

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044691.D
 Acq On : 6 Mar 2020 10:40
 Operator : CG/JU
 Sample : PB127120BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127120BL

Quant Time: Mar 09 10:37:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71734	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	295530	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	214582	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	522579	20.00	ng	0.00
76) Chrysene-d12	21.71	240	545482	20.00	ng	0.00
87) Perylene-d12	24.94	264	559497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	604524	126.56	ng	0.00
7) Phenol-d6	7.21	99	869277	120.40	ng	0.00
23) Nitrobenzene-d5	9.22	82	544649	83.91	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	340291	115.45	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1198579	77.81	ng	0.00
79) Terphenyl-d14	20.06	244	2147115	70.26	ng	0.00

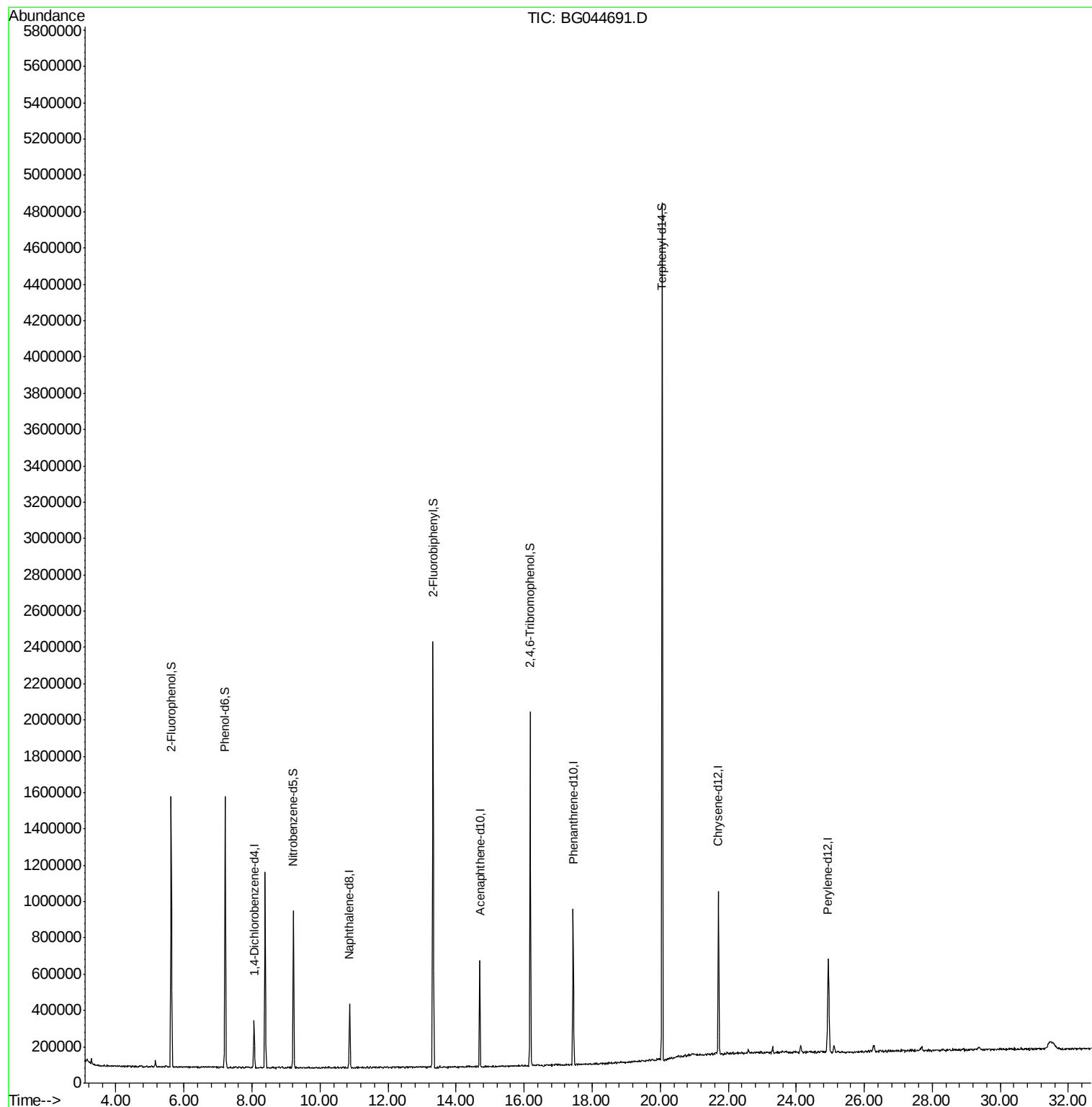
Target Compounds Qvalue

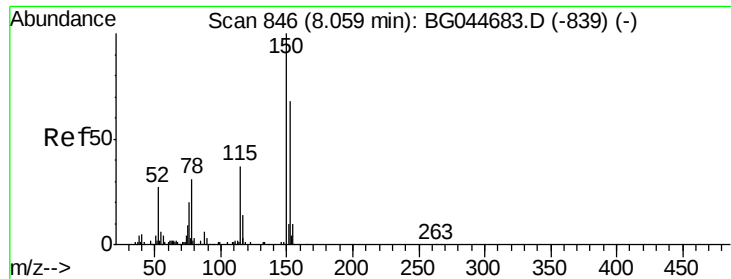
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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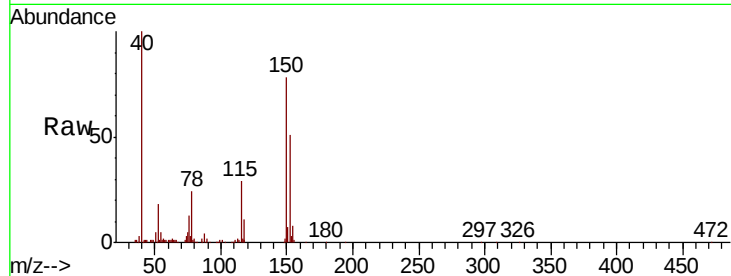


#1

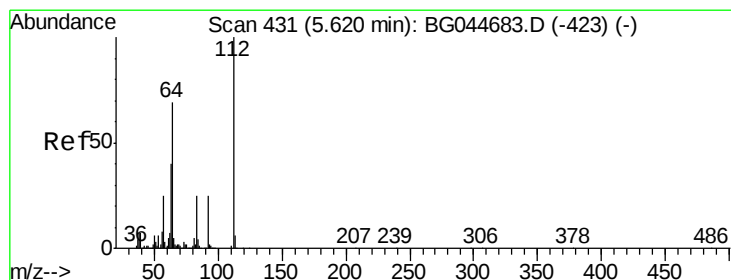
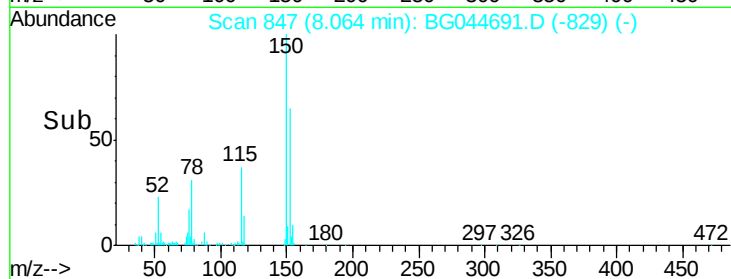
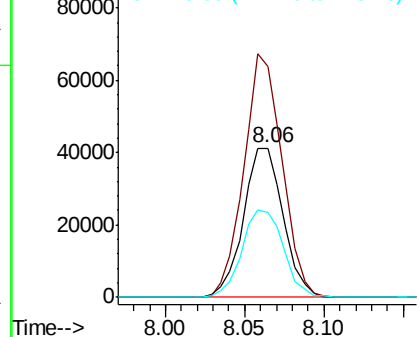
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG044691.D
Acq: 6 Mar 2020 10:40

Instrument :
BNA_G
ClientSampleId :
PB127120BL

Tot Ion:152 Resp: 71734
Ion Ratio Lower Upper
152 100
150 154.6 118.6 177.8
115 56.8 43.6 65.4



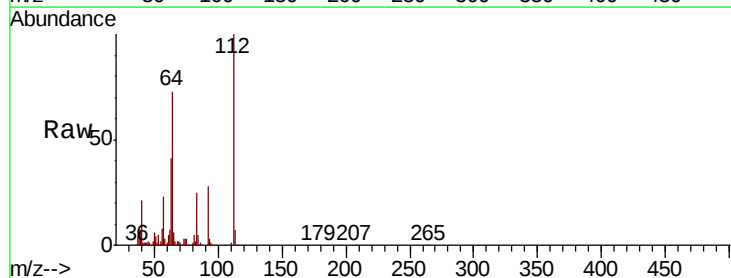
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



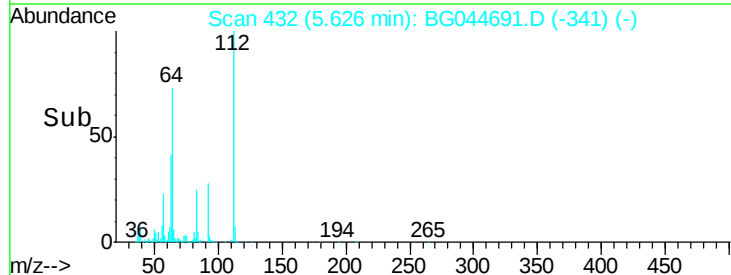
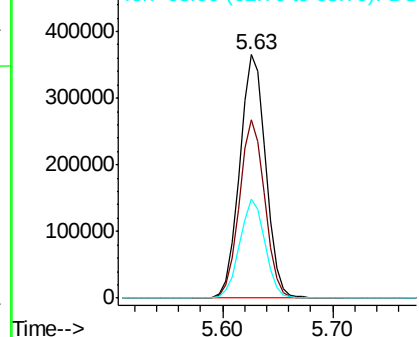
#5

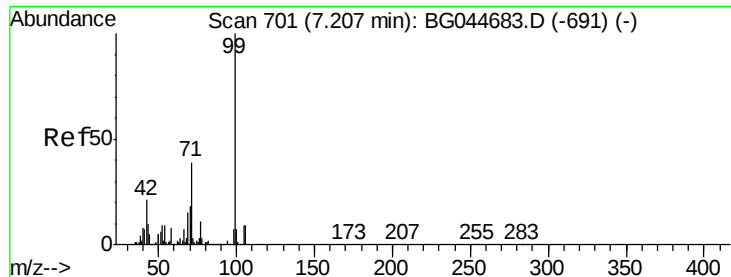
2-Fluorophenol
Concen: 126.564 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044691.D
Acq: 6 Mar 2020 10:40

Tgt Ion:112 Resp: 604524
Ion Ratio Lower Upper
112 100
64 73.2 55.4 83.0
63 40.9 32.1 48.1



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





#7

Phenol-d6

Concen: 120.402 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

Instrument :

BNA_G

ClientSampleId :

PB127120BL

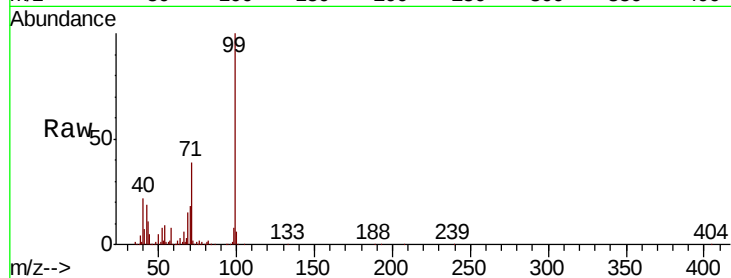
Tot Ion: 99 Resp: 869277

Ion Ratio Lower Upper

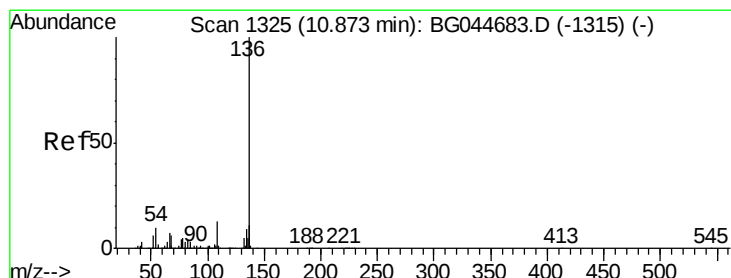
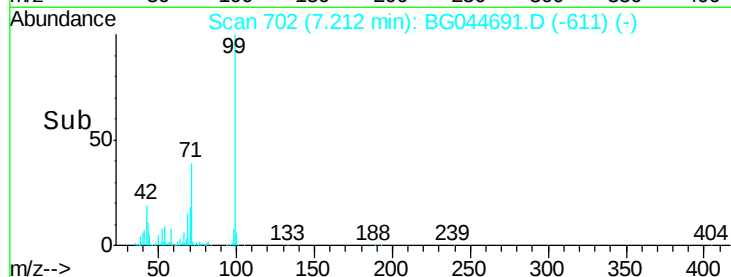
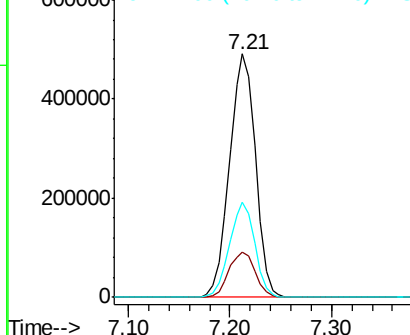
99 100

42 18.8 16.5 24.7

71 39.0 30.9 46.3



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: 10.87 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

Tgt Ion: 136 Resp: 295530

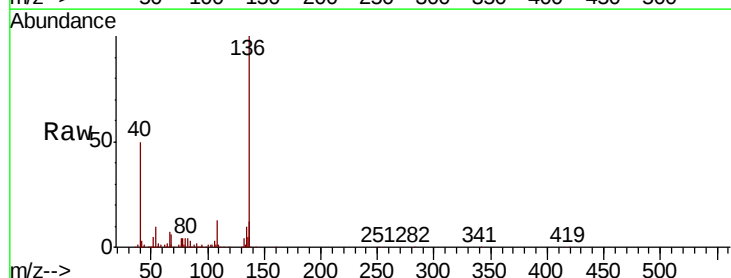
Ion Ratio Lower Upper

136 100

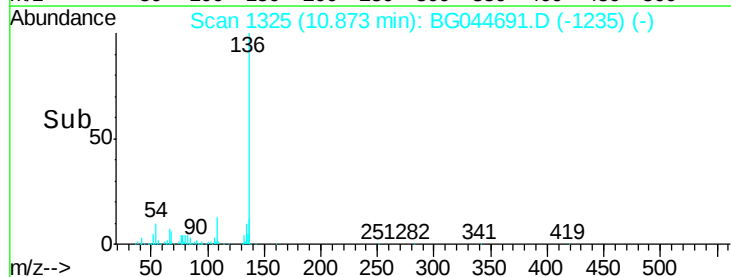
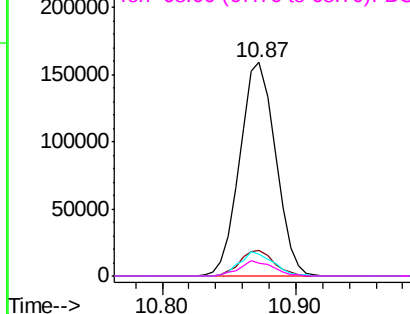
137 11.8 8.6 12.8

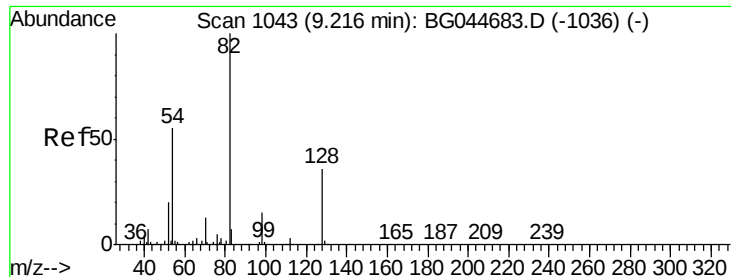
54 10.0 8.2 12.4

68 6.0 5.3 7.9



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

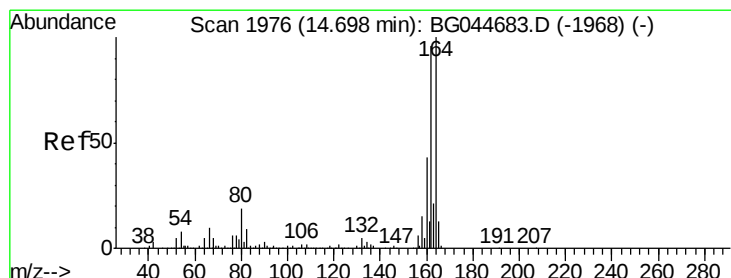
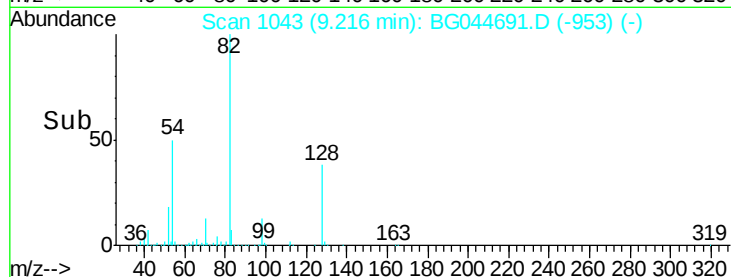
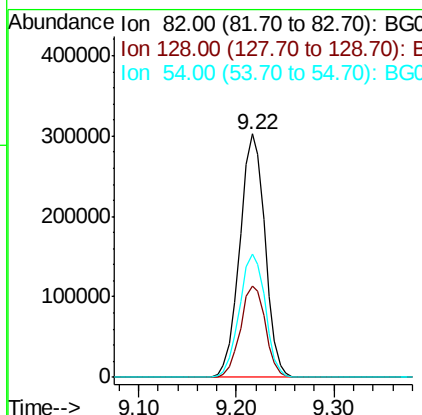
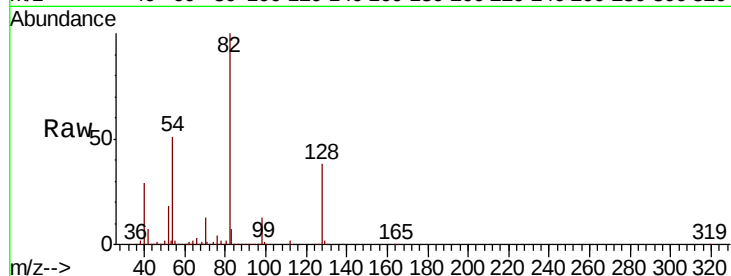




#23
 Nitrobenzene-d5
 Concen: 83.911 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044691.D
 Acq: 6 Mar 2020 10:40

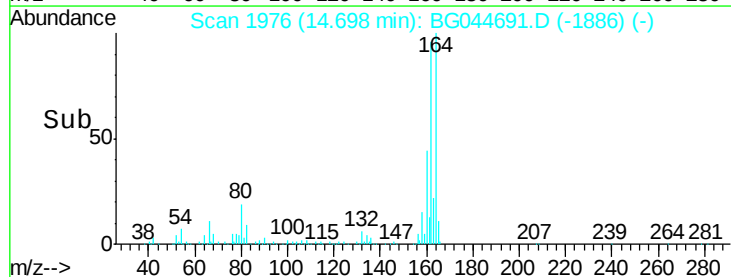
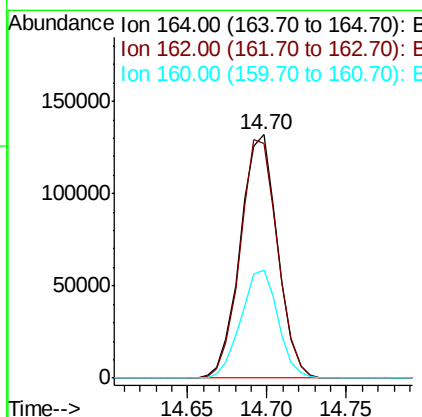
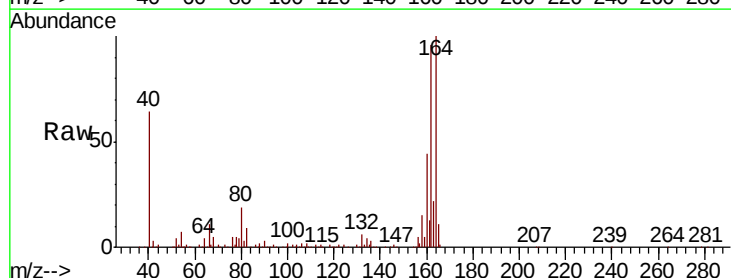
Instrument :
 BNA_G
 ClientSampleId :
 PB127120BL

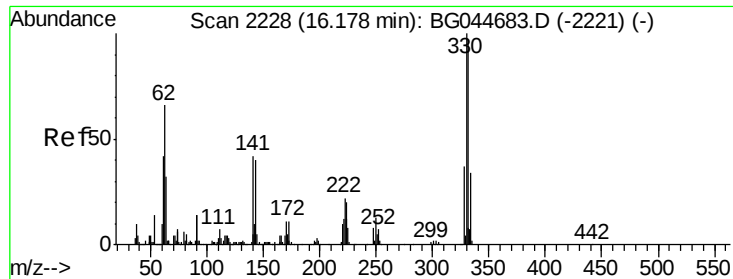
Tot Ion	82.00	Resp	544649
Ion Ratio	Lower	Upper	
82	100		
128	37.7	28.5	42.7
54	50.5	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG044691.D
 Acq: 6 Mar 2020 10:40

Tgt Ion	164	Resp	214582
Ion Ratio	Lower	Upper	
164	100		
162	96.2	76.5	114.7
160	44.1	34.8	52.2

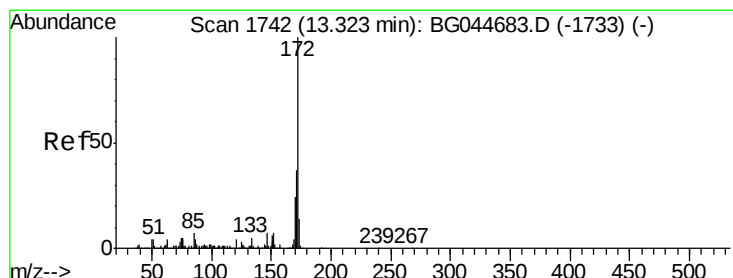
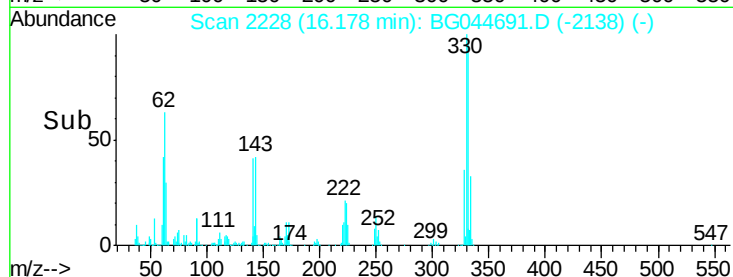
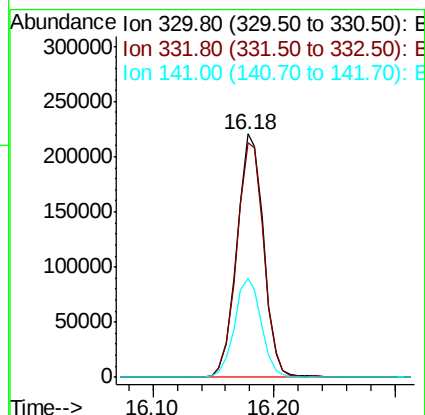
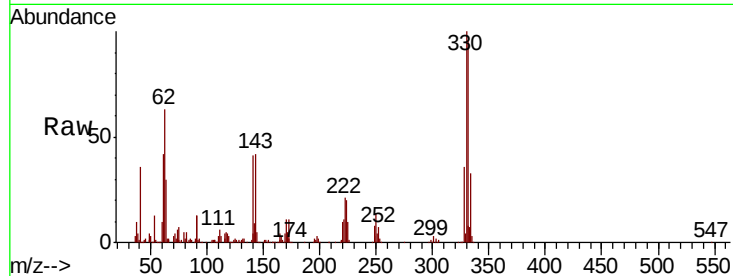




#42
 2,4,6-Tribromophenol
 Concen: 115.446 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG044691.D
 Acq: 6 Mar 2020 10:40

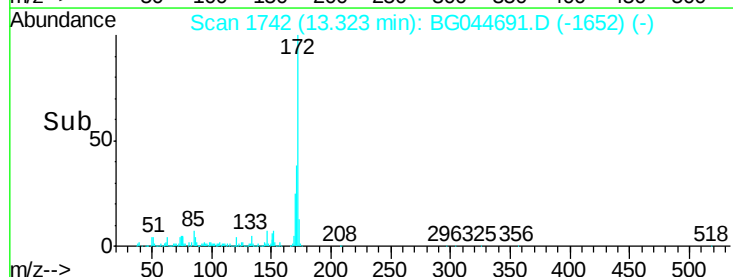
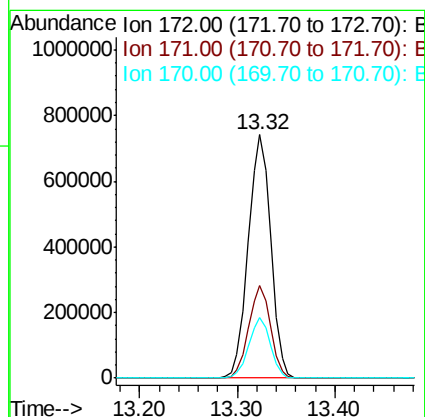
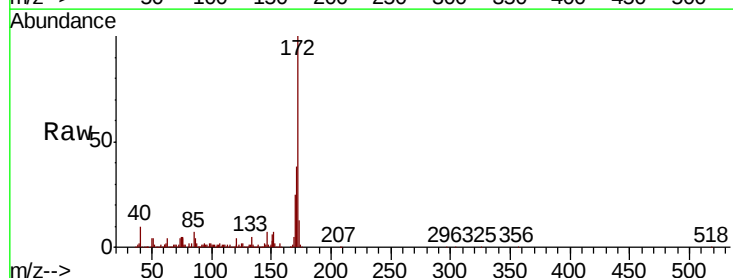
Instrument :
 BNA_G
 ClientSampleId :
 PB127120BL

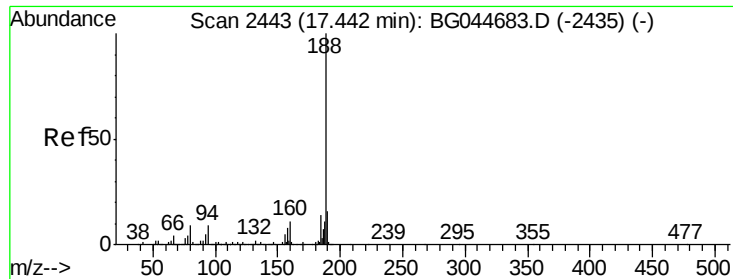
Tot Ion:330 Resp: 340291
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 40.8 32.4 48.6



#45
 2-Fluorobiphenyl
 Concen: 77.809 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG044691.D
 Acq: 6 Mar 2020 10:40

Tgt Ion:172 Resp: 1198579
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.8 44.8
 170 25.0 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

Instrument :

BNA_G

ClientSampleId :

PB127120BL

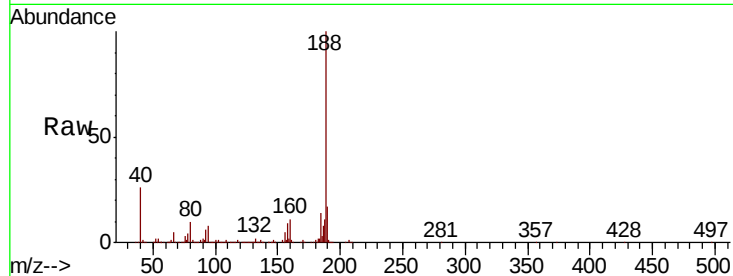
Tot Ion:188 Resp: 522579

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

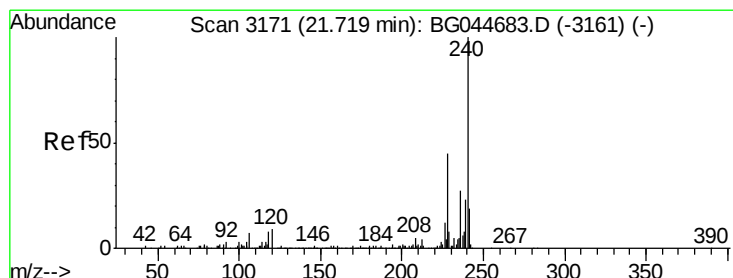
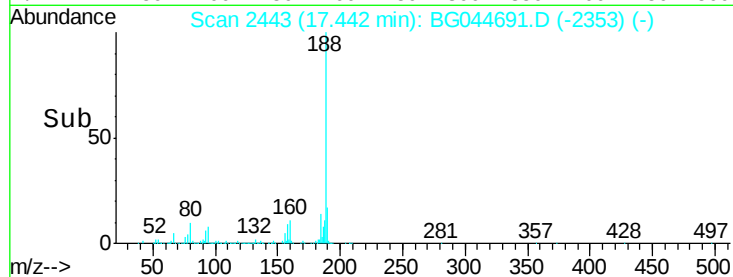
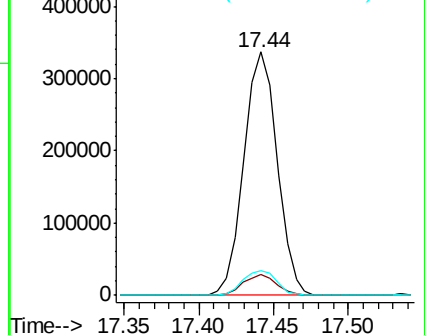
80 10.4 7.3 10.9



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

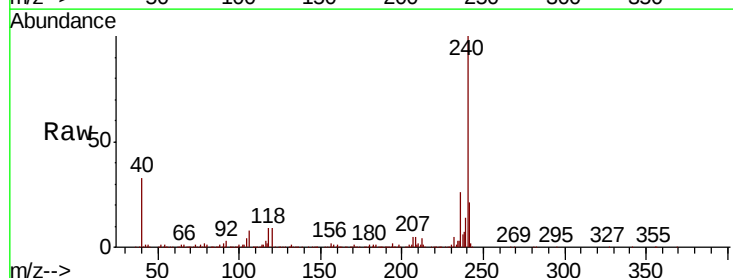
Tgt Ion:240 Resp: 545482

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

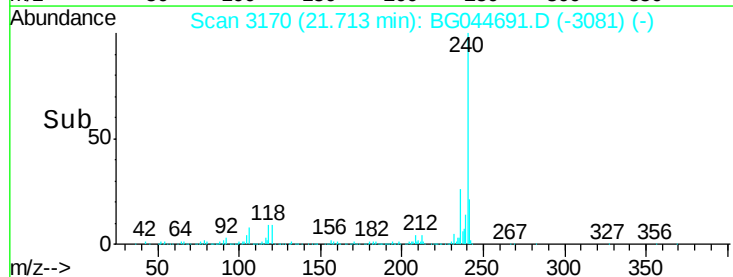
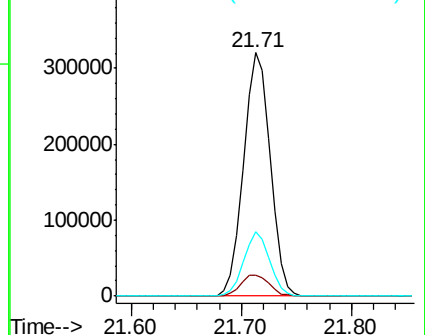
236 26.2 21.5 32.3

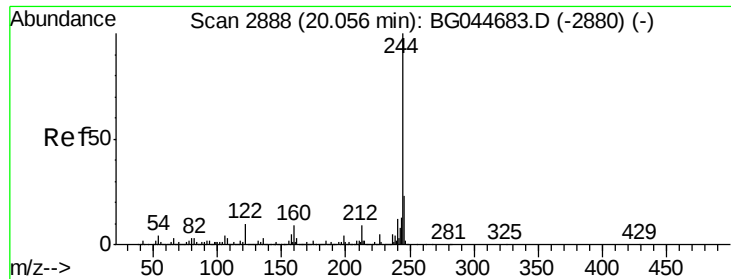


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.262 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

Instrument :

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ClientSampleId :

PB127120BL

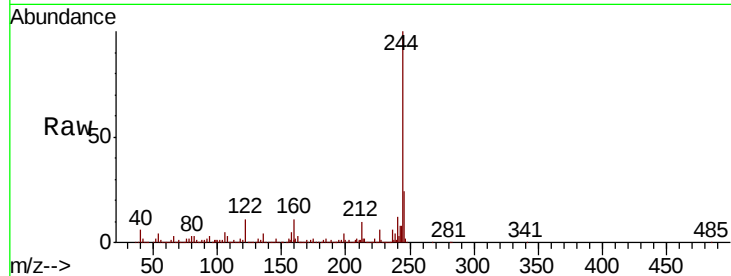
Tot Ion:244 Resp: 2147115

Ion Ratio Lower Upper

244 100

212 10.3 7.5 11.3

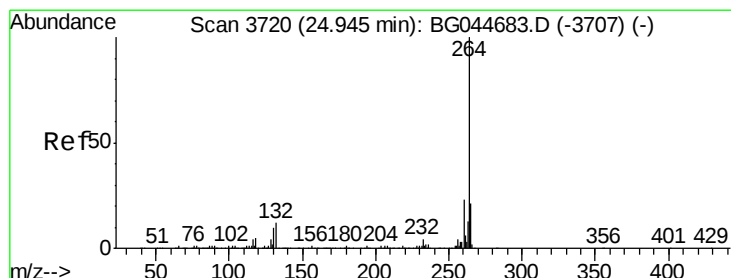
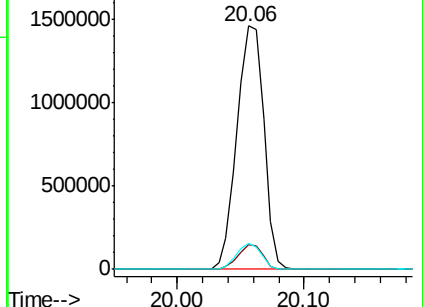
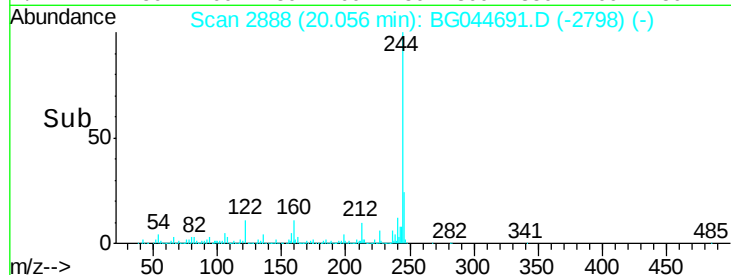
122 10.8 7.7 11.5



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: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG044691.D

Acq: 6 Mar 2020 10:40

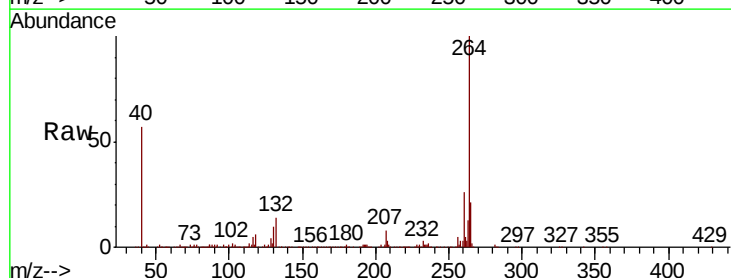
Tgt Ion:264 Resp: 559497

Ion Ratio Lower Upper

264 100

260 25.8 18.4 27.6

265 21.3 16.9 25.3



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

