

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045374.D
 Acq On : 14 May 2020 12:32
 Operator : CG/JU
 Sample : PB128856BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128856BL

Quant Time: May 14 13:09:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70701	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	289838	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	214002	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	509600	20.00	ng	0.00
76) Chrysene-d12	21.63	240	492842	20.00	ng	0.00
87) Perylene-d12	24.79	264	511647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	394939	92.22	ng	0.00
7) Phenol-d6	7.14	99	560890	88.15	ng	0.00
23) Nitrobenzene-d5	9.13	82	391892	61.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	291629	88.21	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	926193	63.46	ng	0.00
79) Terphenyl-d14	19.98	244	1663749	73.58	ng	0.00

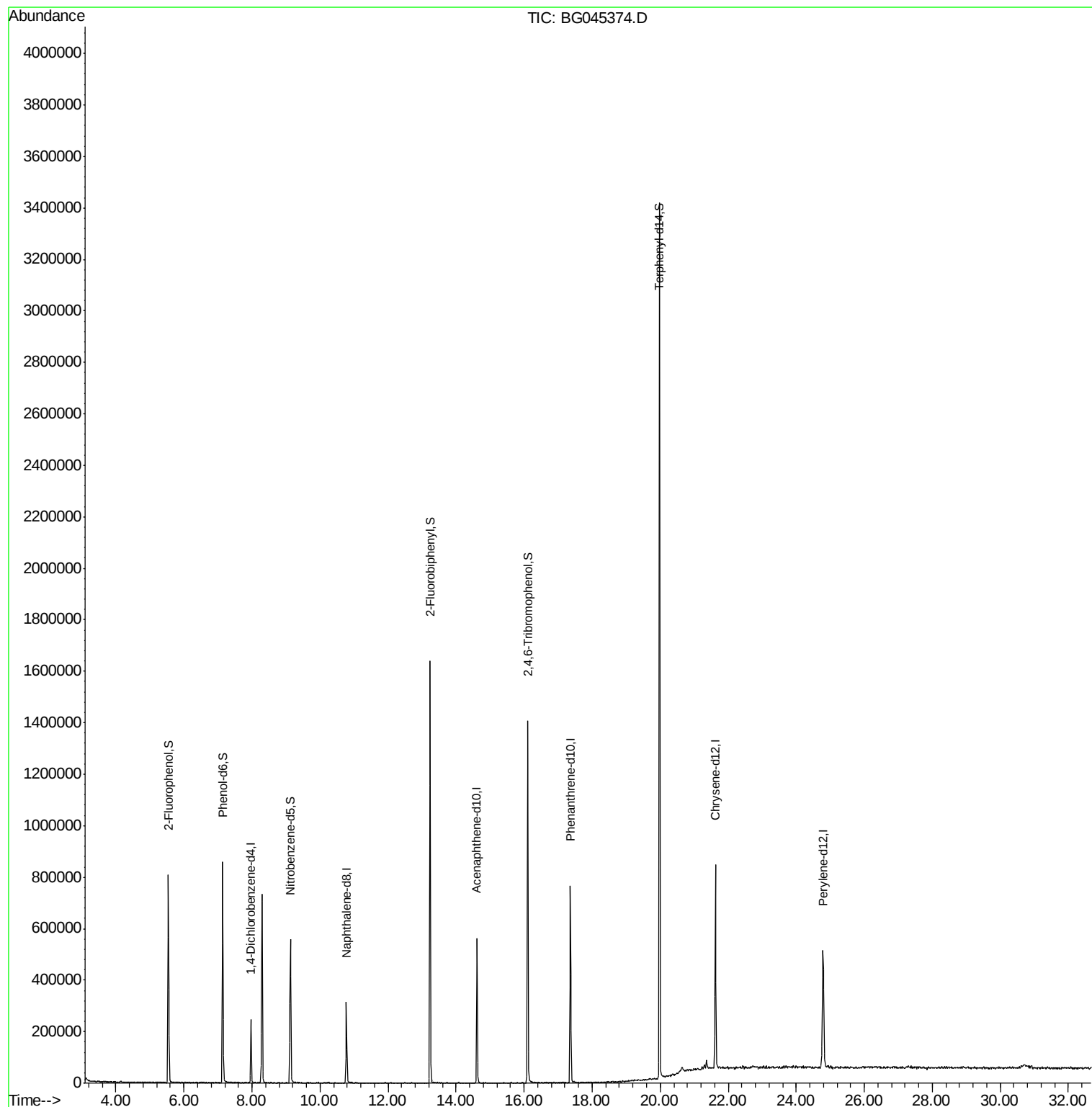
Target Compounds Qvalue

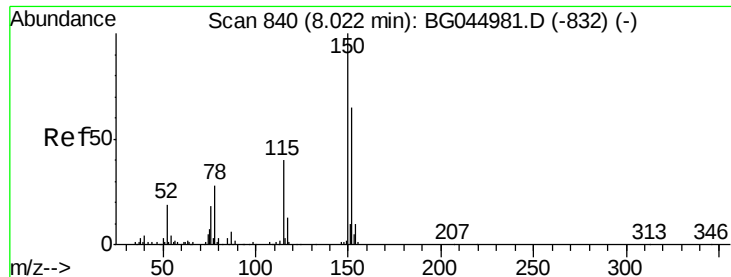
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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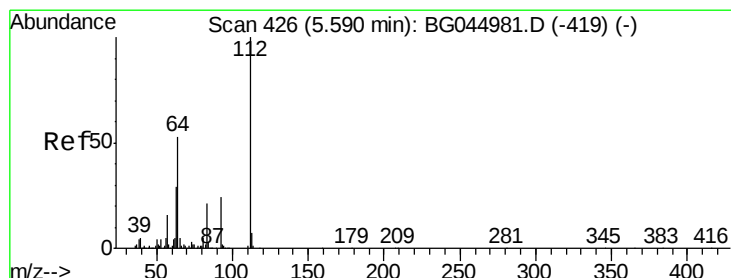
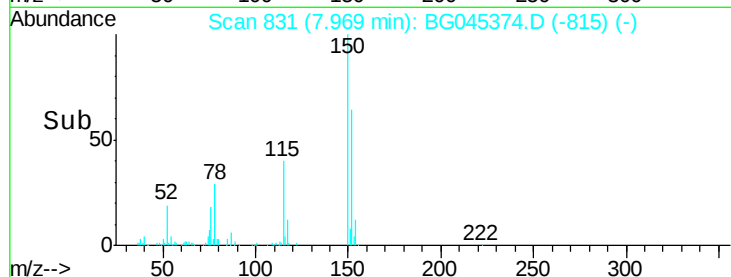
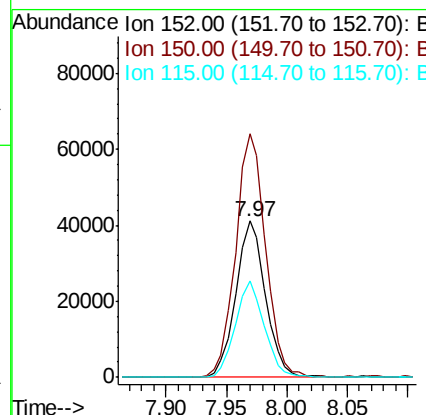
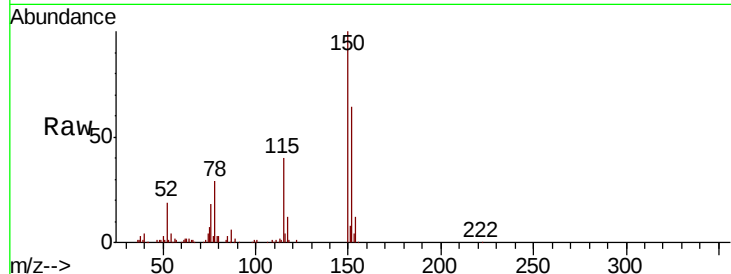


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045374.D
Acq: 14 May 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB128856BL

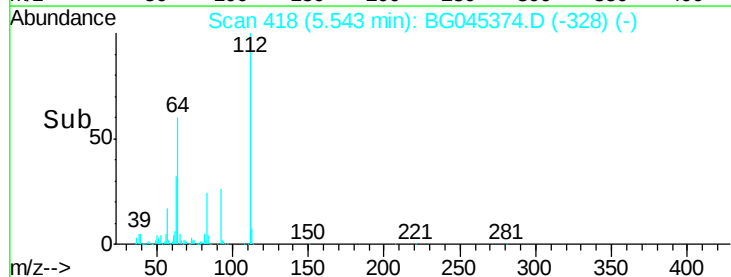
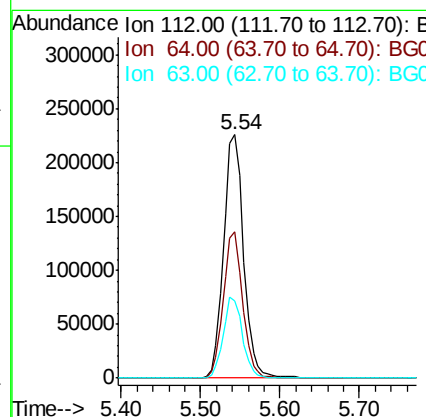
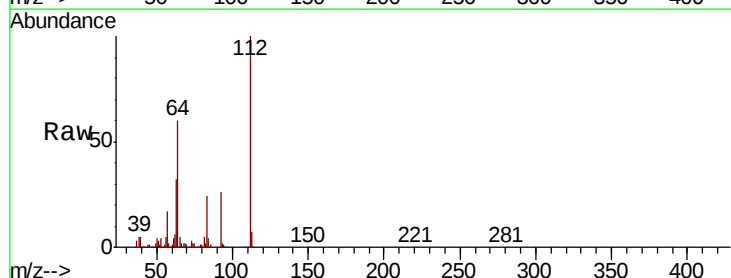
Tot Ion:152 Resp: 70701
Ion Ratio Lower Upper
152 100
150 155.6 123.6 185.4
115 61.8 49.1 73.7

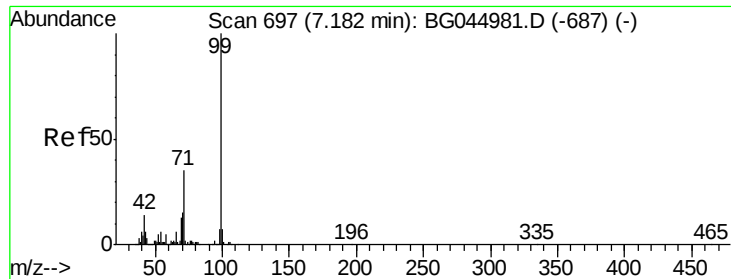


#5

2-Fluorophenol
Concen: 92.223 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045374.D
Acq: 14 May 2020 12:32

Tgt Ion:112 Resp: 394939
Ion Ratio Lower Upper
112 100
64 60.1 42.4 63.6
63 31.9 23.1 34.7





#7

Phenol-d6

Concen: 88.153 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

Instrument :

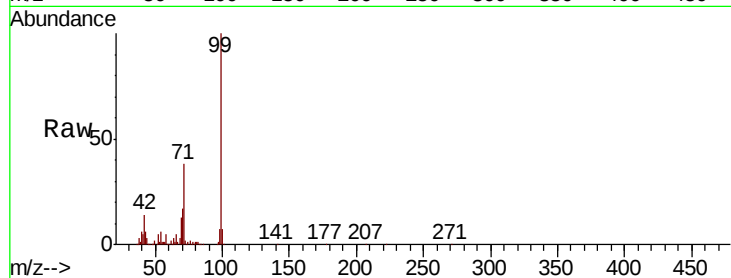
BNA_G

ClientSampleId :

PB128856BL

Tot Ion: 99 Resp: 560890

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.9	28.3	42.5

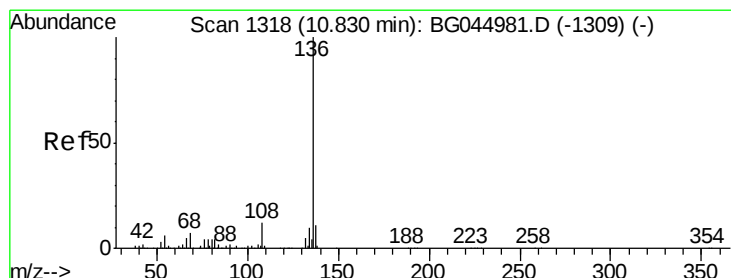
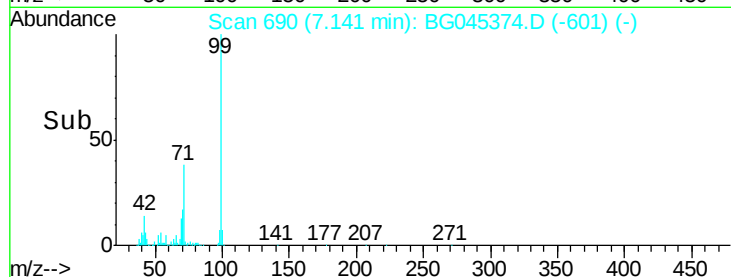
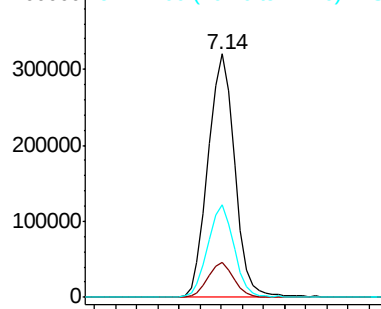


Abundance

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: 10.78 min Scan# 1309

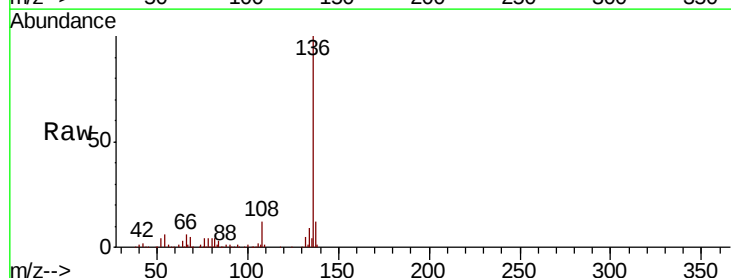
Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

Tgt Ion: 136 Resp: 289838

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	6.0	4.8	7.2
68	5.5	5.2	7.8



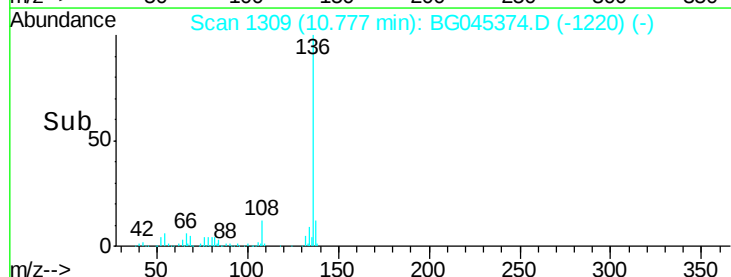
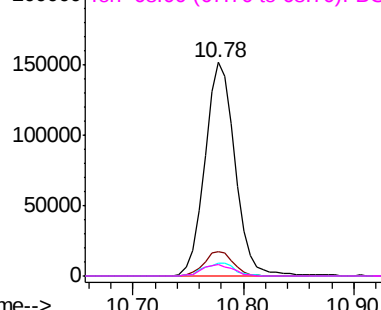
Abundance

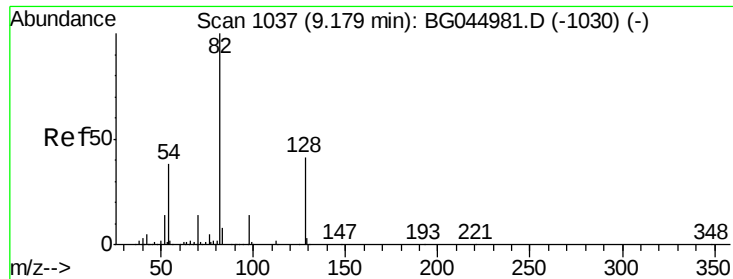
Ion 136.00 (135.70 to 136.70): BGC

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

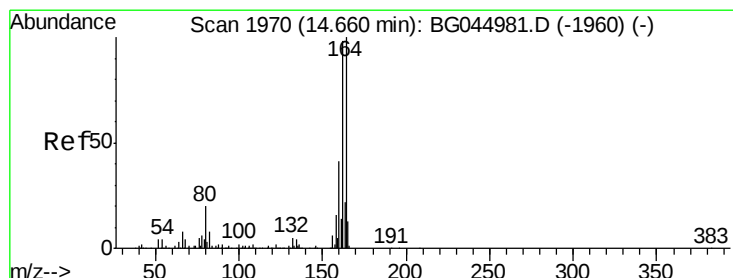
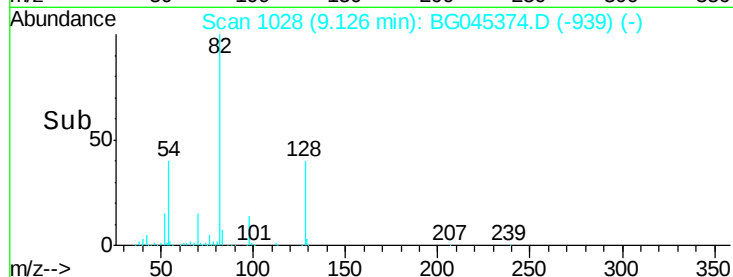
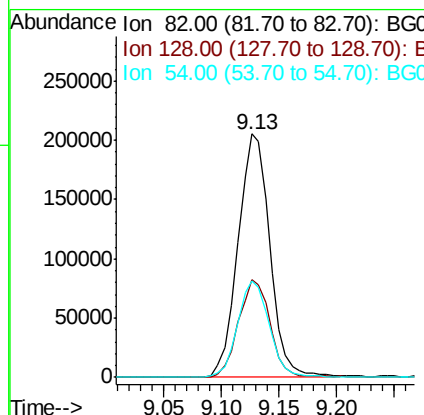
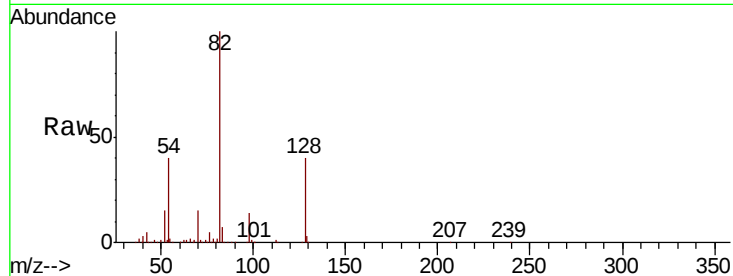




#23
 Nitrobenzene-d5
 Concen: 61.695 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045374.D
 Acq: 14 May 2020 12:32

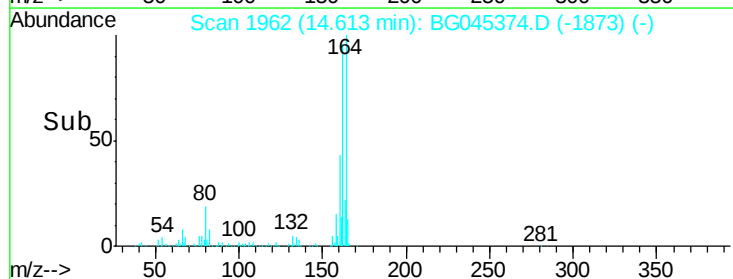
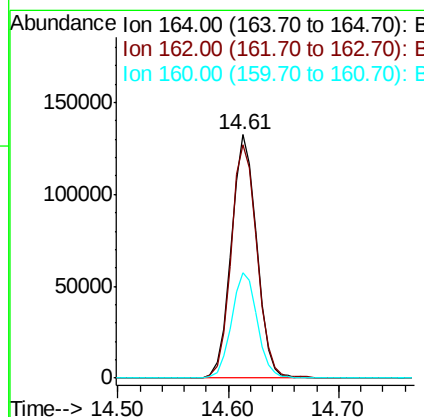
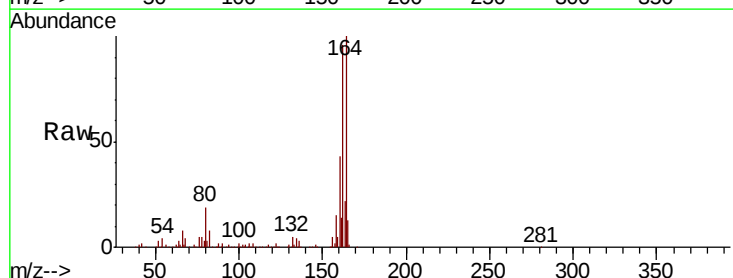
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BL

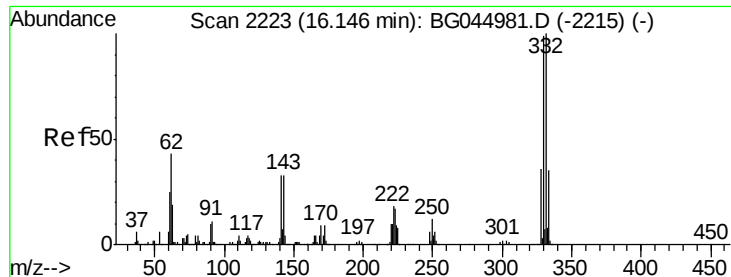
Tot Ion	82	Resp	391892
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.0	49.4
54	39.7	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045374.D
 Acq: 14 May 2020 12:32

Tgt Ion	164	Resp	214002
Ion Ratio	Lower	Upper	
164	100		
162	95.8	78.7	118.1
160	43.5	32.8	49.2

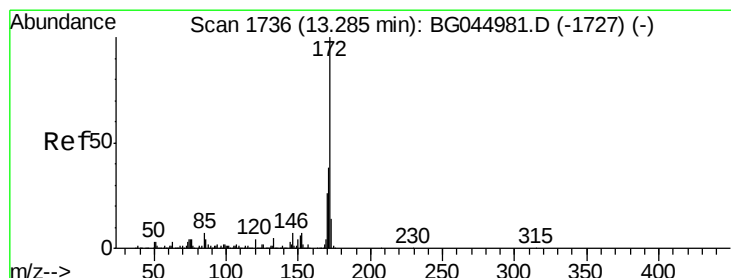
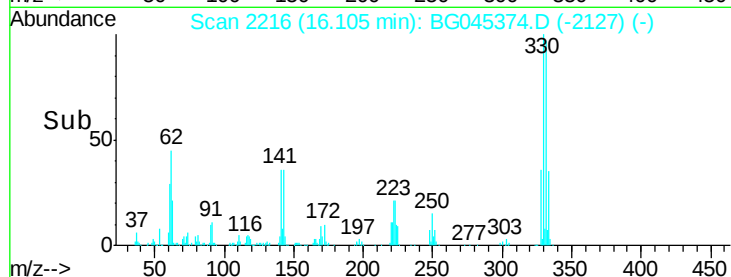
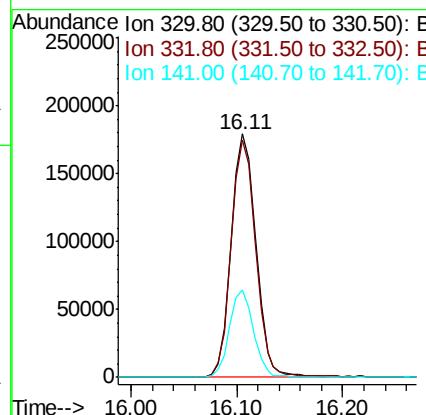
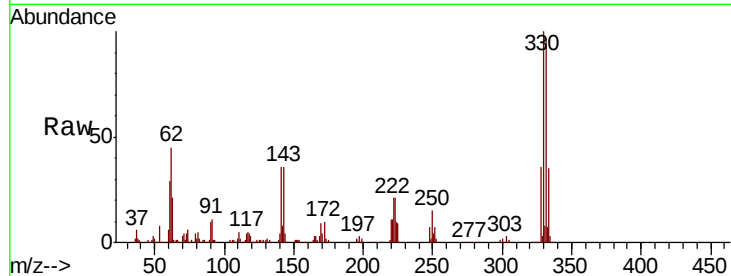




#42
 2,4,6-Tribromophenol
 Concen: 88.211 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045374.D
 Acq: 14 May 2020 12:32

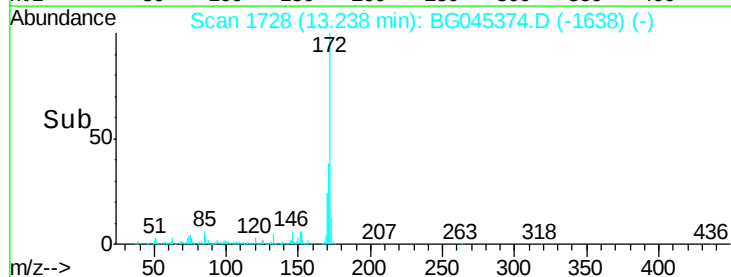
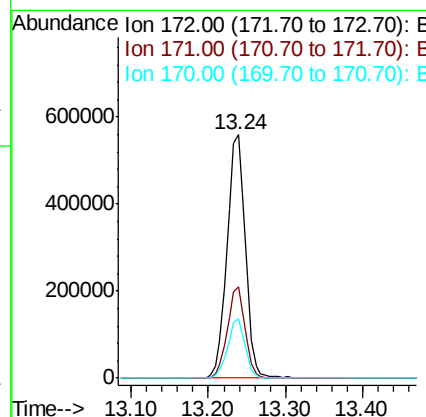
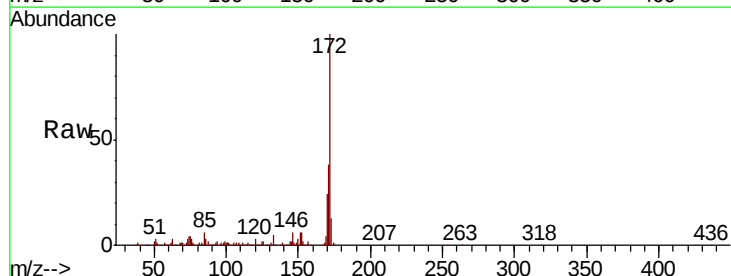
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BL

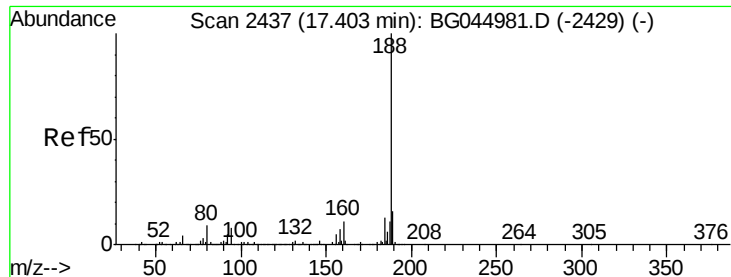
Tot Ion:330	Resp:	291629
Ion Ratio	Lower	Upper
330	100	
332	97.0	79.1 118.7
141	35.3	27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 63.462 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045374.D
 Acq: 14 May 2020 12:32

Tgt Ion:172	Resp:	926193
Ion Ratio	Lower	Upper
172	100	
171	37.6	30.6 46.0
170	24.2	20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

Instrument :

BNA_G

ClientSampleId :

PB128856BL

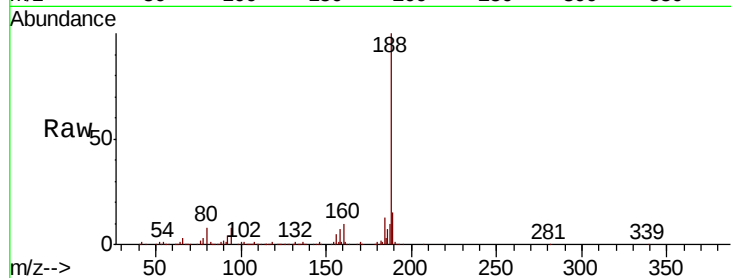
Tot Ion:188 Resp: 509600

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.4

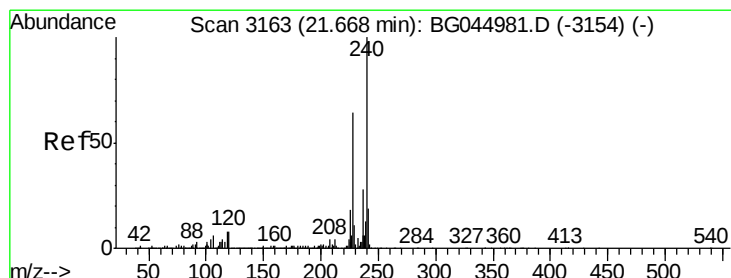
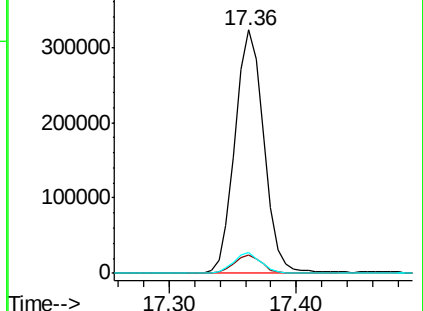
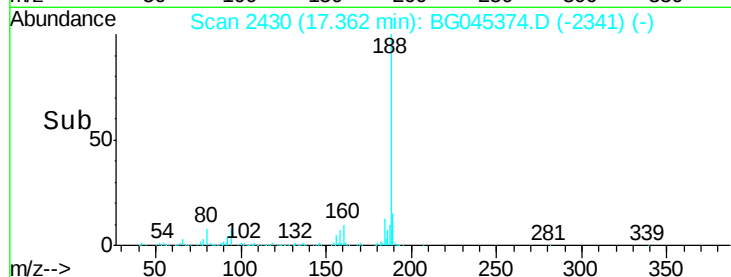
80 8.5 7.0 10.6



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

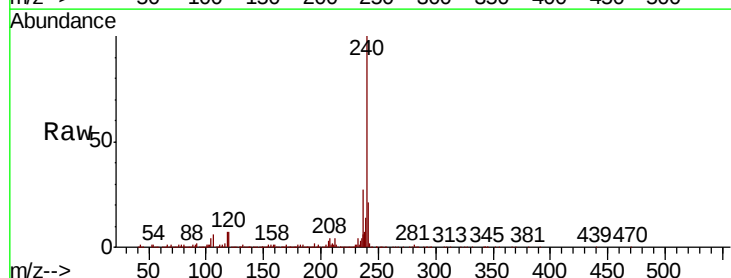
Tgt Ion:240 Resp: 492842

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

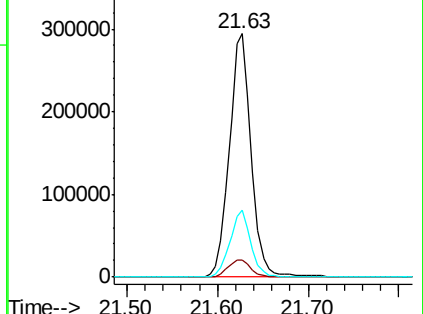
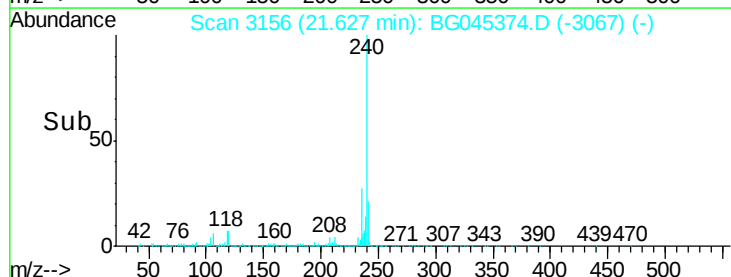
236 27.3 22.2 33.2

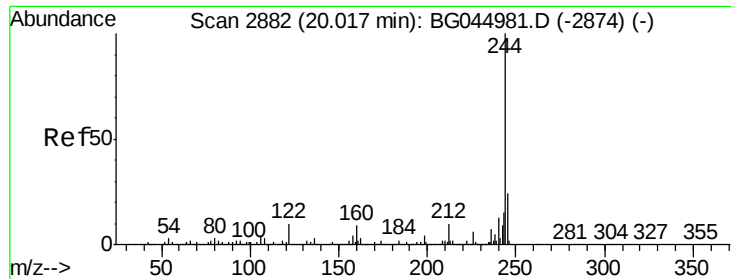


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.578 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

Instrument :

BNA_G

ClientSampleId :

PB128856BL

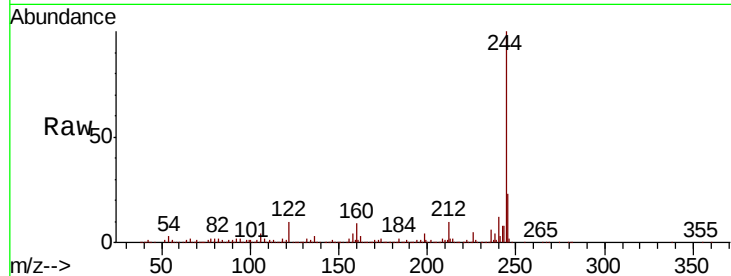
Tot Ion:244 Resp: 1663749

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

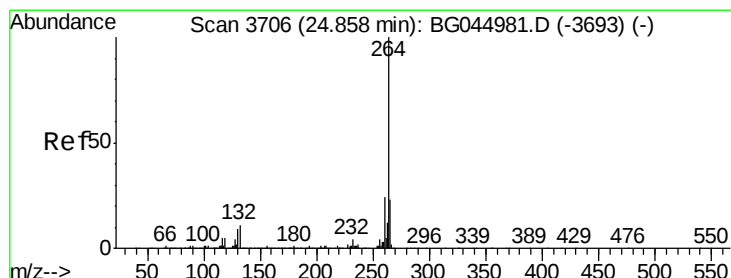
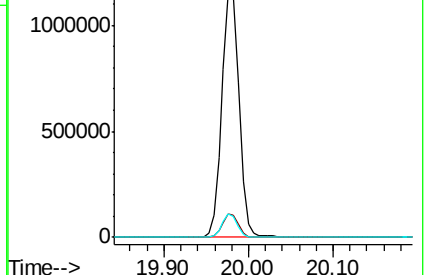
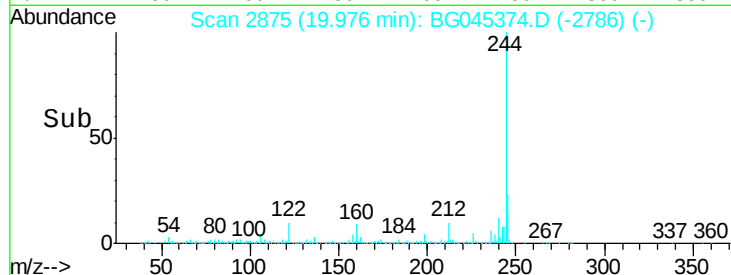
122 9.6 7.7 11.5



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: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045374.D

Acq: 14 May 2020 12:32

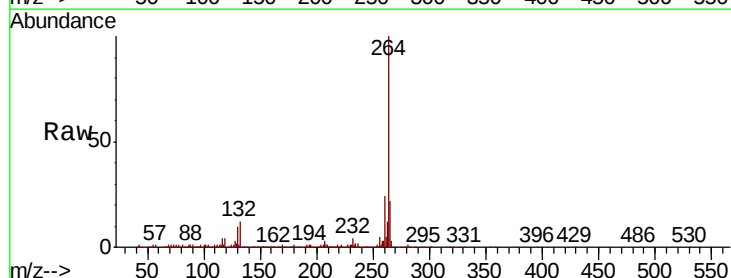
Tgt Ion:264 Resp: 511647

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.2 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

