

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045802.D
 Acq On : 18 Jun 2020 21:01
 Operator : CG/JU
 Sample : L3024-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-17

Quant Time: Jun 19 03:44:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52751	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196001	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	137370	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	328958	20.00	ng	0.00
76) Chrysene-d12	21.57	240	325722	20.00	ng	0.00
86) Perylene-d12	24.70	264	332721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	372747	119.36	ng	0.00
7) Phenol-d6	7.15	99	463832	97.65	ng	-0.01
23) Nitrobenzene-d5	9.08	82	413897	96.47	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	304019	146.59	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	941433	100.71	ng	0.00
79) Terphenyl-d14	19.93	244	1676038	104.28	ng	0.00

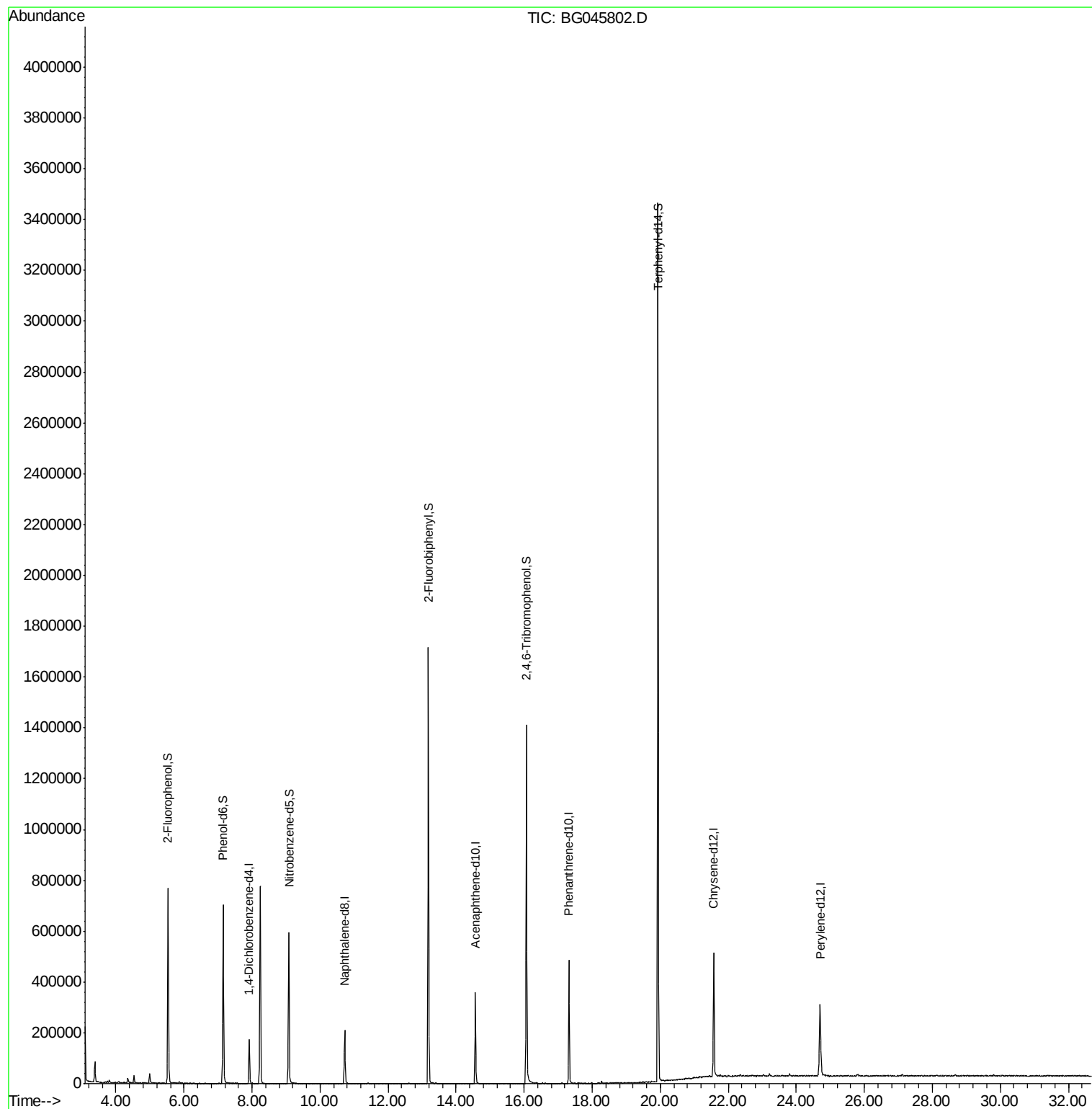
Target Compounds Qvalue

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

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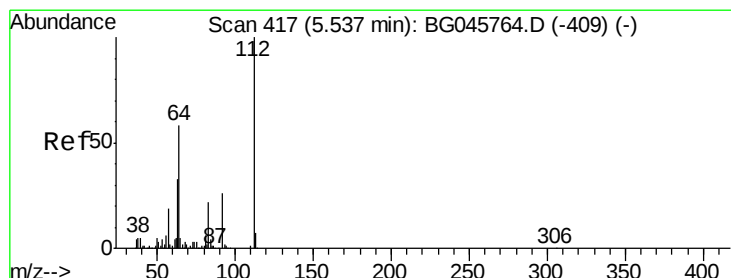
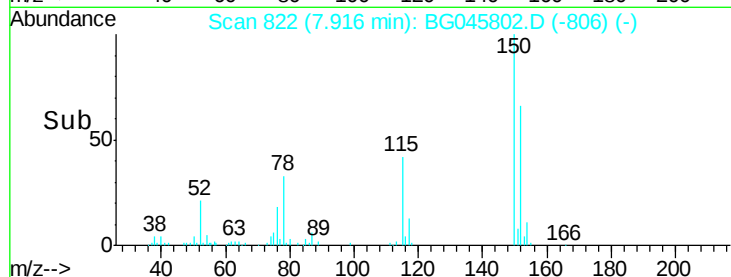
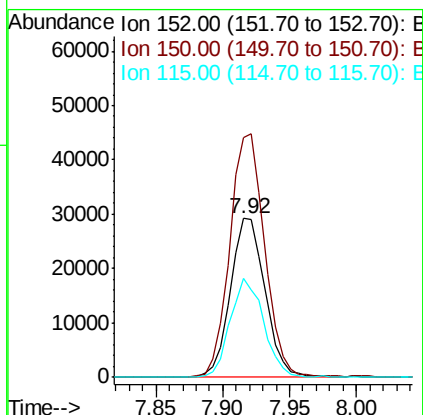
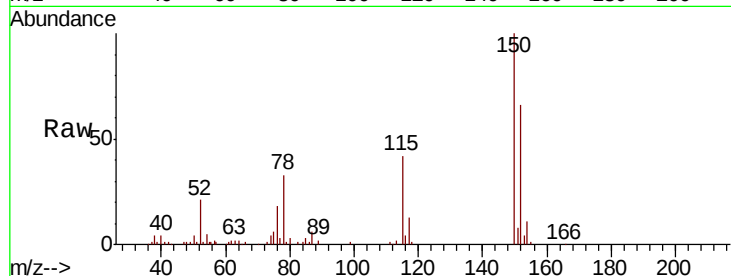


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Instrument :
BNA_G
ClientSampleId :
RO-17

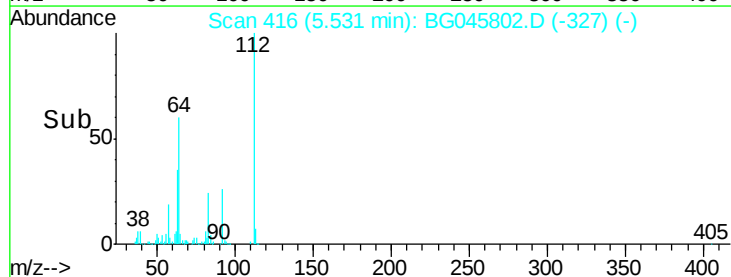
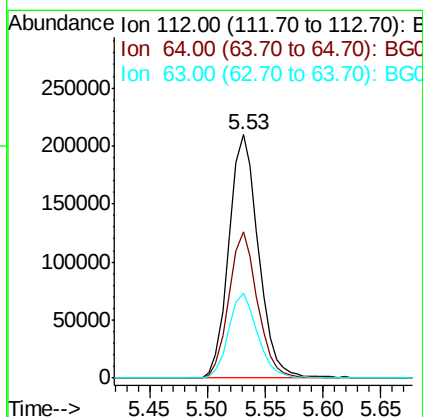
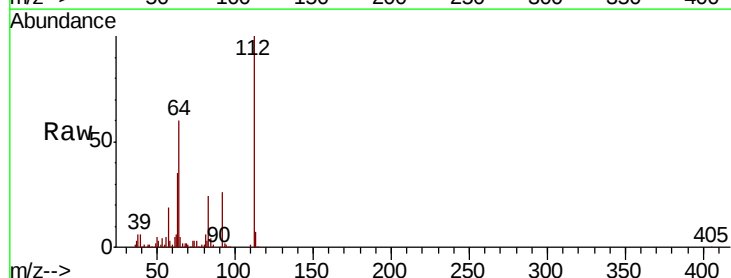
Tot Ion:152 Resp: 52751
Ion Ratio Lower Upper
152 100
150 150.8 113.1 169.7
115 62.7 43.8 65.6

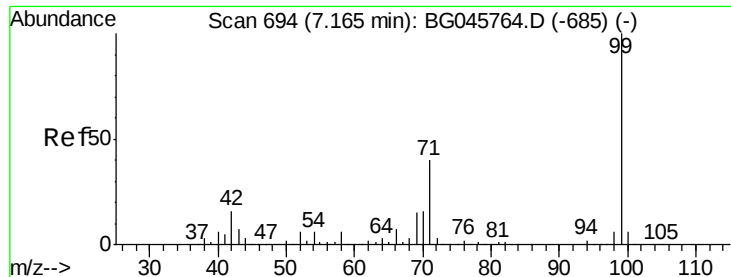


#5

2-Fluorophenol
Concen: 119.364 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion:112 Resp: 372747
Ion Ratio Lower Upper
112 100
64 59.9 46.6 69.8
63 35.1 26.3 39.5





#7

Phenol-d6

Concen: 97.649 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

RO-17

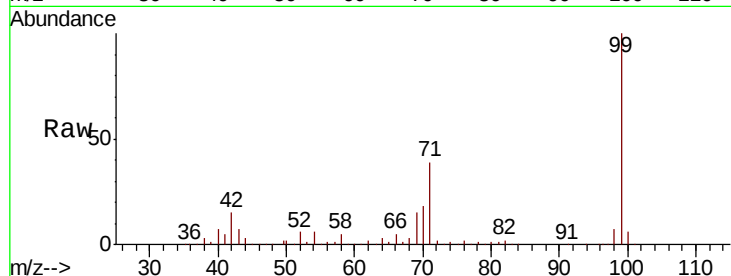
Tot Ion: 99 Resp: 463832

Ion Ratio Lower Upper

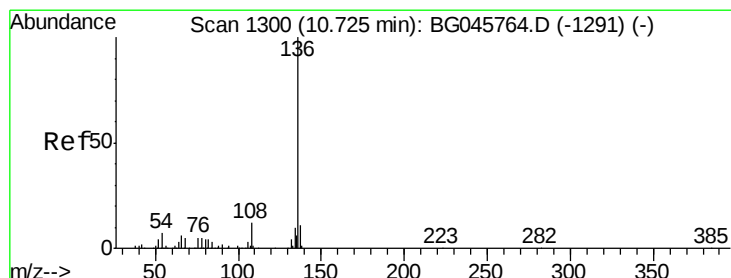
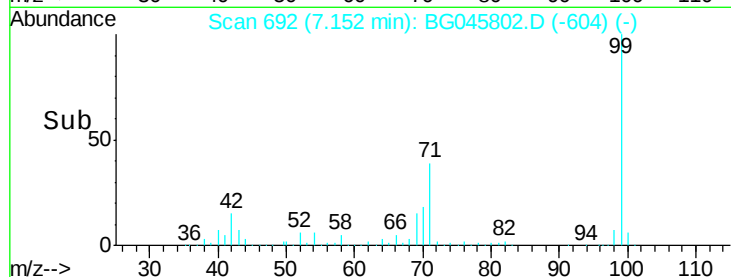
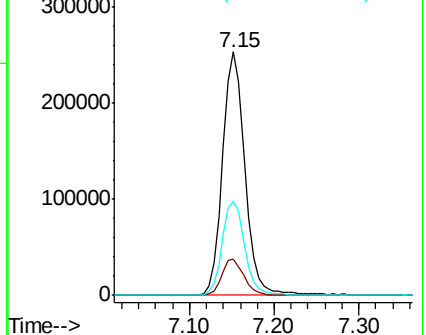
99 100

42 15.1 12.4 18.6

71 38.5 32.1 48.1



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: 10.72 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Tgt Ion: 136 Resp: 196001

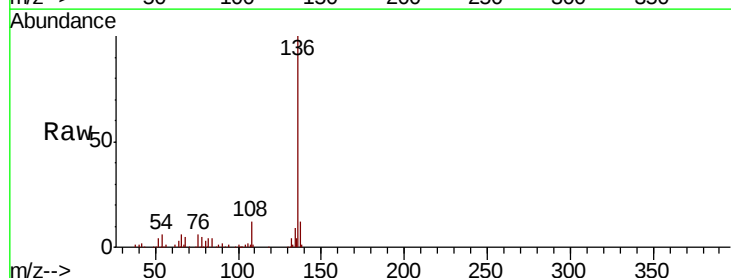
Ion Ratio Lower Upper

136 100

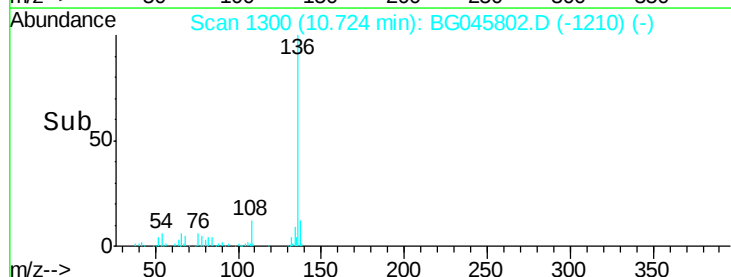
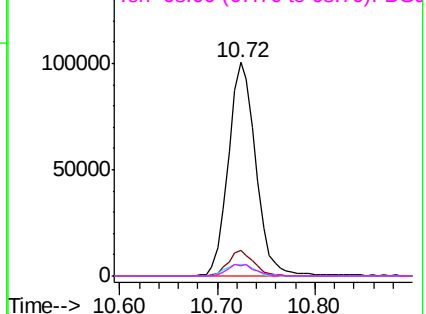
137 11.8 8.7 13.1

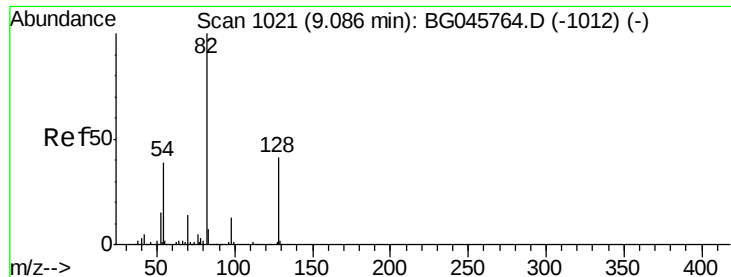
54 5.6 5.8 8.6#

68 5.0 4.0 6.0



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

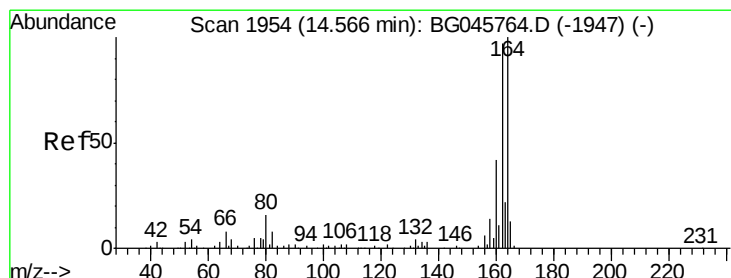
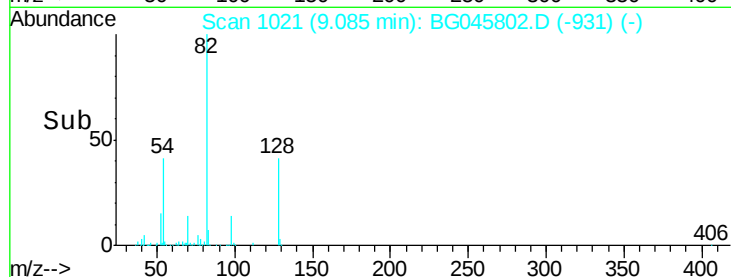
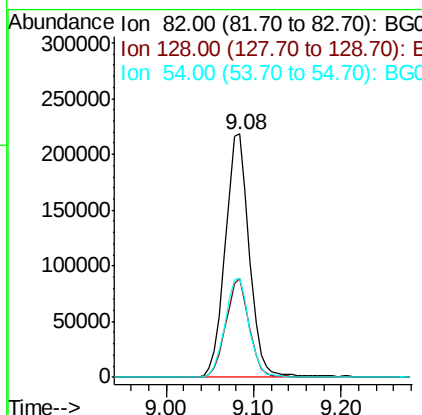
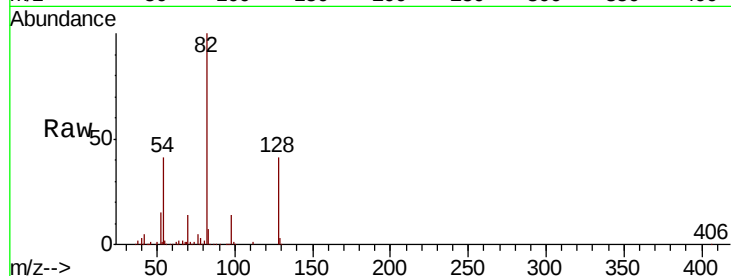




#23
Nitrobenzene-d5
Concen: 96.470 ng
RT: 9.08 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

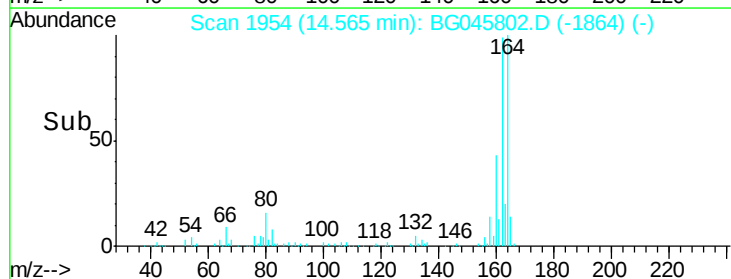
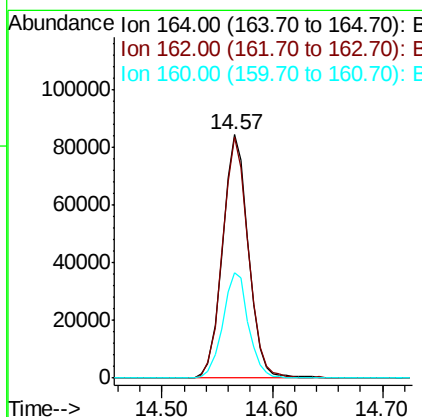
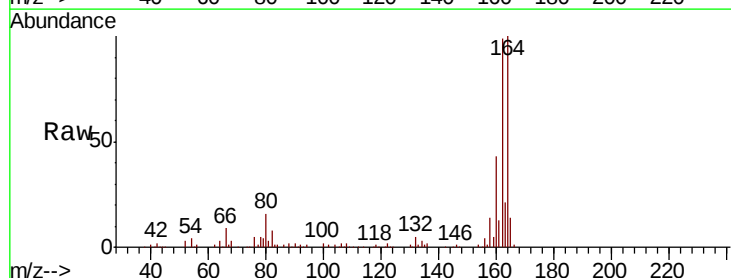
Instrument :
BNA_G
ClientSampled :
RO-17

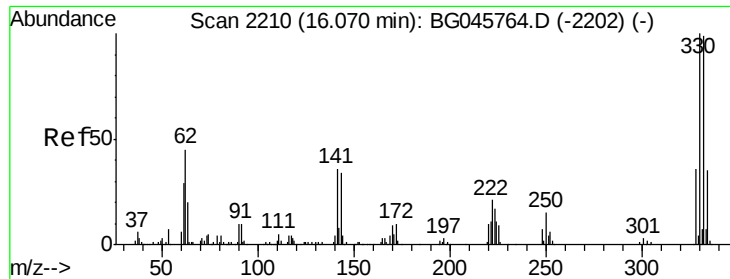
Tot Ion	82	Resp	413897
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.5	48.7
54	40.7	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion	164	Resp	137370
Ion Ratio	Lower	Upper	
164	100		
162	99.1	77.4	116.0
160	43.0	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 146.591 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampled :

RO-17

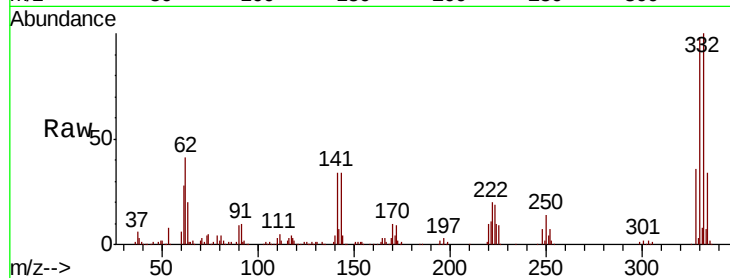
Tot Ion:330 Resp: 304019

Ion Ratio Lower Upper

330 100

332 98.1 78.6 117.8

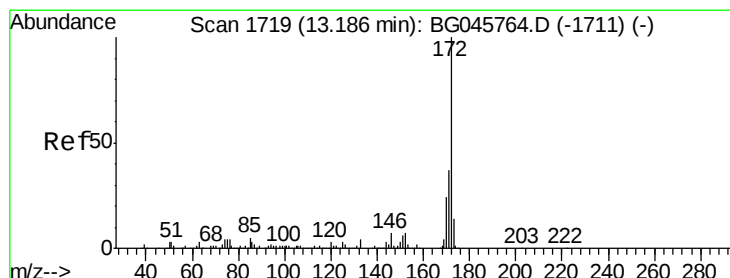
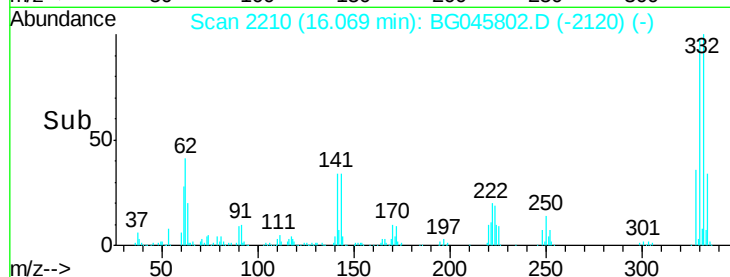
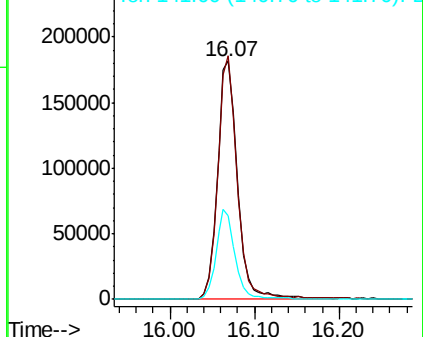
141 35.6 28.2 42.4



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: 100.713 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

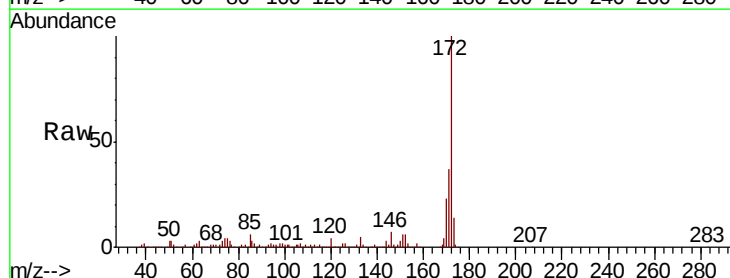
Tgt Ion:172 Resp: 941433

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

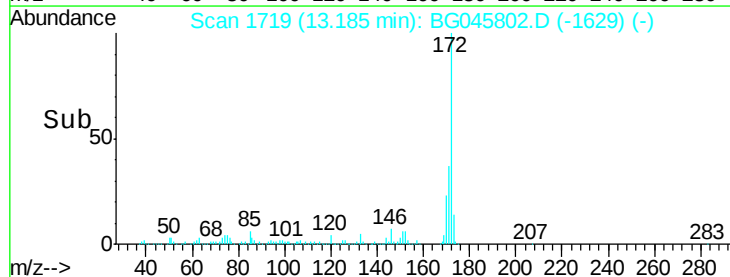
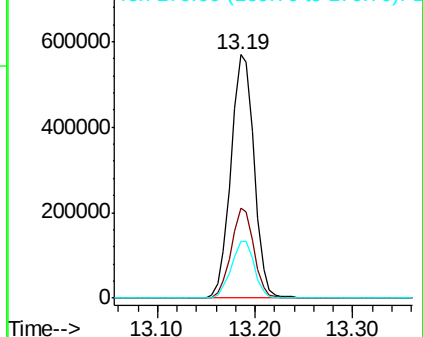
170 23.3 19.3 28.9

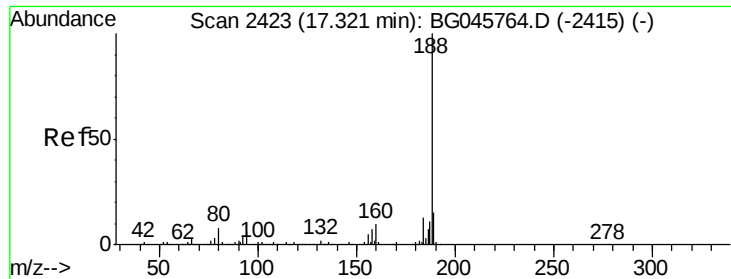


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

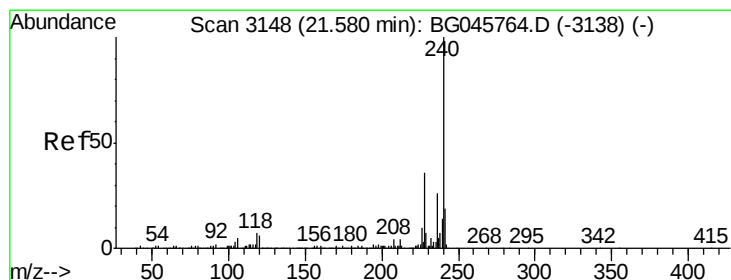
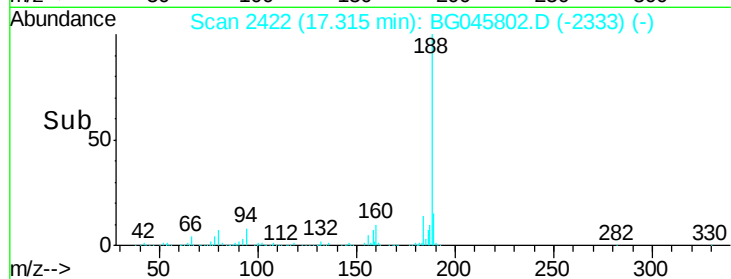
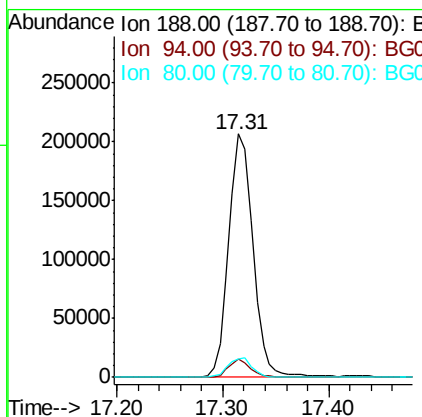
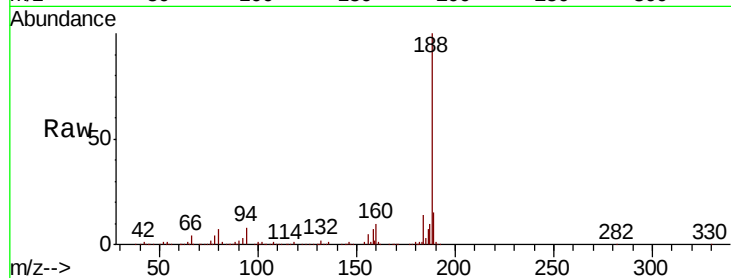




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

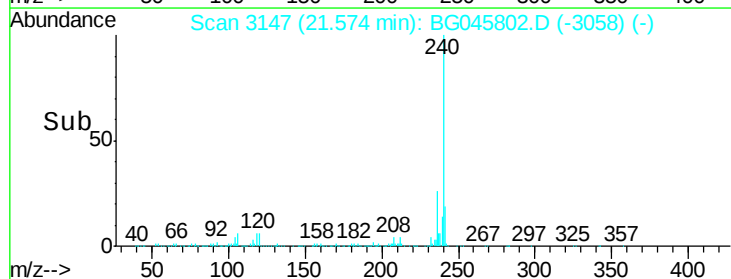
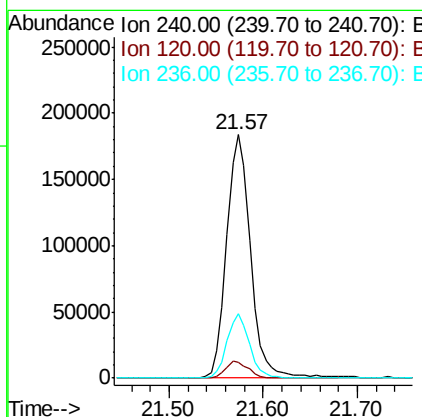
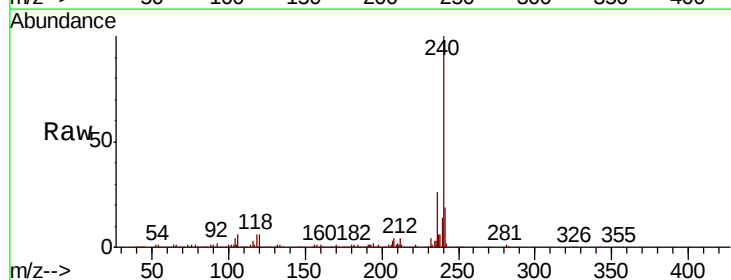
Instrument :
BNA_G
ClientSampled :
RO-17

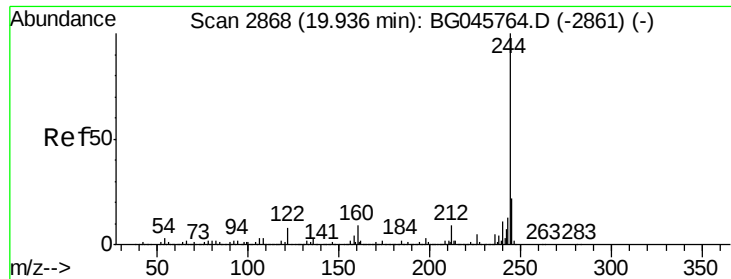
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.1	7.7
80	7.5	6.2	9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045802.D
Acq: 18 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.4
236	26.3	20.6	30.8





#79

Terphenyl-d14

Concen: 104.281 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

Instrument :

BNA_G

ClientSampleId :

RO-17

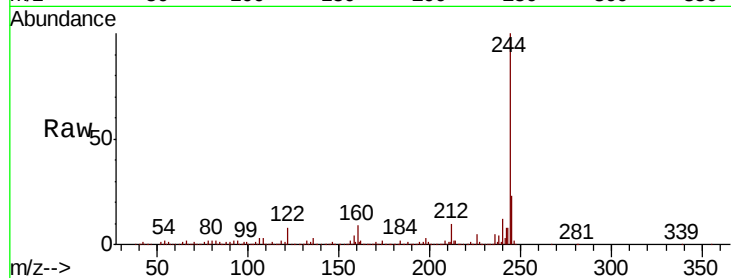
Tot Ion:244 Resp: 1676038

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

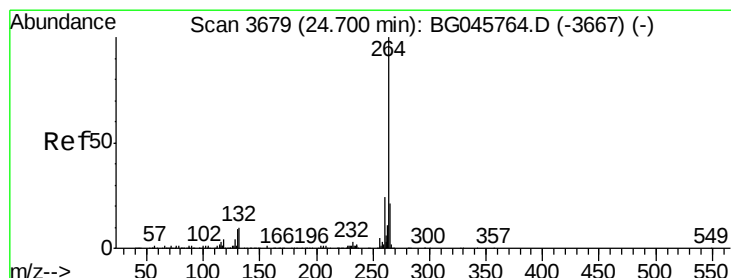
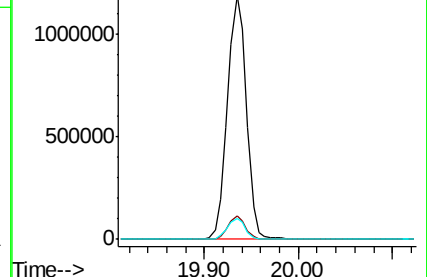
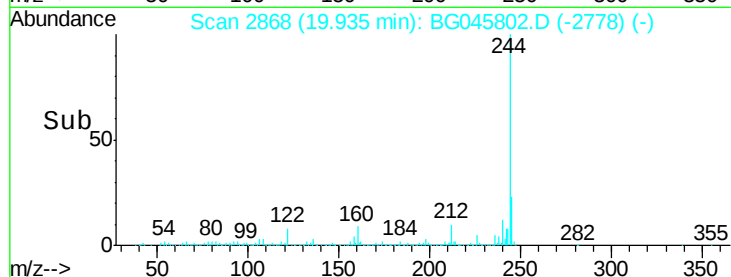
122 8.4 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BG045802.D

Acq: 18 Jun 2020 21:01

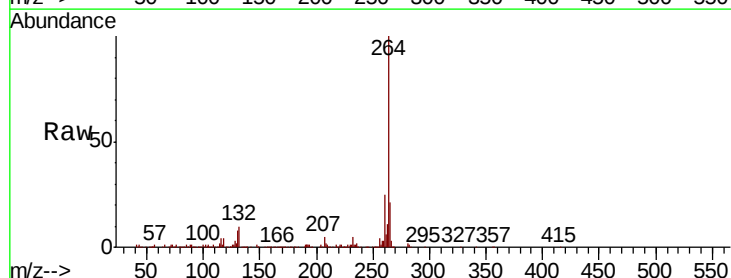
Tgt Ion:264 Resp: 332721

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 21.2 17.4 26.0



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

