

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044703.D
 Acq On : 9 Mar 2020 15:02
 Operator : CG/JU
 Sample : PB127145BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127145BL

Quant Time: Mar 09 19:01:25 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	86119	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	348164	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	239530	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	557406	20.00	ng	0.00
76) Chrysene-d12	21.71	240	608844	20.00	ng	-0.01
87) Perylene-d12	24.93	264	616916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	699730	122.03	ng	0.00
7) Phenol-d6	7.21	99	991142	114.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	600028	78.47	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	344368	104.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1343004	78.10	ng	0.00
79) Terphenyl-d14	20.05	244	2340506	68.62	ng	0.00

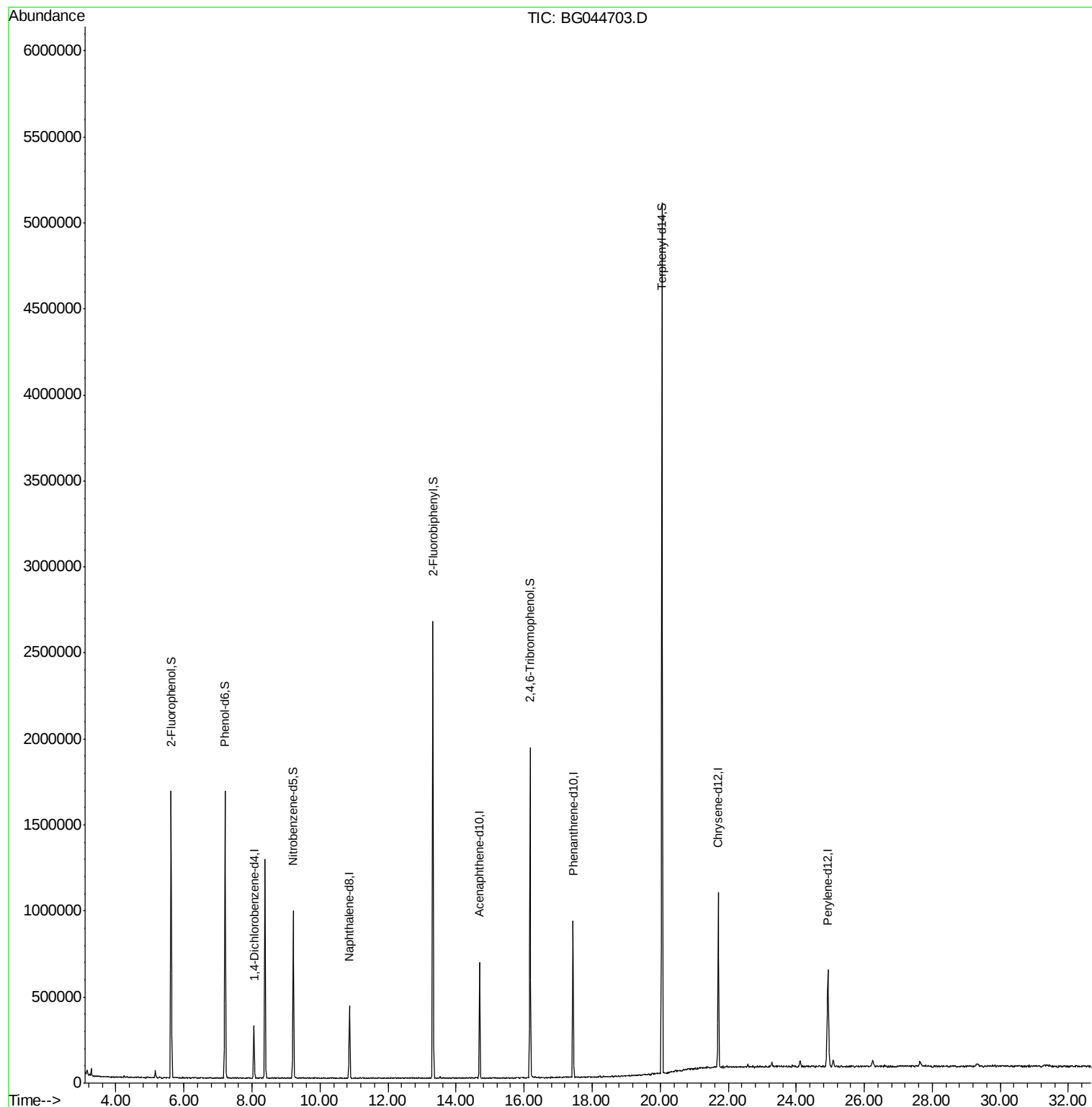
Target Compounds Qvalue

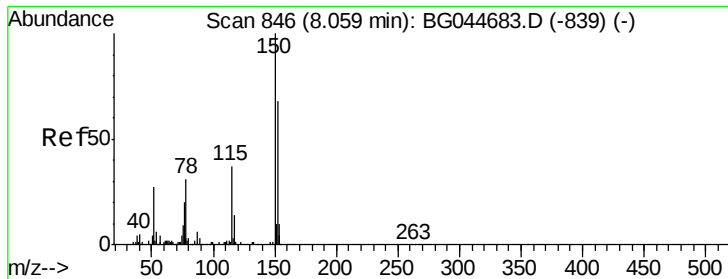
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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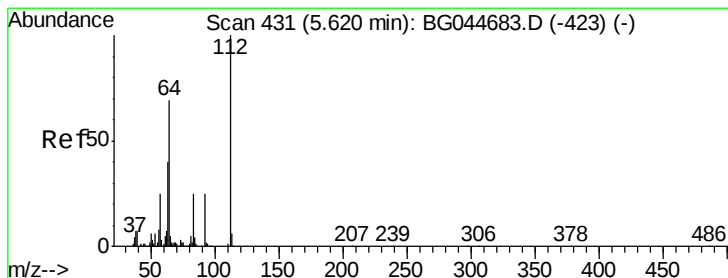
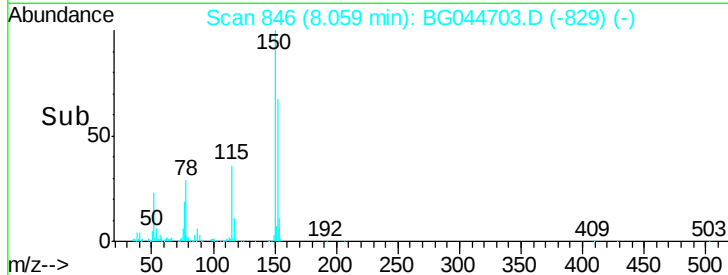
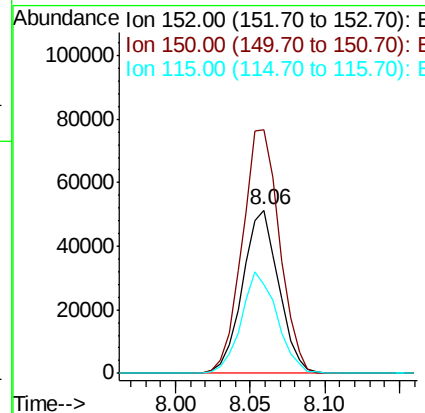
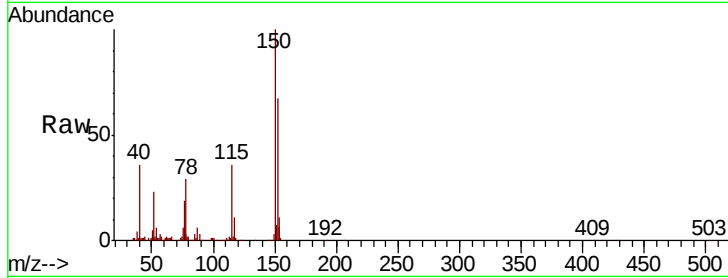


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB127145BL

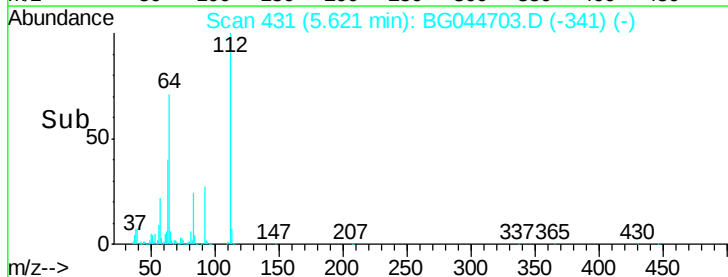
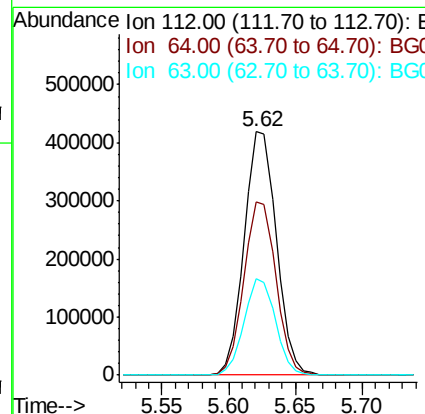
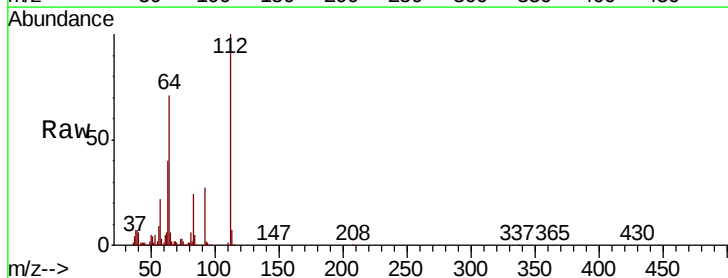
Tot Ion:152 Resp: 86119
Ion Ratio Lower Upper
152 100
150 149.2 118.6 177.8
115 54.0 43.6 65.4

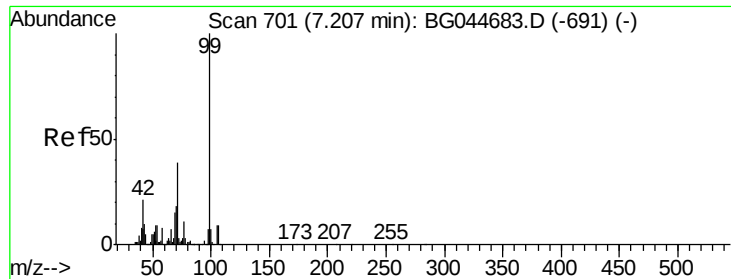


#5

2-Fluorophenol
Concen: 122.026 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

Tgt Ion:112 Resp: 699730
Ion Ratio Lower Upper
112 100
64 71.0 55.4 83.0
63 39.6 32.1 48.1





#7

Phenol-d6

Concen: 114.350 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044703.D

Acq: 9 Mar 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB127145BL

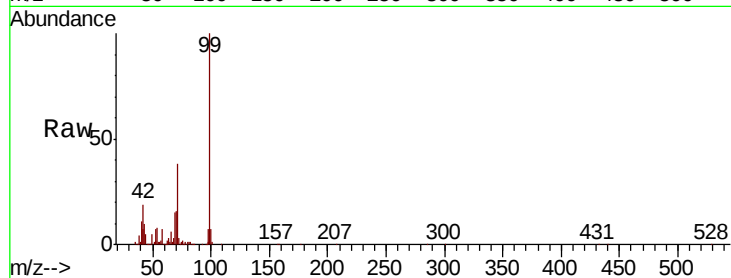
Tot Ion: 99 Resp: 991142

Ion Ratio Lower Upper

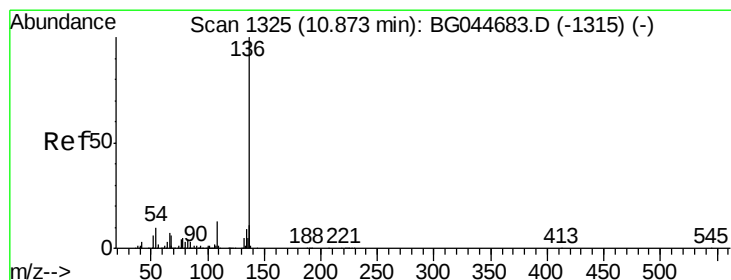
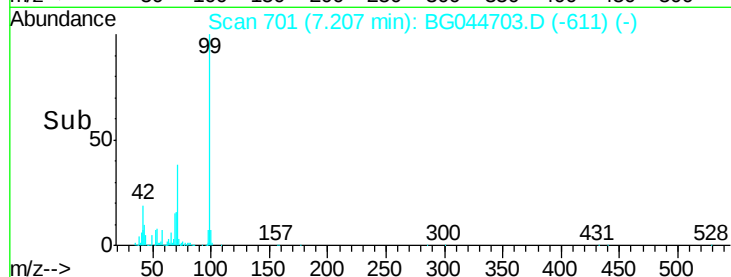
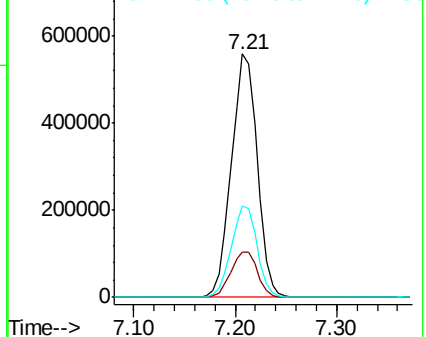
99 100

42 18.7 16.5 24.7

71 37.7 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# 1324

Delta R.T. -0.01 min

Lab File: BG044703.D

Acq: 9 Mar 2020 15:02

Tgt Ion: 136 Resp: 348164

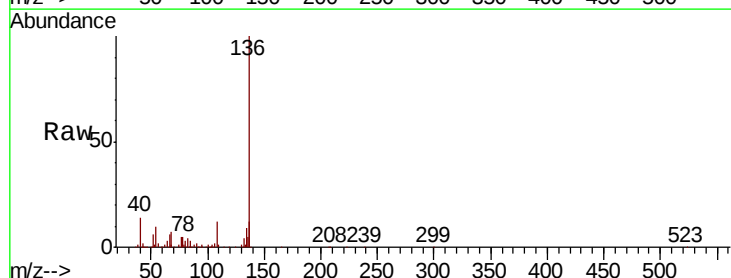
Ion Ratio Lower Upper

136 100

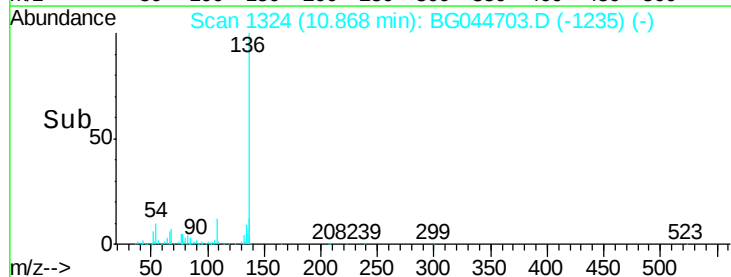
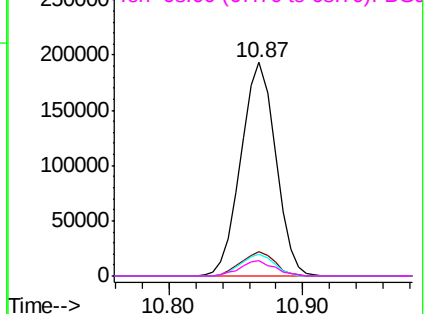
137 11.6 8.6 12.8

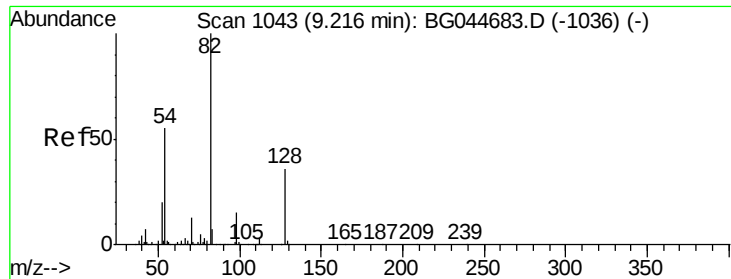
54 10.2 8.2 12.4

68 7.4 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

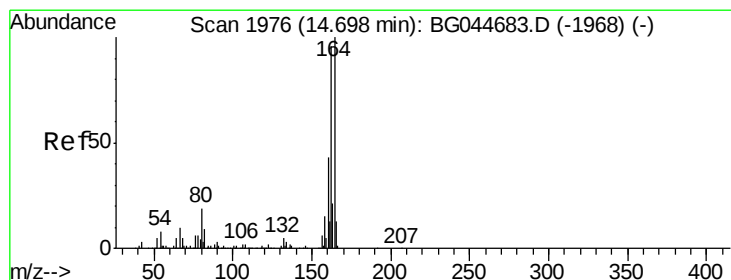
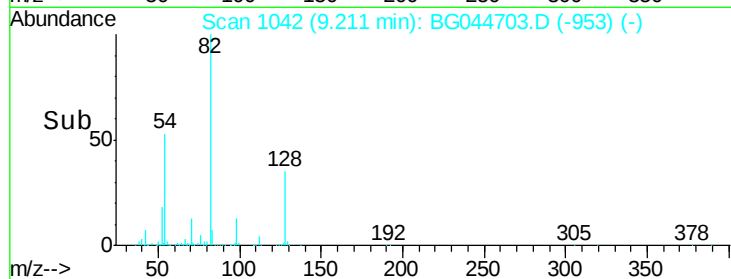
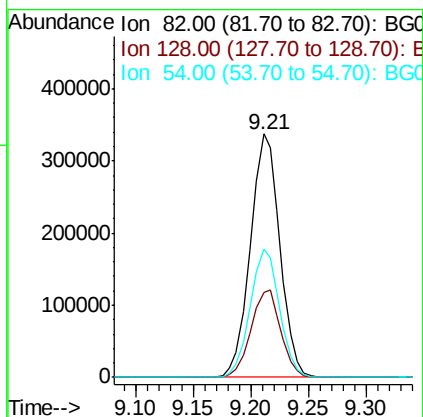
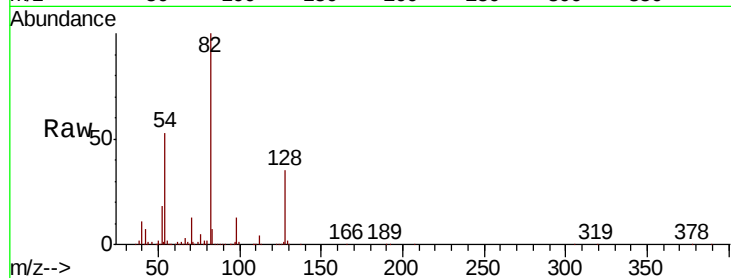




#23
Nitrobenzene-d5
Concen: 78.468 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

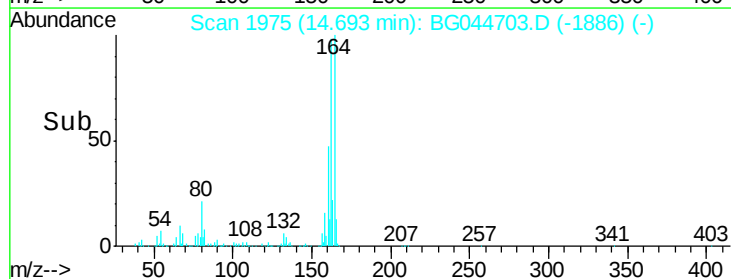
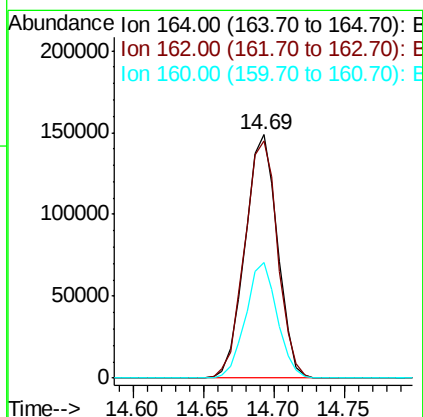
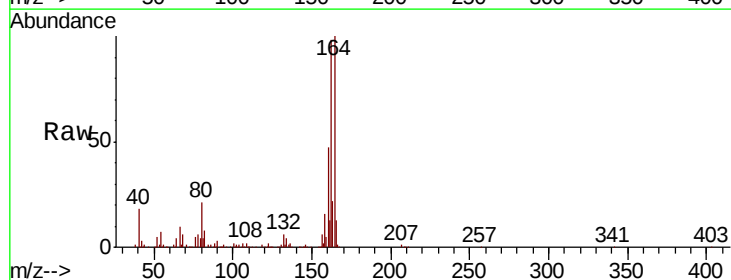
Instrument :
BNA_G
ClientSampleId :
PB127145BL

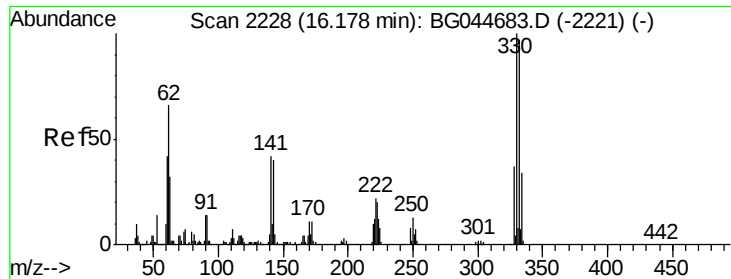
Tot Ion: 82 Resp: 600028
Ion Ratio Lower Upper
82 100
128 35.1 28.5 42.7
54 52.9 43.6 65.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

Tgt Ion: 164 Resp: 239530
Ion Ratio Lower Upper
164 100
162 97.7 76.5 114.7
160 47.5 34.8 52.2

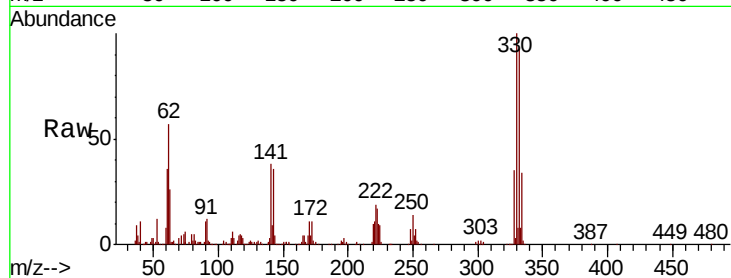




#42
 2,4,6-Tribromophenol
 Concen: 104.661 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG044703.D
 Acq: 9 Mar 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127145BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.1	32.4	48.6

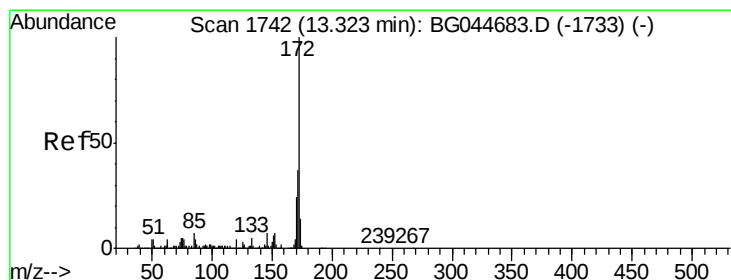
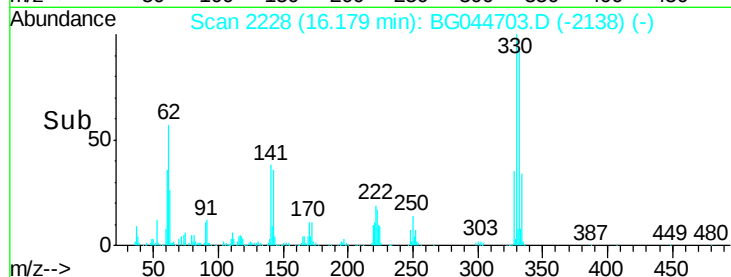
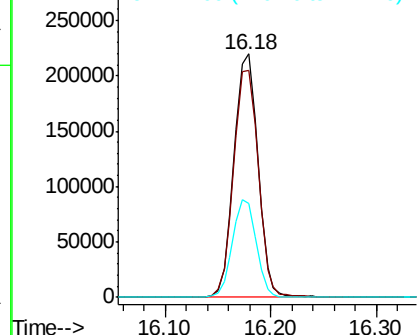


Abundance

Ion 329.80 (329.50 to 330.50): E

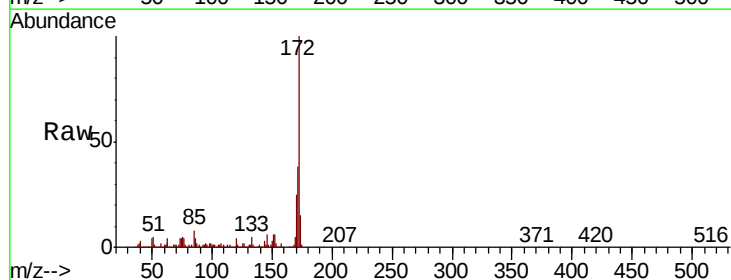
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.104 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG044703.D
 Acq: 9 Mar 2020 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.8	44.8
170	25.1	19.3	28.9

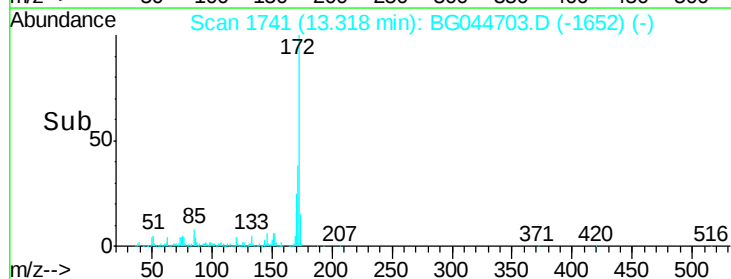
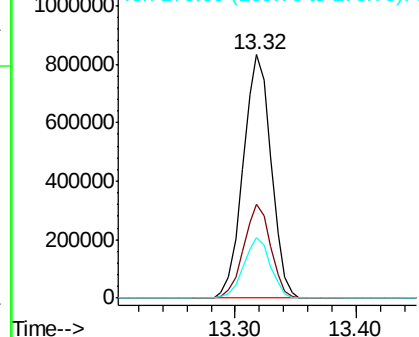


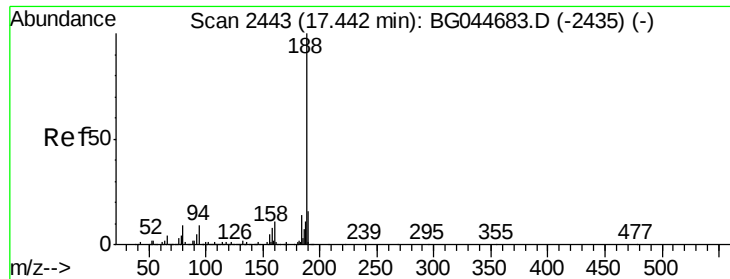
Abundance

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

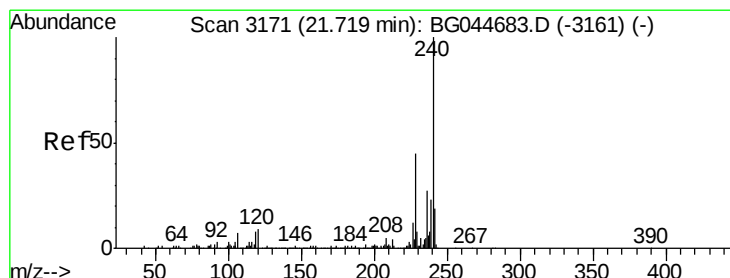
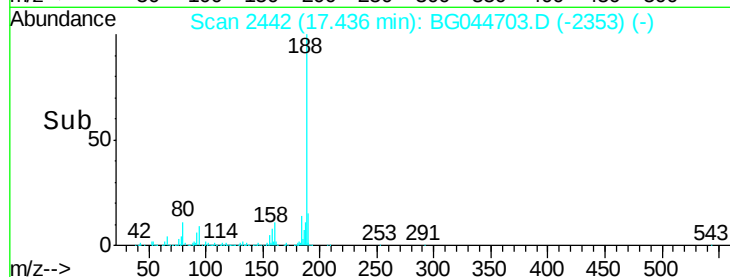
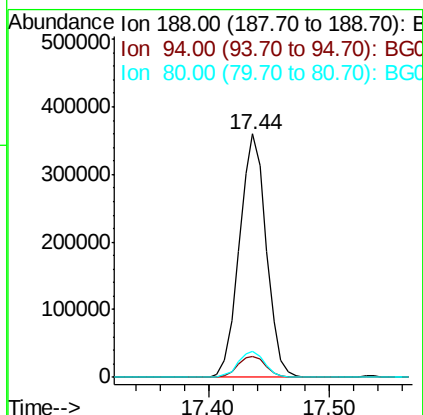
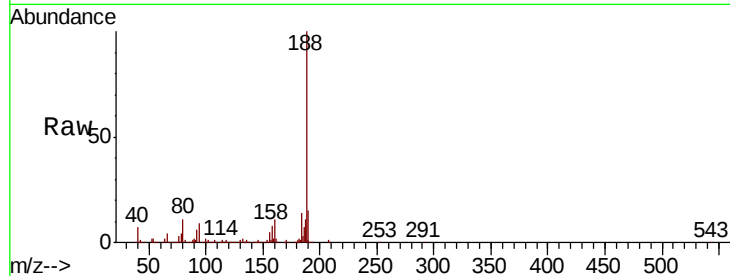




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

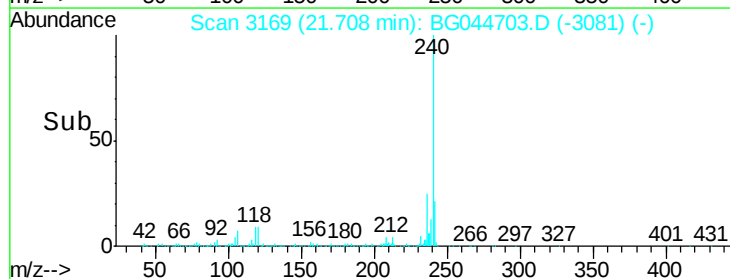
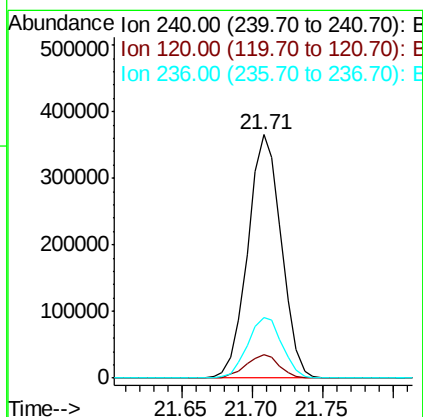
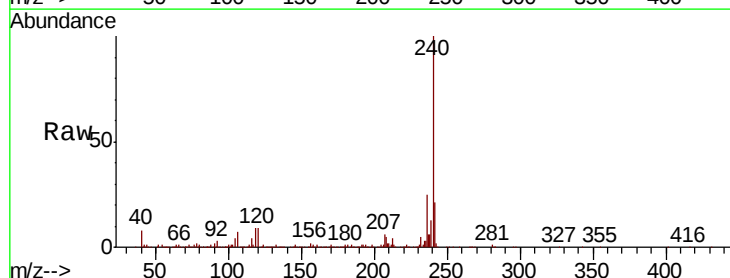
Instrument :
BNA_G
ClientSampleId :
PB127145BL

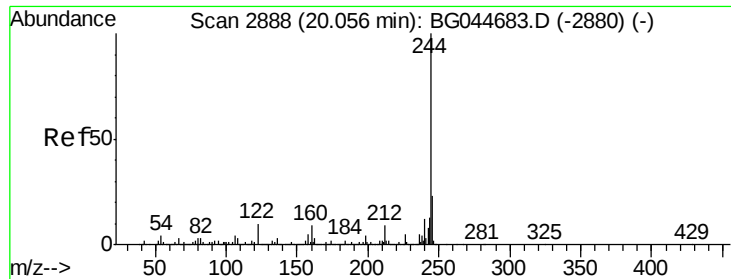
Tot Ion:188 Resp: 557406
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG044703.D
Acq: 9 Mar 2020 15:02

Tgt Ion:240 Resp: 608844
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 24.8 21.5 32.3





#79

Terphenyl-d14

Concen: 68.619 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG044703.D

Acq: 9 Mar 2020 15:02

Instrument :

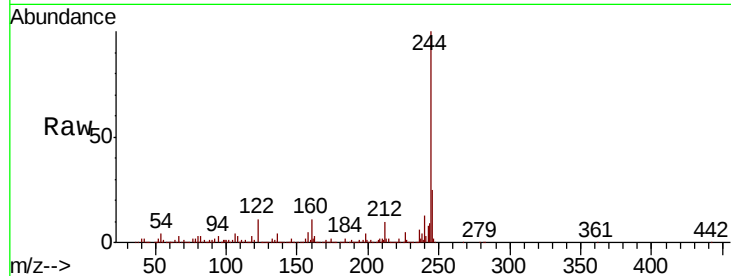
BNA_G

ClientSampleId :

PB127145BL

Tot Ion:244 Resp: 2340506

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.5	11.3
122	11.3	7.7	11.5

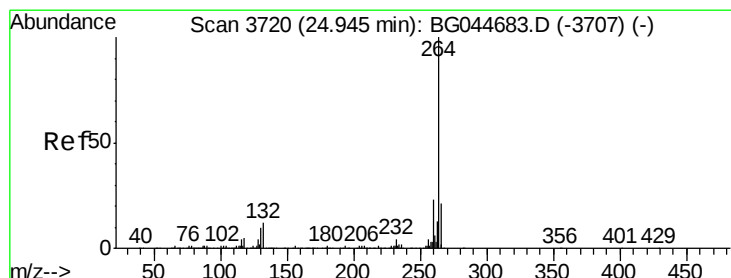
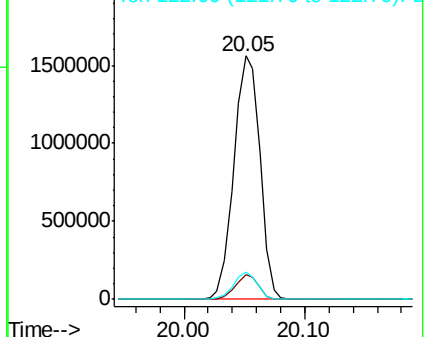
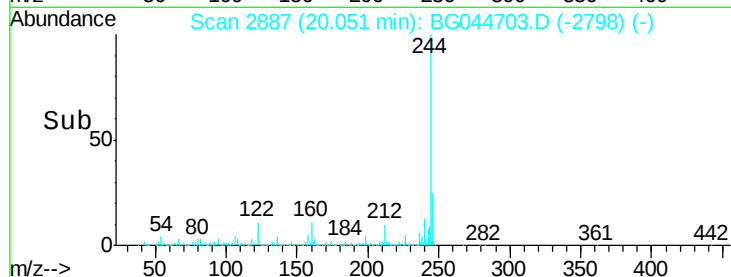


Abundance

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: 20.000 ng

RT: 24.93 min Scan# 3718

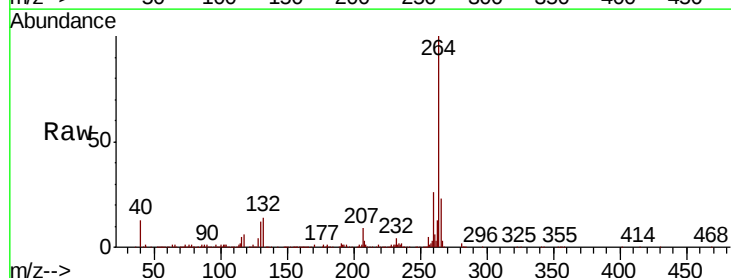
Delta R.T. -0.01 min

Lab File: BG044703.D

Acq: 9 Mar 2020 15:02

Tgt Ion:264 Resp: 616916

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.9	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

