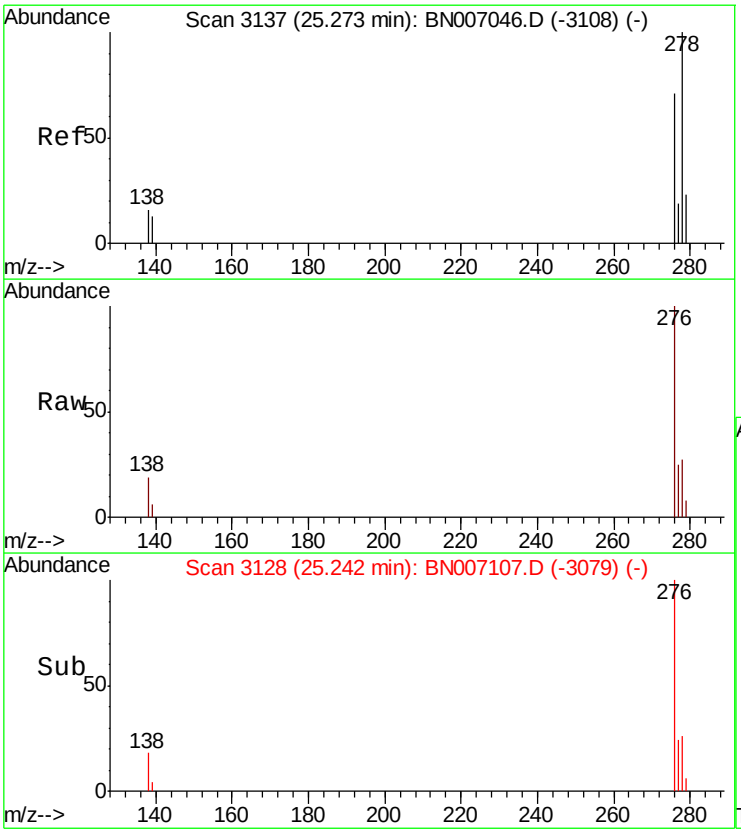
#35
Benzo(a)pyrene
Concen: 1.992 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 334164

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.9	8.2	12.4

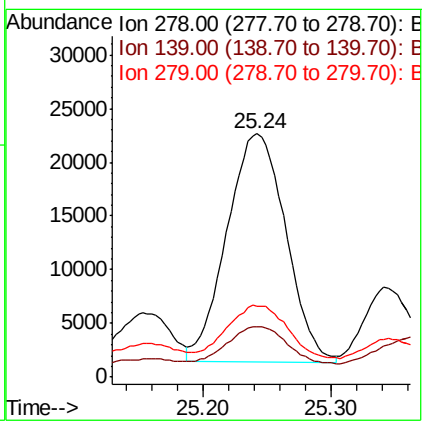


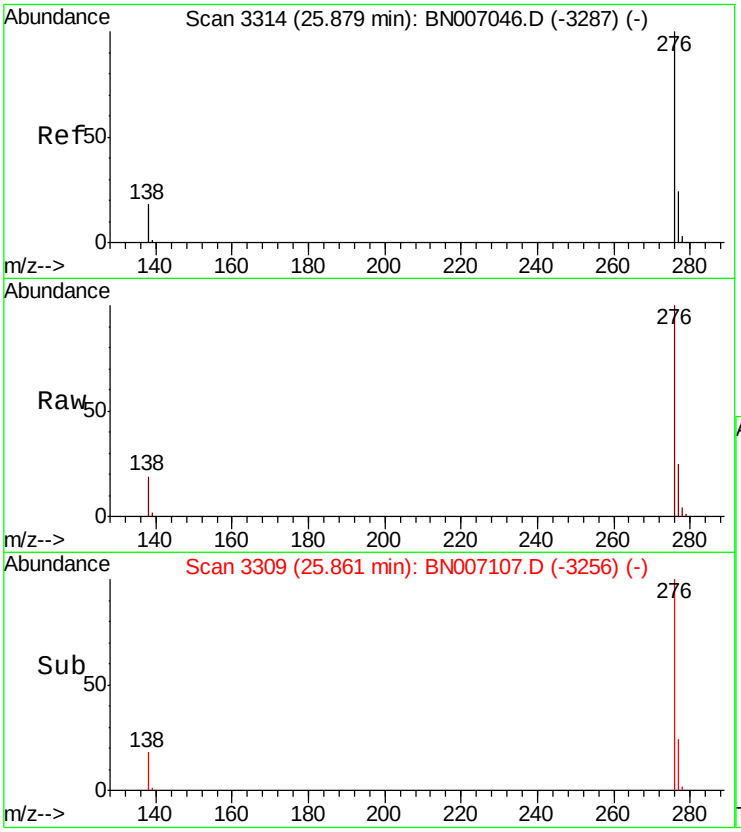


#36
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Tgt Ion:278 Resp: 67894

Ion	Ratio	Lower	Upper
278	100		
139	20.9	11.3	16.9#
279	29.3	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.573 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007107.D
Acq: 12 Aug 2019 20:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 270743

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	19.3	14.6	22.0