

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051045.D
 Acq On : 15 Nov 2021 17:21
 Operator : CG/JU
 Sample : M4595-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMC-OF4-001-002

Quant Time: Nov 15 18:01:21 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	8.229	152	43658	20.000	ng	# 0.00
21) Naphthalene-d8	11.055	136	192901	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	131418	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	272157	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	222353	20.000	ng	# 0.00
86) Perylene-d12	25.309	264	226001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	295152	101.131	ng	0.00
7) Phenol-d6	7.377	99	402897	97.806	ng	0.00
23) Nitrobenzene-d5	9.404	82	278064	63.810	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	131891	100.287	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	565971	68.046	ng	0.00
79) Terphenyl-d14	20.186	244	765767	63.016	ng	0.00

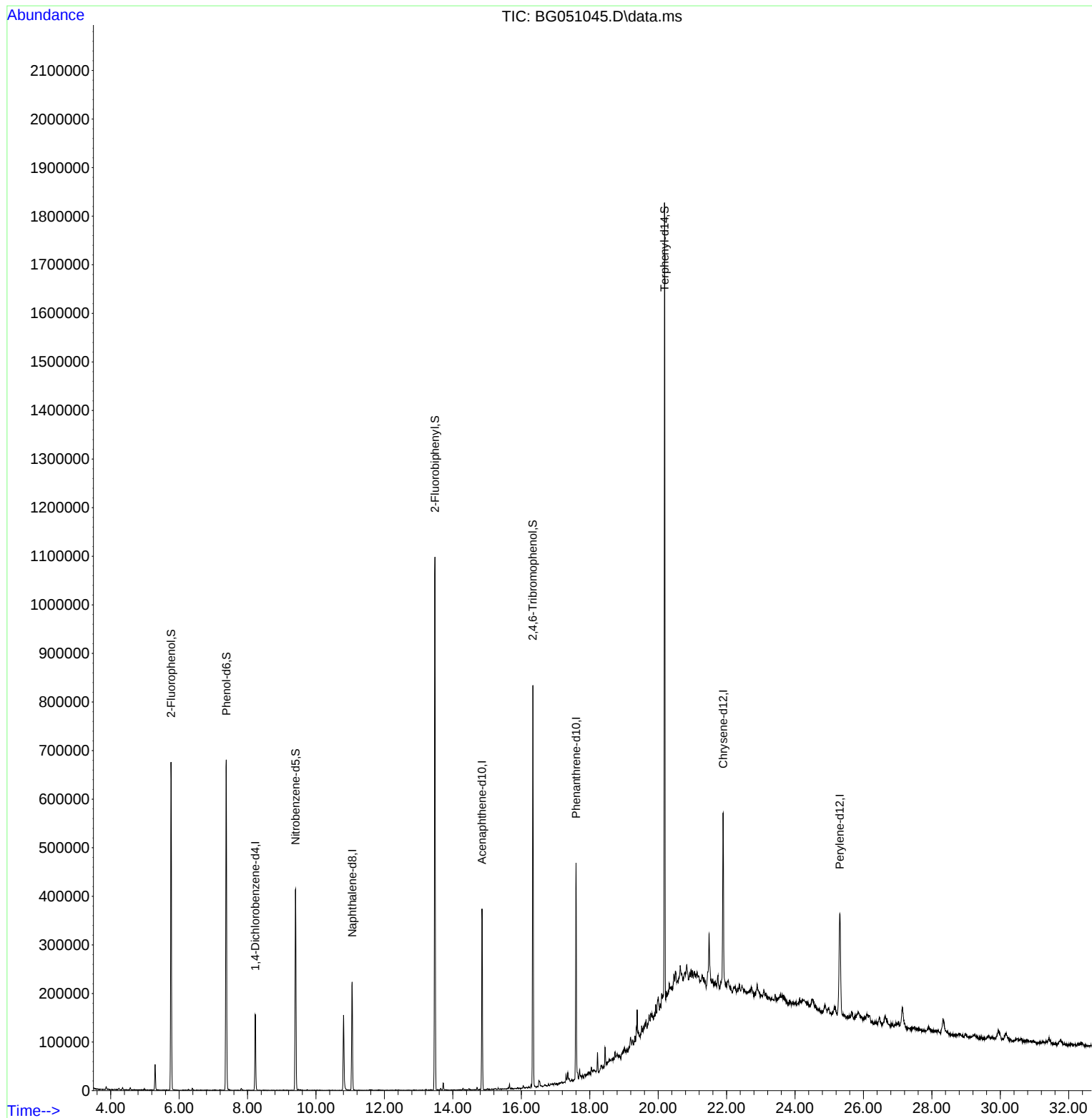
Target Compounds	Qvalue

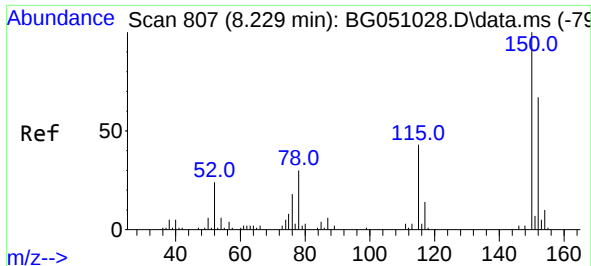
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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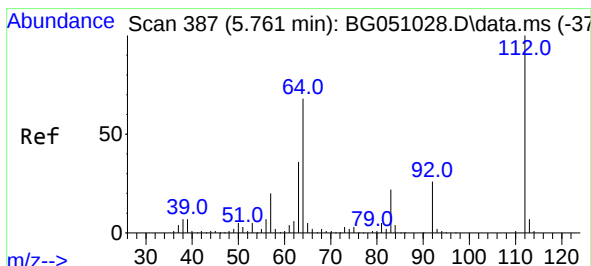
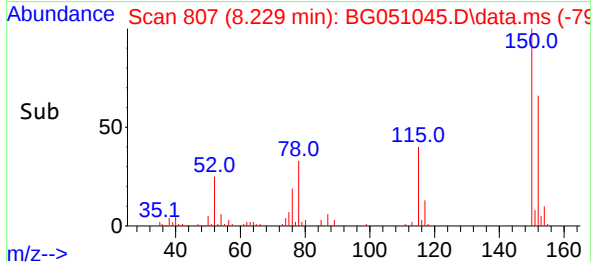
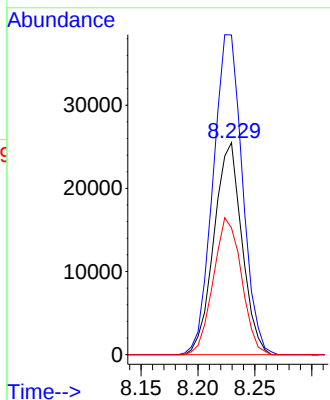
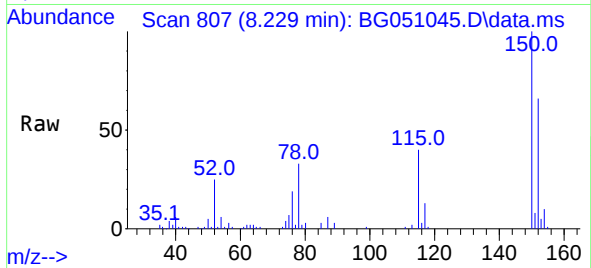




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

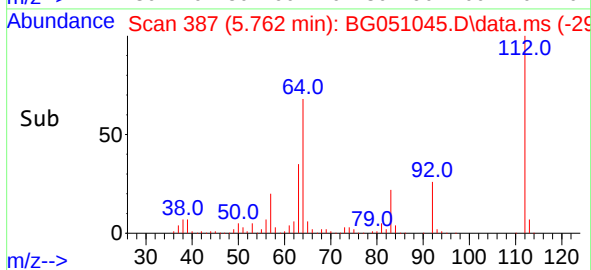
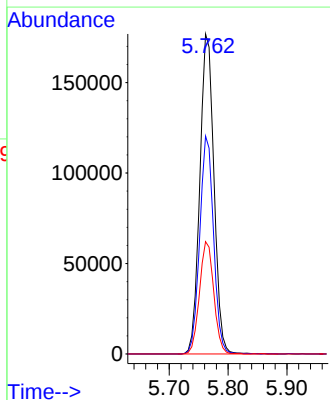
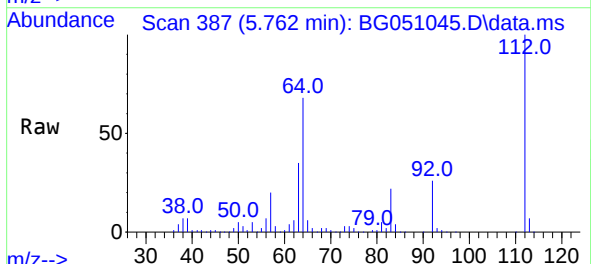
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BNA_G
ClientSampleId :
CMC-OF4-001-002

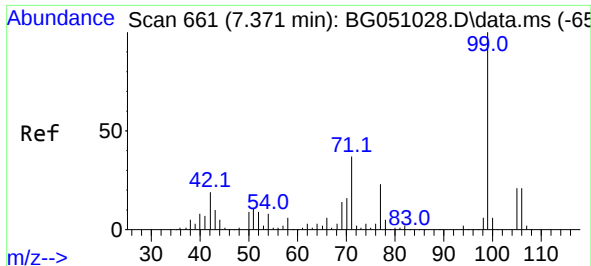
Tgt Ion:152 Resp: 43658
Ion Ratio Lower Upper
152 100
150 150.8 119.4 179.0
115 59.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 101.131 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:112 Resp: 295152
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 35.1 35.3 52.9#

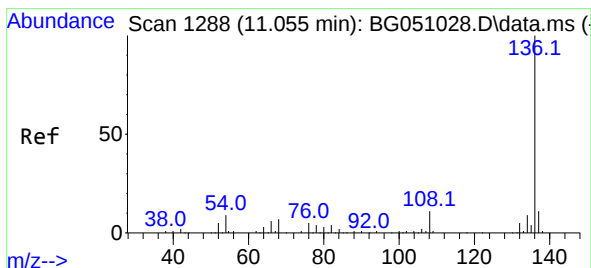
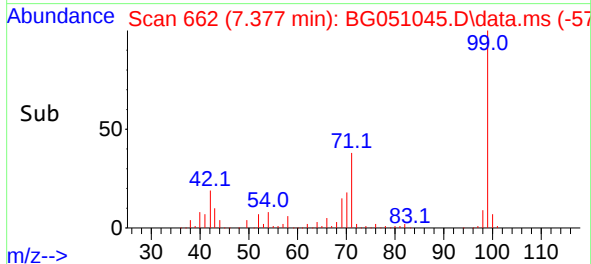
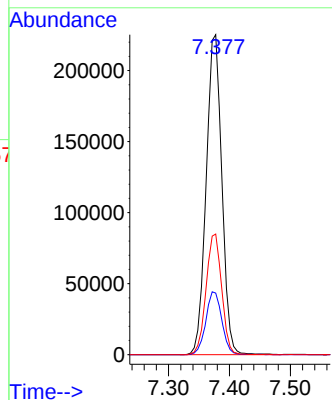
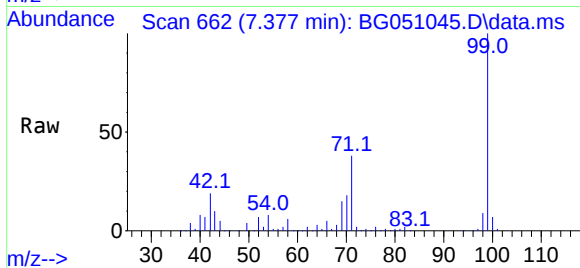




#7
Phenol-d6
Concen: 97.806 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

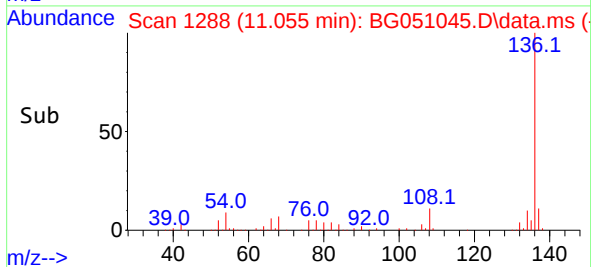
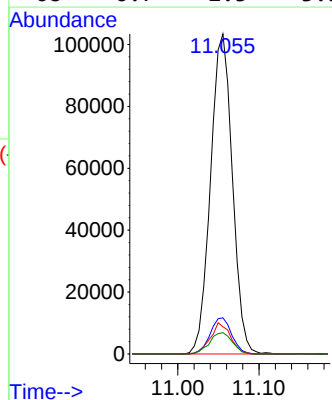
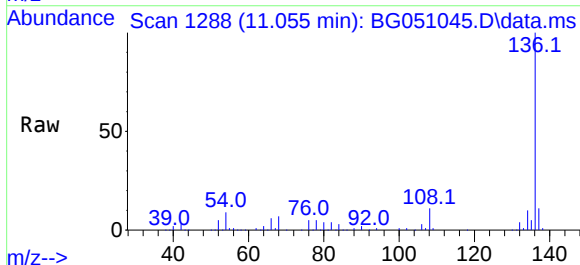
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002

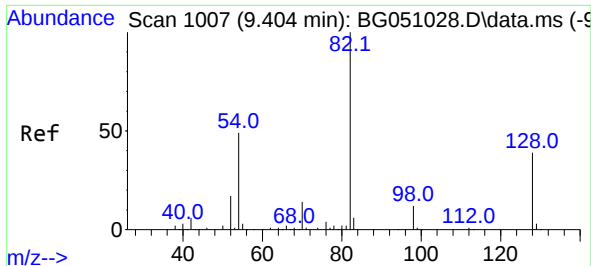
Tgt Ion: 99 Resp: 402897
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 37.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1288
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion: 136 Resp: 192901
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.5 5.5 8.3#
68 6.7 2.3 3.5#

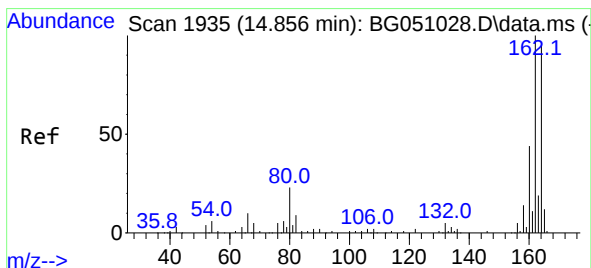
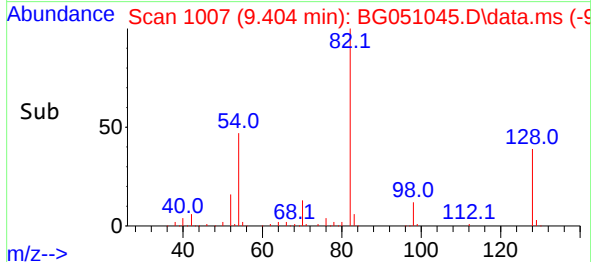
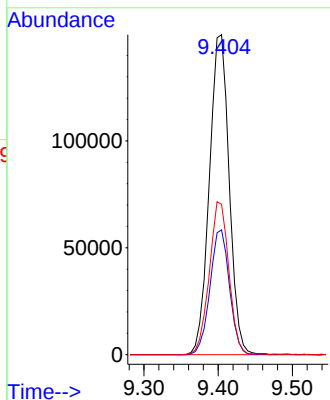
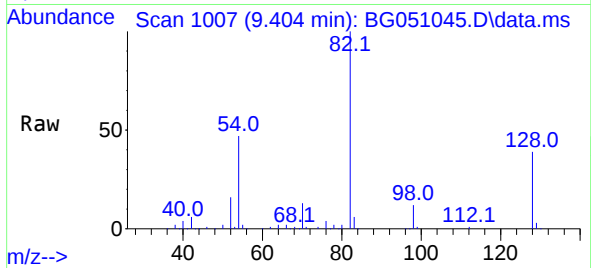




#23
Nitrobenzene-d5
Concen: 63.810 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

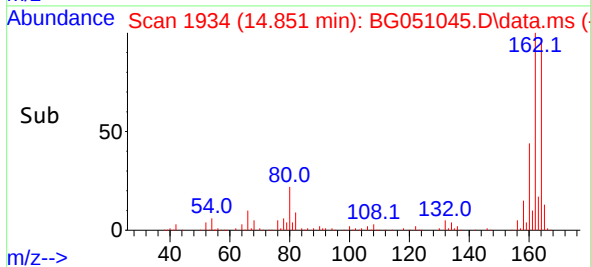
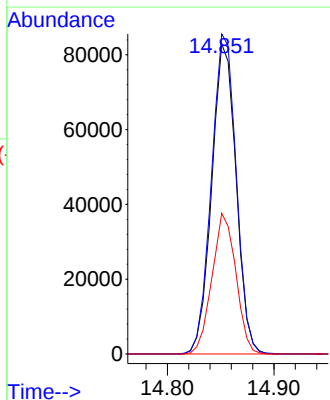
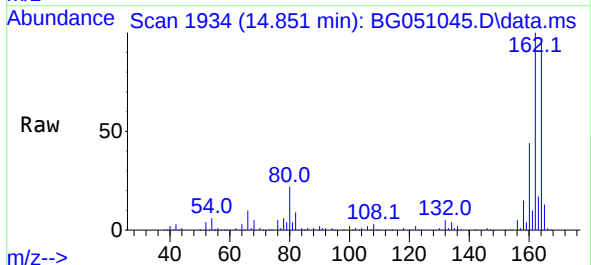
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002

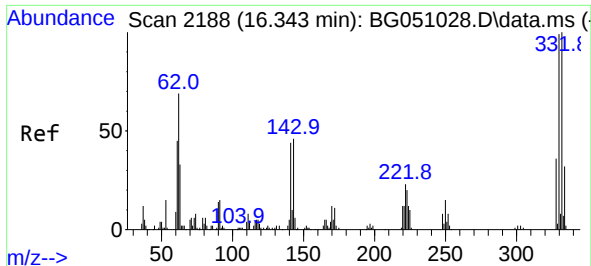
Tgt Ion: 82 Resp: 278064
Ion Ratio Lower Upper
82 100
128 39.0 29.8 44.6
54 47.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:164 Resp: 131418
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.4 34.9 52.3

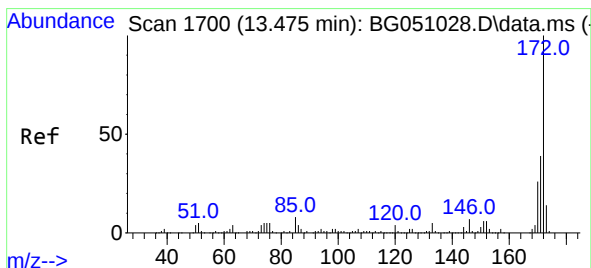
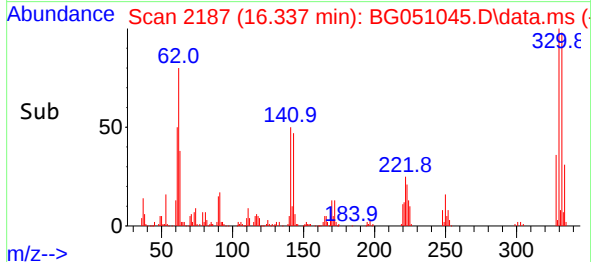
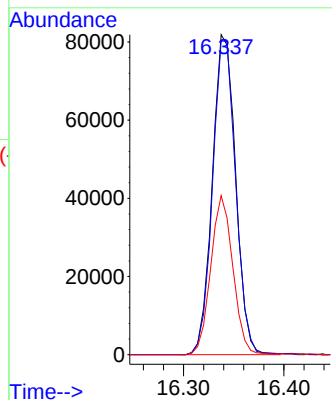
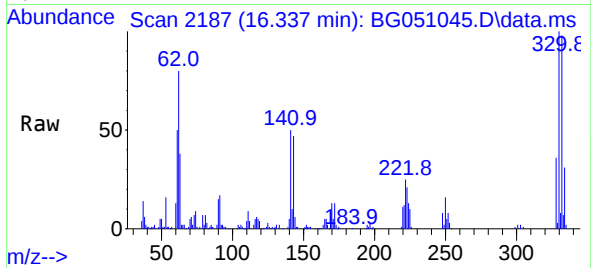




#42
2,4,6-Tribromophenol
Concen: 100.287 ng
RT: 16.337 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

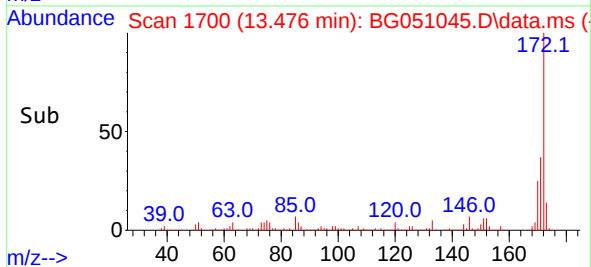
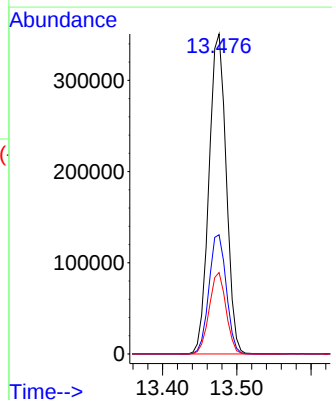
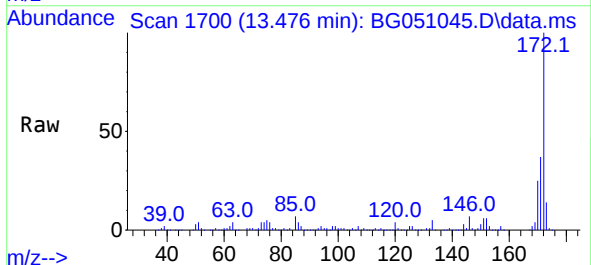
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CMC-OF4-001-002

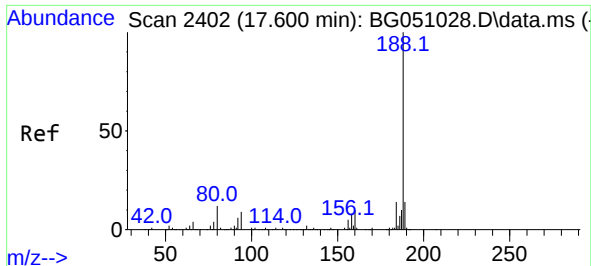
Tgt Ion:330 Resp: 131891
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 47.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.046 ng
RT: 13.476 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:172 Resp: 565971
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.4 18.6 27.8

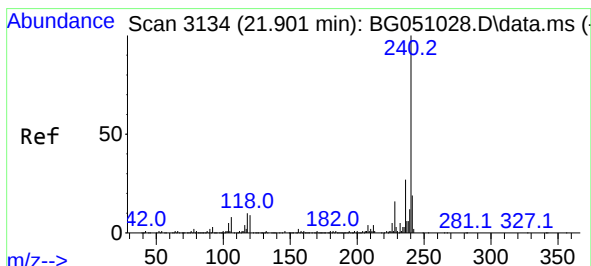
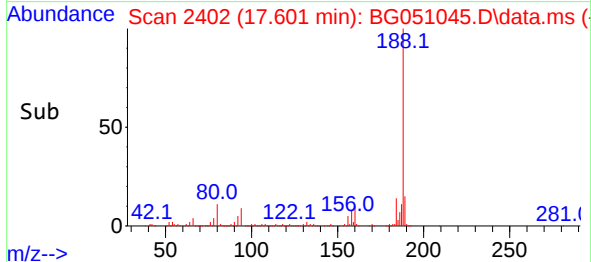
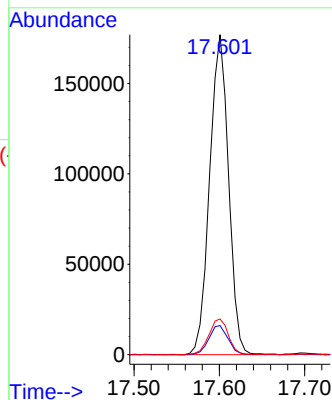
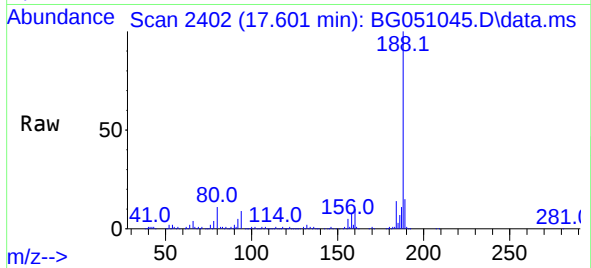




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

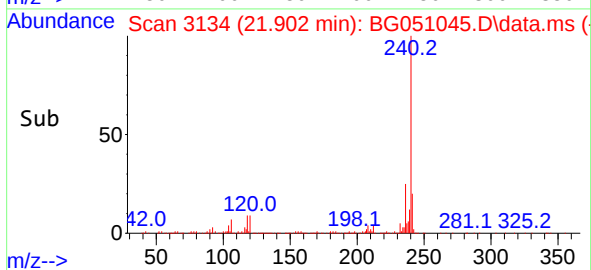
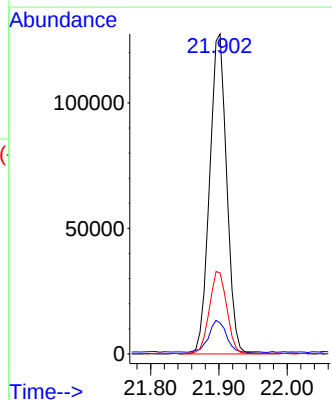
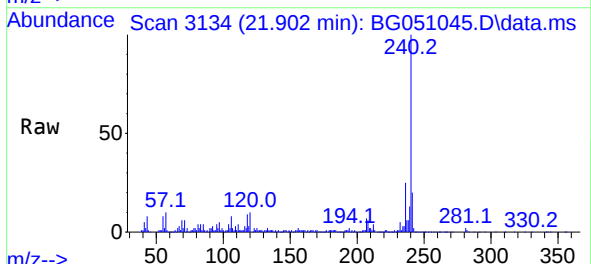
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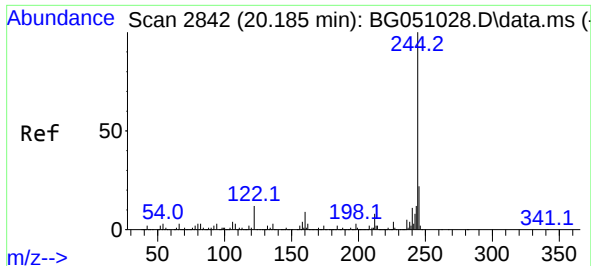
Tgt Ion:188 Resp: 272157
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:240 Resp: 222353
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.3 21.8 32.6

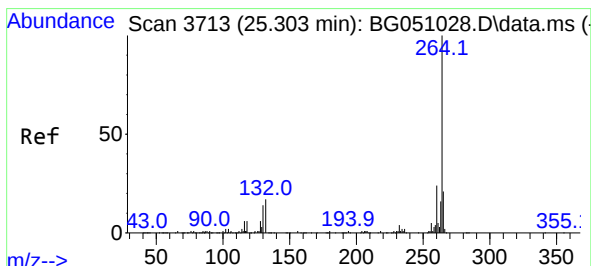
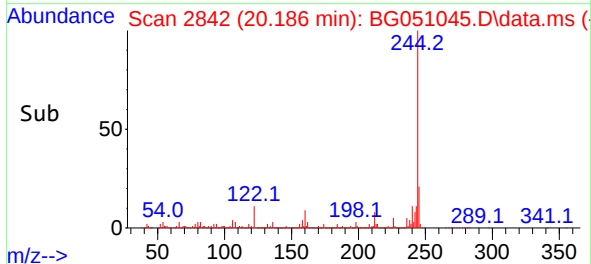
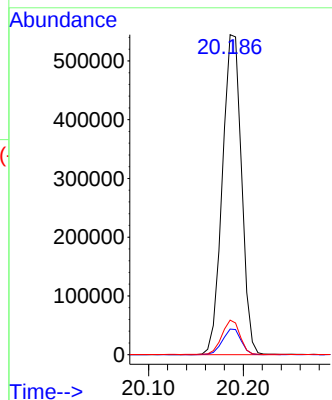
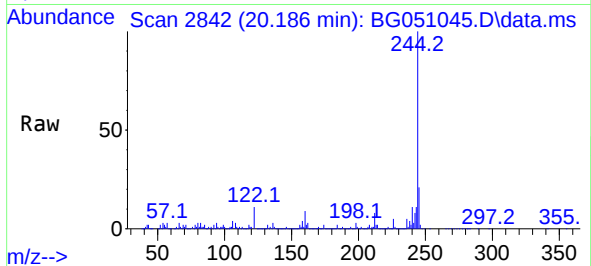




#79
 Terphenyl-d14
 Concen: 63.016 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051045.D
 Acq: 15 Nov 2021 17:21

Instrument :
 BNA_G
 ClientSampleId :
 CMC-OF4-001-002

Tgt Ion:244 Resp: 765767
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3714
 Delta R.T. 0.007 min
 Lab File: BG051045.D
 Acq: 15 Nov 2021 17:21

Tgt Ion:264 Resp: 226001
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.0 16.9 25.3

