

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039545.D
 Acq On : 21 Apr 2023 10:39
 Operator : CG/JU
 Sample : PB152149TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152149TB

Quant Time: Apr 22 01:42:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	203608	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	853284	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	550636	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	1181716	20.000	ng	0.00
76) Chrysene-d12	21.424	240	1019195	20.000	ng	0.00
86) Perylene-d12	23.783	264	1012876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	2068156	165.956	ng	0.00
7) Phenol-d6	7.007	99	2672642	145.930	ng	0.00
23) Nitrobenzene-d5	8.995	82	1549462	88.925	ng	0.00
42) 2,4,6-Tribromophenol	15.977	330	964850	135.032	ng	0.00
45) 2-Fluorobiphenyl	13.101	172	3571916	89.755	ng	0.00
79) Terphenyl-d14	19.865	244	5665871	100.289	ng	0.00

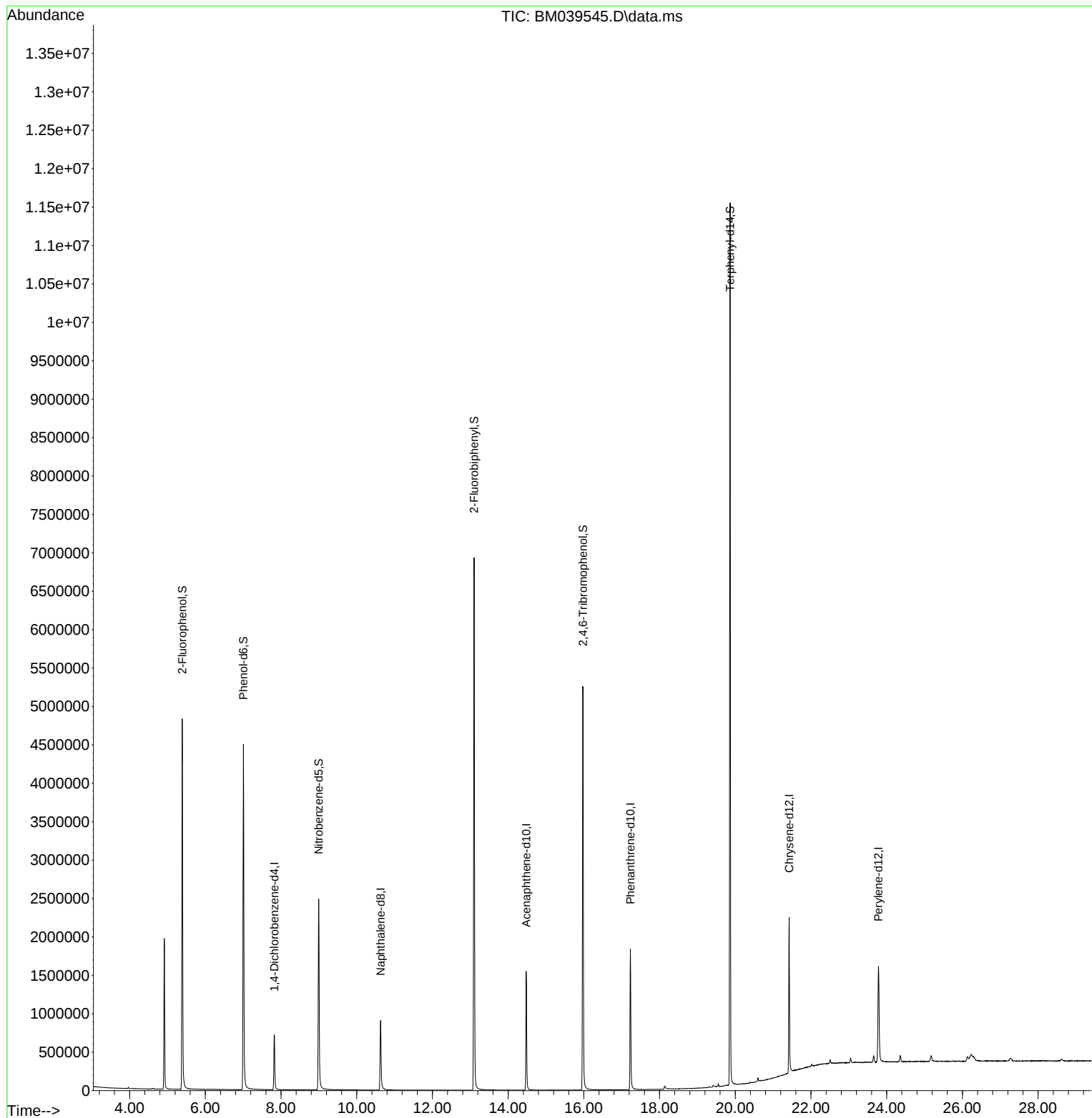
Target Compounds	Qvalue

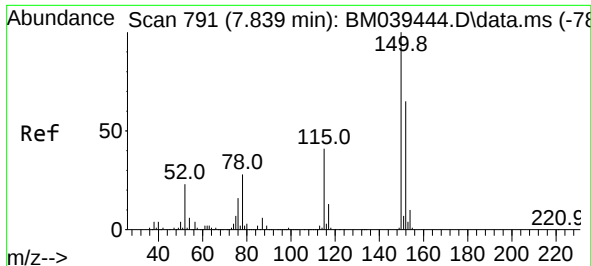
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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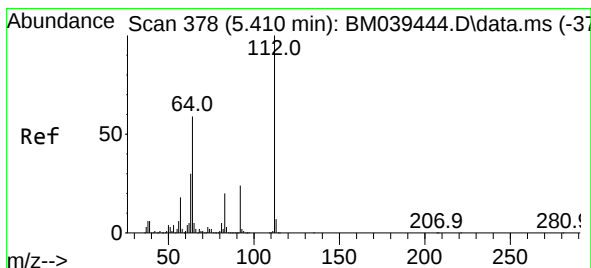
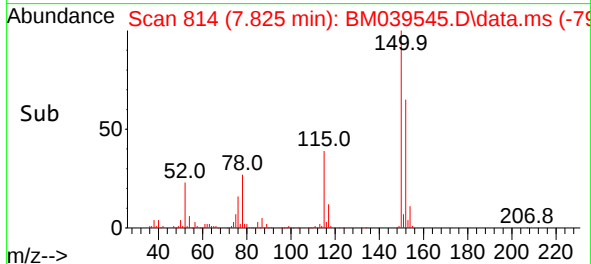
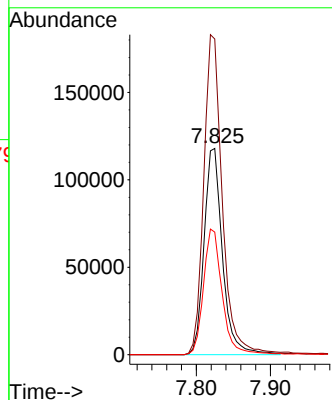
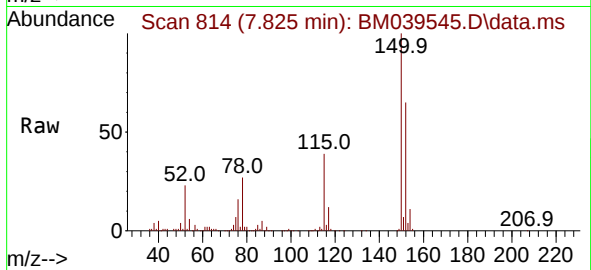




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

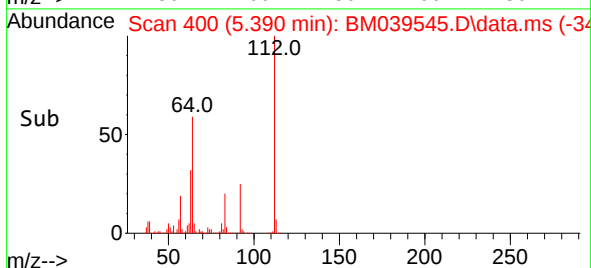
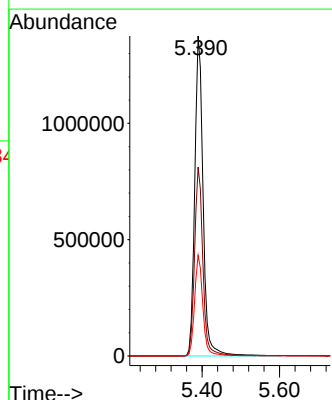
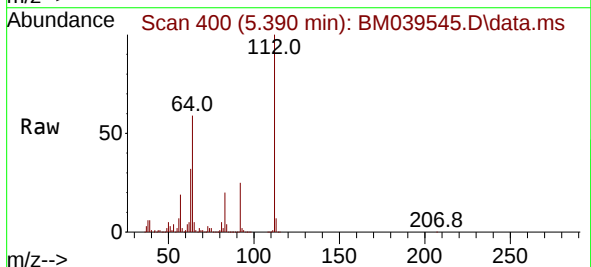
Instrument :
BNA_M
ClientSampleId :
PB152149TB

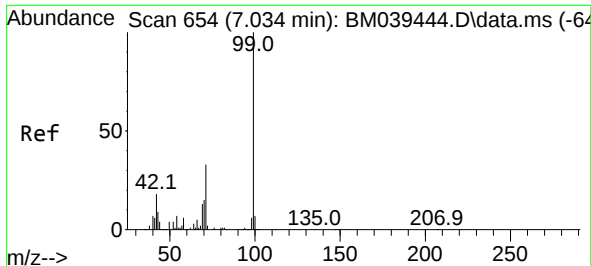
Tgt Ion:152 Resp: 203608
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.4
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 165.956 ng
RT: 5.390 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

Tgt Ion:112 Resp: 2068156
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.4
63 31.5 24.2 36.4

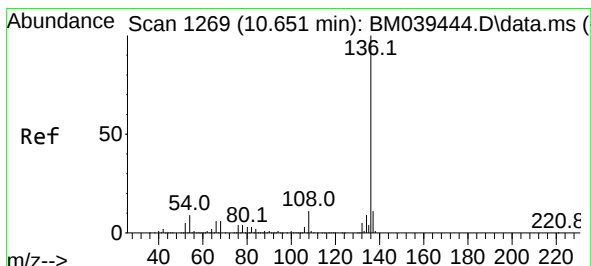
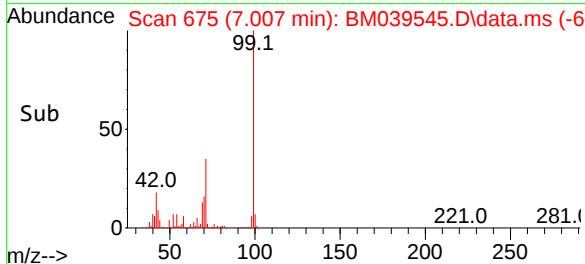
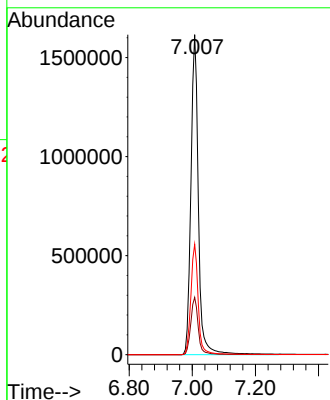
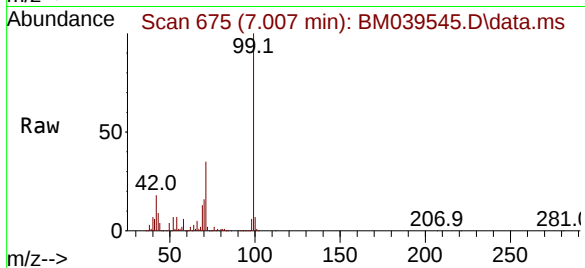




#7
Phenol-d6
Concen: 145.930 ng
RT: 7.007 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

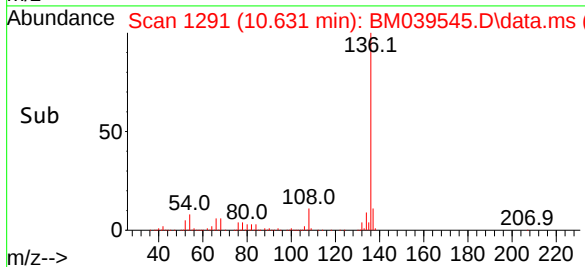
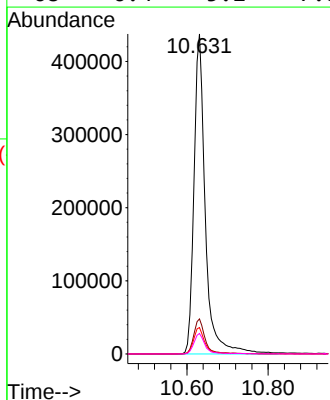
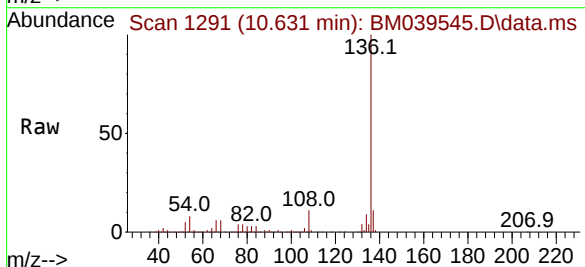
Instrument :
BNA_M
ClientSampleId :
PB152149TB

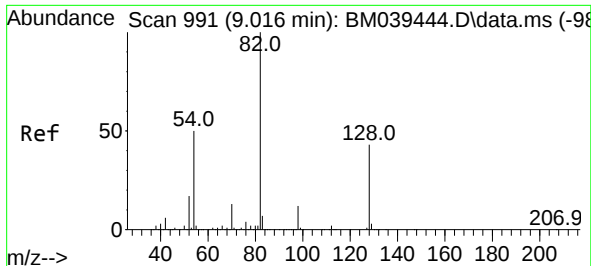
Tgt Ion: 99 Resp: 2672642
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 34.5 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

Tgt Ion: 136 Resp: 853284
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.9 10.3
68 6.4 5.2 7.8

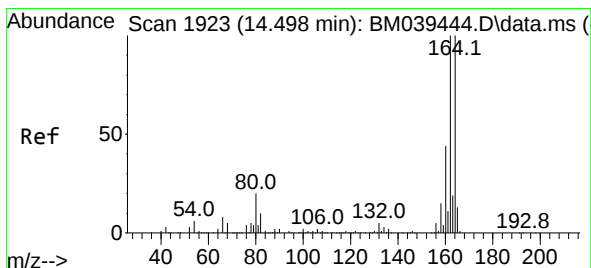
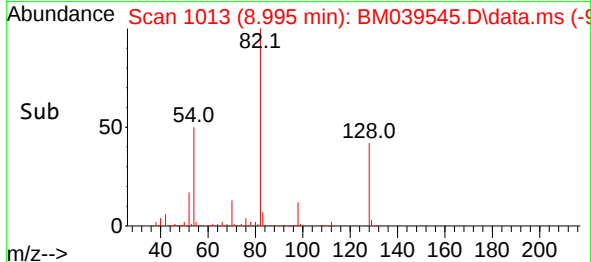
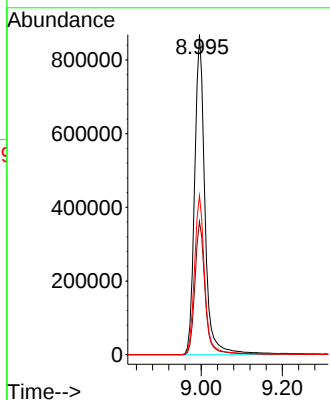
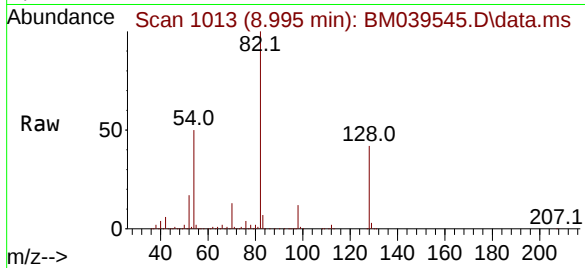




#23
Nitrobenzene-d5
Concen: 88.925 ng
RT: 8.995 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

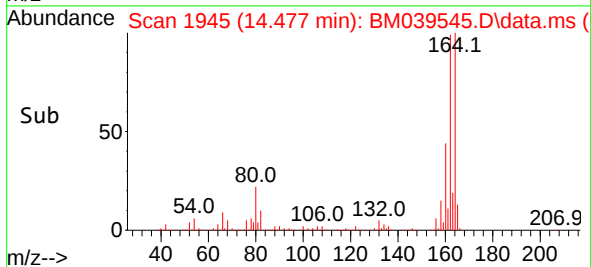
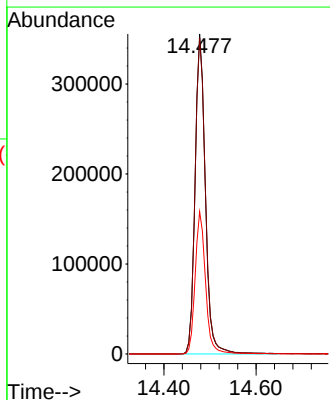
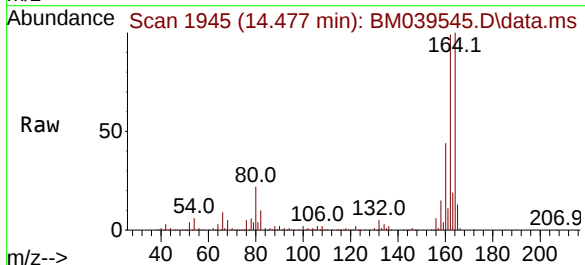
Instrument :
BNA_M
ClientSampleId :
PB152149TB

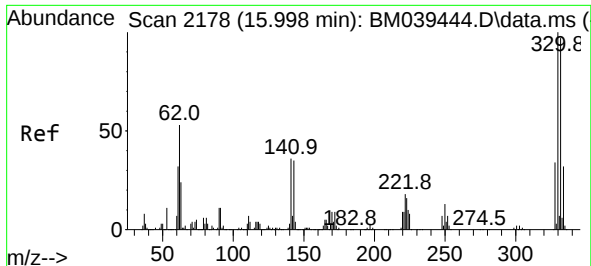
Tgt Ion: 82 Resp: 1549462
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.2
54 49.7 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

Tgt Ion: 164 Resp: 550636
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 44.5 35.0 52.4

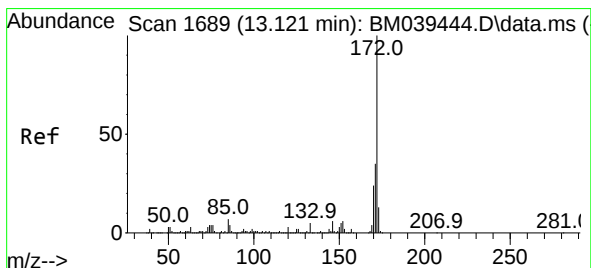
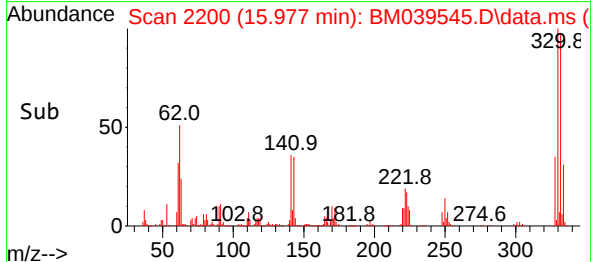
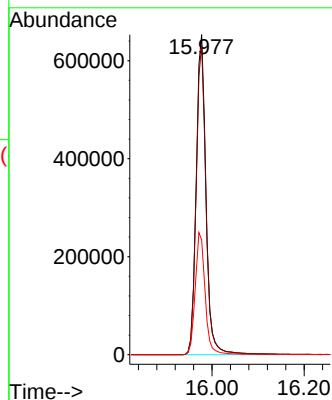
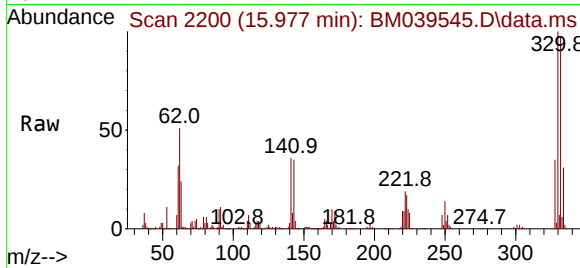




#42
2,4,6-Tribromophenol
Concen: 135.032 ng
RT: 15.977 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

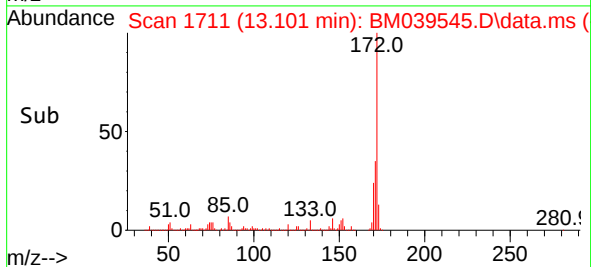
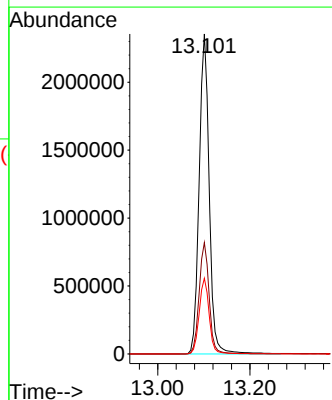
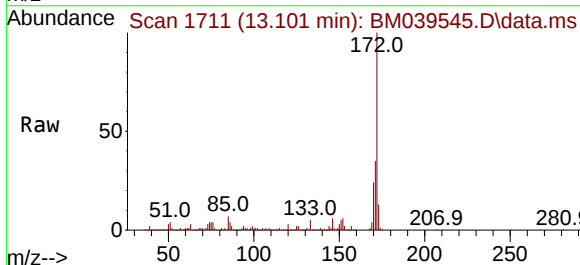
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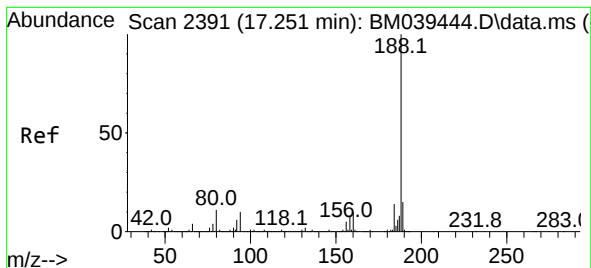
Tgt Ion:330 Resp: 964850
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 38.6 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 89.755 ng
RT: 13.101 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BM039545.D
Acq: 21 Apr 2023 10:39

Tgt Ion:172 Resp: 3571916
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BM039545.D

Acq: 21 Apr 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB152149TB

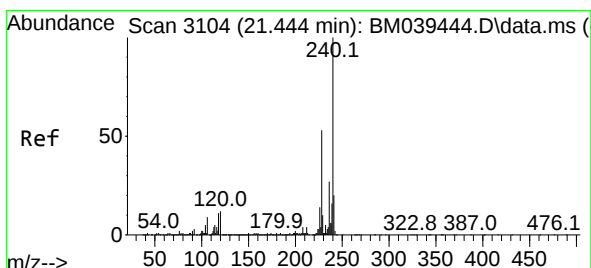
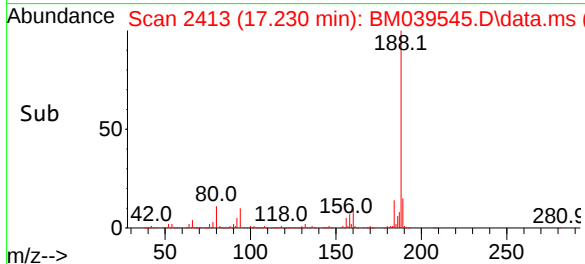
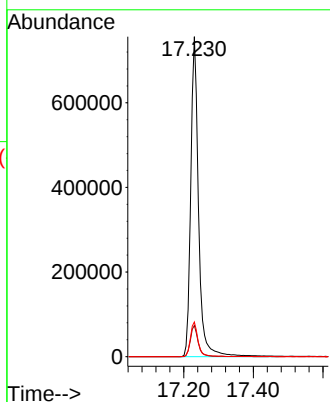
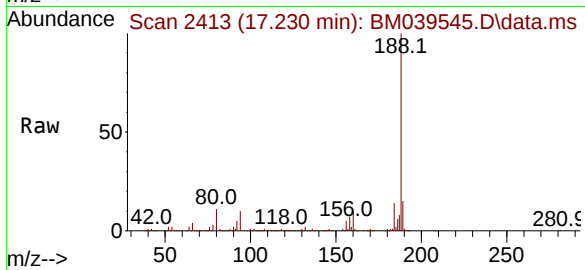
Tgt Ion:188 Resp: 1181716

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.8 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.424 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM039545.D

Acq: 21 Apr 2023 10:39

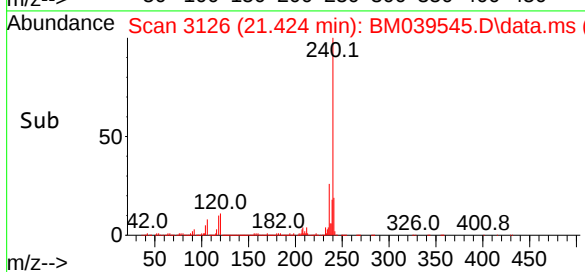
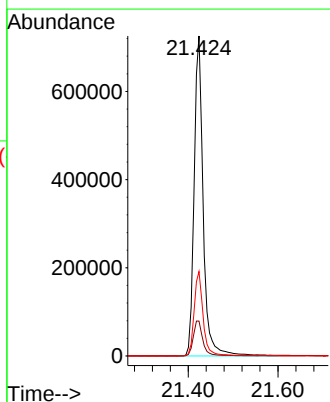
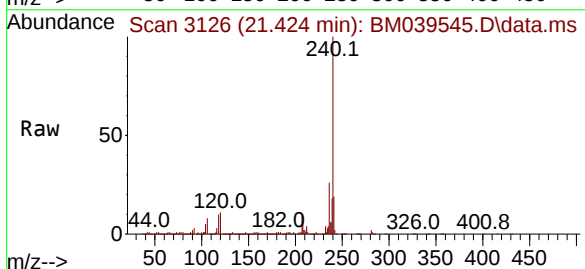
Tgt Ion:240 Resp: 1019195

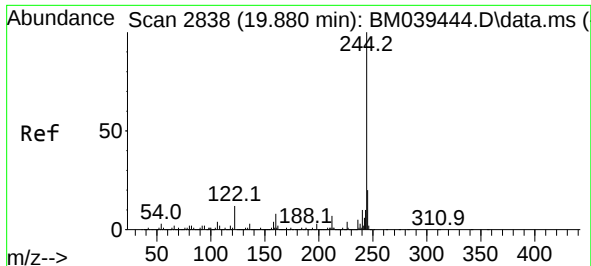
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.4 21.2 31.8

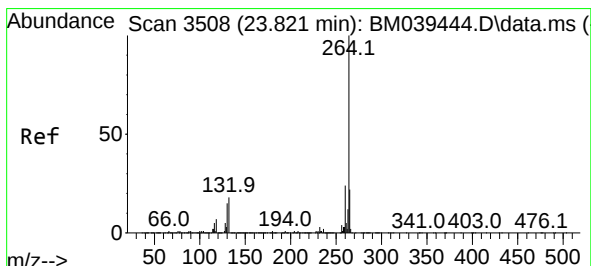
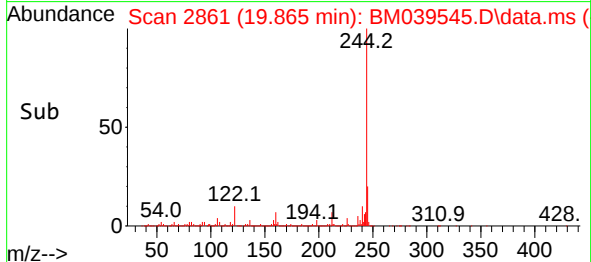
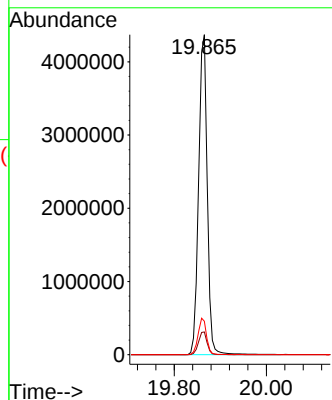
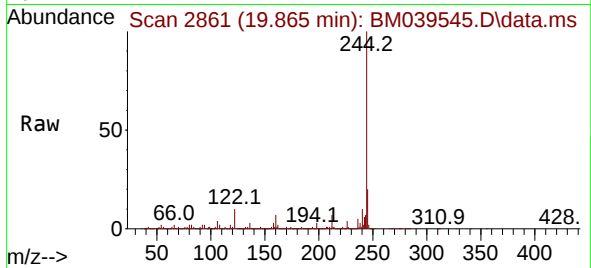




#79
 Terphenyl-d14
 Concen: 100.289 ng
 RT: 19.865 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039545.D
 Acq: 21 Apr 2023 10:39

Instrument :
 BNA_M
 ClientSampleId :
 PB152149TB

Tgt Ion:244 Resp: 5665871
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.5 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 3527
 Delta R.T. -0.006 min
 Lab File: BM039545.D
 Acq: 21 Apr 2023 10:39

Tgt Ion:264 Resp: 1012876
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.7 18.0 27.0

