

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045576.D
 Acq On : 2 Jun 2020 14:49
 Operator : CG/JU
 Sample : PB129213TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213TB

Quant Time: Jun 02 15:30:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57464	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	221430	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156713	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	382399	20.00	ng	0.00
76) Chrysene-d12	21.61	240	407115	20.00	ng	0.00
87) Perylene-d12	24.76	264	424523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	419278	142.59	ng	0.00
7) Phenol-d6	7.15	99	587668	140.42	ng	0.00
23) Nitrobenzene-d5	9.11	82	413036	101.72	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	324617	161.97	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	946760	102.47	ng	0.00
79) Terphenyl-d14	19.96	244	1864615	106.82	ng	0.00

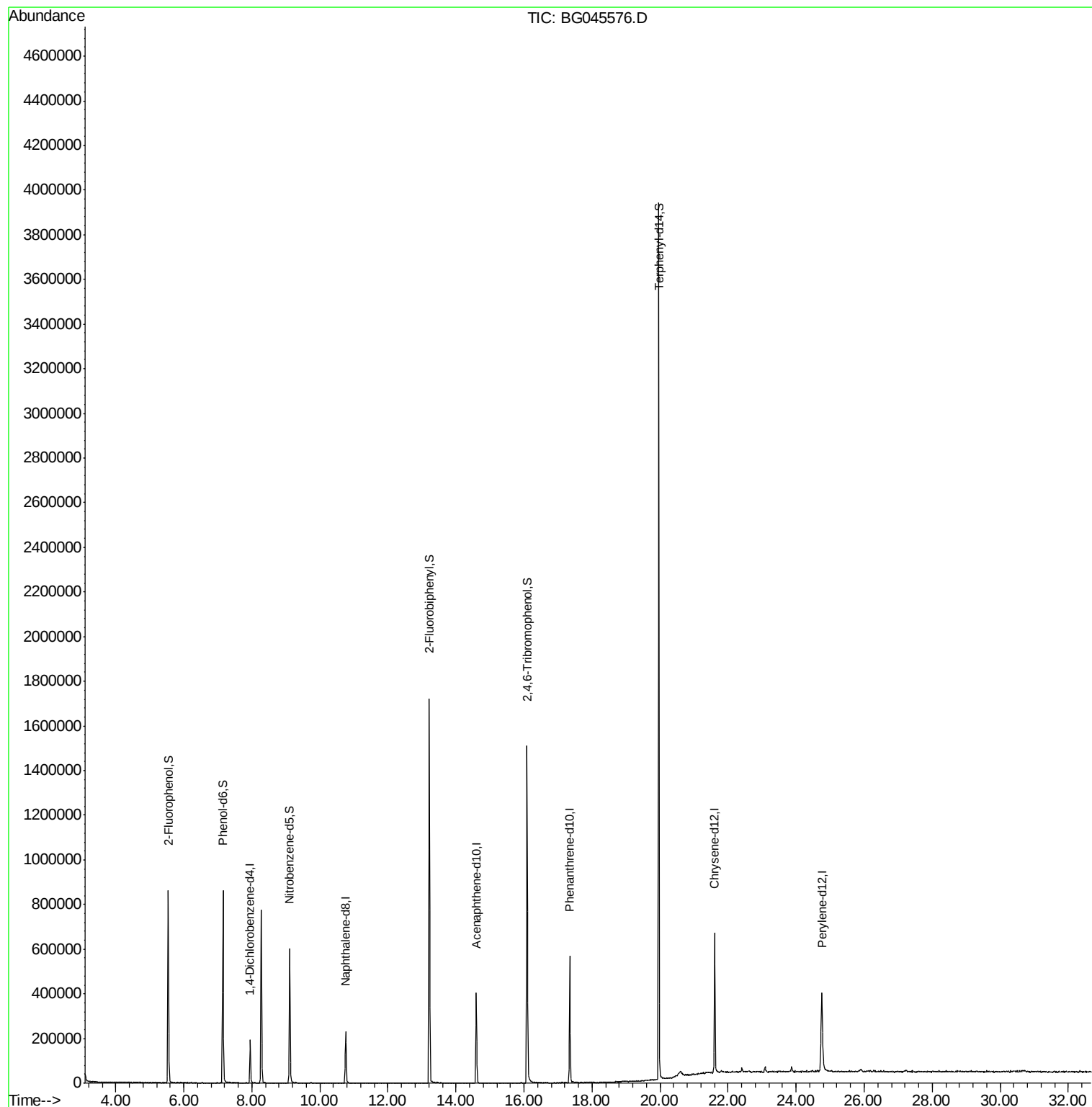
Target Compounds Qvalue

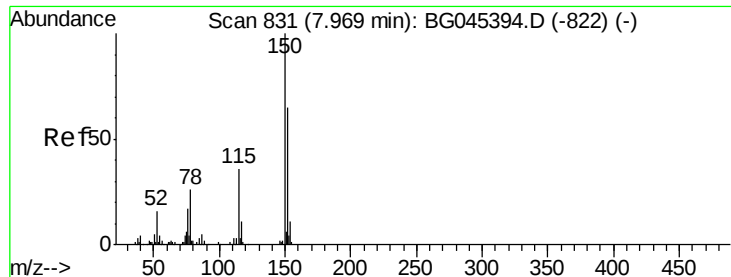
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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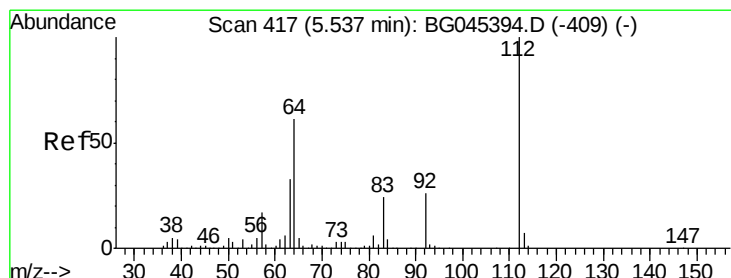
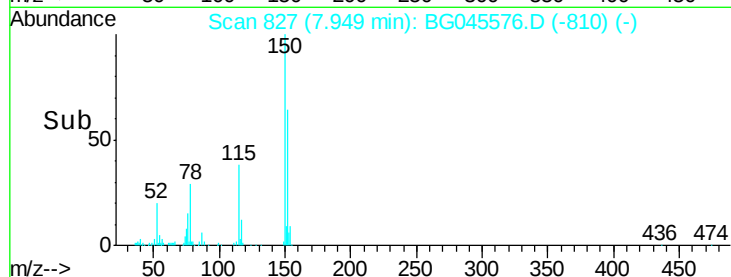
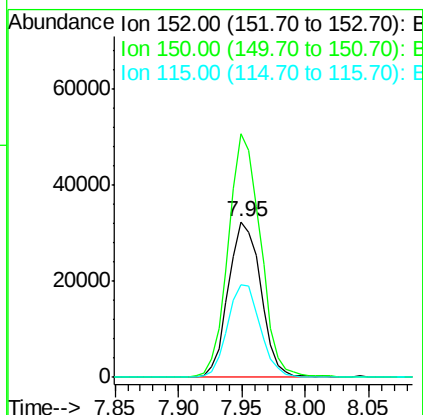
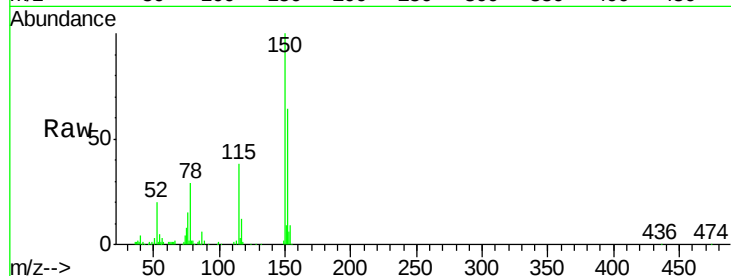


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045576.D
Acq: 2 Jun 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB129213TB

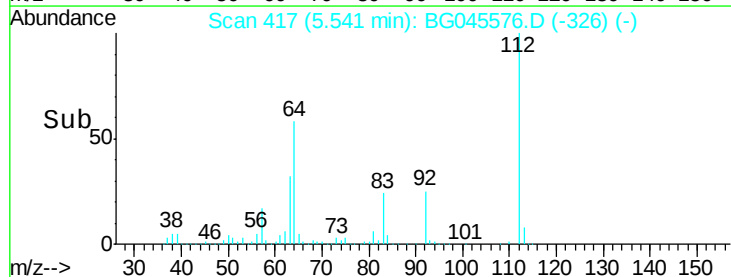
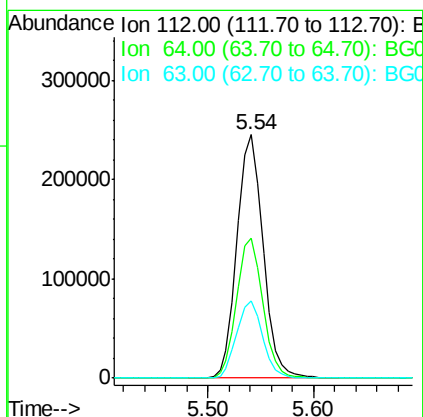
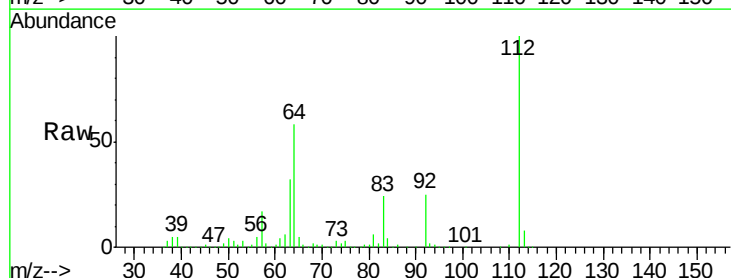
Tot Ion:152 Resp: 57464
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 59.7 44.2 66.4

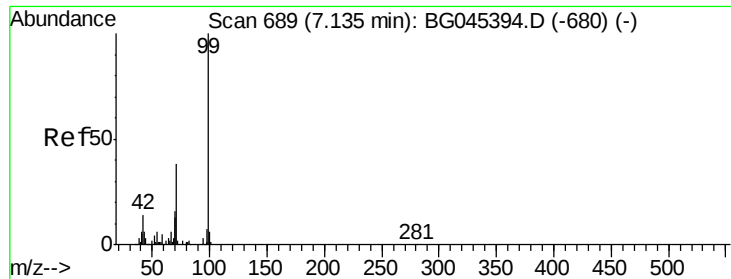


#5

2-Fluorophenol
Concen: 142.592 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045576.D
Acq: 2 Jun 2020 14:49

Tgt Ion:112 Resp: 419278
Ion Ratio Lower Upper
112 100
64 57.6 48.6 72.8
63 31.5 26.5 39.7





#7

Phenol-d6

Concen: 140.420 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045576.D

Acq: 2 Jun 2020 14:49

Instrument :

BNA_G

ClientSampleId :

PB129213TB

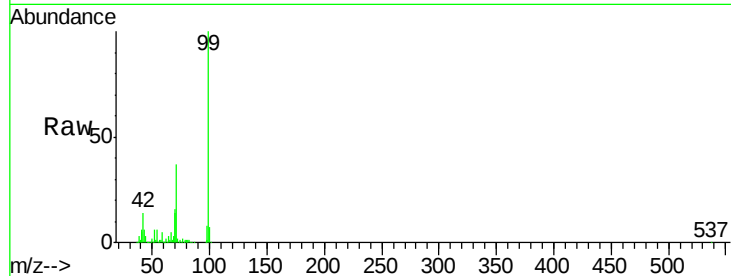
Tot Ion: 99 Resp: 587668

Ion Ratio Lower Upper

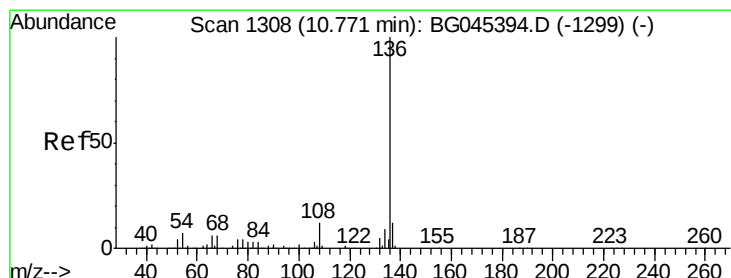
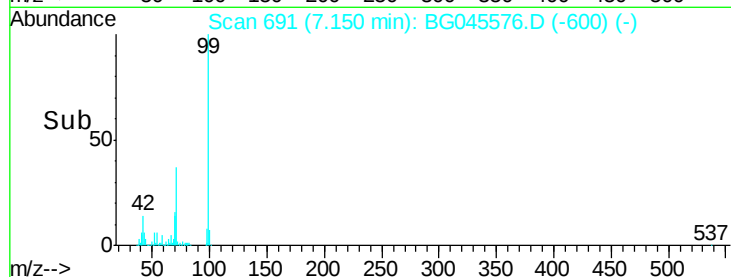
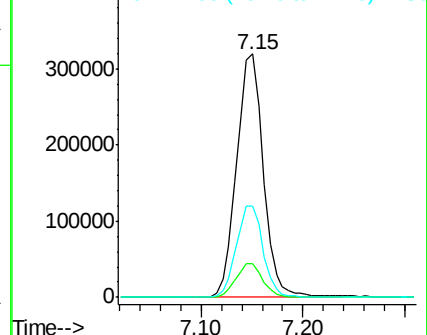
99 100

42 14.0 11.3 16.9

71 37.3 30.8 46.2



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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045576.D

Acq: 2 Jun 2020 14:49

Tgt Ion: 136 Resp: 221430

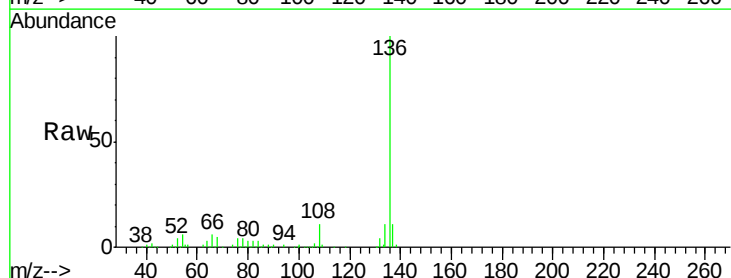
Ion Ratio Lower Upper

136 100

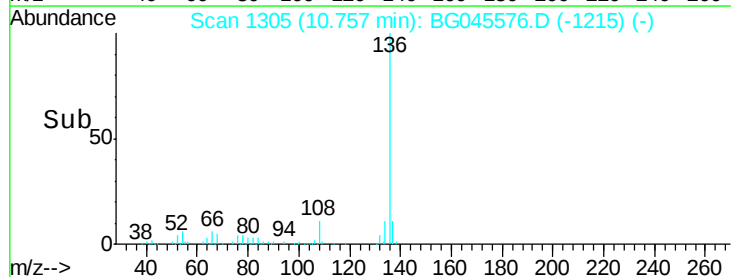
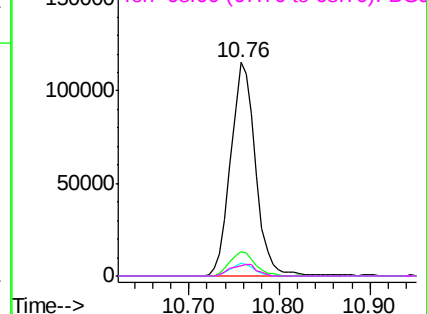
137 11.4 9.4 14.2

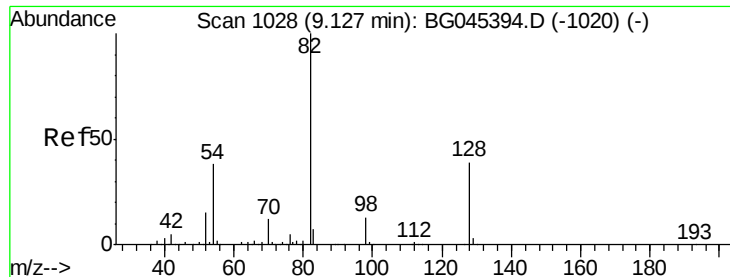
54 5.8 5.8 8.6

68 4.8 4.5 6.7



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

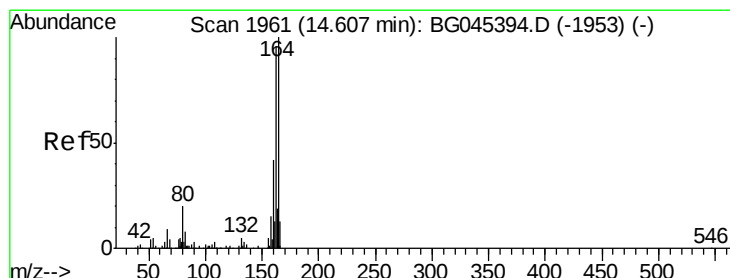
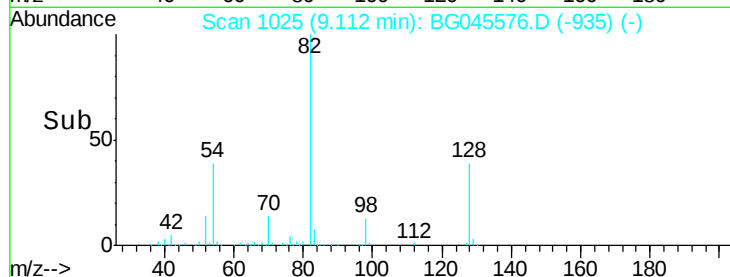
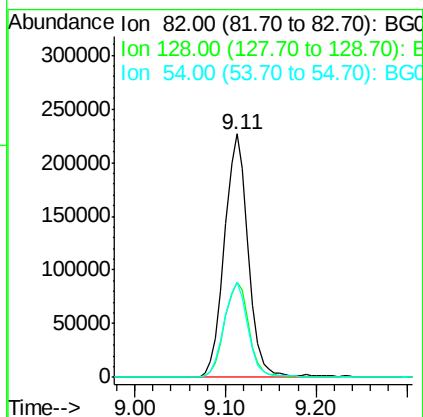
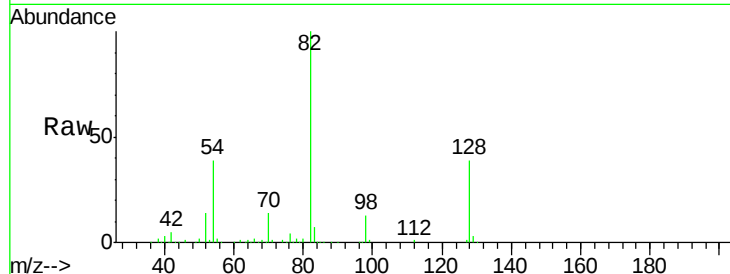




#23
 Nitrobenzene-d5
 Concen: 101.718 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045576.D
 Acq: 2 Jun 2020 14:49

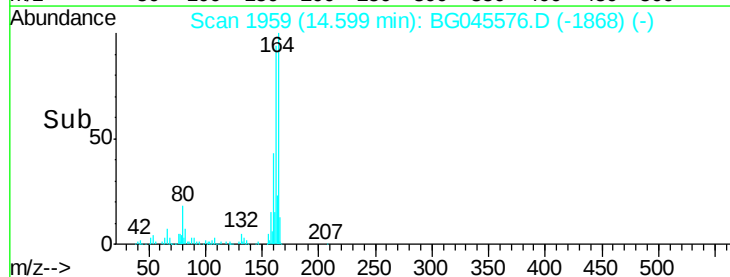
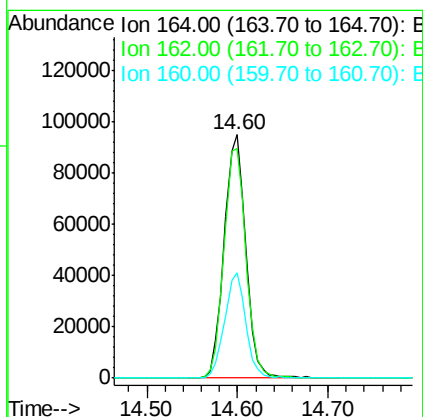
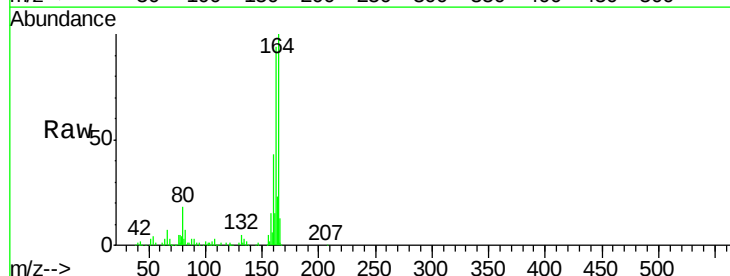
Instrument :
 BNA_G
 ClientSampleId :
 PB129213TB

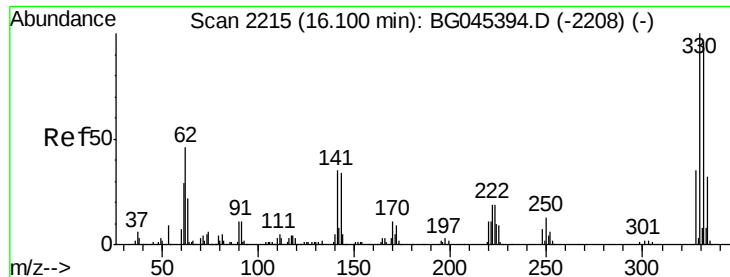
Tot Ion	82	Resp	413036
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	39.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045576.D
 Acq: 2 Jun 2020 14:49

Tgt Ion	164	Resp	156713
Ion Ratio	Lower	Upper	
164	100		
162	94.4	76.9	115.3
160	43.1	33.8	50.8

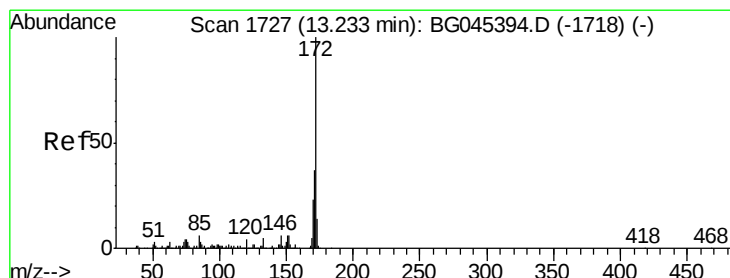
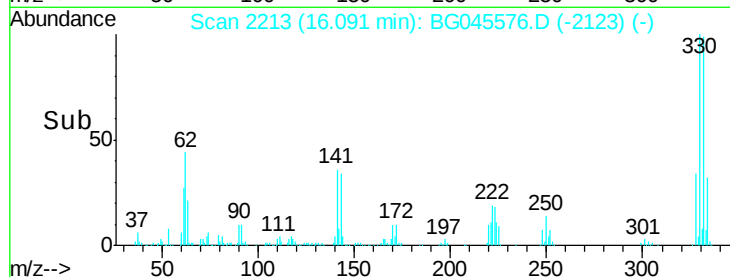
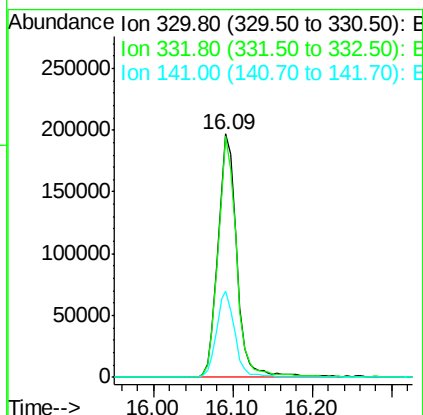
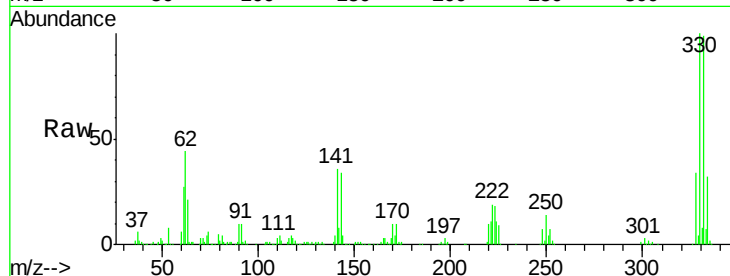




#42
 2,4,6-Tribromophenol
 Concen: 161.970 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045576.D
 Acq: 2 Jun 2020 14:49

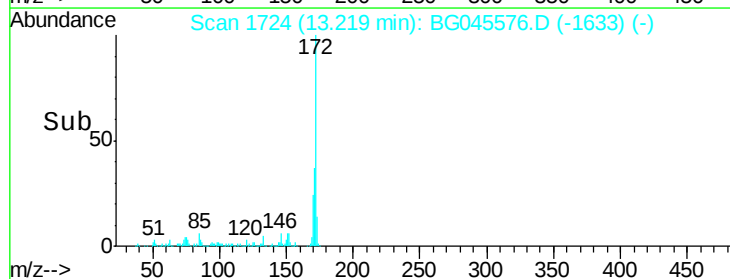
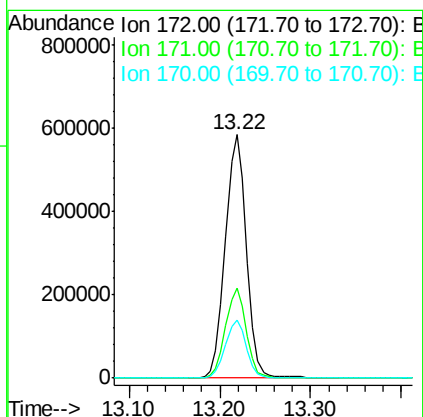
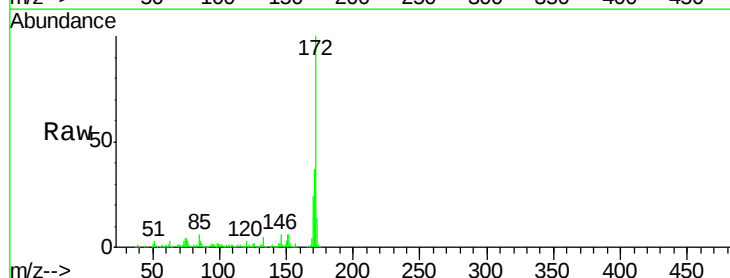
Instrument :
 BNA_G
 ClientSampleId :
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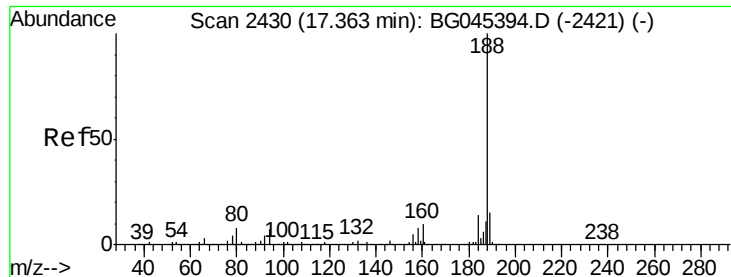
Tot Ion:330 Resp: 324617
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.4
 141 34.5 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 102.474 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045576.D
 Acq: 2 Jun 2020 14:49

Tgt Ion:172 Resp: 946760
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 23.6 18.5 27.7

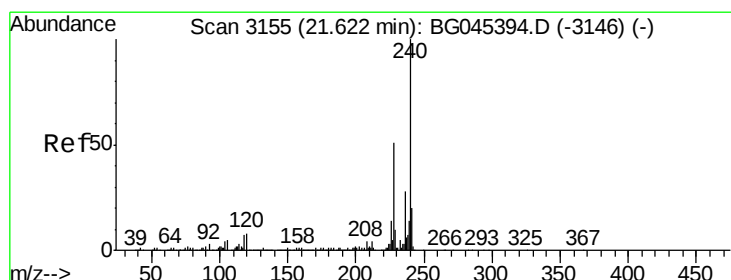
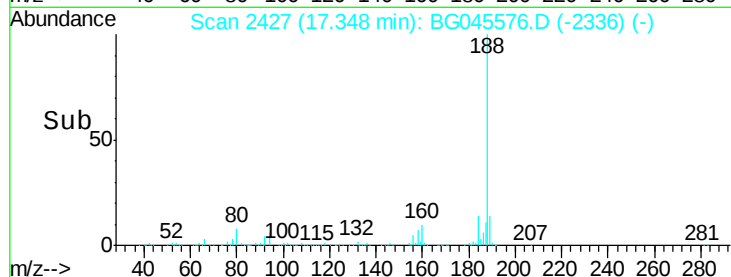
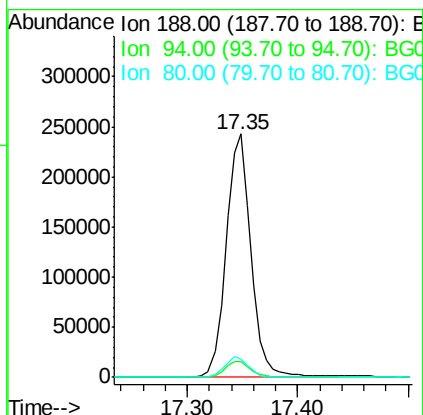
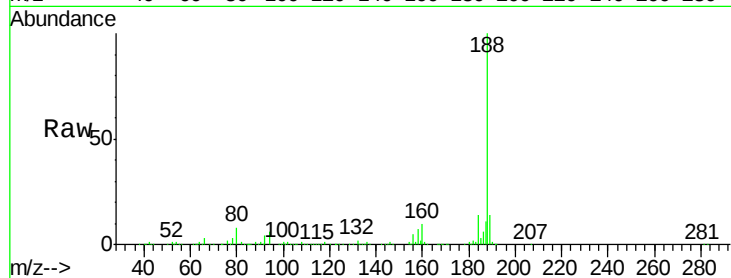




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045576.D
Acq: 2 Jun 2020 14:49

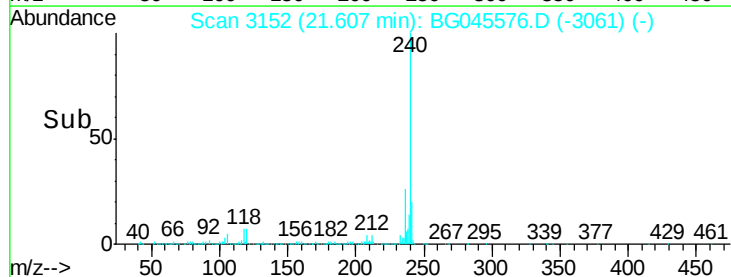
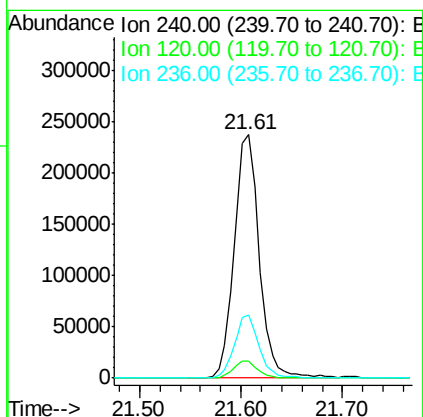
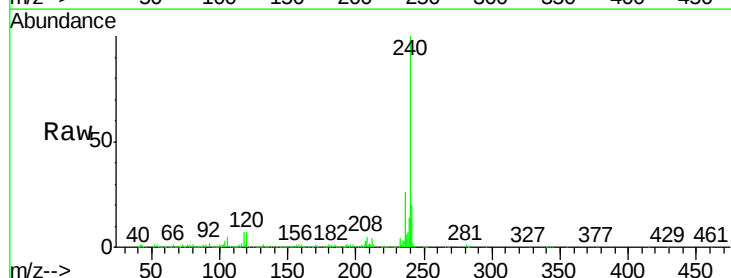
Instrument :
BNA_G
ClientSampleId :
PB129213TB

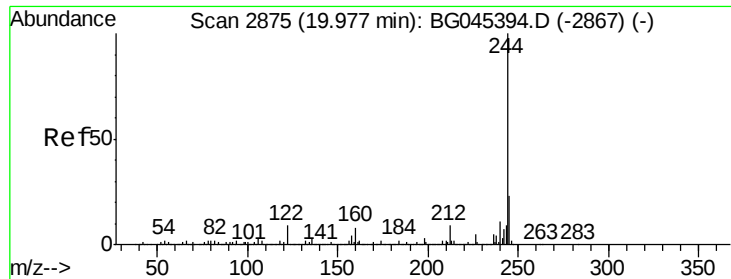
Tot Ion:188 Resp: 382399
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 7.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045576.D
Acq: 2 Jun 2020 14:49

Tgt Ion:240 Resp: 407115
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.8 22.3 33.5





#79

Terphenyl-d14

Concen: 106.821 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045576.D

Acq: 2 Jun 2020 14:49

Instrument :

BNA_G

ClientSampleId :

PB129213TB

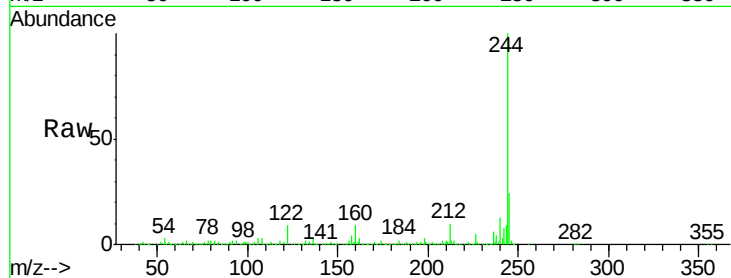
Tot Ion:244 Resp: 1864615

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

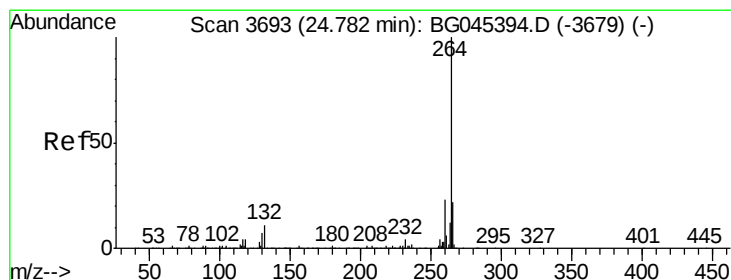
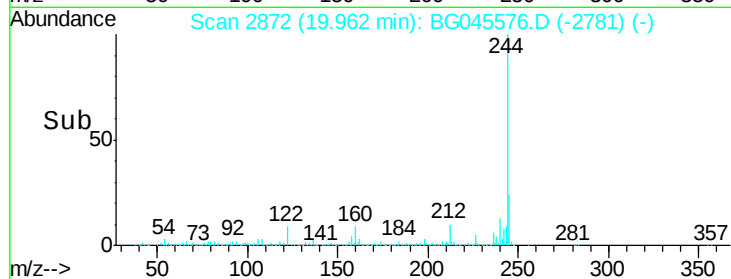
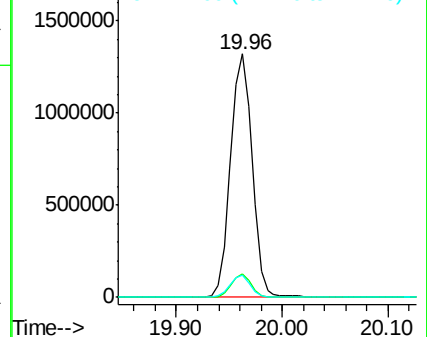
122 8.9 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045576.D

Acq: 2 Jun 2020 14:49

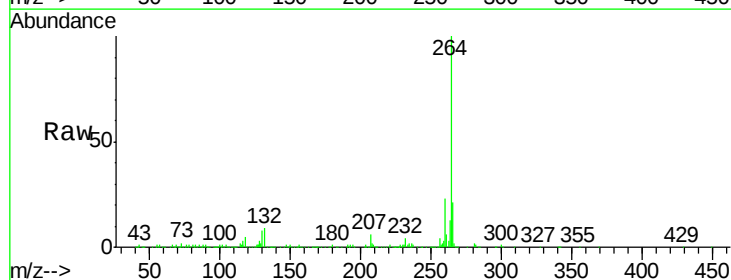
Tgt Ion:264 Resp: 424523

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.2 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

