Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007076.D
Acq On : 11 Aug 2019 08:36
Operator : HP/JU
Sample : K4143-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:42:15 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	9874	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	37843	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21845	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	53639	0.40	ng		0.00
26) Chrysene-d12	21.05	240	55253	0.40	ng		-0.01
32) Perylene-d12	23.16	264	62146	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5112	0.22	ng		0.00
4) Phenol-d6	6.61	99	6956	0.24	ng		0.00
7) Nitrobenzene-d5	8.56	82	5409	0.18	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	12598	0.18	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1482	0.13	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4303	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	31773	0.17	ng		0.00
28) Terphenyl-d14	19.49	244	23379	0.16	ng		-0.01
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.38	42	145	0.022	ng	#	1
15) Acenaphthylene	13.79	152	3840	0.034	ng		97
22) Phenanthrene	16.87	178	12555	0.078	ng		99
23) Anthracene	16.96	178	3611	0.025	ng		99
25) Fluoranthene	18.90	202	24161	0.117	ng		99
27) Pyrene	19.26	202	24834	0.128	ng		98
29) Benzo(a)anthracene	21.08	228	15653	0.077	ng		93
30) Chrysene	21.08	228	15604	0.079	ng		96
31) Indeno(1,2,3-cd)pyrene	25.23	276	11656	0.054	ng		98
33) Benzo(b)fluoranthene	22.54	252	19218	0.090	ng	#	89
34) Benzo(k)fluoranthene	22.54	252	19218	0.091	ng	#	89
35) Benzo(a)pyrene	23.07	252	12217	0.063	ng	#	87
36) Dibenzo(a,h)anthracene	25.25	278	4232	0.022	ng	#	65
37) Benzo(g,h,i)perylene	25.86	276	12288	0.062	ng		93

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

Quantitation Report (Not Reviewed)

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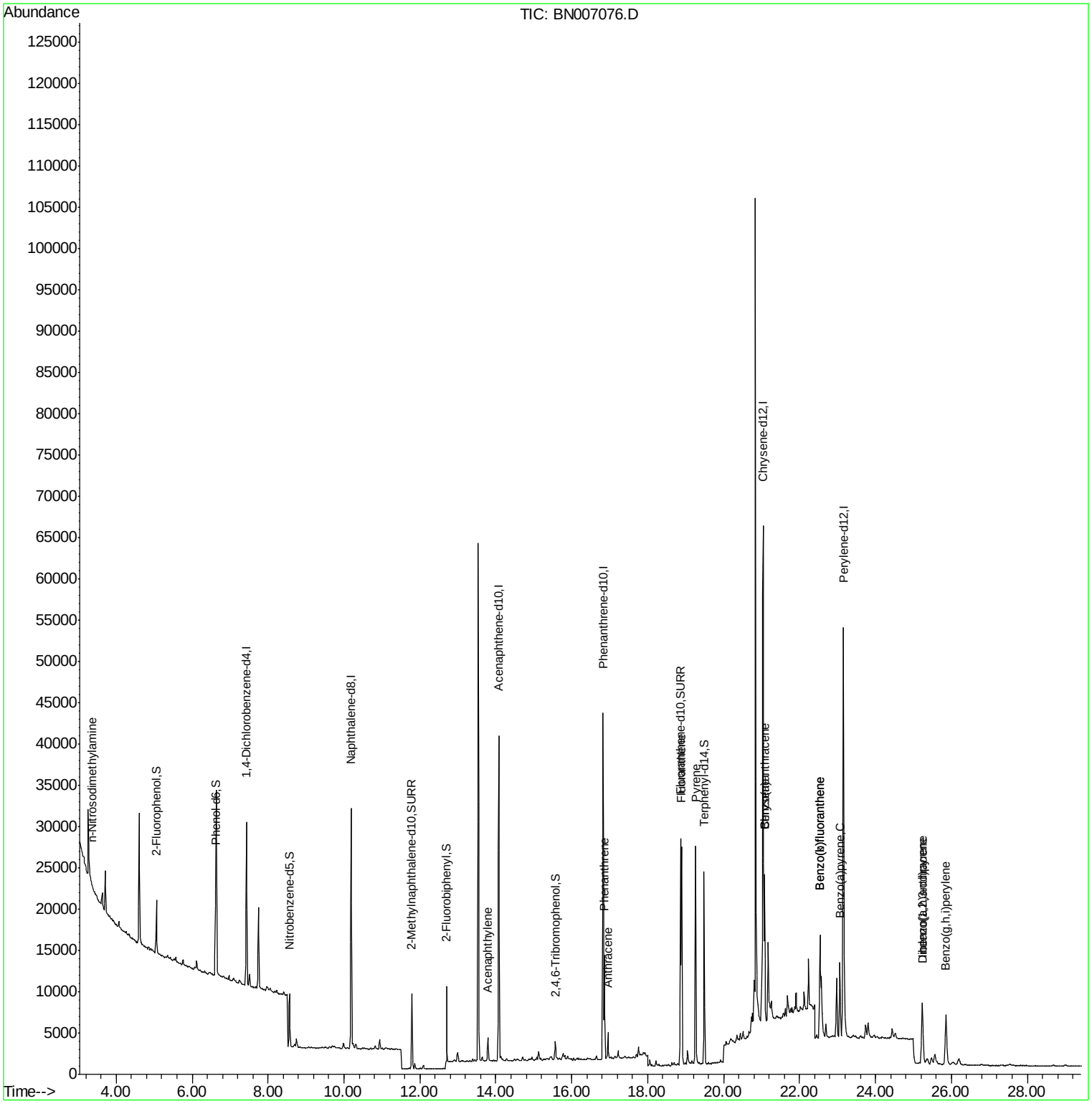
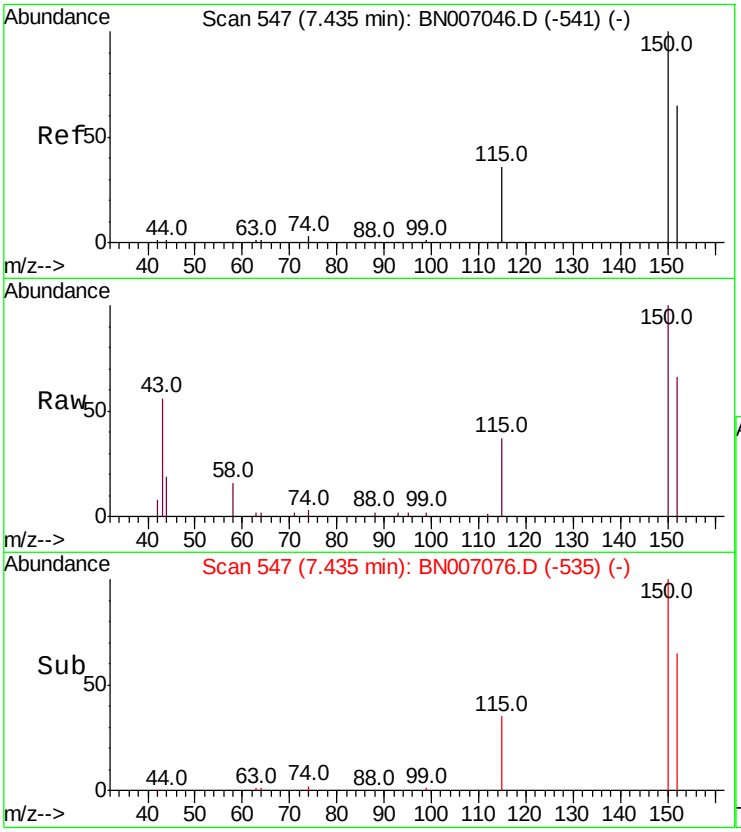
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



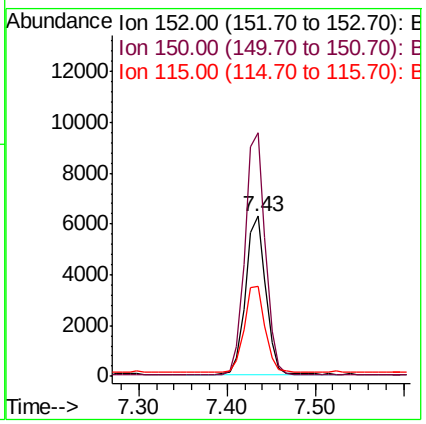


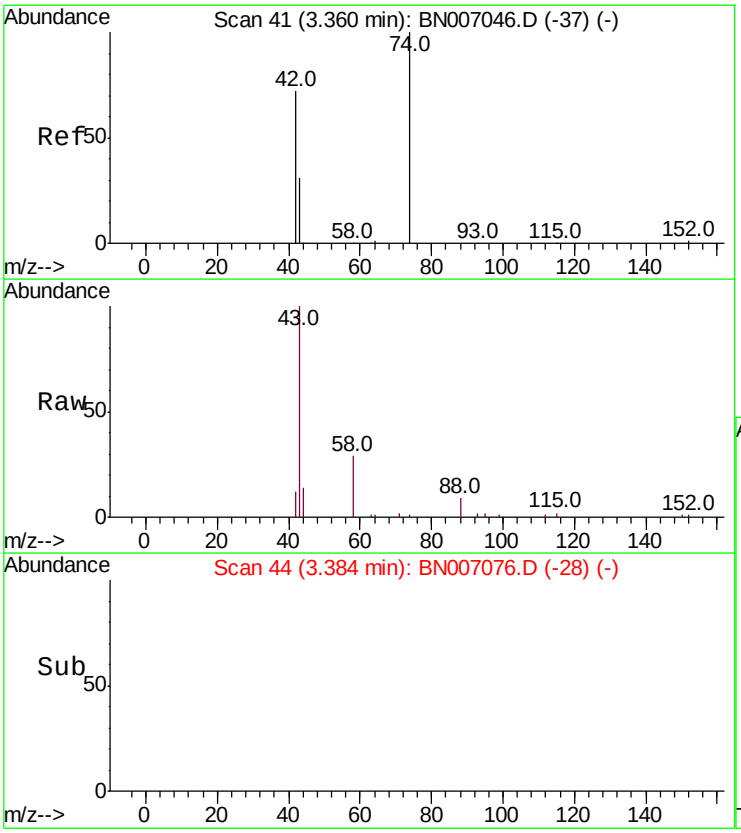
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9874

Ion	Ratio	Lower	Upper
152	100		
150	152.0	121.7	182.5
115	56.0	46.2	69.4

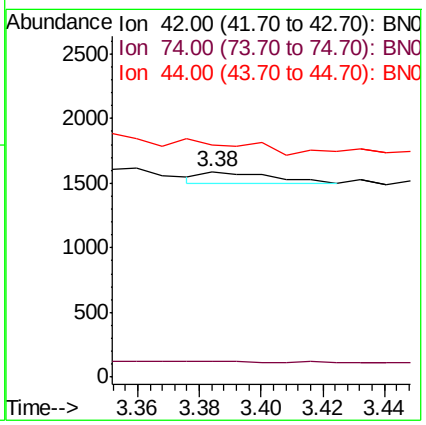


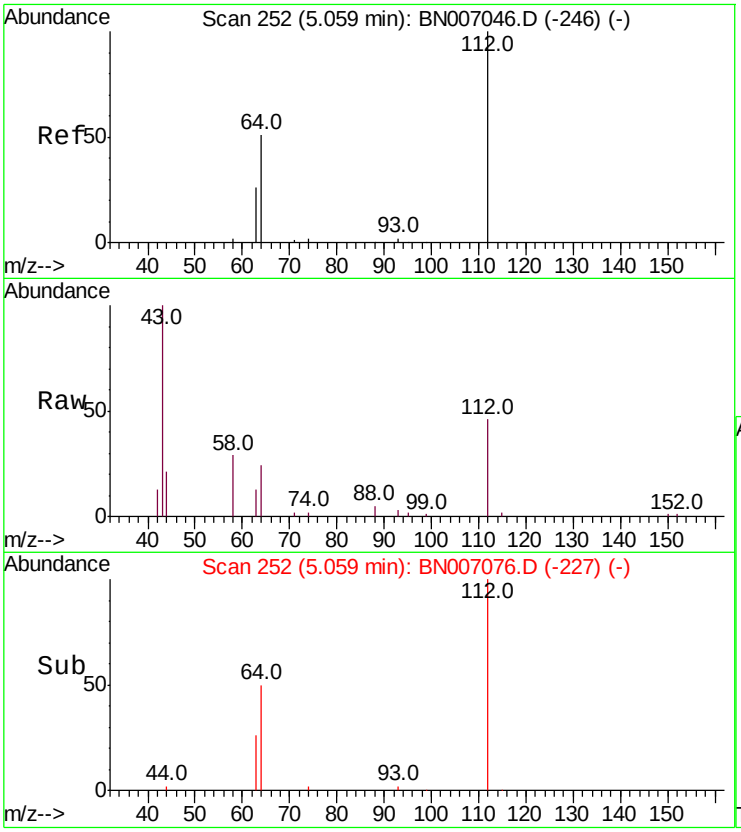


#2
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.38 min Scan# 44
Delta R.T. 0.02 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion: 42 Resp: 145

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.6	166.0#
44	0.0	0.0	0.0



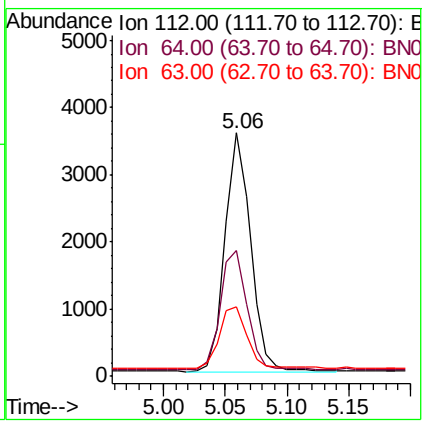


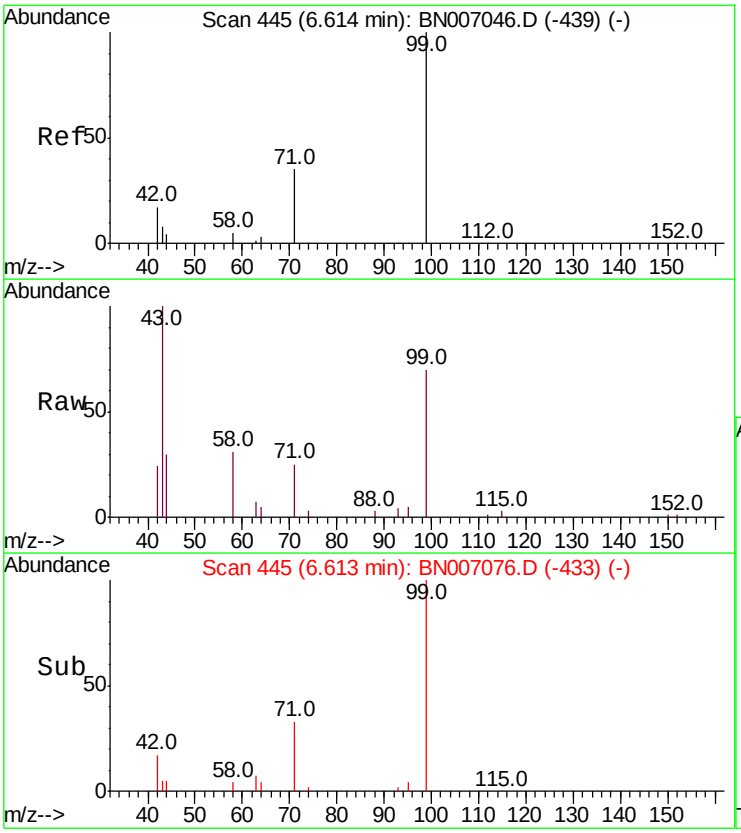
#3
2-Fluorophenol
Concen: 0.215 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5112

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.6	63.8
63	28.0	22.2	33.2

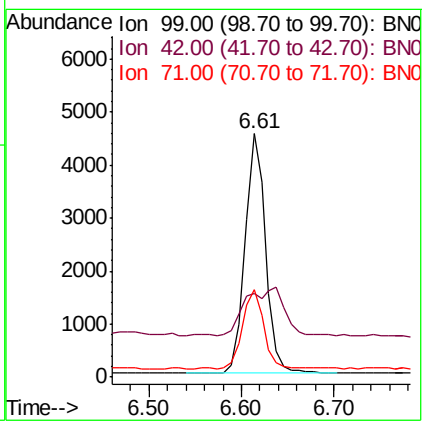


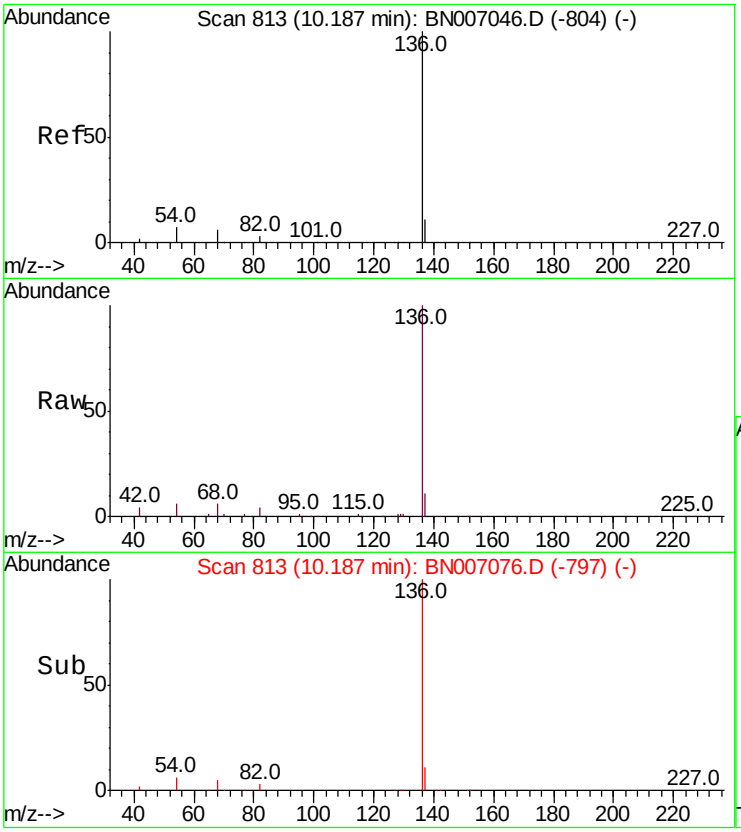


#4
Phenol-d6
Concen: 0.237 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion: 99 Resp: 6956

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.8	27.0	40.4



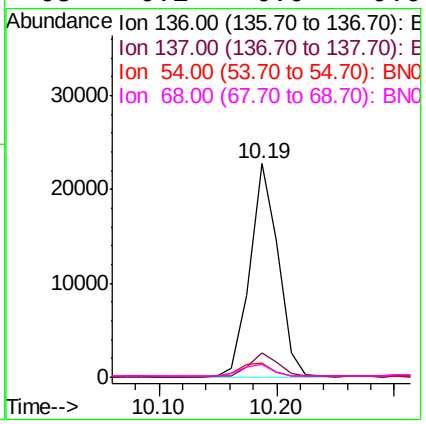


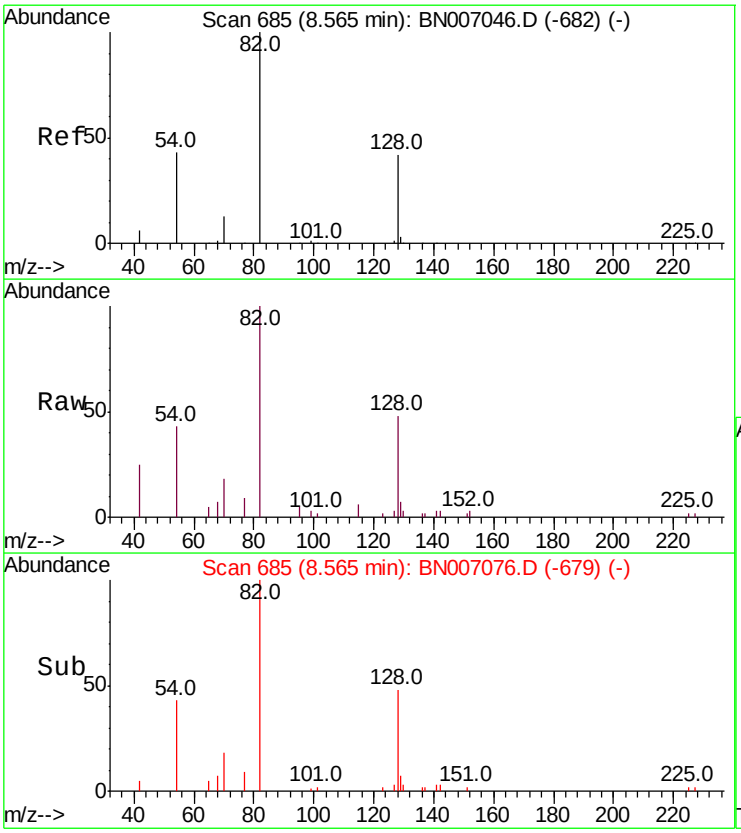
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 37843

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.4	6.6	9.8#
68	6.1	6.0	9.0

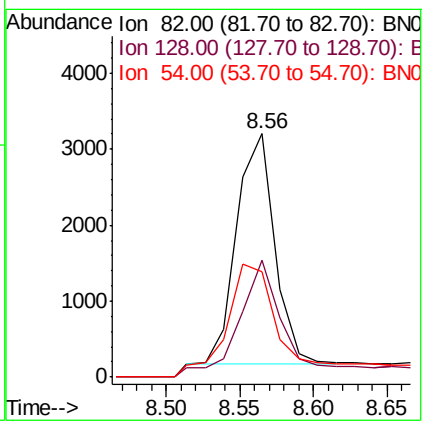


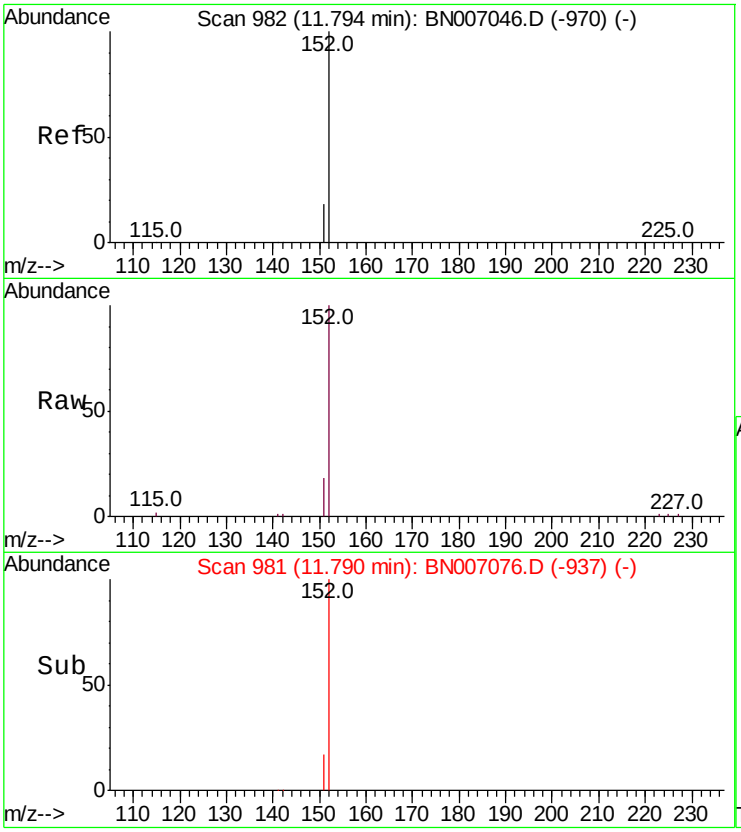


#7
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion: 82 Resp: 5409

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	51.8
54	43.4	36.2	54.4

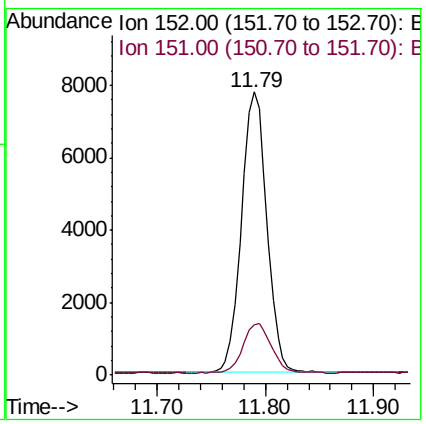




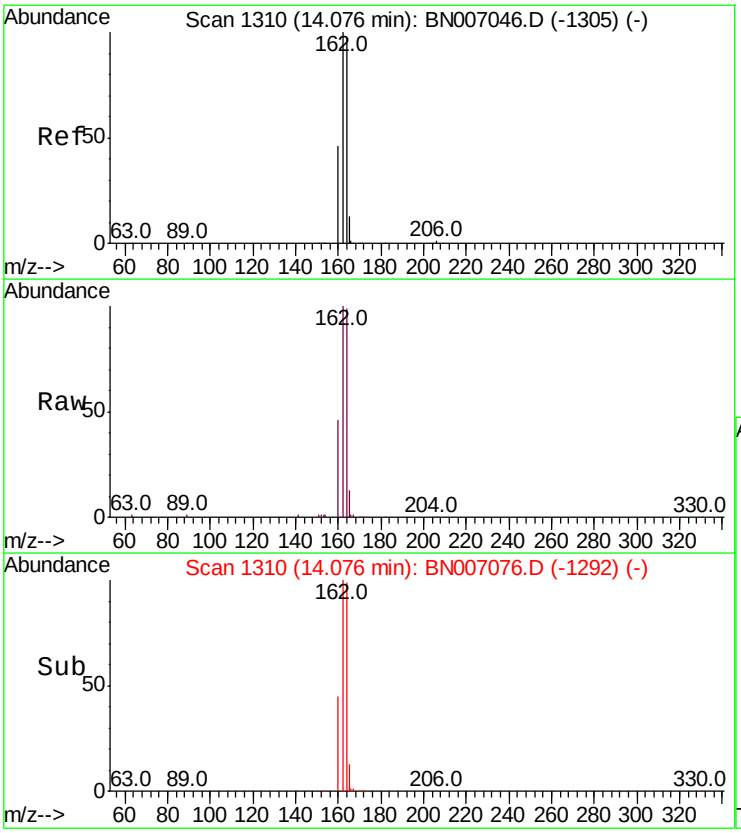
#10
2-Methylnaphthalene-d10
Concen: 0.179 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:152 Resp: 12598

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



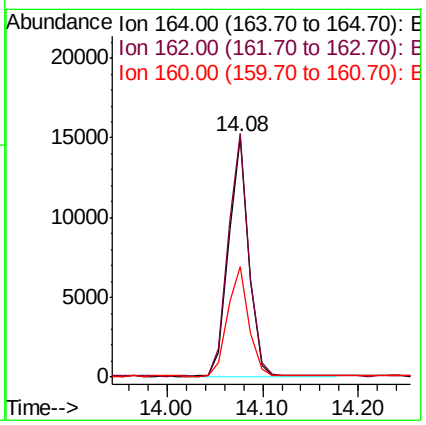
Instrument :
BNA_N
ClientSampleId :

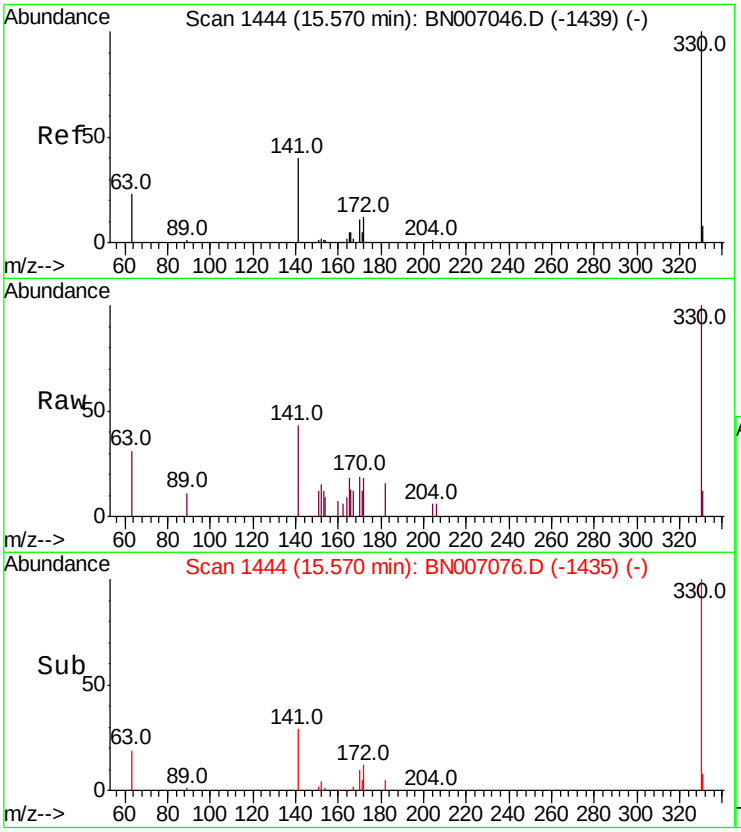


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:164 Resp: 21845

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.4
160	46.1	38.3	57.5



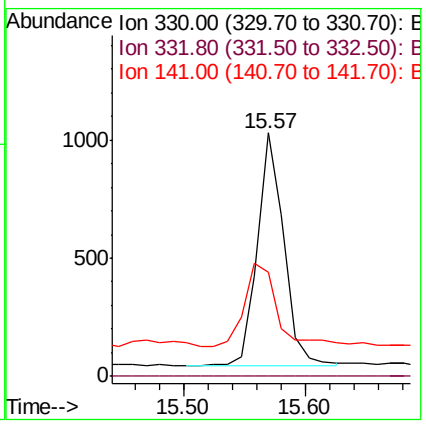


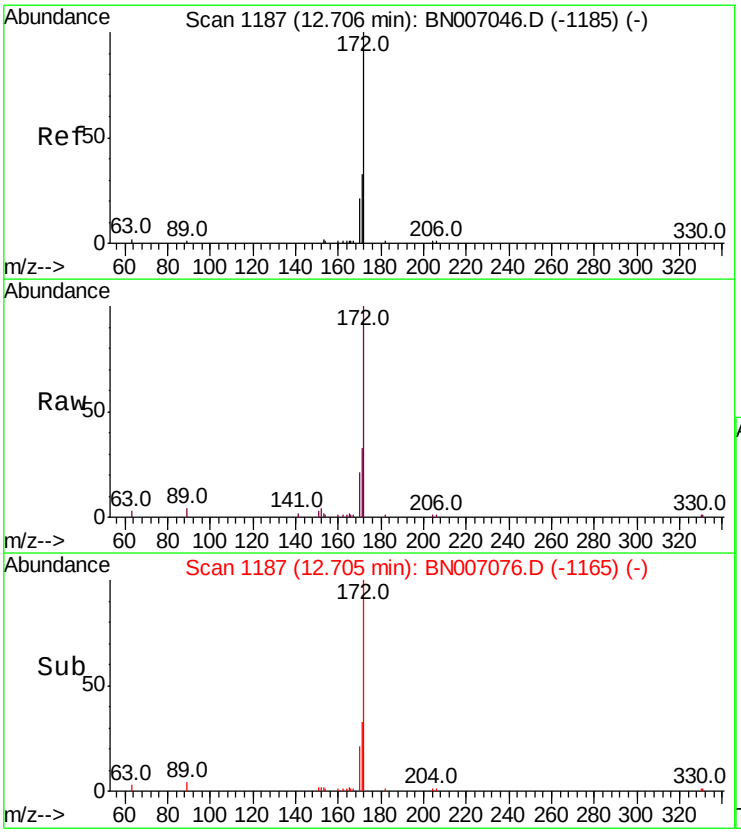
#13
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1482

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.2	33.6	50.4

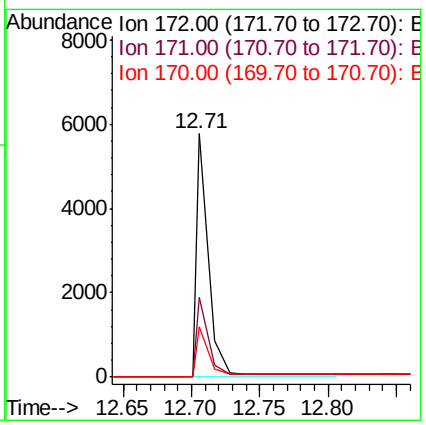


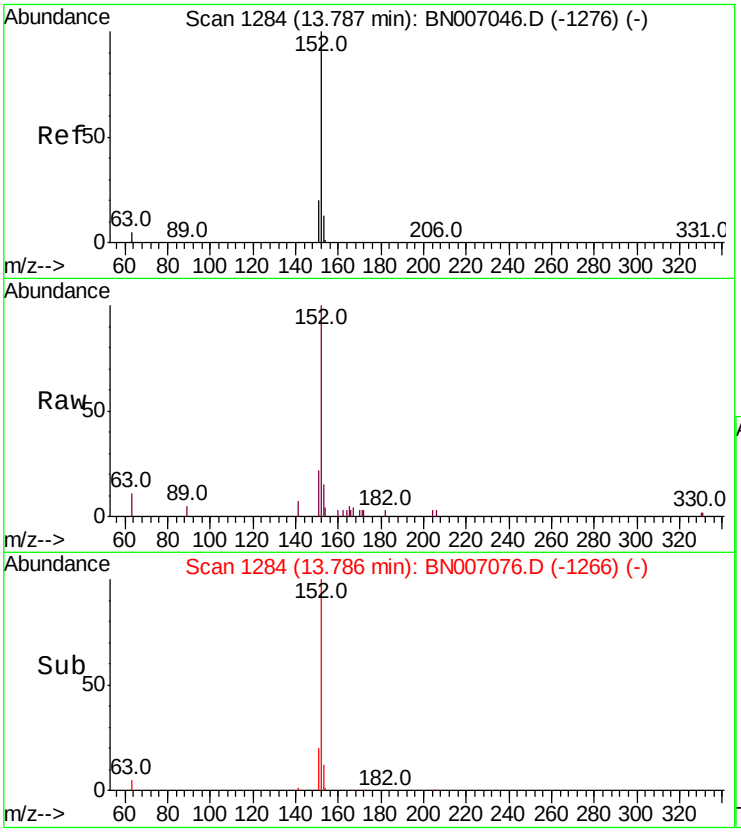


#14
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:172 Resp: 4303

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.3	39.5
170	20.7	17.0	25.4



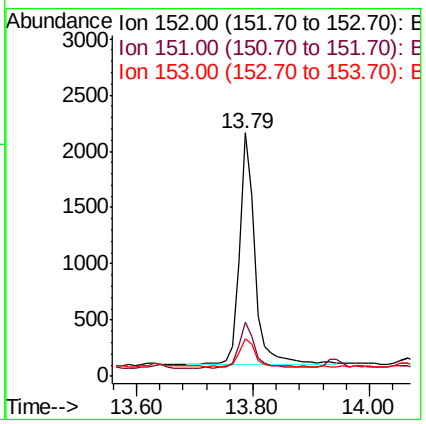


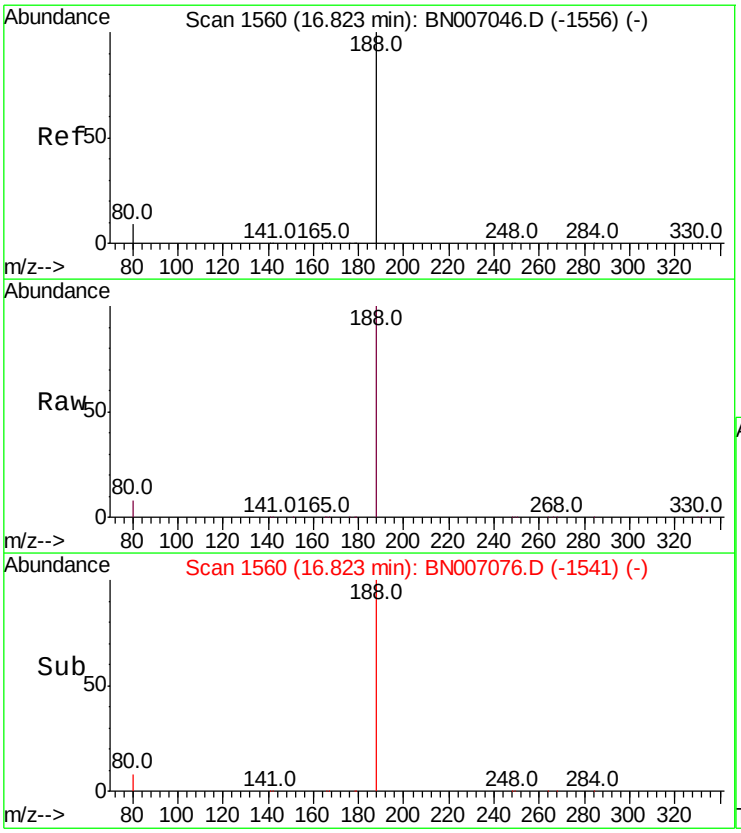
#15
Acenaphthylene
Concen: 0.034 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3840

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	14.3	10.4	15.6

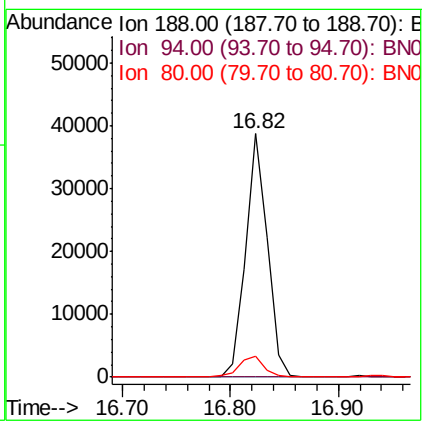


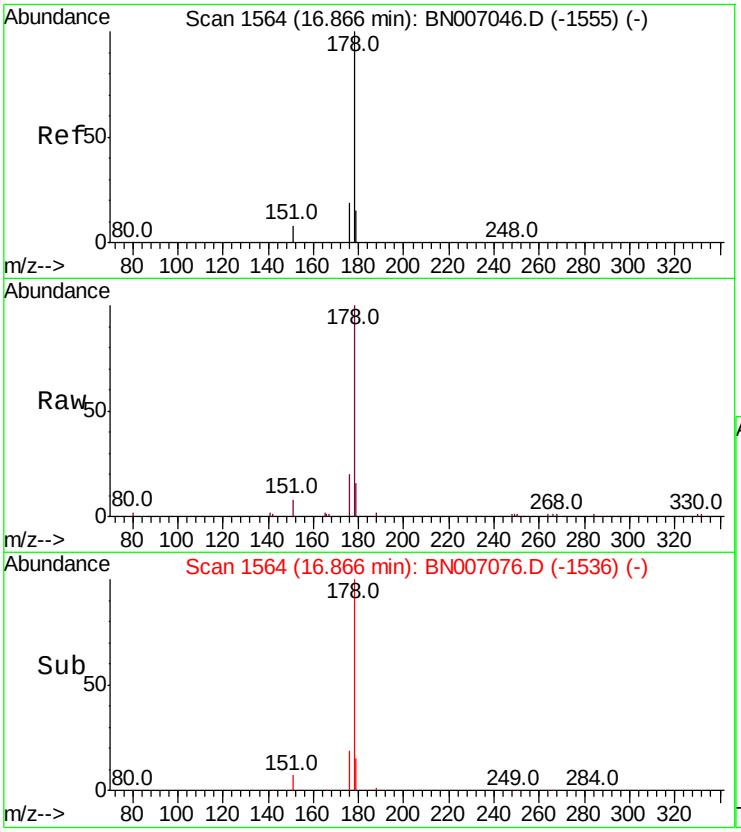


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:188 Resp: 53639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.8	11.6



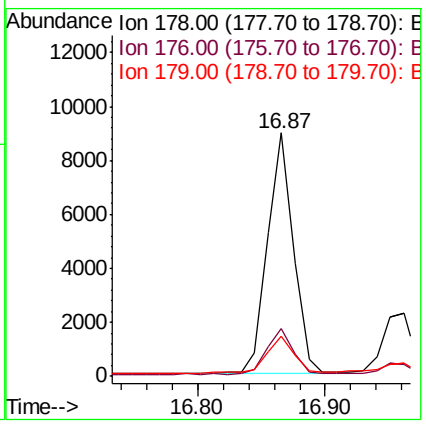


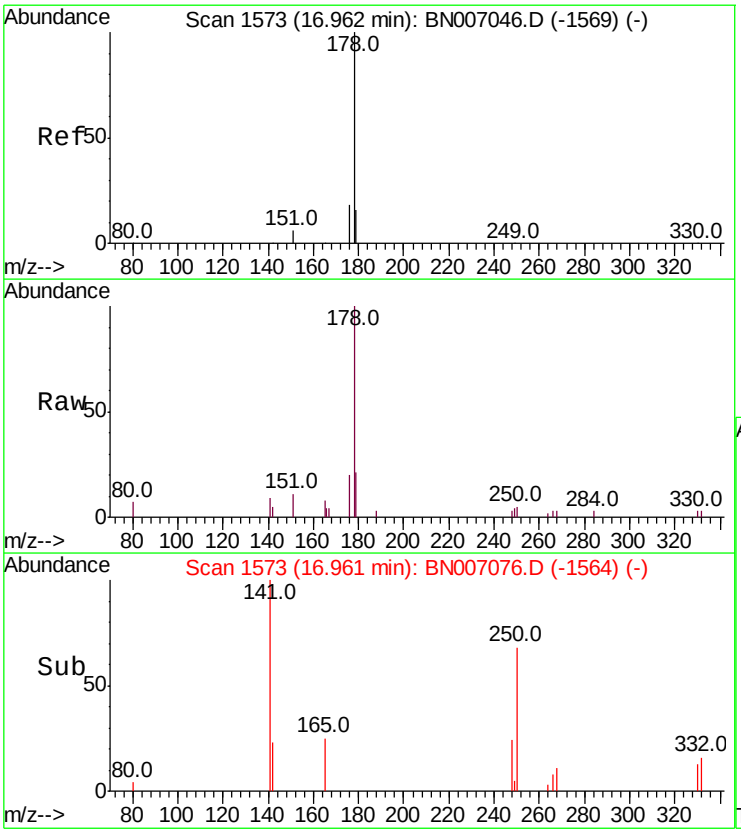
#22
Phenanthrene
Concen: 0.078 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12555

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	16.3	12.3	18.5

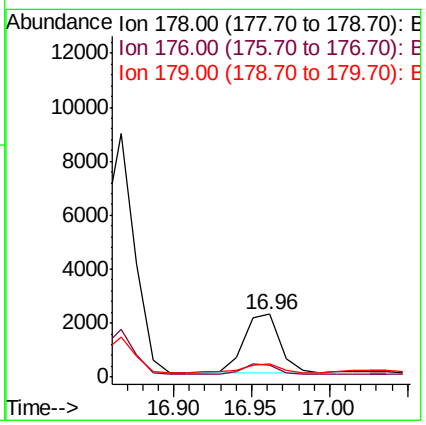


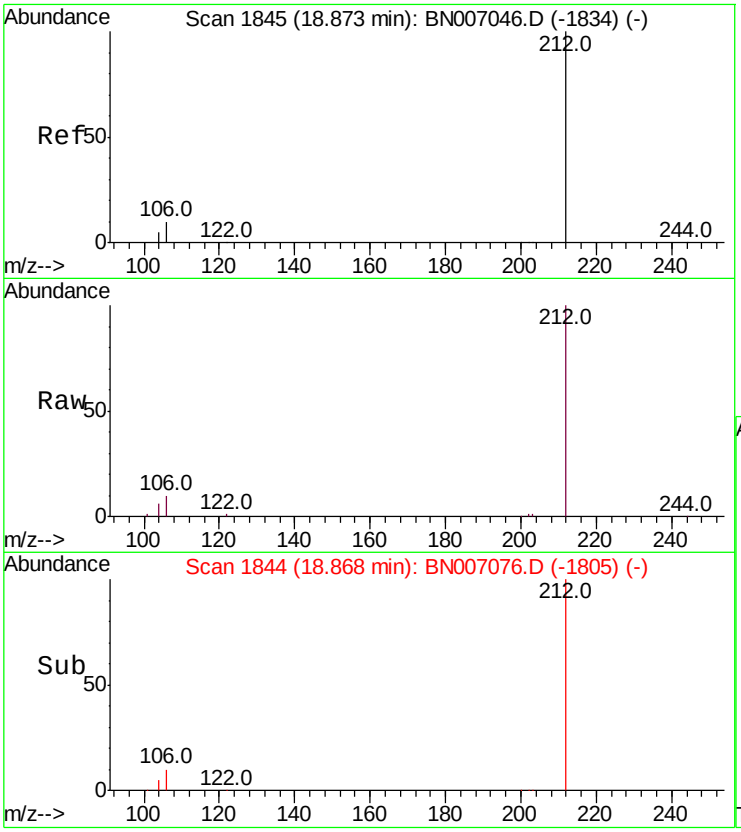


#23
Anthracene
Concen: 0.025 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:178 Resp: 3611

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	16.6	12.5	18.7



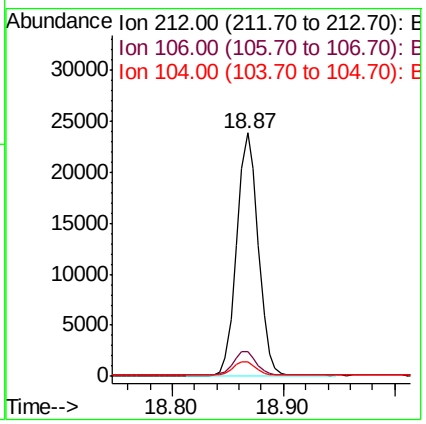


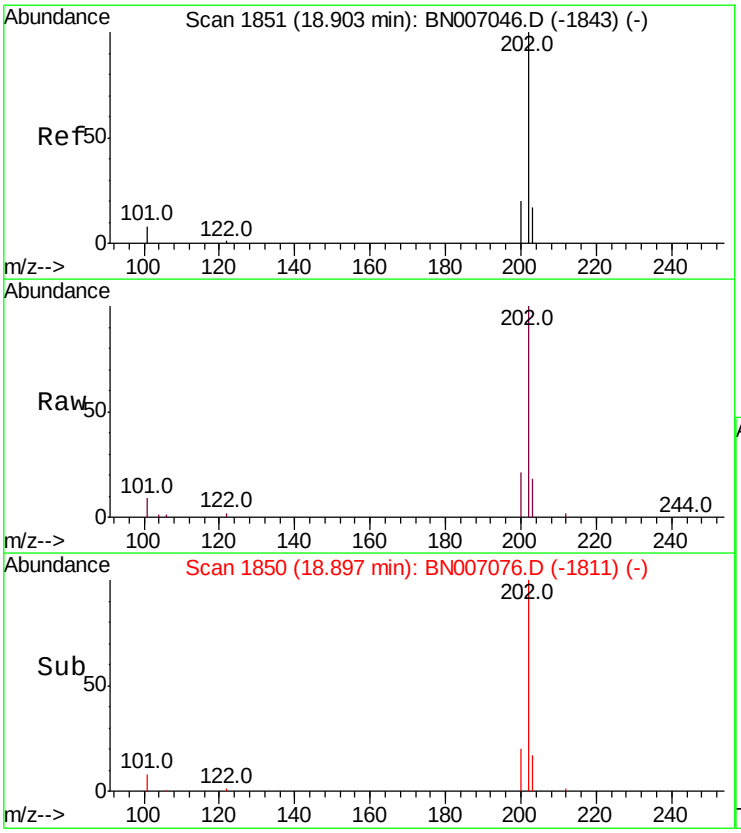
#24
Fluoranthene-d10
Concen: 0.167 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 31773

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.6	4.5	6.7

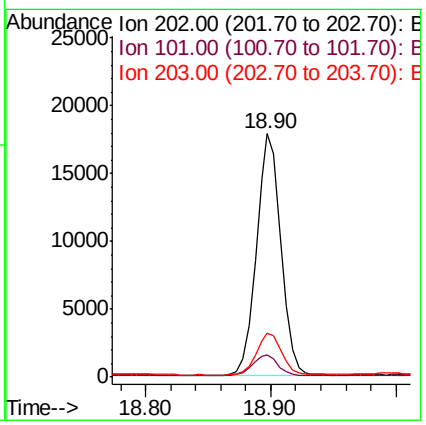


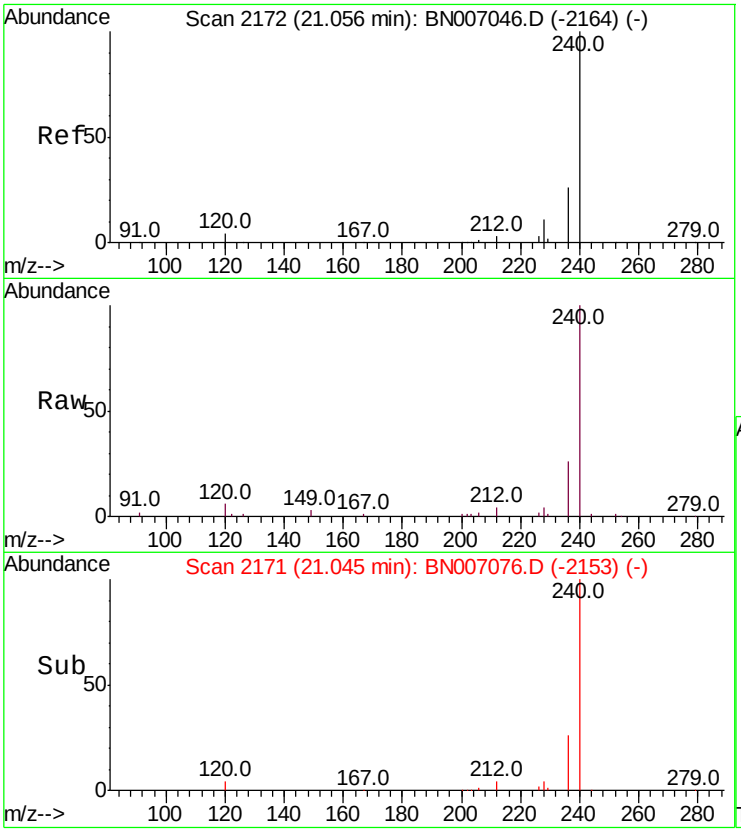


#25
Fluoranthene
Concen: 0.117 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:202 Resp: 24161

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
203	17.7	13.8	20.8



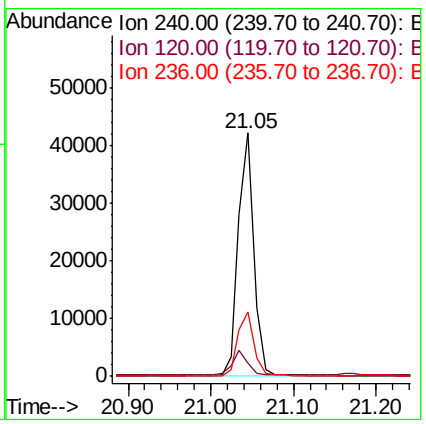


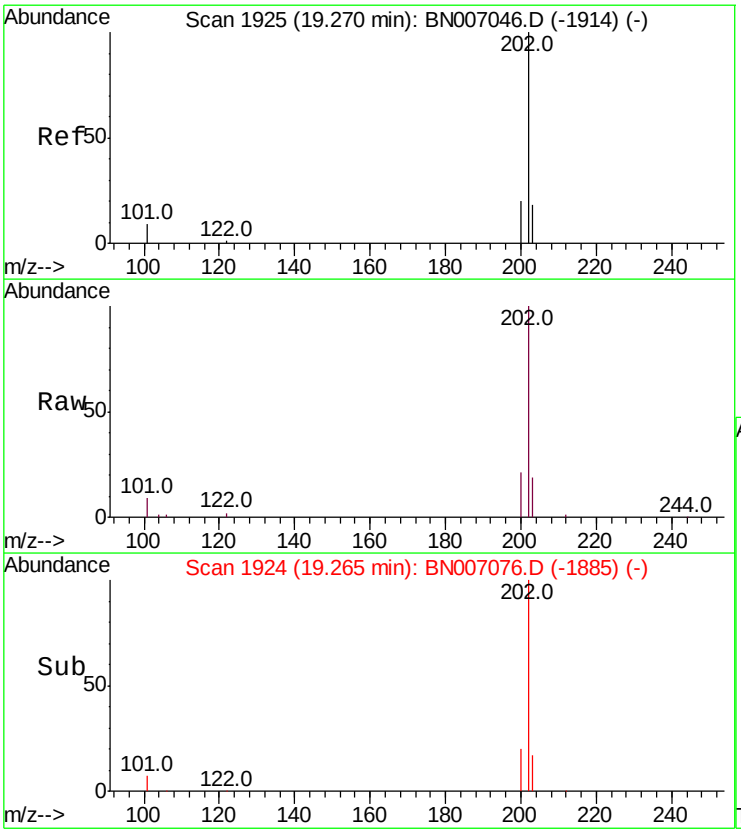
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 55253

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.0	6.0
236	26.3	21.3	31.9

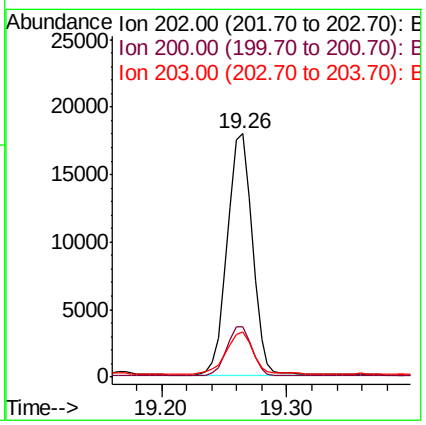


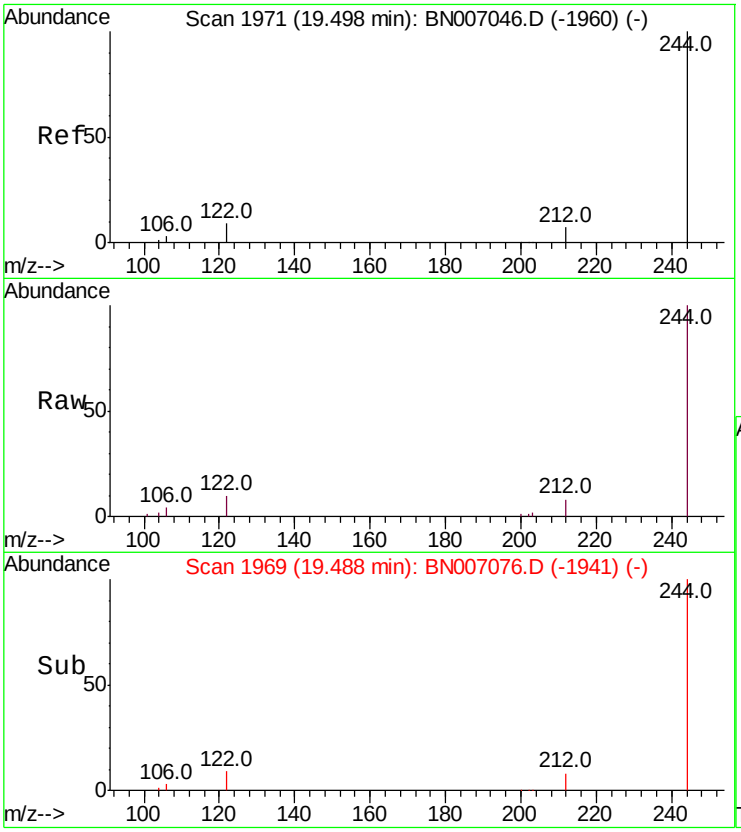


#27
Pyrene
Concen: 0.128 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:202 Resp: 24834

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	19.7	14.0	21.0



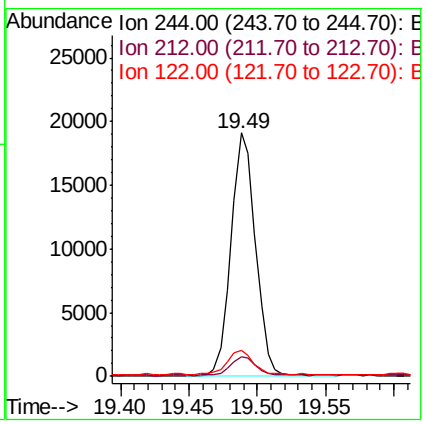


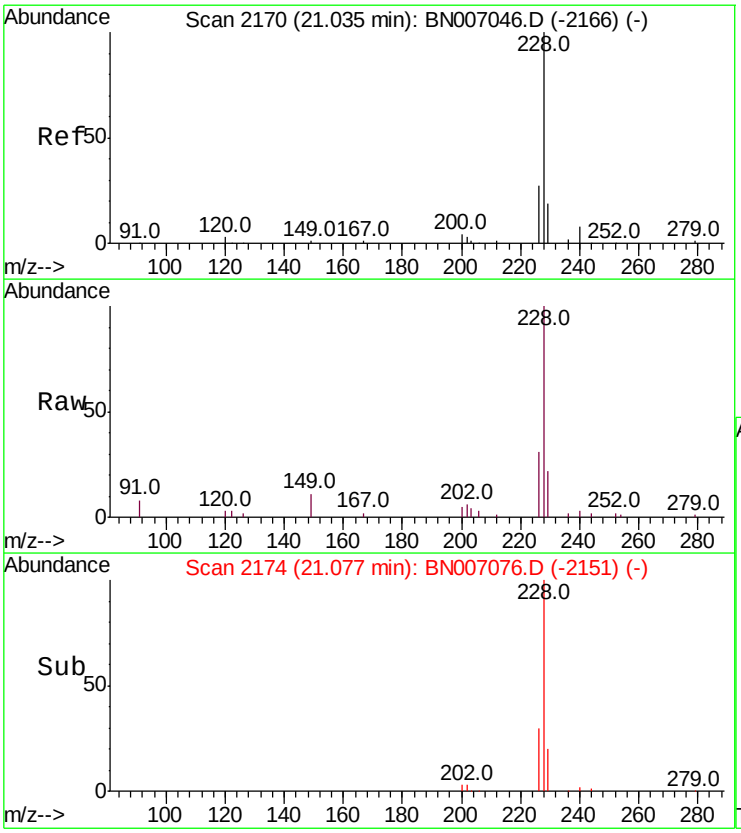
#28
Terphenyl-d14
Concen: 0.155 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 23379

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.5	7.4	11.2

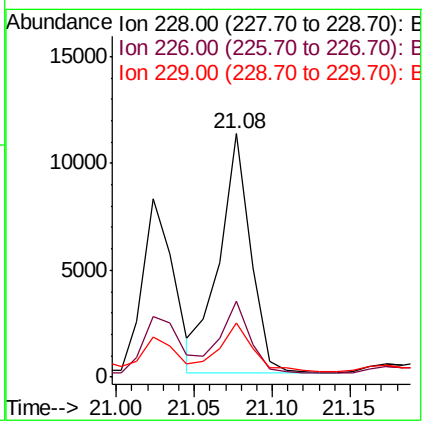


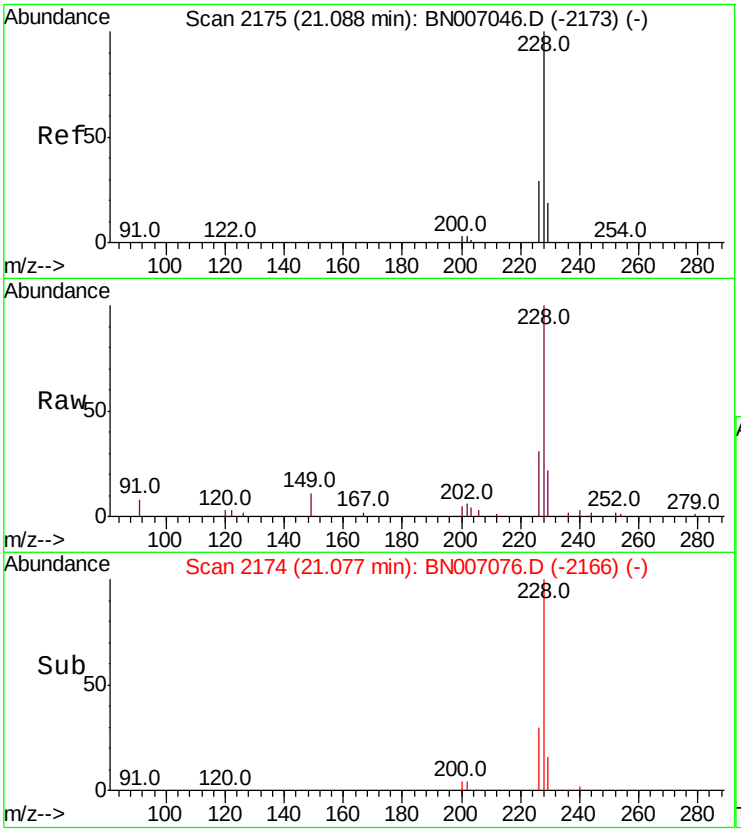


#29
Benzo(a)anthracene
Concen: 0.077 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:228 Resp: 15653

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	22.3	15.6	23.4



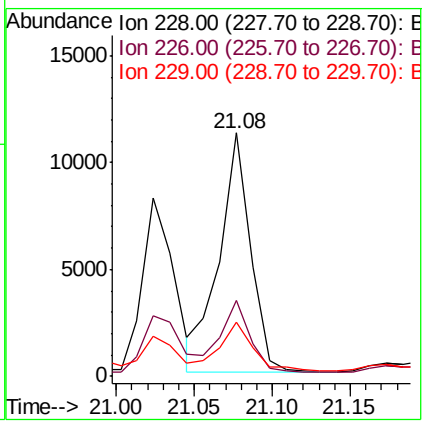


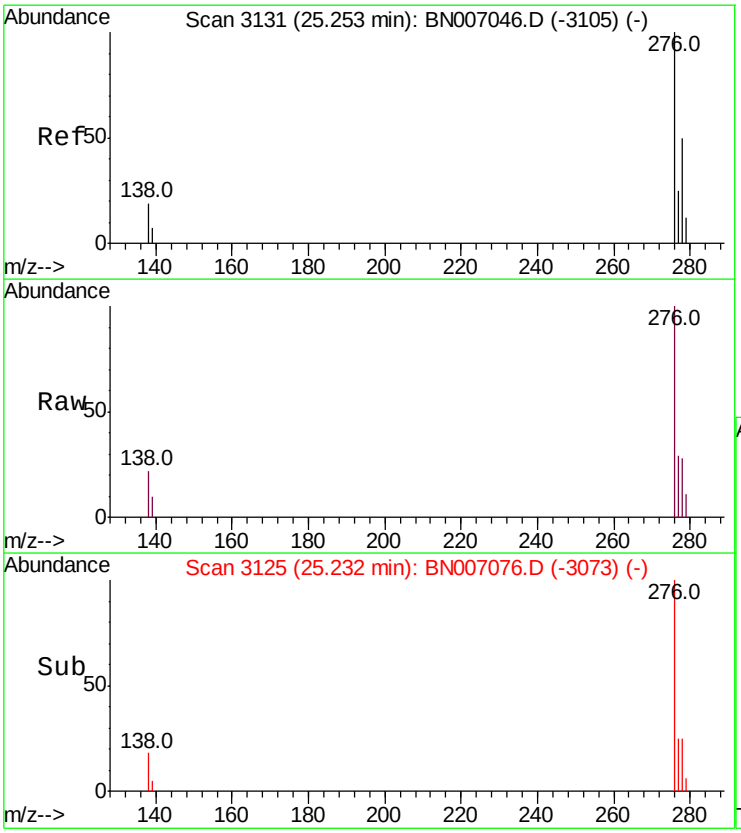
#30
Chrysene
Concen: 0.079 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 15604

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	22.3	15.7	23.5

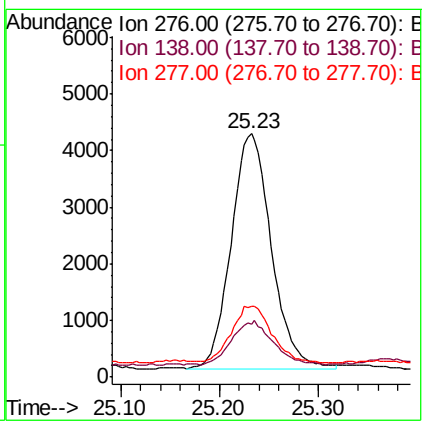


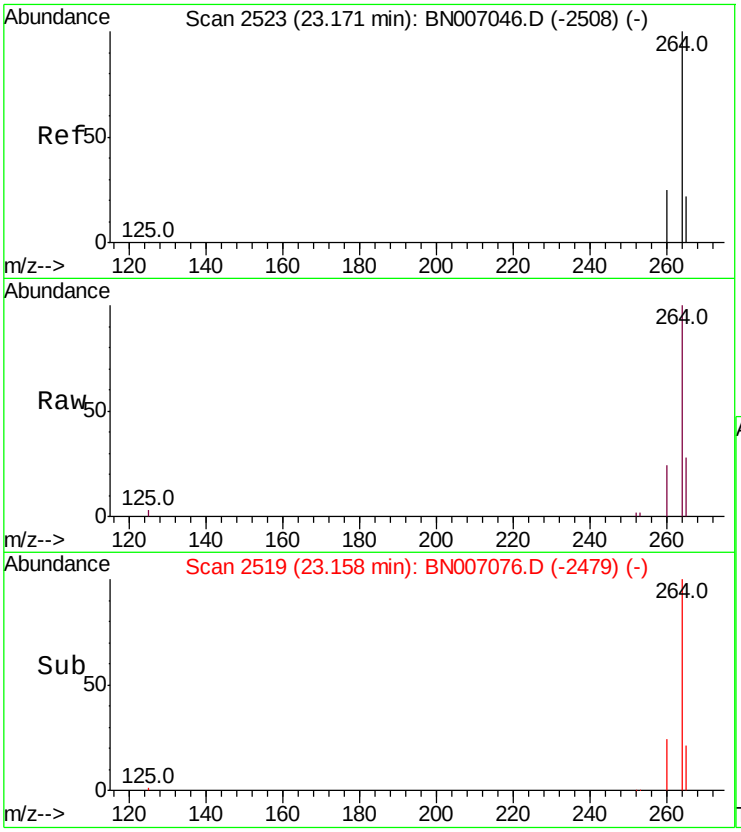


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:276 Resp: 11656

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.0	24.0
277	23.7	19.9	29.9



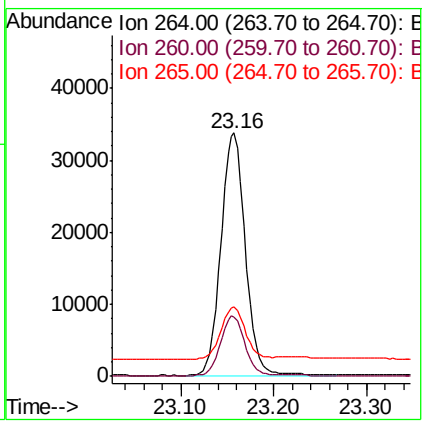


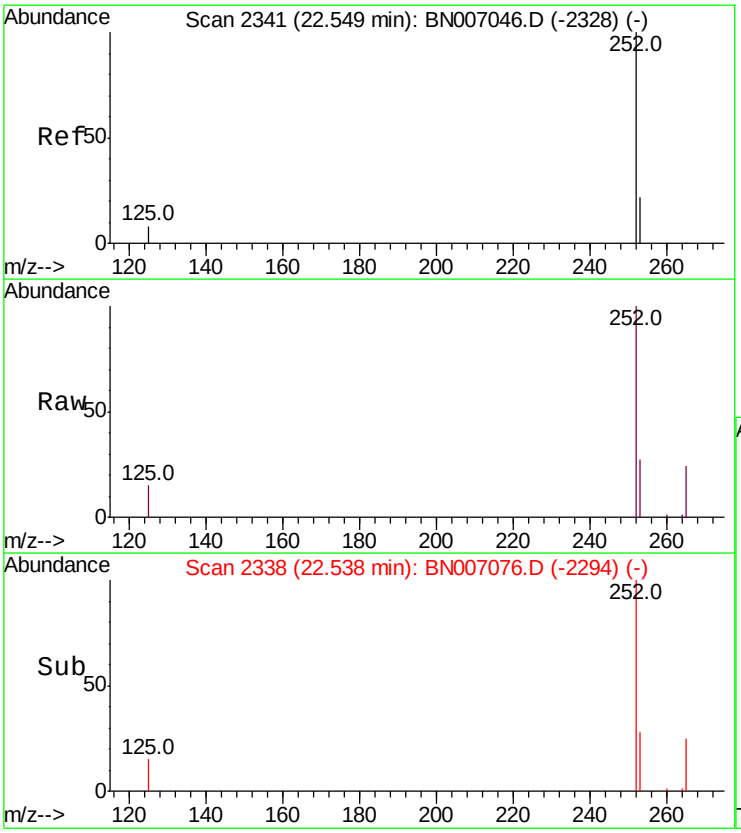
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 62146

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	28.3	26.2	39.4

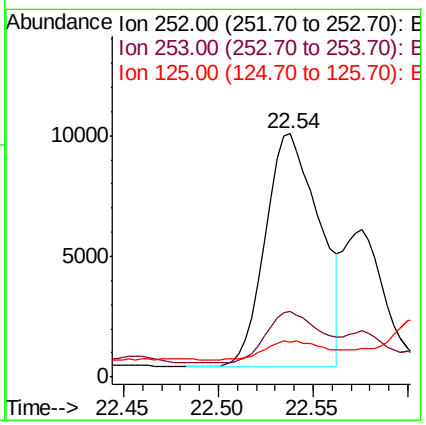


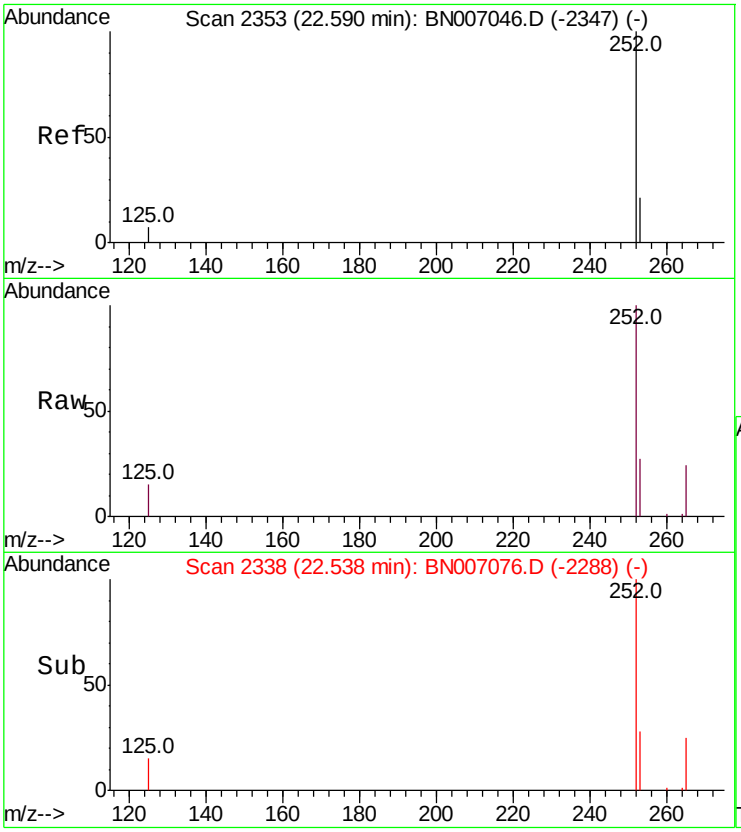


#33
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:252 Resp: 19218

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	14.6	7.4	11.0#



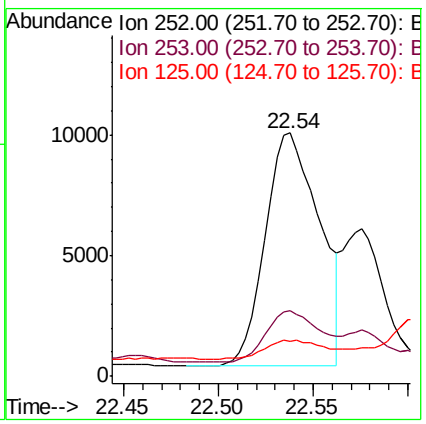


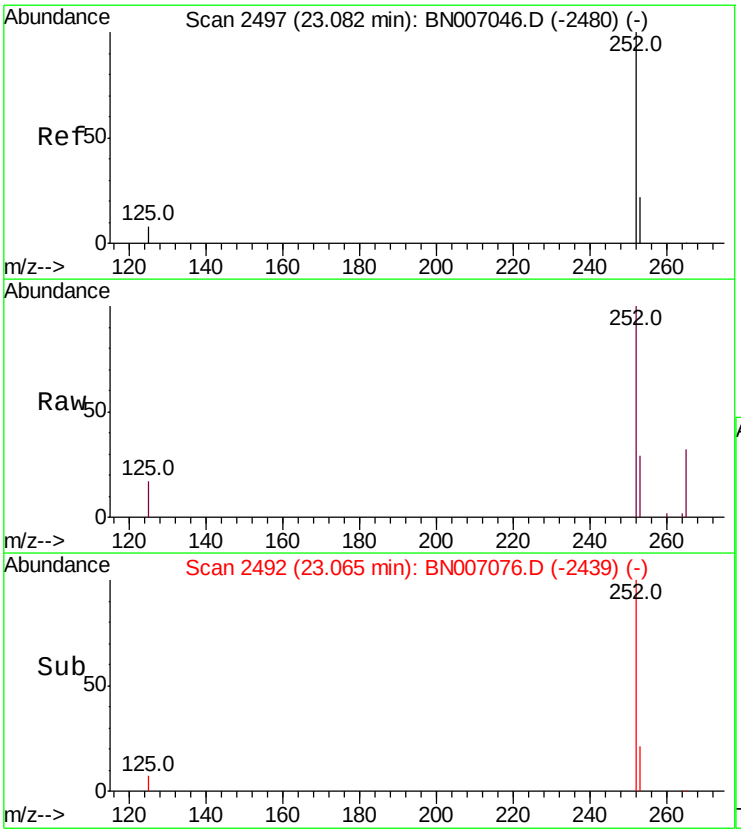
#34
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19218

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.1	27.1
125	14.6	7.4	11.0#

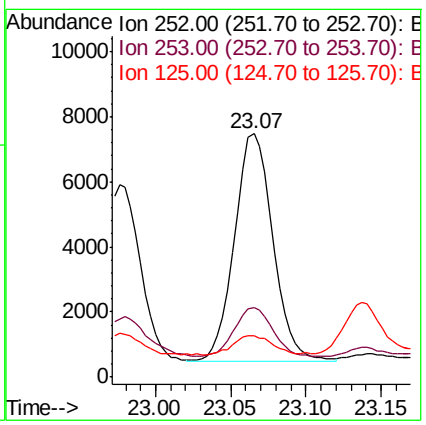


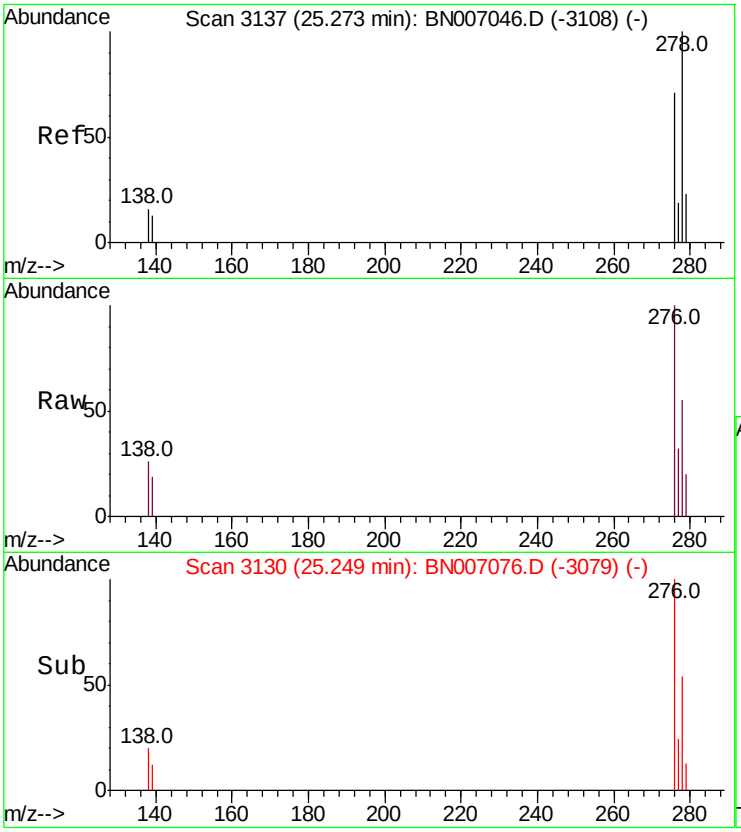


#35
Benzo(a)pyrene
Concen: 0.063 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:252 Resp: 12217

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.5	27.7#
125	16.8	8.2	12.4#



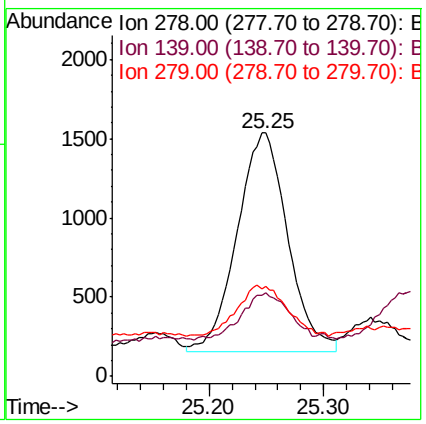


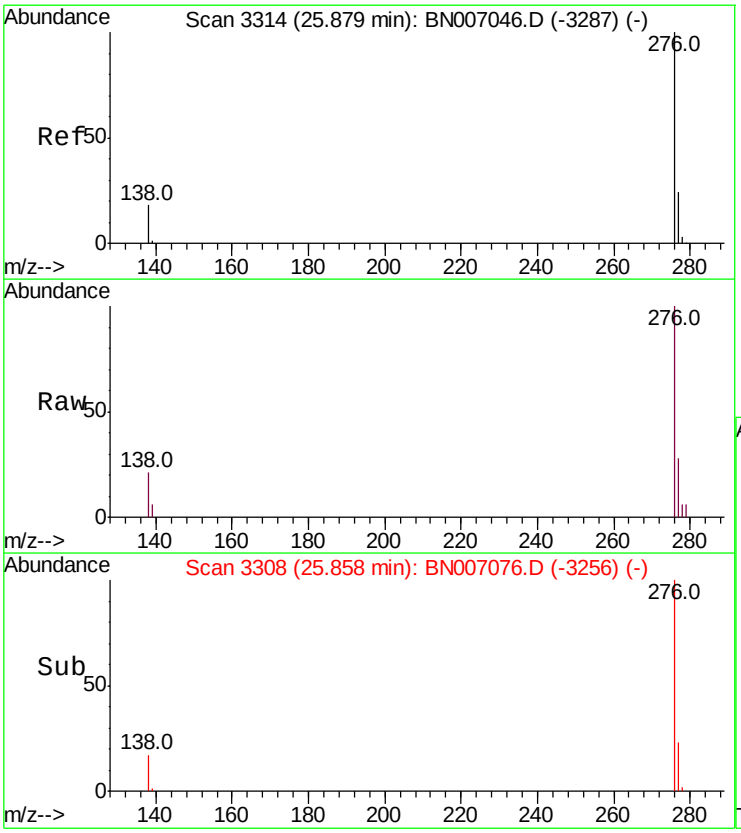
#36
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 4232

Ion	Ratio	Lower	Upper
278	100		
139	34.3	11.3	16.9#
279	37.2	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007076.D
Acq: 11 Aug 2019 08:36

Tgt Ion:276 Resp: 12288

Ion	Ratio	Lower	Upper
276	100		
277	27.9	19.8	29.8
138	21.3	14.6	22.0