Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007069.D
Acq On : 11 Aug 2019 03:48
Operator : HP/JU
Sample : K4239-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:40:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	6891	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	25763	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	14863	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	36394	0.40	ng		0.00
26) Chrysene-d12	21.03	240	37764	0.40	ng		-0.02
32) Perylene-d12	23.15	264	41428	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	7384	0.45	ng		0.00
4) Phenol-d6	6.61	99	9994	0.49	ng		0.00
7) Nitrobenzene-d5	8.56	82	7680	0.37	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	17865	0.37	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2273	0.28	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	6690	0.31	ng		0.00
24) Fluoranthene-d10	18.87	212	43955	0.34	ng		0.00
28) Terphenyl-d14	19.49	244	34101	0.33	ng		-0.01
Target Compounds							Qvalue
22) Phenanthrene	16.87	178	13232	0.121	ng		99
23) Anthracene	16.95	178	2399	0.024	ng	#	94
25) Fluoranthene	18.90	202	19435	0.139	ng		100
27) Pyrene	19.26	202	23225	0.175	ng		97
29) Benzo(a)anthracene	21.02	228	14190	0.103	ng		93
30) Chrysene	21.08	228	14019	0.104	ng		96
31) Indeno(1,2,3-cd)pyrene	25.23	276	9350	0.063	ng		99
33) Benzo(b)fluoranthene	22.53	252	17430	0.123	ng	#	88
34) Benzo(k)fluoranthene	22.53	252	17430	0.124	ng	#	87
35) Benzo(a)pyrene	23.06	252	13456	0.104	ng	#	87
37) Benzo(g,h,i)perylene	25.86	276	10580	0.080	ng	#	90

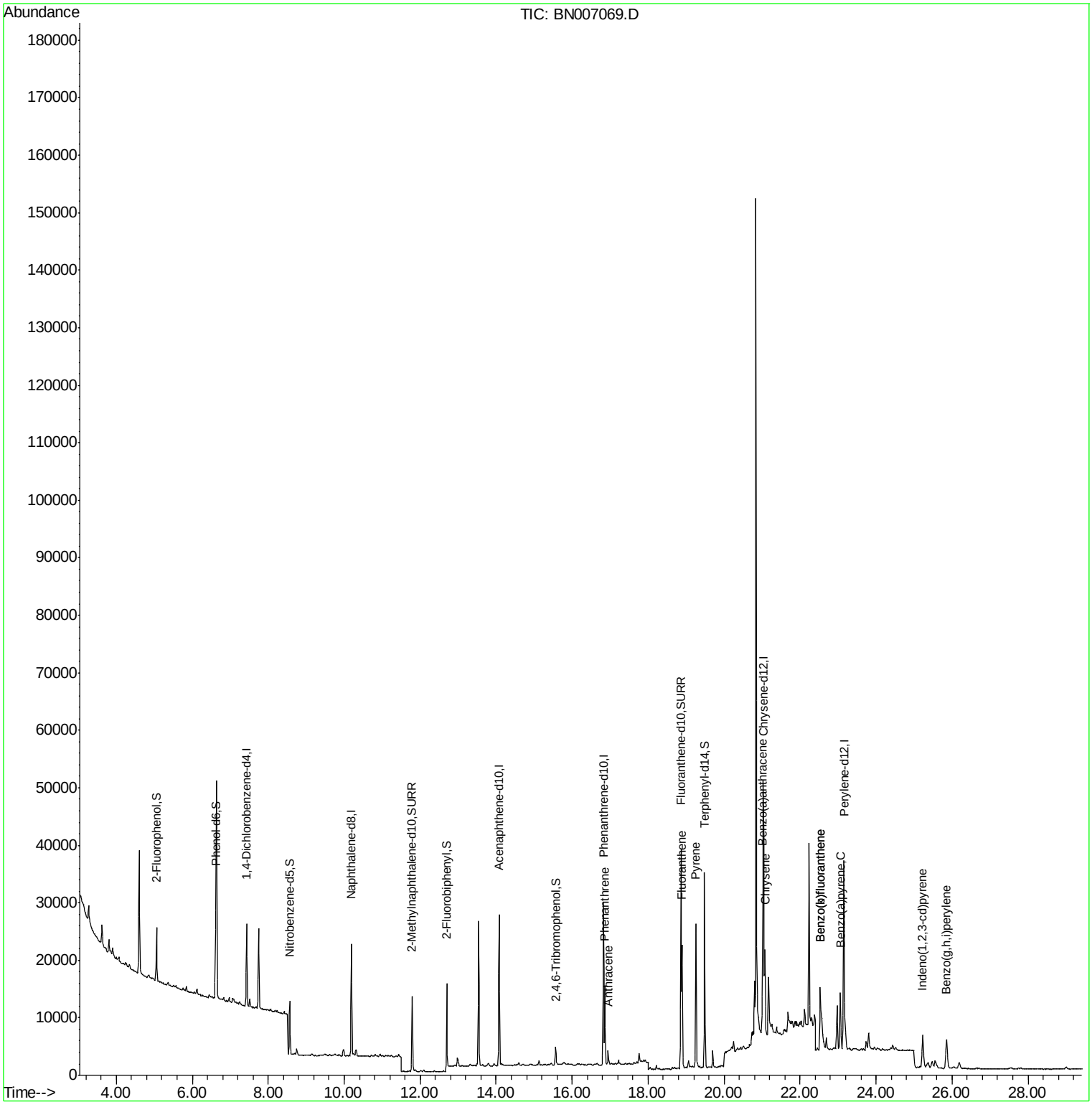
(#) = qualifier out of range (m) = manual integration (+) = signals summed

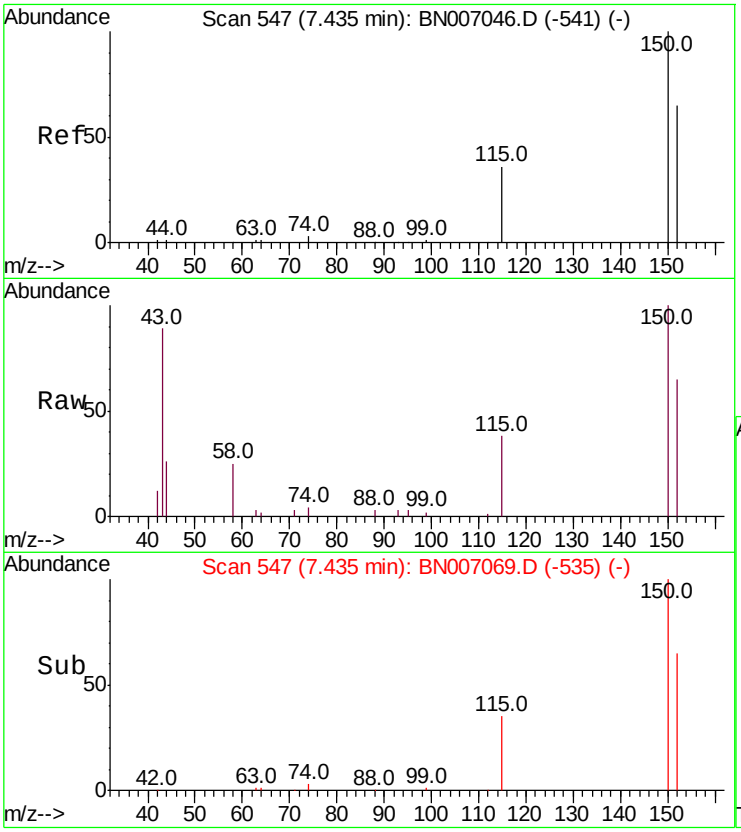
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007069.D
Acq On : 11 Aug 2019 03:48
Operator : HP/JU
Sample : K4239-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:40:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



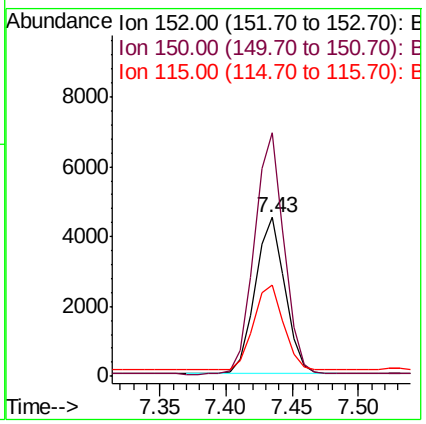


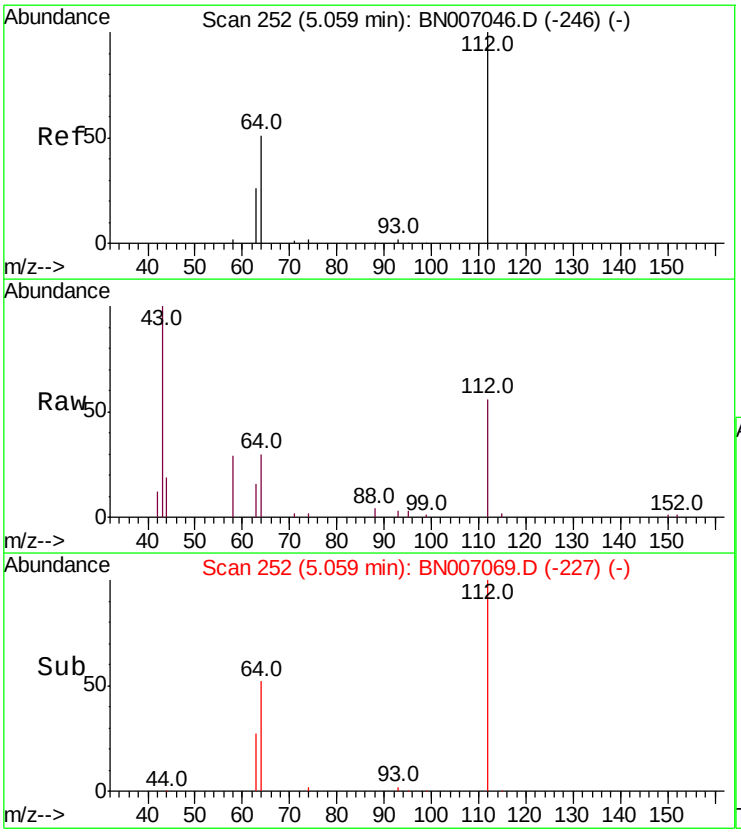
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6891

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	57.8	46.2	69.4

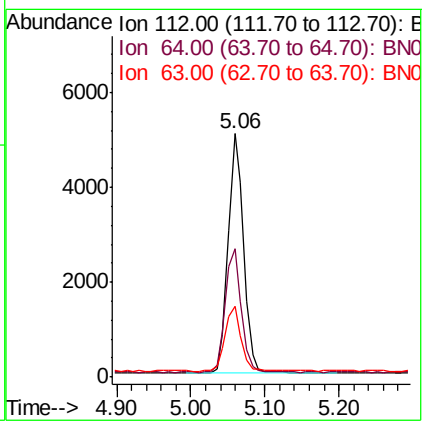


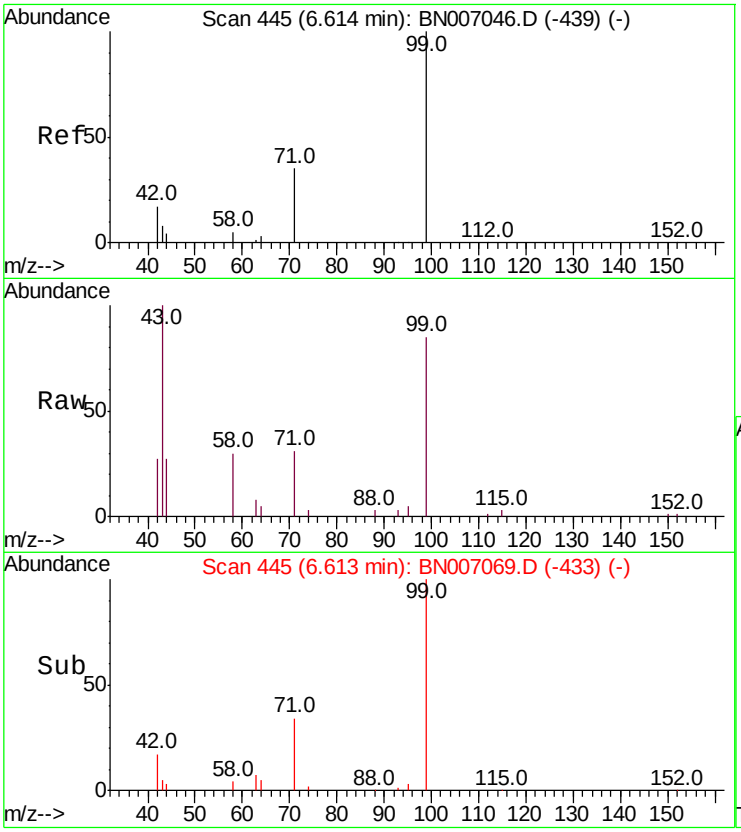


#3
2-Fluorophenol
Concen: 0.446 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:112 Resp: 7384

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	63.8
63	27.5	22.2	33.2



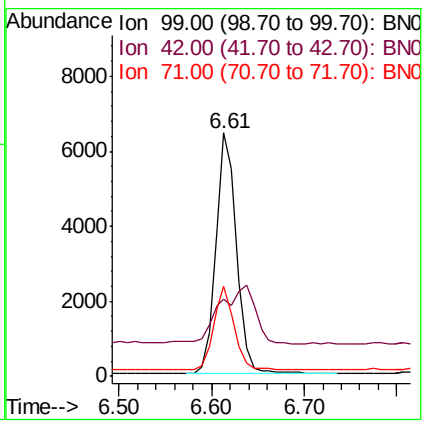


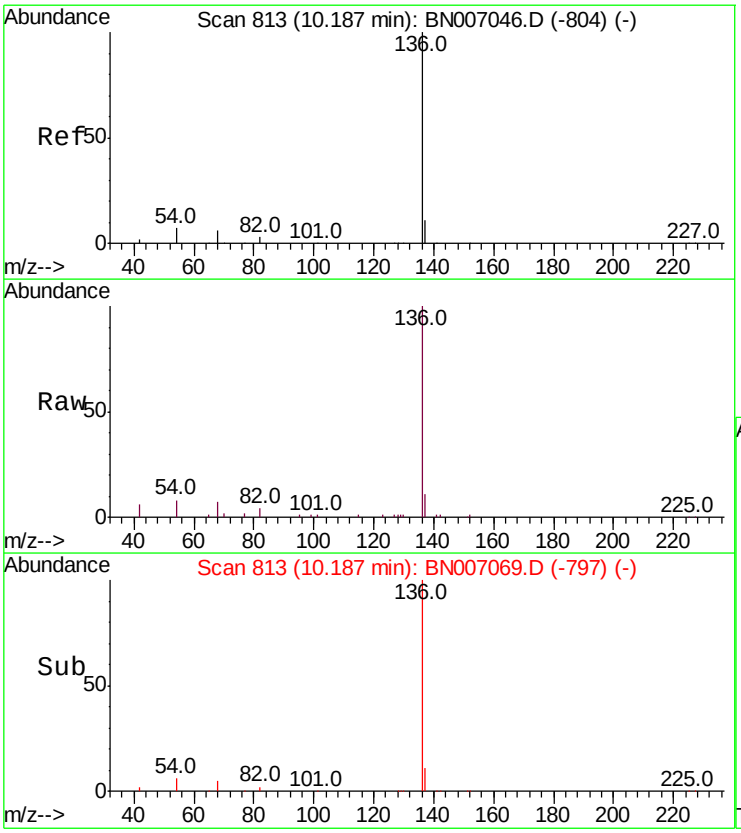
#4
Phenol-d6
Concen: 0.487 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9994

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.1	27.0	40.4

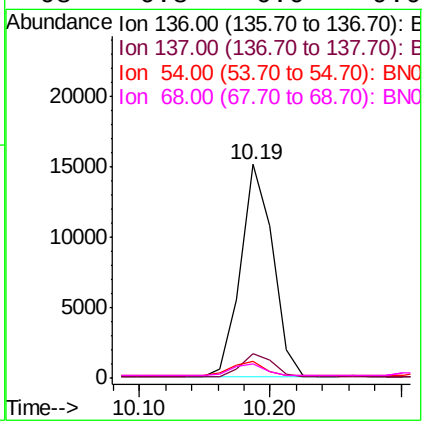


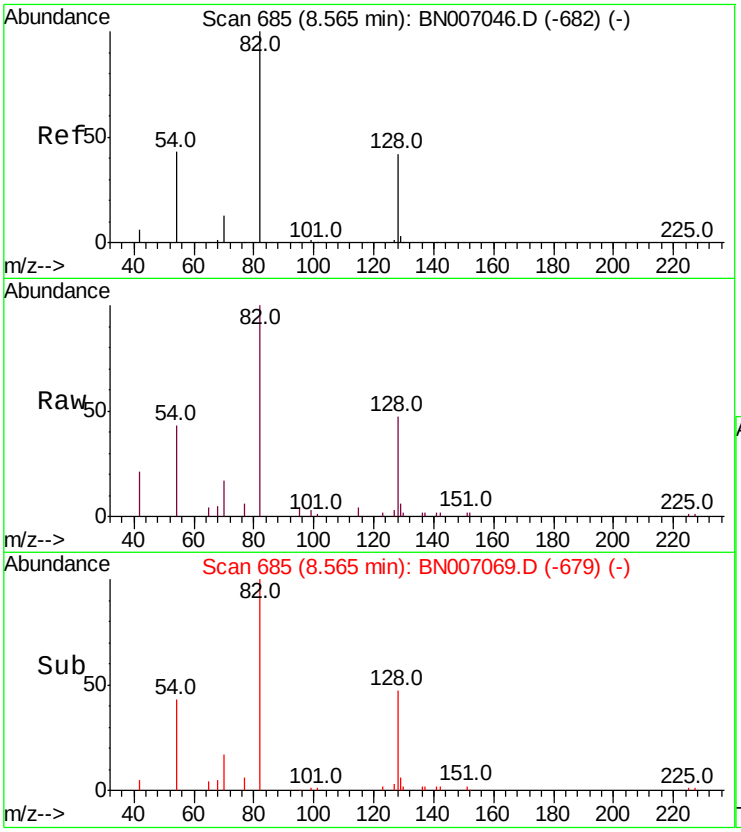


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:136 Resp: 25763

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	7.5	6.6	9.8
68	6.8	6.0	9.0



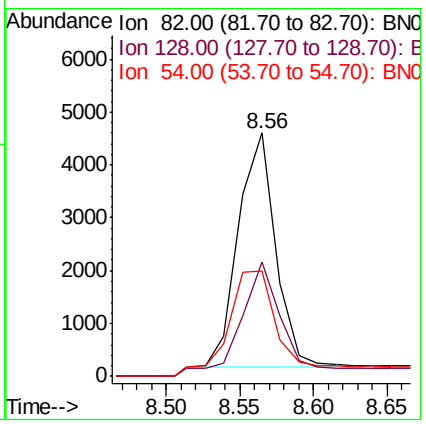


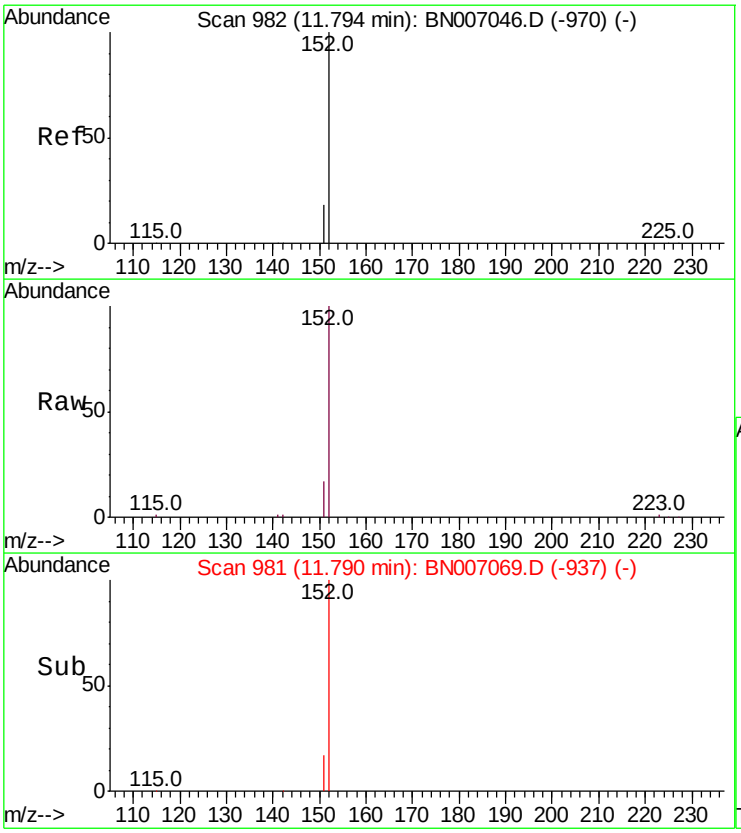
#7
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 7680

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.6	51.8
54	43.1	36.2	54.4

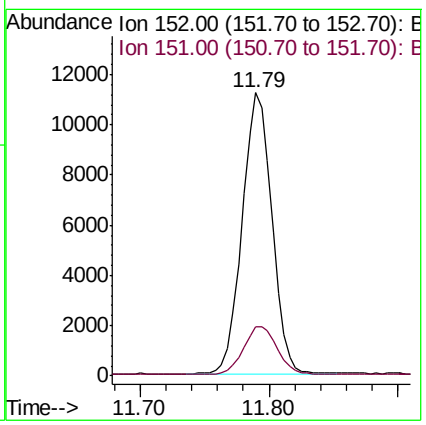


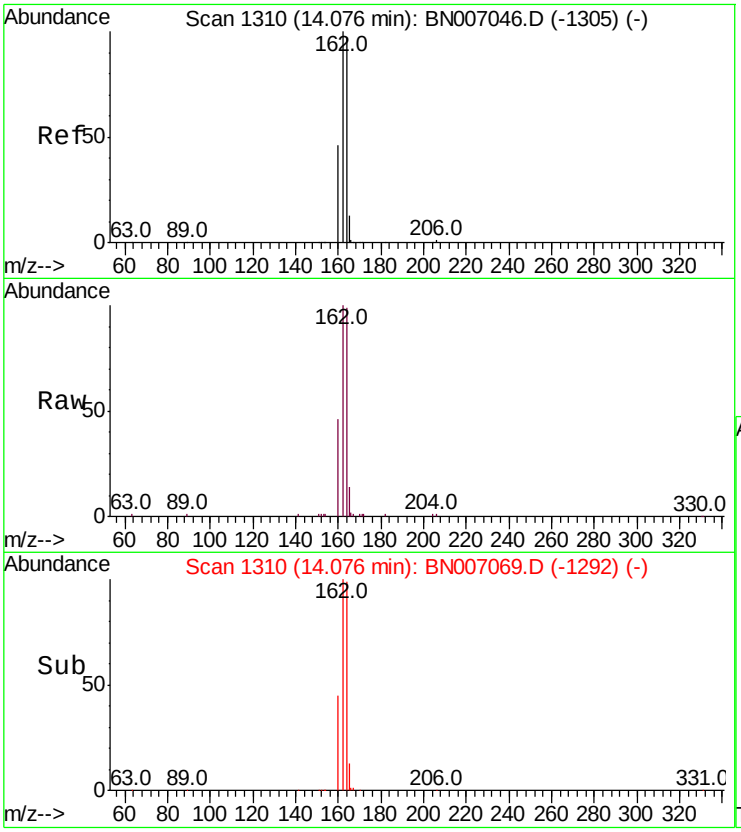


#10
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:152 Resp: 17865

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3



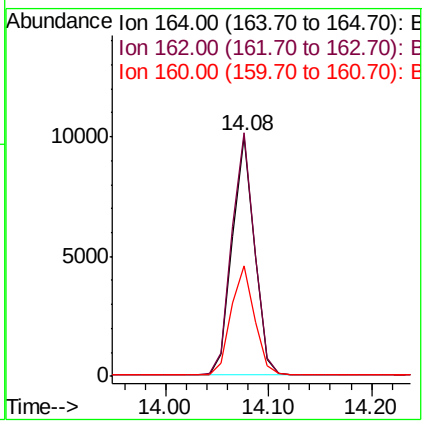


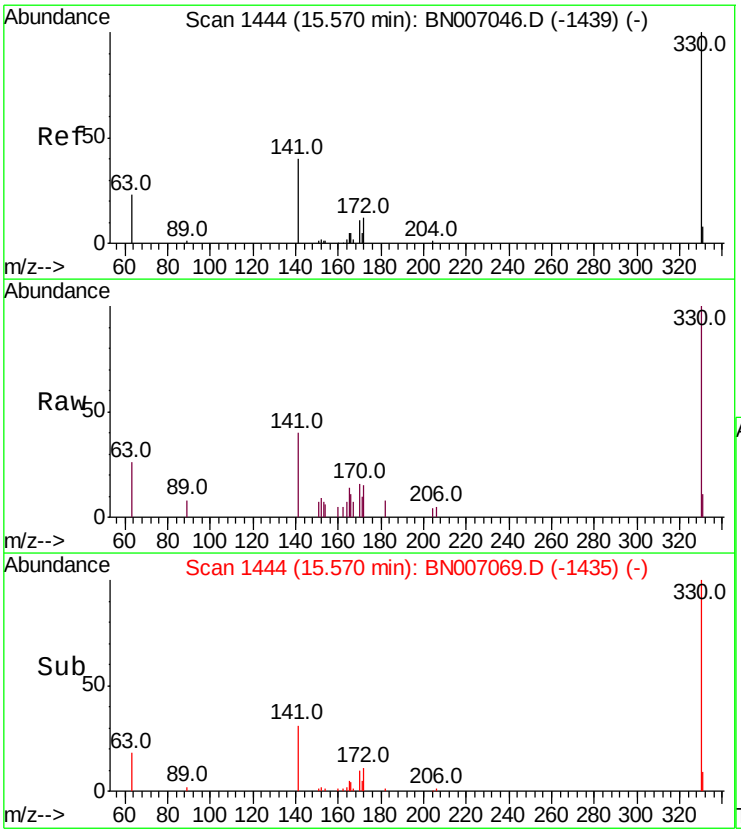
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 14863

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.4
160	46.2	38.3	57.5

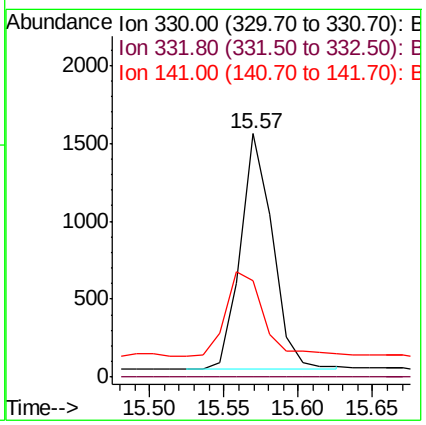


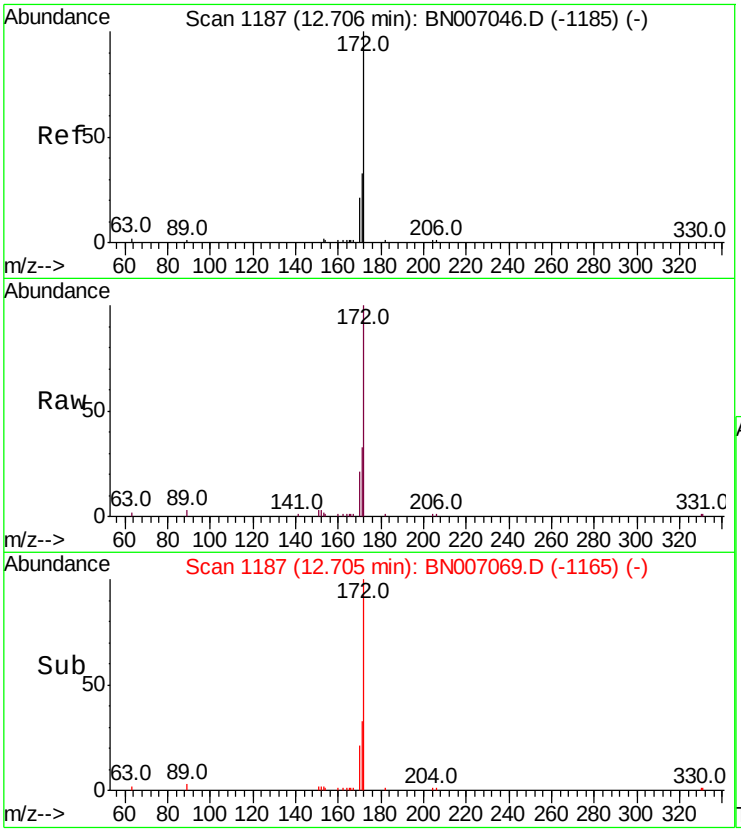


#13
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:330 Resp: 2273

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.8	33.6	50.4



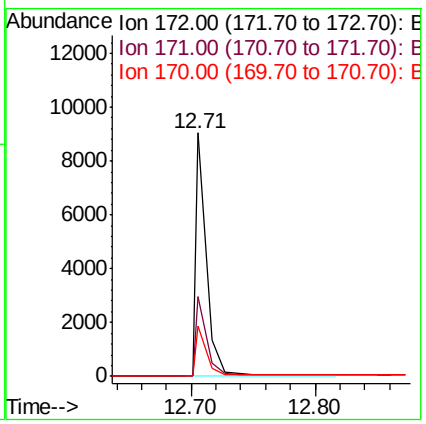


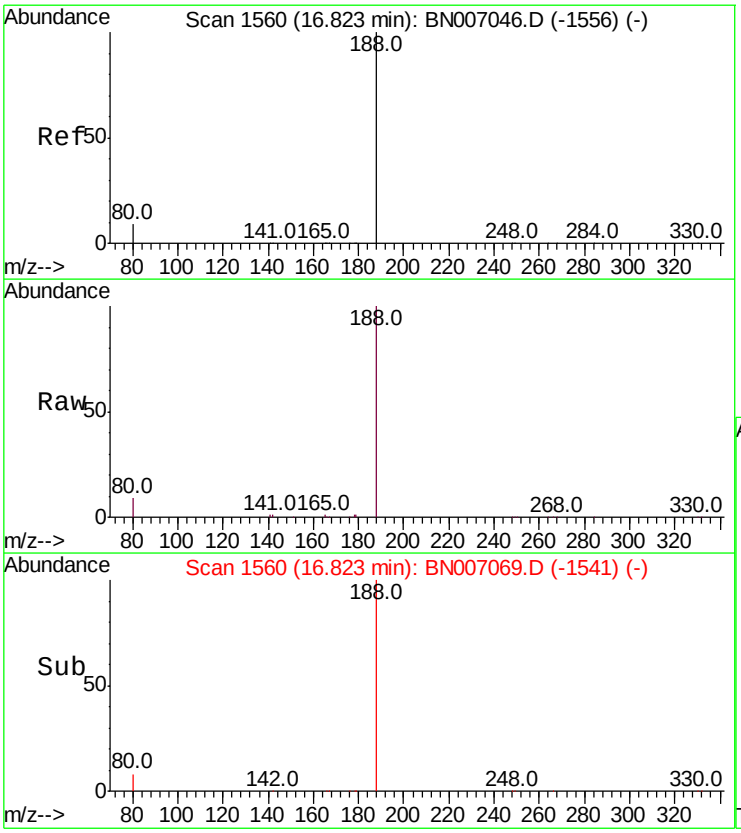
#14
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6690

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	20.7	17.0	25.4

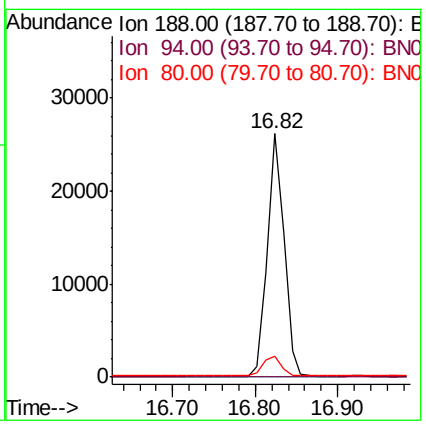


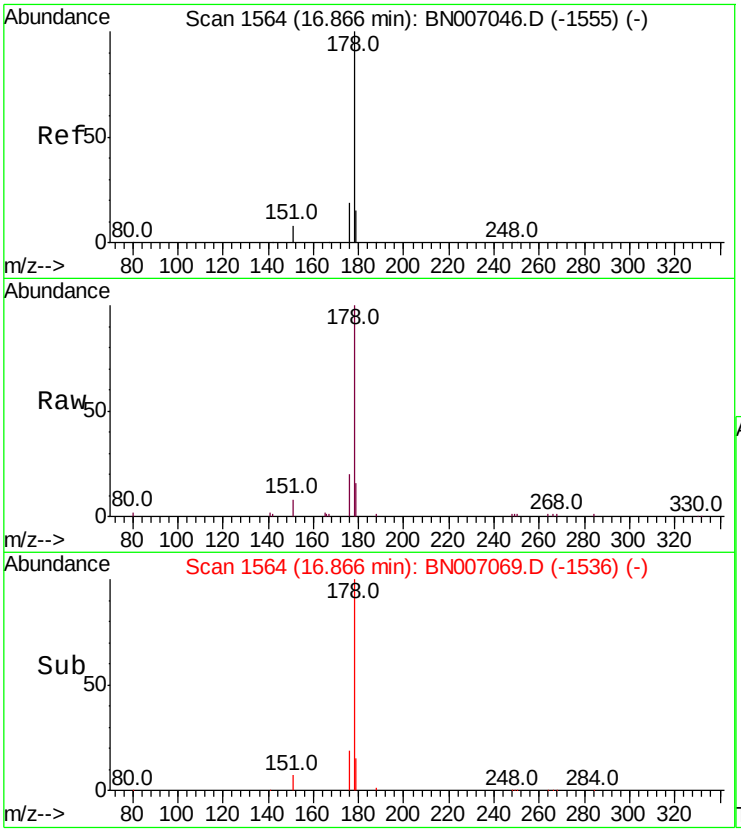


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:188 Resp: 36394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.8	11.6



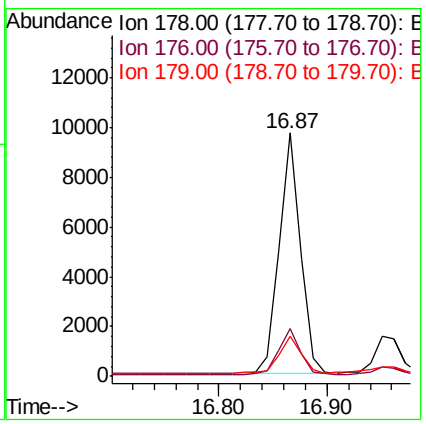


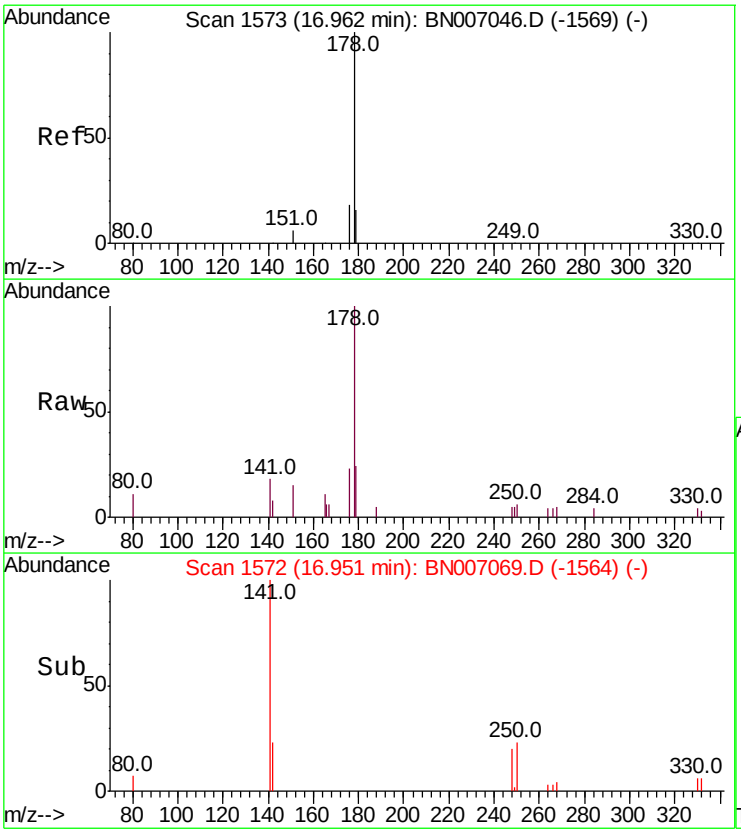
#22
Phenanthrene
Concen: 0.121 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13232

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.9	12.3	18.5

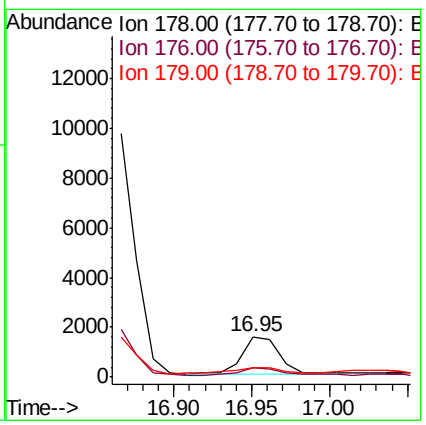


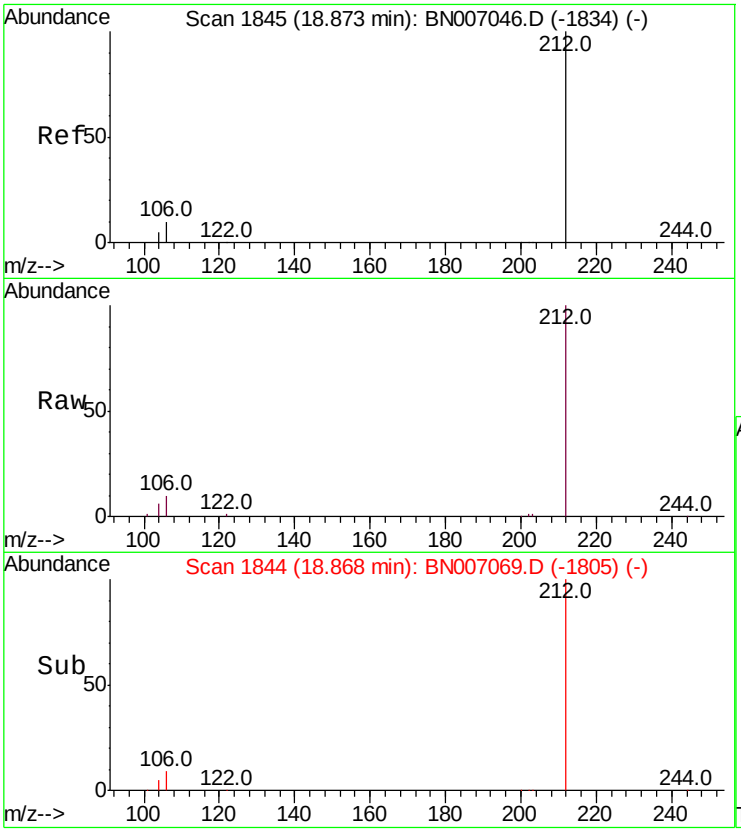


#23
Anthracene
Concen: 0.024 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:178 Resp: 2399

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	21.8
179	19.2	12.5	18.7#



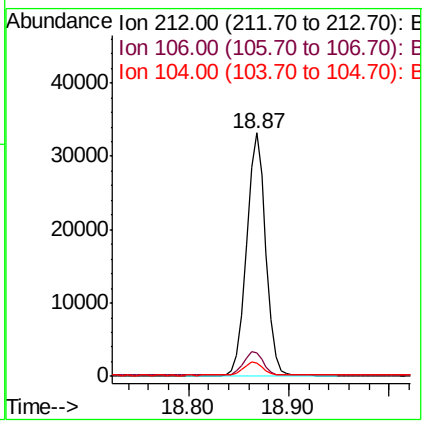


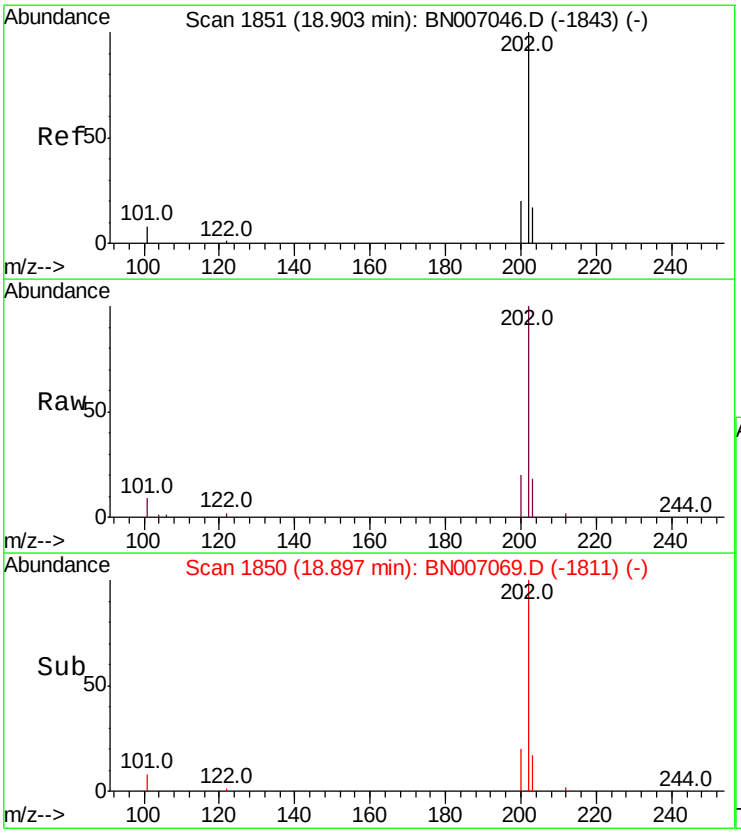
#24
Fluoranthene-d10
Concen: 0.341 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 43955

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.2
104	5.6	4.5	6.7

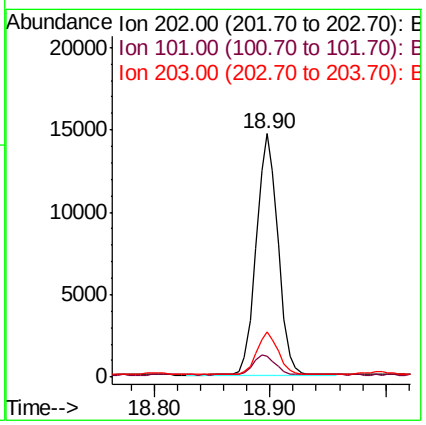


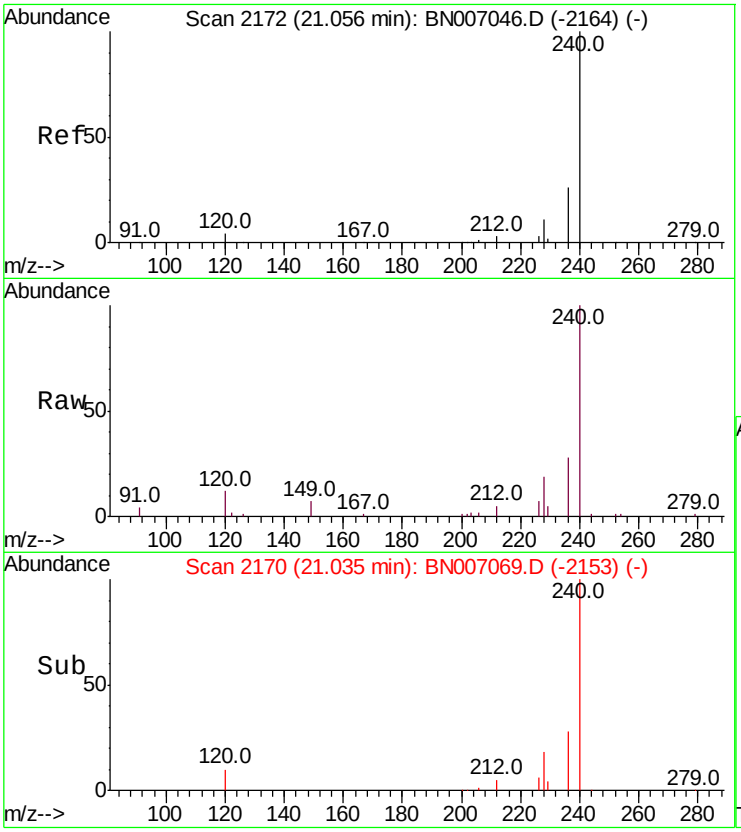


#25
Fluoranthene
Concen: 0.139 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:202 Resp: 19435

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
203	17.1	13.8	20.8



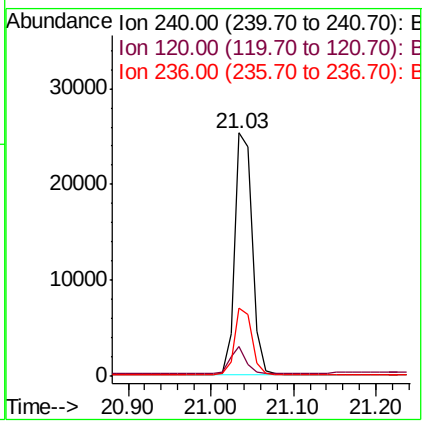


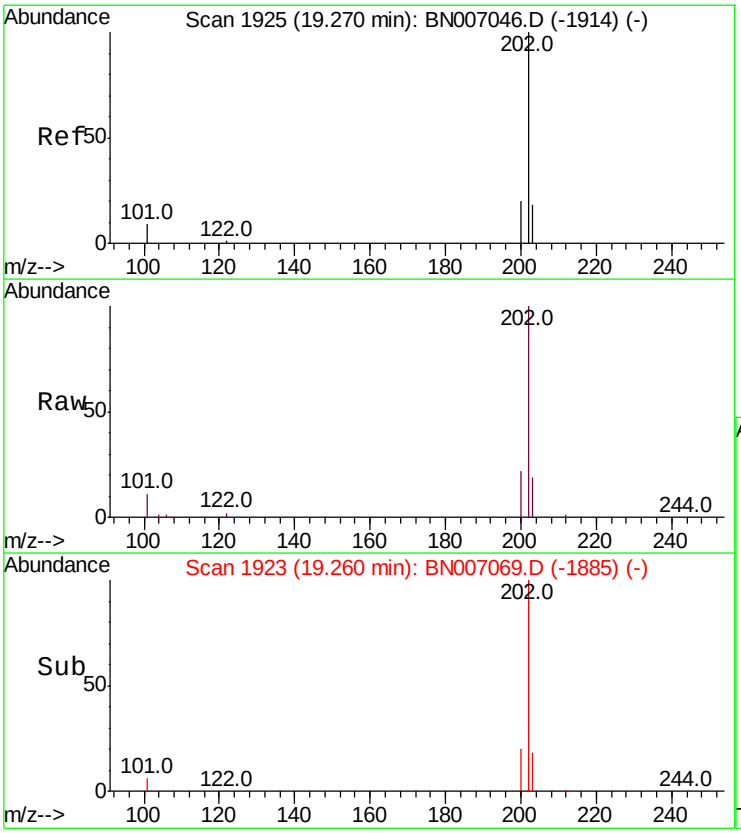
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 37764

Ion	Ratio	Lower	Upper
240	100		
120	12.2	4.0	6.0#
236	28.2	21.3	31.9

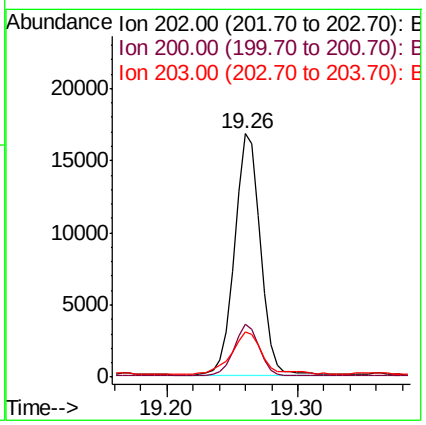


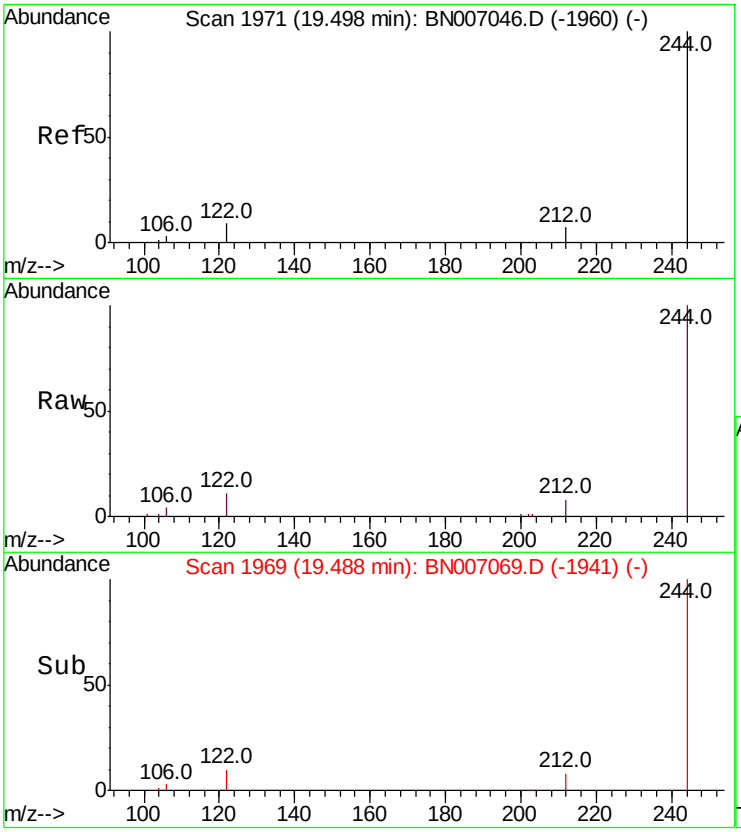


#27
Pyrene
Concen: 0.175 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:202 Resp: 23225

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	19.9	14.0	21.0



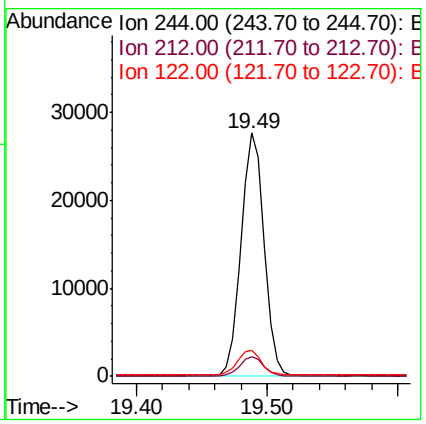


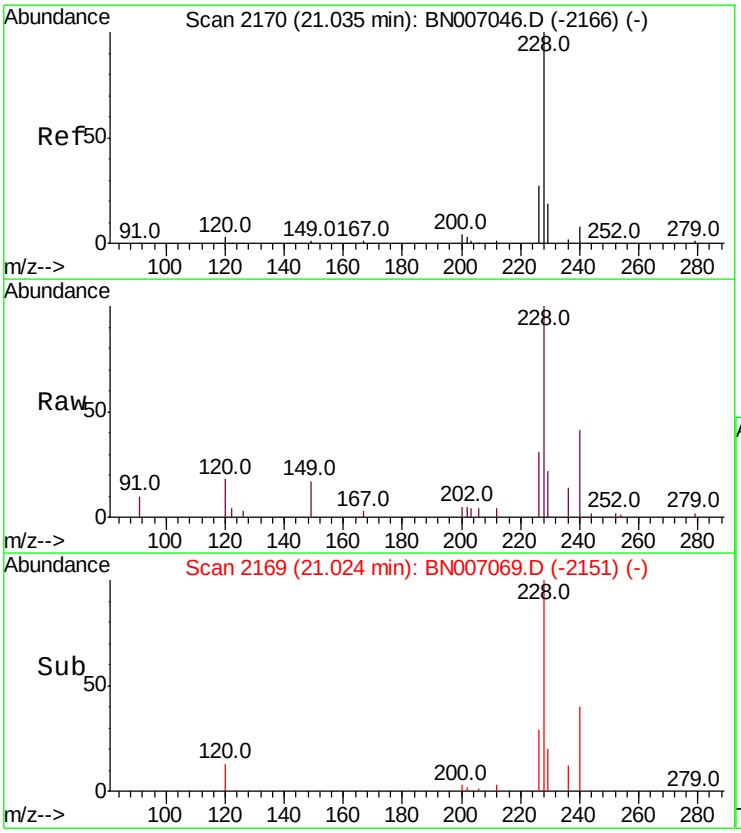
#28
Terphenyl-d14
Concen: 0.331 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 34101

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.6	7.4	11.2

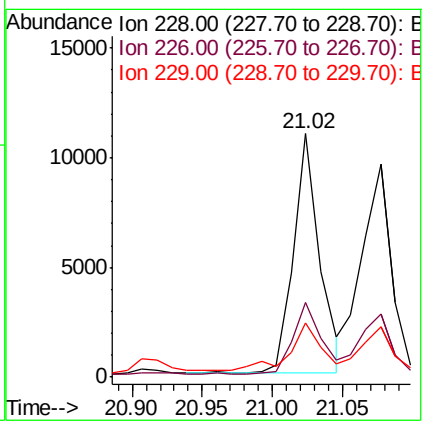


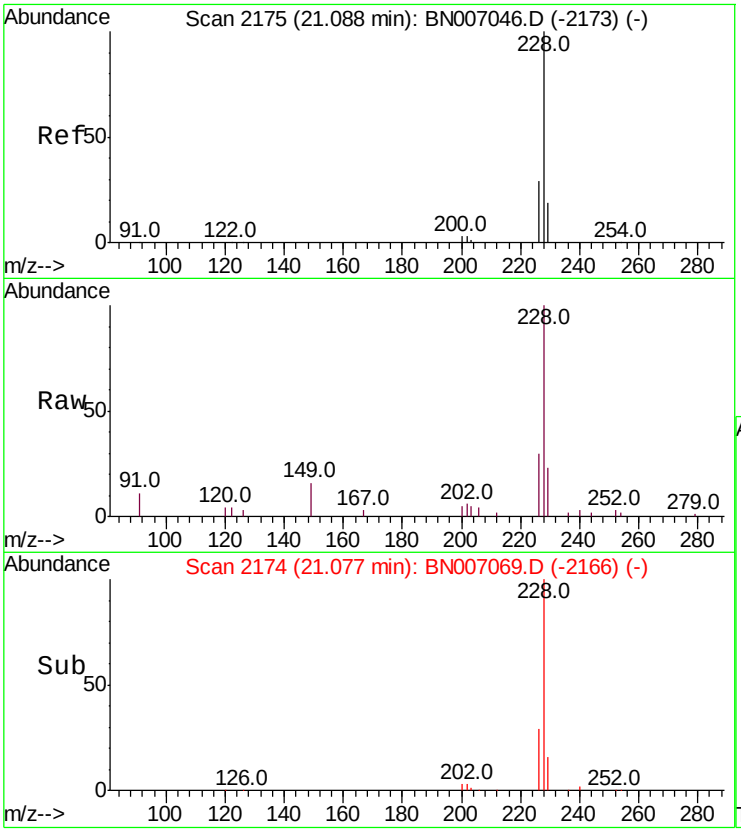


#29
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:228 Resp: 14190

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.8	32.6
229	22.1	15.6	23.4



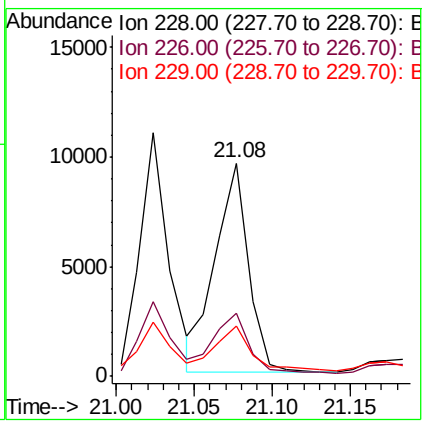


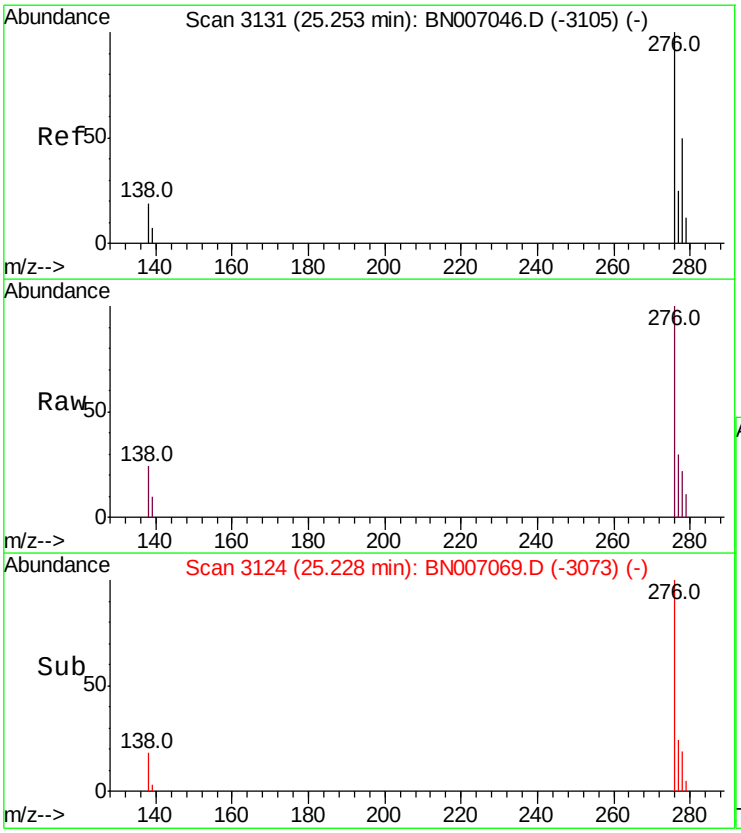
#30
Chrysene
Concen: 0.104 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14019

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	23.4	15.7	23.5

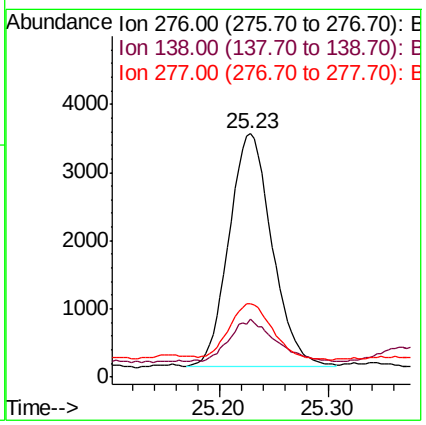


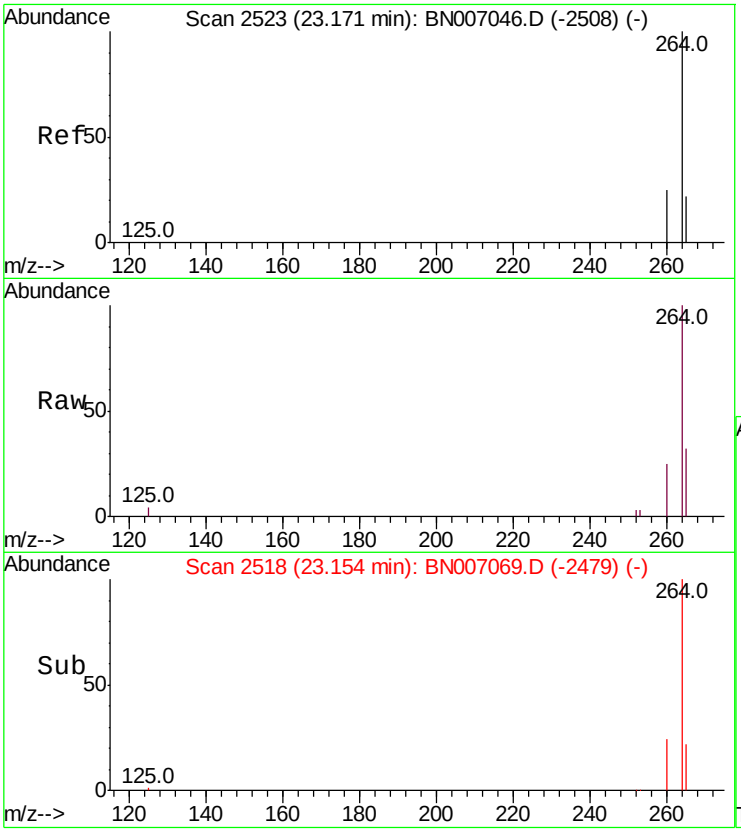


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:276 Resp: 9350

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.0	24.0
277	24.5	19.9	29.9



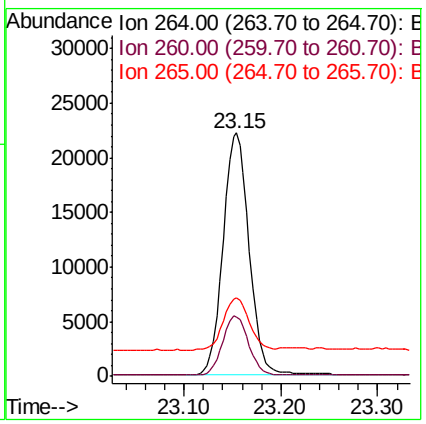


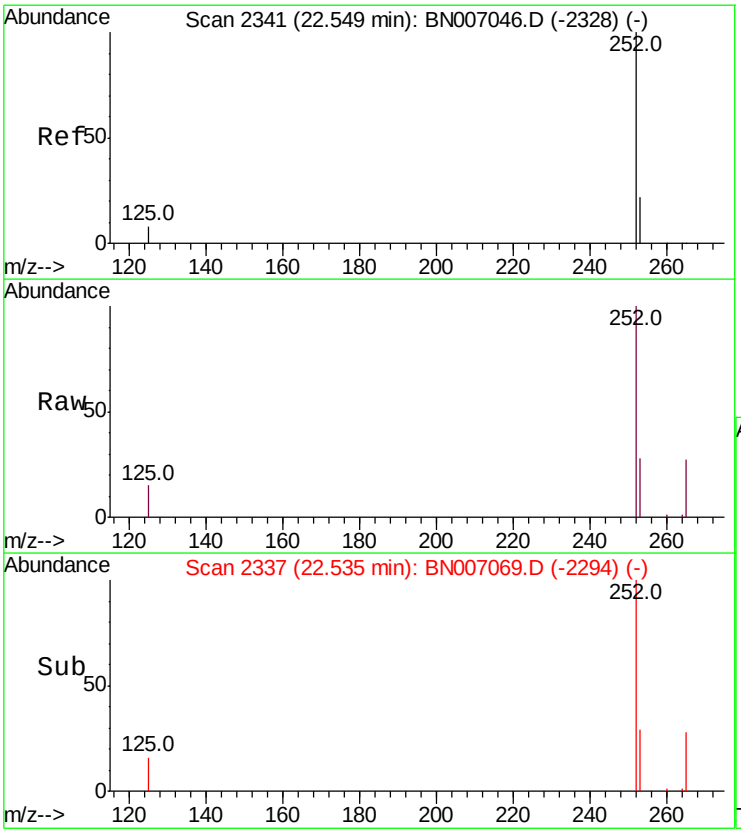
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 41428

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	32.5	26.2	39.4

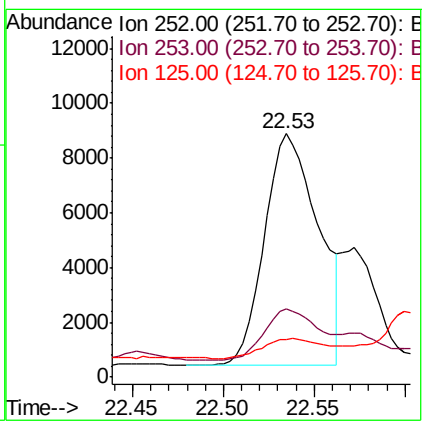


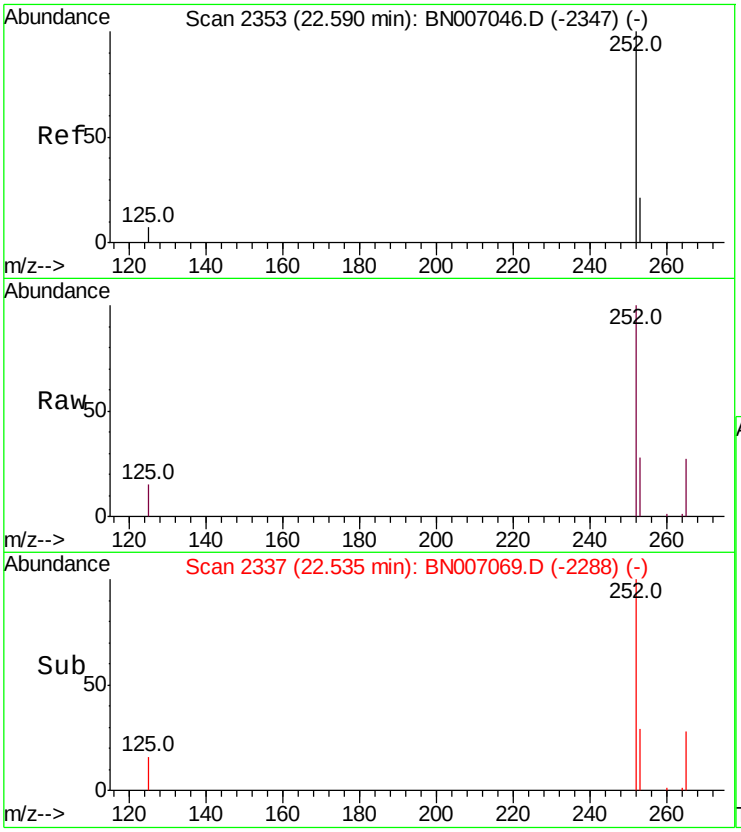


#33
Benzo(b)fluoranthene
Concen: 0.123 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:252 Resp: 17430

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	15.5	7.4	11.0#



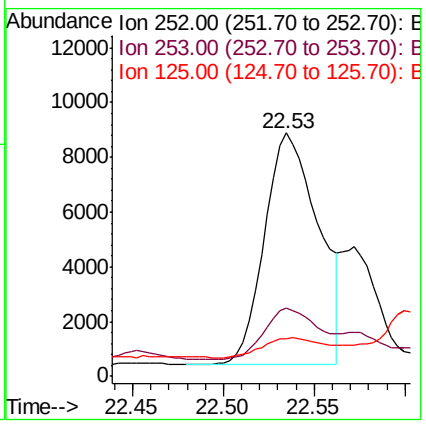


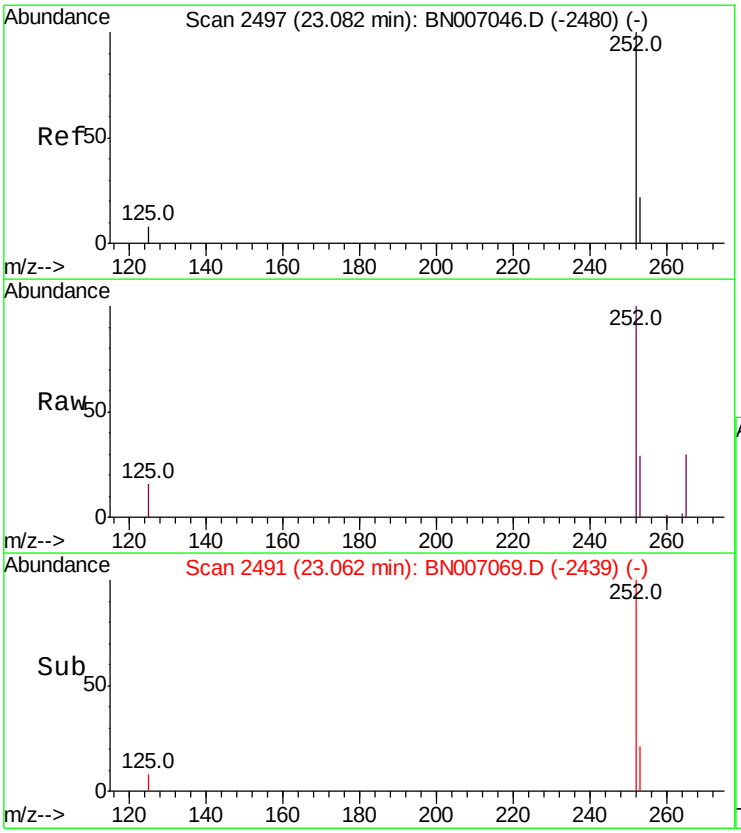
#34
Benzo(k)fluoranthene
Concen: 0.124 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 17430

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.1	27.1#
125	15.5	7.4	11.0#

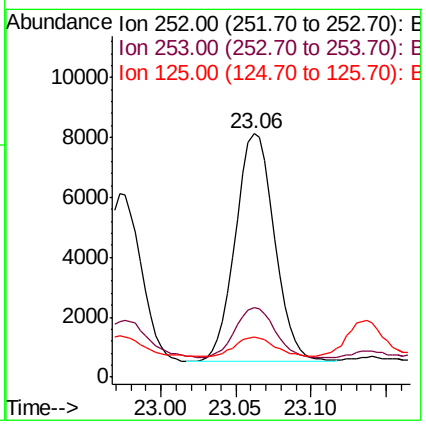


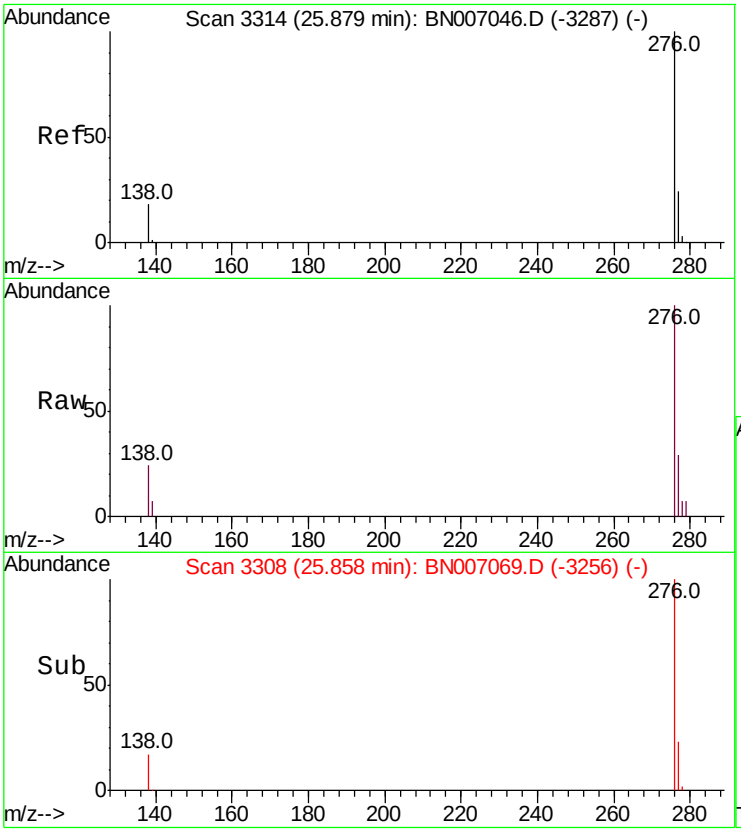


#35
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion:252 Resp: 13456

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.5	27.7#
125	16.5	8.2	12.4#





#37
Benzo(g,h,i)perylene
Concen: 0.080 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10580

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.8	29.8
138	23.6	14.6	22.0#