

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005242.D
 Acq On : 24 Apr 2019 07:44
 Operator : JU/SJ
 Sample : K2455-22 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2

Quant Time: Apr 24 08:57:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	502131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1843063	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.23	164	1186809	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2354815	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1998074	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2310887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9896	0.95	ng/uL	0.00
5) Phenol-d5	6.78	99	75569	1.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	56009	2.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	61317	2.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	35199	1.14	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	20267	1.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	27255	2.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	57436	2.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	124584	4.58	ng/ul	0.05
43) Dimethylphthalate-d6	13.66	166	237207	2.75	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	254991	2.41	ng/ul	0.01
51) 4-Nitrophenol-d4	14.45	143	37682	2.77	ng/ul	0.01
57) Fluorene-d10	15.23	176	193948	2.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	1123	0.11	ng/ul	0.00
70) Anthracene-d10	17.10	188	261669	2.65	ng/ul	0.01
78) Pyrene-d10	19.40	212	277741	2.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	257729	2.55	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.76	77	79845	2.857	ng/ul#	1
14) Acetophenone	8.39	105	117931	2.390	ng/ul#	33
17) Hexachloroethane	8.69	117	686014	50.630	ng/ul#	6
30) 4-Chloroaniline	10.49	127	20393144	736.478	ng/ul#	13
32) Caprolactam	11.30	113	12937	1.644	ng/ul#	1
34) 2-Methylnaphthalene	11.92	142	577287	9.202	ng/ul#	65
40) 1,1'-Biphenyl	13.07	154	7001655	79.179	ng/ul	99
47) Acenaphthylene	13.96	152	15963725	153.515	ng/ul#	90
49) Acenaphthene	14.30	153	2572956	36.243	ng/ul	99
53) Dibenzofuran	14.64	168	2580426	25.246	ng/ul	92
54) 2,4-Dinitrotoluene	14.61	165	183002	8.564	ng/ul#	60
58) Fluorene	15.30	166	12052705	151.117	ng/ul	98
60) 4-Nitroaniline	15.30	138	146877	8.550	ng/ul#	15
64) N-Nitrosodiphenylamine	15.51	169	216071	3.353	ng/ul#	43
69) Phenanthrene	17.13	178	10248912	89.367	ng/ul	98
71) Anthracene	17.13	178	10248912	87.727	ng/ul	98
74) Carbazole	17.39	167	310538	3.094	ng/ul#	89
76) Fluoranthene	19.07	202	11143141	87.600	ng/ul	100
79) Pyrene	19.33	202	698839	5.432	ng/ul	95
82) Benzo(a)anthracene	21.26	228	5226570	42.048	ng/ul	95
84) Chrysene	21.26	228	5230754	45.342	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	3348102	25.774	ng/ul	100
88) Benzo(k)fluoranthene	22.78	252	3348102	26.987	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005242.D
Acq On : 24 Apr 2019 07:44
Operator : JU/SJ
Sample : K2455-22 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS2

Quant Time: Apr 24 08:57:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

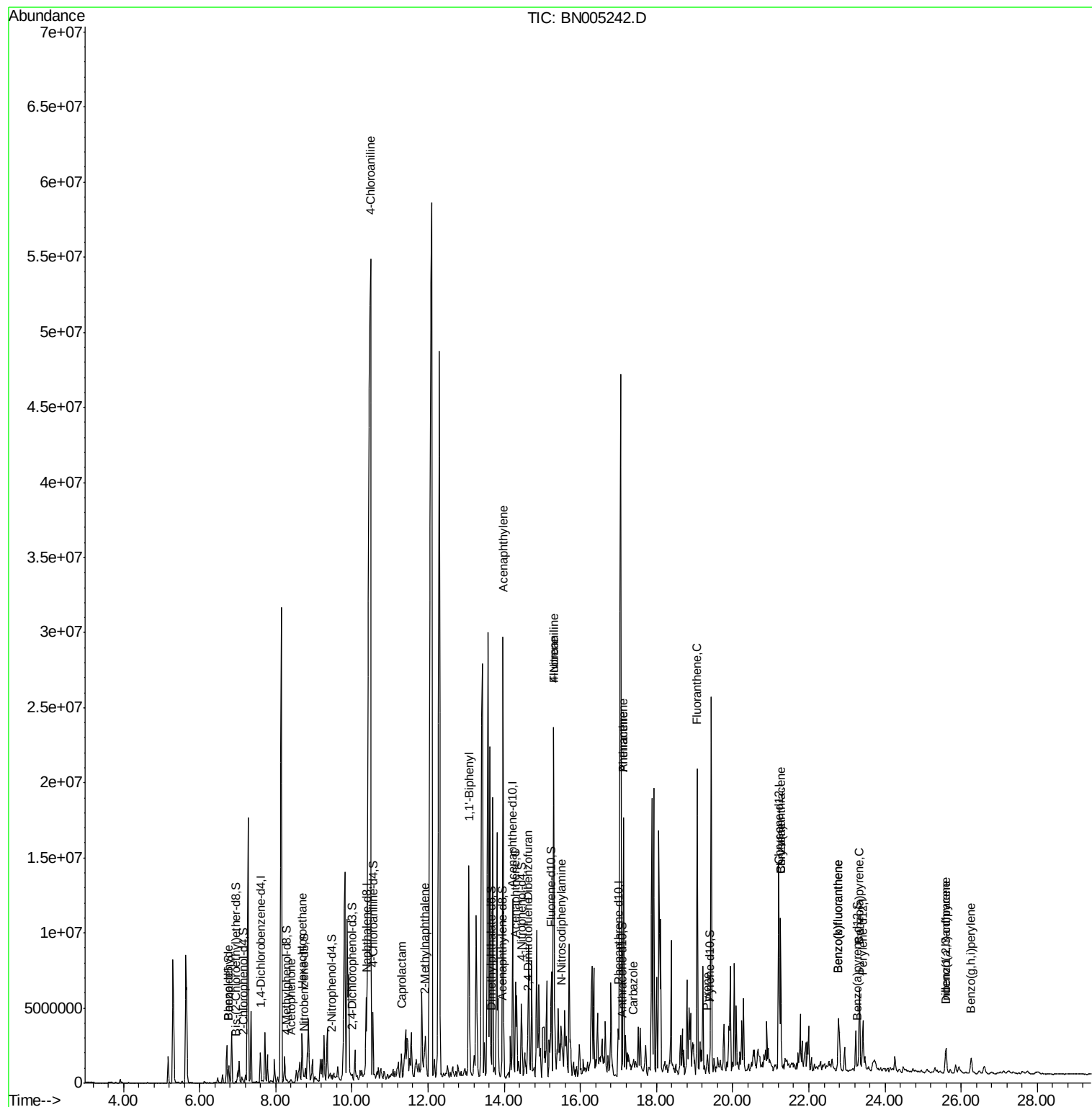
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.33	252	4157965	34.054	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1491916	11.052	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	484264	4.227	ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	1190479	10.665	ng/ul	99

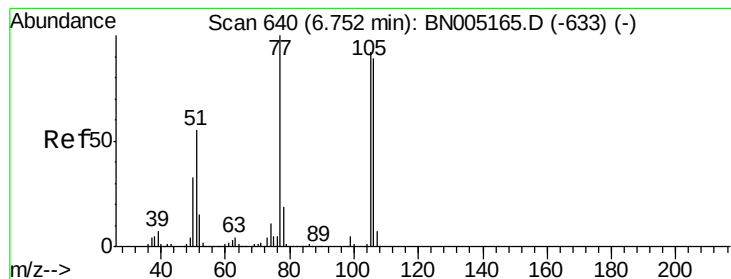
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005242.D
Acq On : 24 Apr 2019 07:44
Operator : JU/SJ
Sample : K2455-22 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS2

Quant Time: Apr 24 08:57:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.857 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

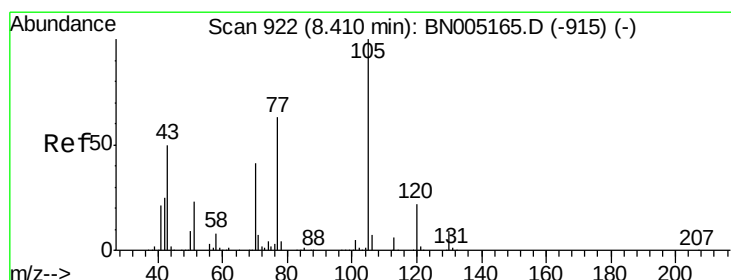
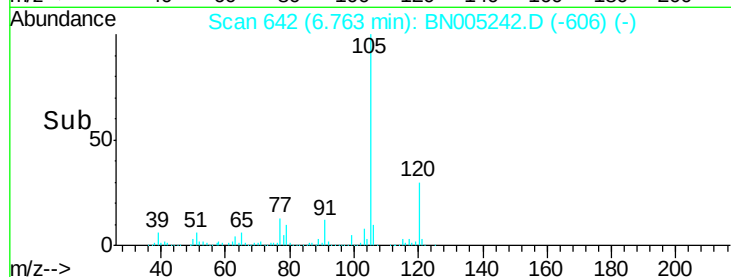
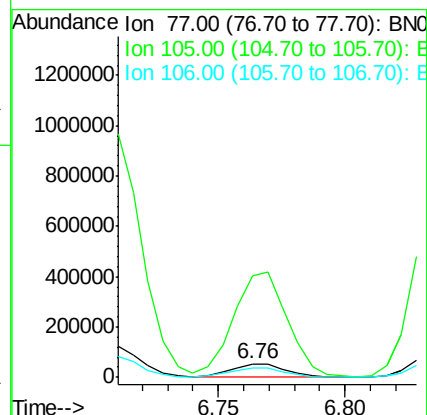
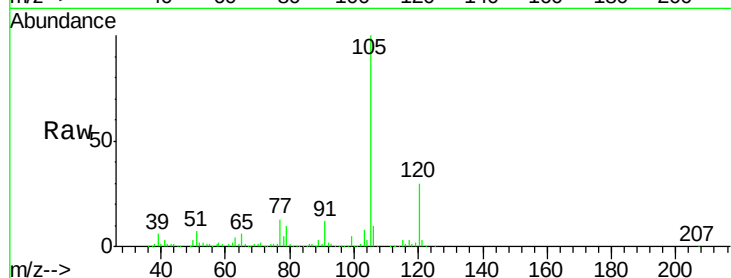
Tgt Ion: 77 Resp: 79845

Ion Ratio Lower Upper

77 100

105 757.4 77.4 116.2#

106 73.3 76.3 114.5#



#14

Acetophenone

Concen: 2.390 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.02 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

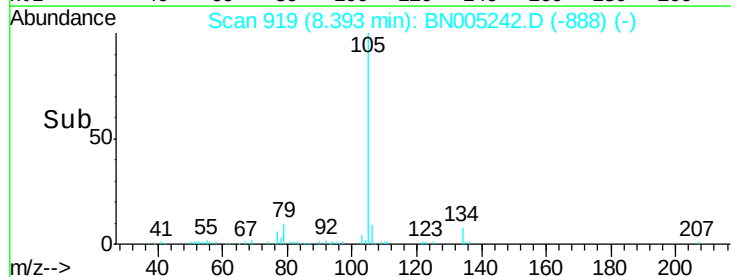
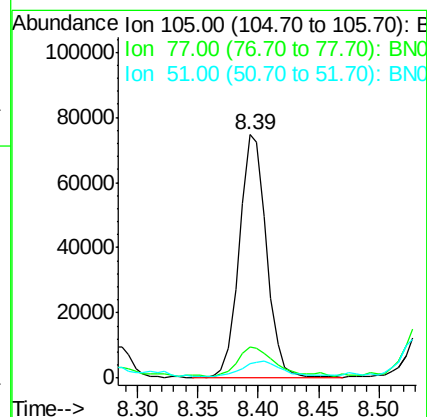
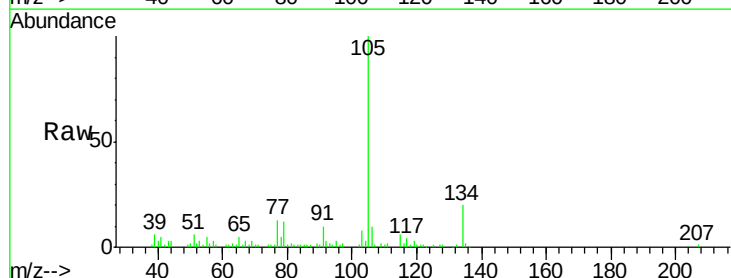
Tgt Ion: 105 Resp: 117931

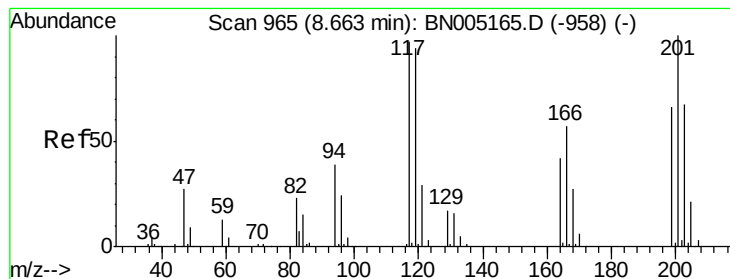
Ion Ratio Lower Upper

105 100

77 13.1 63.4 95.0#

51 6.1 24.2 36.4#





#17

Hexachloroethane

Concen: 50.630 ng/ul

RT: 8.69 min Scan# 970

Delta R.T. 0.03 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

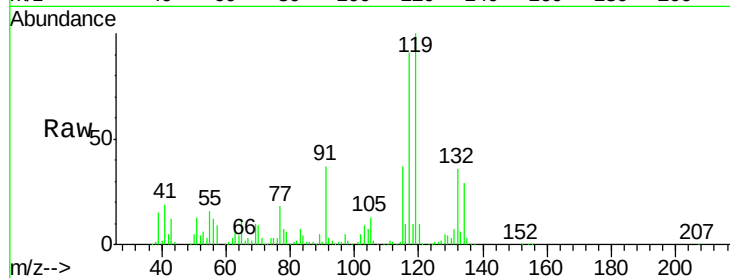
Tgt Ion:117 Resp: 686014

Ion Ratio Lower Upper

117 100

201 0.0 84.1 126.1#

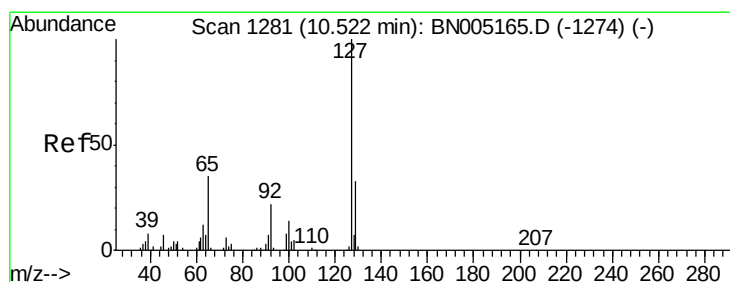
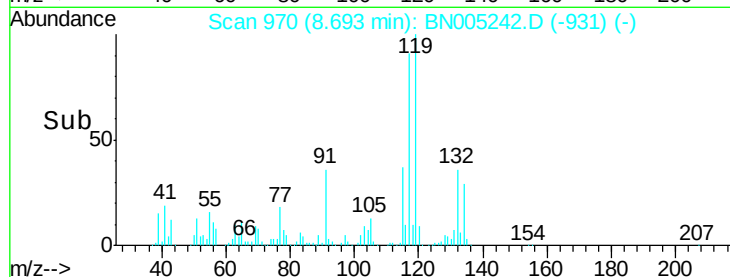
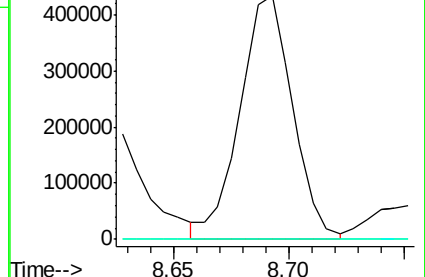
199 0.0 51.2 76.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#30

4-Chloroaniline

Concen: 736.478 ng/ul

RT: 10.49 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BN005242.D

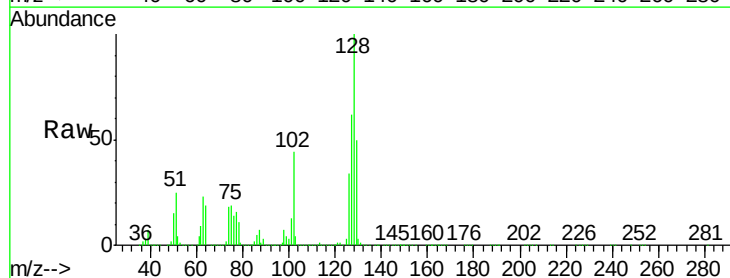
Acq: 24 Apr 2019 07:44

Tgt Ion:127 Resp:20393144

Ion Ratio Lower Upper

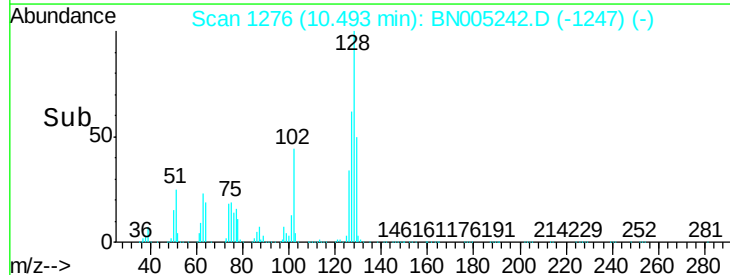
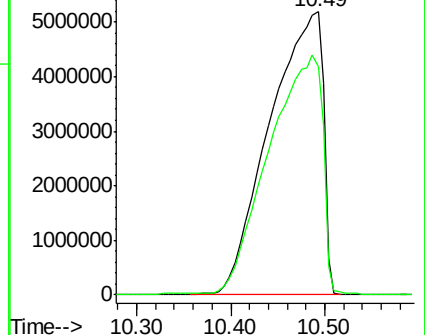
127 100

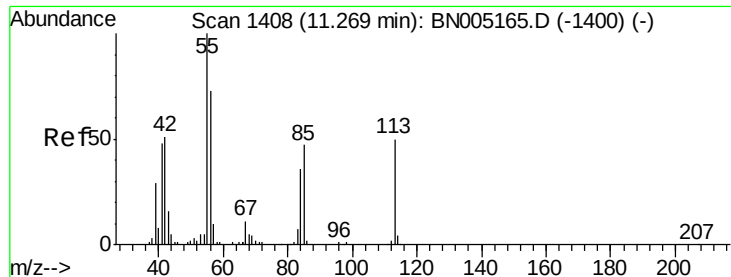
129 80.9 25.8 38.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 1.644 ng/ul

RT: 11.30 min Scan# 1413

Delta R.T. 0.03 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

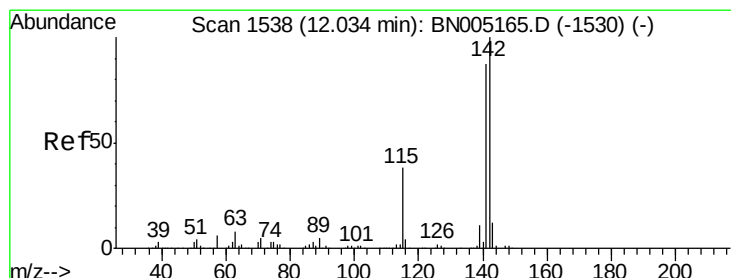
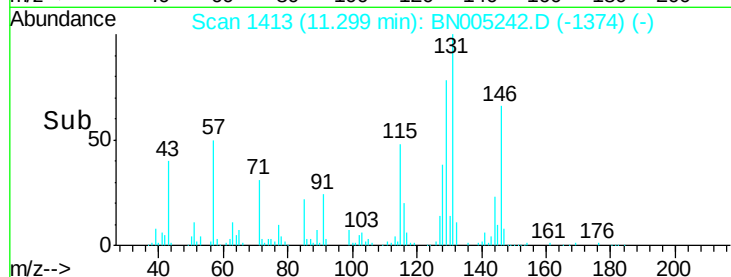
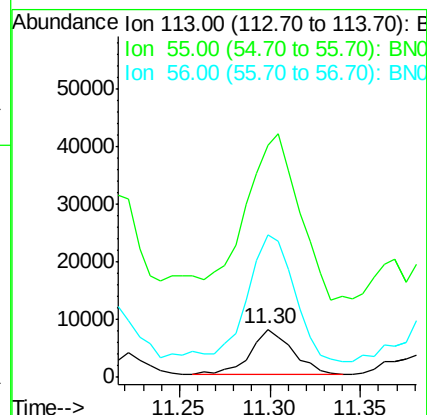
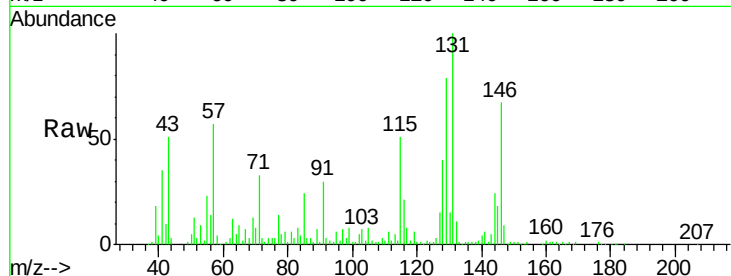
Tgt Ion:113 Resp: 12937

Ion Ratio Lower Upper

113 100

55 482.1 157.0 235.4#

56 294.1 119.1 178.7#



#34

2-Methylnaphthalene

Concen: 9.202 ng/ul

RT: 11.92 min Scan# 1518

Delta R.T. -0.12 min

Lab File: BN005242.D

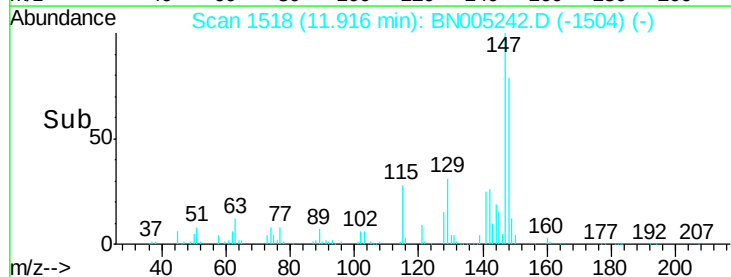
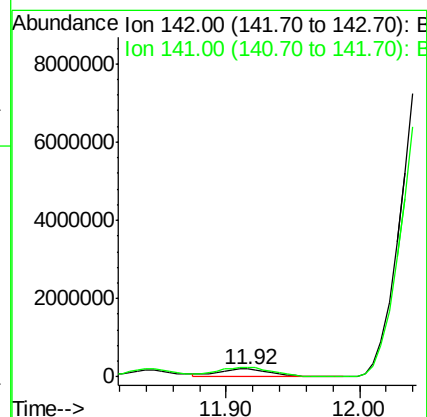
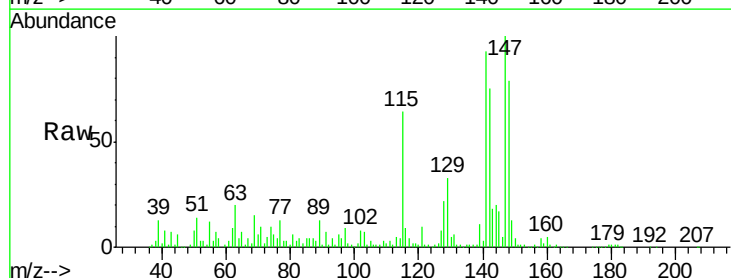
Acq: 24 Apr 2019 07:44

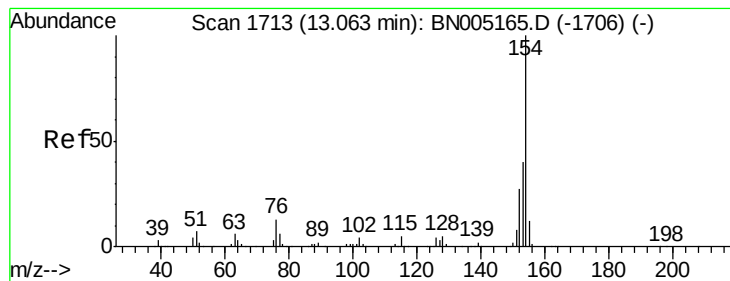
Tgt Ion:142 Resp: 577287

Ion Ratio Lower Upper

142 100

141 123.3 72.0 108.0#





#40

1,1'-Biphenyl

Concen: 79.179 ng/ul

RT: 13.07 min Scan# 1714

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

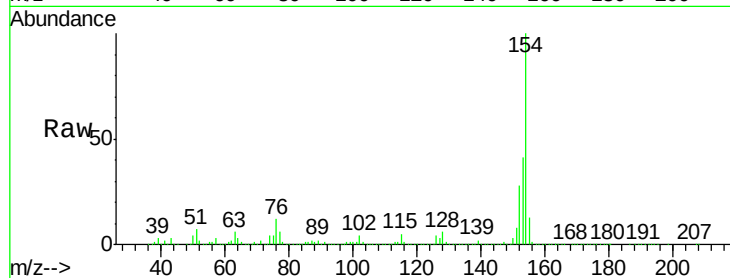
Tgt Ion:154 Resp: 7001655

Ion Ratio Lower Upper

154 100

153 41.3 32.6 49.0

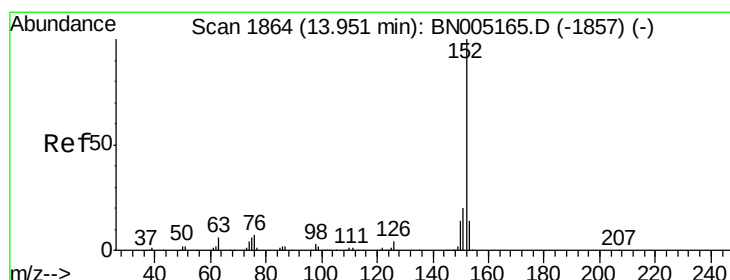
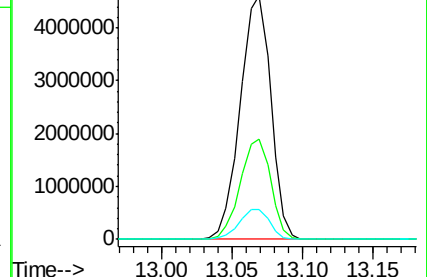
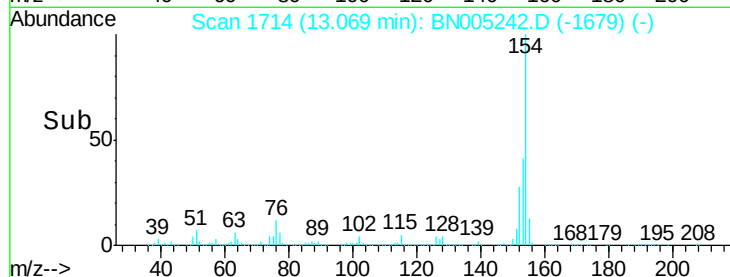
76 12.2 10.4 15.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#47

Acenaphthylene

Concen: 153.515 ng/ul

RT: 13.96 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

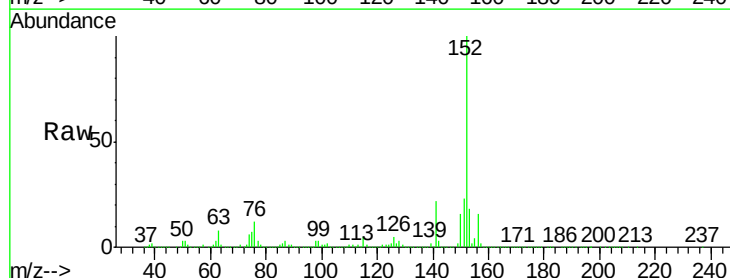
Tgt Ion:152 Resp:15963725

Ion Ratio Lower Upper

152 100

151 23.0 15.8 23.8

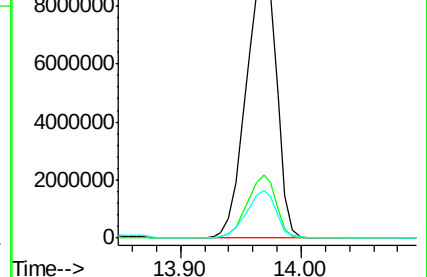
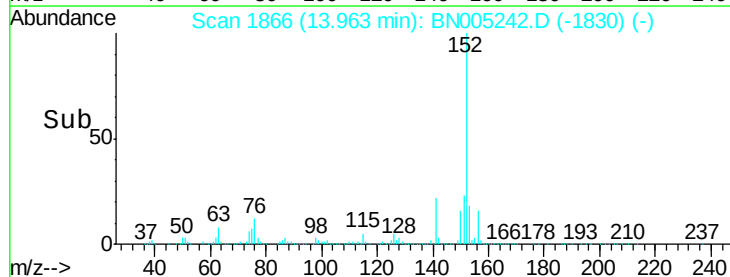
153 17.6 9.8 14.8#

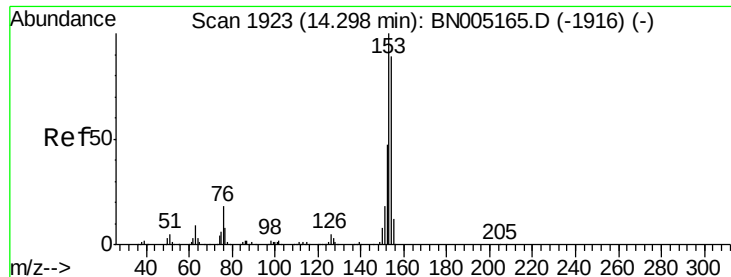


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 36.243 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

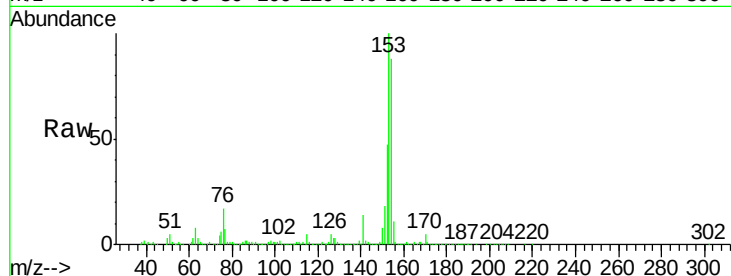
Tgt Ion:153 Resp: 2572956

Ion Ratio Lower Upper

153 100

152 46.8 37.4 56.0

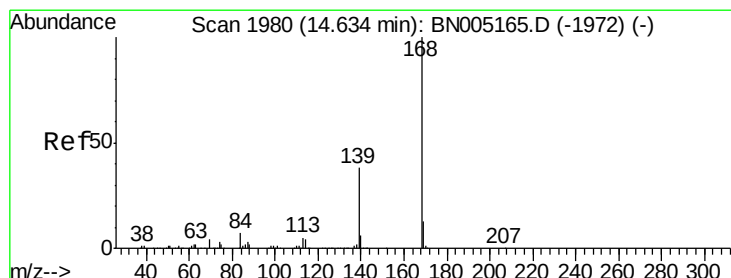
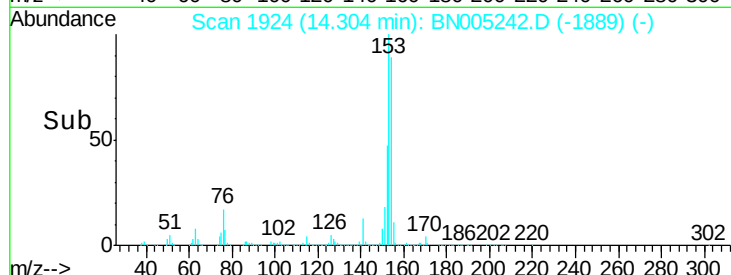
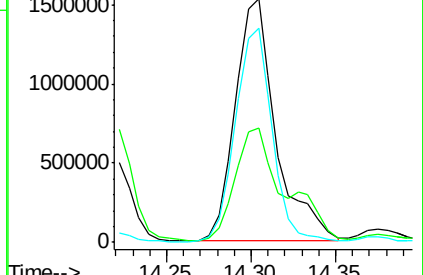
154 87.9 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 25.246 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BN005242.D

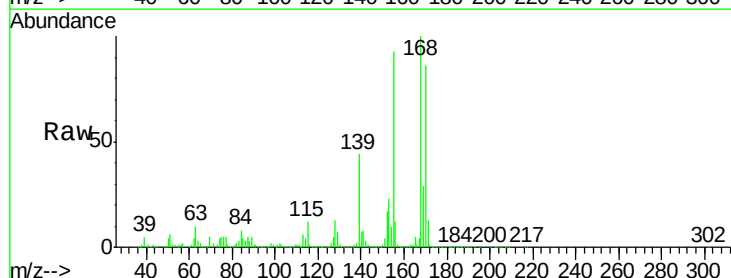
Acq: 24 Apr 2019 07:44

Tgt Ion:168 Resp: 2580426

Ion Ratio Lower Upper

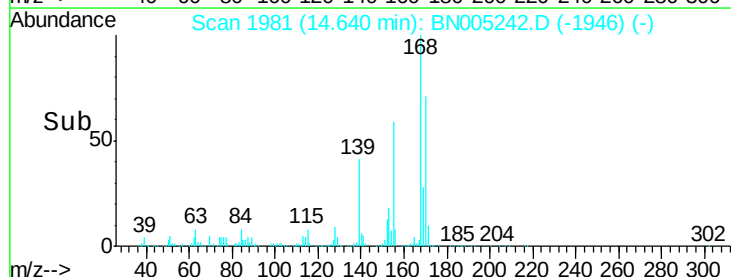
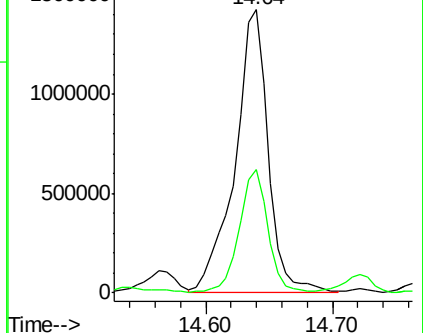
168 100

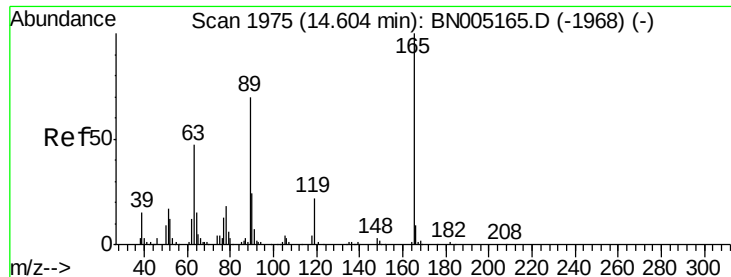
139 43.6 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 8.564 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

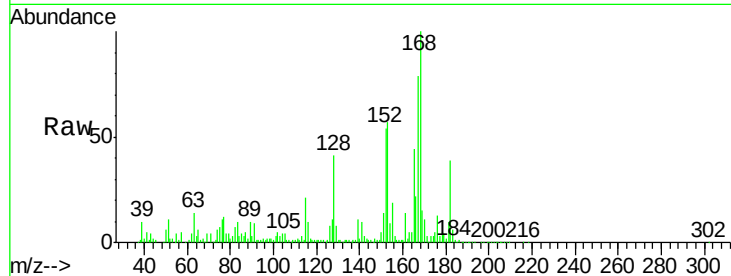
Tgt Ion:165 Resp: 183002

Ion Ratio Lower Upper

165 100

63 31.2 38.9 58.3#

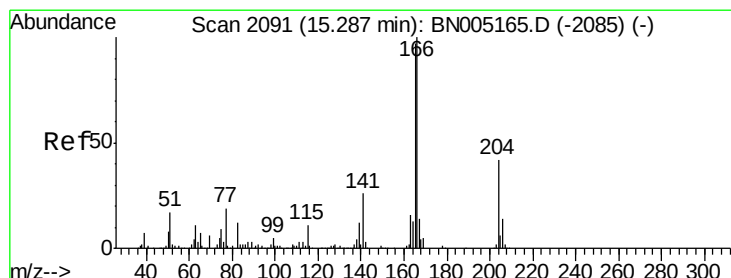
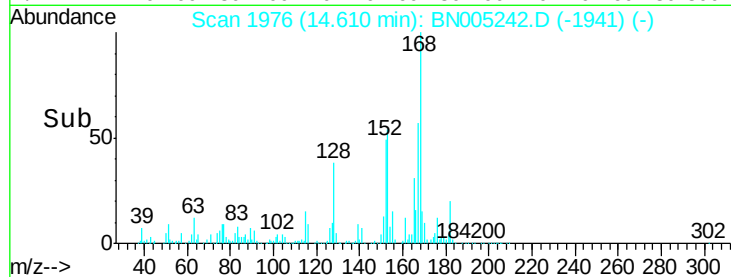
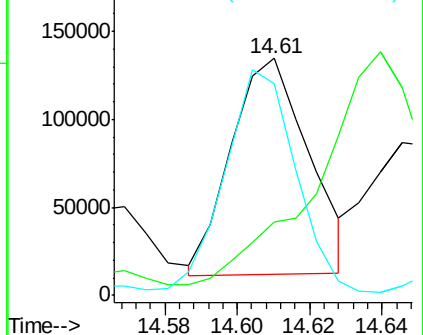
182 89.2 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 151.117 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.02 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

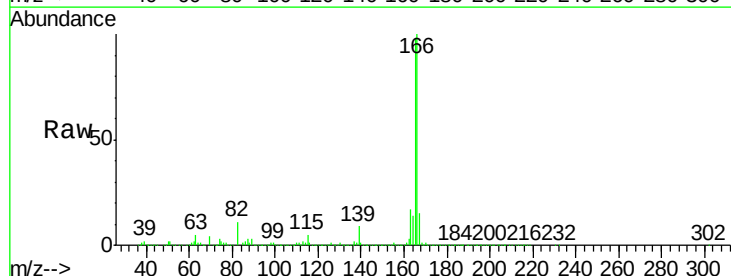
Tgt Ion:166 Resp:12052705

Ion Ratio Lower Upper

166 100

165 97.9 80.0 120.0

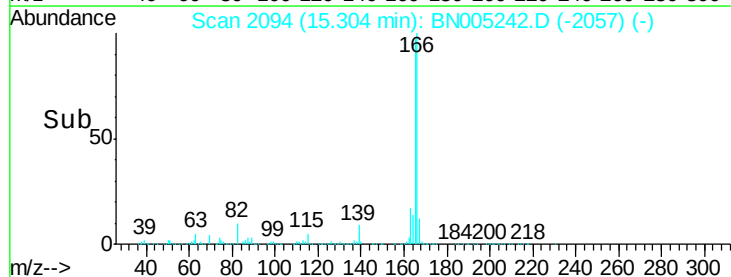
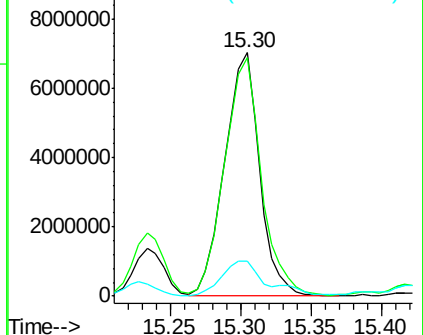
167 14.5 10.7 16.1

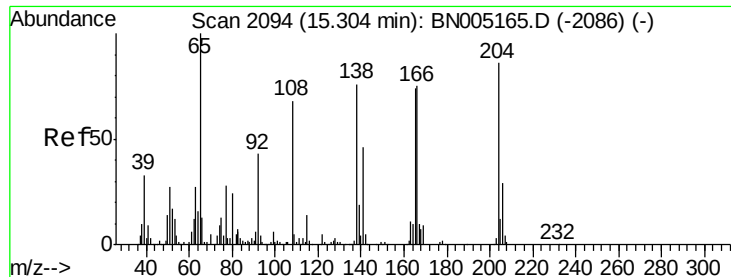


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

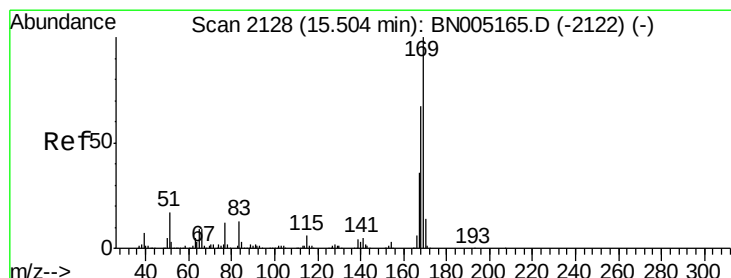
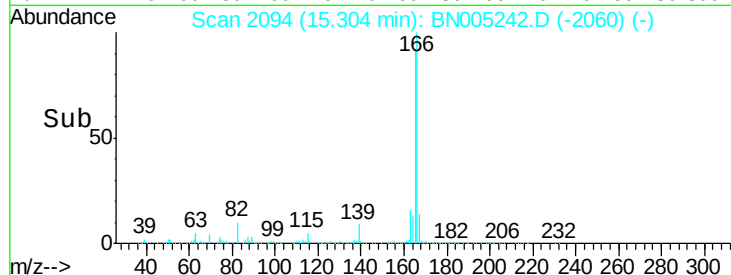
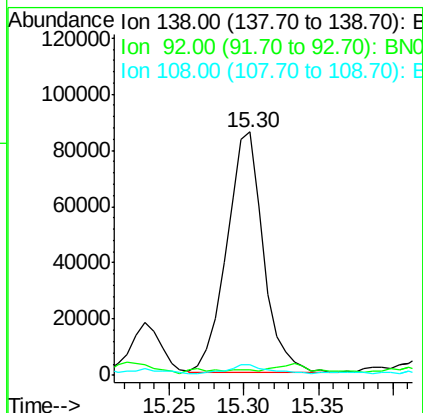
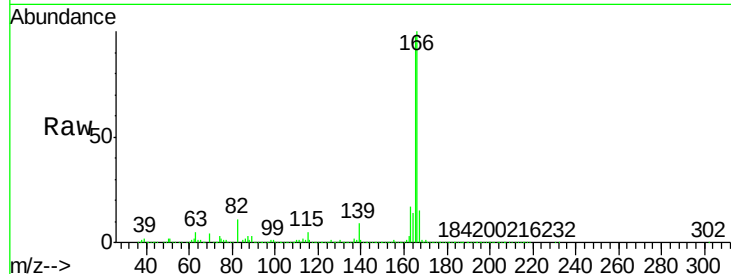




#60
4-Nitroaniline
Concen: 8.550 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN005242.D
Acq: 24 Apr 2019 07:44

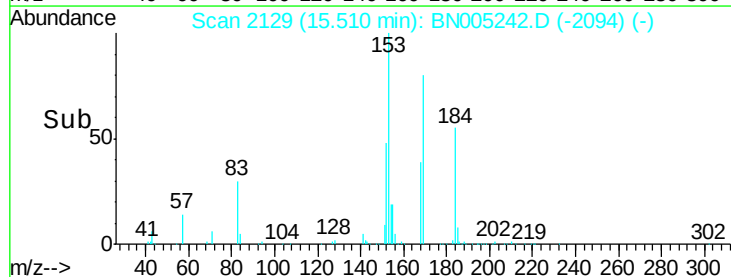
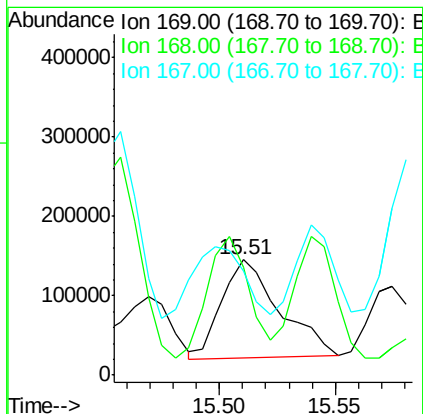
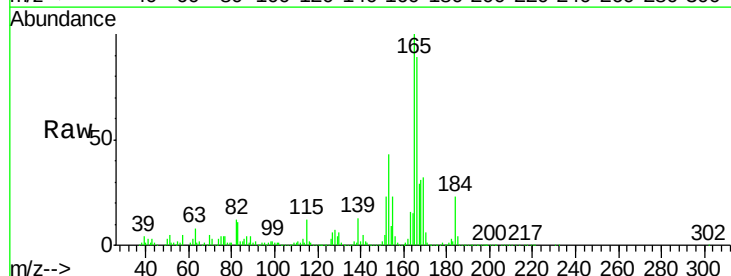
Instrument :
BNA_N
ClientSampleId :
GAHS2

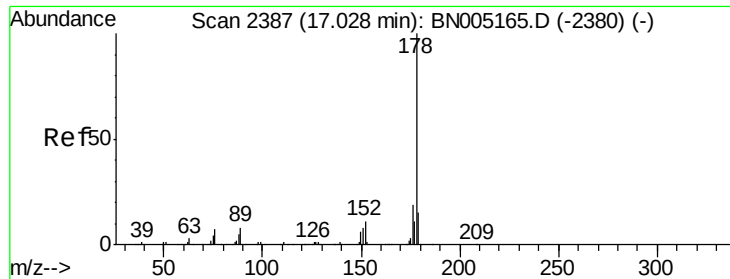
Tgt Ion:138 Resp: 146877
Ion Ratio Lower Upper
138 100
92 2.2 45.3 67.9#
108 4.4 73.2 109.8#



#64
N-Nitrosodiphenylamine
Concen: 3.353 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BN005242.D
Acq: 24 Apr 2019 07:44

Tgt Ion:169 Resp: 216071
Ion Ratio Lower Upper
169 100
168 94.0 52.2 78.2#
167 90.0 27.7 41.5#





#69

Phenanthrene

Concen: 89.367 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.11 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampled :

GAHS2

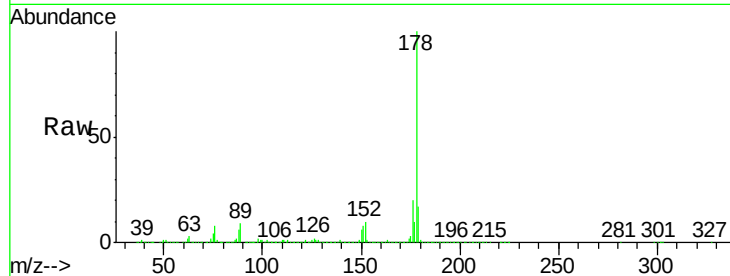
Tgt Ion:178 Resp:10248912

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.4

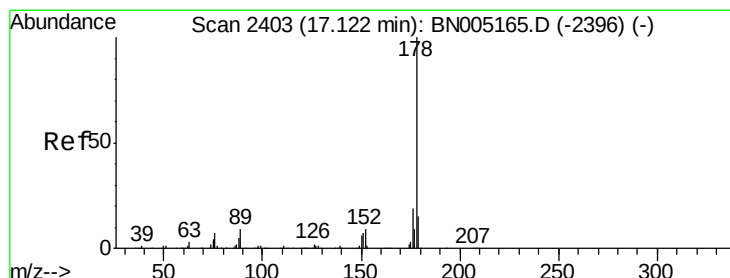
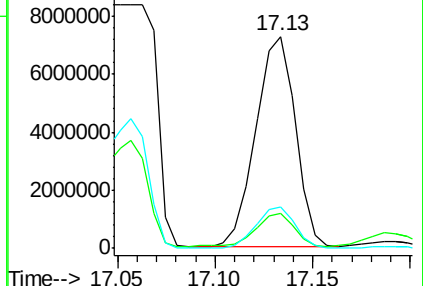
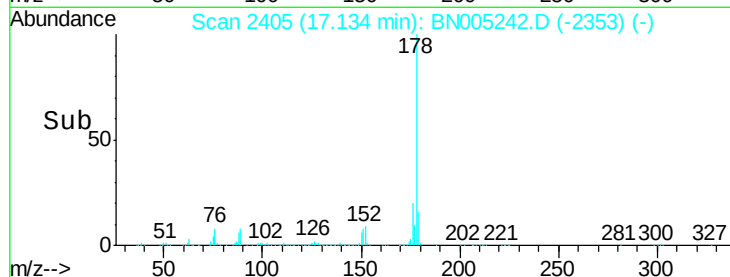
176 19.6 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 87.727 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

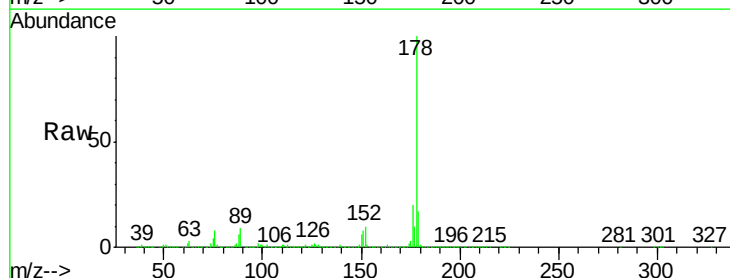
Tgt Ion:178 Resp:10248912

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

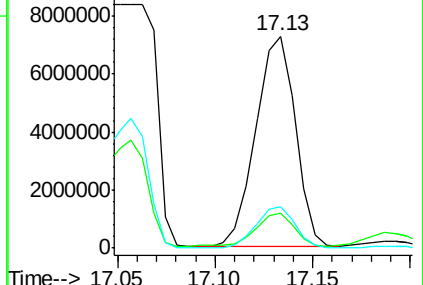
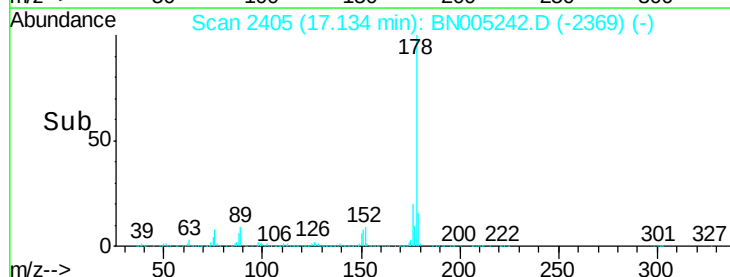
176 19.6 15.1 22.7

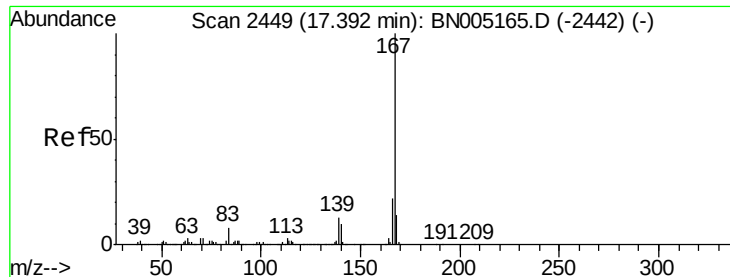


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 3.094 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

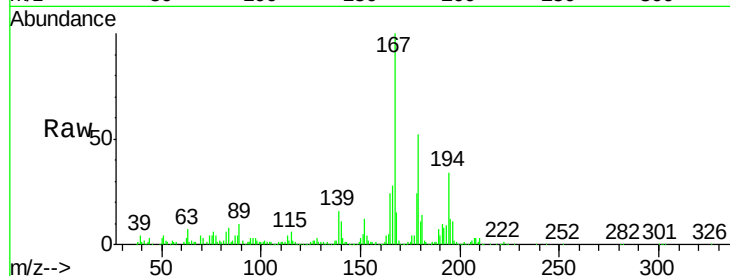
Tgt Ion:167 Resp: 310538

Ion Ratio Lower Upper

167 100

166 27.9 17.2 25.8#

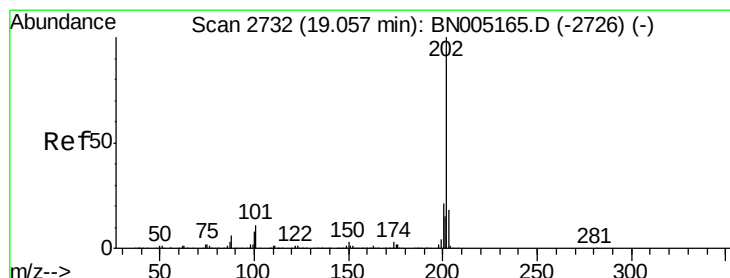
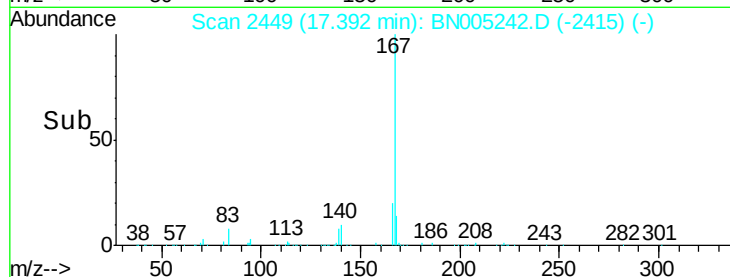
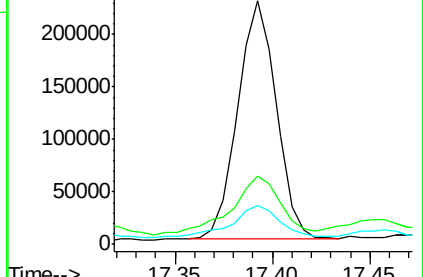
139 15.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 87.600 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

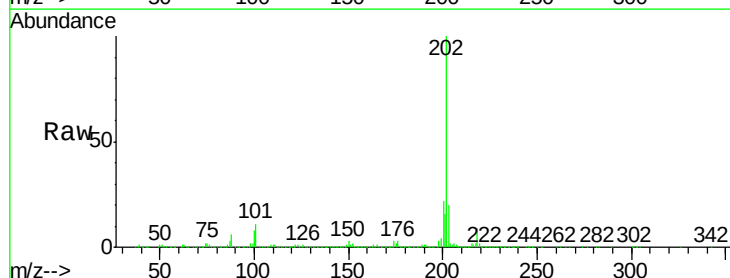
Tgt Ion:202 Resp:11143141

Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

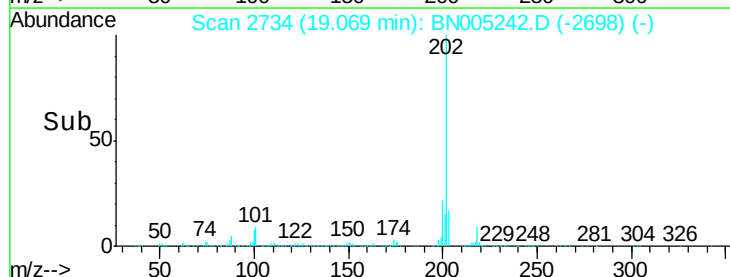
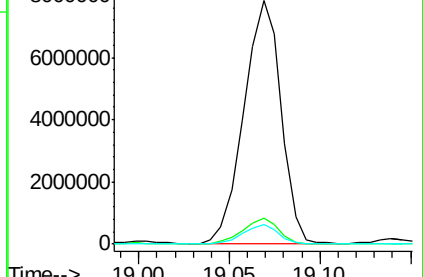
100 7.9 6.3 9.5

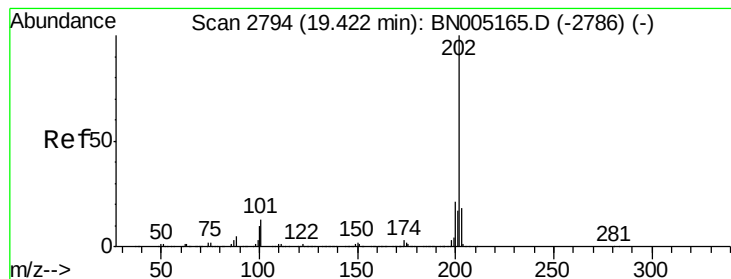


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 5.432 ng/ul

RT: 19.33 min Scan# 2779

Delta R.T. -0.09 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

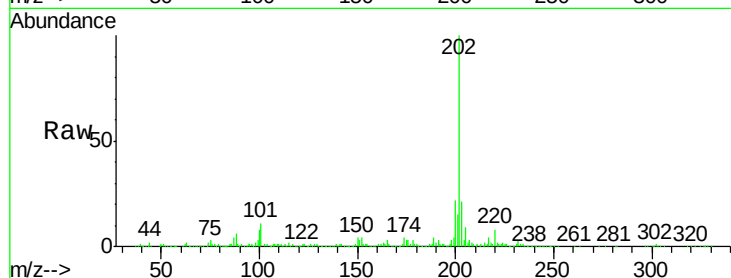
Tgt Ion:202 Resp: 698839

Ion Ratio Lower Upper

202 100

101 10.5 10.3 15.5

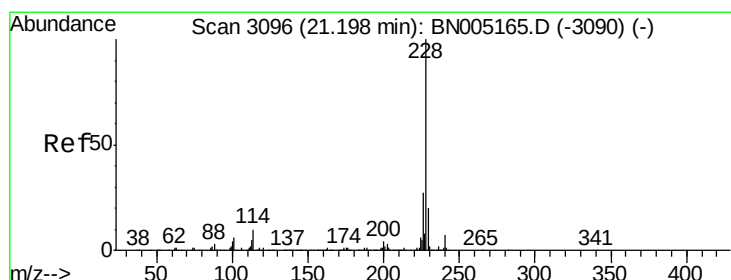
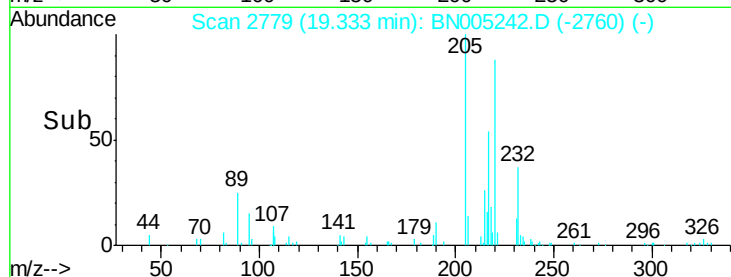
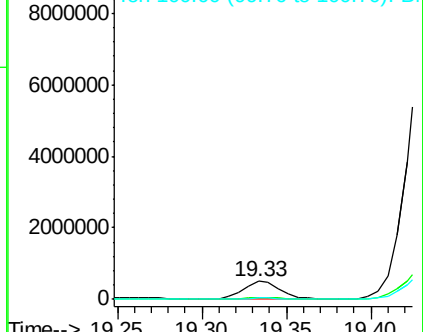
100 8.4 7.9 11.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 42.048 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.06 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

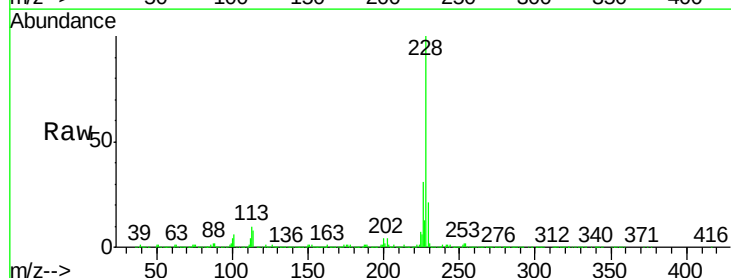
Tgt Ion:228 Resp: 5226570

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

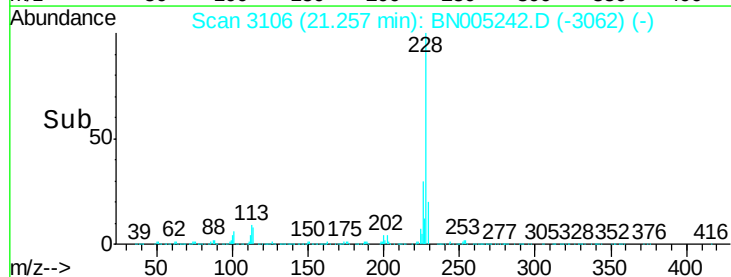
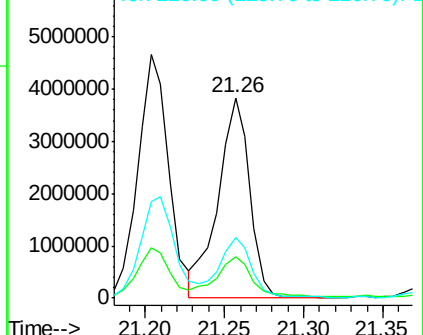
226 30.5 21.4 32.2

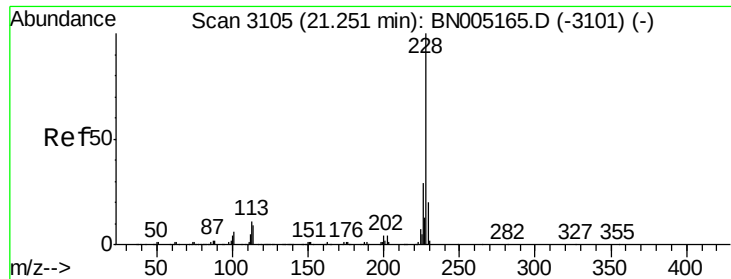


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 45.342 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

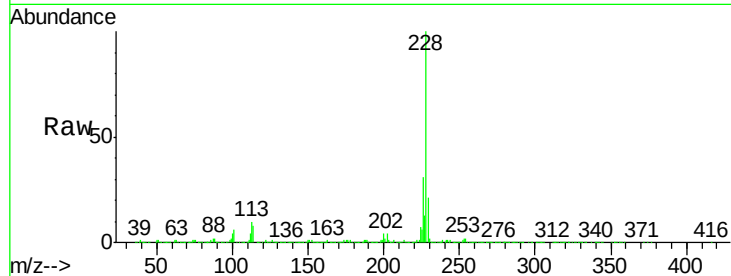
Tgt Ion:228 Resp: 5230754

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

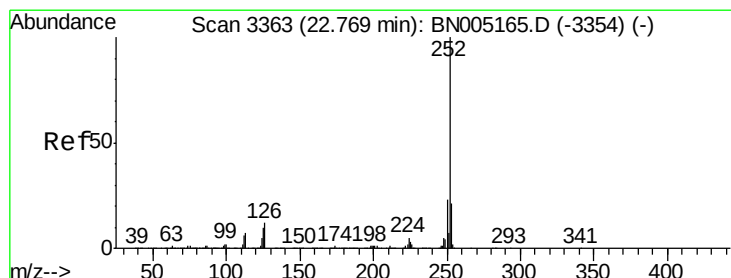
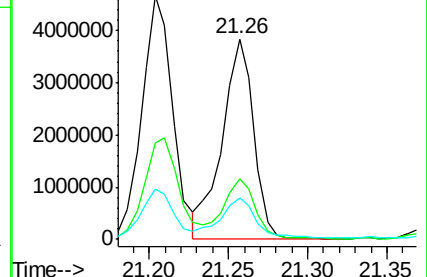
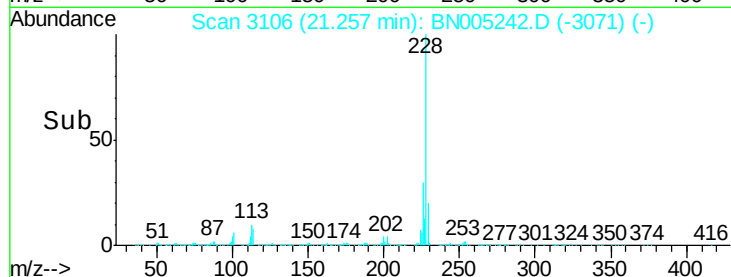
229 20.7 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 25.774 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

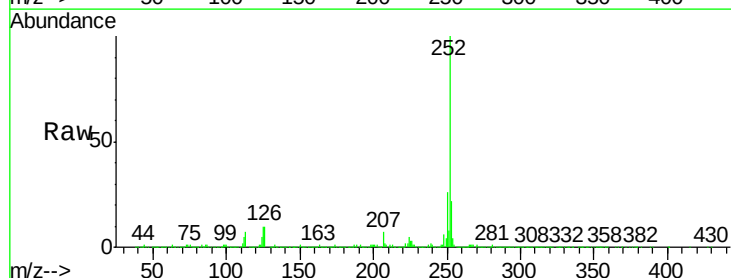
Tgt Ion:252 Resp: 3348102

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

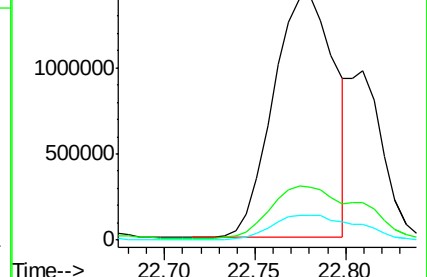
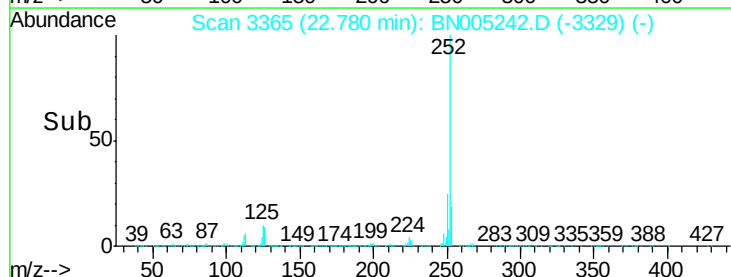
125 10.4 8.4 12.6

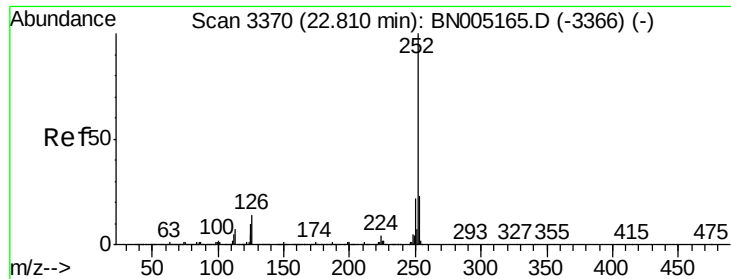


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 26.987 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.03 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

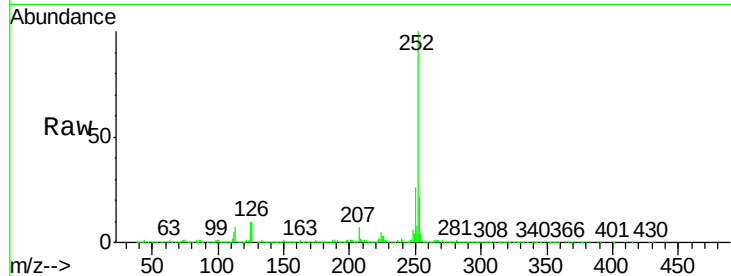
Tgt Ion:252 Resp: 3348102

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

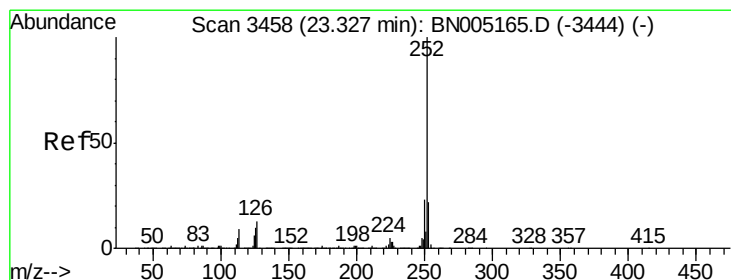
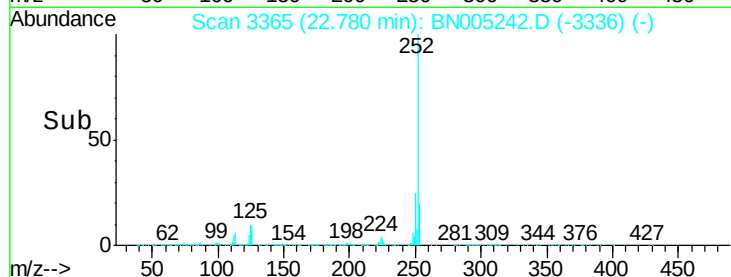
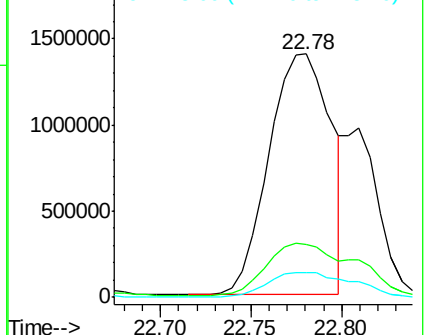
125 10.4 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.054 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

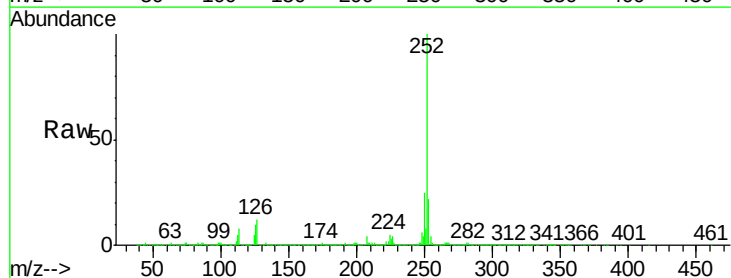
Tgt Ion:252 Resp: 4157965

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

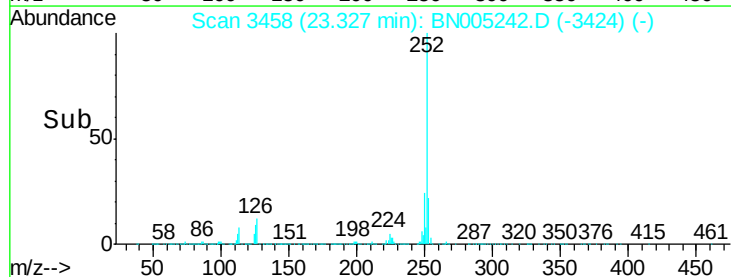
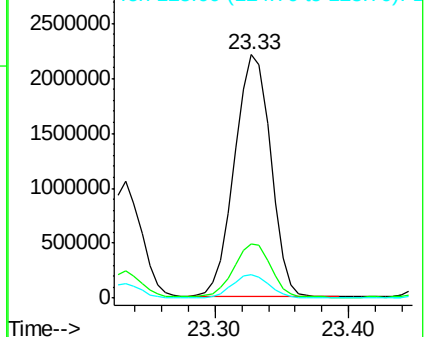
125 9.6 8.6 13.0

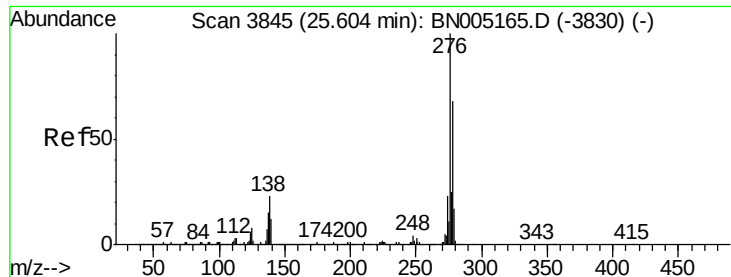


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 11.052 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

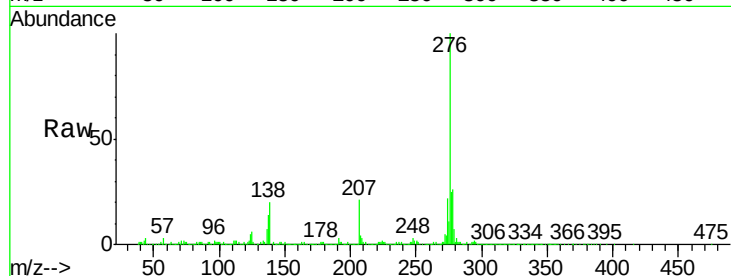
Tgt Ion:276 Resp: 1491916

Ion Ratio Lower Upper

276 100

138 20.2 17.9 26.9

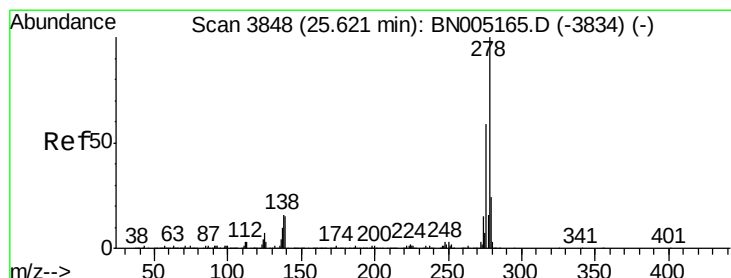
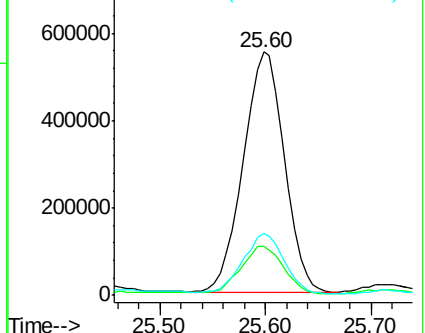
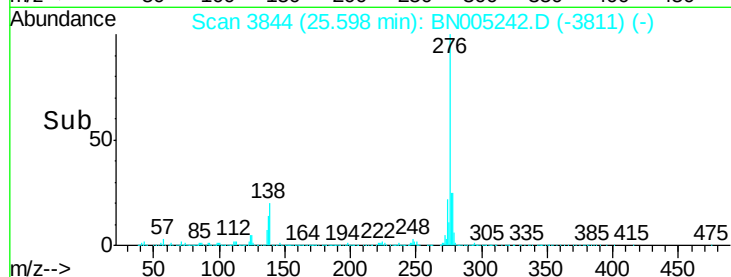
277 25.4 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 4.227 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

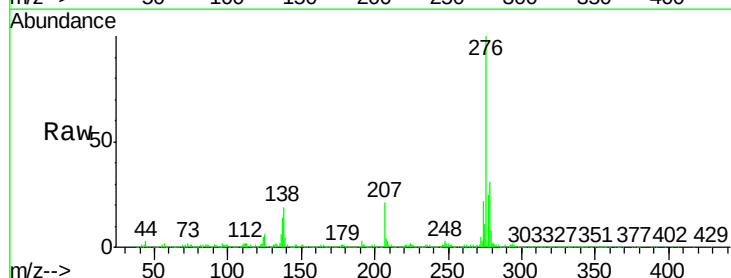
Tgt Ion:278 Resp: 484264

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

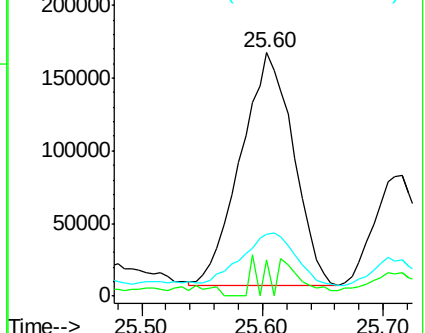
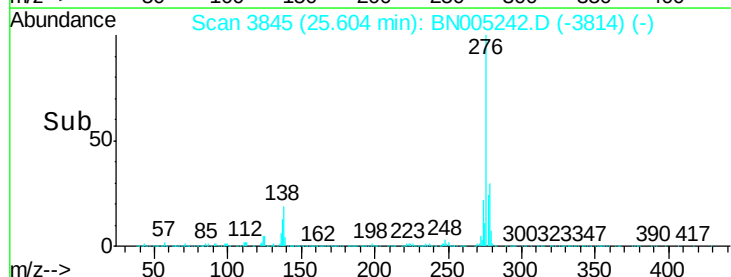
279 25.3 19.4 29.0

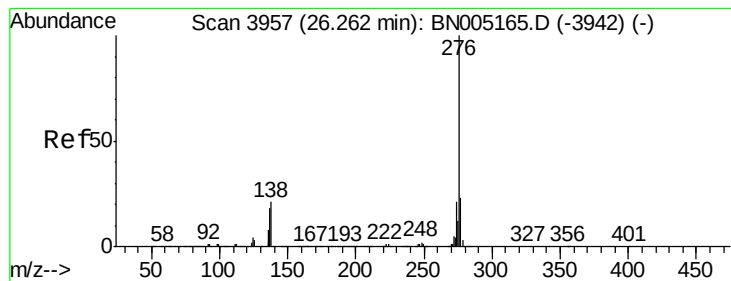


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 10.665 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.00 min

Lab File: BN005242.D

Acq: 24 Apr 2019 07:44

Instrument :

BNA_N

ClientSampleId :

GAHS2

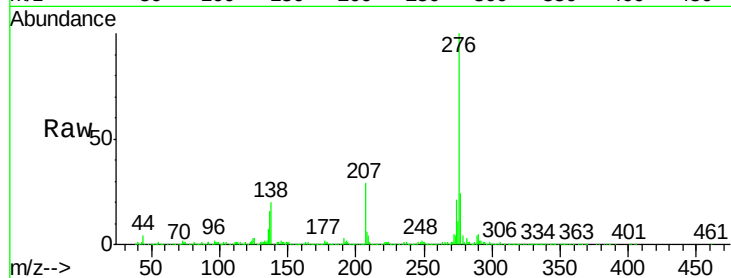
Tgt Ion:276 Resp: 1190479

Ion Ratio Lower Upper

276 100

138 20.4 16.7 25.1

277 23.5 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

