

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045295.D
 Acq On : 11 May 2020 14:04
 Operator : CG/JU
 Sample : PB128752BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BL

Quant Time: May 11 14:49:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59295	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	230449	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	161050	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	379472	20.00	ng	0.00
76) Chrysene-d12	21.63	240	413806	20.00	ng	-0.01
87) Perylene-d12	24.79	264	452641	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	476190	132.59	ng	0.00
7) Phenol-d6	7.14	99	641497	120.22	ng	0.00
23) Nitrobenzene-d5	9.13	82	442092	87.53	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	307439	123.57	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1013307	92.26	ng	0.00
79) Terphenyl-d14	19.98	244	1867535	98.37	ng	0.00

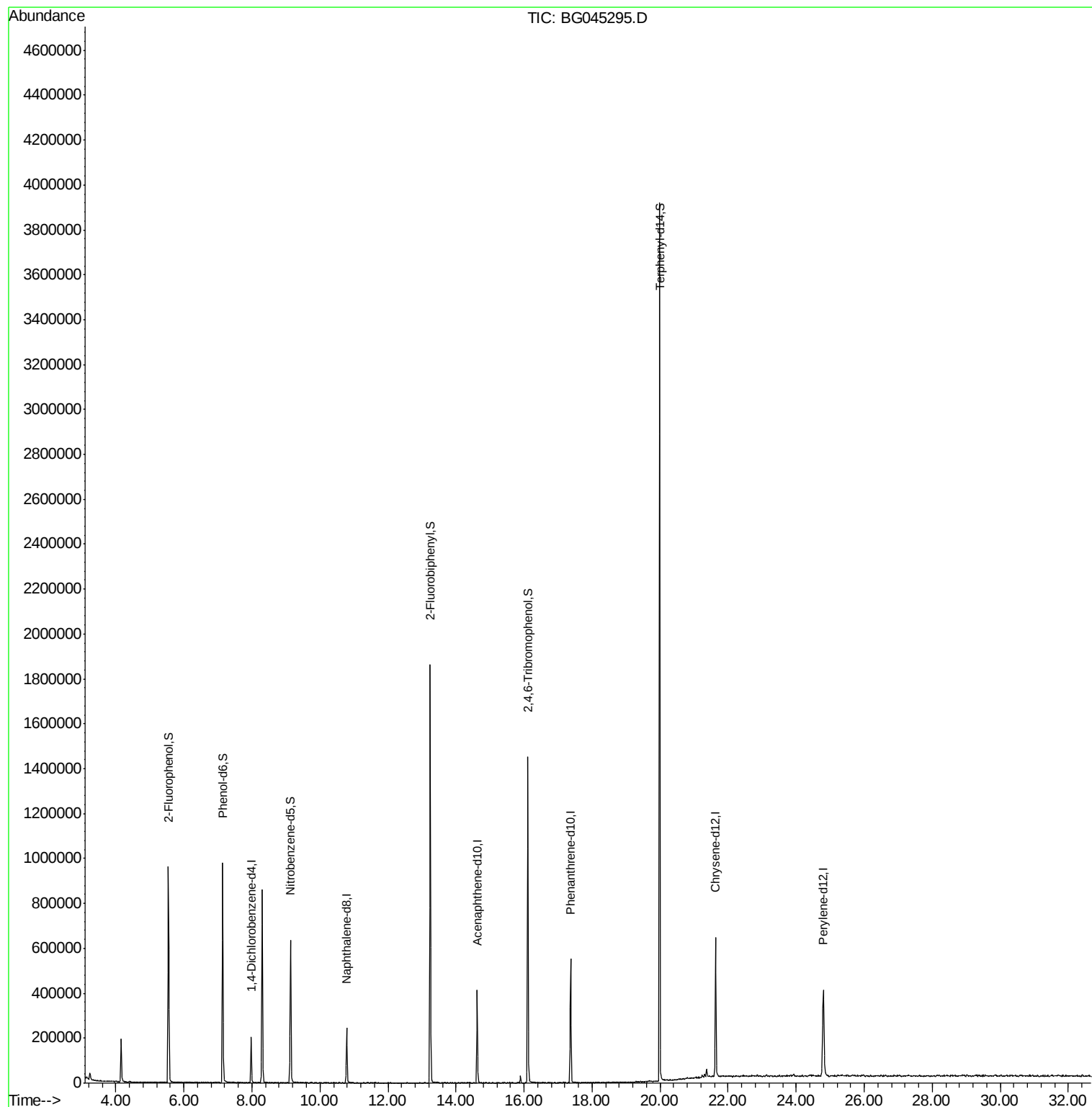
Target Compounds	Qvalue
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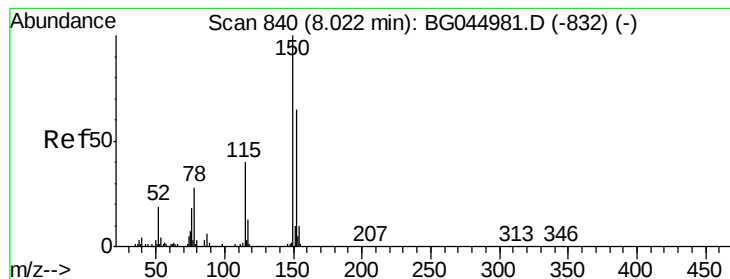
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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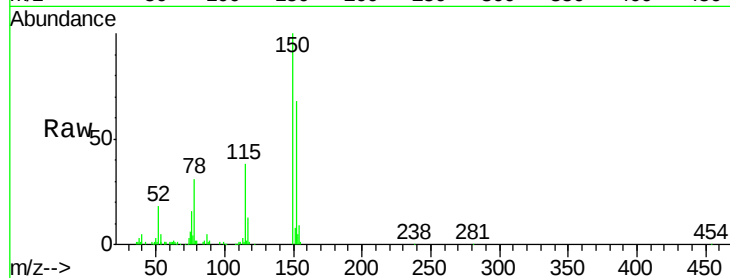


#1

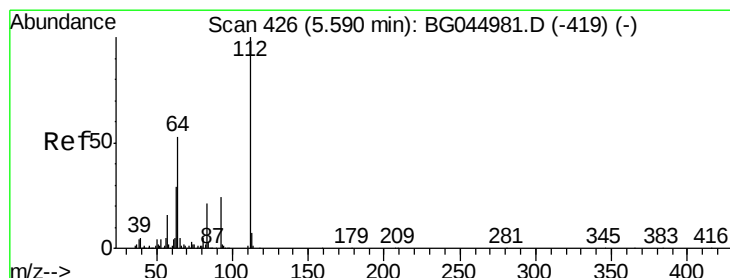
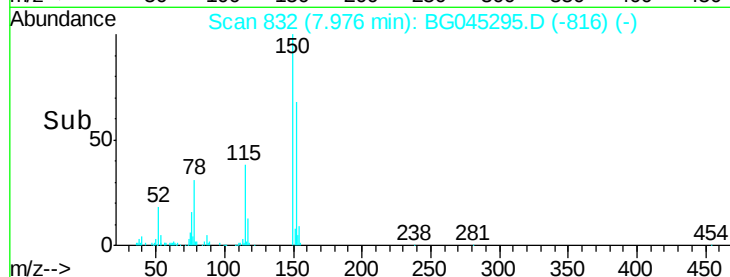
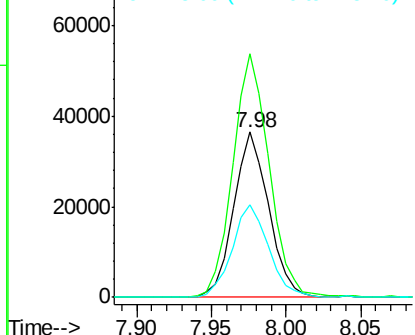
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BL

Tgt Ion:152 Resp: 59295
 Ion Ratio Lower Upper
 152 100
 150 147.2 123.6 185.4
 115 56.1 49.1 73.7



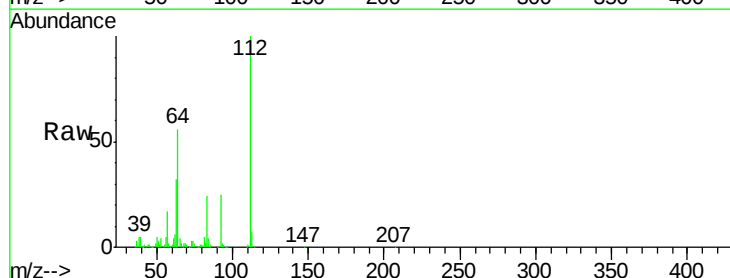
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



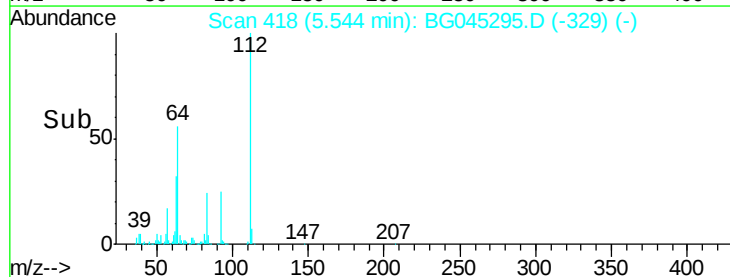
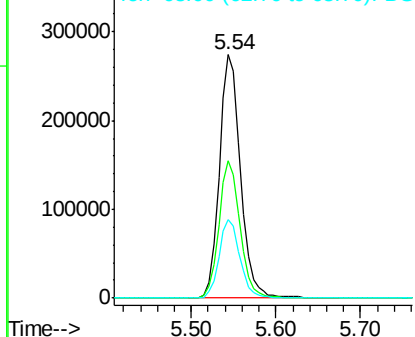
#5

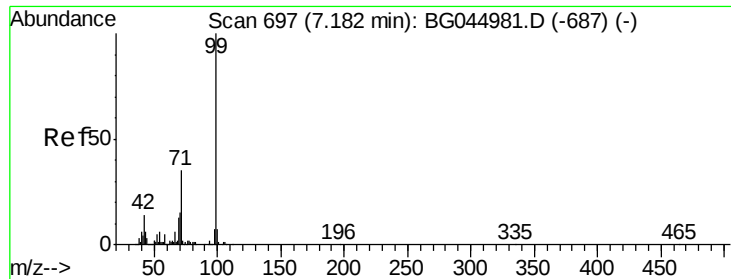
2-Fluorophenol
 Concen: 132.59 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

Tgt Ion:112 Resp: 476190
 Ion Ratio Lower Upper
 112 100
 64 56.5 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): BGO
 Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 120.22 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

Instrument :

BNA_G

ClientSampleId :

PB128752BL

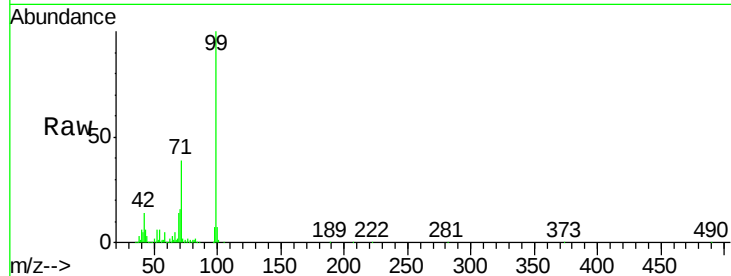
Tgt Ion: 99 Resp: 641497

Ion Ratio Lower Upper

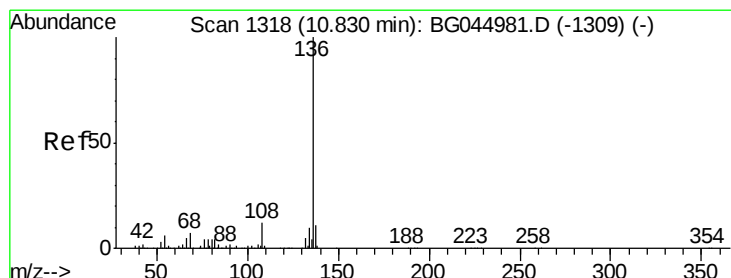
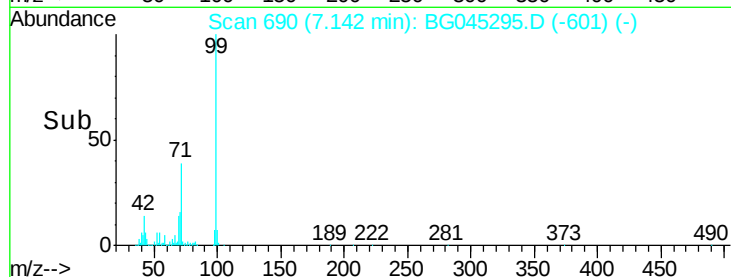
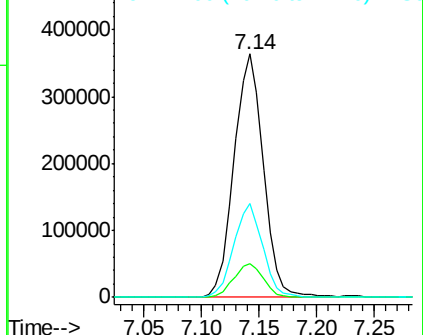
99 100

42 13.8 11.3 16.9

71 38.6 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: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

Tgt Ion: 136 Resp: 230449

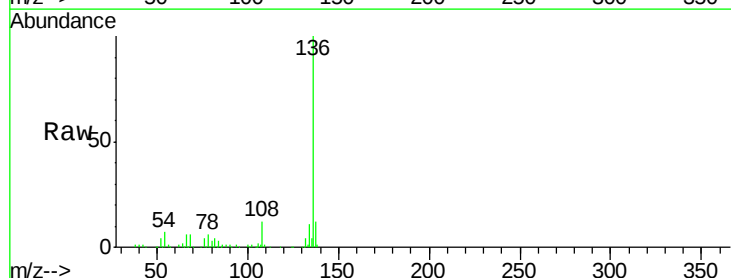
Ion Ratio Lower Upper

136 100

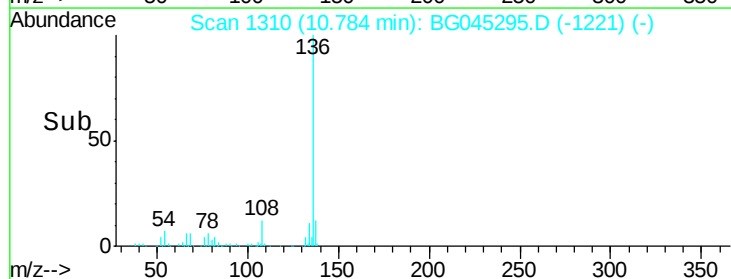
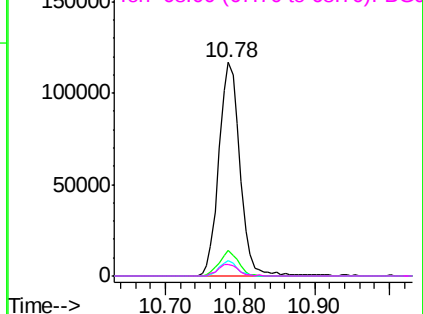
137 11.8 8.6 13.0

54 7.0 4.8 7.2

68 5.6 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

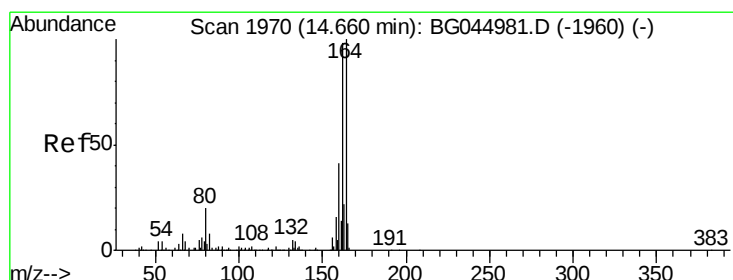
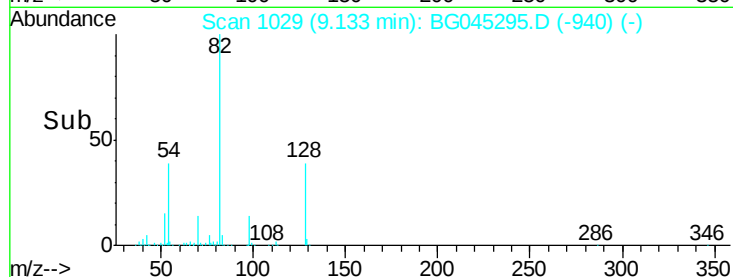
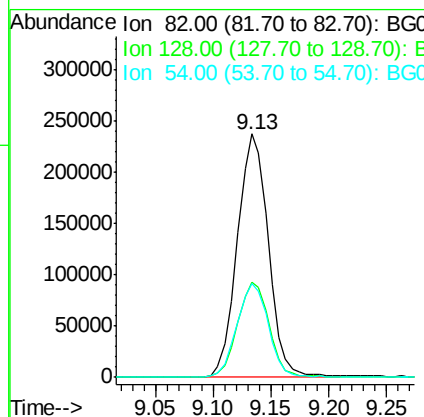
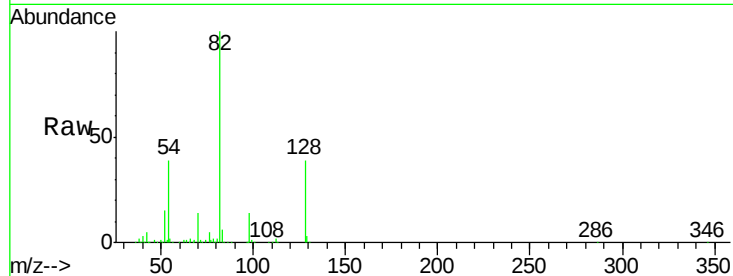




#23
 Nitrobenzene-d5
 Concen: 87.53 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

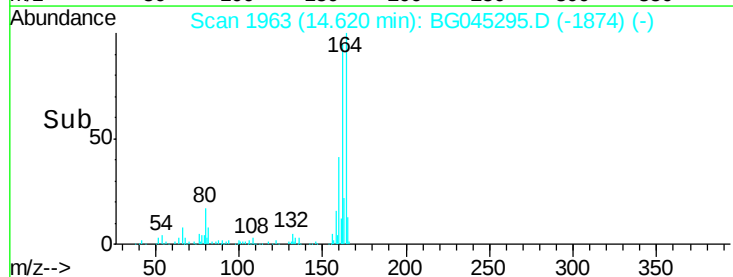
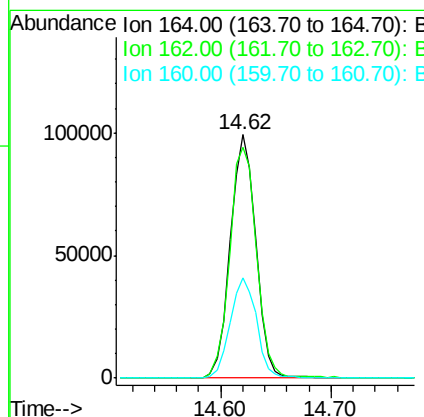
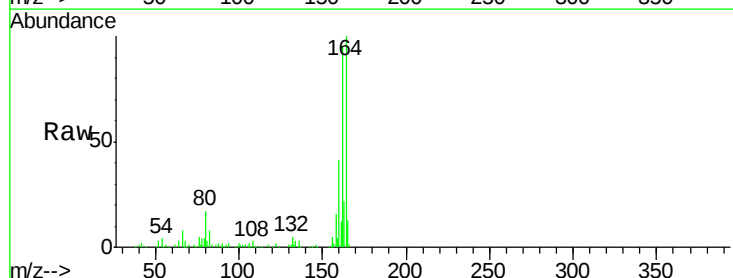
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.0	49.4
54	38.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	78.7	118.1
160	41.4	32.8	49.2

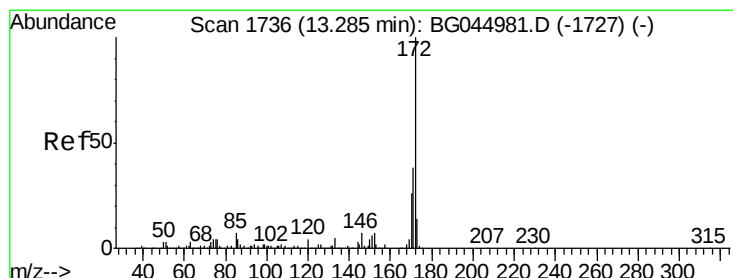
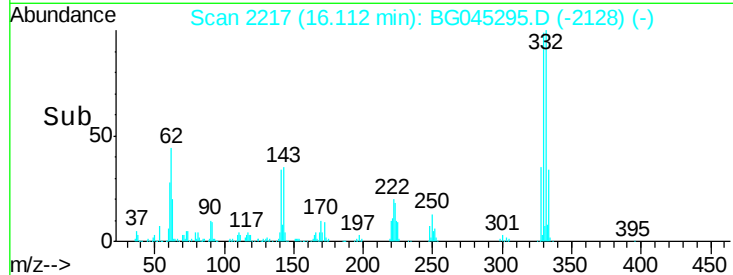
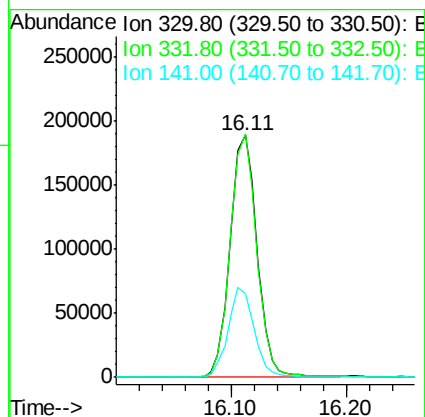
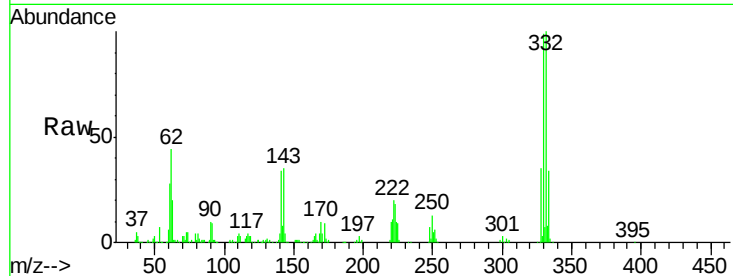




#42
 2,4,6-Tribromophenol
 Concen: 123.57 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

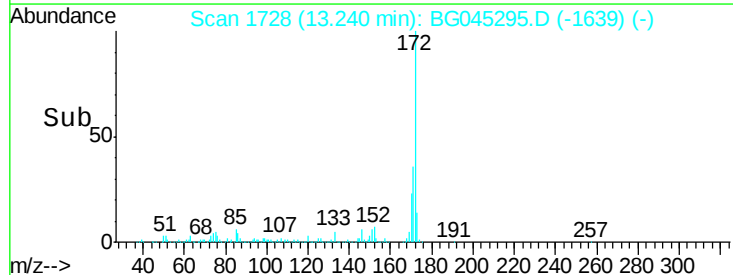
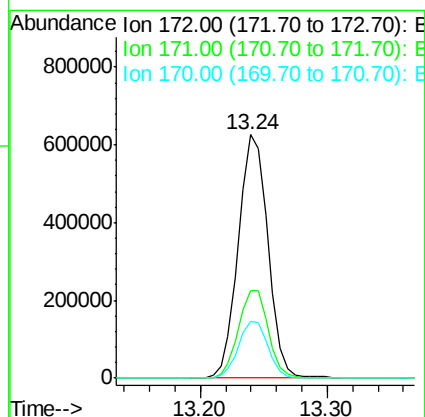
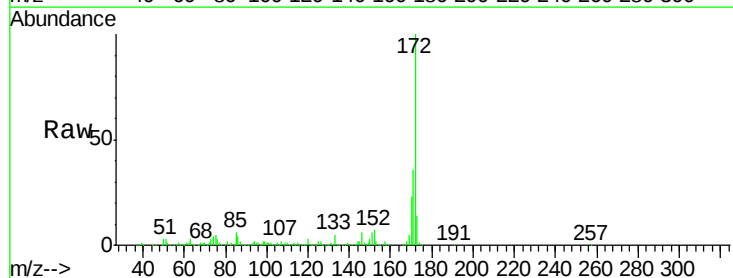
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BL

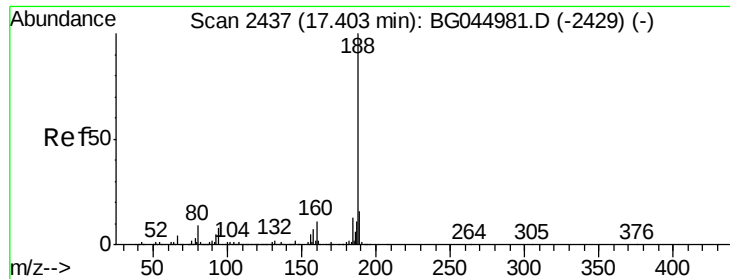
Tgt Ion:	330	Resp:	307439
Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	35.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 92.26 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG045295.D
 Acq: 11 May 2020 14:04

Tgt Ion:	172	Resp:	1013307
Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	46.0
170	23.1	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

Instrument :

BNA_G

ClientSampleId :

PB128752BL

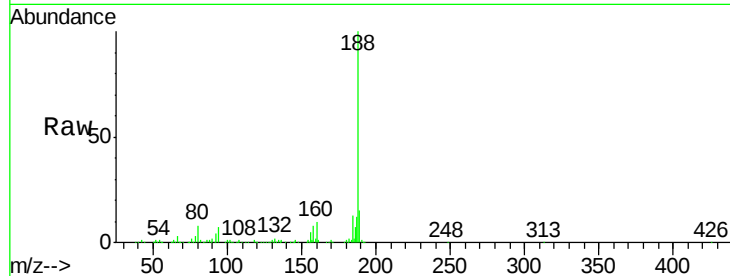
Tgt Ion:188 Resp: 379472

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

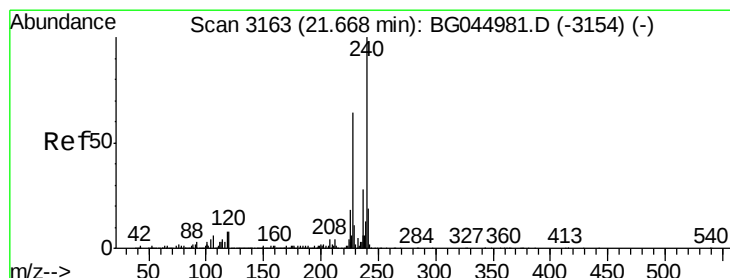
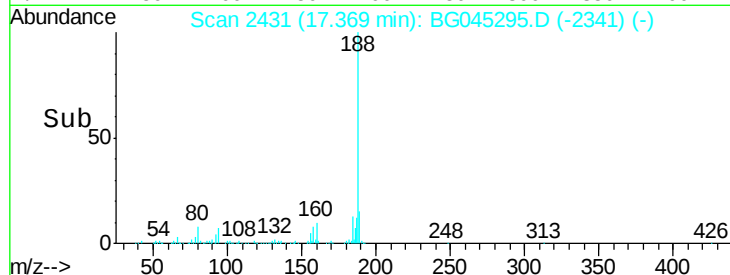
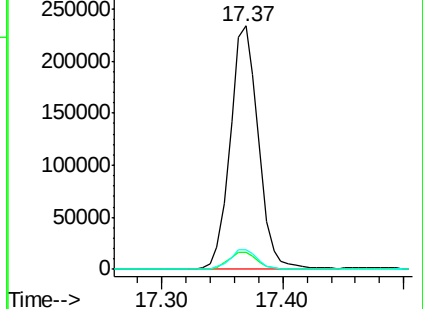
80 8.3 7.0 10.6



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: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

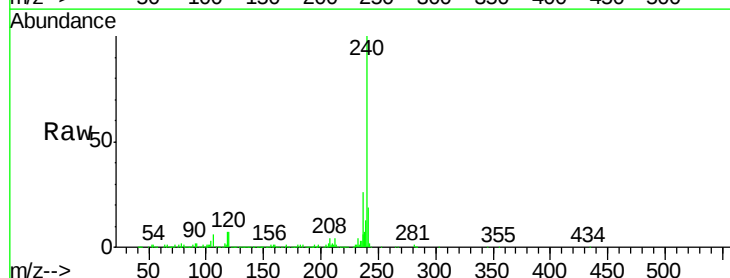
Tgt Ion:240 Resp: 413806

Ion Ratio Lower Upper

240 100

120 6.5 6.6 10.0#

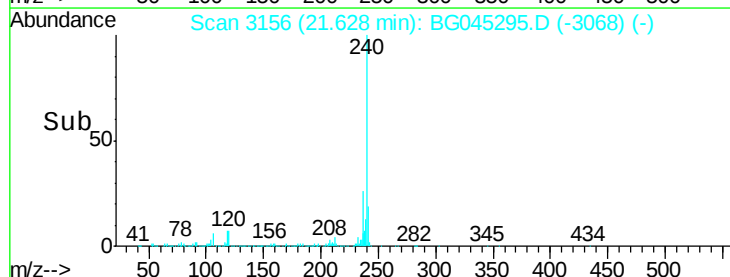
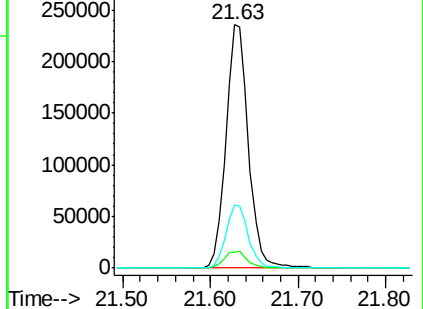
236 26.0 22.2 33.2

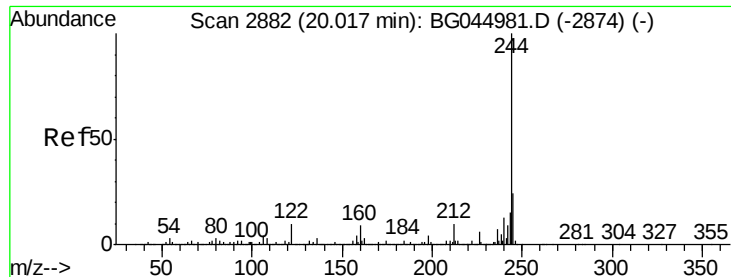


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.37 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

Instrument :

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ClientSampleId :

PB128752BL

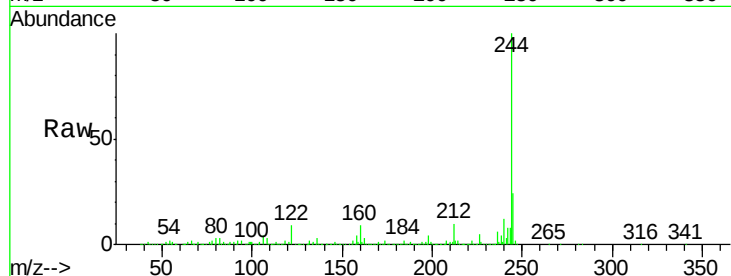
Tgt Ion:244 Resp: 1867535

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

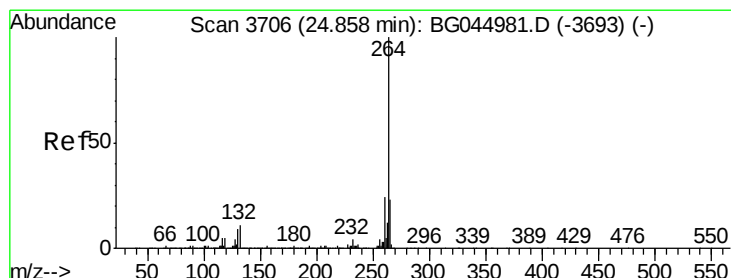
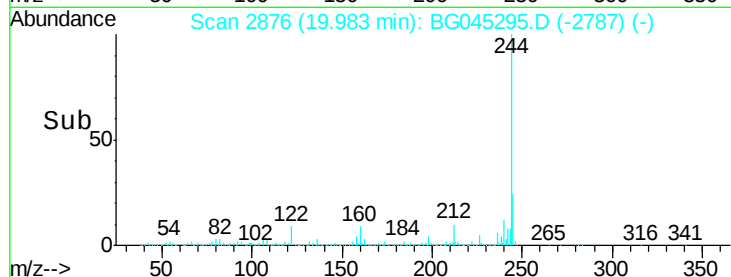
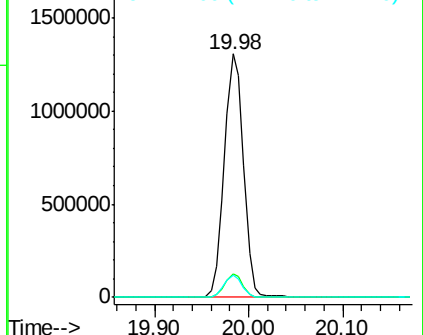
122 9.3 7.7 11.5



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: 20.00 ng

RT: 24.79 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG045295.D

Acq: 11 May 2020 14:04

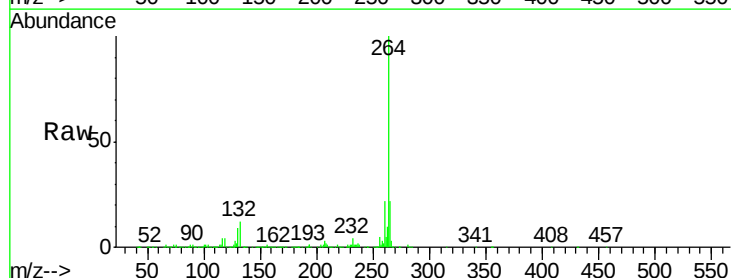
Tgt Ion:264 Resp: 452641

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 22.0 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

