

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045440.D
 Acq On : 21 May 2020 15:01
 Operator : CG/JU
 Sample : PB129042BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

Quant Time: May 21 15:39:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	58298	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	236344	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	176644	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	423475	20.00	ng	0.00
76) Chrysene-d12	21.61	240	457681	20.00	ng	0.00
87) Perylene-d12	24.76	264	479599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	437865	146.78	ng	0.00
7) Phenol-d6	7.18	99	618923	145.77	ng	0.00
23) Nitrobenzene-d5	9.12	82	438471	101.17	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	359304	159.05	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1062595	102.03	ng	0.00
79) Terphenyl-d14	19.97	244	2083473	106.17	ng	0.00

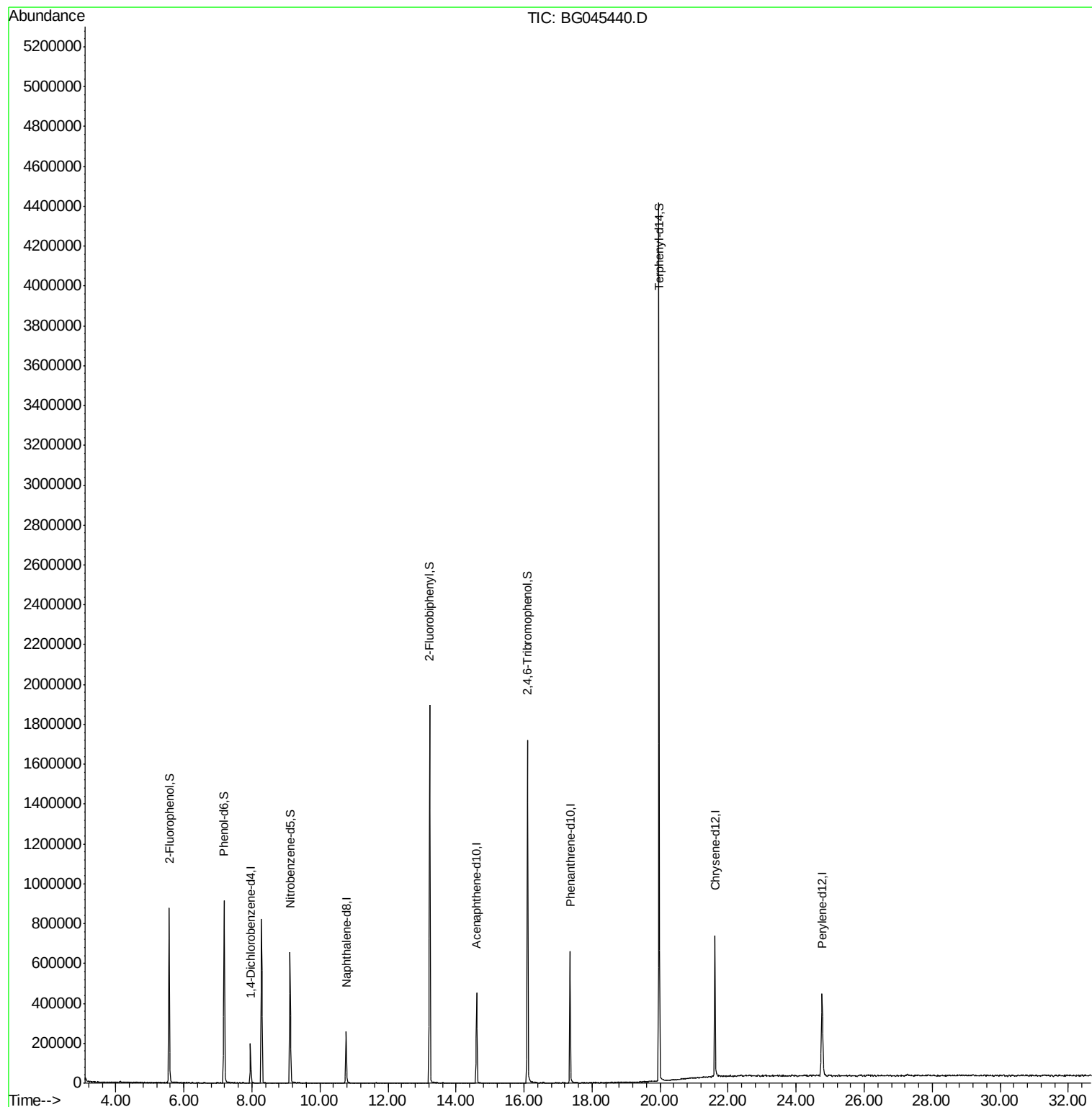
Target Compounds Qvalue

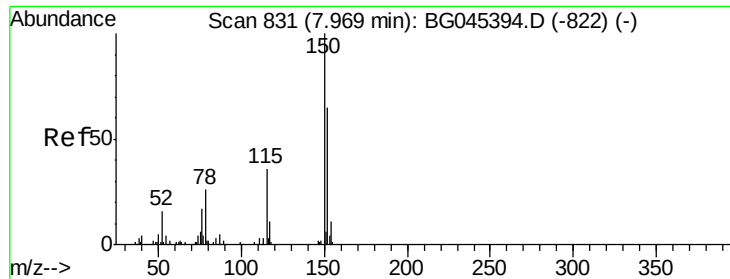
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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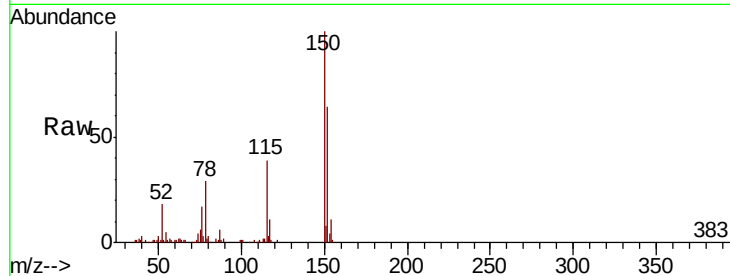


#1

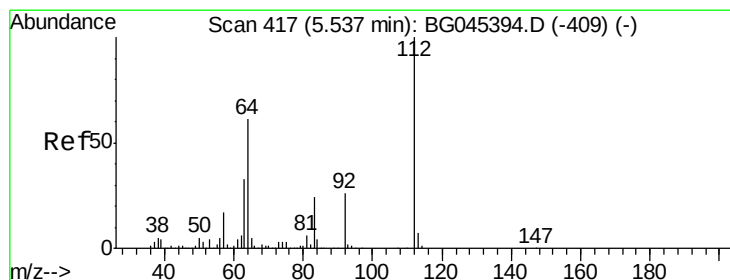
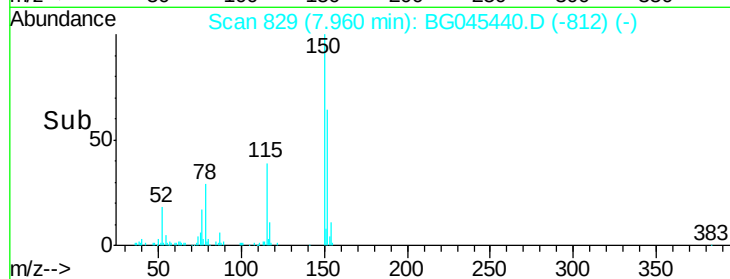
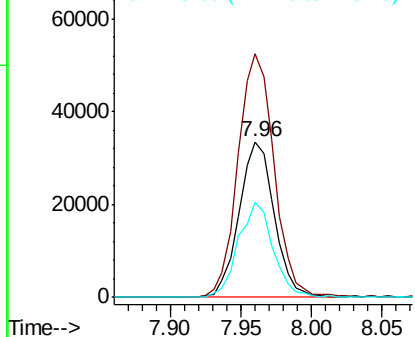
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

Instrument :
BNA_G
ClientSampleId :
PB129042BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.4	183.6
115	60.9	44.2	66.4



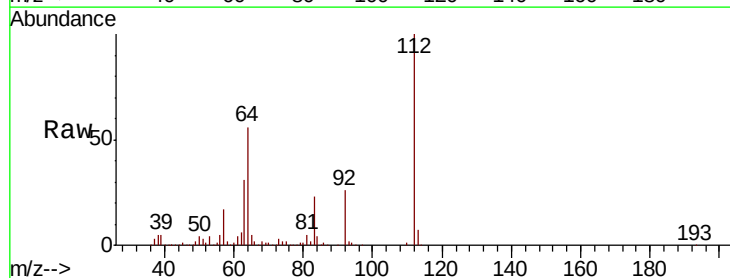
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



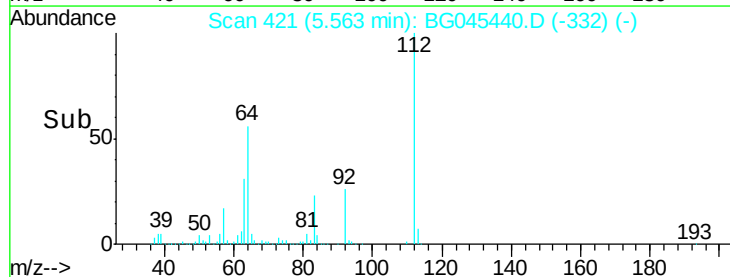
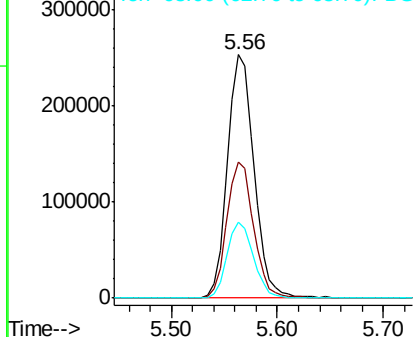
#5

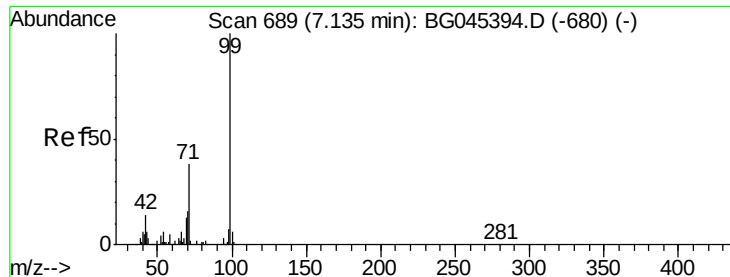
2-Fluorophenol
Concen: 146.783 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.01 min
Lab File: BG045440.D
Acq: 21 May 2020 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.6	72.8
63	31.2	26.5	39.7



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: 145.773 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

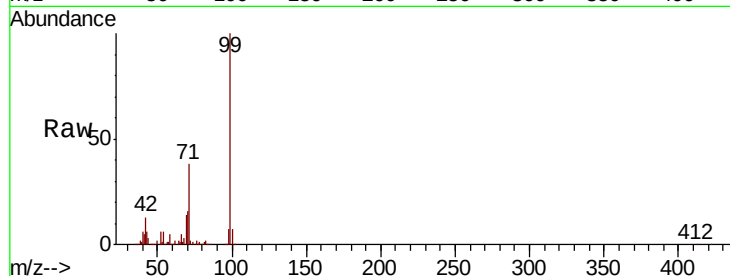
Tot Ion: 99 Resp: 618923

Ion Ratio Lower Upper

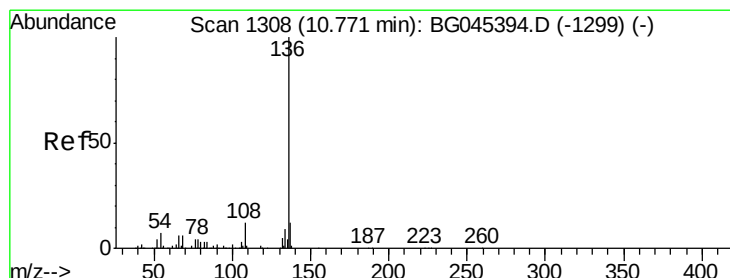
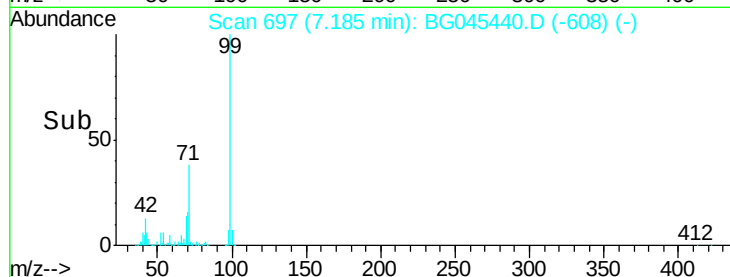
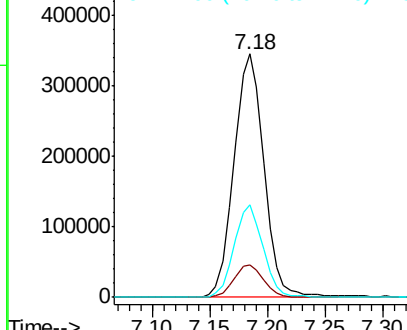
99 100

42 13.1 11.3 16.9

71 38.0 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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Tgt Ion: 136 Resp: 236344

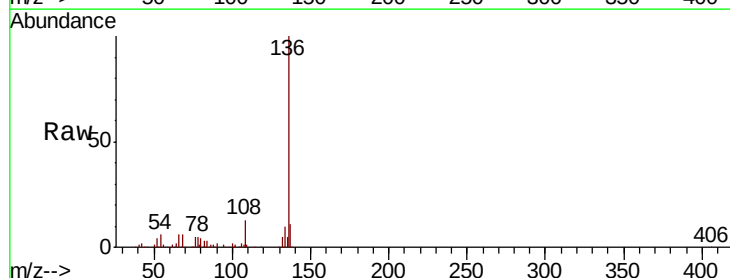
Ion Ratio Lower Upper

136 100

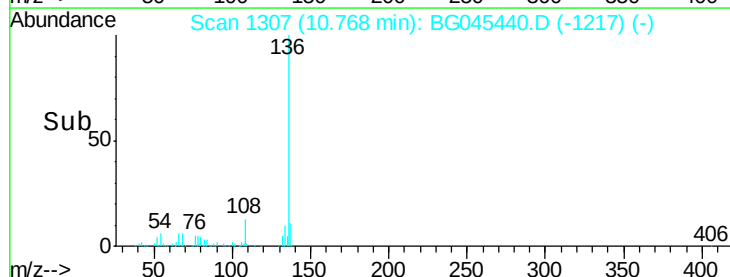
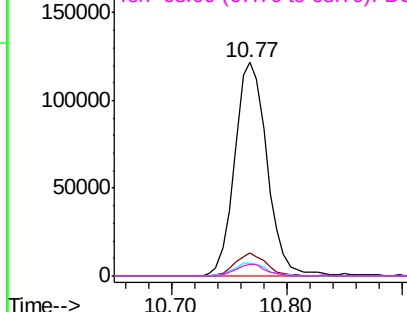
137 10.9 9.4 14.2

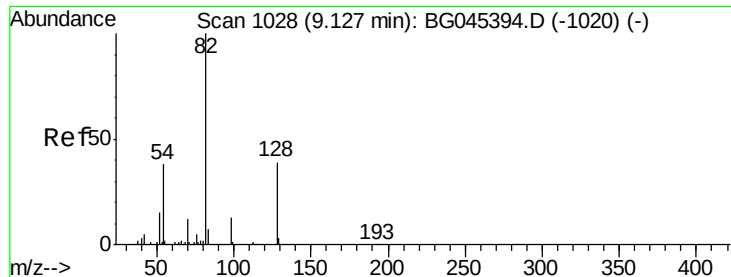
54 6.1 5.8 8.6

68 5.6 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

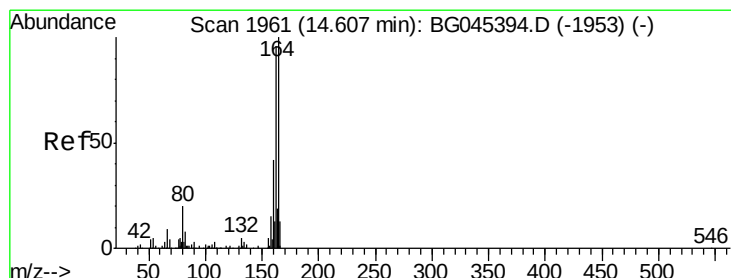
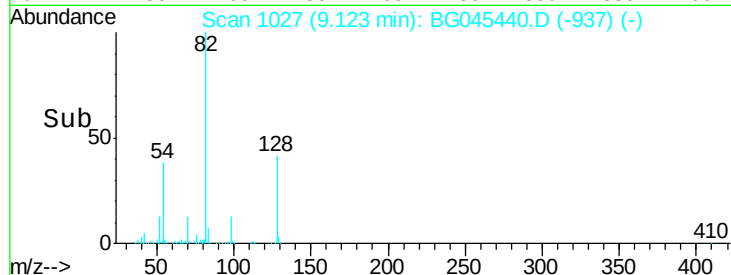
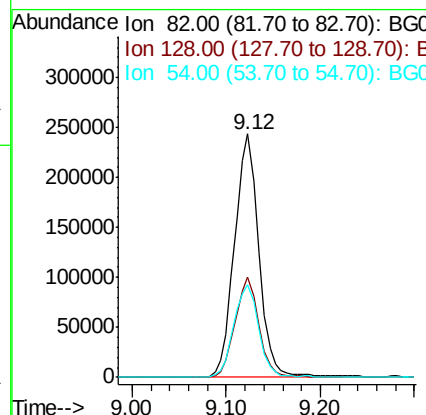
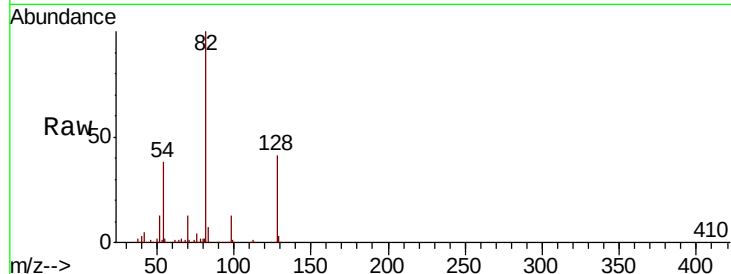




#23
 Nitrobenzene-d5
 Concen: 101.168 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

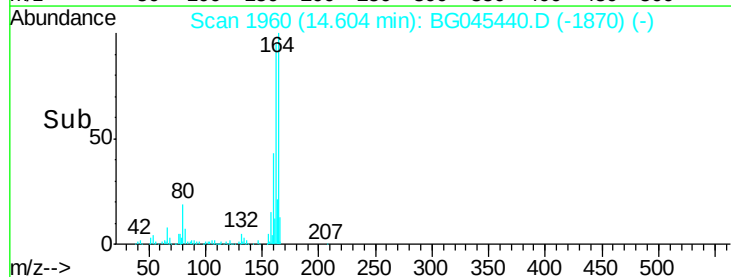
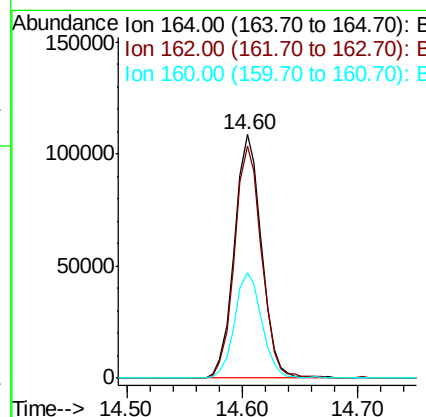
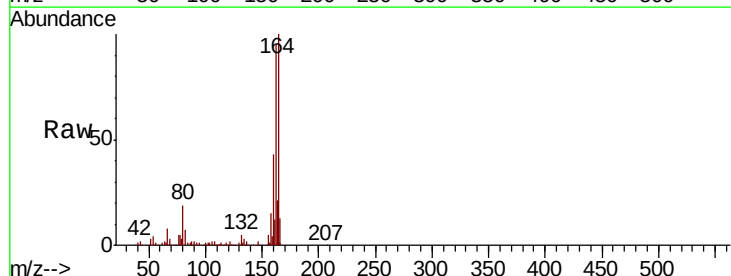
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

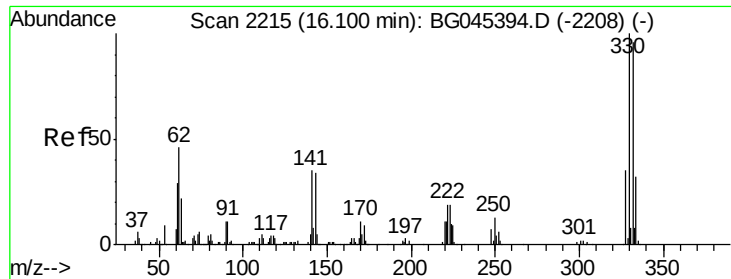
Tot Ion	82	Resp	438471
Ion Ratio	Lower	Upper	
82	100		
128	41.3	30.9	46.3
54	38.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Tgt Ion	164	Resp	176644
Ion Ratio	Lower	Upper	
164	100		
162	95.1	76.9	115.3
160	43.2	33.8	50.8

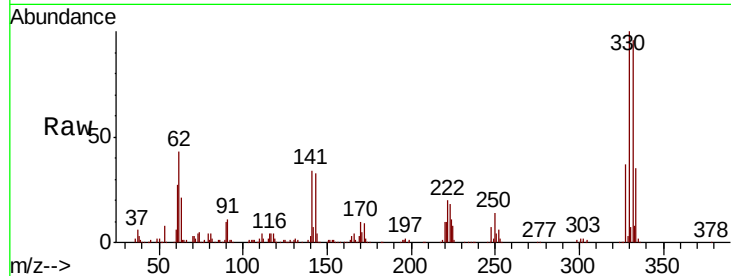




#42
 2,4,6-Tribromophenol
 Concen: 159.049 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	33.6	28.2	42.4

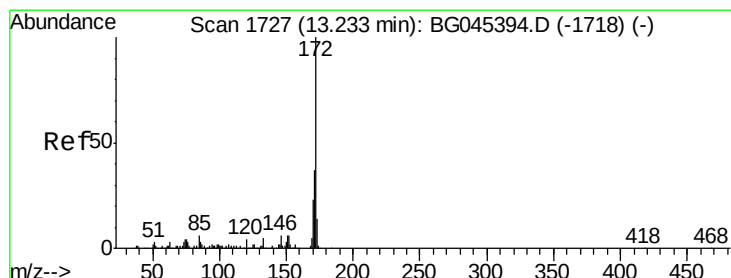
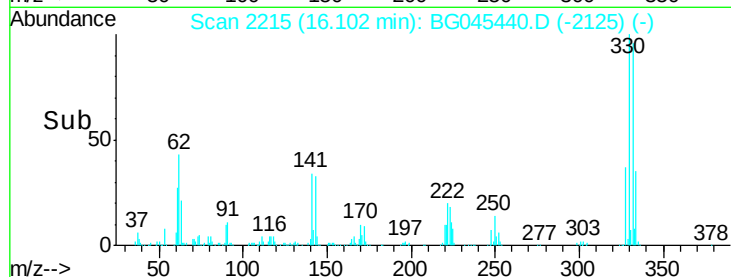
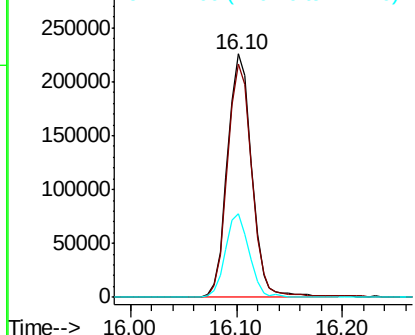


Abundance

Ion 329.80 (329.50 to 330.50): E

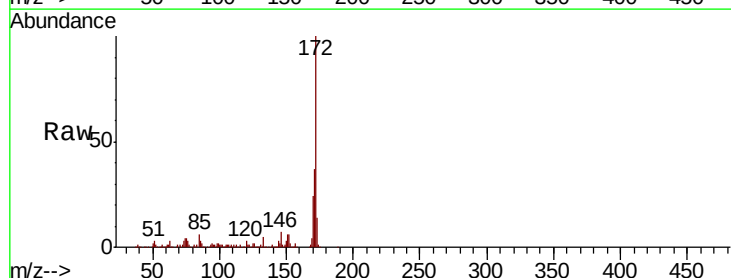
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.035 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045440.D
 Acq: 21 May 2020 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	23.7	18.5	27.7

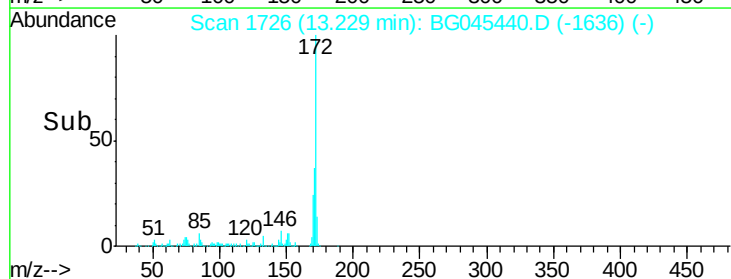
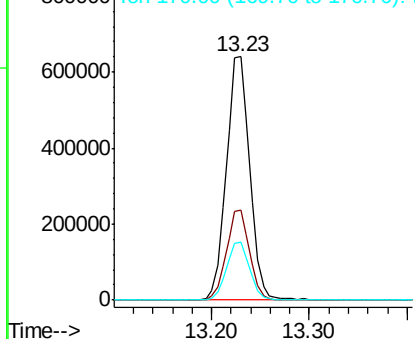


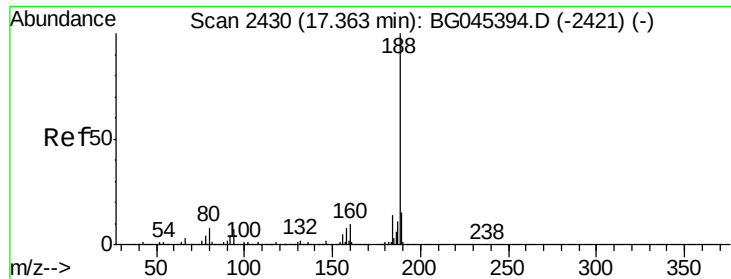
Abundance

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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

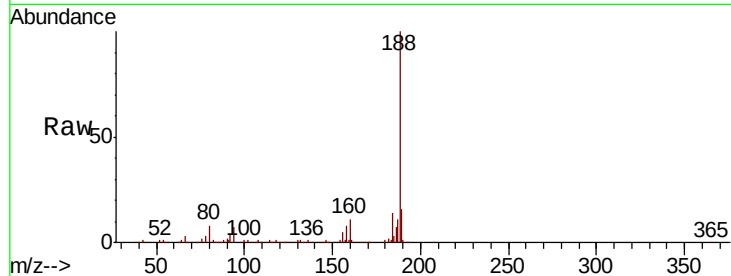
Tot Ion:188 Resp: 423475

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

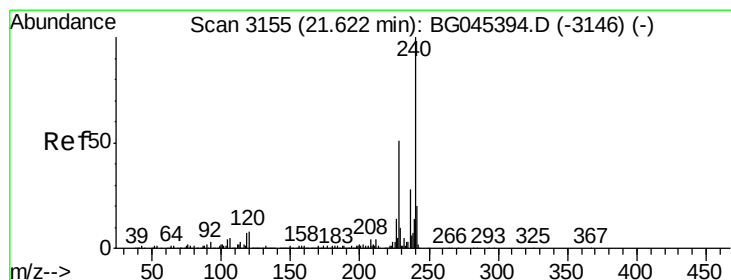
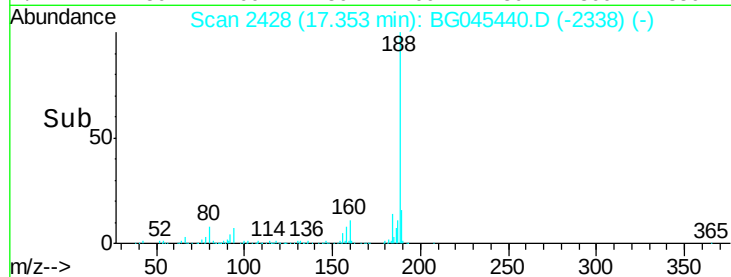
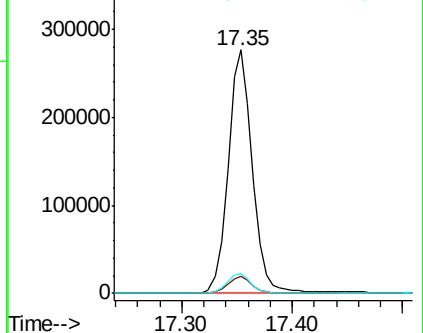
80 8.1 6.6 10.0



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: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

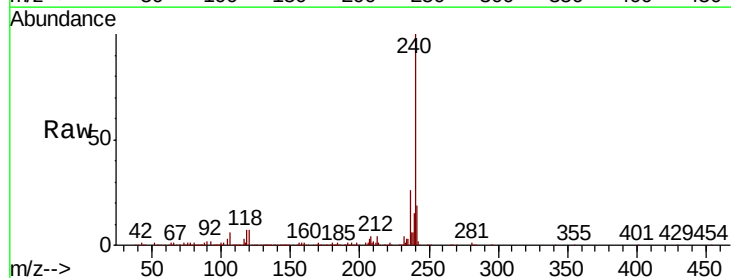
Tgt Ion:240 Resp: 457681

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

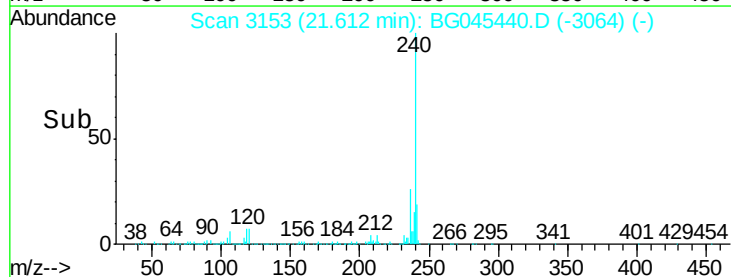
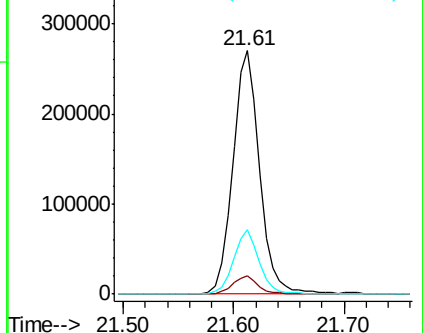
236 26.4 22.3 33.5

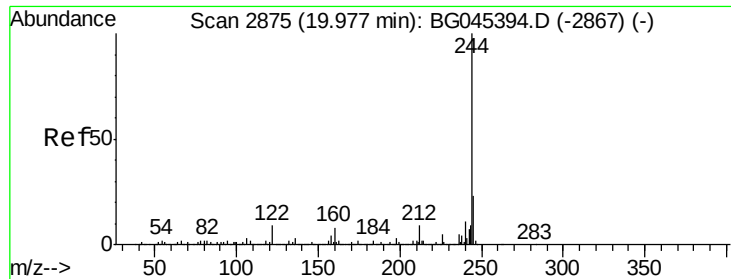


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.172 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

Instrument :

BNA_G

ClientSampleId :

PB129042BL

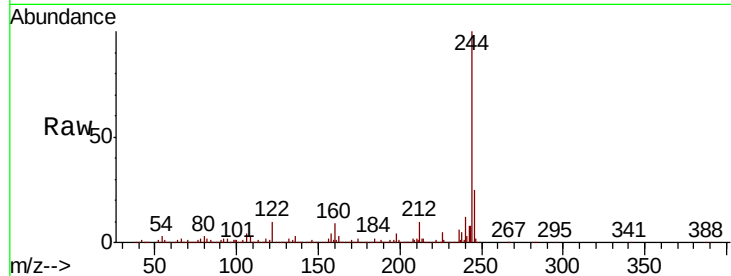
Tot Ion:244 Resp: 2083473

Ion Ratio Lower Upper

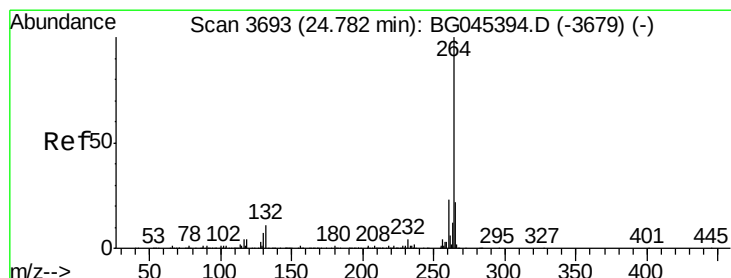
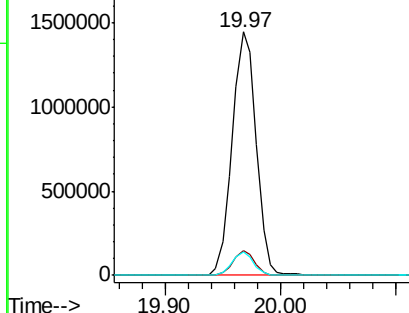
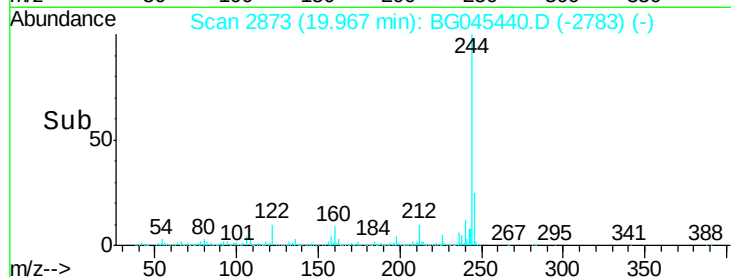
244 100

212 10.0 7.4 11.0

122 9.6 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# 3689

Delta R.T. -0.01 min

Lab File: BG045440.D

Acq: 21 May 2020 15:01

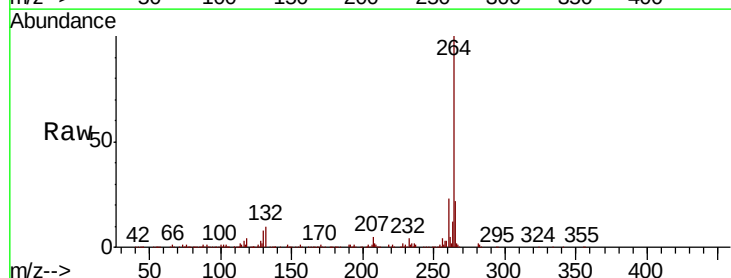
Tgt Ion:264 Resp: 479599

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.4 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

