

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055298.D
 Acq On : 26 Oct 2022 13:54
 Operator : CG/JU
 Sample : N5231-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20221020

Quant Time: Oct 27 10:35:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	35165	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	147843	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	95597	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	220595	20.000	ng	0.00
76) Chrysene-d12	21.895	240	219877	20.000	ng	0.00
86) Perylene-d12	25.291	264	234405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	153108	76.237	ng	0.00
7) Phenol-d6	7.418	99	124296	42.720	ng	0.00
23) Nitrobenzene-d5	9.445	82	282863	97.698	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	195822	188.431	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	603046	103.250	ng	0.00
79) Terphenyl-d14	20.192	244	1028920	97.226	ng	0.00

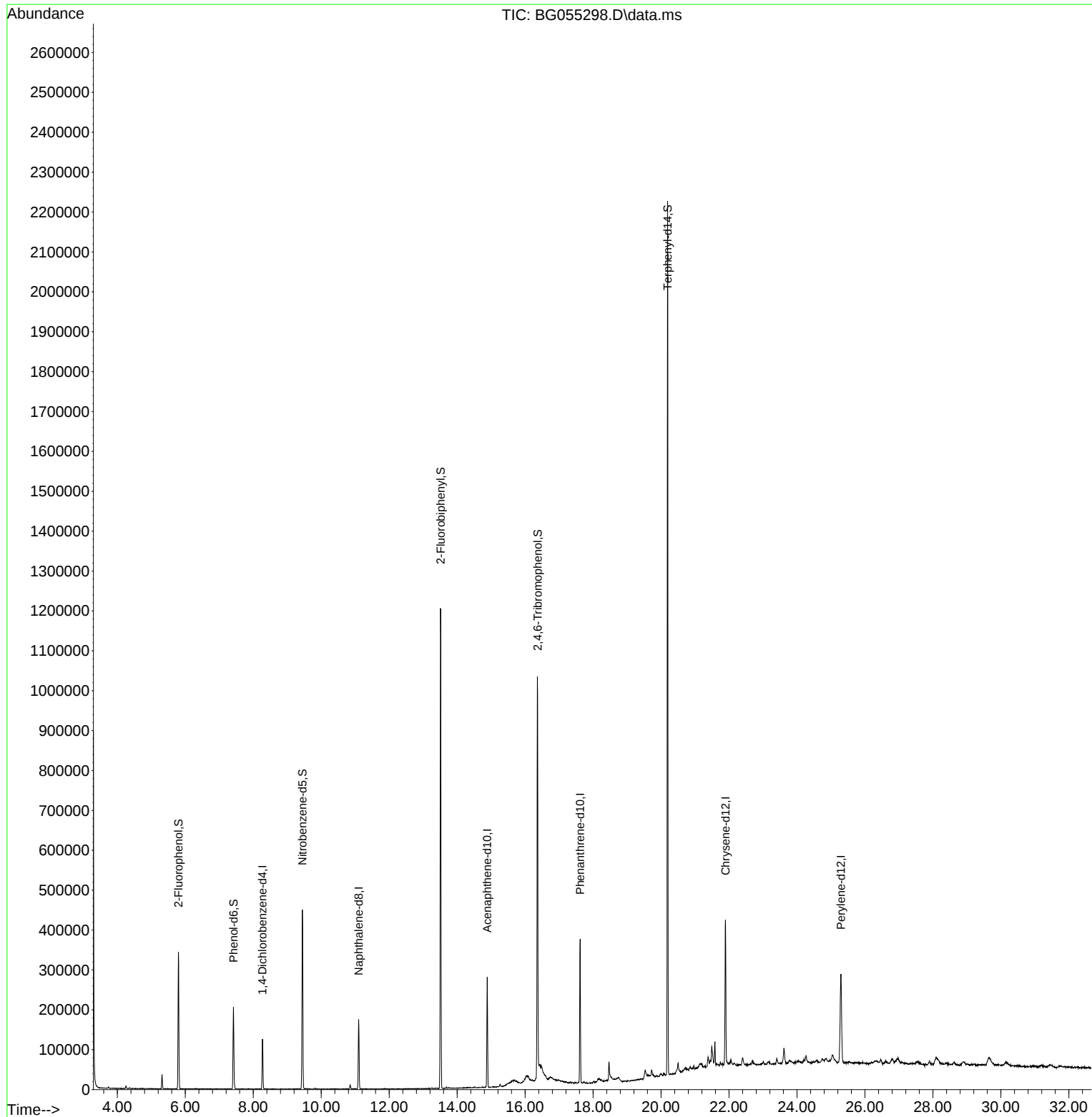
Target Compounds	Qvalue

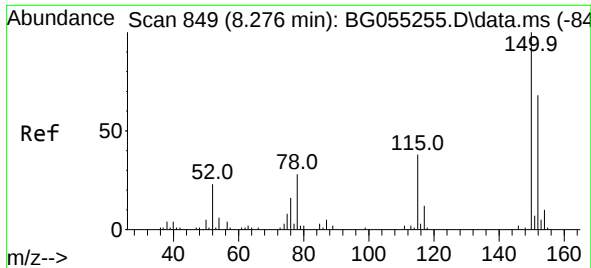
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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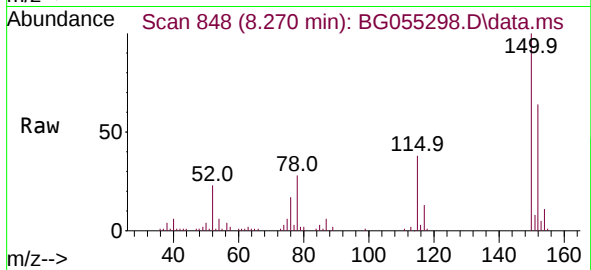
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



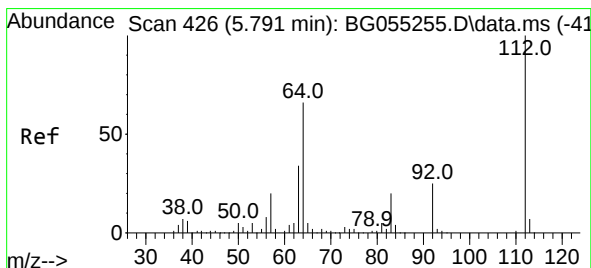
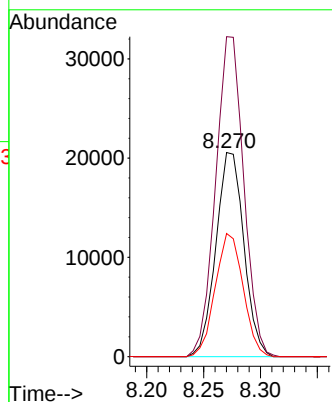
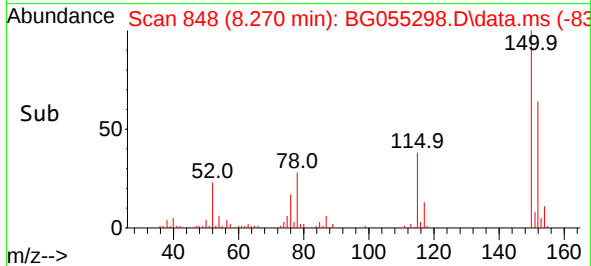


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

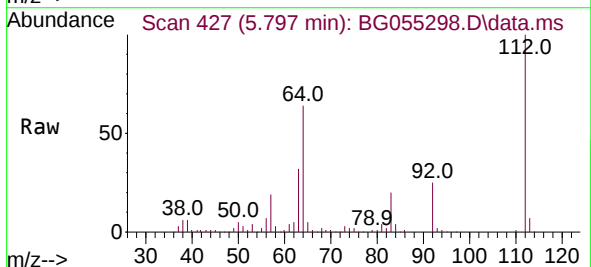
Instrument :
BNA_G
ClientSampleId :
SP-303-20221020



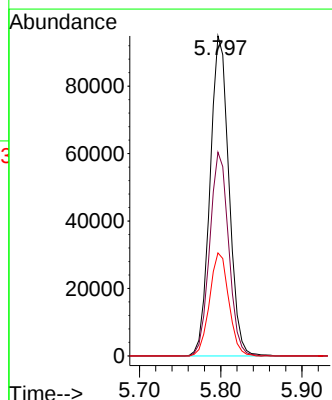
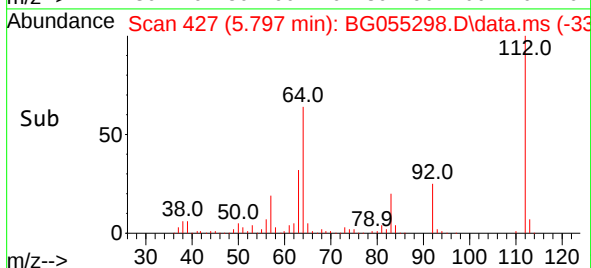
Tgt Ion:152 Resp: 35165
Ion Ratio Lower Upper
152 100
150 156.8 118.2 177.4
115 60.3 44.5 66.7

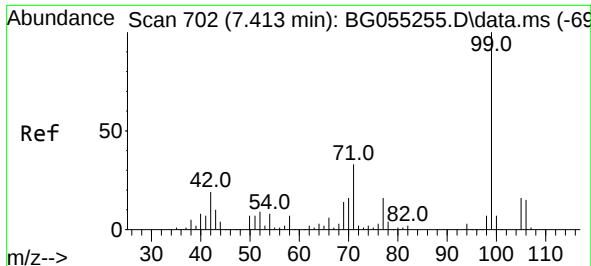


#5
2-Fluorophenol
Concen: 76.237 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54



Tgt Ion:112 Resp: 153108
Ion Ratio Lower Upper
112 100
64 63.6 52.6 78.8
63 32.2 27.1 40.7

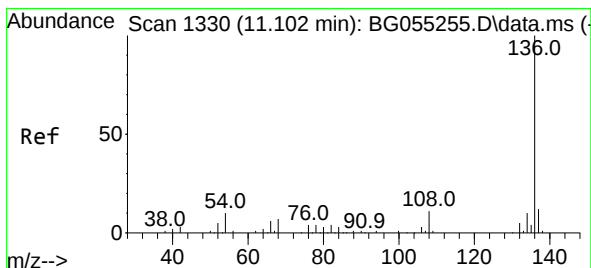
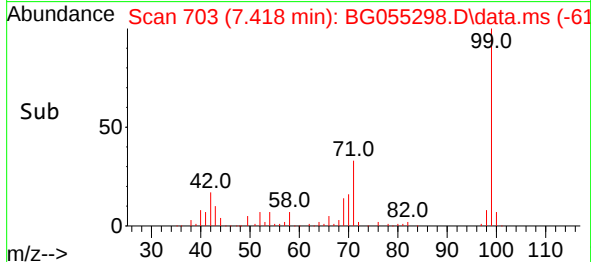
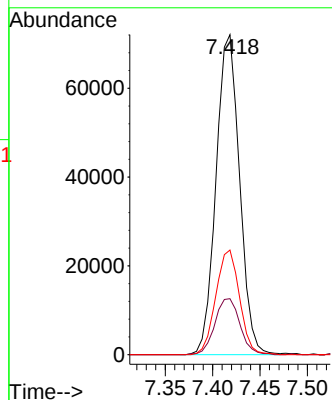
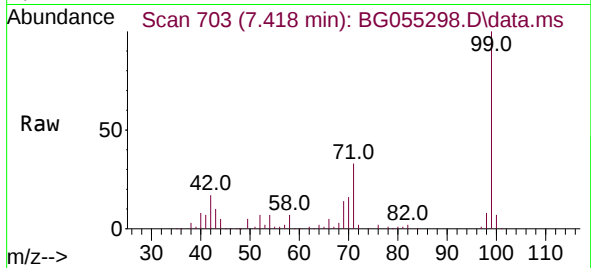




#7
Phenol-d6
Concen: 42.720 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

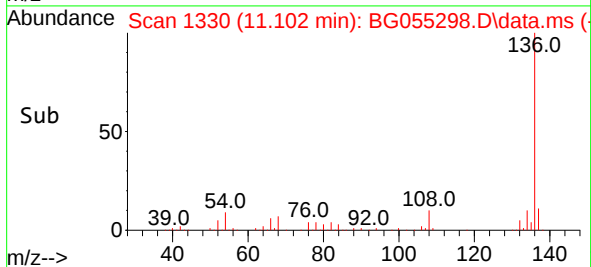
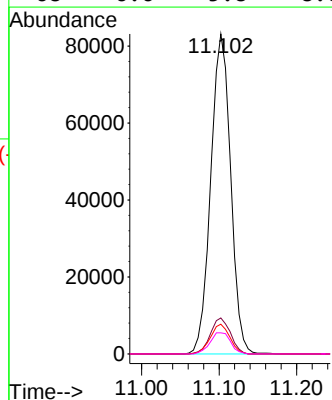
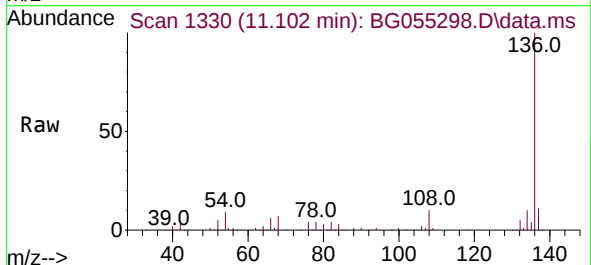
Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

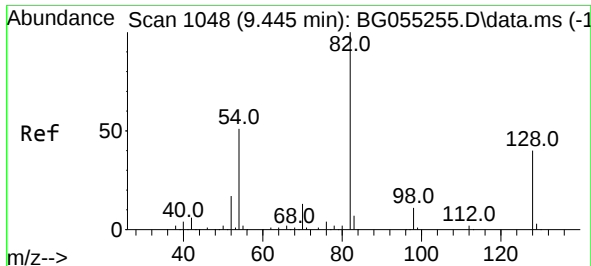
Tgt Ion: 99 Resp: 124296
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 32.7 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion: 136 Resp: 147843
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.3 7.8 11.8
68 6.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 97.698 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055298.D

Acq: 26 Oct 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SP-303-20221020

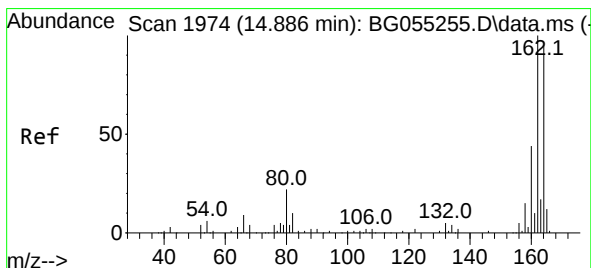
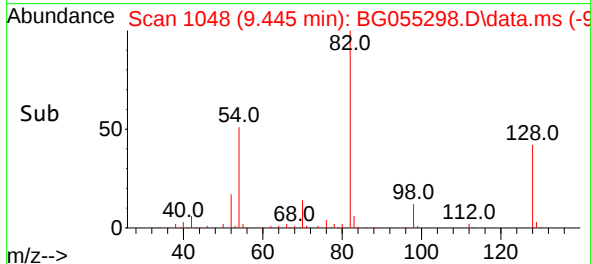
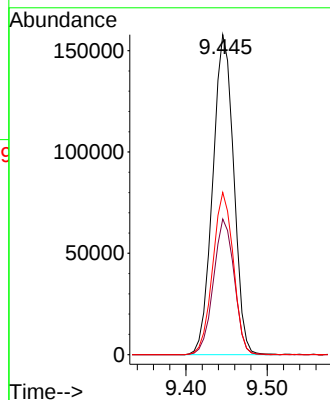
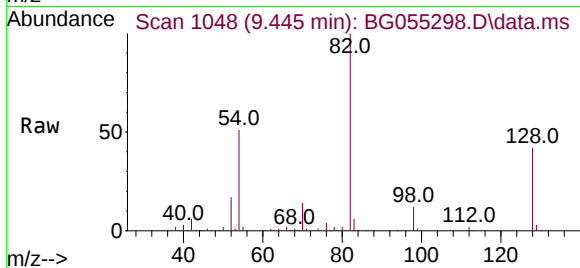
Tgt Ion: 82 Resp: 282863

Ion Ratio Lower Upper

82 100

128 42.4 32.0 48.0

54 50.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BG055298.D

Acq: 26 Oct 2022 13:54

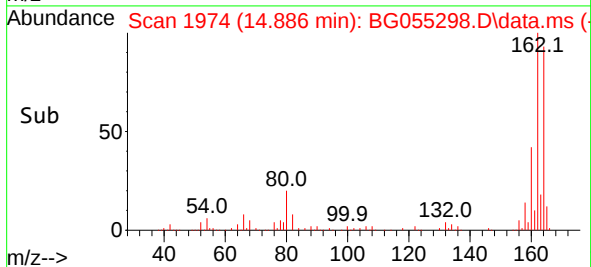
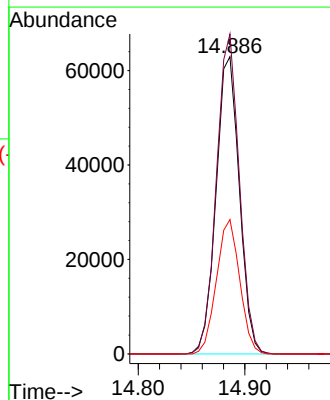
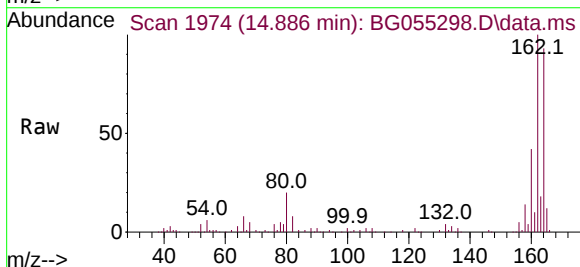
Tgt Ion: 164 Resp: 95597

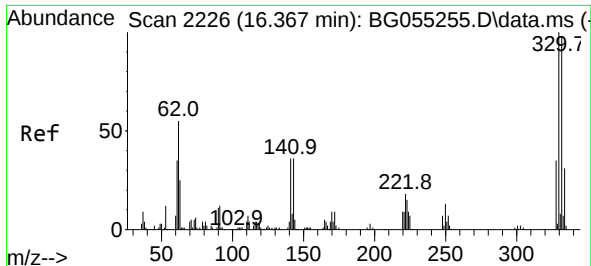
Ion Ratio Lower Upper

164 100

162 107.7 84.0 126.0

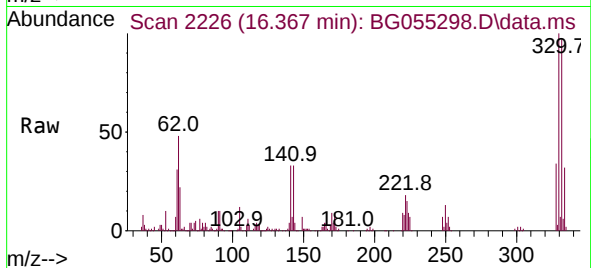
160 45.2 36.7 55.1



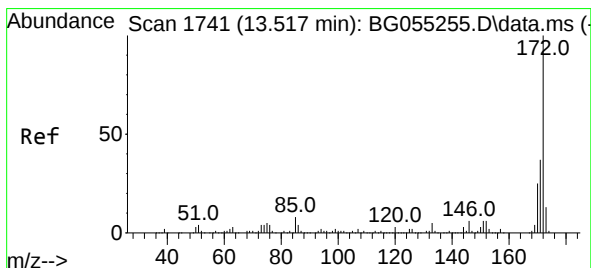
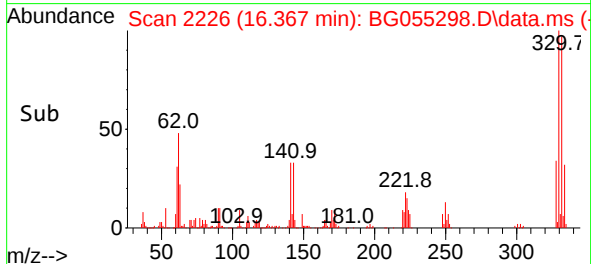
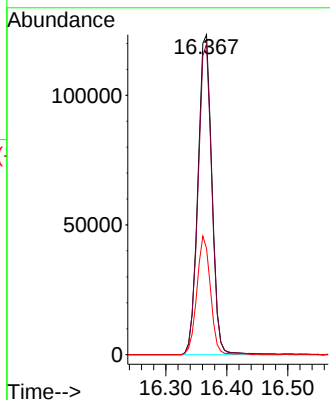


#42
2,4,6-Tribromophenol
Concen: 188.431 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
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SP-303-20221020

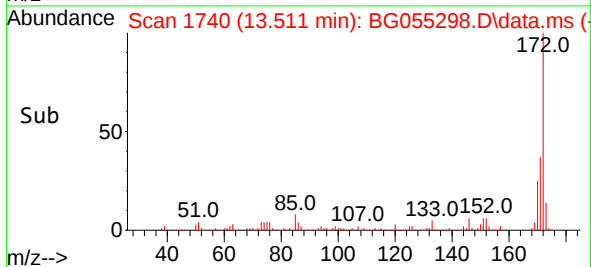
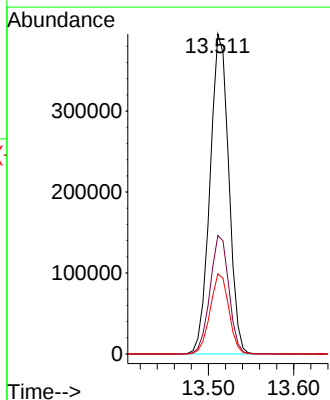
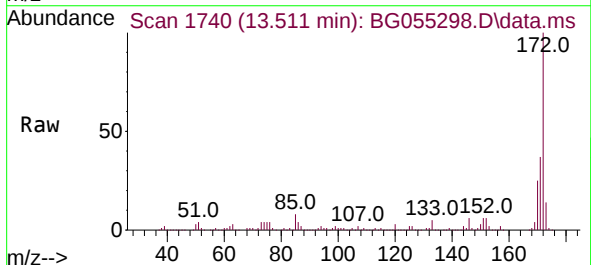


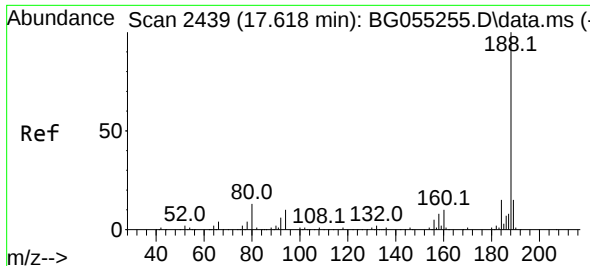
Tgt Ion:330 Resp: 195822
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 35.9 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 103.250 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:172 Resp: 603046
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 20.2 30.2

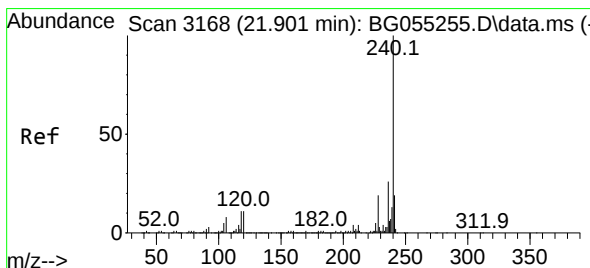
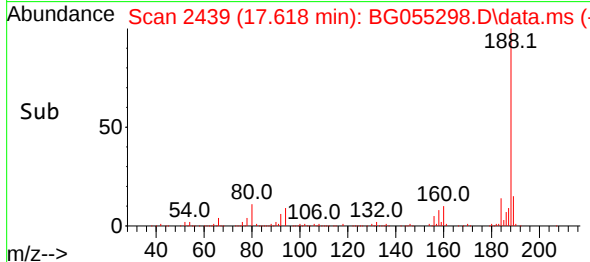
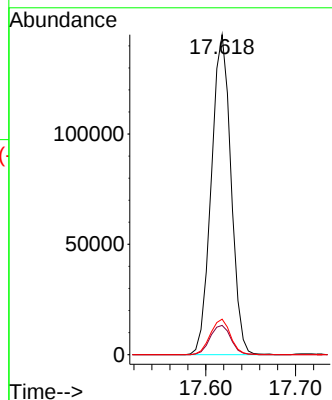
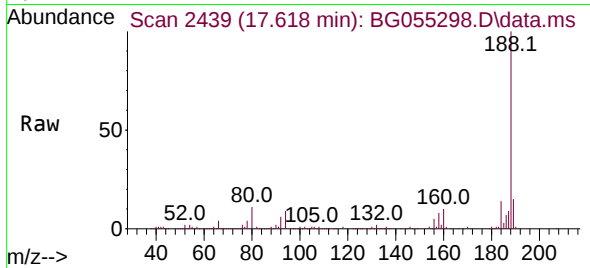




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

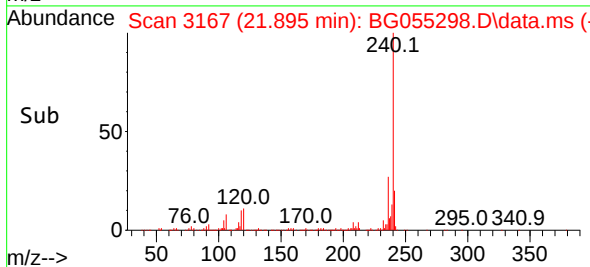
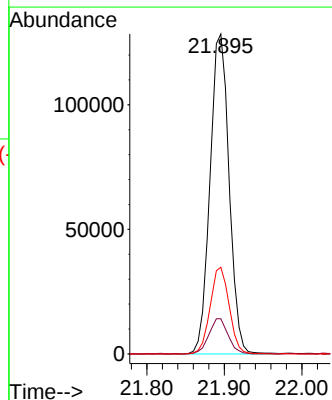
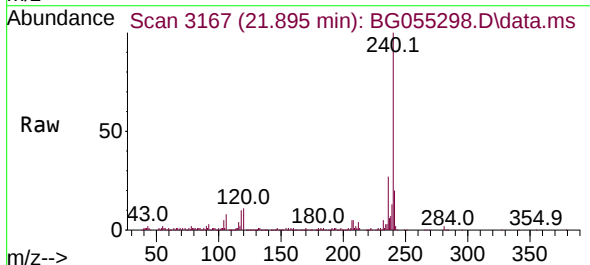
Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

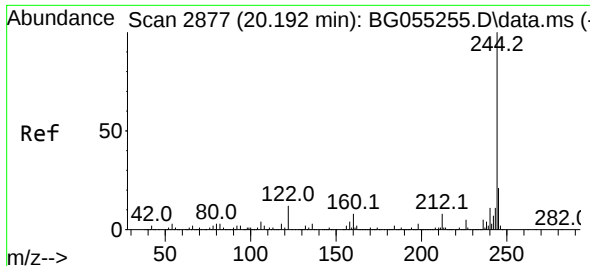
Tgt Ion:188 Resp: 220595
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 11.1 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:240 Resp: 219877
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 27.1 21.0 31.4

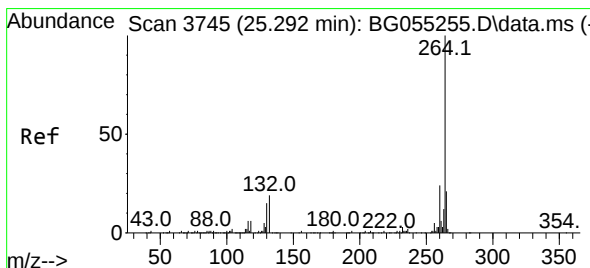
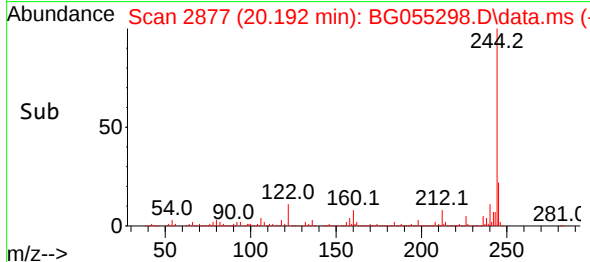
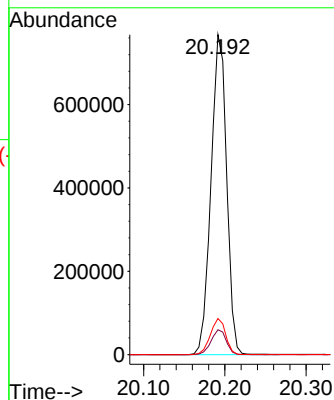
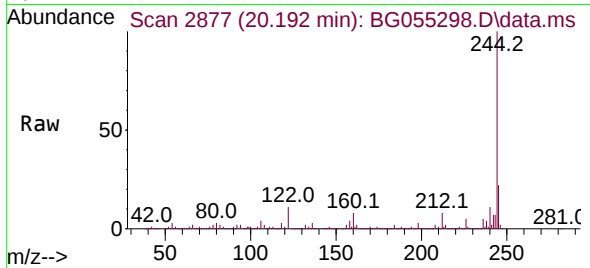




#79
 Terphenyl-d14
 Concen: 97.226 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055298.D
 Acq: 26 Oct 2022 13:54

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20221020

Tgt Ion:244 Resp: 1028920
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3745
 Delta R.T. -0.000 min
 Lab File: BG055298.D
 Acq: 26 Oct 2022 13:54

Tgt Ion:264 Resp: 234405
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 17.4 26.2

