

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030447.D
 Acq On : 14 Jun 2021 21:28
 Operator : CG/JU
 Sample : M2677-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PIER-GIS

Quant Time: Jun 15 03:51:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 14:10:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	162934	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	596609	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	351686	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	720704	20.000	ng	0.00
76) Chrysene-d12	21.350	240	791055	20.000	ng	0.00
86) Perylene-d12	23.627	264	884908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	635842	63.441	ng	0.01
7) Phenol-d6	7.010	99	1101087	75.889	ng	0.01
23) Nitrobenzene-d5	8.987	82	927943	75.774	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	212630	48.088	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2088990	78.114	ng	0.00
79) Terphenyl-d14	19.803	244	3306358	73.414	ng	0.00

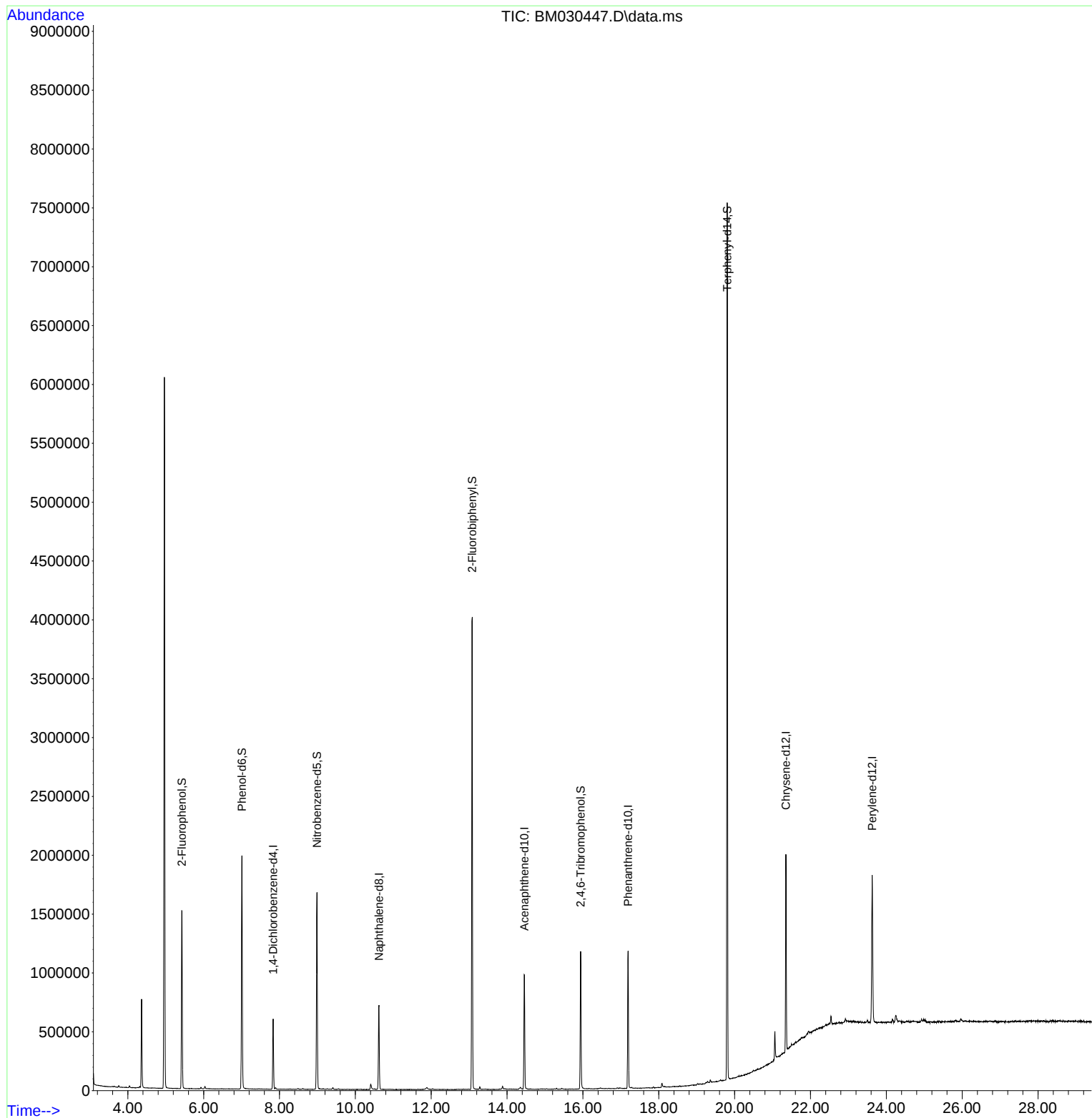
Target Compounds	Qvalue

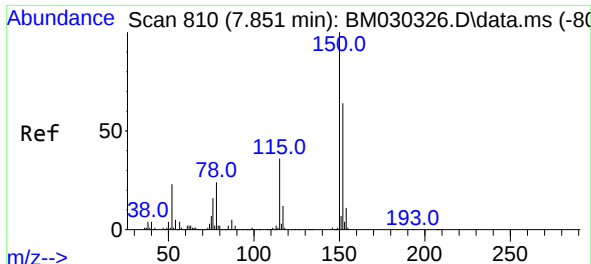
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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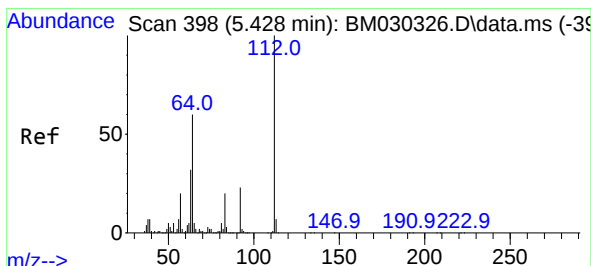
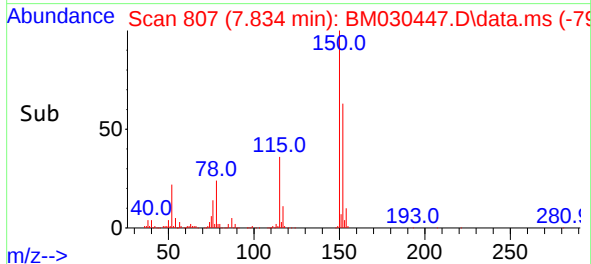
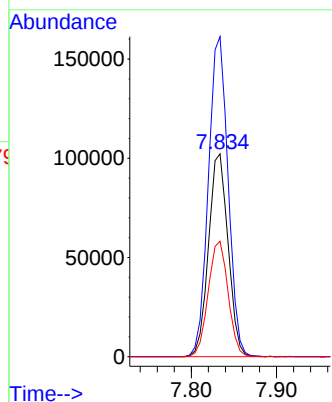
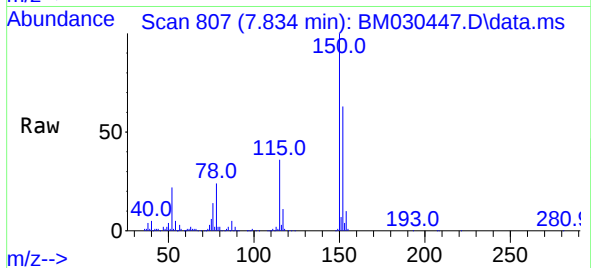




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

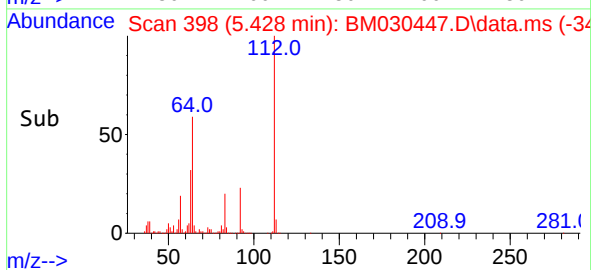
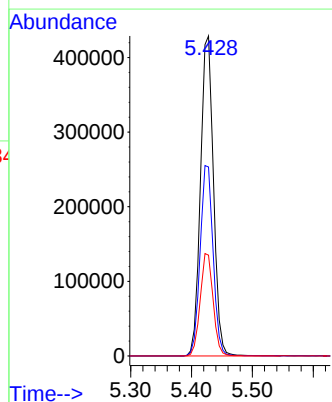
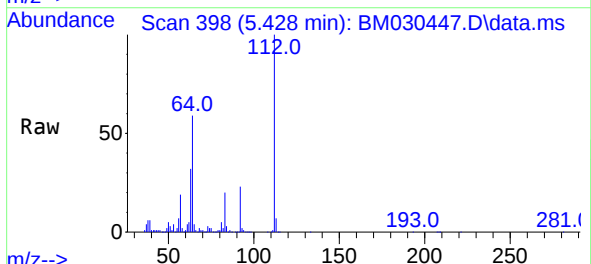
Instrument :
BNA_M
ClientSampleId :
PIER-GIS

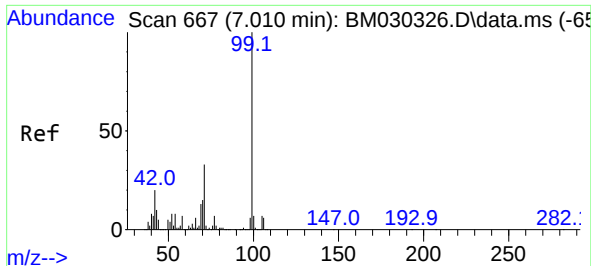
Tgt Ion:152 Resp: 162934
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 56.8 44.6 67.0



#5
2-Fluorophenol
Concen: 63.441 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.012 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:112 Resp: 635842
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 31.5 27.3 40.9



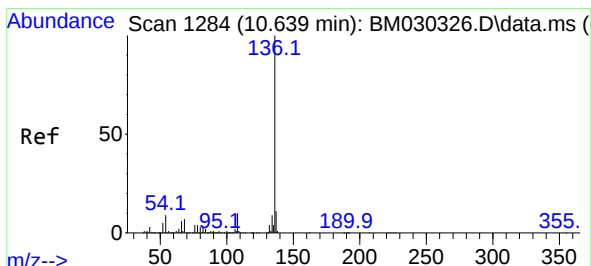
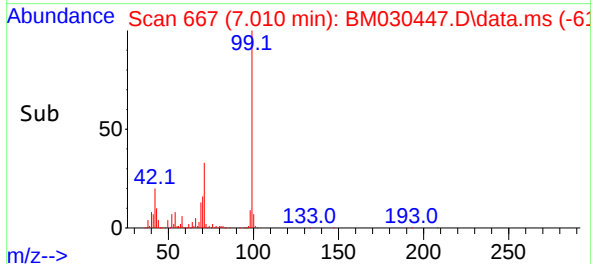
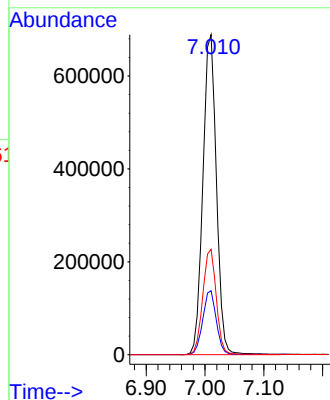
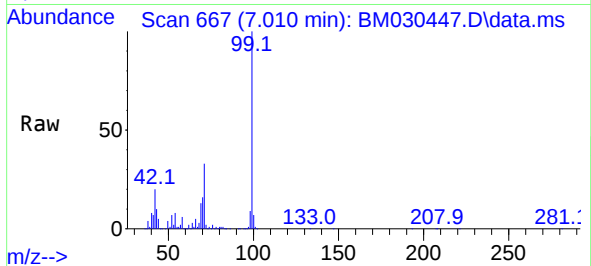


#7
Phenol-d6
Concen: 75.889 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.012 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Instrument :
BNA_M
ClientSampleId :
PIER-GIS

Tgt Ion: 99 Resp: 1101087

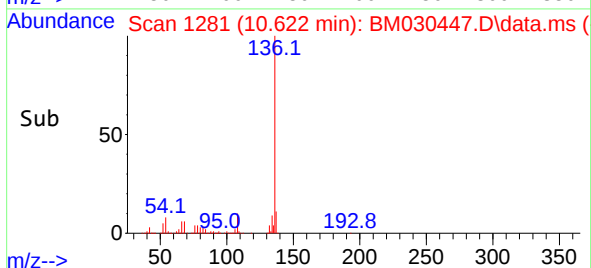
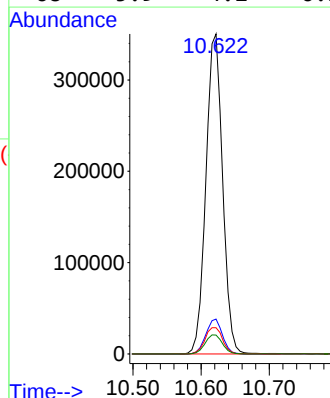
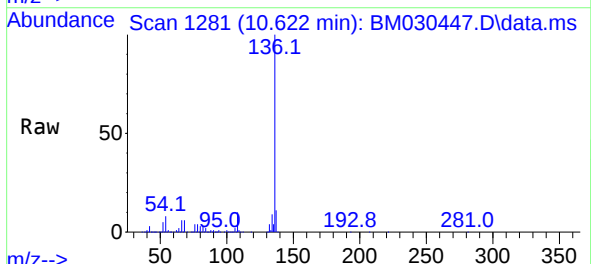
Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.0	27.0
71	32.9	30.9	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion: 136 Resp: 596609

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.2	5.5	8.3
68	5.9	4.2	6.2

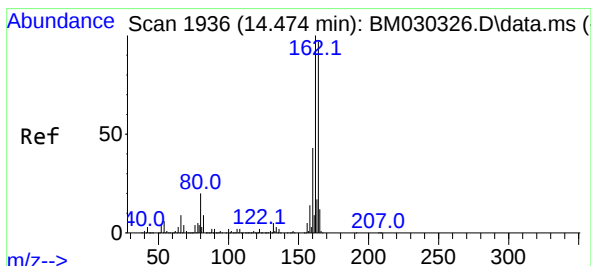
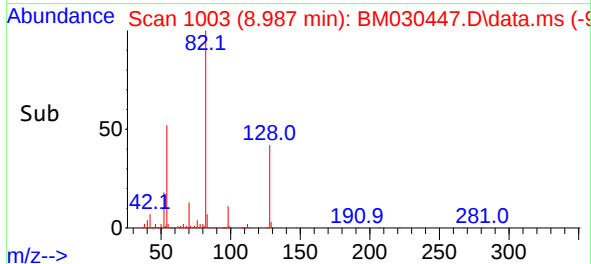
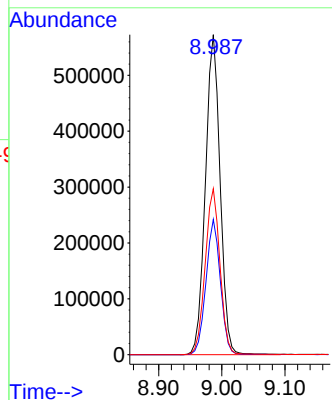
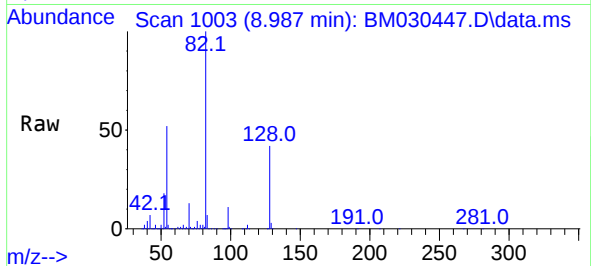




#23
Nitrobenzene-d5
Concen: 75.774 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

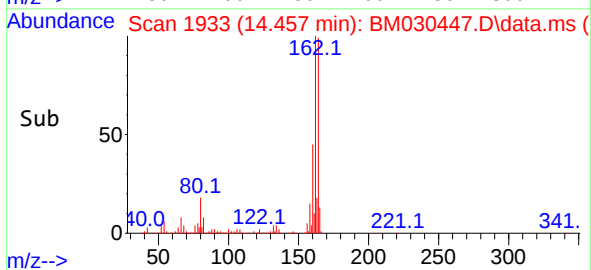
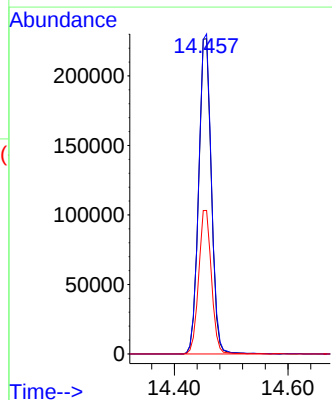
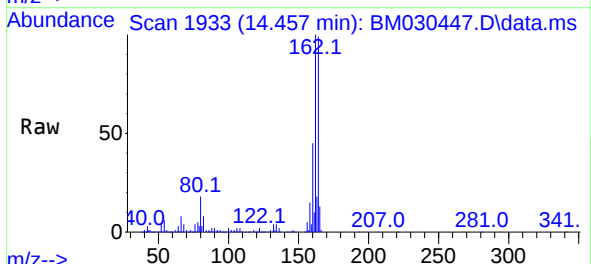
Instrument :
BNA_M
ClientSampled :
PIER-GIS

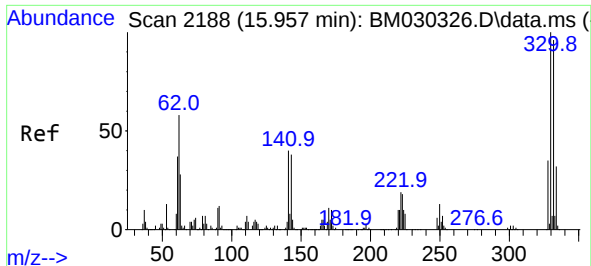
Tgt Ion: 82 Resp: 927943
Ion Ratio Lower Upper
82 100
128 42.3 31.1 46.7
54 51.8 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:164 Resp: 351686
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.0
160 45.5 37.2 55.8

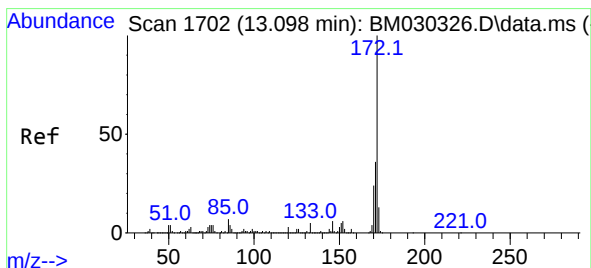
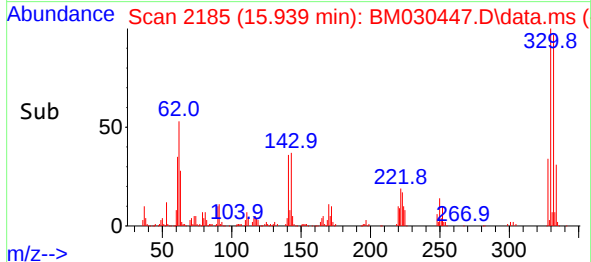
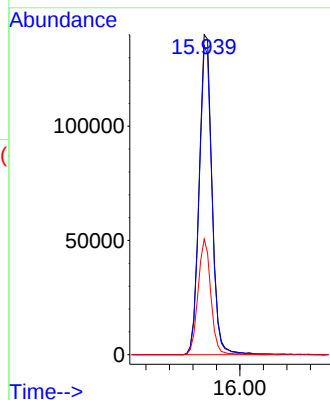
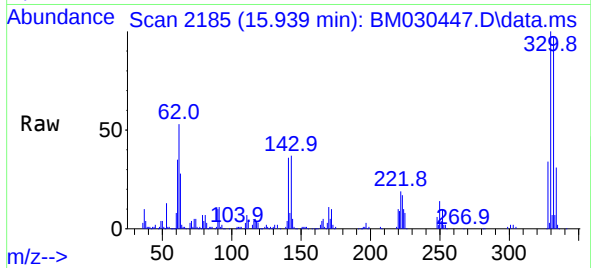




#42
2,4,6-Tribromophenol
Concen: 48.088 ng
RT: 15.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

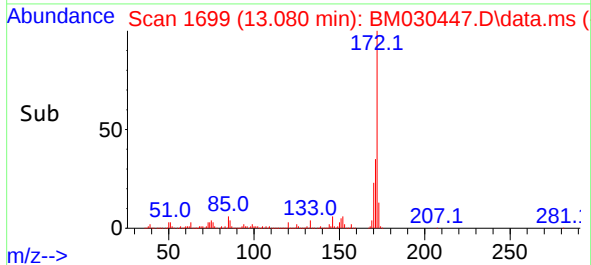
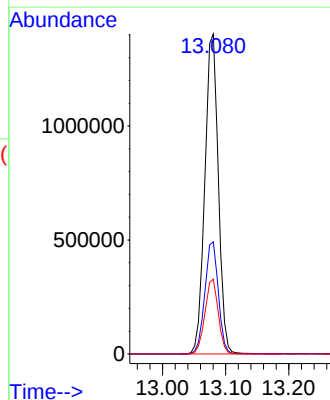
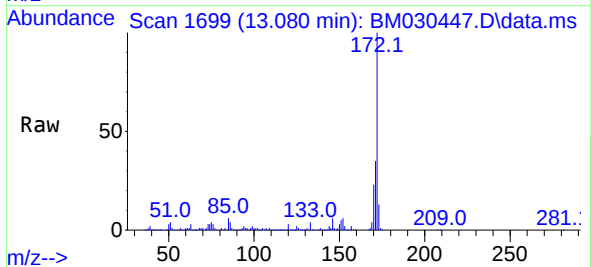
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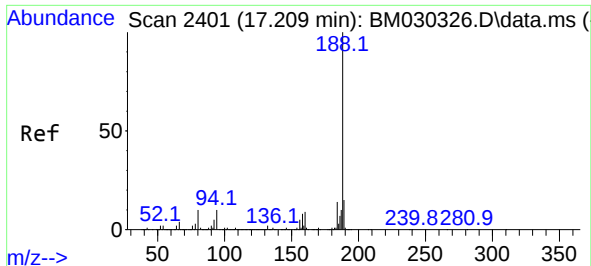
Tgt Ion:330 Resp: 212630
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 35.8 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 78.114 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:172 Resp: 2088990
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 18.4 27.6

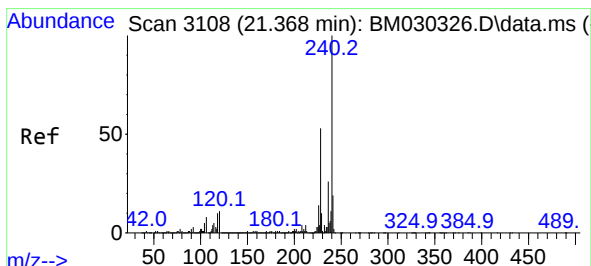
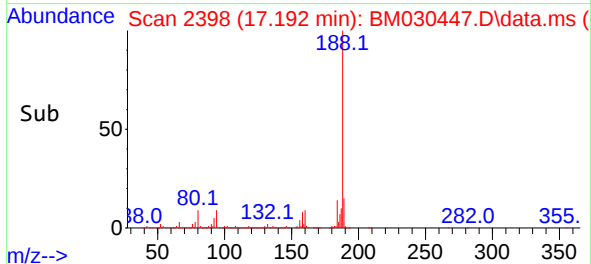
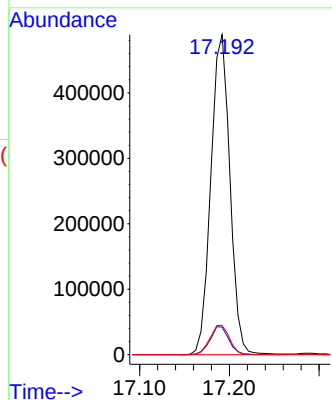
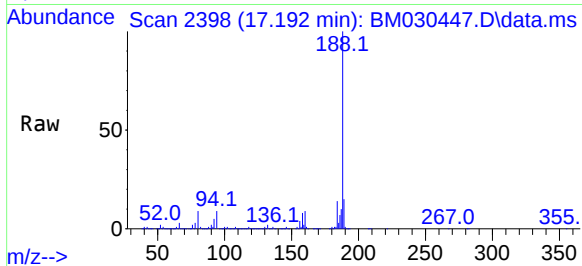




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

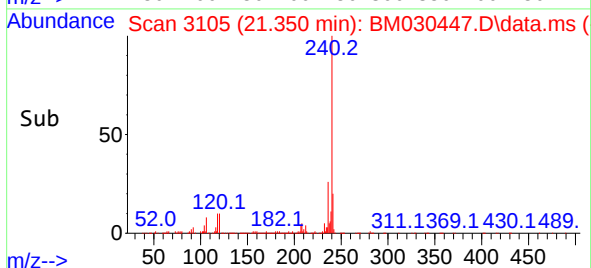
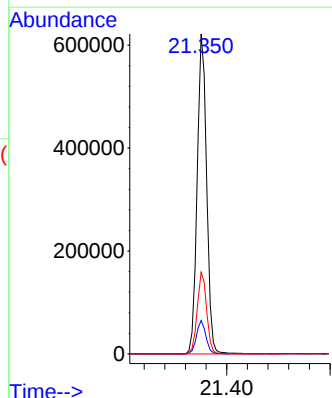
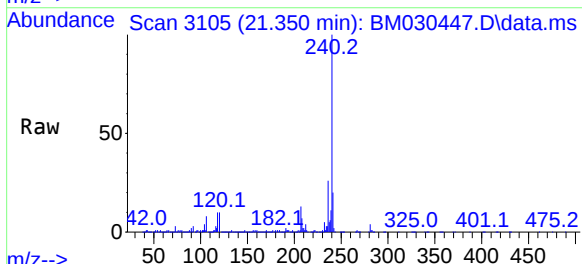
Instrument :
BNA_M
ClientSampled :
PIER-GIS

Tgt Ion:188 Resp: 720704
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:240 Resp: 791055
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.6 21.0 31.4

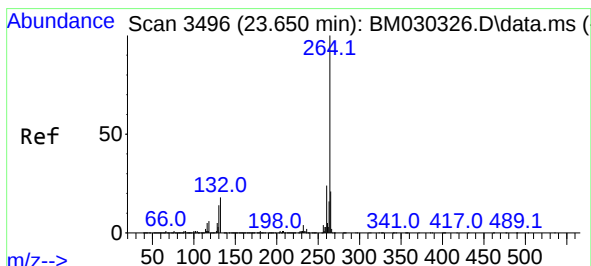
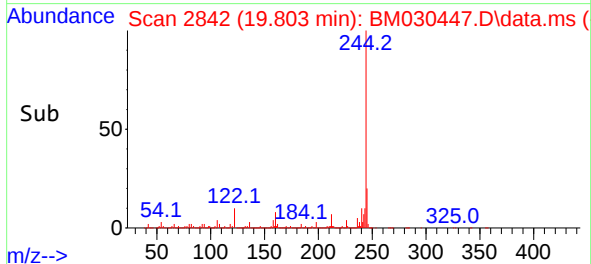
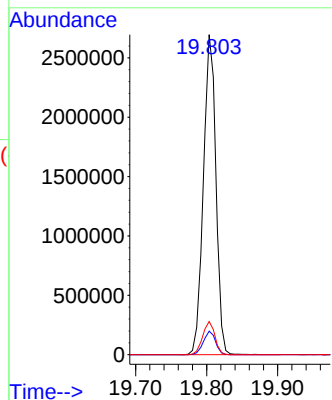
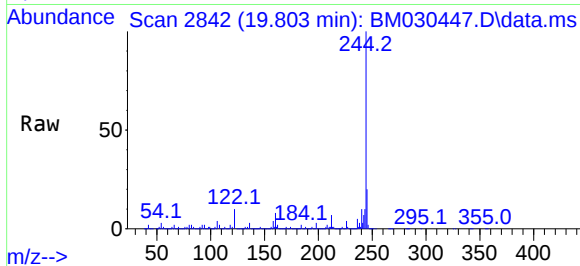




#79
Terphenyl-d14
Concen: 73.414 ng
RT: 19.803 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Instrument :
BNA_M
ClientSampleId :
PIER-GIS

Tgt Ion:244 Resp: 3306358
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 10.4 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:264 Resp: 884908
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.8
265 22.2 17.7 26.5

