

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044956.D
 Acq On : 7 Apr 2020 15:42
 Operator : CG/JU
 Sample : PB128064TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128064TB

Quant Time: Apr 07 16:28:38 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	8.04	152	81824	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	304534	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	205837	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	484363	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	524559	20.00	ng	-0.01
87) Perylene-d12	24.89	264	541970	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	775299	147.50	ng	0.00
7) Phenol-d6	7.20	99	1056898	138.39	ng	0.00
23) Nitrobenzene-d5	9.20	82	680270	98.02	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	427892	158.77	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1483959	103.24	ng	0.00
79) Terphenyl-d14	20.03	244	2525992	90.08	ng	0.00

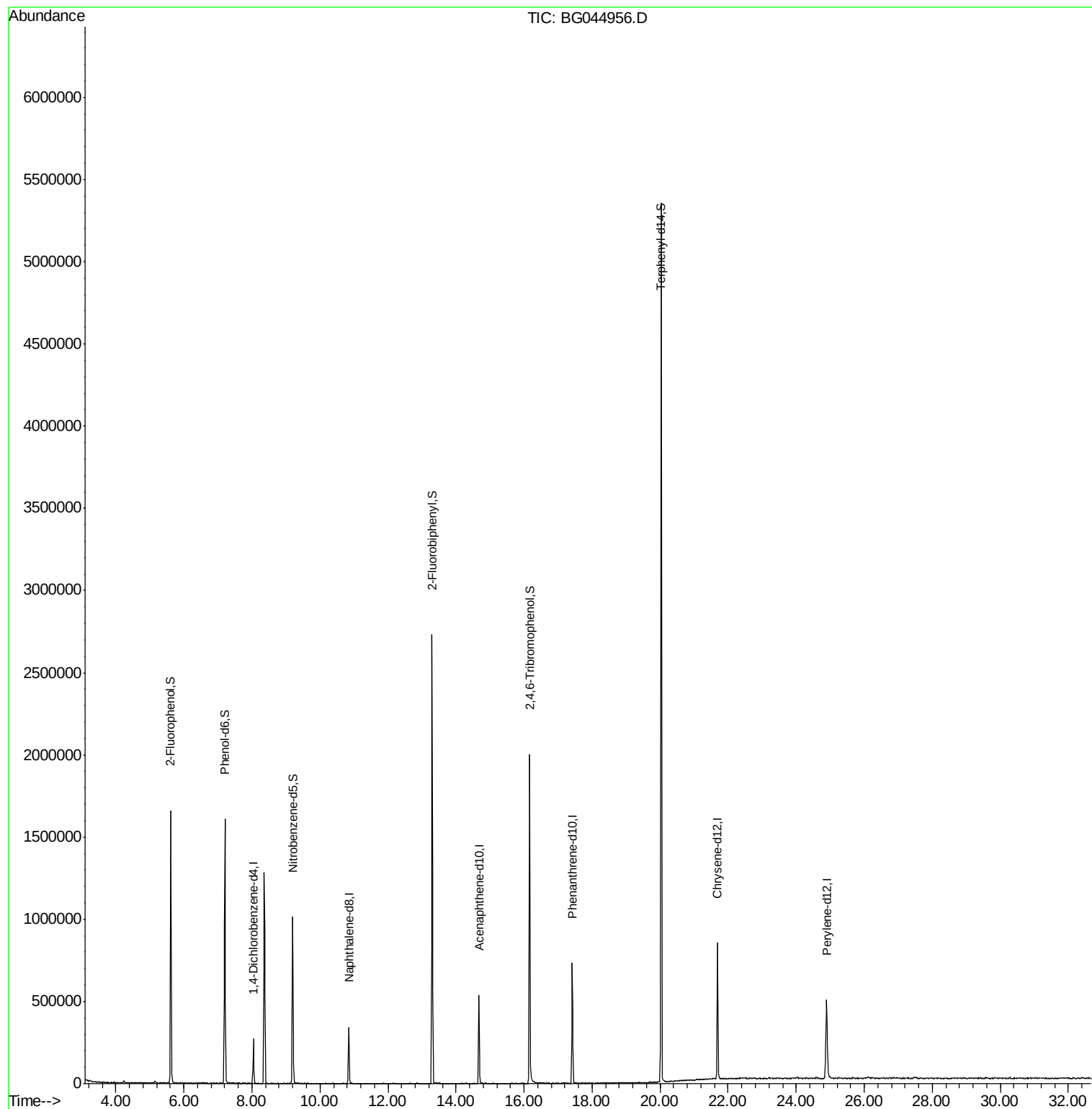
Target Compounds Qvalue

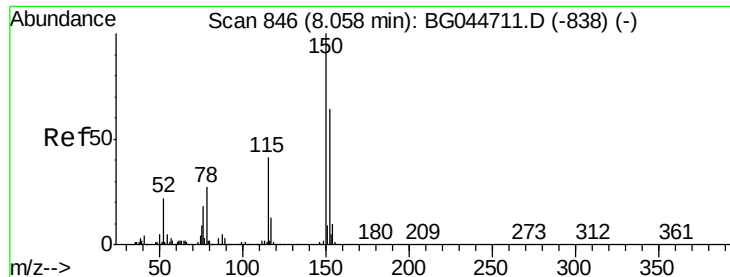
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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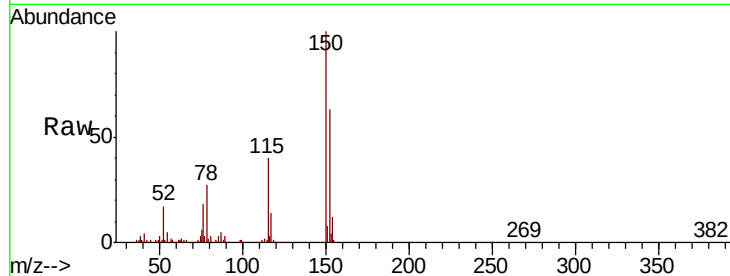


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

Instrument :
BNA_G
ClientSampleId :
PB128064TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	128.8	193.2
115	63.5	52.6	79.0

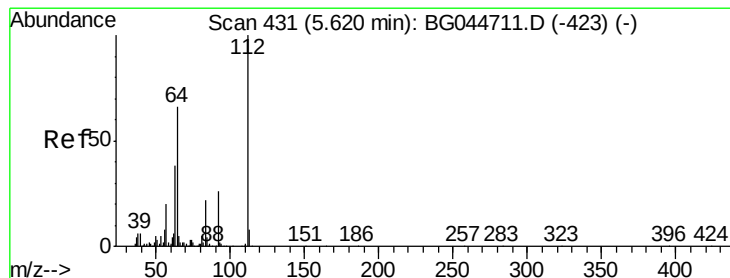
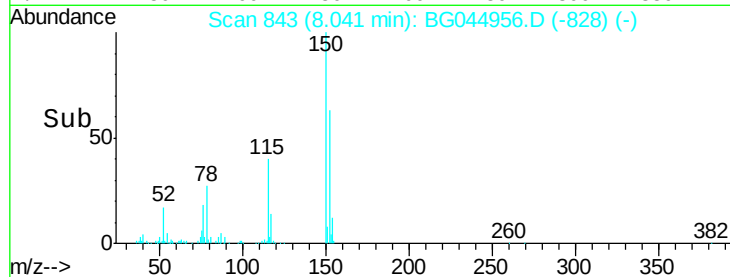
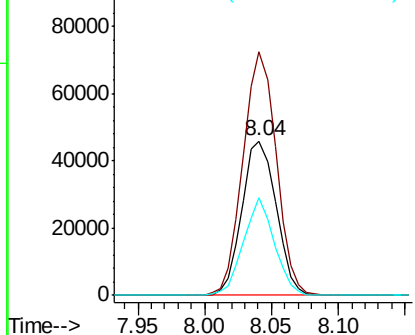


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

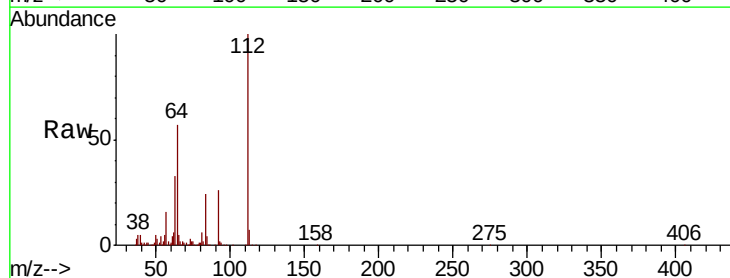
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.500 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	53.4	80.2
63	33.4	29.4	44.2

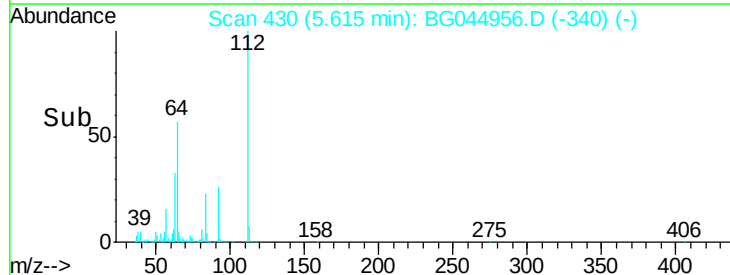
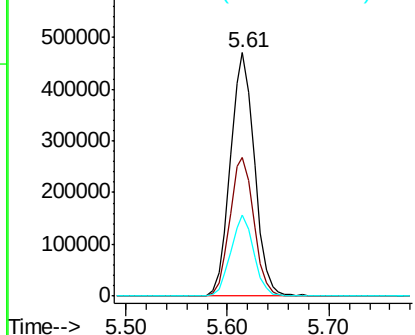


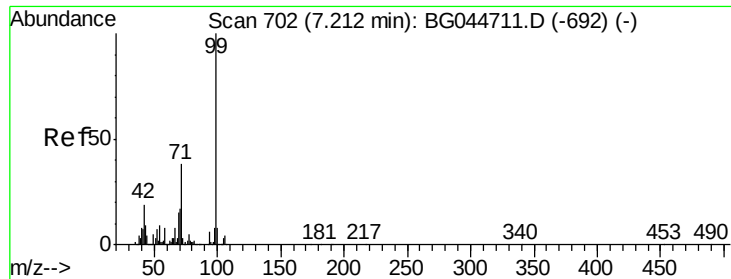
Abundance

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: 138.392 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044956.D

Acq: 7 Apr 2020 15:42

Instrument :

BNA_G

ClientSampleId :

PB128064TB

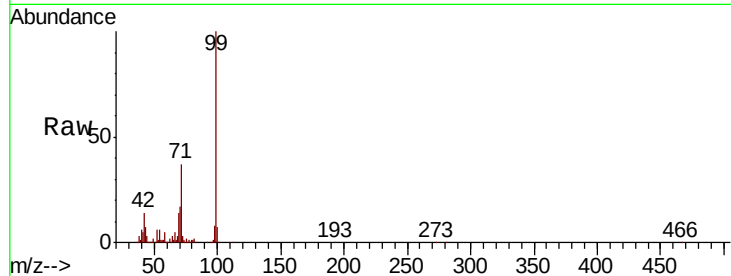
Tot Ion: 99 Resp: 1056898

Ion Ratio Lower Upper

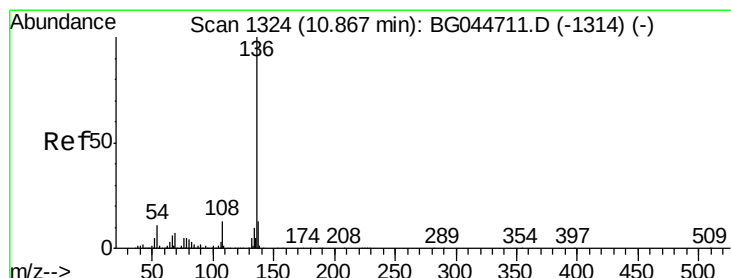
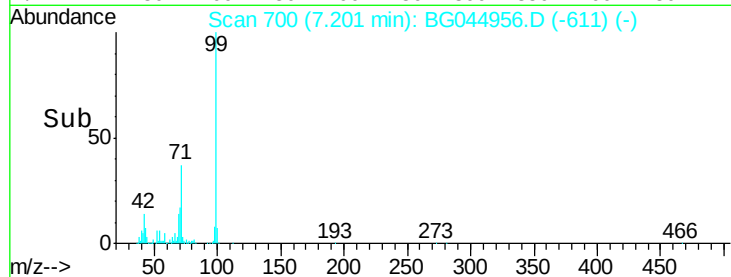
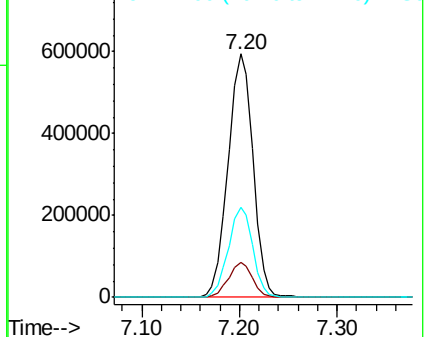
99 100

42 14.2 12.6 19.0

71 37.1 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044956.D

Acq: 7 Apr 2020 15:42

Tgt Ion: 136 Resp: 304534

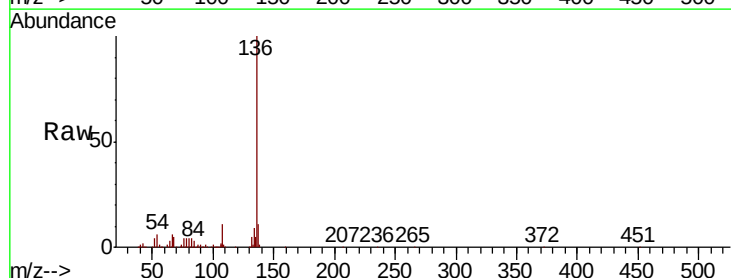
Ion Ratio Lower Upper

136 100

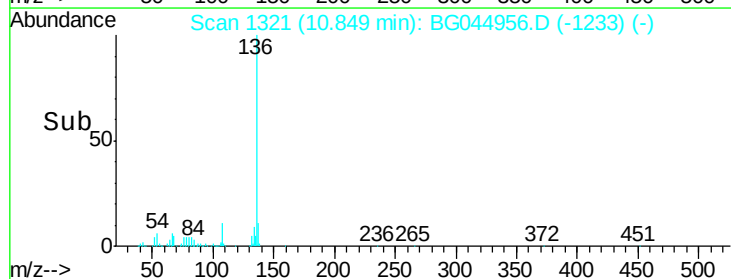
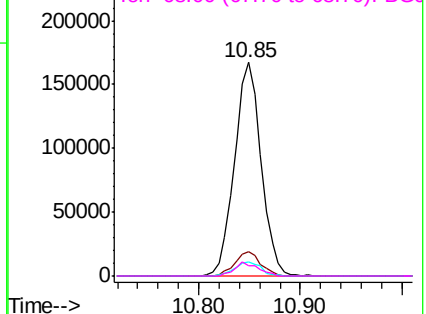
137 11.2 9.8 14.6

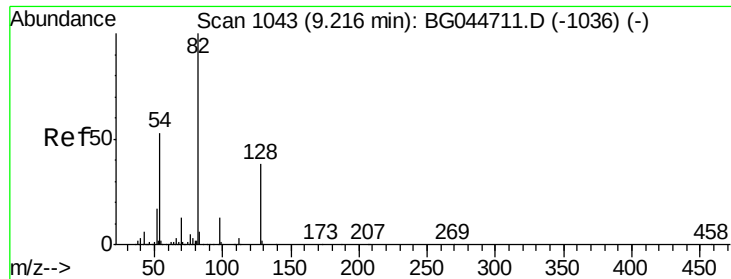
54 6.4 7.9 11.9#

68 4.9 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

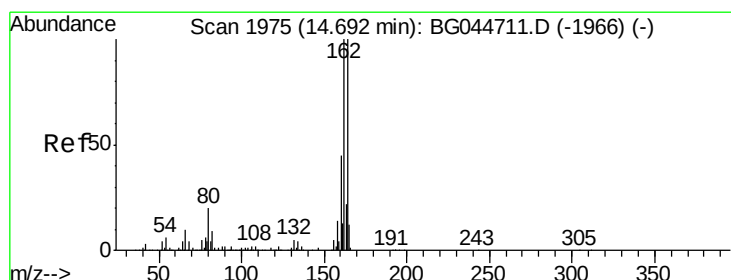
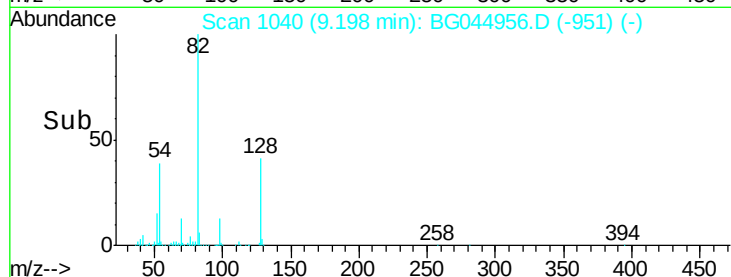
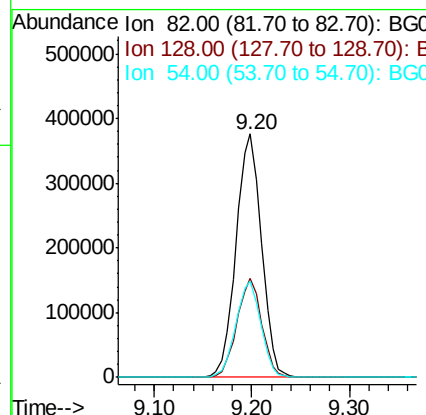
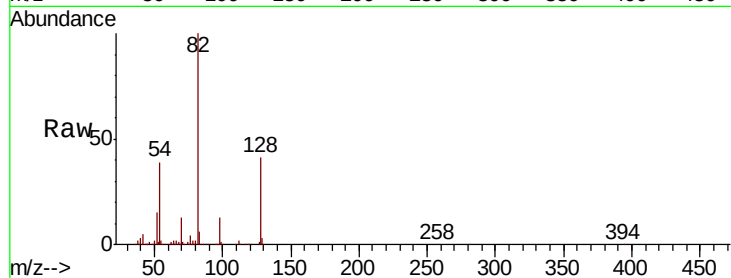




#23
Nitrobenzene-d5
Concen: 98.023 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

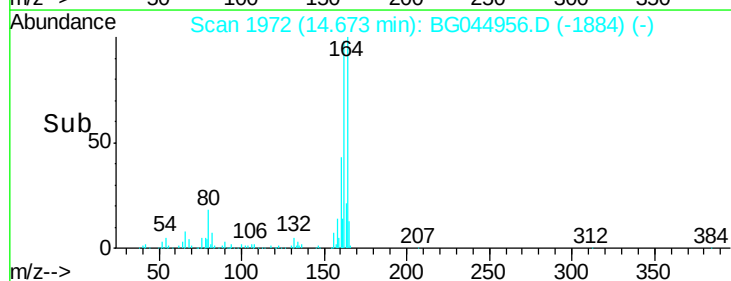
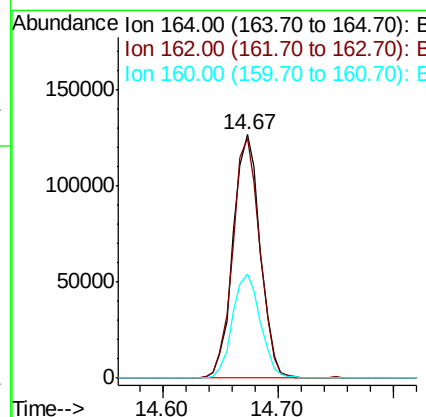
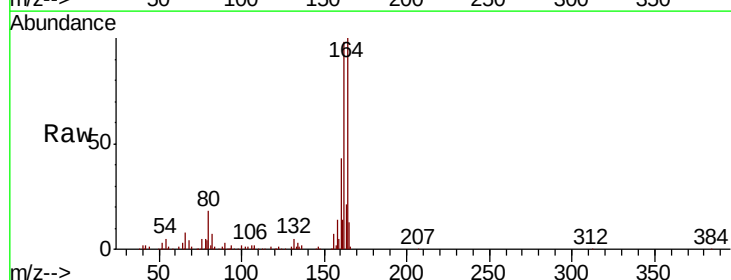
Instrument :
BNA_G
ClientSampleId :
PB128064TB

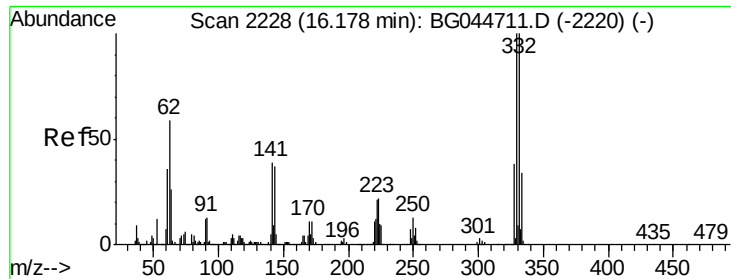
Tot Ion	82	Resp	680270
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.6	46.0
54	39.4	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

Tgt Ion	164	Resp	205837
Ion Ratio	Lower	Upper	
164	100		
162	98.4	76.7	115.1
160	42.9	35.0	52.4

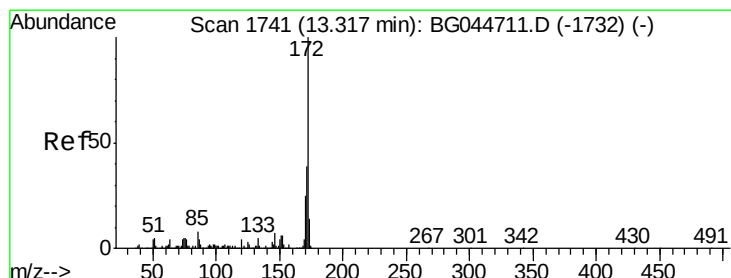
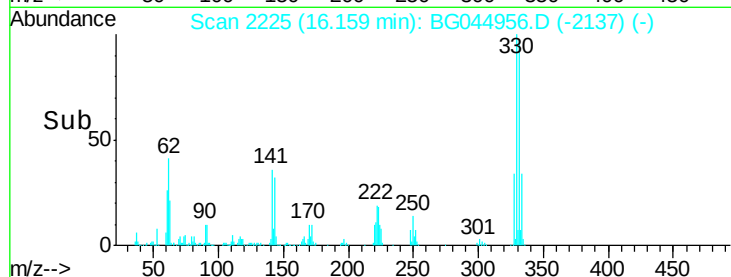
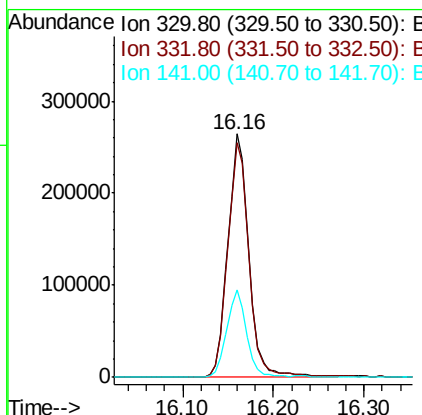
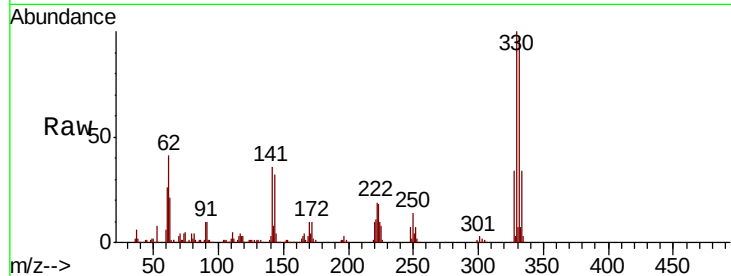




#42
 2,4,6-Tribromophenol
 Concen: 158.765 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044956.D
 Acq: 7 Apr 2020 15:42

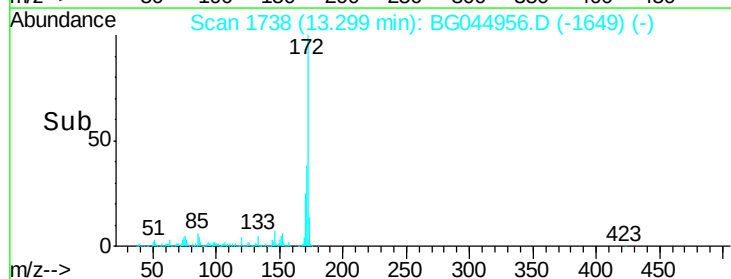
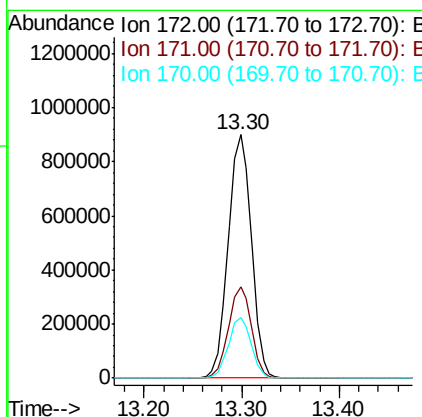
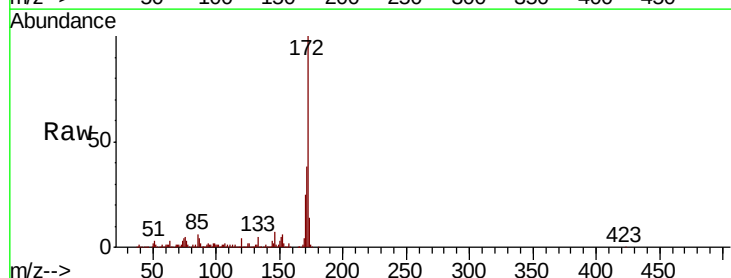
Instrument :
 BNA_G
 ClientSampleId :
 PB128064TB

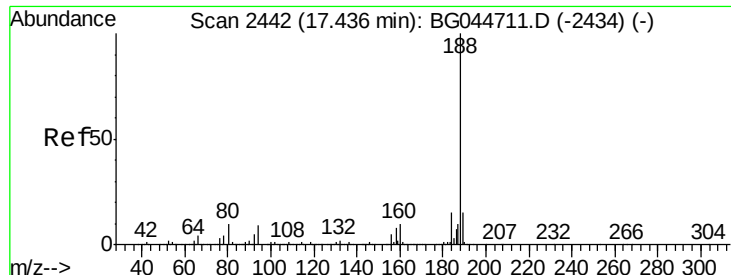
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	33.7	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 103.241 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044956.D
 Acq: 7 Apr 2020 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	25.0	19.0	28.6

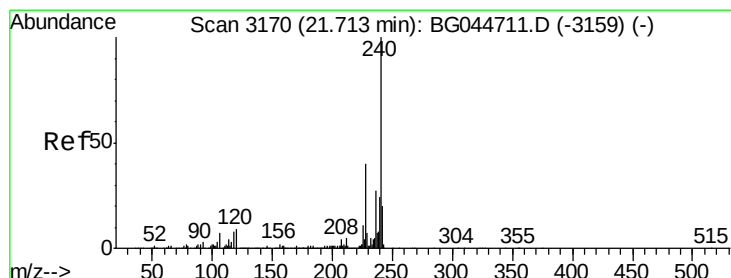
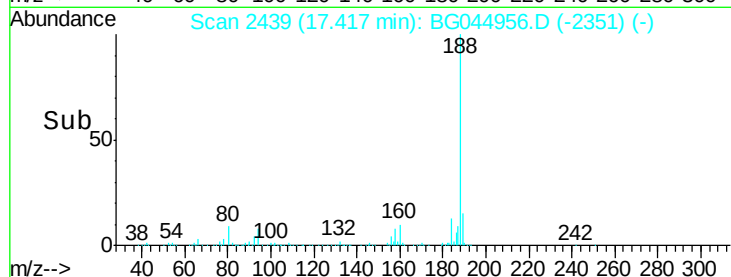
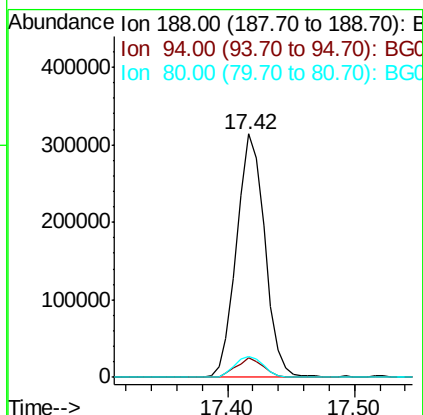
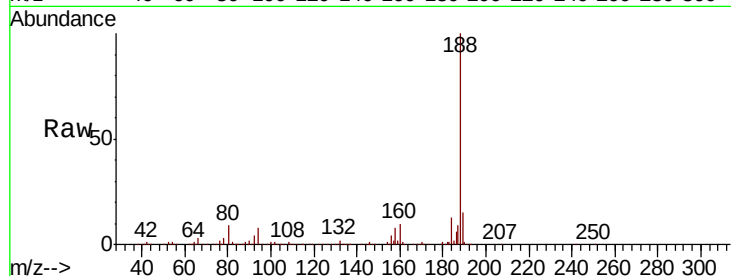




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

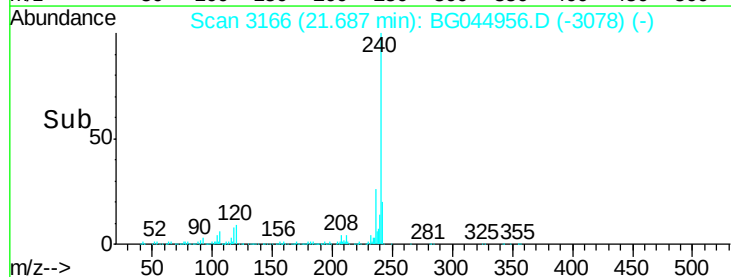
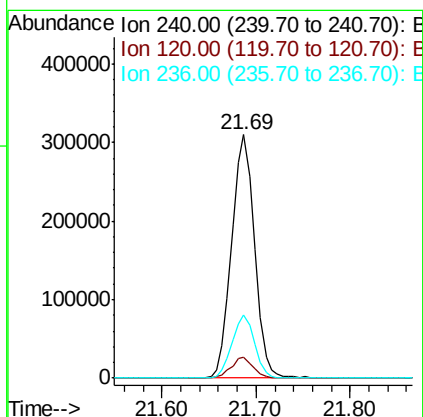
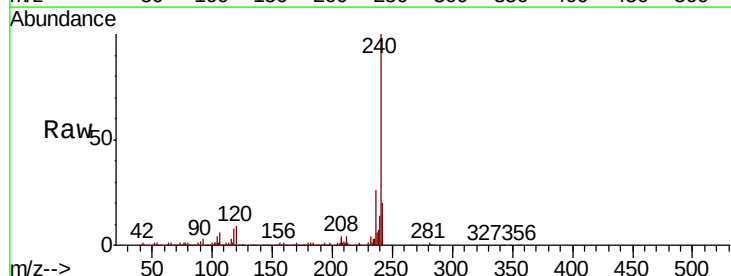
Instrument :
BNA_G
ClientSampleId :
PB128064TB

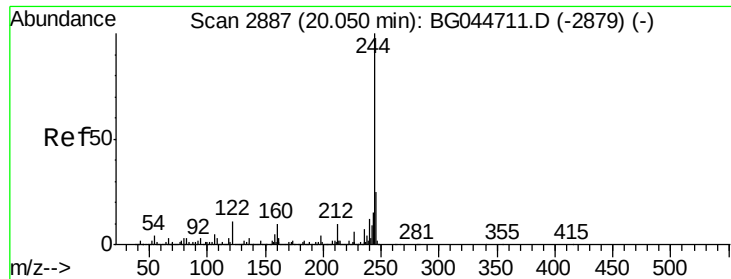
Tot Ion:188 Resp: 484363
Ion Ratio Lower Upper
188 100
94 8.0 7.3 10.9
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044956.D
Acq: 7 Apr 2020 15:42

Tgt Ion:240 Resp: 524559
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 26.2 21.5 32.3





#79

Terphenyl-d14

Concen: 90.076 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044956.D

Acq: 7 Apr 2020 15:42

Instrument :

BNA_G

ClientSampleId :

PB128064TB

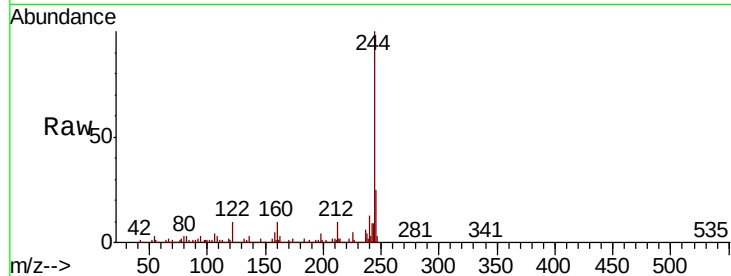
Tot Ion:244 Resp: 2525992

Ion Ratio Lower Upper

244 100

212 10.0 7.7 11.5

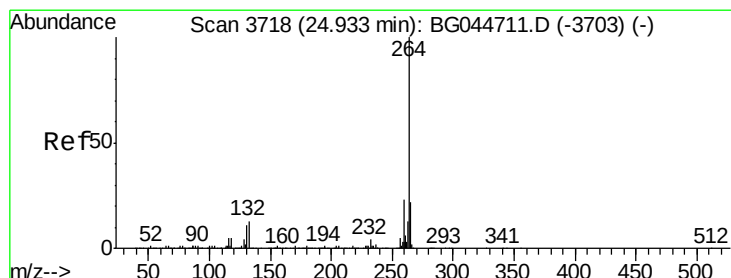
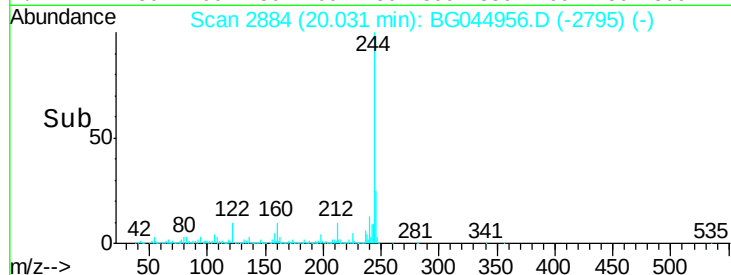
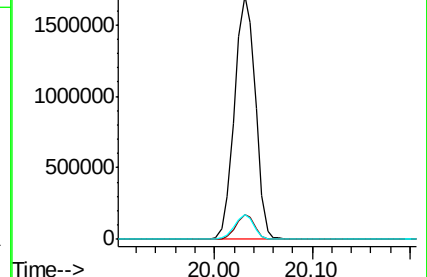
122 10.1 8.6 12.8



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: 24.89 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044956.D

Acq: 7 Apr 2020 15:42

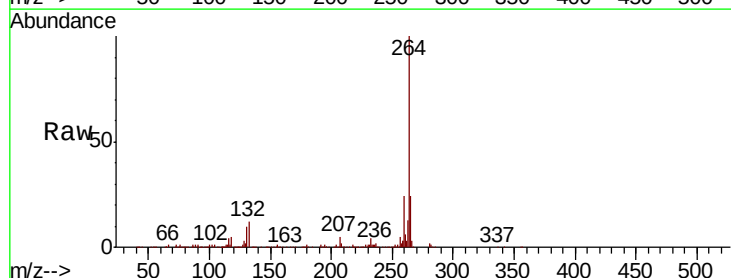
Tgt Ion:264 Resp: 541970

Ion Ratio Lower Upper

264 100

260 23.6 18.1 27.1

265 23.9 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

