

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046653.D
 Acq On : 16 Sep 2020 23:22
 Operator : CG/JU
 Sample : L4018-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LACY-08

Quant Time: Sep 17 01:10:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67300	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	277884	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	192710	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	437416	20.00	ng	0.00
76) Chrysene-d12	21.54	240	454691	20.00	ng	0.00
86) Perylene-d12	24.64	264	443482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	411837	108.39	ng	0.00
7) Phenol-d6	7.10	99	503002	93.38	ng	0.00
23) Nitrobenzene-d5	9.08	82	449289	92.41	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	255488	97.85	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1157984	91.73	ng	0.00
79) Terphenyl-d14	19.91	244	1763945	82.56	ng	0.00

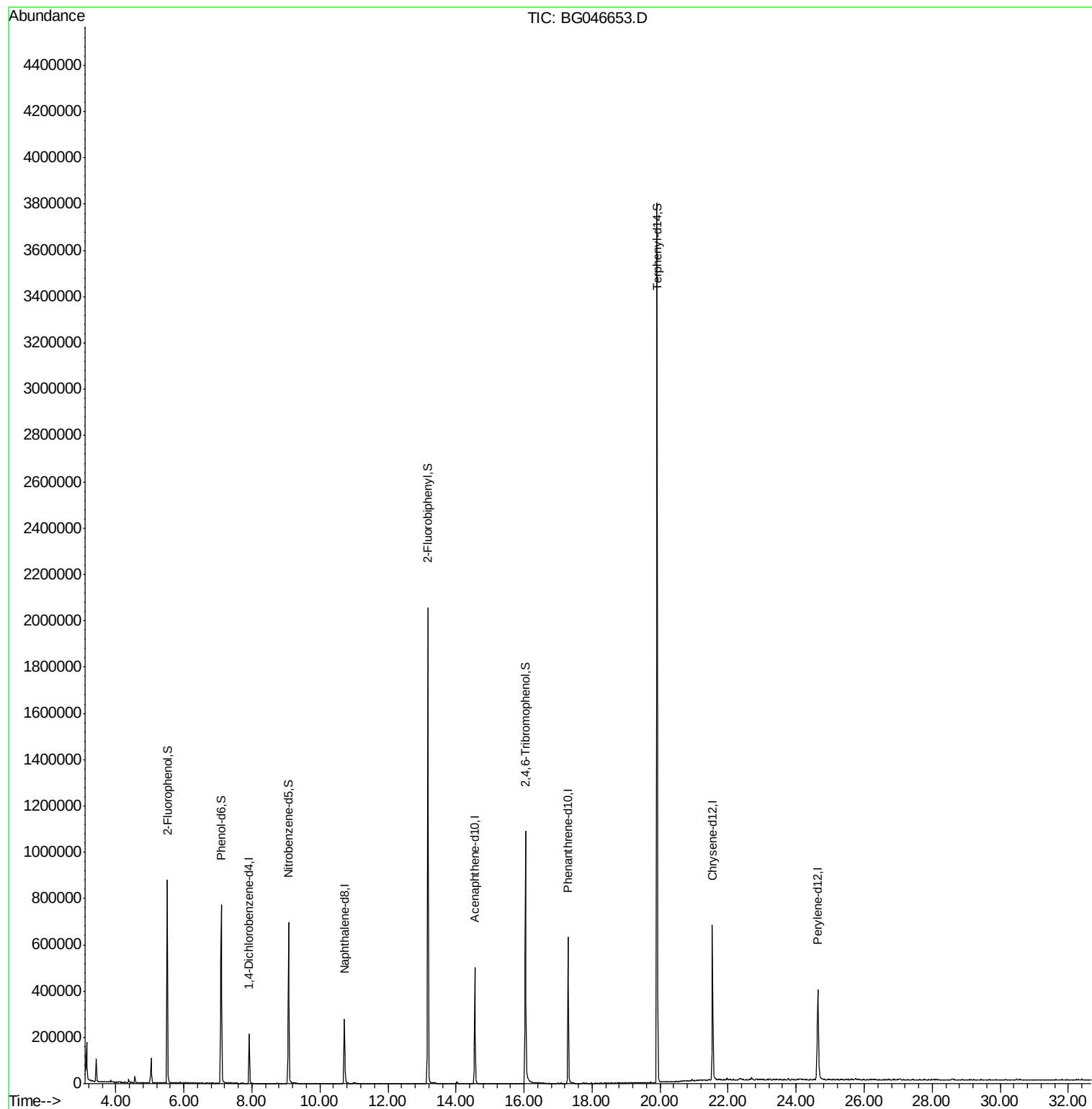
Target Compounds Qvalue

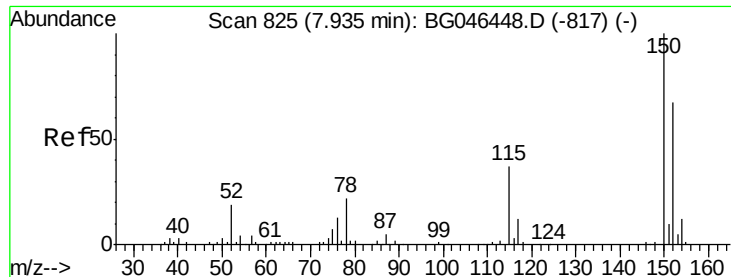
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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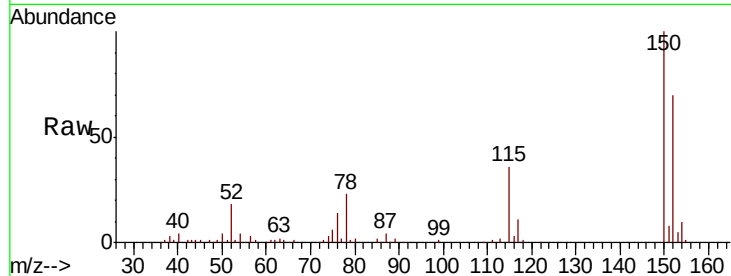


#1

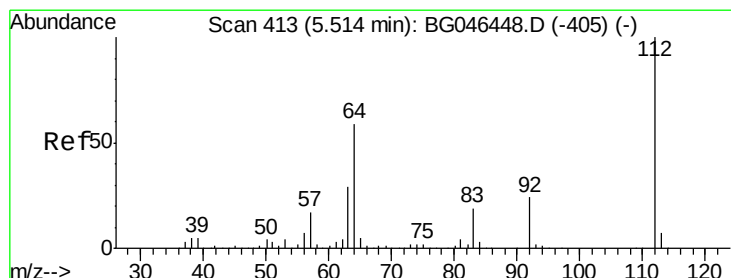
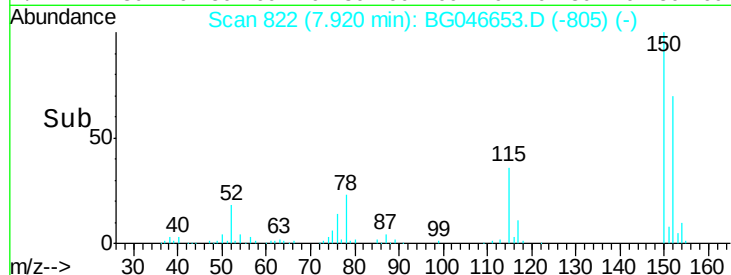
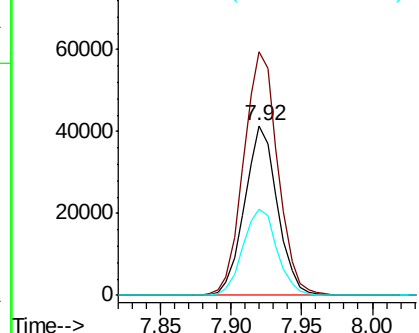
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046653.D
 Acq: 16 Sep 2020 23:22

Instrument :
 BNA_G
 ClientSampleId :
 LACY-08

Tot Ion:152 Resp: 67300
 Ion Ratio Lower Upper
 152 100
 150 143.7 125.0 187.6
 115 51.1 41.8 62.6



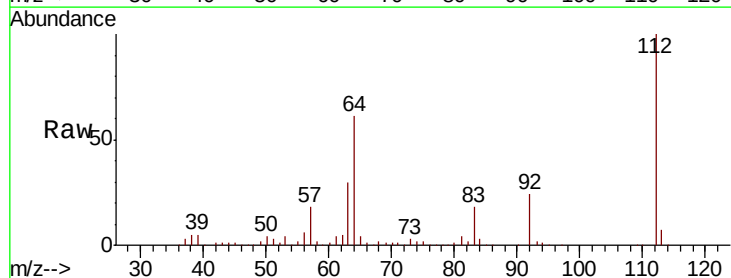
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



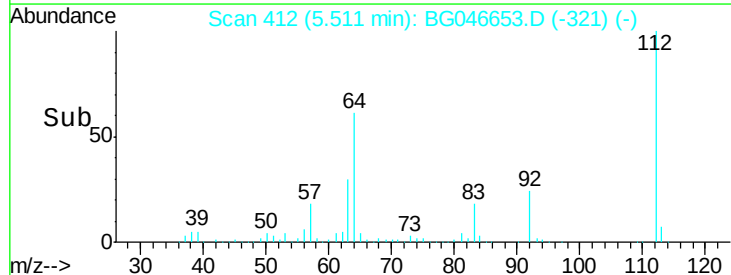
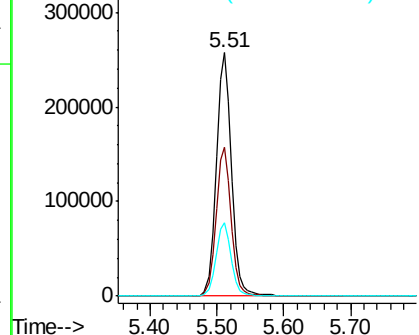
#5

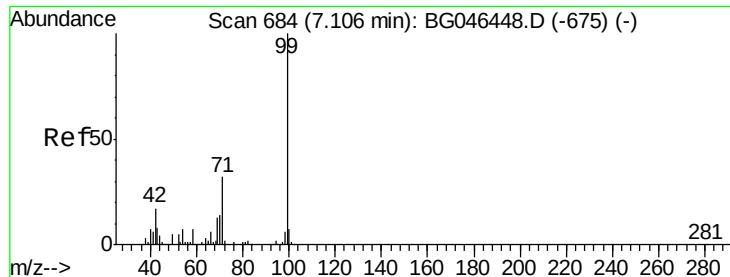
2-Fluorophenol
 Concen: 108.386 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046653.D
 Acq: 16 Sep 2020 23:22

Tgt Ion:112 Resp: 411837
 Ion Ratio Lower Upper
 112 100
 64 61.0 46.7 70.1
 63 29.9 22.8 34.2



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: 93.382 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046653.D

Acq: 16 Sep 2020 23:22

Instrument :

BNA_G

ClientSampleId :

LACY-08

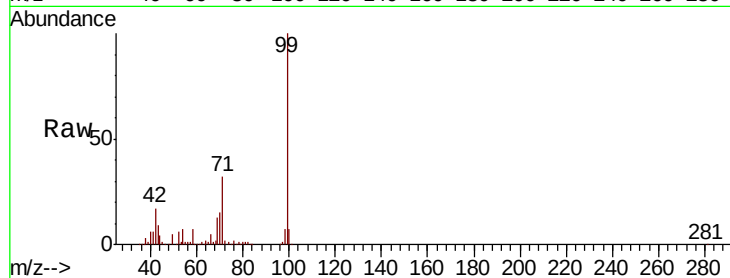
Tot Ion: 99 Resp: 503002

Ion Ratio Lower Upper

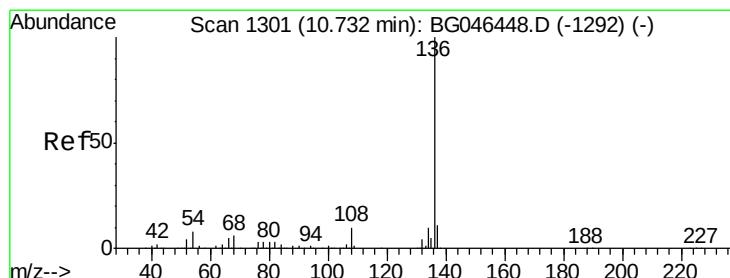
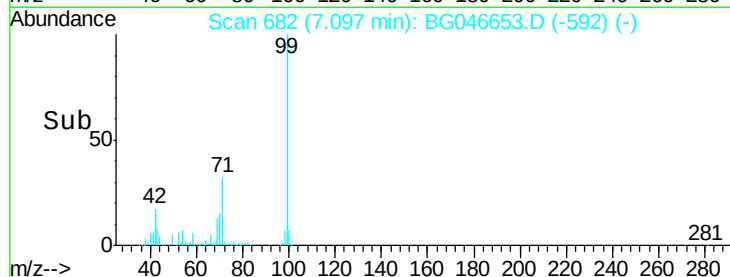
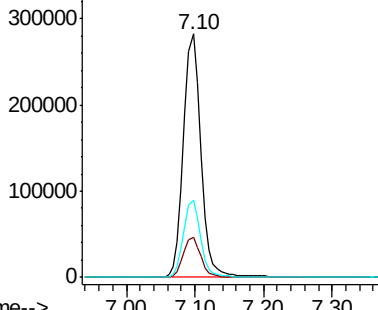
99 100

42 16.6 12.8 19.2

71 31.9 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046653.D

Acq: 16 Sep 2020 23:22

Tgt Ion: 136 Resp: 277884

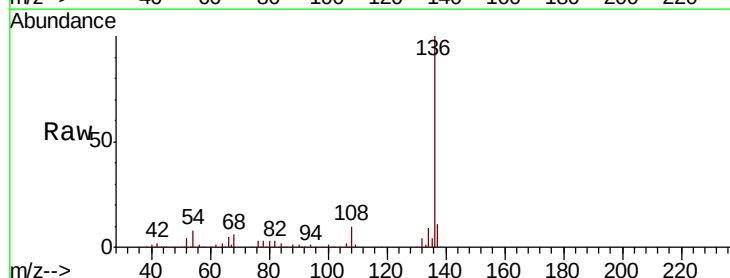
Ion Ratio Lower Upper

136 100

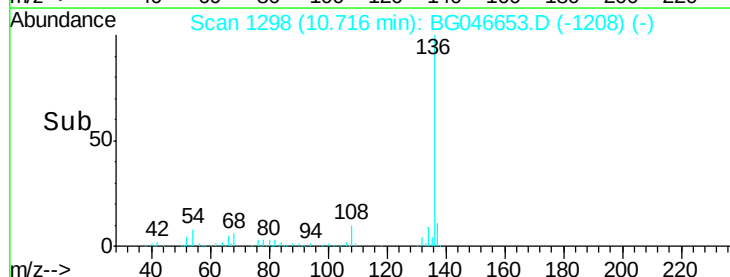
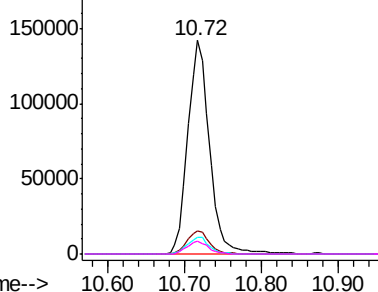
137 10.9 9.1 13.7

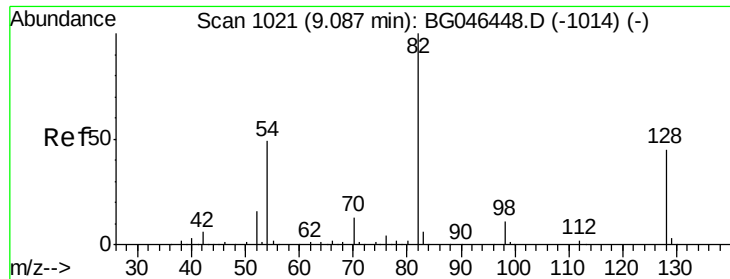
54 7.7 6.2 9.4

68 6.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

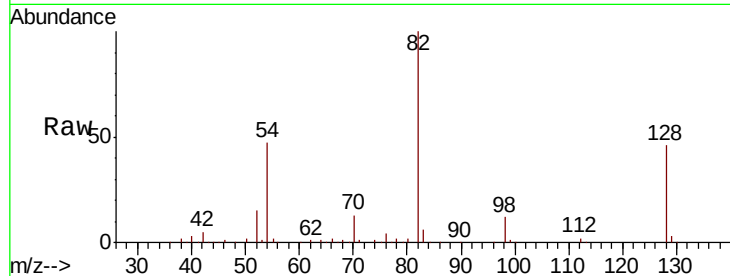




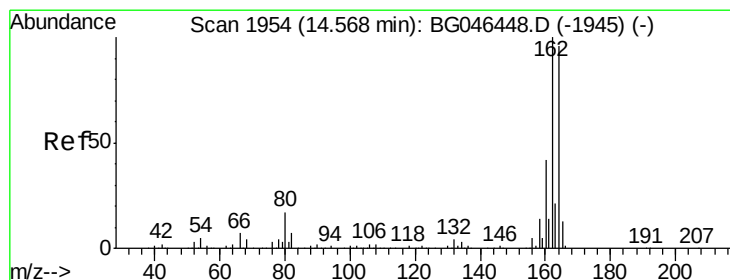
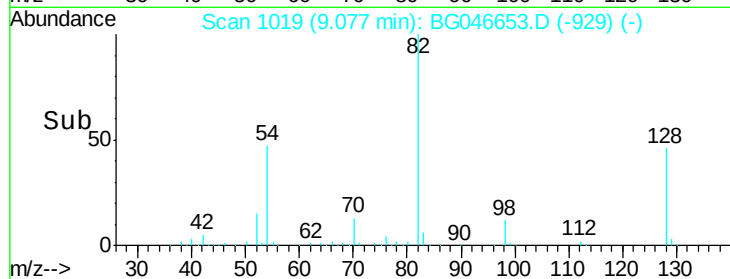
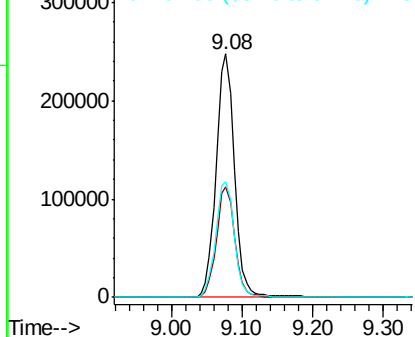
#23
Nitrobenzene-d5
Concen: 92.410 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046653.D
Acq: 16 Sep 2020 23:22

Instrument :
BNA_G
ClientSampleId :
LACY-08

Tot Ion: 82 Resp: 449289
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.6
54 47.4 39.0 58.4

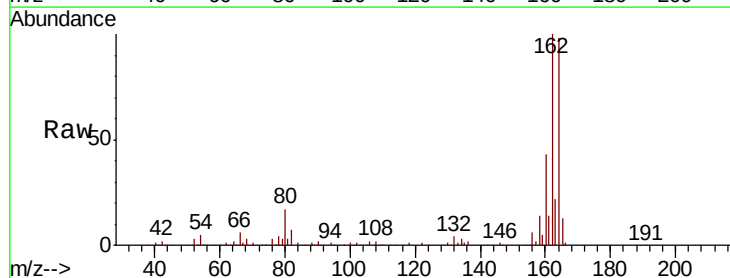


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

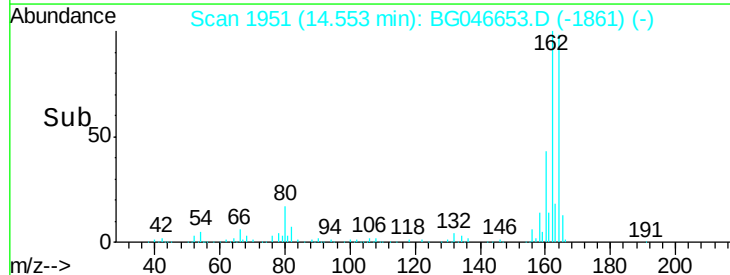
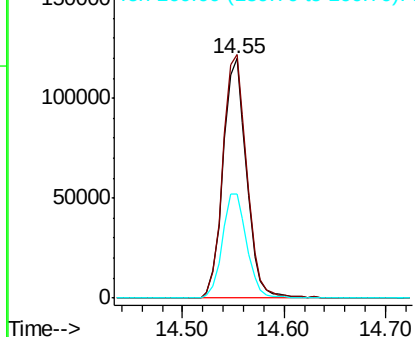


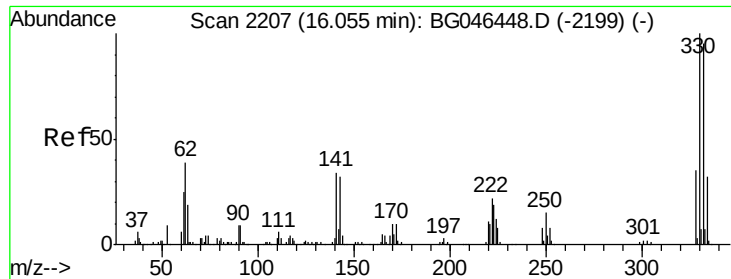
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046653.D
Acq: 16 Sep 2020 23:22

Tgt Ion: 164 Resp: 192710
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 43.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

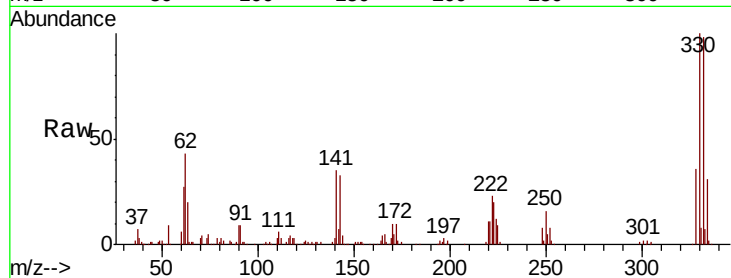




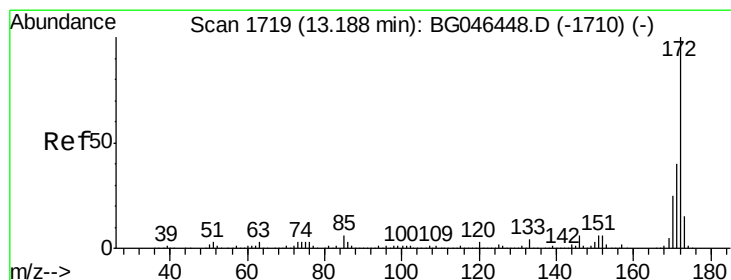
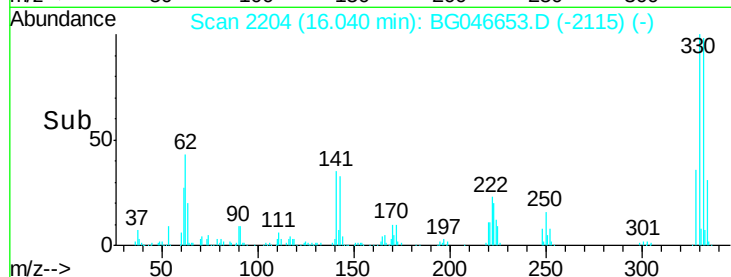
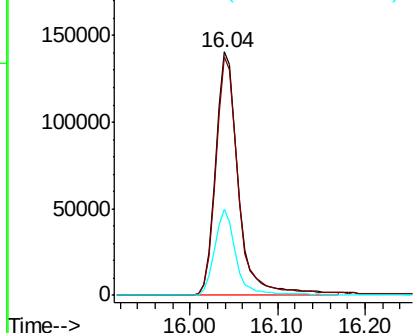
#42
 2,4,6-Tribromophenol
 Concen: 97.847 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG046653.D
 Acq: 16 Sep 2020 23:22

Instrument :
 BNA_G
 ClientSampleId :
 LACY-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.5	114.7
141	33.5	26.0	39.0

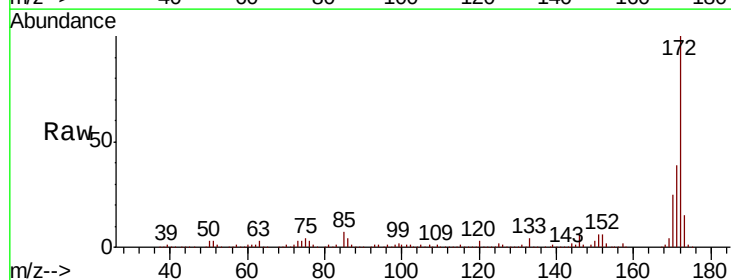


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

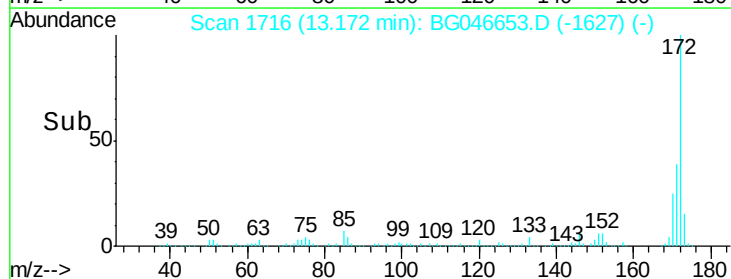
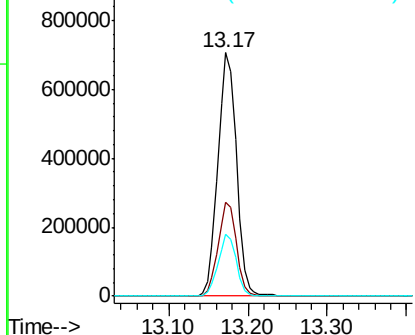


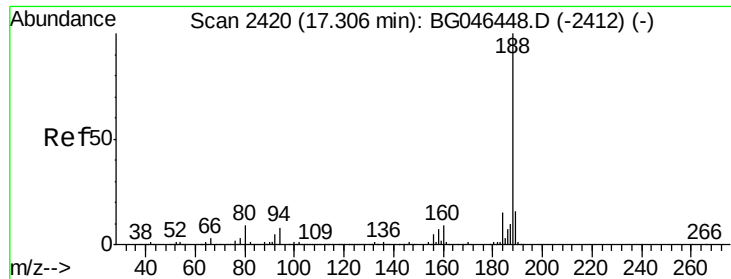
#45
 2-Fluorobiphenyl
 Concen: 91.730 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG046653.D
 Acq: 16 Sep 2020 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.2	20.8	31.2



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

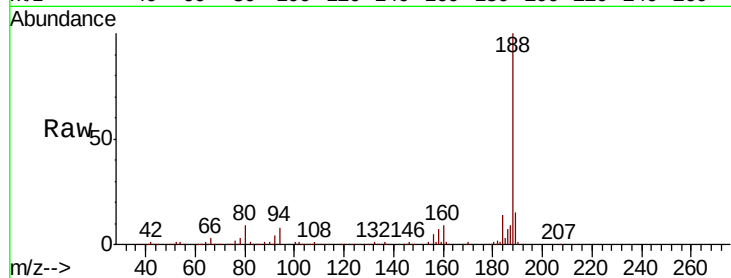




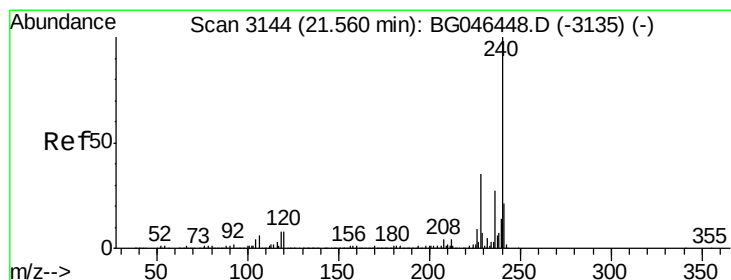
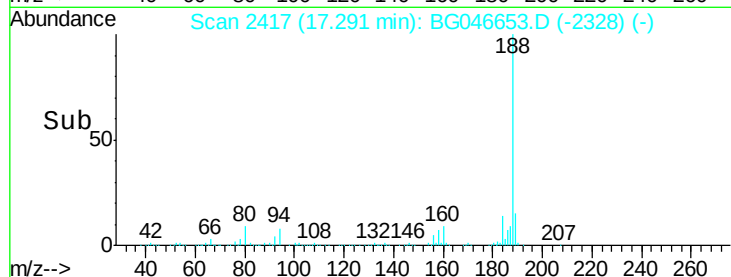
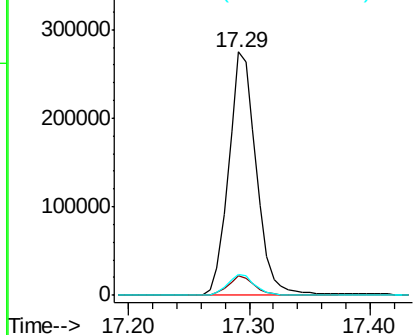
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG046653.D
Acq: 16 Sep 2020 23:22

Instrument :
BNA_G
ClientSampleId :
LACY-08

Tot Ion:188 Resp: 437416
Ion Ratio Lower Upper
188 100
94 8.2 6.3 9.5
80 8.7 7.0 10.6

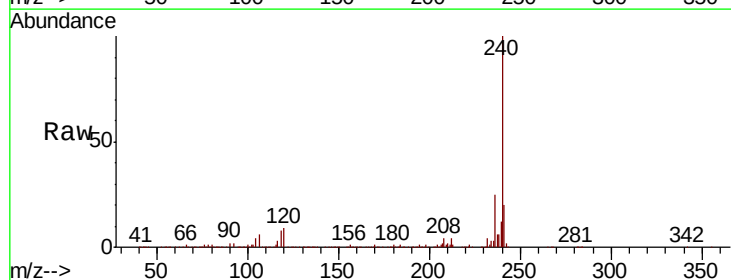


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

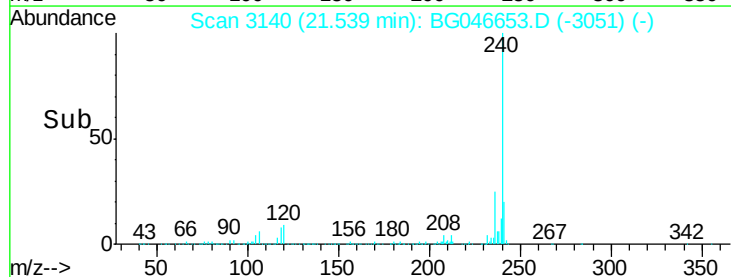
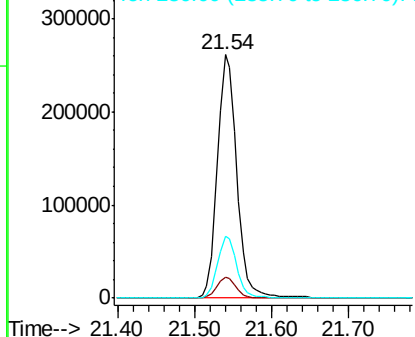


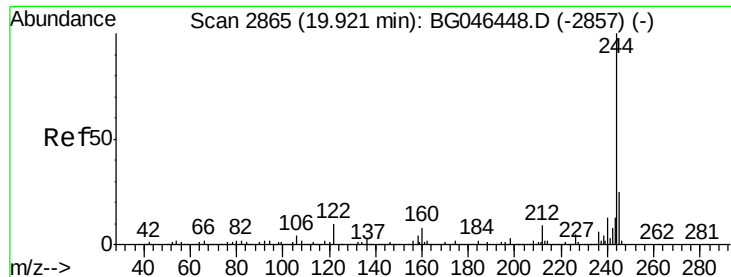
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046653.D
Acq: 16 Sep 2020 23:22

Tgt Ion:240 Resp: 454691
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.4
236 25.3 20.5 30.7



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: 82.561 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046653.D

Acq: 16 Sep 2020 23:22

Instrument :

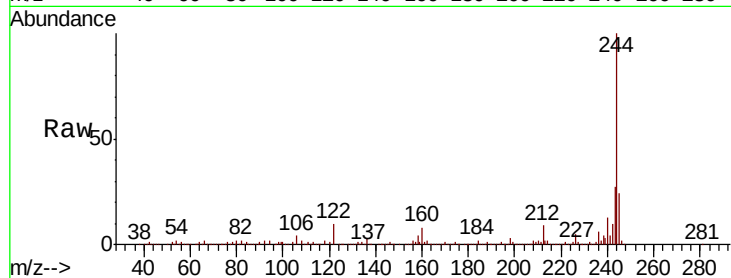
BNA_G

ClientSampleId :

LACY-08

Tot Ion:244 Resp: 1763945

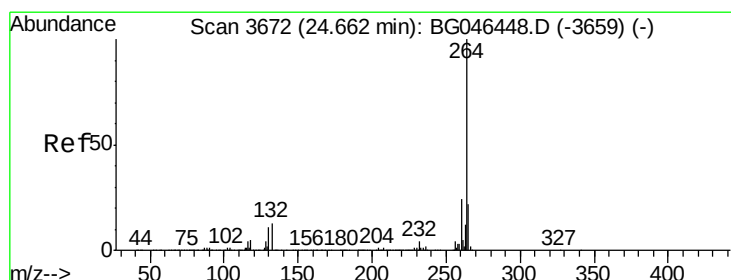
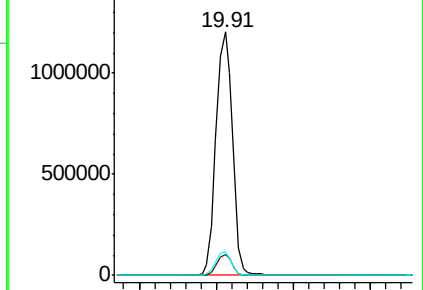
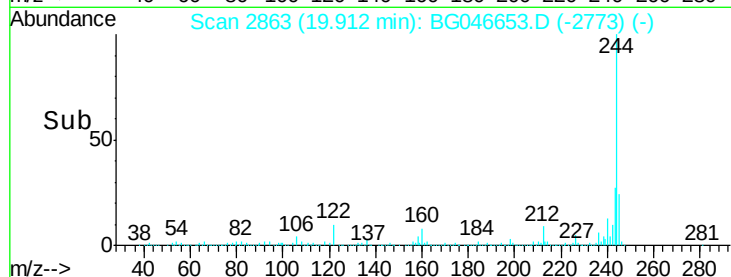
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	9.8	7.8	11.6



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: 24.64 min Scan# 3667

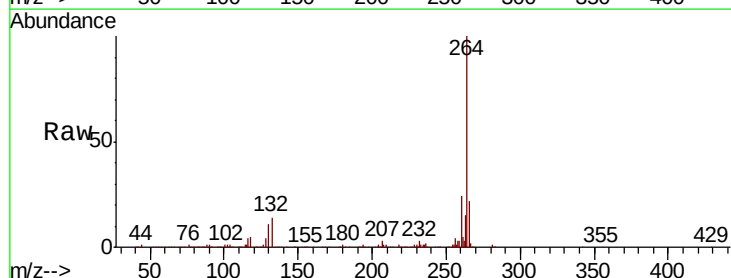
Delta R.T. 0.00 min

Lab File: BG046653.D

Acq: 16 Sep 2020 23:22

Tgt Ion:264 Resp: 443482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.8	26.8



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

