

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039774.D
 Acq On : 5 Mar 2019 21:24
 Operator : JU/SJ
 Sample : K1727-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Mar 06 01:59:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42722	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	186708	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	135568	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	340149	20.00	ng	0.00
76) Chrysene-d12	21.81	240	345406	20.00	ng	-0.01
87) Perylene-d12	25.19	264	345014	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	131964	52.70	ng	0.00
7) Phenol-d6	7.30	99	119405	31.98	ng	-0.01
23) Nitrobenzene-d5	9.33	82	270797	78.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	193308	122.34	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	665840	69.93	ng	-0.01
79) Terphenyl-d14	20.12	244	1196595	76.28	ng	0.00

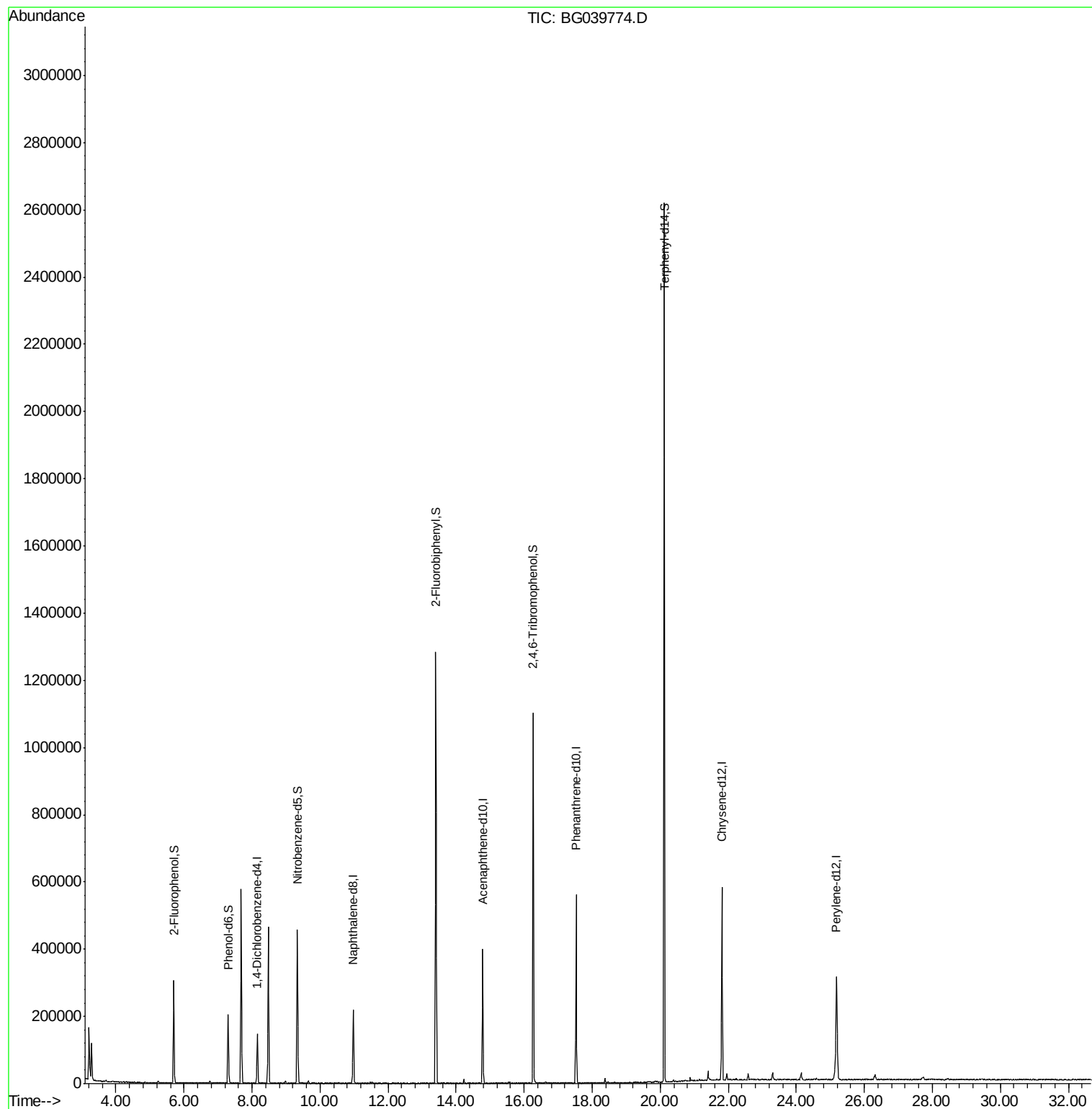
Target Compounds Qvalue

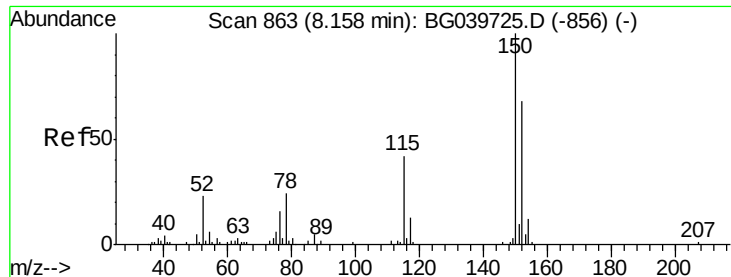
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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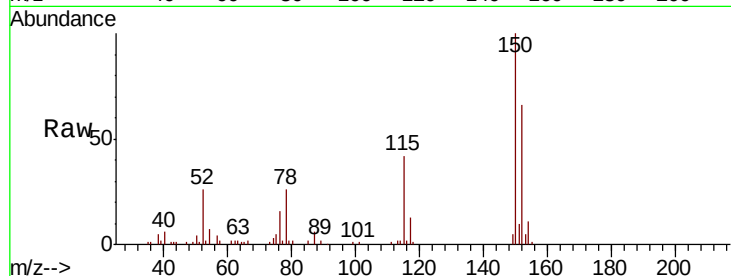


#1

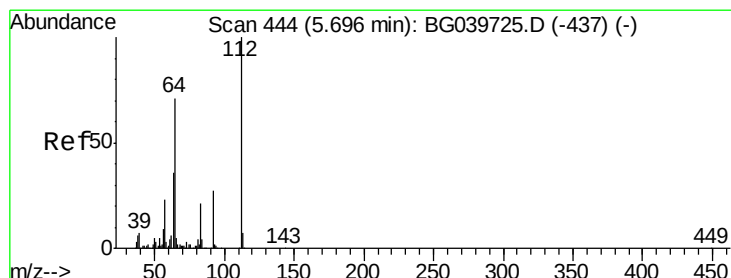
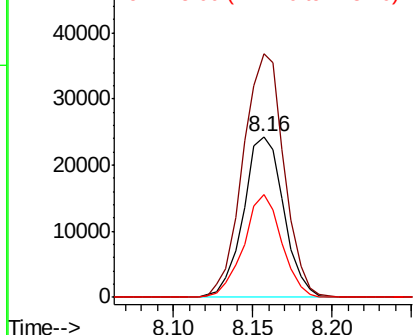
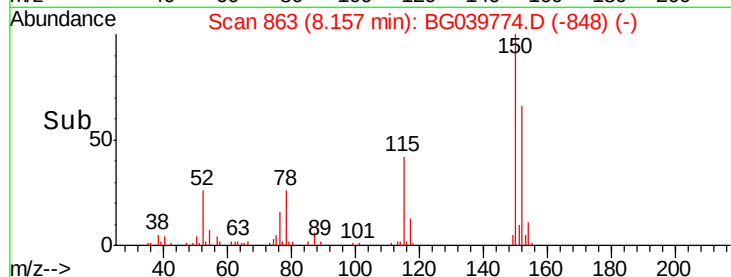
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 42722
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 63.7 45.9 68.9



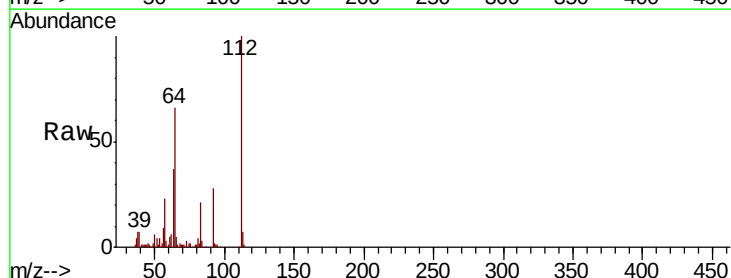
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



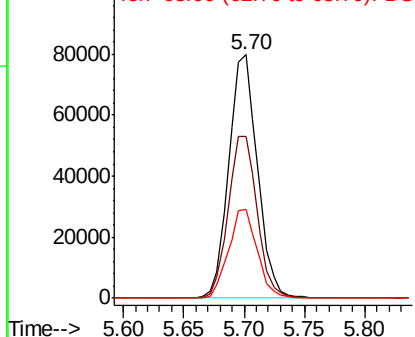
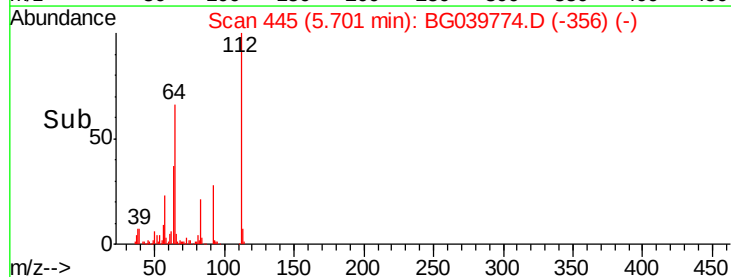
#5

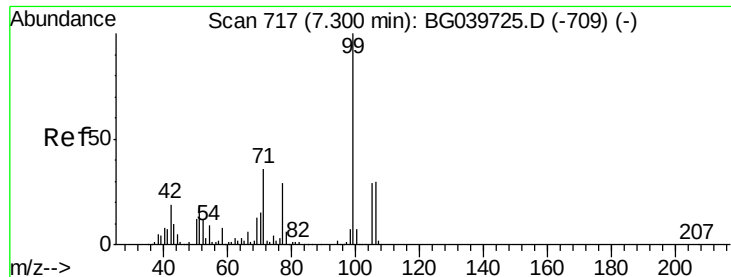
2-Fluorophenol
Concen: 52.697 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion:112 Resp: 131964
Ion Ratio Lower Upper
112 100
64 66.2 57.8 86.8
63 36.6 29.8 44.6



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





#7

Phenol-d6

Concen: 31.978 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

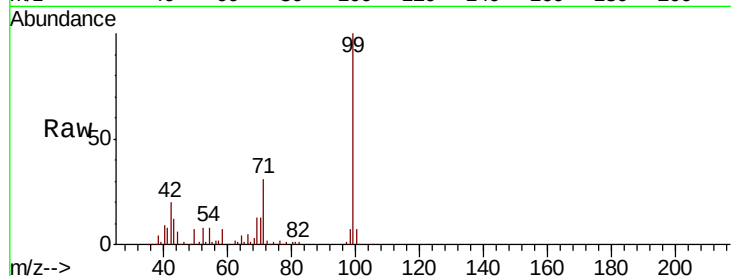
Tot Ion: 99 Resp: 119405

Ion Ratio Lower Upper

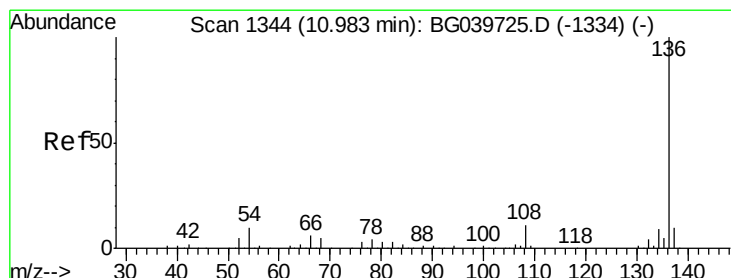
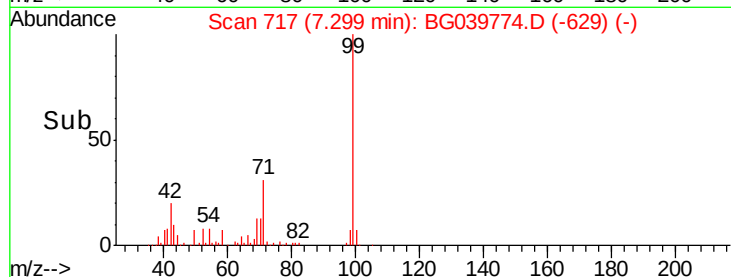
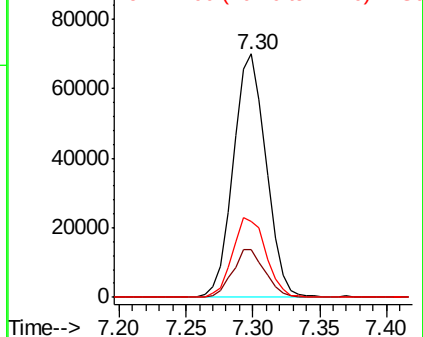
99 100

42 19.9 18.2 27.2

71 31.2 28.0 42.0



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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Tgt Ion: 136 Resp: 186708

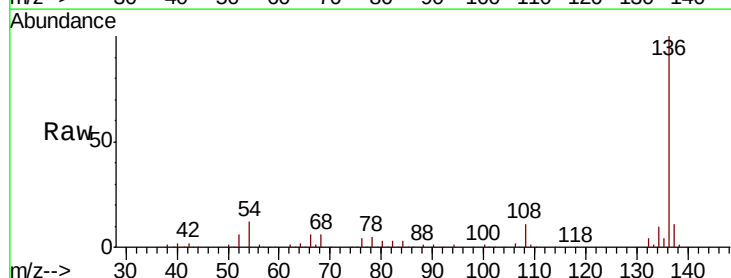
Ion Ratio Lower Upper

136 100

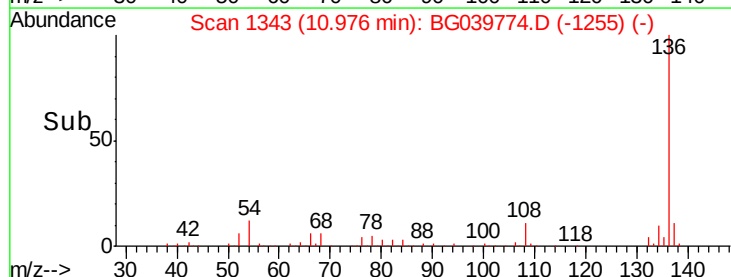
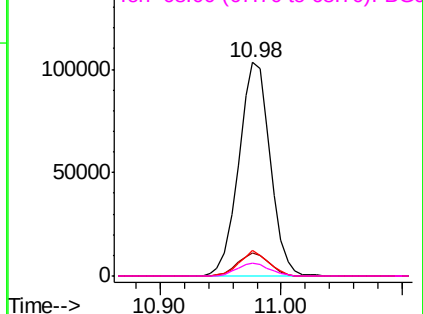
137 10.9 9.1 13.7

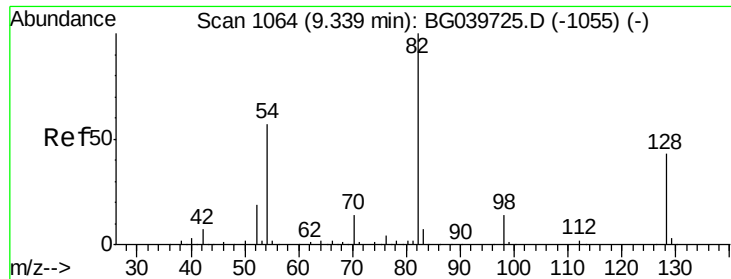
54 11.9 9.4 14.2

68 5.8 4.2 6.4



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

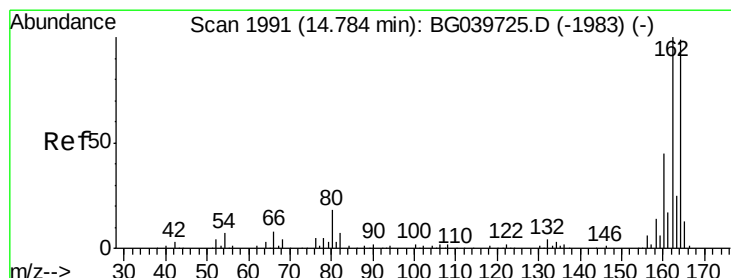
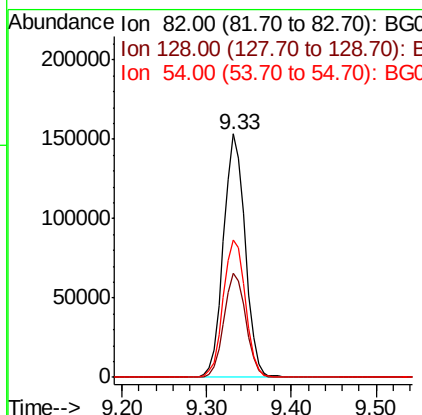
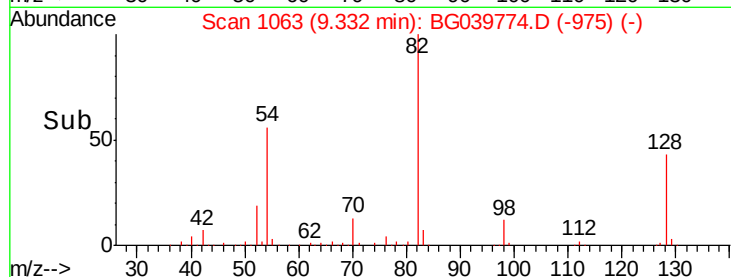
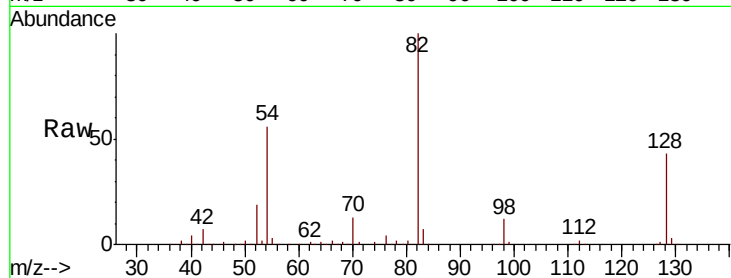




#23
Nitrobenzene-d5
Concen: 78.442 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

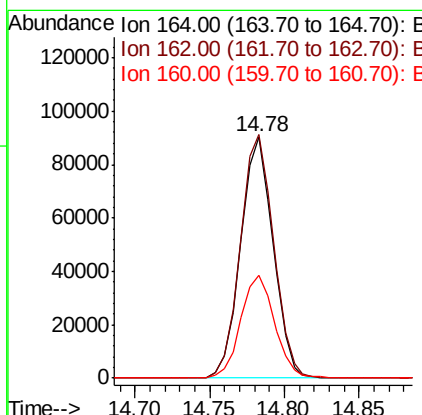
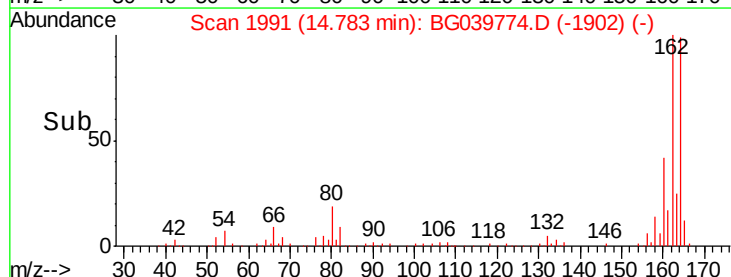
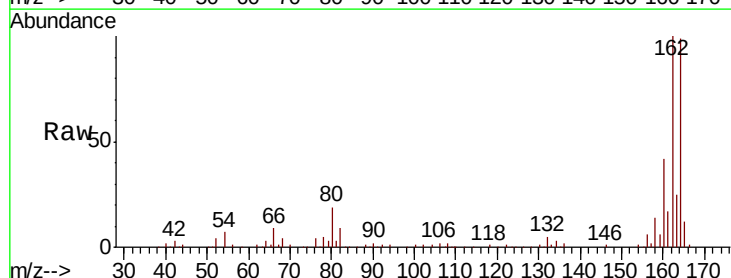
Instrument :
BNA_G
ClientSampleId :
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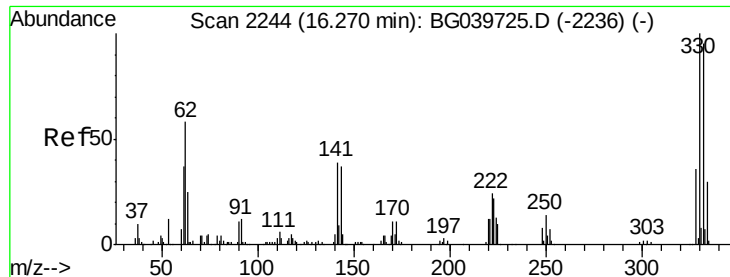
Tot Ion: 82 Resp: 270797
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 56.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039774.D
Acq: 5 Mar 2019 21:24

Tgt Ion: 164 Resp: 135568
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 122.336 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

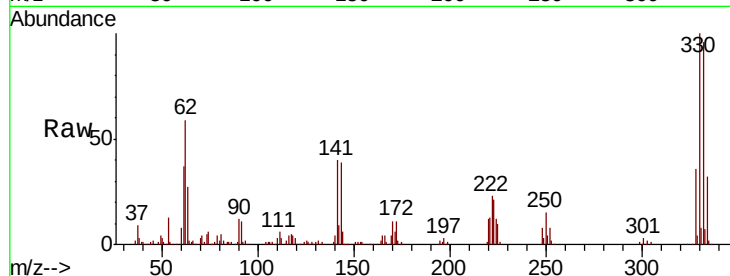
Tot Ion:330 Resp: 193308

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

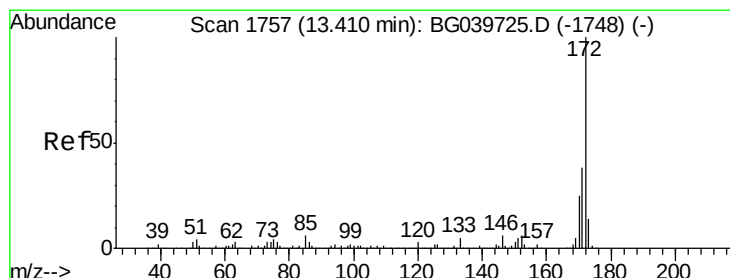
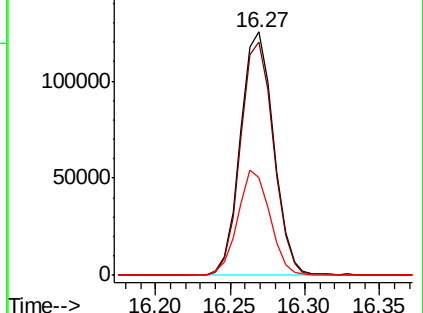
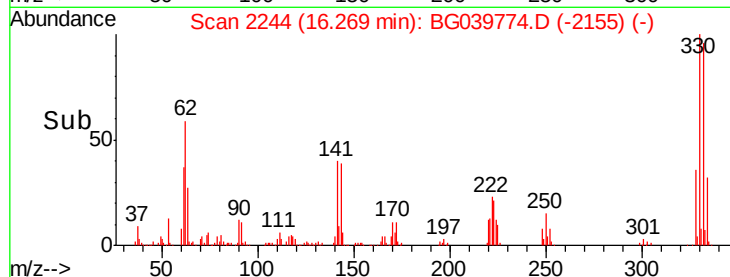
141 42.0 35.6 53.4



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: 69.931 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

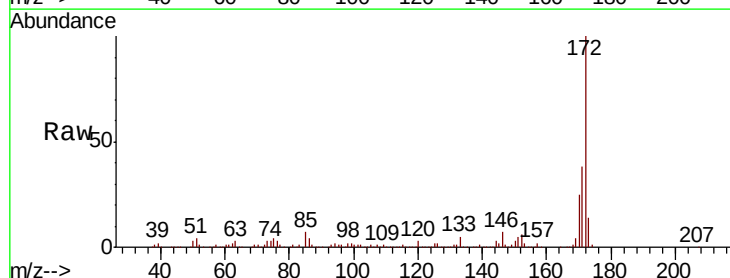
Tgt Ion:172 Resp: 665840

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

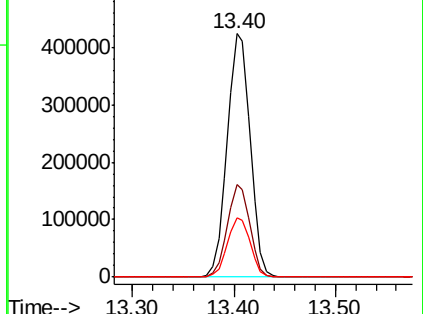
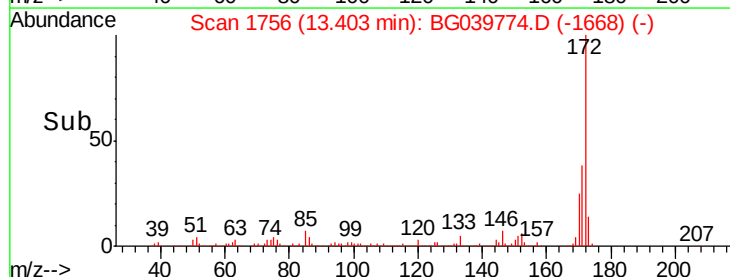
170 24.5 20.2 30.4

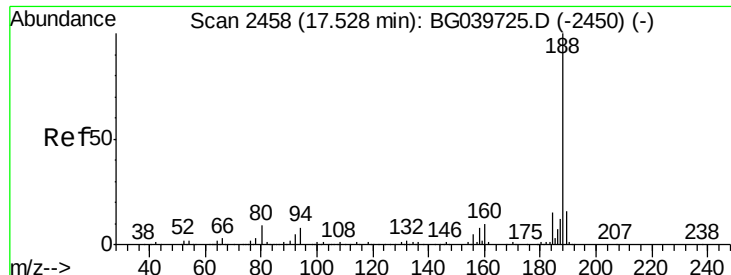


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

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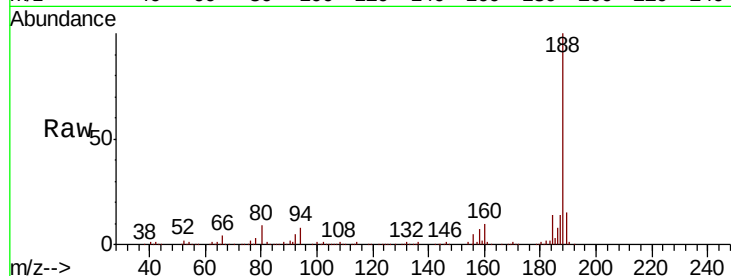
Tot Ion:188 Resp: 340149

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

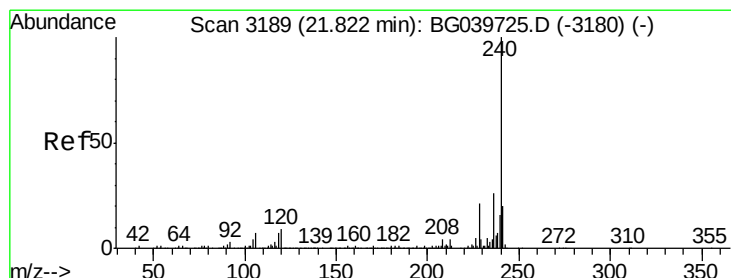
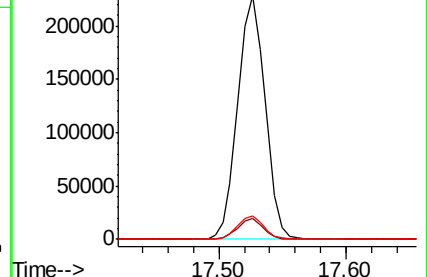
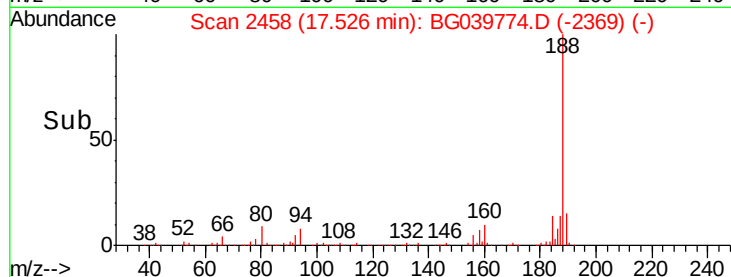
80 9.4 8.1 12.1



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: 21.81 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

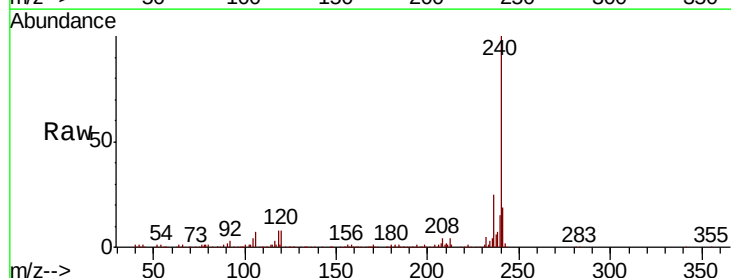
Tgt Ion:240 Resp: 345406

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

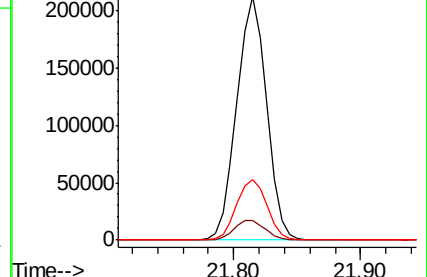
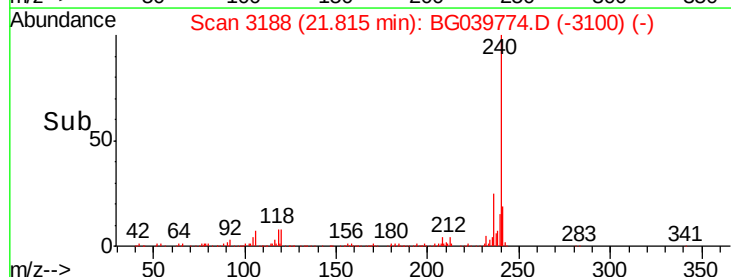
236 24.8 21.0 31.4

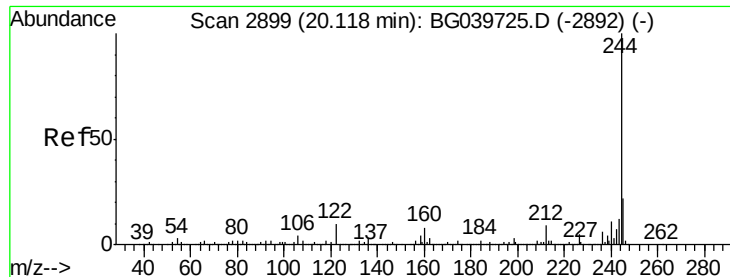


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.277 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

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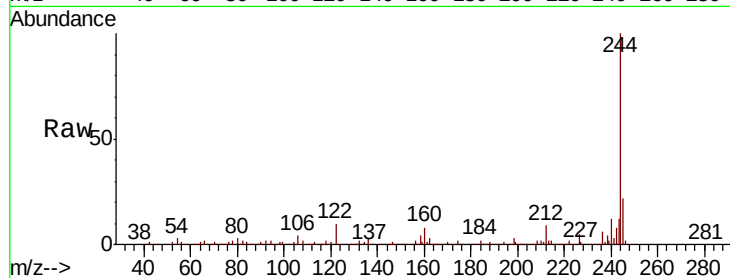
Tot Ion:244 Resp: 1196595

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.2	8.4	12.6

244 100

212 8.9 7.3 10.9

122 10.2 8.4 12.6

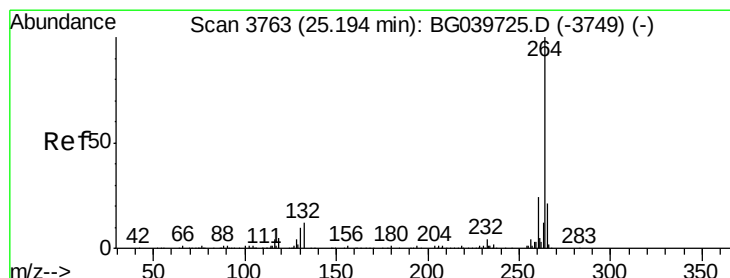
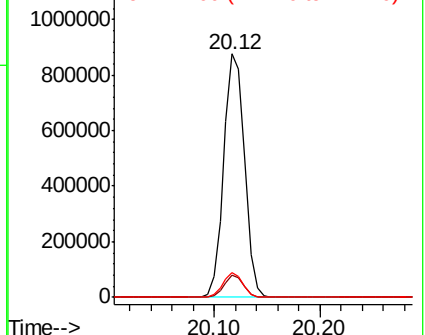
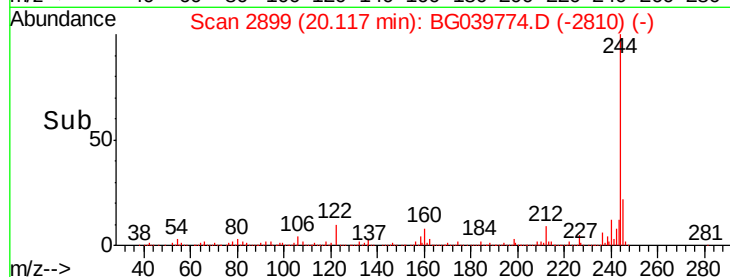


Abundance

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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039774.D

Acq: 5 Mar 2019 21:24

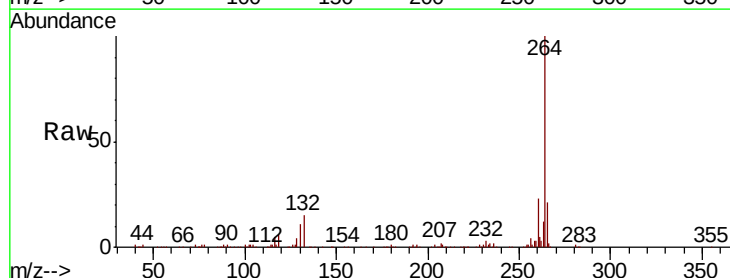
Tgt Ion:264 Resp: 345014

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.2	18.5	27.7

264 100

260 23.0 18.2 27.4

265 21.2 18.5 27.7



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

