

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051083.D
 Acq On : 17 Nov 2021 2:03
 Operator : CG/JU
 Sample : M4619-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-111021

Quant Time: Nov 17 03:03:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

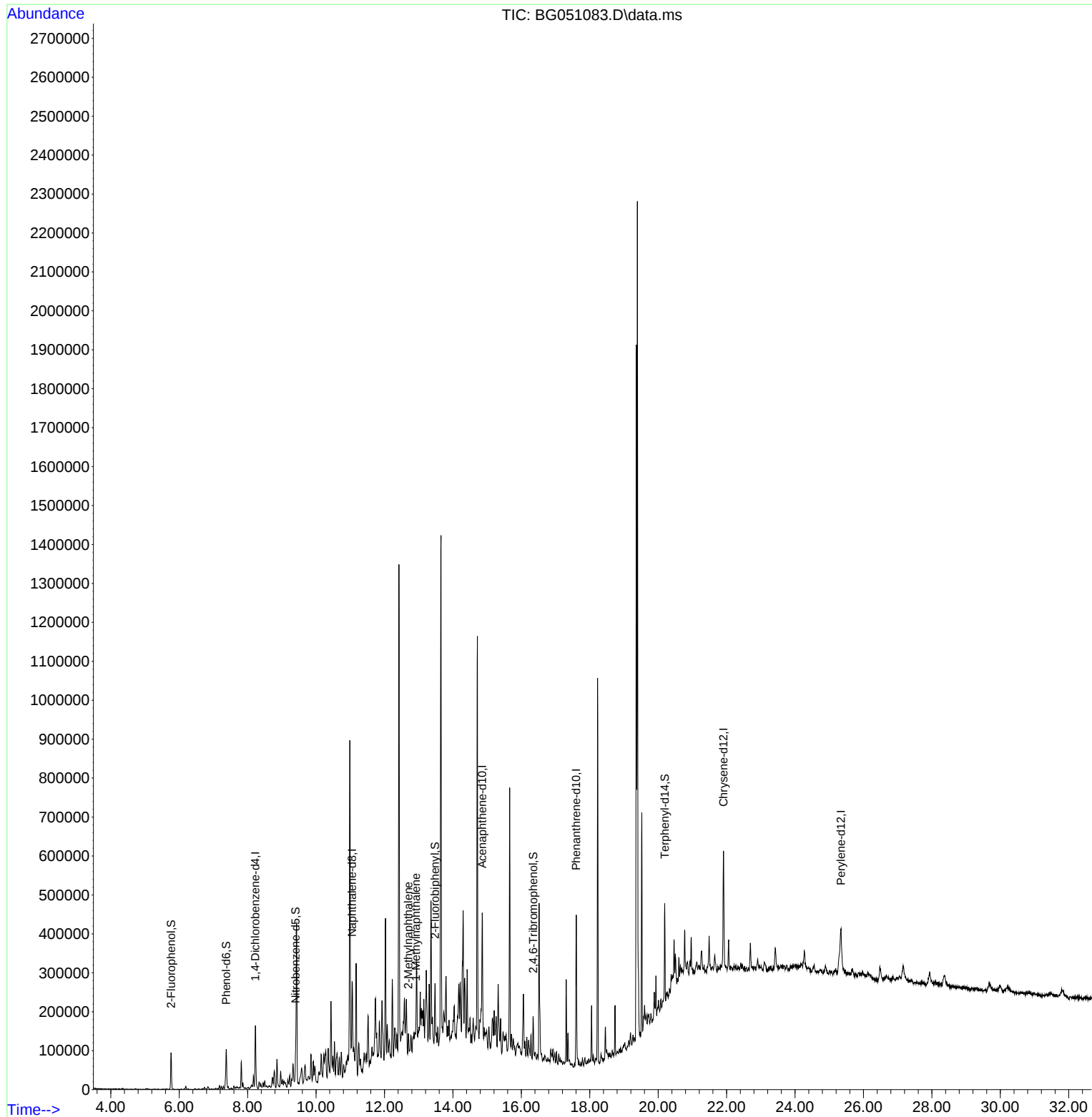
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	46059	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	184173	20.000	ng	# 0.00
39) Acenaphthene-d10	14.856	164	118800	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	237834	20.000	ng	# 0.00
76) Chrysene-d12	21.907	240	205900	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	167328	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	43528	14.137	ng	0.00
7) Phenol-d6	7.376	99	61449	14.140	ng	0.00
23) Nitrobenzene-d5	9.403	82	41952	10.083	ng	0.00
42) 2,4,6-Tribromophenol	16.348	330	17220	14.484	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	82217	10.935	ng	0.00
79) Terphenyl-d14	20.191	244	116791	10.379	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.700	142	16162	2.405	ng	Qvalue 94
38) 1-Methylnaphthalene	12.917	142	13639	2.077	ng	# 80

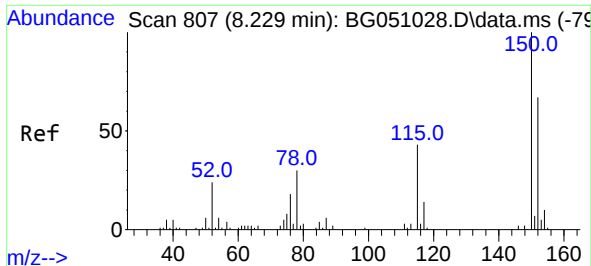
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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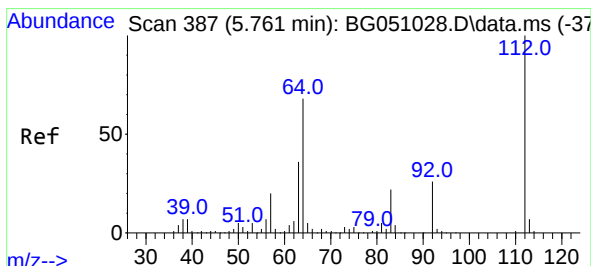
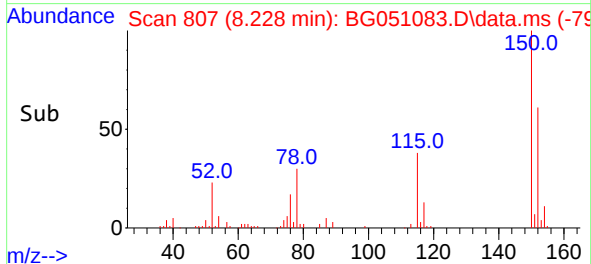
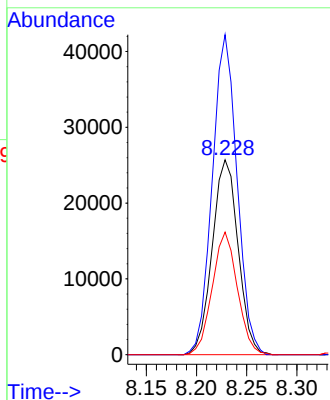
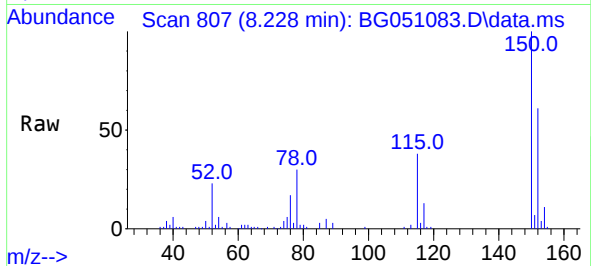




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

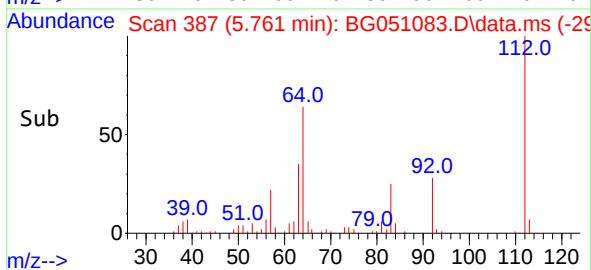
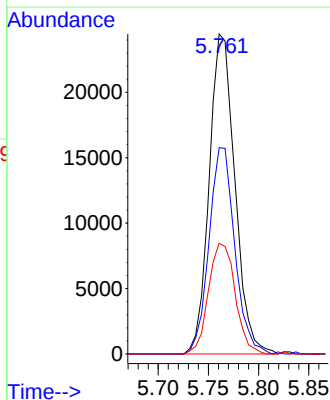
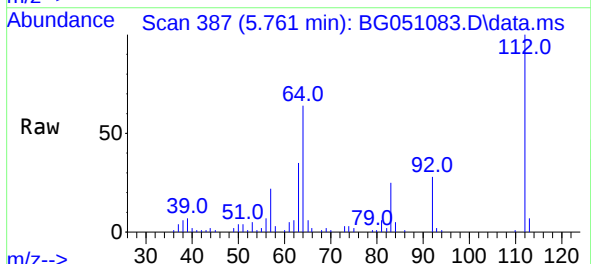
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BNA_G
ClientSampleId :
HR-02-111021

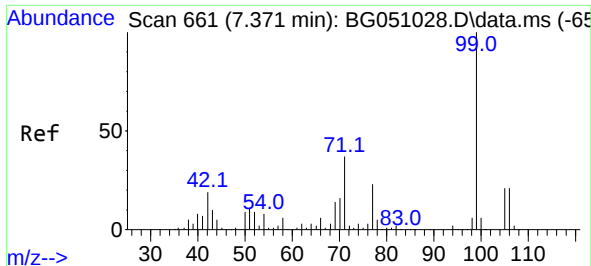
Tgt Ion:152 Resp: 46059
Ion Ratio Lower Upper
152 100
150 164.2 119.4 179.0
115 62.9 60.2 90.4



#5
2-Fluorophenol
Concen: 14.137 ng
RT: 5.761 min Scan# 387
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:112 Resp: 43528
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 34.6 35.3 52.9#

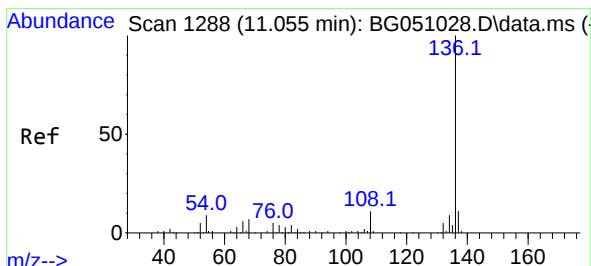
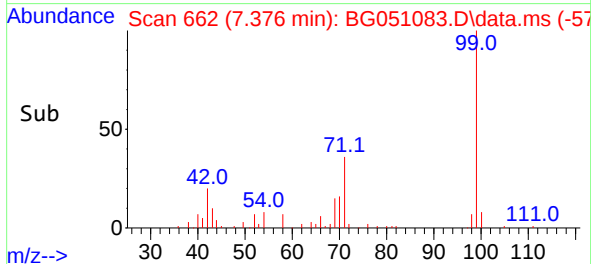
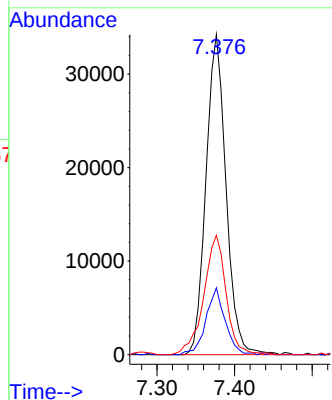
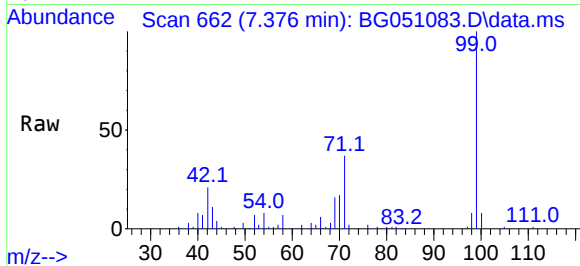




#7
Phenol-d6
Concen: 14.140 ng
RT: 7.376 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

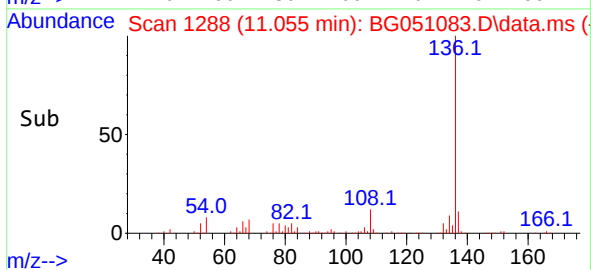
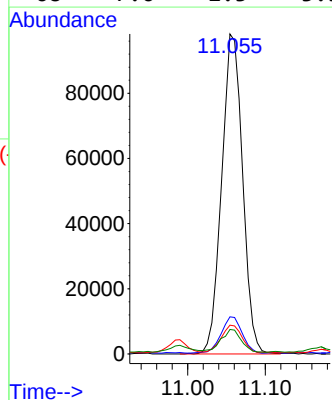
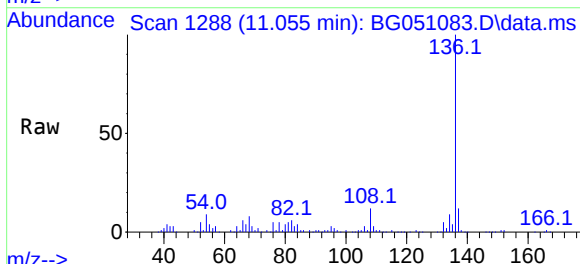
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ClientSampleId :
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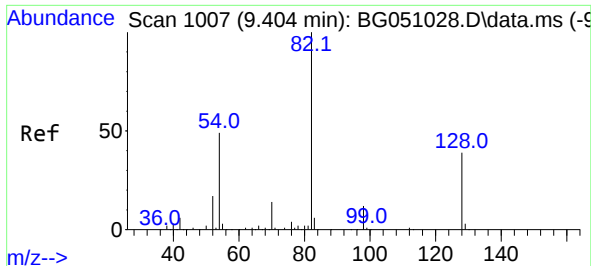
Tgt Ion: 99 Resp: 61449
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 37.3 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:136 Resp: 184173
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 9.0 5.5 8.3#
68 7.6 2.3 3.5#

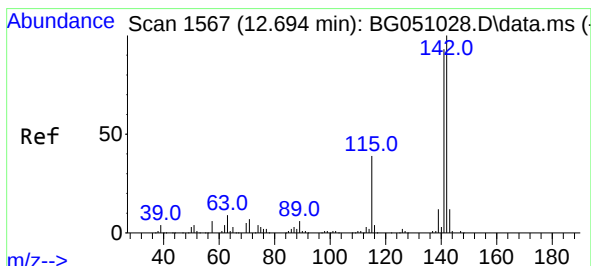
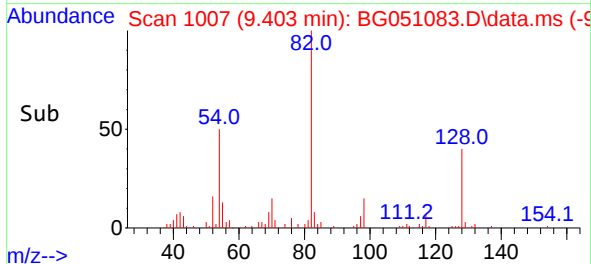
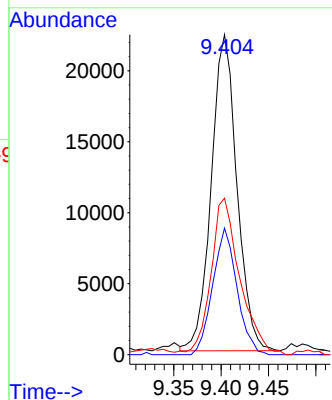
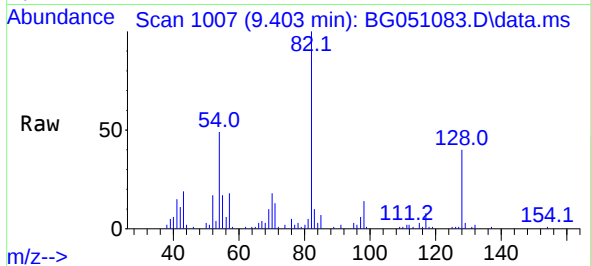




#23
Nitrobenzene-d5
Concen: 10.083 ng
RT: 9.403 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

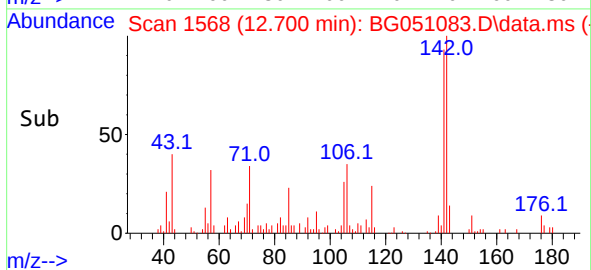
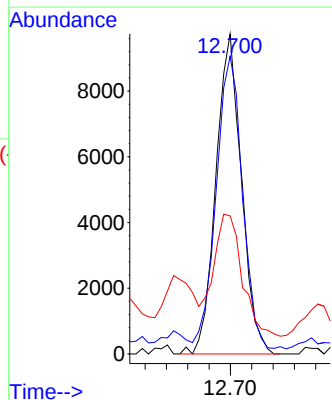
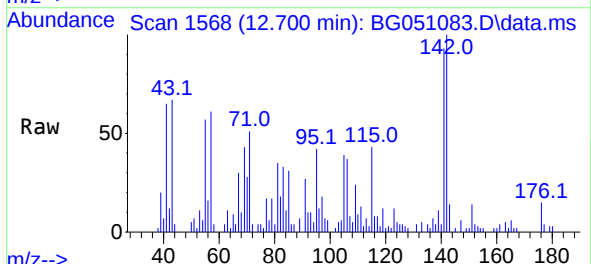
Instrument :
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ClientSampleId :
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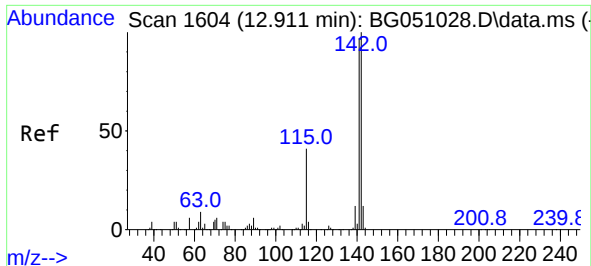
Tgt Ion:	82	Resp:	41952
Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.8	44.6
54	48.9	45.8	68.8



#37
2-Methylnaphthalene
Concen: 2.405 ng
RT: 12.700 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:	142	Resp:	16162
Ion	Ratio	Lower	Upper
142	100		
141	93.0	68.8	103.2
115	43.2	36.4	54.6

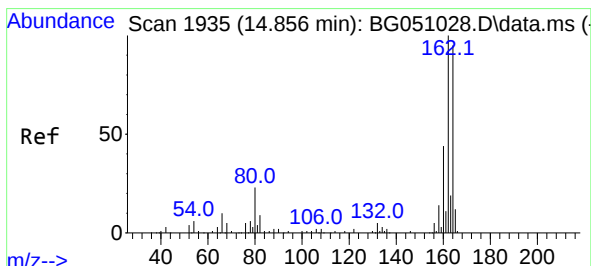
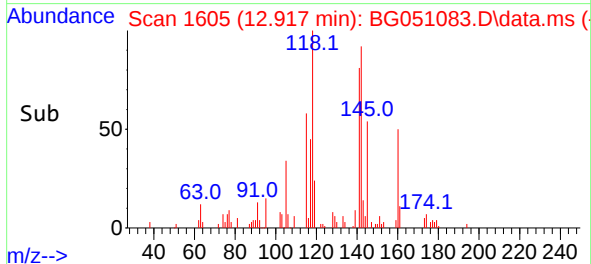
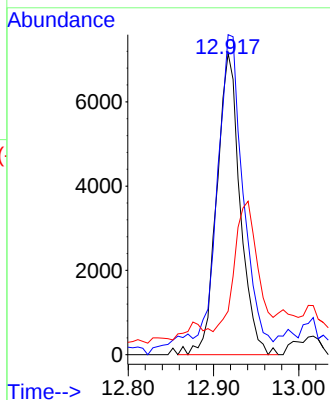
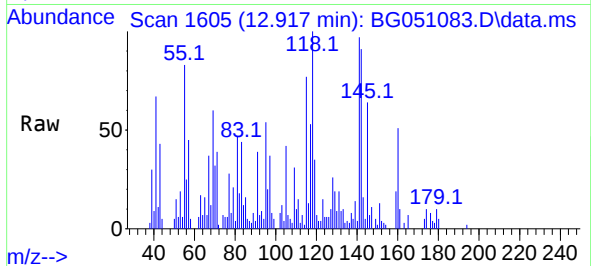




#38
1-Methylnaphthalene
Concen: 2.077 ng
RT: 12.917 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

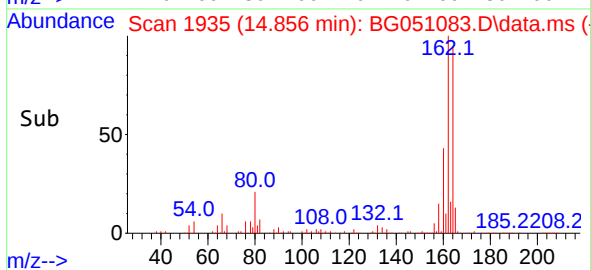
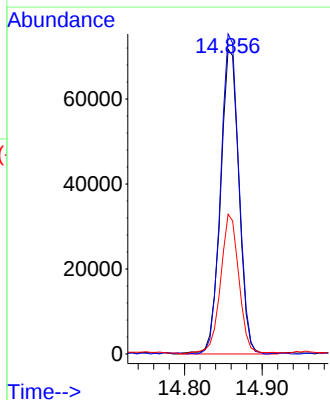
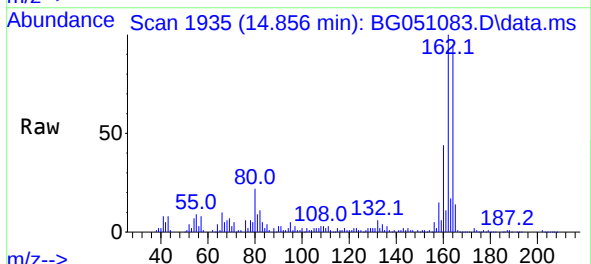
Instrument :
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ClientSampleId :
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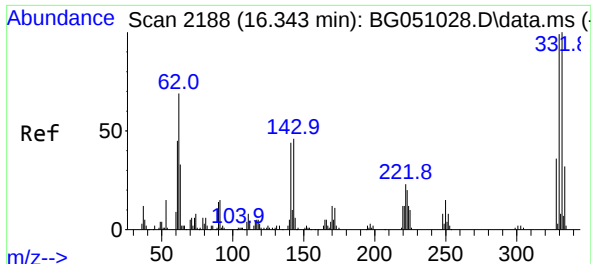
Tgt Ion:142 Resp: 13639
Ion Ratio Lower Upper
142 100
141 106.2 70.6 106.0#
116 14.4 4.0 6.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:164 Resp: 118800
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 45.9 34.9 52.3

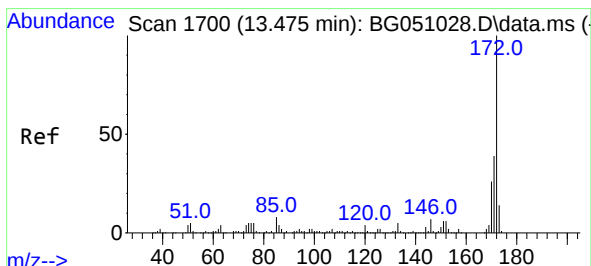
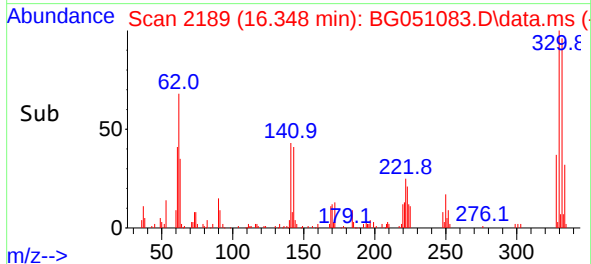
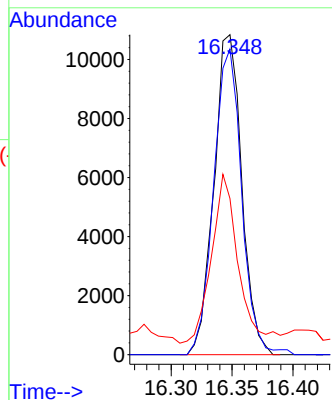
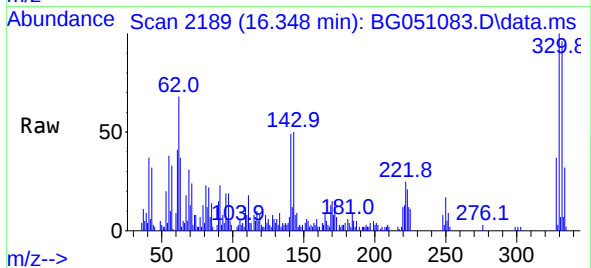




#42
2,4,6-Tribromophenol
Concen: 14.484 ng
RT: 16.348 min Scan# 2188
Delta R.T. 0.005 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

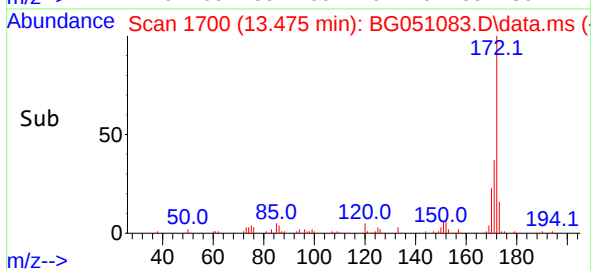
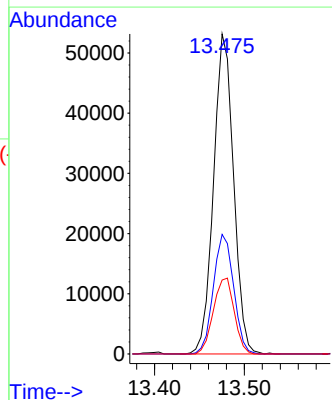
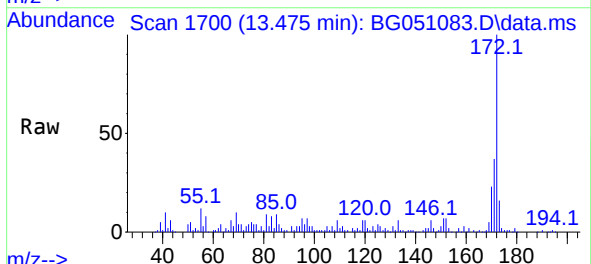
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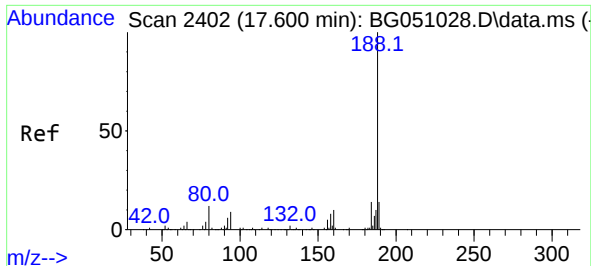
Tgt Ion:330 Resp: 17220
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 50.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 10.935 ng
RT: 13.475 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:172 Resp: 82217
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 23.1 18.6 27.8

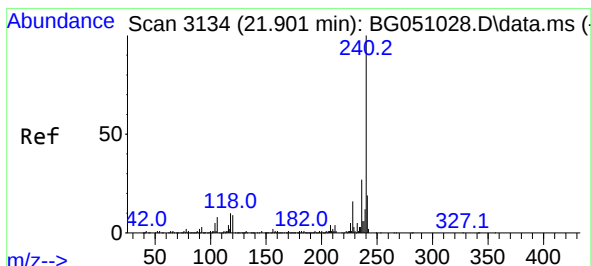
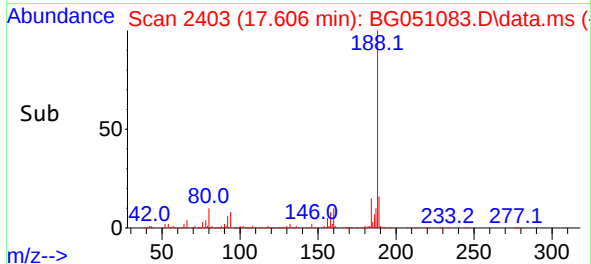
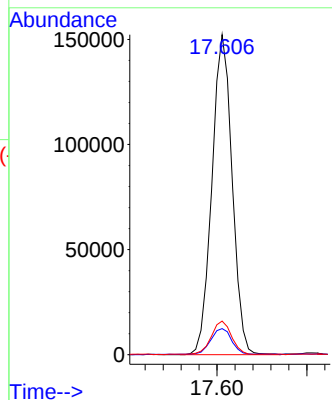
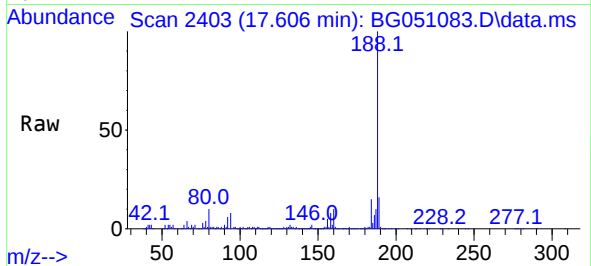




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

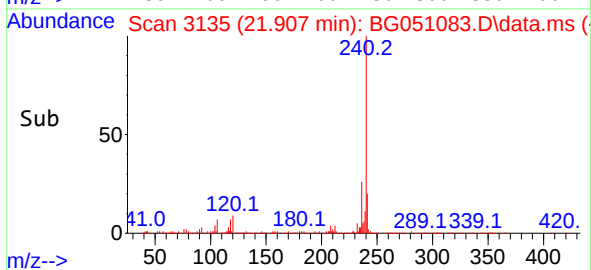
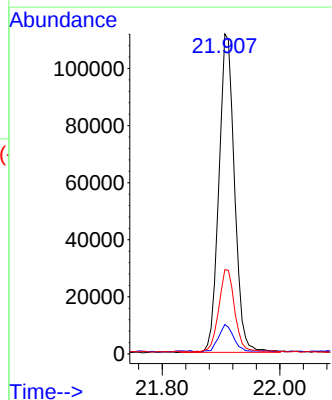
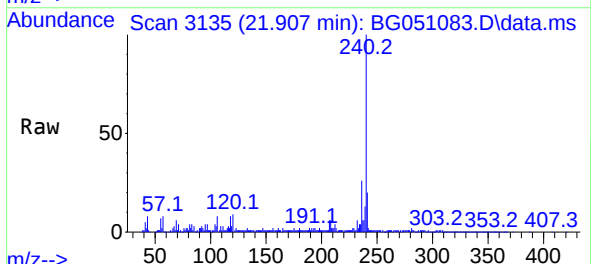
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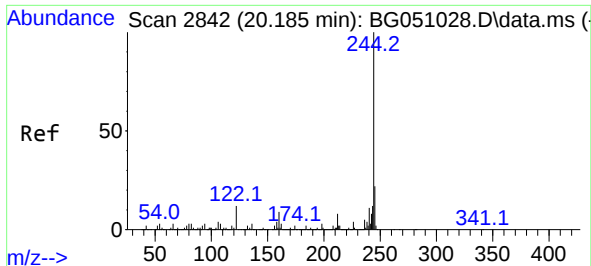
Tgt Ion:188 Resp: 237834
Ion Ratio Lower Upper
188 100
94 8.2 5.4 8.0#
80 10.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BG051083.D
Acq: 17 Nov 2021 2:03

Tgt Ion:240 Resp: 205900
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.3 21.8 32.6

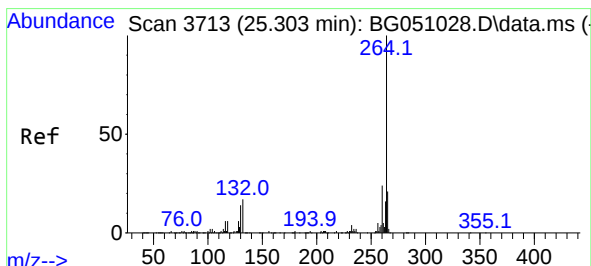
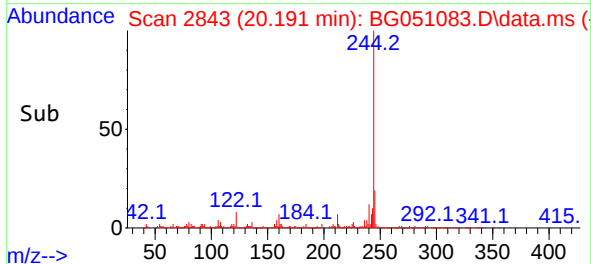
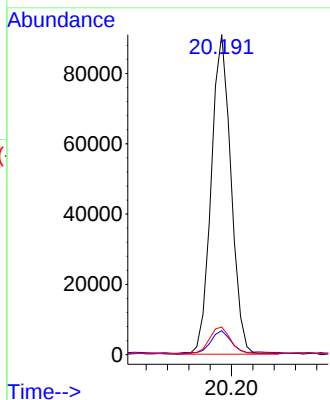
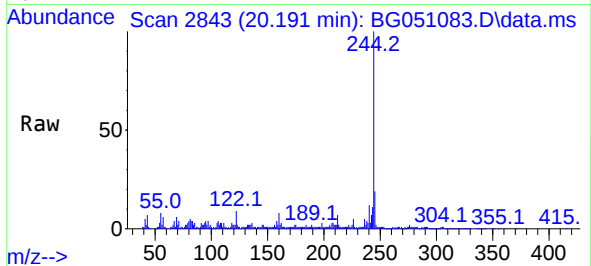




#79
 Terphenyl-d14
 Concen: 10.379 ng
 RT: 20.191 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG051083.D
 Acq: 17 Nov 2021 2:03

Instrument :
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Tgt Ion:244 Resp: 116791
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 8.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 3719
 Delta R.T. 0.035 min
 Lab File: BG051083.D
 Acq: 17 Nov 2021 2:03

Tgt Ion:264 Resp: 167328
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.4 29.2
 265 23.1 16.9 25.3

