

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002709.D
 Acq On : 15 Sep 2018 03:04
 Operator : JU/SJ
 Sample : J4864-03DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 15 04:34:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 04:34:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	163957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	678908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	352860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	666168	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	618649	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	655360	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	14953	4.21	ng/uL	-0.03
5) Phenol-d5	6.85	99	19077	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	57180	6.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	61529	5.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	35849	3.32	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	35310	6.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	38600	6.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	69168	6.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	22986	1.85	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	199505	7.22	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	258615	7.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2500	0.55	ng/ul	0.05
57) Fluorene-d10	15.28	176	175482	7.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19135	4.59	ng/ul	0.00
70) Anthracene-d10	17.13	188	237229	7.46	ng/ul	0.00
78) Pyrene-d10	19.44	212	230184	7.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	248702	7.21	ng/ul	0.00

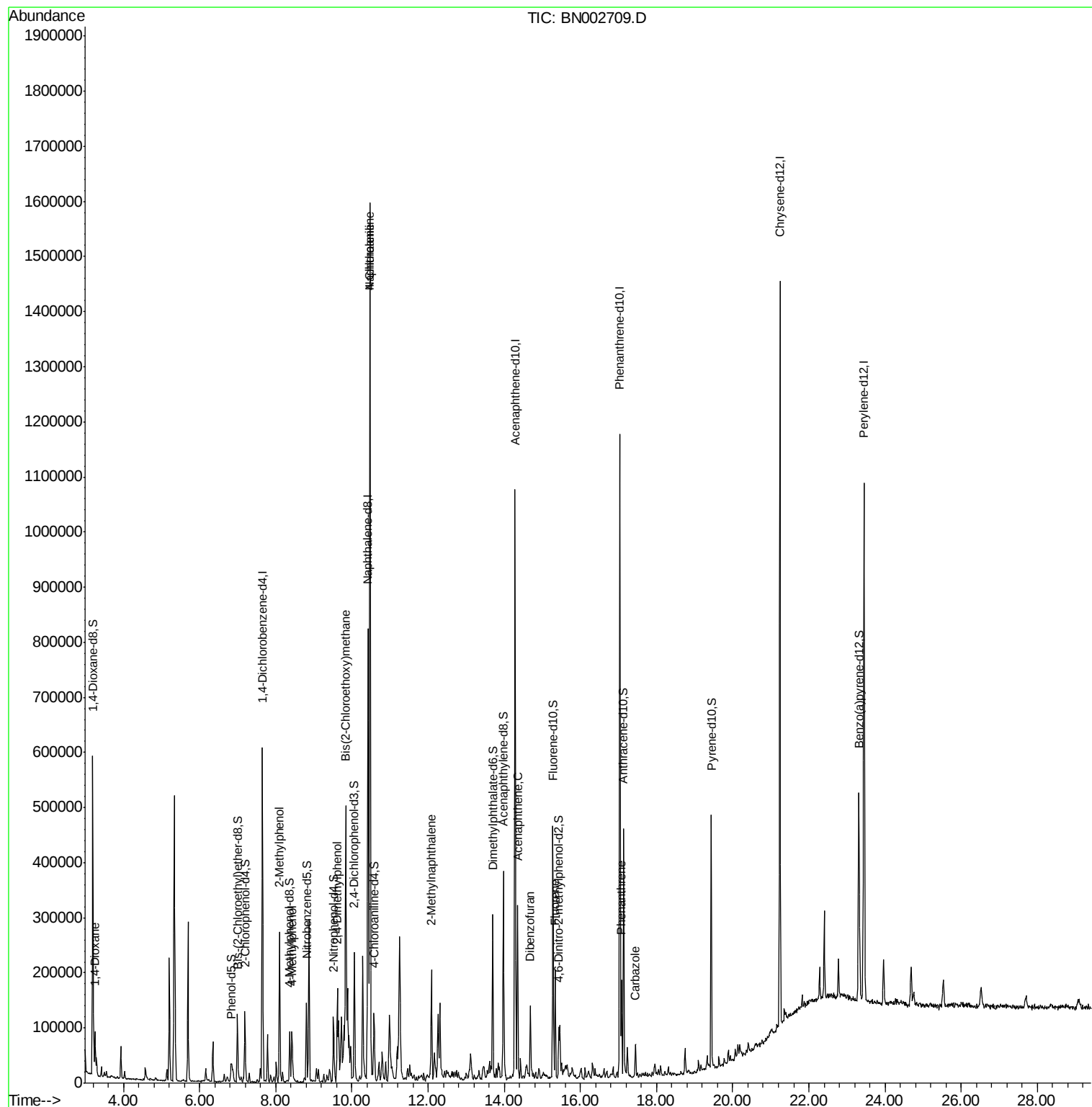
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.26	88	38557	9.704	ng/uL	97
11) 2-Methylphenol	8.10	108	91906	8.717	ng/ul	100
16) 4-Methylphenol	8.43	108	42820	3.829	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	59634	4.908	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	18707	1.318	ng/ul#	1
28) Naphthalene	10.47	128	942331	26.931	ng/ul	99
30) 4-Chloroaniline	10.47	127	123227	9.903	ng/ul#	1
34) 2-Methylnaphthalene	12.09	142	93855	3.837	ng/ul	97
49) Acenaphthene	14.35	153	122023	5.084	ng/ul	98
53) Dibenzofuran	14.69	168	82290	2.493	ng/ul	99
58) Fluorene	15.34	166	81720	3.091	ng/ul	98
69) Phenanthrene	17.08	178	105417	2.872	ng/ul	99
74) Carbazole	17.45	167	36512	1.143	ng/ul	100

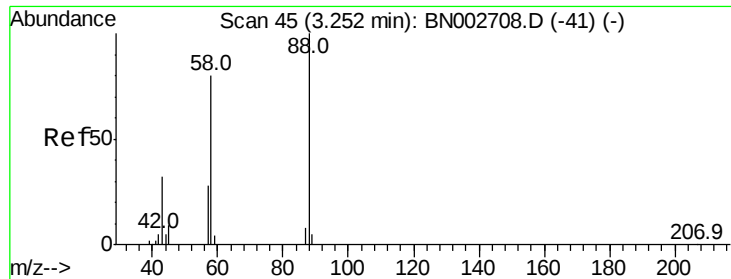
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 04:34:35 2018
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 9.704 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. 0.01 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

ClientSampleId :

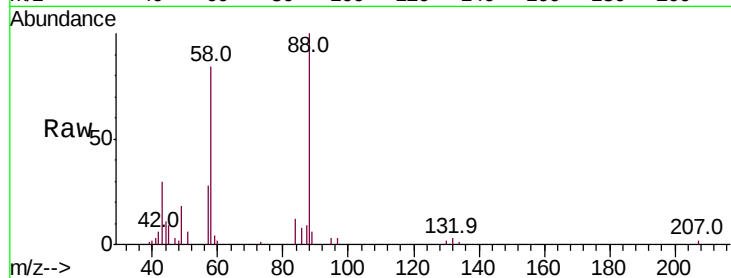
Tot Ion: 88 Resp: 38557

Ion Ratio Lower Upper

88 100

43 29.0 25.7 38.5

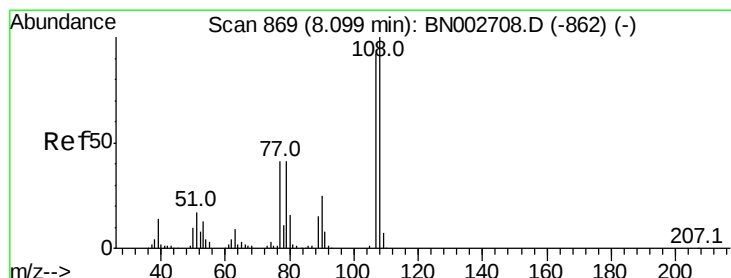
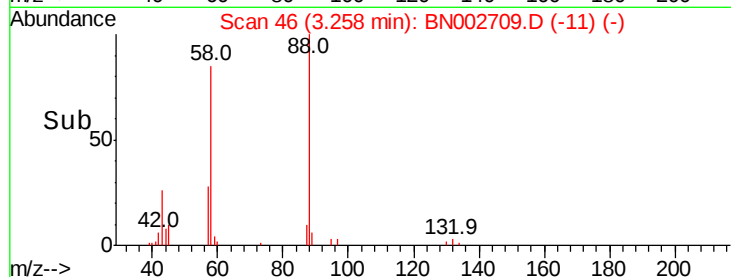
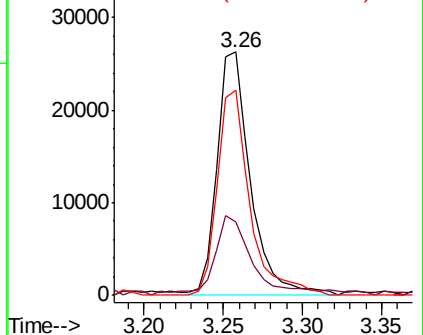
58 81.9 67.4 101.0



Abundance Ion 88.00 (87.70 to 88.70): BN002708.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BN002708.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BN002708.D (-41) (-)



#11

2-Methylphenol

Concen: 8.717 ng/uL

RT: 8.10 min Scan# 869

Delta R.T. -0.00 min

Lab File: BN002709.D

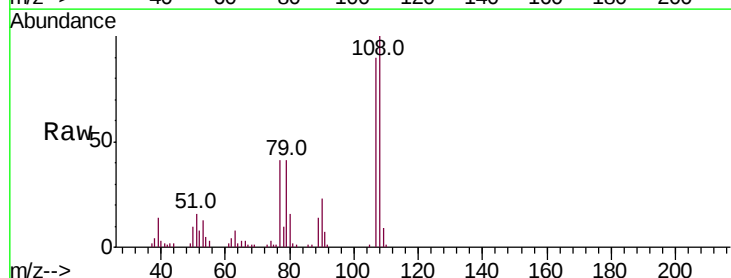
Acq: 15 Sep 2018 03:04

Tgt Ion: 108 Resp: 91906

Ion Ratio Lower Upper

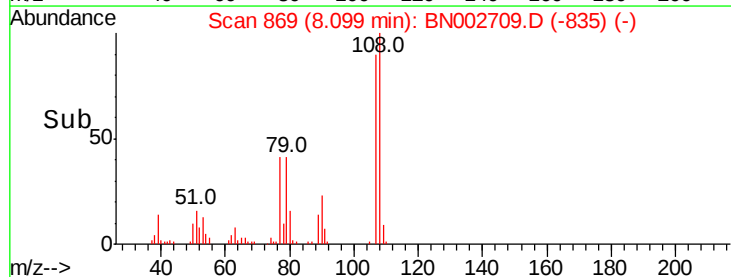
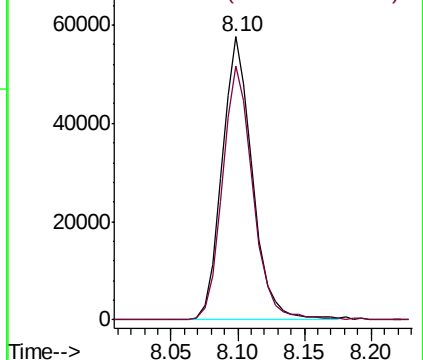
108 100

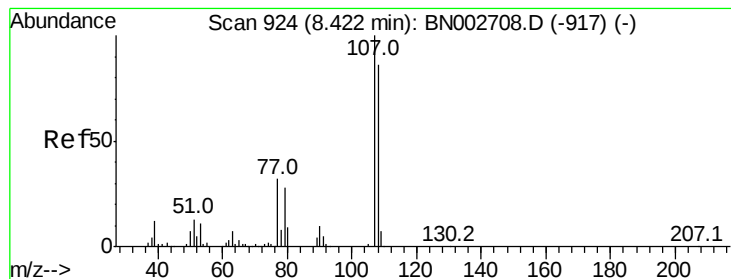
107 89.8 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): BN002708.D (-862) (-)

Ion 107.00 (106.70 to 107.70): BN002708.D (-862) (-)





#16

4-Methylphenol

Concen: 3.829 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.01 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

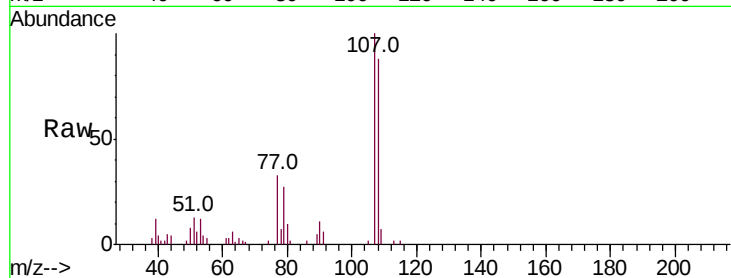
ClientSampled :

Tot Ion:108 Resp: 42820

Ion Ratio Lower Upper

108 100

107 113.7 89.2 133.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

25000

20000

15000

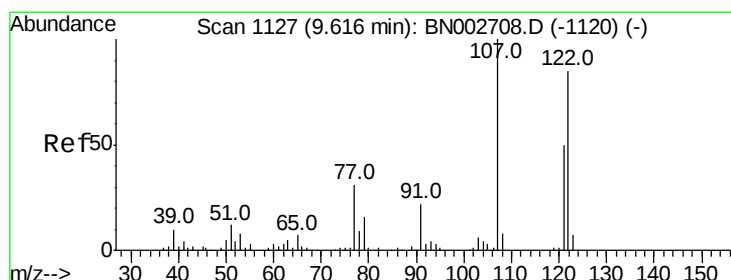
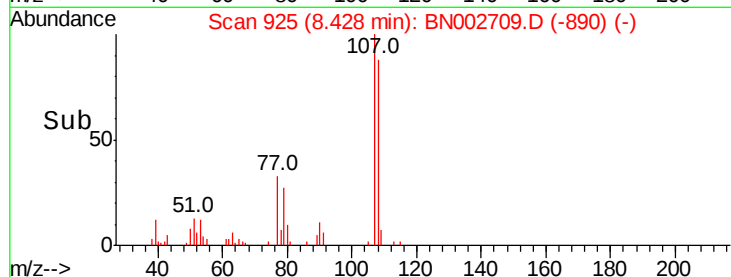
10000

5000

0

8.35 8.40 8.45 8.50

Time-->



#24

2,4-Dimethylphenol

Concen: 4.908 ng/ul

RT: 9.62 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

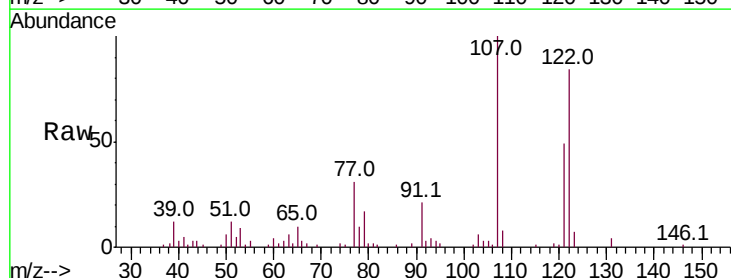
Tgt Ion:107 Resp: 59634

Ion Ratio Lower Upper

107 100

121 48.8 38.6 57.8

122 83.8 67.8 101.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

50000

40000

30000

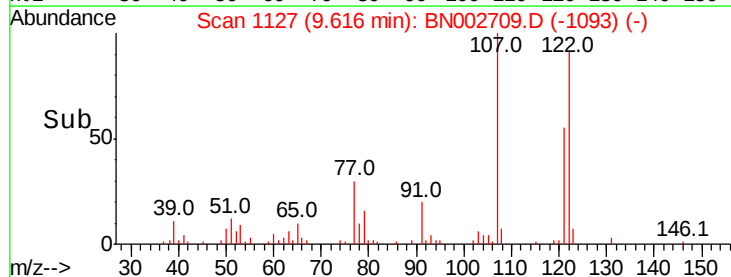
20000

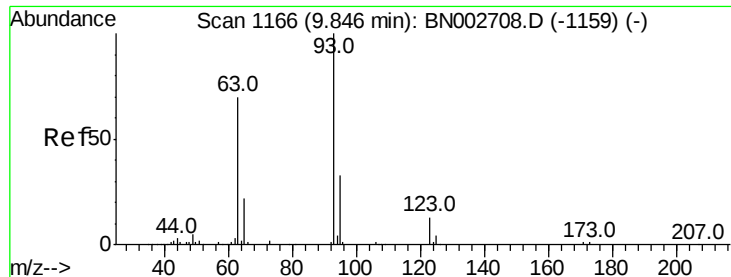
10000

0

9.56 9.58 9.60 9.62 9.64

Time-->





#25

Bis(2-Chloroethoxy)methane

Concen: 1.318 ng/ul

RT: 9.84 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

ClientSampleId :

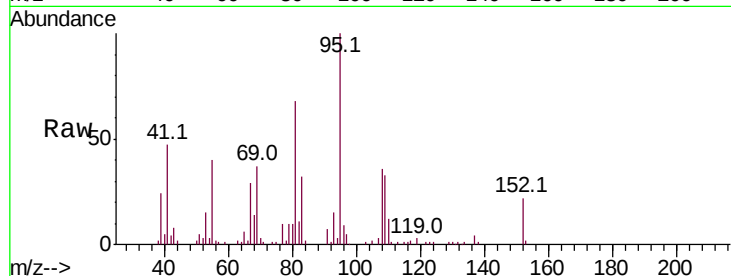
Tot Ion: 93 Resp: 18707

Ion Ratio Lower Upper

93 100

95 673.7 25.4 38.2#

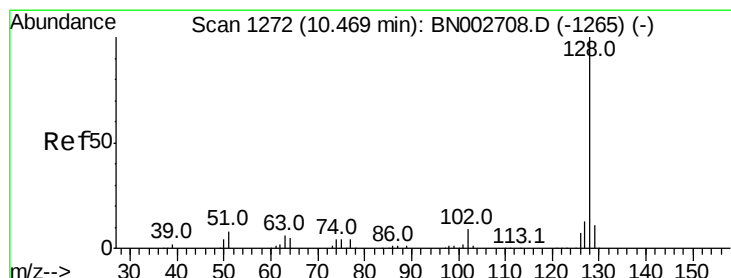
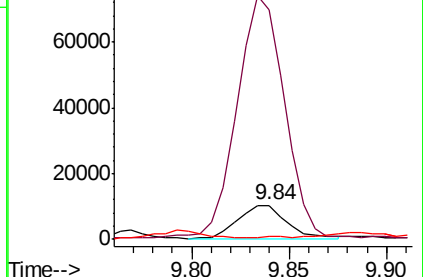
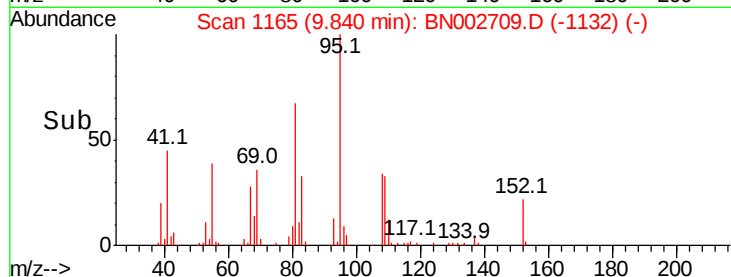
123 7.9 9.1 13.7#



Abundance Ion 93.00 (92.70 to 93.70): BN002708.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BN002709.D (-1132) (-)

Ion 123.00 (122.70 to 123.70): BN002709.D (-1132) (-)



#28

Naphthalene

Concen: 26.931 ng/ul

RT: 10.47 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

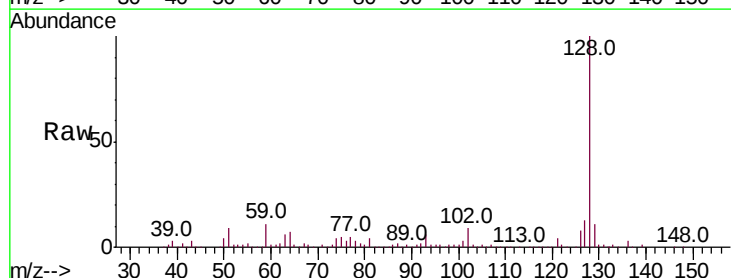
Tgt Ion:128 Resp: 942331

Ion Ratio Lower Upper

128 100

129 11.2 8.3 12.5

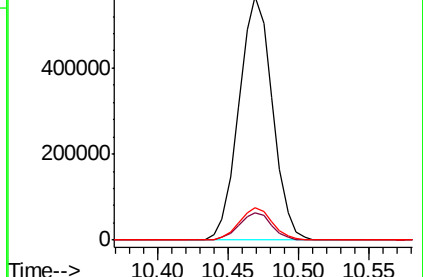
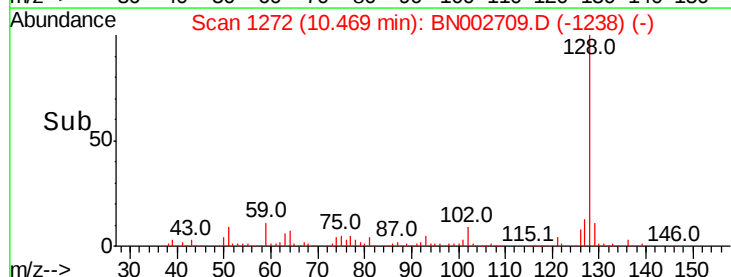
127 13.2 10.5 15.7

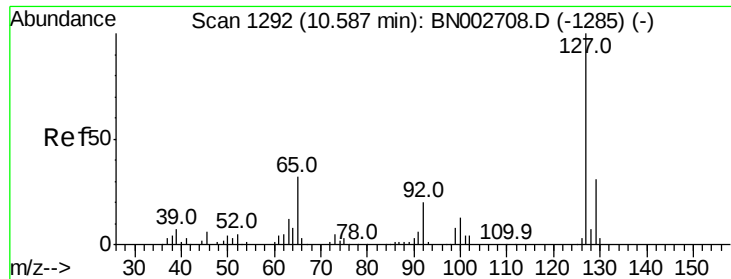


Abundance Ion 128.00 (127.70 to 128.70): BN002708.D (-1265) (-)

Ion 129.00 (128.70 to 129.70): BN002709.D (-1238) (-)

Ion 127.00 (126.70 to 127.70): BN002709.D (-1238) (-)

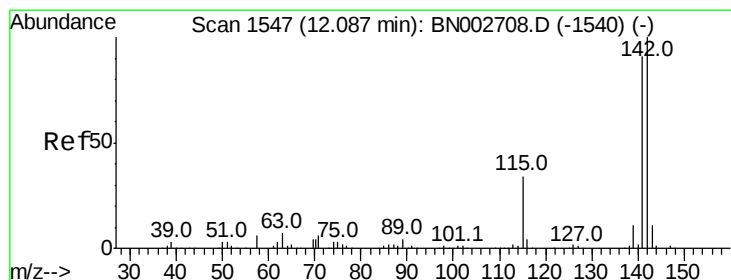
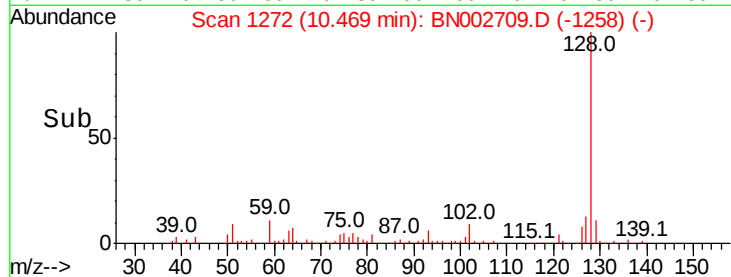
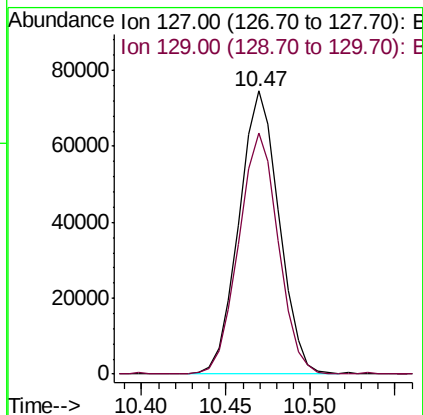
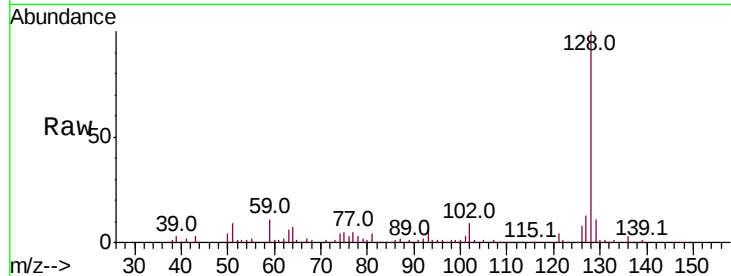




#30
 4-Chloroaniline
 Concen: 9.903 ng/ul
 RT: 10.47 min Scan# 1272
 Delta R.T. -0.12 min
 Lab File: BN002709.D
 Acq: 15 Sep 2018 03:04

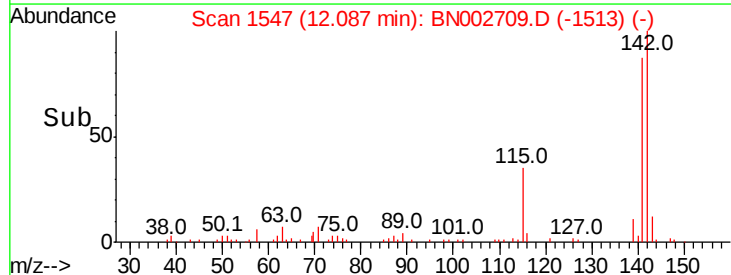
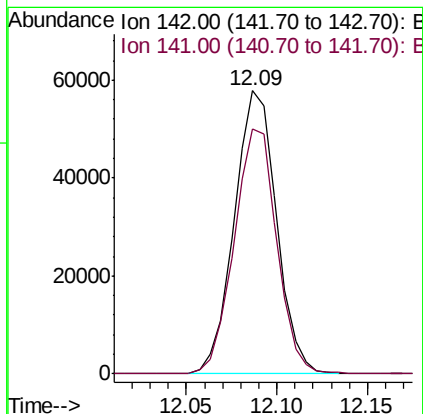
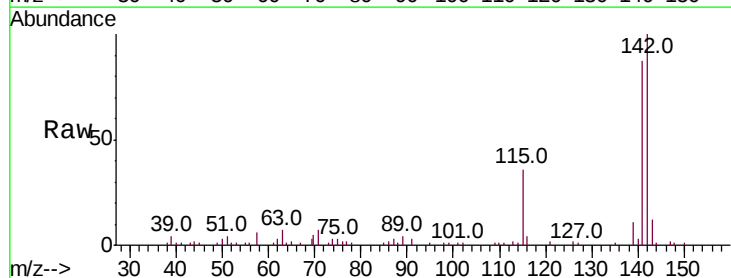
Instrument :
 BNA_N
 ClientSampleId :

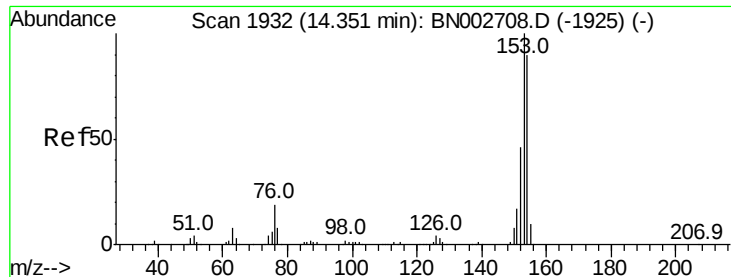
Tot Ion:127 Resp: 123227
 Ion Ratio Lower Upper
 127 100
 129 85.3 24.5 36.7#



#34
 2-Methylnaphthalene
 Concen: 3.837 ng/ul
 RT: 12.09 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BN002709.D
 Acq: 15 Sep 2018 03:04

Tgt Ion:142 Resp: 93855
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.8 107.8





#49

Acenaphthene

Concen: 5.084 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

ClientSampled :

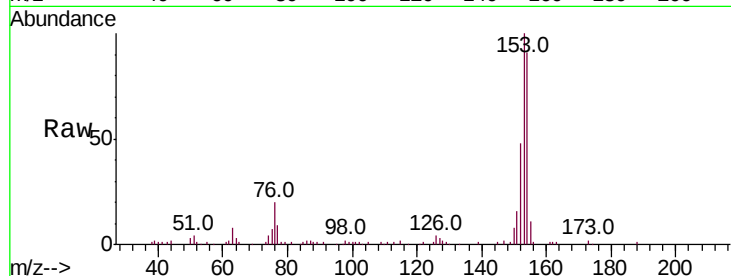
Tot Ion:153 Resp: 122023

Ion Ratio Lower Upper

153 100

152 47.7 37.8 56.6

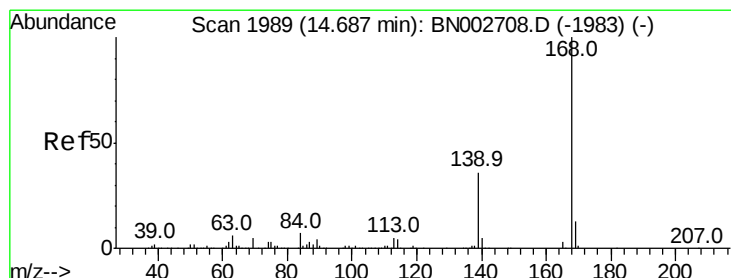
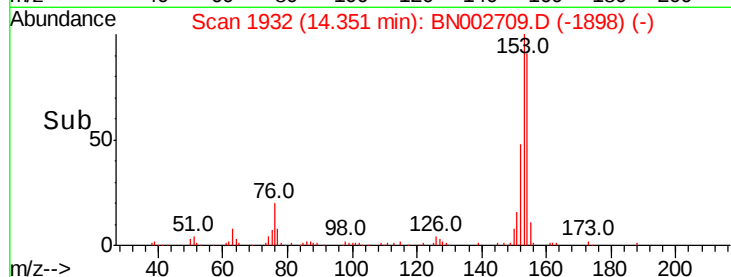
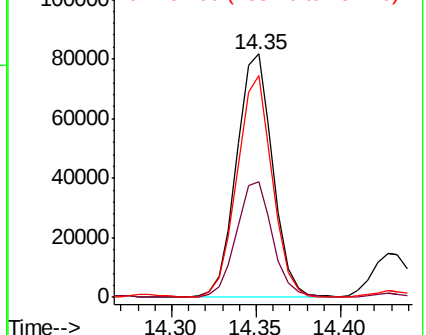
154 91.2 70.9 106.3



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: 2.493 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BN002709.D

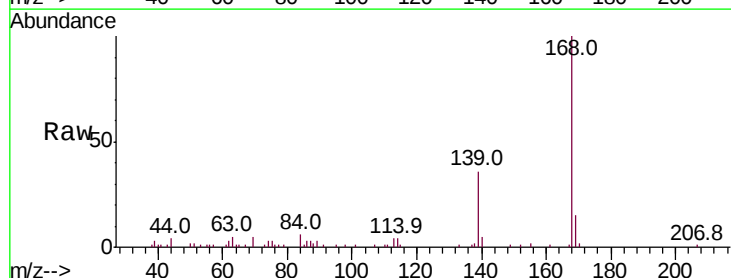
Acq: 15 Sep 2018 03:04

Tgt Ion:168 Resp: 82290

Ion Ratio Lower Upper

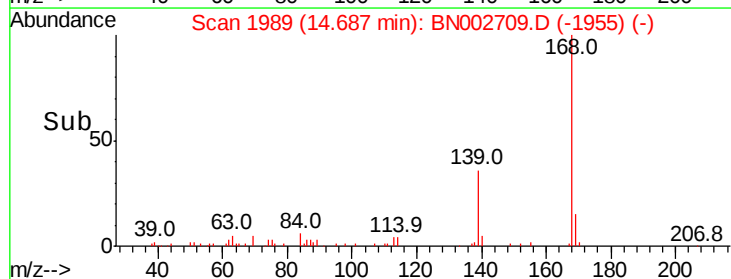
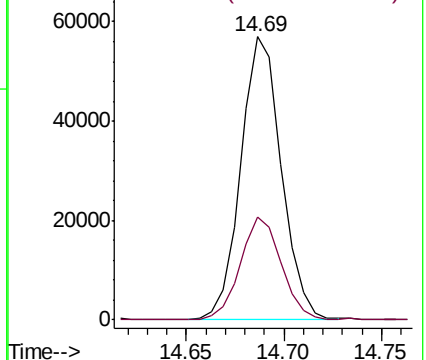
168 100

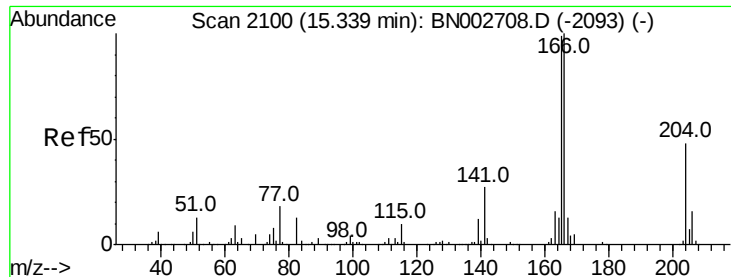
139 36.4 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.091 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

ClientSampled :

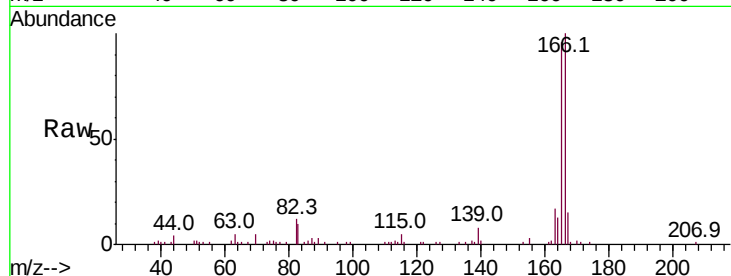
Tot Ion:166 Resp: 81720

Ion Ratio Lower Upper

166 100

165 95.9 78.3 117.5

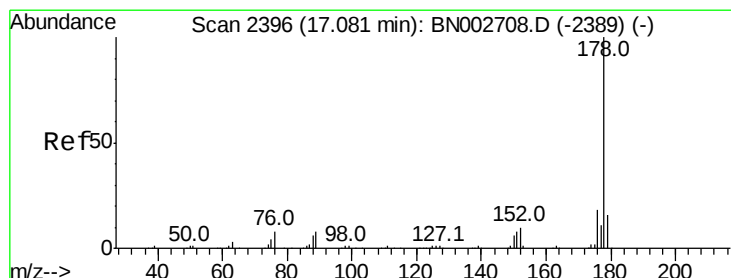
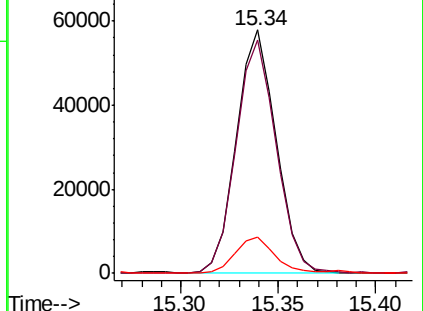
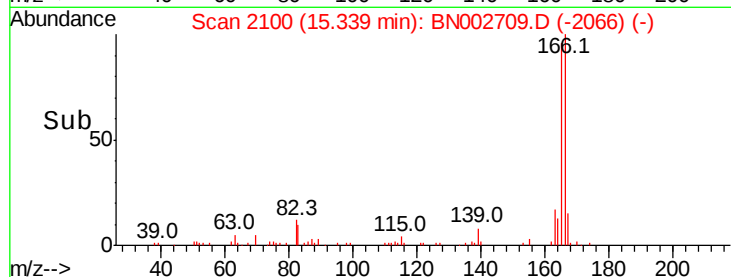
167 14.7 11.0 16.6



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



#69

Phenanthrene

Concen: 2.872 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

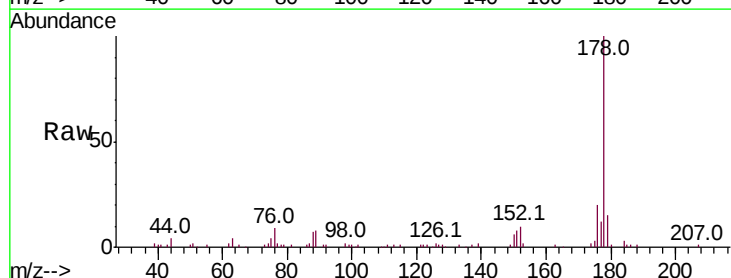
Tgt Ion:178 Resp: 105417

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

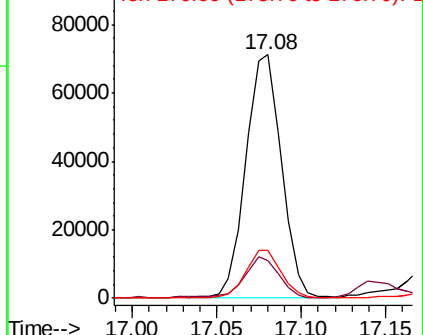
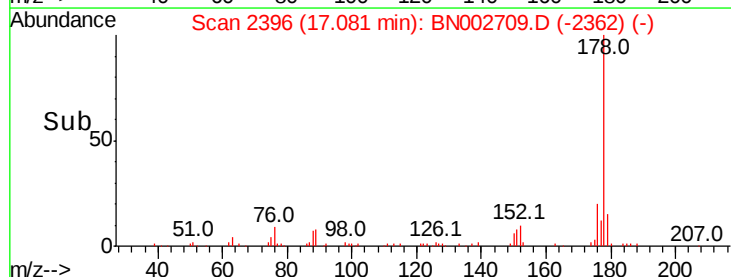
176 19.6 15.0 22.6

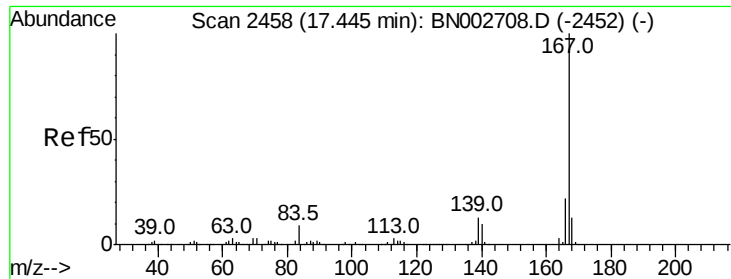


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.143 ng/ul

RT: 17.45 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BN002709.D

Acq: 15 Sep 2018 03:04

Instrument :

BNA_N

ClientSampleId :

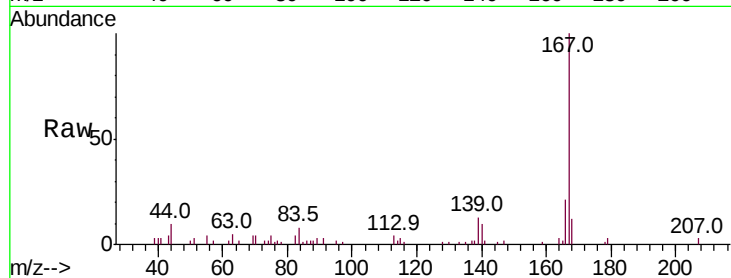
Tot Ion:167 Resp: 36512

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

139 13.3 10.7 16.1



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

