

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045376.D
 Acq On : 14 May 2020 13:51
 Operator : CG/JU
 Sample : PB128856TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128856TB

Quant Time: May 14 14:35:46 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	61927	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	256215	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	188218	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	451034	20.00	ng	0.00
76) Chrysene-d12	21.62	240	467552	20.00	ng	0.00
87) Perylene-d12	24.78	264	496071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	440545	117.45	ng	0.00
7) Phenol-d6	7.14	99	628474	112.77	ng	0.00
23) Nitrobenzene-d5	9.13	82	442361	78.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	329716	113.39	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1033349	80.50	ng	0.00
79) Terphenyl-d14	19.98	244	1913360	89.19	ng	0.00

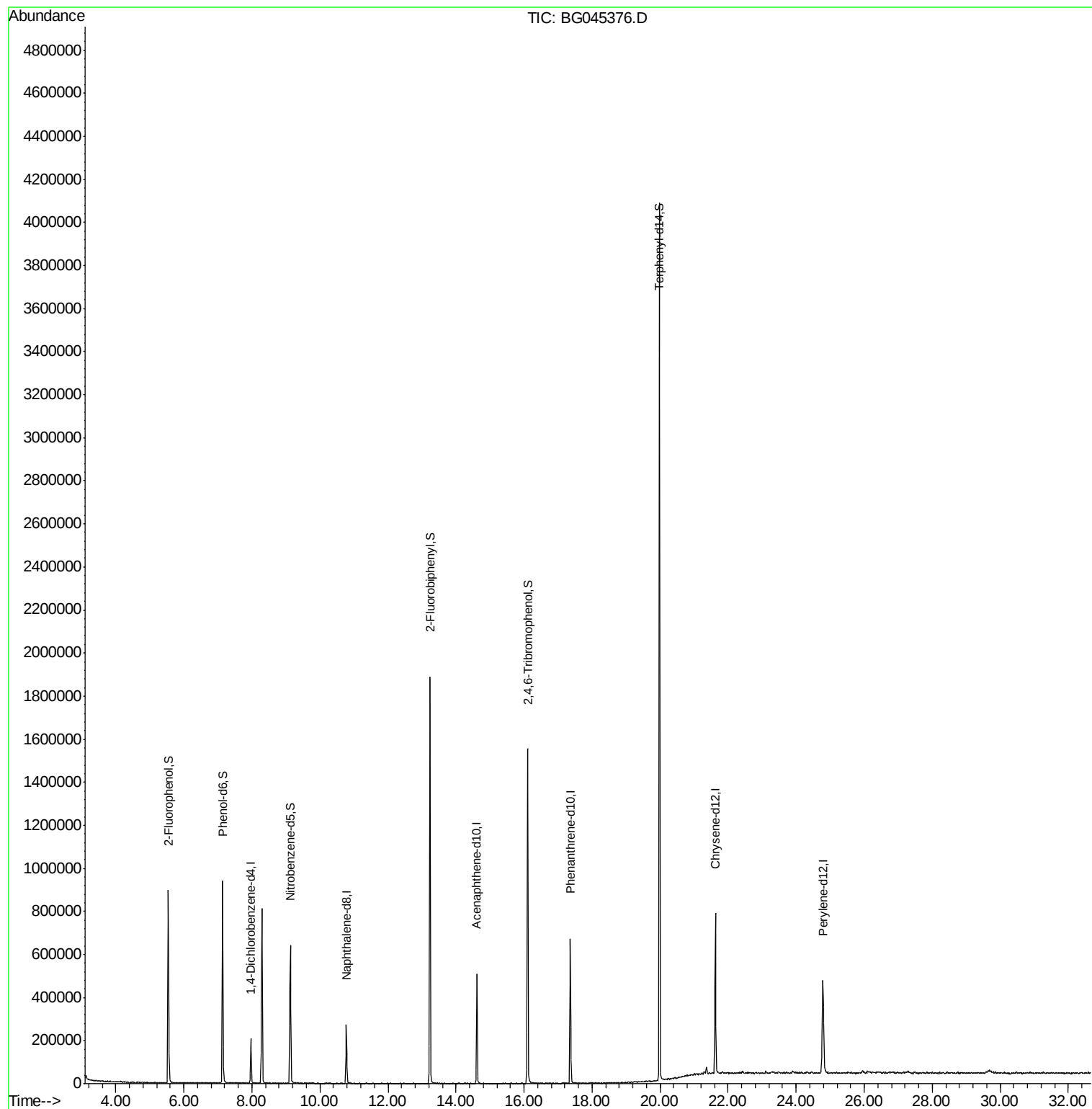
Target Compounds Qvalue

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

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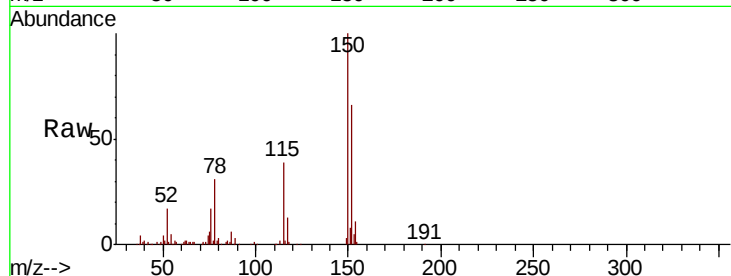


#1

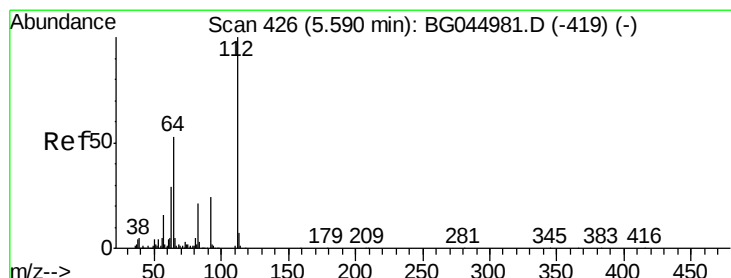
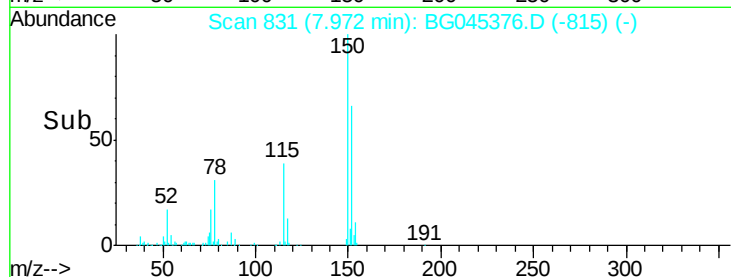
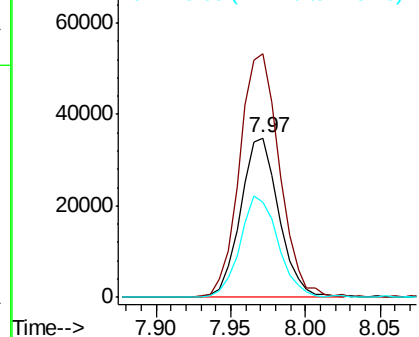
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045376.D
Acq: 14 May 2020 13:51

Instrument :
BNA_G
ClientSampleId :
PB128856TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.6	185.4
115	59.5	49.1	73.7



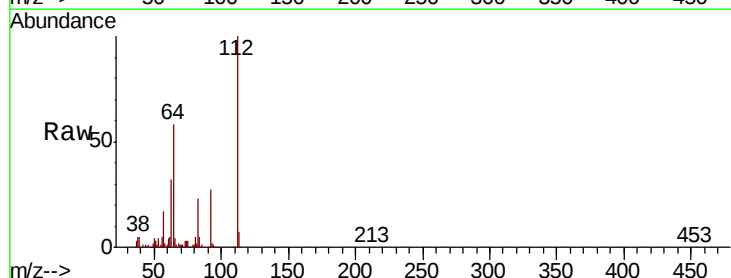
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



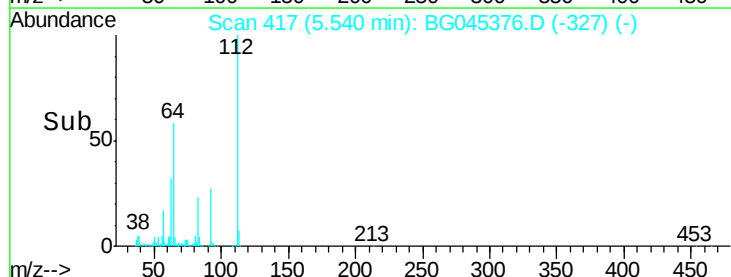
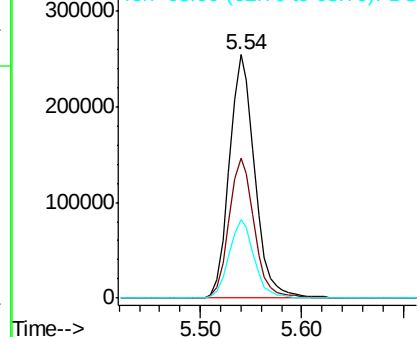
#5

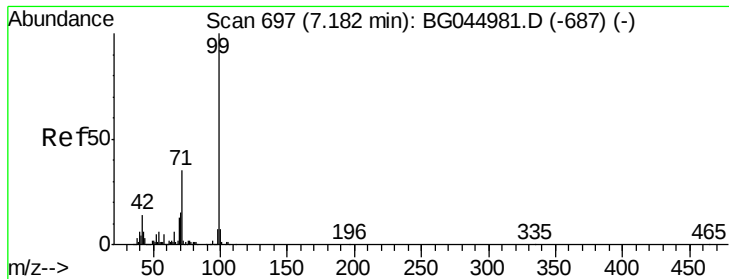
2-Fluorophenol
Concen: 117.447 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045376.D
Acq: 14 May 2020 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	42.4	63.6
63	32.0	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.770 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045376.D

Acq: 14 May 2020 13:51

Instrument :

BNA_G

ClientSampleId :

PB128856TB

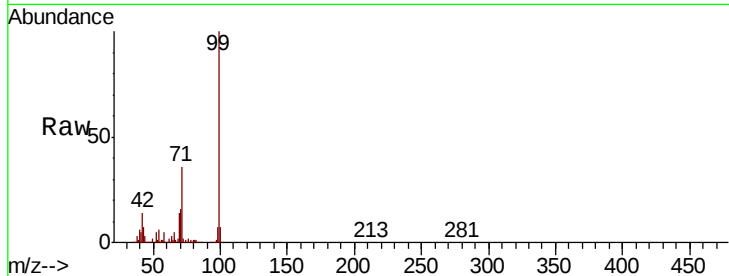
Tot Ion: 99 Resp: 628474

Ion Ratio Lower Upper

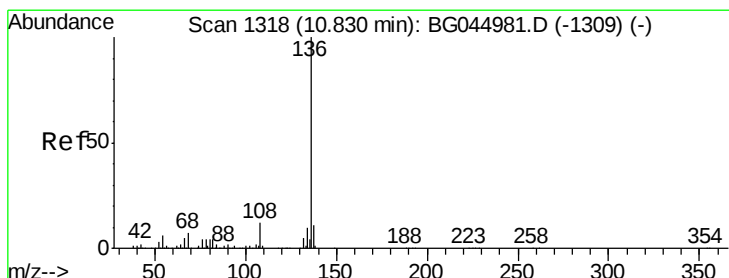
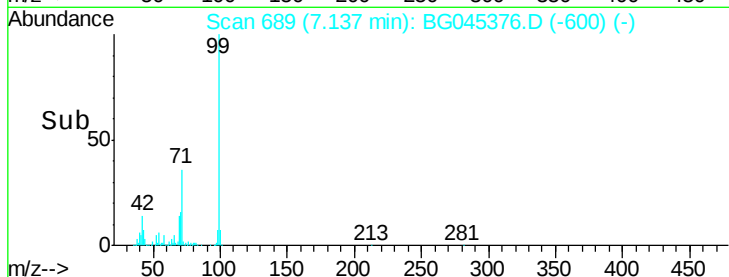
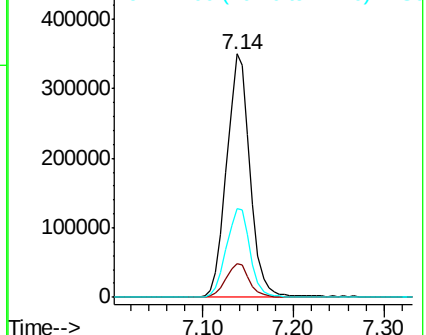
99 100

42 13.7 11.3 16.9

71 36.5 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. -0.00 min

Lab File: BG045376.D

Acq: 14 May 2020 13:51

Tgt Ion: 136 Resp: 256215

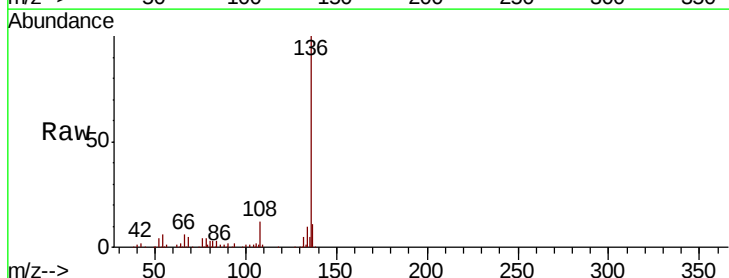
Ion Ratio Lower Upper

136 100

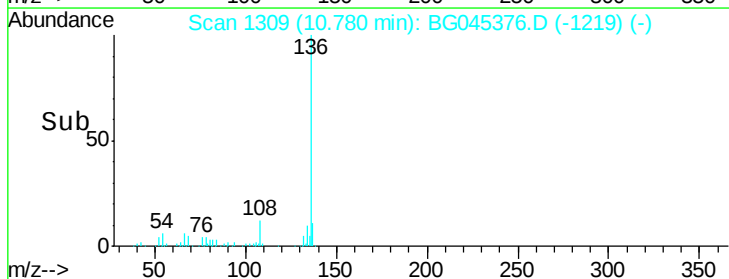
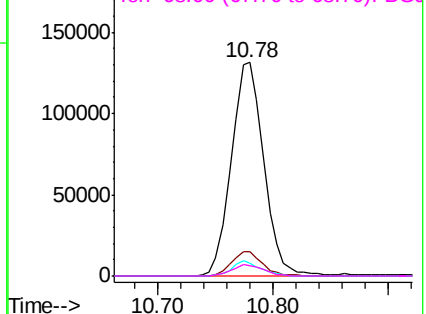
137 11.4 8.6 13.0

54 6.3 4.8 7.2

68 5.1 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

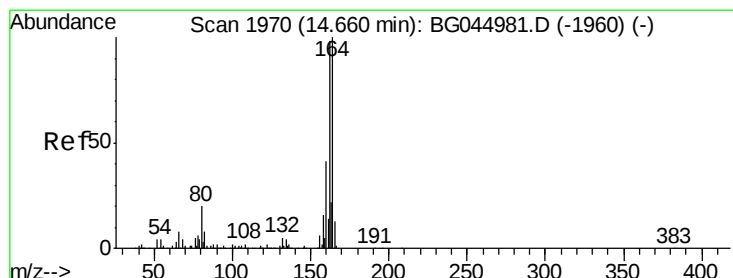
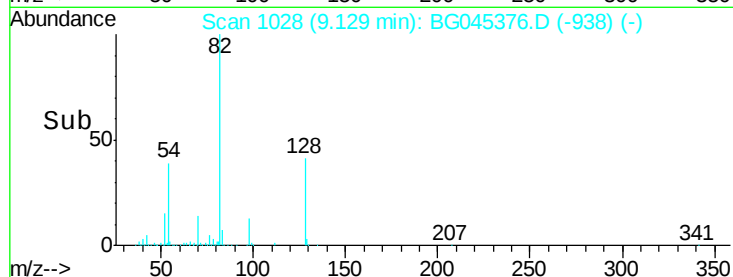
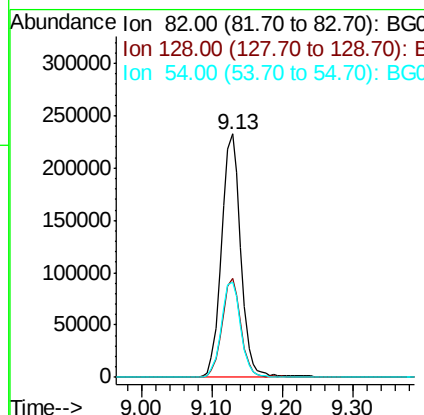
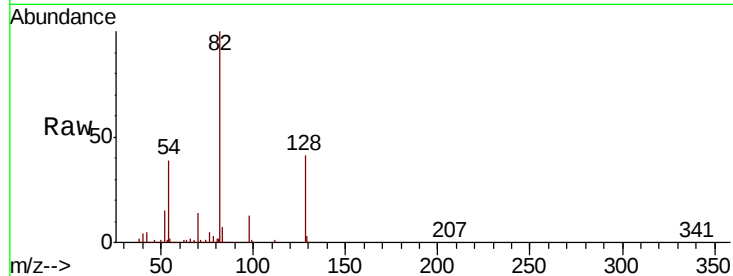




#23
 Nitrobenzene-d5
 Concen: 78.779 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045376.D
 Acq: 14 May 2020 13:51

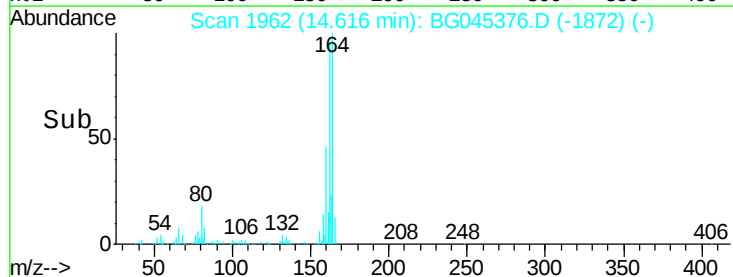
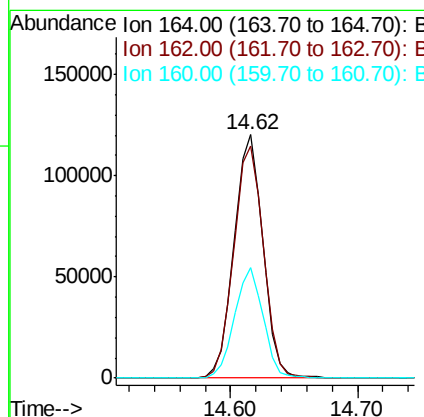
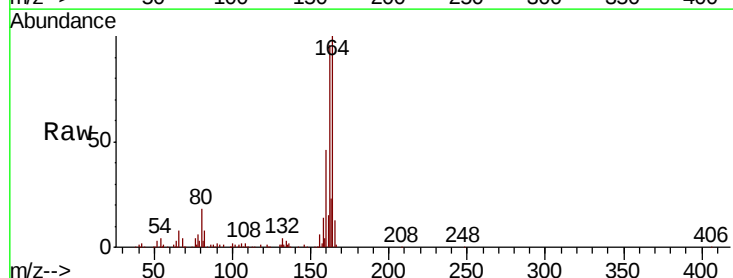
Instrument :
 BNA_G
 ClientSampleId :
 PB128856TB

Tot Ion	82	Resp	442361
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.0	49.4
54	39.3	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG045376.D
 Acq: 14 May 2020 13:51

Tgt Ion	164	Resp	188218
Ion Ratio	Lower	Upper	
164	100		
162	95.6	78.7	118.1
160	45.6	32.8	49.2

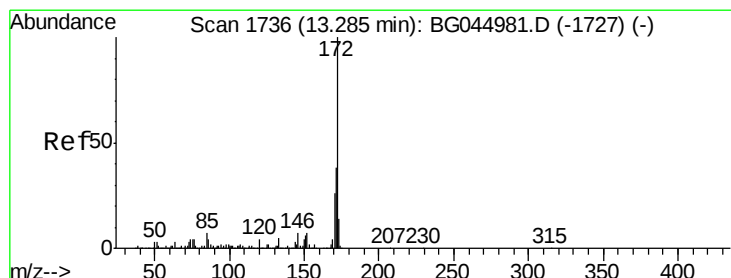
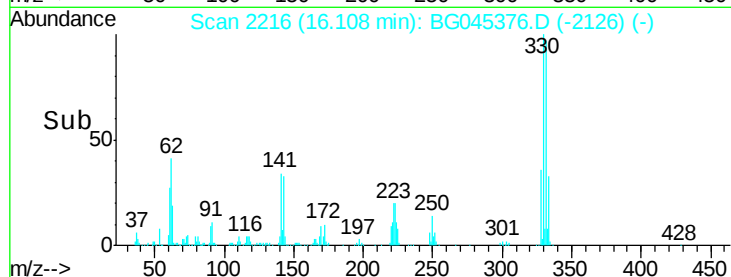
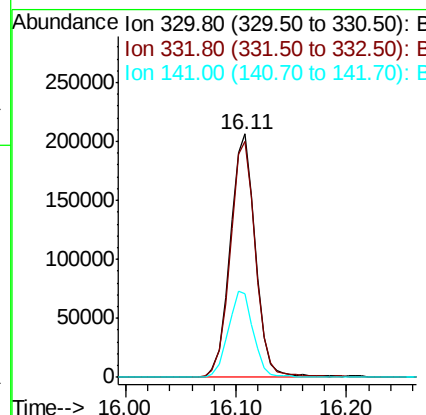
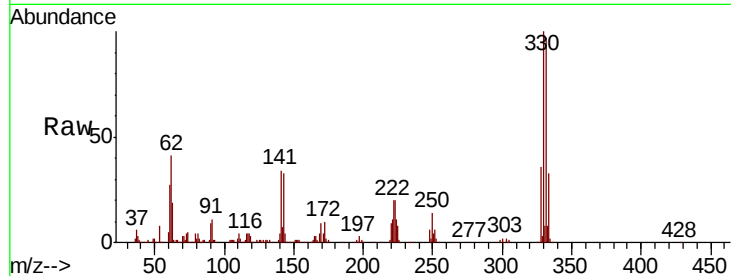




#42
 2,4,6-Tribromophenol
 Concen: 113.393 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045376.D
 Acq: 14 May 2020 13:51

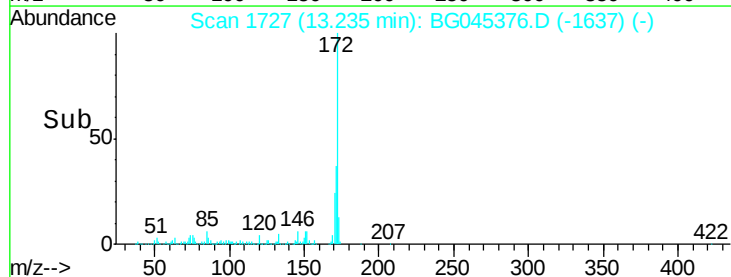
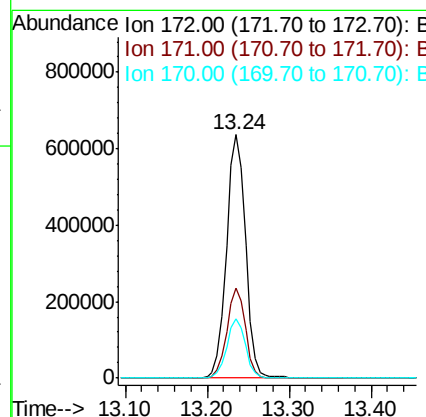
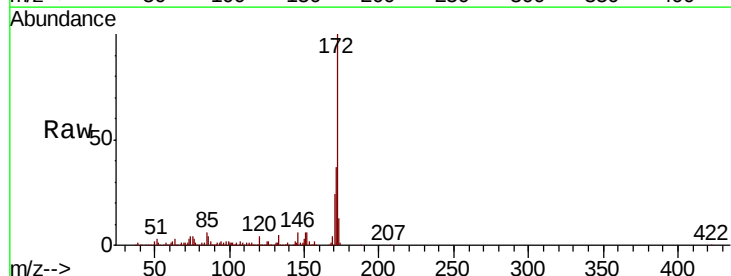
Instrument :
 BNA_G
 ClientSampleId :
 PB128856TB

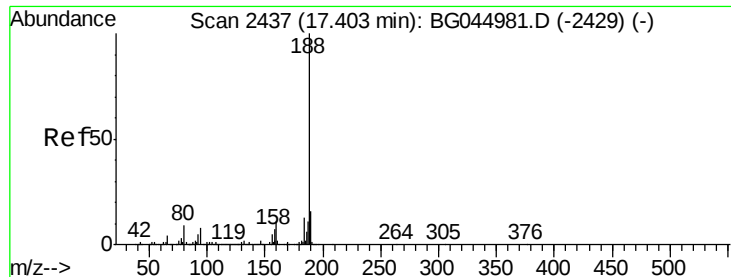
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 80.503 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045376.D
 Acq: 14 May 2020 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.3	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045376.D

Acq: 14 May 2020 13:51

Instrument :

BNA_G

ClientSampleId :

PB128856TB

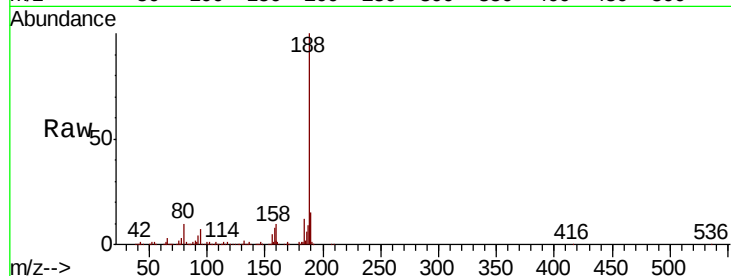
Tot Ion:188 Resp: 451034

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

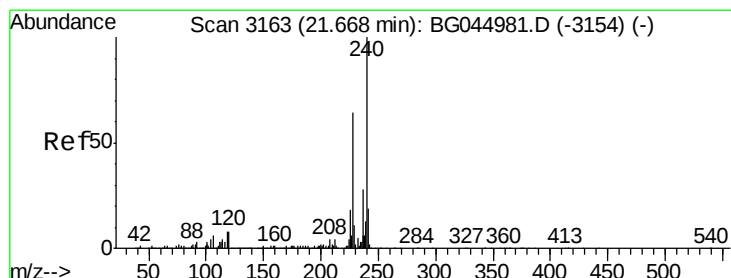
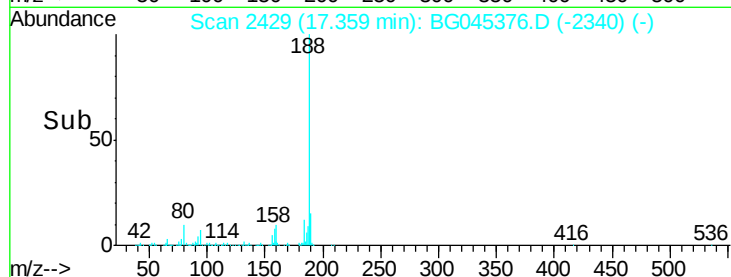
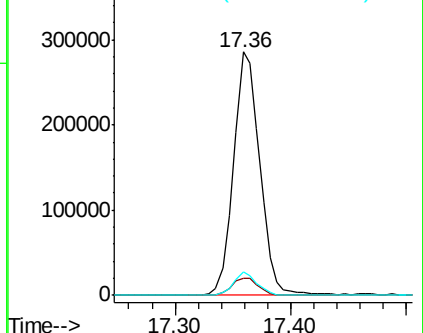
80 9.9 7.0 10.6



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045376.D

Acq: 14 May 2020 13:51

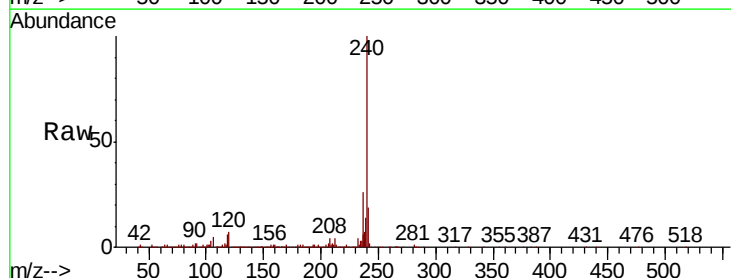
Tgt Ion:240 Resp: 467552

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

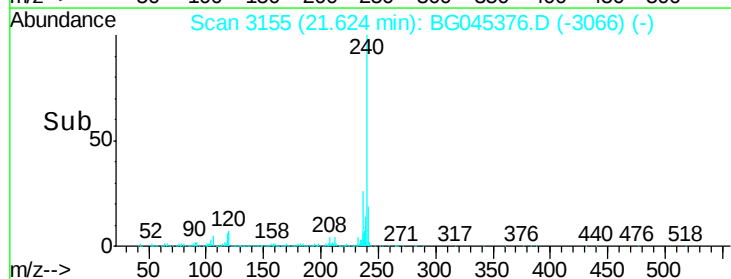
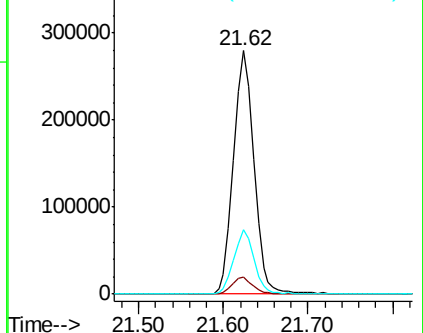
236 26.4 22.2 33.2

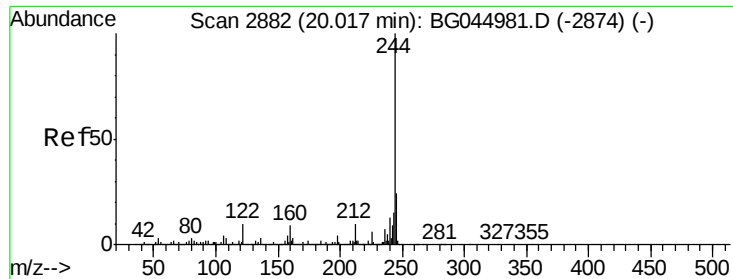


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.194 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045376.D

Acq: 14 May 2020 13:51

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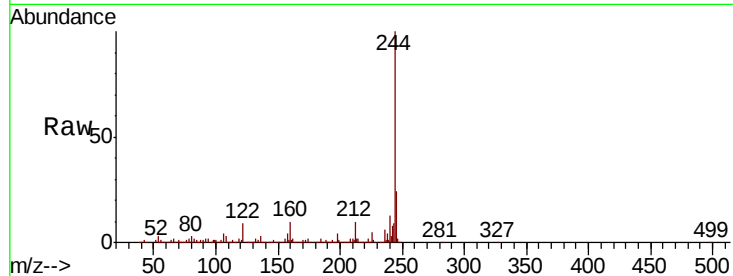
Tot Ion:244 Resp: 1913360

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

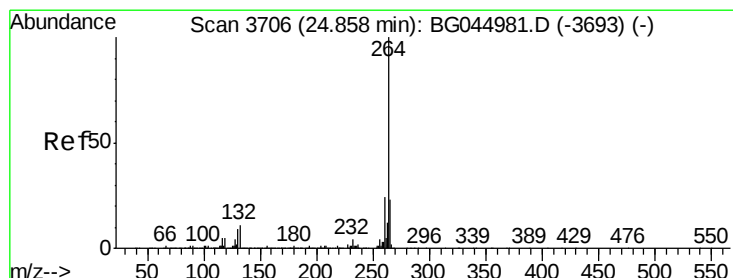
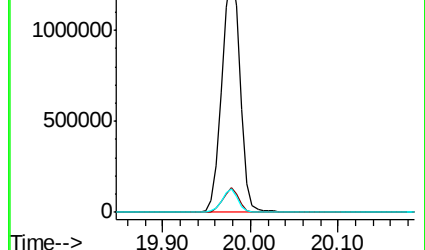
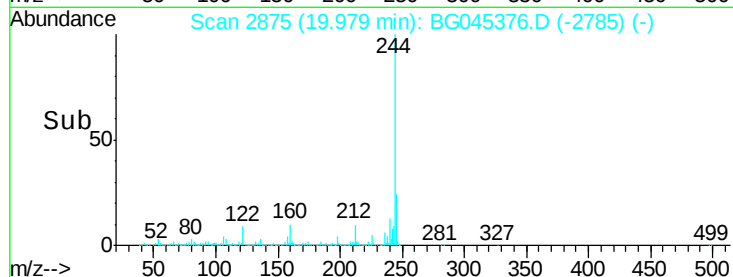
122 9.4 7.7 11.5



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: BG045376.D

Acq: 14 May 2020 13:51

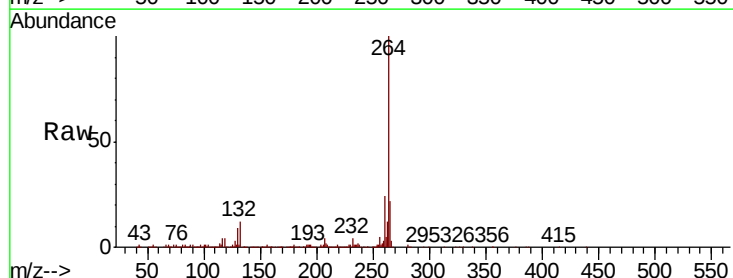
Tgt Ion:264 Resp: 496071

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 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

