

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044802.D
 Acq On : 14 Mar 2020 19:41
 Operator : CG/JU
 Sample : PB127536BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BL

Quant Time: Mar 16 04:09:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97501	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	407170	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	264913	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	552649	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	500031	20.00	ng	-0.02
87) Perylene-d12	24.92	264	552932	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	692215	110.52	ng	0.00
7) Phenol-d6	7.21	99	977038	107.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	664996	71.67	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	379952	109.54	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1372887	74.21	ng	-0.01
79) Terphenyl-d14	20.04	244	2001353	74.87	ng	-0.01

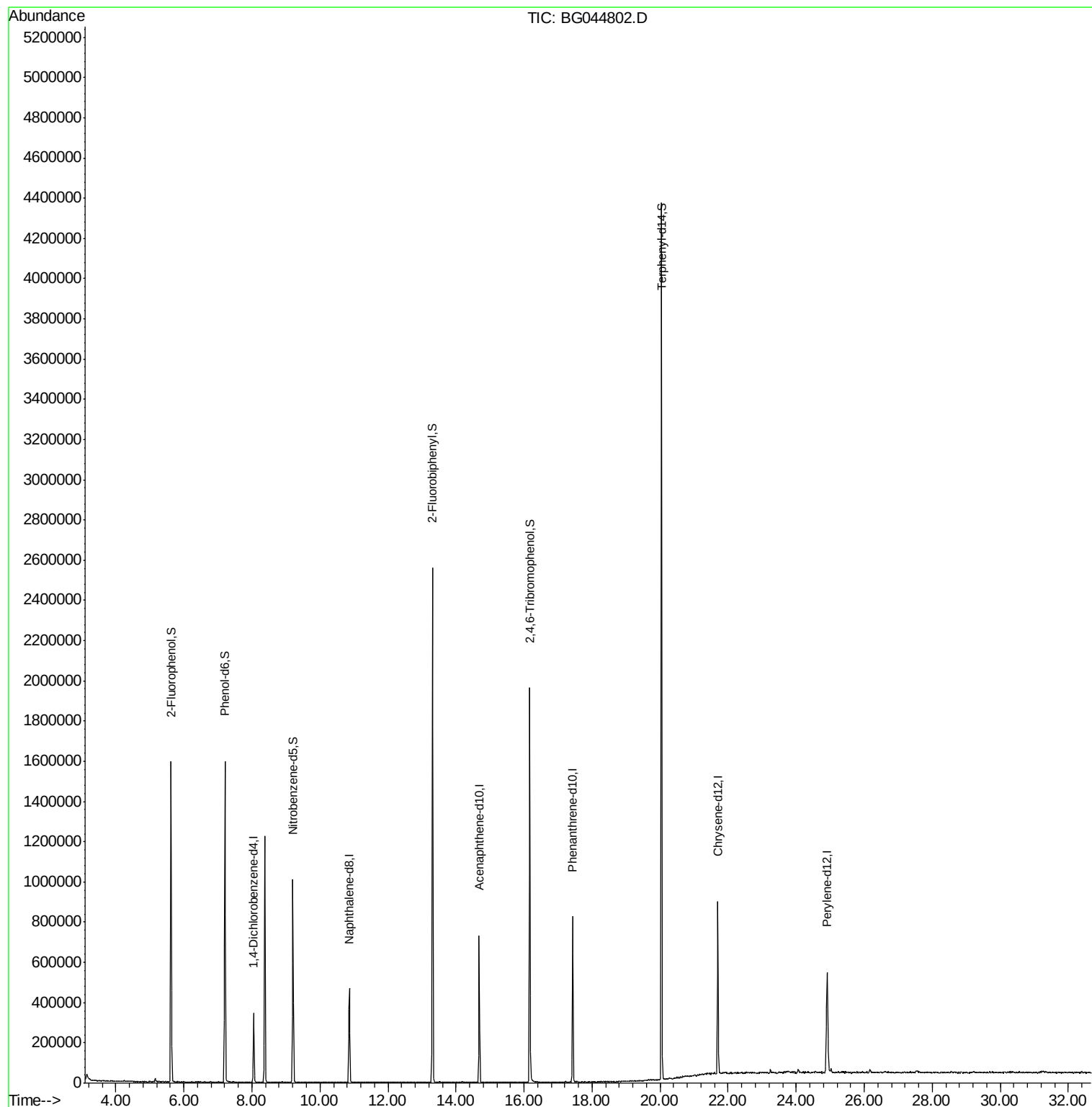
Target Compounds Qvalue

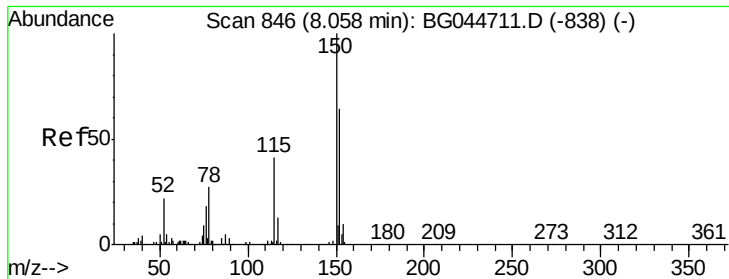
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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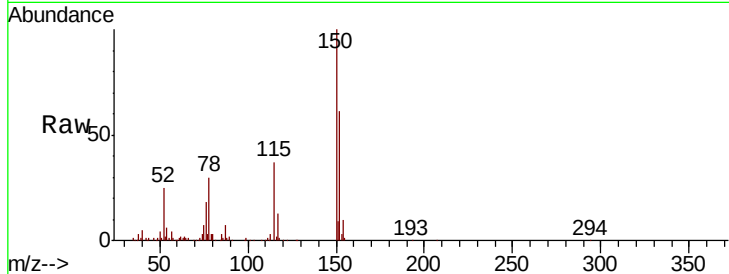


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	125.3	187.9
115	61.4	51.7	77.5

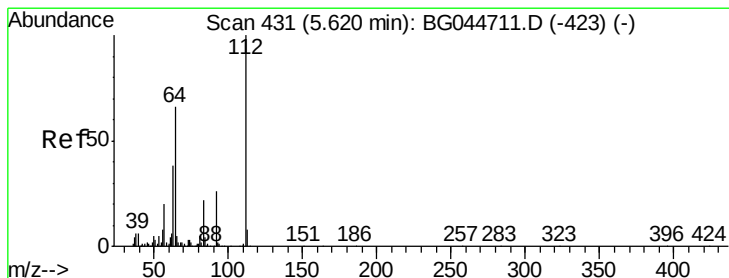
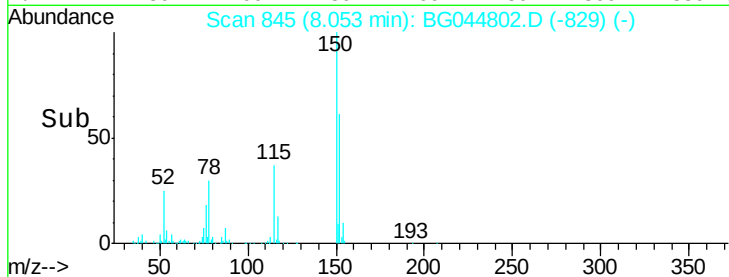
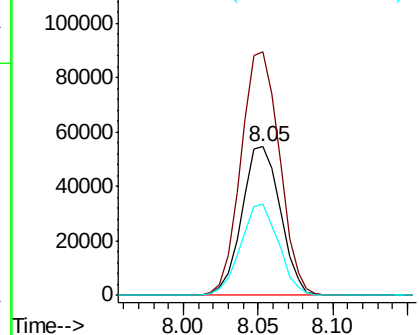


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

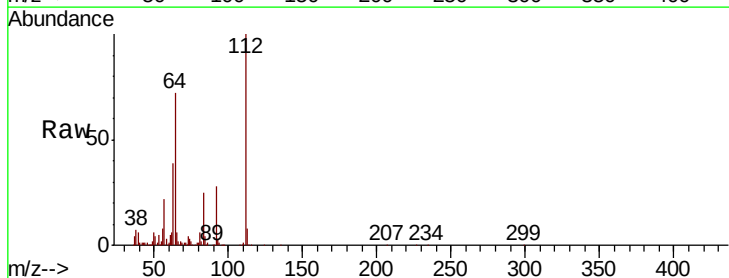
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.518 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	52.6	78.8
63	39.2	30.2	45.4

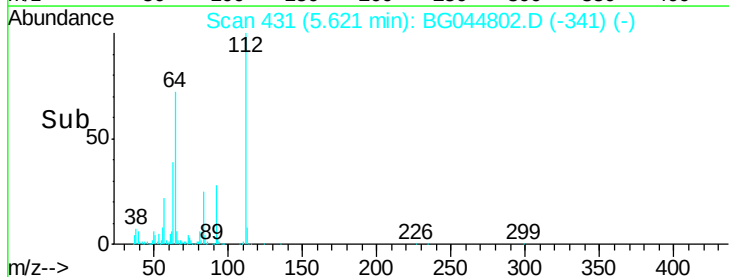
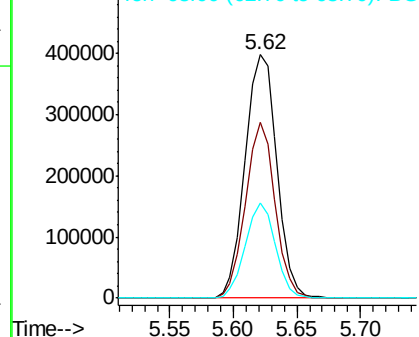


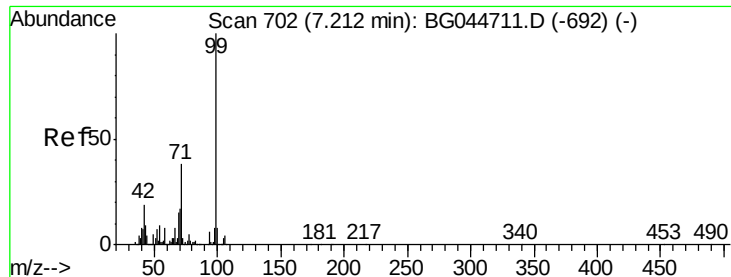
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.364 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB127536BL

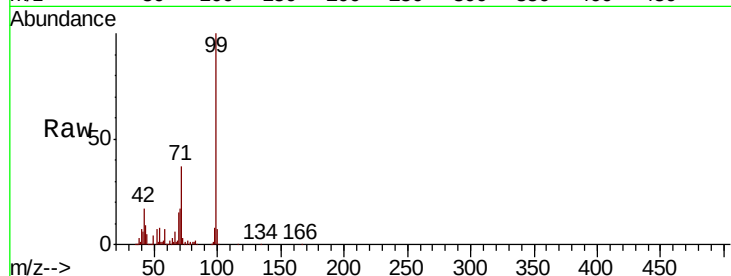
Tot Ion: 99 Resp: 977038

Ion Ratio Lower Upper

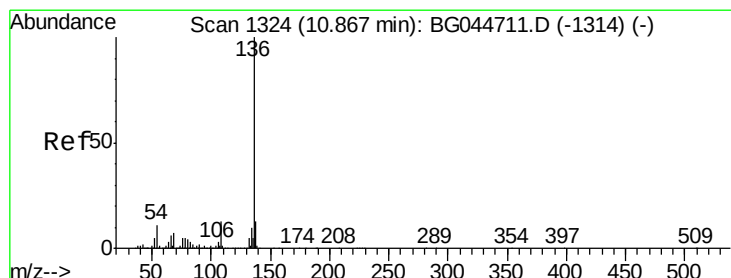
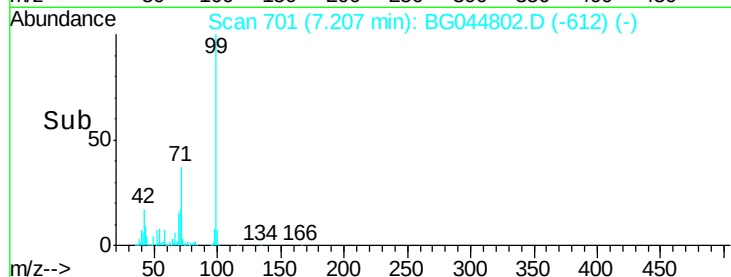
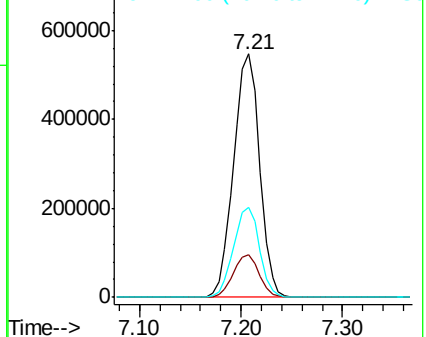
99 100

42 17.4 15.4 23.0

71 36.9 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

Tgt Ion: 136 Resp: 407170

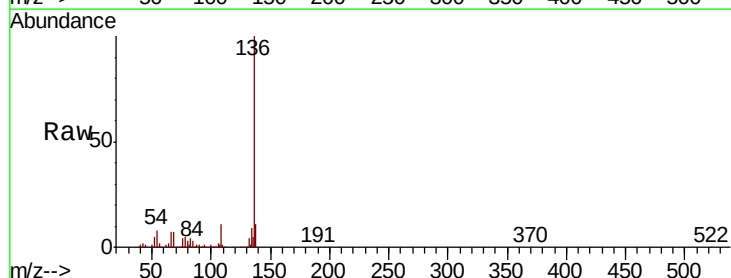
Ion Ratio Lower Upper

136 100

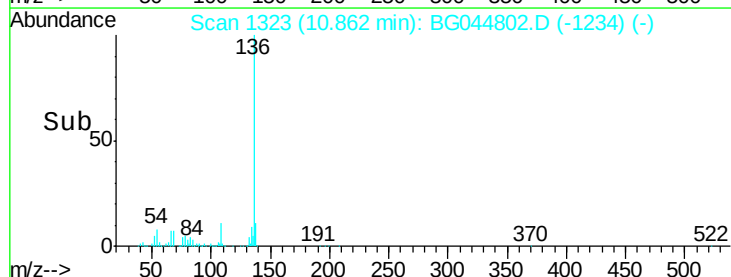
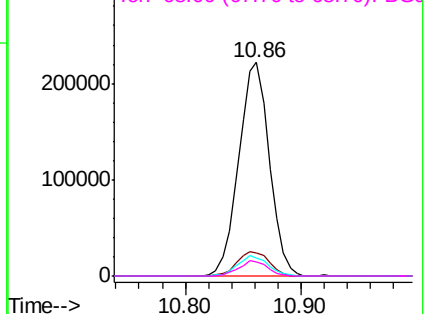
137 10.8 10.7 16.1

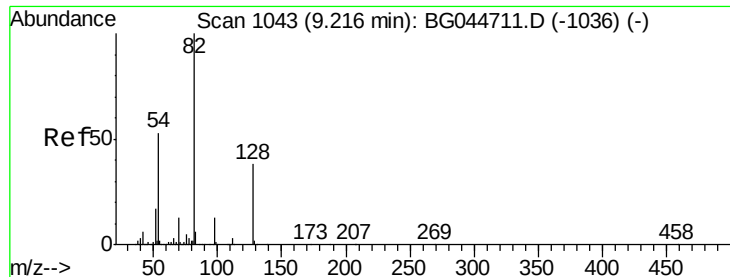
54 8.3 9.0 13.4#

68 6.5 5.9 8.9



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

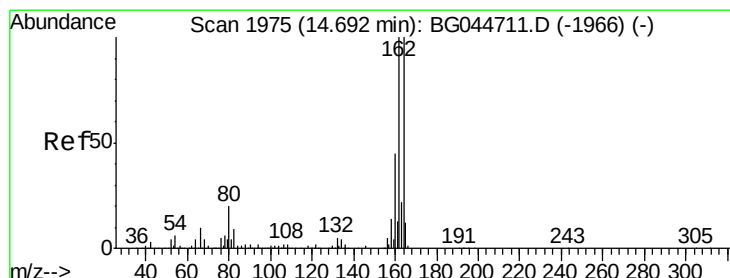
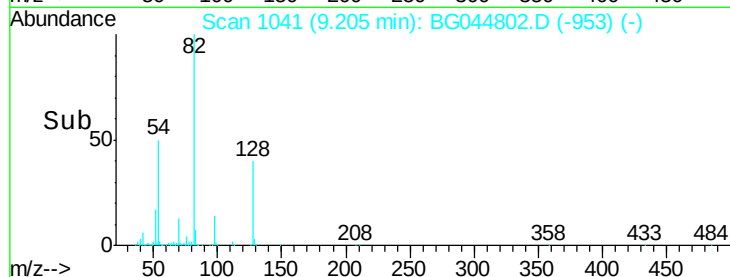
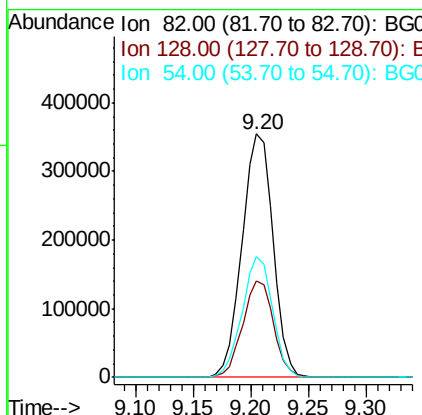
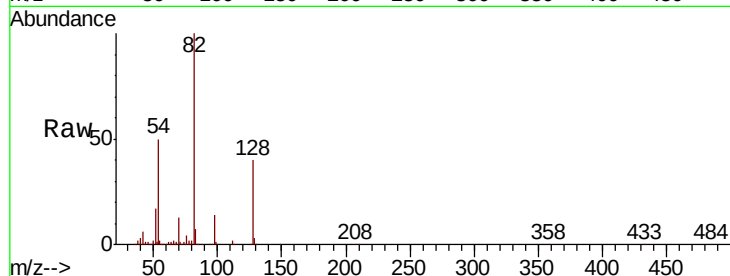




#23
 Nitrobenzene-d5
 Concen: 71.668 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044802.D
 Acq: 14 Mar 2020 19:41

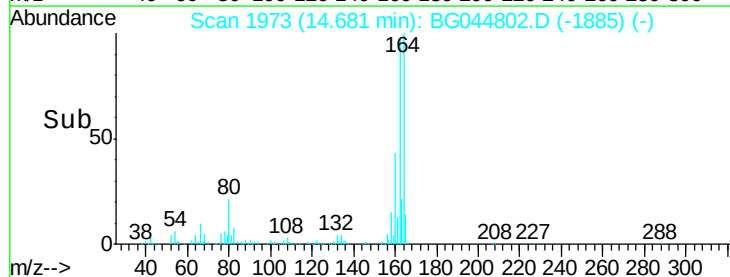
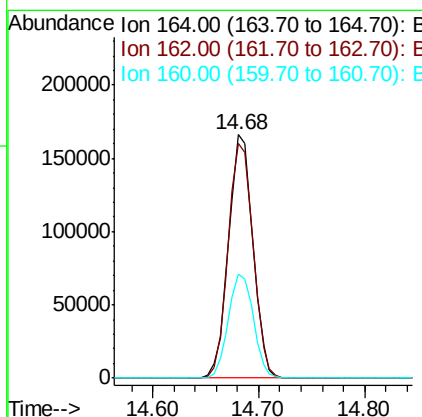
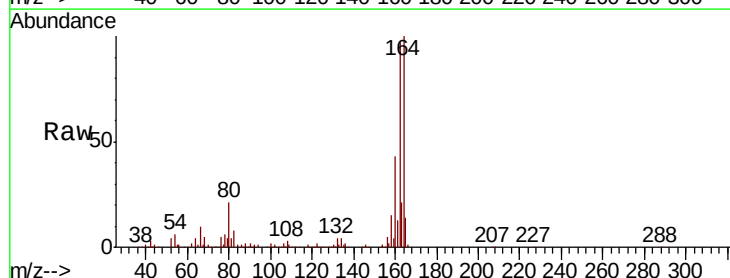
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BL

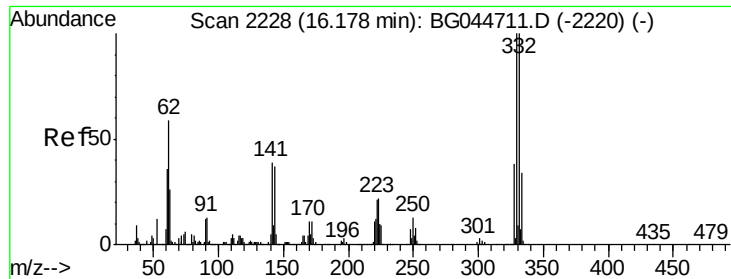
Tot Ion	82	Resp	664996
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.2	45.2
54	49.6	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044802.D
 Acq: 14 Mar 2020 19:41

Tgt Ion	164	Resp	264913
Ion Ratio	Lower	Upper	
164	100		
162	96.6	80.2	120.4
160	42.7	36.2	54.2

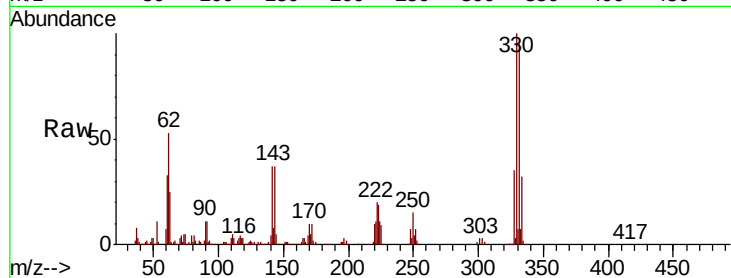




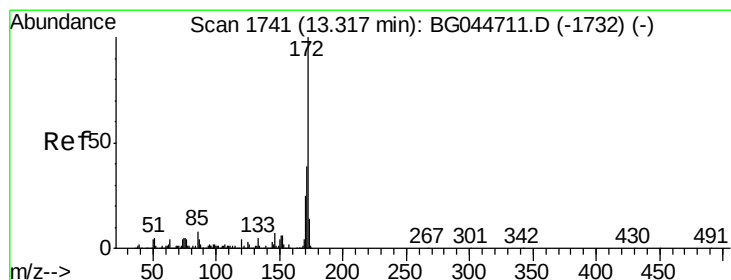
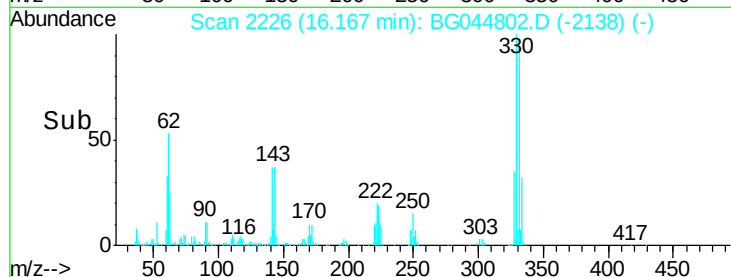
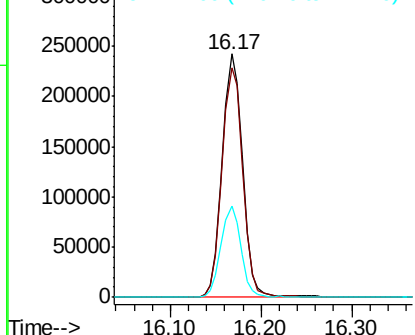
#42
2,4,6-Tribromophenol
Concen: 109.540 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB127536BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.1	31.7	47.5

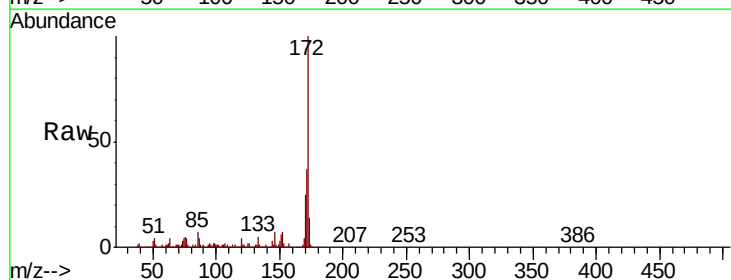


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

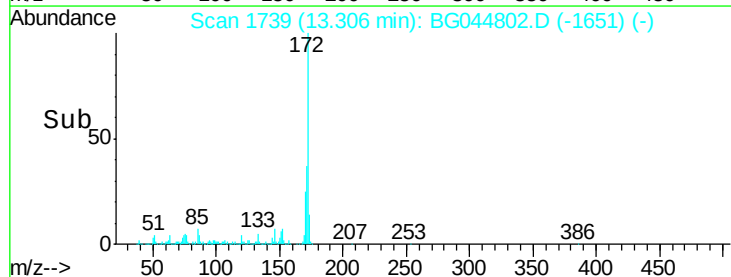
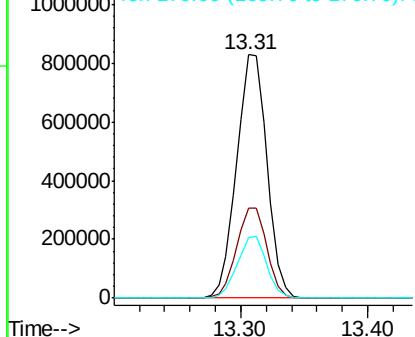


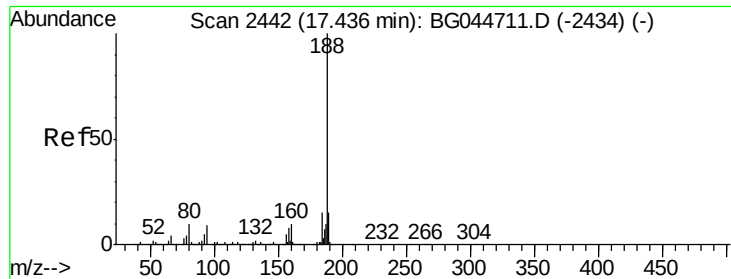
#45
2-Fluorobiphenyl
Concen: 74.214 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG044802.D
Acq: 14 Mar 2020 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.1	20.0	30.0



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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB127536BL

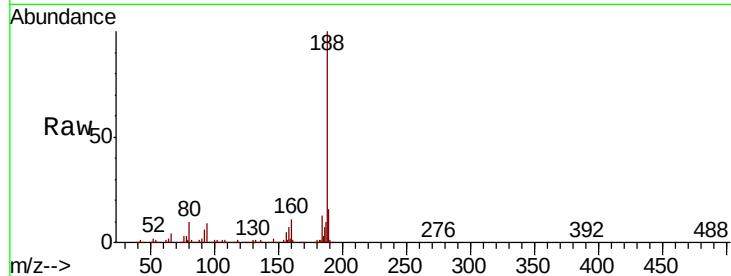
Tot Ion:188 Resp: 552649

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

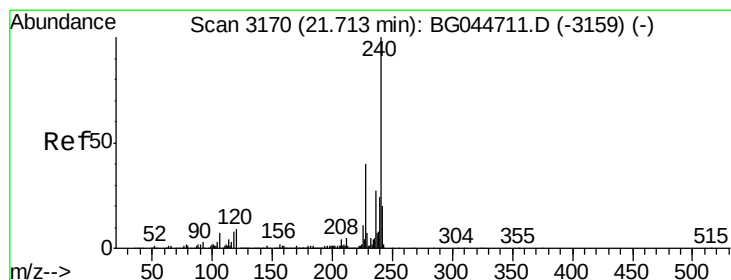
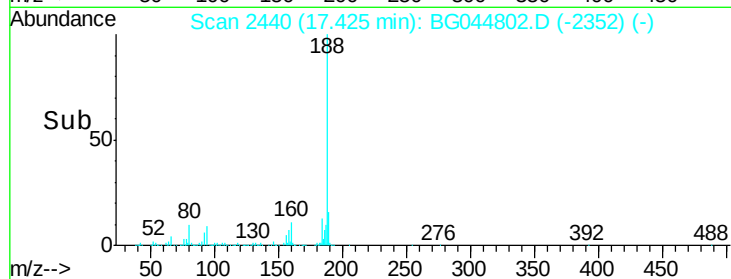
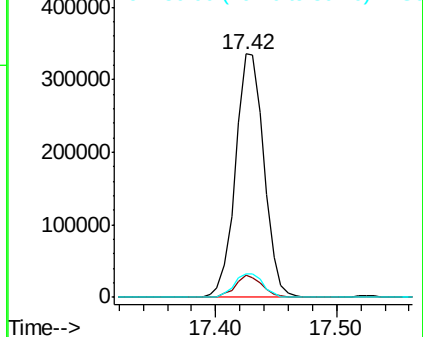
80 9.8 8.4 12.6



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

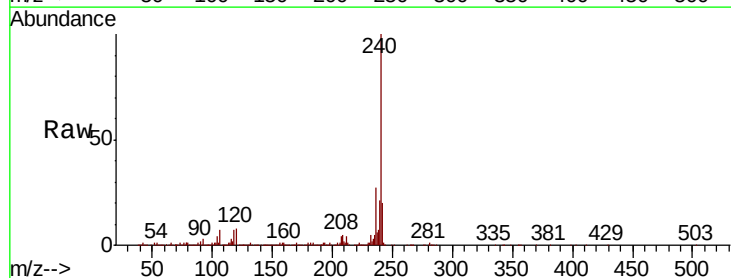
Tgt Ion:240 Resp: 500031

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

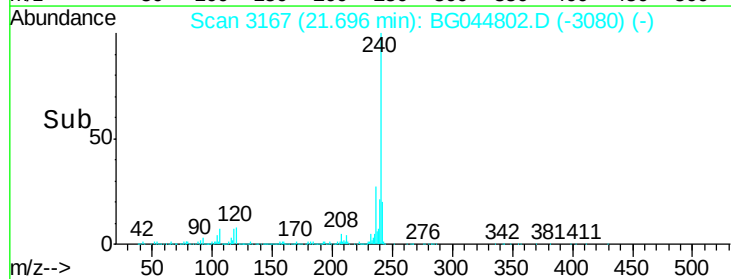
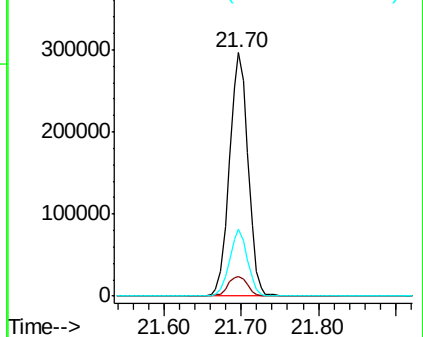
236 27.3 21.9 32.9

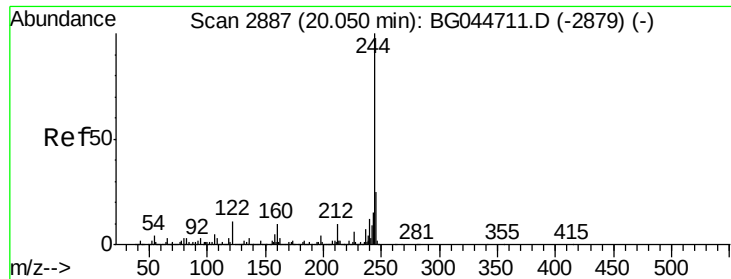


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.868 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB127536BL

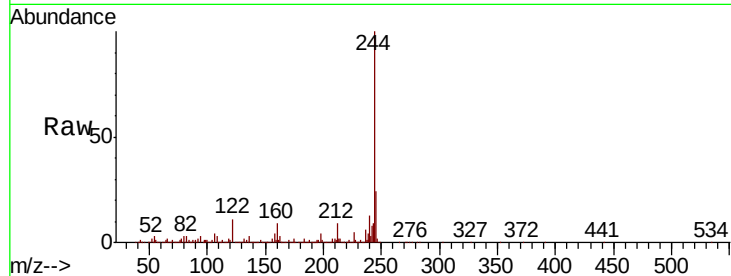
Tot Ion:244 Resp: 2001353

Ion Ratio Lower Upper

244 100

212 9.4 8.4 12.6

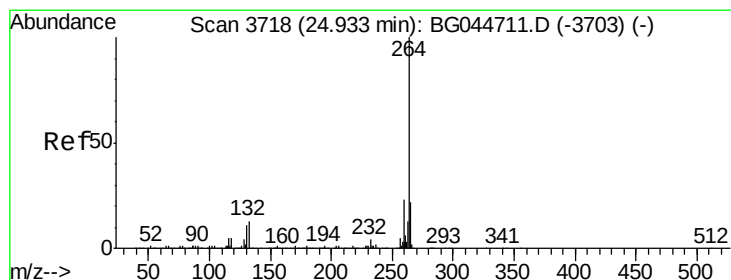
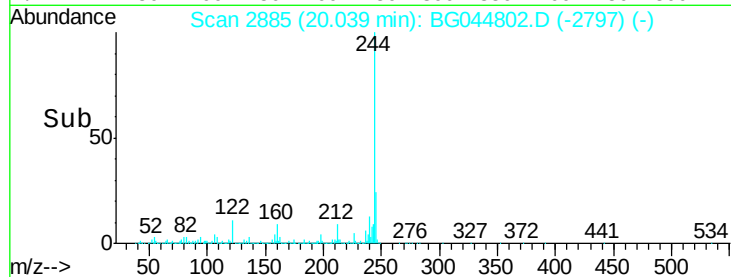
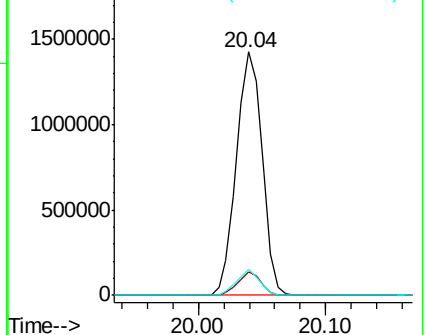
122 10.5 8.7 13.1



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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044802.D

Acq: 14 Mar 2020 19:41

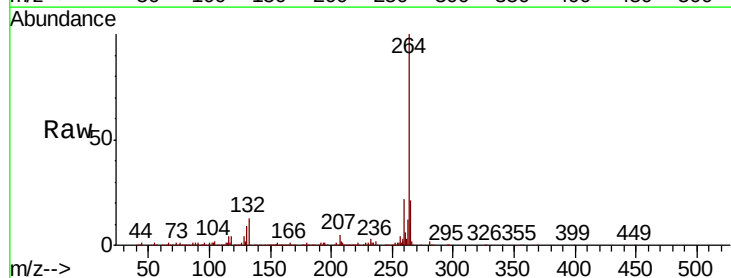
Tgt Ion:264 Resp: 552932

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 21.4 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

