

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043356.D
 Acq On : 28 Oct 2019 18:56
 Operator : JU
 Sample : PB124258BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124258BL

Quant Time: Oct 29 12:33:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37895	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126314	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101847	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	250596	20.00	ng	0.00
76) Chrysene-d12	21.66	240	292673	20.00	ng	0.00
87) Perylene-d12	24.86	264	339234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	269531	130.33	ng	0.00
7) Phenol-d6	7.21	99	372409	125.16	ng	0.00
23) Nitrobenzene-d5	9.19	82	222232	90.70	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	236922	122.24	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	632260	85.78	ng	0.00
79) Terphenyl-d14	20.00	244	1398845	89.67	ng	0.00

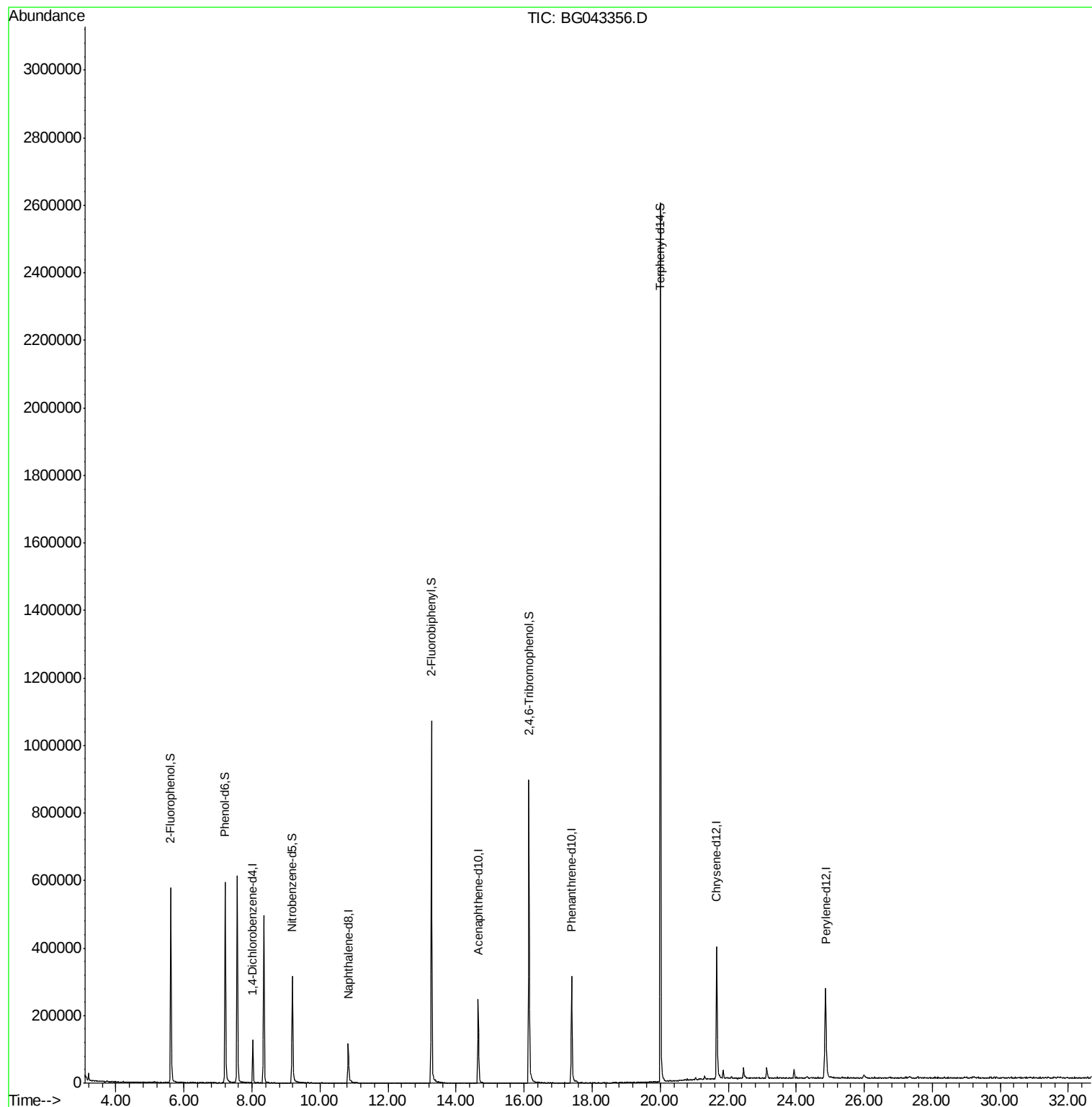
Target Compounds Qvalue

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

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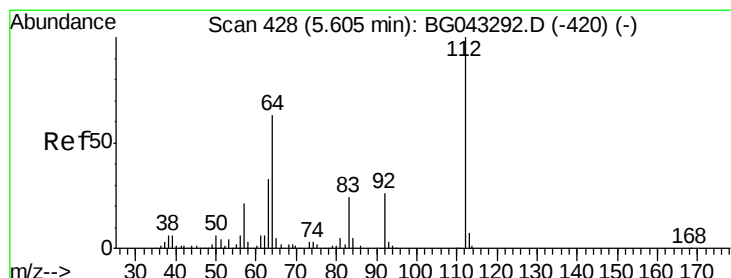
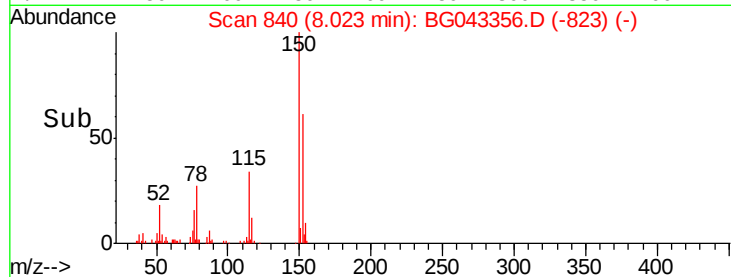
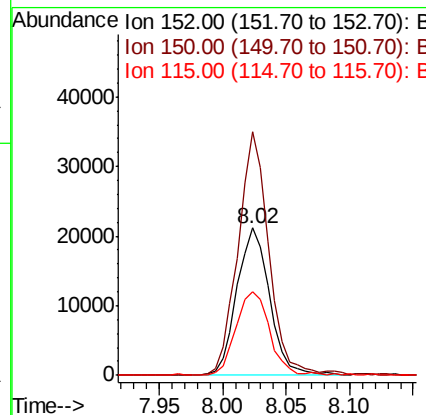
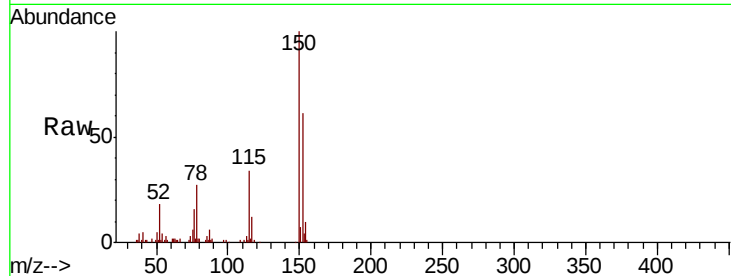


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043356.D
Acq: 28 Oct 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB124258BL

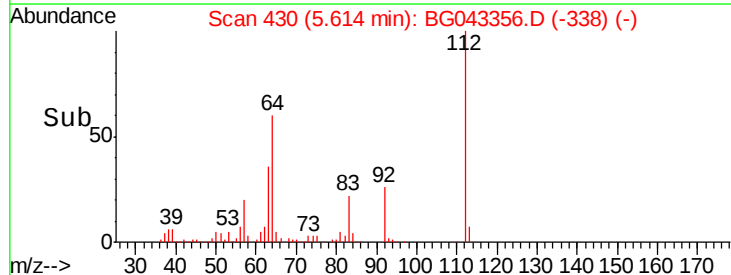
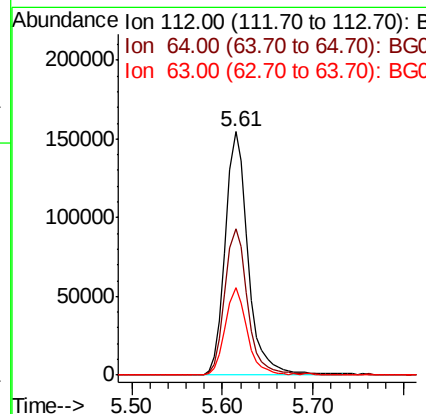
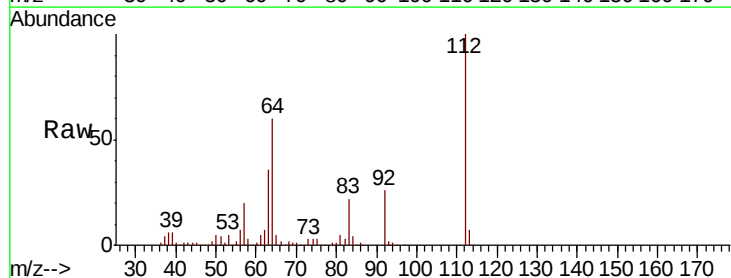
Tot Ion	152	Resp	37895
Ion Ratio	Lower	Upper	
152	100		
150	165.0	113.6	170.4
115	56.4	45.9	68.9

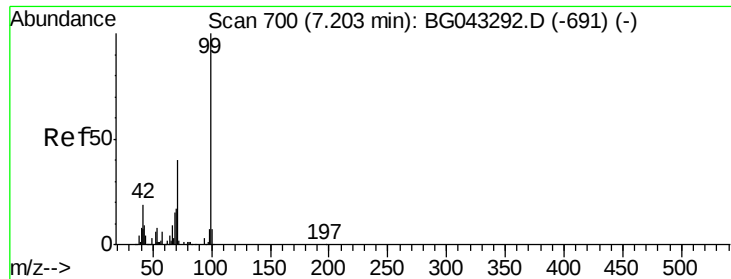


#5

2-Fluorophenol
Concen: 130.334 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043356.D
Acq: 28 Oct 2019 18:56

Tgt Ion	112	Resp	269531
Ion Ratio	Lower	Upper	
112	100		
64	59.8	50.2	75.2
63	36.1	26.7	40.1





#7

Phenol-d6

Concen: 125.164 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB124258BL

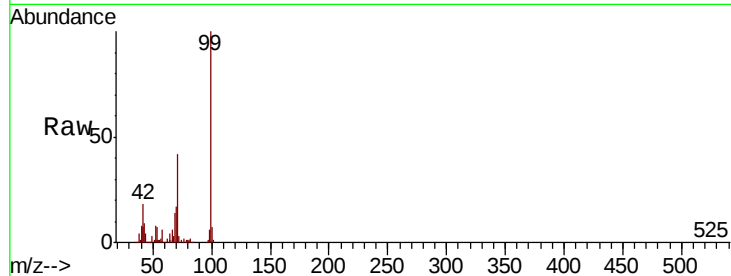
Tot Ion: 99 Resp: 372409

Ion Ratio Lower Upper

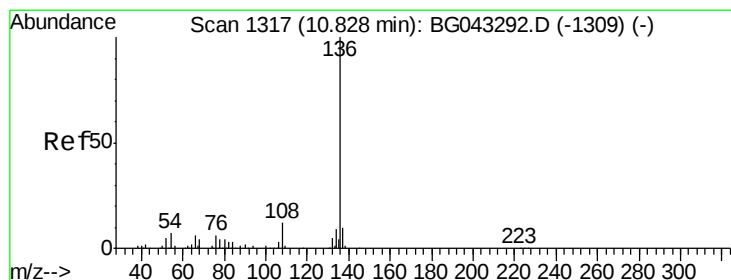
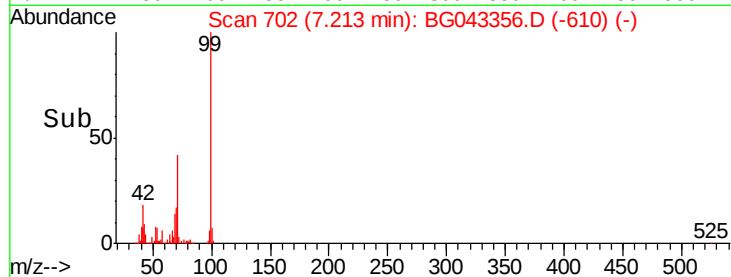
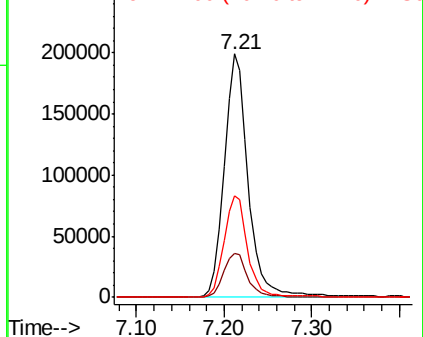
99 100

42 17.9 14.9 22.3

71 41.6 32.2 48.2



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

Tgt Ion: 136 Resp: 126314

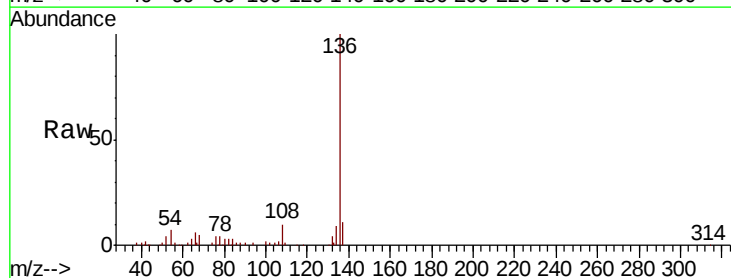
Ion Ratio Lower Upper

136 100

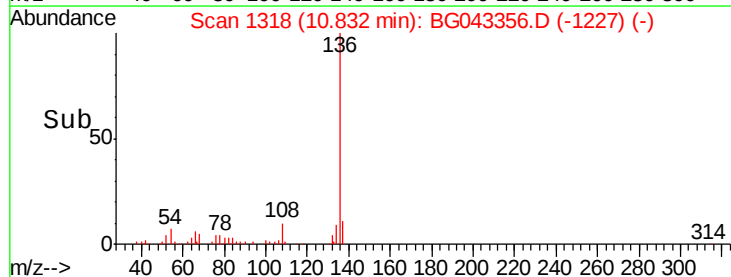
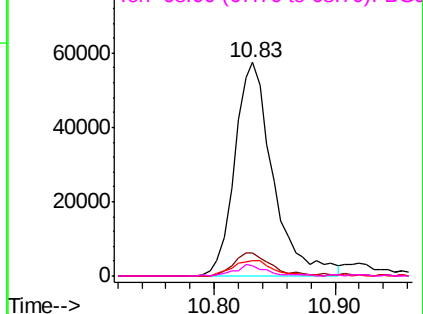
137 10.7 8.2 12.2

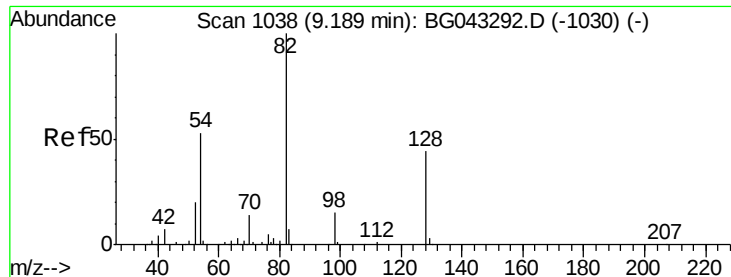
54 7.5 5.4 8.2

68 4.6 3.3 4.9



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

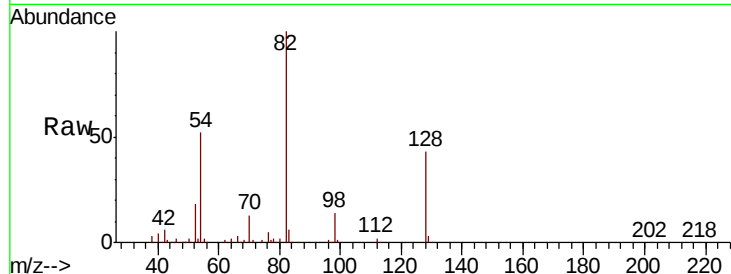




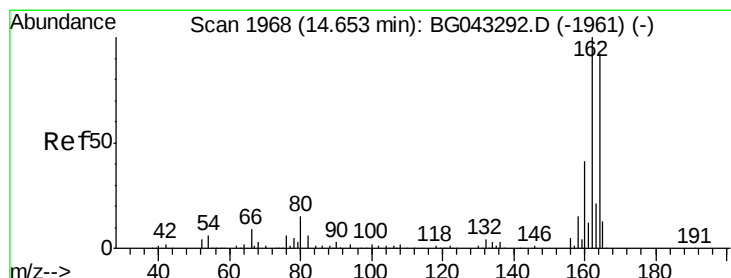
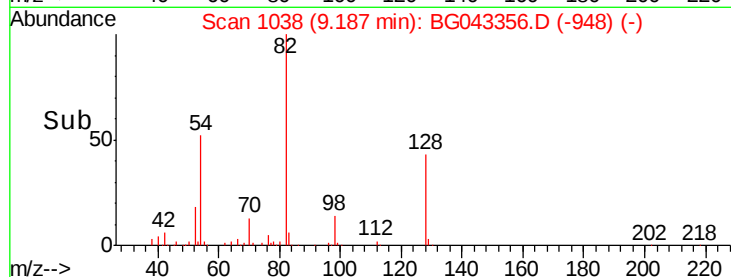
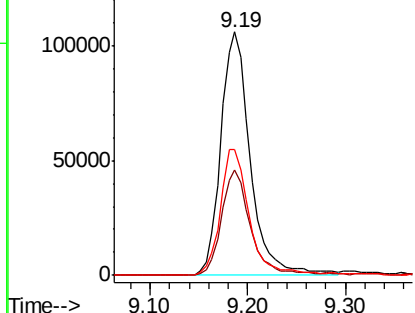
#23
Nitrobenzene-d5
Concen: 90.703 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043356.D
Acq: 28 Oct 2019 18:56

Instrument :
BNA_G
ClientSampled :
PB124258BL

Tot Ion	82	Resp	22232
Ion Ratio	100	Lower	Upper
128	43.1	35.3	52.9
54	51.6	42.3	63.5

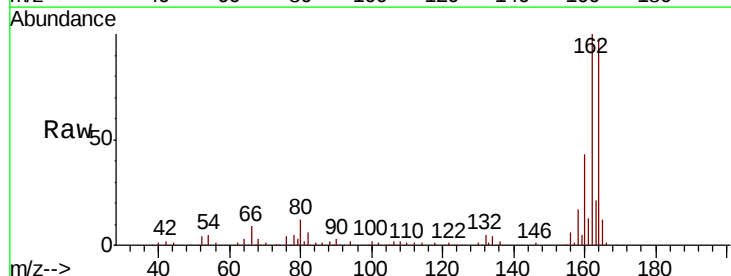


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

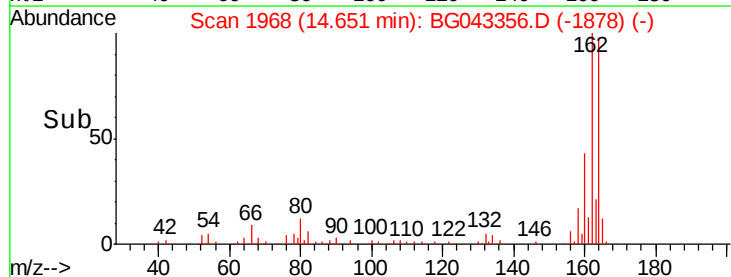
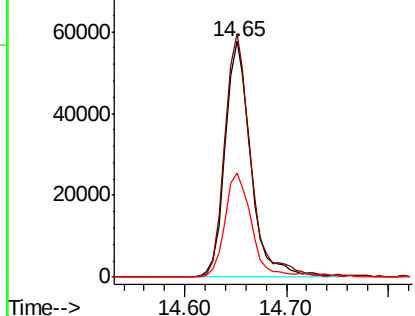


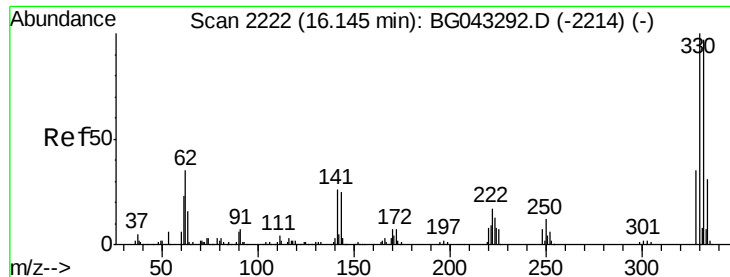
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043356.D
Acq: 28 Oct 2019 18:56

Tgt Ion	164	Resp	101847
Ion Ratio	100	Lower	Upper
162	103.2	87.0	130.4
160	44.3	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

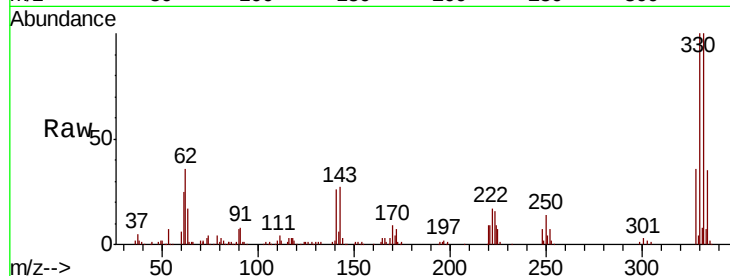




#42
 2,4,6-Tribromophenol
 Concen: 122.241 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043356.D
 Acq: 28 Oct 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB124258BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.4	114.6
141	27.8	21.4	32.0

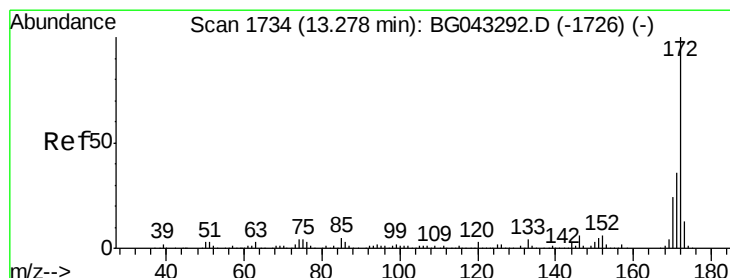
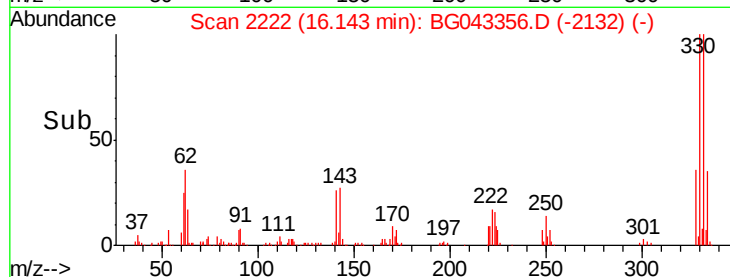
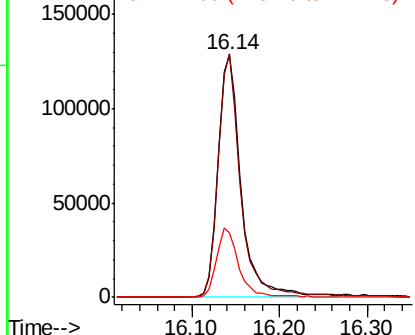


Abundance

Ion 329.80 (329.50 to 330.50): E

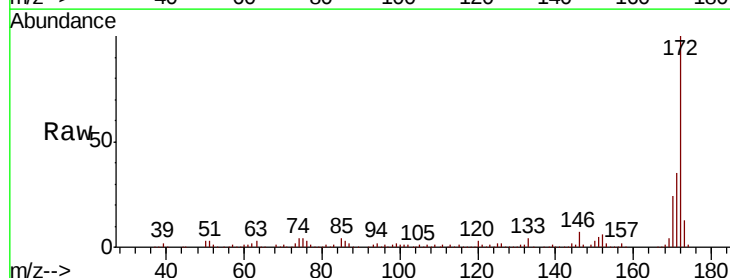
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.782 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043356.D
 Acq: 28 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	18.8	28.2

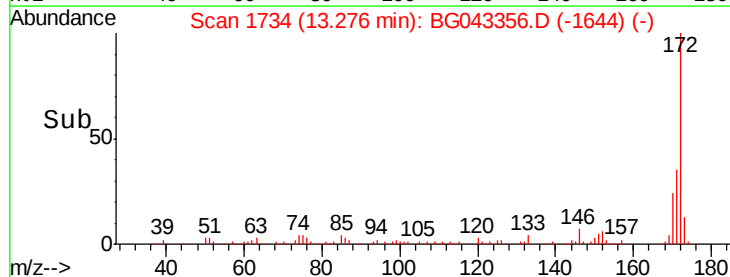
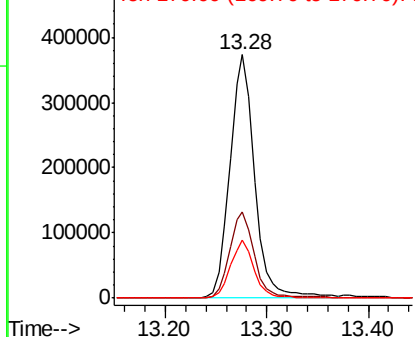


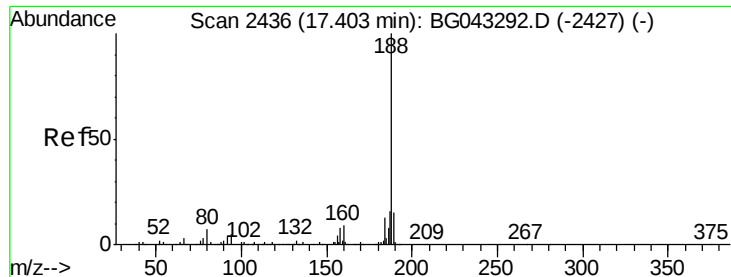
Abundance

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB124258BL

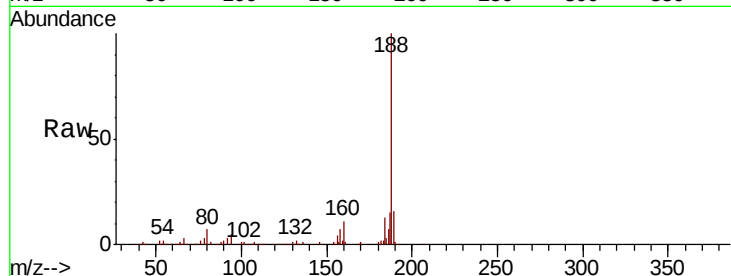
Tot Ion:188 Resp: 250596

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

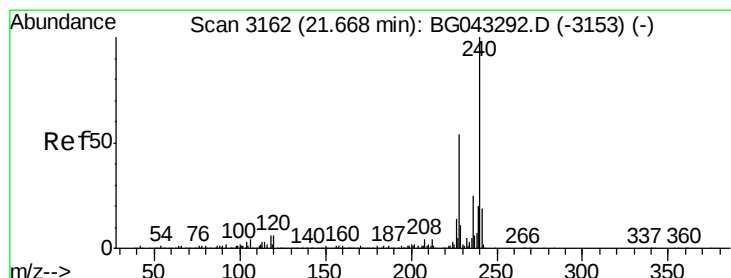
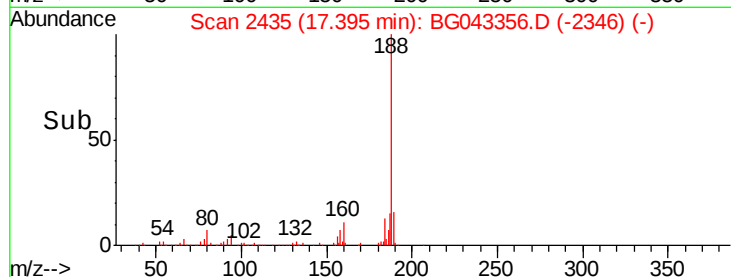
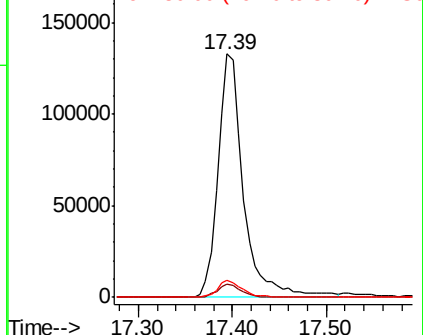
80 7.1 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

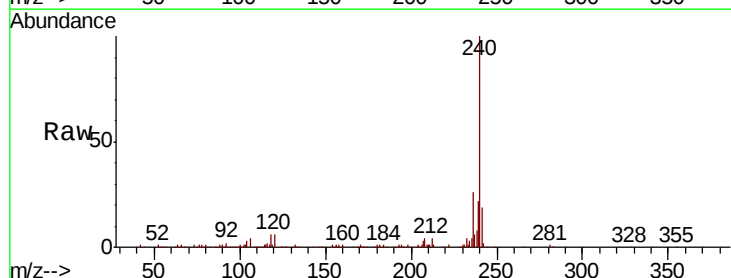
Tgt Ion:240 Resp: 292673

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

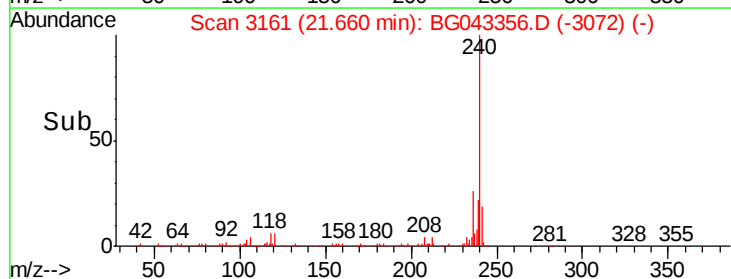
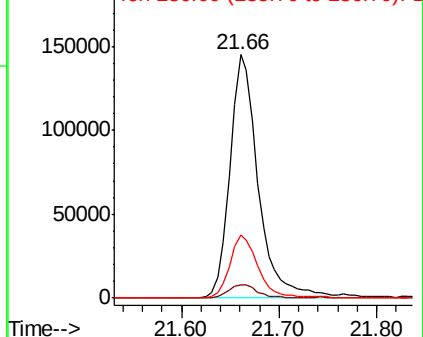
236 25.9 20.2 30.4

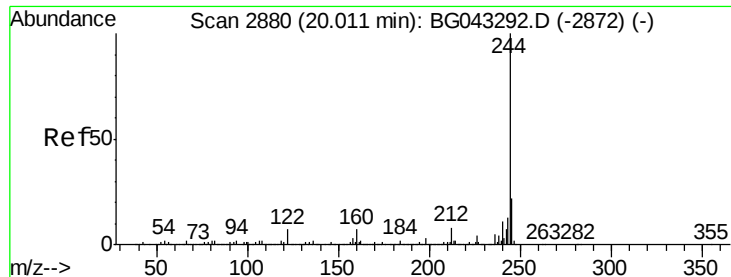


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.667 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB124258BL

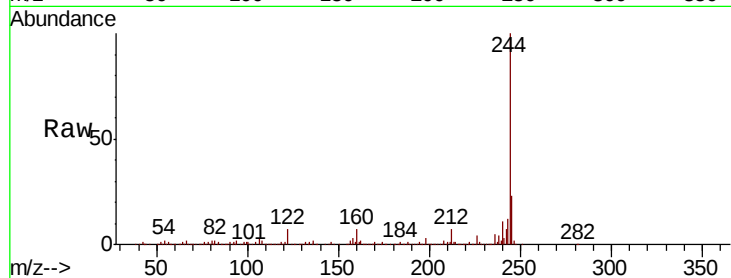
Tot Ion:244 Resp: 1398845

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

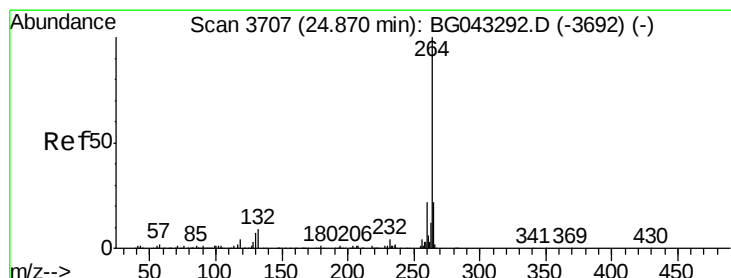
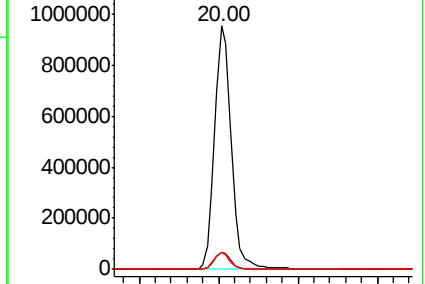
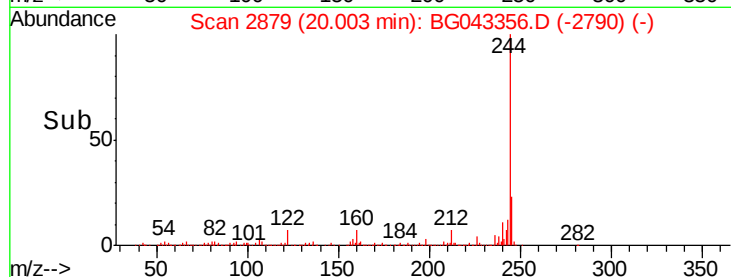
122 7.2 5.3 7.9



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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043356.D

Acq: 28 Oct 2019 18:56

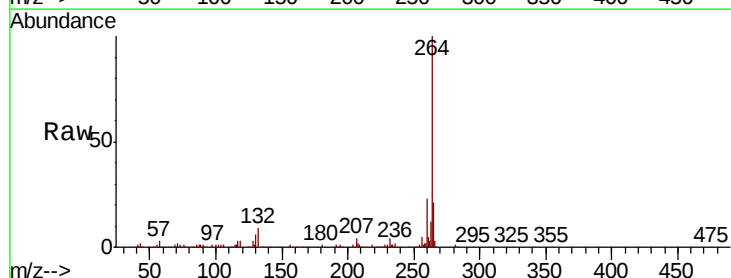
Tgt Ion:264 Resp: 339234

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.2 17.4 26.2



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

