

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041390.D
 Acq On : 21 Jun 2019 23:45
 Operator : HP/JU
 Sample : K3453-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Jun 22 01:51:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	31070	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	117332	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	85408	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	235480	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	237093	20.00	ng	-0.03
87) Perylene-d12	25.00	264	256961	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	190267	112.52	ng	-0.02
7) Phenol-d6	7.21	99	245282	100.07	ng	-0.02
23) Nitrobenzene-d5	9.23	82	219384	78.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	168174	128.26	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	511639	81.42	ng	-0.03
79) Terphenyl-d14	20.04	244	1054133	88.11	ng	-0.02

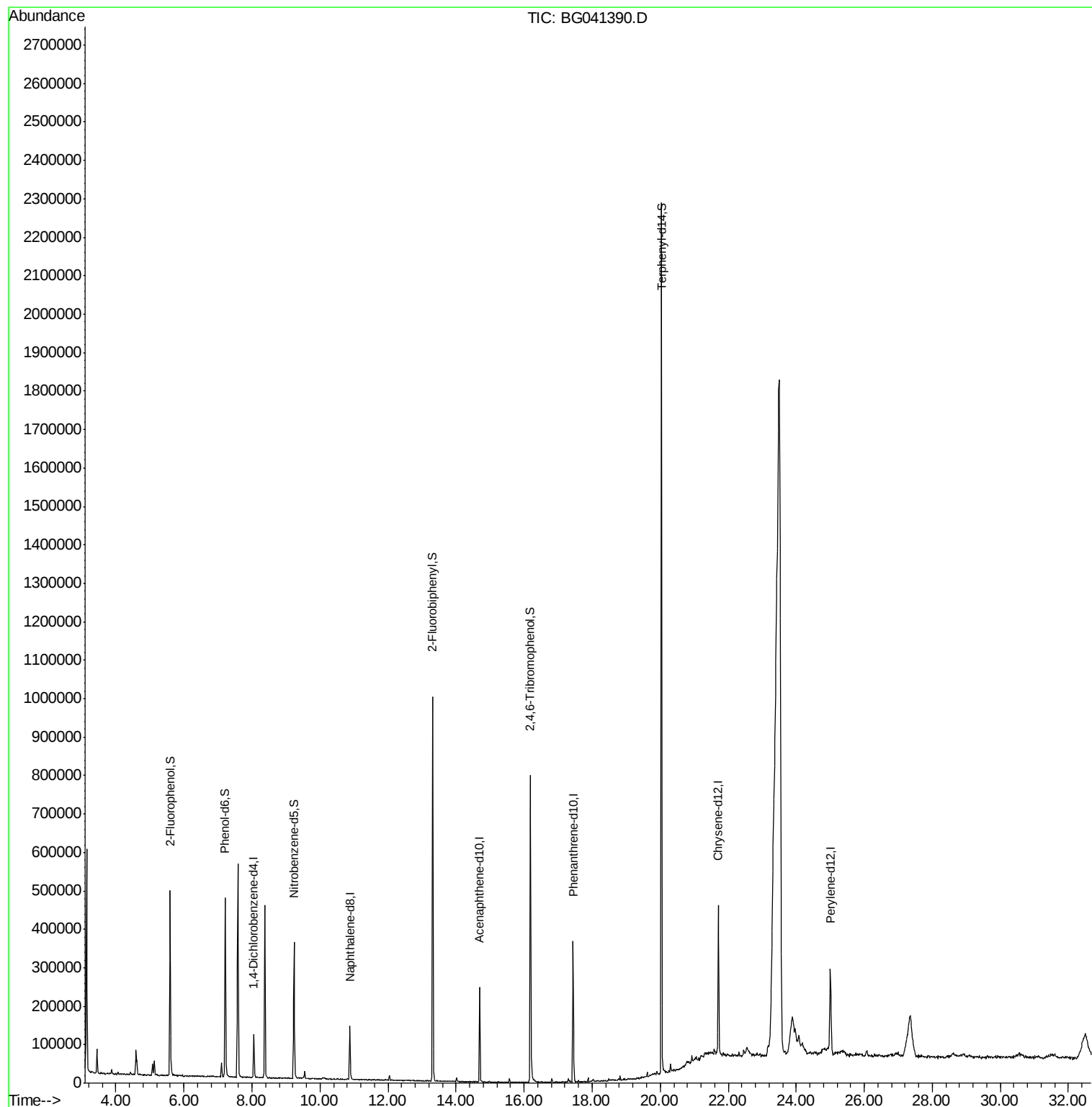
Target Compounds Qvalue

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

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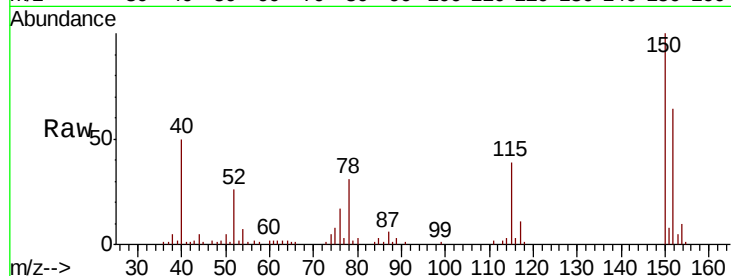


#1

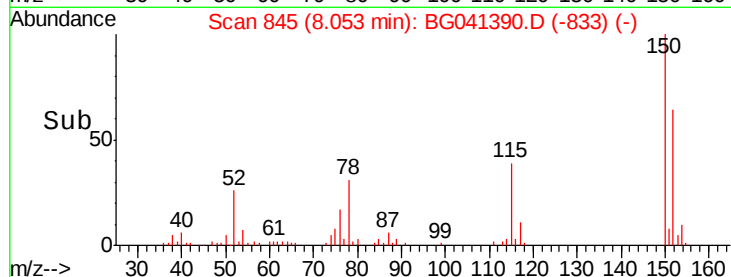
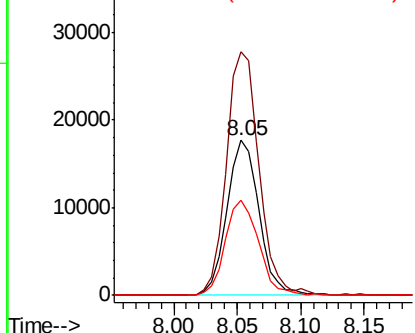
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BG041390.D
 Acq: 21 Jun 2019 23:45

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion:152 Resp: 31070
 Ion Ratio Lower Upper
 152 100
 150 156.9 120.6 181.0
 115 61.5 47.9 71.9



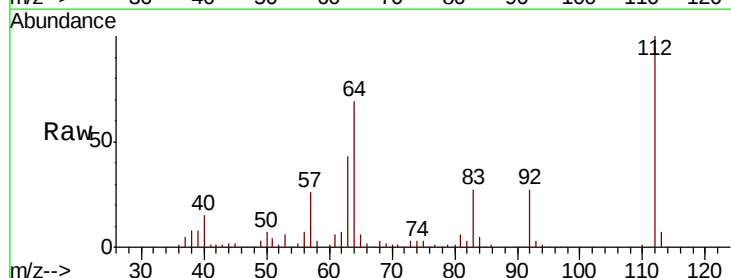
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



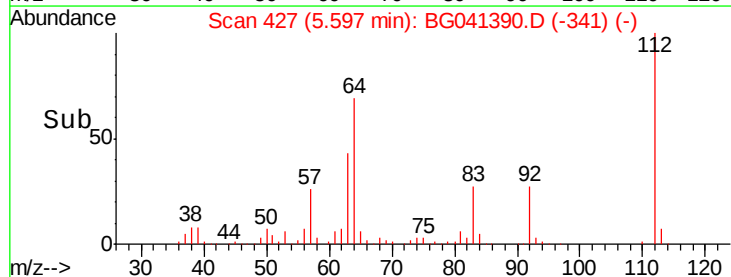
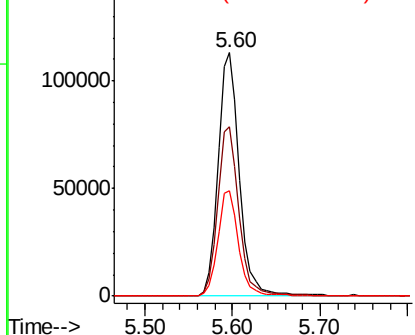
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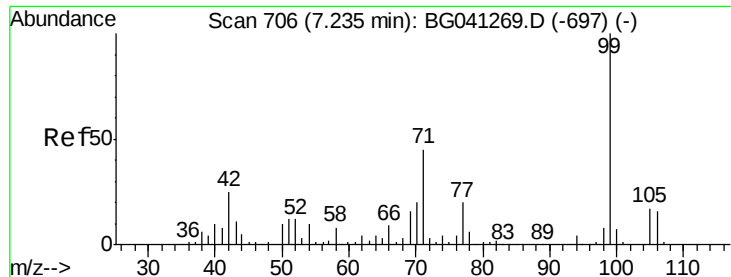
2-Fluorophenol
 Concen: 112.520 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BG041390.D
 Acq: 21 Jun 2019 23:45

Tgt Ion:112 Resp: 190267
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.9 83.9
 63 43.4 34.6 51.8



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: 100.072 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041390.D

Acq: 21 Jun 2019 23:45

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

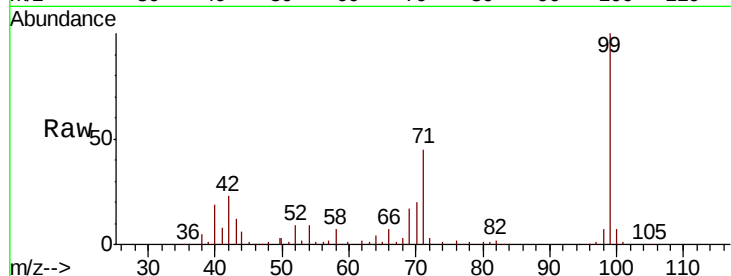
Tot Ion: 99 Resp: 245282

Ion Ratio Lower Upper

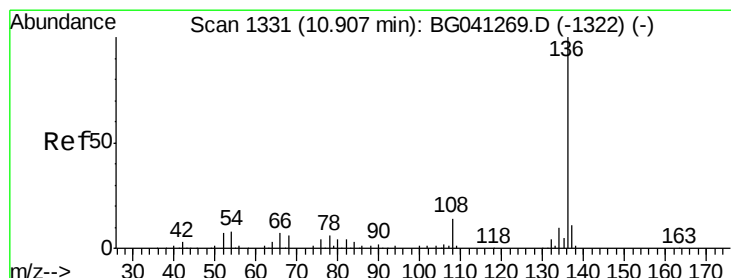
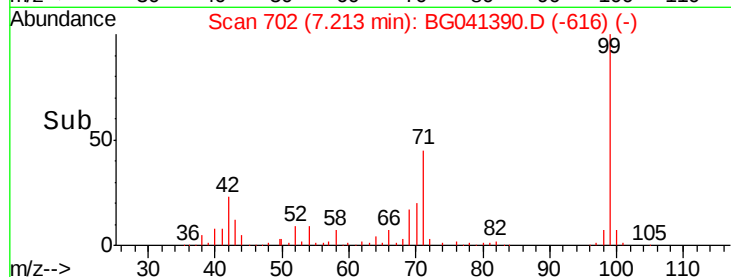
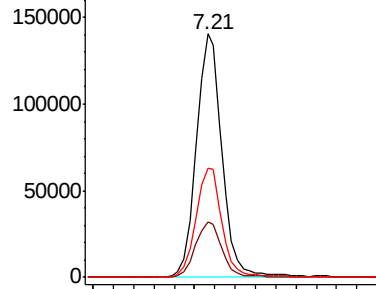
99 100

42 22.9 19.9 29.9

71 44.8 36.4 54.6



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: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041390.D

Acq: 21 Jun 2019 23:45

Tgt Ion: 136 Resp: 117332

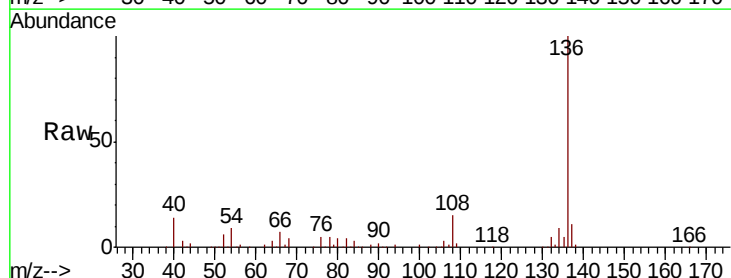
Ion Ratio Lower Upper

136 100

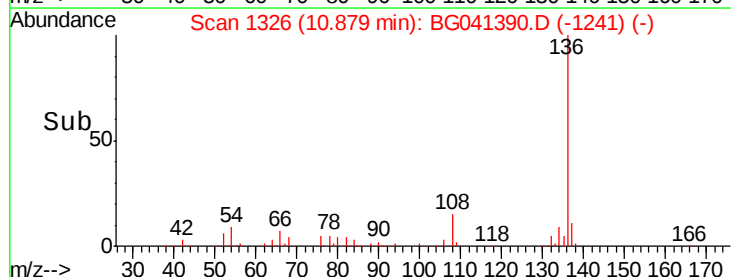
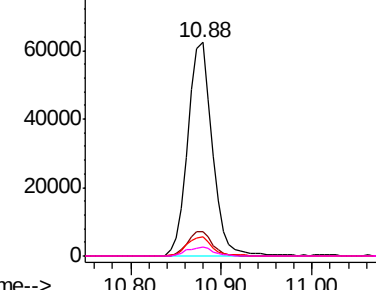
137 11.4 8.8 13.2

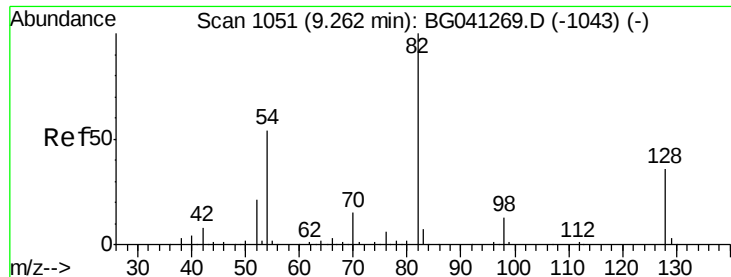
54 9.3 6.4 9.6

68 4.4 4.8 7.2#



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

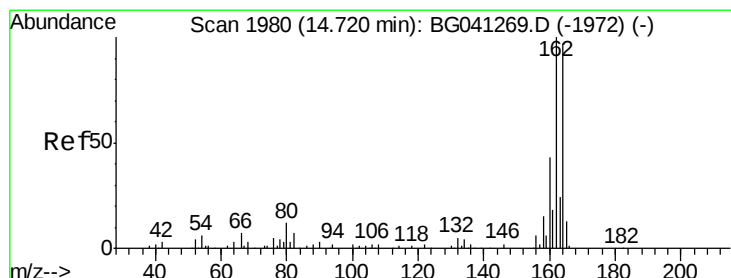
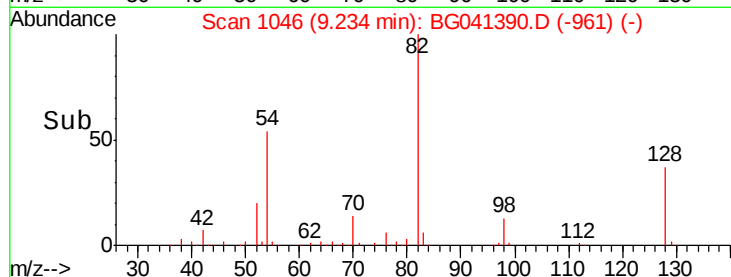
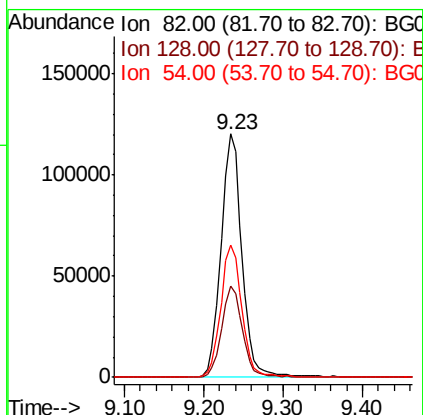
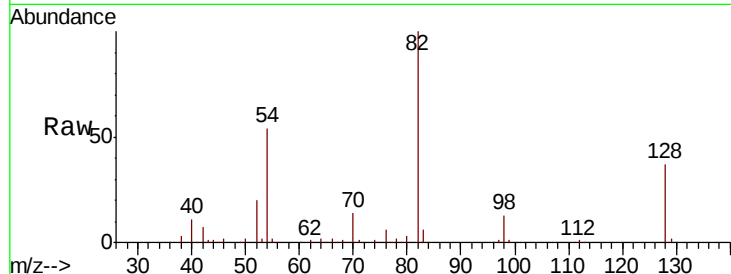




#23
Nitrobenzene-d5
Concen: 78.636 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

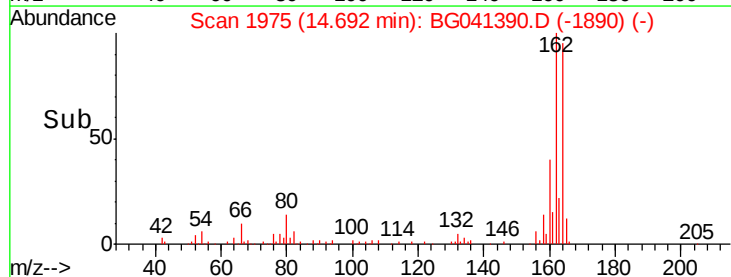
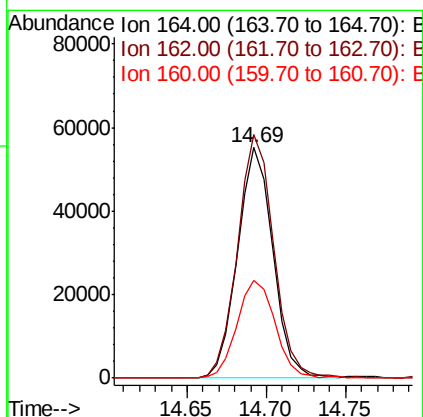
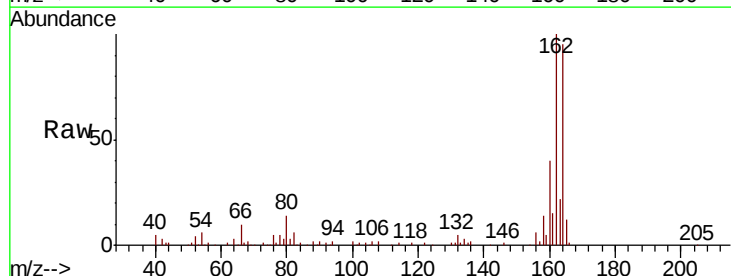
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

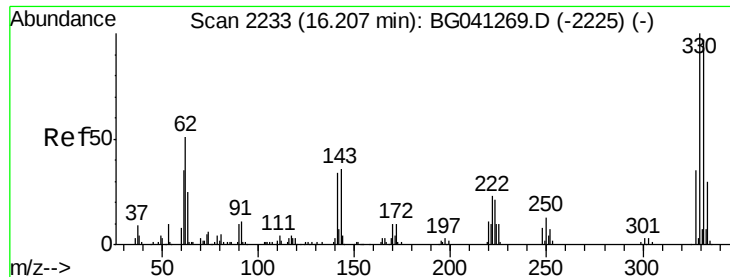
Tot Ion: 82 Resp: 219384
Ion Ratio Lower Upper
82 100
128 37.3 29.2 43.8
54 54.2 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion: 164 Resp: 85408
Ion Ratio Lower Upper
164 100
162 105.6 82.8 124.2
160 42.5 35.8 53.8

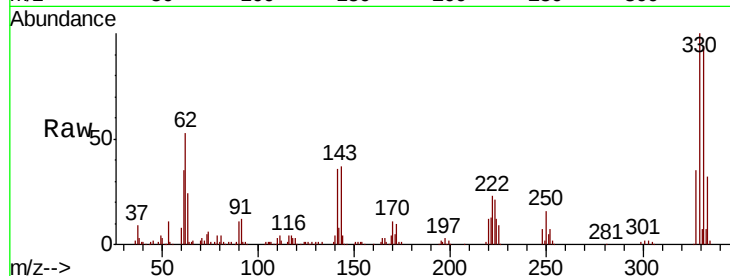




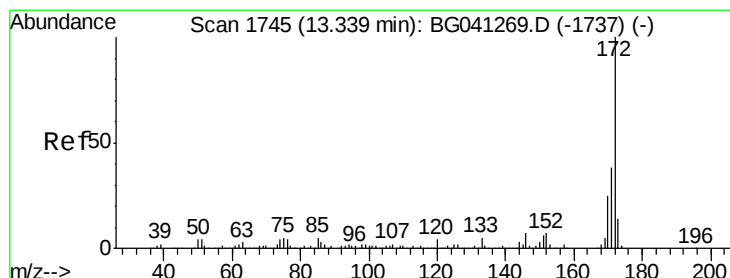
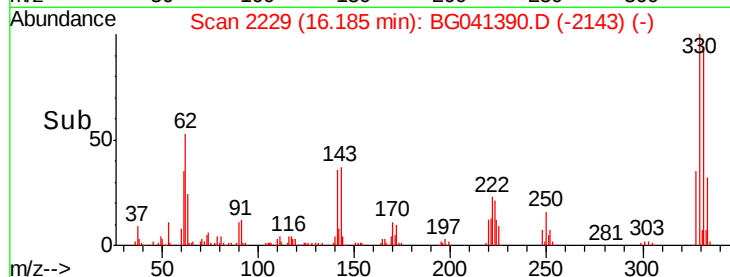
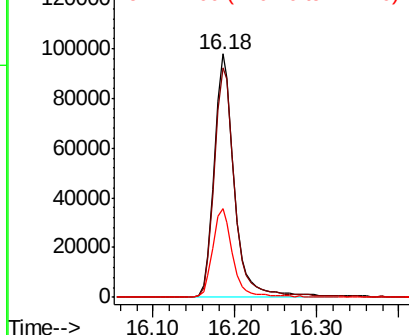
#42
 2,4,6-Tribromophenol
 Concen: 128.259 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041390.D
 Acq: 21 Jun 2019 23:45

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion:330 Resp: 168174
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.5 113.3
 141 36.3 29.0 43.4

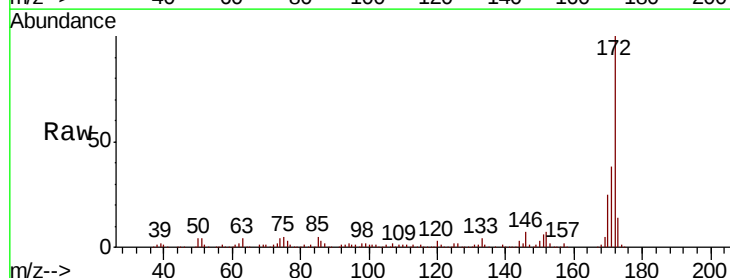


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

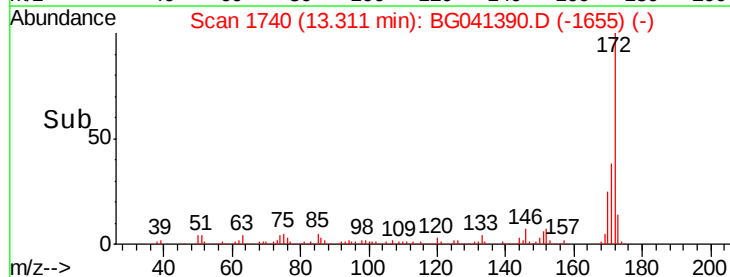
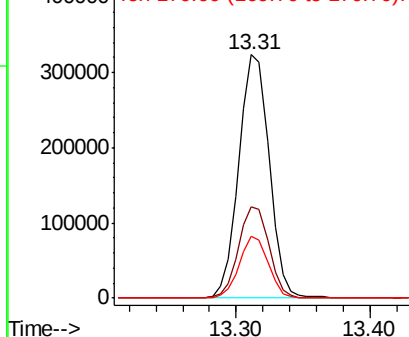


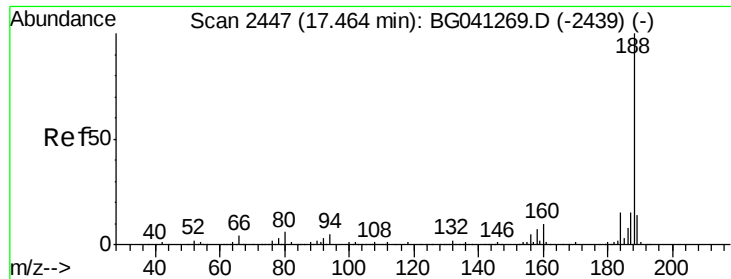
#45
 2-Fluorobiphenyl
 Concen: 81.421 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041390.D
 Acq: 21 Jun 2019 23:45

Tgt Ion:172 Resp: 511639
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.2 19.8 29.6



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

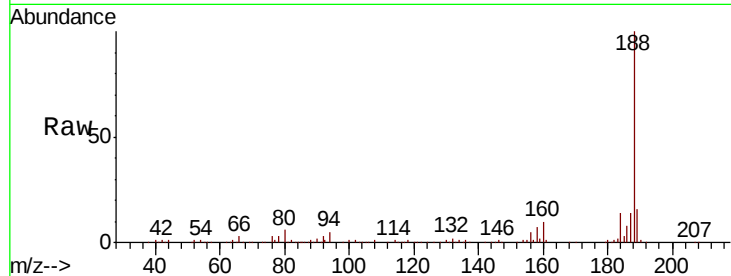




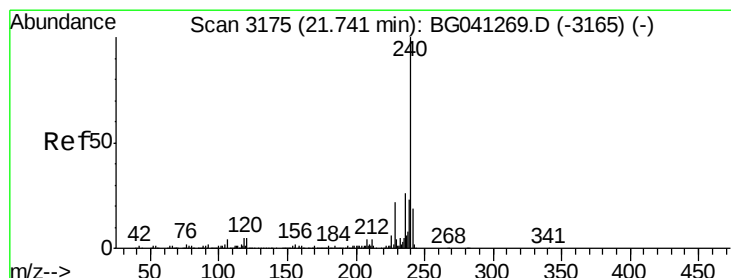
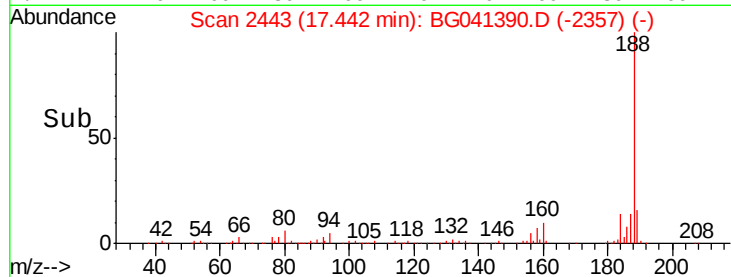
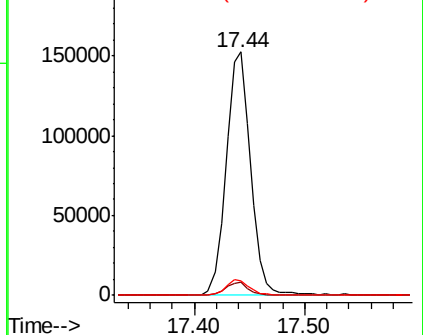
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tot Ion:188 Resp: 235480
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 6.2 4.8 7.2

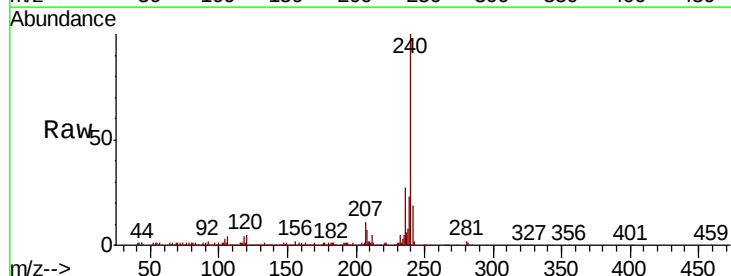


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

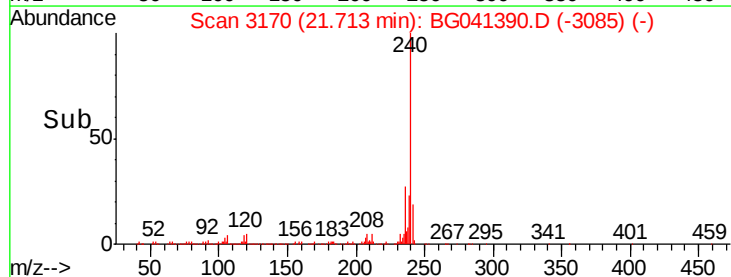
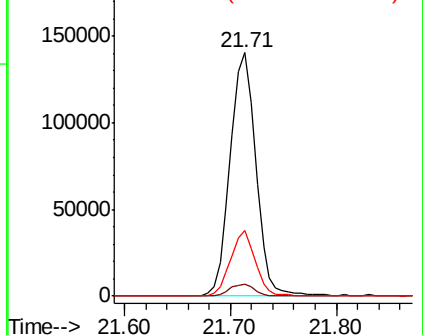


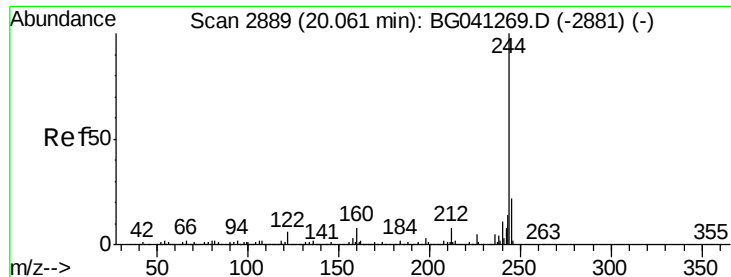
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:240 Resp: 237093
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 27.0 21.1 31.7



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: 88.112 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041390.D

Acq: 21 Jun 2019 23:45

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

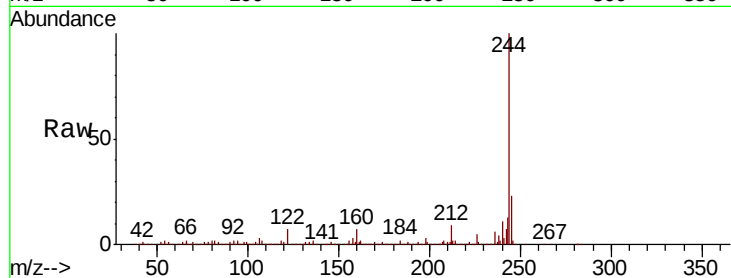
Tot Ion:244 Resp: 1054133

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

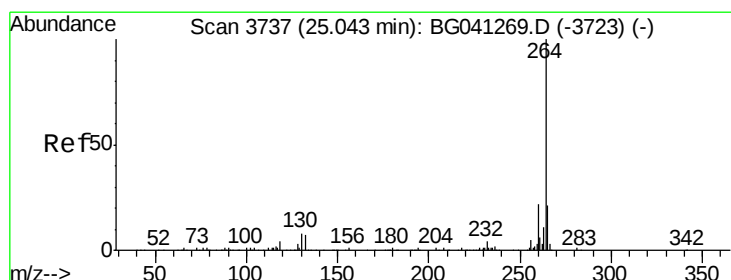
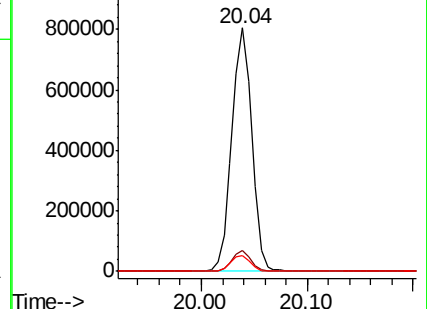
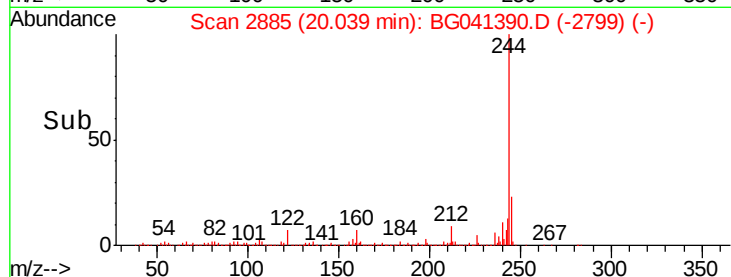
122 6.5 5.0 7.4



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: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG041390.D

Acq: 21 Jun 2019 23:45

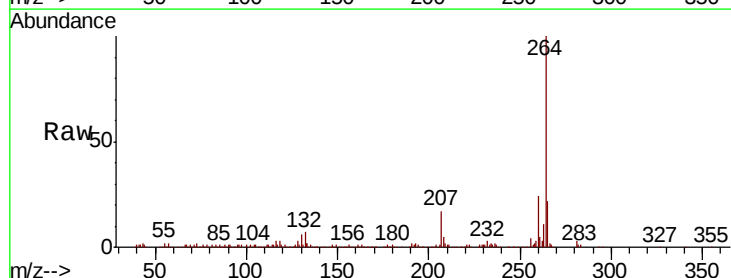
Tgt Ion:264 Resp: 256961

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.2

265 21.9 17.2 25.8



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

