Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007216.D
Acq On : 16 Aug 2019 02:57
Operator : HP/JU
Sample : K4282-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 07:08:29 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	6923	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	26457	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15020	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	35352	0.40	ng		0.00
26) Chrysene-d12	21.03	240	34809	0.40	ng		-0.02
32) Perylene-d12	23.15	264	38600	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	4963	0.30	ng		0.00
4) Phenol-d6	6.61	99	6521	0.32	ng		0.00
7) Nitrobenzene-d5	8.55	82	4720	0.22	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	10617	0.22	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	1391	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1267	0.06	ng		0.00
24) Fluoranthene-d10	18.86	212	23285	0.19	ng		-0.01
28) Terphenyl-d14	19.48	244	16813	0.18	ng		-0.02
Target Compounds							Qvalue
15) Acenaphthylene	13.79	152	5054	0.064	ng		98
22) Phenanthrene	16.86	178	5487	0.052	ng		96
25) Fluoranthene	18.89	202	12220	0.090	ng		99
27) Pyrene	19.26	202	13037	0.107	ng	#	94
29) Benzo(a)anthracene	21.02	228	7765	0.061	ng	#	49
30) Chrysene	21.07	228	8023	0.065	ng	#	87
31) Indeno(1,2,3-cd)pyrene	25.22	276	5882	0.043	ng		99
33) Benzo(b)fluoranthene	22.53	252	10635	0.080	ng	#	73
34) Benzo(k)fluoranthene	22.53	252	10635	0.081	ng	#	73
35) Benzo(a)pyrene	23.06	252	7545	0.063	ng	#	70
37) Benzo(g,h,i)perylene	25.85	276	7519	0.061	ng	#	80

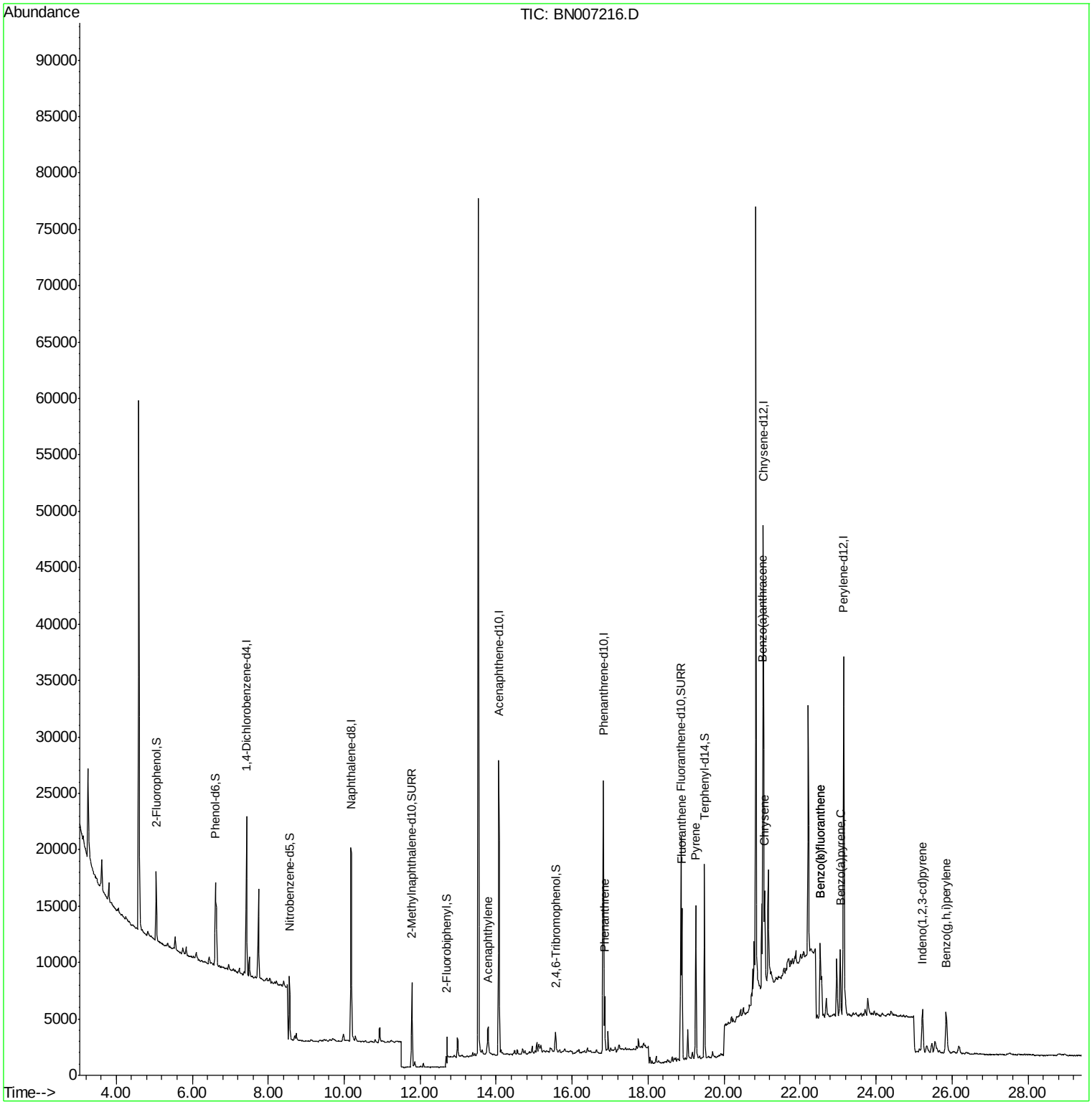
(#) = qualifier out of range (m) = manual integration (+) = signals summed

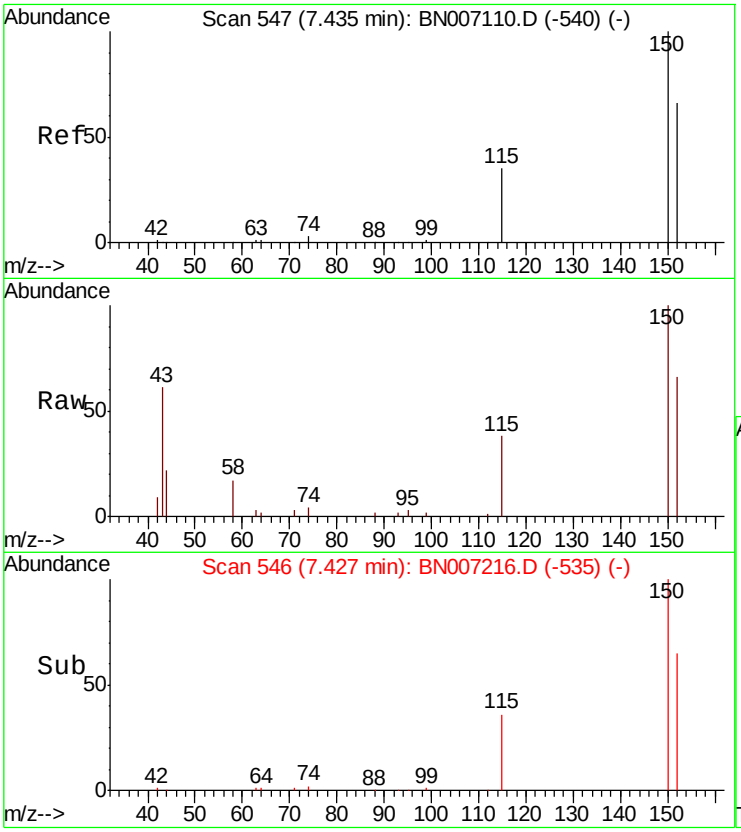
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007216.D
Acq On : 16 Aug 2019 02:57
Operator : HP/JU
Sample : K4282-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 07:08:29 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



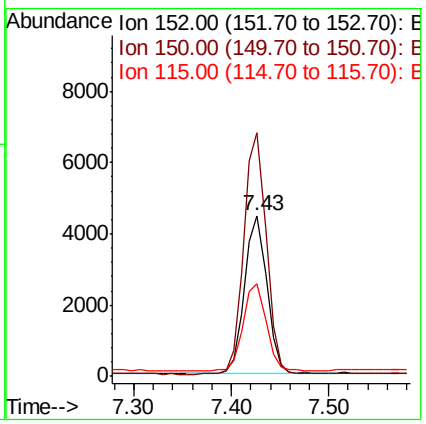


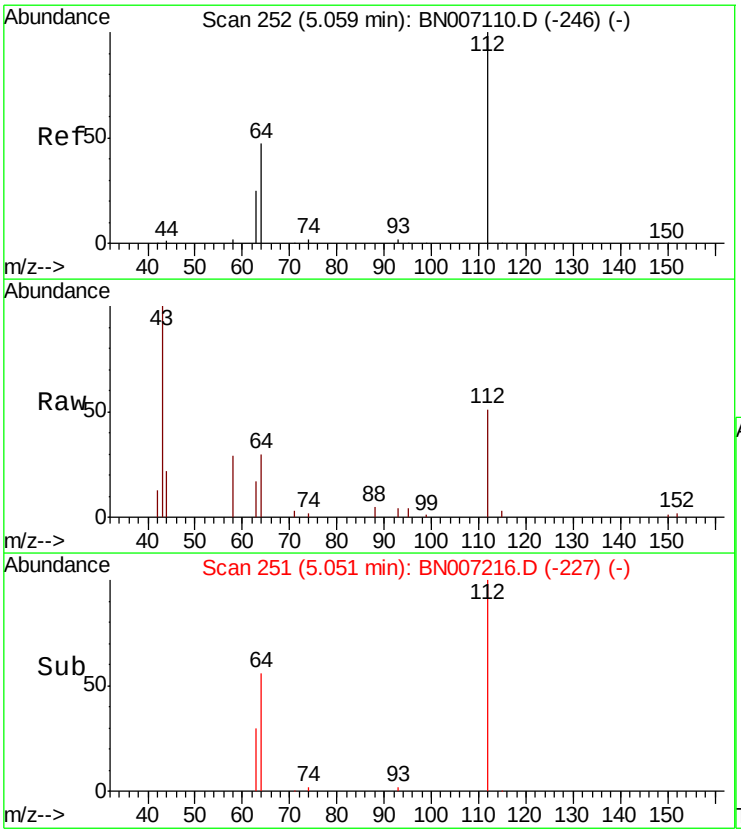
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6923

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.7	182.5
115	57.2	46.2	69.4

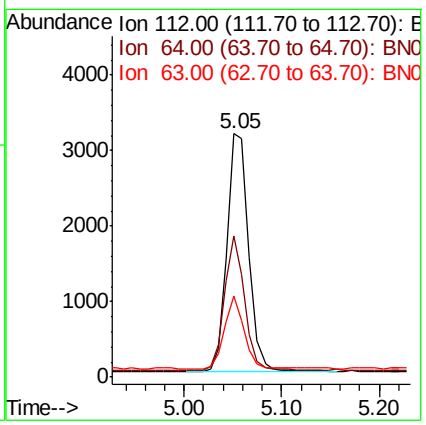


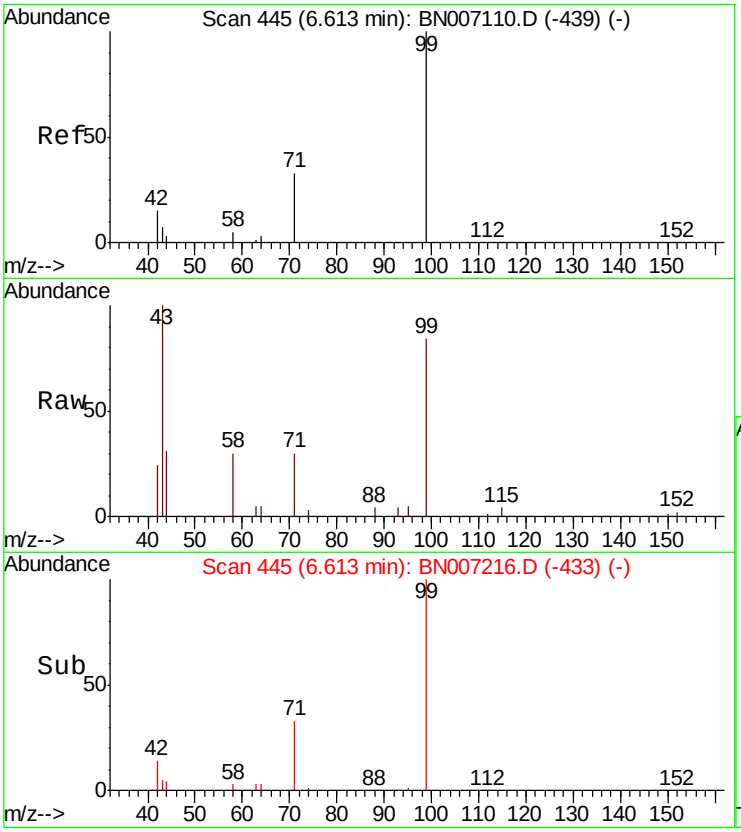


#3
2-Fluorophenol
Concen: 0.298 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:112 Resp: 4963

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	63.8
63	27.7	22.2	33.2



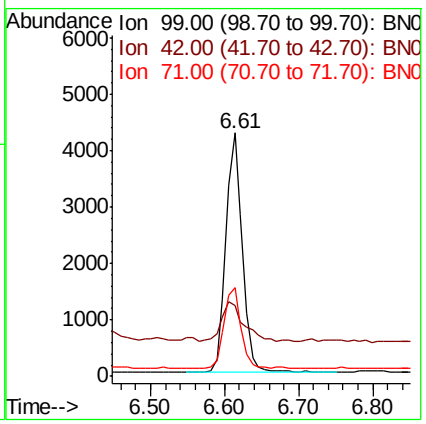


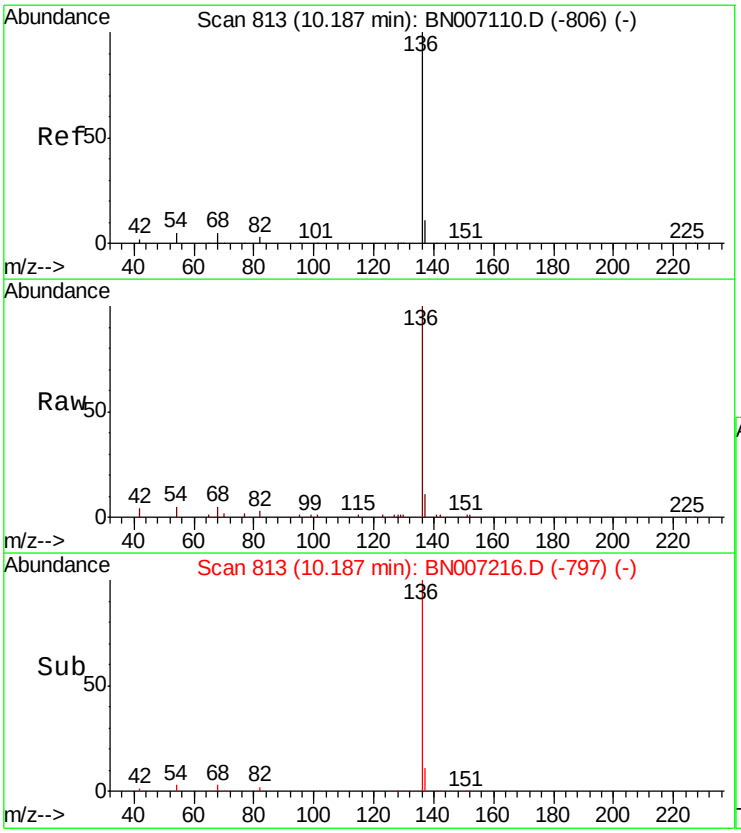
#4
Phenol-d6
Concen: 0.316 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6521

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.8	23.6
71	34.2	27.0	40.4

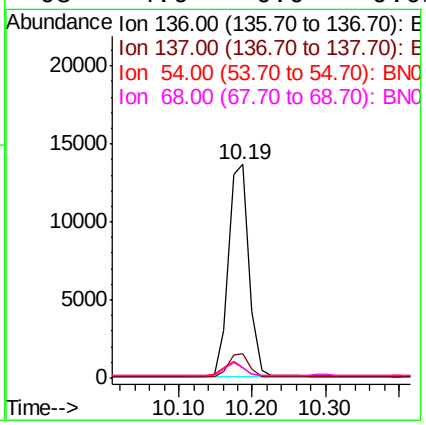


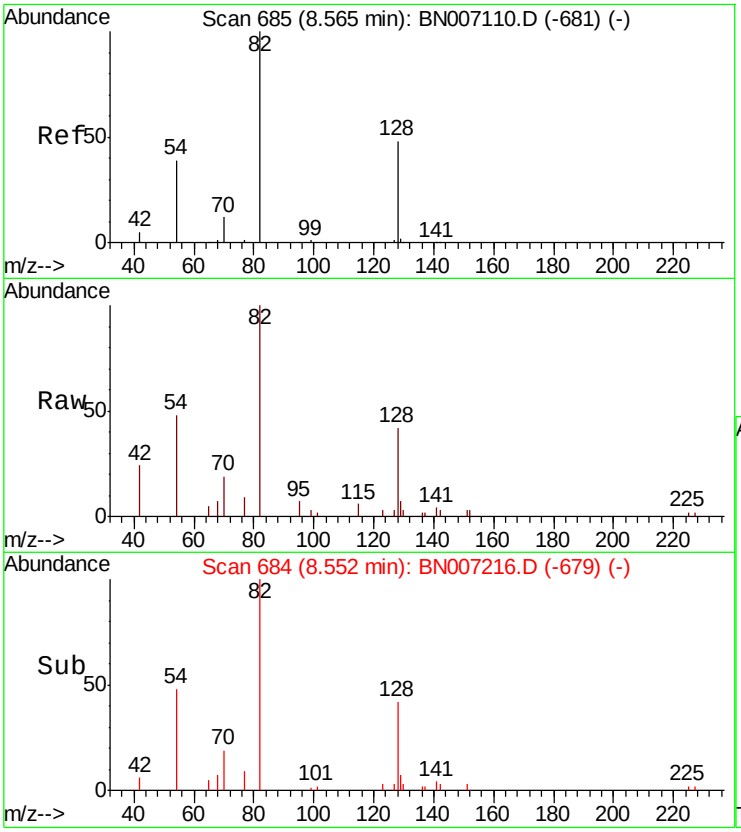


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:136 Resp: 26457

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.5	6.6	9.8#
68	4.6	6.0	9.0#



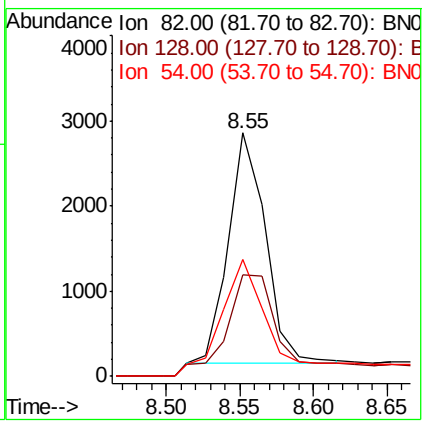


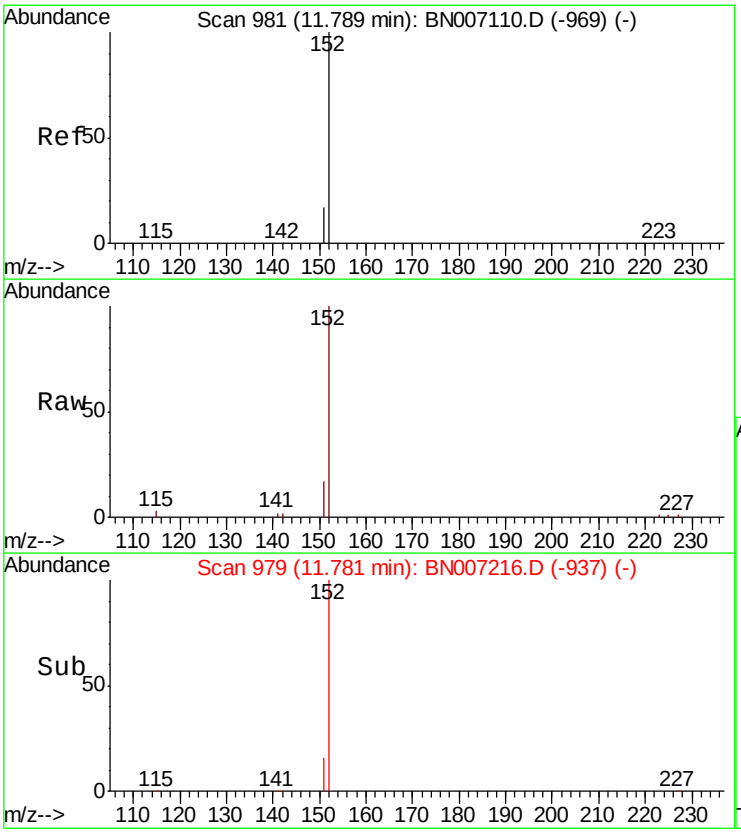
#7
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4720

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	48.2	36.2	54.4

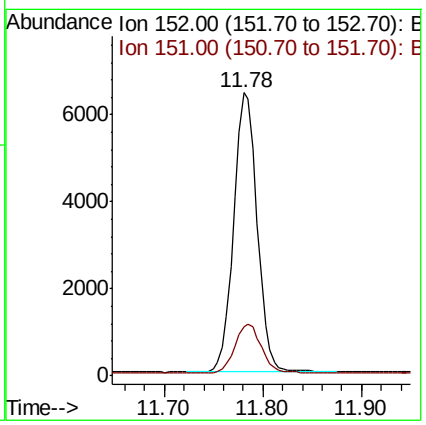


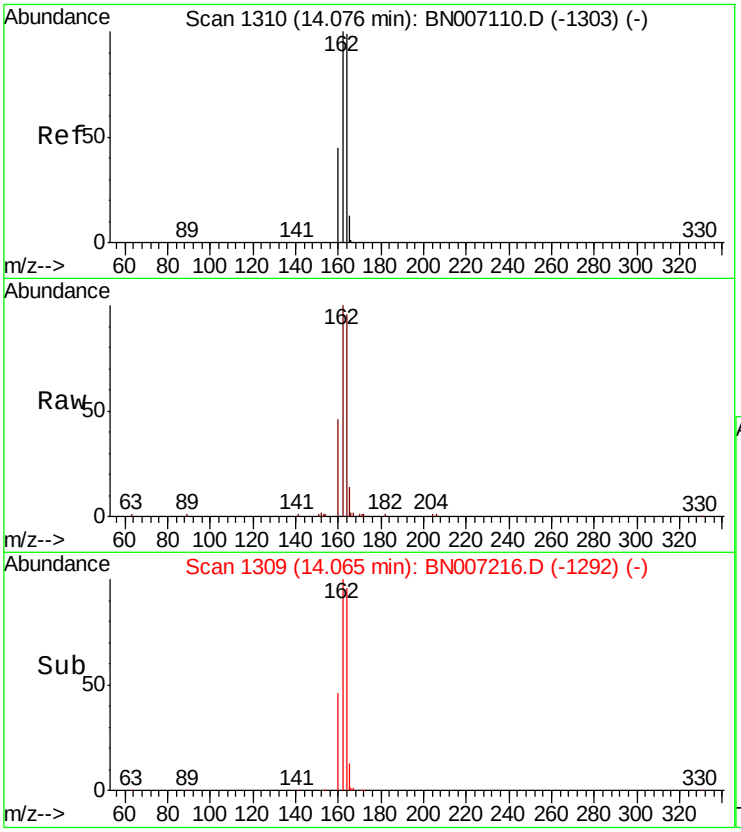


#10
2-Methylnaphthalene-d10
Concen: 0.215 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:152 Resp: 10617

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



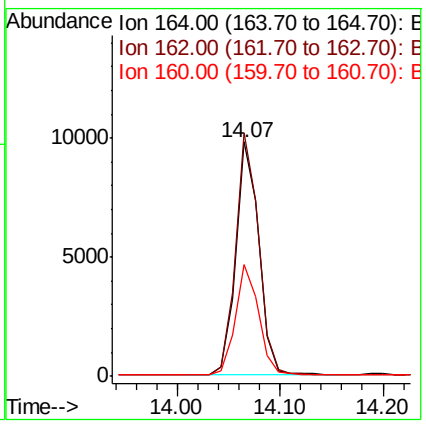


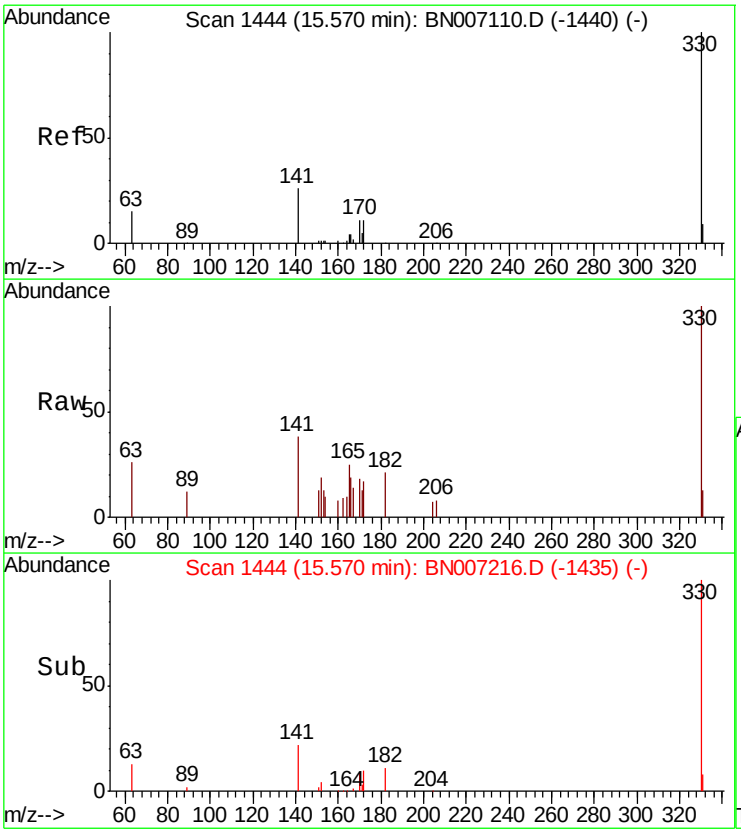
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15020

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	47.7	38.3	57.5

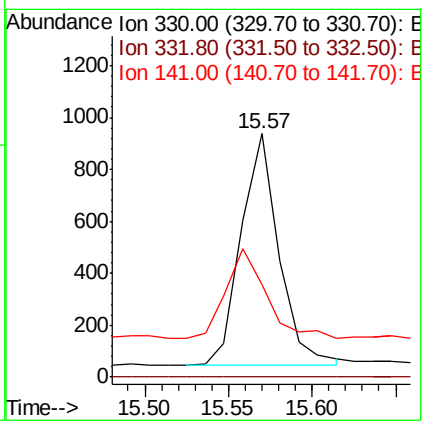


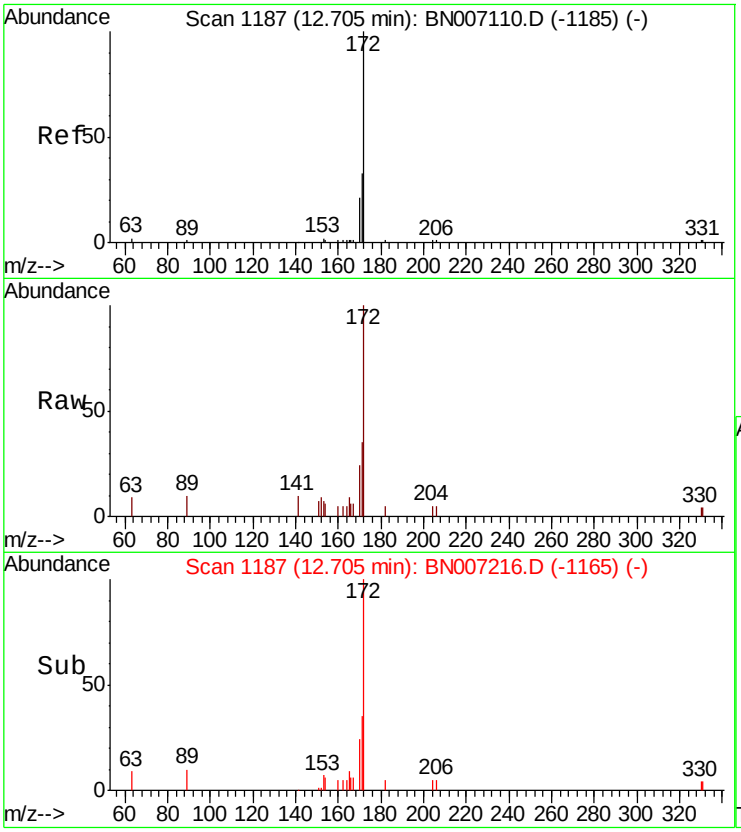


#13
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:330 Resp: 1391

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	33.6	50.4



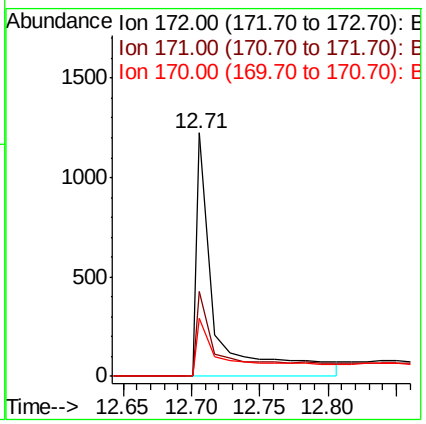


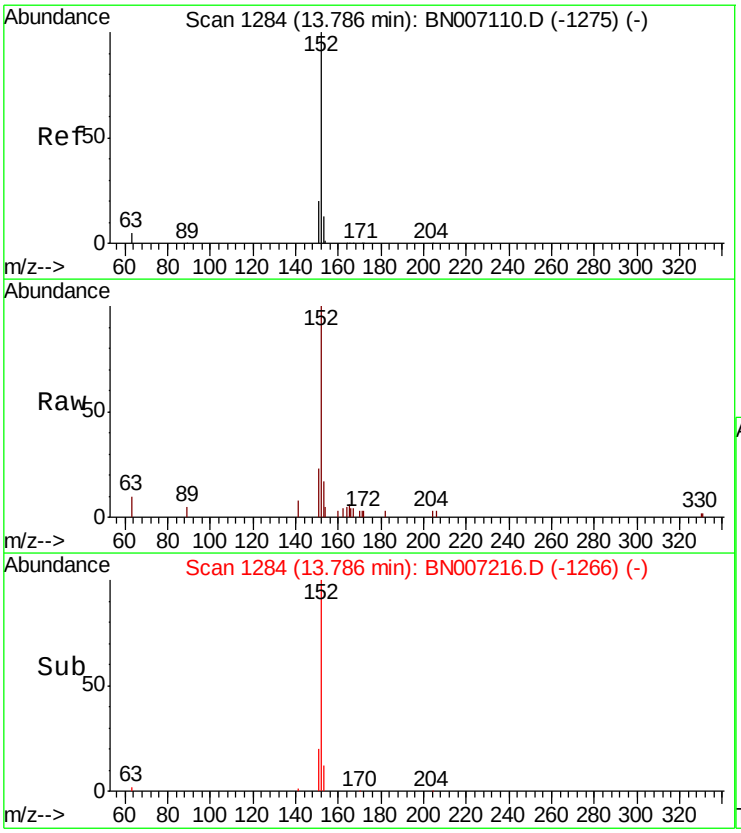
#14
2-Fluorobiphenyl
Concen: 0.058 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1267

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.3	39.5
170	23.8	17.0	25.4

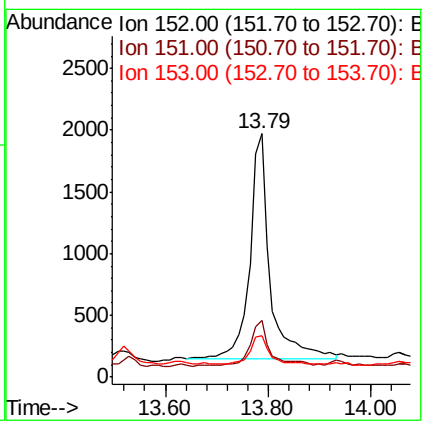


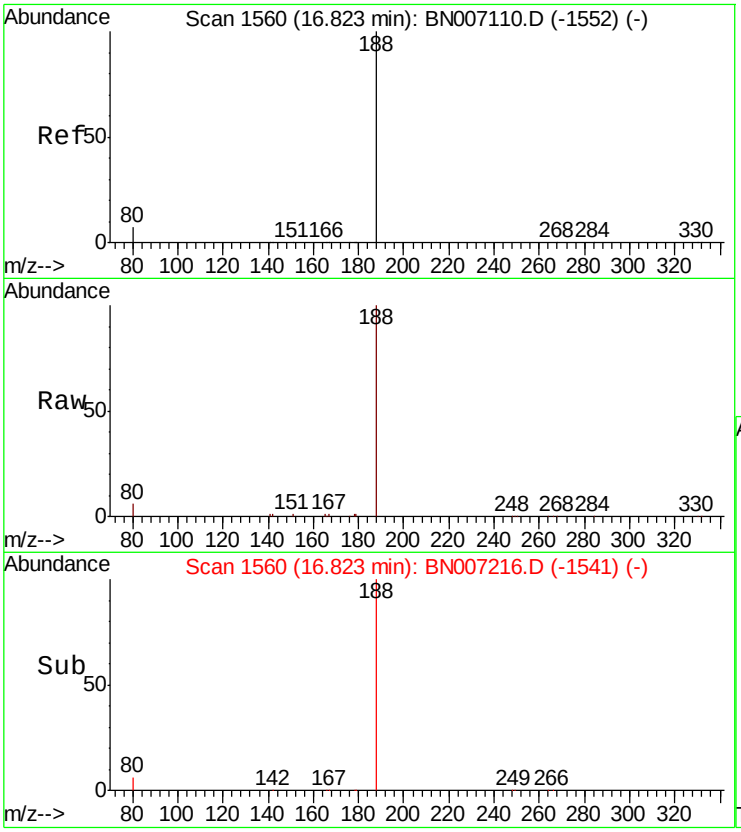


#15
Acenaphthylene
Concen: 0.064 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:152 Resp: 5054

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	11.3	10.4	15.6



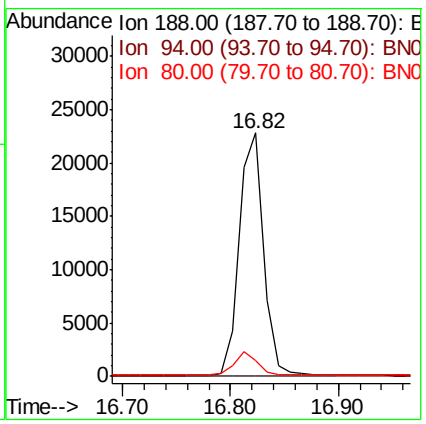


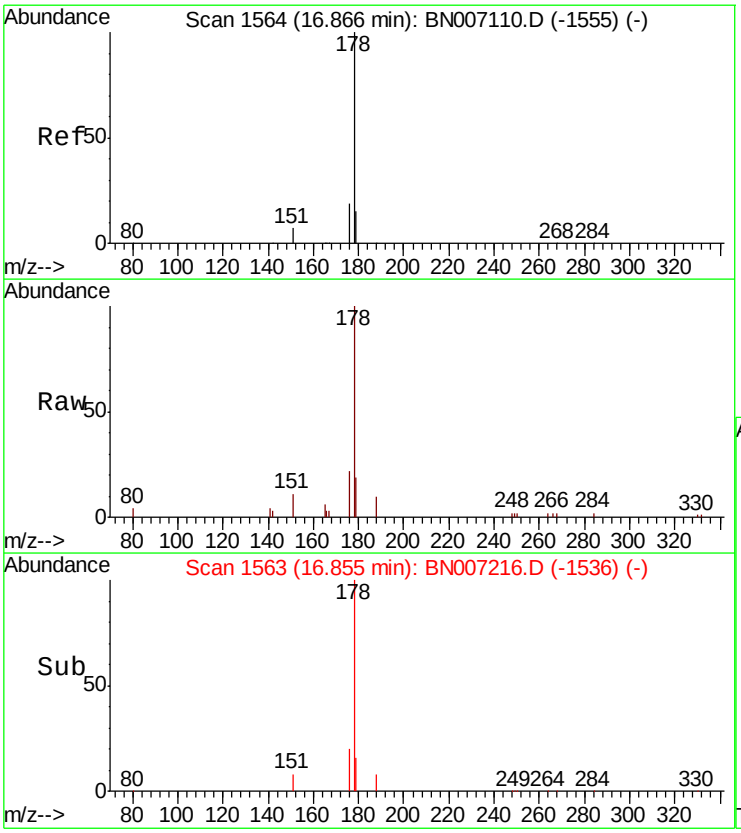
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 35352

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	7.8	11.6#

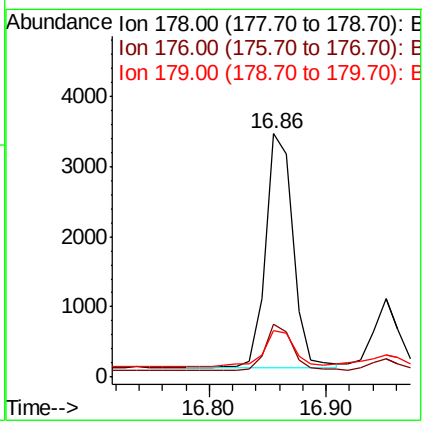


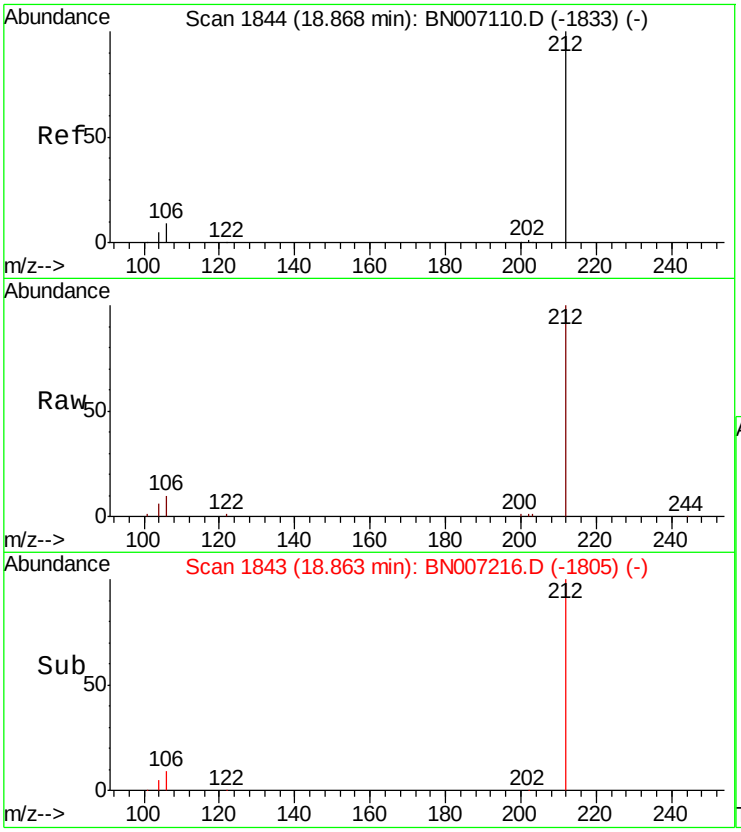


#22
Phenanthrene
Concen: 0.052 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:178 Resp: 5487

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.2	22.8
179	17.4	12.3	18.5



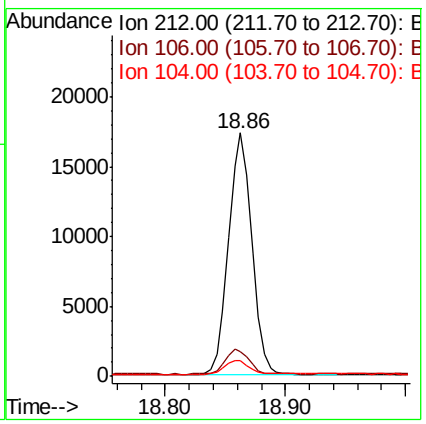


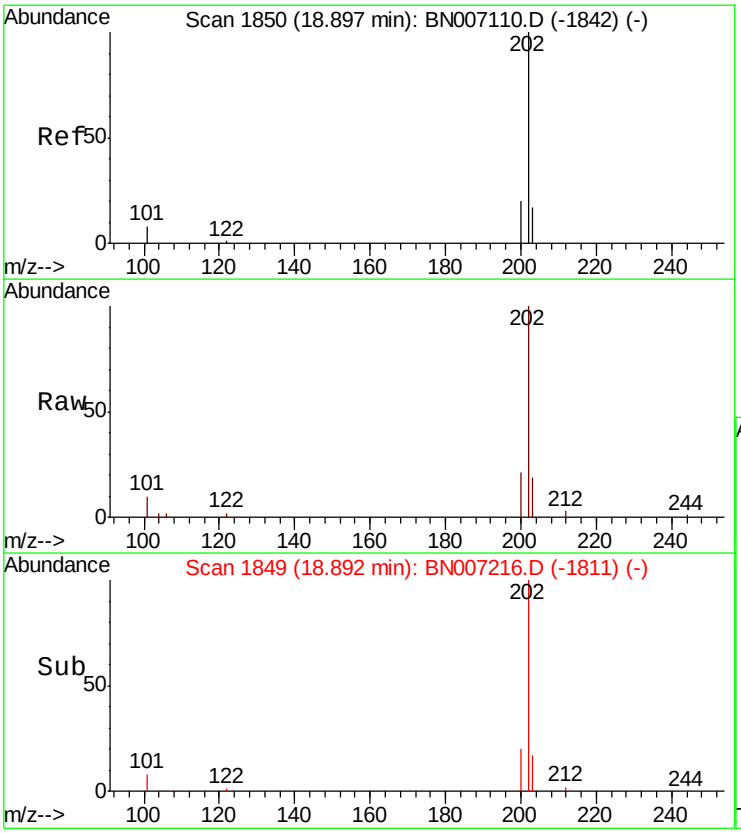
#24
Fluoranthene-d10
Concen: 0.186 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 23285

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	6.2	4.5	6.7

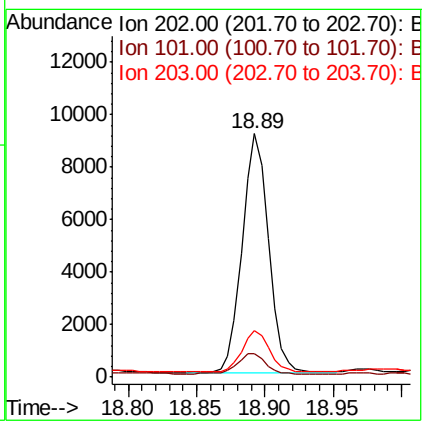


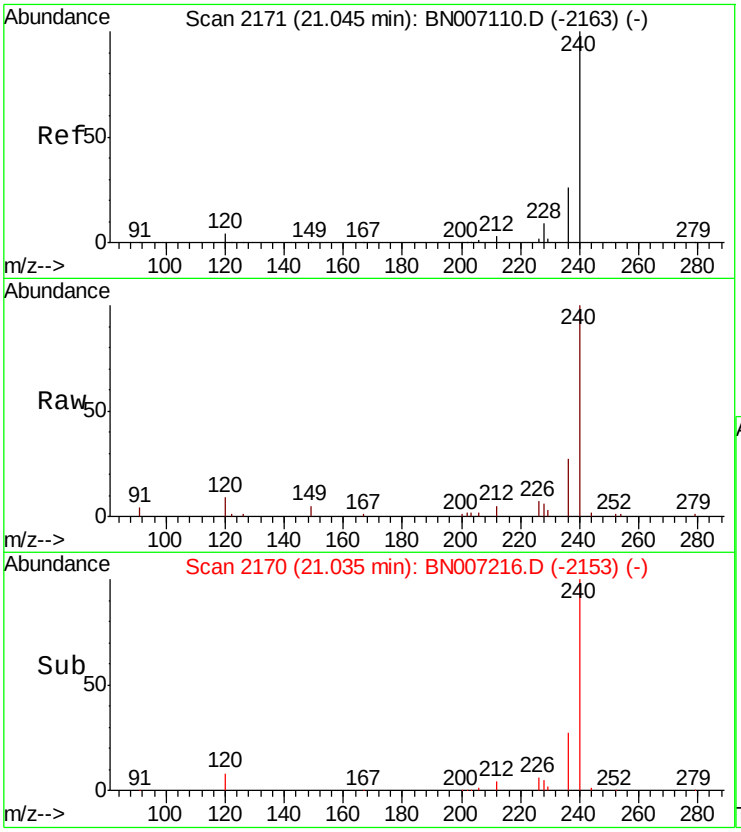


#25
Fluoranthene
Concen: 0.090 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:202 Resp: 12220

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	17.8	13.8	20.8



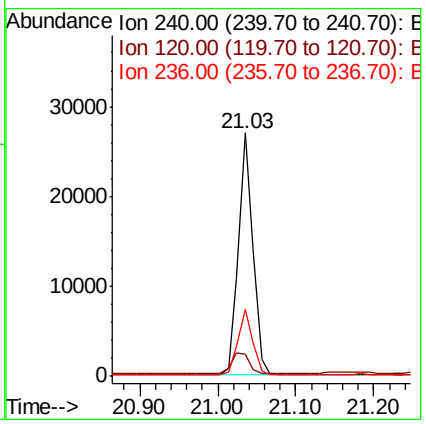


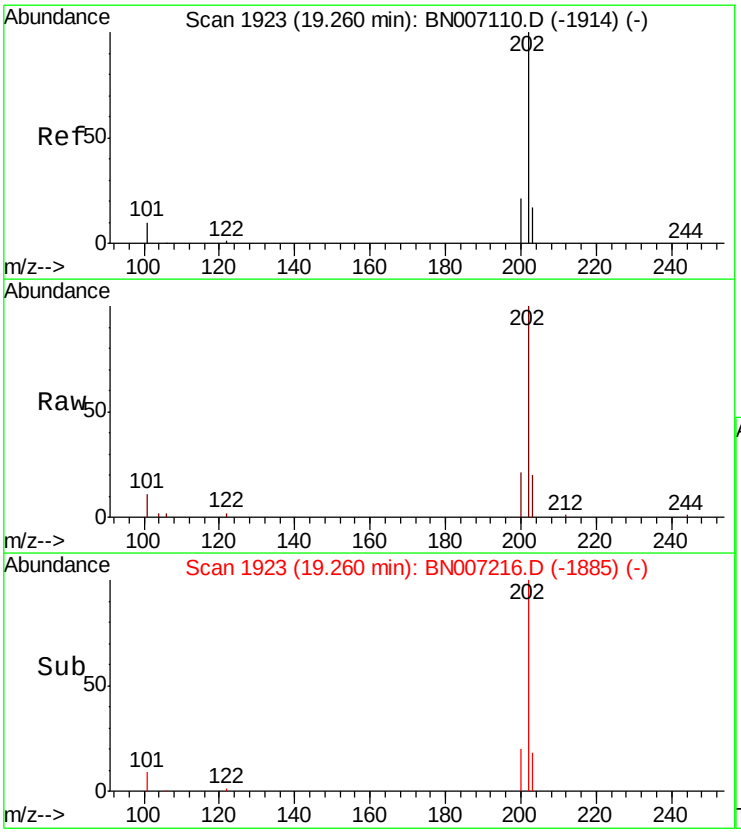
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 34809

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.0	6.0#
236	27.3	21.3	31.9

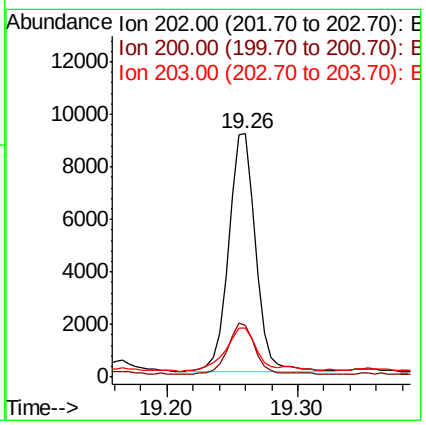


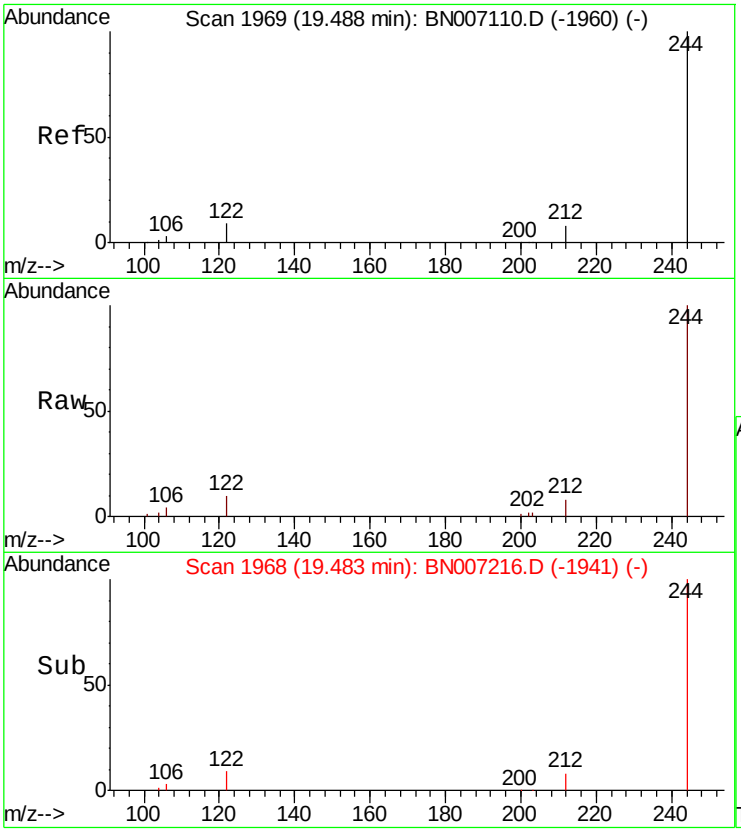


#27
Pyrene
Concen: 0.107 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:202 Resp: 13037

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	22.3	14.0	21.0#



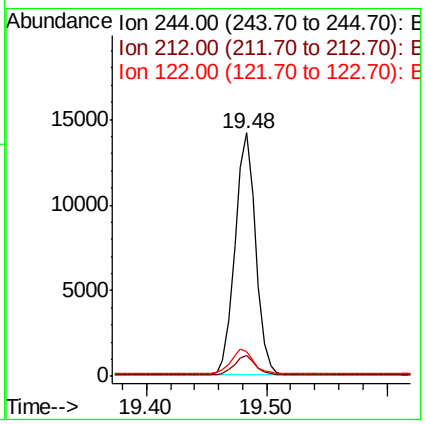


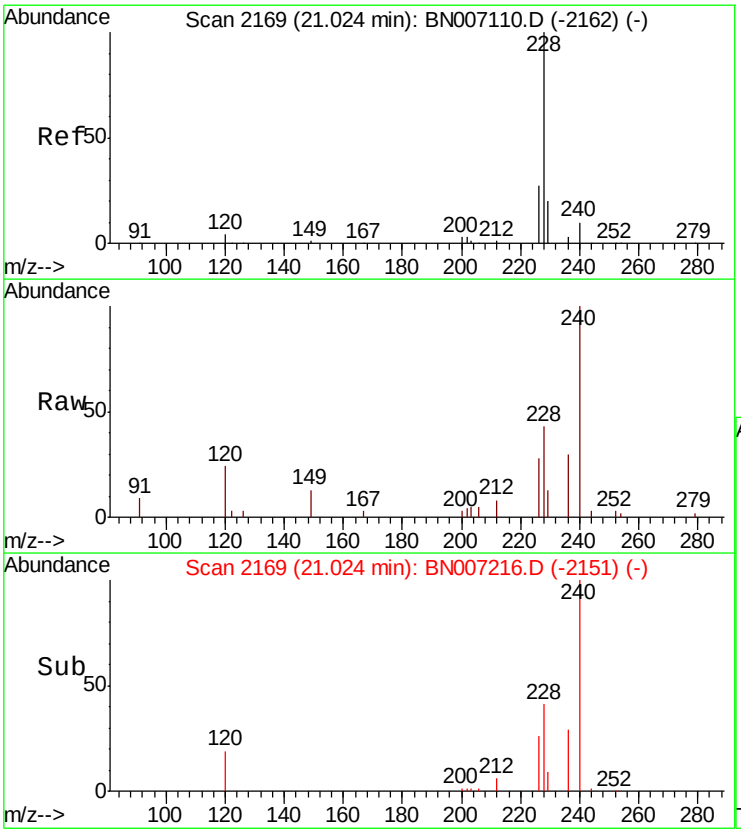
#28
Terphenyl-d14
Concen: 0.177 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16813

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	10.2	7.4	11.2

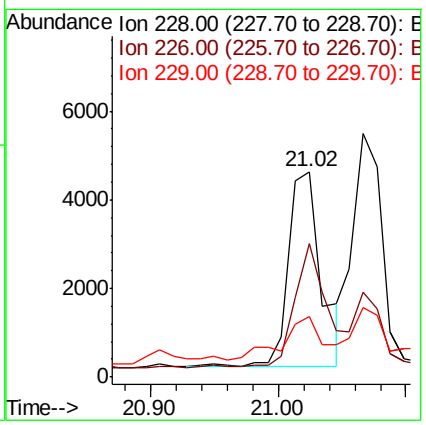


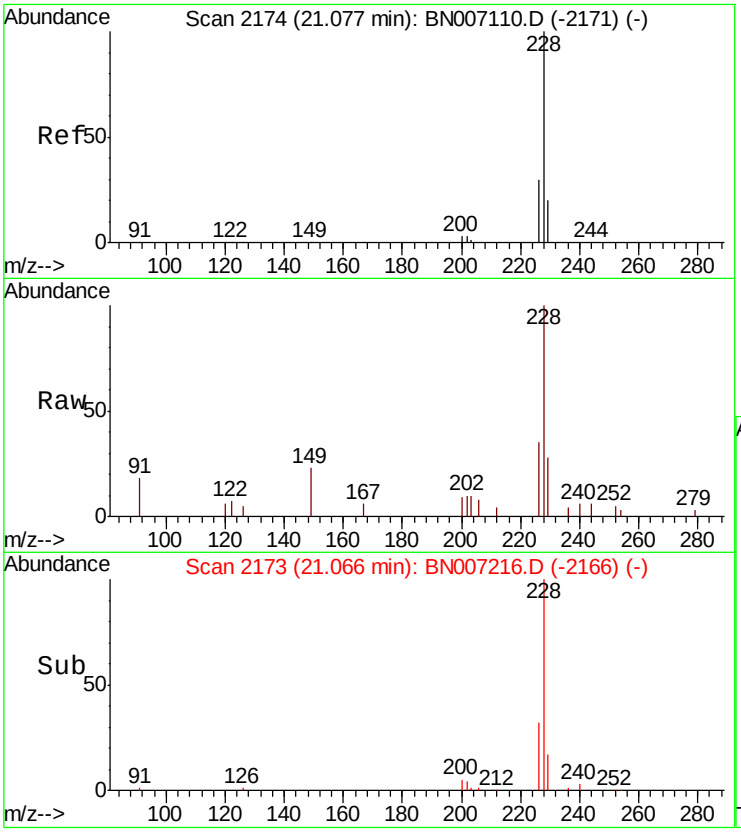


#29
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:228 Resp: 7765

Ion	Ratio	Lower	Upper
228	100		
226	65.1	21.8	32.6#
229	29.1	15.6	23.4#



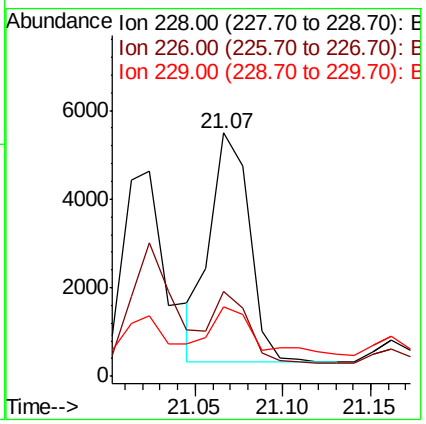


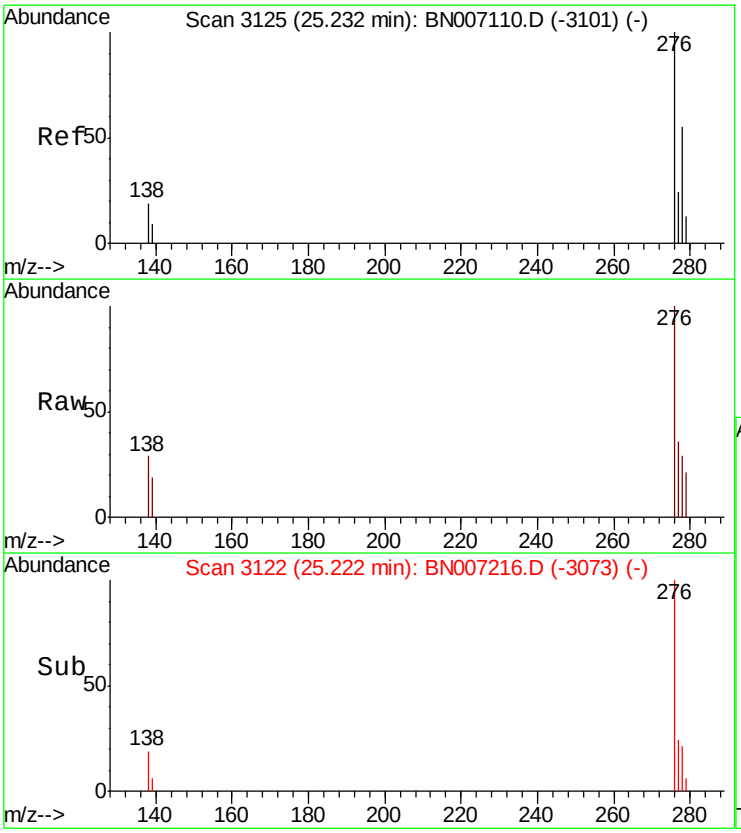
#30
Chrysene
Concen: 0.065 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8023

Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.8	35.6
229	28.3	15.7	23.5#

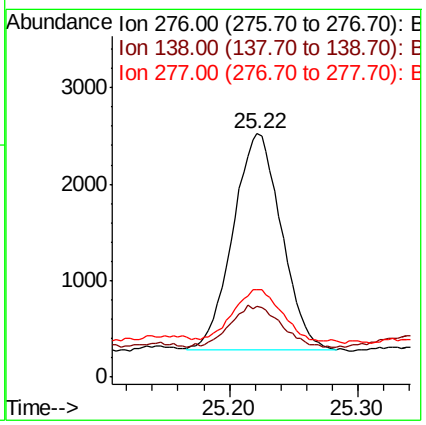


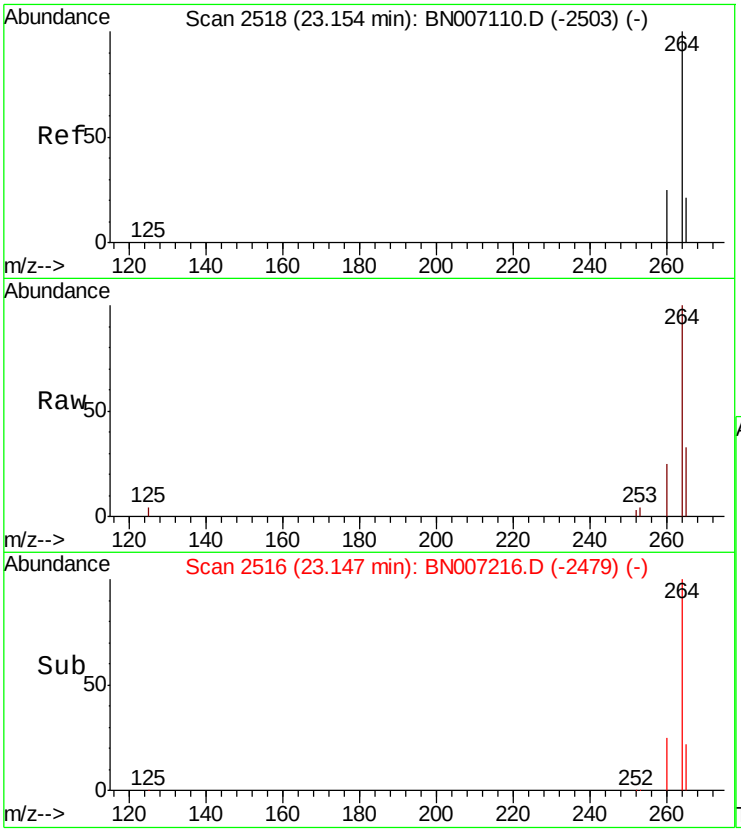


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng
RT: 25.22 min Scan# 3122
Delta R.T. -0.03 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:276 Resp: 5882

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.0	24.0
277	25.7	19.9	29.9



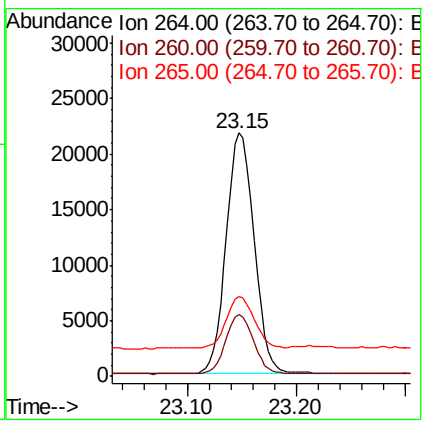


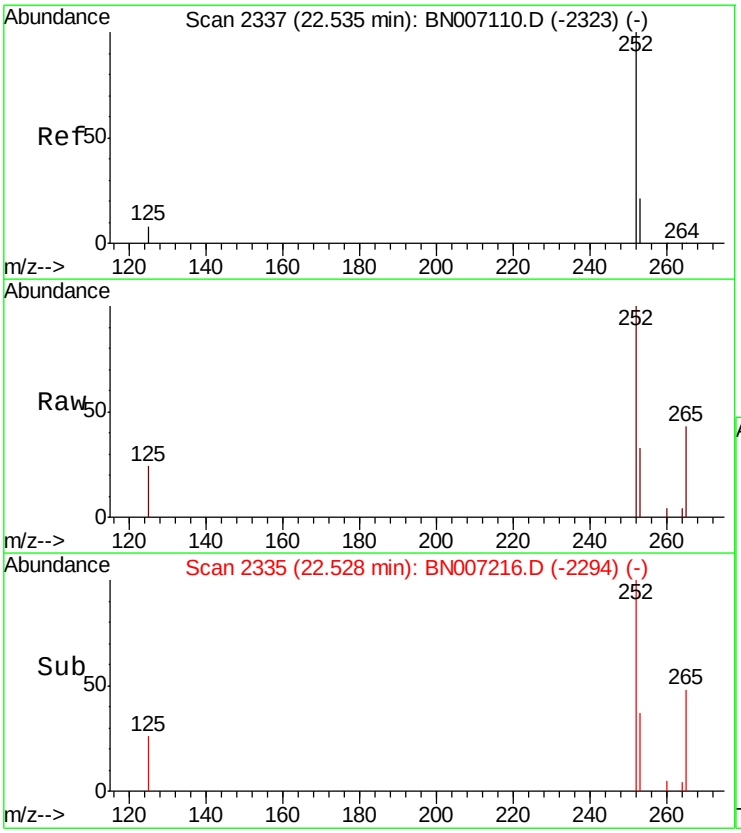
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 38600

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	32.9	26.2	39.4

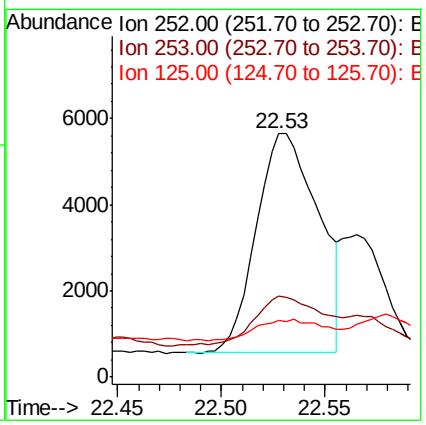


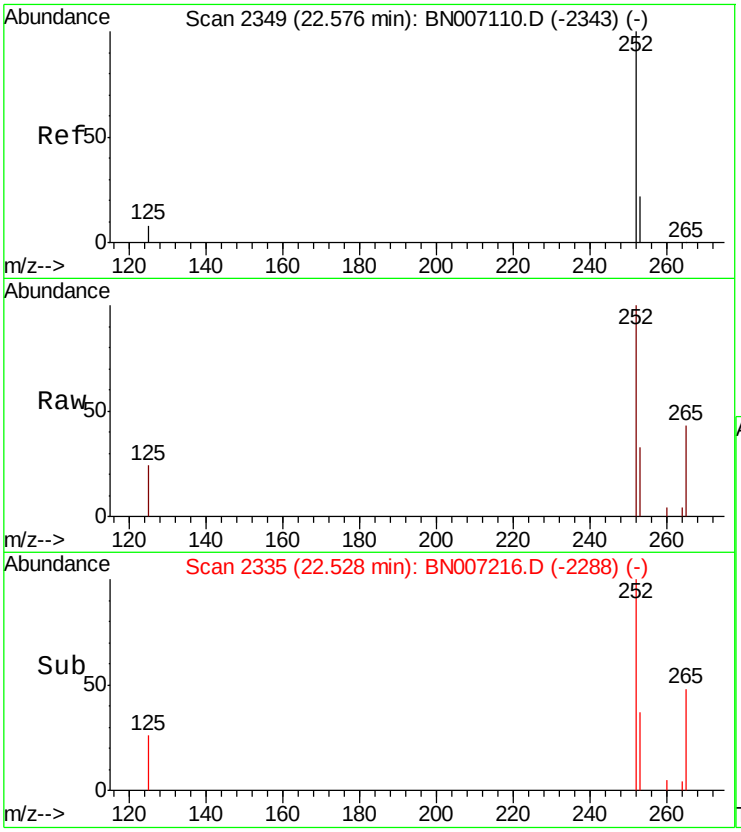


#33
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:252 Resp: 10635

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.2	27.2#
125	23.5	7.4	11.0#



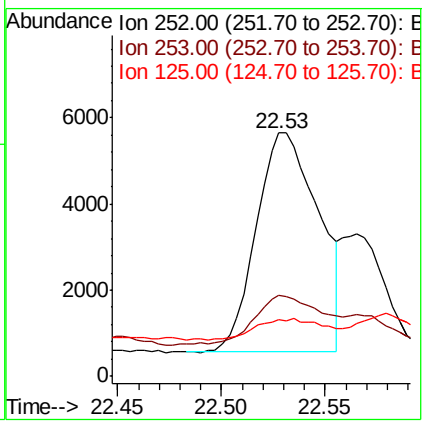


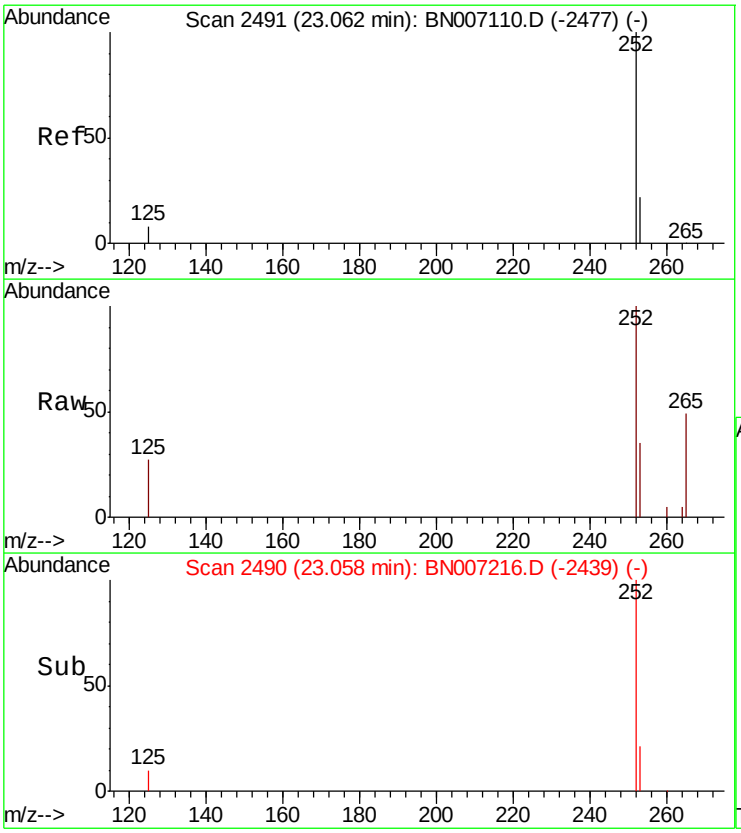
#34
Benzo(k)fluoranthene
Concen: 0.081 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.06 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10635

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.1	27.1#
125	23.5	7.4	11.0#

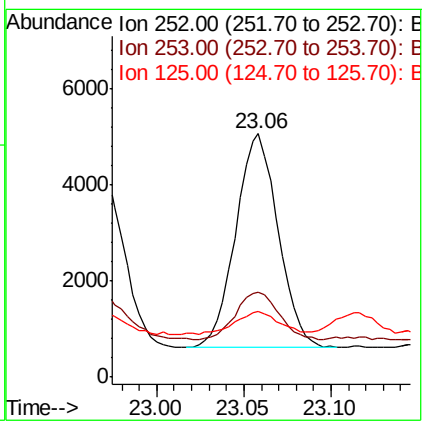


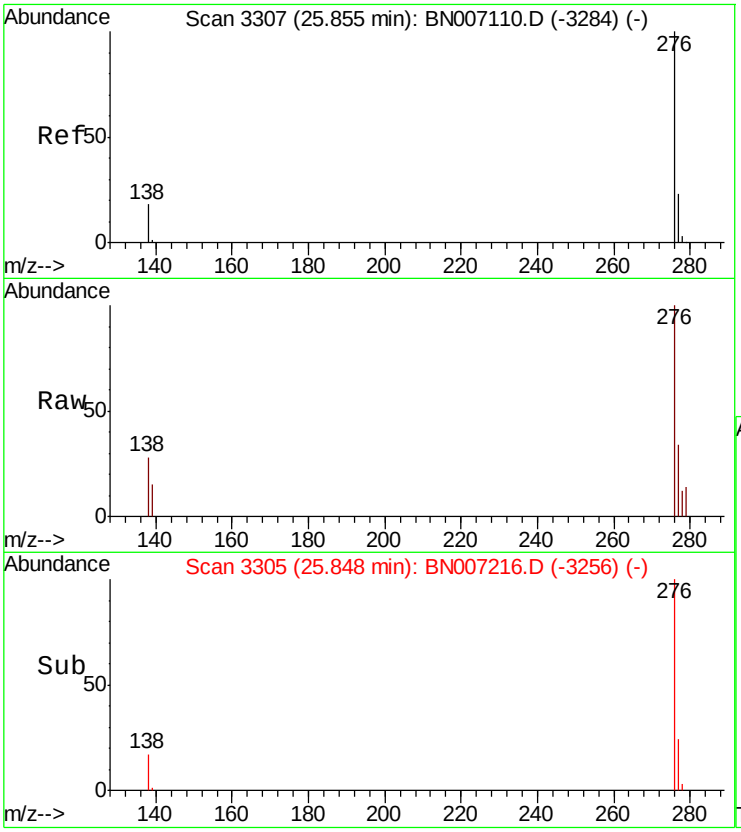


#35
Benzo(a)pyrene
Concen: 0.063 ng
RT: 23.06 min Scan# 2490
Delta R.T. -0.02 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Tgt Ion:252 Resp: 7545

Ion	Ratio	Lower	Upper
252	100		
253	34.8	18.5	27.7#
125	26.7	8.2	12.4#





#37
Benzo(g,h,i)perylene
Concen: 0.061 ng
RT: 25.85 min Scan# 3305
Delta R.T. -0.03 min
Lab File: BN007216.D
Acq: 16 Aug 2019 02:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7519

Ion	Ratio	Lower	Upper
276	100		
277	34.0	19.8	29.8#
138	27.6	14.6	22.0#