

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041432.D
 Acq On : 17 Aug 2023 11:43
 Operator : MA/JU
 Sample : PB154837BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154837BL

Quant Time: Aug 17 18:08:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	149290	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	560262	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	340292	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	739162	20.000	ng	0.00
76) Chrysene-d12	21.391	240	629614	20.000	ng	0.00
86) Perylene-d12	23.750	264	587545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	864557	96.339	ng	0.00
7) Phenol-d6	6.945	99	1074700	88.194	ng	0.00
23) Nitrobenzene-d5	8.939	82	1036010	88.271	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	415736	76.985	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2263802	89.145	ng	0.00
79) Terphenyl-d14	19.827	244	3602582	99.570	ng	0.00

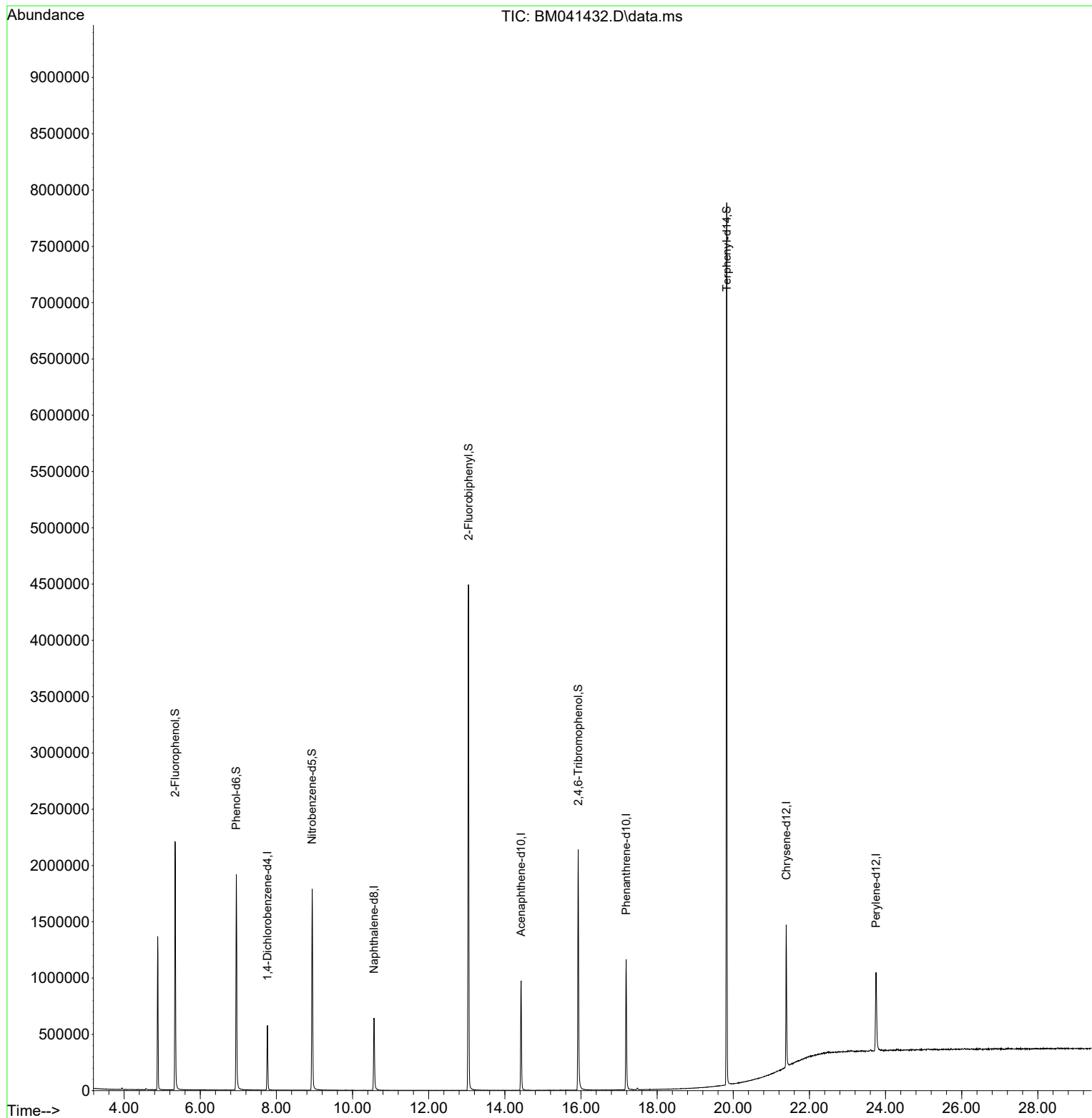
Target Compounds	Qvalue

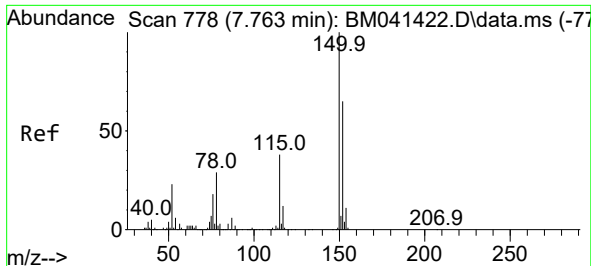
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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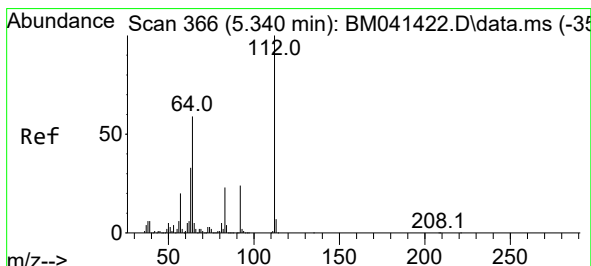
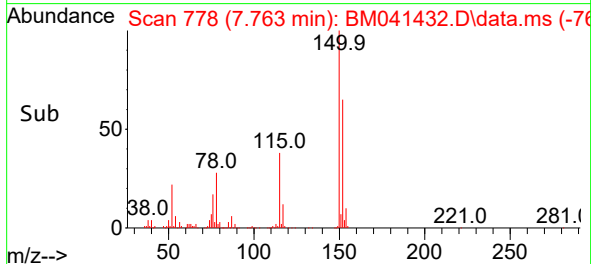
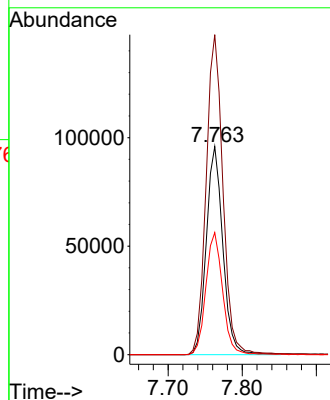
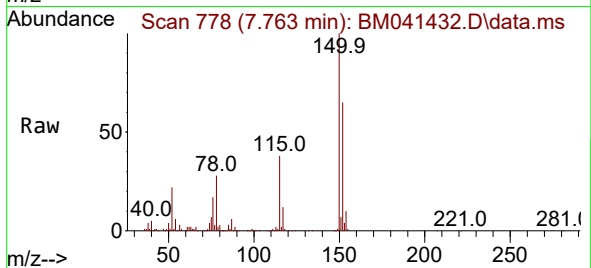




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

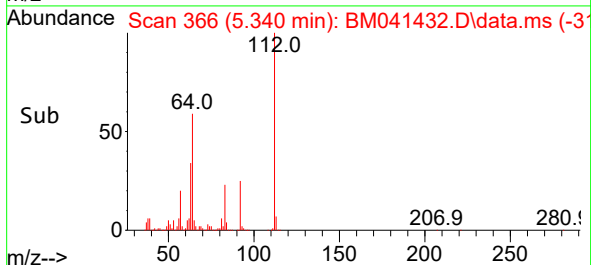
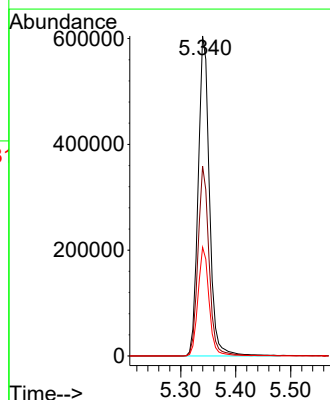
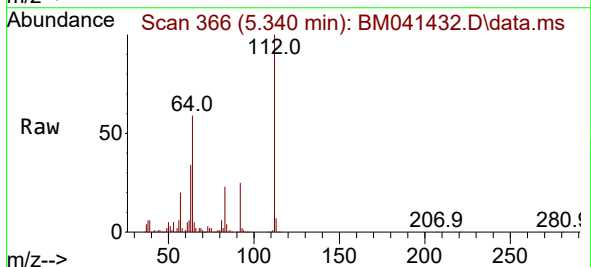
Instrument :
BNA_M
ClientSampleId :
PB154837BL

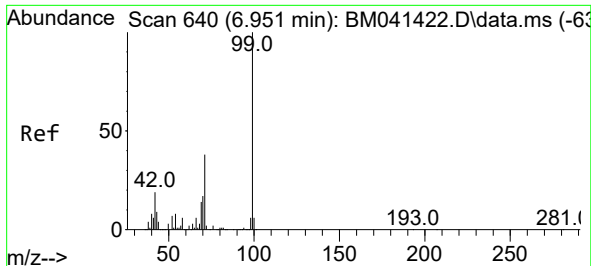
Tgt Ion:152 Resp: 149290
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 58.6 46.6 70.0



#5
2-Fluorophenol
Concen: 96.339 ng
RT: 5.340 min Scan# 366
Delta R.T. -0.000 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

Tgt Ion:112 Resp: 864557
Ion Ratio Lower Upper
112 100
64 59.4 47.3 70.9
63 33.9 26.5 39.7

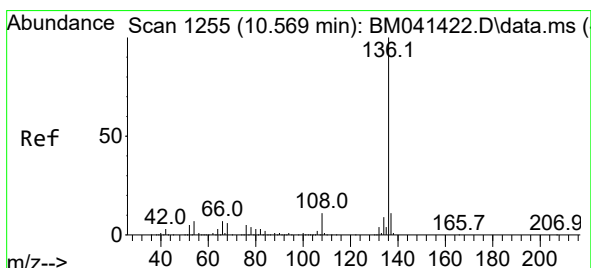
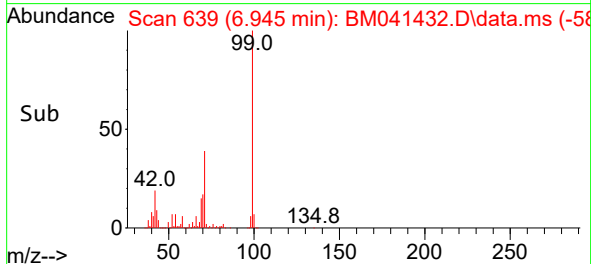
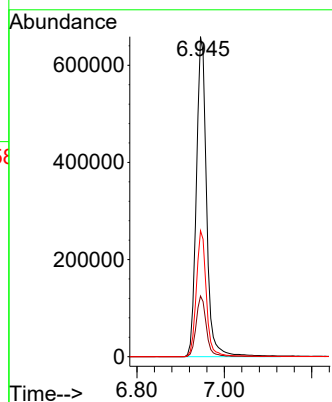
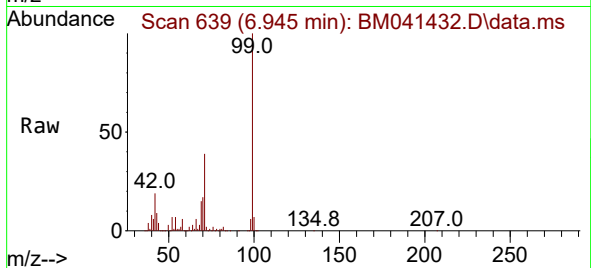




#7
Phenol-d6
Concen: 88.194 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

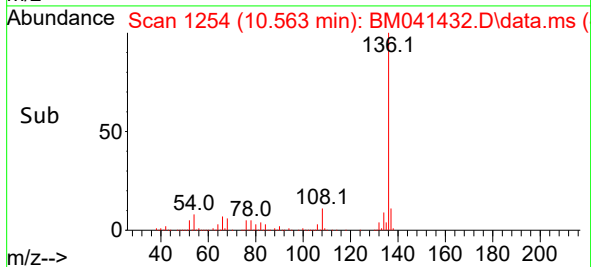
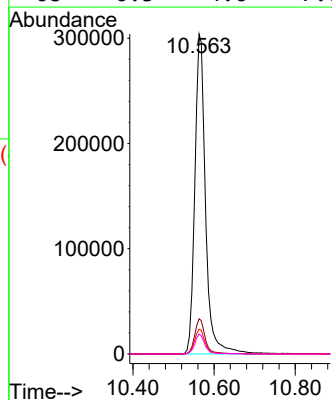
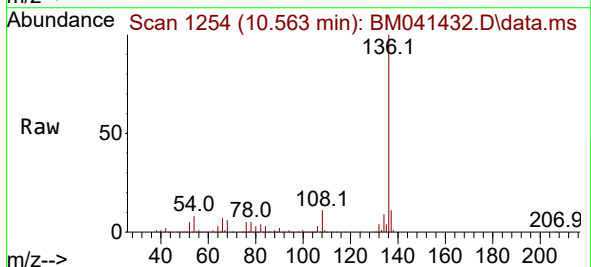
Instrument :
BNA_M
ClientSampleId :
PB154837BL

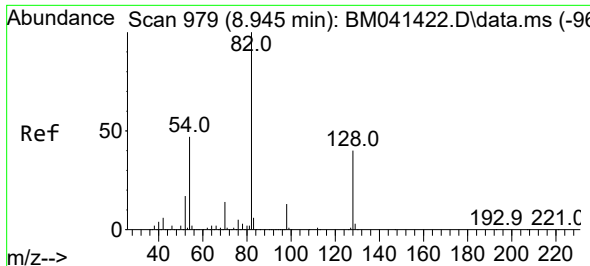
Tgt Ion: 99 Resp: 1074700
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 39.4 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 136 Resp: 560262
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.7 5.7 8.5
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 88.271 ng

RT: 8.939 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041432.D

Acq: 17 Aug 2023 11:43

Instrument :

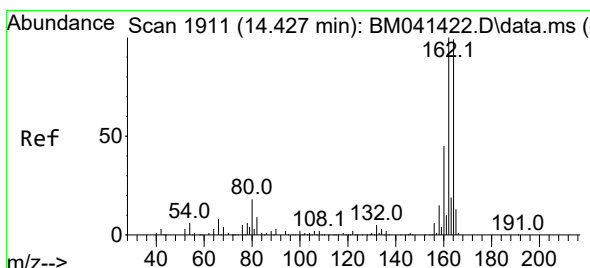
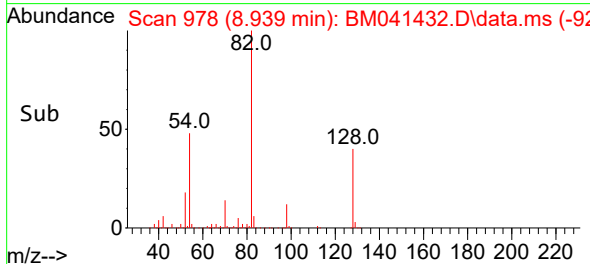
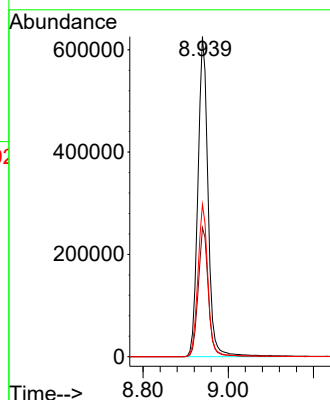
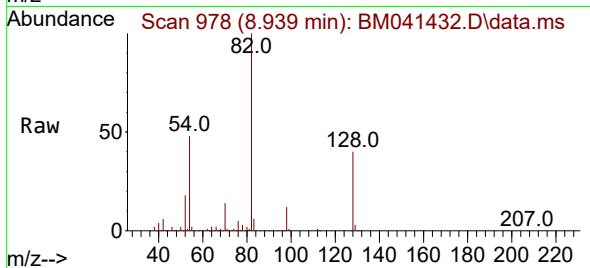
BNA_M

ClientSampleId :

PB154837BL

Tgt Ion: 82 Resp: 1036010

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.4
54	47.6	37.5	56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

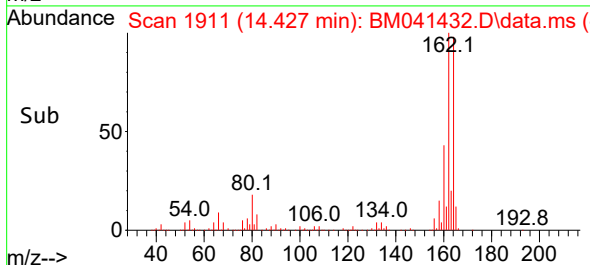
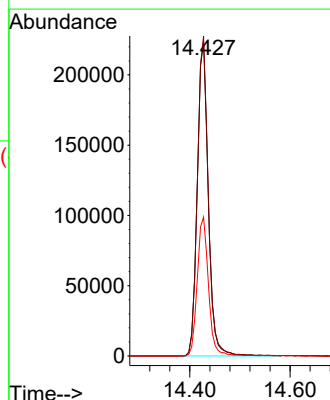
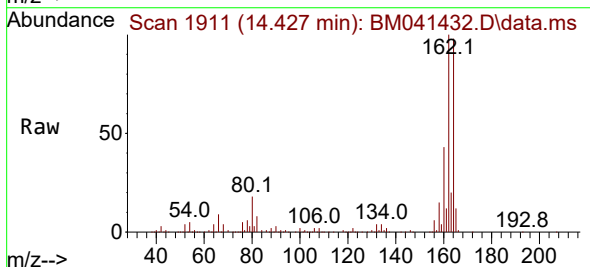
Delta R.T. -0.000 min

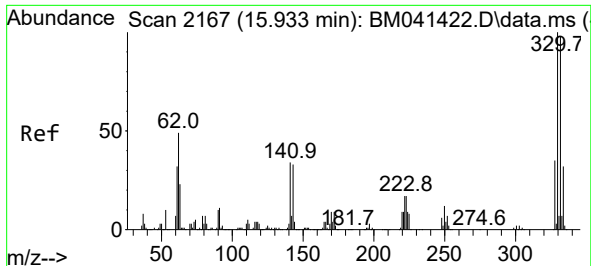
Lab File: BM041432.D

Acq: 17 Aug 2023 11:43

Tgt Ion:164 Resp: 340292

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.4	120.6
160	44.3	35.9	53.9

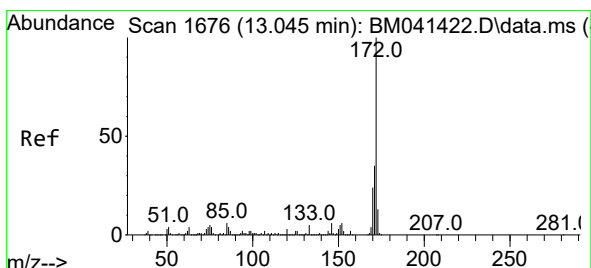
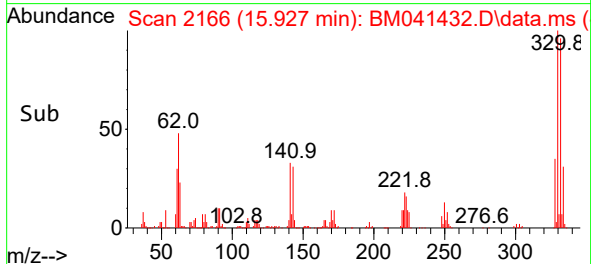
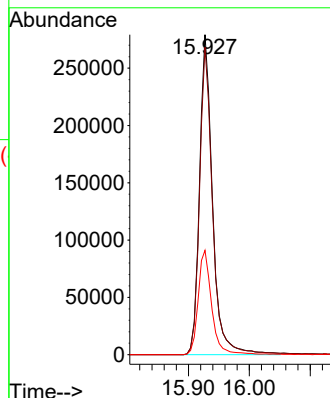
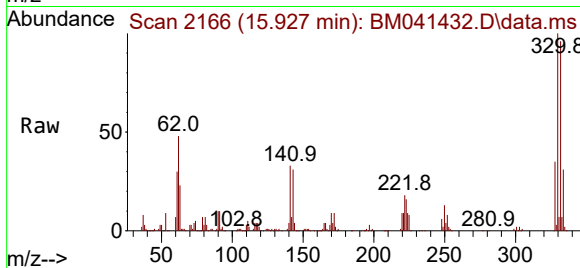




#42
2,4,6-Tribromophenol
Concen: 76.985 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

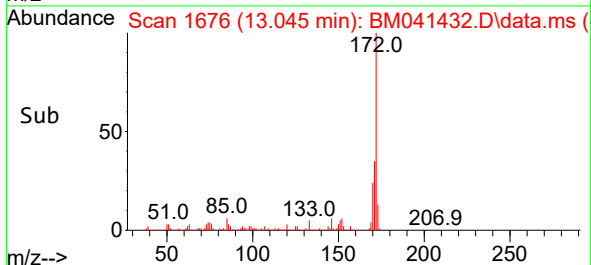
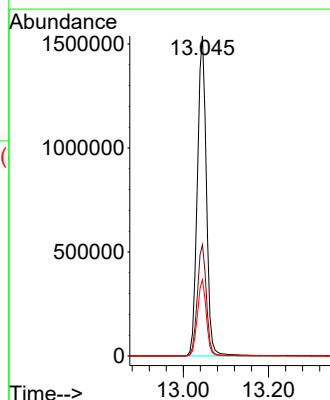
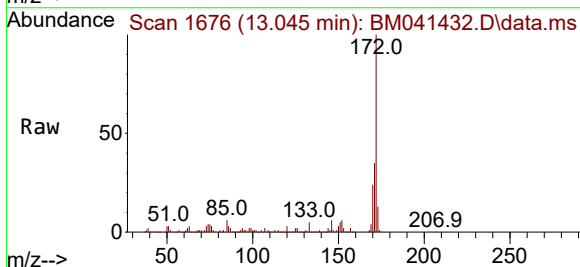
Instrument :
BNA_M
ClientSampleId :
PB154837BL

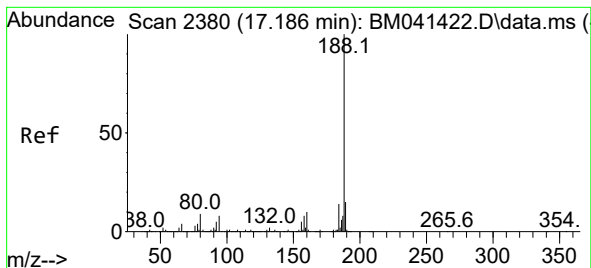
Tgt Ion:330 Resp: 415736
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 34.0 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 89.145 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM041432.D
Acq: 17 Aug 2023 11:43

Tgt Ion:172 Resp: 2263802
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041432.D

Acq: 17 Aug 2023 11:43

Instrument :

BNA_M

ClientSampleId :

PB154837BL

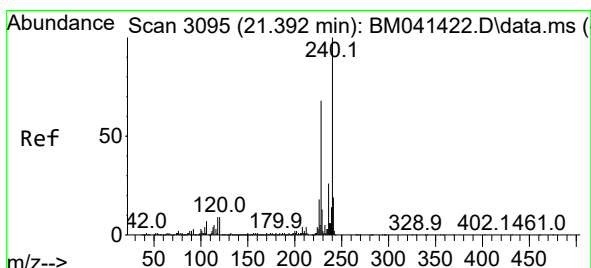
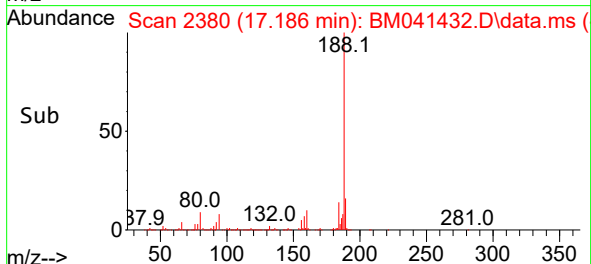
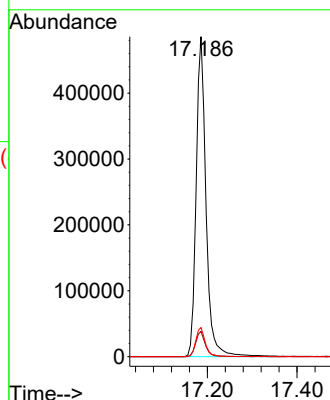
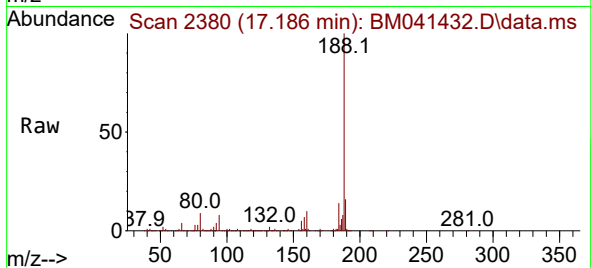
Tgt Ion:188 Resp: 739162

Ion Ratio Lower Upper

188 100

94 7.9 6.6 9.8

80 9.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.391 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM041432.D

Acq: 17 Aug 2023 11:43

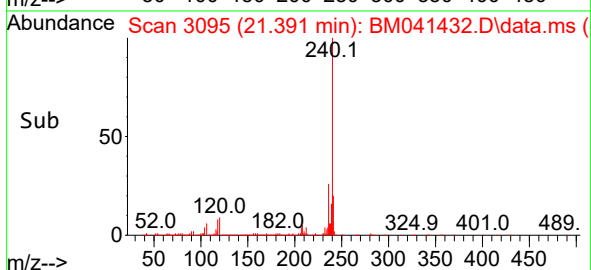
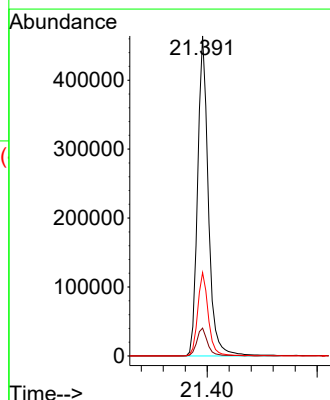
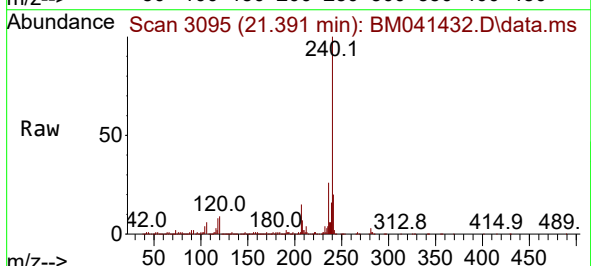
Tgt Ion:240 Resp: 629614

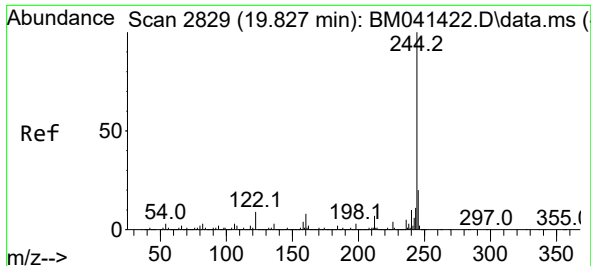
Ion Ratio Lower Upper

240 100

120 8.7 7.4 11.2

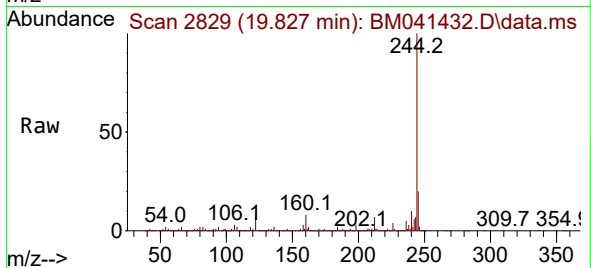
236 26.0 20.8 31.2



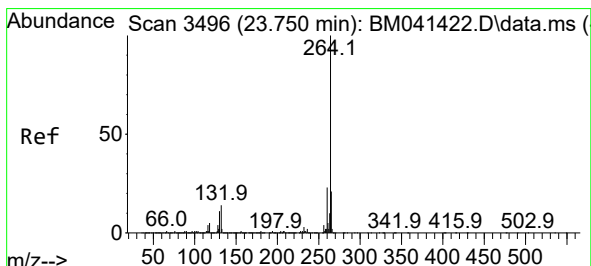
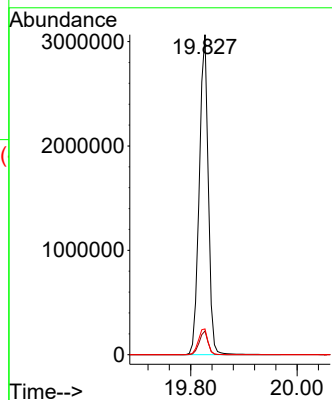
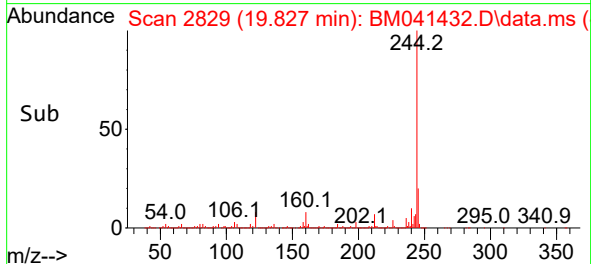


#79
 Terphenyl-d14
 Concen: 99.570 ng
 RT: 19.827 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM041432.D
 Acq: 17 Aug 2023 11:43

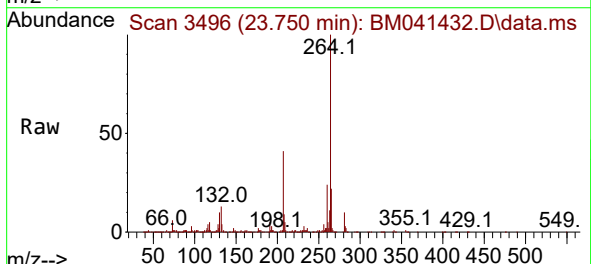
Instrument :
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Tgt Ion:244 Resp: 3602582
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.750 min Scan# 3496
 Delta R.T. -0.000 min
 Lab File: BM041432.D
 Acq: 17 Aug 2023 11:43



Tgt Ion:264 Resp: 587545
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 17.5 26.3

