

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039150.D
 Acq On : 24 Mar 2023 20:22
 Operator : CG/JU
 Sample : 02069-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 API-3-4

Quant Time: Mar 25 01:08:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	219316	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	854656	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	490282	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1005509	20.000	ng	0.00
76) Chrysene-d12	21.515	240	919168	20.000	ng	-0.01
86) Perylene-d12	23.945	264	1023495	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1090775	75.562	ng	0.00
7) Phenol-d6	7.110	99	842642	44.940	ng	0.00
23) Nitrobenzene-d5	9.116	82	1758277	101.056	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	972640	171.488	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	3613323	95.941	ng	0.00
79) Terphenyl-d14	19.963	244	4807631	95.629	ng	0.00

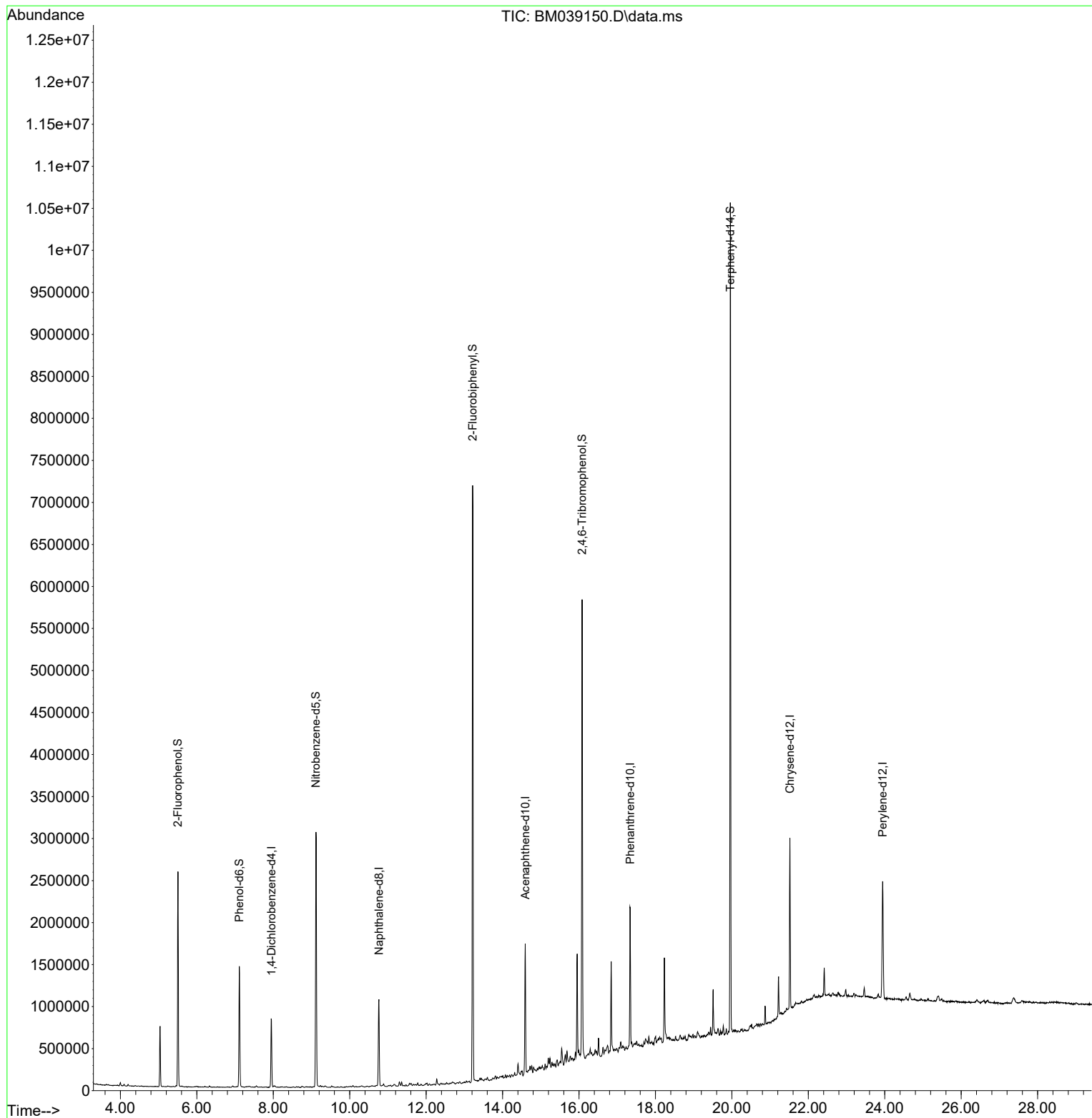
Target Compounds	Qvalue

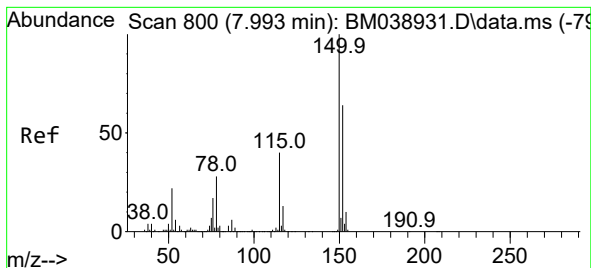
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.952 min Scan# 79

Delta R.T. 0.001 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

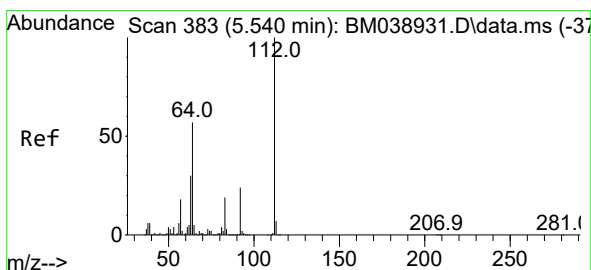
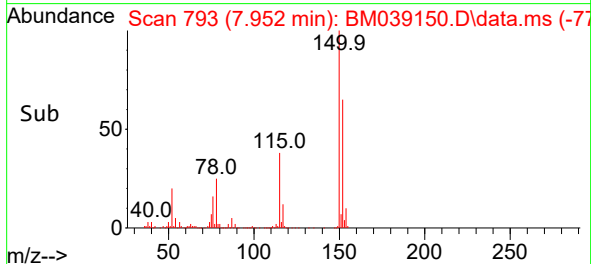
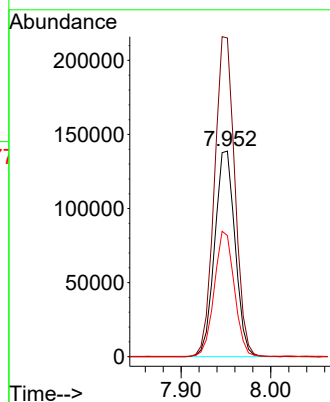
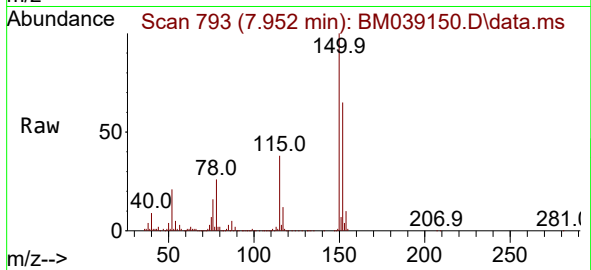
Tgt Ion:152 Resp: 219316

Ion Ratio Lower Upper

152 100

150 155.0 125.1 187.7

115 58.9 49.6 74.4



#5

2-Fluorophenol

Concen: 75.562 ng

RT: 5.505 min Scan# 377

Delta R.T. 0.000 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

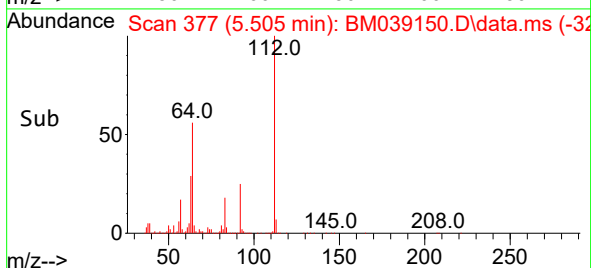
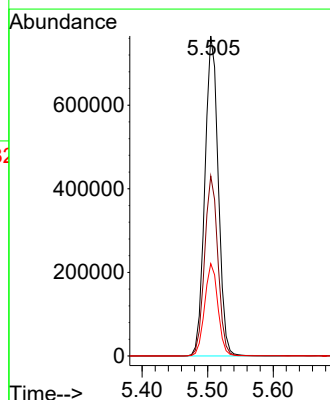
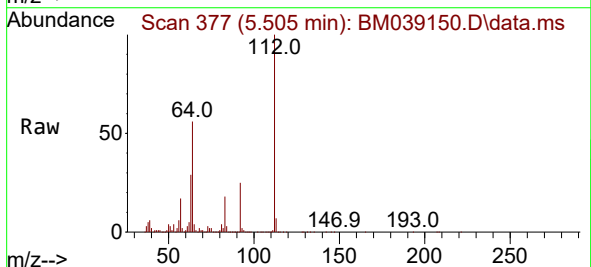
Tgt Ion:112 Resp: 1090775

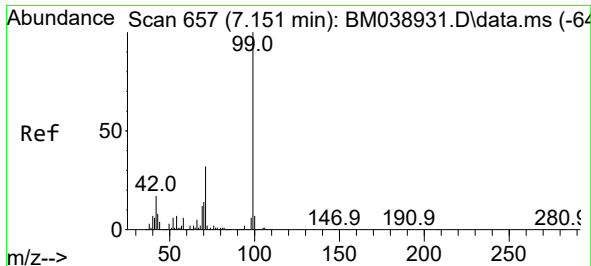
Ion Ratio Lower Upper

112 100

64 56.2 45.9 68.9

63 28.9 23.8 35.8

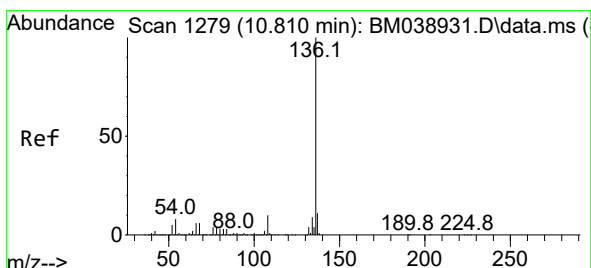
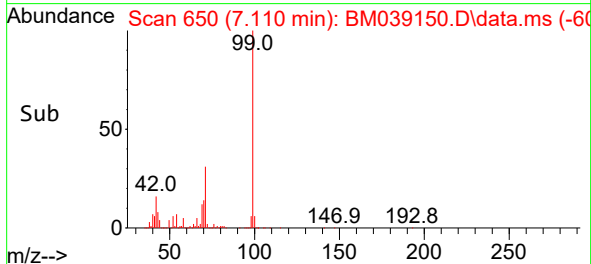
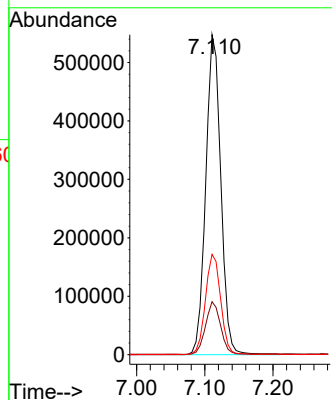
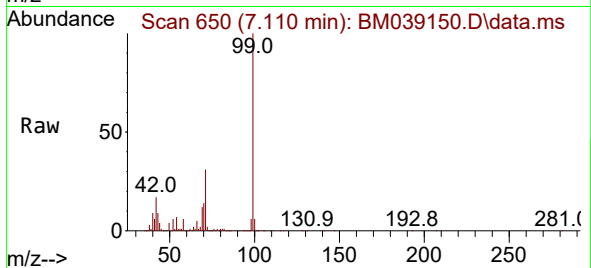




#7
Phenol-d6
Concen: 44.940 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

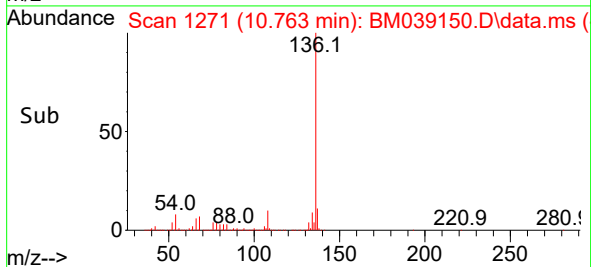
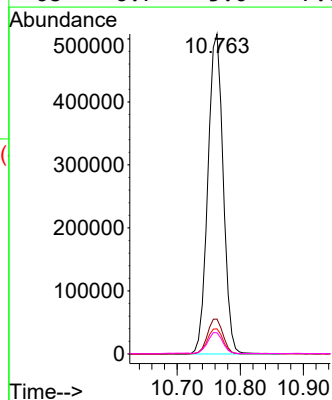
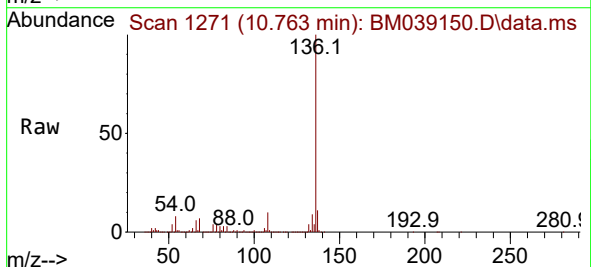
Instrument :
BNA_M
ClientSampleId :
API-3-4

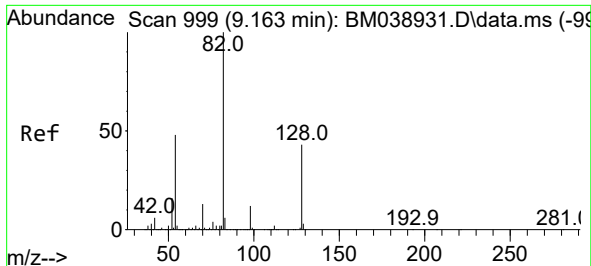
Tgt Ion: 99 Resp: 842642
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion: 136 Resp: 854656
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.3 9.5
68 6.7 5.0 7.6

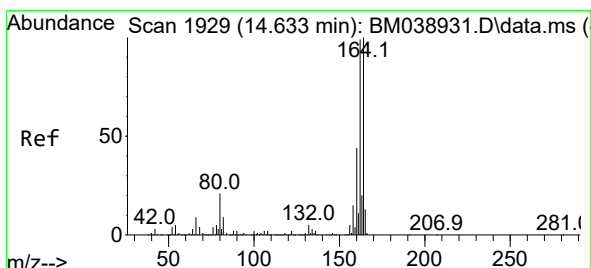
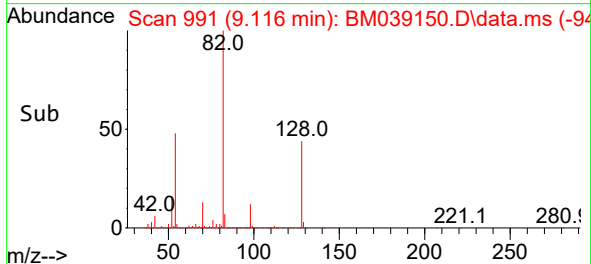
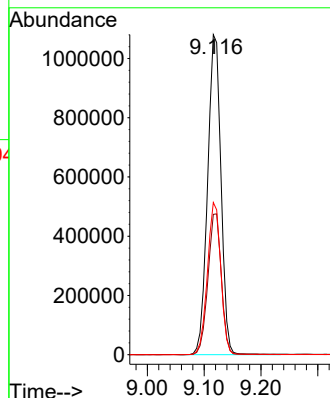
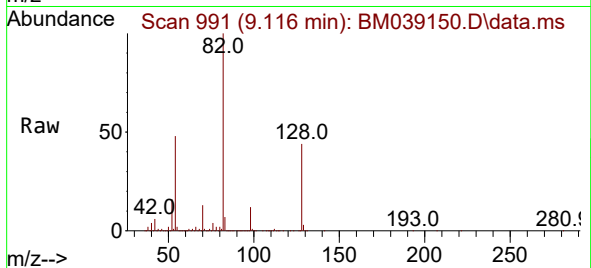




#23
Nitrobenzene-d5
Concen: 101.056 ng
RT: 9.116 min Scan# 991
Delta R.T. -0.005 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

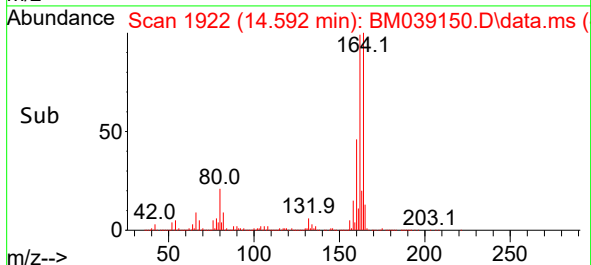
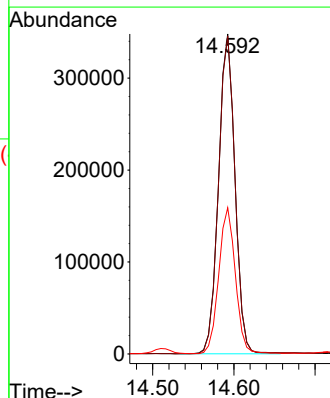
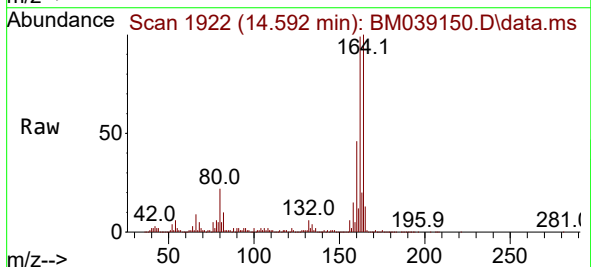
Instrument :
BNA_M
ClientSampleId :
API-3-4

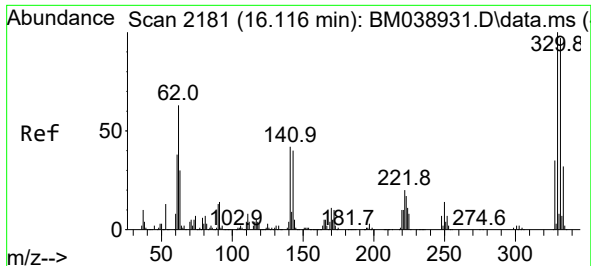
Tgt Ion: 82 Resp: 1758277
Ion Ratio Lower Upper
82 100
128 43.9 34.4 51.6
54 47.5 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:164 Resp: 490282
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 45.7 35.5 53.3

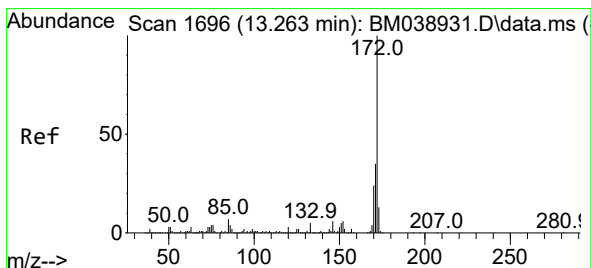
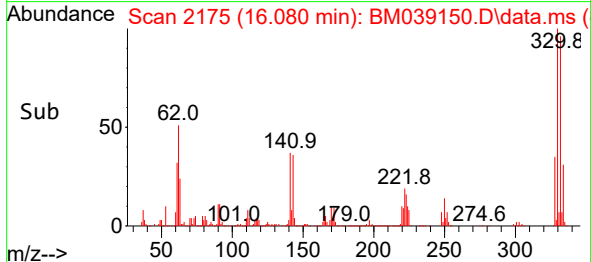
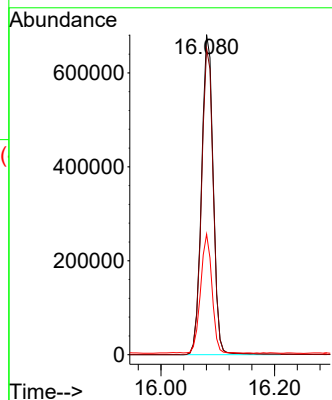
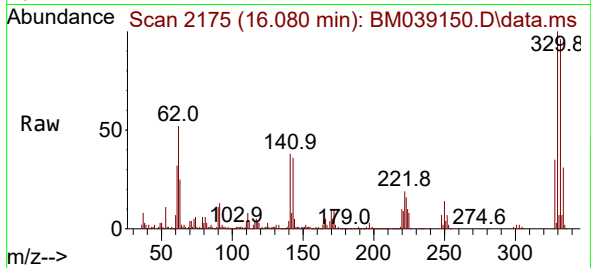




#42
2,4,6-Tribromophenol
Concen: 171.488 ng
RT: 16.080 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

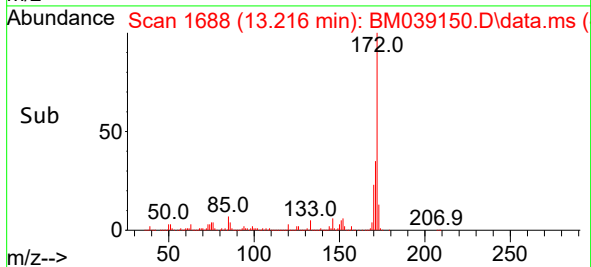
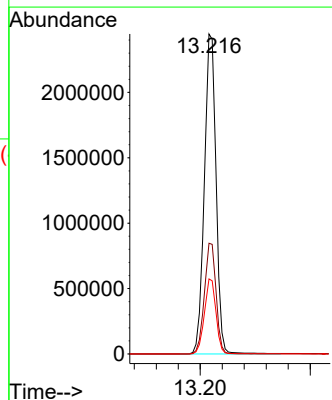
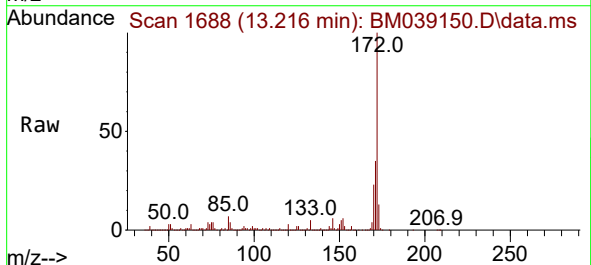
Instrument :
BNA_M
ClientSampleId :
API-3-4

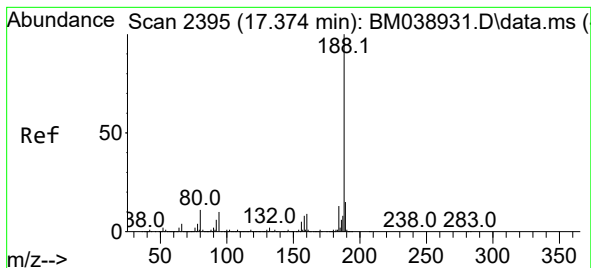
Tgt Ion:330 Resp: 972640
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 36.3 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 95.941 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:172 Resp: 3613323
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

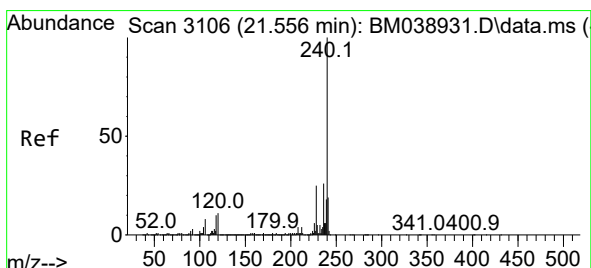
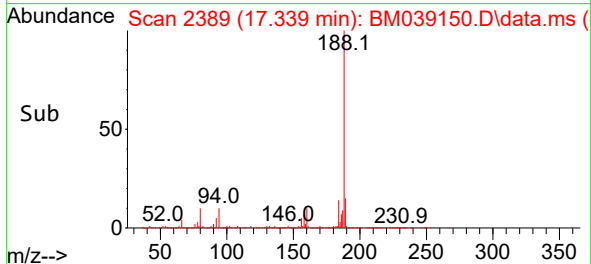
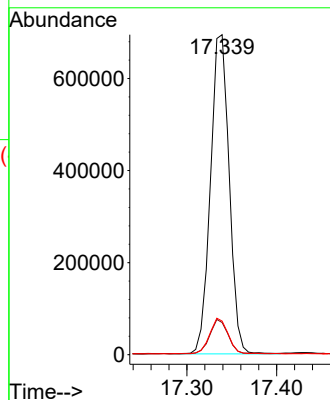
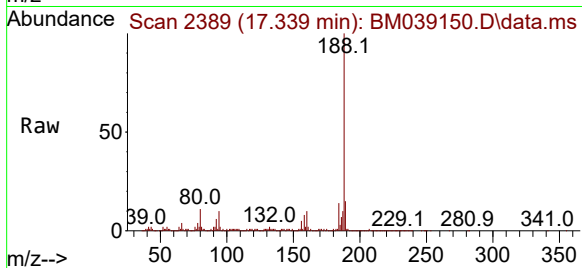
Tgt Ion:188 Resp: 1005509

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

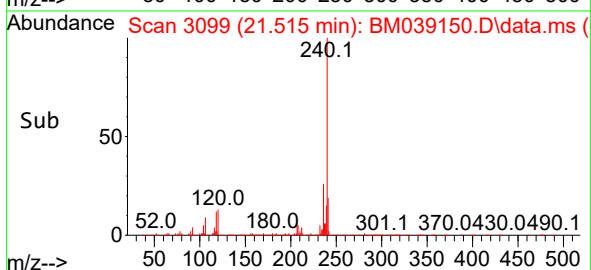
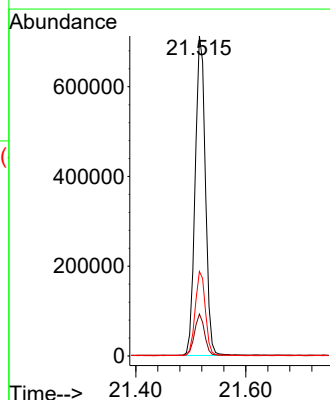
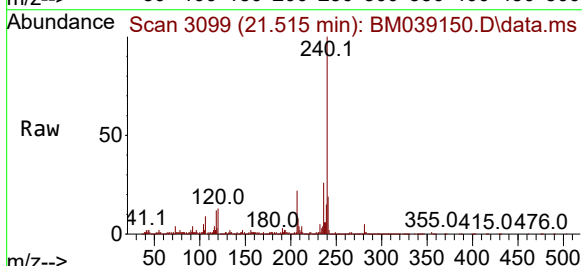
Tgt Ion:240 Resp: 919168

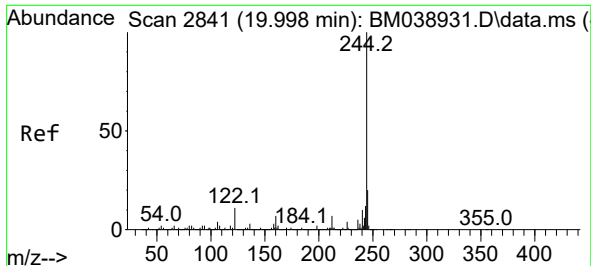
Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

236 26.4 20.8 31.2

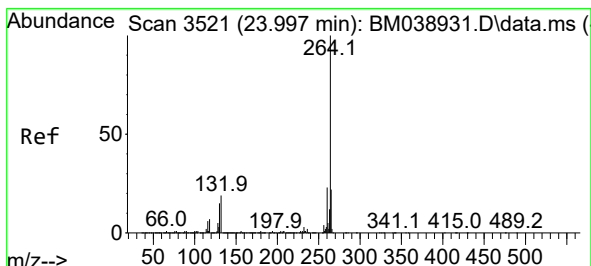
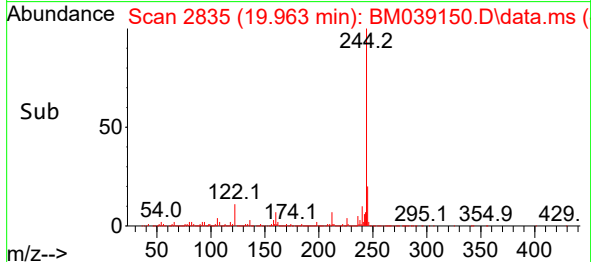
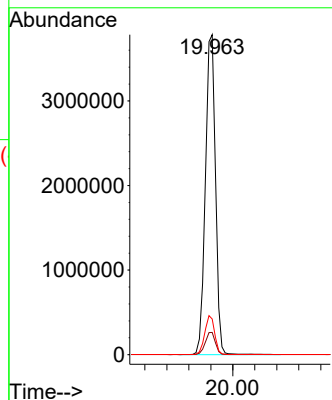
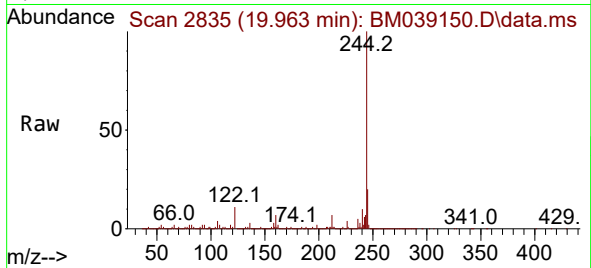




#79
 Terphenyl-d14
 Concen: 95.629 ng
 RT: 19.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039150.D
 Acq: 24 Mar 2023 20:22

Instrument :
 BNA_M
 ClientSampleId :
 API-3-4

Tgt Ion:244 Resp: 4807631
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.945 min Scan# 3512
 Delta R.T. -0.011 min
 Lab File: BM039150.D
 Acq: 24 Mar 2023 20:22

Tgt Ion:264 Resp: 1023495
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 23.3 17.9 26.9

