

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044929.D
 Acq On : 24 Mar 2020 14:12
 Operator : CG/JU
 Sample : PB127768BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BL

Quant Time: Mar 24 15:33:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88902	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	325169	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	213980	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	496886	20.00	ng	0.00
76) Chrysene-d12	21.69	240	518090	20.00	ng	-0.01
87) Perylene-d12	24.90	264	534752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	704527	123.36	ng	0.00
7) Phenol-d6	7.21	99	967109	116.55	ng	0.00
23) Nitrobenzene-d5	9.20	82	625366	84.39	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	360717	128.75	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1338181	89.56	ng	0.00
79) Terphenyl-d14	20.03	244	2212104	79.87	ng	0.00

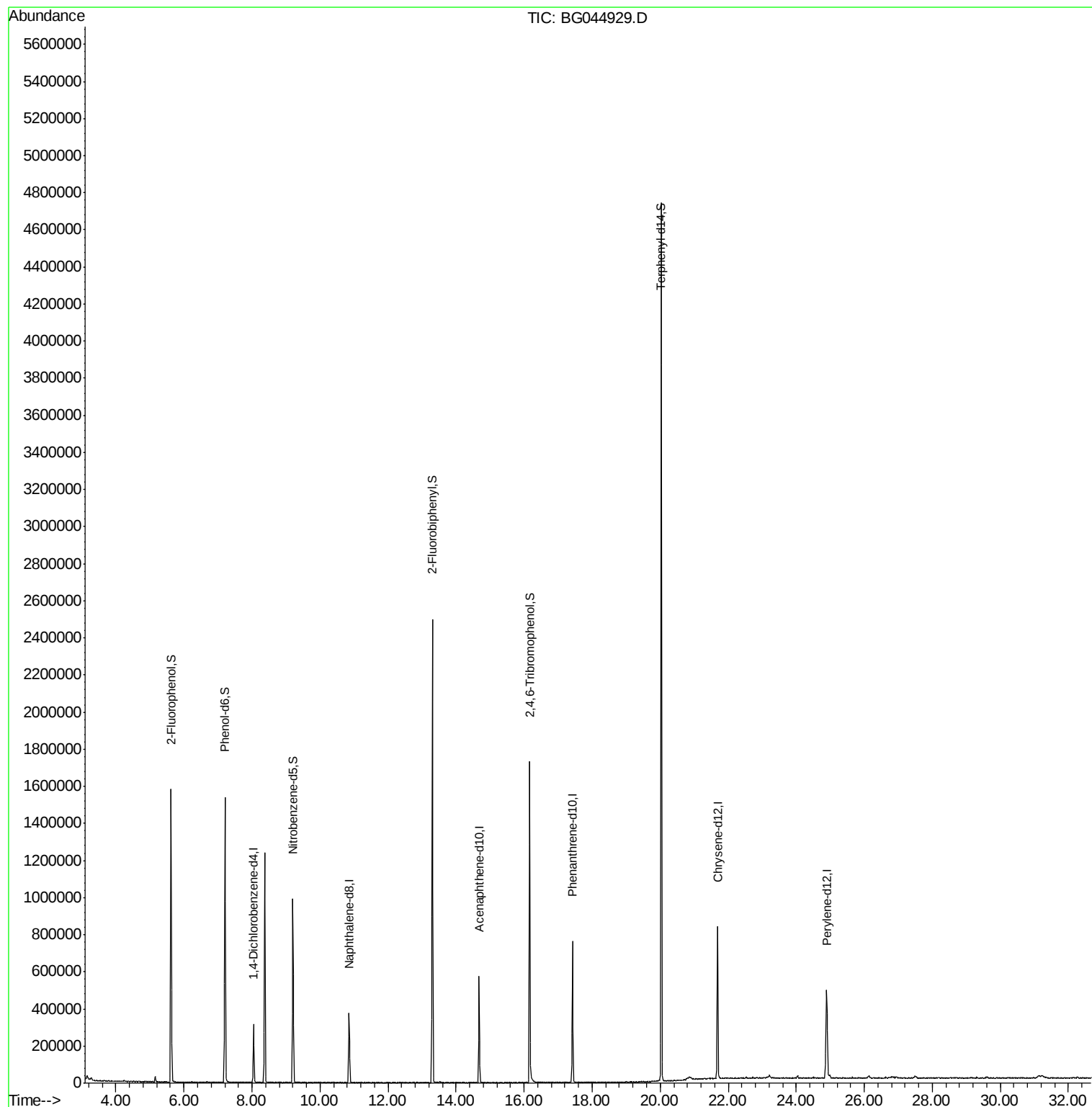
Target Compounds Qvalue

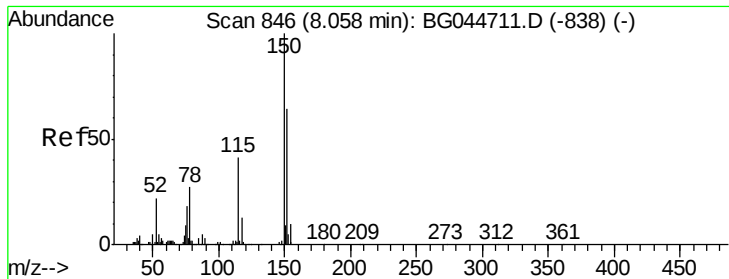
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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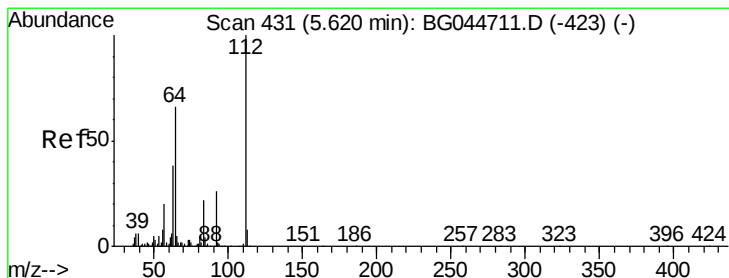
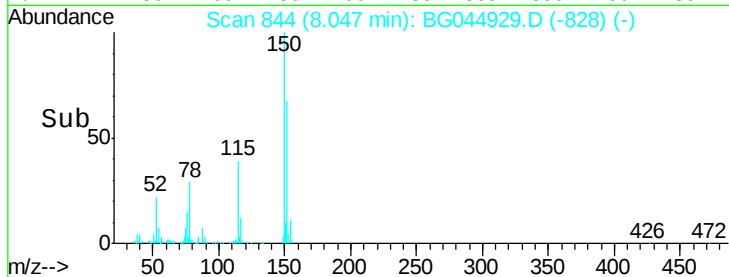
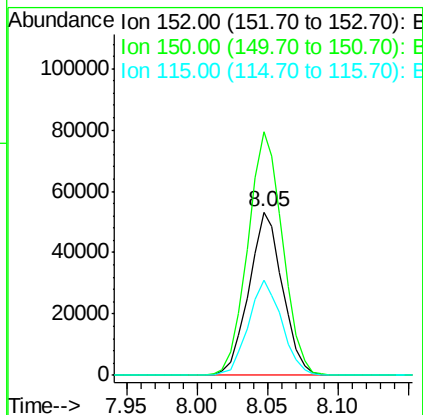
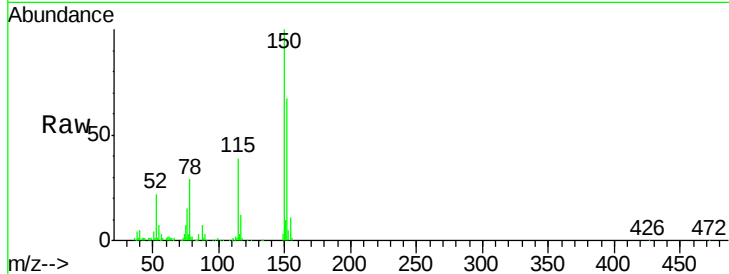


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044929.D
Acq: 24 Mar 2020 14:12

Instrument :
BNA_G
ClientSampleId :
PB127768BL

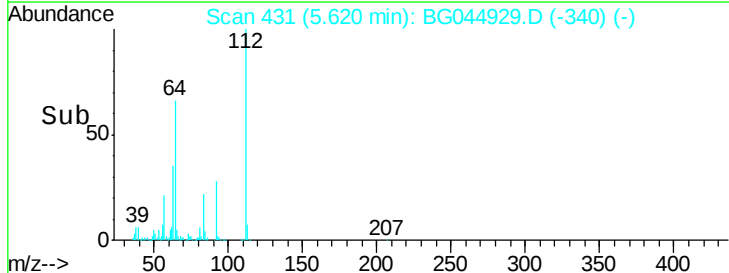
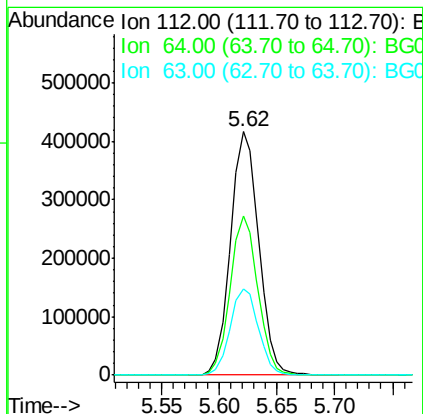
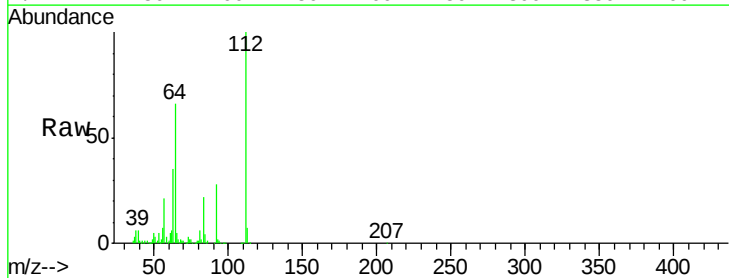
Tot Ion:152 Resp: 88902
Ion Ratio Lower Upper
152 100
150 149.0 128.8 193.2
115 58.6 52.6 79.0

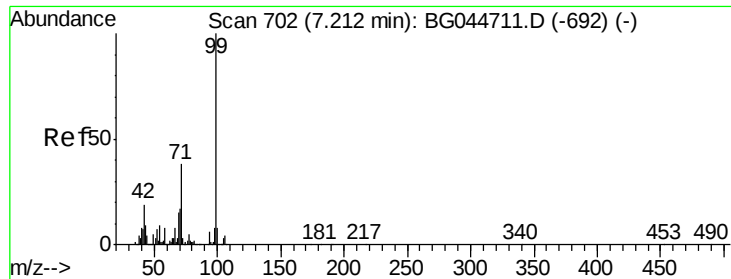


#5

2-Fluorophenol
Concen: 123.364 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044929.D
Acq: 24 Mar 2020 14:12

Tgt Ion:112 Resp: 704527
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 35.3 29.4 44.2





#7

Phenol-d6

Concen: 116.553 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

PB127768BL

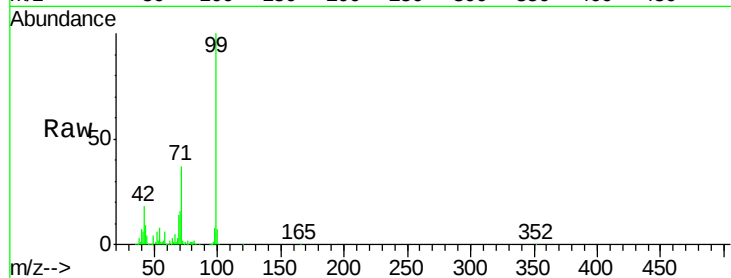
Tot Ion: 99 Resp: 967109

Ion Ratio Lower Upper

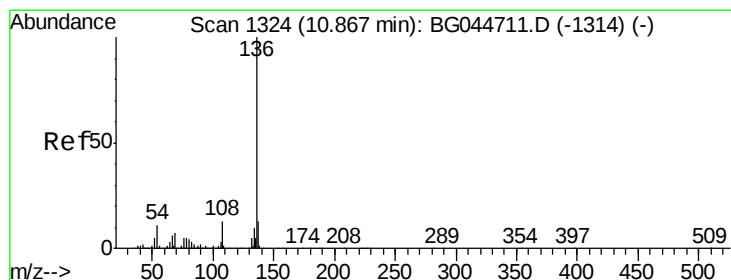
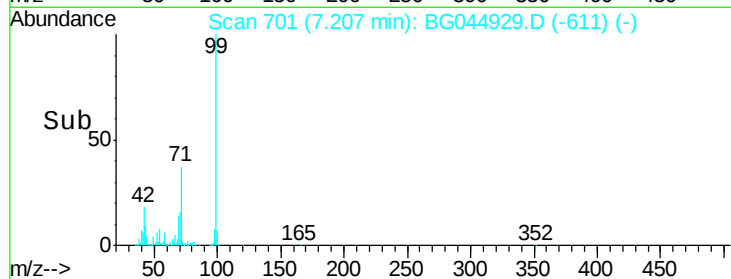
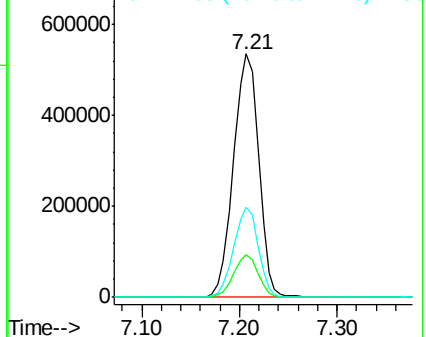
99 100

42 17.5 12.6 19.0

71 37.0 29.0 43.4



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# 1322

Delta R.T. -0.00 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

Tgt Ion:136 Resp: 325169

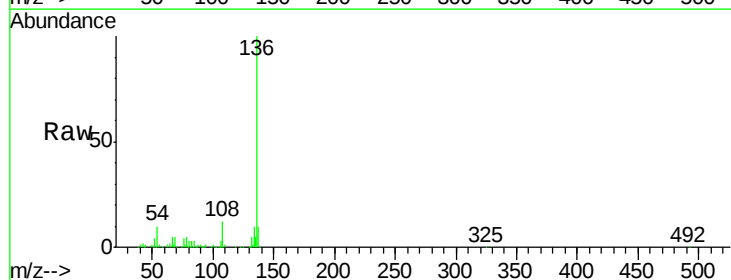
Ion Ratio Lower Upper

136 100

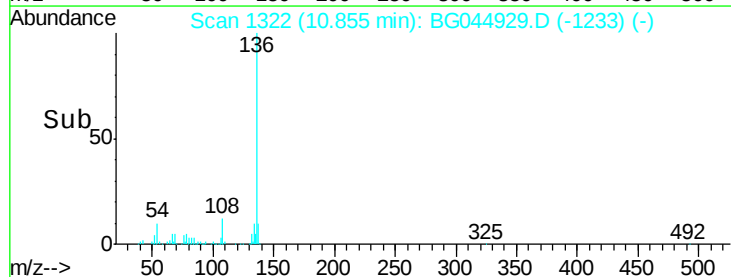
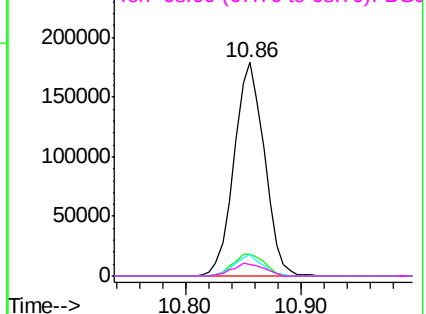
137 10.3 9.8 14.6

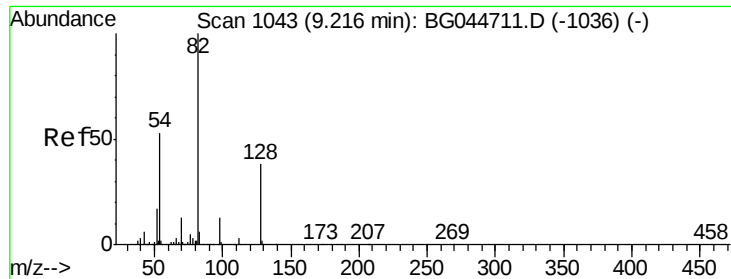
54 10.0 7.9 11.9

68 5.5 5.4 8.0



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

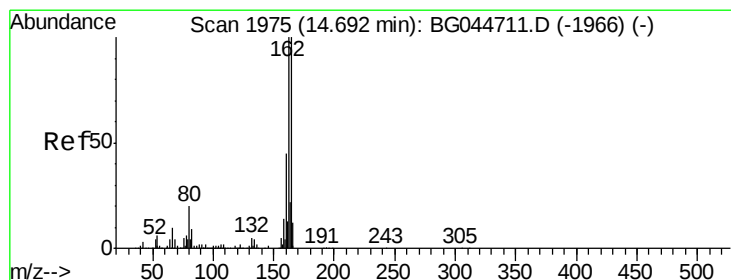
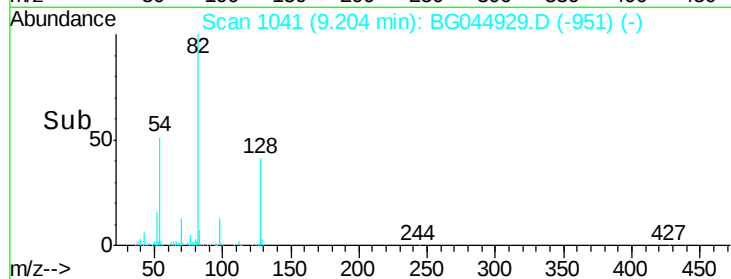
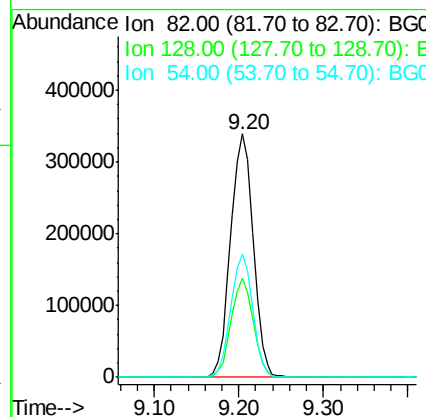
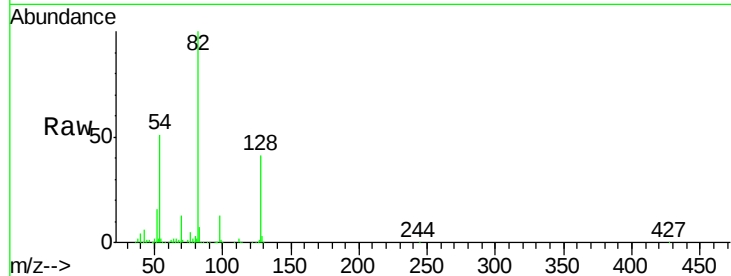




#23
 Nitrobenzene-d5
 Concen: 84.393 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044929.D
 Acq: 24 Mar 2020 14:12

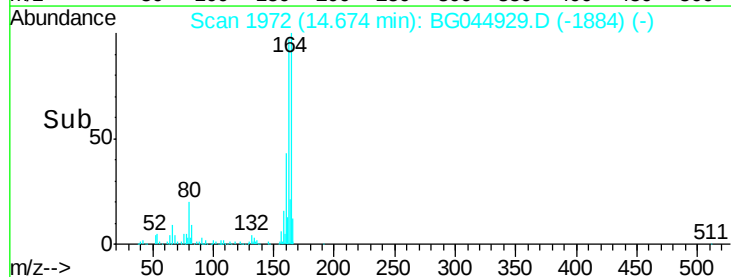
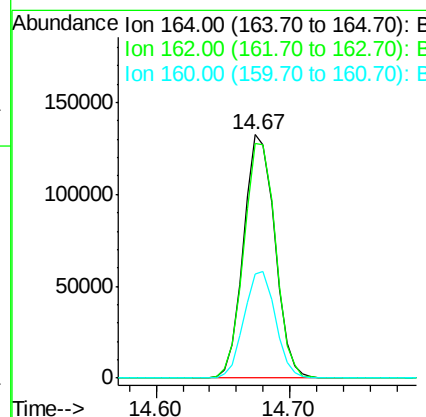
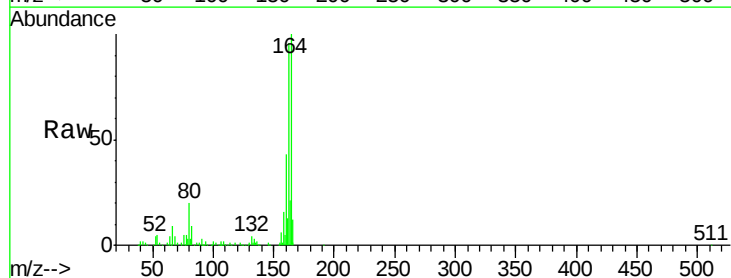
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BL

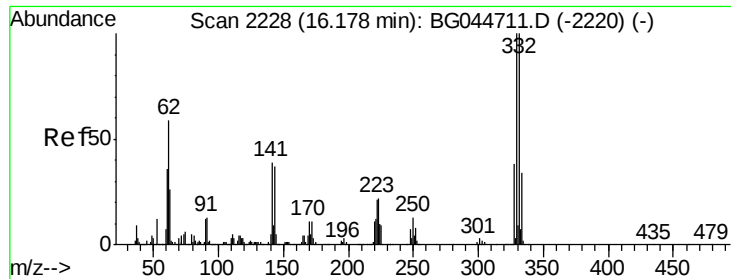
Tot Ion	82	Resp	625366
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.6	46.0
54	50.6	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044929.D
 Acq: 24 Mar 2020 14:12

Tgt Ion	164	Resp	213980
Ion Ratio	Lower	Upper	
164	100		
162	96.4	76.7	115.1
160	42.5	35.0	52.4

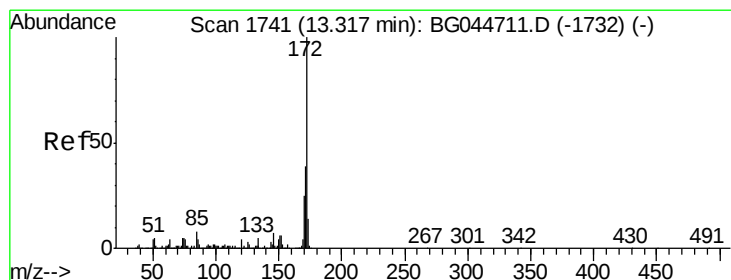
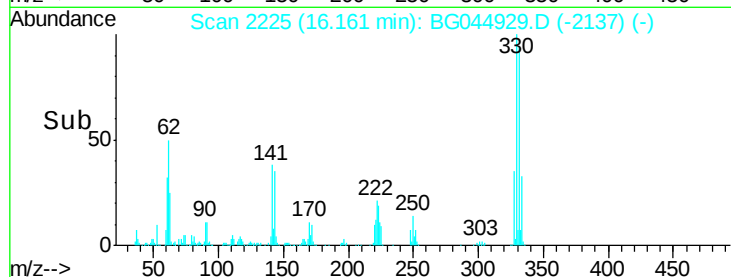
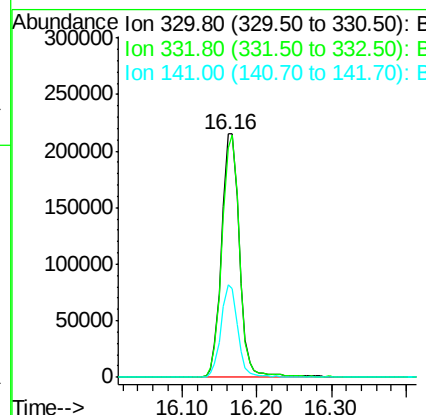
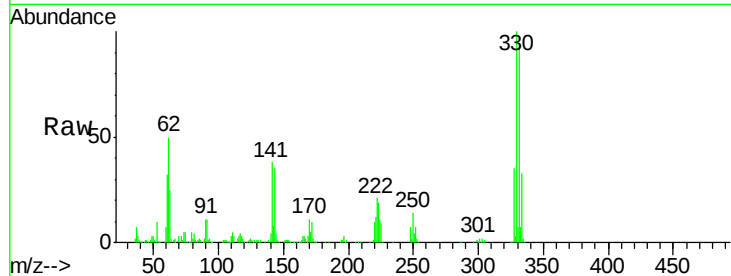




#42
 2,4,6-Tribromophenol
 Concen: 128.747 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044929.D
 Acq: 24 Mar 2020 14:12

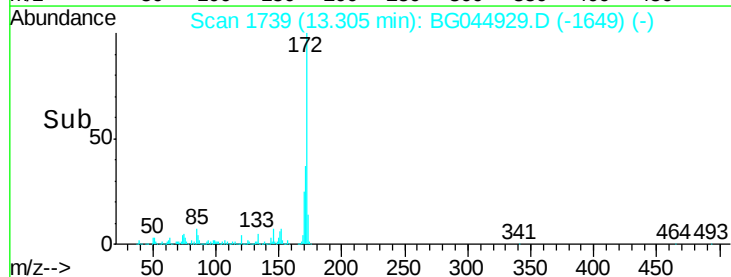
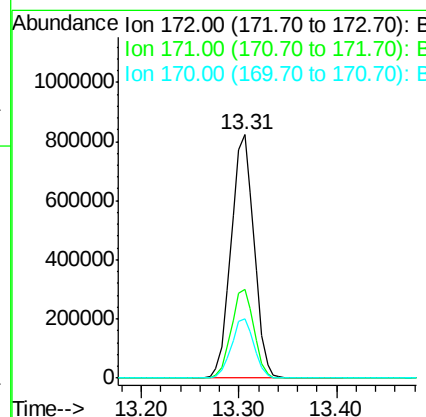
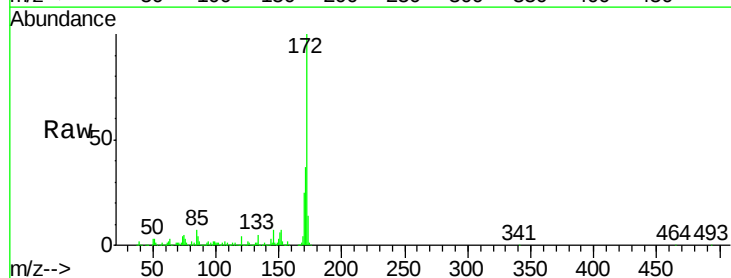
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BL

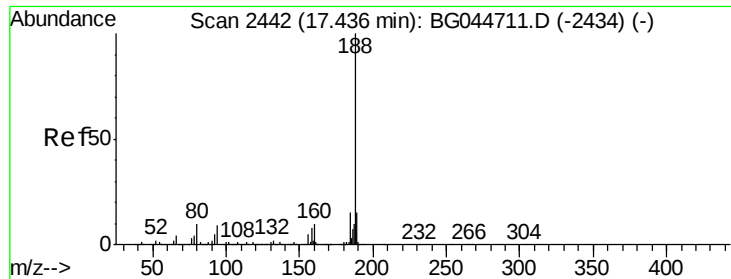
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	35.8	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 89.556 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044929.D
 Acq: 24 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.5	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

PB127768BL

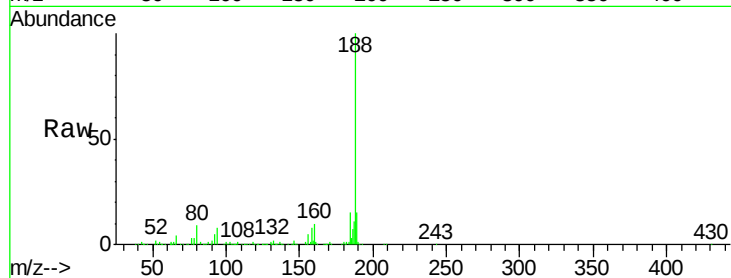
Tot Ion:188 Resp: 496886

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

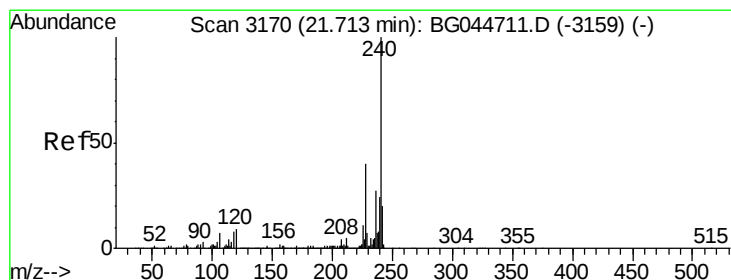
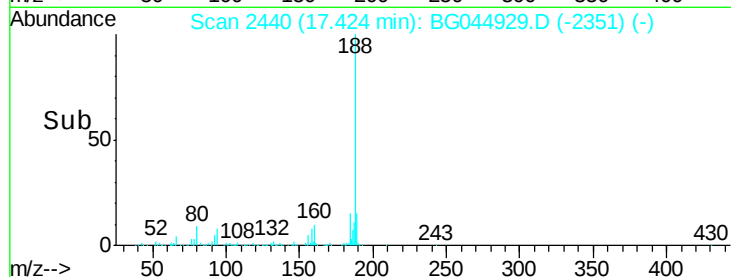
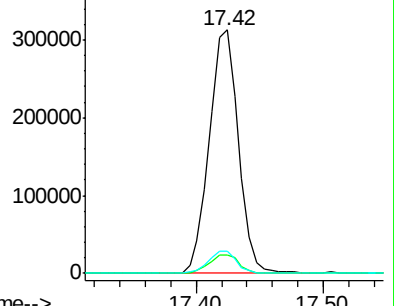
80 9.0 8.0 12.0



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

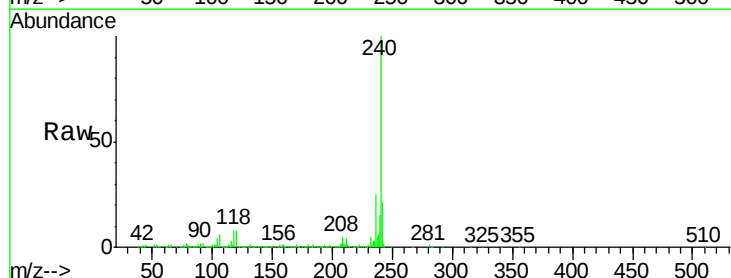
Tgt Ion:240 Resp: 518090

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

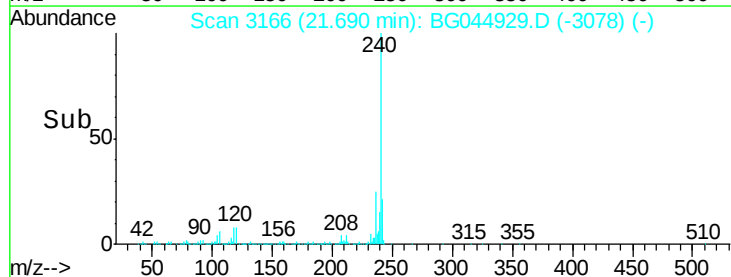
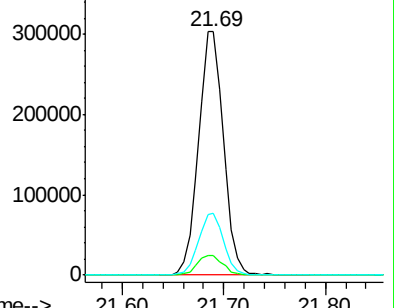
236 25.3 21.5 32.3

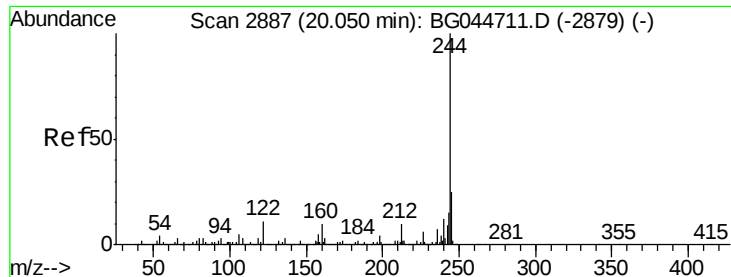


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.867 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

PB127768BL

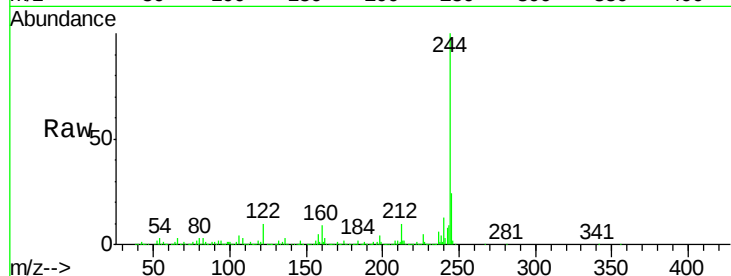
Tot Ion:244 Resp: 2212104

Ion Ratio Lower Upper

244 100

212 9.9 7.7 11.5

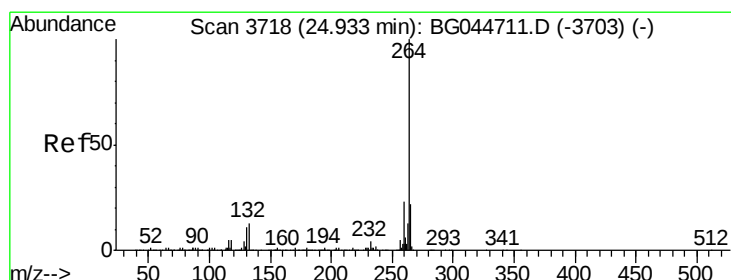
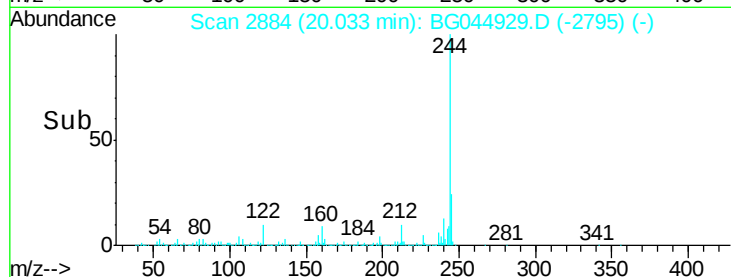
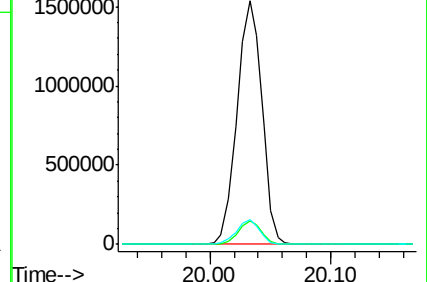
122 10.1 8.6 12.8



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: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044929.D

Acq: 24 Mar 2020 14:12

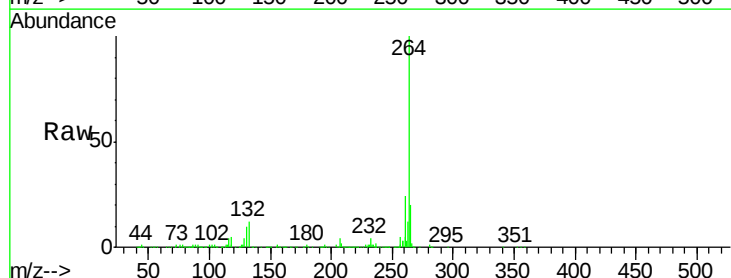
Tgt Ion:264 Resp: 534752

Ion Ratio Lower Upper

264 100

260 23.9 18.1 27.1

265 20.2 17.1 25.7



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

