

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044550.D
 Acq On : 21 Feb 2020 15:39
 Operator : CG/JU
 Sample : L1618-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-MOAT-DISCHARGE-(EFFLUE

Quant Time: Feb 21 16:28:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	56920	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	223380	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	140794	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	306533	20.00	ng	0.00
76) Chrysene-d12	21.50	240	348119	20.00	ng	0.00
87) Perylene-d12	24.58	264	403655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	124003	38.45	ng	0.00
7) Phenol-d6	7.06	99	88777	20.50	ng	0.00
23) Nitrobenzene-d5	9.04	82	371347	93.85	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	169498	102.55	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	856808	101.91	ng	0.00
79) Terphenyl-d14	19.88	244	1465629	86.60	ng	0.00

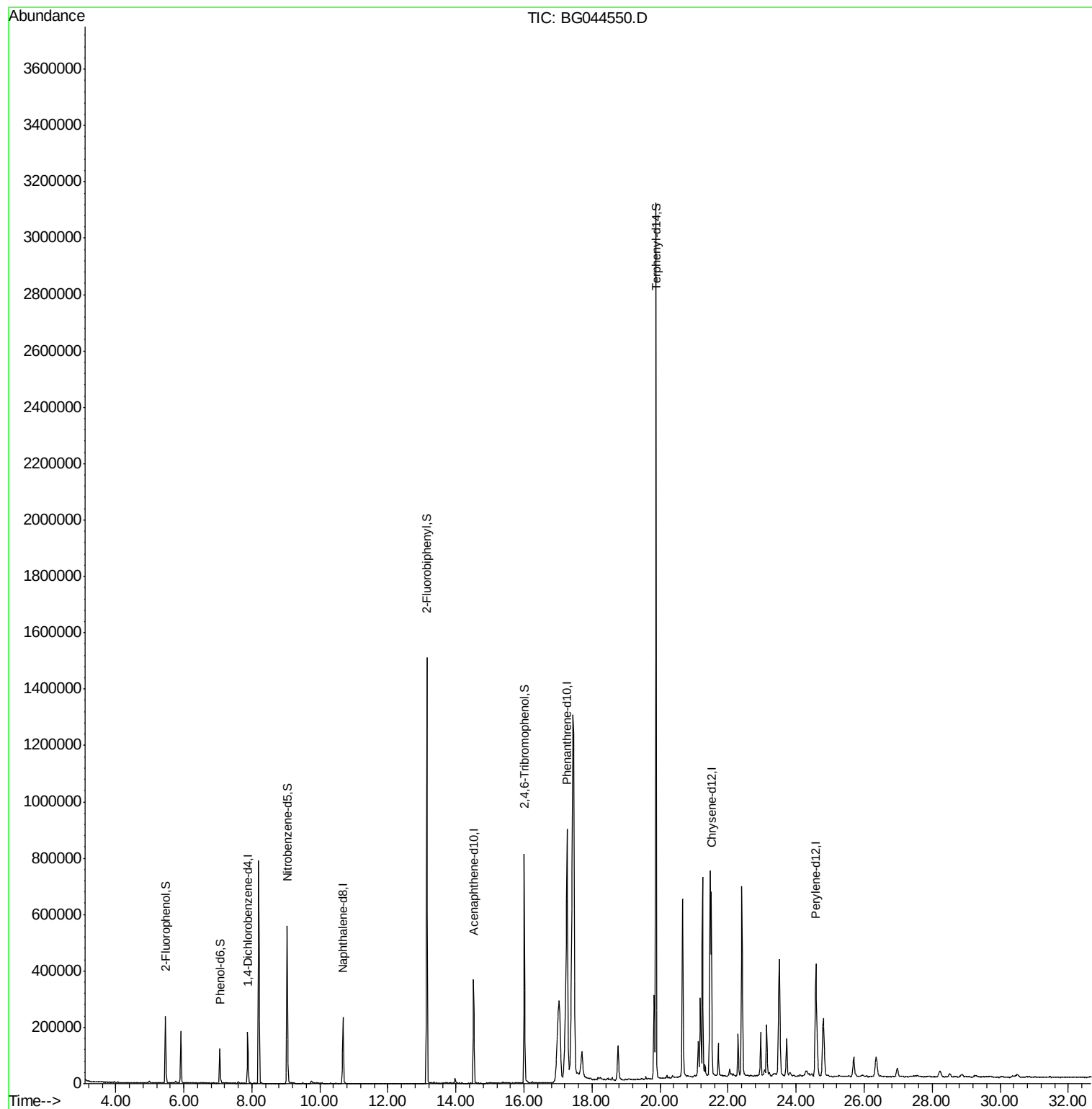
Target Compounds Qvalue

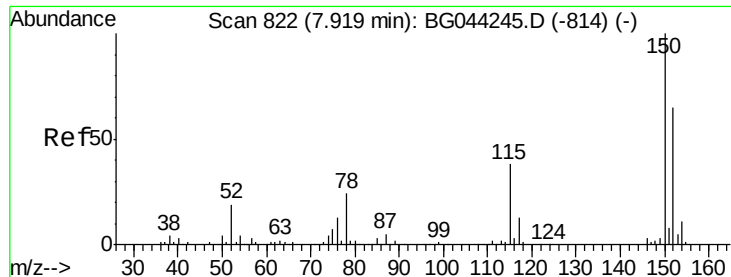
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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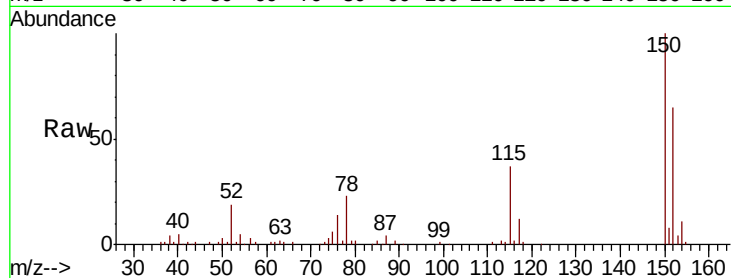


#1

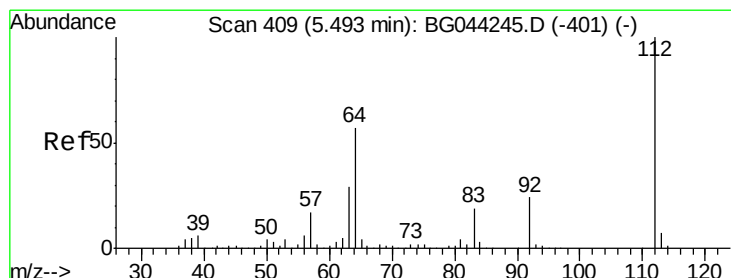
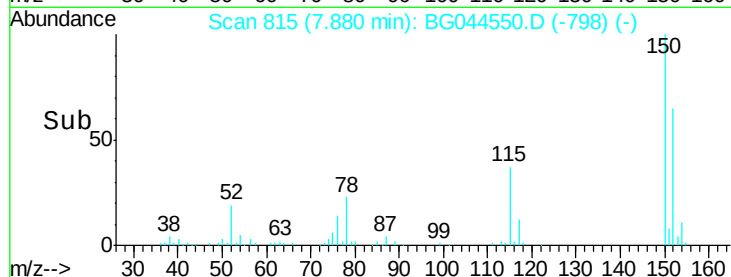
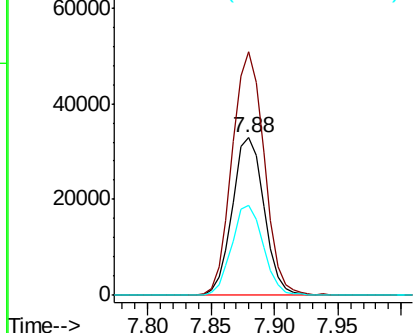
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044550.D
Acq: 21 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
TANK-MOAT-DISCHARGE-(EFFLUE

Tot Ion:152 Resp: 56920
Ion Ratio Lower Upper
152 100
150 154.4 123.1 184.7
115 57.1 45.1 67.7



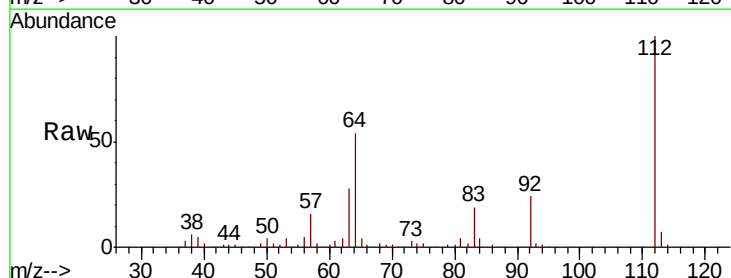
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



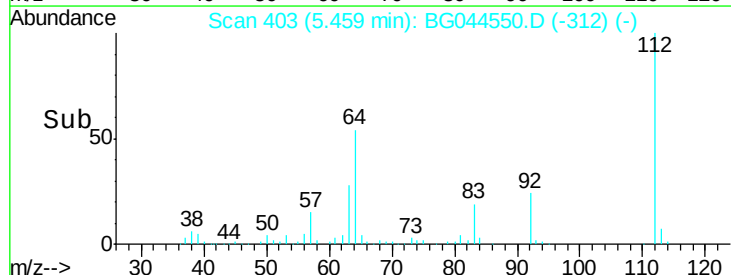
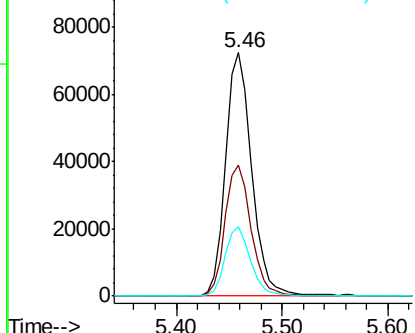
#5

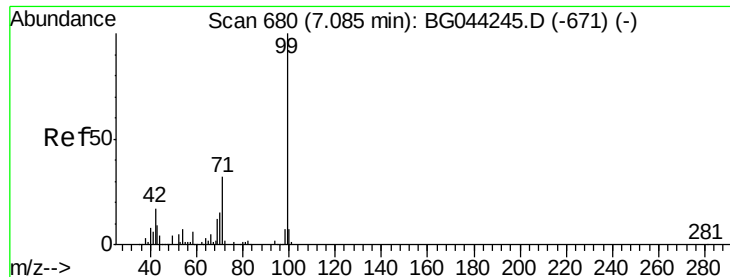
2-Fluorophenol
Concen: 38.448 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044550.D
Acq: 21 Feb 2020 15:39

Tgt Ion:112 Resp: 124003
Ion Ratio Lower Upper
112 100
64 54.1 44.5 66.7
63 28.4 22.2 33.2



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: 20.498 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

TANK-MOAT-DISCHARGE-(EFFLUE

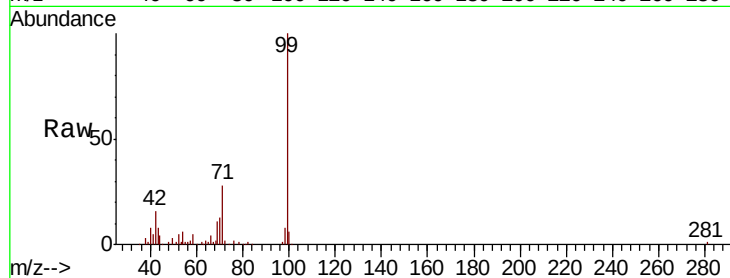
Tot Ion: 99 Resp: 88777

Ion Ratio Lower Upper

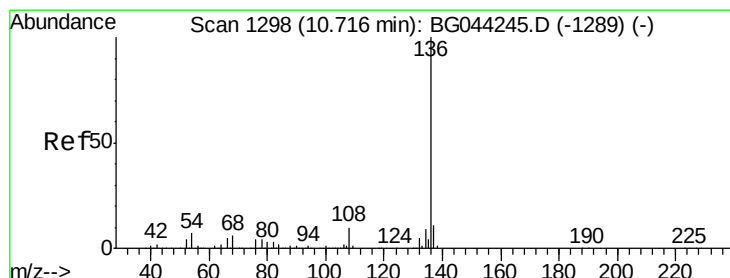
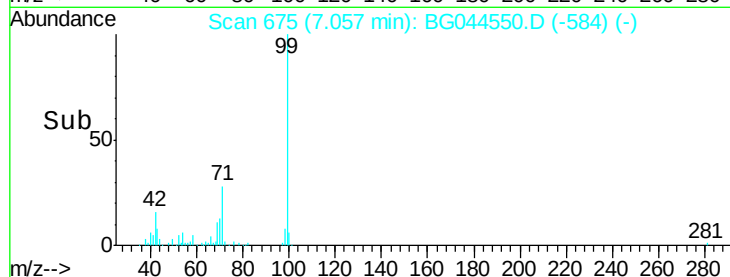
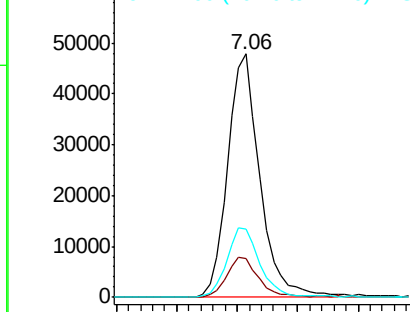
99 100

42 16.2 13.4 20.0

71 28.0 24.7 37.1



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: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

Tgt Ion: 136 Resp: 223380

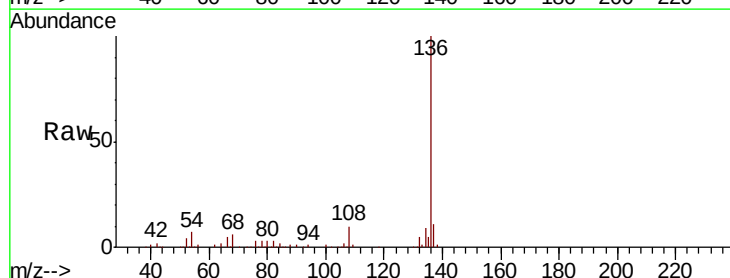
Ion Ratio Lower Upper

136 100

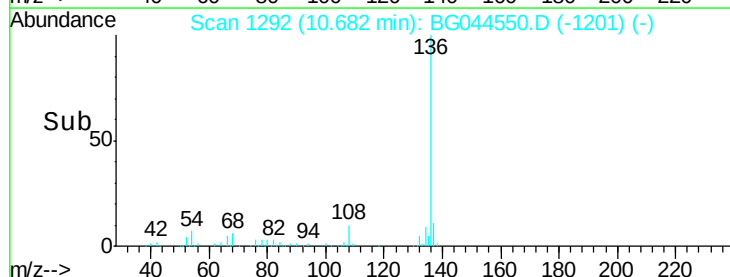
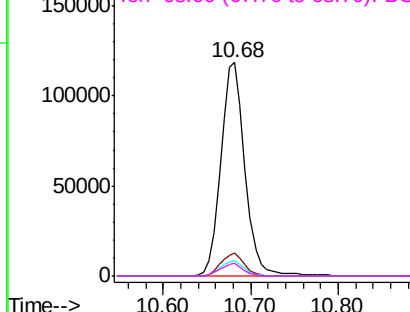
137 10.7 9.0 13.6

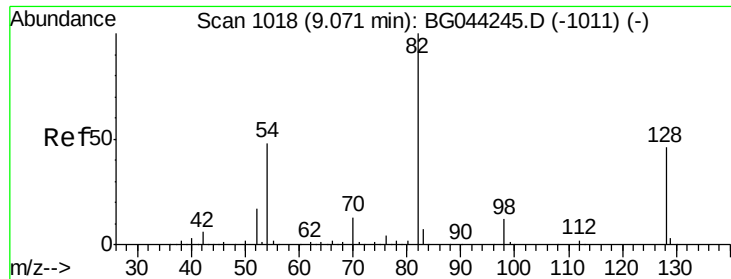
54 7.2 5.5 8.3

68 5.7 4.6 6.8



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

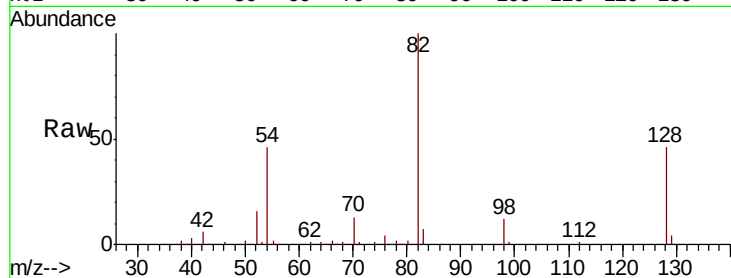




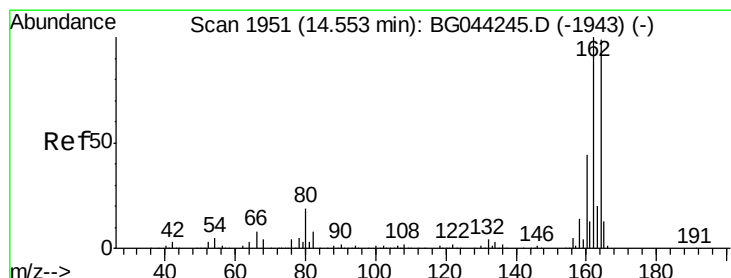
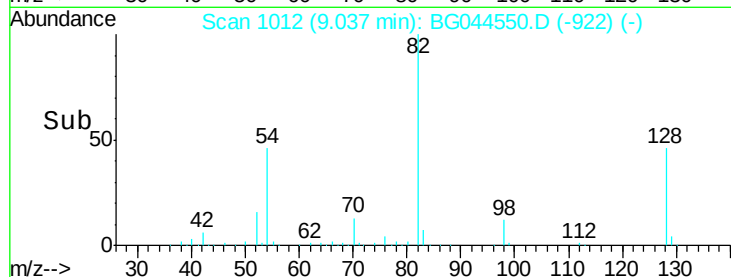
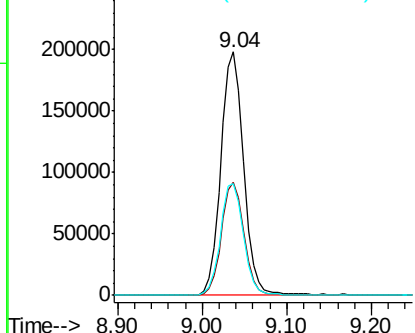
#23
Nitrobenzene-d5
Concen: 93.853 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG044550.D
Acq: 21 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
TANK-MOAT-DISCHARGE-(EFFLUE

Tot Ion	82	Resp	371347
Ion Ratio	100	Lower	Upper
128	46.3	39.1	58.7
54	46.0	37.9	56.9

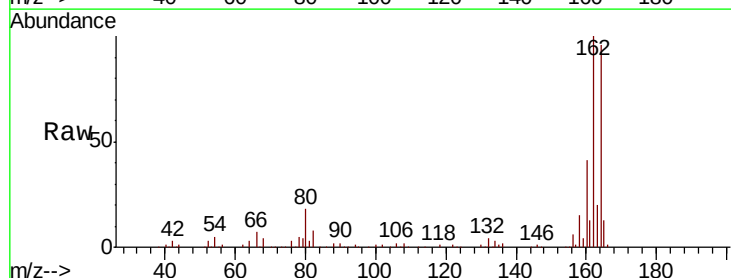


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

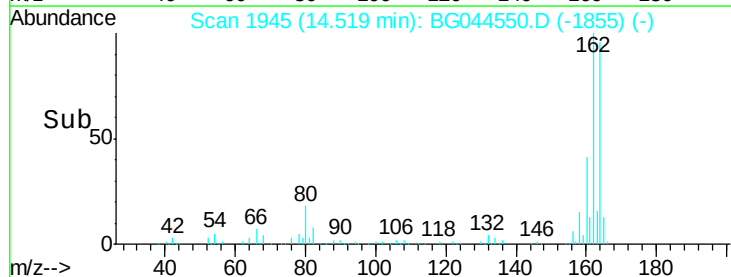
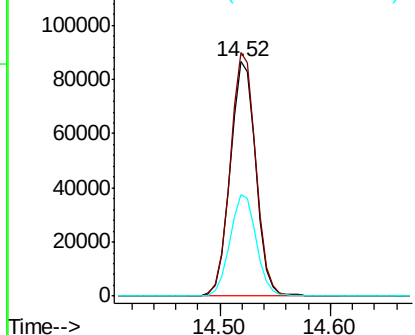


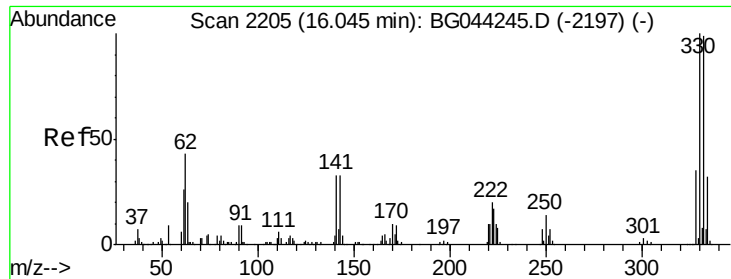
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044550.D
Acq: 21 Feb 2020 15:39

Tgt Ion	164	Resp	140794
Ion Ratio	100	Lower	Upper
162	103.9	81.9	122.9
160	43.0	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 102.549 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

TANK-MOAT-DISCHARGE-(EFFLUE

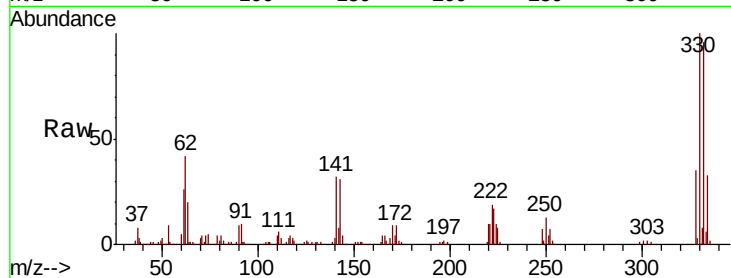
Tot Ion:330 Resp: 169498

Ion Ratio Lower Upper

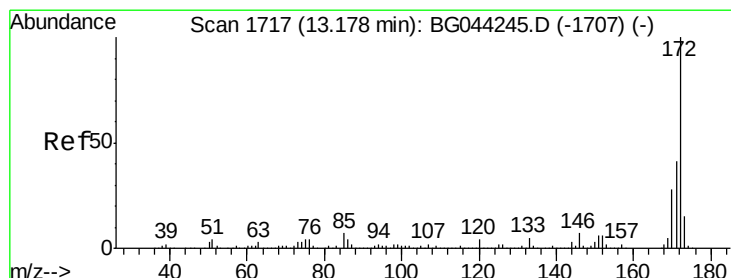
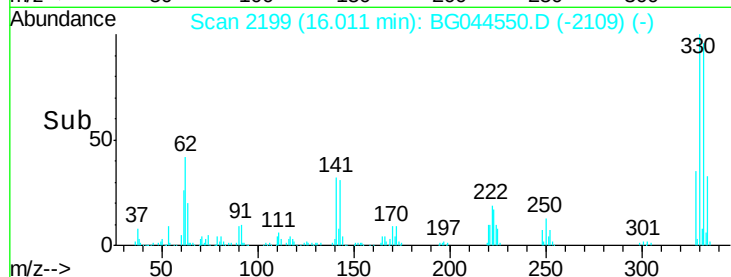
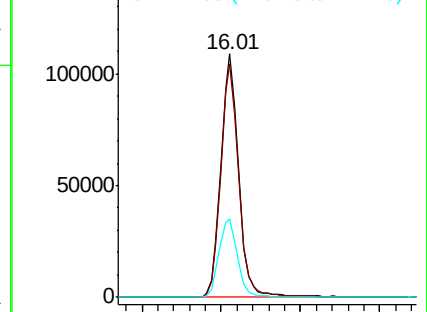
330 100

332 95.7 76.6 115.0

141 34.2 26.5 39.7



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: 101.906 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

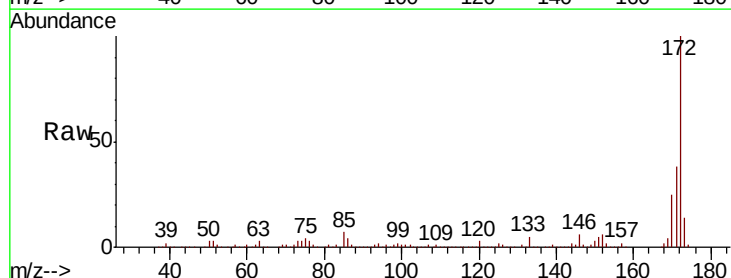
Tgt Ion:172 Resp: 856808

Ion Ratio Lower Upper

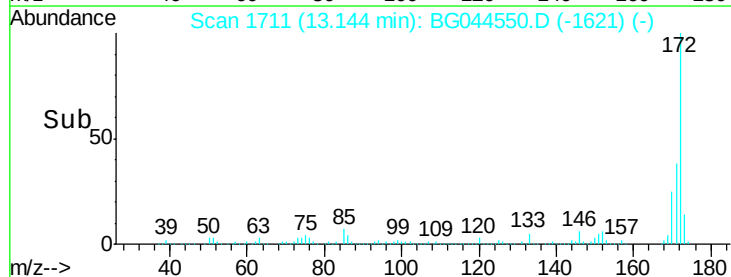
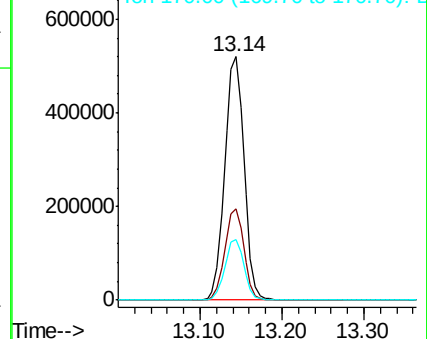
172 100

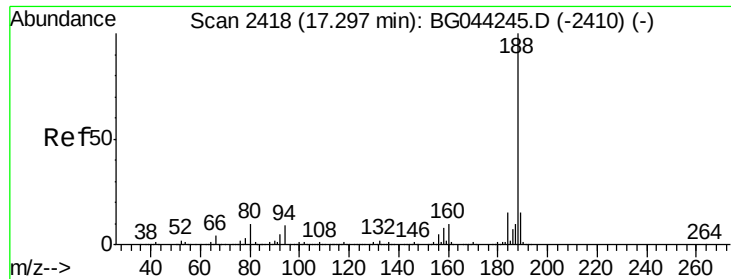
171 37.7 32.3 48.5

170 25.1 21.6 32.4



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

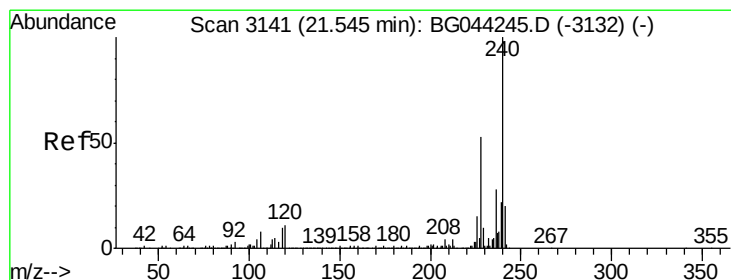
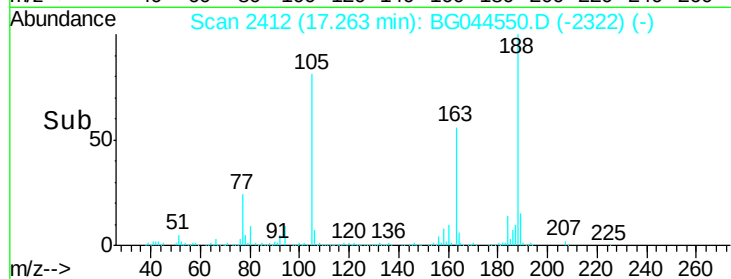
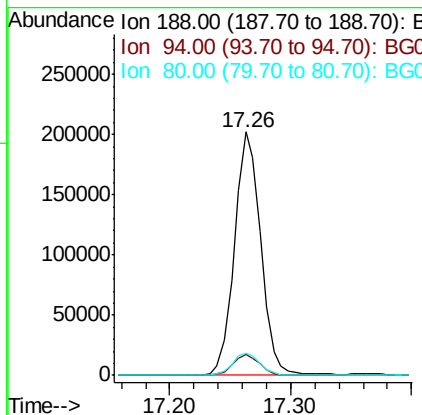
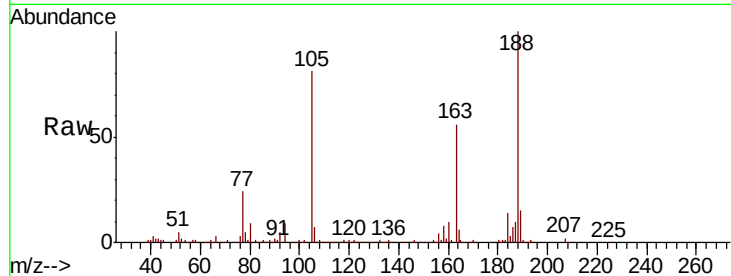




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG044550.D
 Acq: 21 Feb 2020 15:39

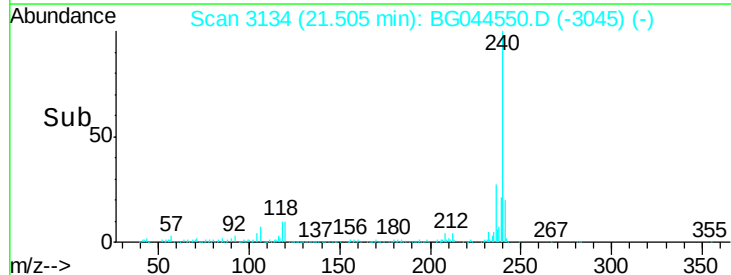
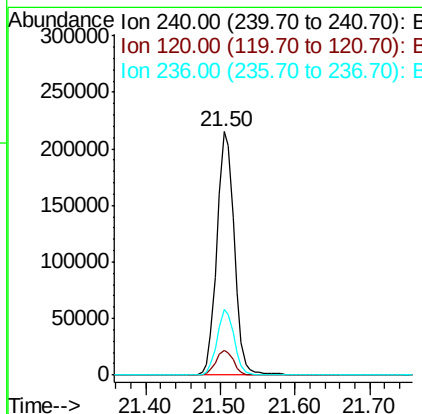
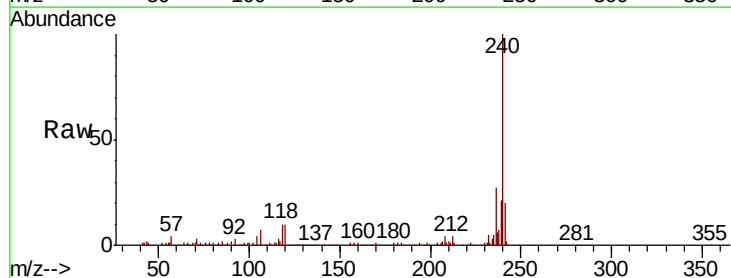
Instrument :
 BNA_G
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 TANK-MOAT-DISCHARGE-(EFFLUE

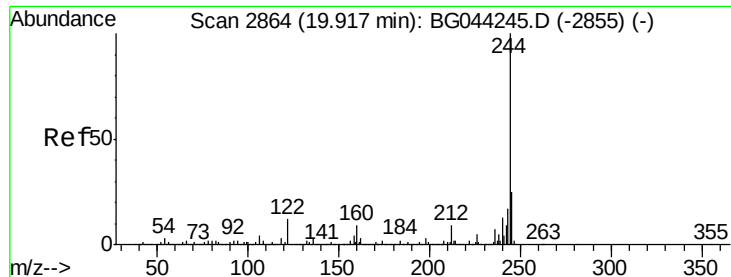
Tot Ion:188 Resp: 306533
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.4 11.0
 80 9.4 7.8 11.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG044550.D
 Acq: 21 Feb 2020 15:39

Tgt Ion:240 Resp: 348119
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.2 12.2
 236 26.7 22.0 33.0





#79

Terphenyl-d14

Concen: 86.597 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

TANK-MOAT-DISCHARGE-(EFFLUE

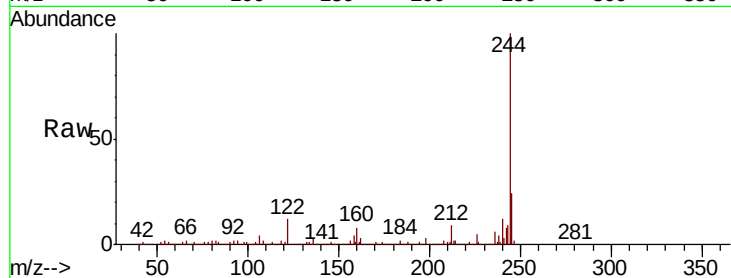
Tot Ion:244 Resp: 1465629

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

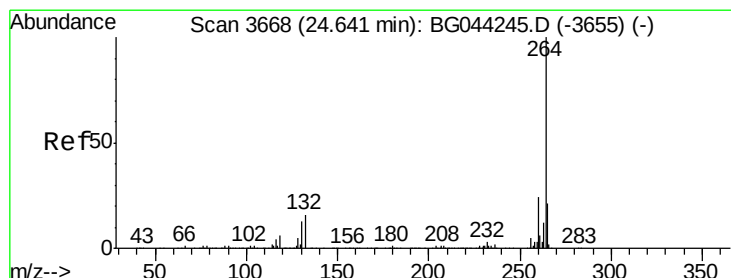
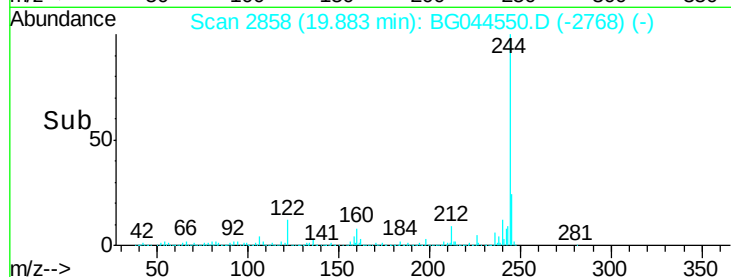
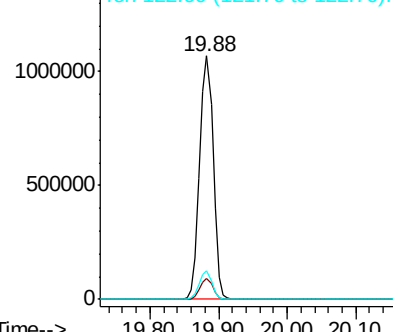
122 11.6 9.8 14.8



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: 24.58 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG044550.D

Acq: 21 Feb 2020 15:39

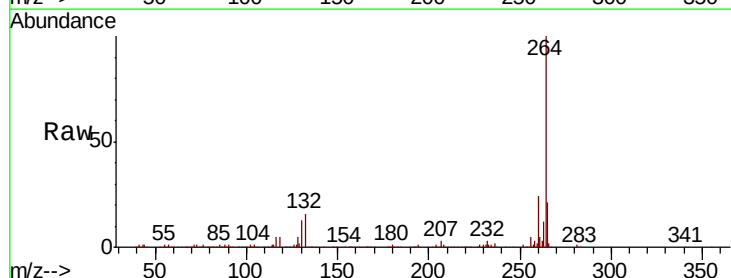
Tgt Ion:264 Resp: 403655

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.8

265 21.1 17.6 26.4



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

