

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055469.D
 Acq On : 5 Nov 2022 13:57
 Operator : CG/JU
 Sample : N5310-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-1

Quant Time: Nov 07 00:53:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	26539	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	102616	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	69206	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	162390	20.000	ng	0.00
76) Chrysene-d12	21.854	240	181775	20.000	ng	0.00
86) Perylene-d12	25.215	264	196128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	204469	138.361	ng	0.01
7) Phenol-d6	7.383	99	259989	126.865	ng	0.00
23) Nitrobenzene-d5	9.404	82	155046	80.525	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	147115	155.844	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	391946	83.970	ng	0.00
79) Terphenyl-d14	20.156	244	743541	79.540	ng	0.00

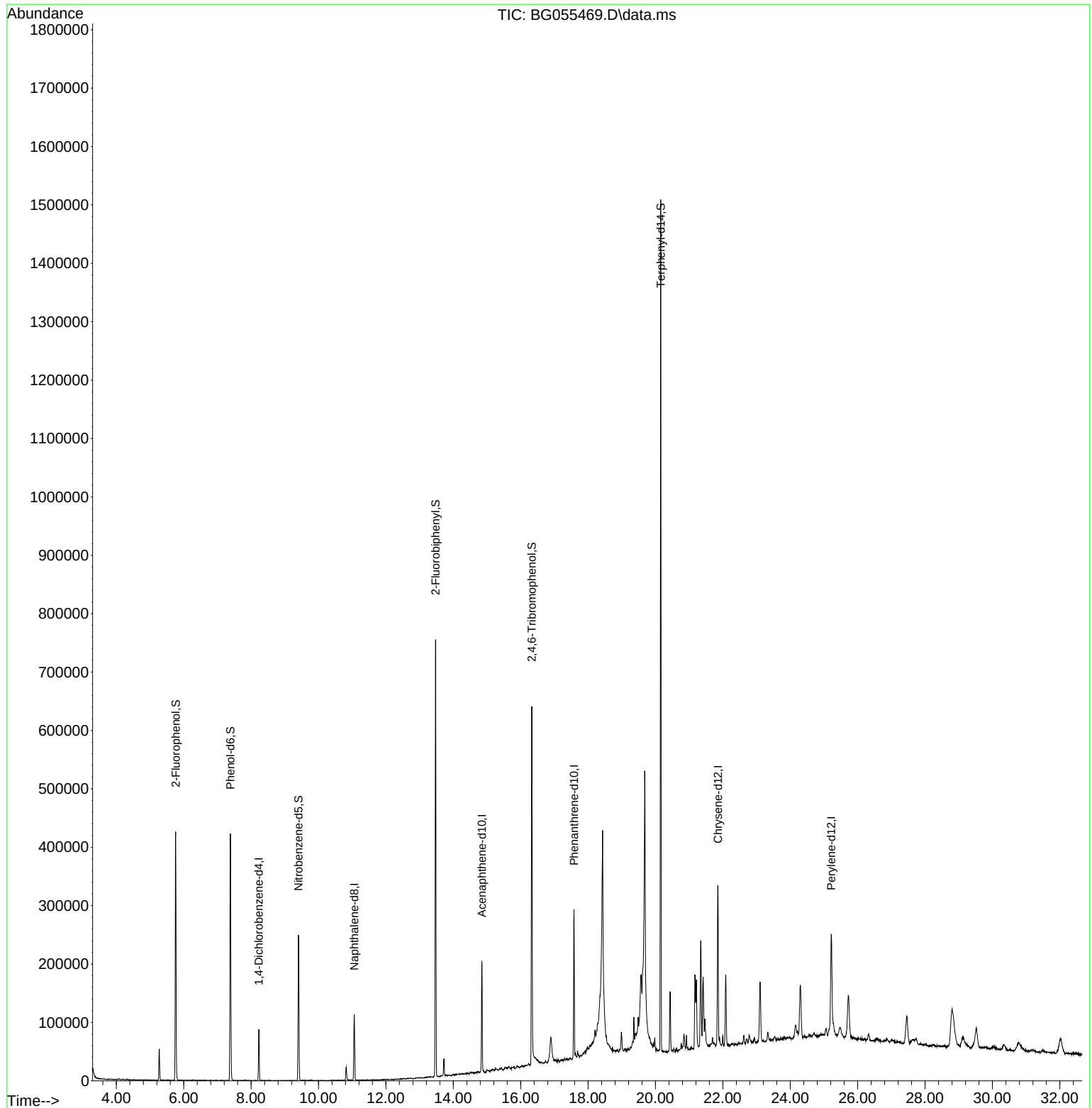
Target Compounds	Qvalue

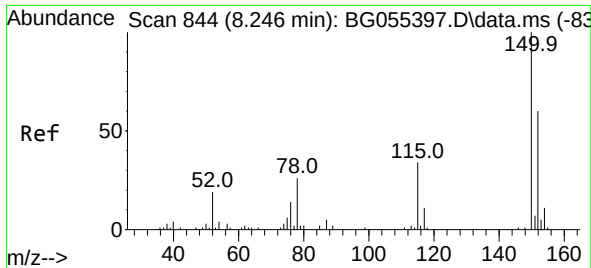
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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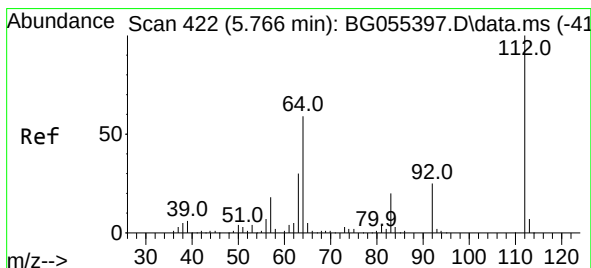
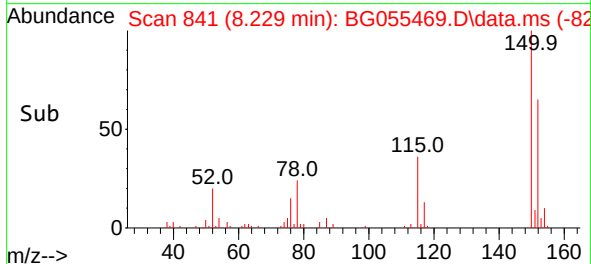
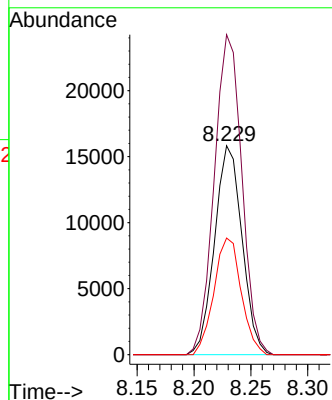
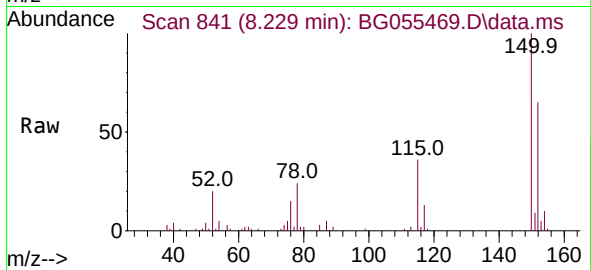




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

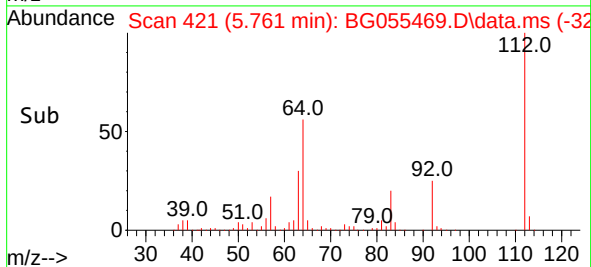
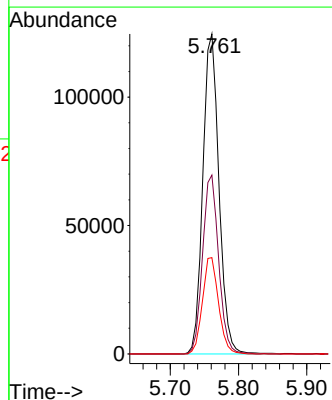
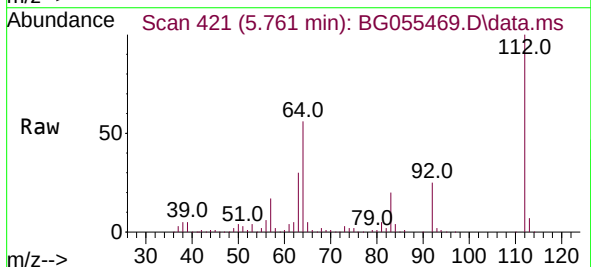
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

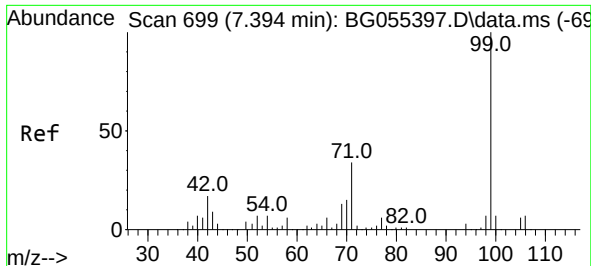
Tgt Ion:152 Resp: 26539
Ion Ratio Lower Upper
152 100
150 153.2 132.8 199.2
115 55.8 45.1 67.7



#5
2-Fluorophenol
Concen: 138.361 ng
RT: 5.761 min Scan# 421
Delta R.T. 0.011 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:112 Resp: 204469
Ion Ratio Lower Upper
112 100
64 55.9 47.2 70.8
63 30.1 24.3 36.5

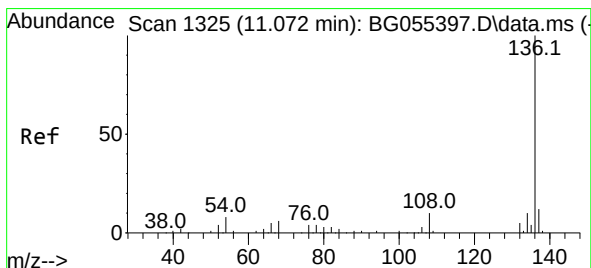
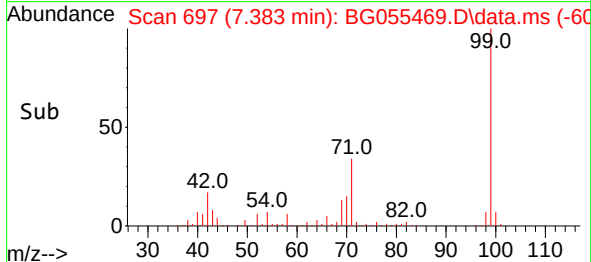
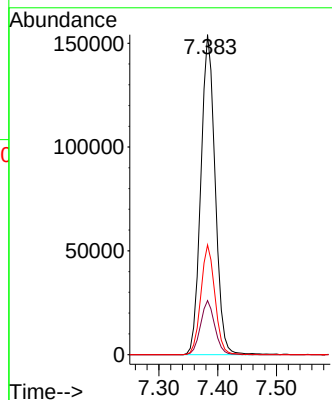
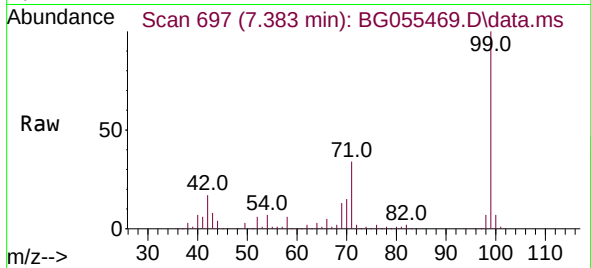




#7
Phenol-d6
Concen: 126.865 ng
RT: 7.383 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

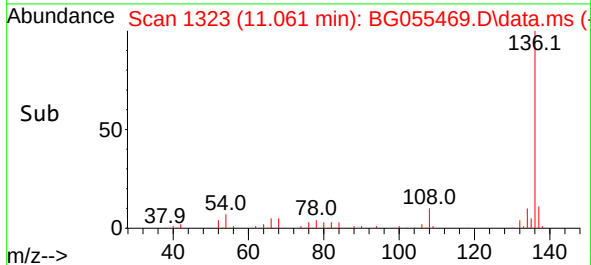
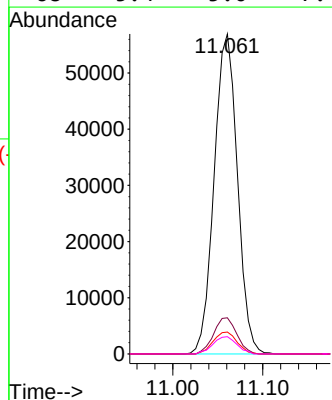
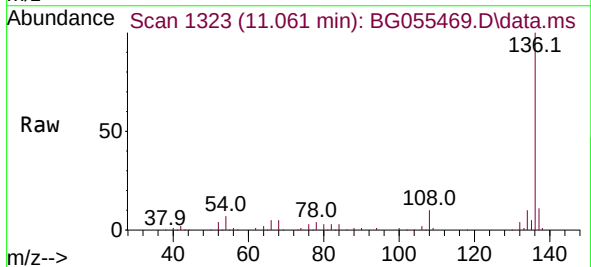
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

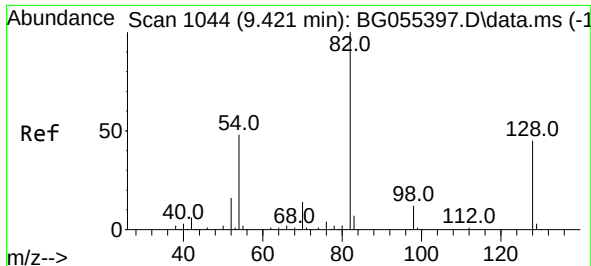
Tgt Ion: 99 Resp: 259989
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion: 136 Resp: 102616
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 6.8 6.1 9.1
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.525 ng

RT: 9.404 min Scan# 1041

Delta R.T. -0.001 min

Lab File: BG055469.D

Acq: 5 Nov 2022 13:57

Instrument :

BNA_G

ClientSampleId :

BIN 1-2-(2840)-COMP-1

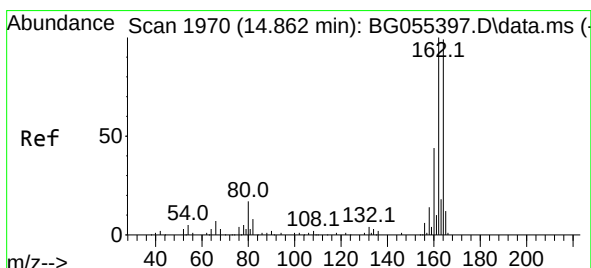
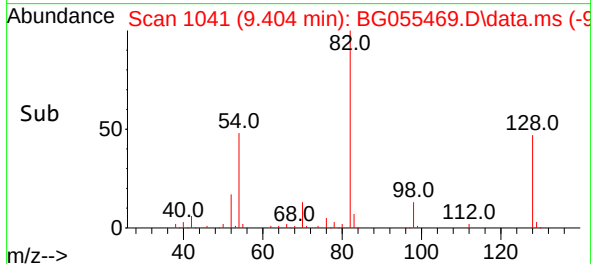
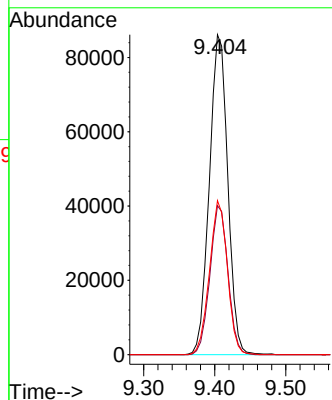
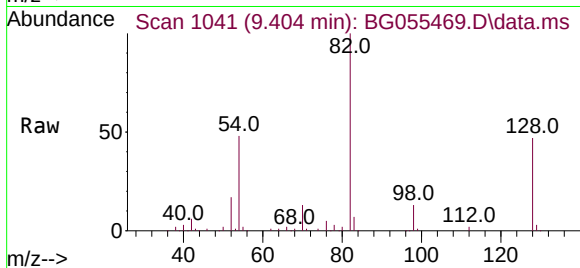
Tgt Ion: 82 Resp: 155046

Ion Ratio Lower Upper

82 100

128 46.5 35.8 53.8

54 48.1 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 1967

Delta R.T. -0.001 min

Lab File: BG055469.D

Acq: 5 Nov 2022 13:57

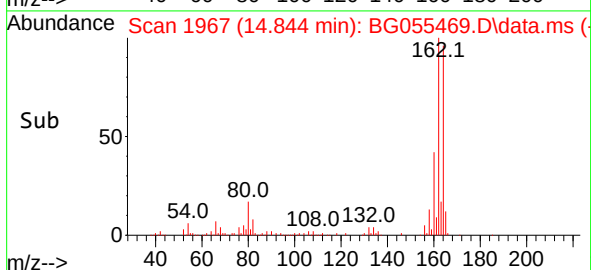
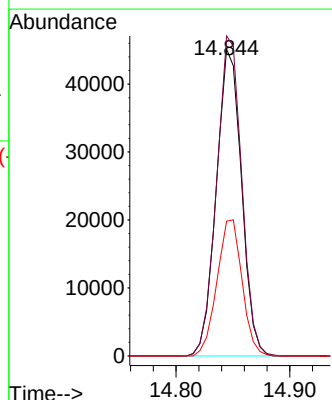
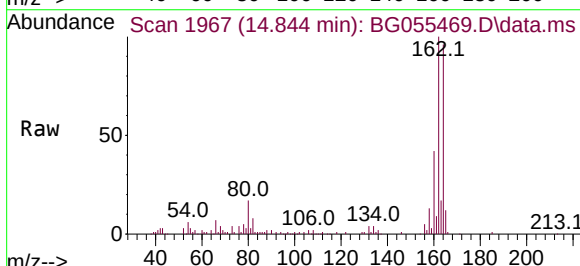
Tgt Ion: 164 Resp: 69206

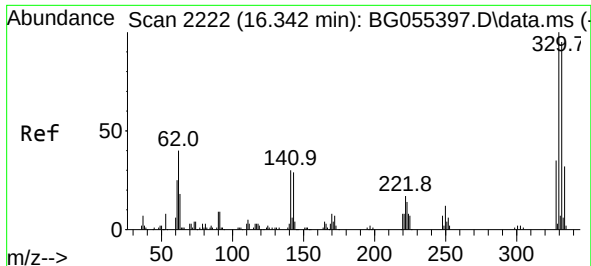
Ion Ratio Lower Upper

164 100

162 104.3 81.1 121.7

160 43.9 35.8 53.6

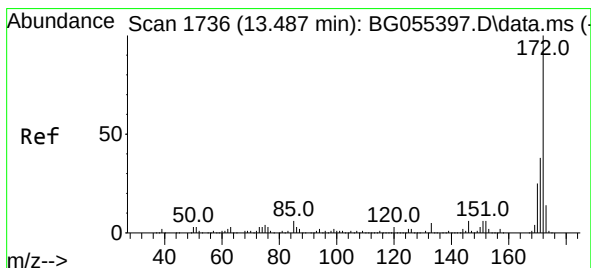
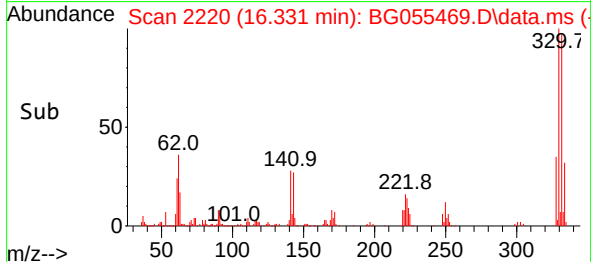
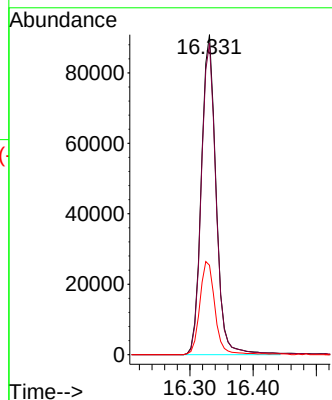
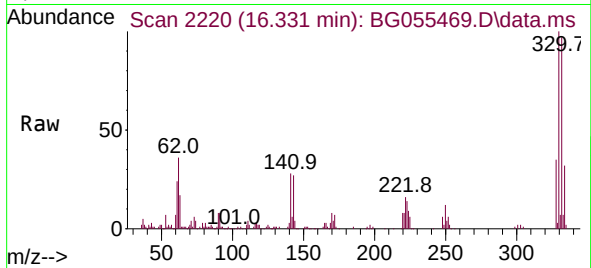




#42
2,4,6-Tribromophenol
Concen: 155.844 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

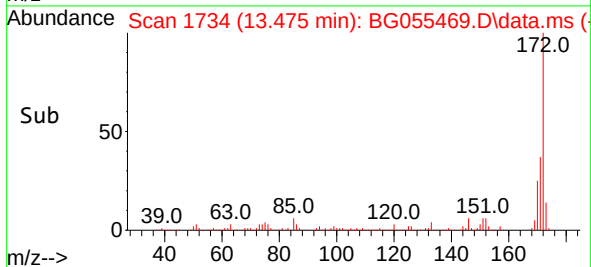
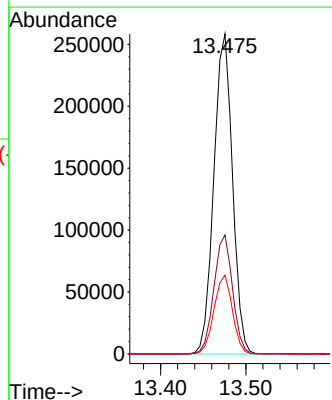
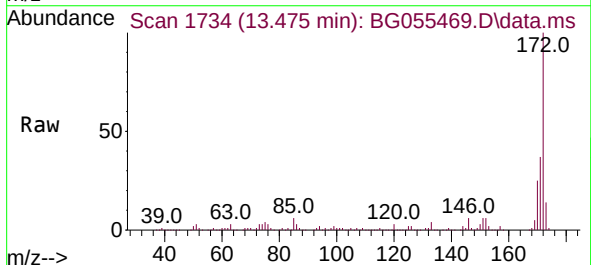
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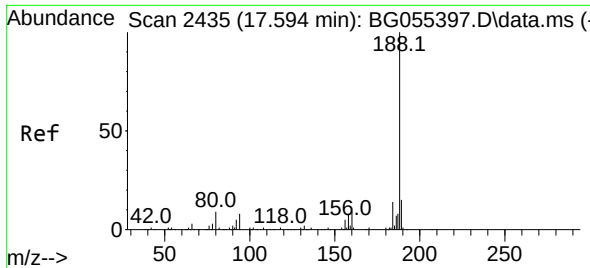
Tgt Ion:330 Resp: 147115
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 29.9 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 83.970 ng
RT: 13.475 min Scan# 1734
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:172 Resp: 391946
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 24.6 20.2 30.2

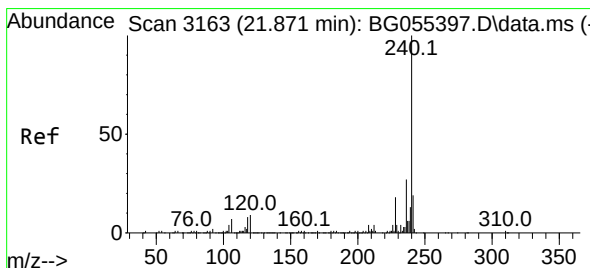
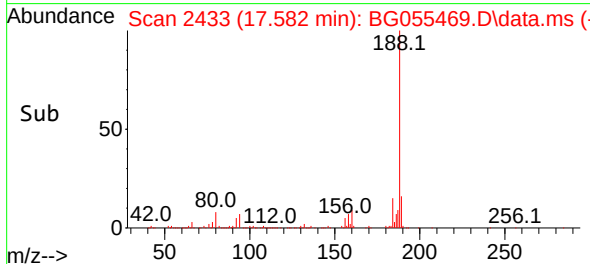
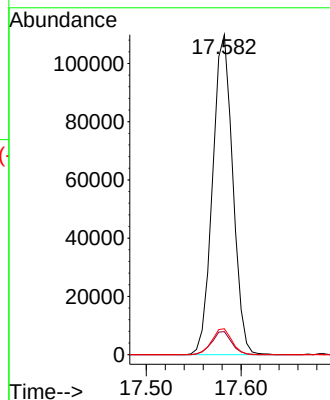
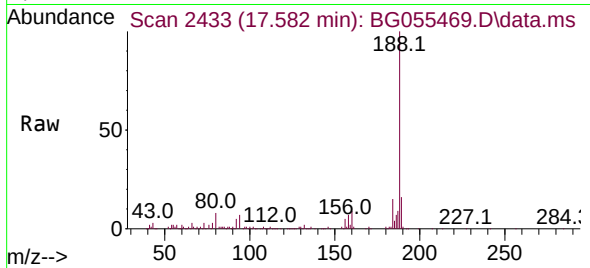




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

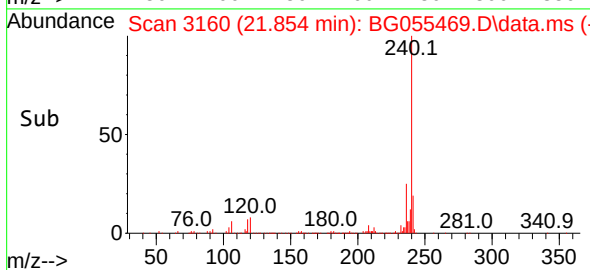
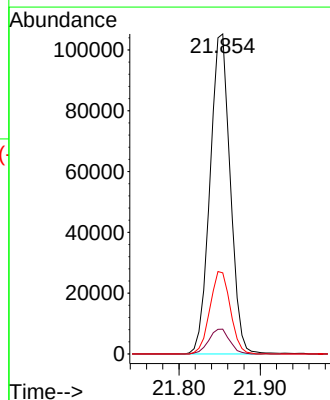
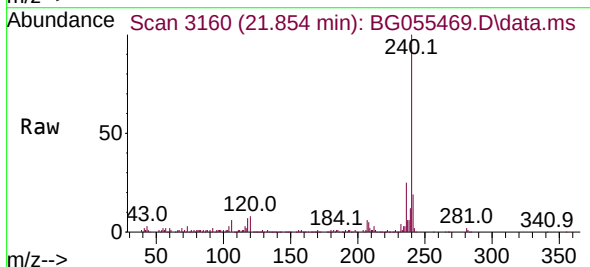
Instrument :
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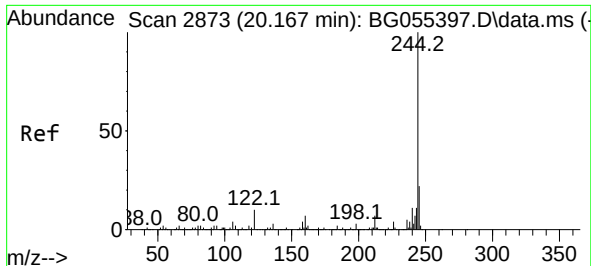
Tgt Ion:188 Resp: 162390
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:240 Resp: 181775
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.3 21.5 32.3

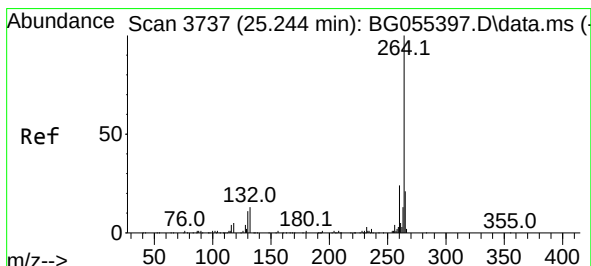
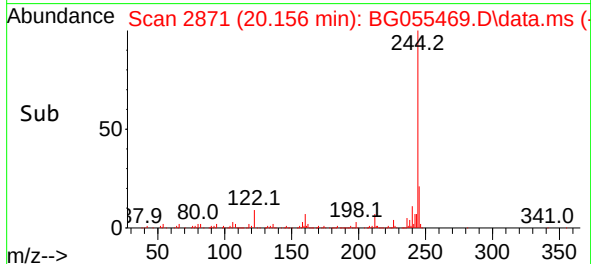
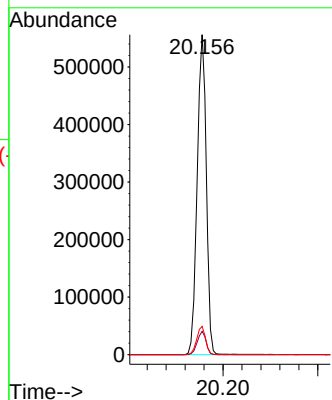
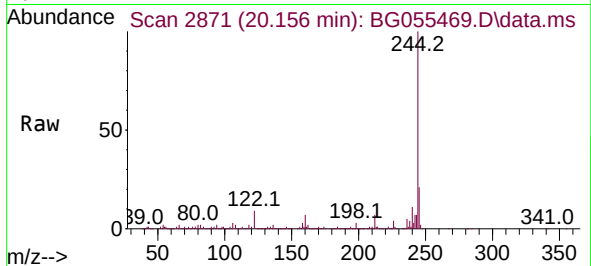




#79
 Terphenyl-d14
 Concen: 79.540 ng
 RT: 20.156 min Scan# 2873
 Delta R.T. -0.001 min
 Lab File: BG055469.D
 Acq: 5 Nov 2022 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-1

Tgt Ion:244 Resp: 743541
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 8.9 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.215 min Scan# 3732
 Delta R.T. -0.007 min
 Lab File: BG055469.D
 Acq: 5 Nov 2022 13:57

Tgt Ion:264 Resp: 196128
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 22.4 17.1 25.7

