

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062605.D
Acq On : 28 Aug 2024 21:26
Operator : MA/JU
Sample : P3760-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND

Quant Time: Aug 29 00:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	110267	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	443590	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	306076	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	694180	20.000	ng	0.00
76) Chrysene-d12	21.540	240	687385	20.000	ng	0.00
86) Perylene-d12	24.624	264	790615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	34776	5.658	ng	0.00
7) Phenol-d6	7.098	99	46285	5.287	ng	0.00
23) Nitrobenzene-d5	9.084	82	24611	3.682	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	21853	6.463	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	75861	4.075	ng	0.00
79) Terphenyl-d14	19.912	244	144653	4.400	ng	0.00

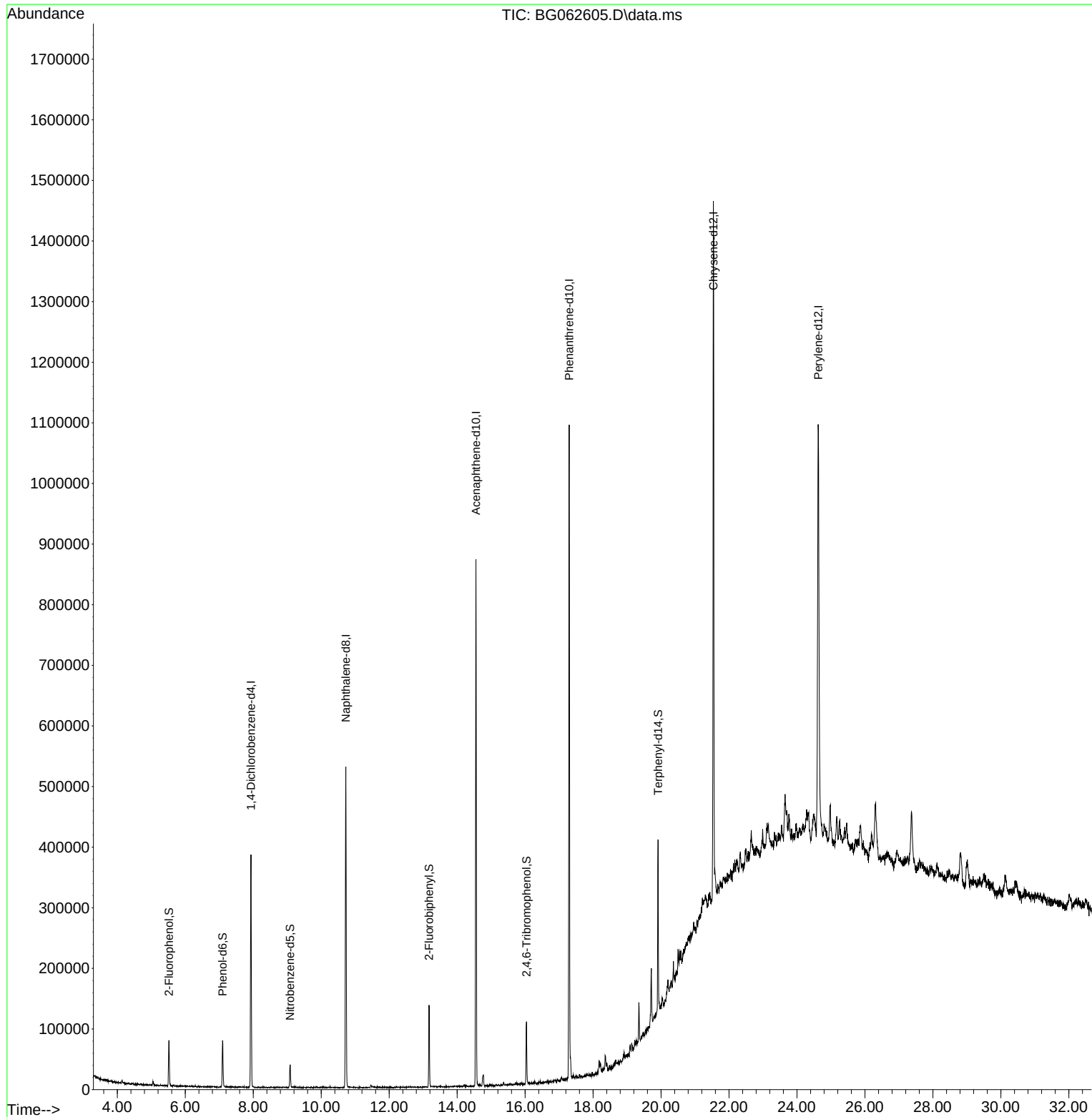
Target Compounds	Qvalue

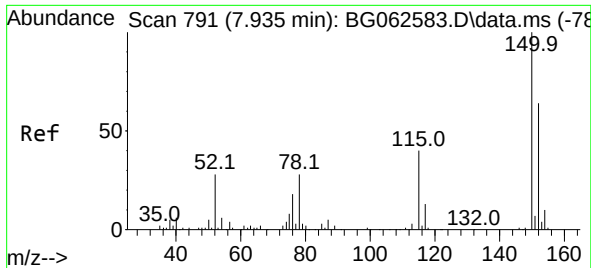
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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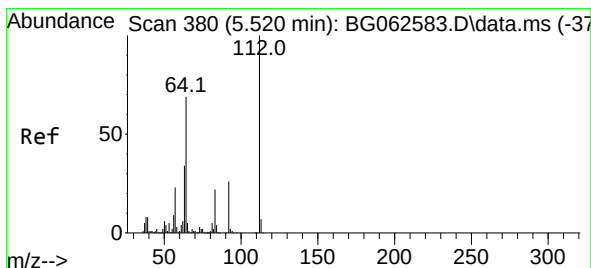
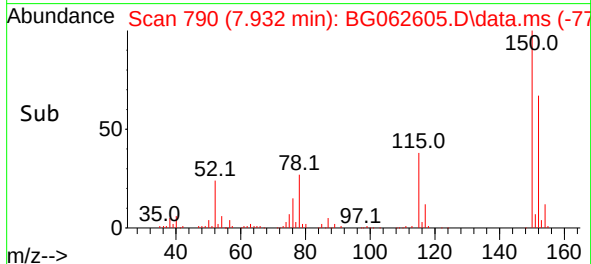
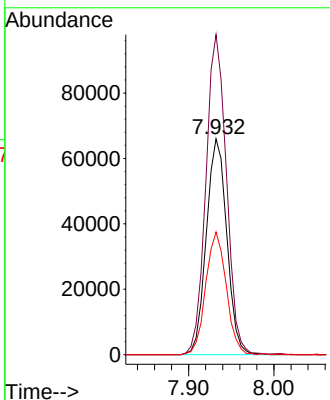
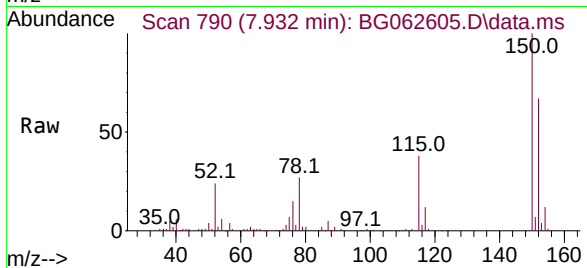




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 791
Delta R.T. -0.003 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

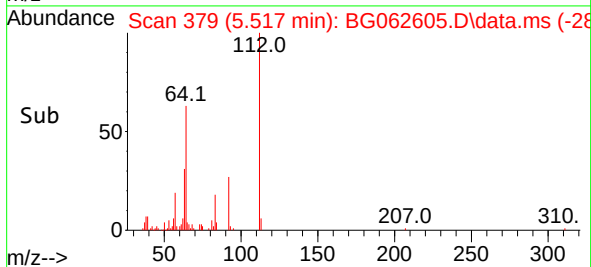
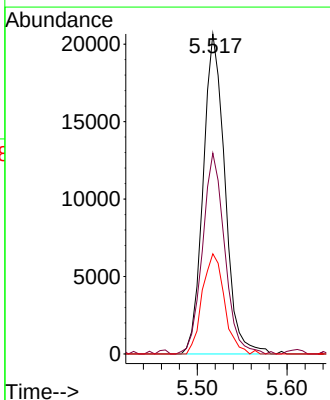
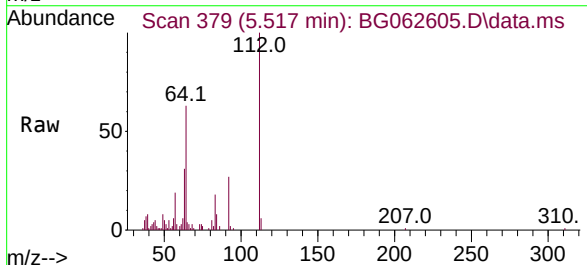
Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND

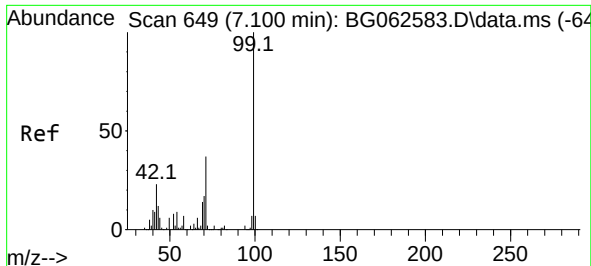
Tgt Ion:152 Resp: 110267
Ion Ratio Lower Upper
152 100
150 148.3 125.1 187.7
115 56.9 50.6 76.0



#5
2-Fluorophenol
Concen: 5.658 ng
RT: 5.517 min Scan# 379
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion:112 Resp: 34776
Ion Ratio Lower Upper
112 100
64 62.8 55.5 83.3
63 31.3 27.4 41.2

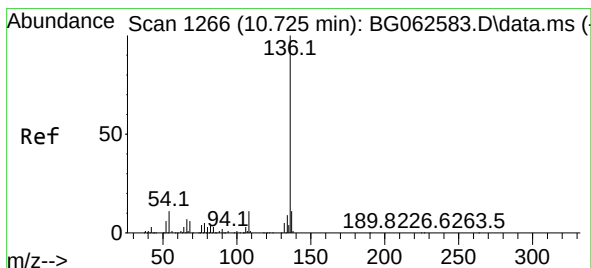
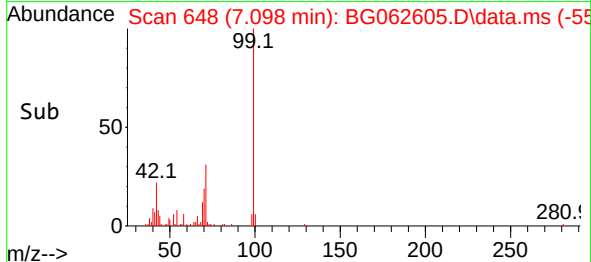
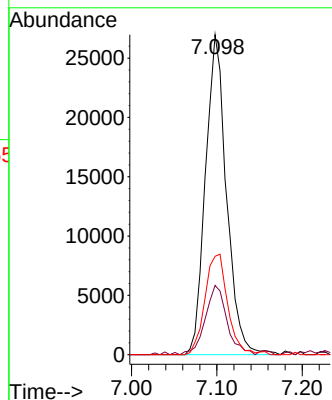
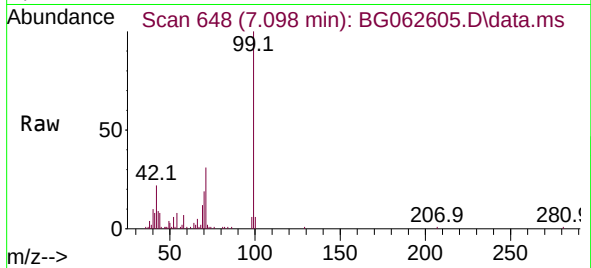




#7
Phenol-d6
Concen: 5.287 ng
RT: 7.098 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

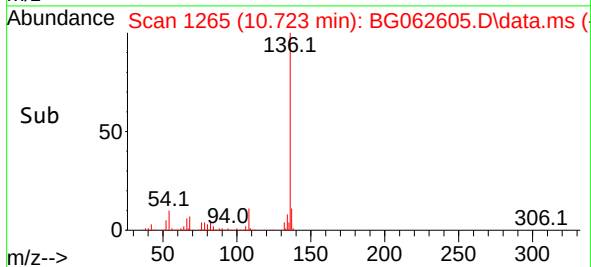
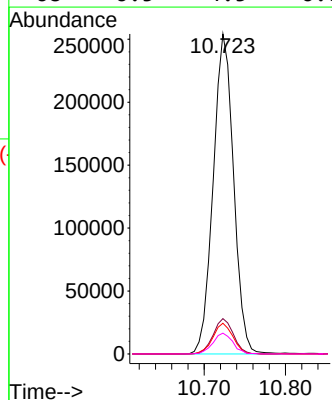
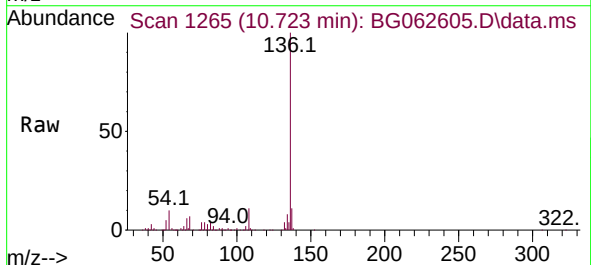
Instrument :
BNA_G
ClientSampleId :
ASPHALT-MOUND

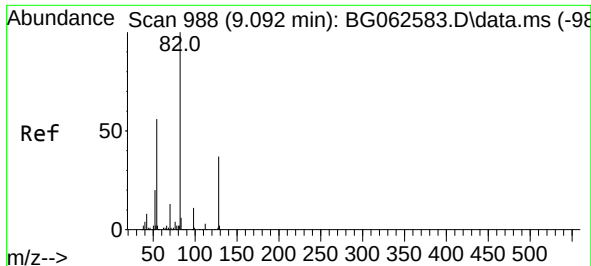
Tgt Ion: 99 Resp: 46285
Ion Ratio Lower Upper
99 100
42 21.6 18.7 28.1
71 30.8 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1265
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion: 136 Resp: 443590
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 9.0 13.4
68 6.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 3.682 ng

RT: 9.084 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG062605.D

Acq: 28 Aug 2024 21:26

Instrument :

BNA_G

ClientSampleId :

ASPHALT-MOUND

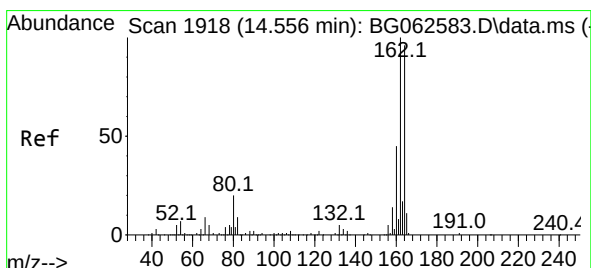
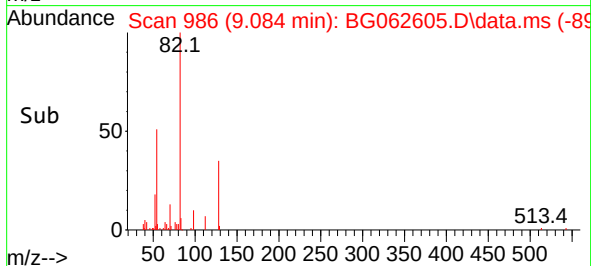
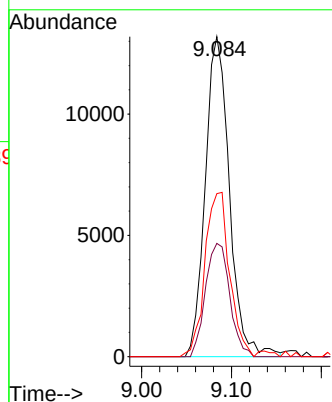
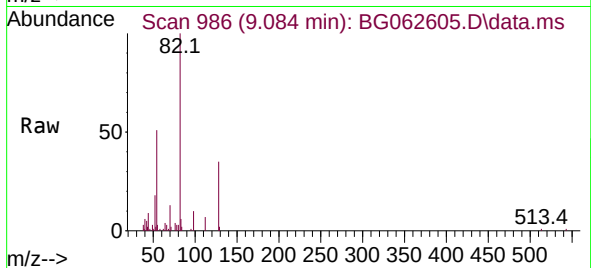
Tgt Ion: 82 Resp: 24611

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

54 51.0 44.4 66.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1917

Delta R.T. -0.002 min

Lab File: BG062605.D

Acq: 28 Aug 2024 21:26

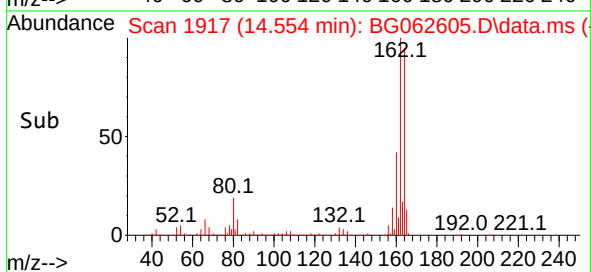
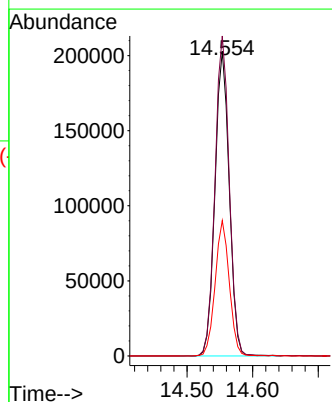
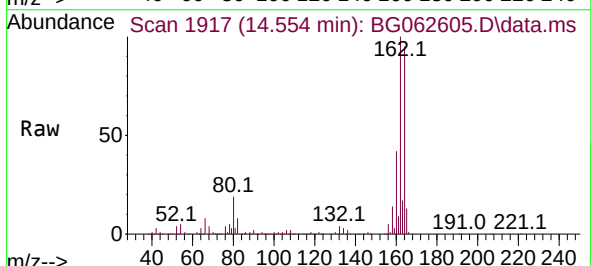
Tgt Ion:164 Resp: 306076

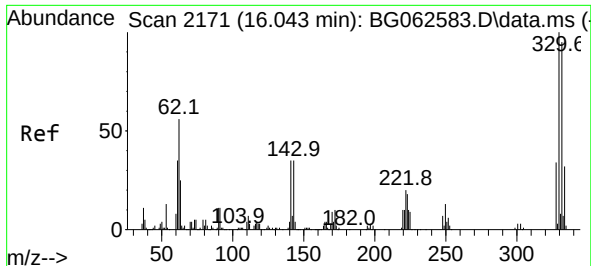
Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.6

160 44.4 37.7 56.5





#42

2,4,6-Tribromophenol

Concen: 6.463 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062605.D

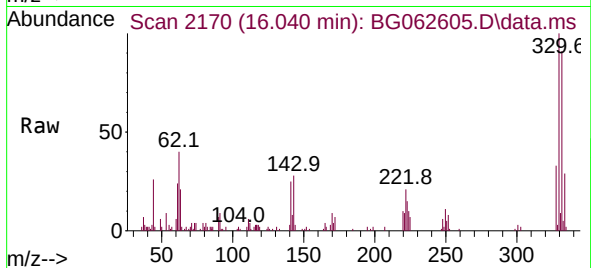
Acq: 28 Aug 2024 21:26

Instrument :

BNA_G

ClientSampleId :

ASPHALT-MOUND



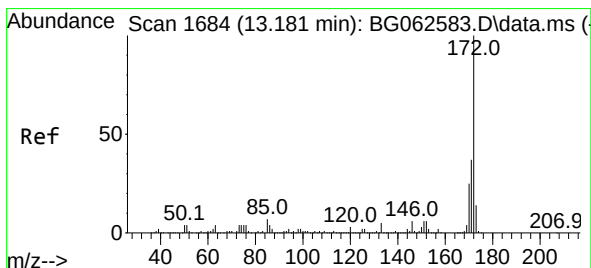
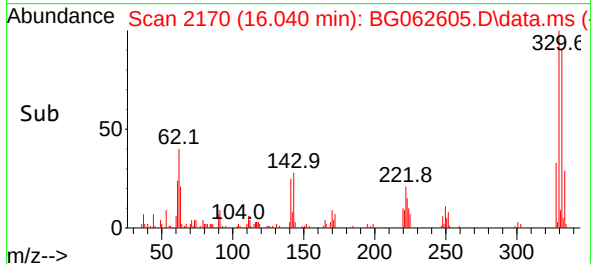
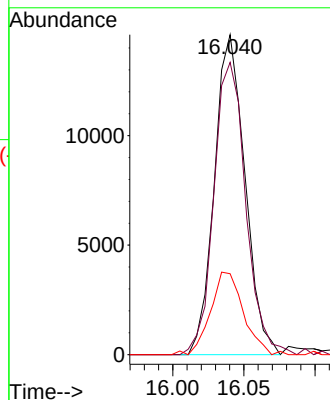
Tgt Ion:330 Resp: 21853

Ion Ratio Lower Upper

330 100

332 95.2 77.6 116.4

141 27.8 26.5 39.7



#45

2-Fluorobiphenyl

Concen: 4.075 ng

RT: 13.173 min Scan# 1682

Delta R.T. -0.008 min

Lab File: BG062605.D

Acq: 28 Aug 2024 21:26

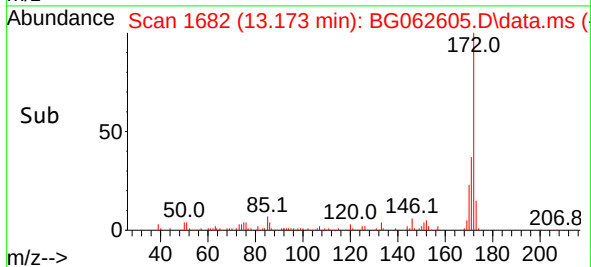
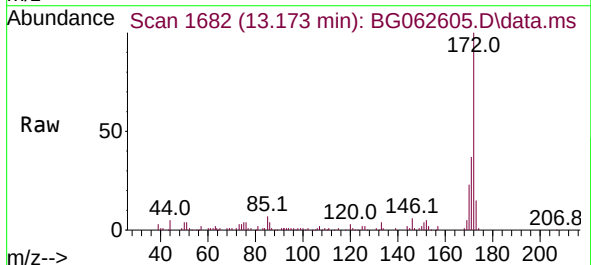
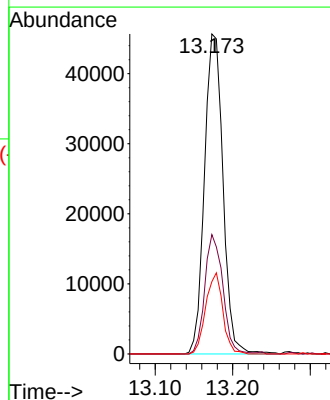
Tgt Ion:172 Resp: 75861

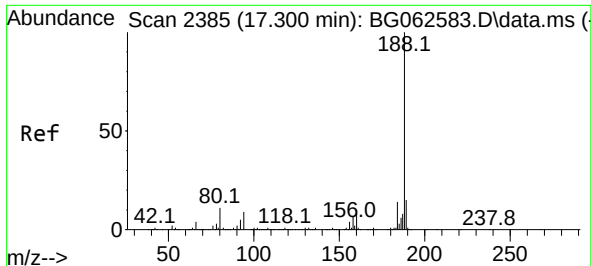
Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 22.6 20.1 30.1

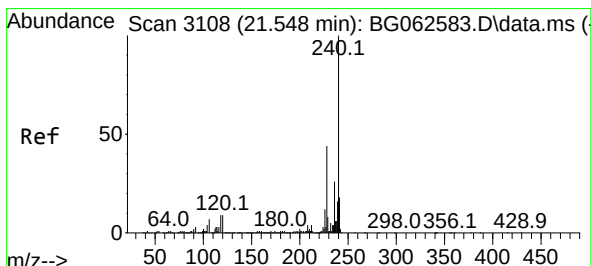
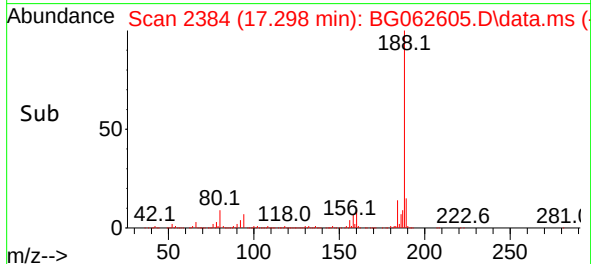
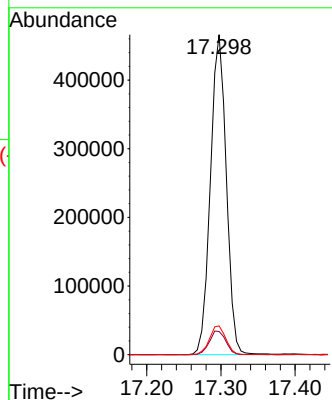
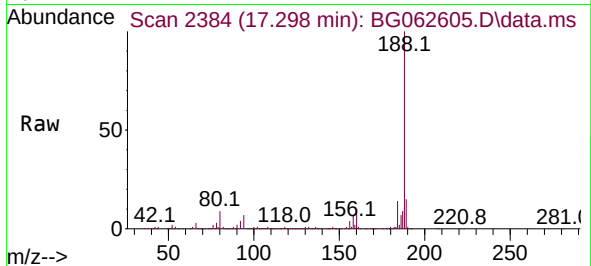




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

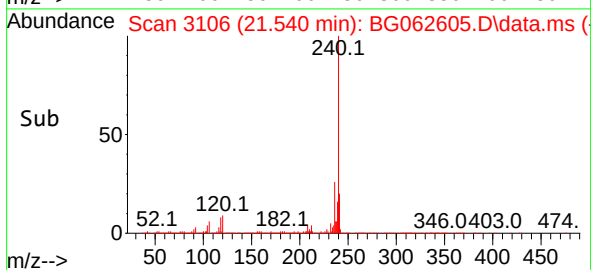
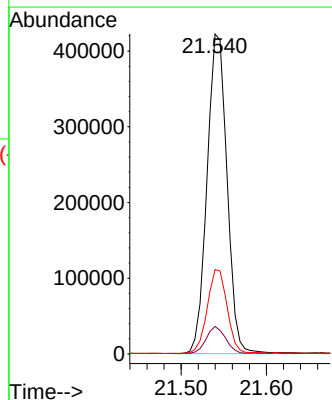
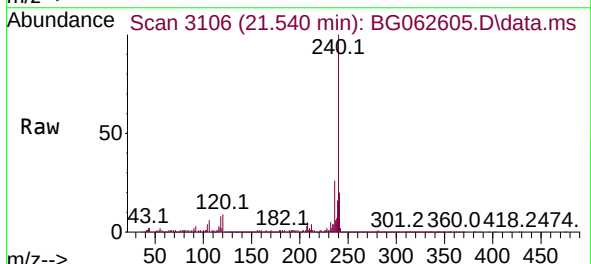
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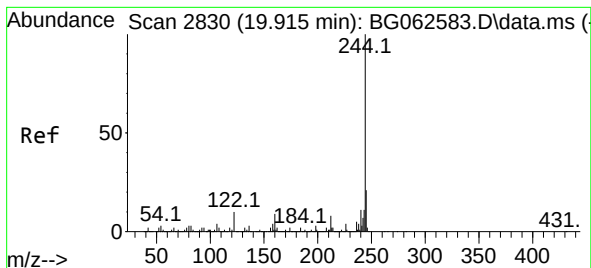
Tgt Ion:188 Resp: 694180
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 9.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.540 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BG062605.D
Acq: 28 Aug 2024 21:26

Tgt Ion:240 Resp: 687385
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 4.400 ng

RT: 19.912 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062605.D

Acq: 28 Aug 2024 21:26

Instrument :

BNA_G

ClientSampleId :

ASPHALT-MOUND

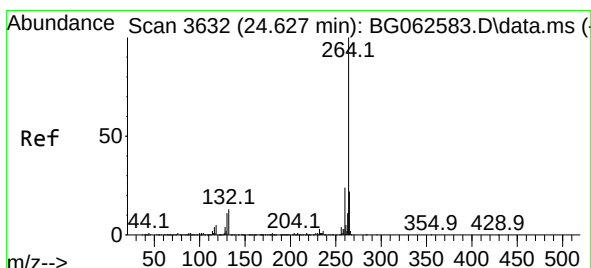
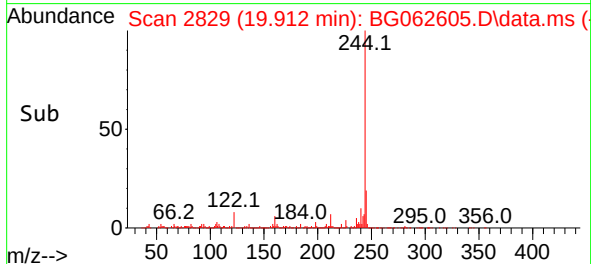
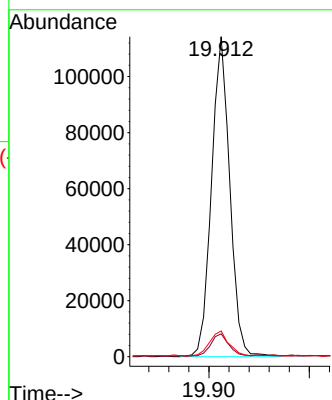
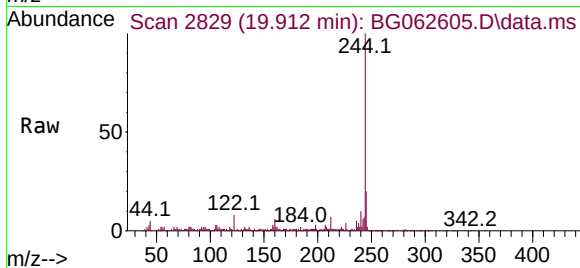
Tgt Ion:244 Resp: 144653

Ion Ratio Lower Upper

244 100

212 7.1 6.7 10.1

122 8.0 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.624 min Scan# 3631

Delta R.T. -0.002 min

Lab File: BG062605.D

Acq: 28 Aug 2024 21:26

Tgt Ion:264 Resp: 790615

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.9 17.8 26.6

