

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044702.D
 Acq On : 9 Mar 2020 14:20
 Operator : CG/JU
 Sample : PB127140BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127140BL

Quant Time: Mar 09 18:59:07 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	8.07	152	90504	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	377679	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	259112	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	603104	20.00	ng	0.00
76) Chrysene-d12	21.71	240	657181	20.00	ng	0.00
87) Perylene-d12	24.93	264	665914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	757039	125.62	ng	0.00
7) Phenol-d6	7.21	99	1059982	116.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	647383	78.04	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	377772	106.14	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1425596	76.64	ng	0.00
79) Terphenyl-d14	20.05	244	2485362	67.51	ng	0.00

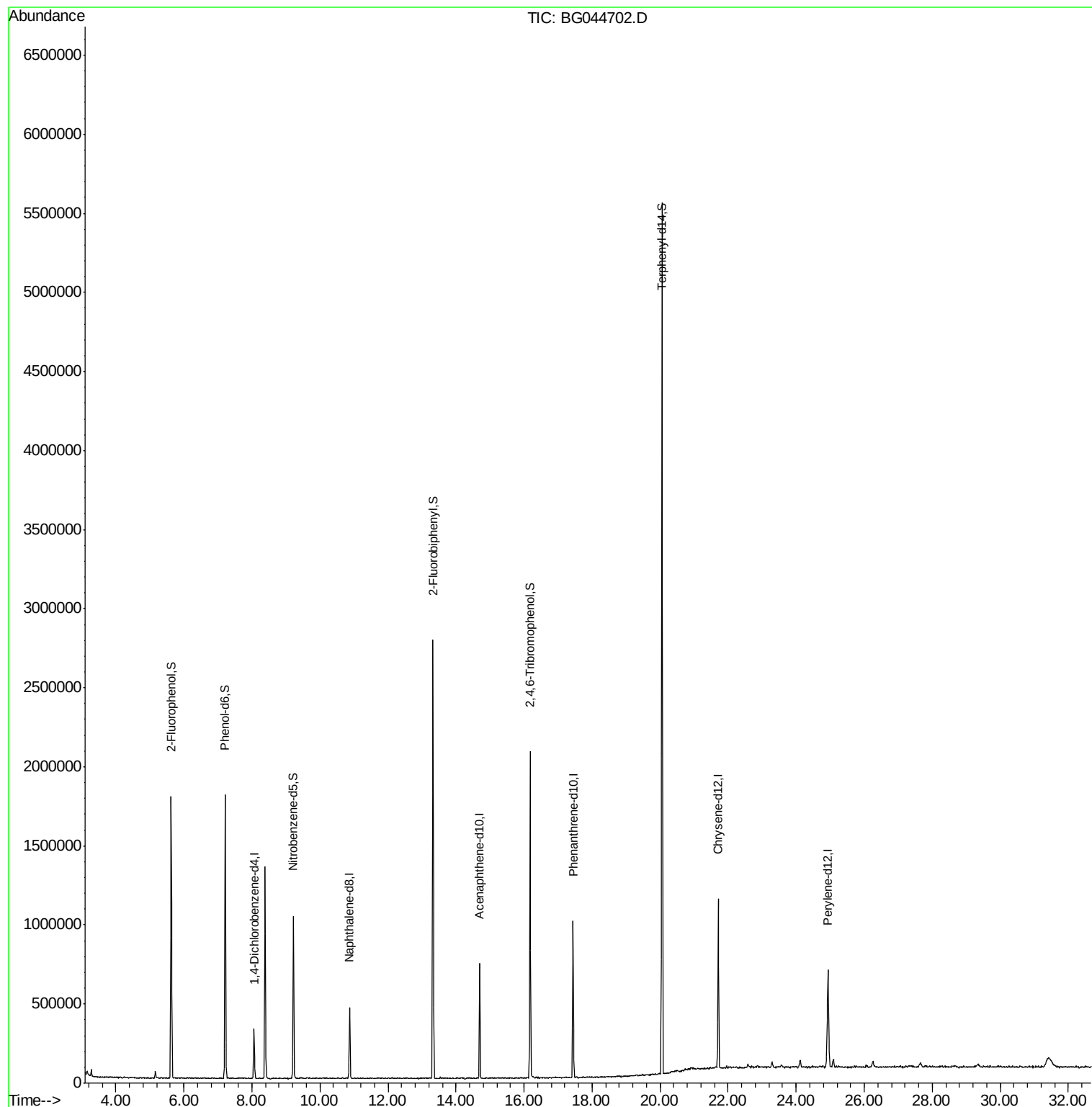
Target Compounds Qvalue

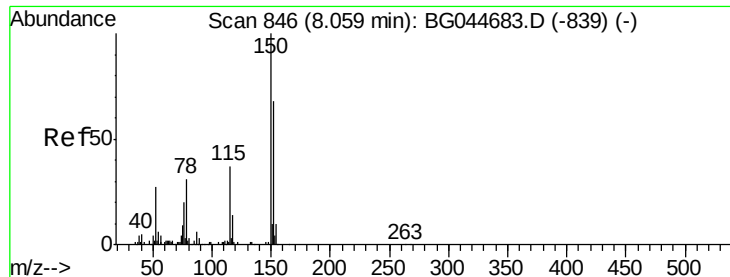
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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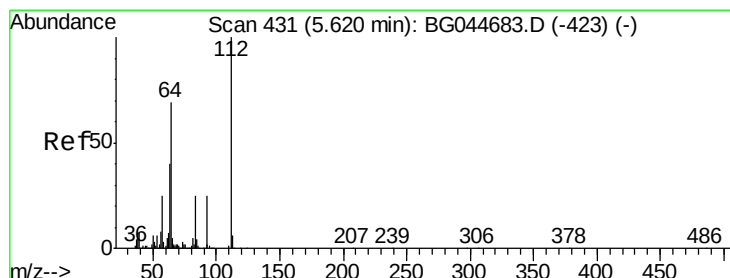
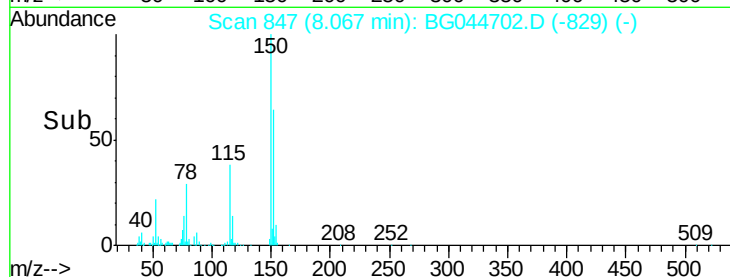
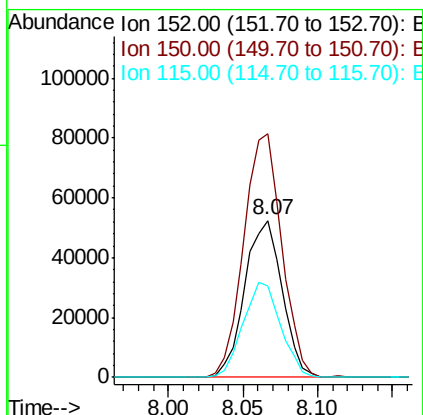
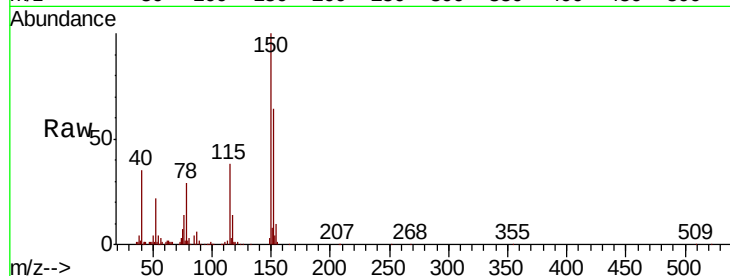


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG044702.D
Acq: 9 Mar 2020 14:20

Instrument :
BNA_G
ClientSampleId :
PB127140BL

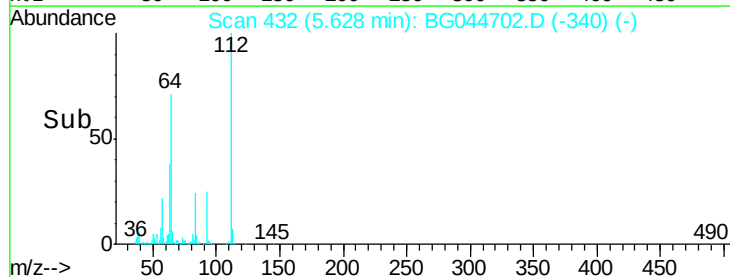
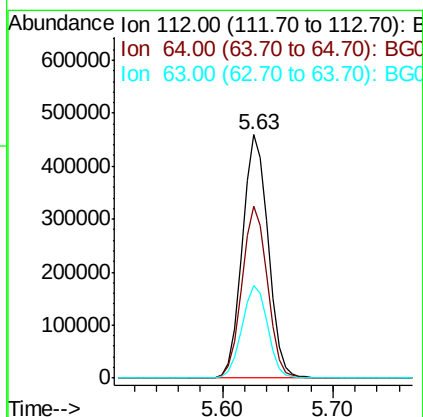
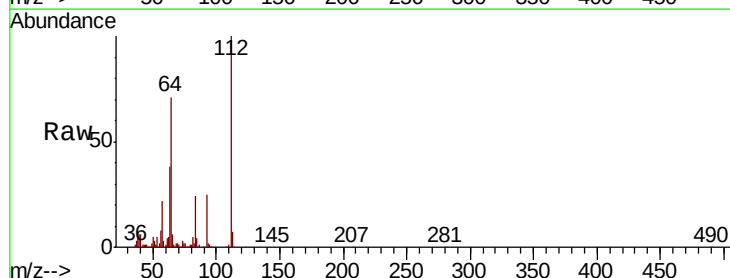
Tot Ion:152 Resp: 90504
Ion Ratio Lower Upper
152 100
150 155.2 118.6 177.8
115 58.4 43.6 65.4

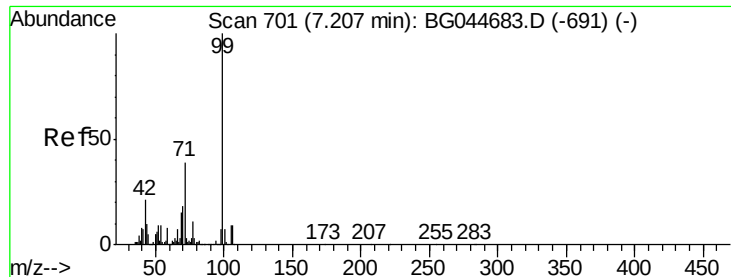


#5

2-Fluorophenol
Concen: 125.624 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044702.D
Acq: 9 Mar 2020 14:20

Tgt Ion:112 Resp: 757039
Ion Ratio Lower Upper
112 100
64 70.5 55.4 83.0
63 37.8 32.1 48.1





#7

Phenol-d6

Concen: 116.367 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

Instrument :

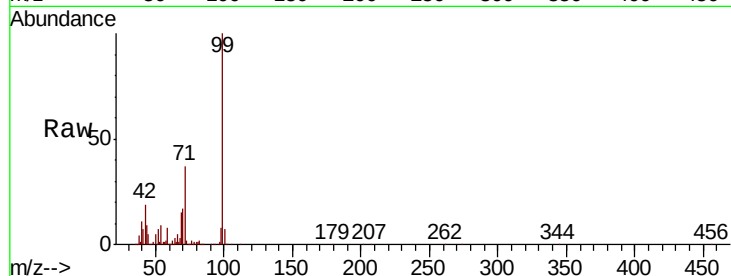
BNA_G

ClientSampleId :

PB127140BL

Tot Ion: 99 Resp: 1059982

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	37.4	30.9	46.3

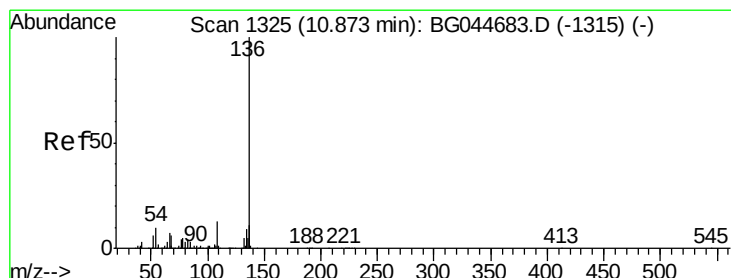
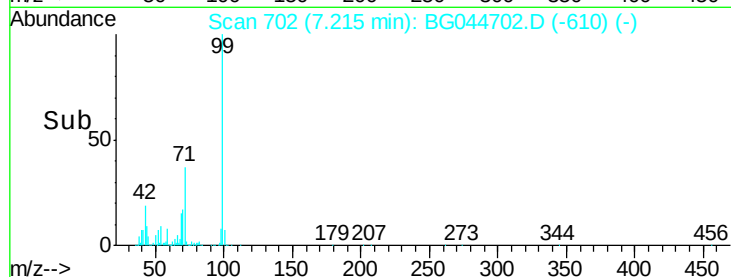
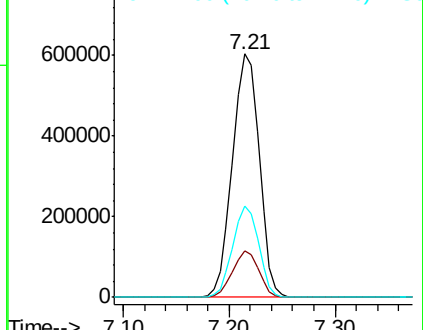


Abundance

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: 10.88 min Scan# 1325

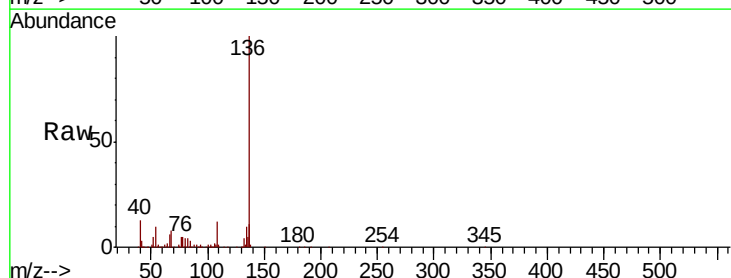
Delta R.T. 0.00 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

Tgt Ion: 136 Resp: 377679

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.2	12.4
68	7.5	5.3	7.9



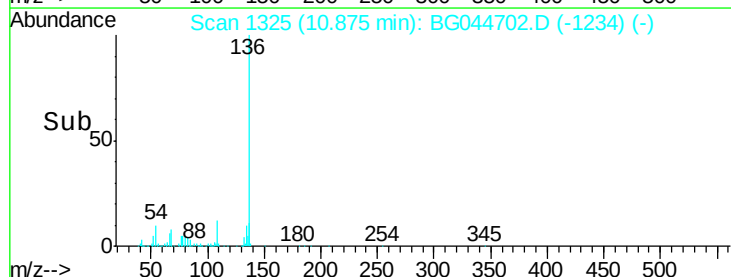
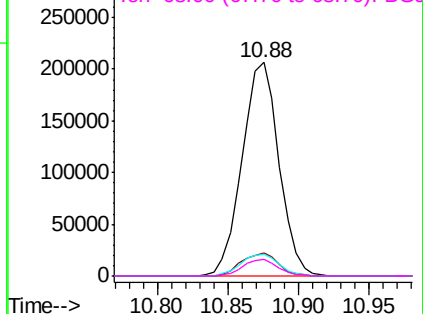
Abundance

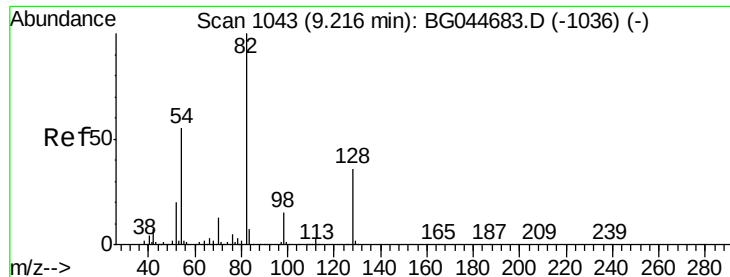
Ion 136.00 (135.70 to 136.70): BGC

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

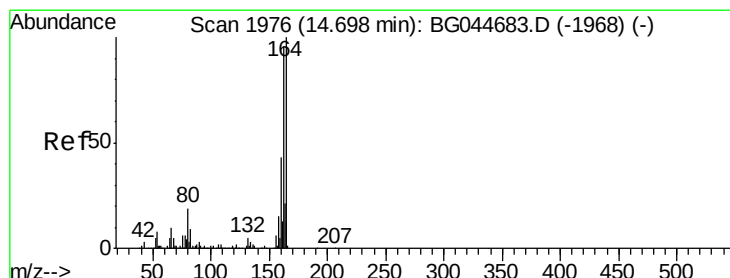
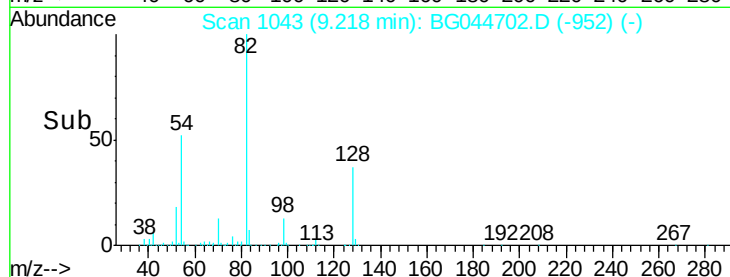
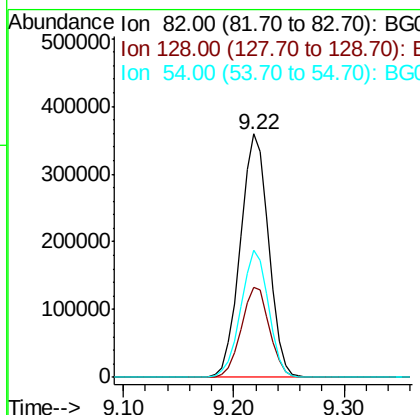
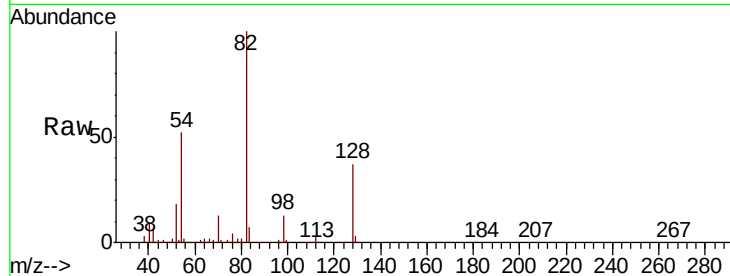




#23
 Nitrobenzene-d5
 Concen: 78.045 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044702.D
 Acq: 9 Mar 2020 14:20

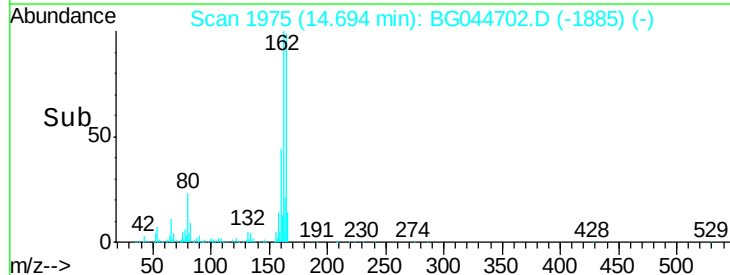
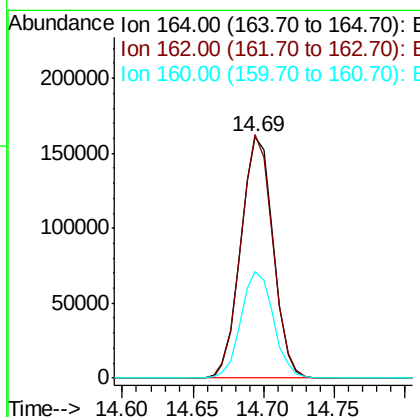
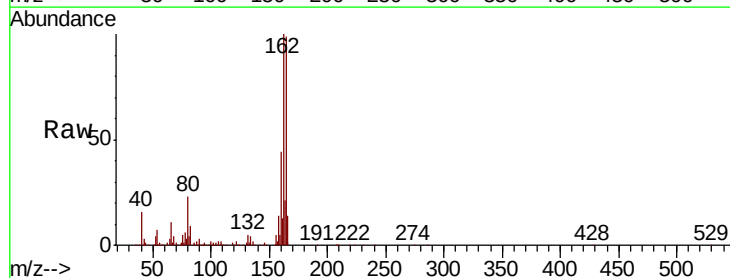
Instrument :
 BNA_G
 ClientSampleId :
 PB127140BL

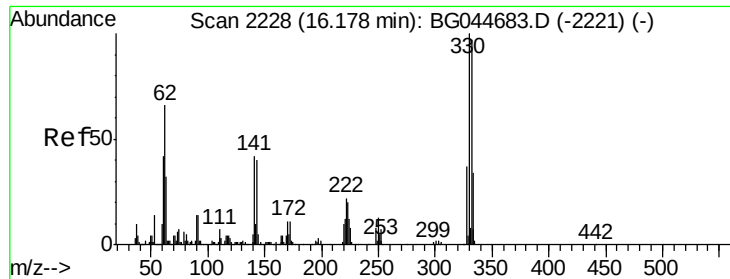
Tot Ion	82	Resp	647383
Ion Ratio	Lower	Upper	
82	100		
128	36.7	28.5	42.7
54	52.1	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG044702.D
 Acq: 9 Mar 2020 14:20

Tgt Ion	164	Resp	259112
Ion Ratio	Lower	Upper	
164	100		
162	101.0	76.5	114.7
160	44.1	34.8	52.2

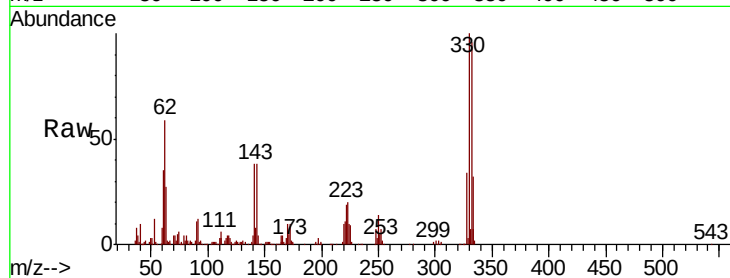




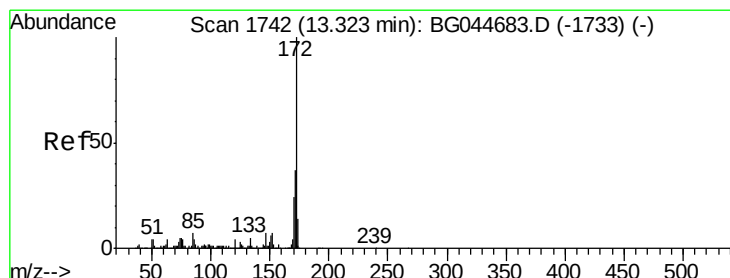
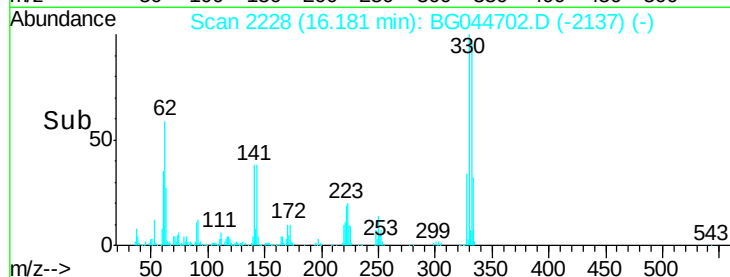
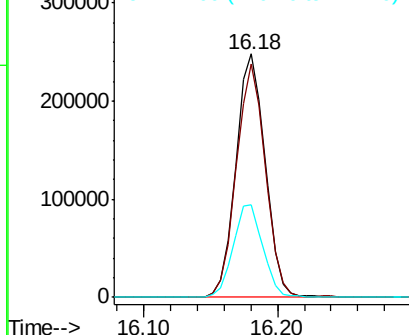
#42
 2,4,6-Tribromophenol
 Concen: 106.136 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG044702.D
 Acq: 9 Mar 2020 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB127140BL

Tot Ion:330 Resp: 377772
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 38.8 32.4 48.6

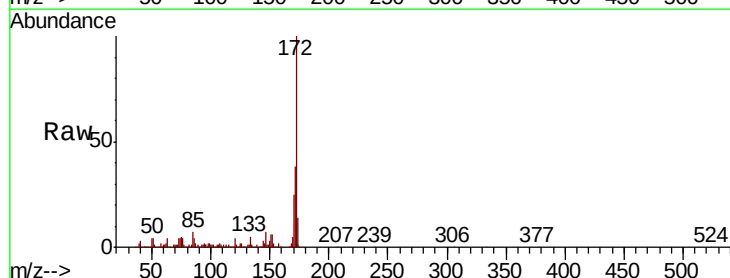


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

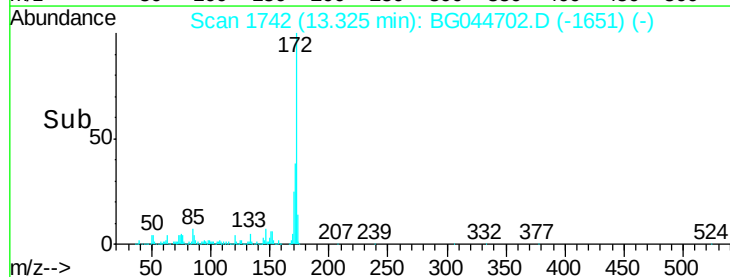
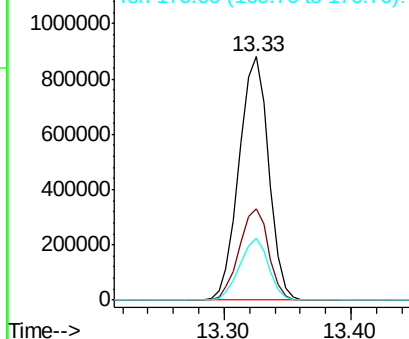


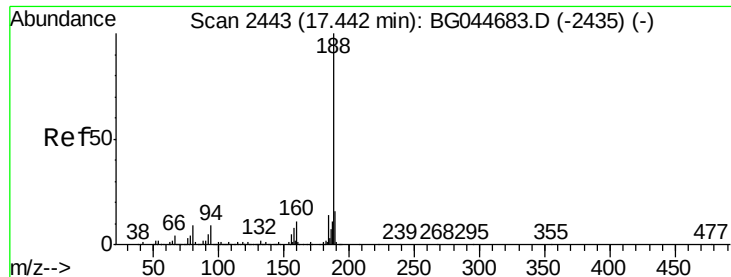
#45
 2-Fluorobiphenyl
 Concen: 76.642 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044702.D
 Acq: 9 Mar 2020 14:20

Tgt Ion:172 Resp: 1425596
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.8
 170 25.4 19.3 28.9



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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

Instrument :

BNA_G

ClientSampleId :

PB127140BL

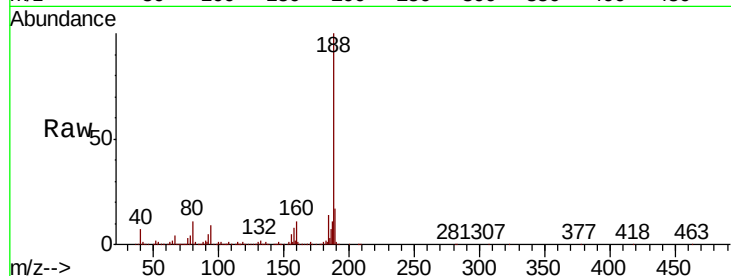
Tot Ion:188 Resp: 603104

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

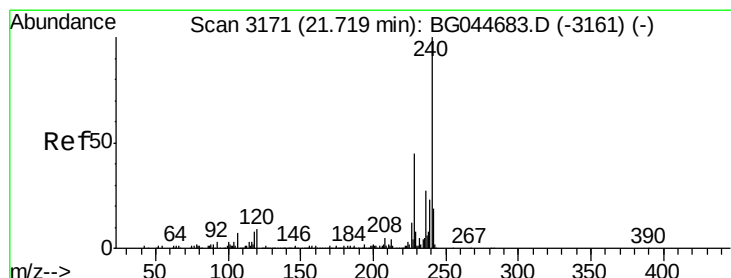
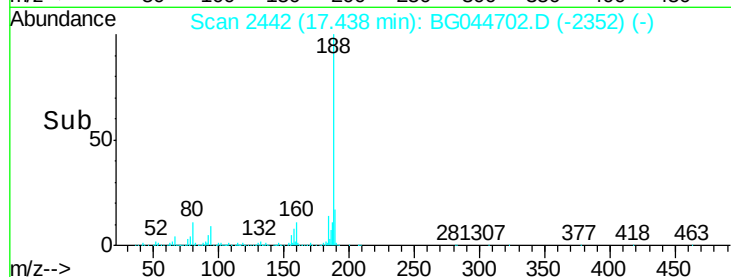
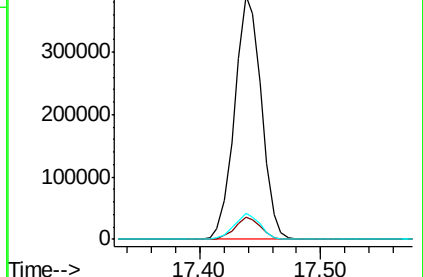
80 10.6 7.3 10.9



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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

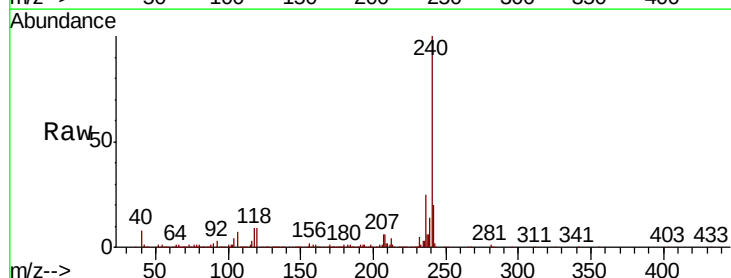
Tgt Ion:240 Resp: 657181

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

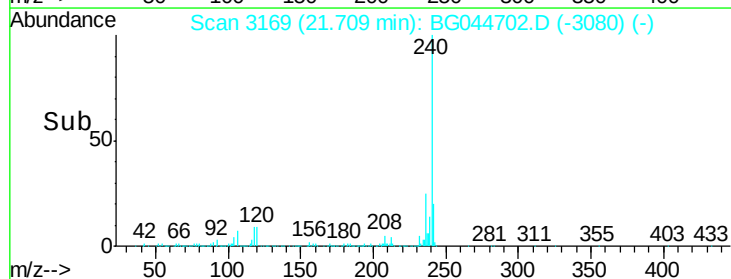
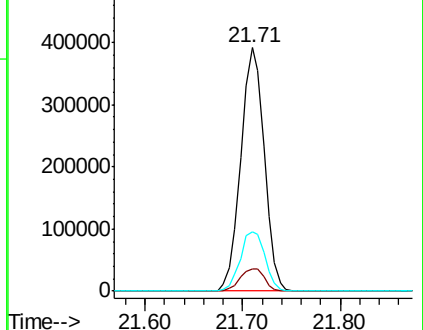
236 24.5 21.5 32.3

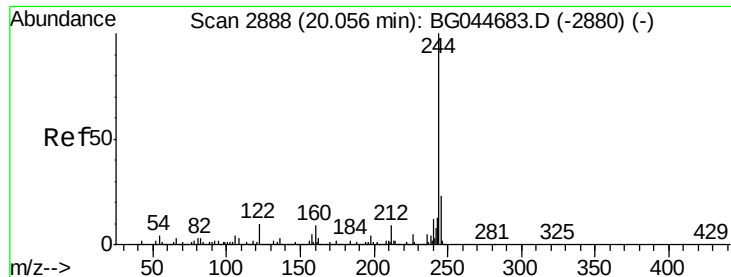


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.507 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

Instrument :

BNA_G

ClientSampleId :

PB127140BL

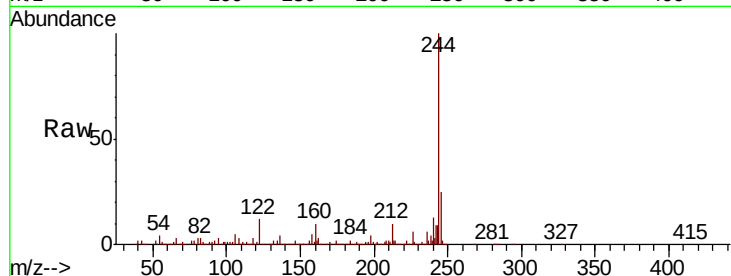
Tot Ion:244 Resp: 2485362

Ion Ratio Lower Upper

244 100

212 10.3 7.5 11.3

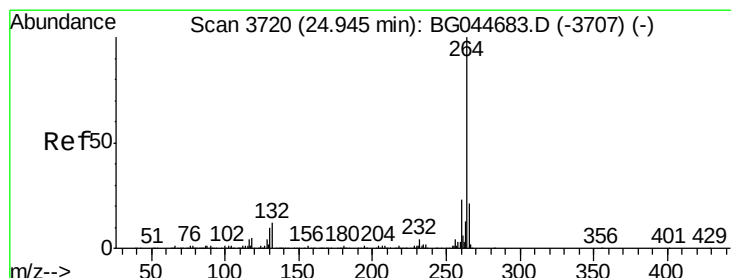
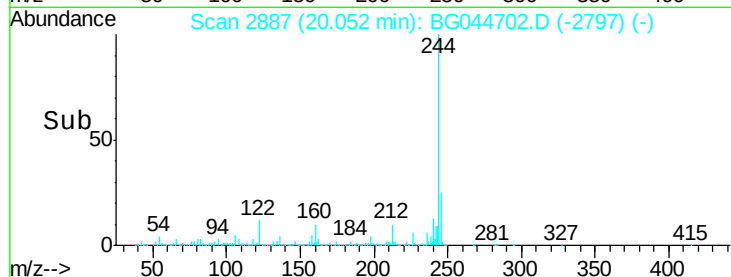
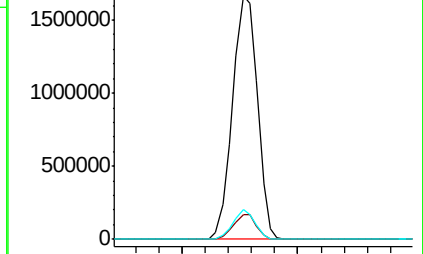
122 12.2 7.7 11.5#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG044702.D

Acq: 9 Mar 2020 14:20

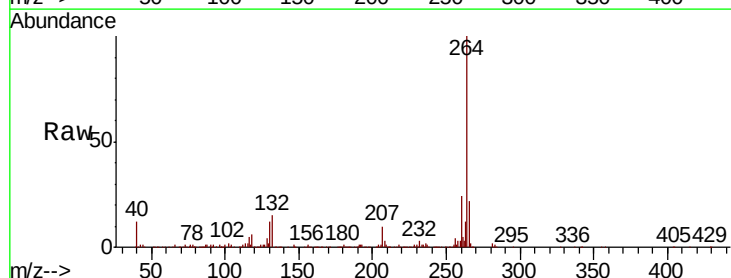
Tgt Ion:264 Resp: 665914

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.5 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

