

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037473.D
 Acq On : 11 Nov 2022 18:52
 Operator : CG/JU
 Sample : N5502-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182RE

Quant Time: Nov 11 22:58:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

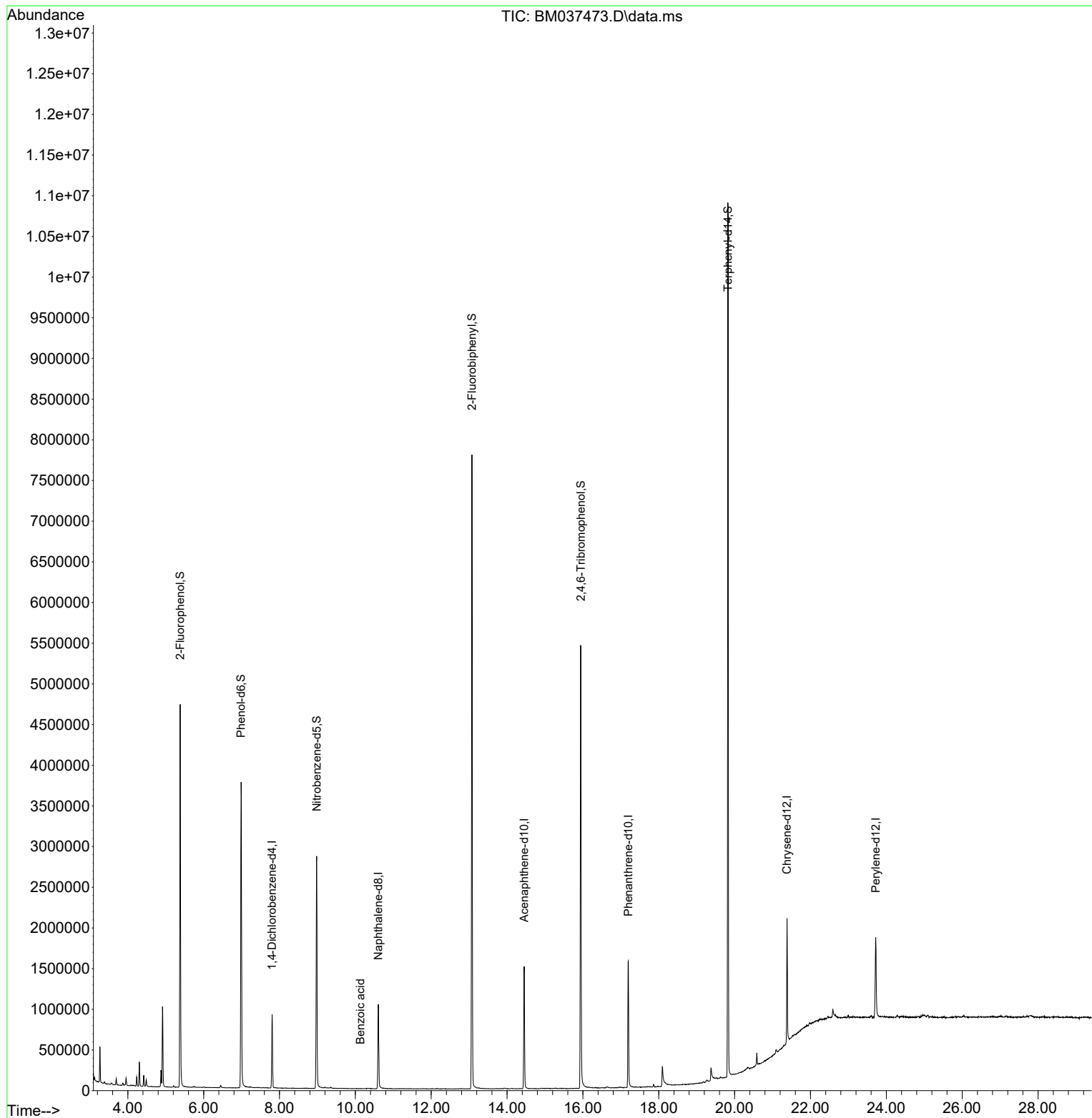
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	235110	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	892129	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	519777	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	974253	20.000	ng	0.00
76) Chrysene-d12	21.380	240	771396	20.000	ng	0.00
86) Perylene-d12	23.721	264	744569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1960512	144.063	ng	0.00
7) Phenol-d6	6.987	99	2229712	120.721	ng	0.00
23) Nitrobenzene-d5	8.981	82	1663809	94.093	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1123041	183.342	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3848373	98.375	ng	0.00
79) Terphenyl-d14	19.827	244	5132578	119.318	ng	0.00
Target Compounds						
32) Benzoic acid	10.134	122	60	6.982	ng	Qvalue # 1

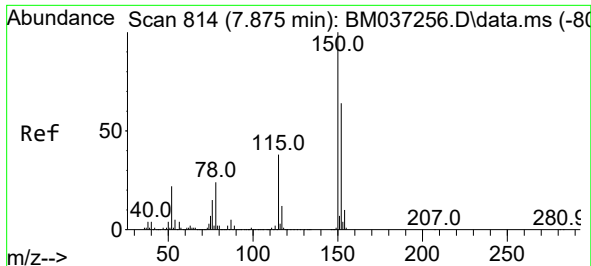
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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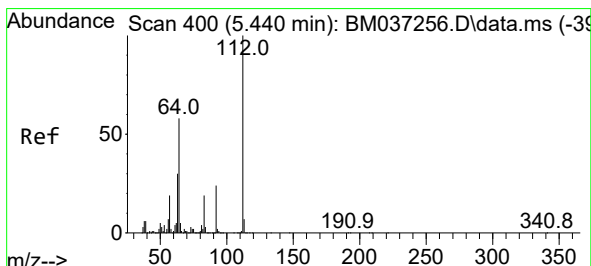
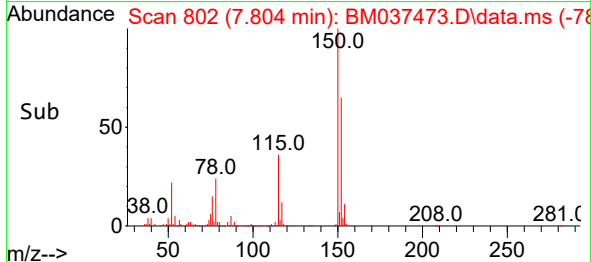
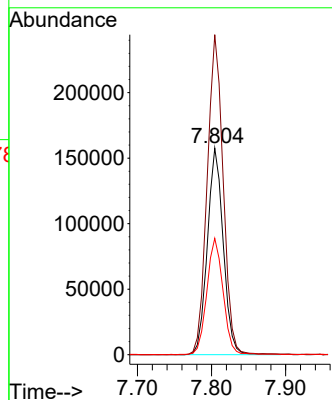
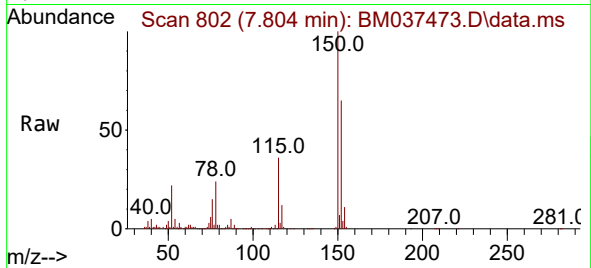




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

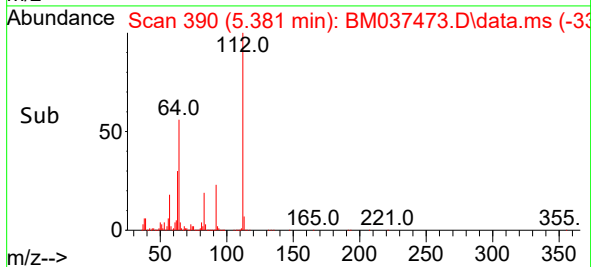
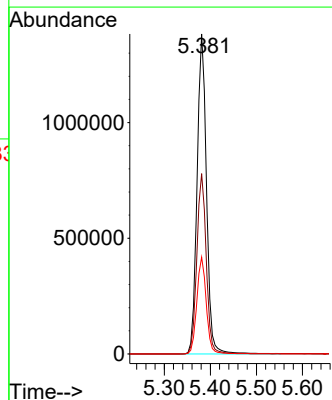
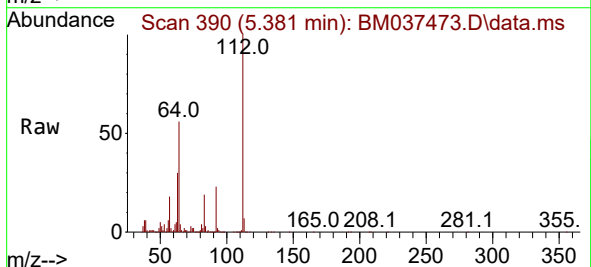
Instrument :
BNA_M
ClientSampleId :
2182RE

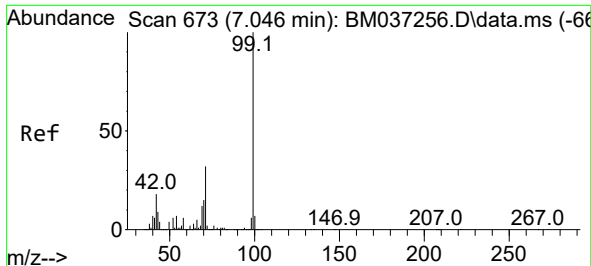
Tgt Ion:152 Resp: 235110
Ion Ratio Lower Upper
152 100
150 154.9 124.8 187.2
115 56.3 47.0 70.4



#5
2-Fluorophenol
Concen: 144.063 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:112 Resp: 1960512
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 30.2 24.4 36.6

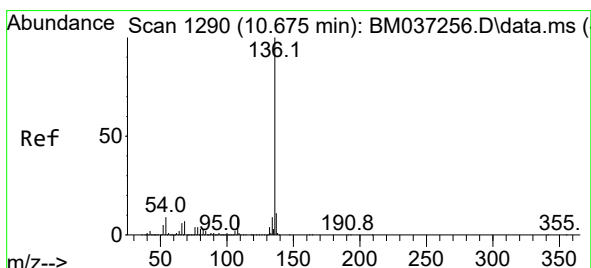
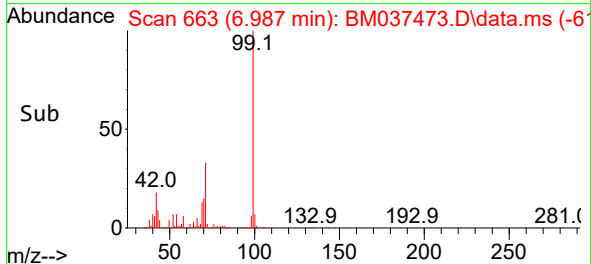
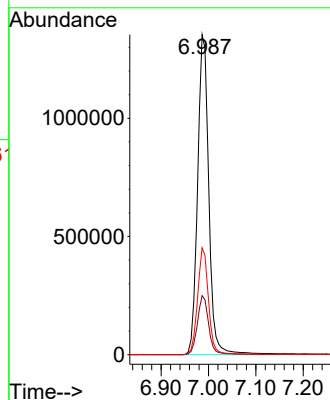
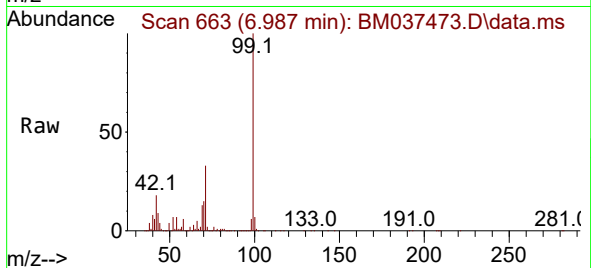




#7
Phenol-d6
Concen: 120.721 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

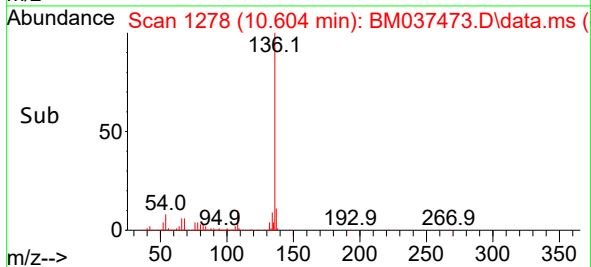
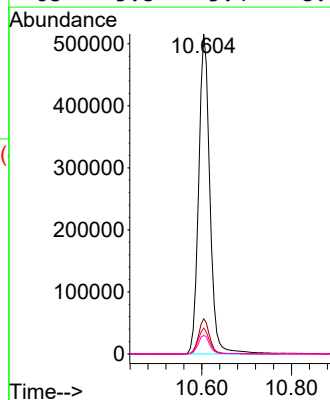
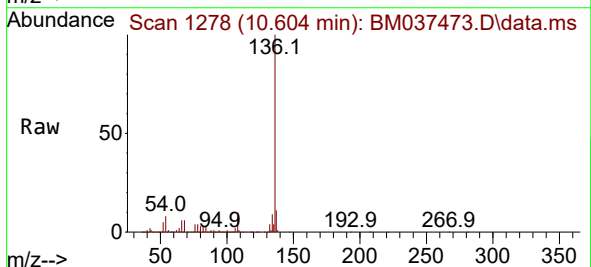
Instrument :
BNA_M
ClientSampleId :
2182RE

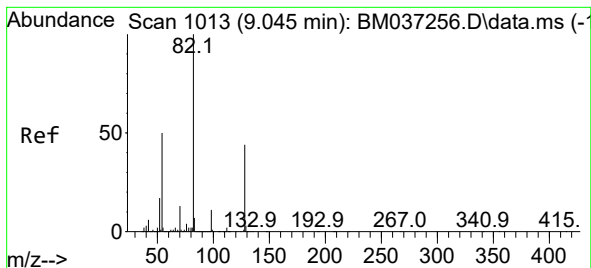
Tgt Ion: 99 Resp: 2229712
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 33.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion: 136 Resp: 892129
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 5.8 5.4 8.0

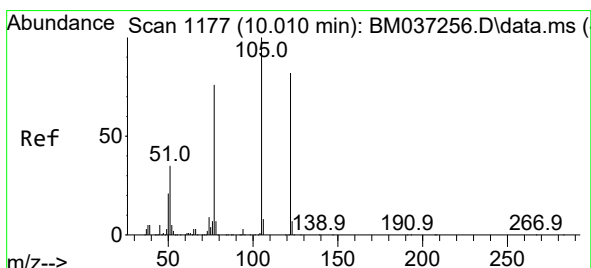
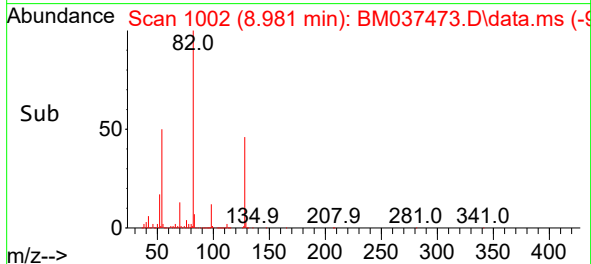
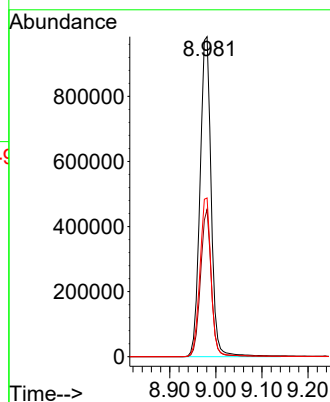
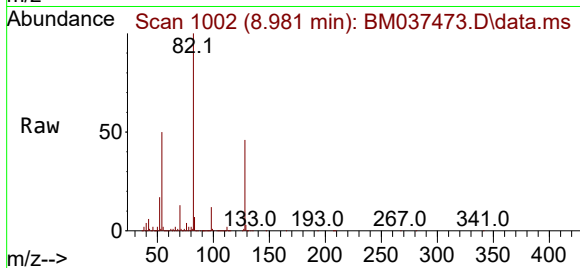




#23
Nitrobenzene-d5
Concen: 94.093 ng
RT: 8.981 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

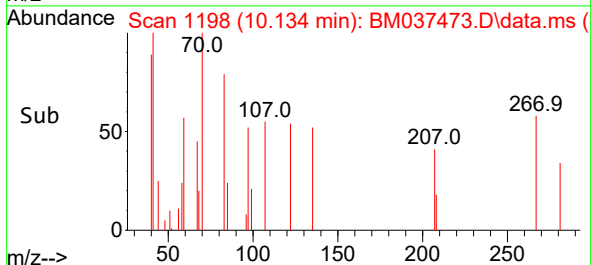
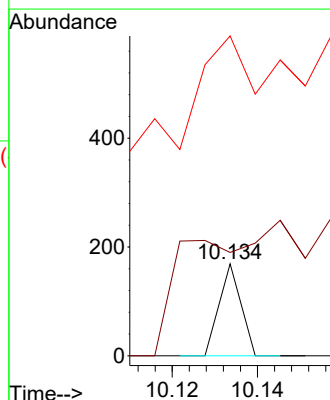
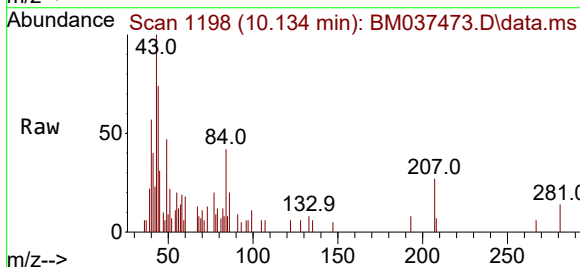
Instrument :
BNA_M
ClientSampleId :
2182RE

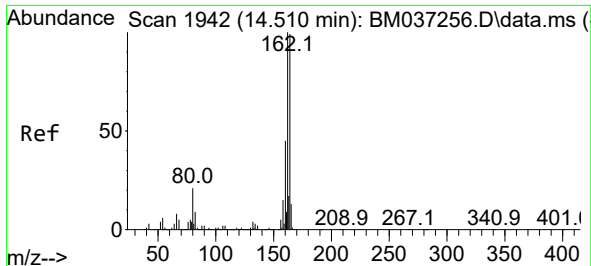
Tgt Ion: 82 Resp: 1663809
Ion Ratio Lower Upper
82 100
128 46.1 35.2 52.8
54 49.6 40.4 60.6



#32
Benzoic acid
Concen: 6.982 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.153 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 112.4 100.1 140.1
77 347.9 71.7 111.7#

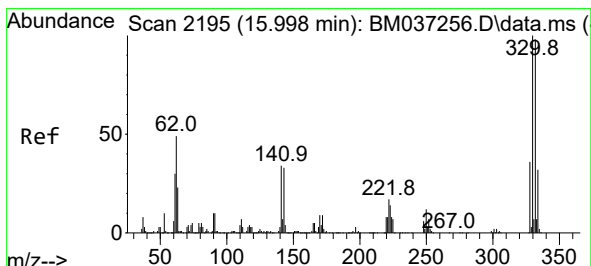
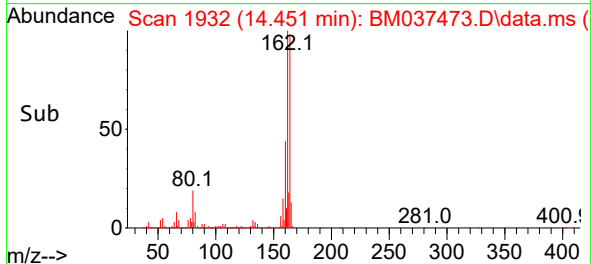
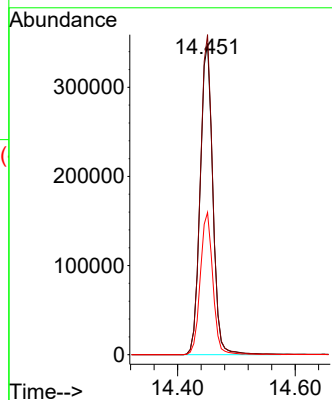
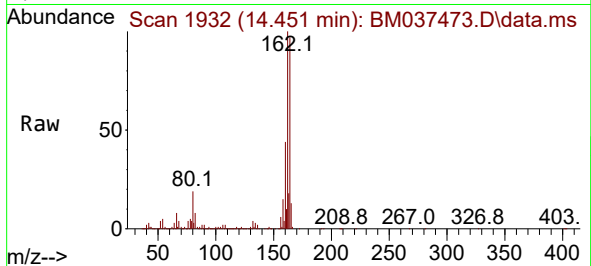




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

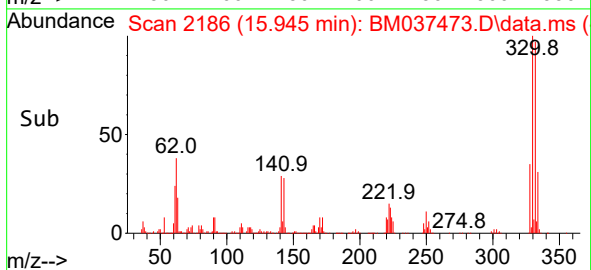
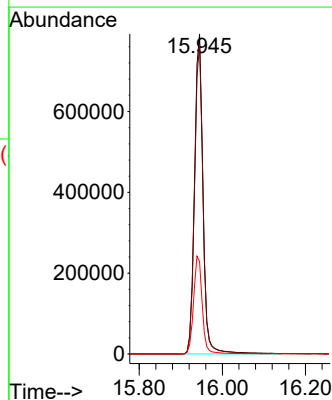
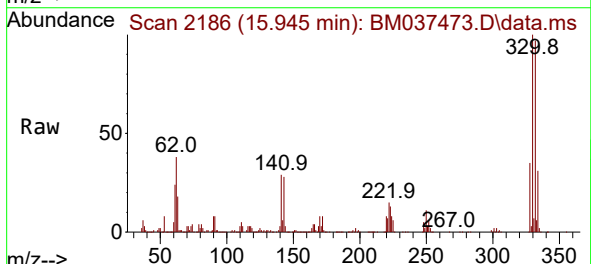
Instrument :
BNA_M
ClientSampleId :
2182RE

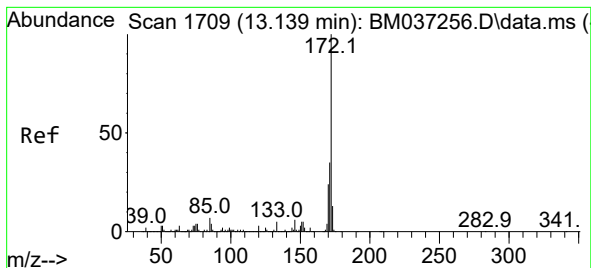
Tgt Ion:164 Resp: 519777
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 45.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 183.342 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

Tgt Ion:330 Resp: 1123041
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 31.2 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 98.375 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

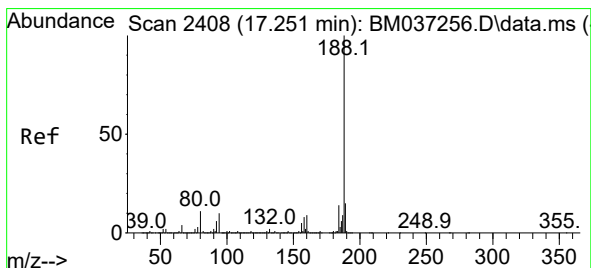
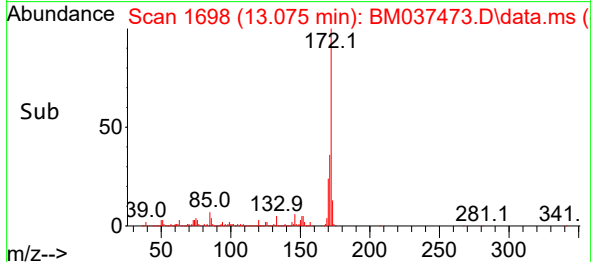
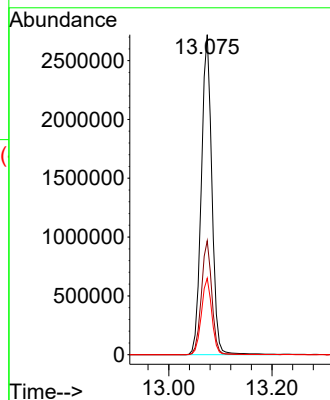
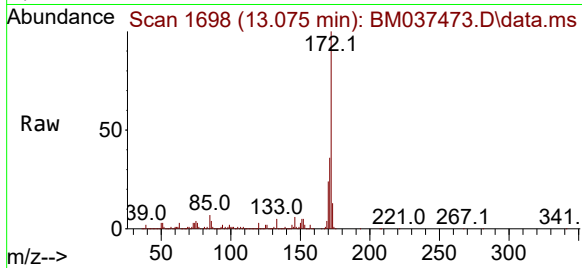
Tgt Ion:172 Resp: 3848373

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.9 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

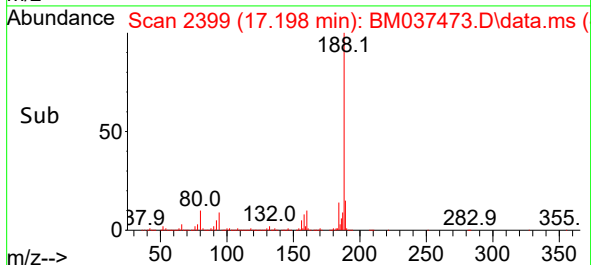
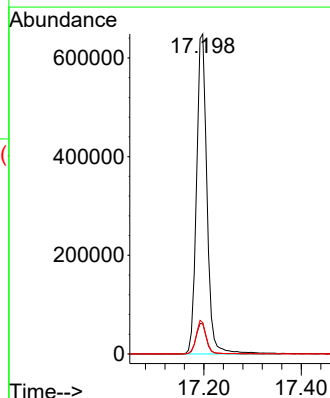
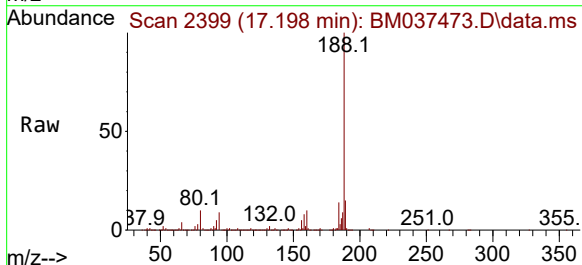
Tgt Ion:188 Resp: 974253

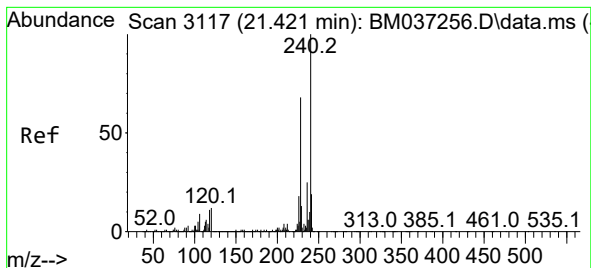
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 9.8 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

Instrument :

BNA_M

ClientSampleId :

2182RE

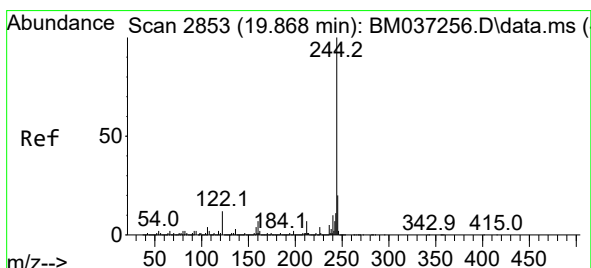
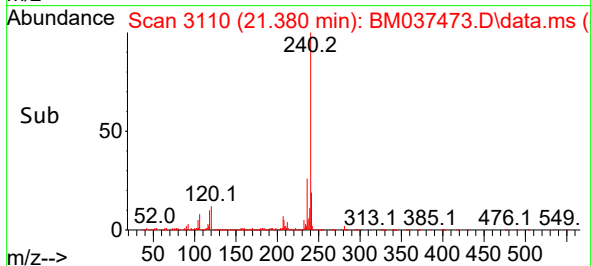
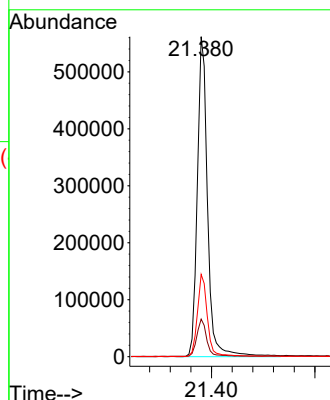
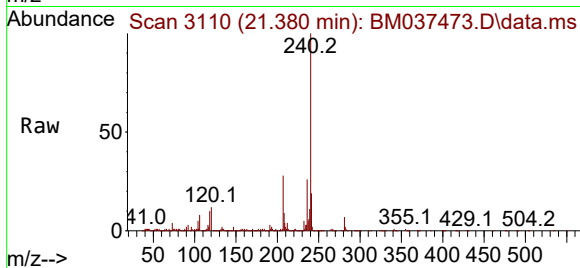
Tgt Ion:240 Resp: 771396

Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 25.7 20.3 30.5



#79

Terphenyl-d14

Concen: 119.318 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037473.D

Acq: 11 Nov 2022 18:52

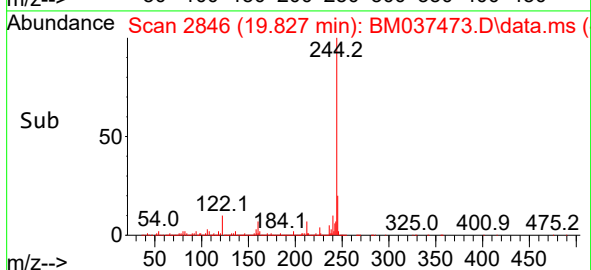
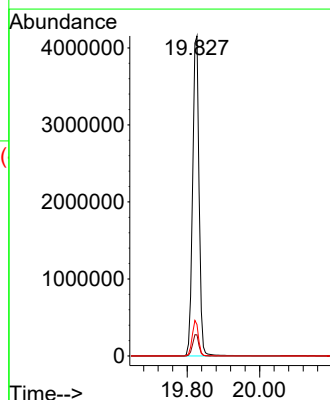
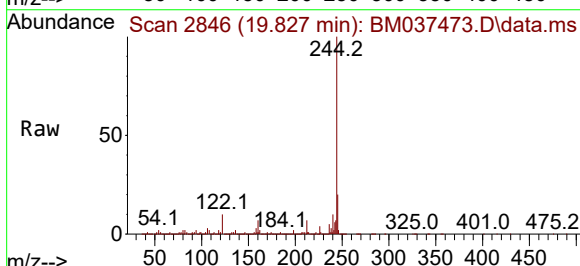
Tgt Ion:244 Resp: 5132578

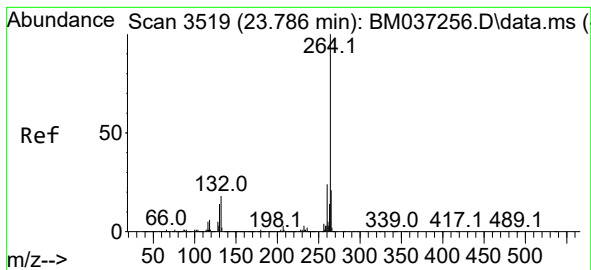
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.8 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037473.D
Acq: 11 Nov 2022 18:52

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Tgt Ion:264 Resp: 744569
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.6 17.7 26.5

