

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039434.D
 Acq On : 14 Apr 2023 15:17
 Operator : CG/JU
 Sample : 02341-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-2

Quant Time: Apr 14 16:26:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 14:49:28 2023
 Response via : Initial Calibration

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

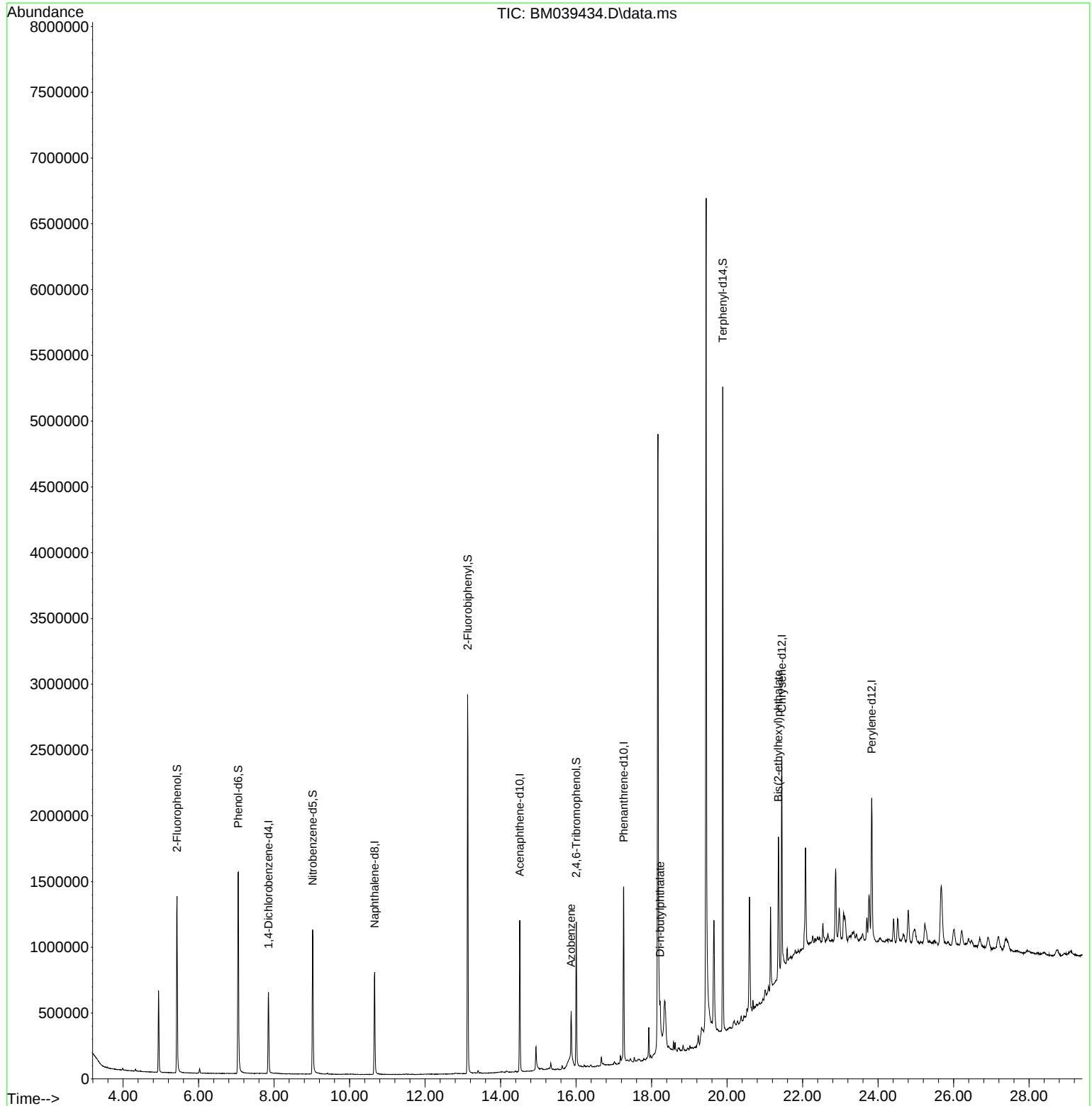
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	171603	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	670939	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	394576	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	823054	20.000	ng	0.00
76) Chrysene-d12	21.450	240	781612	20.000	ng	0.00
86) Perylene-d12	23.833	264	845075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	608260	53.403	ng	0.00
7) Phenol-d6	7.051	99	1001460	67.978	ng	0.00
23) Nitrobenzene-d5	9.022	82	697873	50.553	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	198917	39.714	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	1481524	50.873	ng	0.00
79) Terphenyl-d14	19.886	244	2329575	55.066	ng	0.00
Target Compounds						
63) Azobenzene	15.868	77	93388	3.045	ng	Qvalue # 1
74) Di-n-butylphthalate	18.227	149	140017	2.635	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	79114	2.101	ng	99

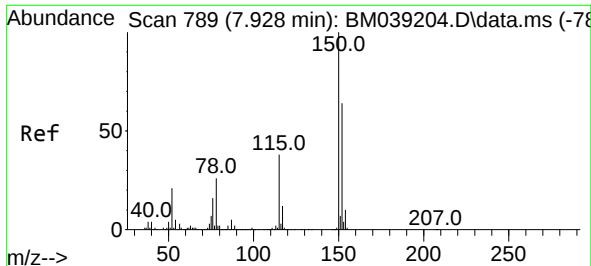
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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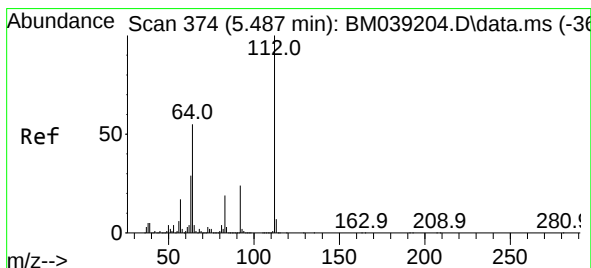
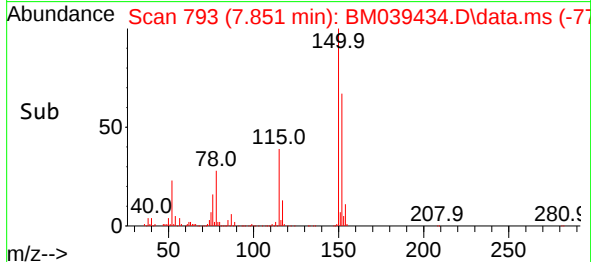
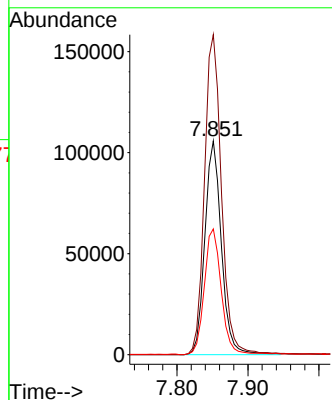
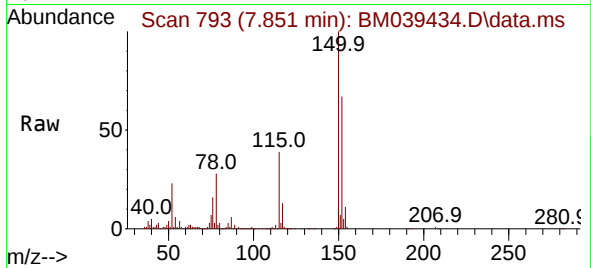




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

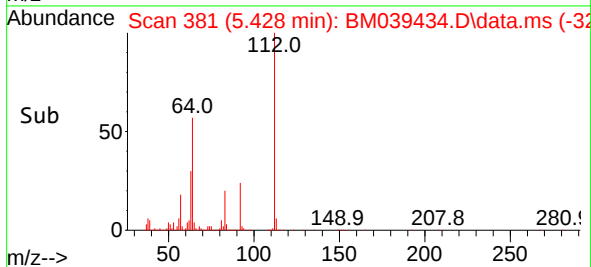
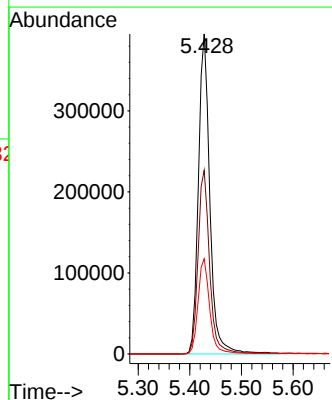
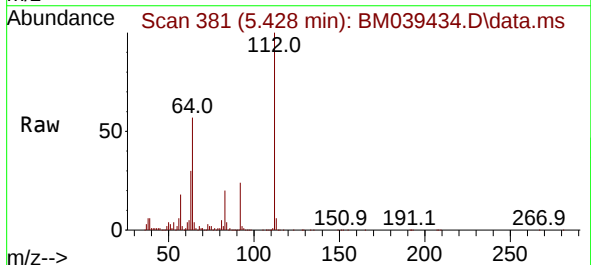
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-2

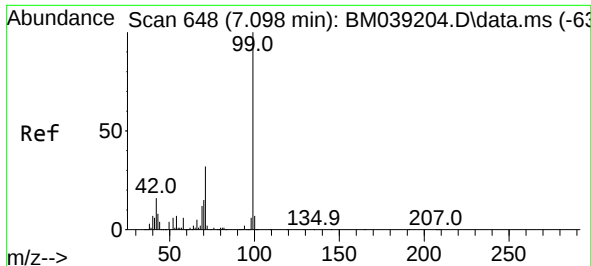
Tgt Ion:152 Resp: 171603
Ion Ratio Lower Upper
152 100
150 149.7 125.5 188.3
115 58.8 48.1 72.1



#5
2-Fluorophenol
Concen: 53.403 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

Tgt Ion:112 Resp: 608260
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 29.7 23.0 34.6

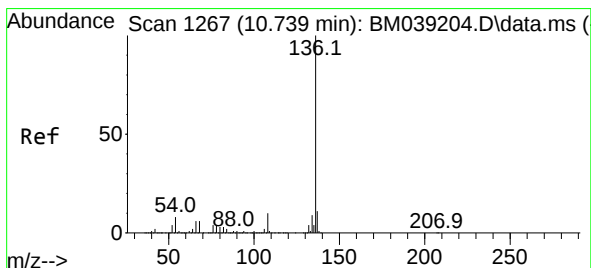
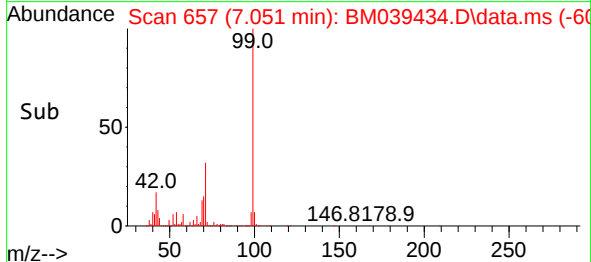
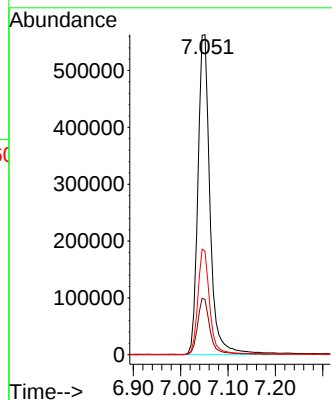
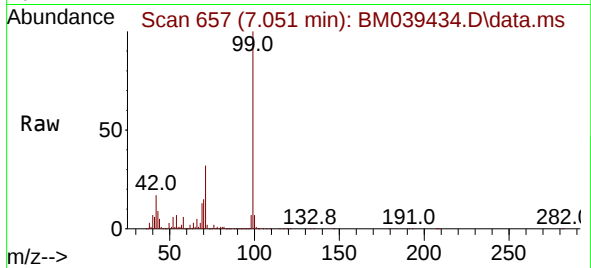




#7
Phenol-d6
Concen: 67.978 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

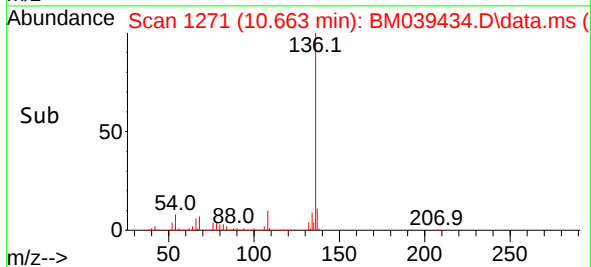
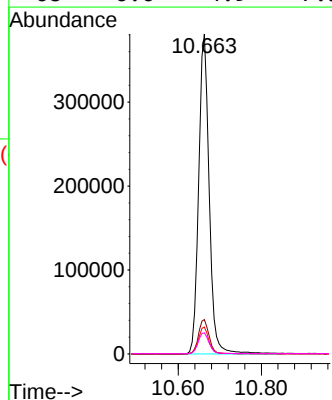
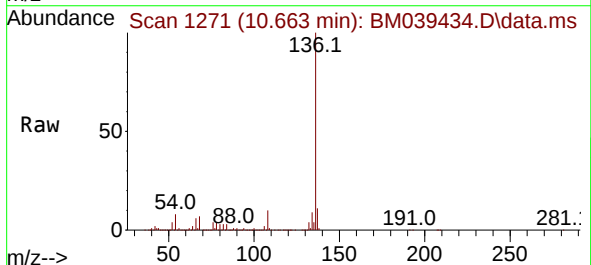
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-2

Tgt Ion: 99 Resp: 1001460
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 32.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

Tgt Ion: 136 Resp: 670939
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.4 6.2 9.4
68 6.6 4.9 7.3

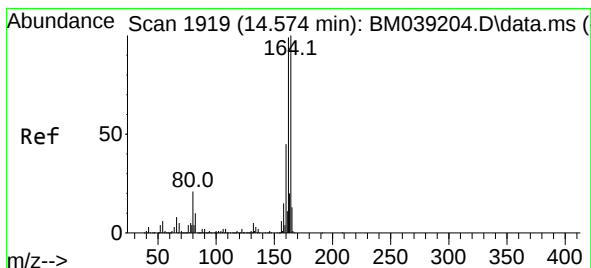
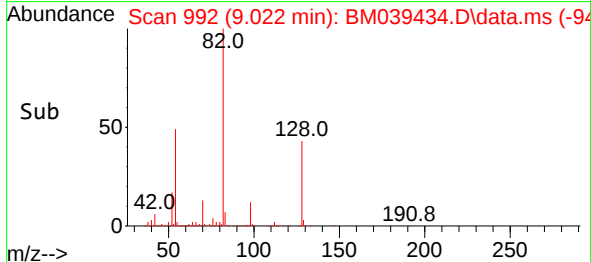
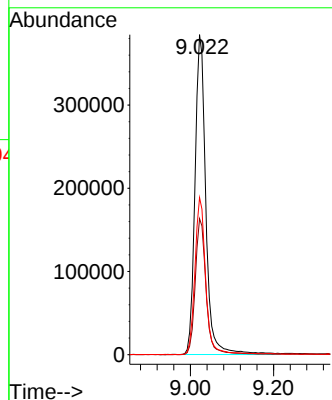
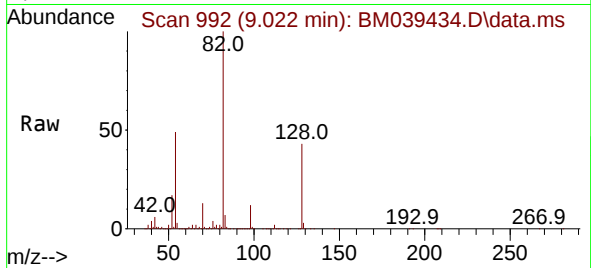




#23
Nitrobenzene-d5
Concen: 50.553 ng
RT: 9.022 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

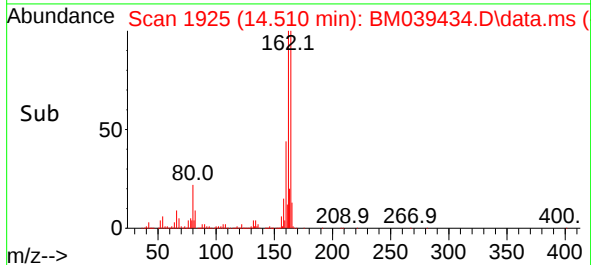
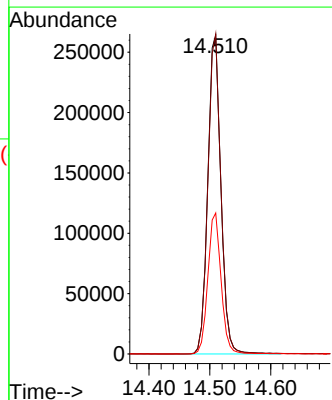
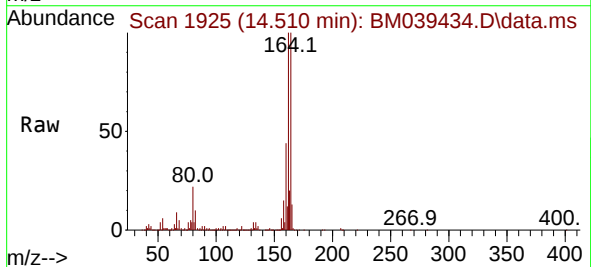
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-2

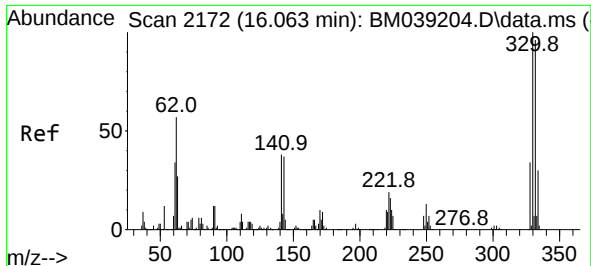
Tgt Ion: 82 Resp: 697873
Ion Ratio Lower Upper
82 100
128 42.5 35.1 52.7
54 49.1 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

Tgt Ion:164 Resp: 394576
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 44.3 35.8 53.8

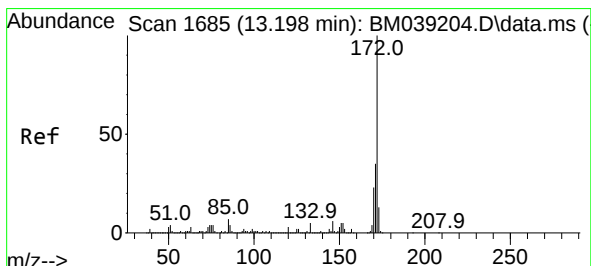
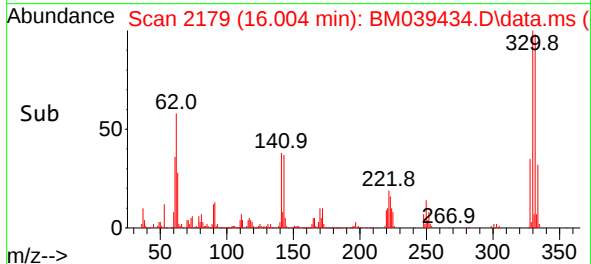
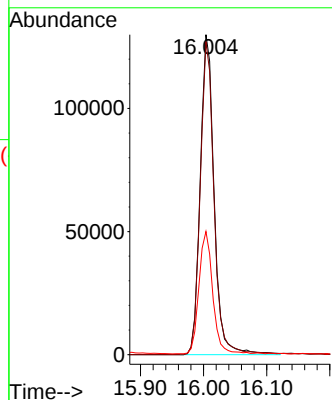
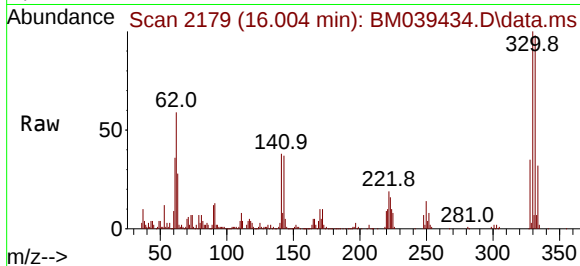




#42
2,4,6-Tribromophenol
Concen: 39.714 ng
RT: 16.004 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

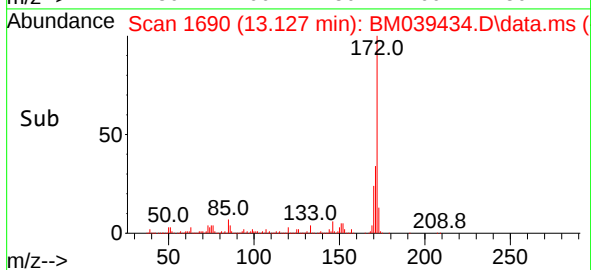
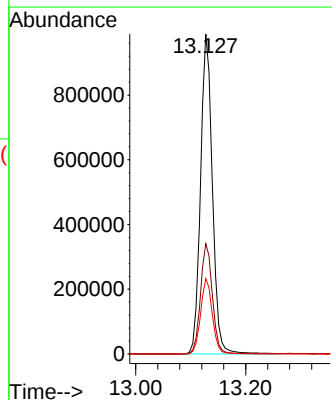
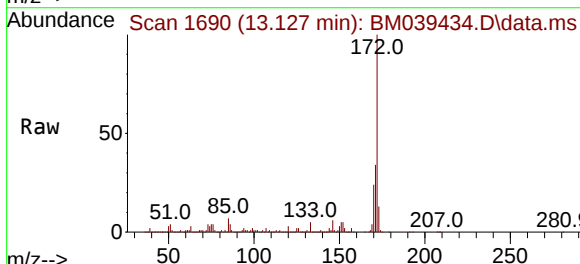
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-2

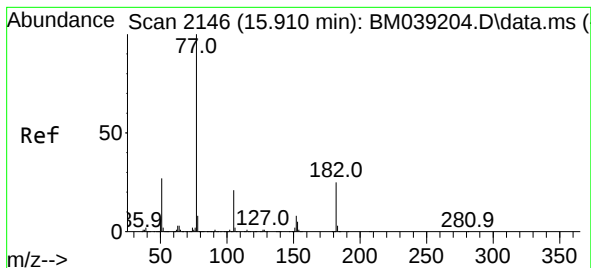
Tgt Ion:330 Resp: 198917
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 37.7 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 50.873 ng
RT: 13.127 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039434.D
Acq: 14 Apr 2023 15:17

Tgt Ion:172 Resp: 1481524
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.5 18.7 28.1





#63

Azobenzene

Concen: 3.045 ng

RT: 15.868 min Scan# 2146

Delta R.T. 0.023 min

Lab File: BM039434.D

Acq: 14 Apr 2023 15:17

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-2

Tgt Ion: 77 Resp: 93388

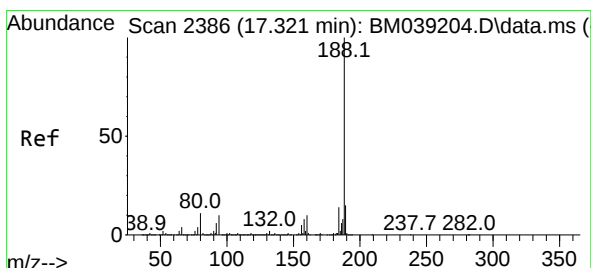
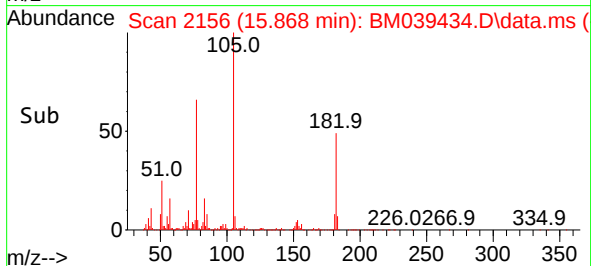
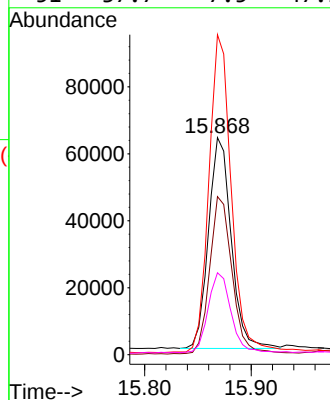
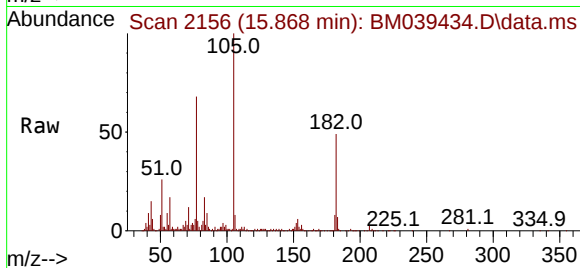
Ion Ratio Lower Upper

77 100

182 72.8 4.8 44.8#

105 147.4 1.4 41.4#

51 37.7 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.262 min Scan# 2393

Delta R.T. -0.000 min

Lab File: BM039434.D

Acq: 14 Apr 2023 15:17

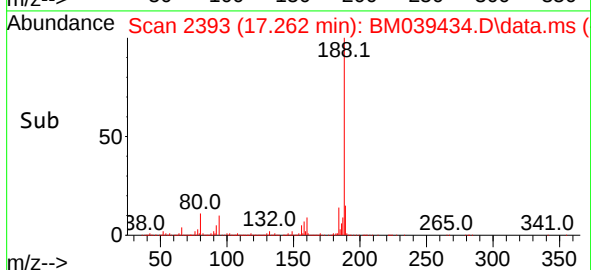
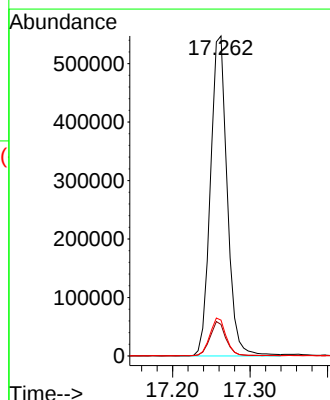
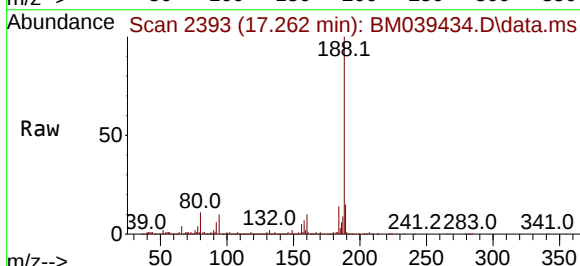
Tgt Ion: 188 Resp: 823054

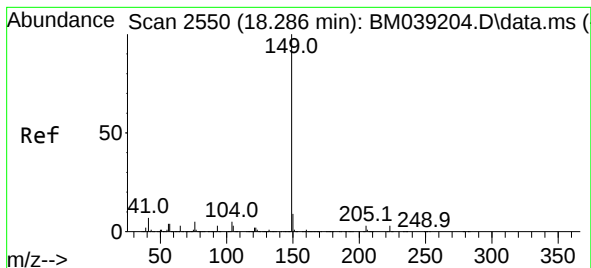
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 11.2 8.9 13.3





#74

Di-n-butylphthalate

Concen: 2.635 ng

RT: 18.227 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039434.D

Acq: 14 Apr 2023 15:17

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-2

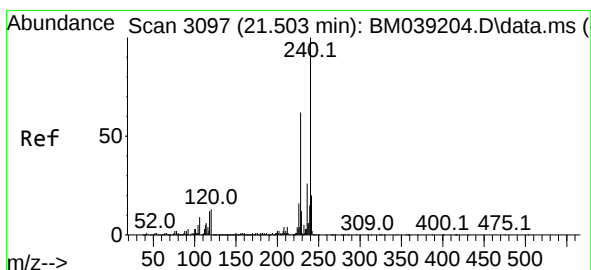
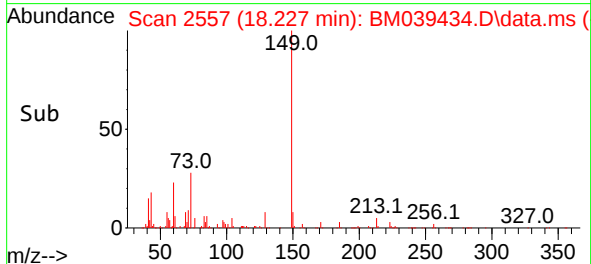
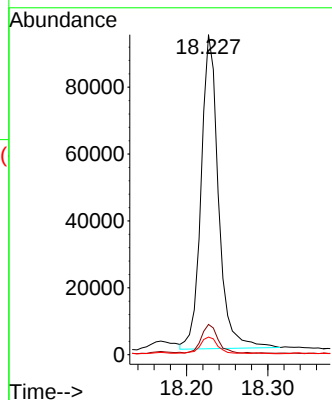
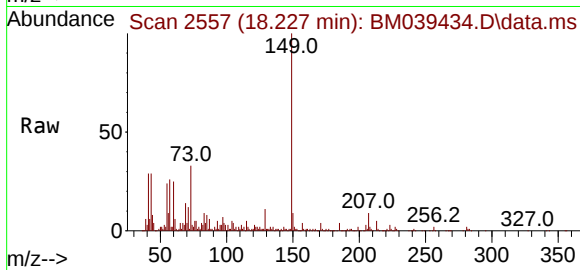
Tgt Ion:149 Resp: 140017

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.5 4.1 6.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BM039434.D

Acq: 14 Apr 2023 15:17

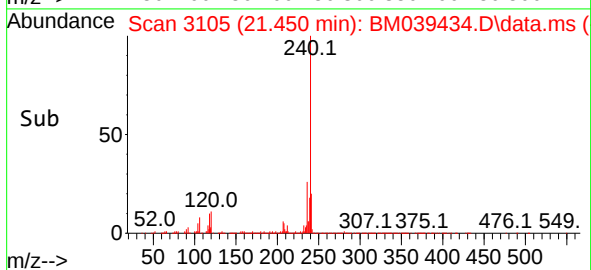
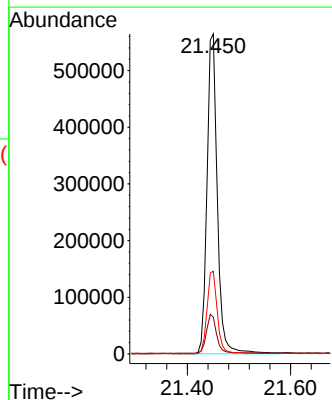
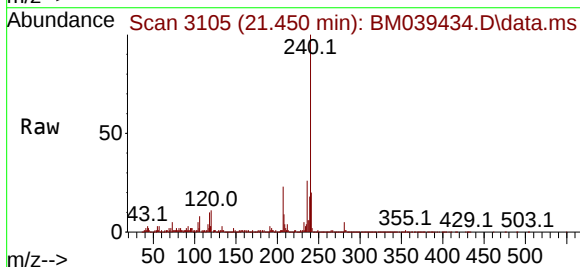
Tgt Ion:240 Resp: 781612

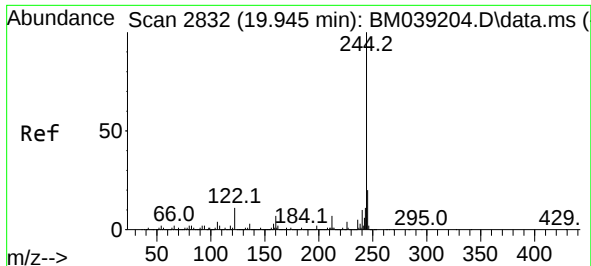
Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.2

236 25.8 20.9 31.3

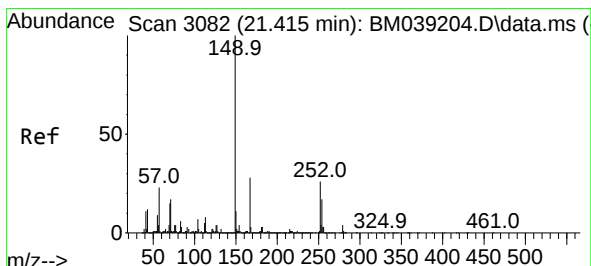
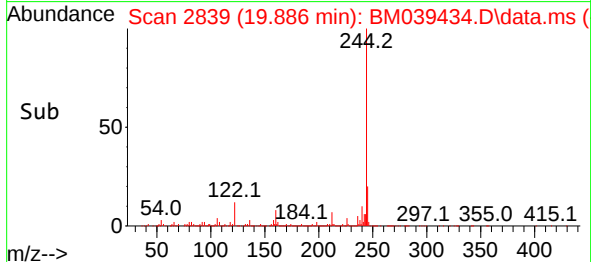
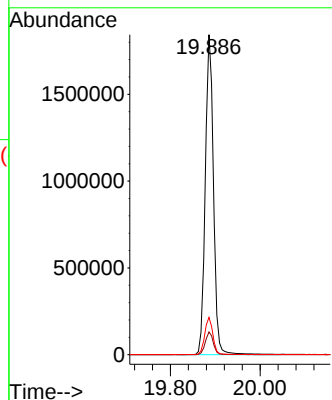
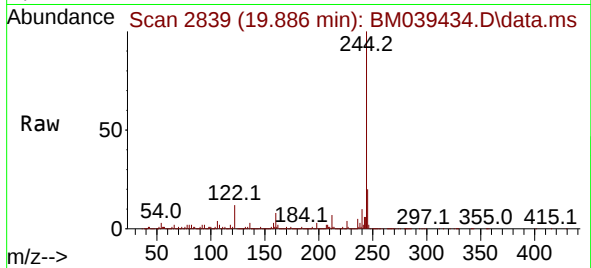




#79
 Terphenyl-d14
 Concen: 55.066 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039434.D
 Acq: 14 Apr 2023 15:17

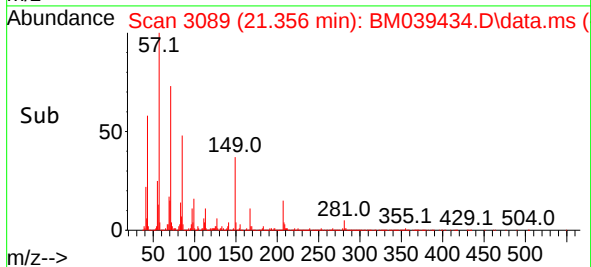
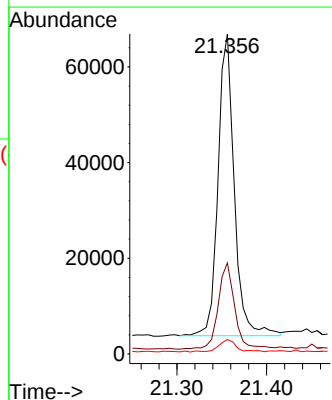
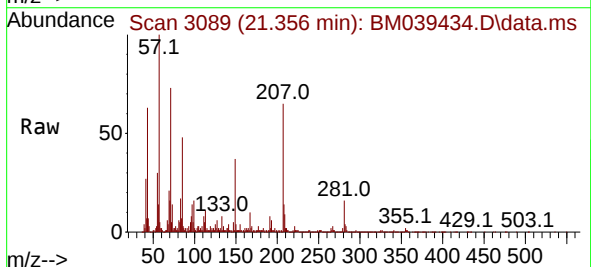
Instrument :
 BNA_M
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 PH1-BOT-2

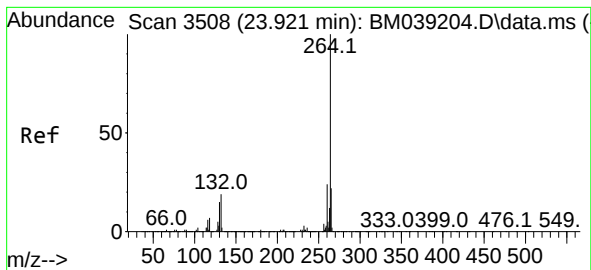
Tgt Ion:244 Resp: 2329575
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.7 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.101 ng
 RT: 21.356 min Scan# 3089
 Delta R.T. -0.000 min
 Lab File: BM039434.D
 Acq: 14 Apr 2023 15:17

Tgt Ion:149 Resp: 79114
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.3 33.5
 279 4.5 3.4 5.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM039434.D
 Acq: 14 Apr 2023 15:17

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-2

Tgt Ion:264 Resp: 845075
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.4 18.1 27.1

