Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007213.D
Acq On : 16 Aug 2019 01:10
Operator : HP/JU
Sample : K4240-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:54 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	7023	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	26619	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15440	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	36360	0.40	ng		0.00
26) Chrysene-d12	21.03	240	35708	0.40	ng		-0.02
32) Perylene-d12	23.15	264	40030	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	7202	0.43	ng		0.00
4) Phenol-d6	6.61	99	9621	0.46	ng		0.00
7) Nitrobenzene-d5	8.55	82	8023	0.37	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	17195	0.35	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	968	0.12	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	2132	0.09	ng		0.00
24) Fluoranthene-d10	18.86	212	44287	0.34	ng		-0.01
28) Terphenyl-d14	19.48	244	35123	0.36	ng		-0.01
Target Compounds							Qvalue
15) Acenaphthylene	13.79	152	7218	0.089	ng		98
22) Phenanthrene	16.87	178	10480	0.096	ng		98
23) Anthracene	16.95	178	2596	0.026	ng	#	92
25) Fluoranthene	18.89	202	27188	0.195	ng		99
27) Pyrene	19.26	202	24624	0.197	ng	#	95
29) Benzo(a)anthracene	21.02	228	17355	0.133	ng	#	73
30) Chrysene	21.07	228	14351	0.113	ng	#	90
31) Indeno(1,2,3-cd)pyrene	25.23	276	8997	0.064	ng		97
33) Benzo(b)fluoranthene	22.53	252	18713	0.136	ng	#	84
34) Benzo(k)fluoranthene	22.53	252	18713	0.138	ng	#	84
35) Benzo(a)pyrene	23.06	252	13614	0.109	ng	#	83
37) Benzo(g,h,i)perylene	25.85	276	8400	0.066	ng	#	81

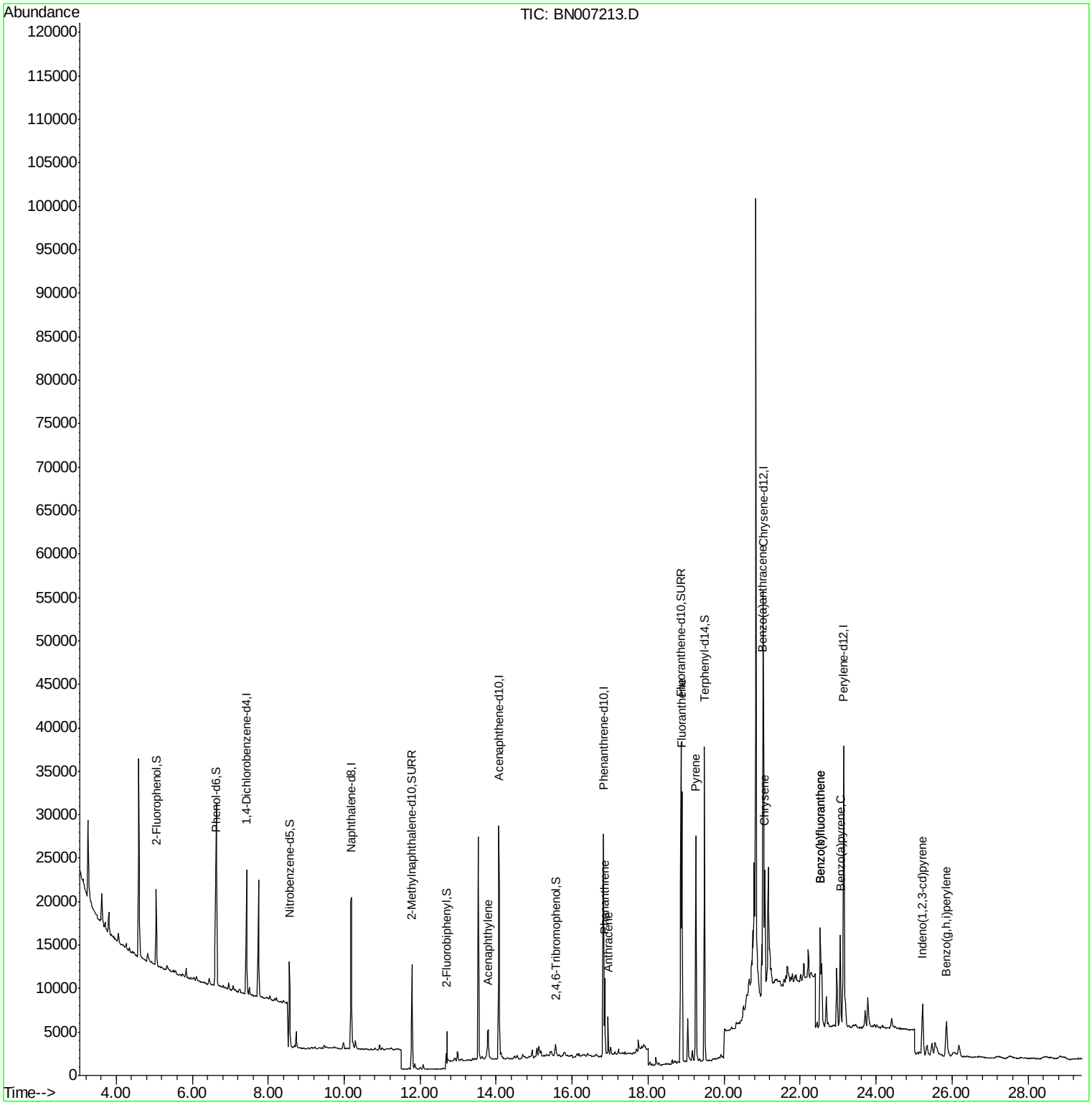
(#) = qualifier out of range (m) = manual integration (+) = signals summed

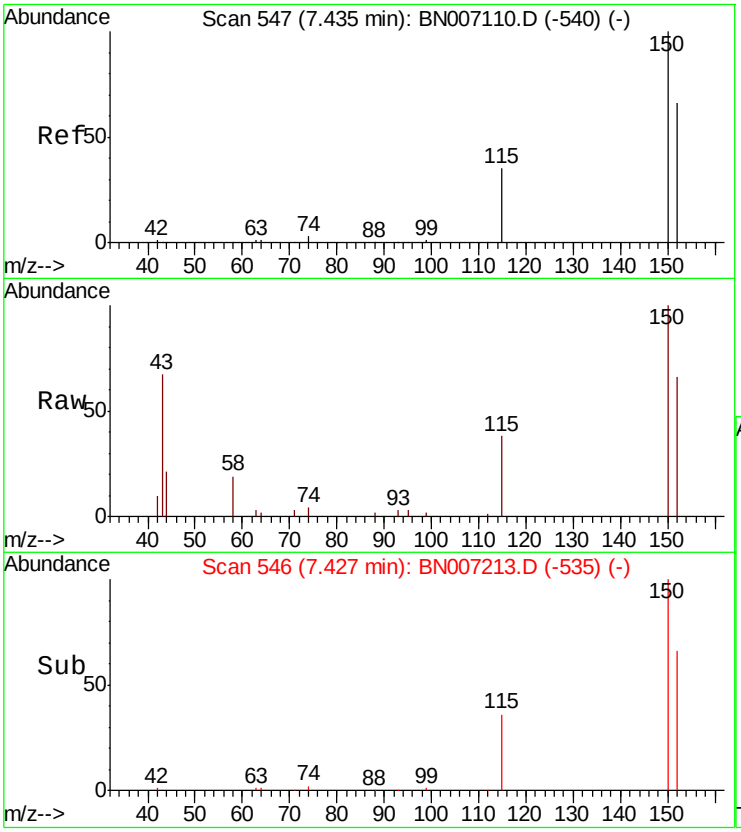
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007213.D
Acq On : 16 Aug 2019 01:10
Operator : HP/JU
Sample : K4240-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:54 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



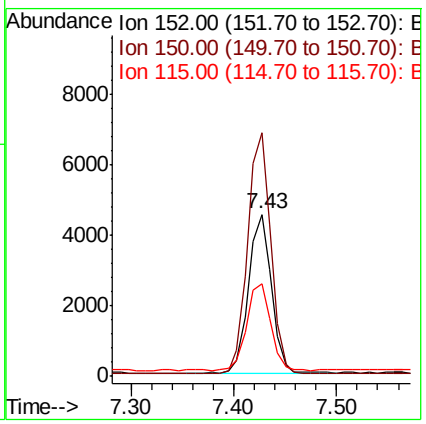


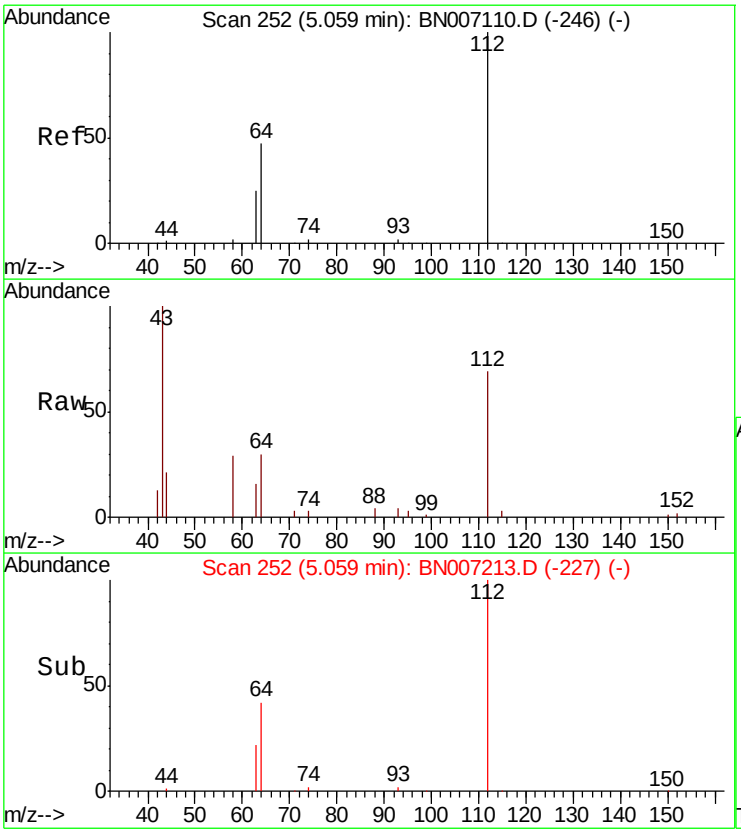
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7023

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.7	182.5
115	57.5	46.2	69.4

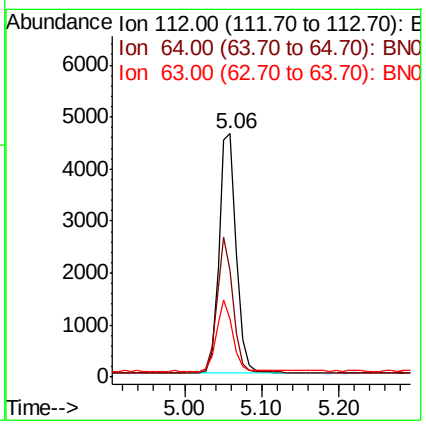


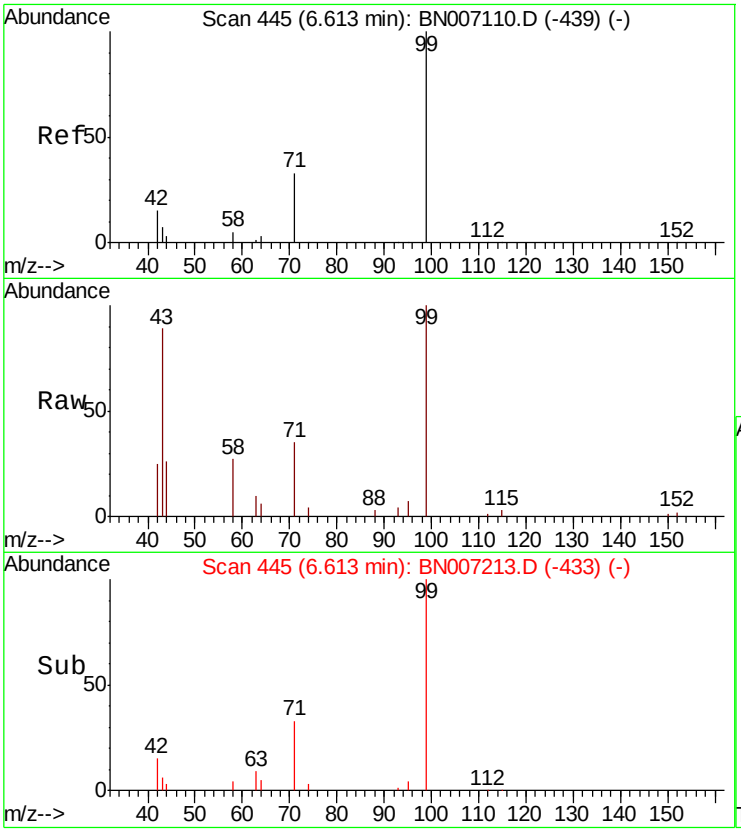


#3
2-Fluorophenol
Concen: 0.427 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:112 Resp: 7202

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	63.8
63	28.1	22.2	33.2



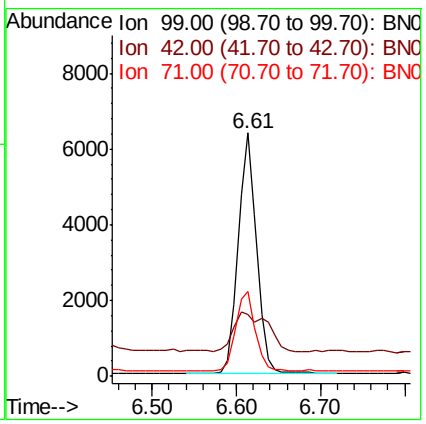


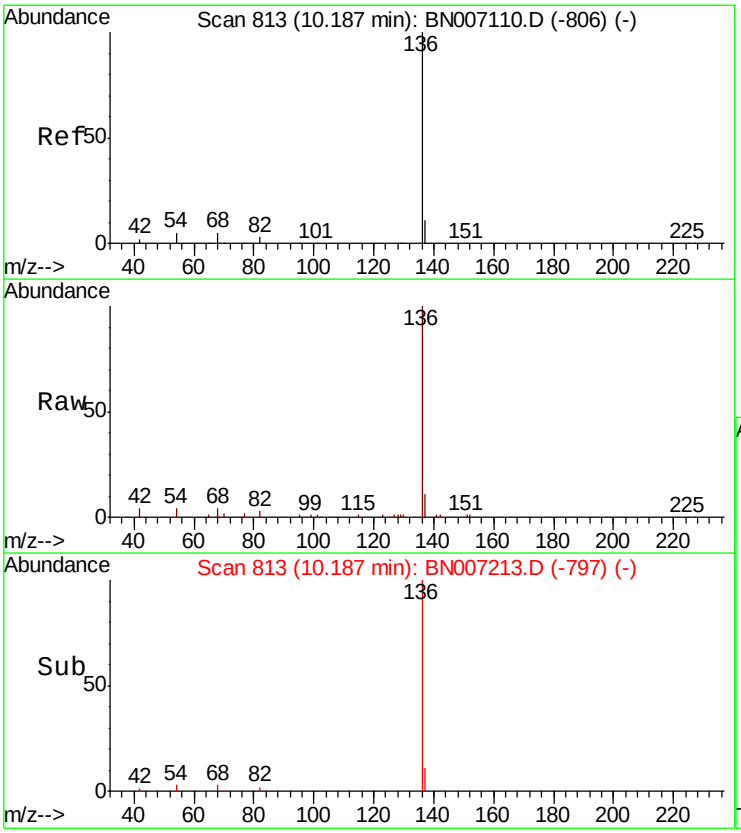
#4
Phenol-d6
Concen: 0.460 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9621

Ion	Ratio	Lower	Upper
99	100		
42	29.5	15.8	23.6#
71	34.3	27.0	40.4

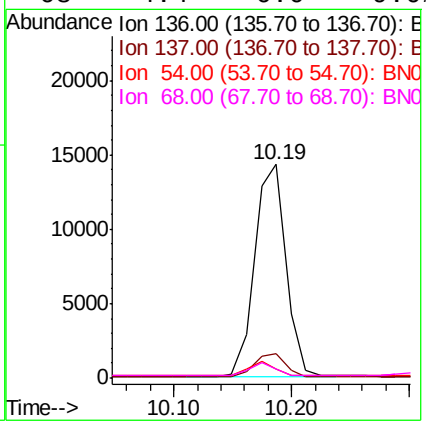


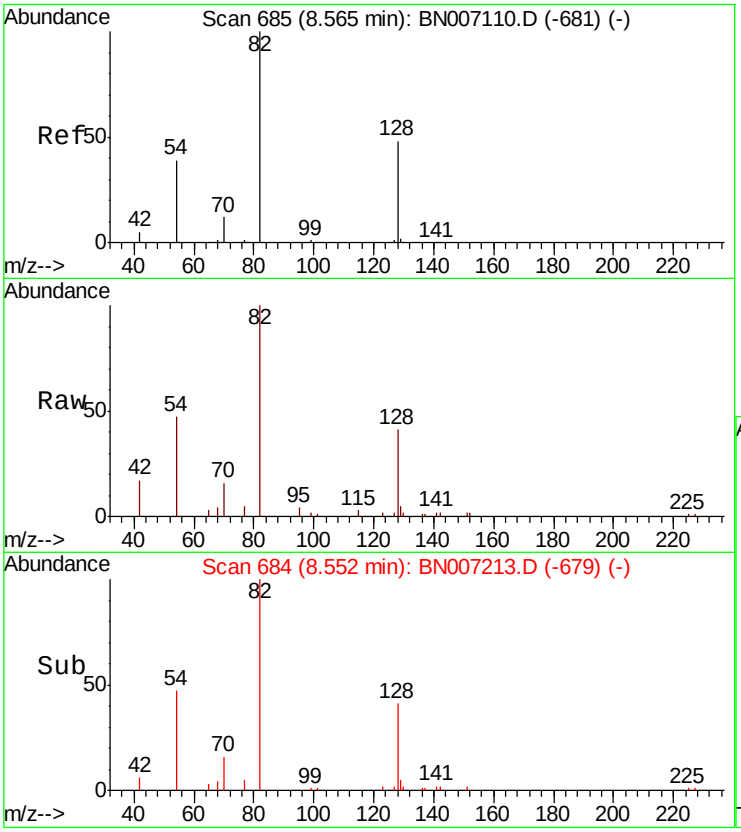


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:136 Resp: 26619

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	4.4	6.6	9.8#
68	4.4	6.0	9.0#



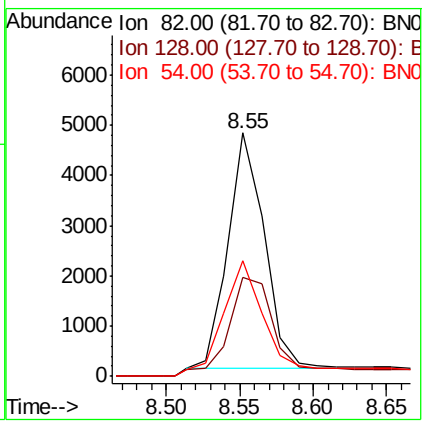


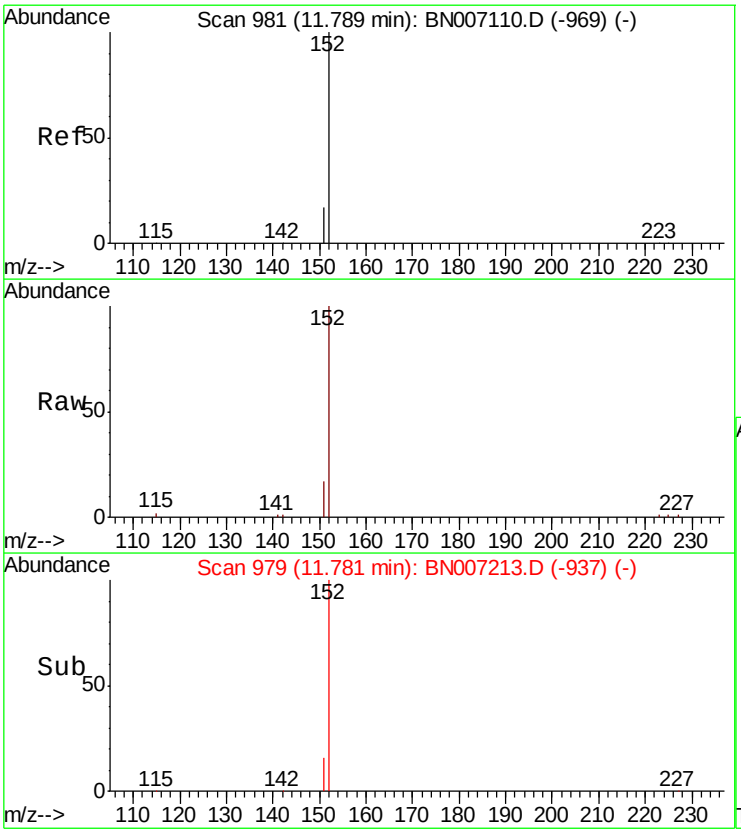
#7
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 8023

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	47.3	36.2	54.4

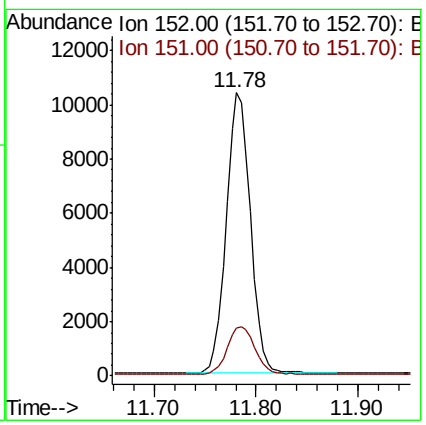


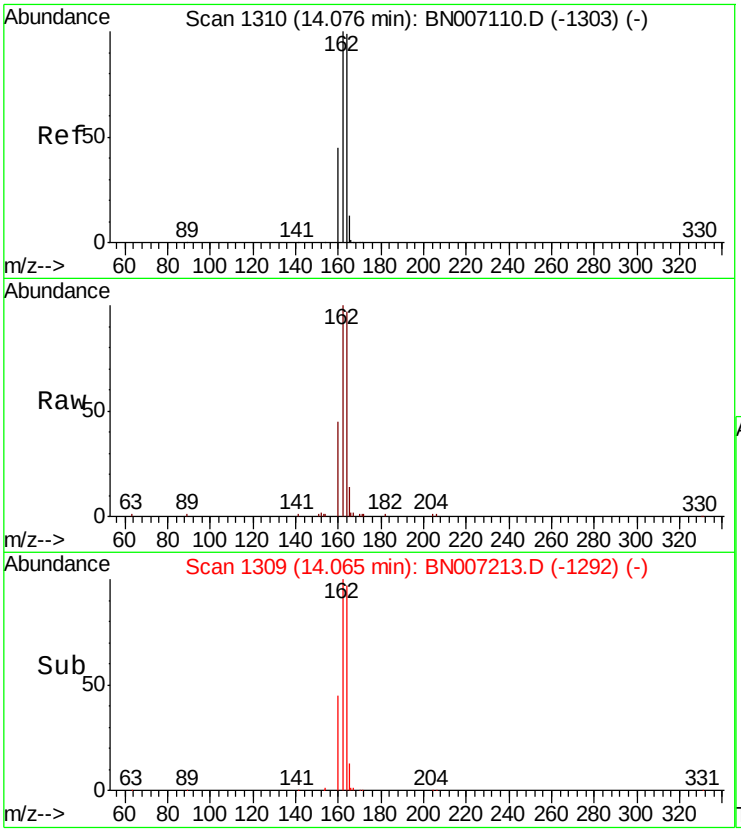


#10
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:152 Resp: 17195

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



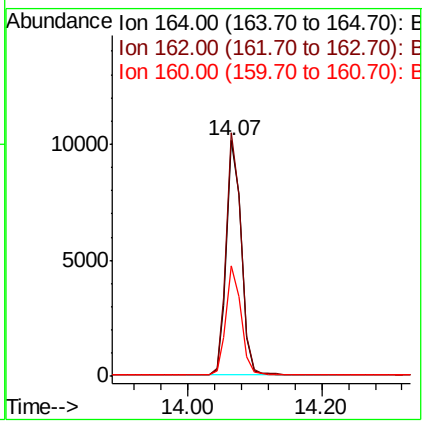


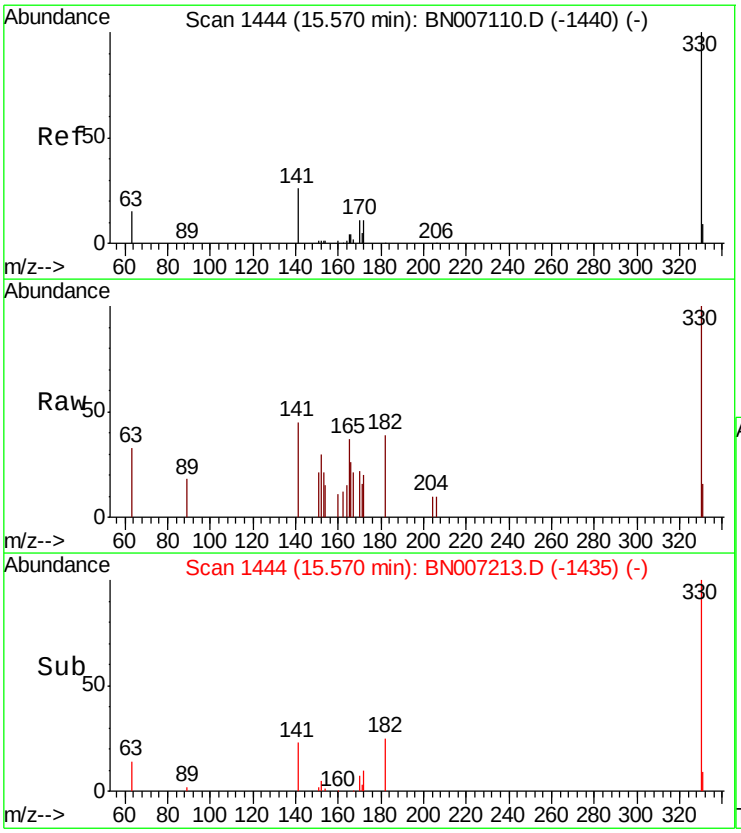
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15440

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	46.8	38.3	57.5

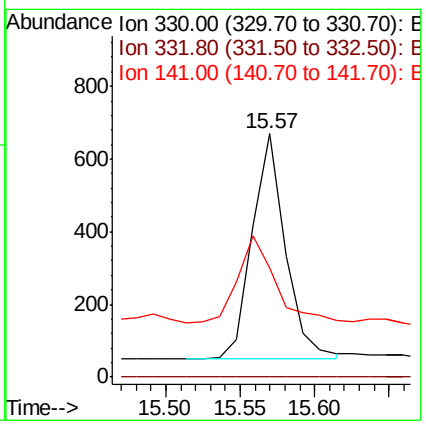


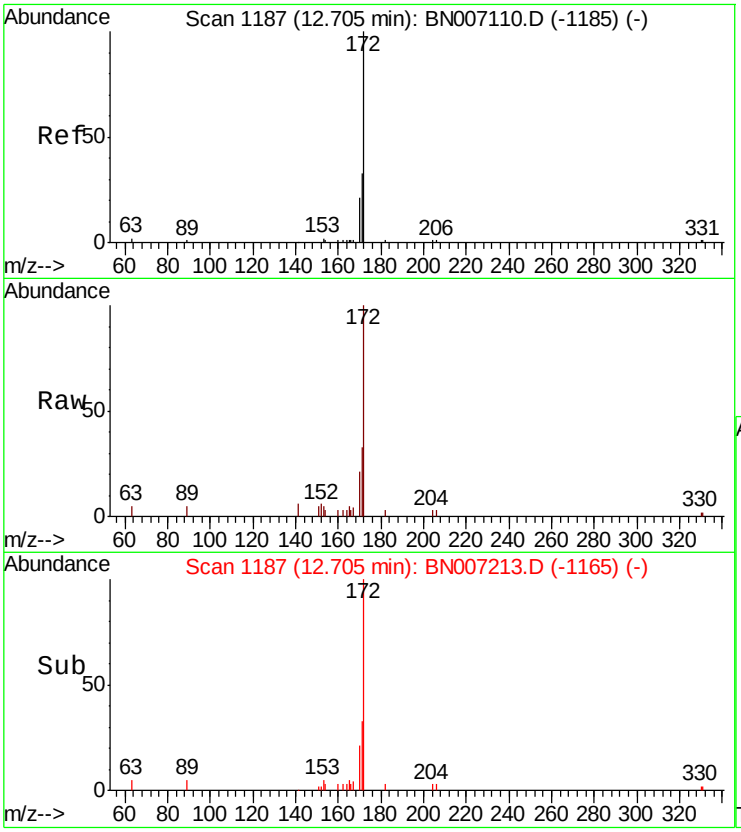


#13
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:330 Resp: 968

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	33.6	50.4



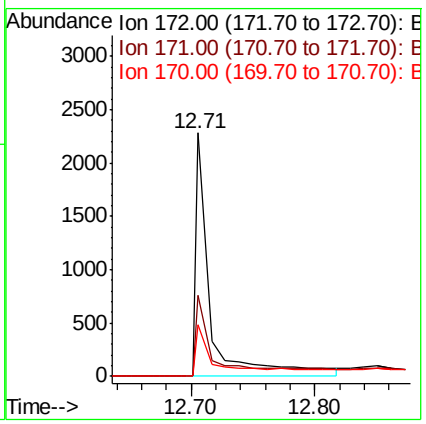


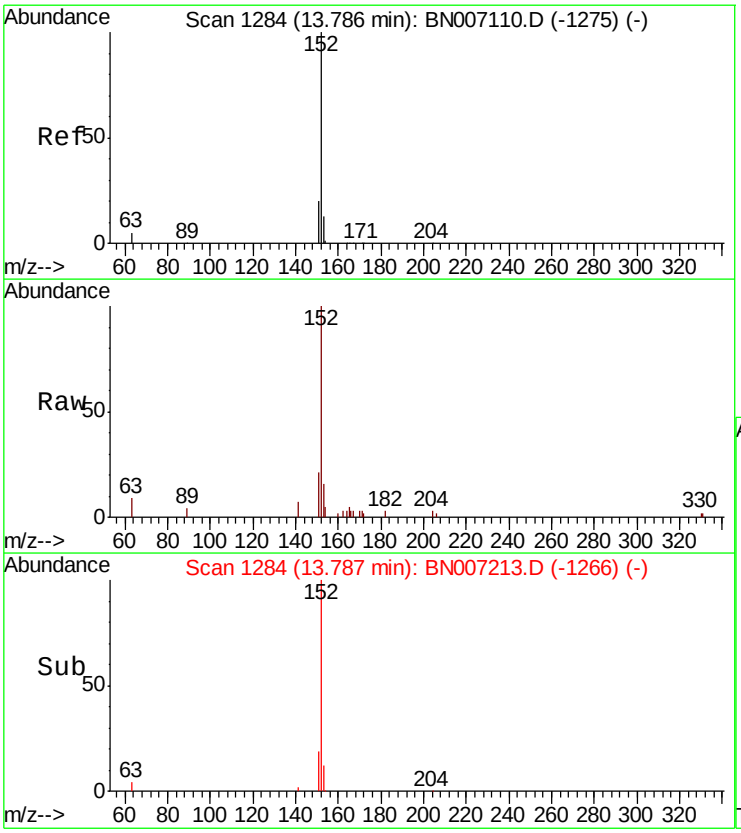
#14
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2132

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.3	39.5
170	21.1	17.0	25.4

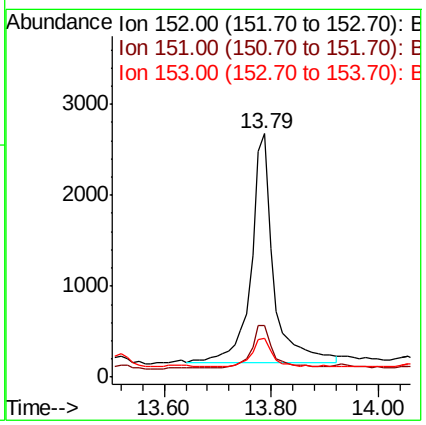


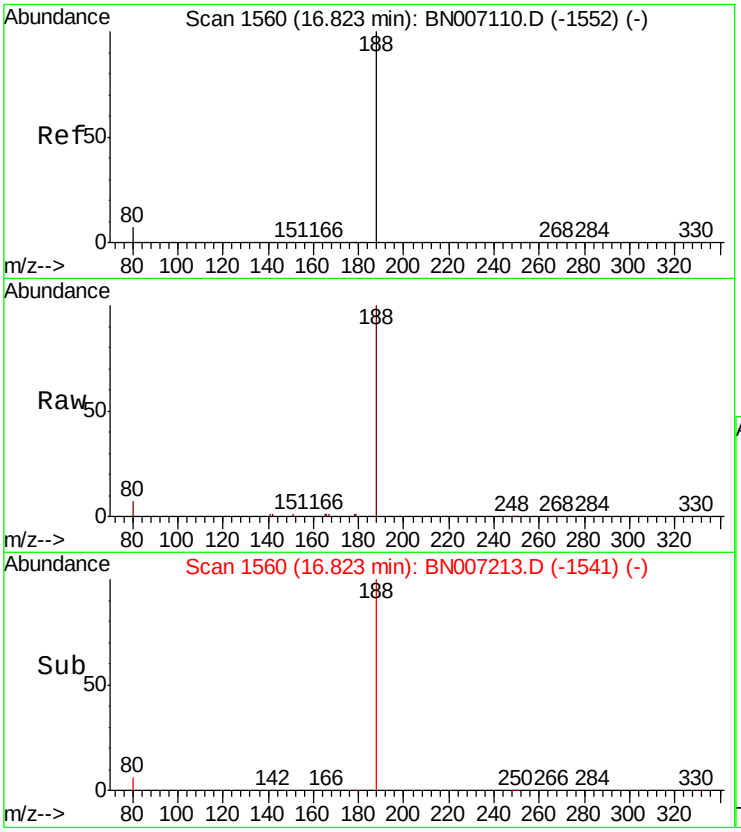


#15
Acenaphthylene
Concen: 0.089 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:152 Resp: 7218

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.6
153	12.1	10.4	15.6



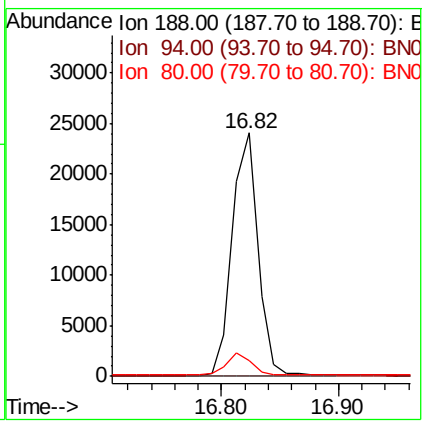


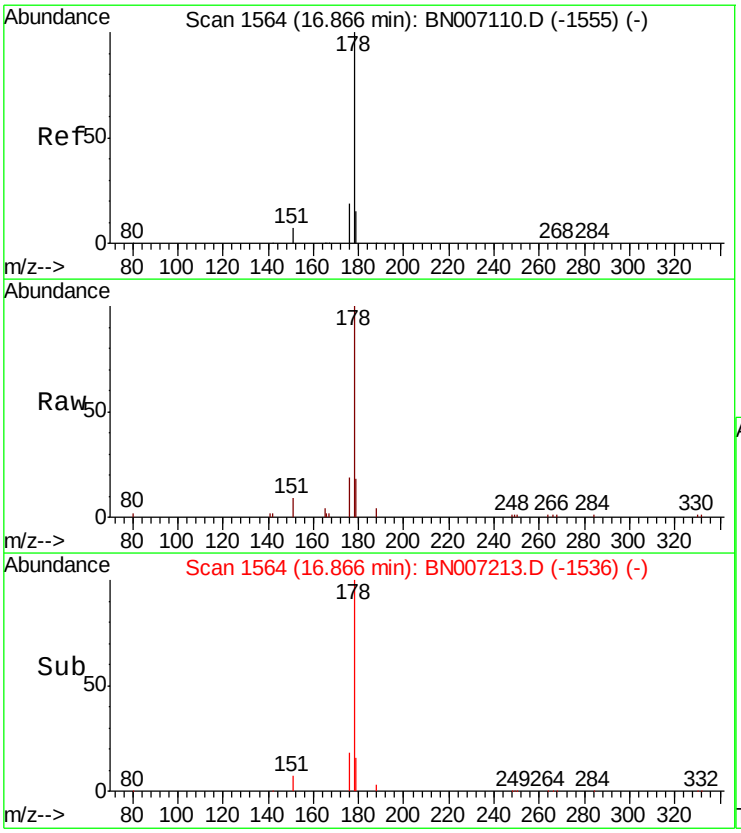
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 36360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.8	11.6#

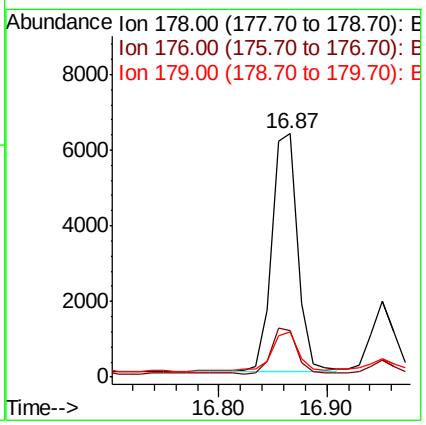


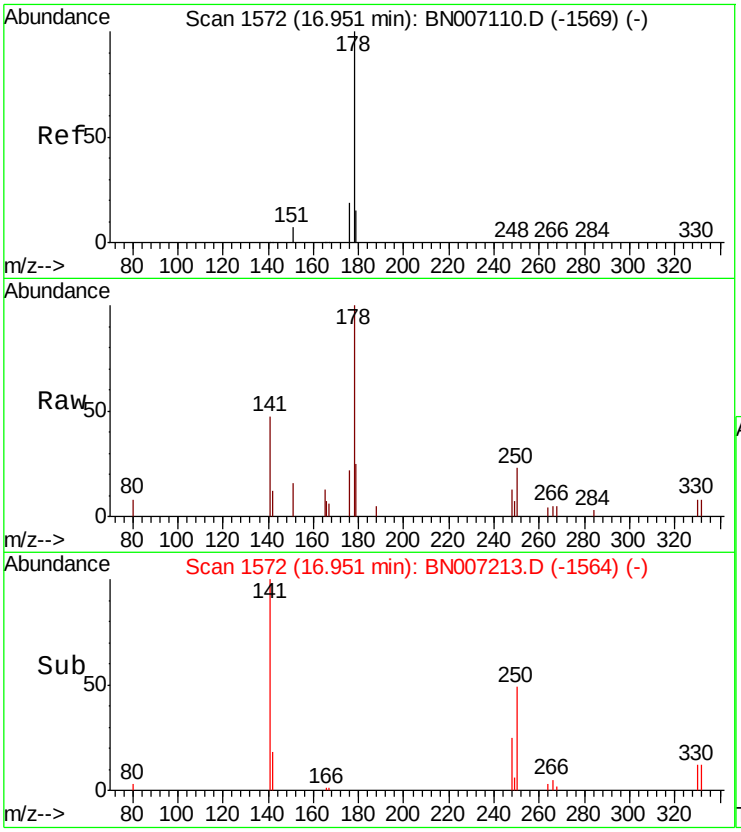


#22
Phenanthrene
Concen: 0.096 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:178 Resp: 10480

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.9	12.3	18.5



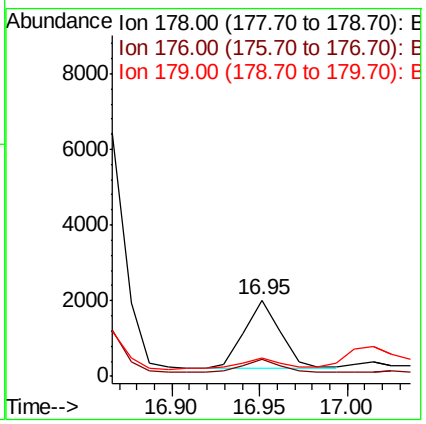


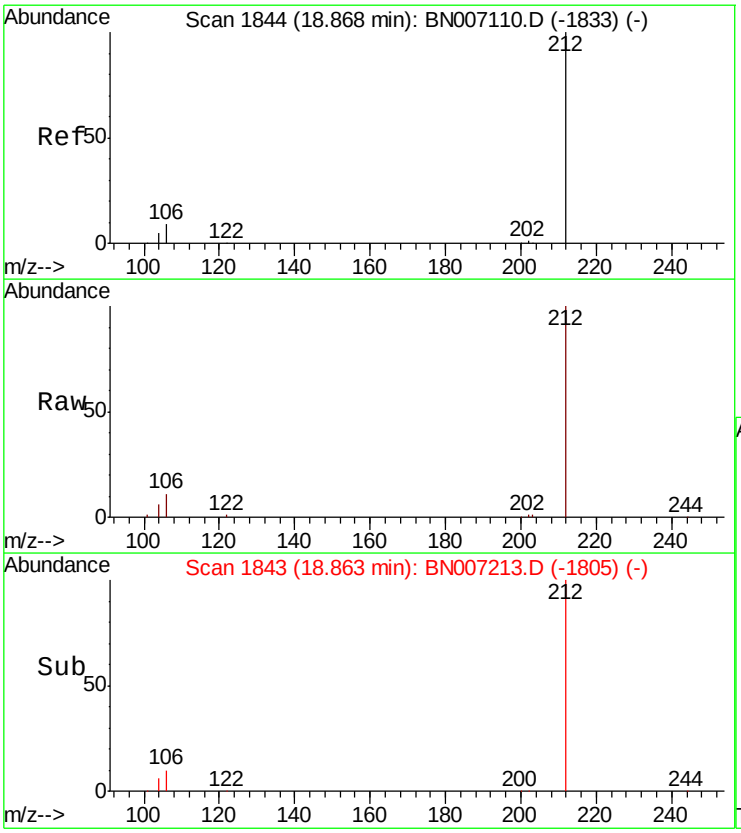
#23
Anthracene
Concen: 0.026 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2596

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	21.7	12.5	18.7#

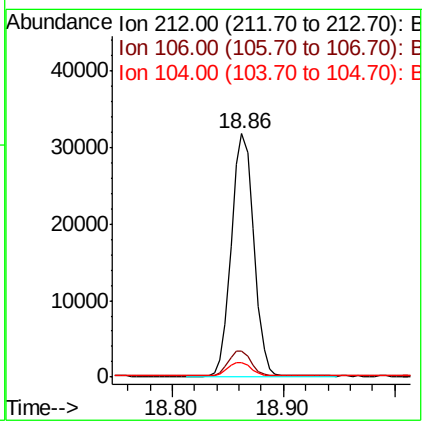


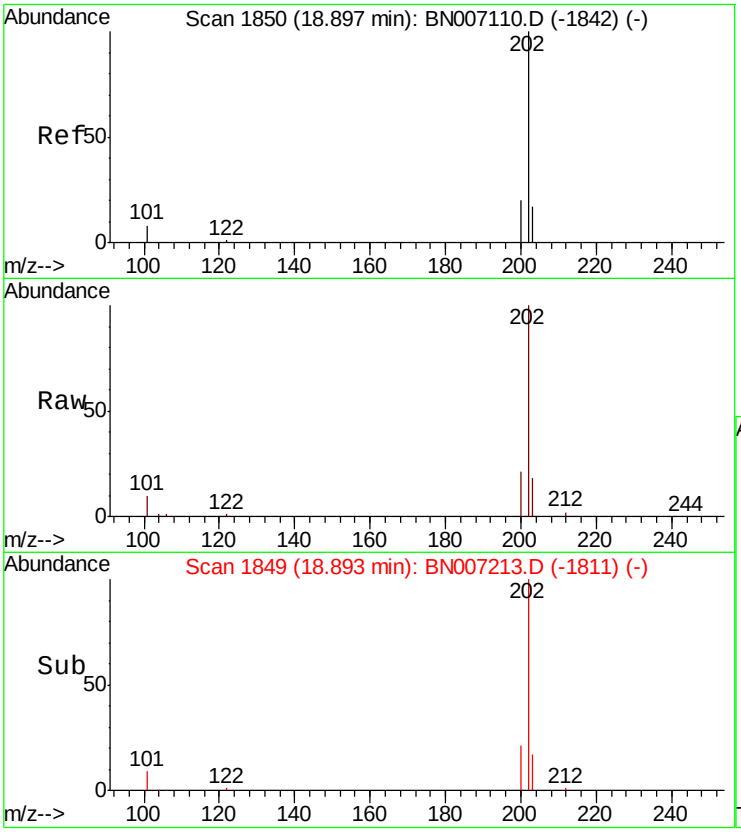


#24
Fluoranthene-d10
Concen: 0.343 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:212 Resp: 44287

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.2
104	5.9	4.5	6.7



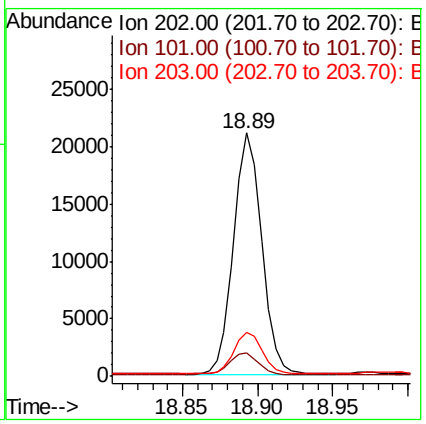


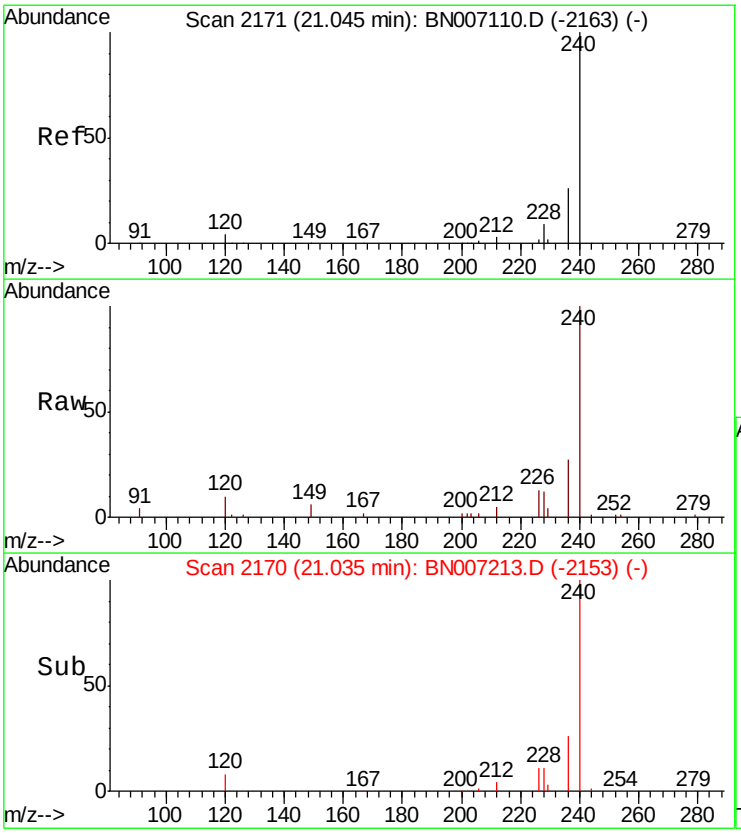
#25
Fluoranthene
Concen: 0.195 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 27188

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.4
203	17.6	13.8	20.8

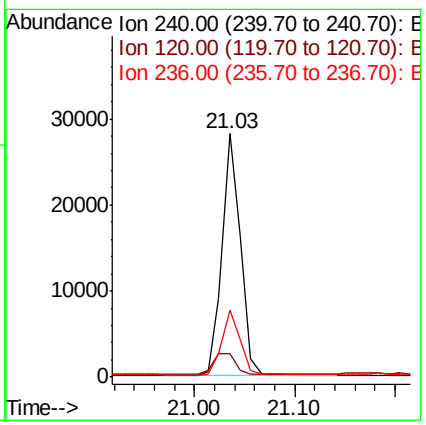


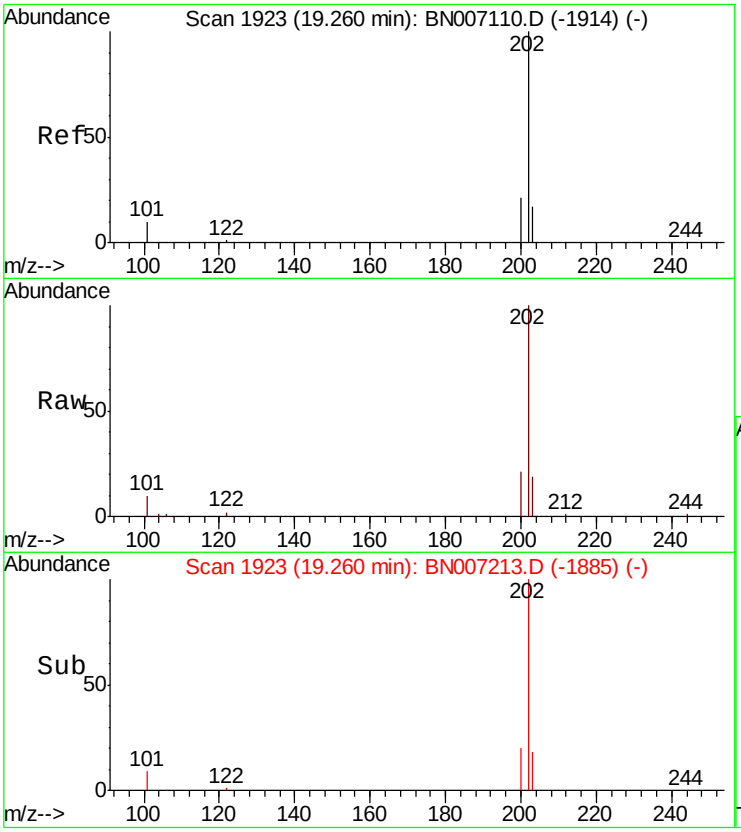


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:240 Resp: 35708

Ion	Ratio	Lower	Upper
240	100		
120	9.7	4.0	6.0#
236	27.4	21.3	31.9



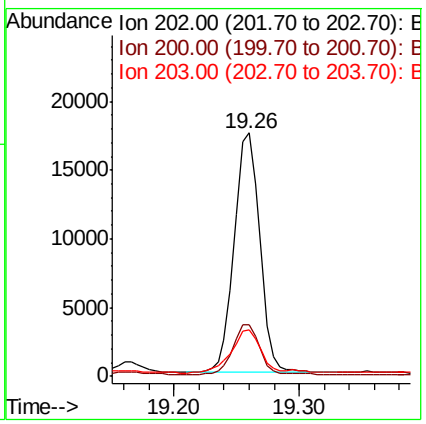


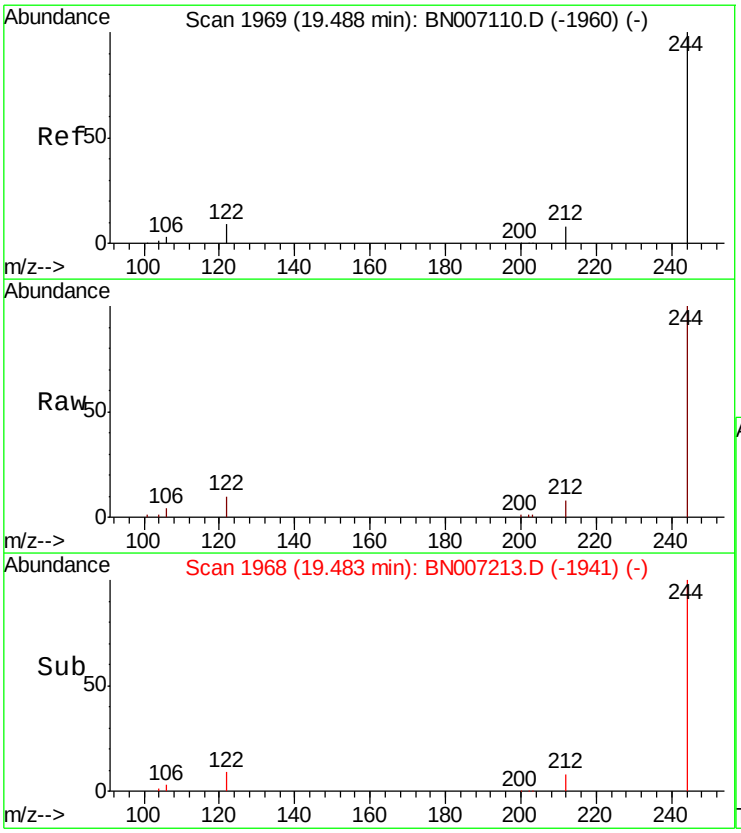
#27
Pyrene
Concen: 0.197 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 24624

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	21.6	14.0	21.0#

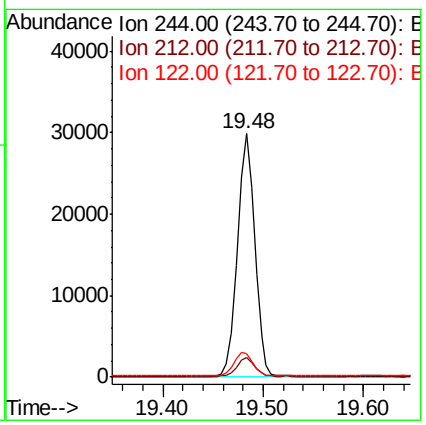


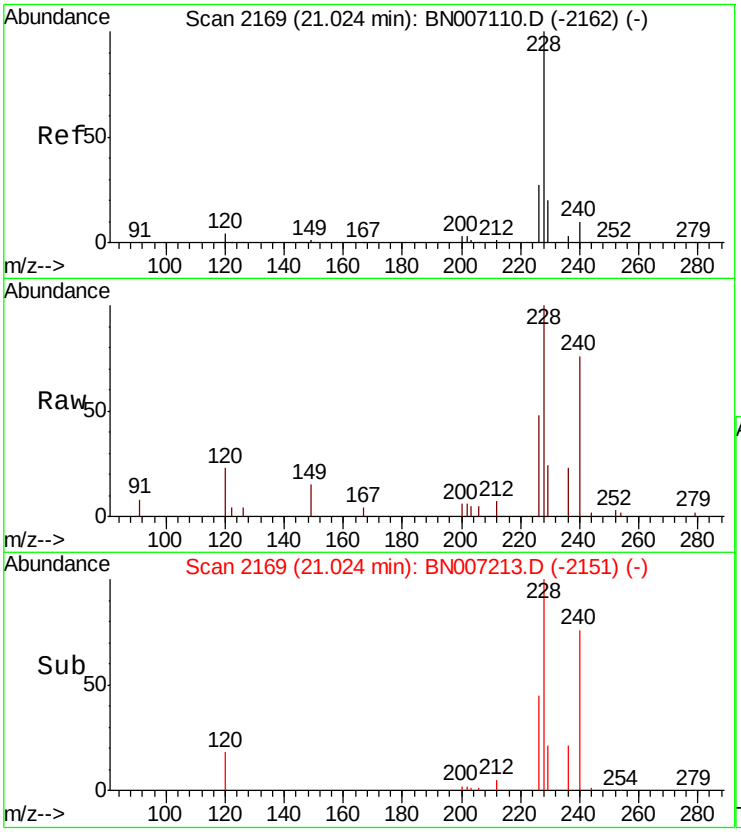


#28
Terphenyl-d14
Concen: 0.361 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:244 Resp: 35123

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	9.6	7.4	11.2



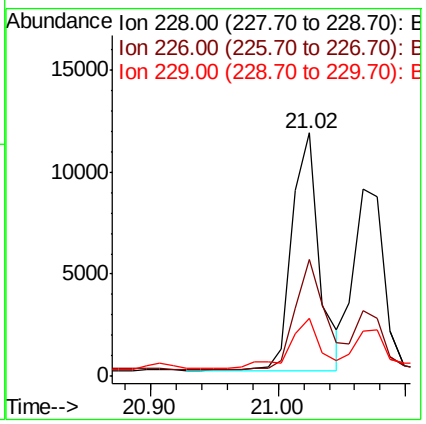


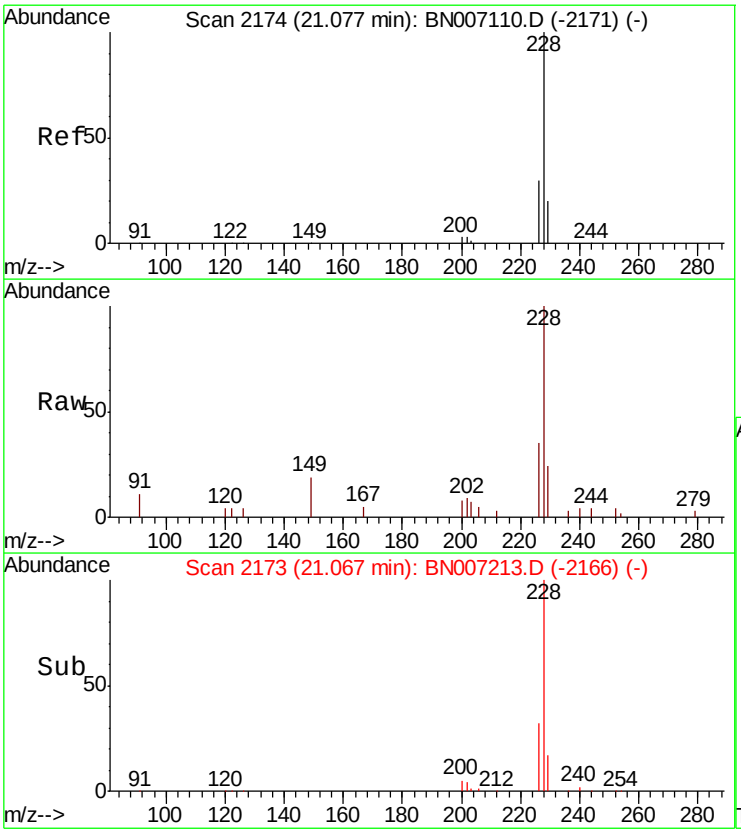
#29
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17355

Ion	Ratio	Lower	Upper
228	100		
226	47.9	21.8	32.6#
229	23.7	15.6	23.4#

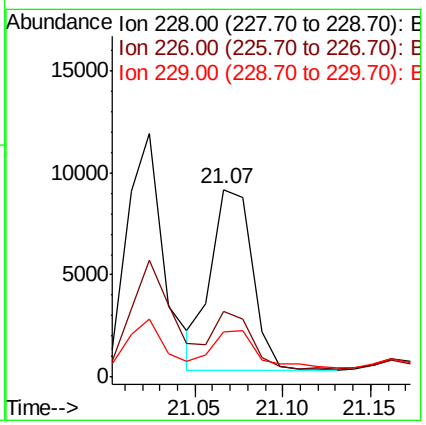


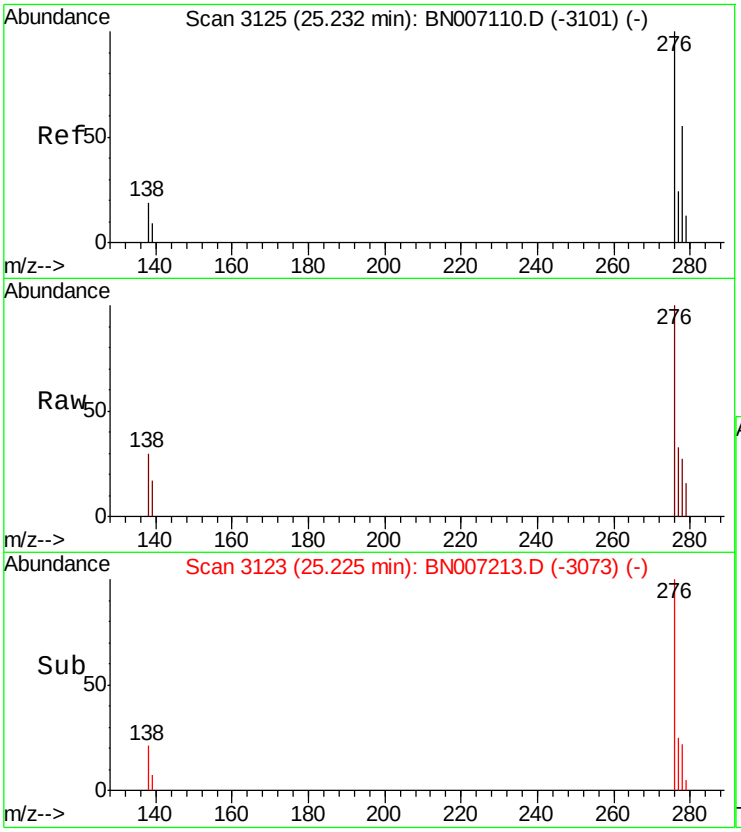


#30
Chrysene
Concen: 0.113 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:228 Resp: 14351

Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.8	35.6
229	24.1	15.7	23.5#



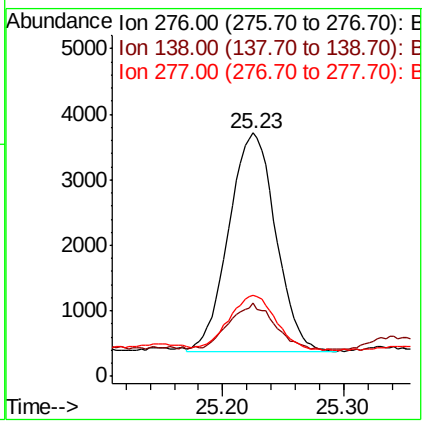


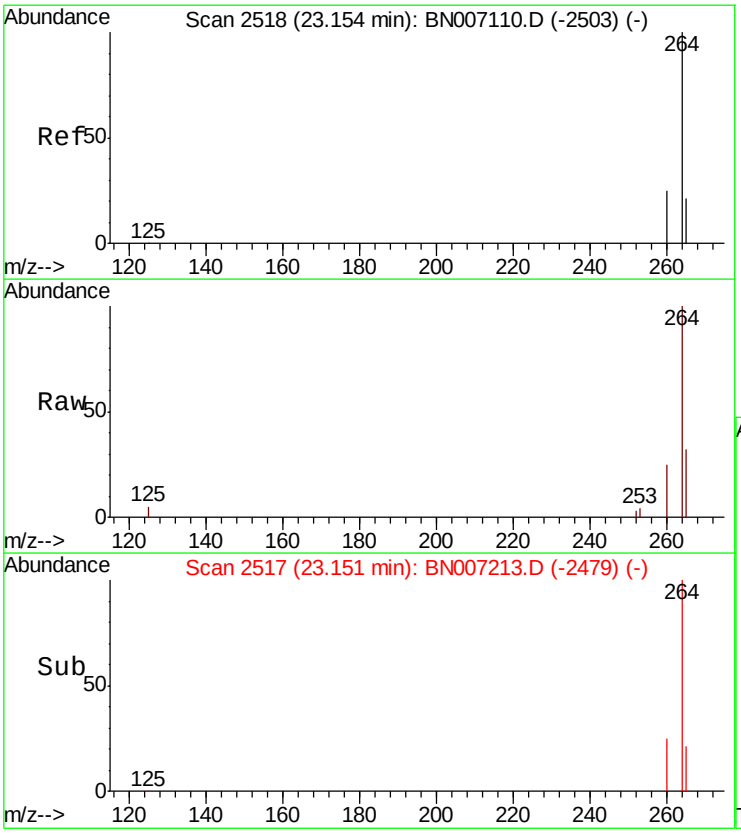
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng
RT: 25.23 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8997

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.0	24.0
277	25.9	19.9	29.9

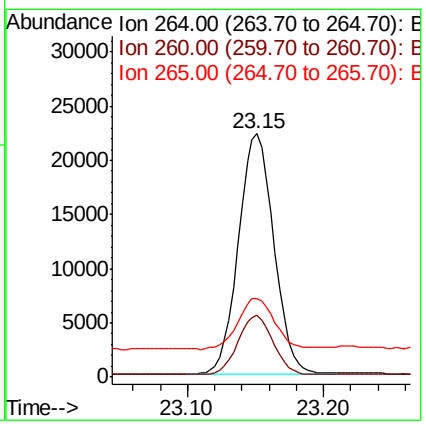


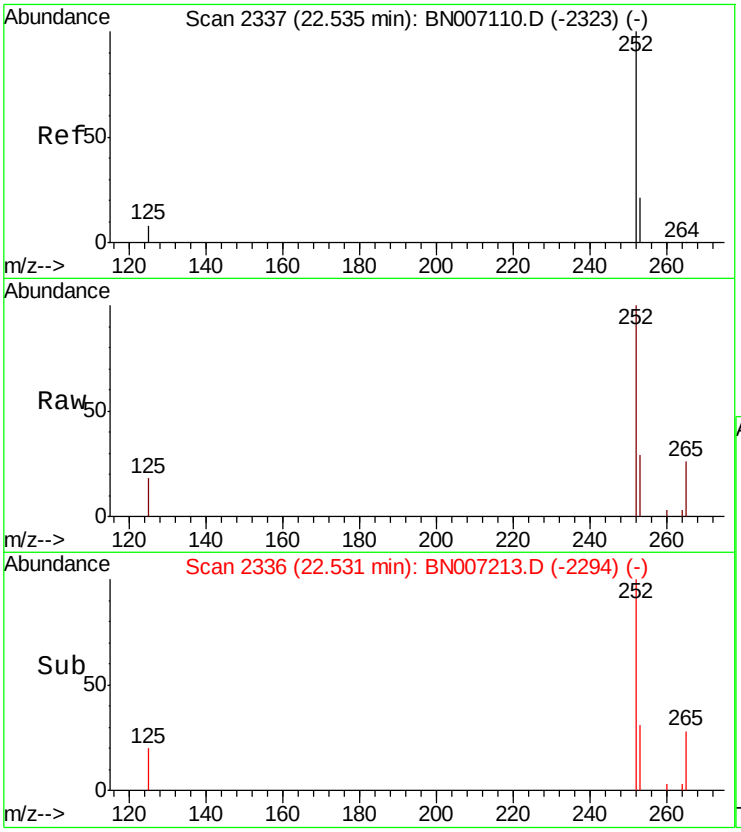


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:264 Resp: 40030

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	32.4	26.2	39.4



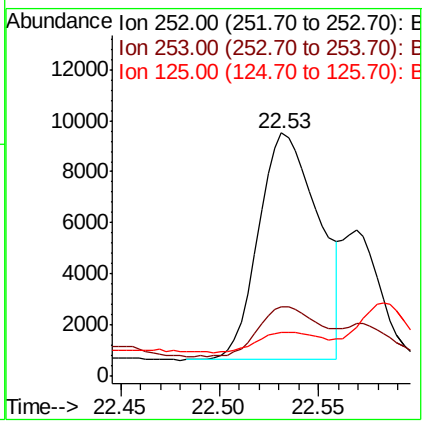


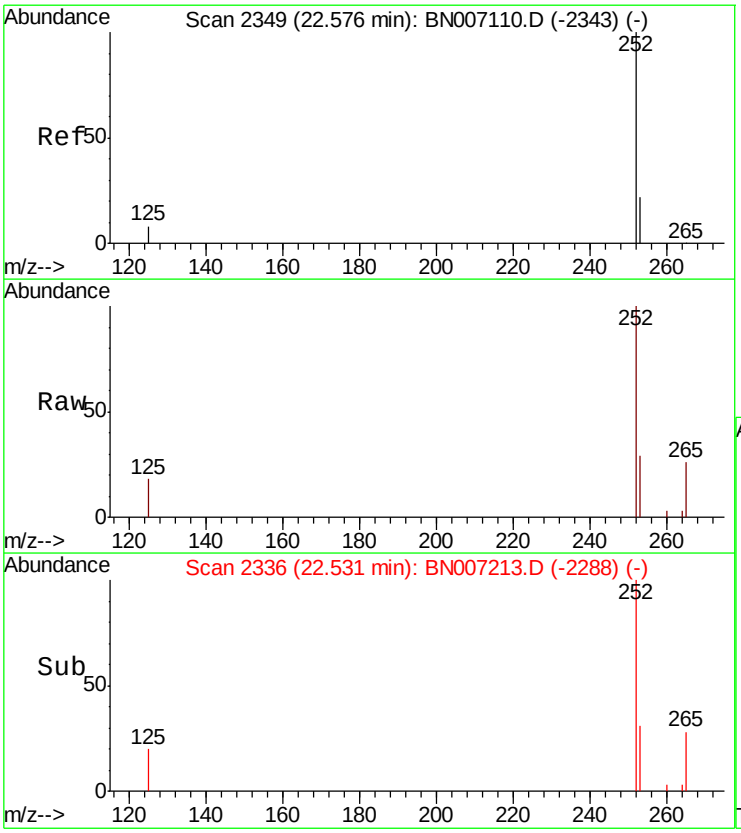
#33
Benzo(b)fluoranthene
Concen: 0.136 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18713

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.2	27.2#
125	18.2	7.4	11.0#

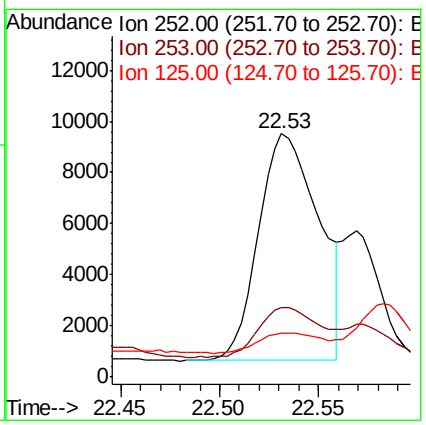


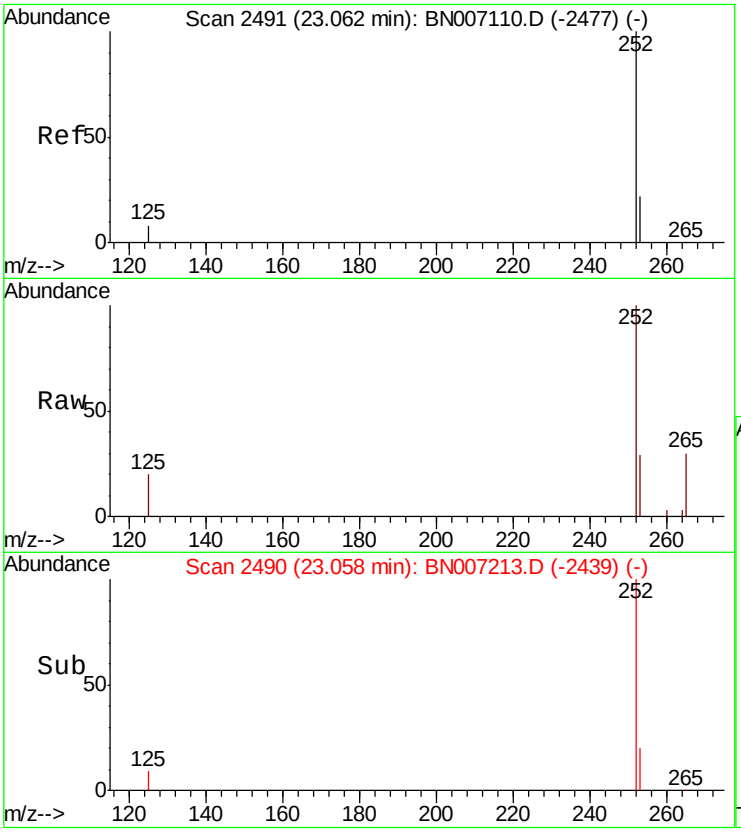


#34
Benzo(k)fluoranthene
Concen: 0.138 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.06 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:252 Resp: 18713

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.1	27.1#
125	18.2	7.4	11.0#



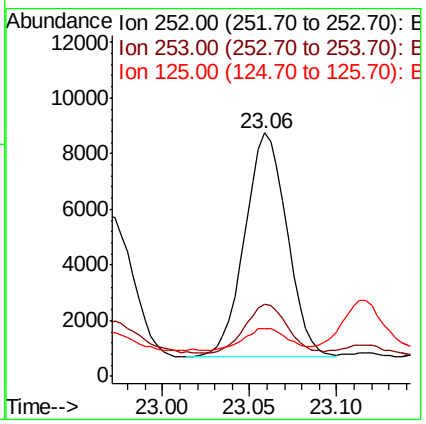


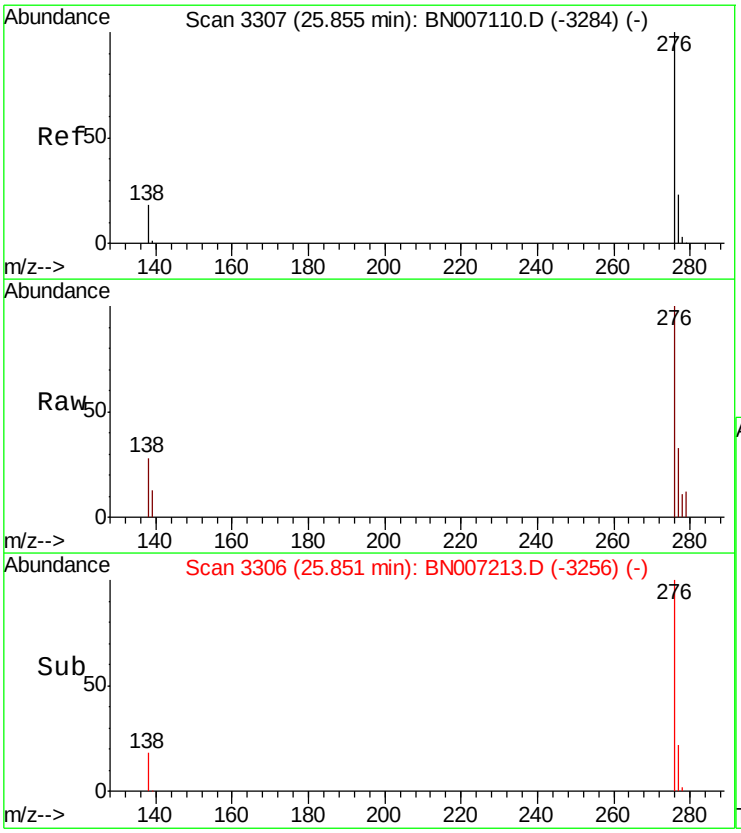
#35
Benzo(a)pyrene
Concen: 0.109 ng
RT: 23.06 min Scan# 2490
Delta R.T. -0.02 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13614

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.5	27.7#
125	19.7	8.2	12.4#





#37
Benzo(g,h,i)perylene
Concen: 0.066 ng
RT: 25.85 min Scan# 3306
Delta R.T. -0.03 min
Lab File: BN007213.D
Acq: 16 Aug 2019 01:10

Tgt Ion:276 Resp: 8400

Ion	Ratio	Lower	Upper
276	100		
277	32.8	19.8	29.8#
138	28.4	14.6	22.0#