

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044439.D
 Acq On : 14 Feb 2020 15:20
 Operator : CG/JU
 Sample : PB126818BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

Quant Time: Feb 15 06:12:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	70747	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	275874	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175270	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	409955	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	411582	20.00	ng	-0.02
87) Perylene-d12	24.60	264	420393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	607936	151.65	ng	0.00
7) Phenol-d6	7.07	99	766615	142.41	ng	0.00
23) Nitrobenzene-d5	9.05	82	469089	96.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	305631	148.54	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1071847	102.41	ng	0.00
79) Terphenyl-d14	19.90	244	1845654	92.24	ng	0.00

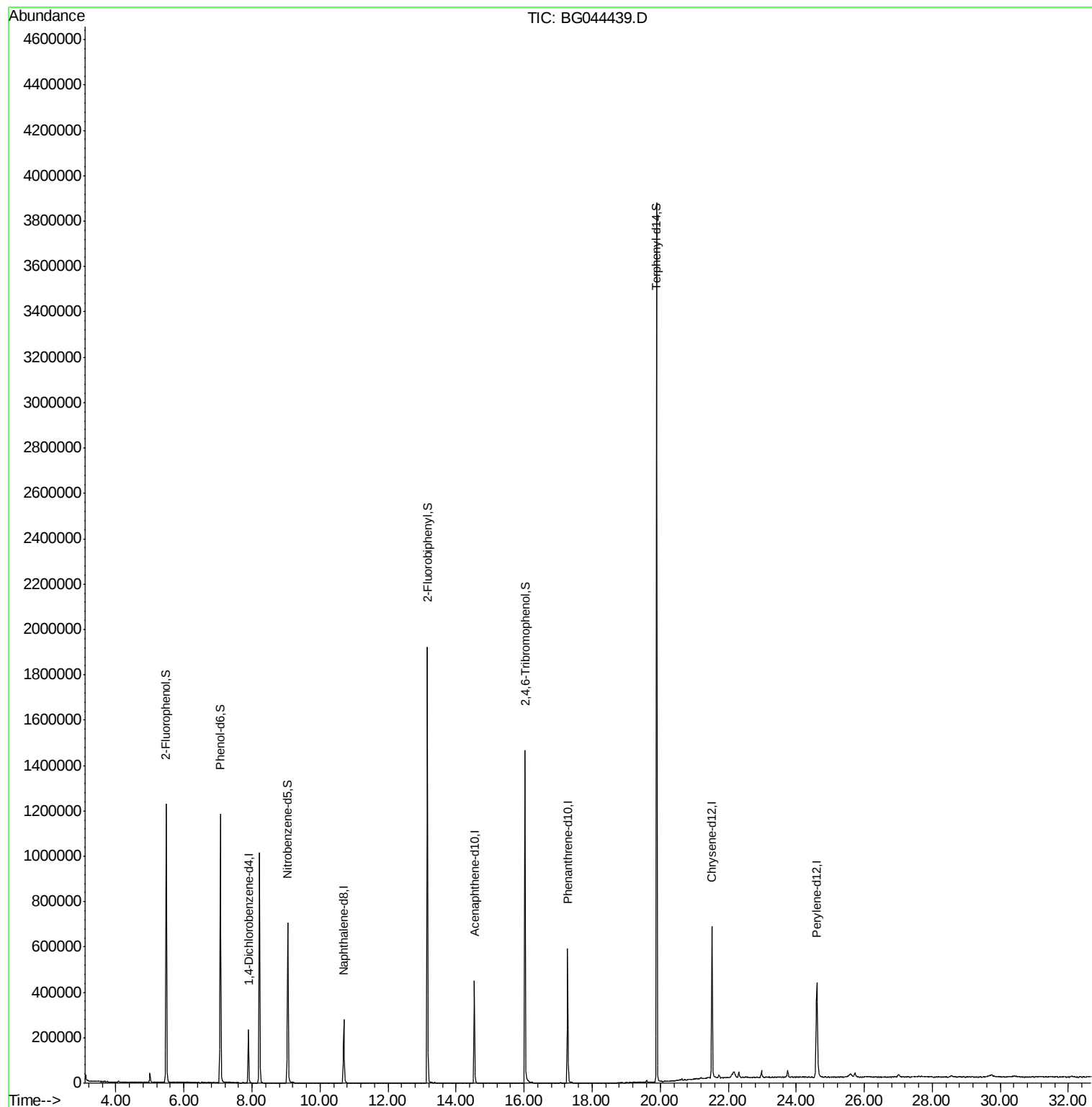
Target Compounds Qvalue

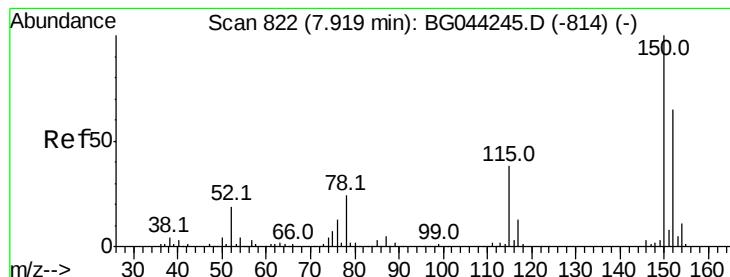
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

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BNA_G

ClientSampleId :

PB126818BL

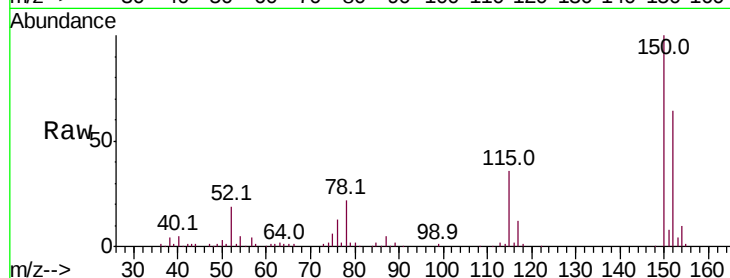
Tot Ion:152 Resp: 70747

Ion Ratio Lower Upper

152 100

150 156.2 122.6 183.8

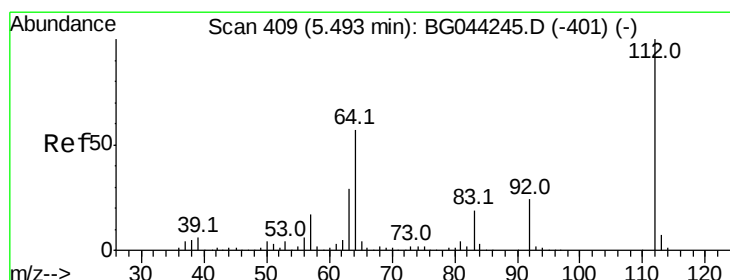
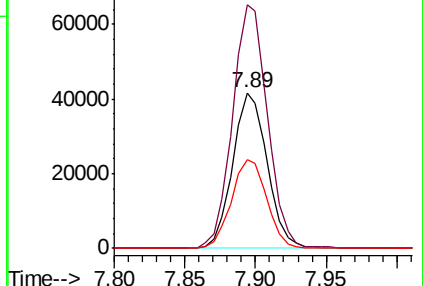
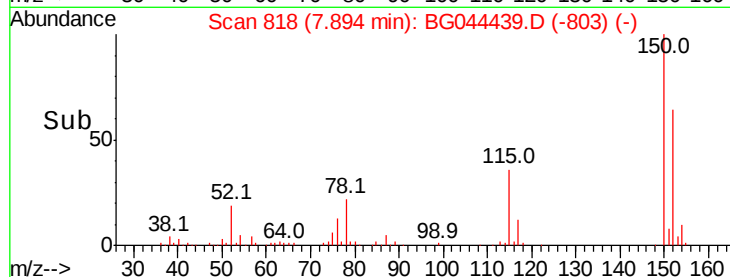
115 56.7 46.0 69.0



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: 151.655 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

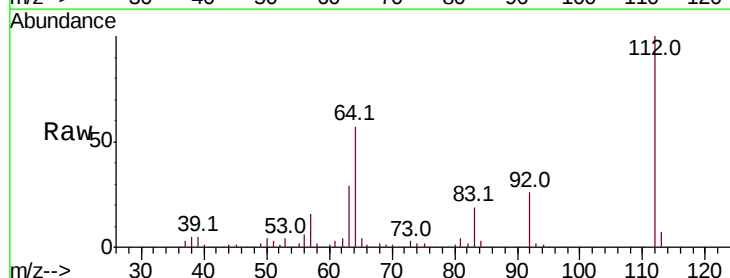
Tgt Ion:112 Resp: 607936

Ion Ratio Lower Upper

112 100

64 57.5 45.4 68.2

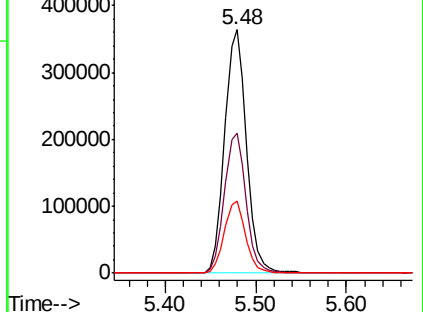
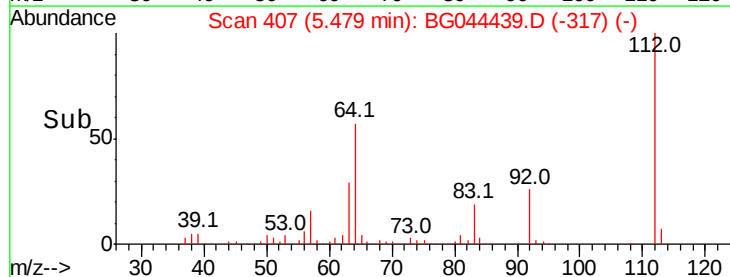
63 29.5 22.9 34.3

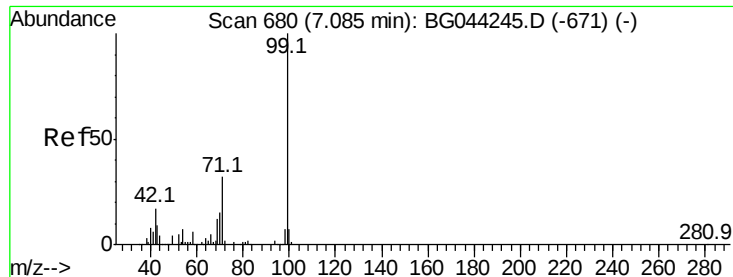


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.412 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

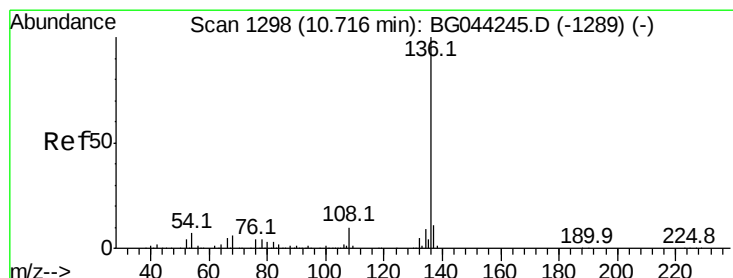
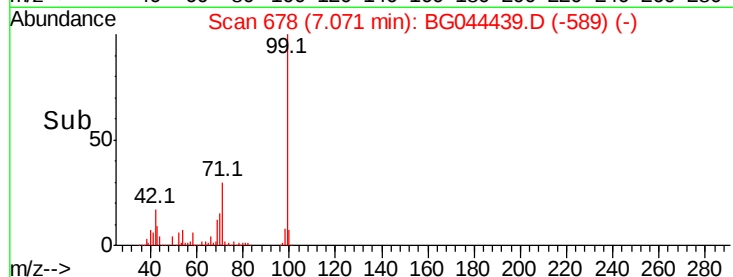
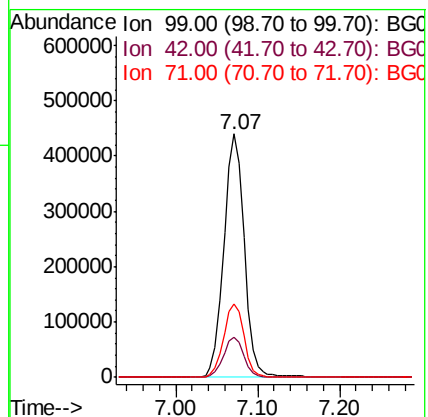
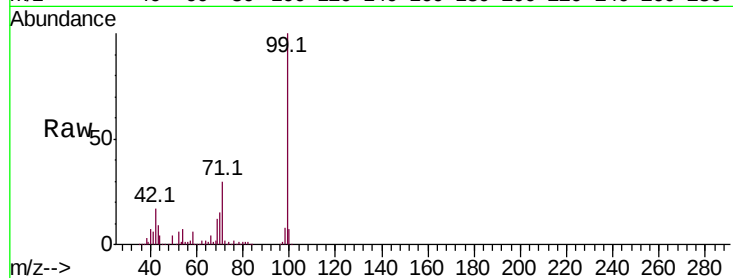
Tot Ion: 99 Resp: 766615

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 30.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Tgt Ion: 136 Resp: 275874

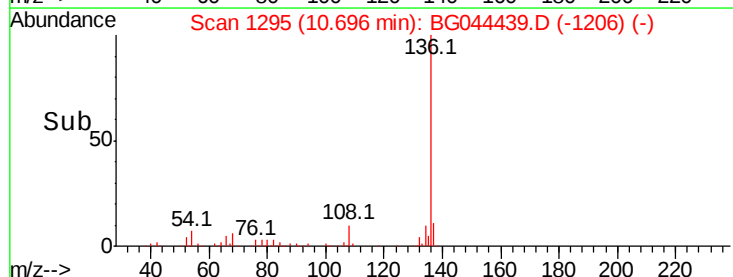
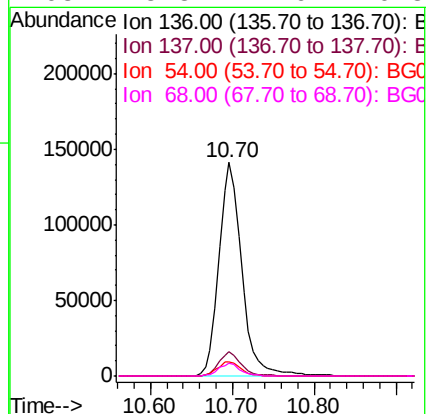
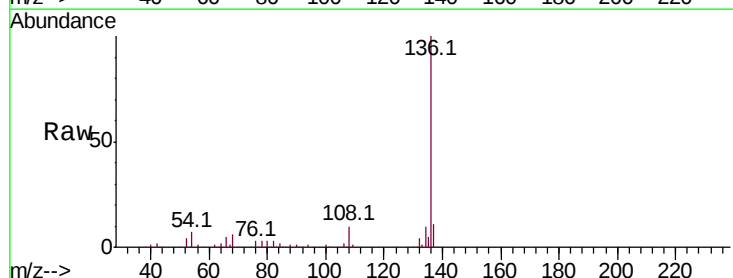
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.7 5.8 8.8

68 5.8 4.6 6.8

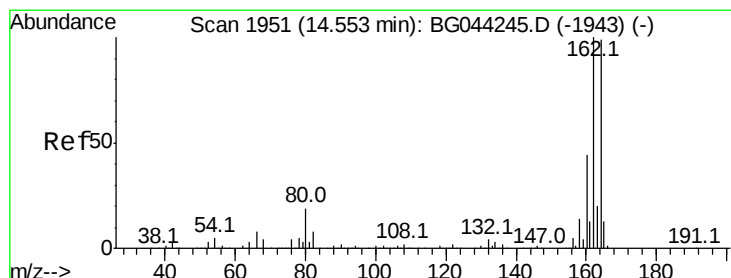
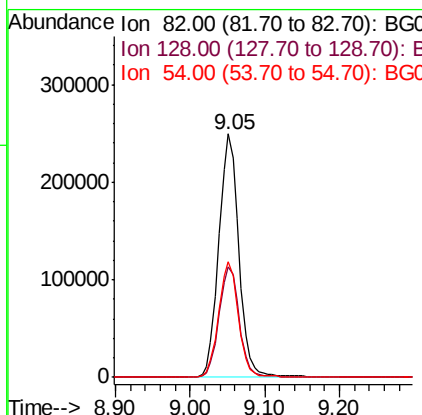
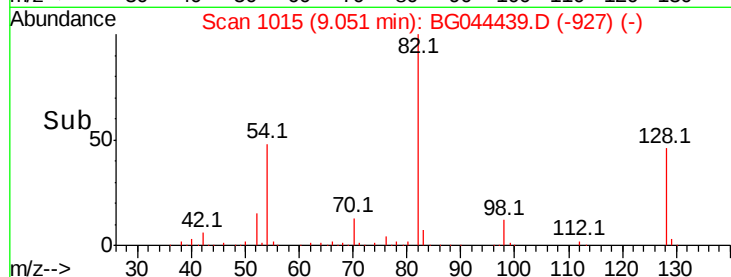
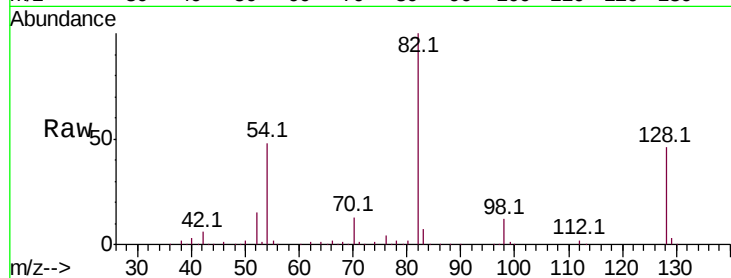




#23
Nitrobenzene-d5
Concen: 95.997 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

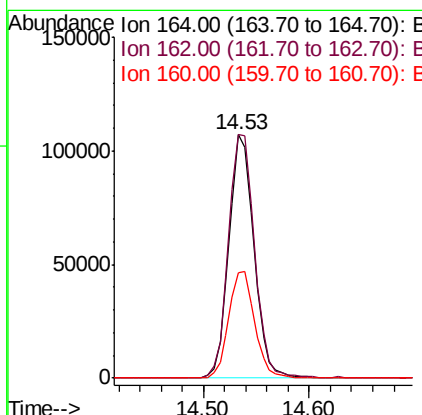
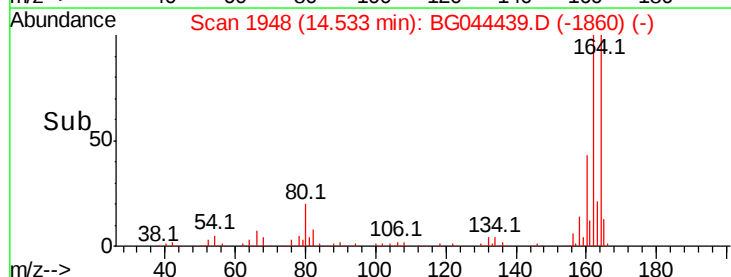
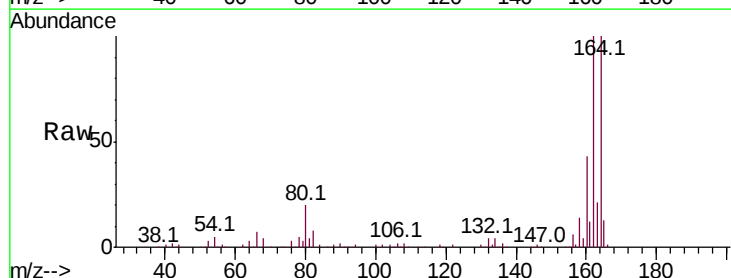
Instrument :
BNA_G
ClientSampleId :
PB126818BL

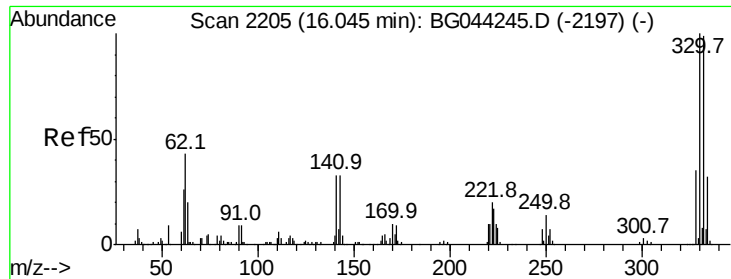
Tot Ion	82	Resp	469089
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.5	54.7
54	47.5	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

Tgt Ion	164	Resp	175270
Ion Ratio	Lower	Upper	
164	100		
162	100.1	80.7	121.1
160	43.4	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 148.540 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

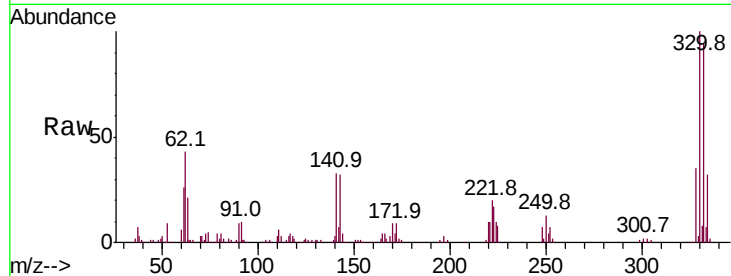
Tot Ion:330 Resp: 305631

Ion Ratio Lower Upper

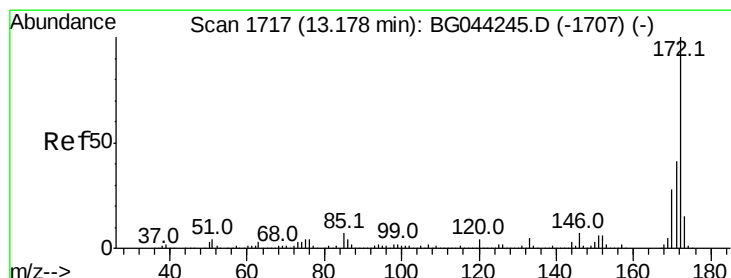
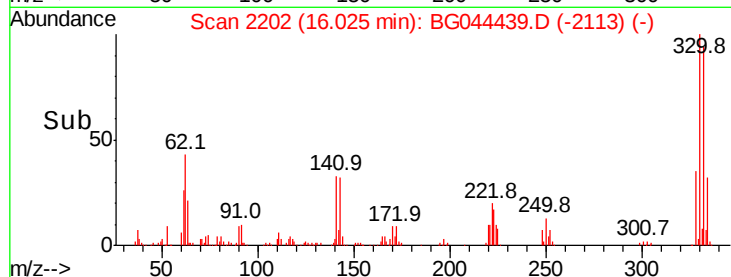
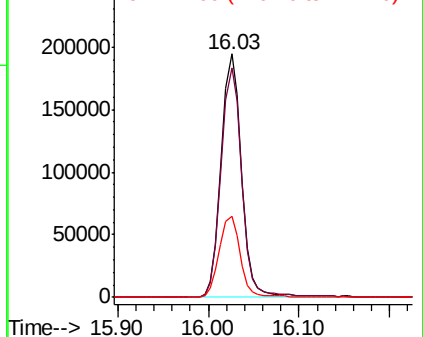
330 100

332 95.4 77.2 115.8

141 34.3 28.3 42.5



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: 102.406 ng

RT: 13.16 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

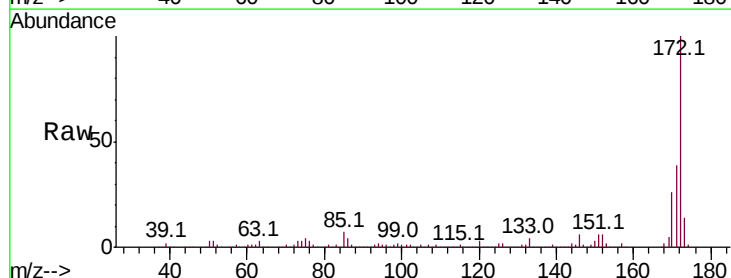
Tgt Ion:172 Resp: 1071847

Ion Ratio Lower Upper

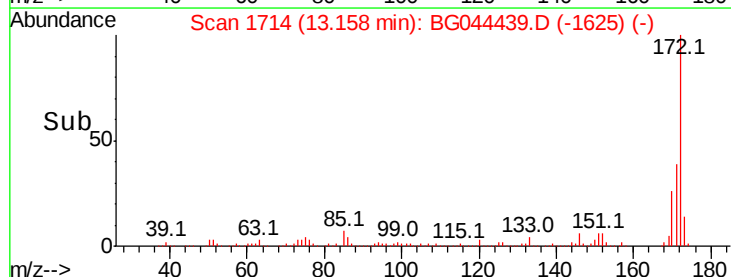
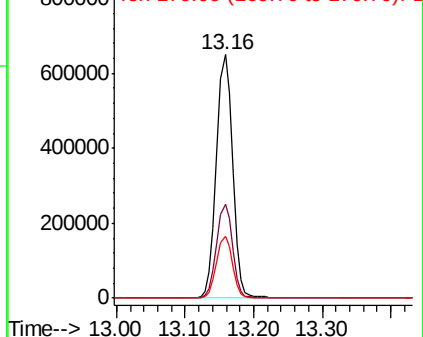
172 100

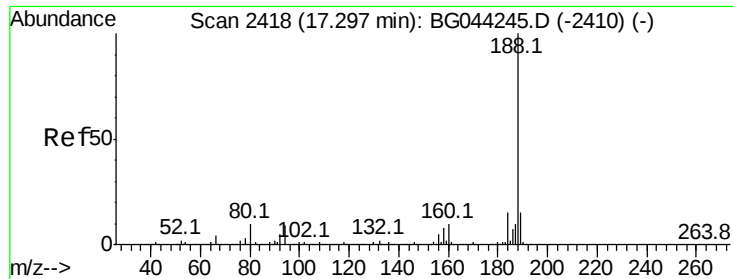
171 38.8 32.9 49.3

170 25.6 22.0 33.0



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

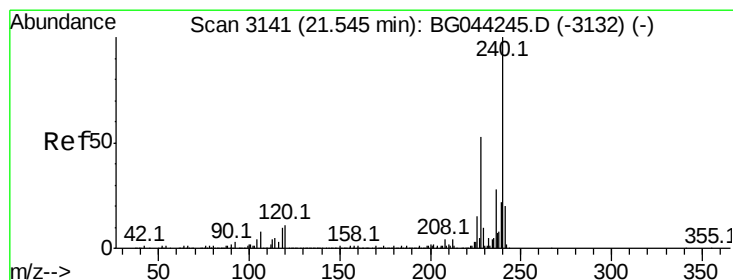
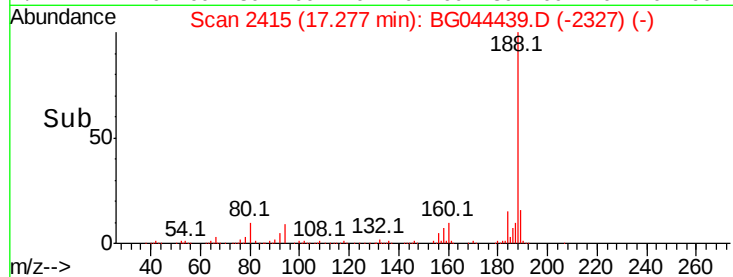
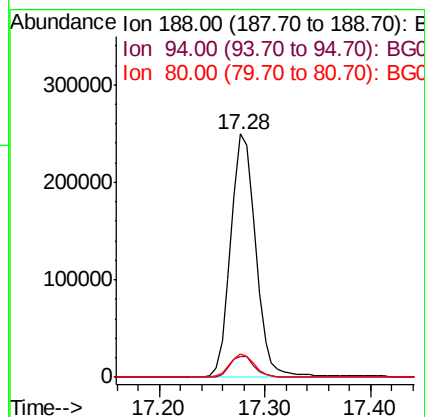
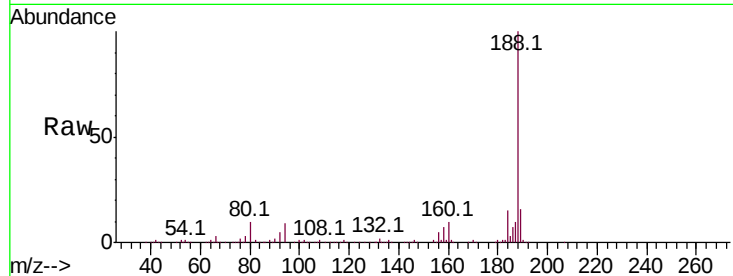




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

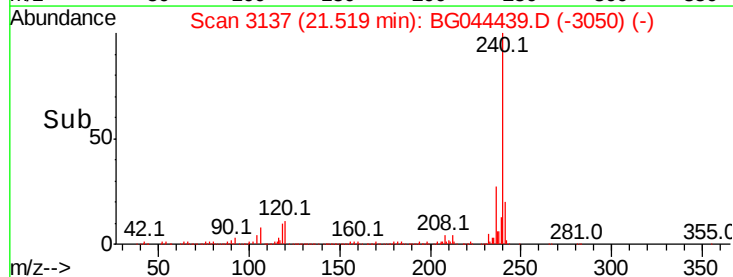
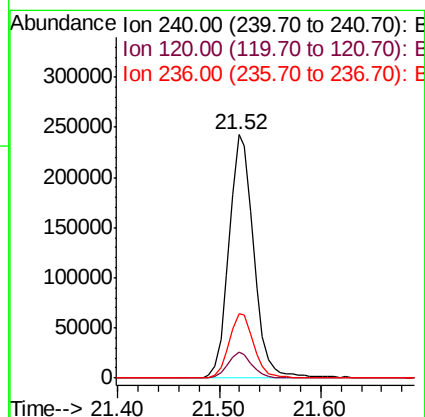
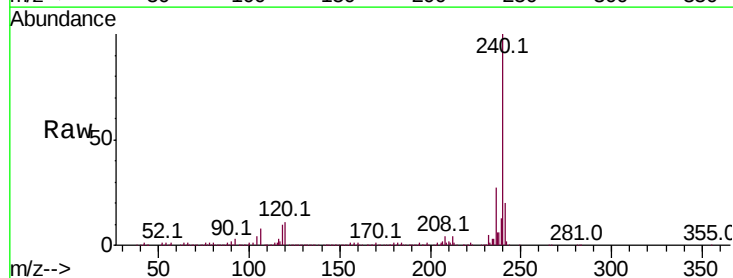
Instrument :
BNA_G
ClientSampleId :
PB126818BL

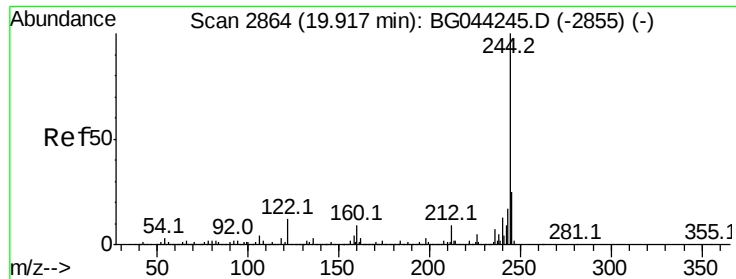
Tot Ion:188 Resp: 409955
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

Tgt Ion:240 Resp: 411582
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 26.6 22.1 33.1





#79

Terphenyl-d14

Concen: 92.236 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

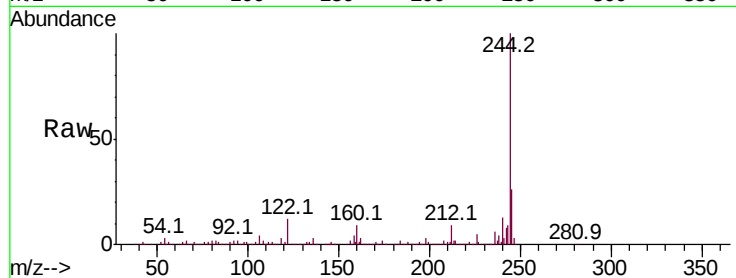
Tot Ion:244 Resp: 1845654

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

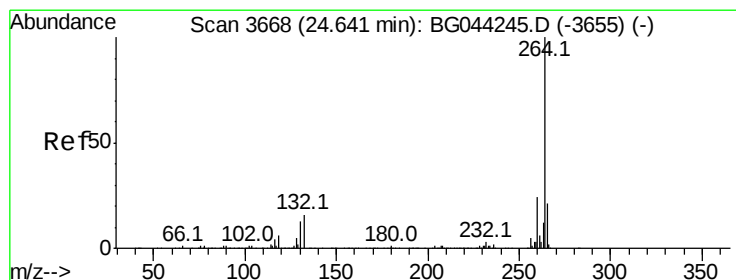
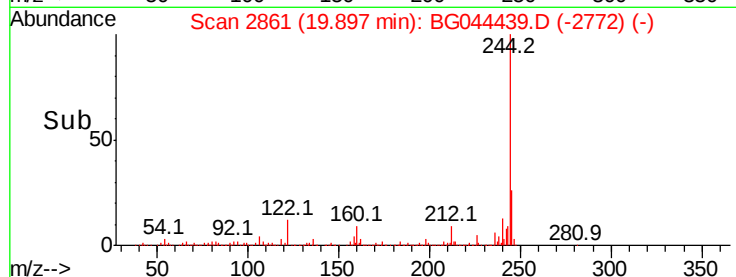
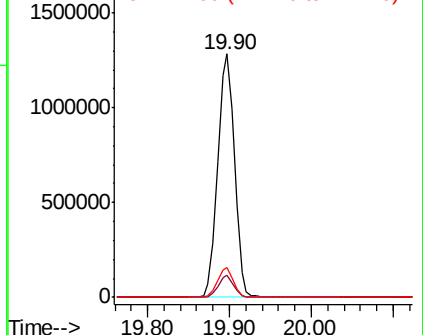
122 12.1 9.8 14.6



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: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

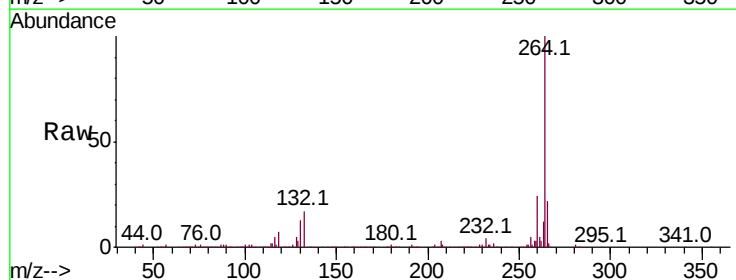
Tgt Ion:264 Resp: 420393

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.3 16.7 25.1



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

