

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045334.D
 Acq On : 12 May 2020 18:26
 Operator : CG/JU
 Sample : PB128803BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128803BL

Quant Time: May 12 19:15:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	67650	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	270961	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	192423	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	448284	20.00	ng	0.00
76) Chrysene-d12	21.62	240	468251	20.00	ng	0.00
87) Perylene-d12	24.78	264	490585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	564421	137.74	ng	0.00
7) Phenol-d6	7.14	99	805502	132.31	ng	0.00
23) Nitrobenzene-d5	9.14	82	568796	95.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	423653	142.52	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1271037	96.86	ng	0.00
79) Terphenyl-d14	19.99	244	2363952	110.03	ng	0.00

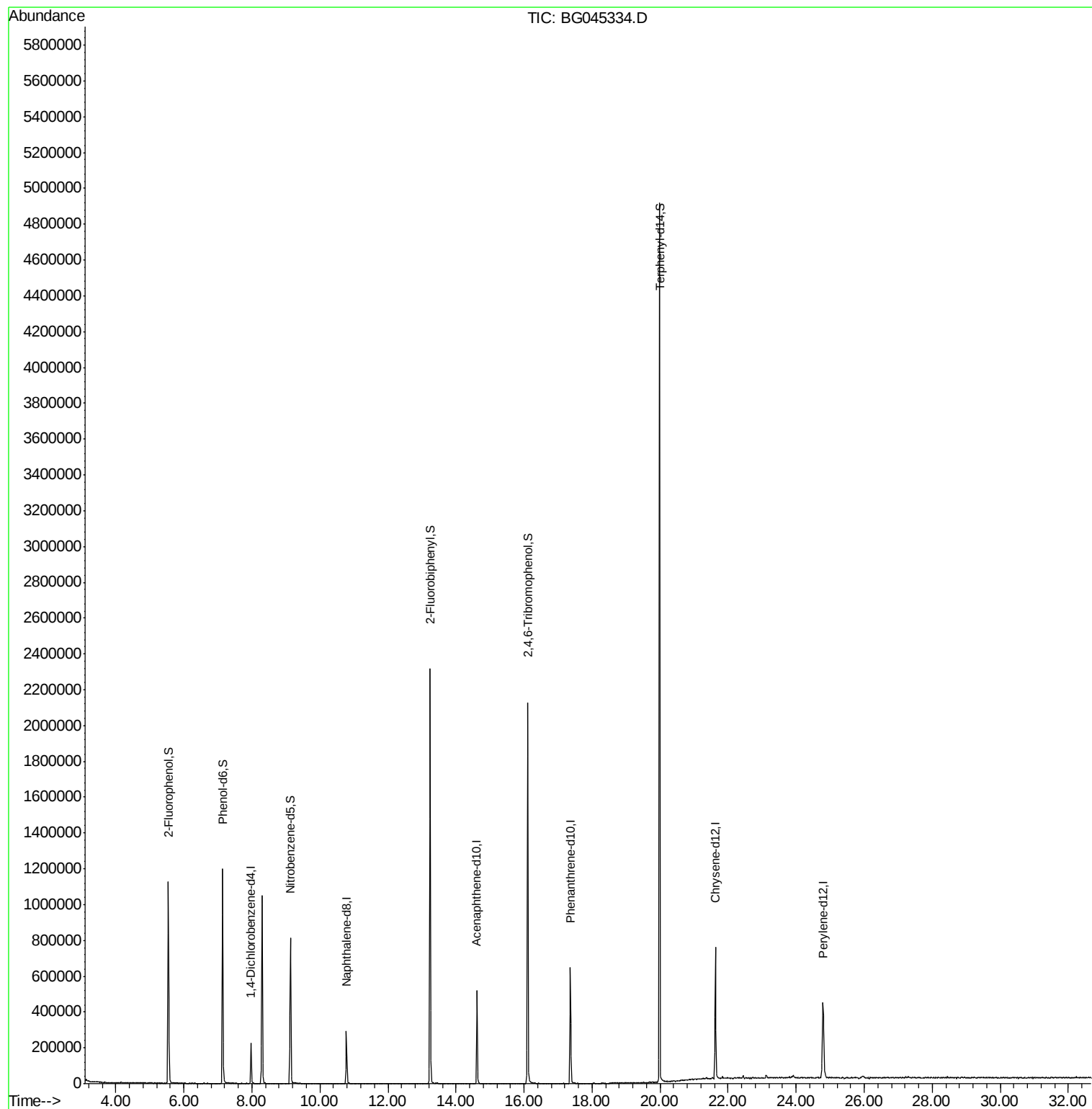
Target Compounds Qvalue

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

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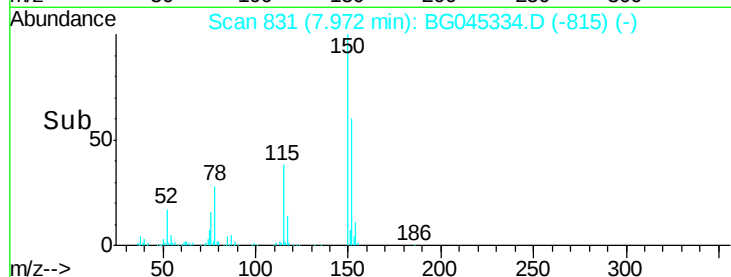
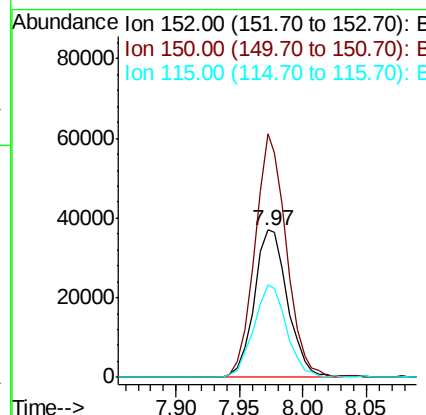
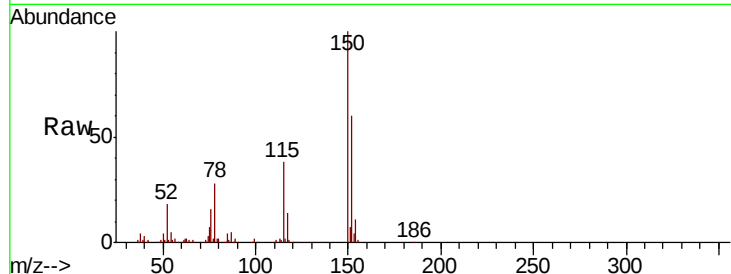


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045334.D
Acq: 12 May 2020 18:26

Instrument :
BNA_G
ClientSampleId :
PB128803BL

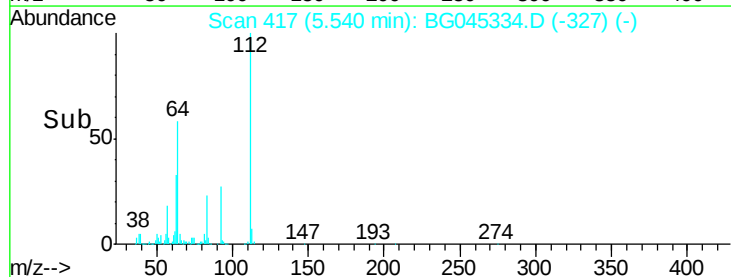
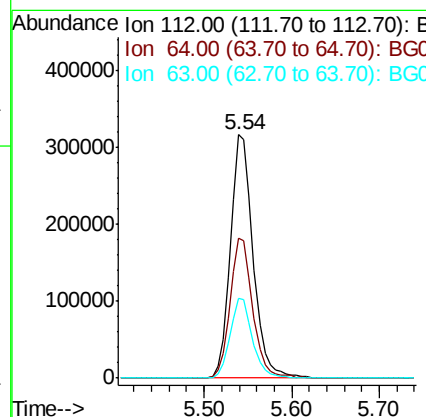
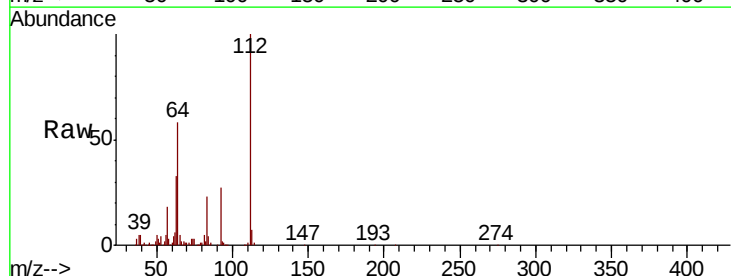
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	123.6	185.4
115	62.8	49.1	73.7

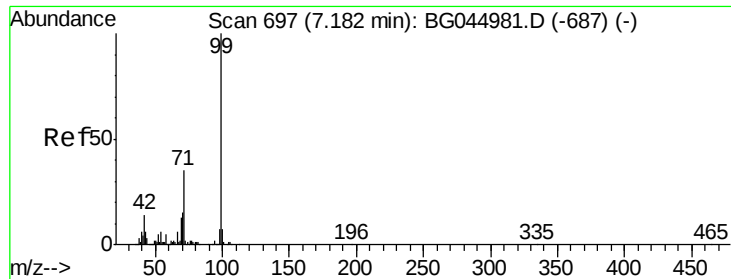


#5

2-Fluorophenol
Concen: 137.743 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045334.D
Acq: 12 May 2020 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.4	63.6
63	32.7	23.1	34.7





#7

Phenol-d6

Concen: 132.308 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

Instrument :

BNA_G

ClientSampleId :

PB128803BL

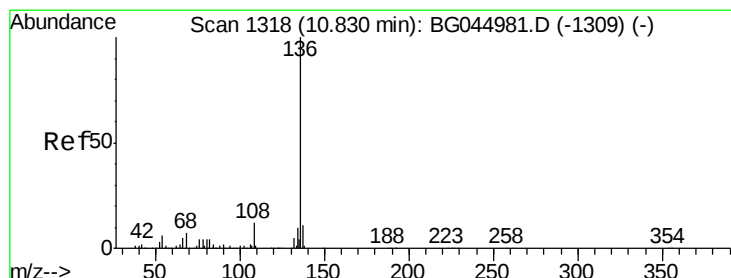
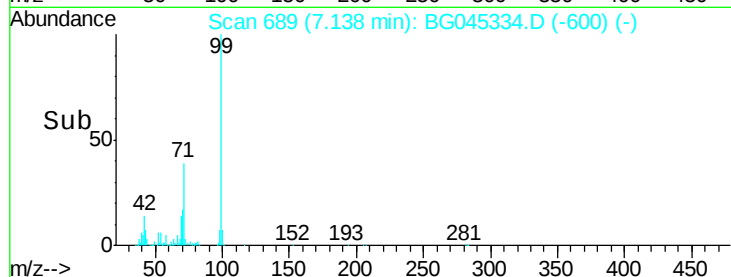
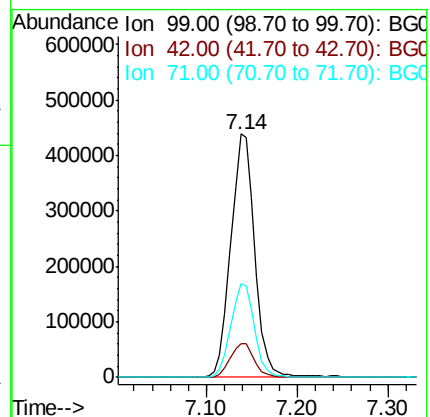
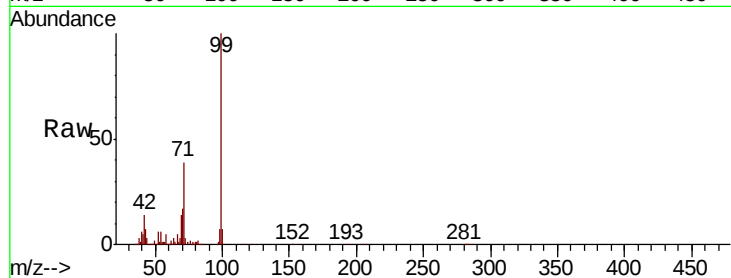
Tot Ion: 99 Resp: 805502

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

71 38.7 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

Tgt Ion: 136 Resp: 270961

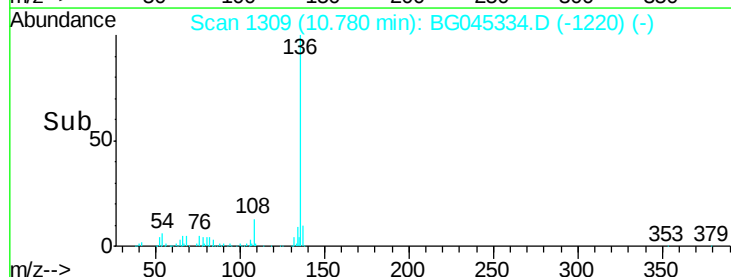
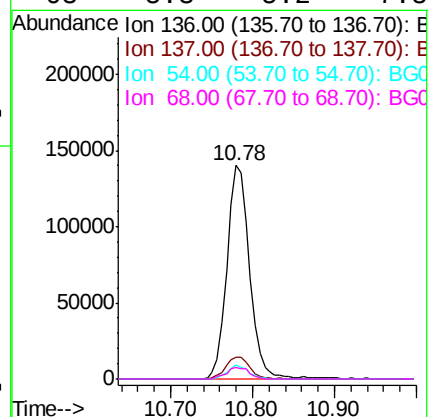
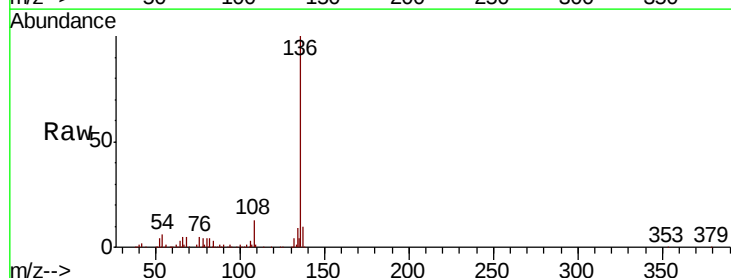
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 6.3 4.8 7.2

68 5.3 5.2 7.8

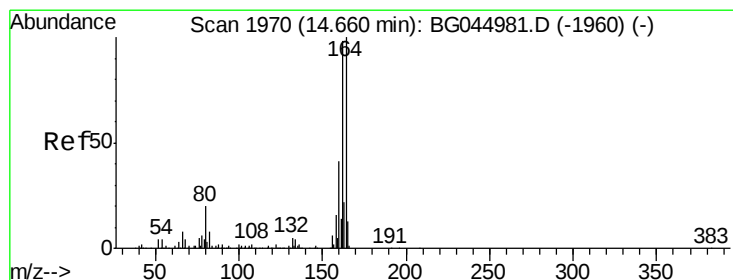
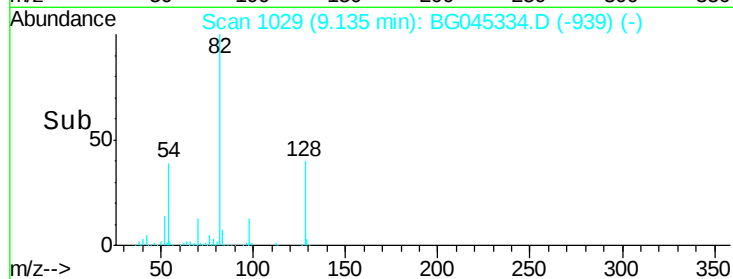
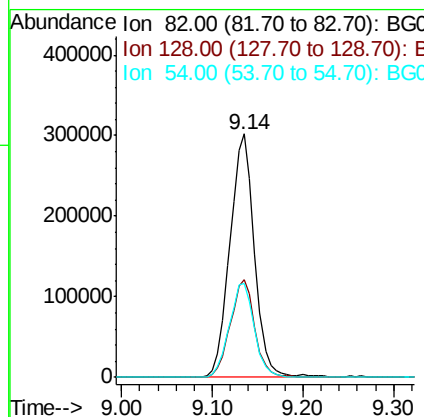
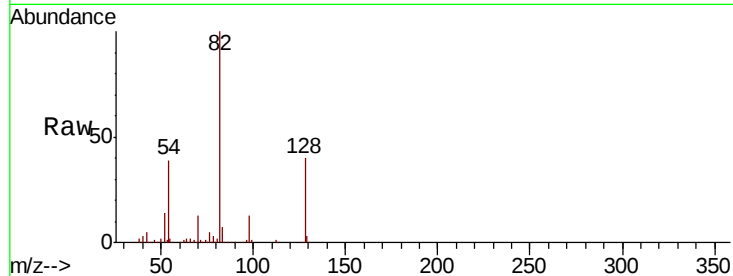




#23
 Nitrobenzene-d5
 Concen: 95.783 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045334.D
 Acq: 12 May 2020 18:26

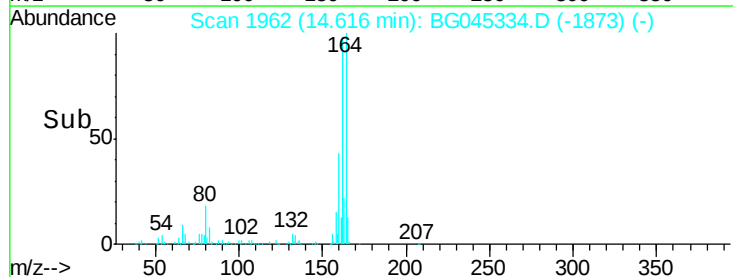
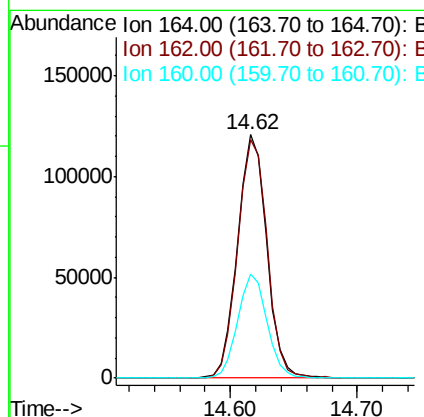
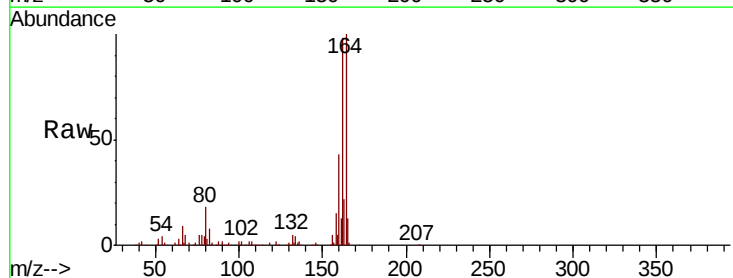
Instrument :
 BNA_G
 ClientSampleId :
 PB128803BL

Tot Ion	82	Resp	568796
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.0	49.4
54	38.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045334.D
 Acq: 12 May 2020 18:26

Tgt Ion	164	Resp	192423
Ion Ratio	Lower	Upper	
164	100		
162	98.1	78.7	118.1
160	42.6	32.8	49.2

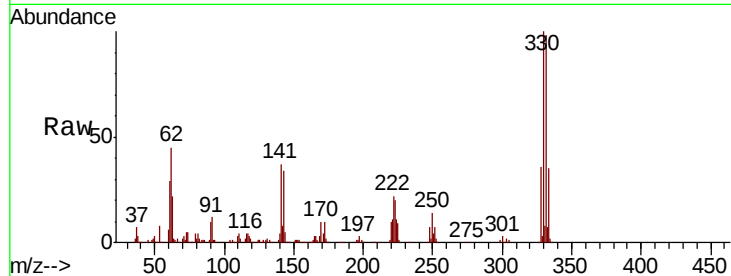




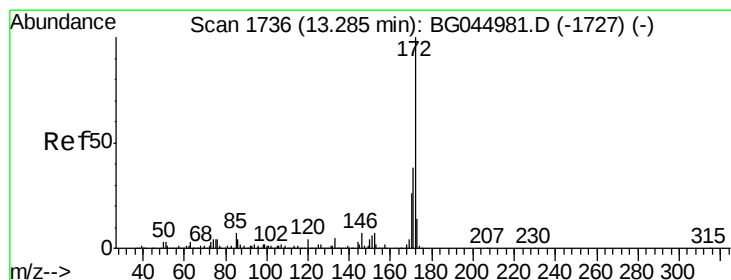
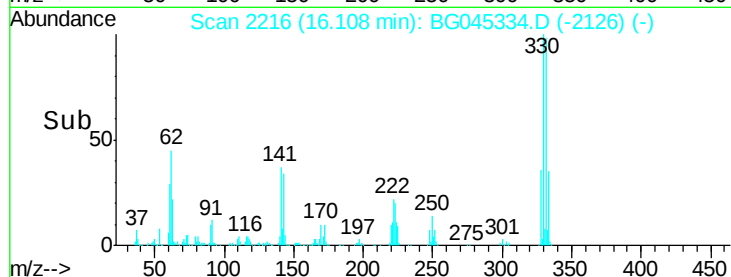
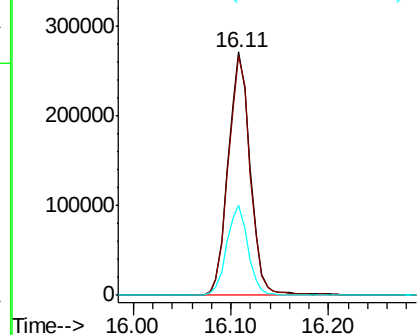
#42
 2,4,6-Tribromophenol
 Concen: 142.515 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045334.D
 Acq: 12 May 2020 18:26

Instrument :
 BNA_G
 ClientSampleId :
 PB128803BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	36.1	27.1	40.7

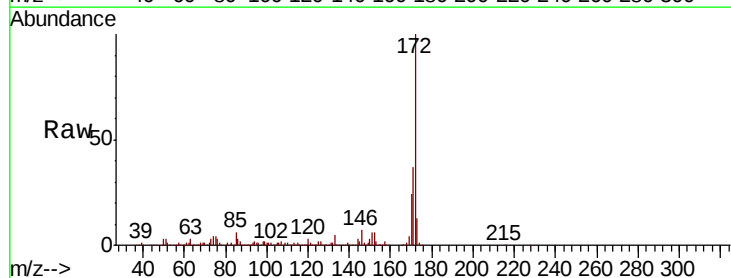


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

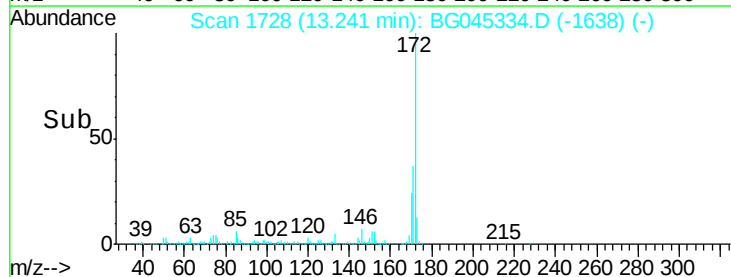
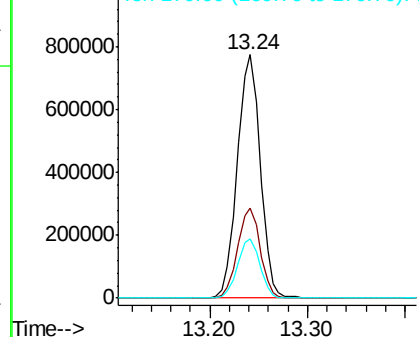


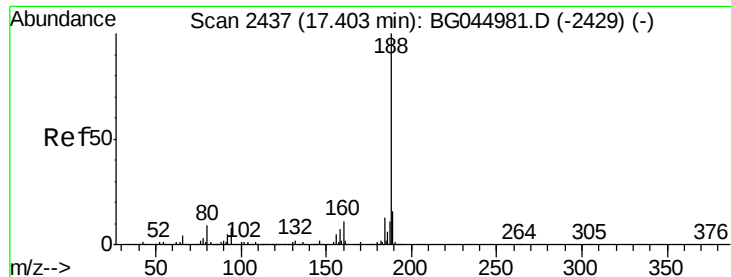
#45
 2-Fluorobiphenyl
 Concen: 96.857 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045334.D
 Acq: 12 May 2020 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.1	20.5	30.7



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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

Instrument :

BNA_G

ClientSampleId :

PB128803BL

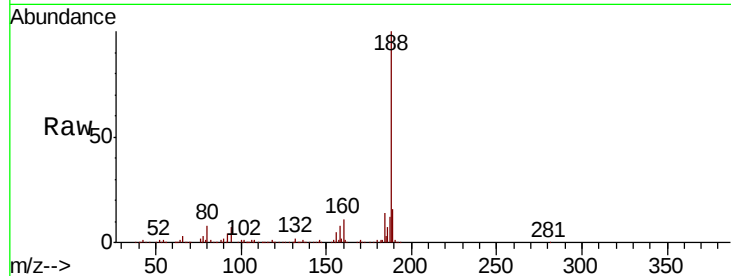
Tot Ion:188 Resp: 448284

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

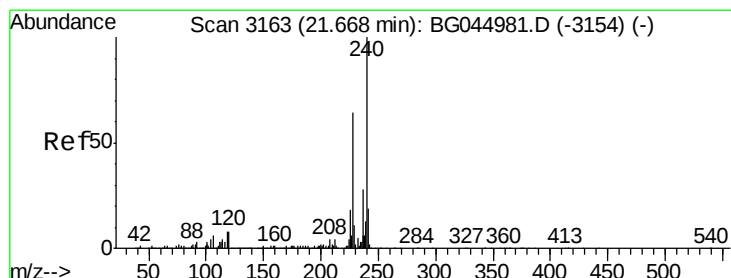
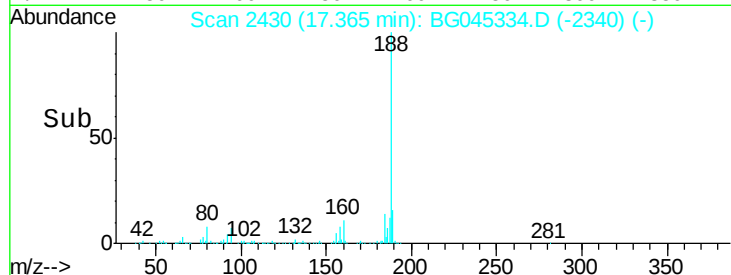
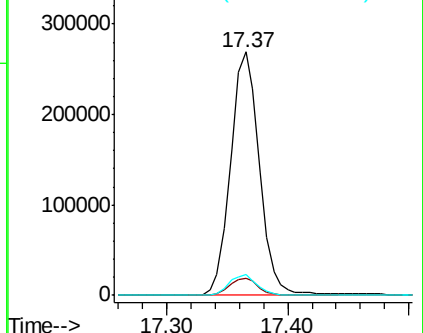
80 8.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

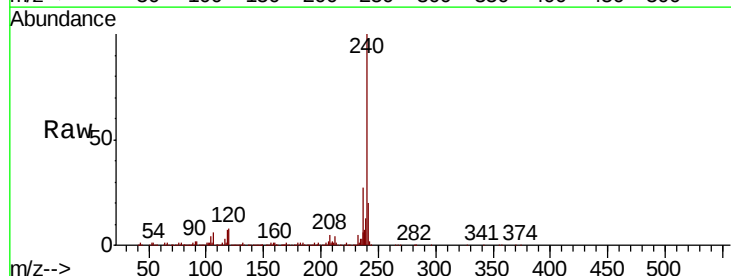
Tgt Ion:240 Resp: 468251

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

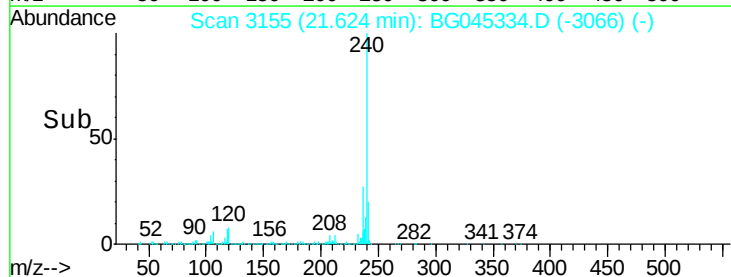
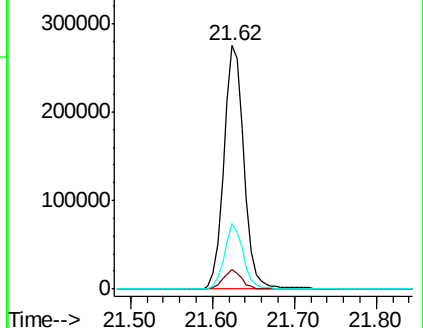
236 26.8 22.2 33.2

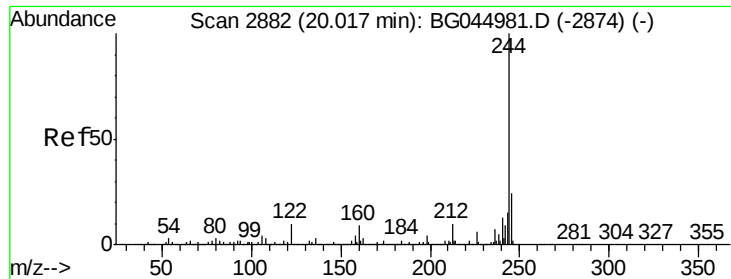


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.035 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

Instrument :

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ClientSampleId :

PB128803BL

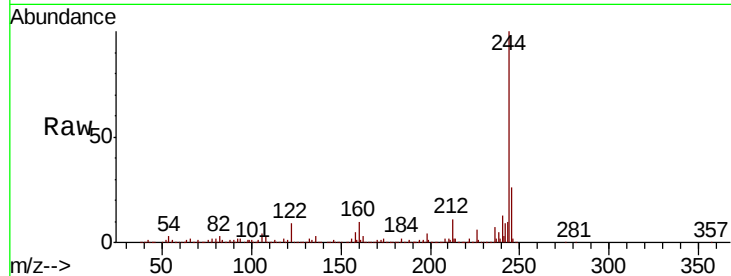
Tot Ion:244 Resp: 2363952

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

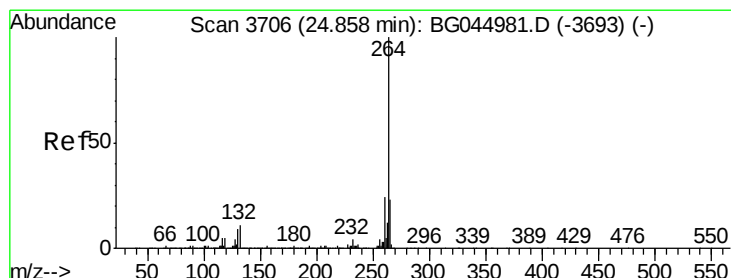
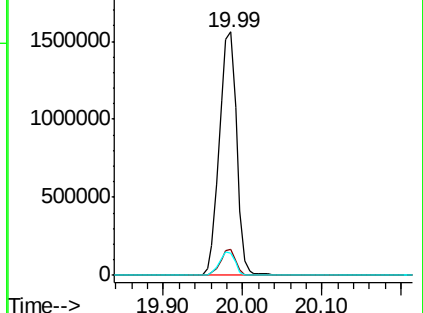
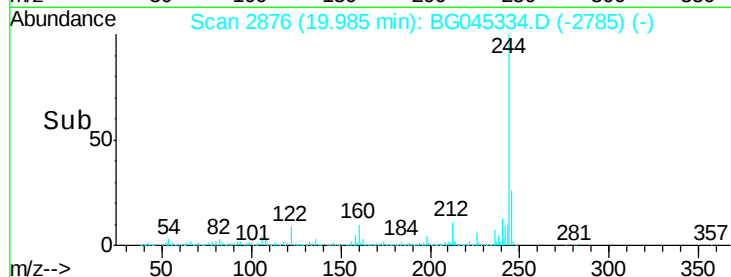
122 9.3 7.7 11.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045334.D

Acq: 12 May 2020 18:26

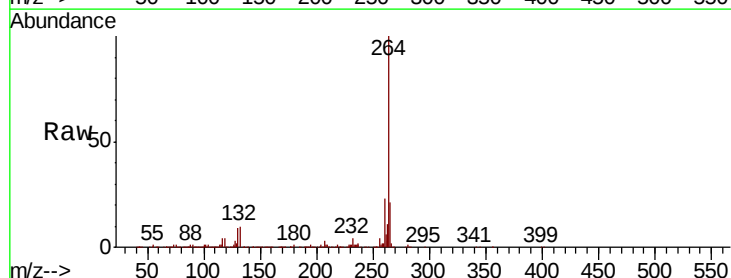
Tgt Ion:264 Resp: 490585

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.9 19.0 28.4



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

