

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055375.D
 Acq On : 29 Oct 2022 21:35
 Operator : CG/JU
 Sample : N5313-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-NW-QUARTER

Quant Time: Oct 31 02:45:40 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)

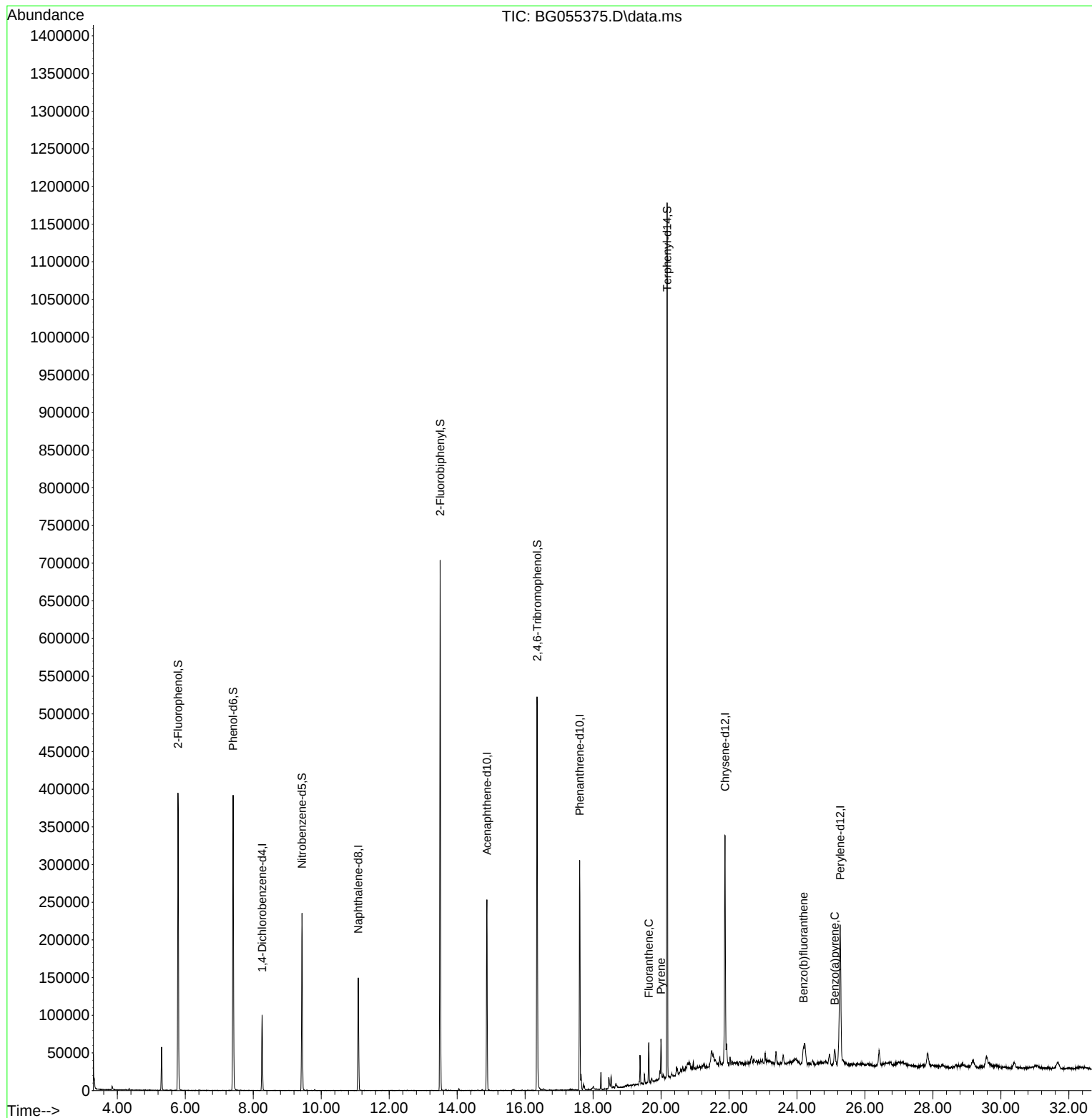
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	31381	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	135760	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	92232	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	200378	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	189110	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	204571	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	184279	102.823	ng	0.00
7) Phenol-d6	7.407	99	246163	94.806	ng	0.00
23) Nitrobenzene-d5	9.434	82	148138	55.719	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	115659	115.354	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	368226	65.346	ng	-0.01
79) Terphenyl-d14	20.180	244	576721	63.362	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.640	202	33043	2.654	ng	96
78) Pyrene	19.998	202	34423	2.656	ng	96
88) Benzo(b)fluoranthene	24.193	252	27988	2.274	ng	95
90) Benzo(a)pyrene	25.110	252	22701	2.151	ng	95

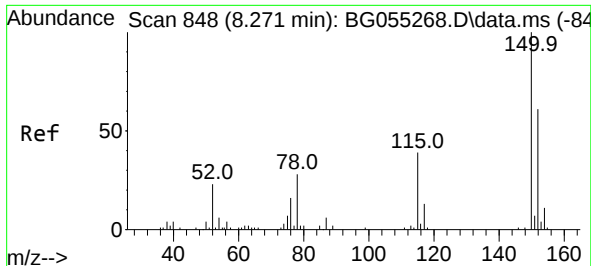
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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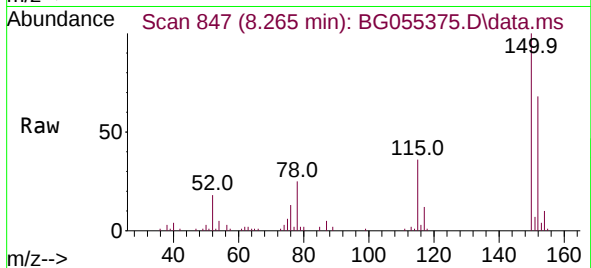
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



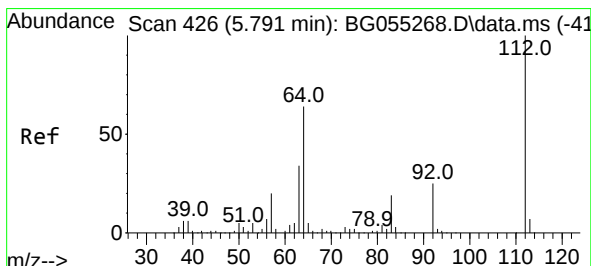
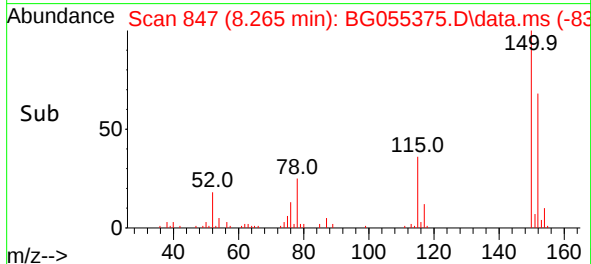
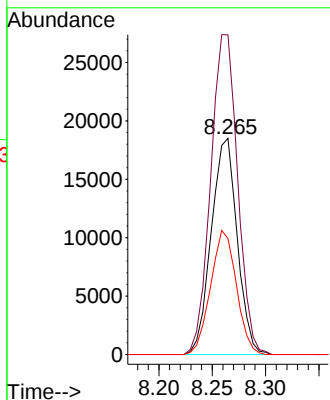


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

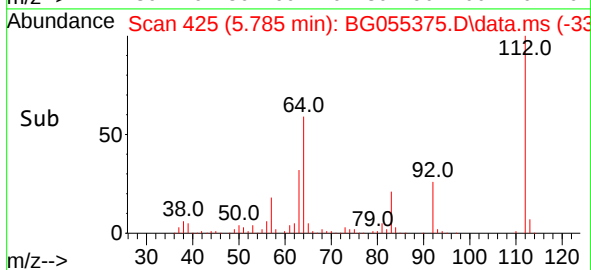
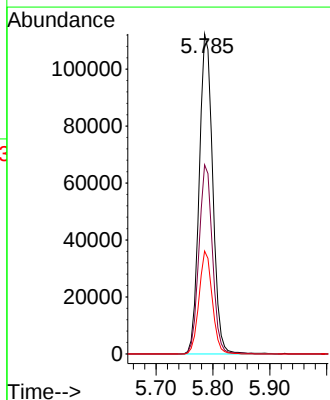
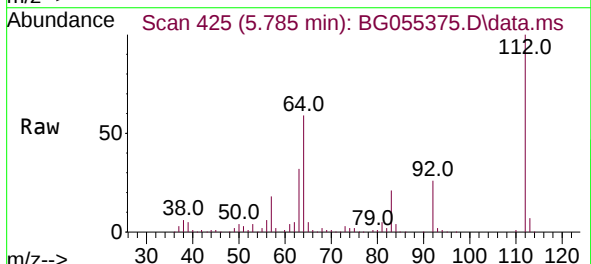


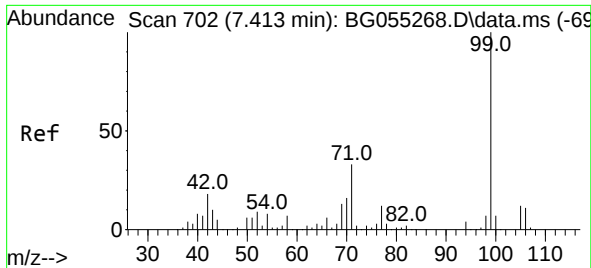
Tgt Ion:152 Resp: 31381
Ion Ratio Lower Upper
152 100
150 147.9 118.2 177.4
115 53.7 44.5 66.7



#5
2-Fluorophenol
Concen: 102.823 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:112 Resp: 184279
Ion Ratio Lower Upper
112 100
64 59.1 52.6 78.8
63 32.1 27.1 40.7

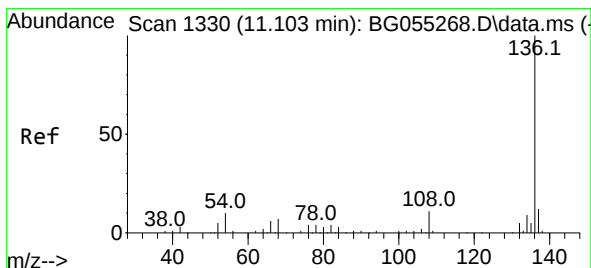
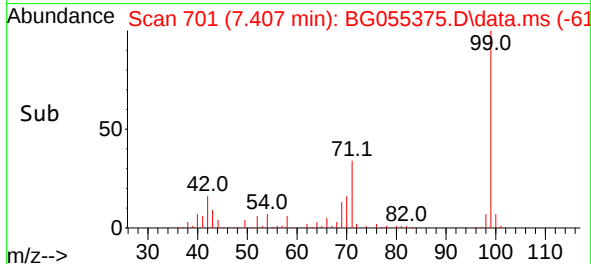
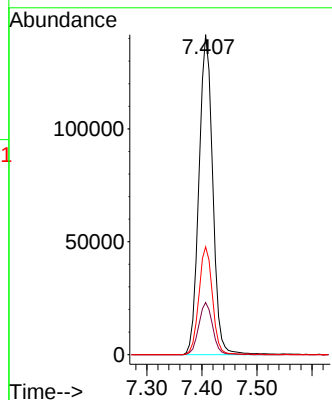
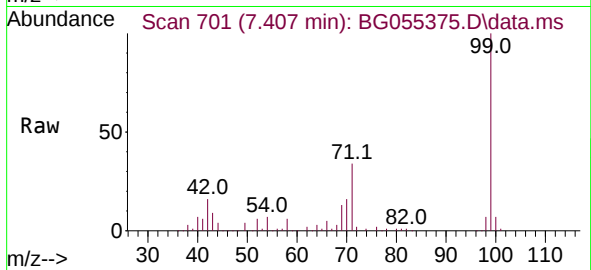




#7
Phenol-d6
Concen: 94.806 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

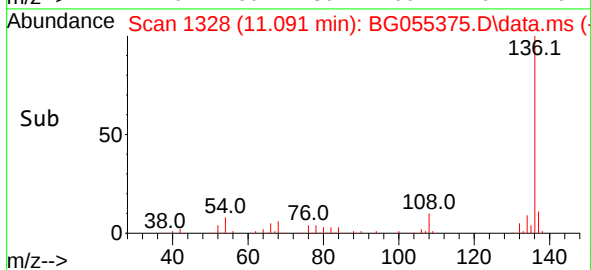
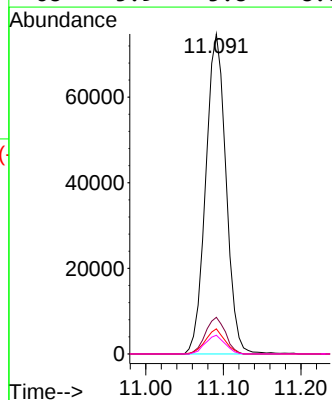
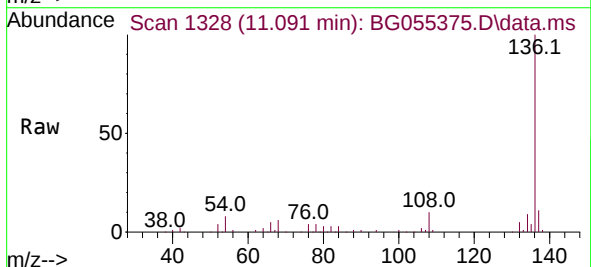
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

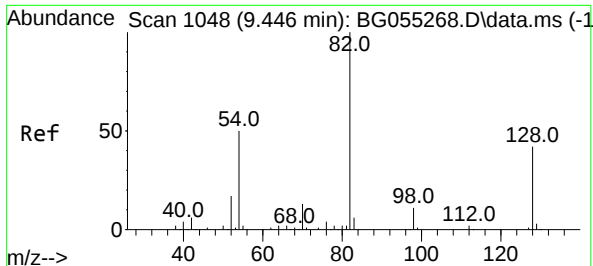
Tgt Ion: 99 Resp: 246163
Ion Ratio Lower Upper
99 100
42 16.3 15.2 22.8
71 33.7 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion: 136 Resp: 135760
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.8 7.8 11.8#
68 5.9 5.8 8.6





#23

Nitrobenzene-d5

Concen: 55.719 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055375.D

Acq: 29 Oct 2022 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER

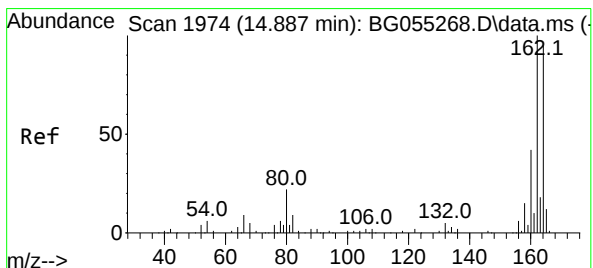
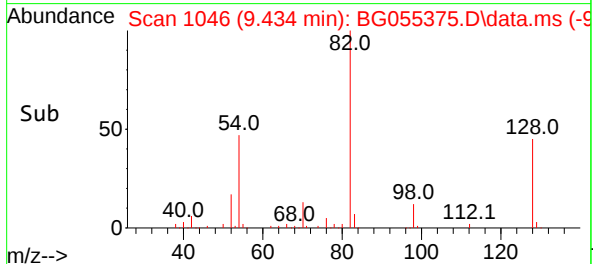
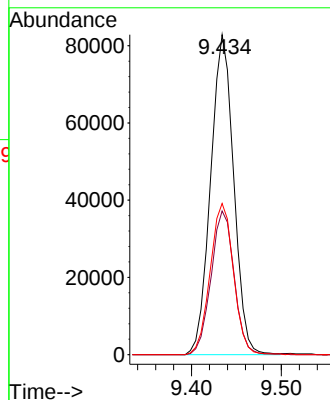
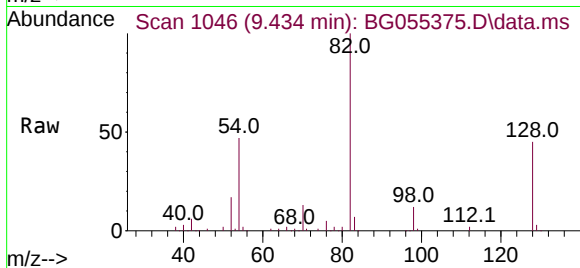
Tgt Ion: 82 Resp: 148138

Ion Ratio Lower Upper

82 100

128 44.9 32.0 48.0

54 47.2 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: BG055375.D

Acq: 29 Oct 2022 21:35

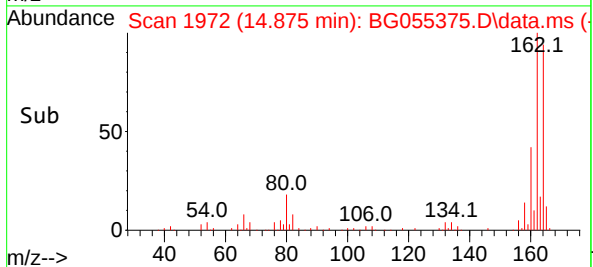
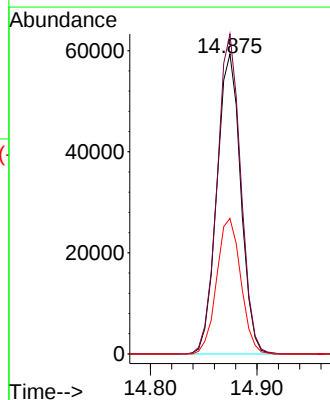
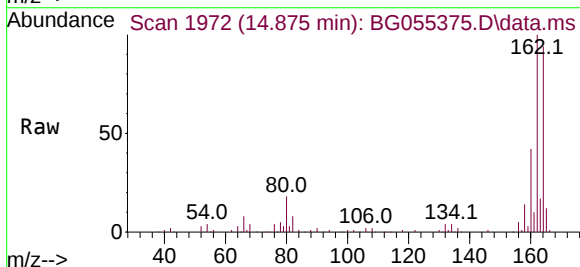
Tgt Ion:164 Resp: 92232

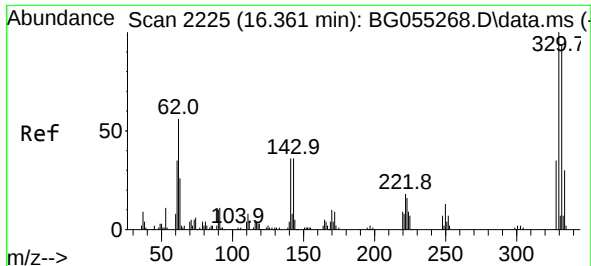
Ion Ratio Lower Upper

164 100

162 106.7 84.0 126.0

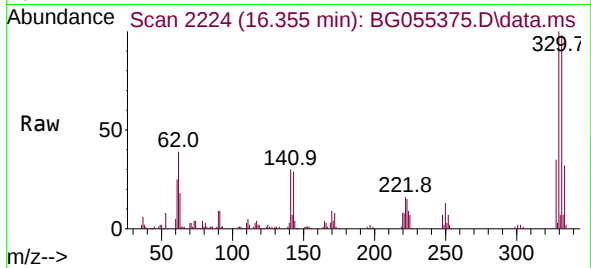
160 45.1 36.7 55.1



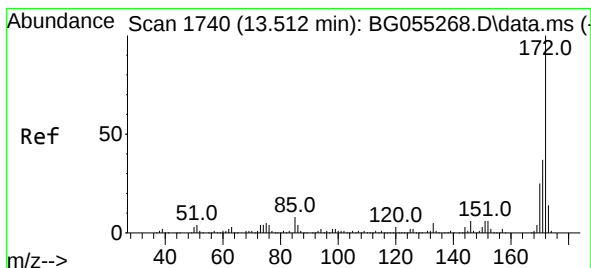
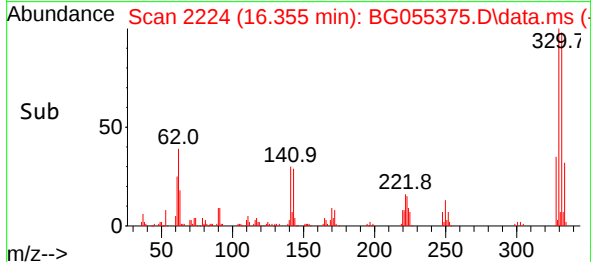
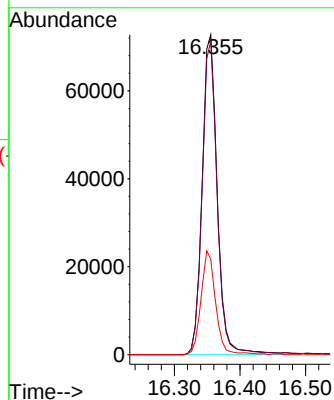


#42
2,4,6-Tribromophenol
Concen: 115.354 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

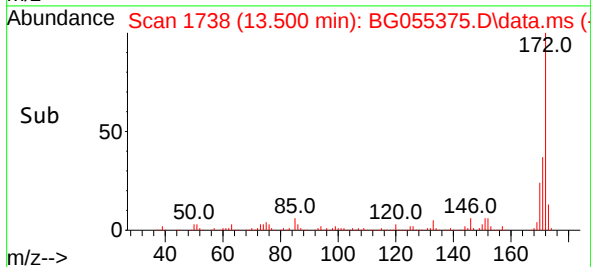
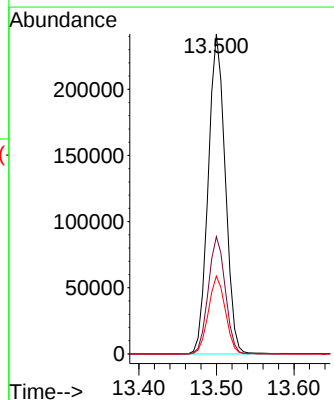
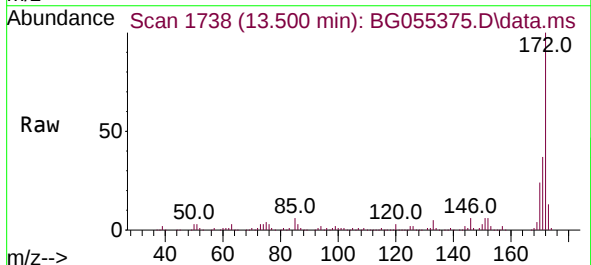


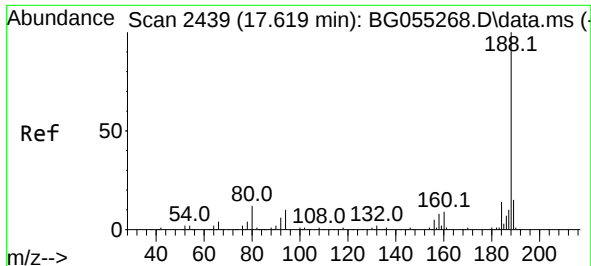
Tgt Ion:330 Resp: 115659
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 31.4 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 65.346 ng
RT: 13.500 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:172 Resp: 368226
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.3 20.2 30.2

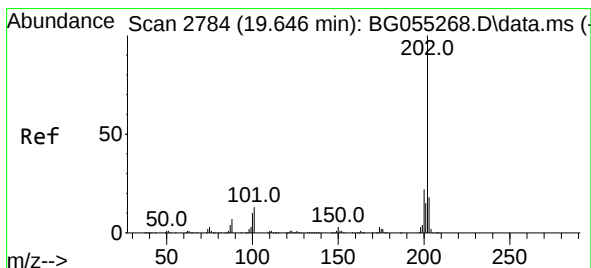
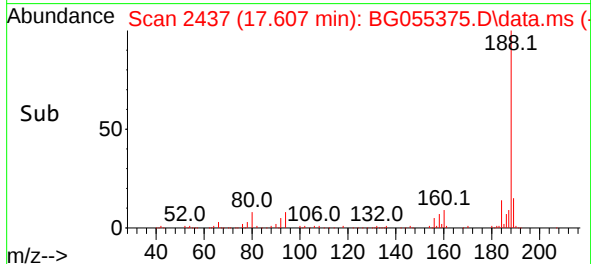
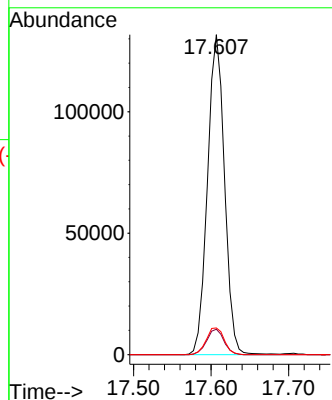
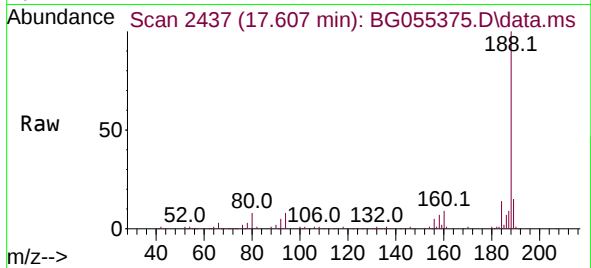




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

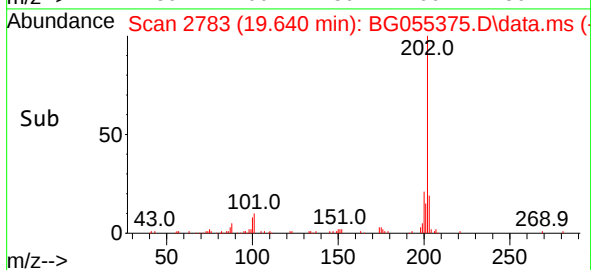
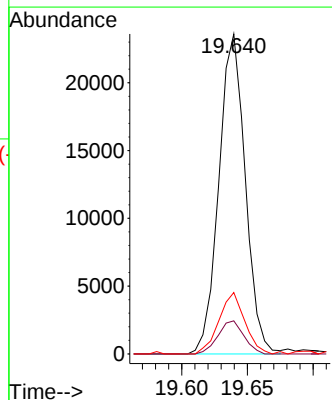
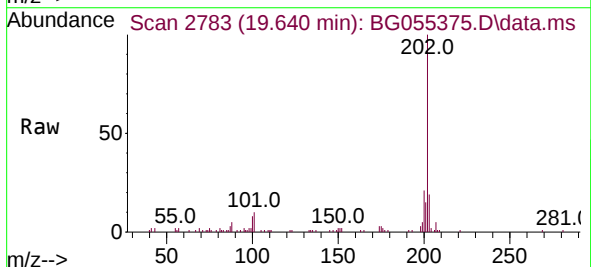
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ClientSampleId :
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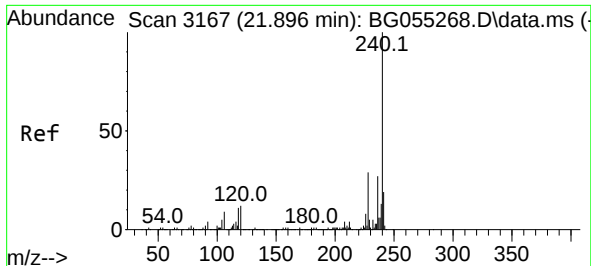
Tgt Ion:188 Resp: 200378
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.4#
80 8.3 10.1 15.1#



#75
Fluoranthene
Concen: 2.654 ng
RT: 19.640 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:202 Resp: 33043
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.6
203 19.2 0.0 38.3

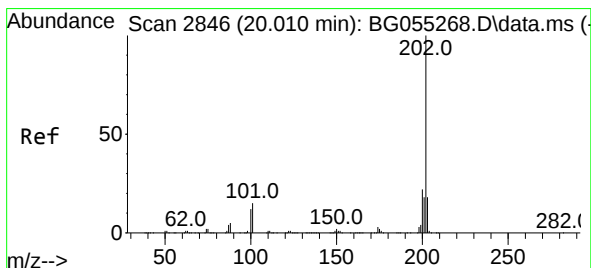
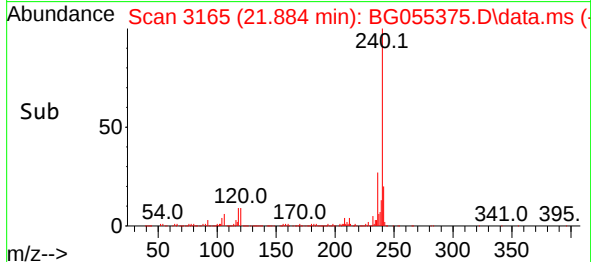
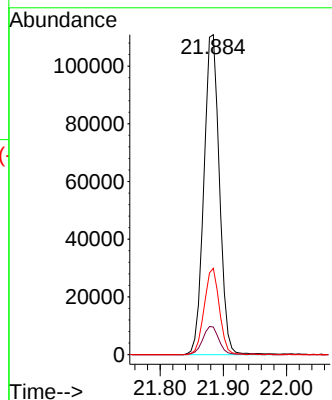
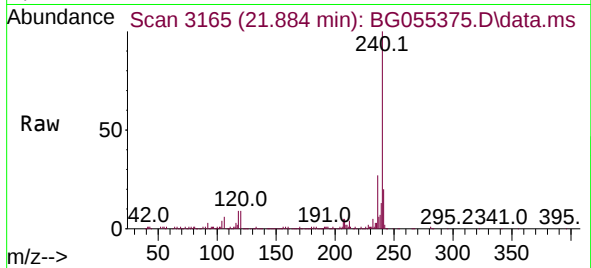




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

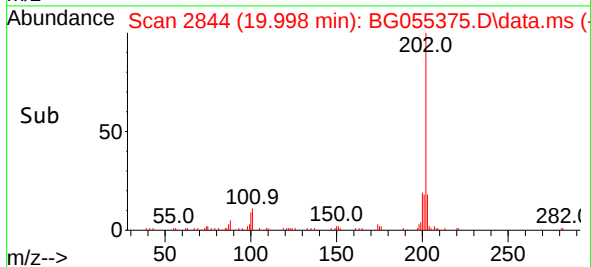
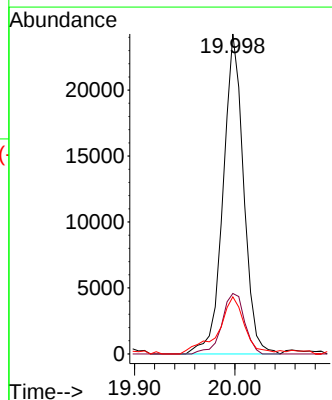
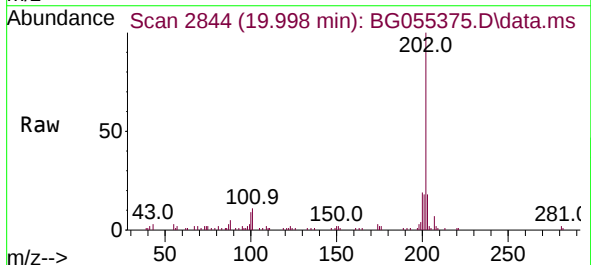
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COMPOSITE-NW-QUARTER

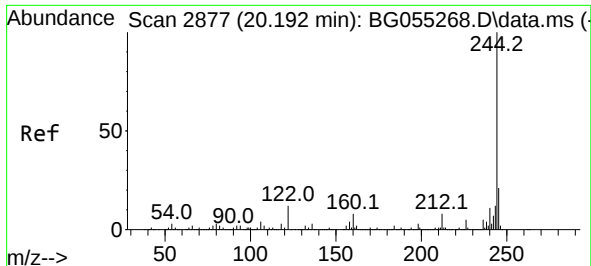
Tgt Ion:240 Resp: 189110
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 27.0 21.0 31.4



#78
Pyrene
Concen: 2.656 ng
RT: 19.998 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:202 Resp: 34423
Ion Ratio Lower Upper
202 100
200 18.9 18.0 27.0
203 17.8 14.3 21.5

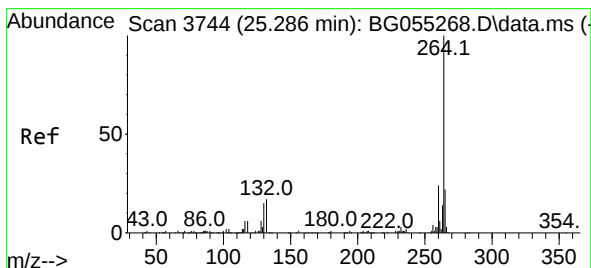
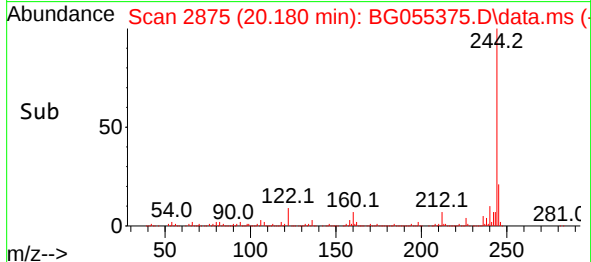
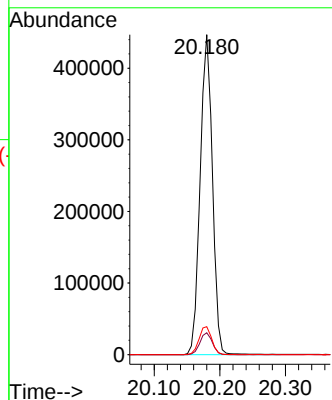
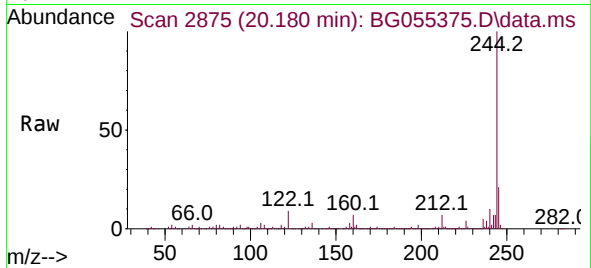




#79
 Terphenyl-d14
 Concen: 63.362 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055375.D
 Acq: 29 Oct 2022 21:35

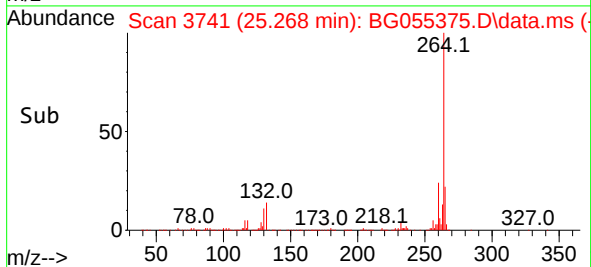
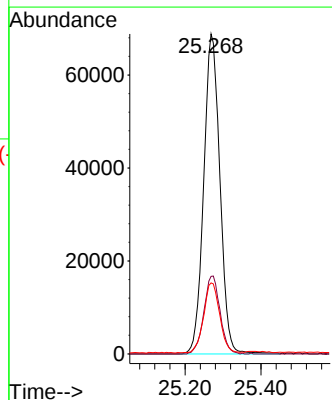
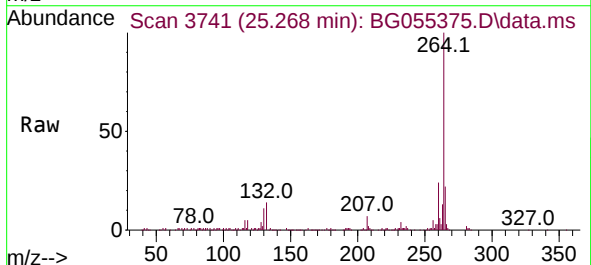
Instrument :
 BNA_G
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 COMPOSITE-NW-QUARTER

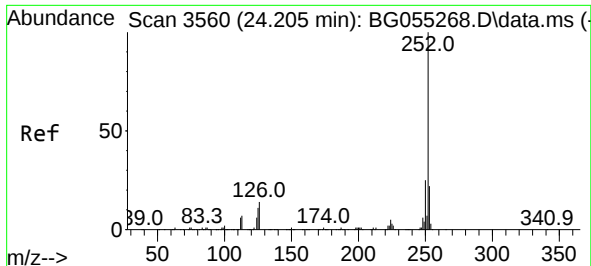
Tgt Ion:244 Resp: 576721
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.7 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3741
 Delta R.T. -0.018 min
 Lab File: BG055375.D
 Acq: 29 Oct 2022 21:35

Tgt Ion:264 Resp: 204571
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.2 17.4 26.2

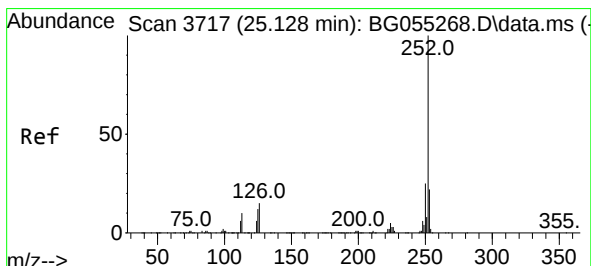
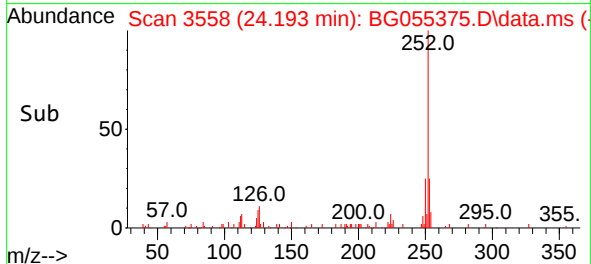
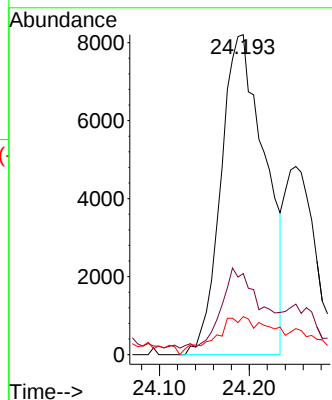
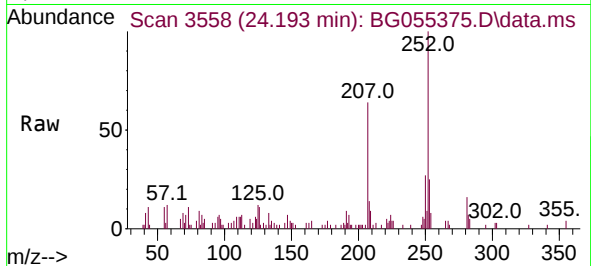




#88
Benzo(b)fluoranthene
Concen: 2.274 ng
RT: 24.193 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

Tgt Ion:252 Resp: 27988
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 11.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 2.151 ng
RT: 25.110 min Scan# 3714
Delta R.T. -0.018 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:252 Resp: 22701
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 14.0 9.8 14.8

