

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054498.D
 Acq On : 3 Aug 2022 13:56
 Operator : CG/JU
 Sample : N3927-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-87

Quant Time: Aug 04 00:43:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	16440	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	69092	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	57370	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	145519	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	157220	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	164989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	89399	113.537	ng	0.00
7) Phenol-d6	7.180	99	129933	120.427	ng	0.00
23) Nitrobenzene-d5	9.148	82	85432	67.336	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	132448	109.956	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	284045	69.845	ng	0.00
79) Terphenyl-d14	19.976	244	611871	77.206	ng	0.00

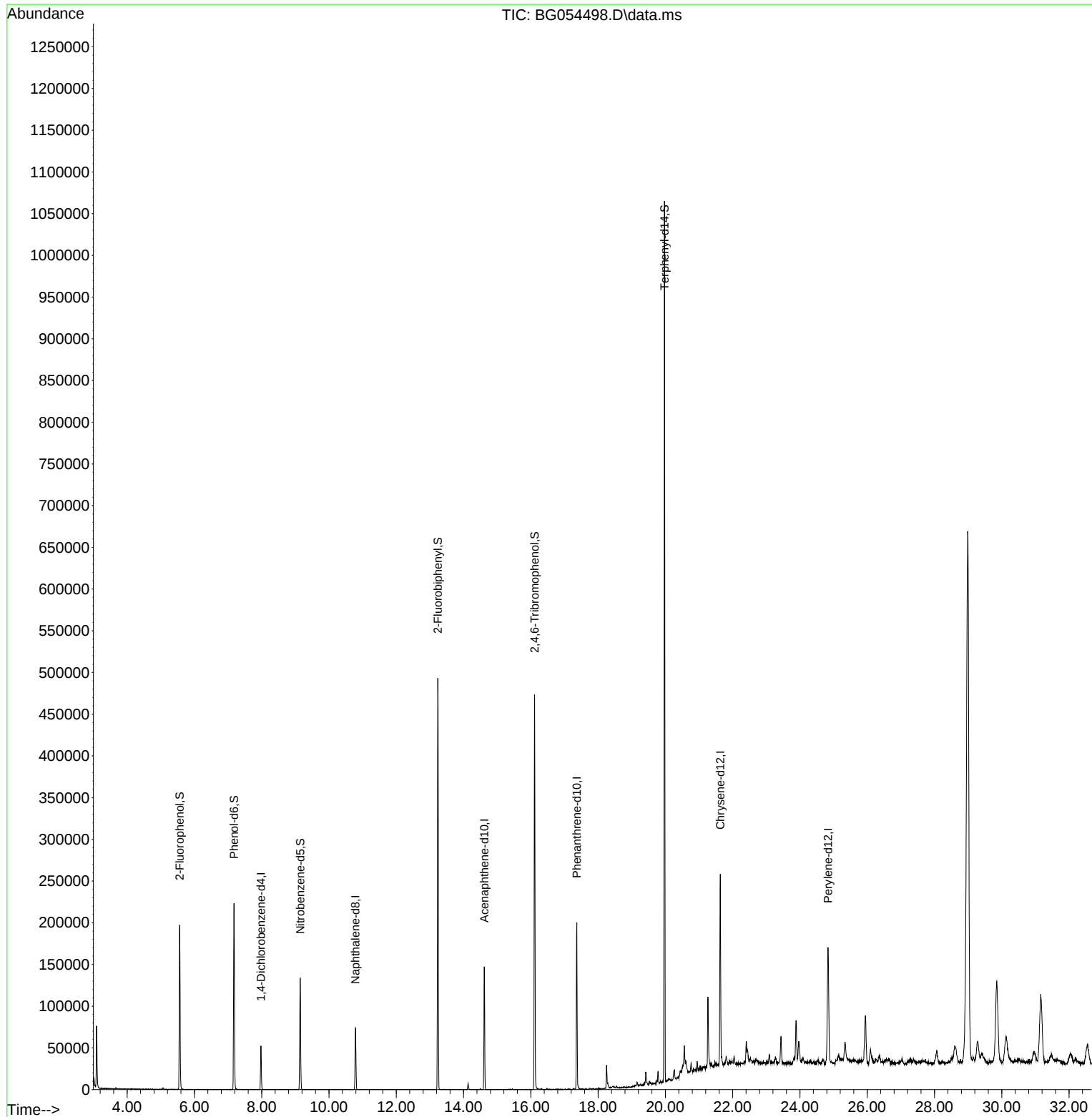
Target Compounds	Qvalue

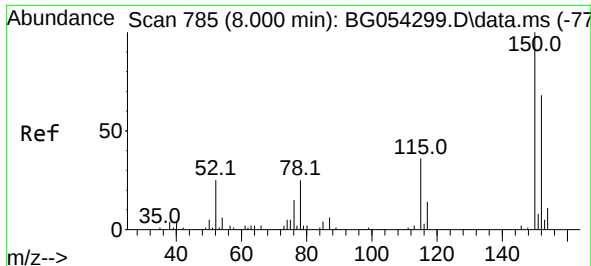
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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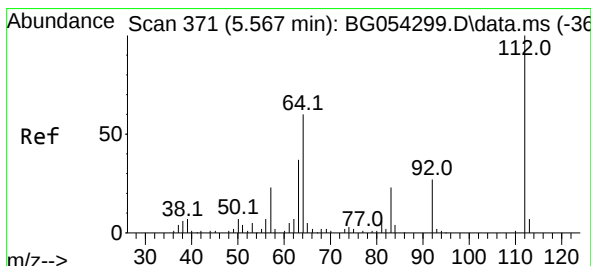
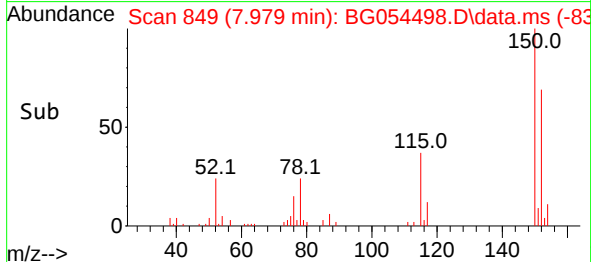
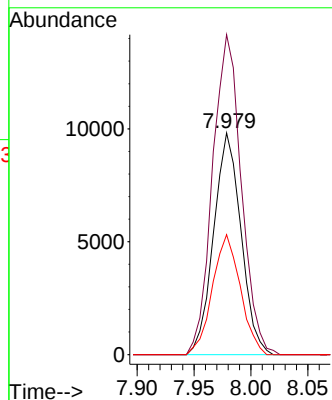
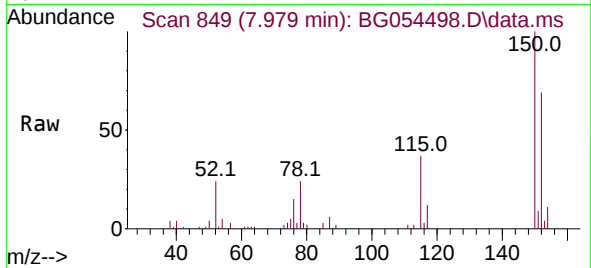




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

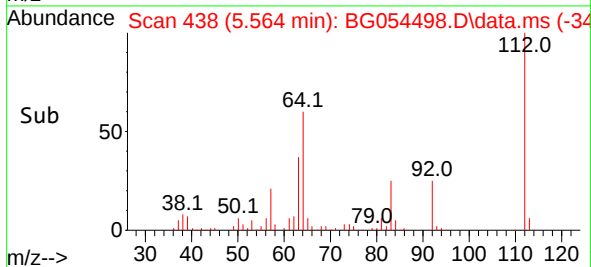
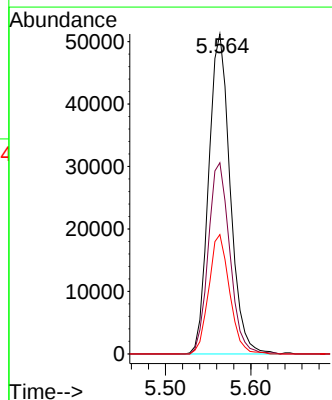
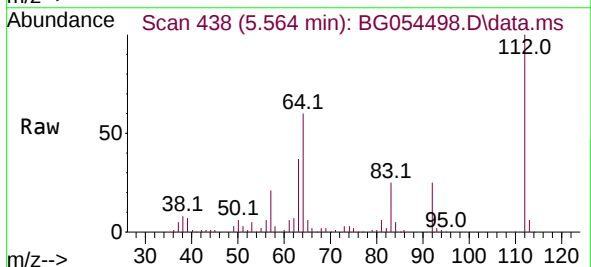
Instrument :
BNA_G
ClientSampleId :
RVE-87

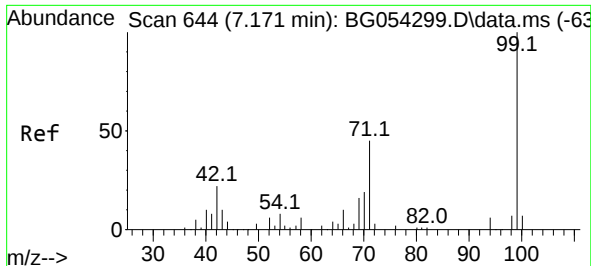
Tgt Ion:152 Resp: 16440
Ion Ratio Lower Upper
152 100
150 144.3 131.6 197.4
115 54.1 50.9 76.3



#5
2-Fluorophenol
Concen: 113.537 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:112 Resp: 89399
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 37.3 30.4 45.6

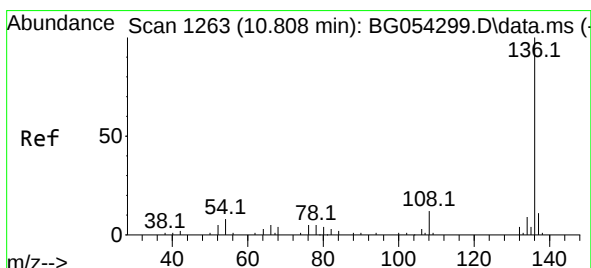
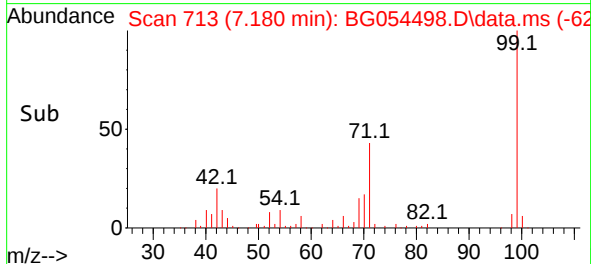
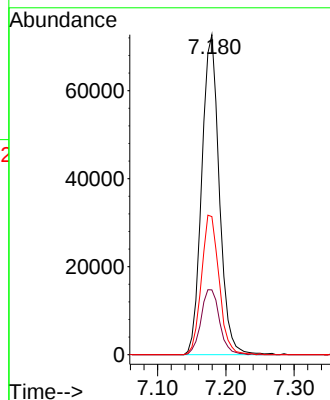
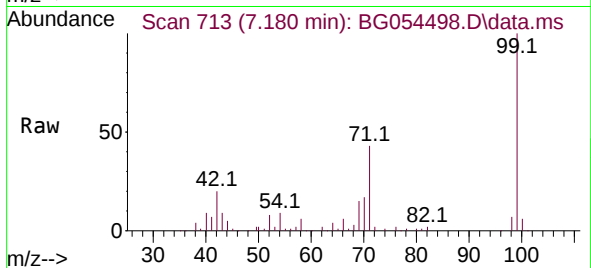




#7
Phenol-d6
Concen: 120.427 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

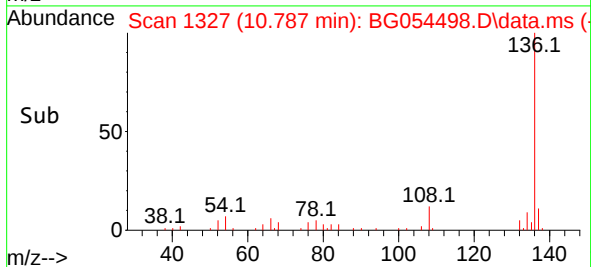
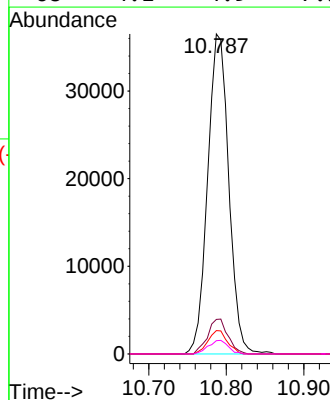
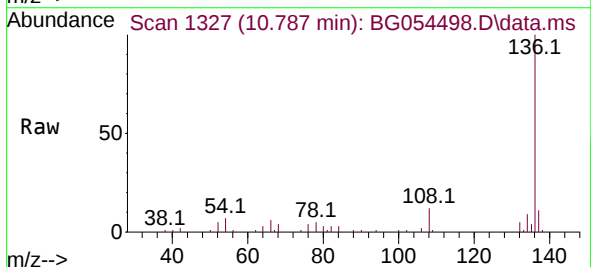
Instrument :
BNA_G
ClientSampleId :
RVE-87

Tgt Ion: 99 Resp: 129933
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. -0.010 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:136 Resp: 69092
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.3 7.4 11.2#
68 4.1 4.9 7.3#

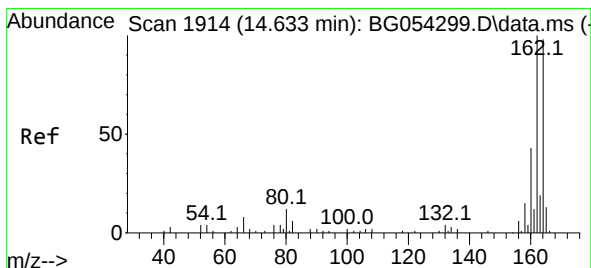
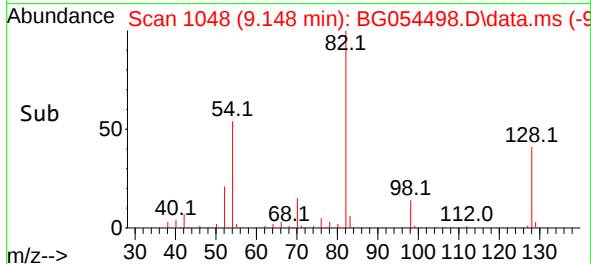
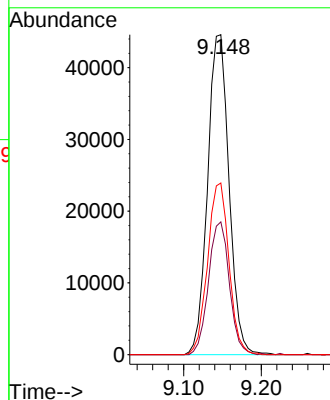
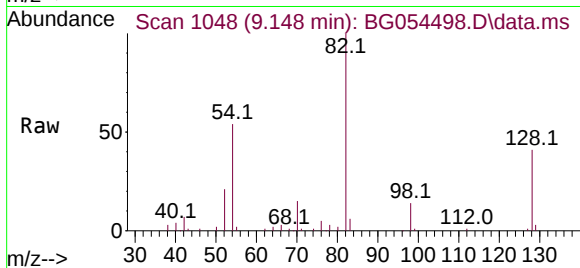




#23
Nitrobenzene-d5
Concen: 67.336 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

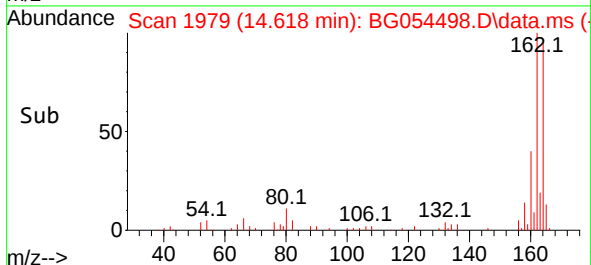
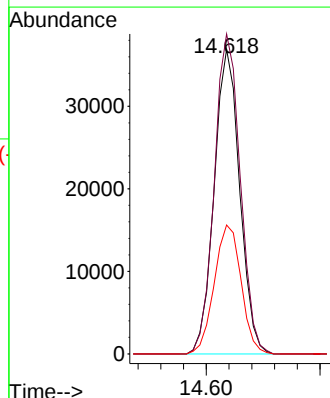
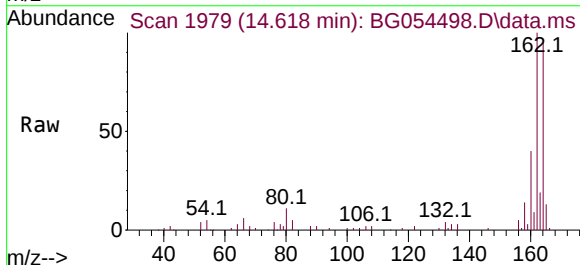
Instrument :
BNA_G
ClientSampleId :
RVE-87

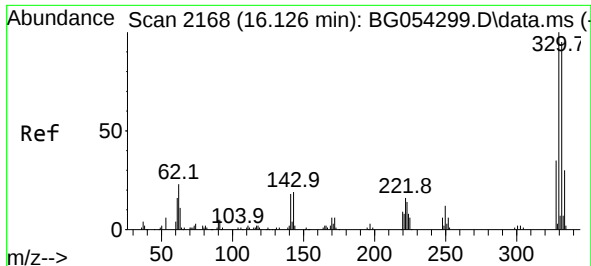
Tgt Ion: 82 Resp: 85432
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 53.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:164 Resp: 57370
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 42.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 109.956 ng

RT: 16.116 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054498.D

Acq: 3 Aug 2022 13:56

Instrument :

BNA_G

ClientSampleId :

RVE-87

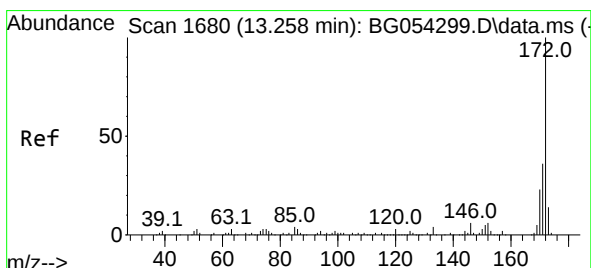
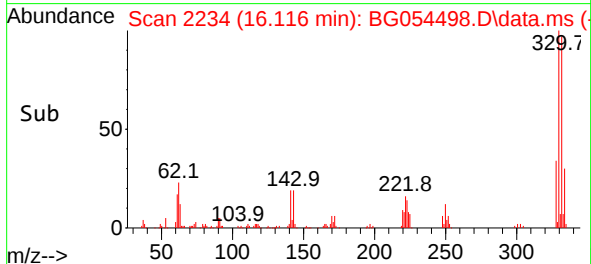
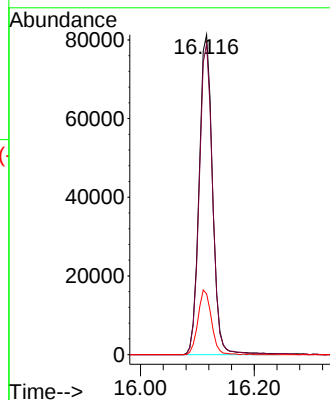
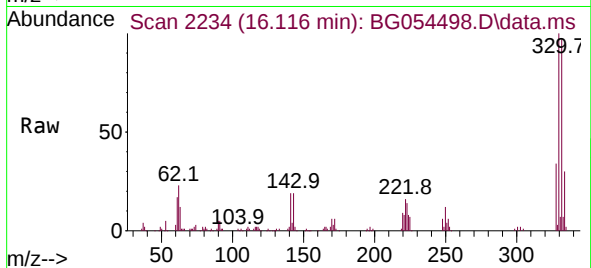
Tgt Ion:330 Resp: 132448

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 20.2 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 69.845 ng

RT: 13.237 min Scan# 1744

Delta R.T. -0.010 min

Lab File: BG054498.D

Acq: 3 Aug 2022 13:56

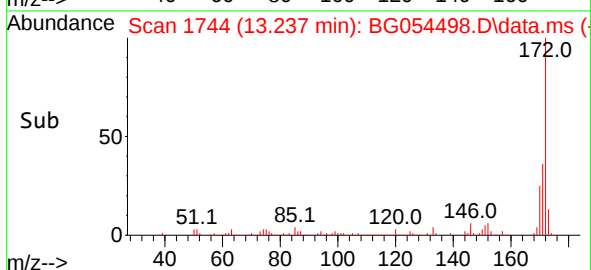
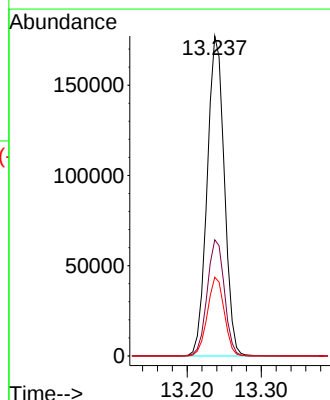
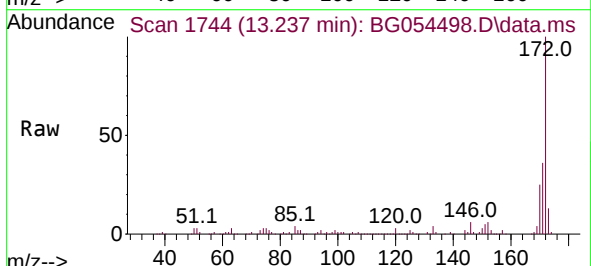
Tgt Ion:172 Resp: 284045

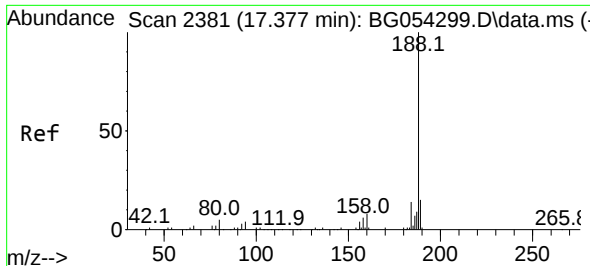
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.6 18.9 28.3

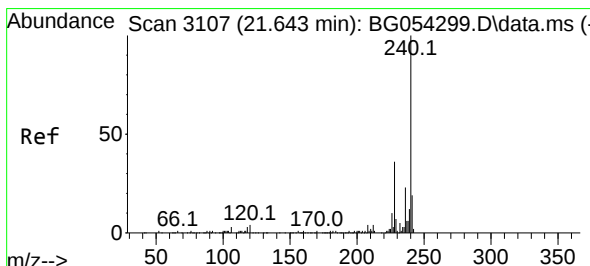
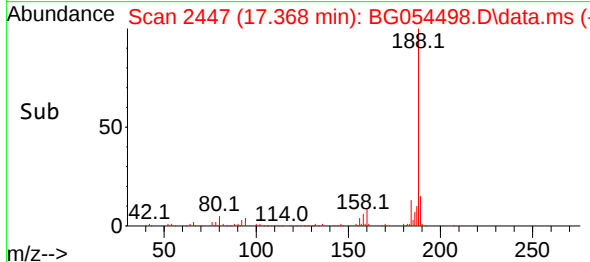
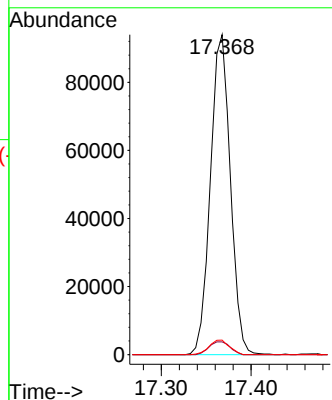
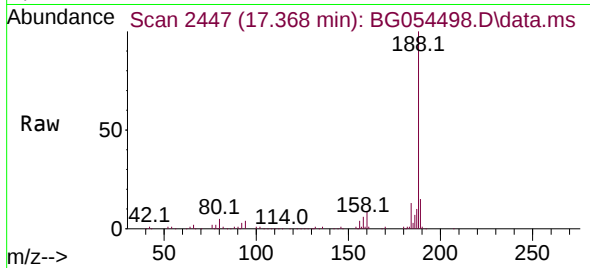




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

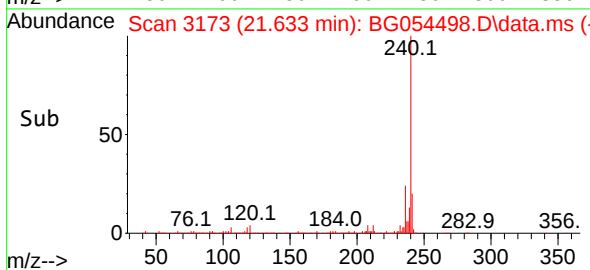
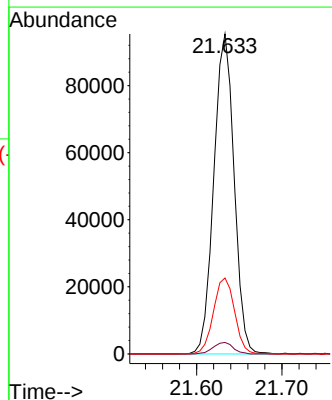
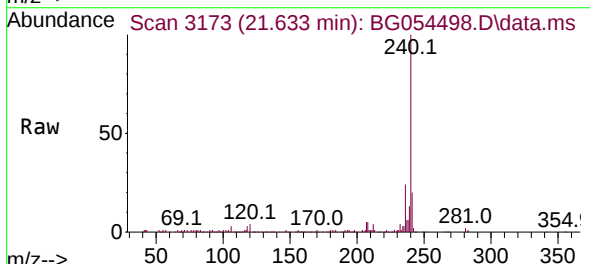
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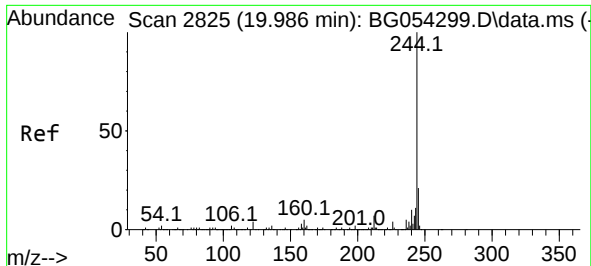
Tgt Ion:188 Resp: 145519
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:240 Resp: 157220
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.7 20.2 30.4

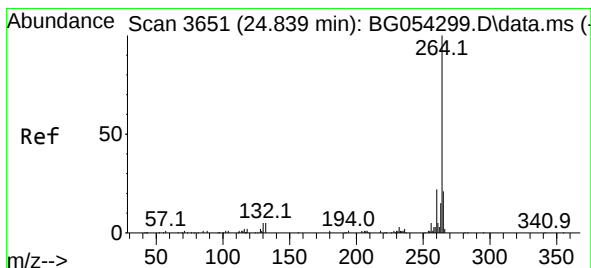
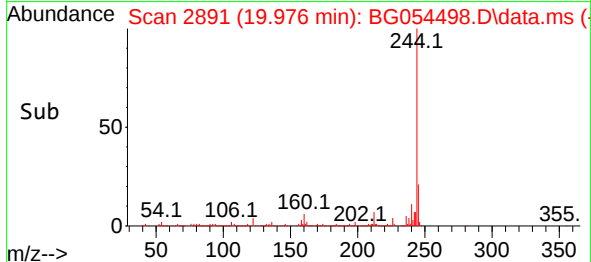
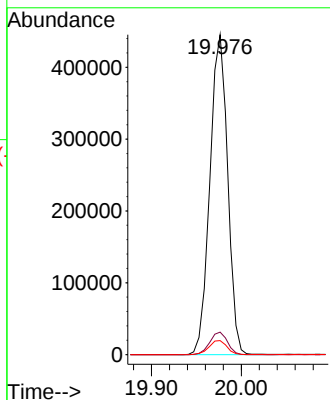
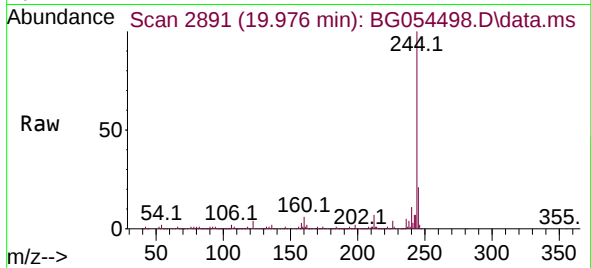




#79
 Terphenyl-d14
 Concen: 77.206 ng
 RT: 19.976 min Scan# 2825
 Delta R.T. -0.004 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

Instrument :
 BNA_G
 ClientSampleId :
 RVE-87

Tgt Ion:244 Resp: 611871
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

Tgt Ion:264 Resp: 164989
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 17.4 26.2

