

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044785.D
 Acq On : 14 Mar 2020 5:31
 Operator : CG/JU
 Sample : PB127427TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127427TB

Quant Time: Mar 14 06:41:40 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	119045	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	485444	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	327783	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	675598	20.00	ng	0.00
76) Chrysene-d12	21.70	240	556614	20.00	ng	-0.01
87) Perylene-d12	24.91	264	604677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	758615	99.20	ng	0.00
7) Phenol-d6	7.21	99	1091033	98.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	734340	66.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	422151	98.36	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1527274	66.72	ng	0.00
79) Terphenyl-d14	20.04	244	2095874	70.43	ng	0.00

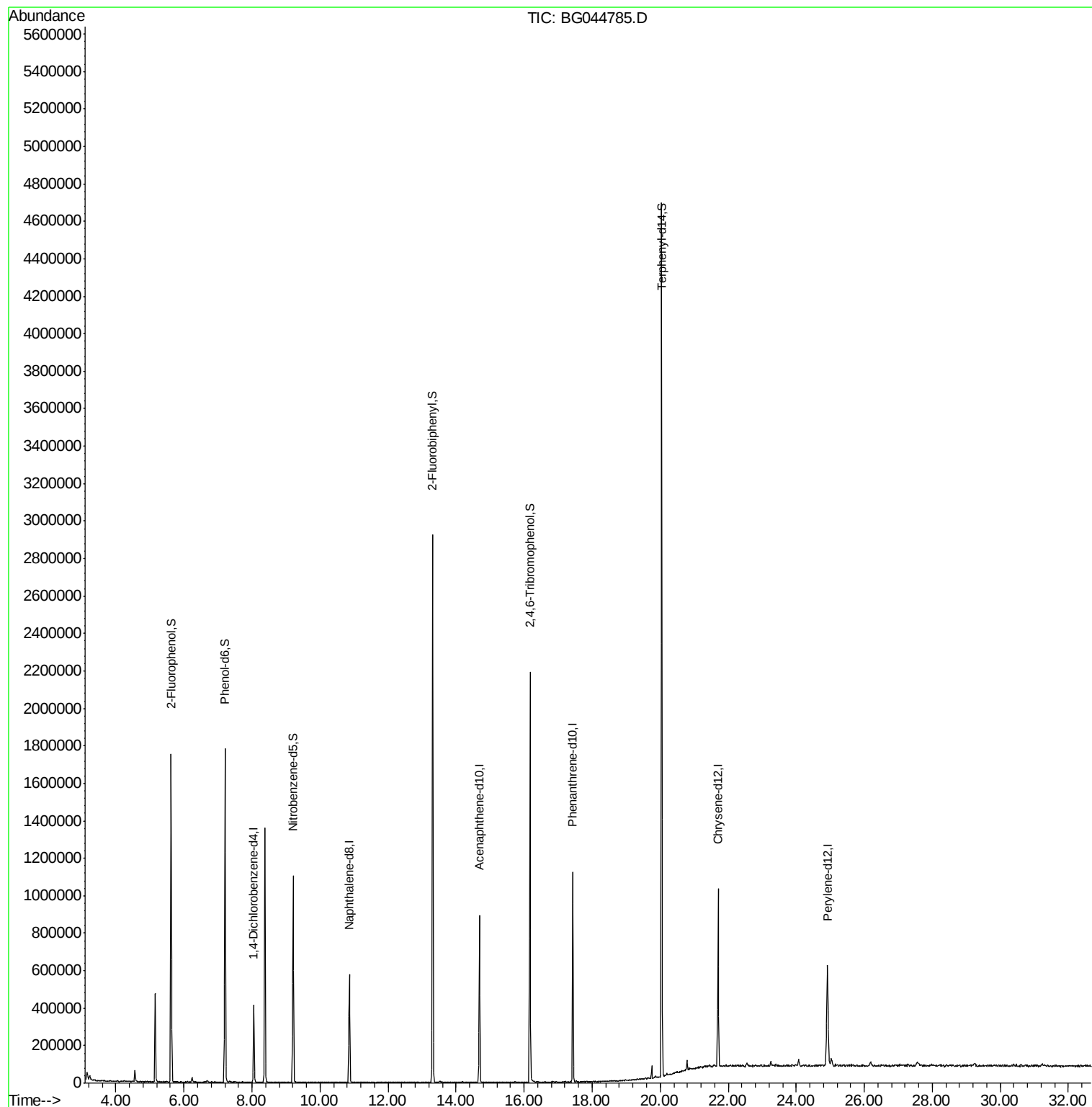
Target Compounds Qvalue

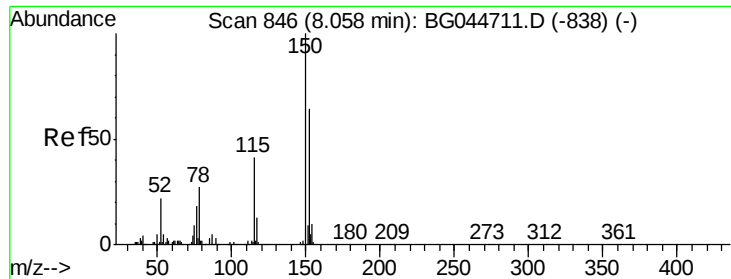
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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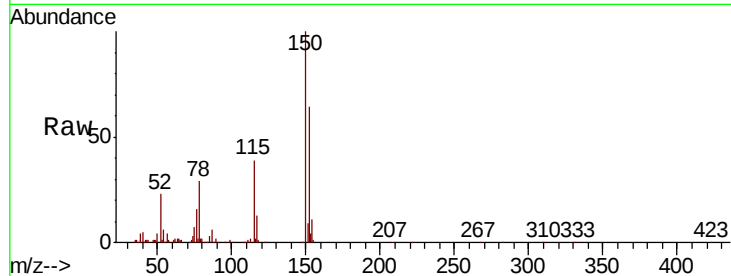


#1

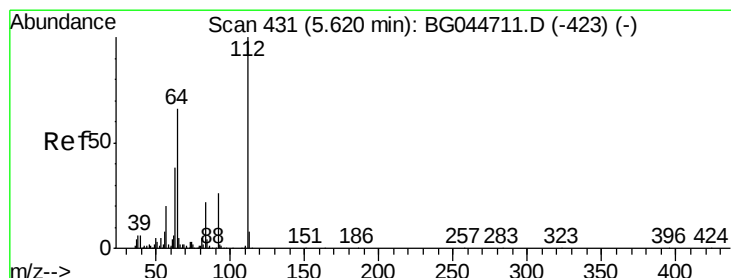
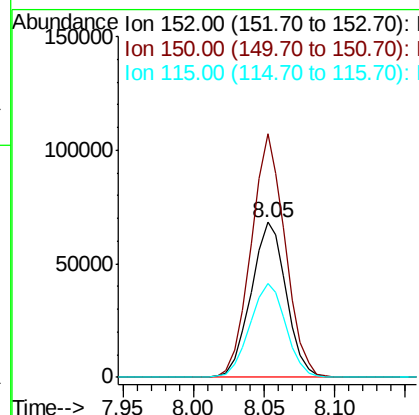
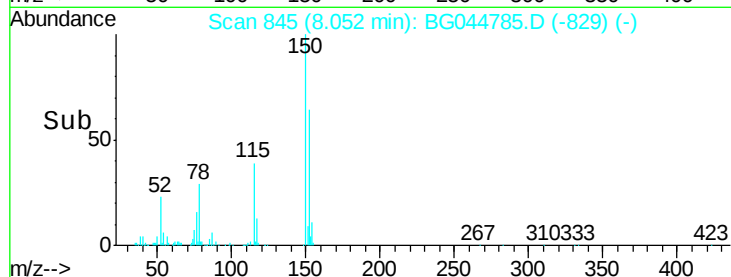
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044785.D
Acq: 14 Mar 2020 5:31

Instrument :
BNA_G
ClientSampleId :
PB127427TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	60.8	51.7	77.5



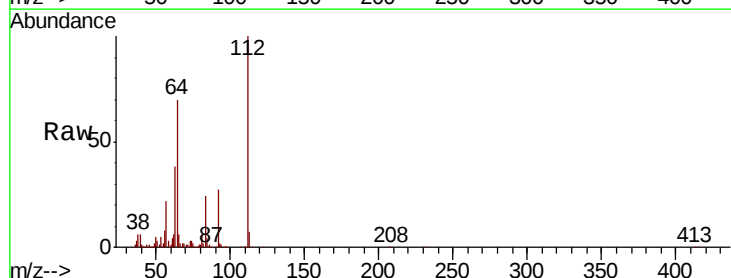
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



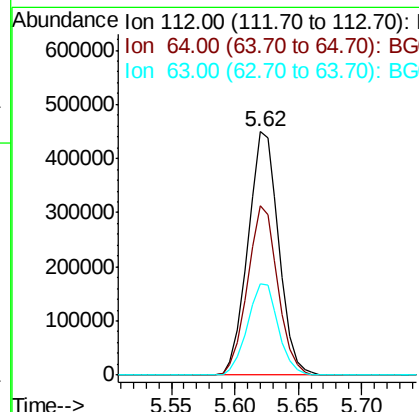
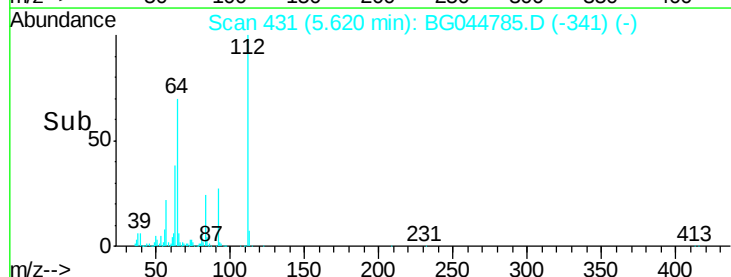
#5

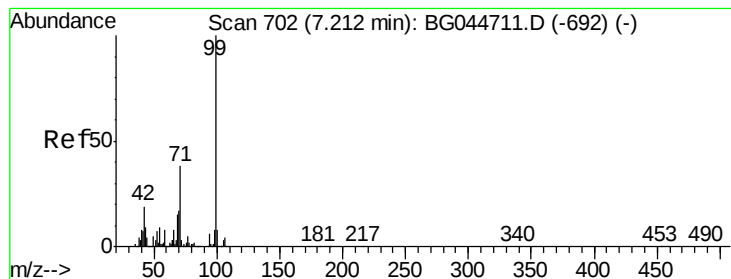
2-Fluorophenol
Concen: 99.200 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044785.D
Acq: 14 Mar 2020 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.6	78.8
63	37.6	30.2	45.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.194 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

Instrument :

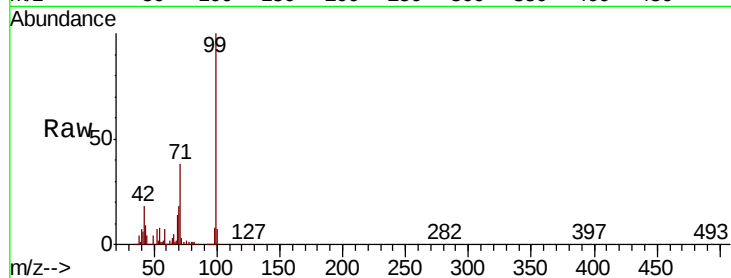
BNA_G

ClientSampleId :

PB127427TB

Tot Ion: 99 Resp: 1091033

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.4	23.0
71	37.5	30.2	45.4

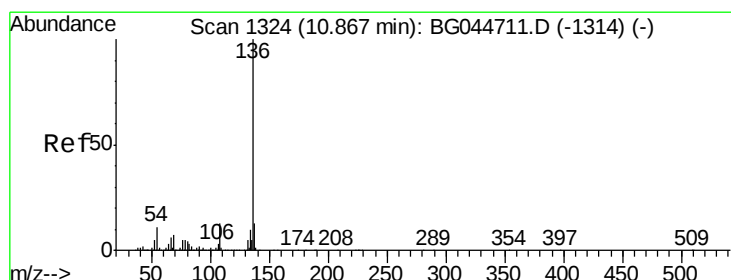
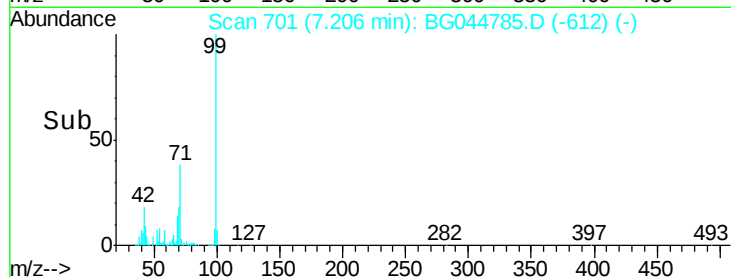
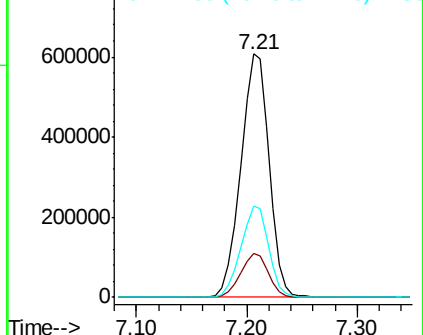


Abundance

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

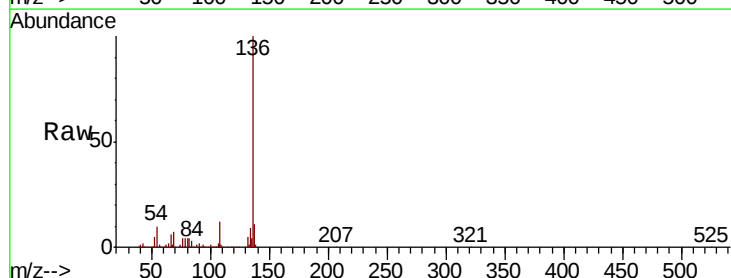
Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

Tgt Ion: 136 Resp: 485444

Ion	Ratio	Lower	Upper
136	100		
137	11.1	10.7	16.1
54	9.9	9.0	13.4
68	7.1	5.9	8.9



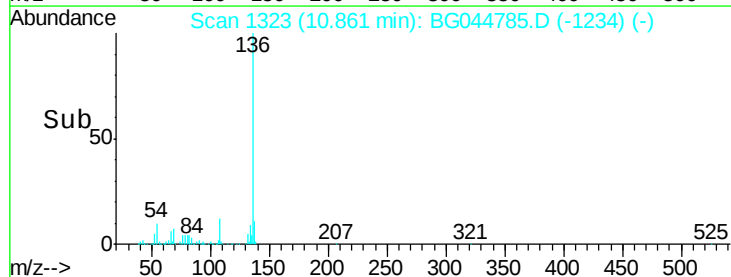
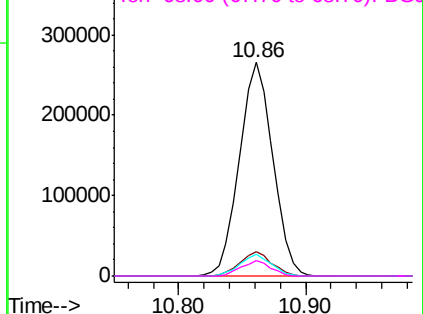
Abundance

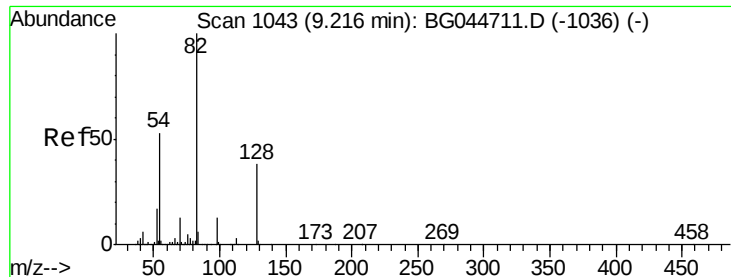
Ion 136.00 (135.70 to 136.70): BGC

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

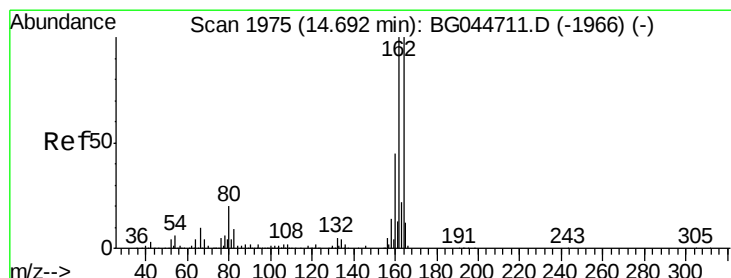
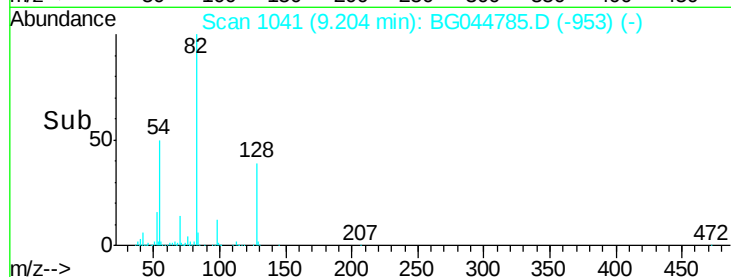
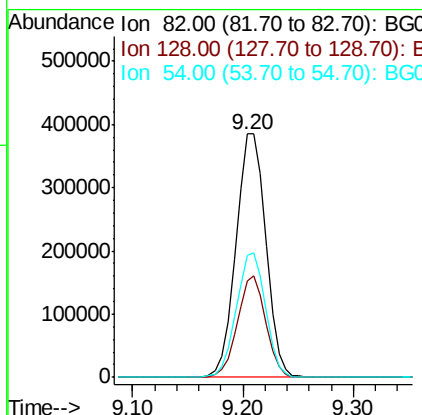
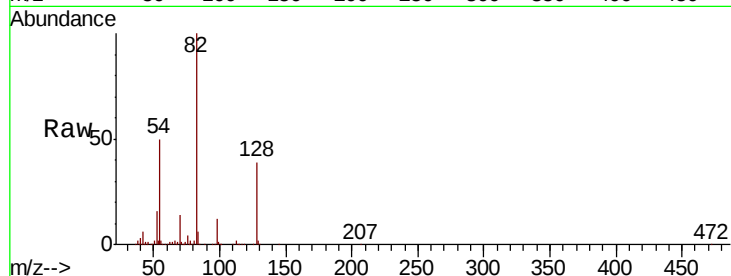




#23
Nitrobenzene-d5
Concen: 66.380 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044785.D
Acq: 14 Mar 2020 5:31

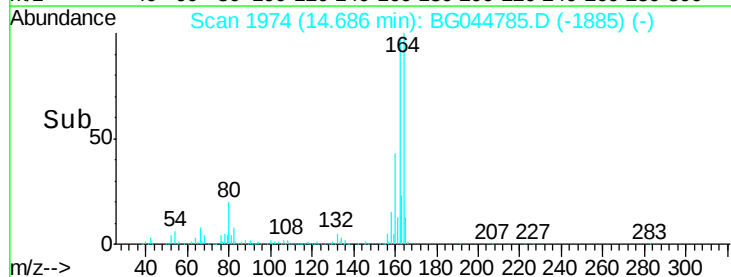
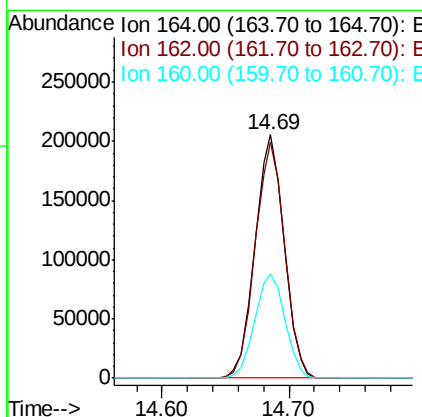
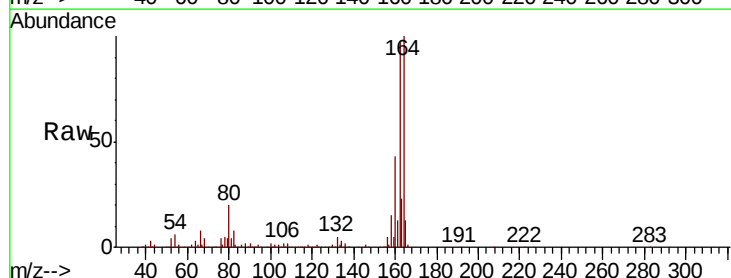
Instrument :
BNA_G
ClientSampleId :
PB127427TB

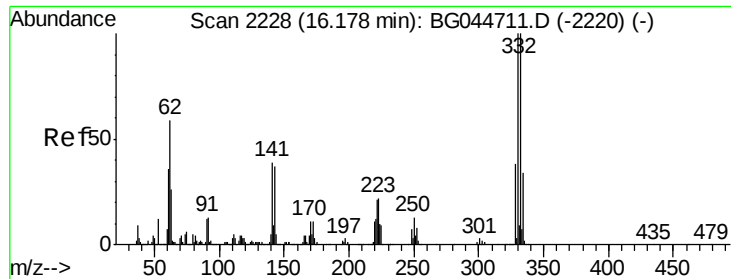
Tot Ion	82	Resp	734340
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.2	45.2
54	50.0	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044785.D
Acq: 14 Mar 2020 5:31

Tgt Ion	164	Resp	327783
Ion Ratio	Lower	Upper	
164	100		
162	96.9	80.2	120.4
160	42.6	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 98.362 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

Instrument :

BNA_G

ClientSampleId :

PB127427TB

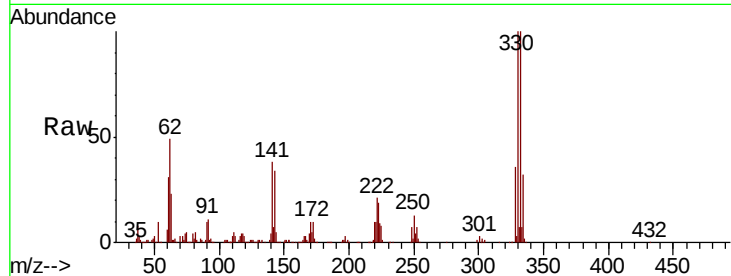
Tot Ion:330 Resp: 422151

Ion Ratio Lower Upper

330 100

332 98.6 77.5 116.3

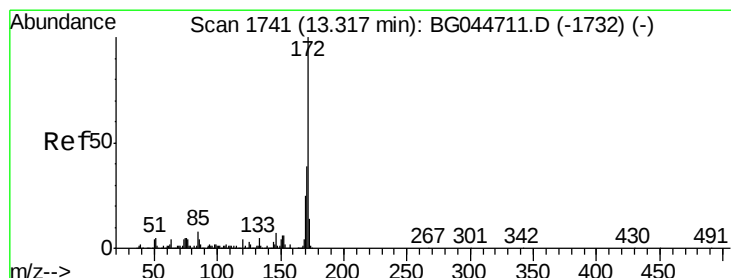
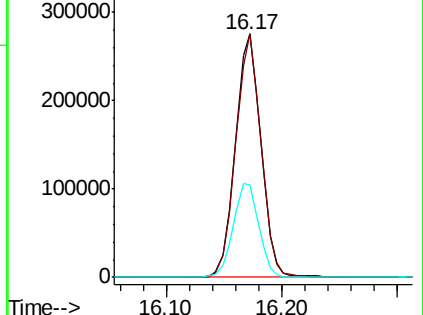
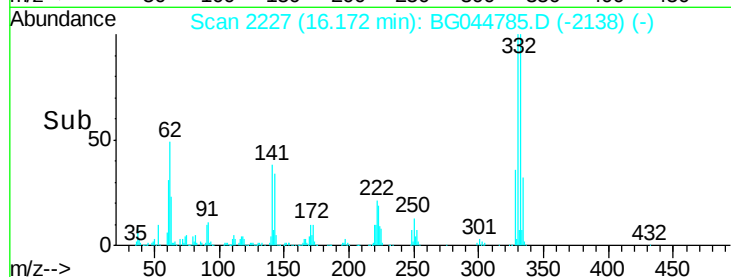
141 39.1 31.7 47.5



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: 66.724 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

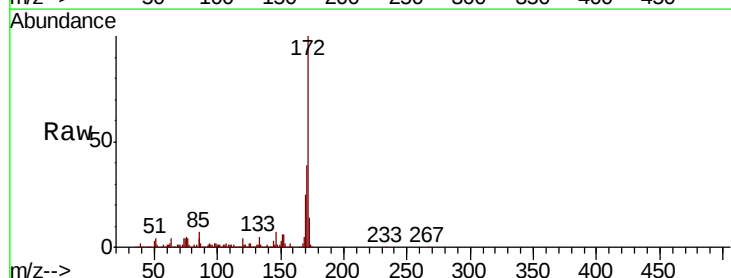
Tgt Ion:172 Resp: 1527274

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

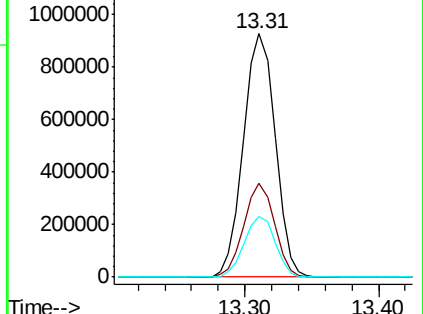
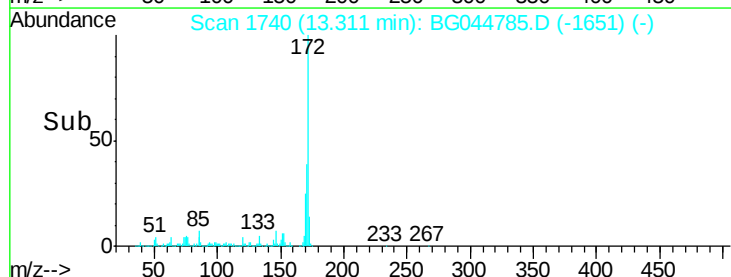
170 25.0 20.0 30.0

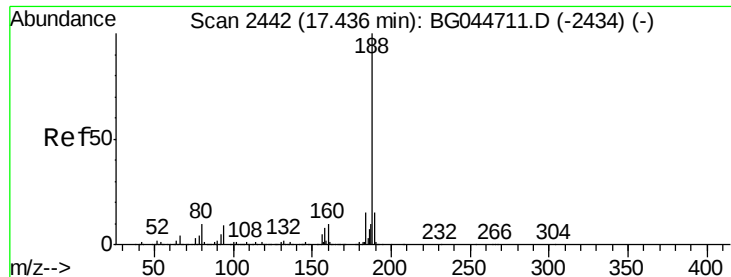


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

Instrument :

BNA_G

ClientSampleId :

PB127427TB

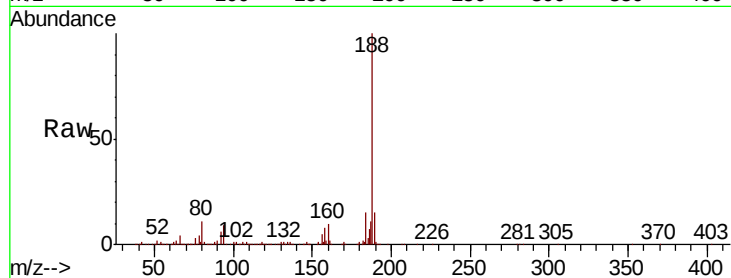
Tot Ion:188 Resp: 675598

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

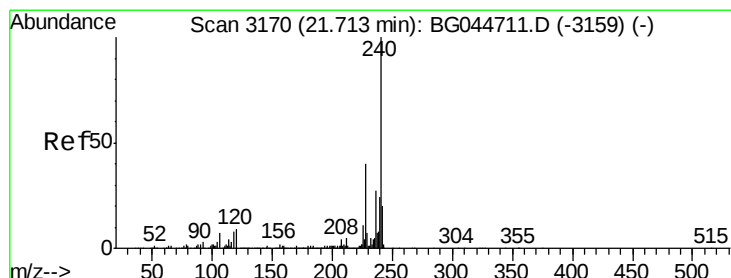
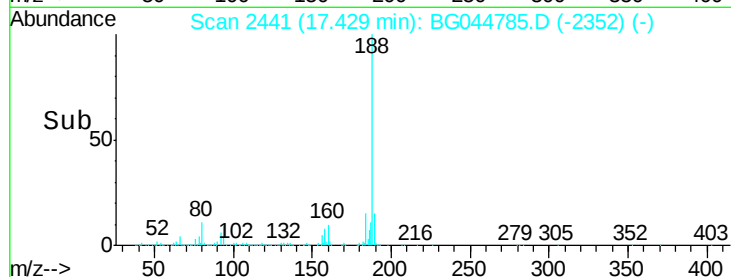
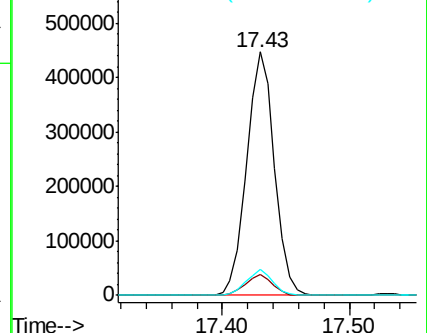
80 10.8 8.4 12.6



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

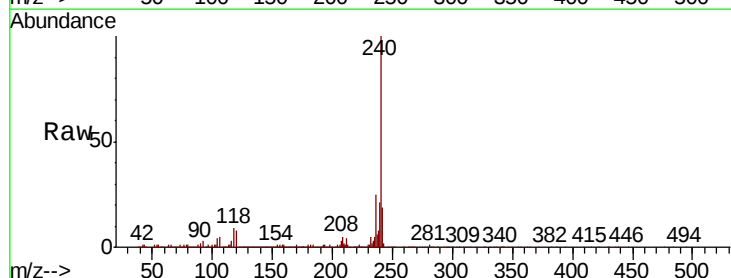
Tgt Ion:240 Resp: 556614

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

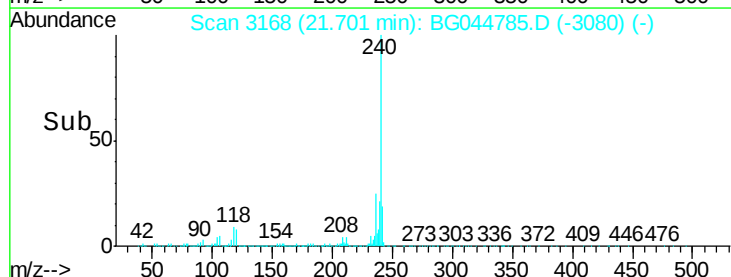
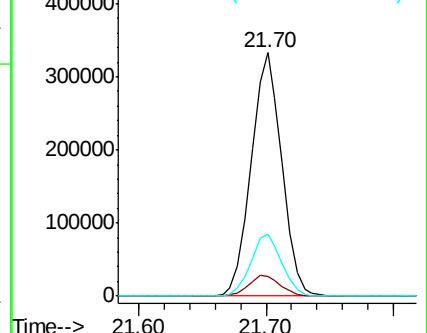
236 25.4 21.9 32.9

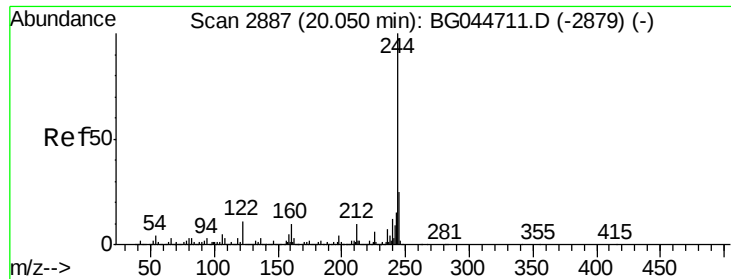


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.434 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

Instrument :

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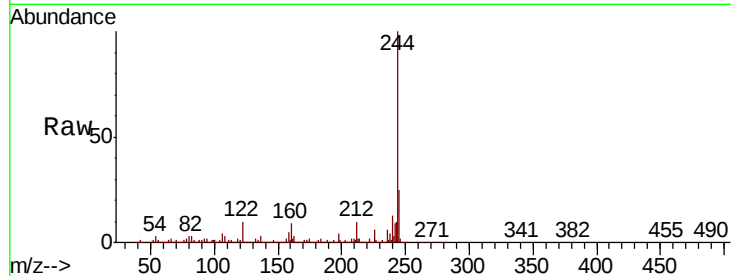
Tot Ion:244 Resp: 2095874

Ion Ratio Lower Upper

244 100

212 9.9 8.4 12.6

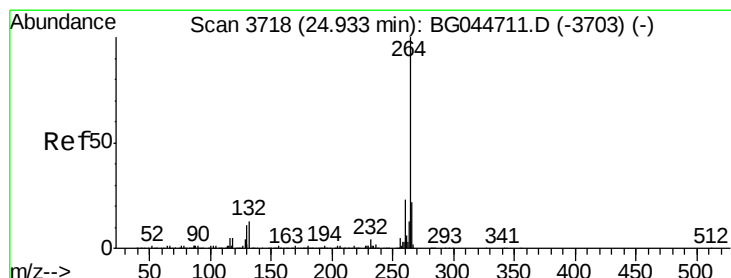
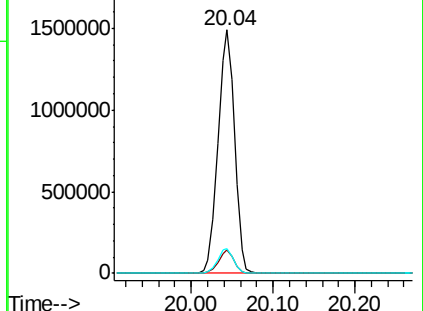
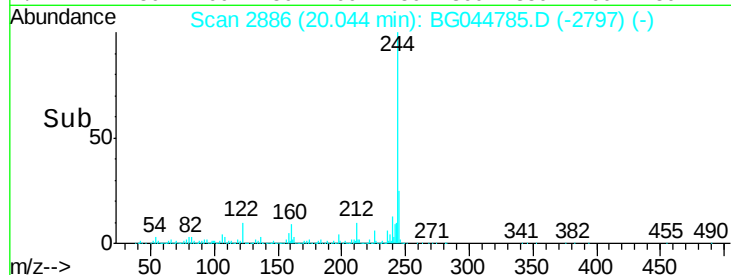
122 10.4 8.7 13.1



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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044785.D

Acq: 14 Mar 2020 5:31

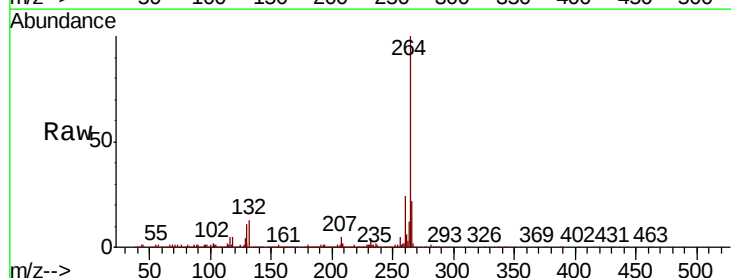
Tgt Ion:264 Resp: 604677

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.9 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

