

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046200.D
 Acq On : 7 Aug 2020 19:36
 Operator : CG/JU
 Sample : PB130810TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130810TB

Quant Time: Aug 08 00:43:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104777	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	390574	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	252424	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	608460	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	745567	20.00	ng	-0.01
86) Perylene-d12	24.66	264	749450	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	678615	112.59	ng	0.00
7) Phenol-d6	7.12	99	835825	101.75	ng	0.00
23) Nitrobenzene-d5	9.10	82	541282	75.03	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	331696	85.55	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1336030	76.88	ng	0.00
79) Terphenyl-d14	19.94	244	2338963	63.89	ng	0.00

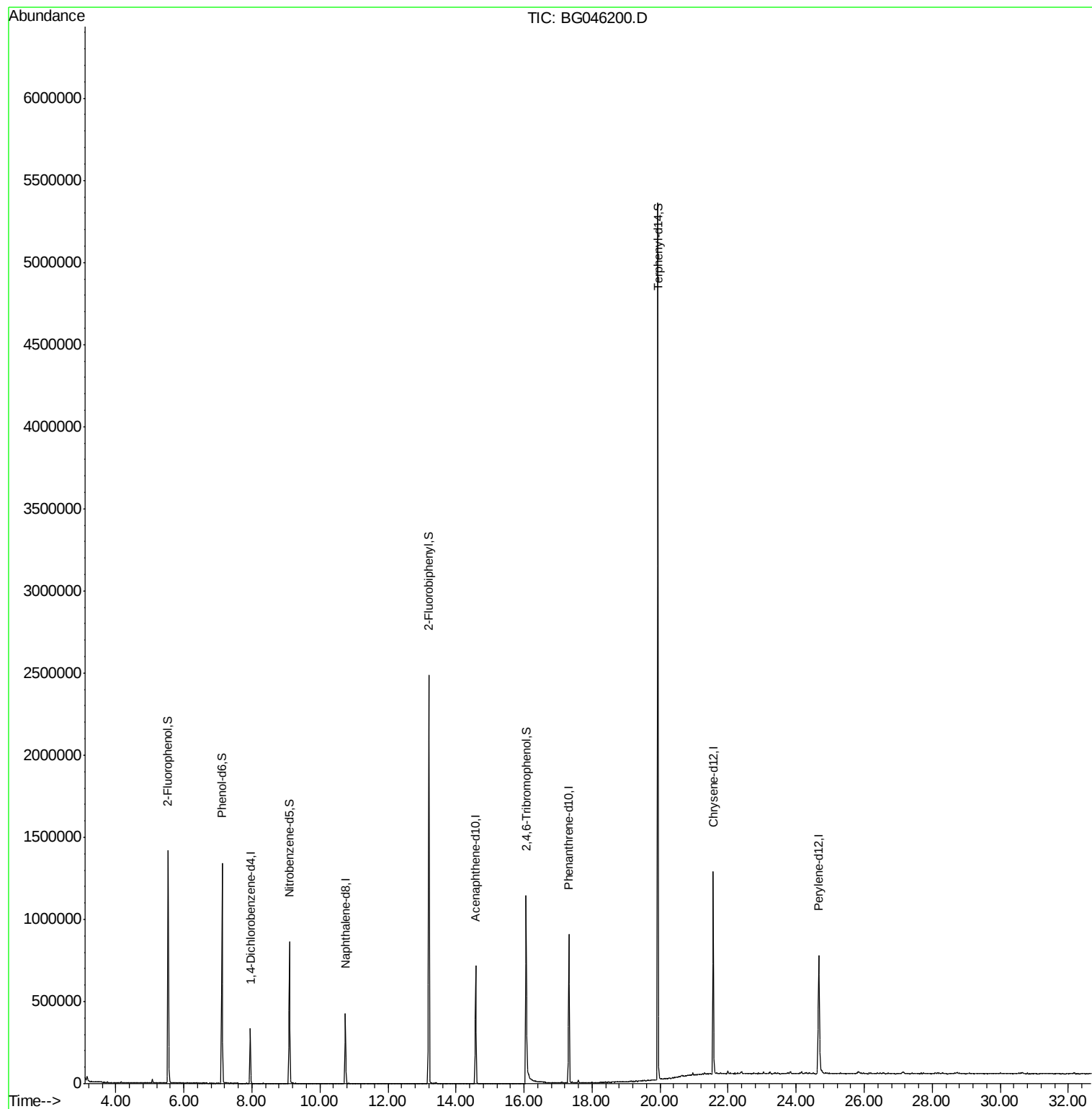
Target Compounds Qvalue

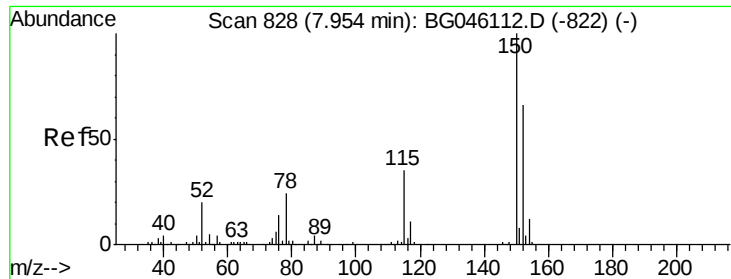
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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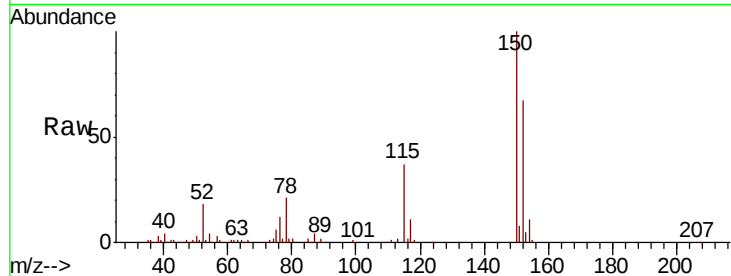


#1

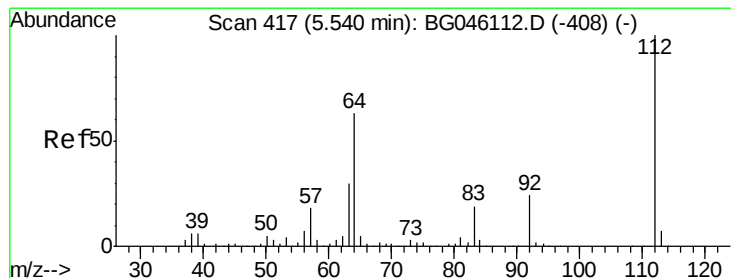
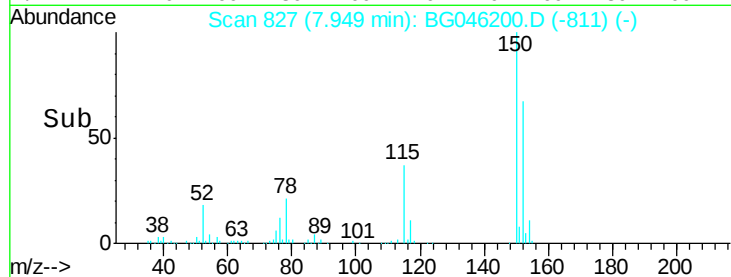
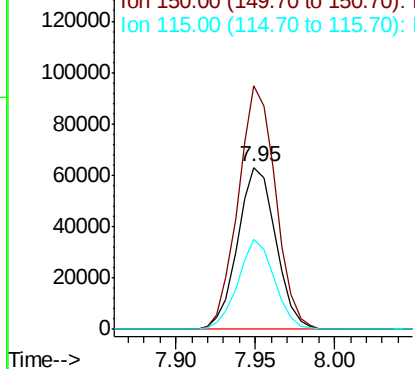
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB130810TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	122.1	183.1
115	55.3	43.2	64.8



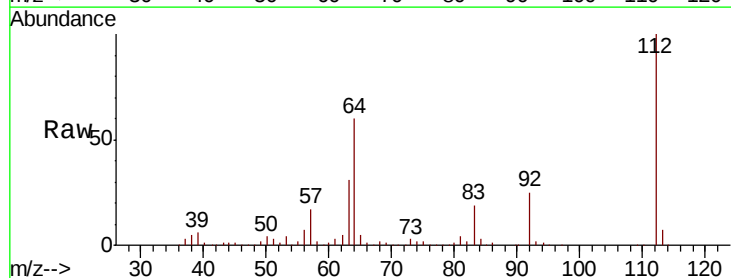
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



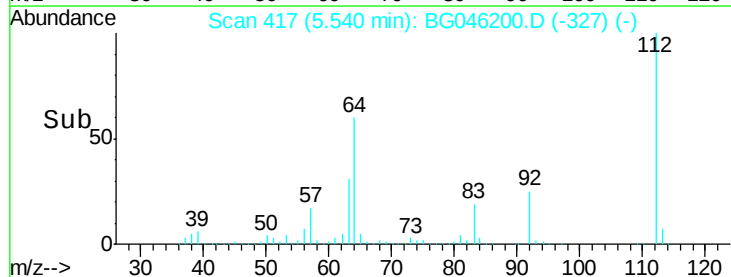
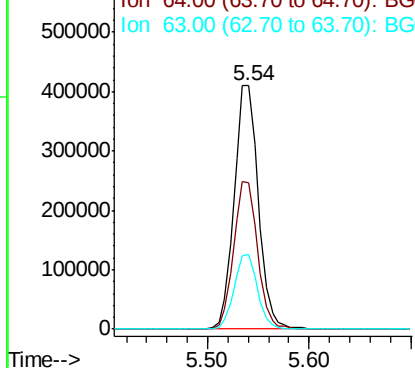
#5

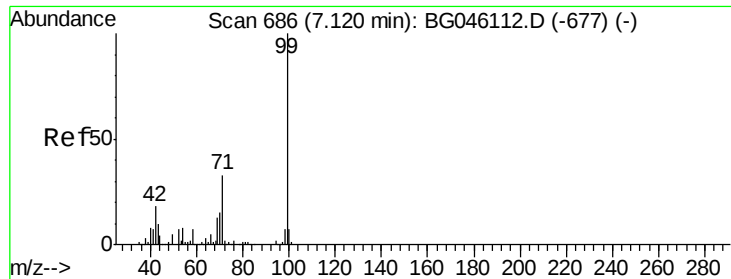
2-Fluorophenol
 Concen: 112.590 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	50.2	75.2
63	30.7	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.751 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Instrument :

BNA_G

ClientSampleId :

PB130810TB

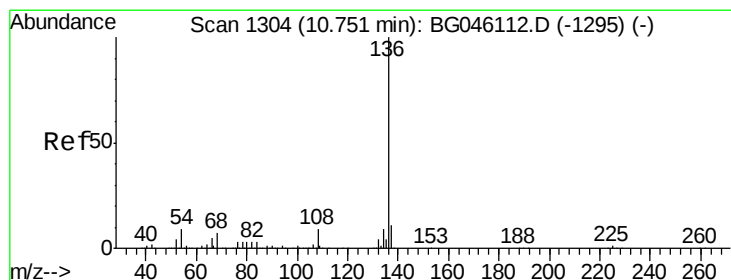
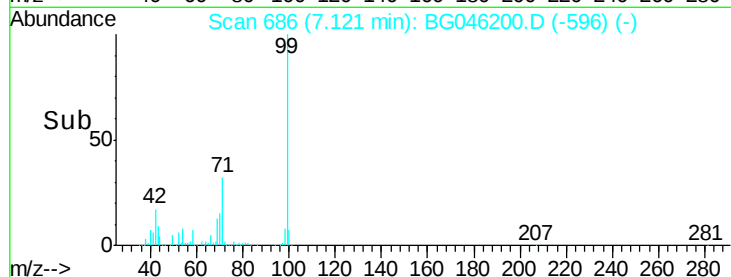
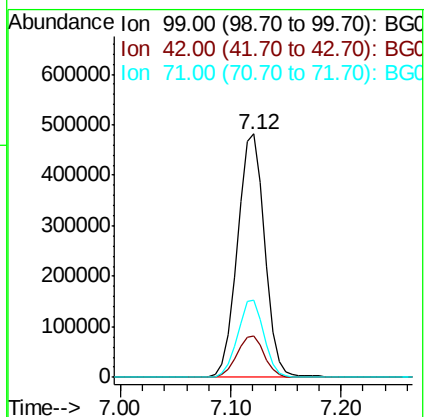
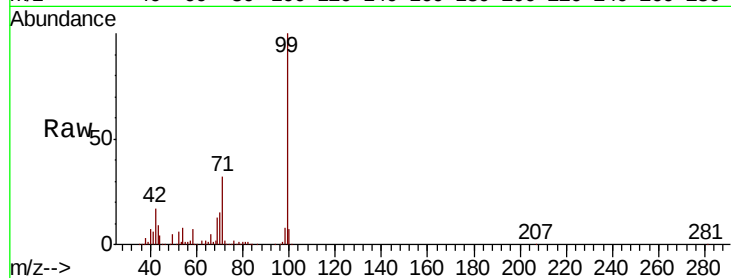
Tot Ion: 99 Resp: 835825

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 31.9 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Tgt Ion: 136 Resp: 390574

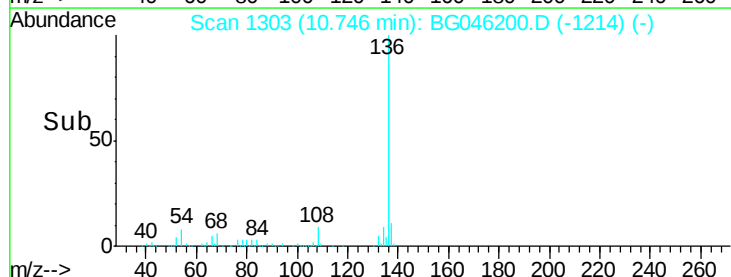
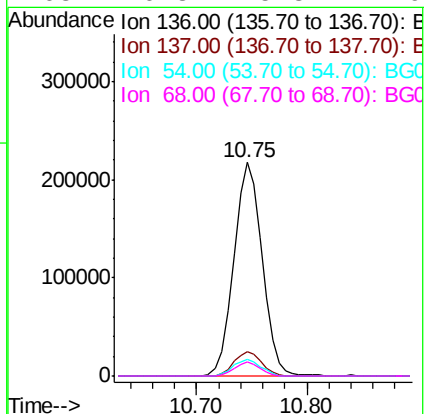
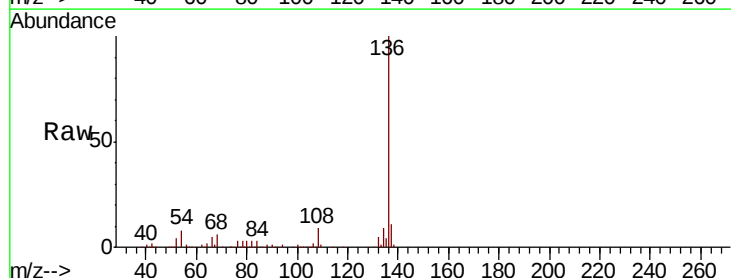
Ion Ratio Lower Upper

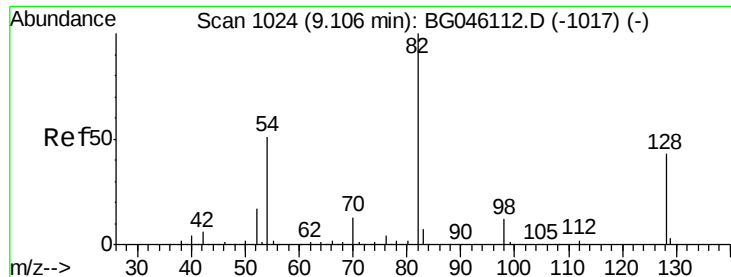
136 100

137 11.3 8.8 13.2

54 7.8 7.0 10.4

68 6.3 5.3 7.9

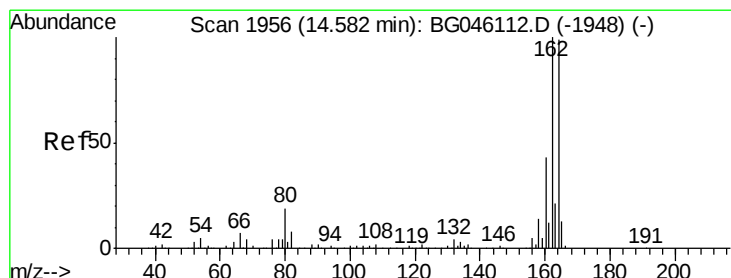
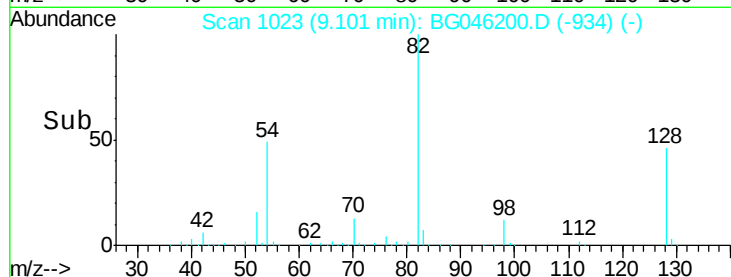
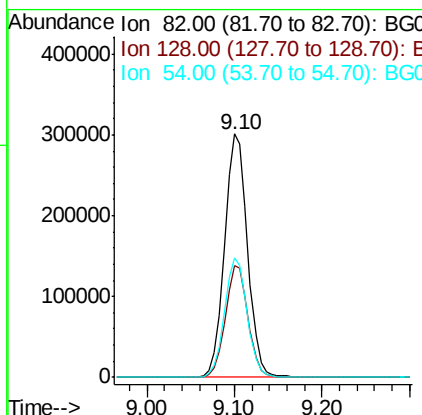
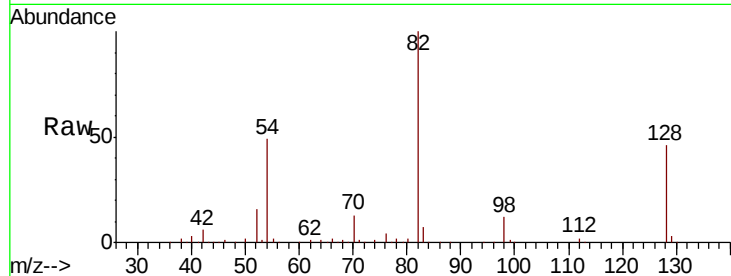




#23
 Nitrobenzene-d5
 Concen: 75.034 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

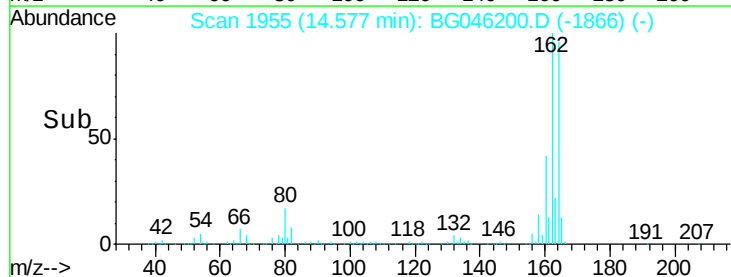
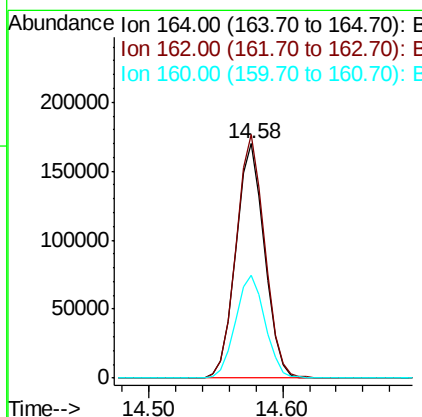
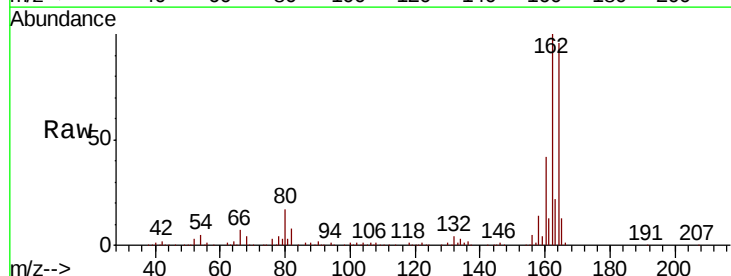
Instrument :
 BNA_G
 ClientSampleID :
 PB130810TB

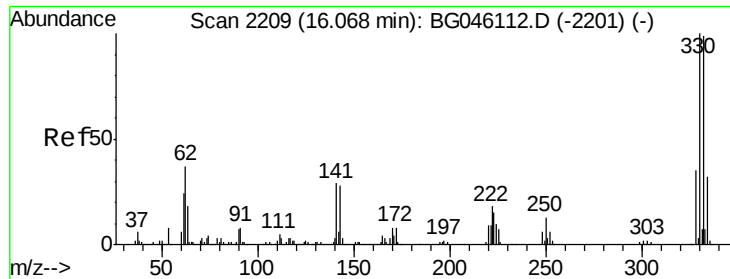
Tot Ion	82	Resp	541282
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.4	51.6
54	49.3	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

Tgt Ion	164	Resp	252424
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	121.0
160	44.1	34.9	52.3

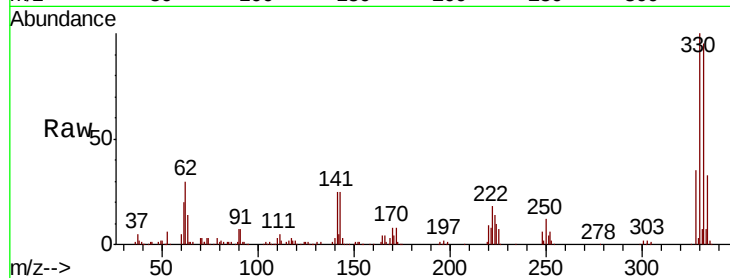




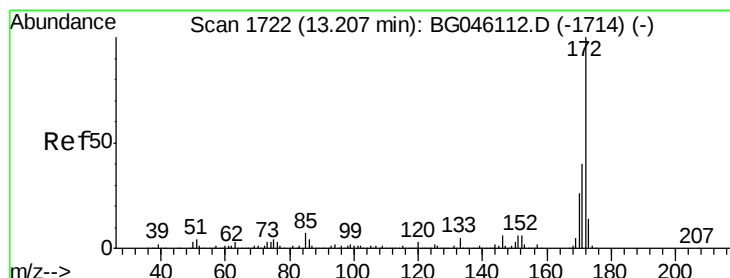
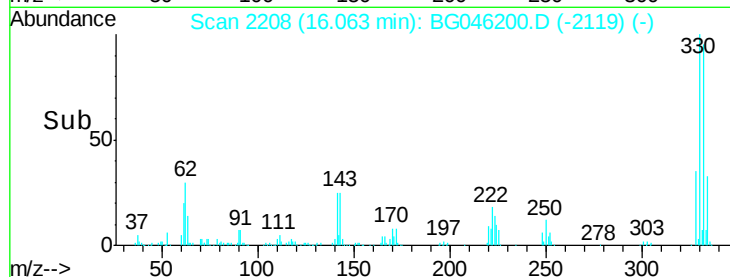
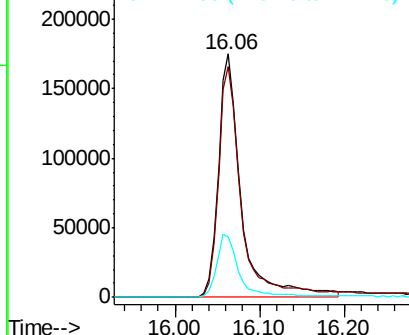
#42
 2,4,6-Tribromophenol
 Concen: 85.551 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB130810TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.4	116.2
141	26.5	23.4	35.0

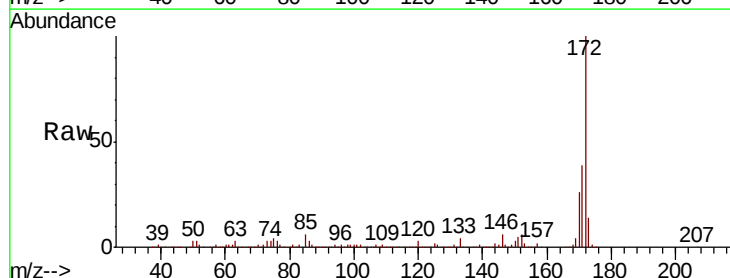


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

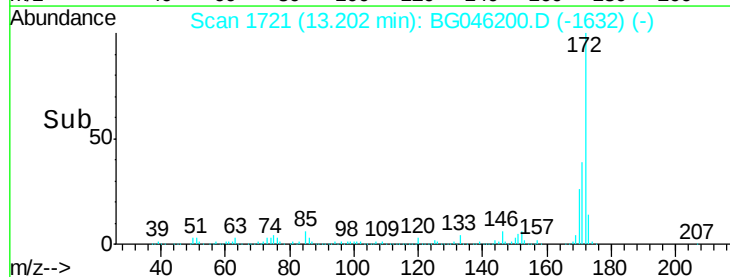
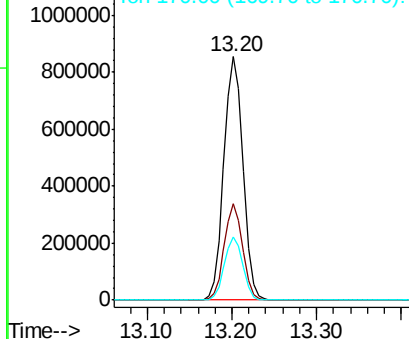


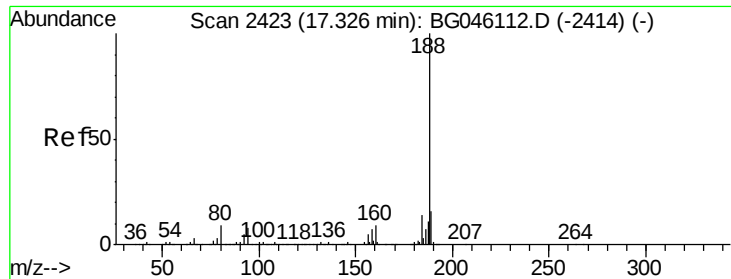
#45
 2-Fluorobiphenyl
 Concen: 76.885 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046200.D
 Acq: 7 Aug 2020 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.7	47.5
170	26.0	20.9	31.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

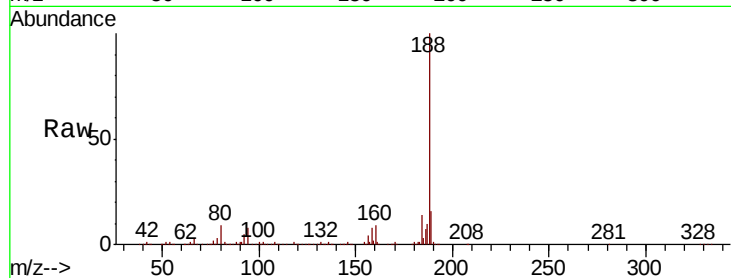




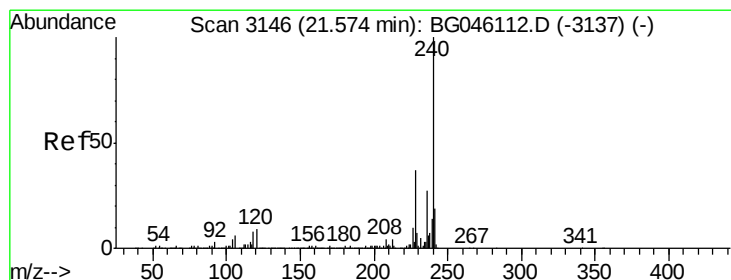
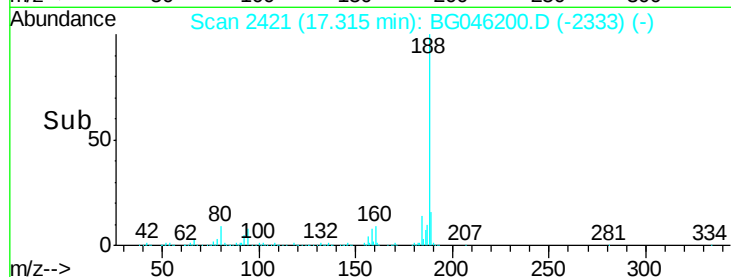
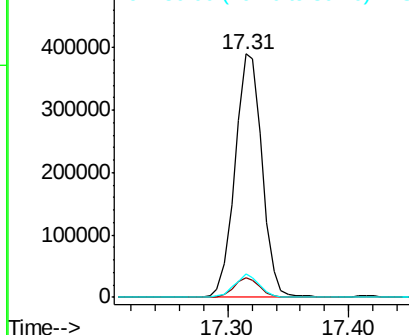
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Instrument :
BNA_G
ClientSampleId :
PB130810TB

Tot Ion:188 Resp: 608460
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.4 7.4 11.0

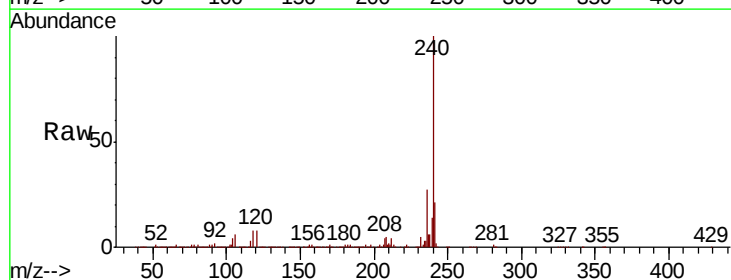


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

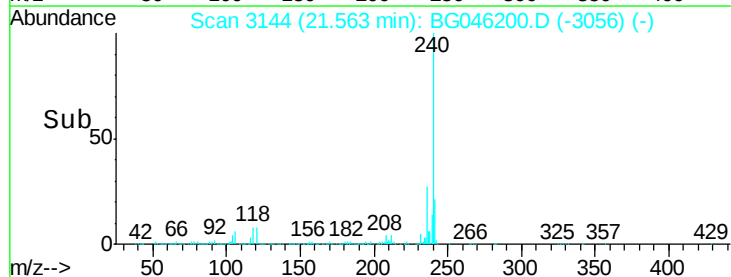
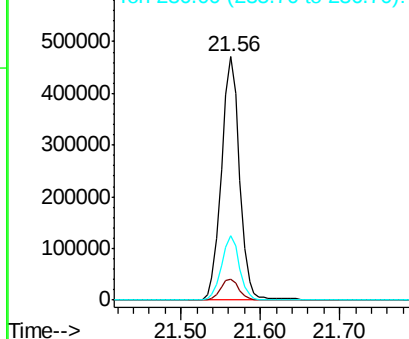


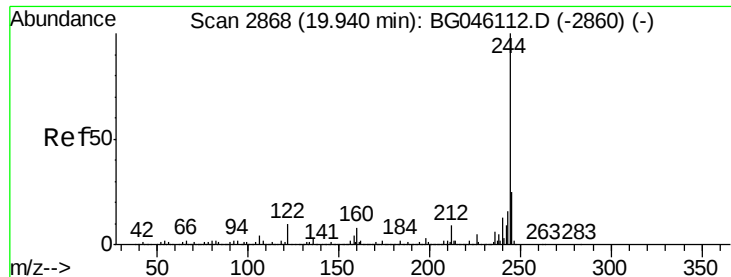
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion:240 Resp: 745567
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.5 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.892 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Instrument :

BNA_G

ClientSampleId :

PB130810TB

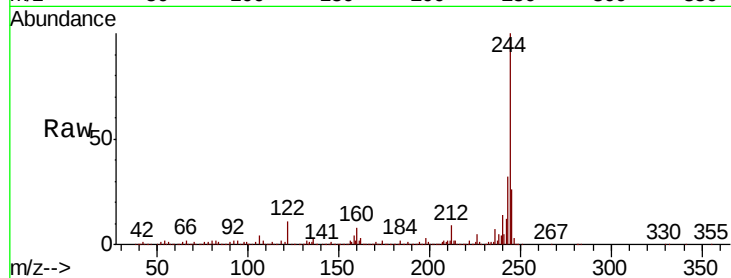
Tot Ion:244 Resp: 2338963

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

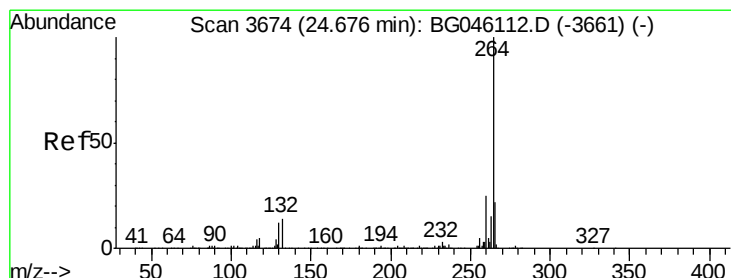
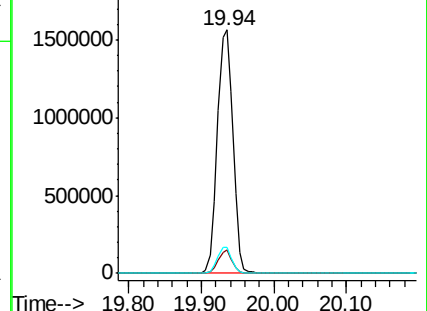
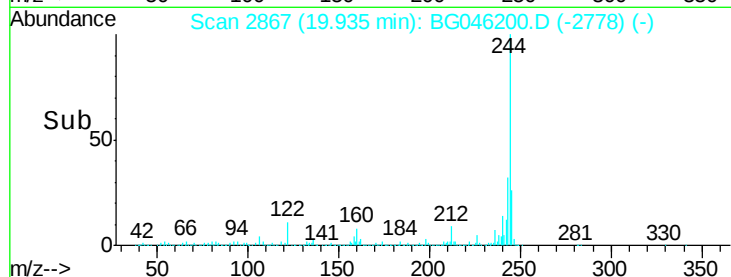
122 10.7 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

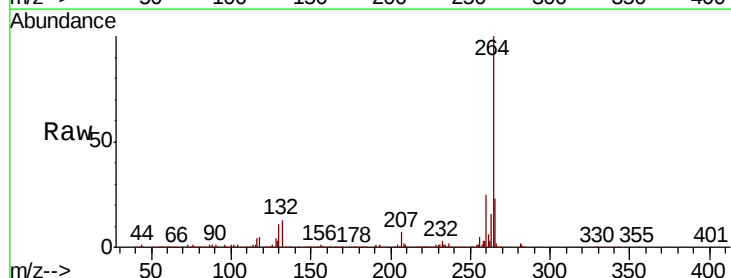
Tgt Ion:264 Resp: 749450

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

