Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007154.D
Acq On : 14 Aug 2019 05:45
Operator : HP/JU
Sample : K4173-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 14 09:06:55 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	9423	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	36996	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21585	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	47765	0.40	ng		0.00
26) Chrysene-d12	21.05	240	46442	0.40	ng		-0.01
32) Perylene-d12	23.16	264	56563	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6425	0.28	ng		0.00
4) Phenol-d6	6.62	99	8533	0.30	ng		0.00
7) Nitrobenzene-d5	8.56	82	6903	0.23	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	15072	0.22	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2511	0.22	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3627	0.12	ng		0.00
24) Fluoranthene-d10	18.87	212	39425	0.23	ng		0.00
28) Terphenyl-d14	19.49	244	28508	0.23	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	32422	0.313	ng		99
11) 2-Methylnaphthalene	11.87	142	37271	0.507	ng		98
15) Acenaphthylene	13.79	152	331112	2.935	ng		99
16) Acenaphthene	14.13	154	45676	0.632	ng		94
17) Fluorene	15.13	166	114569	1.060	ng		88
22) Phenanthrene	16.87	178	1915265	13.380	ng		100
23) Anthracene	16.95	178	379290	2.900	ng		99
25) Fluoranthene	18.90	202	2010067	10.977	ng		98
27) Pyrene	19.26	202	2850922	17.505	ng		96
29) Benzo(a)anthracene	21.02	228	1164617	6.857	ng		93
30) Chrysene	21.08	228	1454851	8.817	ng		96
31) Indeno(1,2,3-cd)pyrene	25.24	276	657596	3.616	ng		99
33) Benzo(b)fluoranthene	22.54	252	1320233	6.807	ng		99
34) Benzo(k)fluoranthene	22.54	252	1320233	6.892	ng		99
35) Benzo(a)pyrene	23.07	252	1052756	5.987	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	191653	1.092	ng	#	88
37) Benzo(g,h,i)perylene	25.87	276	746353	4.136	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 14 Aug 2019 05:45
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BNA_N
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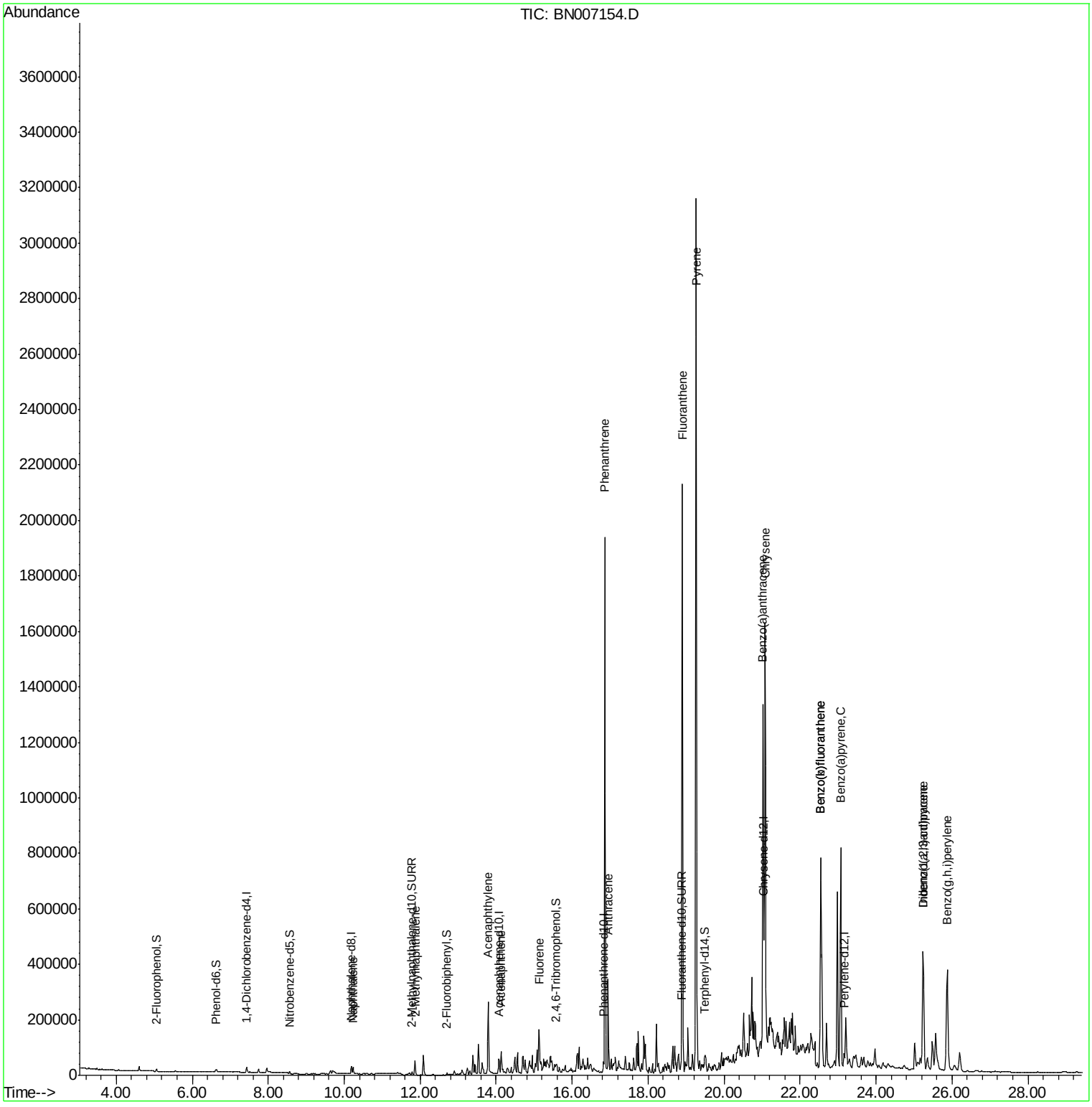
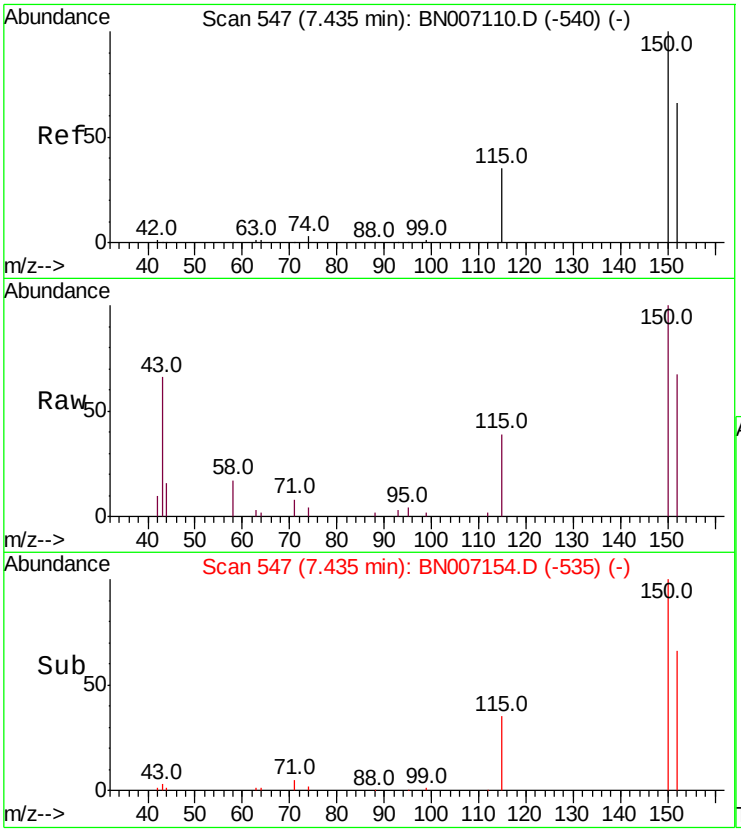
Quant Time: Aug 14 09:06:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



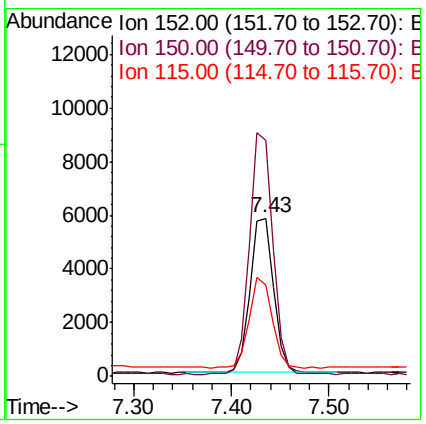


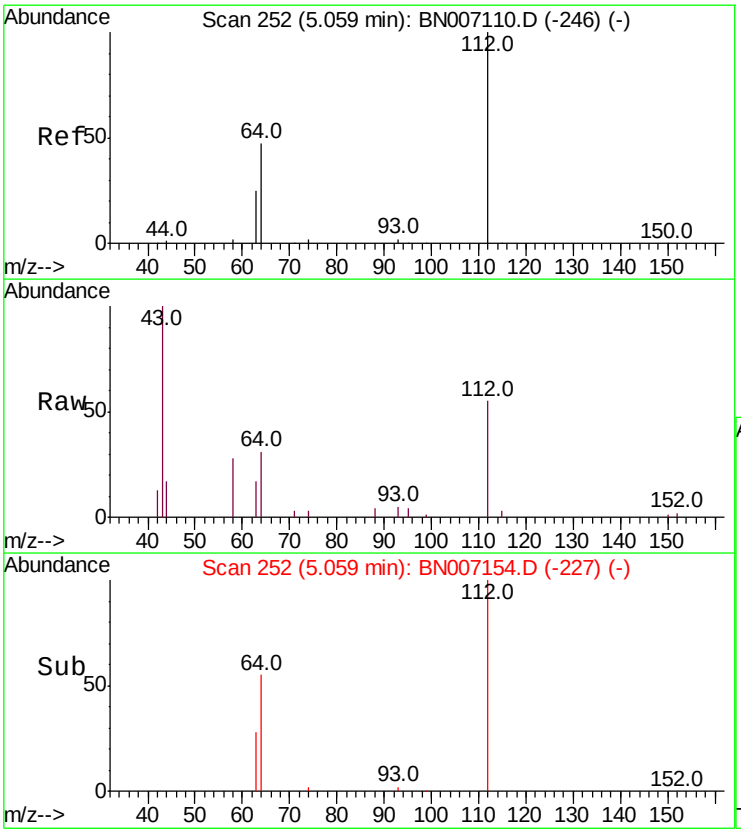
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9423

Ion	Ratio	Lower	Upper
152	100		
150	149.3	121.7	182.5
115	57.8	46.2	69.4

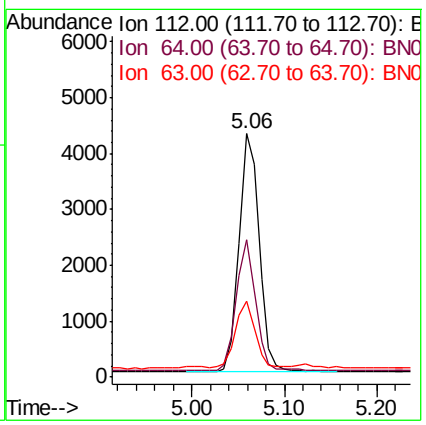


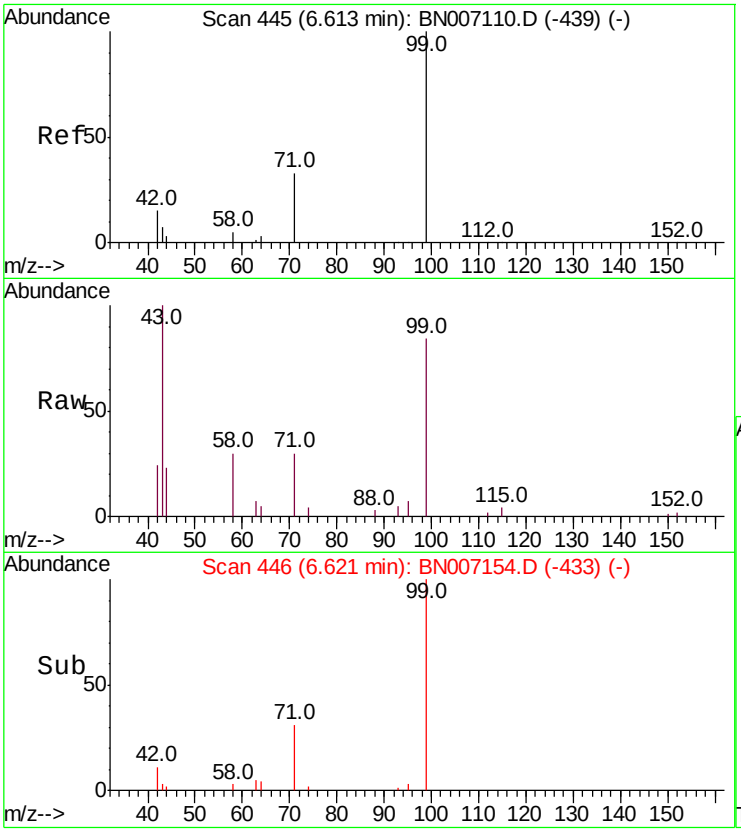


#3
2-Fluorophenol
Concen: 0.284 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:112 Resp: 6425

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	63.8
63	27.4	22.2	33.2



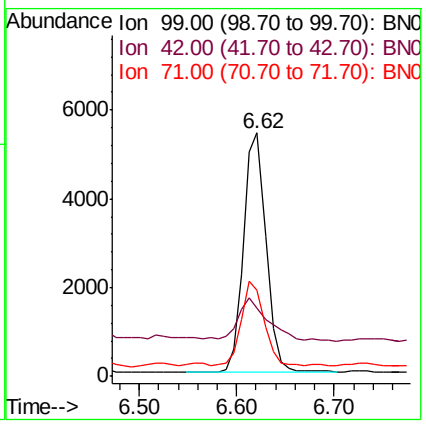


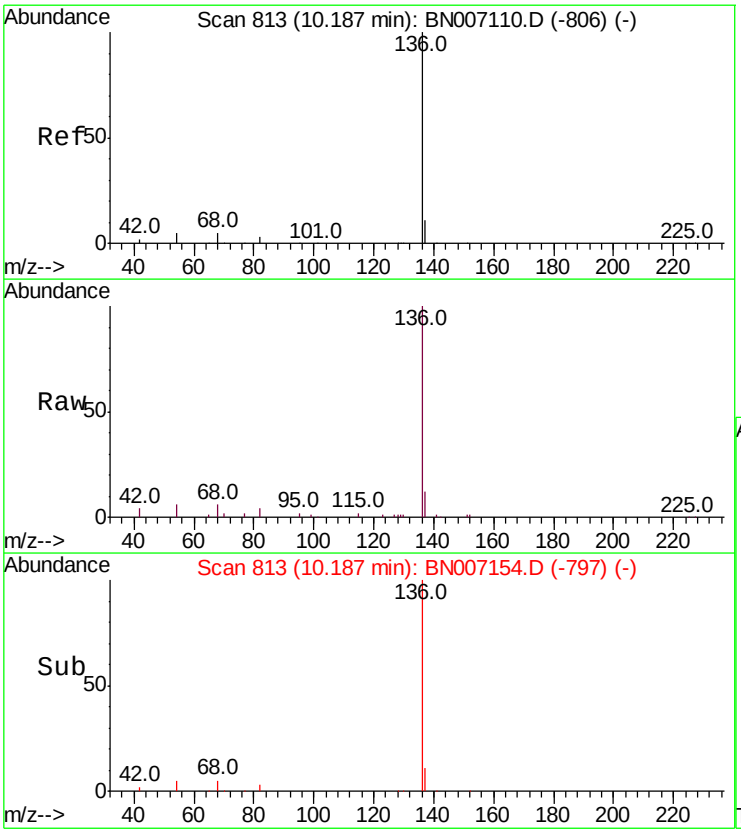
#4
Phenol-d6
Concen: 0.304 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8533

Ion	Ratio	Lower	Upper
99	100		
42	22.4	15.8	23.6
71	36.0	27.0	40.4

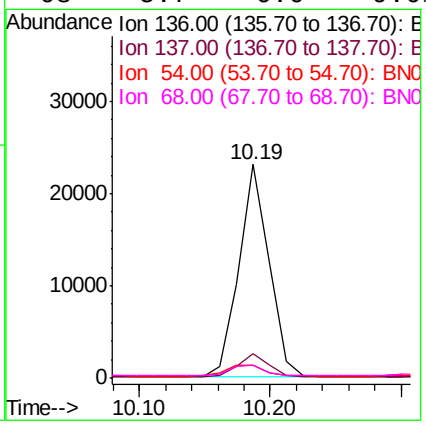


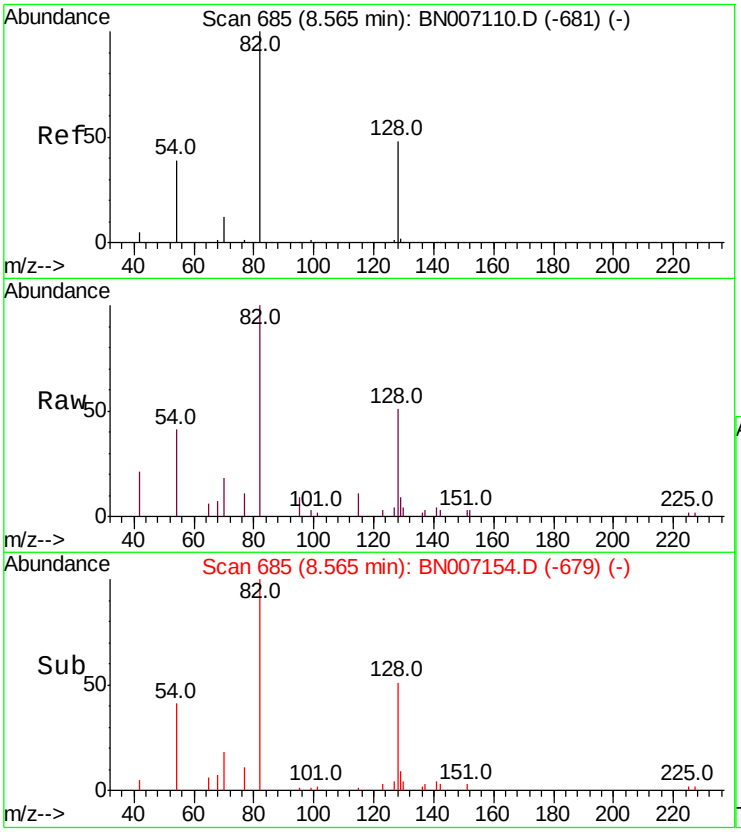


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:136 Resp: 36996

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	5.9	6.6	9.8#
68	5.7	6.0	9.0#



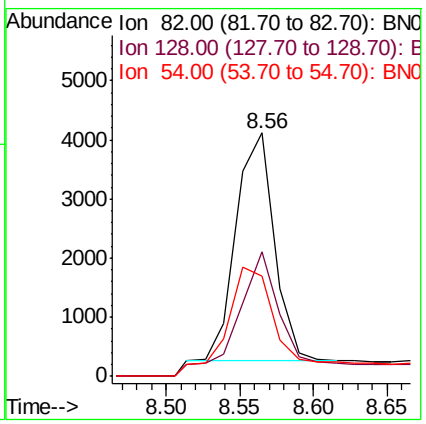


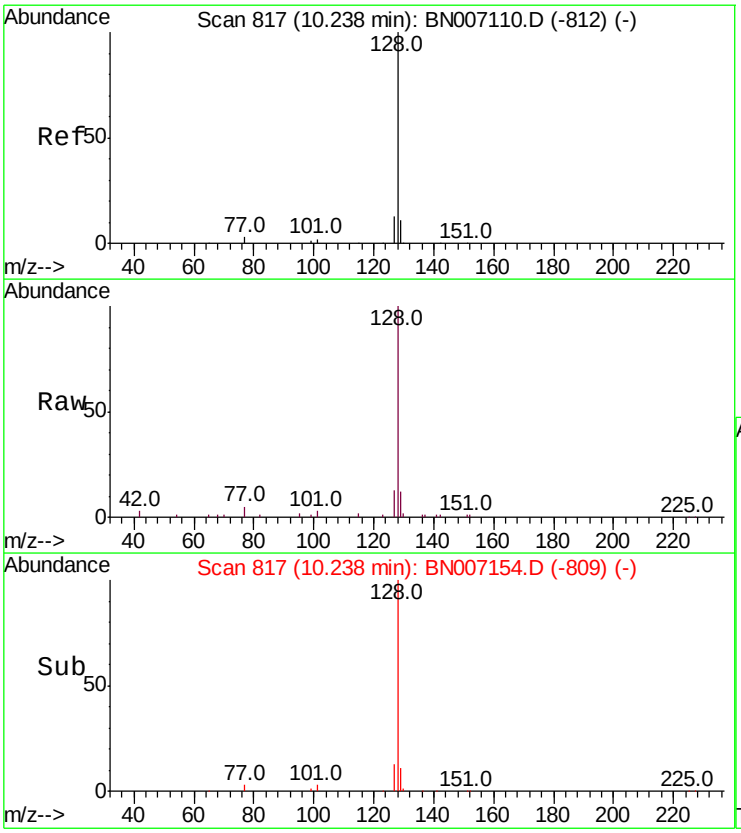
#7
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6903

Ion	Ratio	Lower	Upper
82	100		
128	51.3	34.6	51.8
54	41.4	36.2	54.4

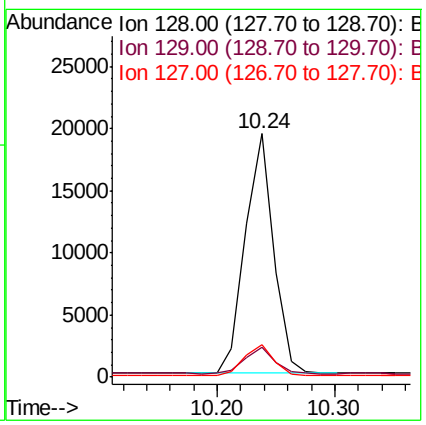


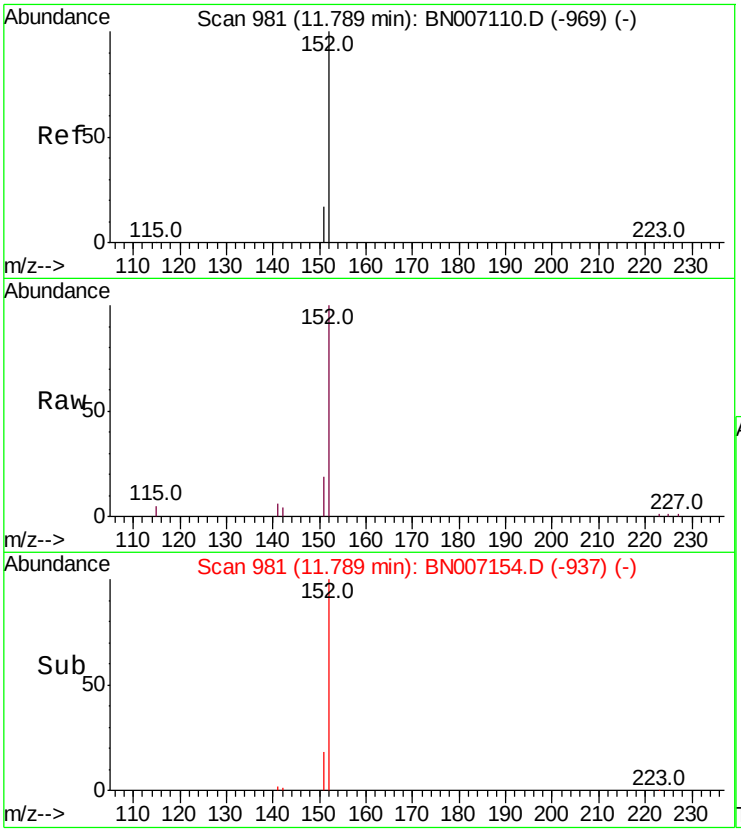


#8
Naphthalene
Concen: 0.313 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:128 Resp: 32422

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.2	11.0	16.6



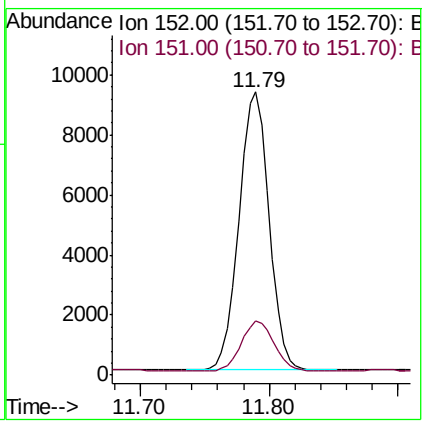


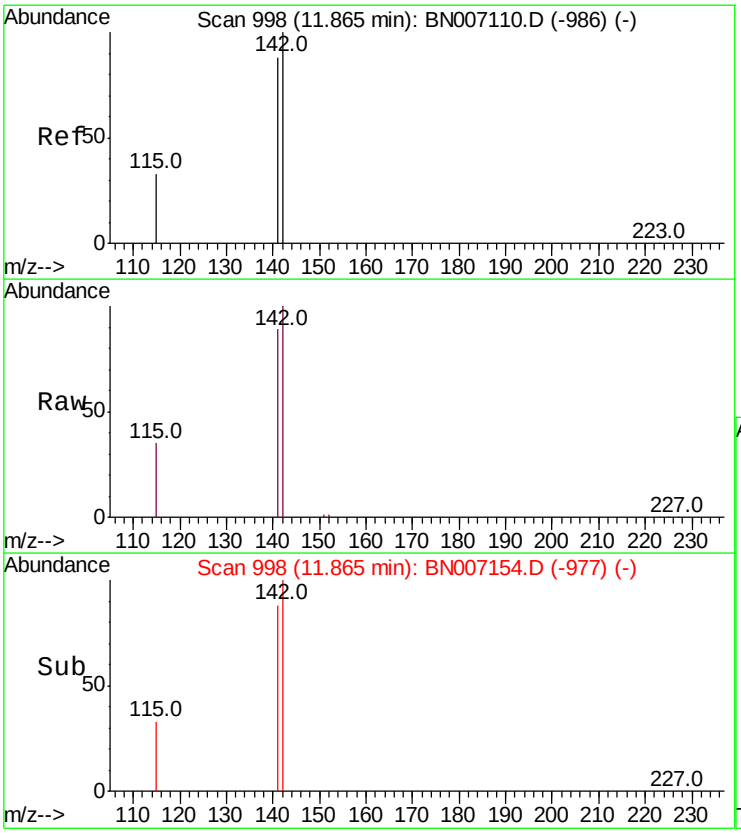
#10
2-Methylnaphthalene-d10
Concen: 0.218 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15072

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

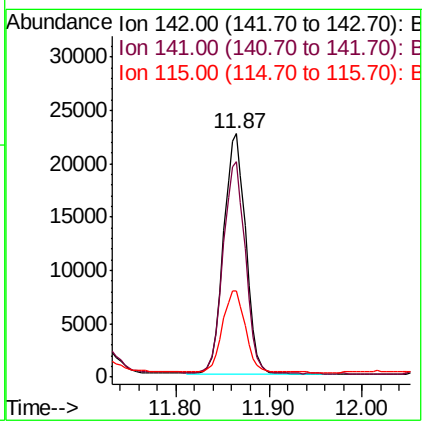


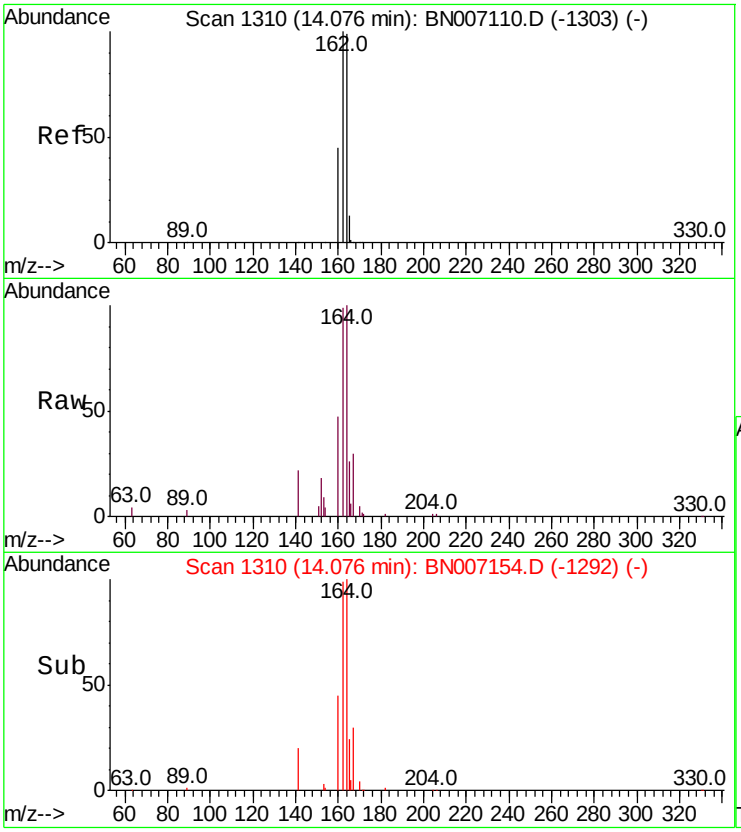


#11
2-Methylnaphthalene
Concen: 0.507 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:142 Resp: 37271

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.0	103.6
115	35.2	27.1	40.7



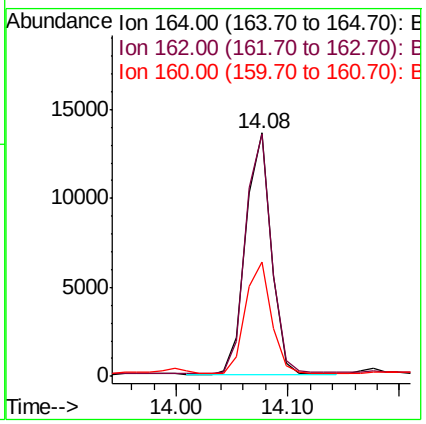


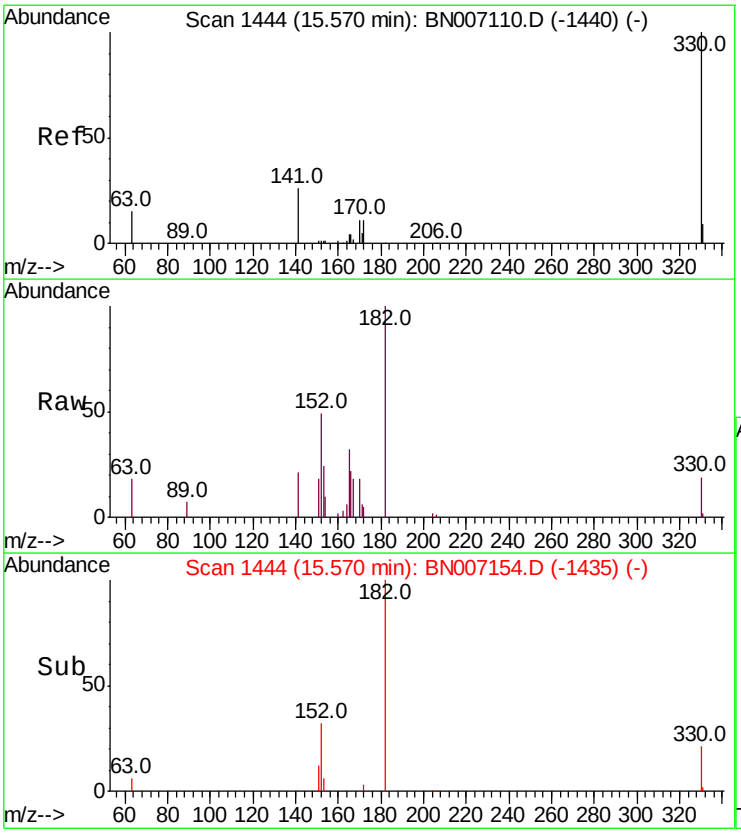
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 21585

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.4
160	46.9	38.3	57.5

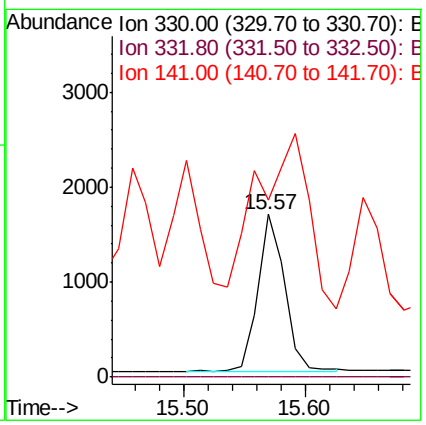


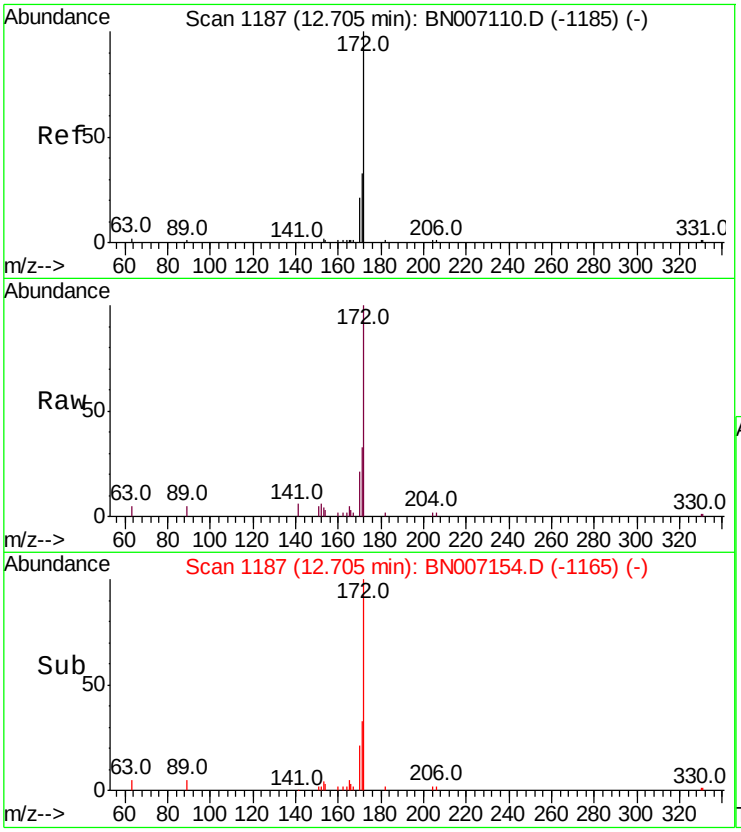


#13
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:330 Resp: 2511

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



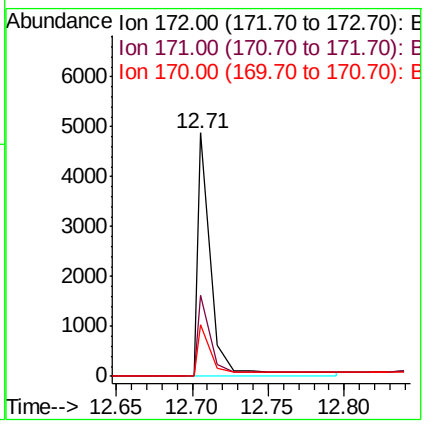


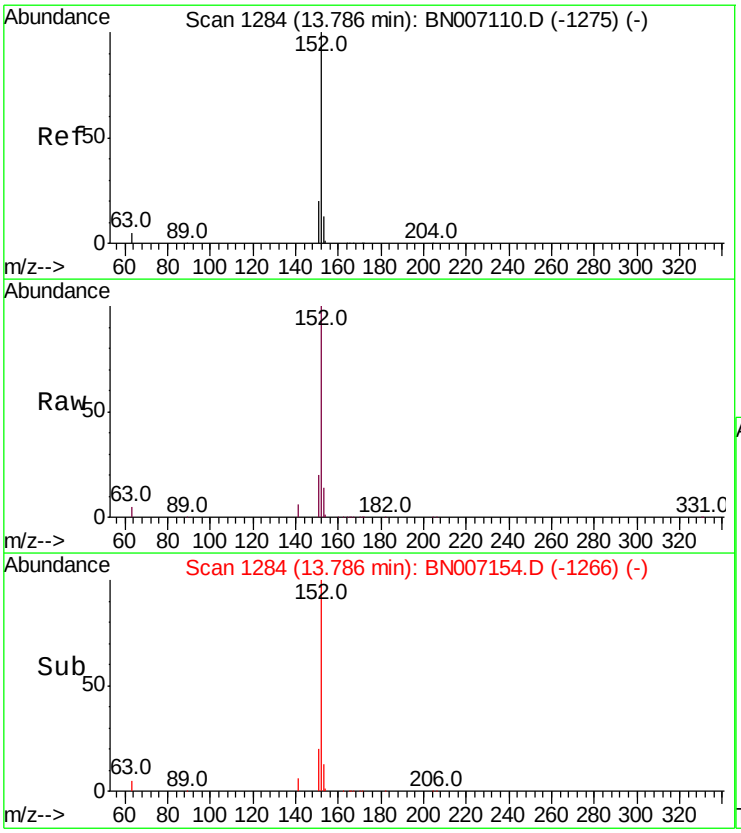
#14
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3627

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.3	39.5
170	21.1	17.0	25.4

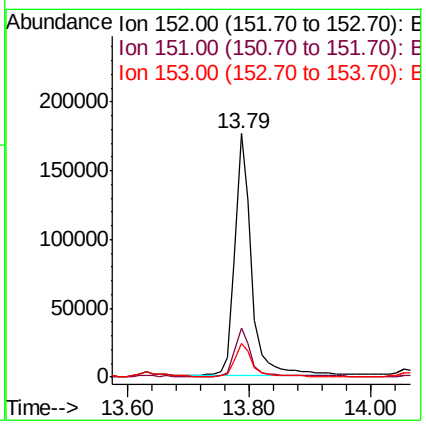


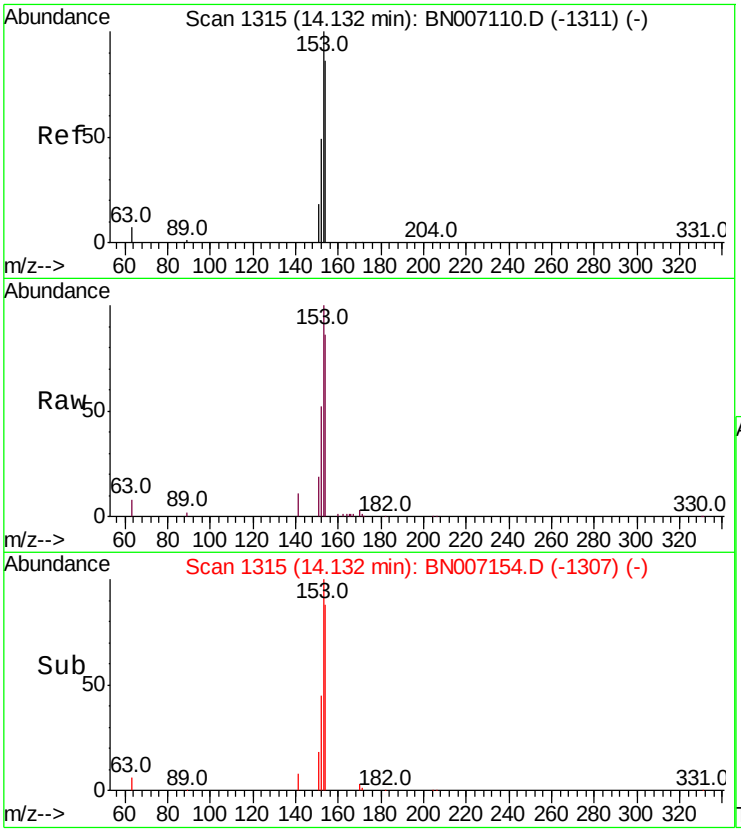


#15
Acenaphthylene
Concen: 2.935 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:152 Resp: 331112

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.8	10.4	15.6



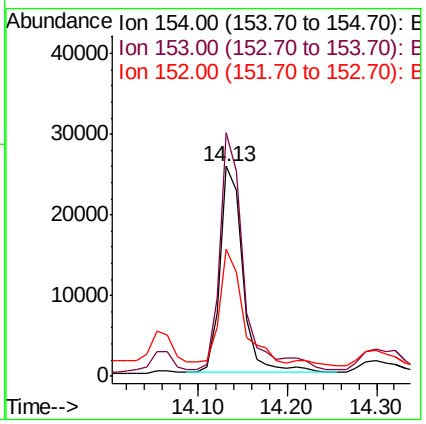


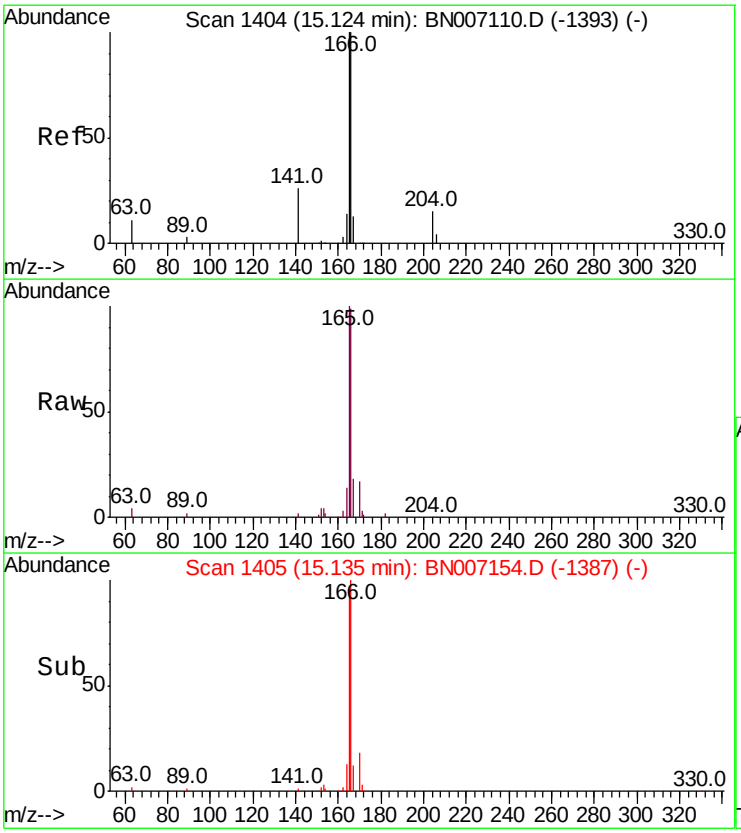
#16
Acenaphthene
Concen: 0.632 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 45676

Ion	Ratio	Lower	Upper
154	100		
153	119.9	89.5	134.3
152	54.7	44.8	67.2

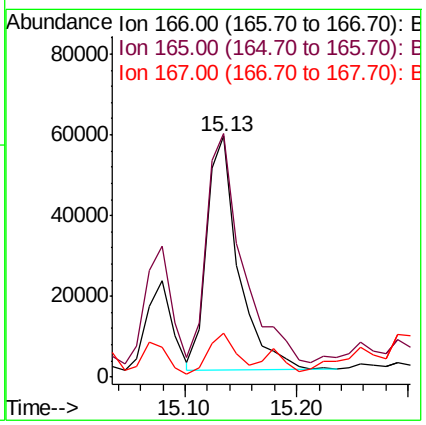


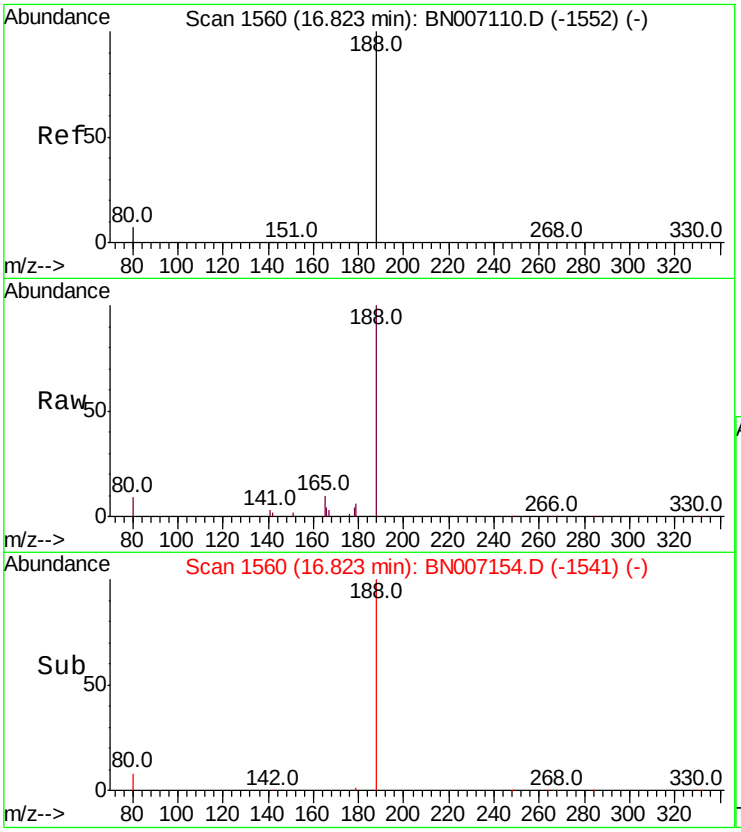


#17
Fluorene
Concen: 1.060 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:166 Resp: 114569

Ion	Ratio	Lower	Upper
166	100		
165	110.7	77.9	116.9
167	15.1	10.9	16.3



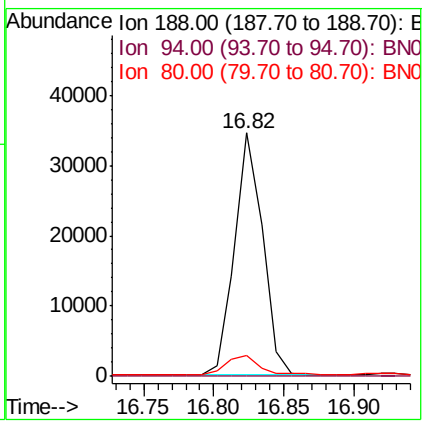


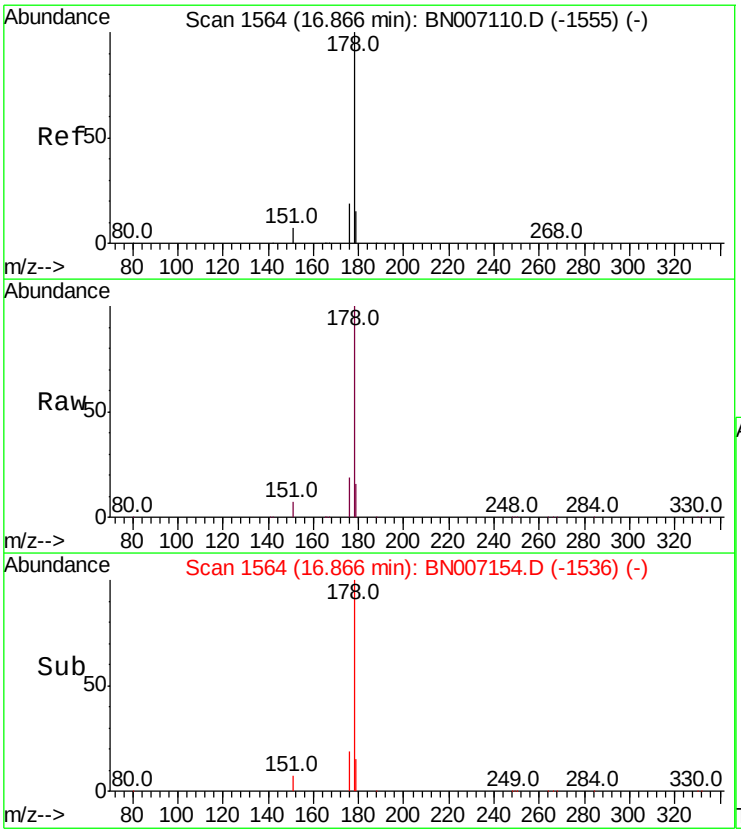
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 47765

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

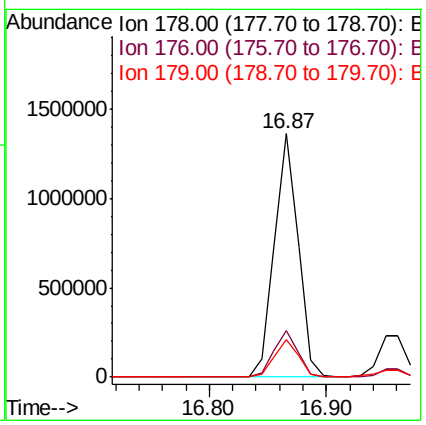


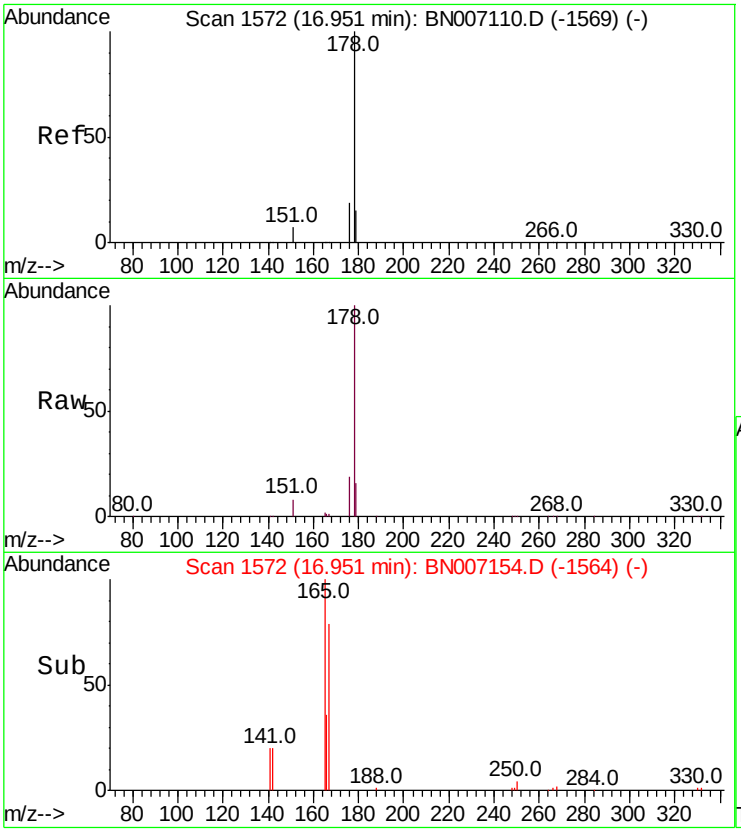


#22
Phenanthrene
Concen: 13.380 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:178 Resp: 1915265

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.8	12.3	18.5



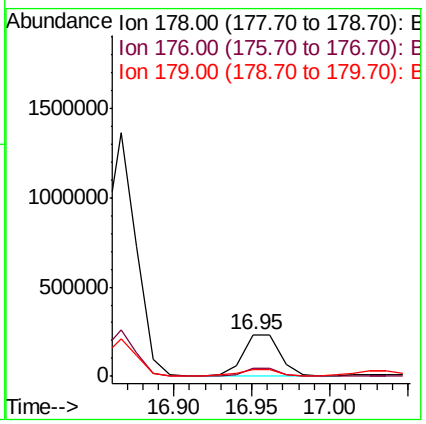


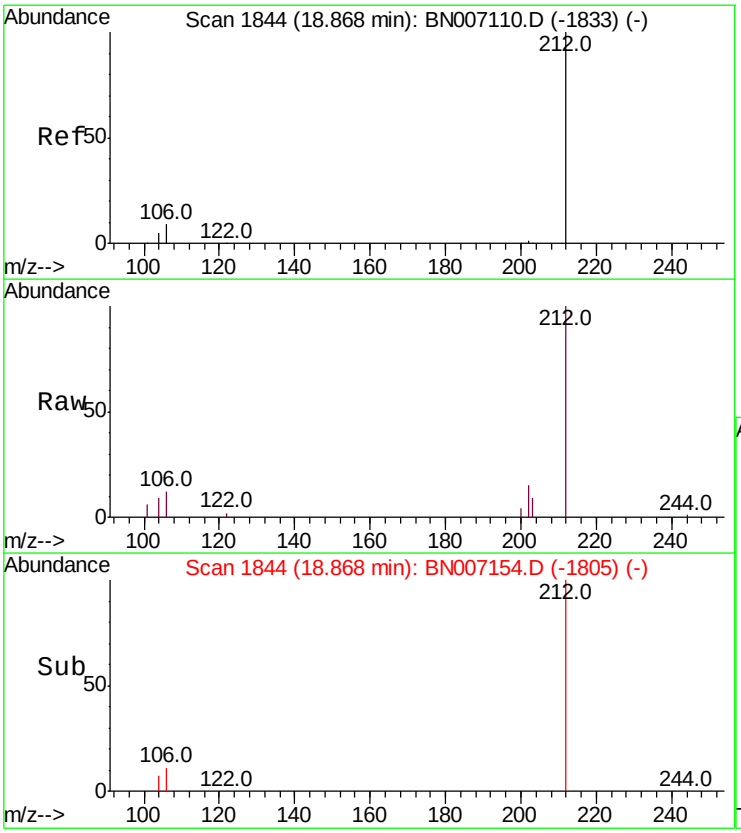
#23
Anthracene
Concen: 2.900 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 379290

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	16.3	12.5	18.7

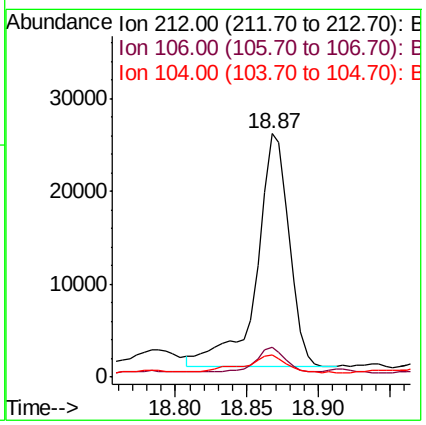


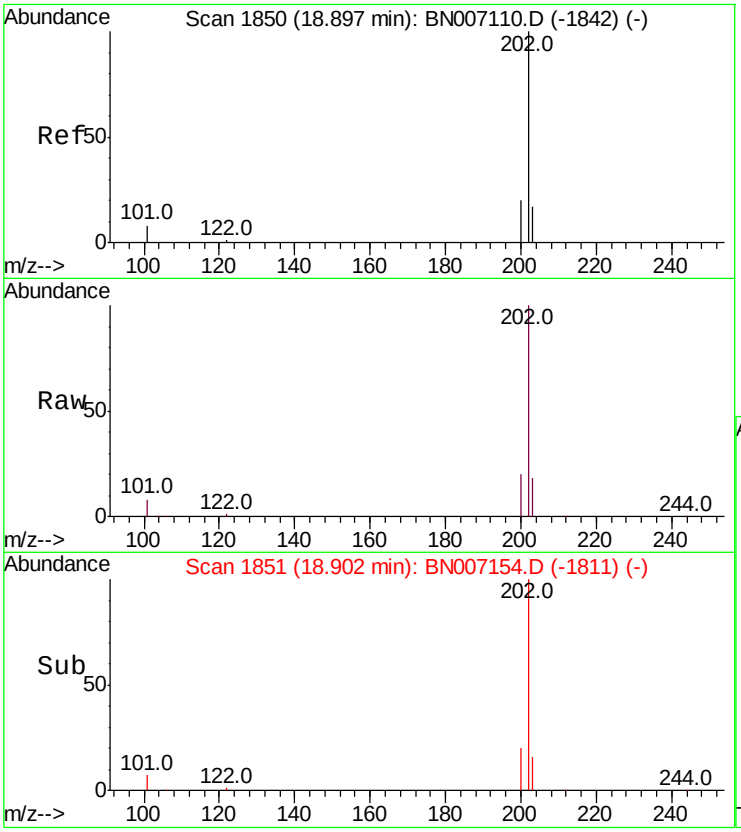


#24
Fluoranthene-d10
Concen: 0.233 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:212 Resp: 39425

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.2	12.2
104	9.3	4.5	6.7#



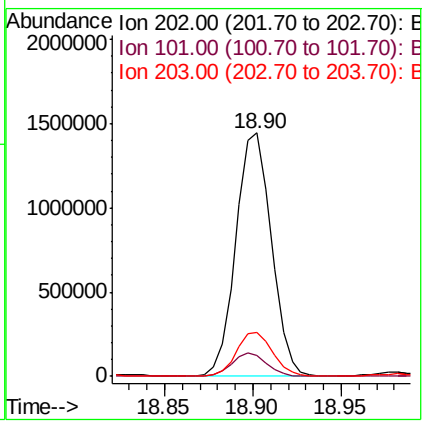


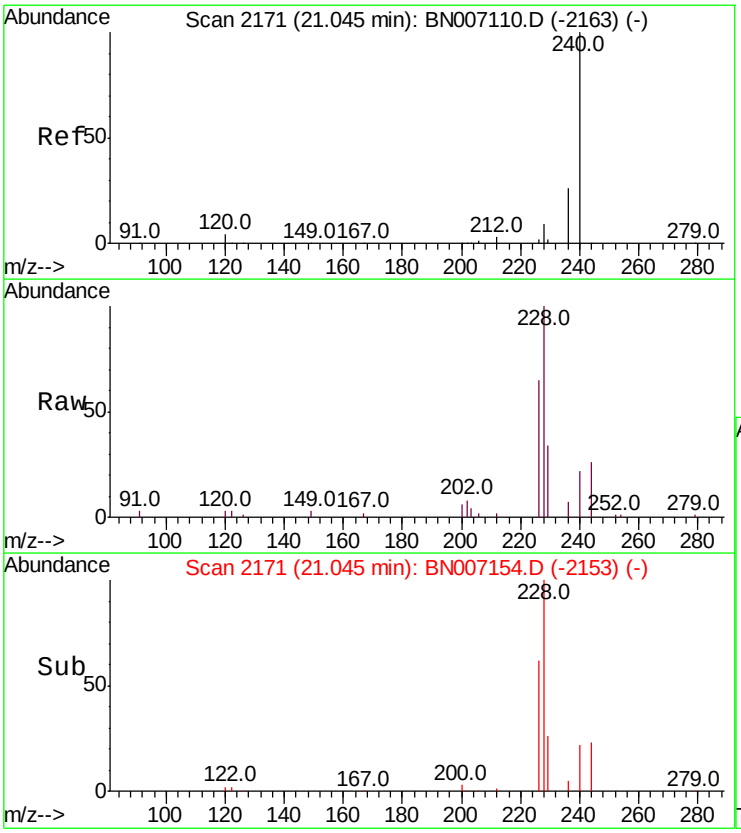
#25
Fluoranthene
Concen: 10.977 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2010067

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	18.2	13.8	20.8

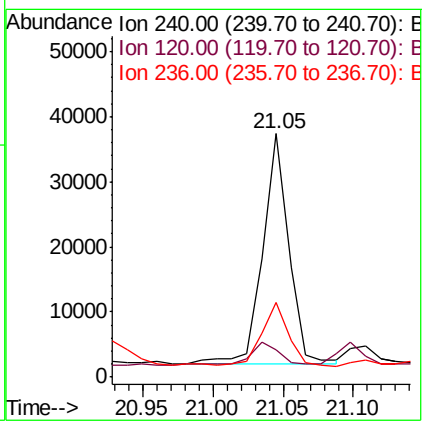


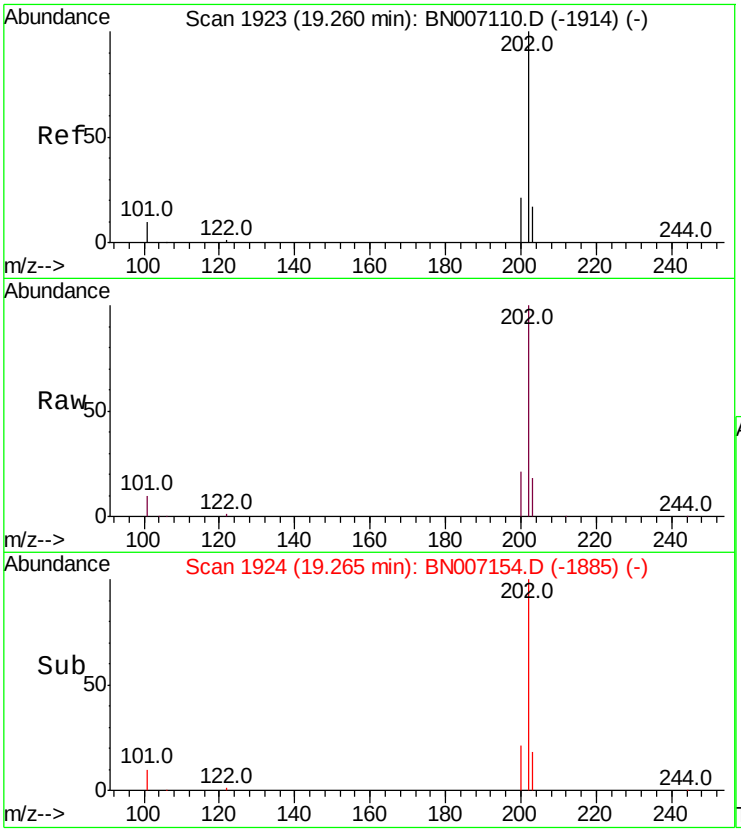


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:240 Resp: 46442

Ion	Ratio	Lower	Upper
240	100		
120	11.2	4.0	6.0#
236	30.6	21.3	31.9



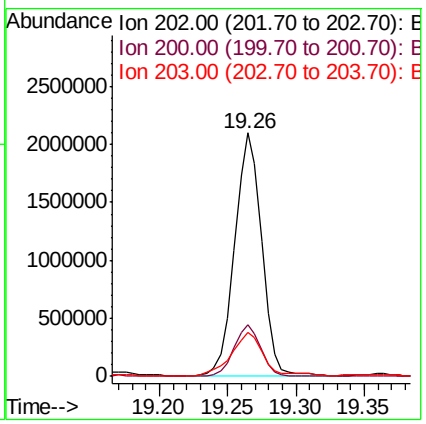


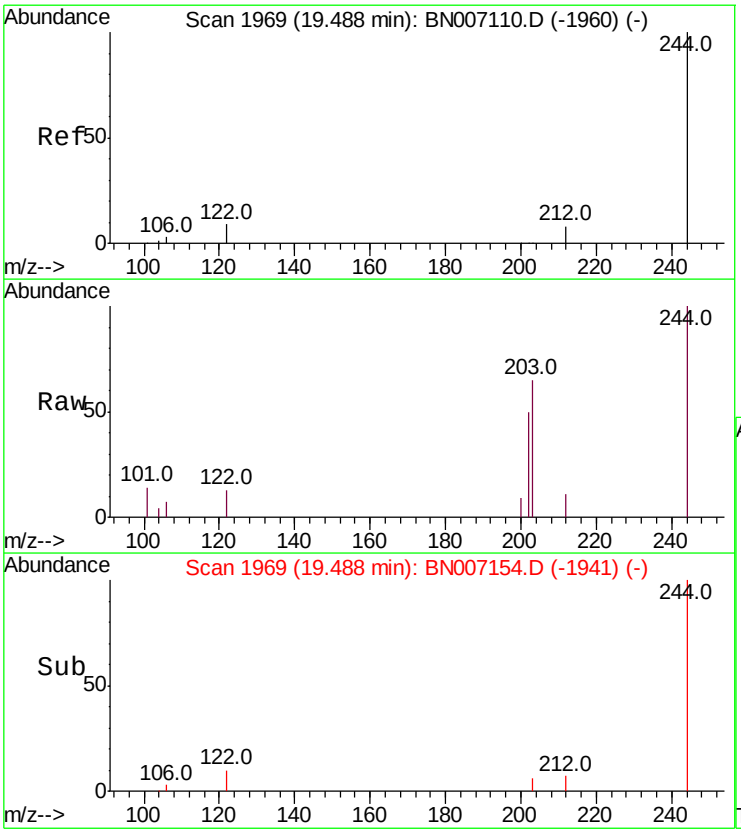
#27
Pyrene
Concen: 17.505 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2850922

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	20.6	14.0	21.0

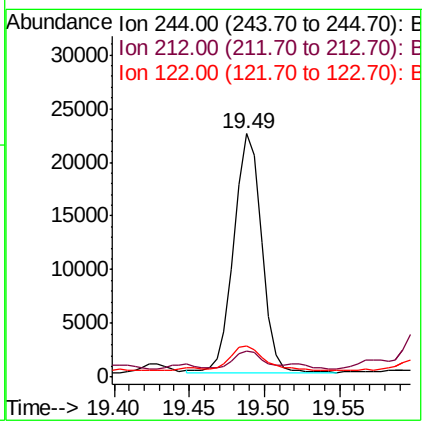


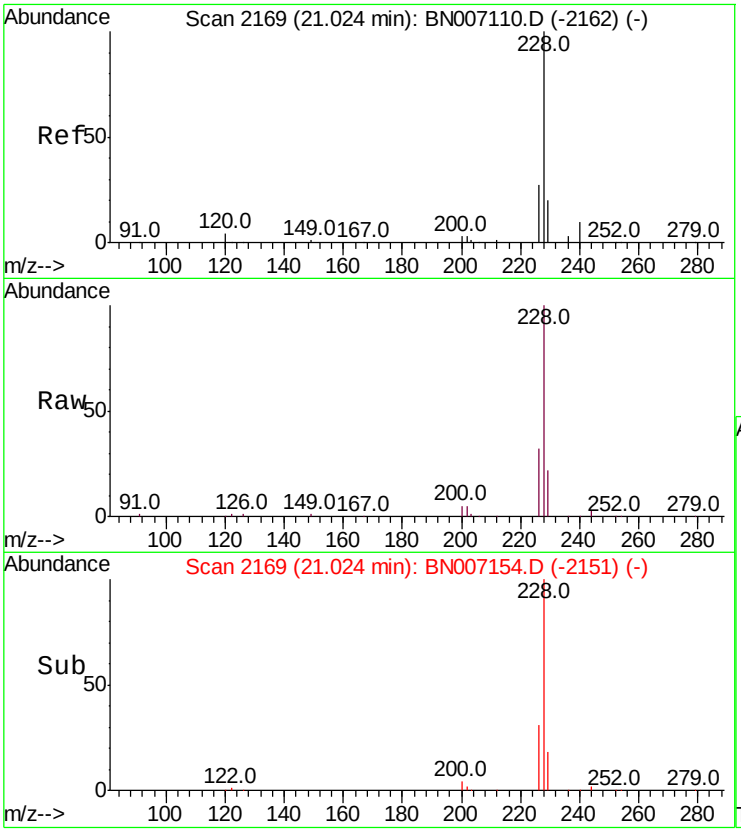


#28
Terphenyl-d14
Concen: 0.225 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:244 Resp: 28508

Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.2	9.2#
122	12.9	7.4	11.2#



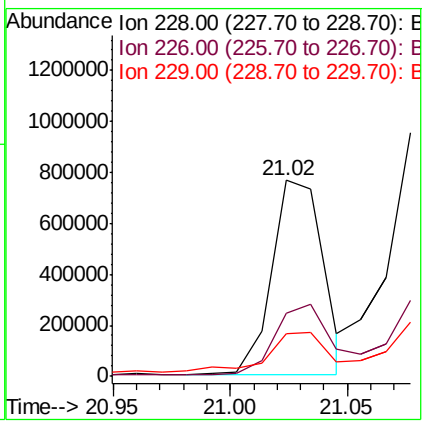


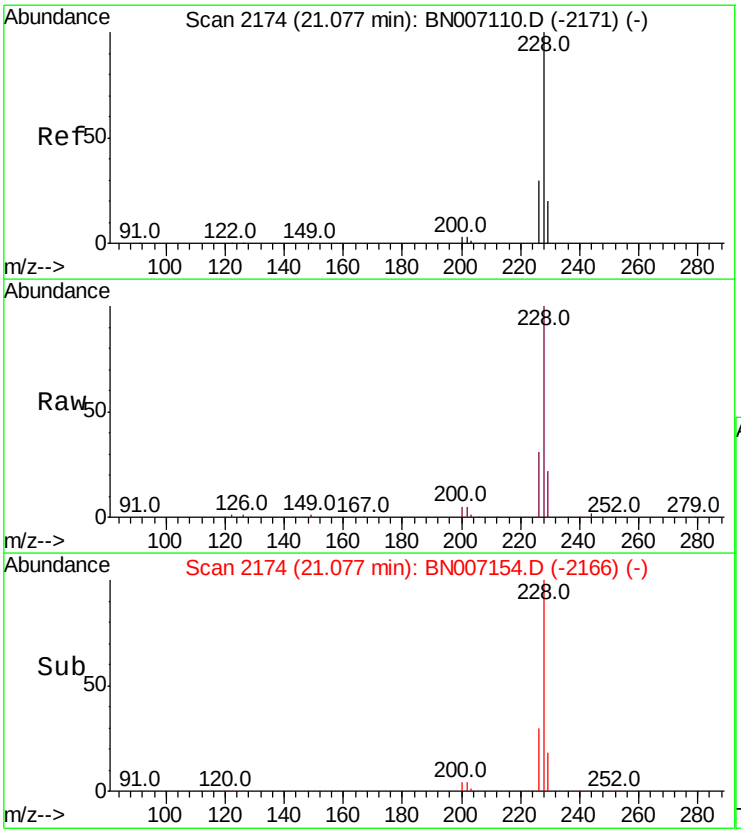
#29
Benzo(a)anthracene
Concen: 6.857 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1164617

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.8	32.6
229	21.7	15.6	23.4

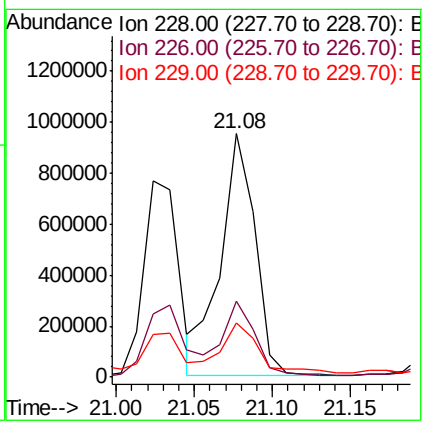


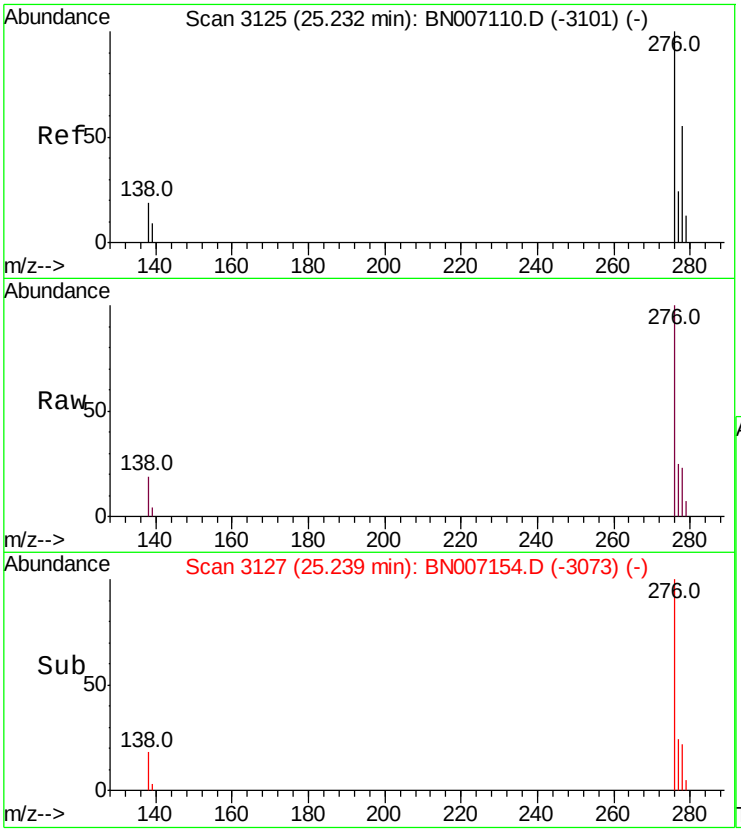


#30
Chrysene
Concen: 8.817 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:228 Resp: 1454851

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	22.1	15.7	23.5



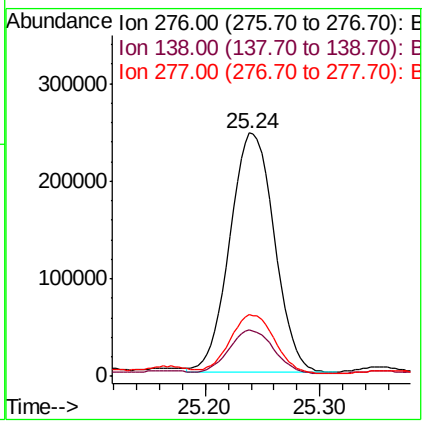


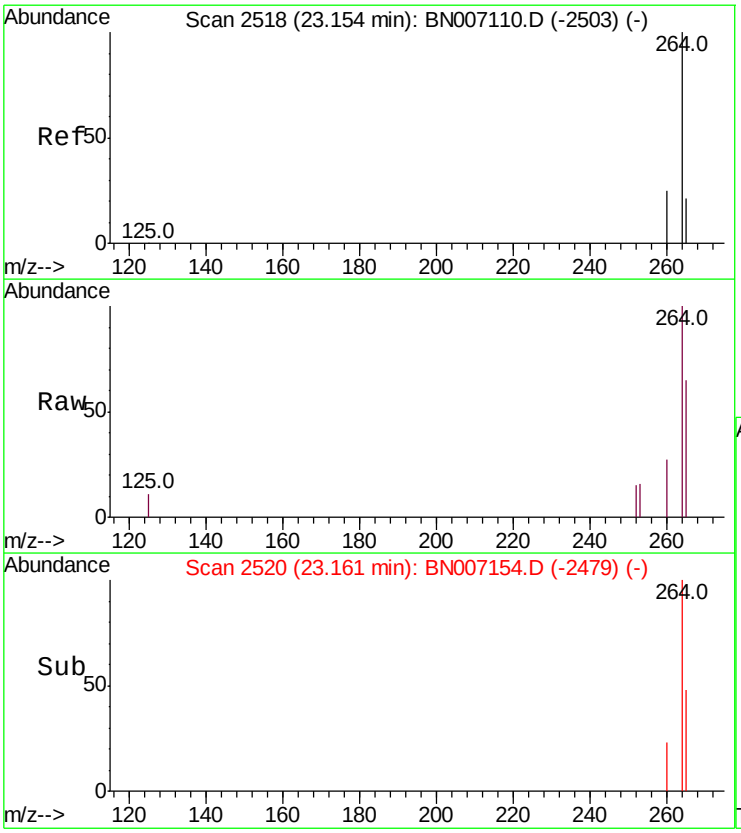
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.616 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 657596

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.0	24.0
277	24.9	19.9	29.9

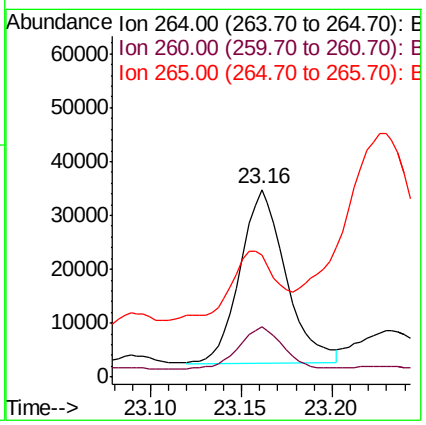


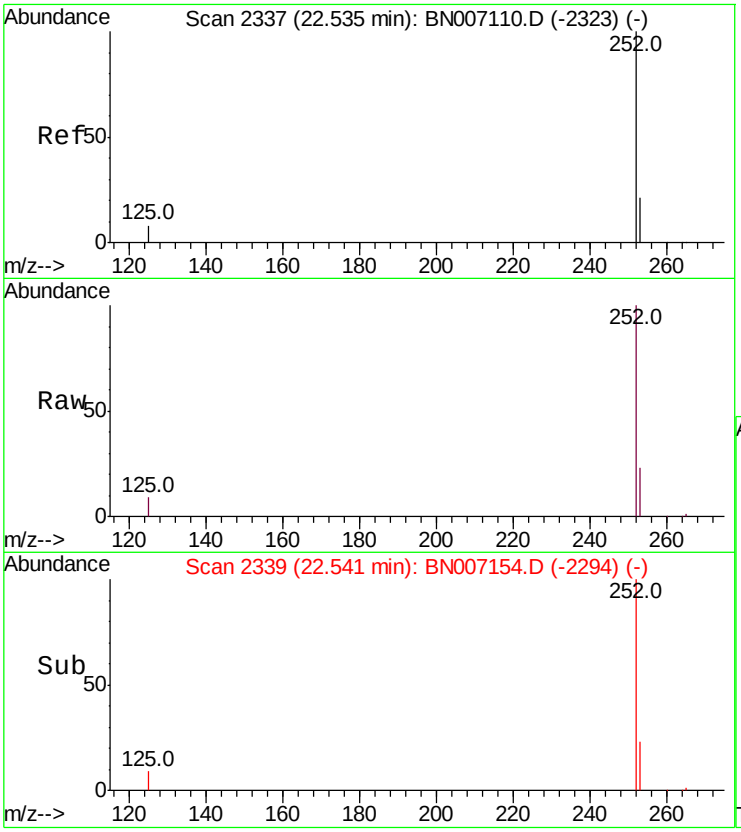


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:264 Resp: 56563

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.8	29.8
265	65.5	26.2	39.4#



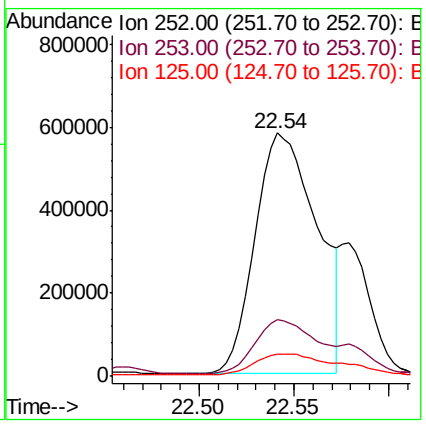


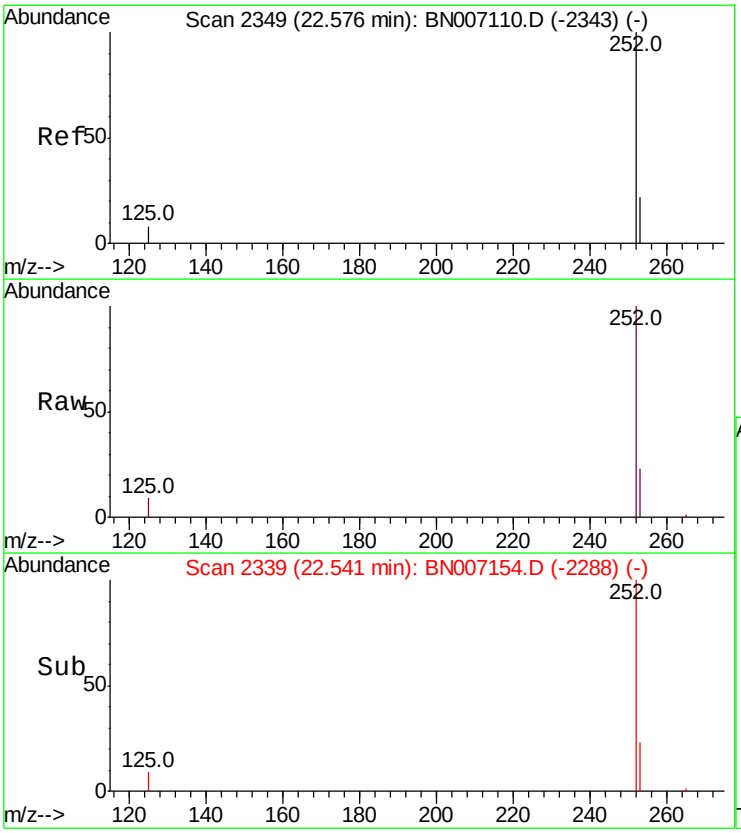
#33
Benzo(b)fluoranthene
Concen: 6.807 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1320233

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.2	7.4	11.0

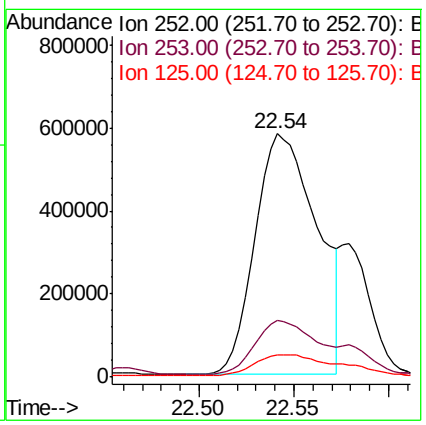


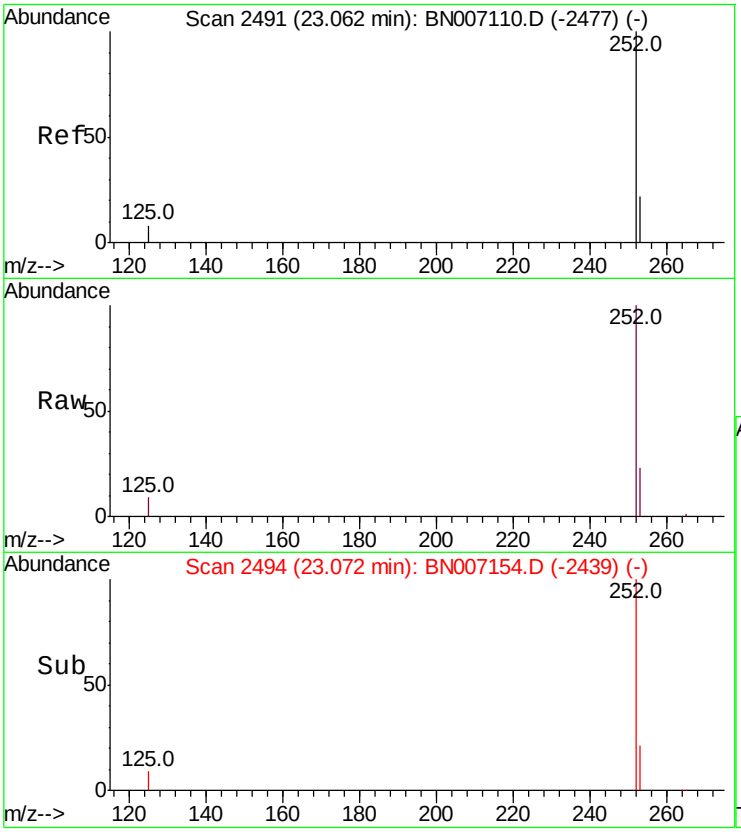


#34
Benzo(k)fluoranthene
Concen: 6.892 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:252 Resp: 1320233

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.2	7.4	11.0



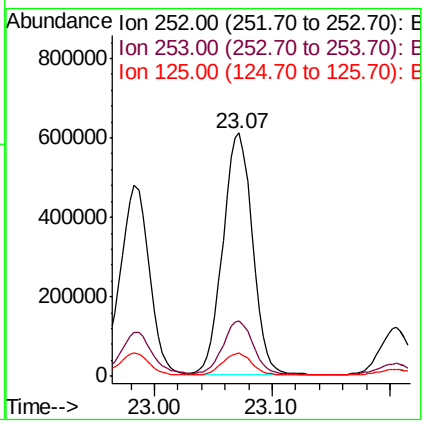


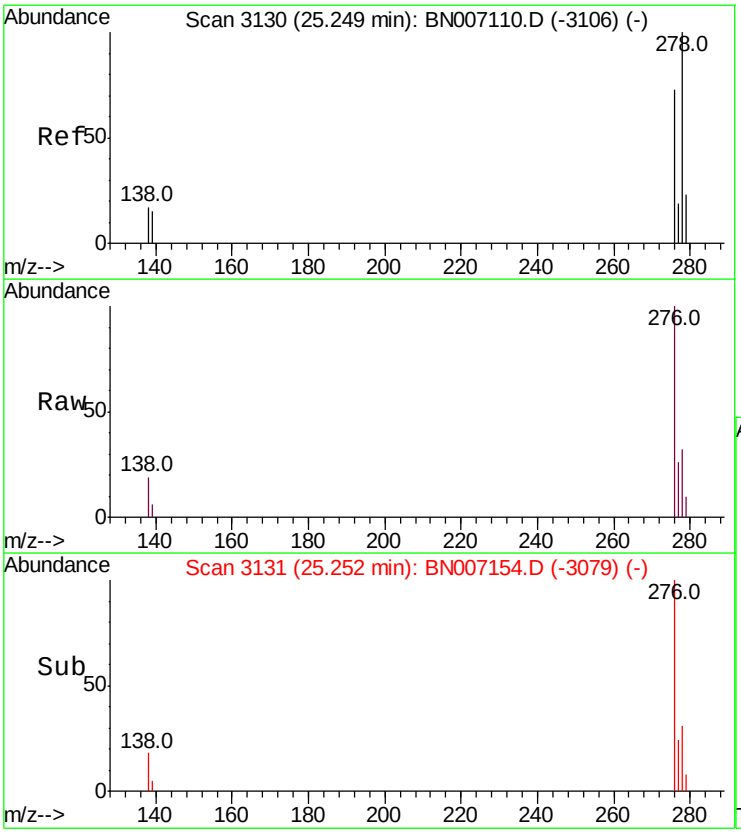
#35
Benzo(a)pyrene
Concen: 5.987 ng
RT: 23.07 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1052756

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.4	8.2	12.4

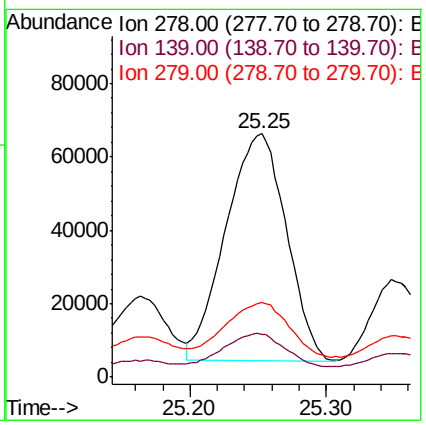


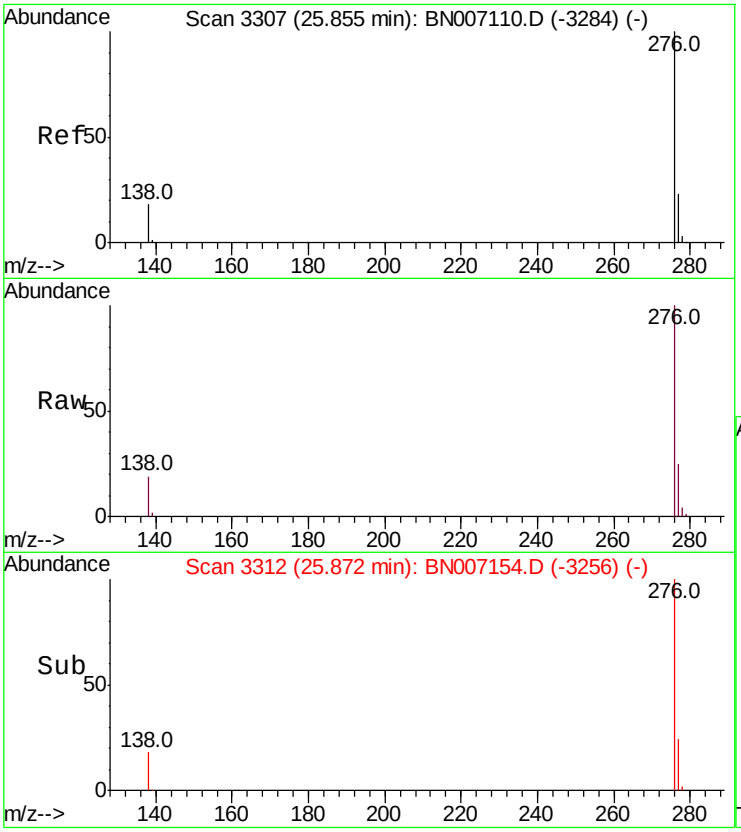


#36
Dibenzo(a,h)anthracene
Concen: 1.092 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Tgt Ion:278 Resp: 191653

Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.3	16.9#
279	30.8	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 4.136 ng
RT: 25.87 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BN007154.D
Acq: 14 Aug 2019 05:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 746353

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.8	14.6	22.0