Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007134.D
Acq On : 13 Aug 2019 16:31
Operator : HP/JU
Sample : K4173-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 14 03:12:36 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	10038	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	39009	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	23332	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	50696	0.40	ng		0.00
26) Chrysene-d12	21.05	240	50738	0.40	ng		-0.01
32) Perylene-d12	23.16	264	64169	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	3677	0.15	ng		0.00
4) Phenol-d6	6.62	99	5192	0.17	ng		0.00
7) Nitrobenzene-d5	8.56	82	4079	0.13	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	10461	0.14	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	3154	0.25	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3087	0.09	ng		0.00
24) Fluoranthene-d10	18.87	212	39989	0.22	ng		0.00
28) Terphenyl-d14	19.49	244	33396	0.24	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	17507	0.160	ng		99
11) 2-Methylnaphthalene	11.87	142	23365	0.301	ng		97
15) Acenaphthylene	13.79	152	191728	1.572	ng		98
16) Acenaphthene	14.13	154	55350	0.709	ng		93
17) Fluorene	15.14	166	133598	1.143	ng	#	89
22) Phenanthrene	16.87	178	3765025	24.781	ng		99
23) Anthracene	16.96	178	449846	3.241	ng		97
25) Fluoranthene	18.90	202	3196472	16.447	ng		98
27) Pyrene	19.27	202	5589226	31.412	ng	#	94
29) Benzo(a)anthracene	21.03	228	2361934	12.729	ng		94
30) Chrysene	21.09	228	2543782	14.110	ng		97
31) Indeno(1,2,3-cd)pyrene	25.24	276	952832	4.795	ng		99
33) Benzo(b)fluoranthene	22.54	252	1975020	8.976	ng		99
34) Benzo(k)fluoranthene	22.54	252	1975020	9.088	ng		99
35) Benzo(a)pyrene	23.07	252	1780985	8.928	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	315531	1.585	ng	#	91
37) Benzo(g,h,i)perylene	25.88	276	1206263	5.892	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
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Acq On : 13 Aug 2019 16:31
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Quant Time: Aug 14 03:12:36 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
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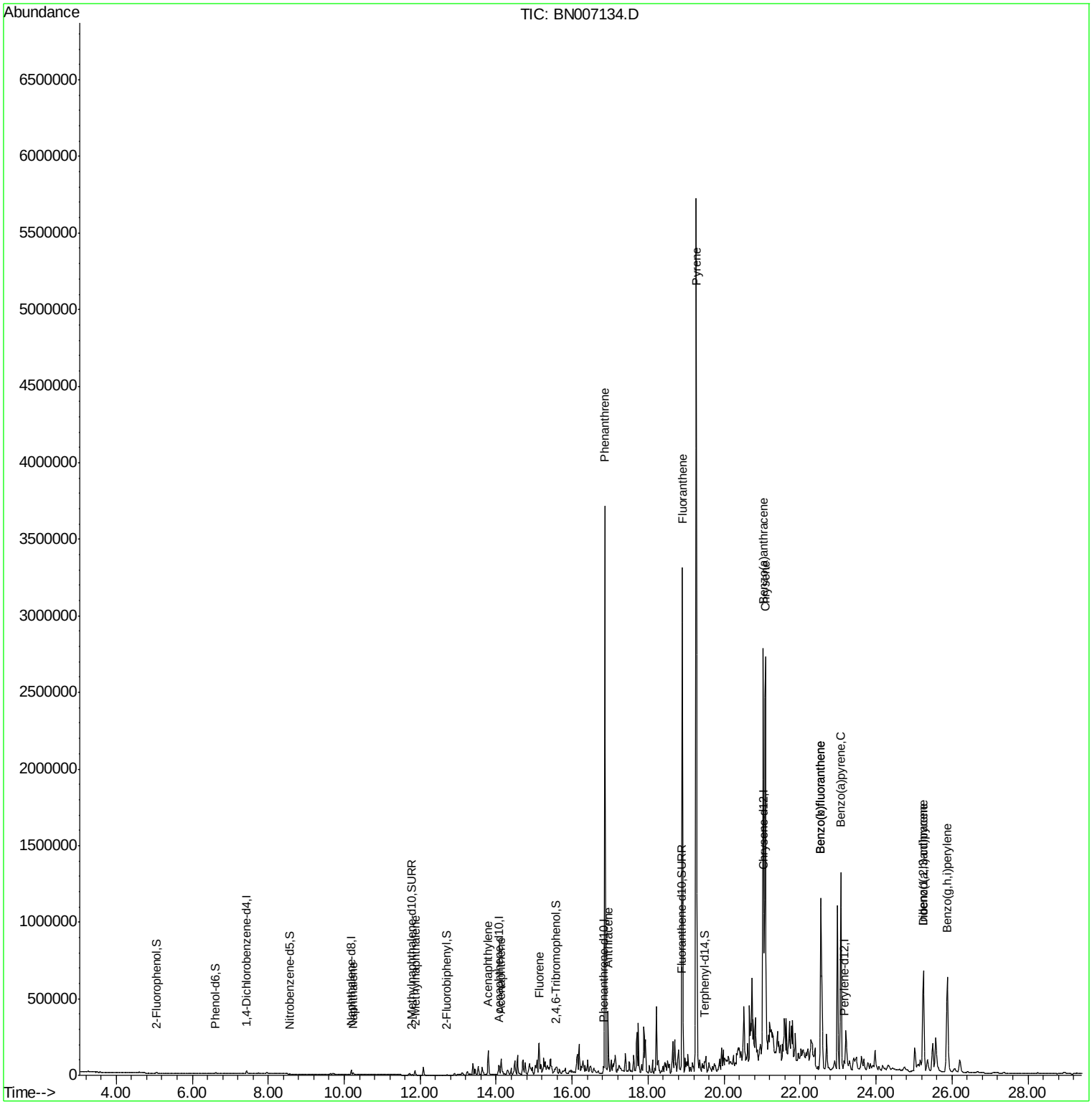
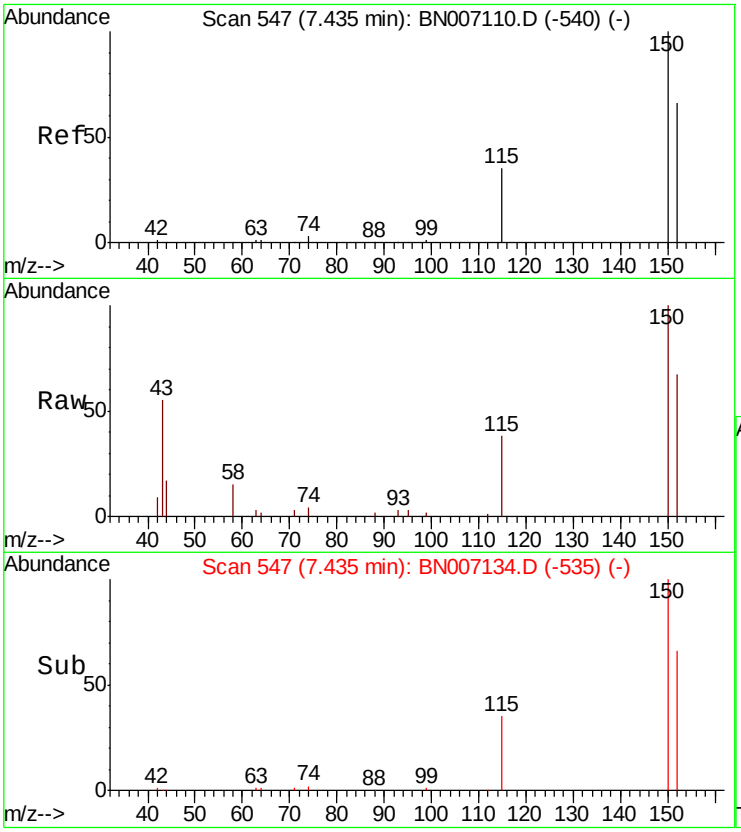


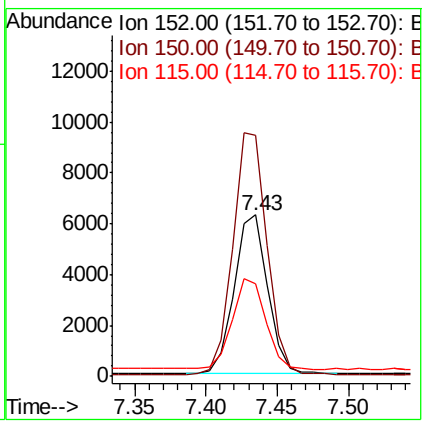


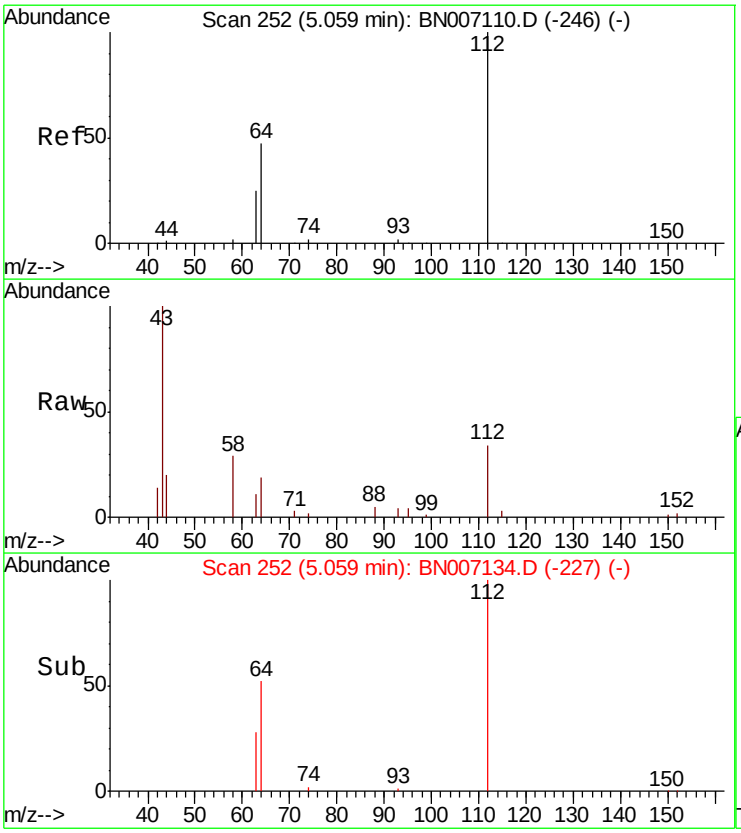
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10038

Ion	Ratio	Lower	Upper
152	100		
150	149.0	121.7	182.5
115	57.1	46.2	69.4

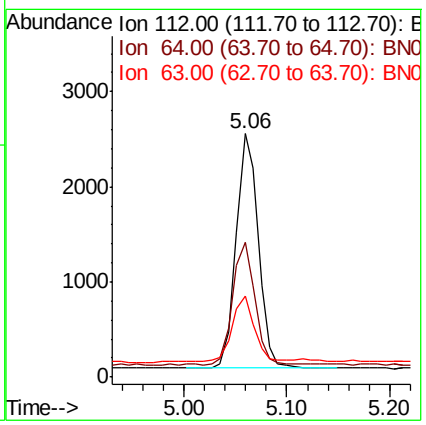


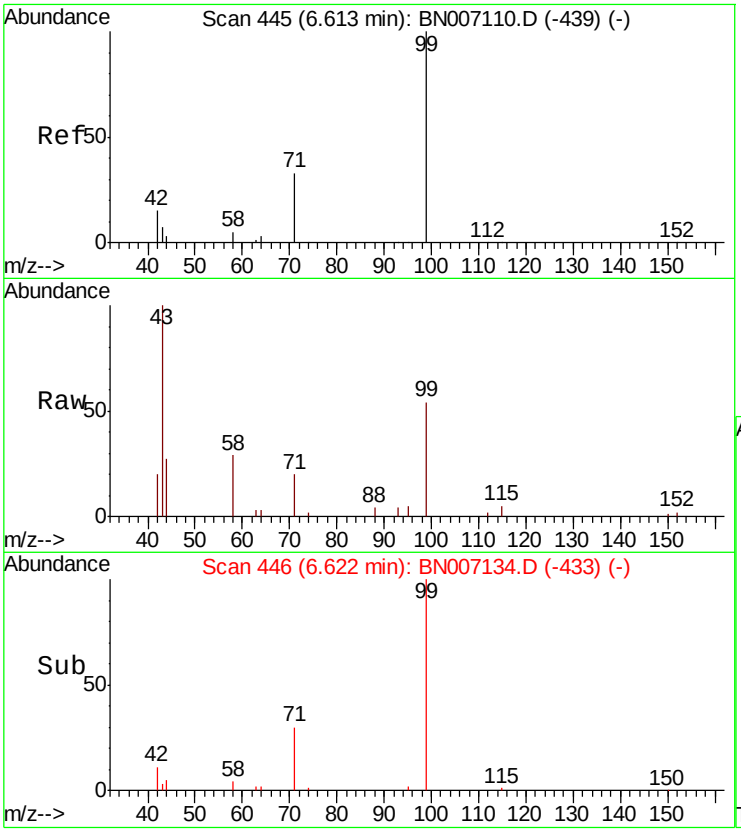


#3
2-Fluorophenol
Concen: 0.152 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:112 Resp: 3677

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	30.0	22.2	33.2



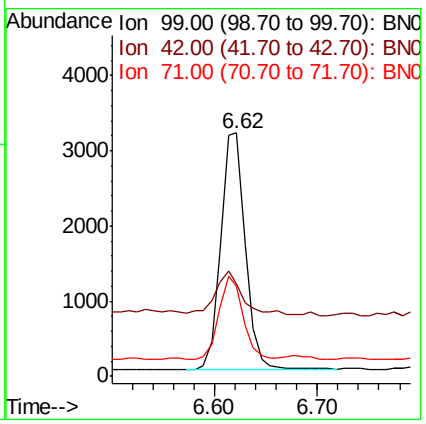


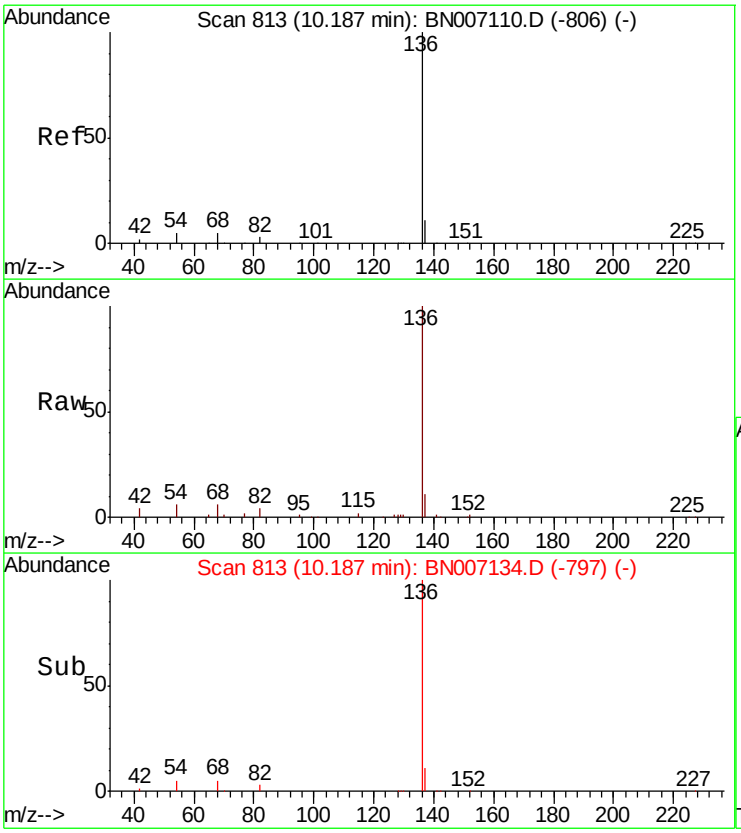
#4
Phenol-d6
Concen: 0.174 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5192

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	33.9	27.0	40.4

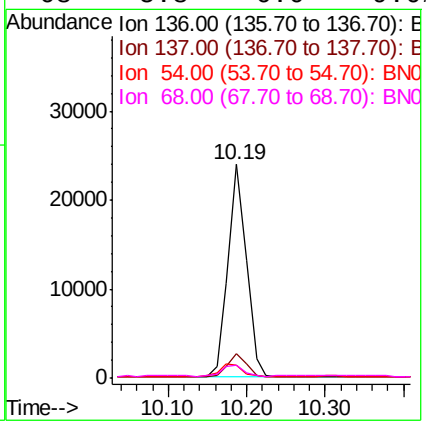


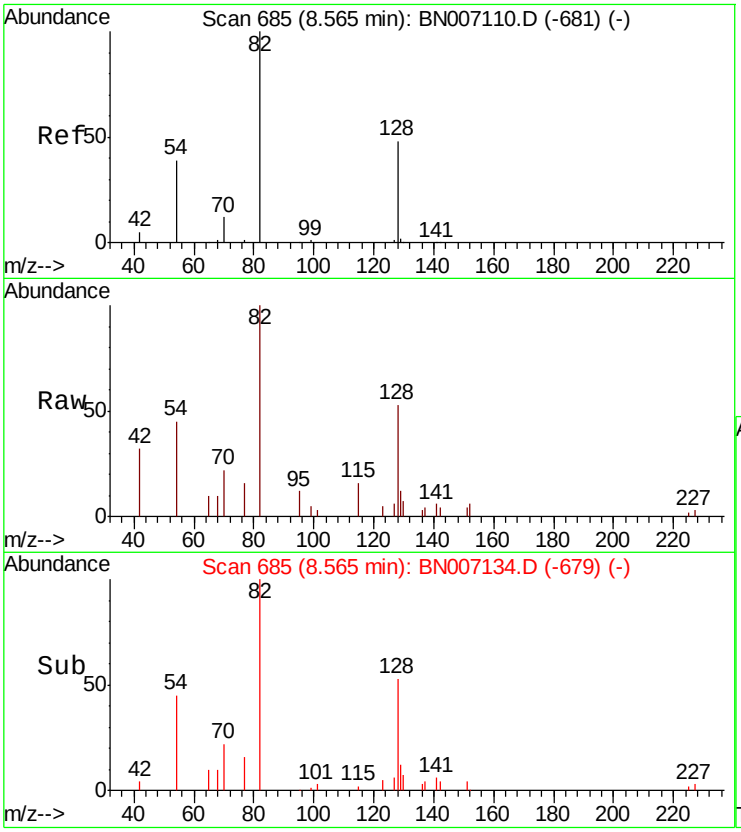


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:136 Resp: 39009

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	6.1	6.6	9.8#
68	5.8	6.0	9.0#



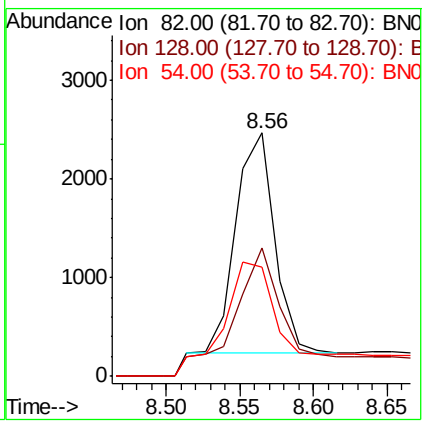


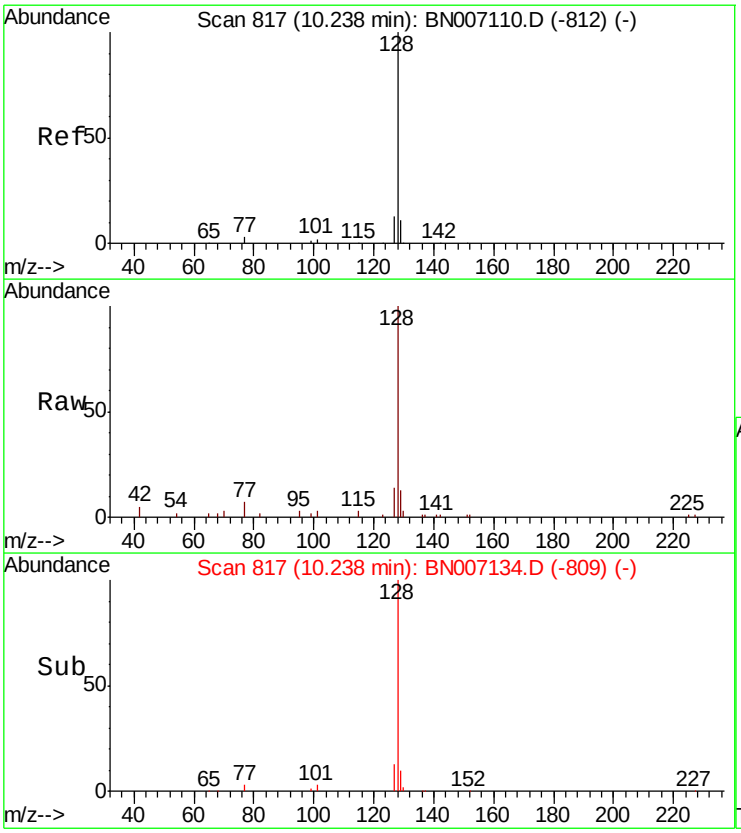
#7
Nitrobenzene-d5
Concen: 0.130 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4079

Ion	Ratio	Lower	Upper
82	100		
128	52.8	34.6	51.8#
54	45.0	36.2	54.4

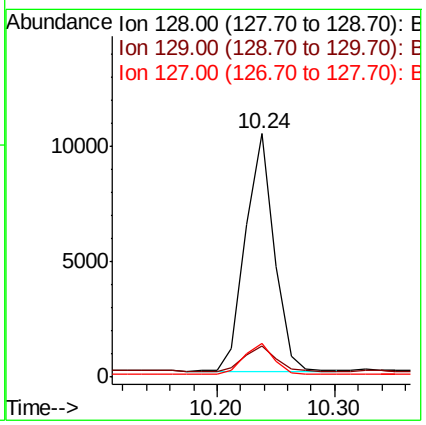


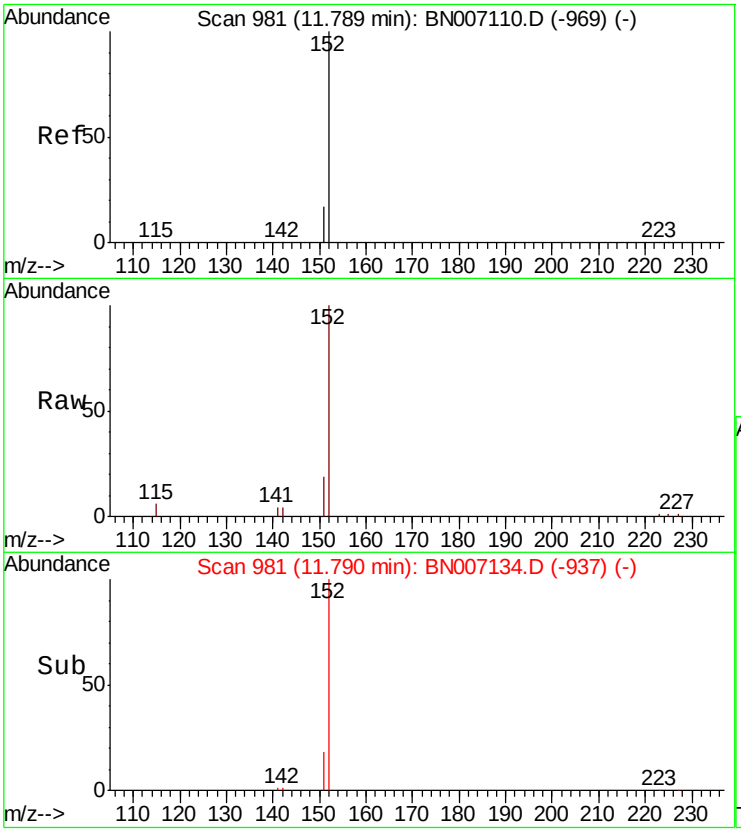


#8
Naphthalene
Concen: 0.160 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:128 Resp: 17507

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.2
127	13.9	11.0	16.6



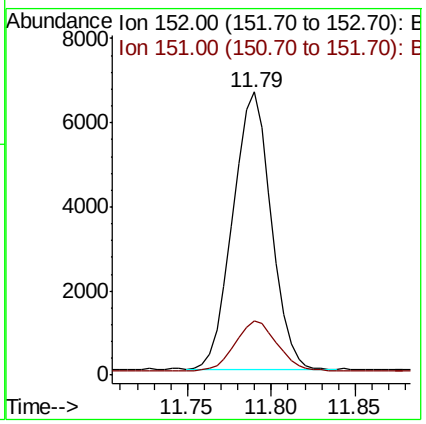


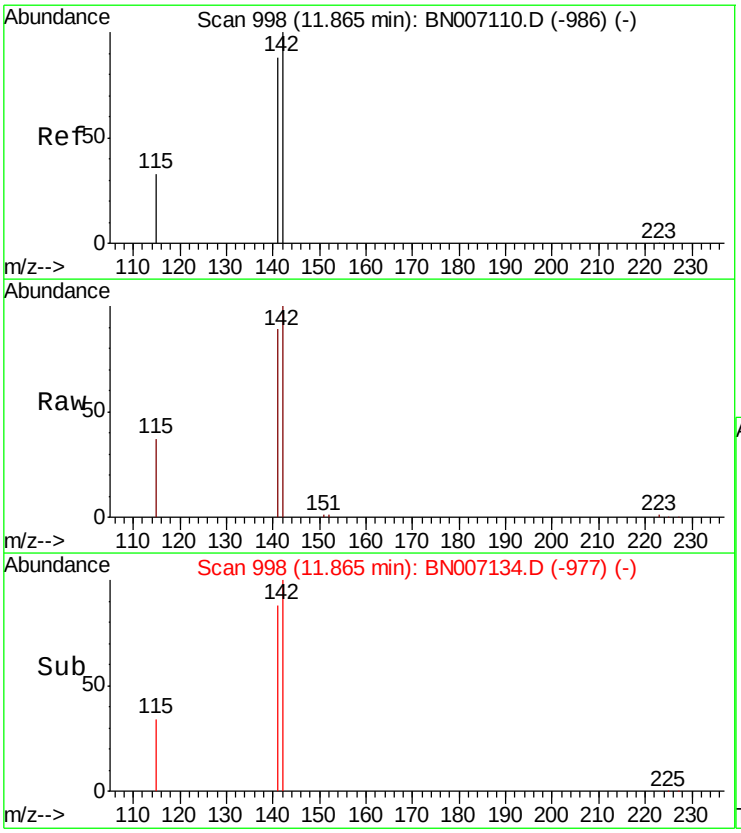
#10
2-Methylnaphthalene-d10
Concen: 0.144 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10461

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

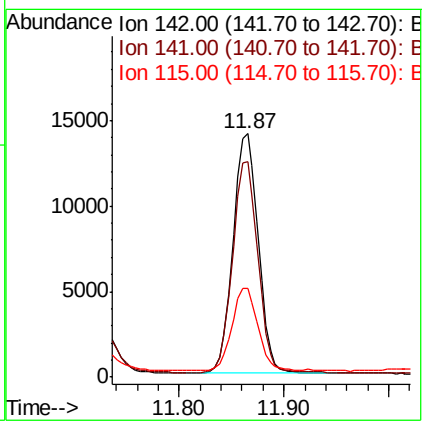


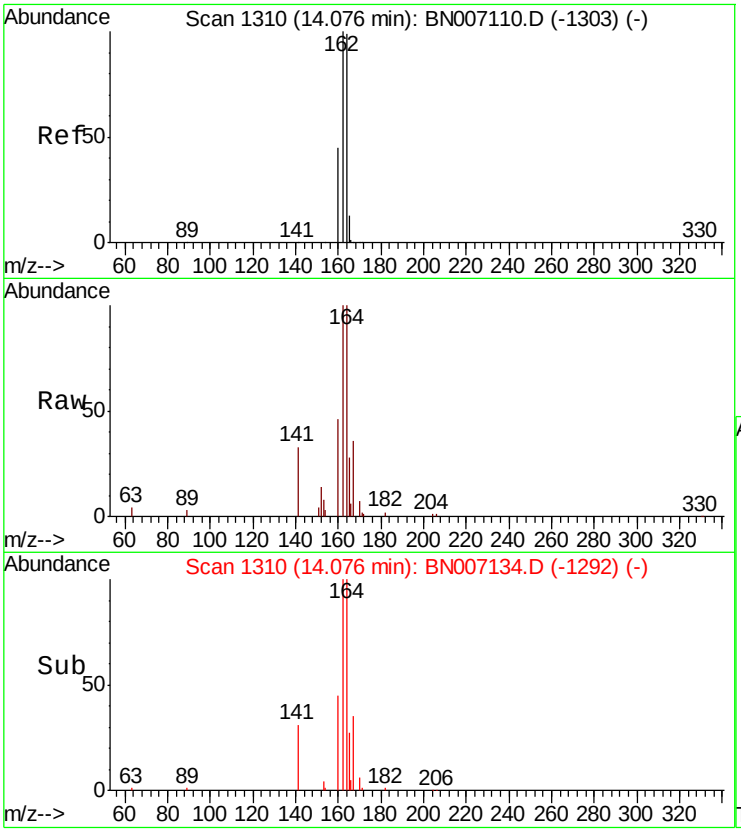


#11
2-Methylnaphthalene
Concen: 0.301 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:142 Resp: 23365

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.0	103.6
115	36.6	27.1	40.7



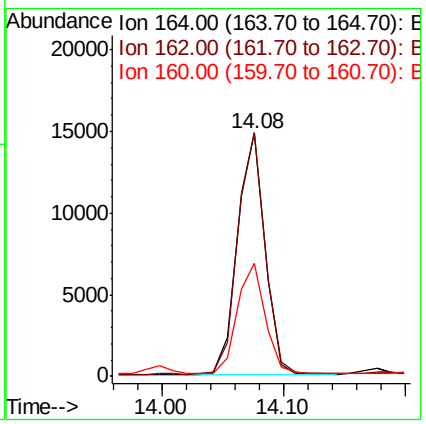


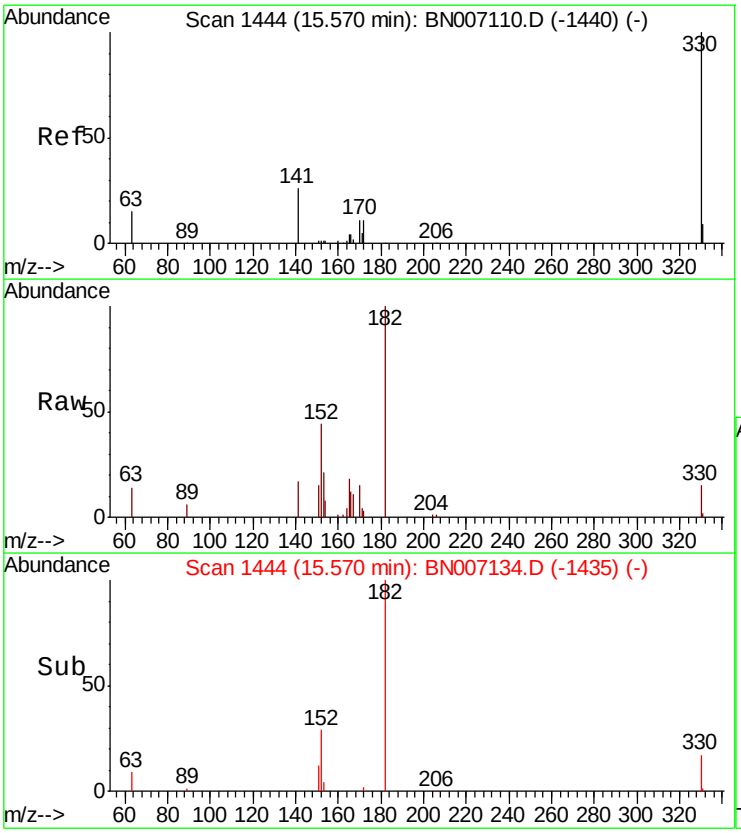
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 23332

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.2	123.4
160	46.5	38.3	57.5

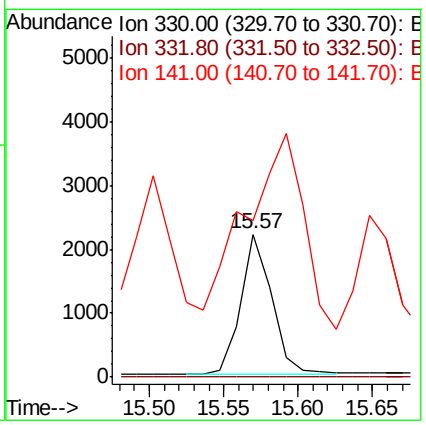


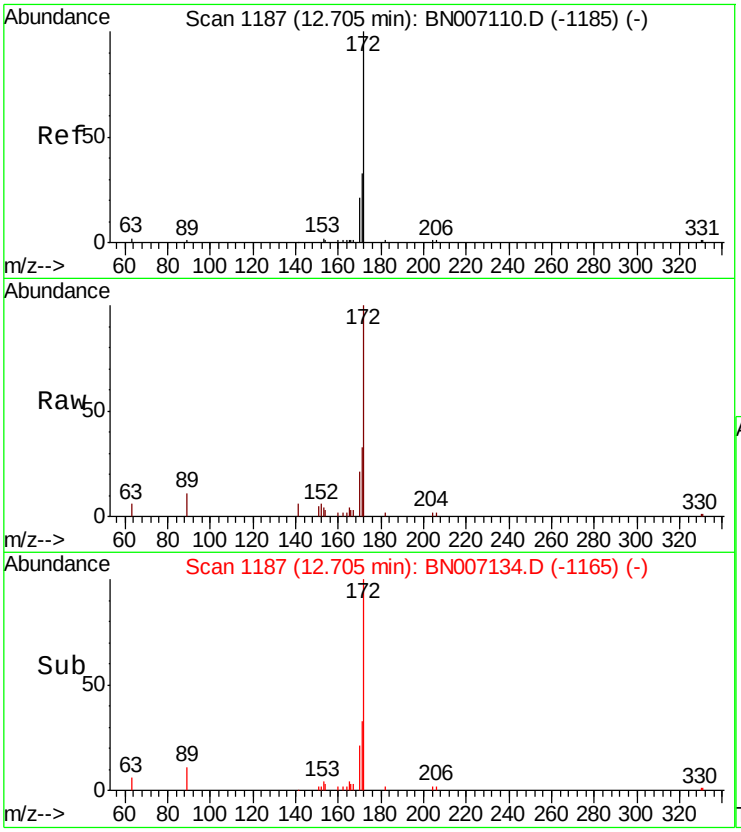


#13
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:330 Resp: 3154

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



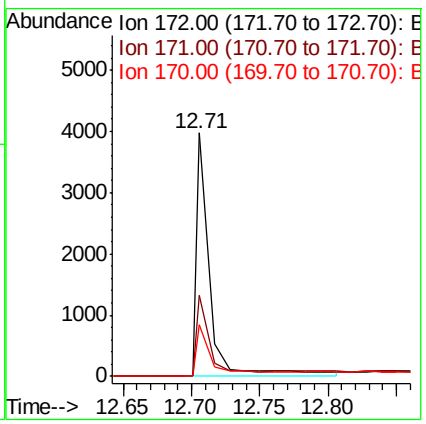


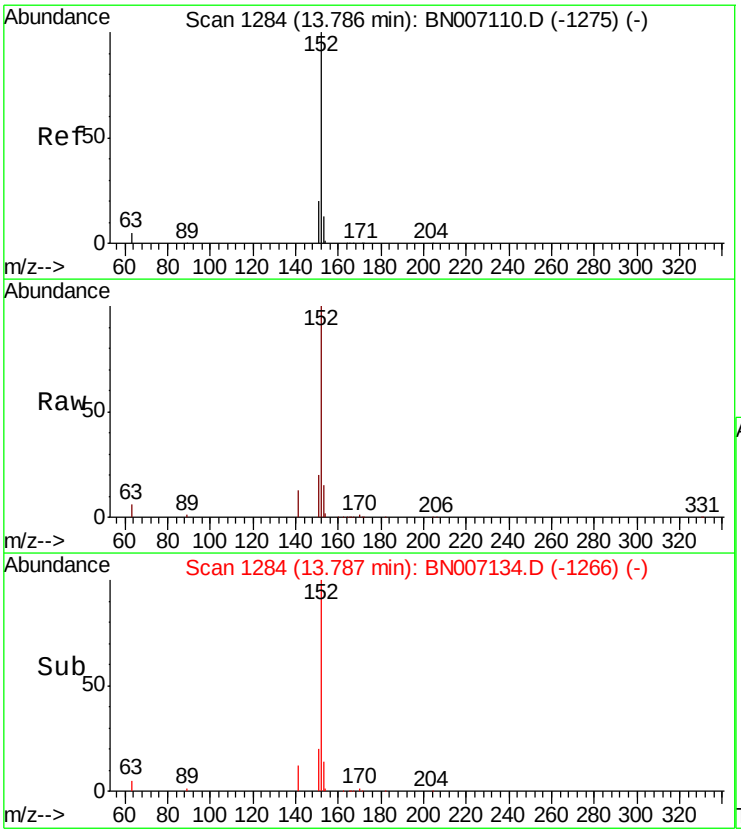
#14
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3087

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.3	39.5
170	21.2	17.0	25.4

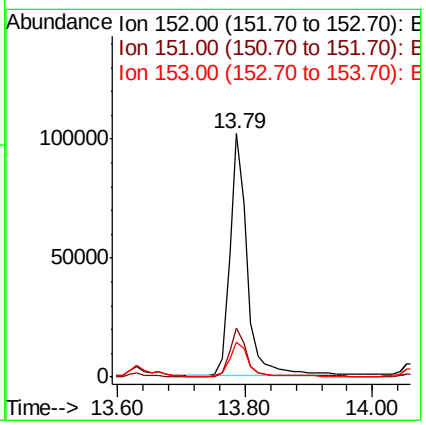


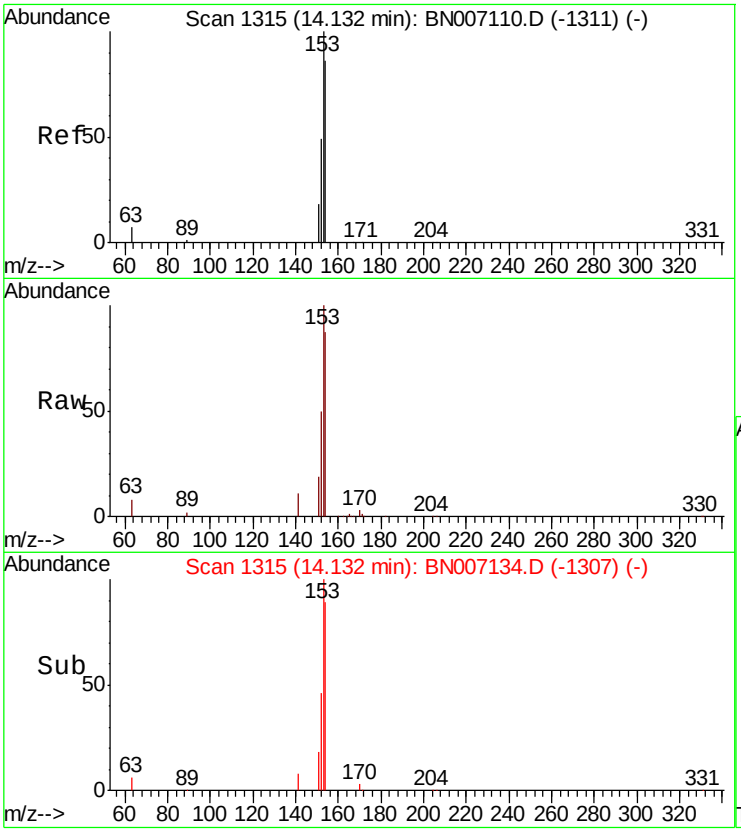


#15
Acenaphthylene
Concen: 1.572 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:152 Resp: 191728

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	15.0	10.4	15.6



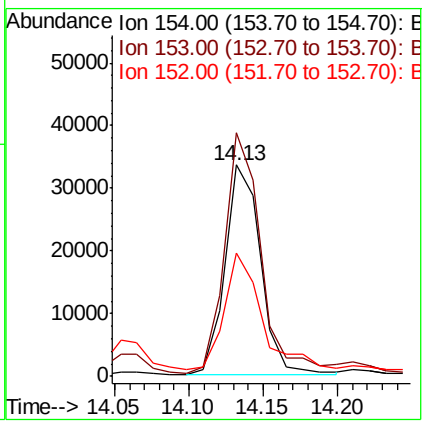


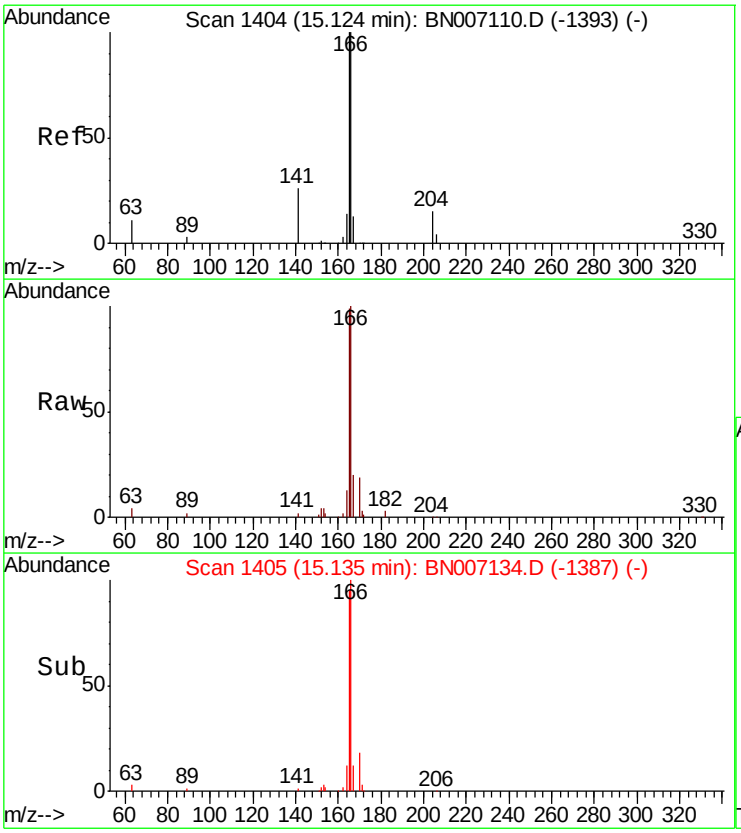
#16
Acenaphthene
Concen: 0.709 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 55350

Ion	Ratio	Lower	Upper
154	100		
153	121.7	89.5	134.3
152	57.2	44.8	67.2

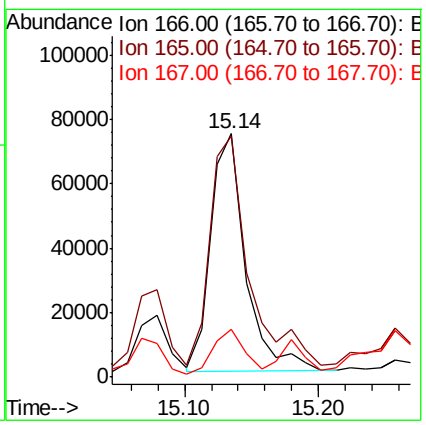


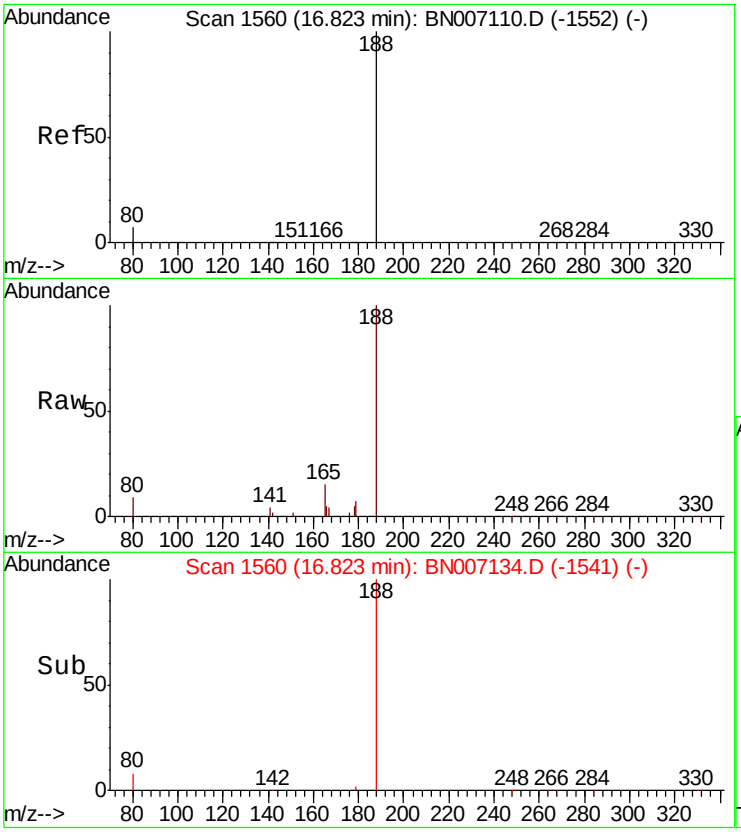


#17
Fluorene
Concen: 1.143 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:166 Resp: 133598

Ion	Ratio	Lower	Upper
166	100		
165	107.9	77.9	116.9
167	17.5	10.9	16.3#



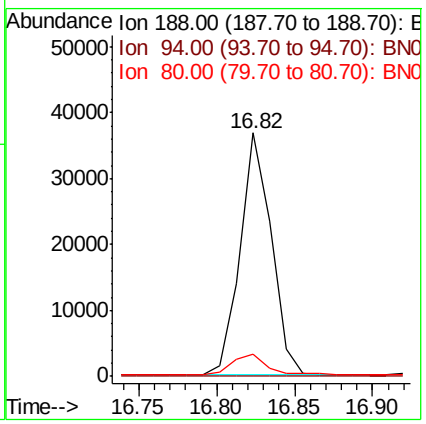


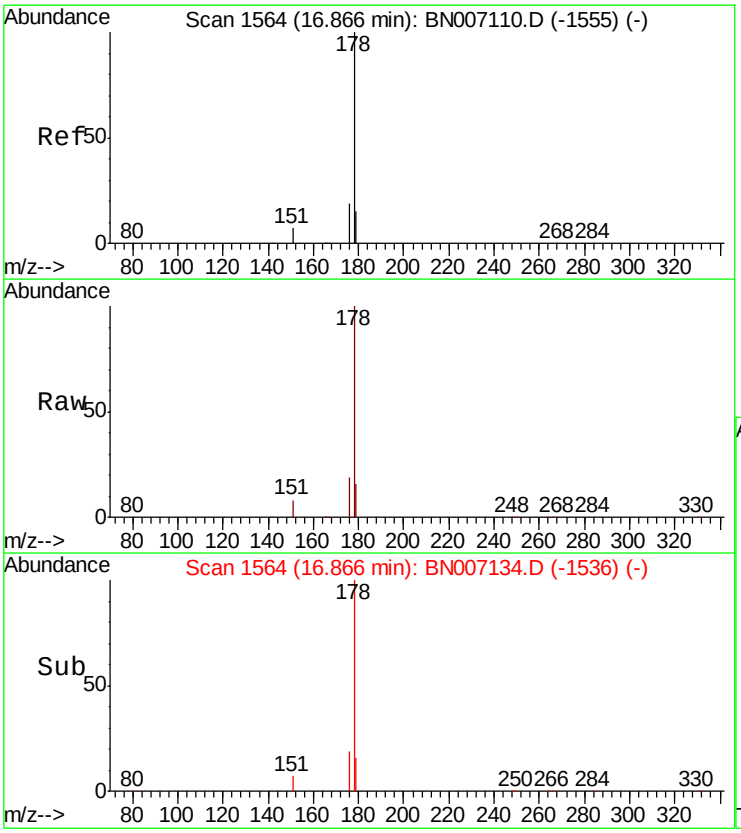
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 50696

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.8	11.6

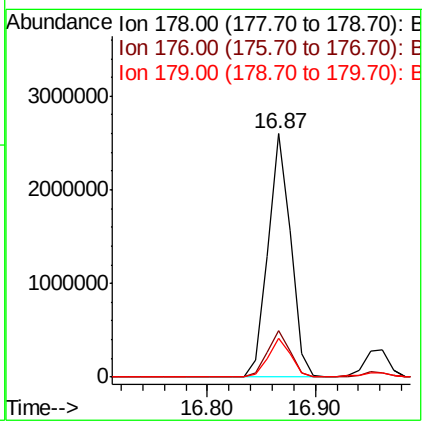


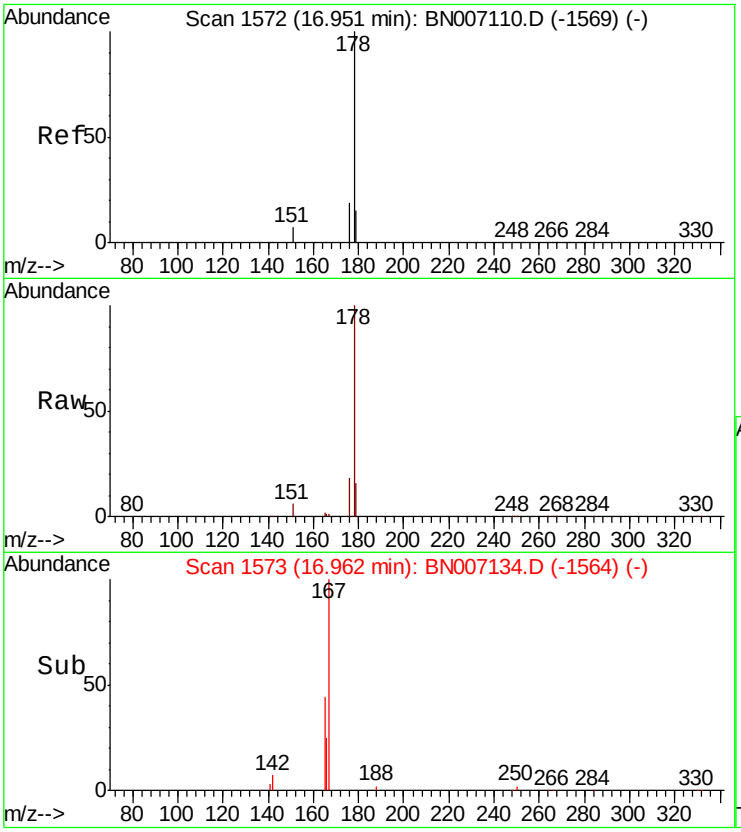


#22
Phenanthrene
Concen: 24.781 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:178 Resp: 3765025

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	16.0	12.3	18.5



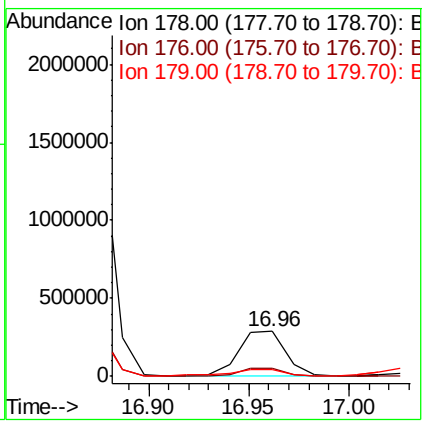


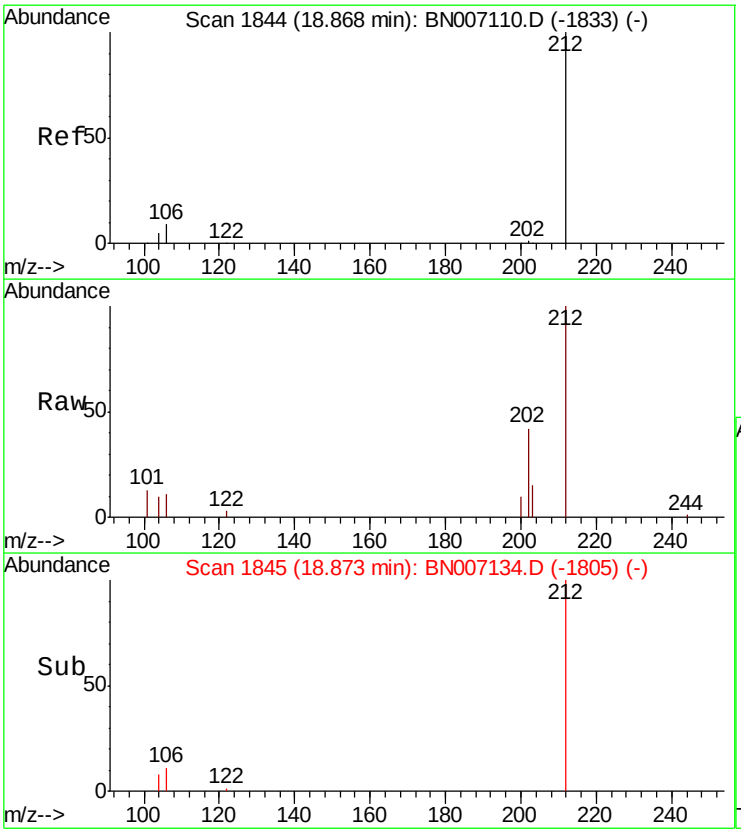
#23
Anthracene
Concen: 3.241 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 449846

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	17.9	12.5	18.7

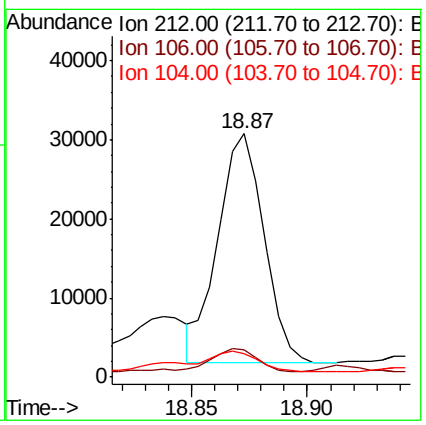


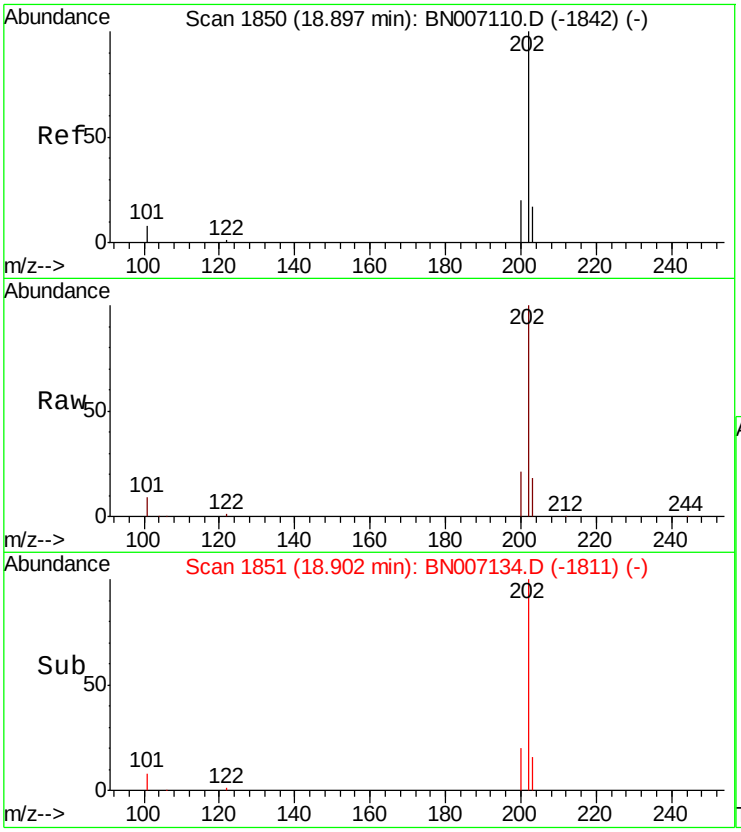


#24
Fluoranthene-d10
Concen: 0.222 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:212 Resp: 39989

Ion	Ratio	Lower	Upper
212	100		
106	11.5	8.2	12.2
104	9.7	4.5	6.7#



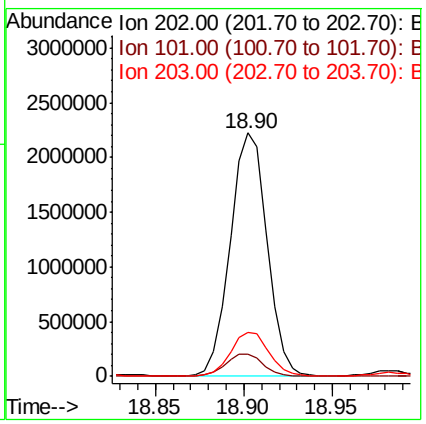


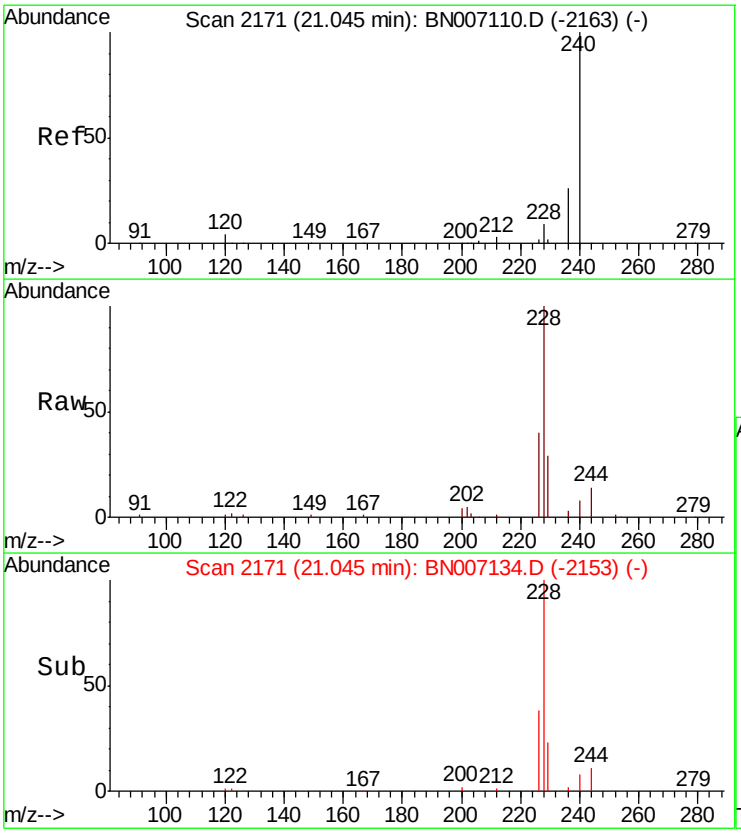
#25
Fluoranthene
Concen: 16.447 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3196472

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.4
203	18.5	13.8	20.8

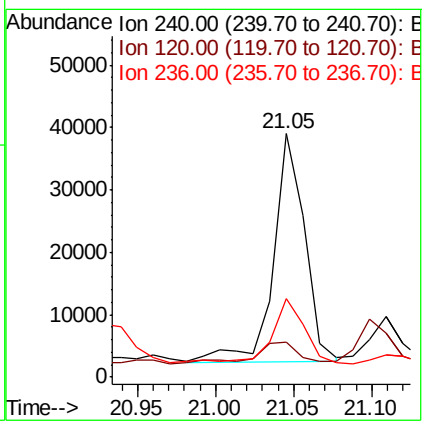


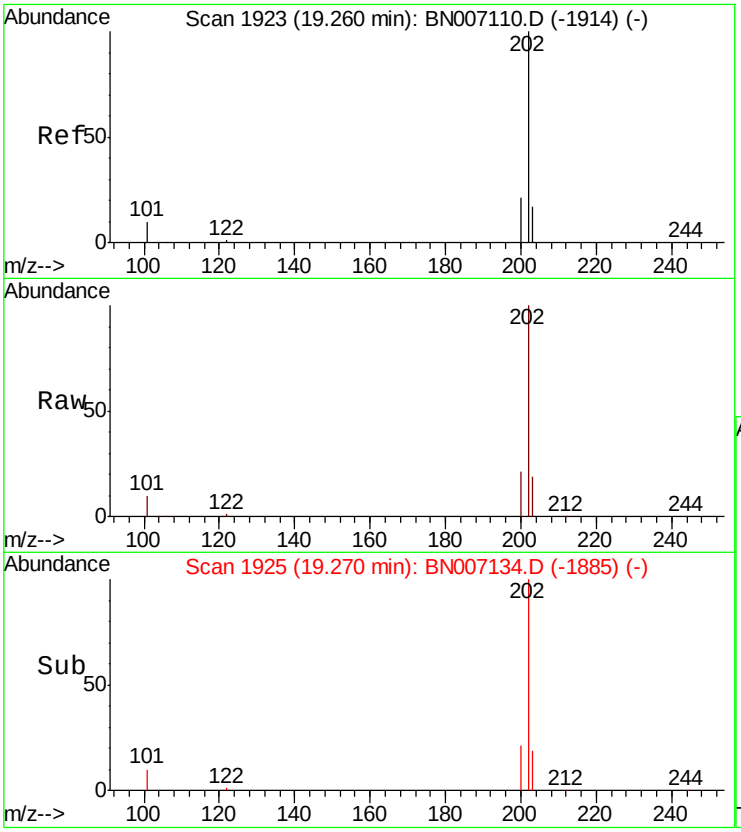


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:240 Resp: 50738

Ion	Ratio	Lower	Upper
240	100		
120	14.4	4.0	6.0#
236	32.4	21.3	31.9#



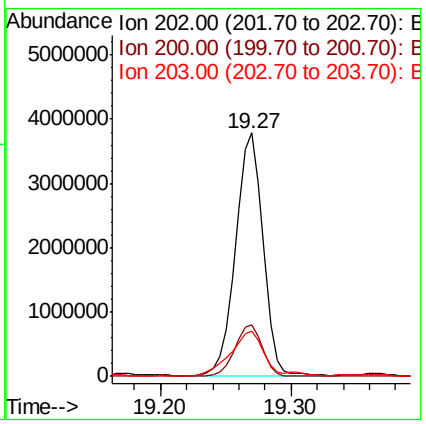


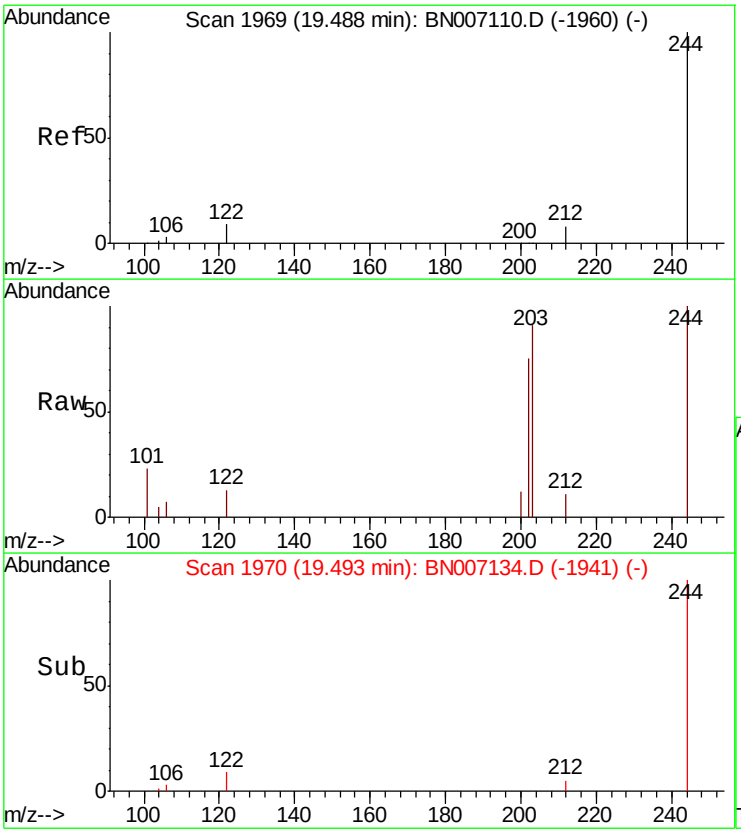
#27
Pyrene
Concen: 31.412 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5589226

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	22.9	14.0	21.0#

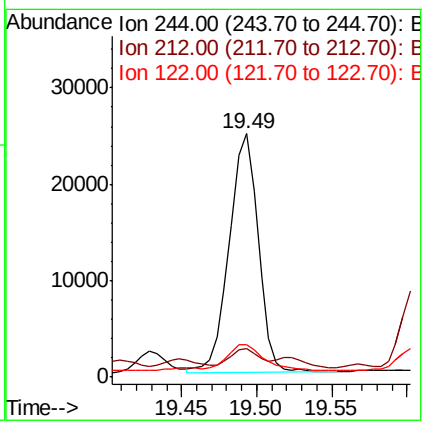


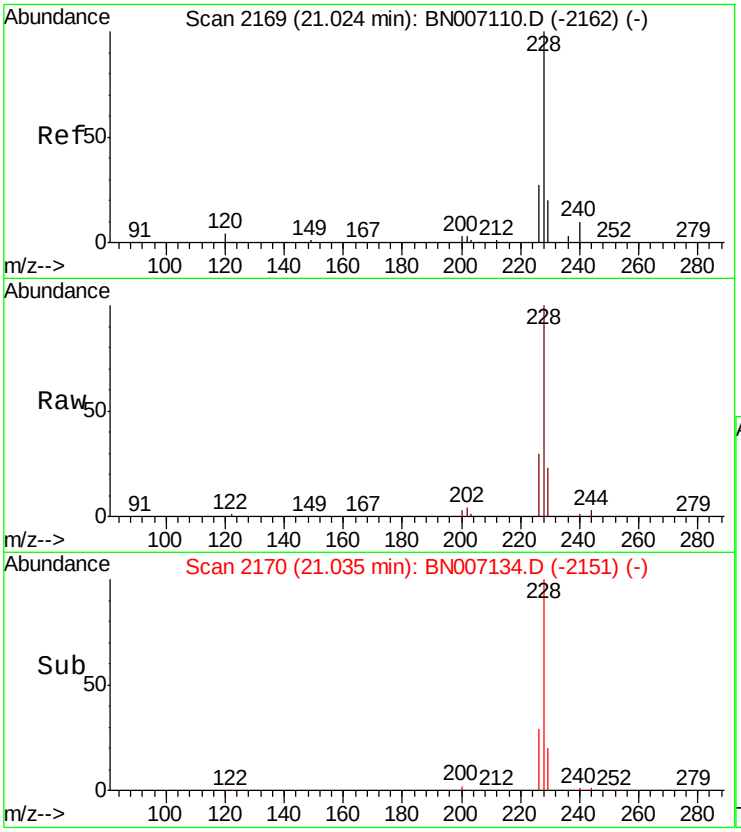


#28
Terphenyl-d14
Concen: 0.242 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:244 Resp: 33396

Ion	Ratio	Lower	Upper
244	100		
212	11.5	6.2	9.2#
122	13.4	7.4	11.2#



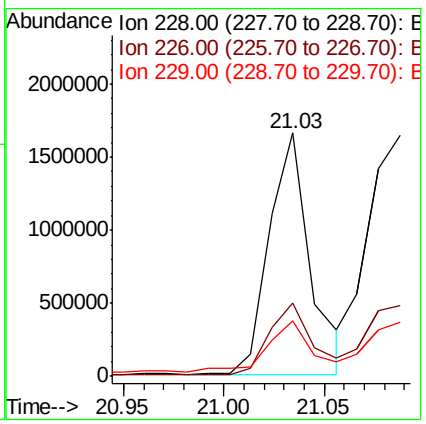


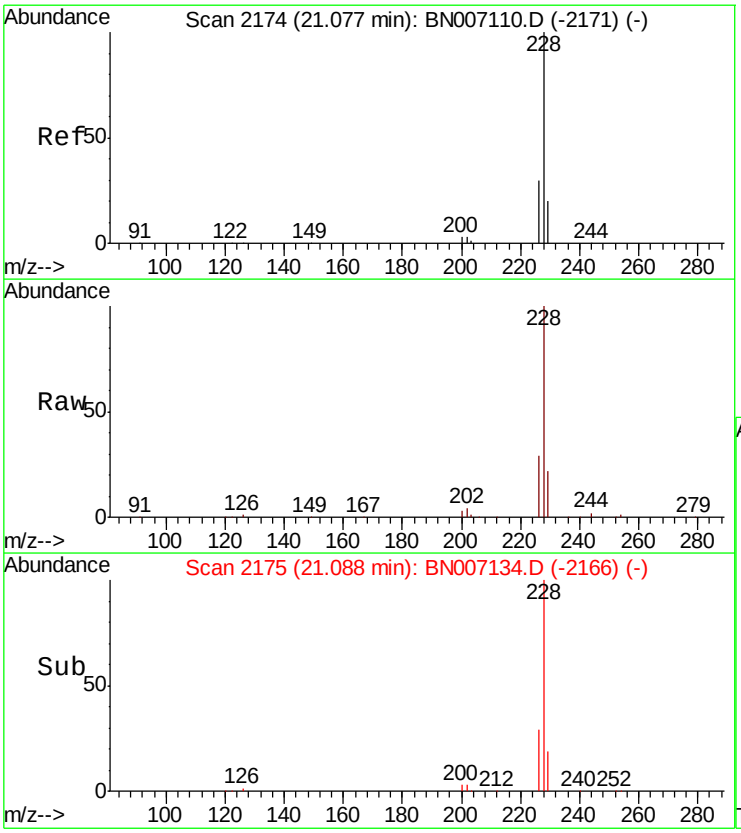
#29
Benzo(a)anthracene
Concen: 12.729 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2361934

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.8	32.6
229	22.7	15.6	23.4

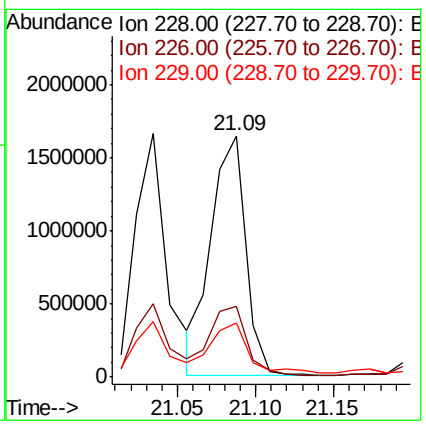


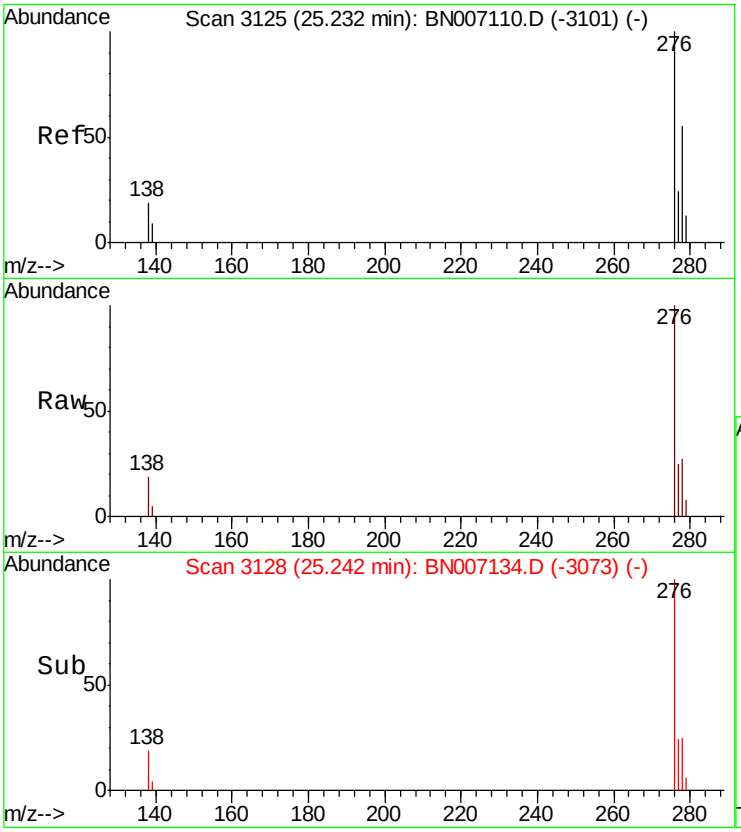


#30
Chrysene
Concen: 14.110 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:228 Resp: 2543782

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	22.3	15.7	23.5



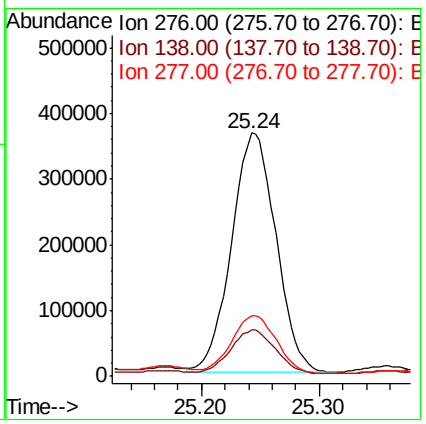


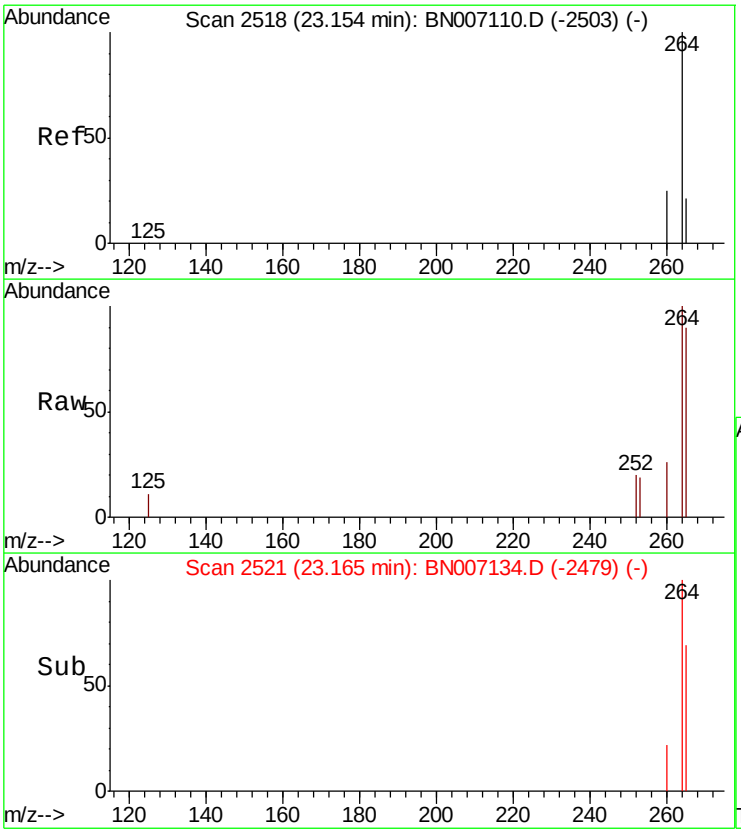
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.795 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 952832

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.0	24.0
277	25.0	19.9	29.9

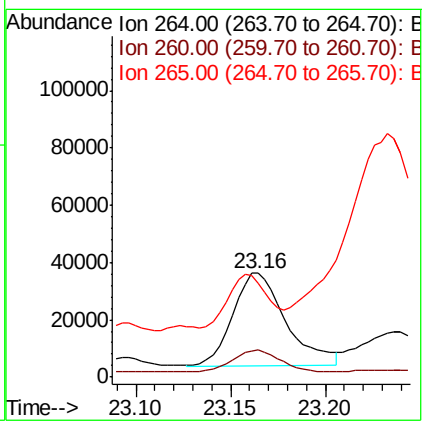


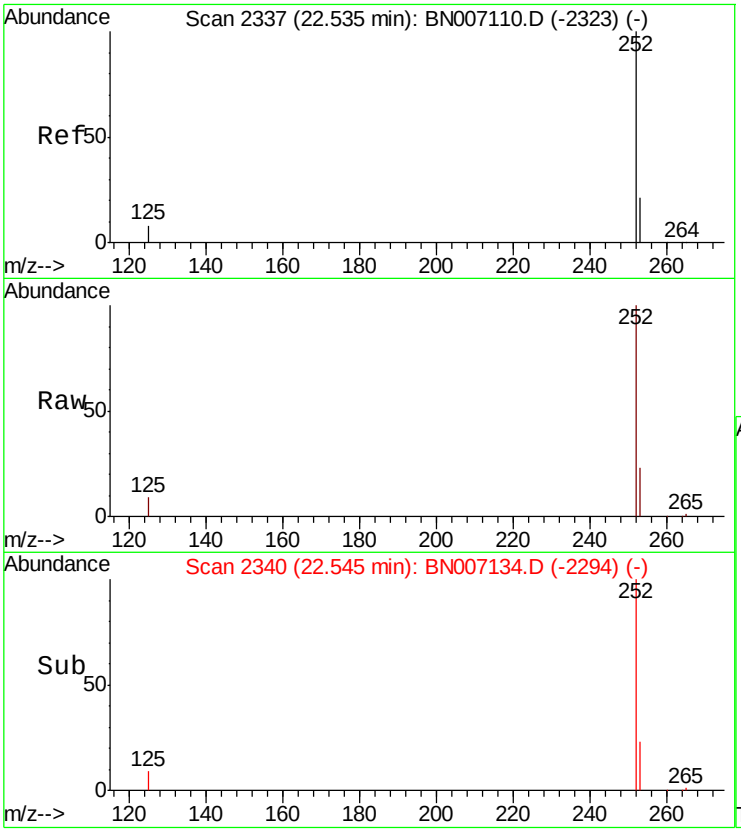


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:264 Resp: 64169

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.8	29.8
265	90.3	26.2	39.4#



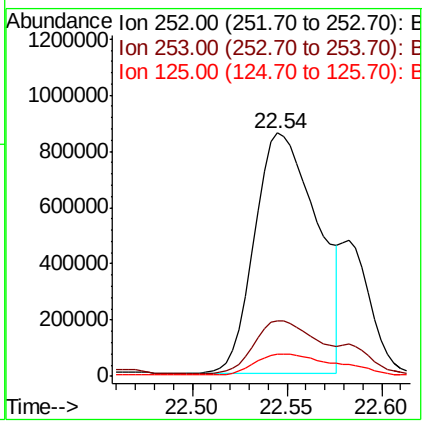


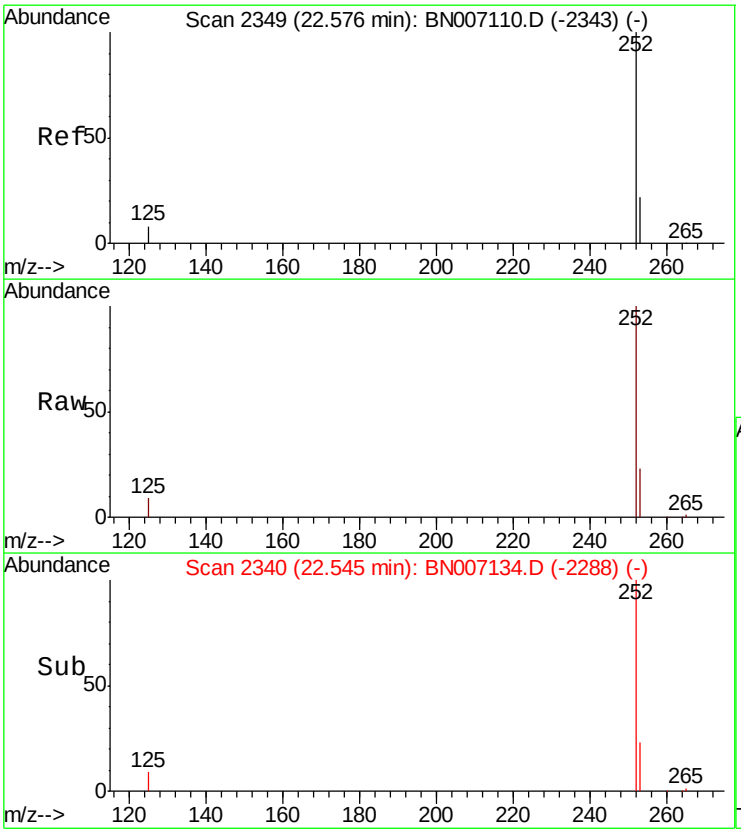
#33
Benzo(b)fluoranthene
Concen: 8.976 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1975020

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.1	7.4	11.0

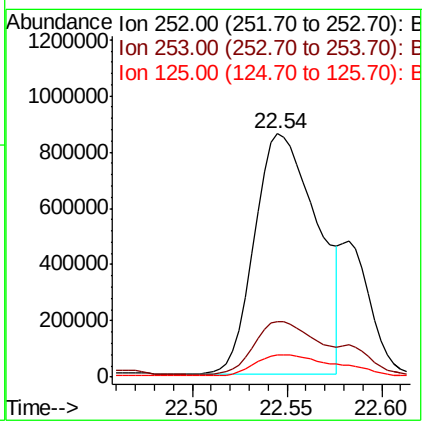


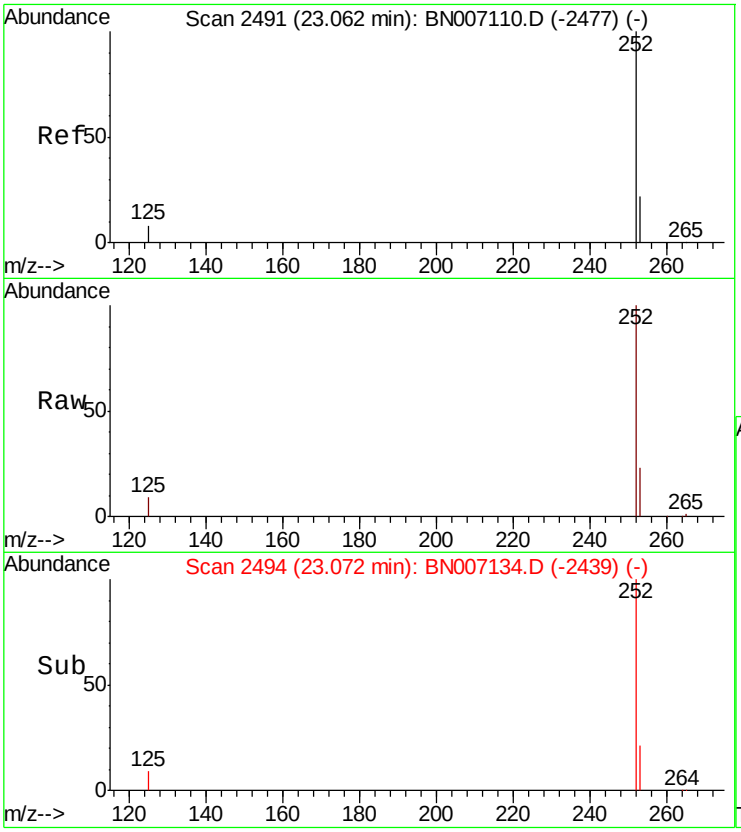


#34
Benzo(k)fluoranthene
Concen: 9.088 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.04 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:252 Resp: 1975020

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.1	7.4	11.0



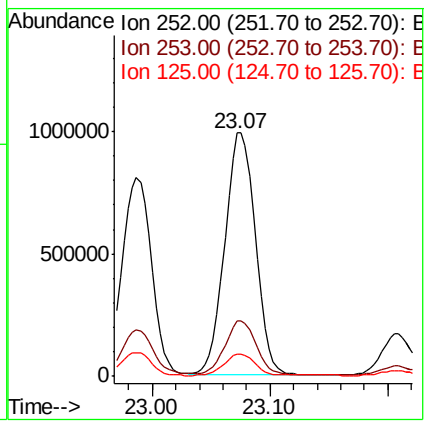


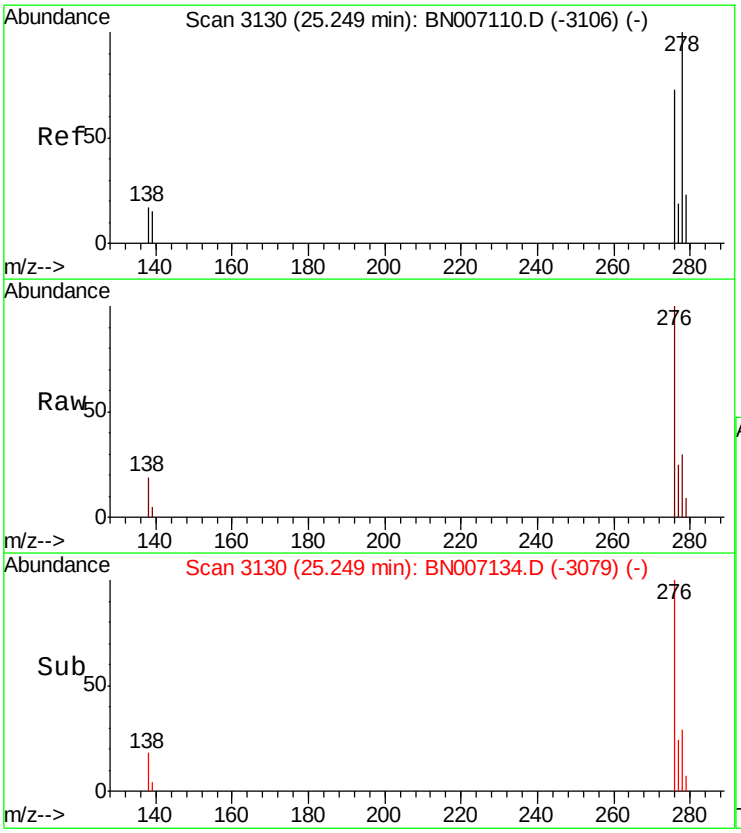
#35
Benzo(a)pyrene
Concen: 8.928 ng
RT: 23.07 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1780985

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.3	8.2	12.4

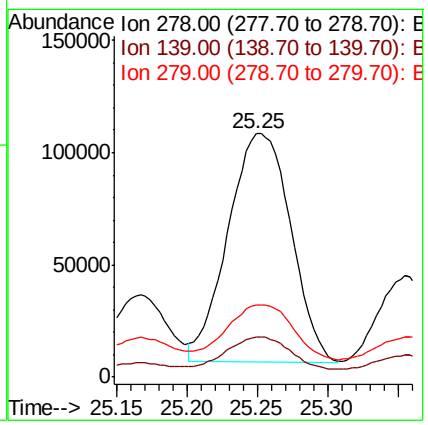


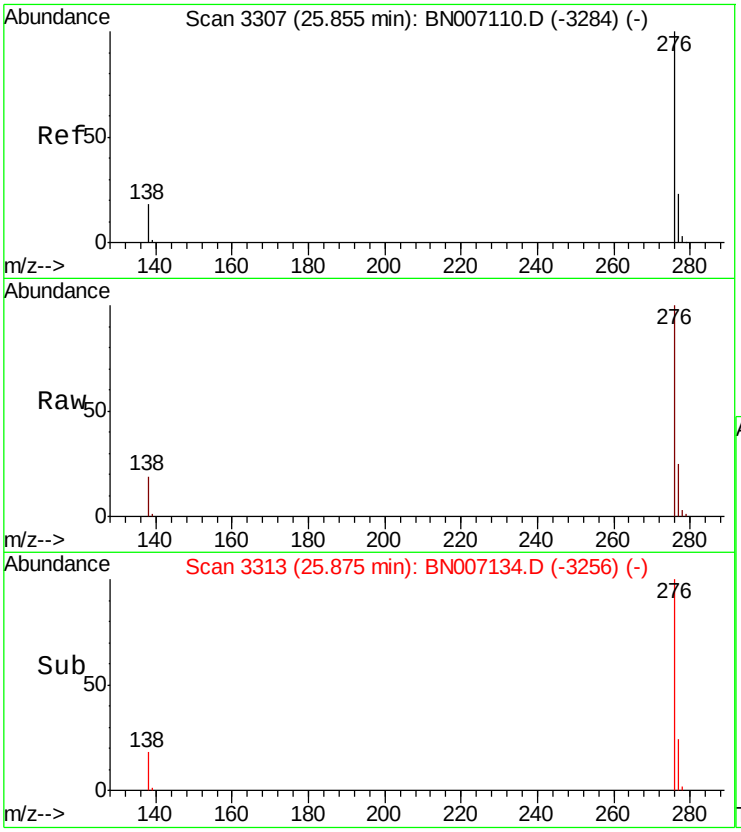


#36
Dibenzo(a,h)anthracene
Concen: 1.585 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Tgt Ion:278 Resp: 315531

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.3	16.9
279	29.4	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 5.892 ng
RT: 25.88 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BN007134.D
Acq: 13 Aug 2019 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1206263

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	18.7	14.6	22.0