

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055367.D
 Acq On : 29 Oct 2022 16:05
 Operator : CG/JU
 Sample : N5272-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221109-COMP-08

Quant Time: Oct 31 02:44:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	26450	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	110840	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	74156	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	180436	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	187688	20.000	ng	0.00
86) Perylene-d12	25.275	264	199360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	157727	104.414	ng	0.00
7) Phenol-d6	7.407	99	203095	92.801	ng	0.00
23) Nitrobenzene-d5	9.434	82	120541	55.532	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	94218	116.875	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	276826	61.100	ng	-0.01
79) Terphenyl-d14	20.181	244	522224	57.810	ng	0.00

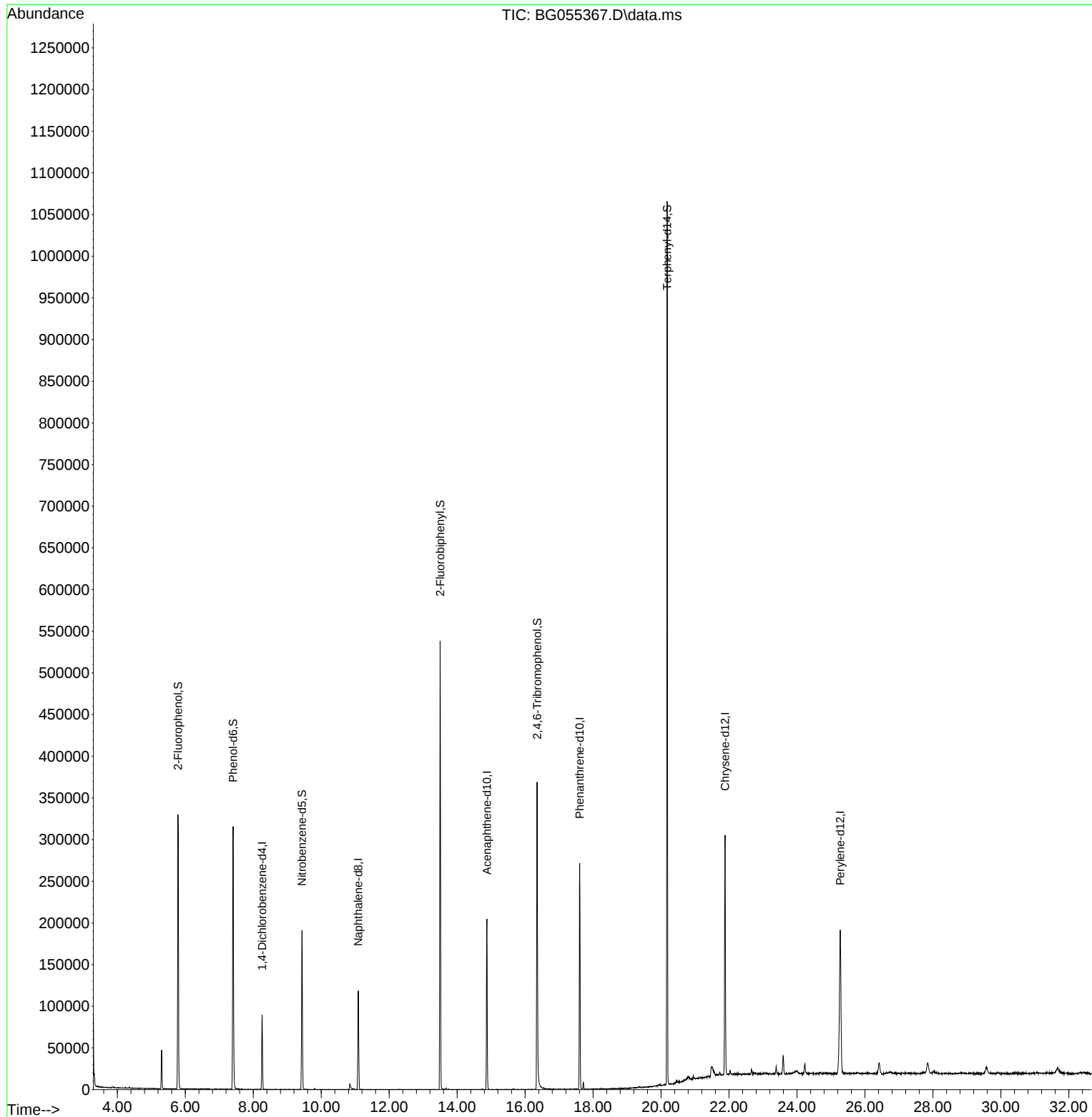
Target Compounds Qvalue

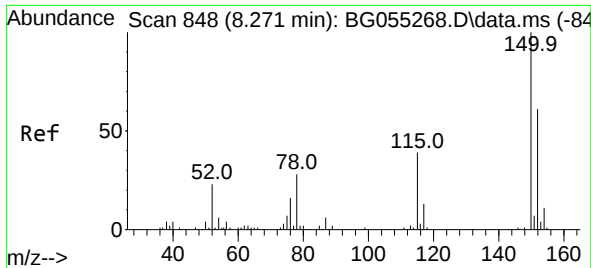
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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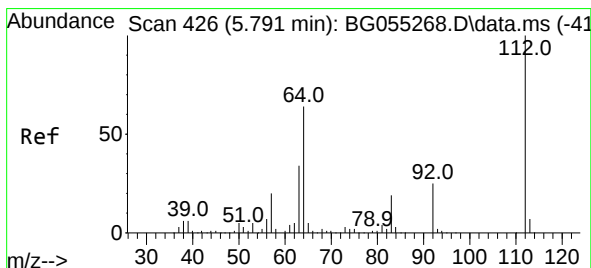
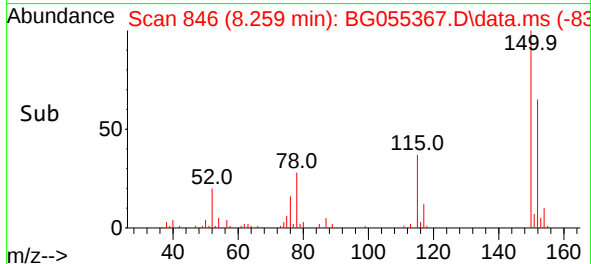
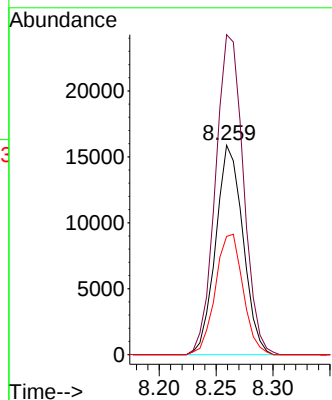
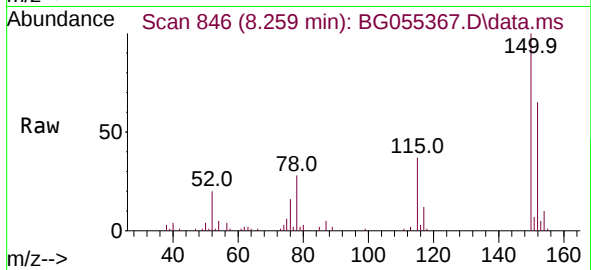




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

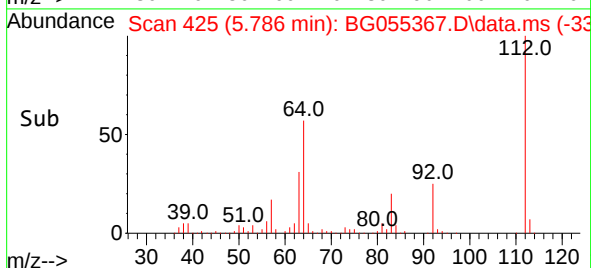
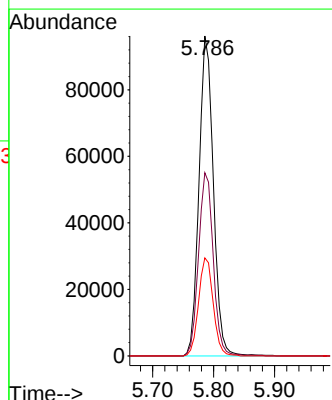
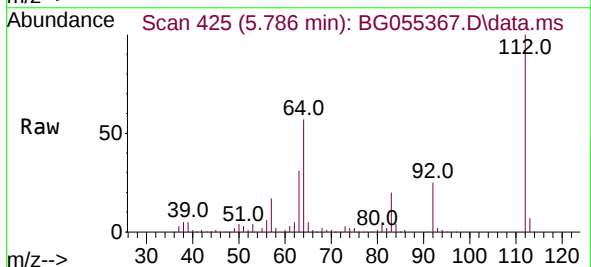
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

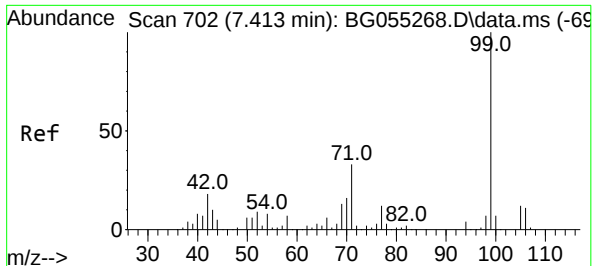
Tgt Ion:152 Resp: 26450
Ion Ratio Lower Upper
152 100
150 152.9 118.2 177.4
115 56.4 44.5 66.7



#5
2-Fluorophenol
Concen: 104.414 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion:112 Resp: 157727
Ion Ratio Lower Upper
112 100
64 57.2 52.6 78.8
63 30.6 27.1 40.7

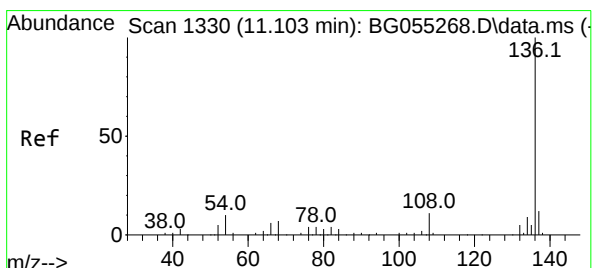
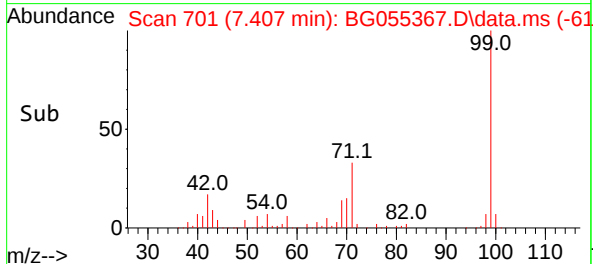
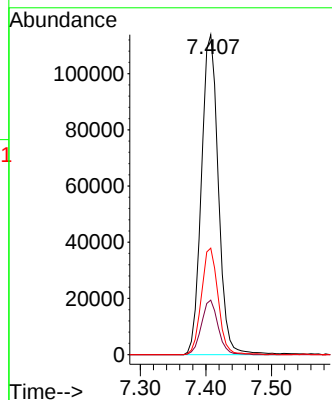
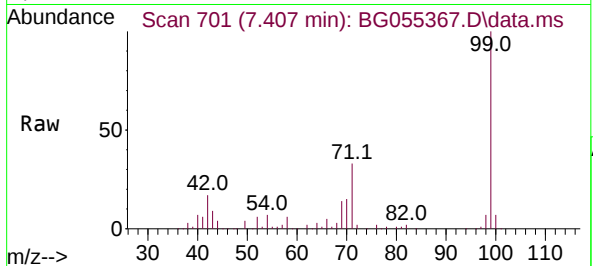




#7
Phenol-d6
Concen: 92.801 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

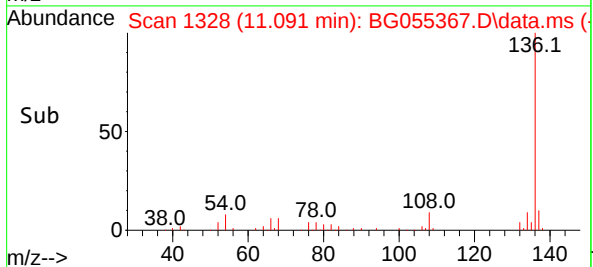
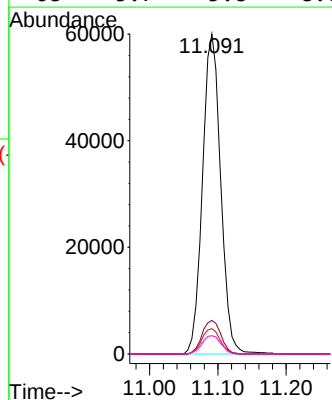
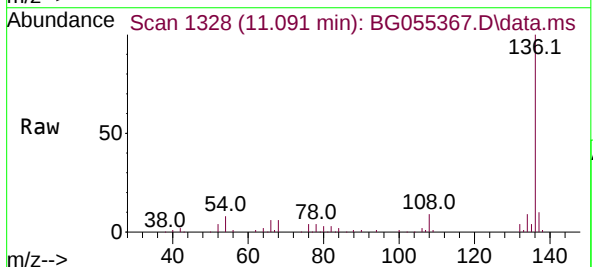
Instrument :
BNA_G
ClientSampleId :
20221109-COMP-08

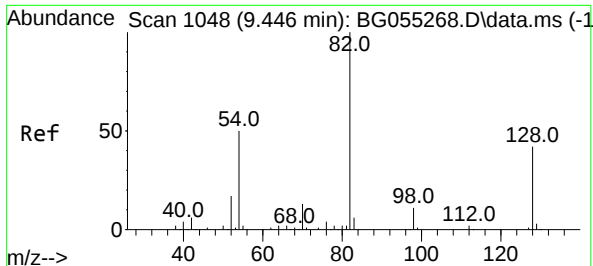
Tgt Ion: 99 Resp: 203095
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 33.3 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion: 136 Resp: 110840
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.9 7.8 11.8
68 5.7 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 55.532 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055367.D

Acq: 29 Oct 2022 16:05

Instrument :

BNA_G

ClientSampleId :

20221109-COMP-08

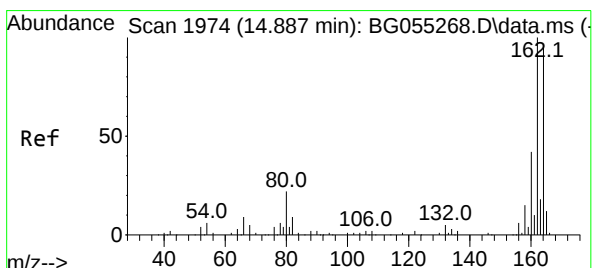
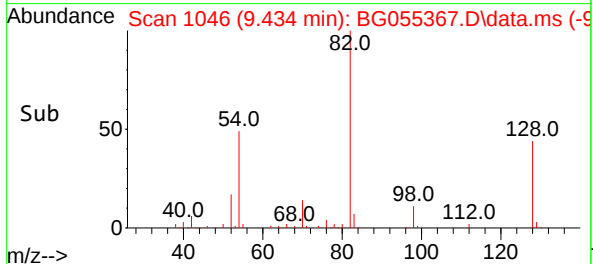
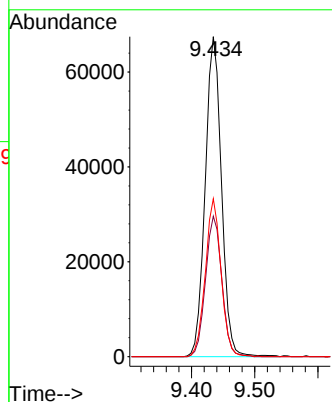
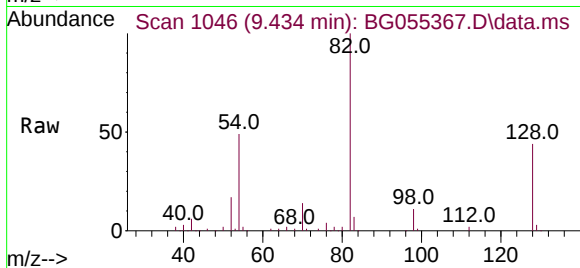
Tgt Ion: 82 Resp: 120541

Ion Ratio Lower Upper

82 100

128 43.9 32.0 48.0

54 49.3 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055367.D

Acq: 29 Oct 2022 16:05

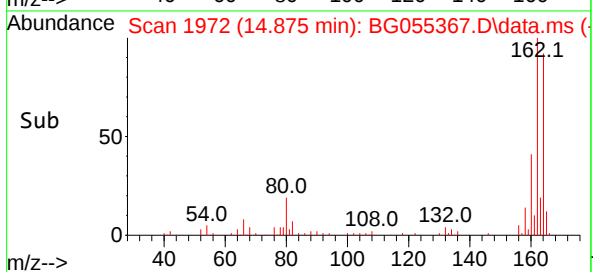
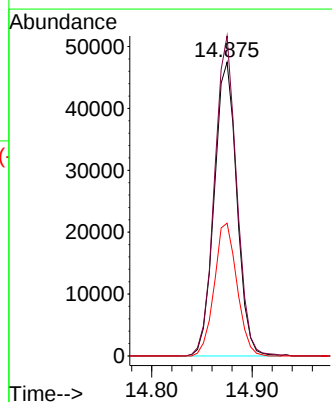
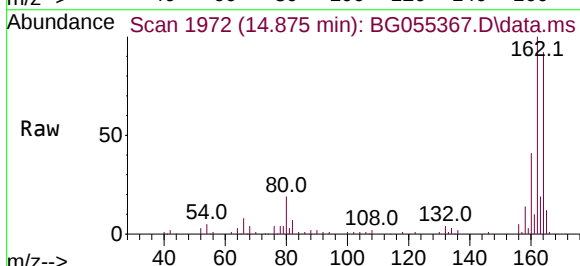
Tgt Ion: 164 Resp: 74156

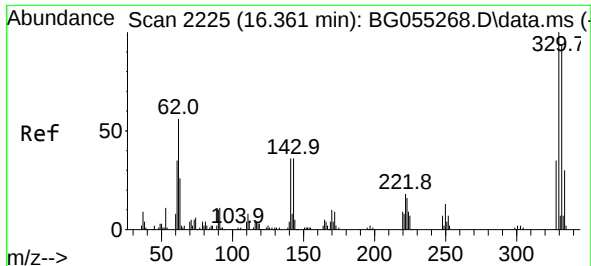
Ion Ratio Lower Upper

164 100

162 109.0 84.0 126.0

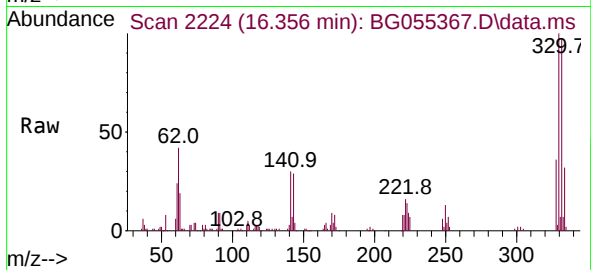
160 45.2 36.7 55.1



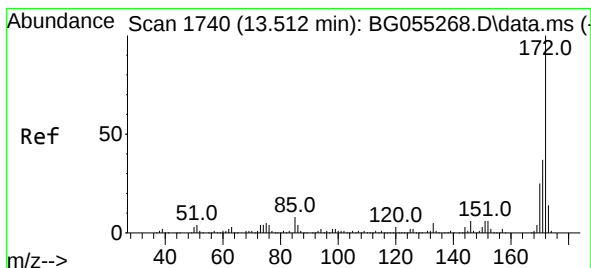
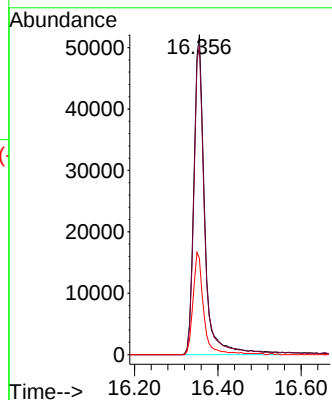
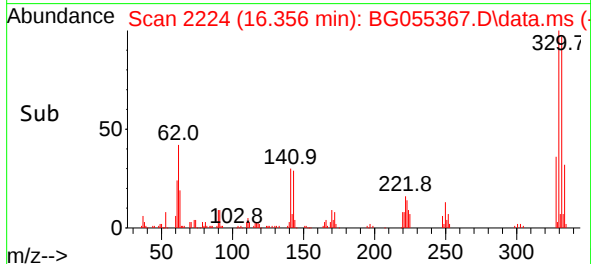


#42
2,4,6-Tribromophenol
Concen: 116.875 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

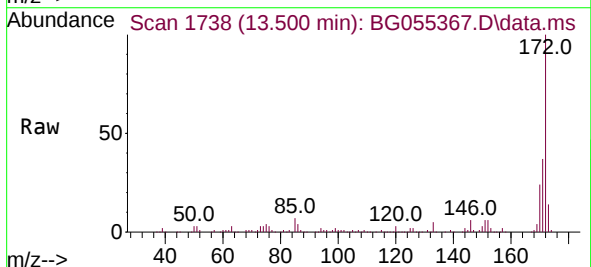
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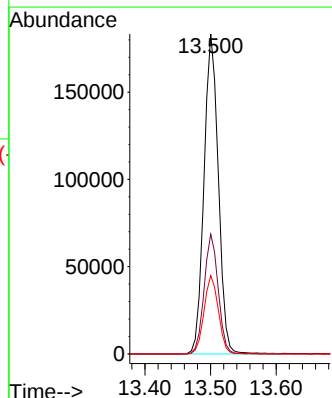
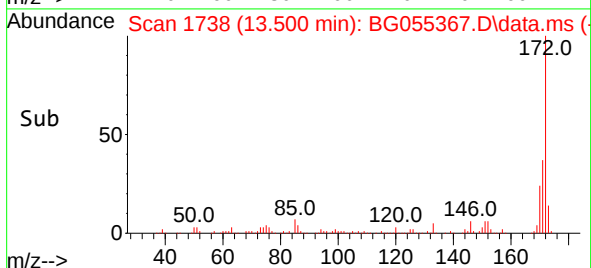
Tgt Ion:330 Resp: 94218
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 31.5 29.8 44.8

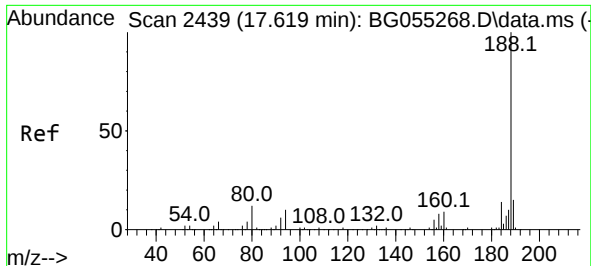


#45
2-Fluorobiphenyl
Concen: 61.100 ng
RT: 13.500 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05



Tgt Ion:172 Resp: 276826
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.5 20.2 30.2

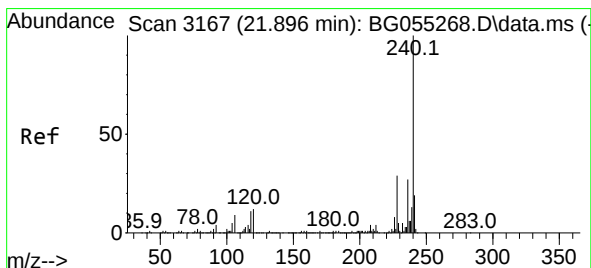
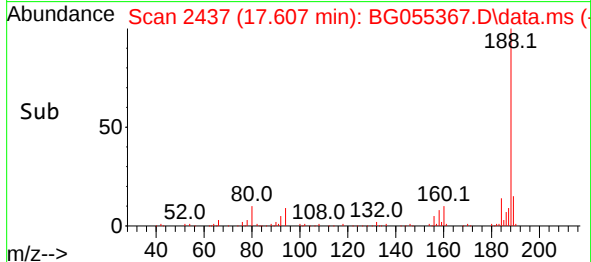
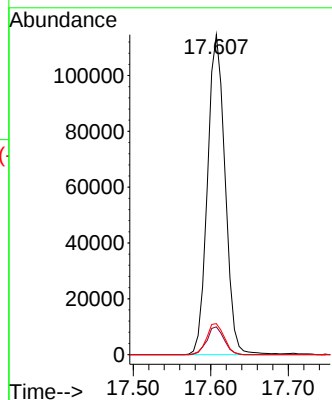
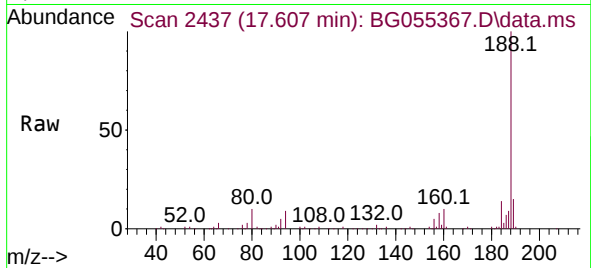




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

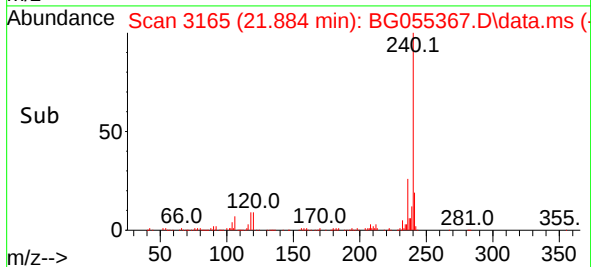
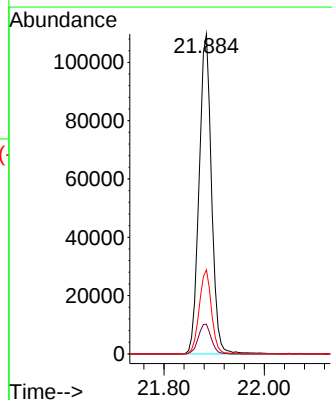
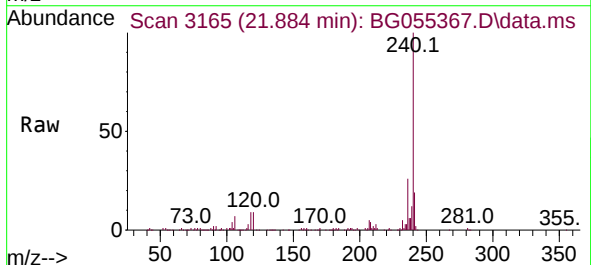
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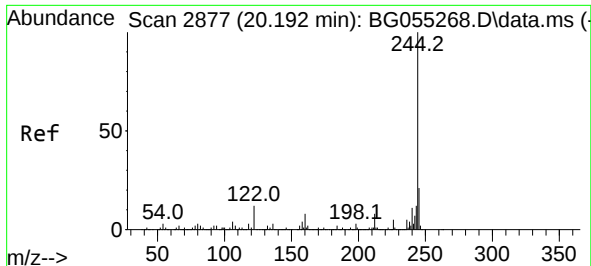
Tgt Ion:188 Resp: 180436
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 9.7 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055367.D
Acq: 29 Oct 2022 16:05

Tgt Ion:240 Resp: 187688
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.3 21.0 31.4

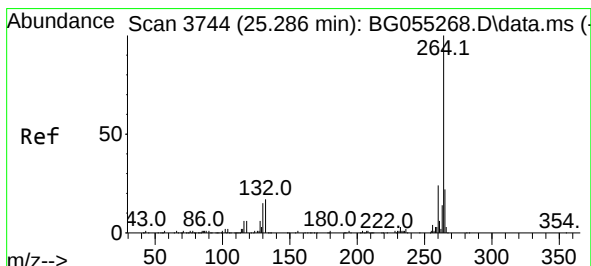
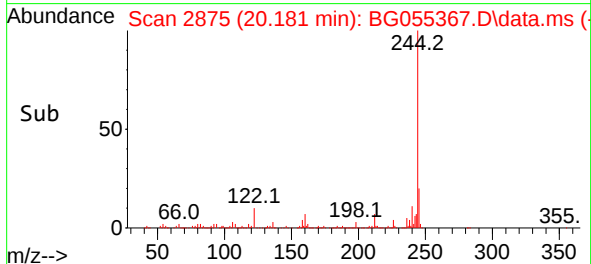
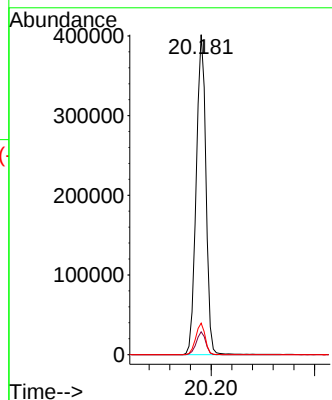
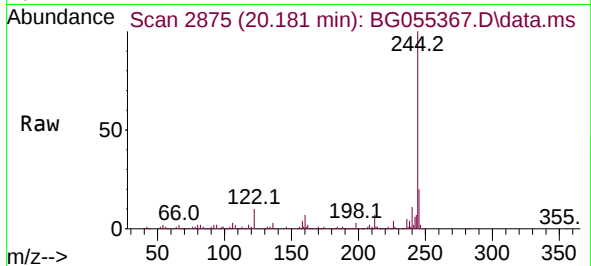




#79
 Terphenyl-d14
 Concen: 57.810 ng
 RT: 20.181 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055367.D
 Acq: 29 Oct 2022 16:05

Instrument :
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Tgt Ion:244 Resp: 522224
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.275 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055367.D
 Acq: 29 Oct 2022 16:05

Tgt Ion:264 Resp: 199360
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.6 17.4 26.2

