

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037485.D
 Acq On : 12 Nov 2022 02:09
 Operator : CG/JU
 Sample : N5509-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-13

Quant Time: Nov 12 02:42:22 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	229554	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	866449	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	479145	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	869918	20.000	ng	0.00
76) Chrysene-d12	21.380	240	785809	20.000	ng	0.00
86) Perylene-d12	23.721	264	880953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2290540	172.388	ng	0.00
7) Phenol-d6	6.987	99	2619023	145.231	ng	0.00
23) Nitrobenzene-d5	8.975	82	1918306	111.701	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1168616	206.960	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4218010	116.968	ng	0.00
79) Terphenyl-d14	19.821	244	5893645	134.497	ng	0.00

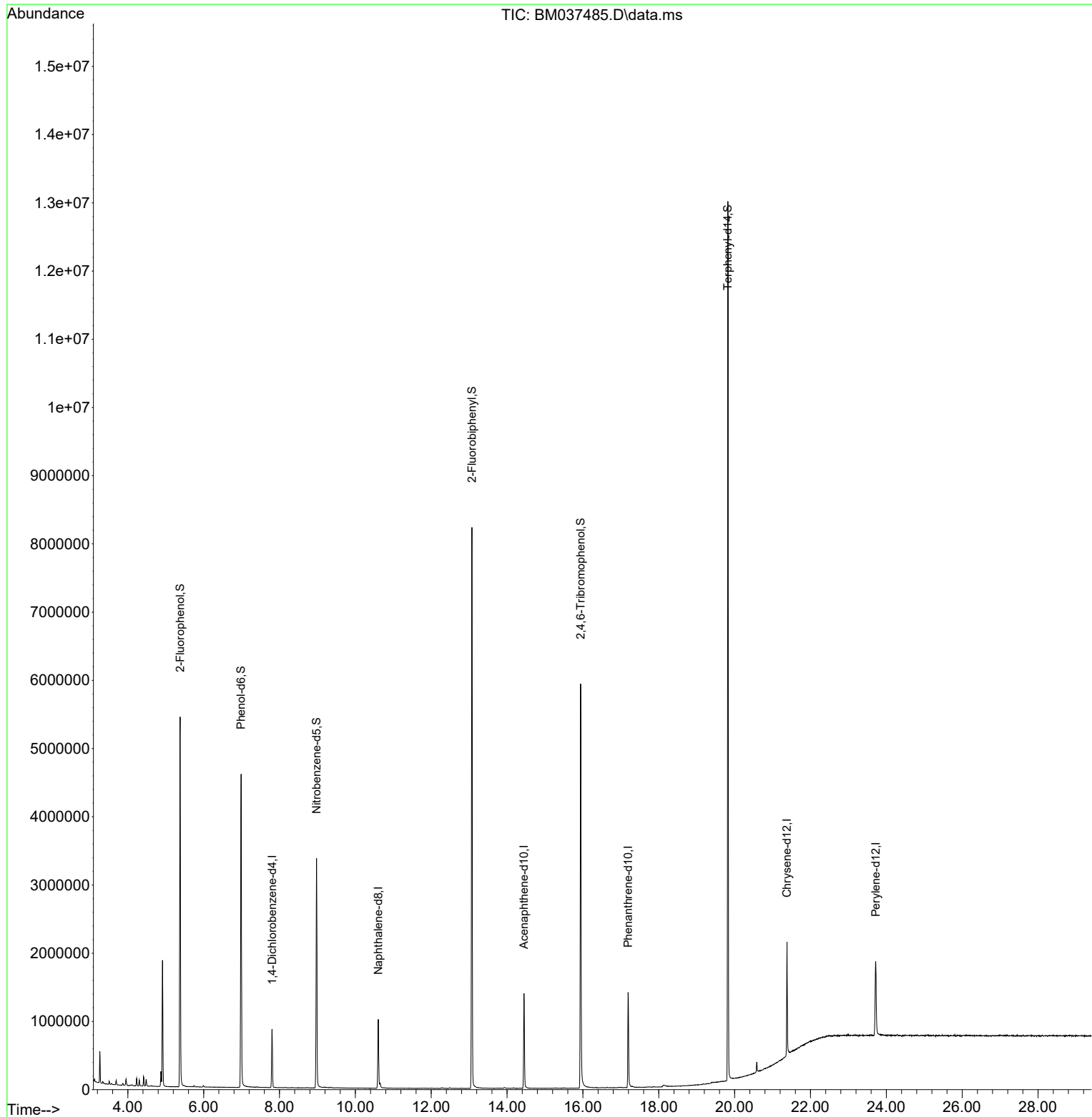
Target Compounds	Qvalue

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

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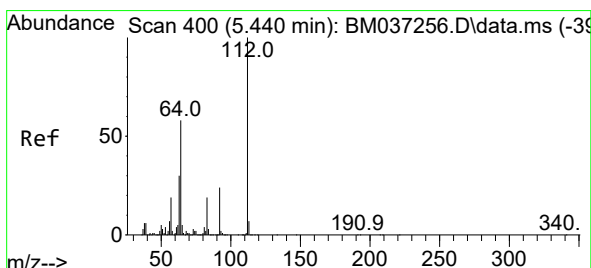
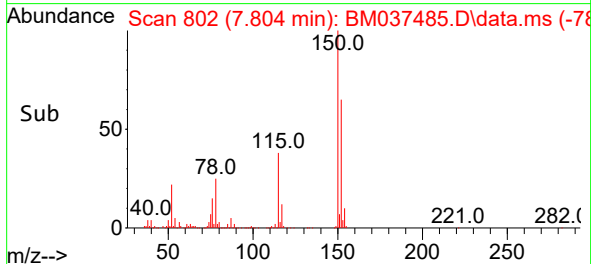
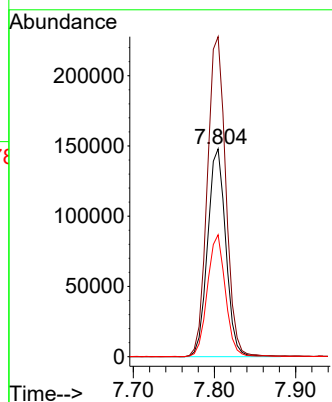
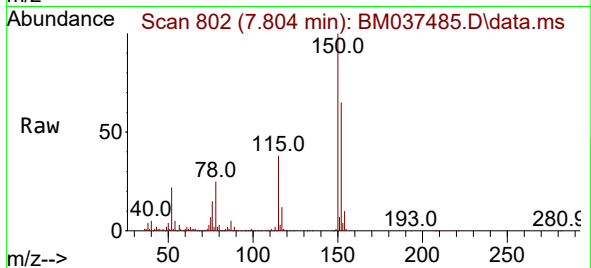




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

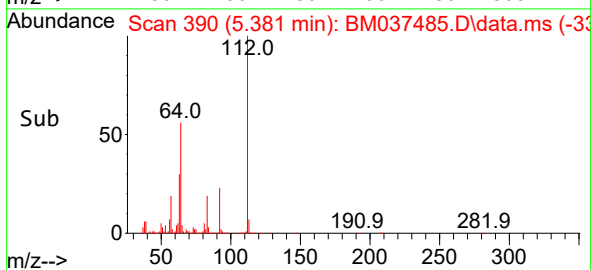
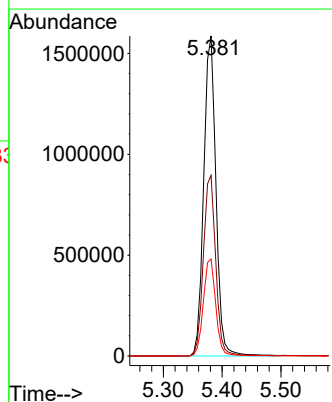
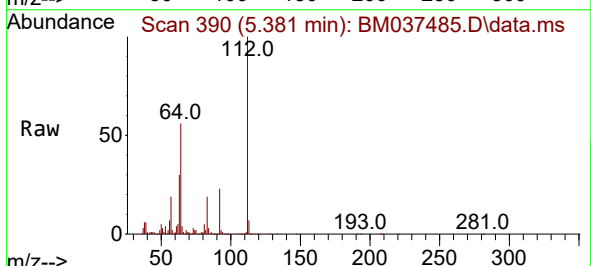
Instrument :
BNA_M
ClientSampleId :
TP-13

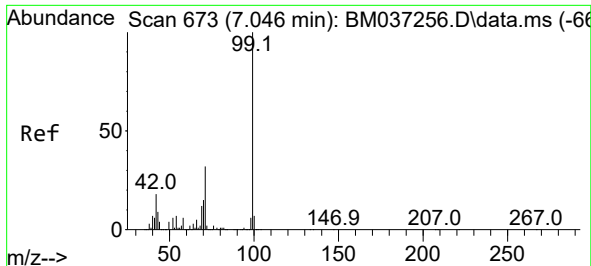
Tgt Ion:152 Resp: 229554
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 58.7 47.0 70.4



#5
2-Fluorophenol
Concen: 172.388 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:112 Resp: 2290540
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 30.3 24.4 36.6

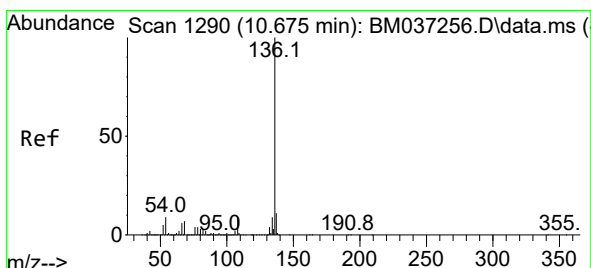
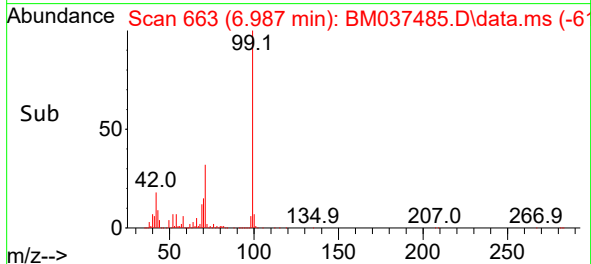
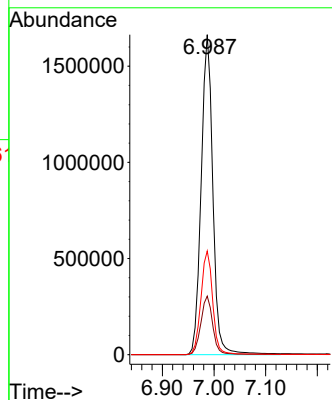
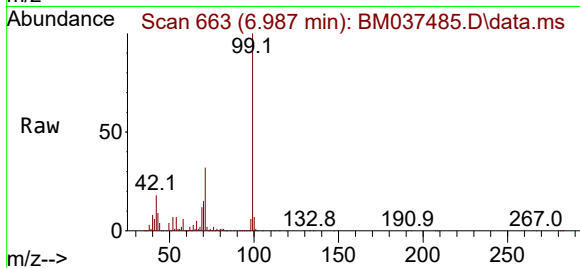




#7
Phenol-d6
Concen: 145.231 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

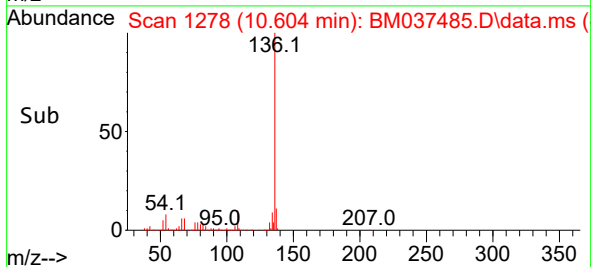
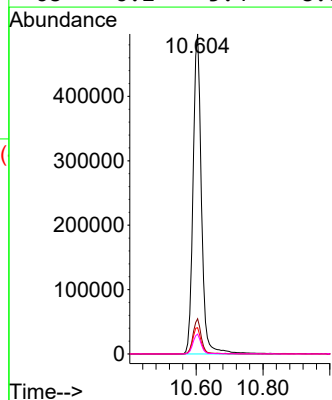
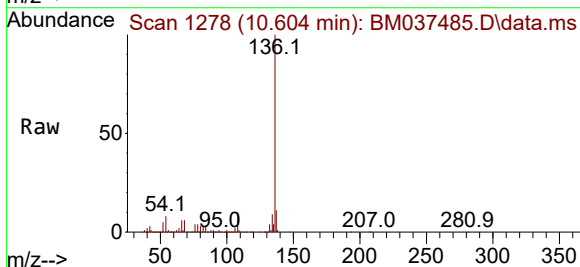
Instrument :
BNA_M
ClientSampleId :
TP-13

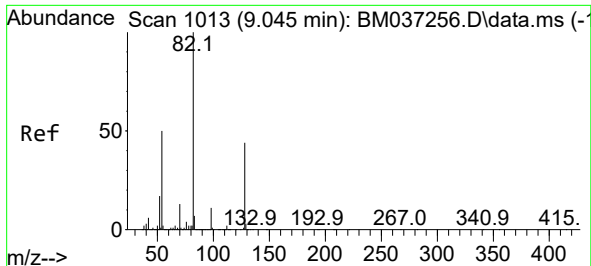
Tgt Ion: 99 Resp: 2619023
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:136 Resp: 866449
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.2 7.0 10.4
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 111.701 ng

RT: 8.975 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

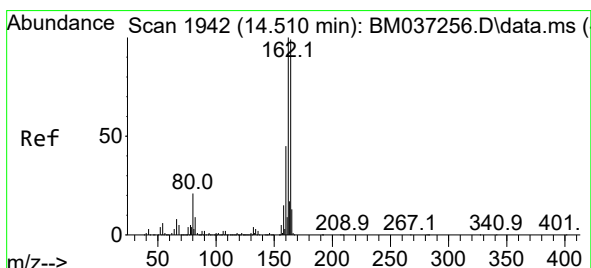
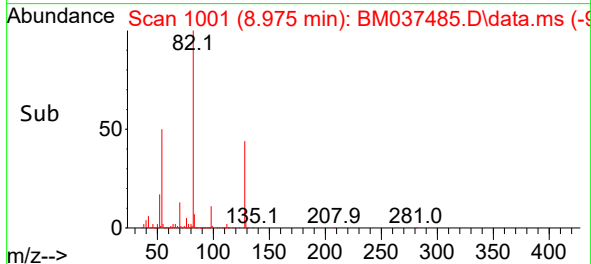
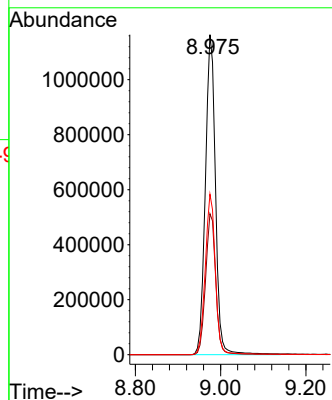
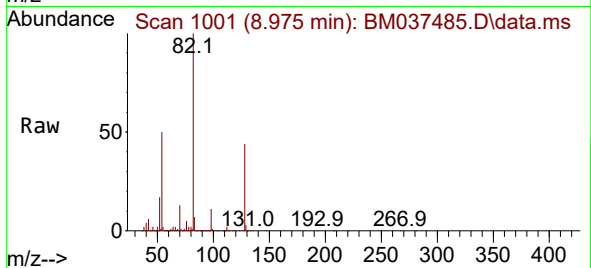
Tgt Ion: 82 Resp: 1918306

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

54 50.2 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

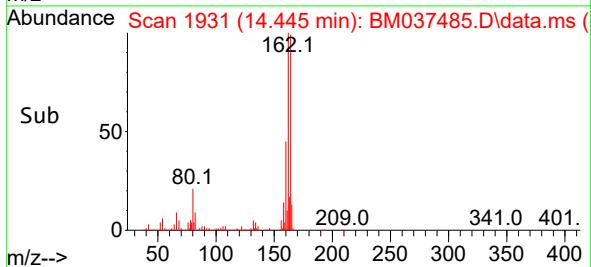
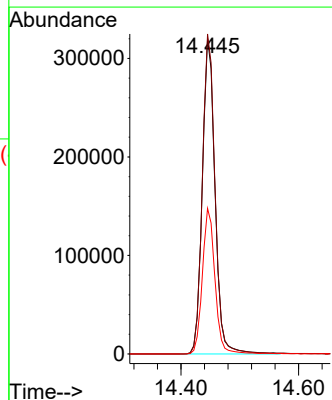
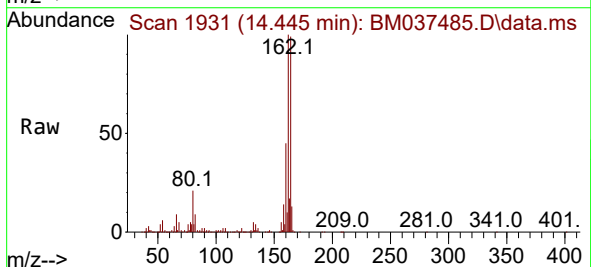
Tgt Ion: 164 Resp: 479145

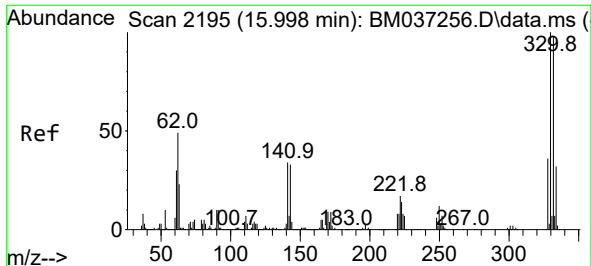
Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 46.2 36.2 54.4

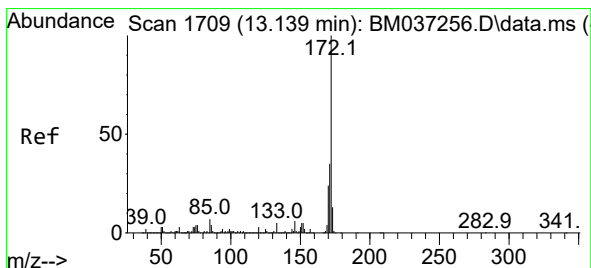
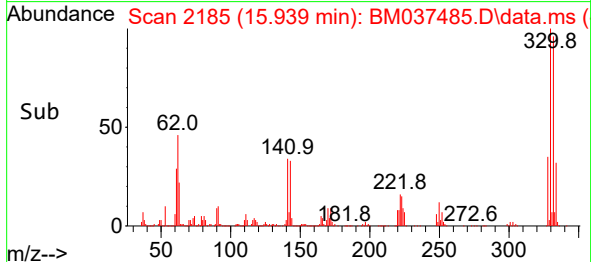
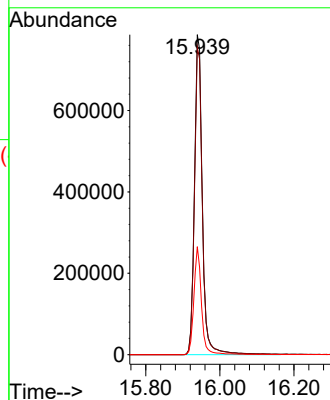
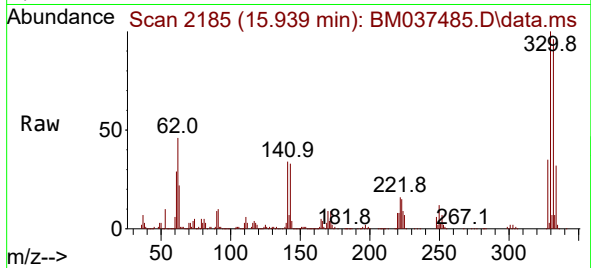




#42
2,4,6-Tribromophenol
Concen: 206.960 ng
RT: 15.939 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

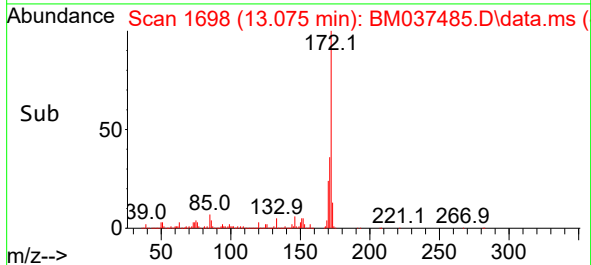
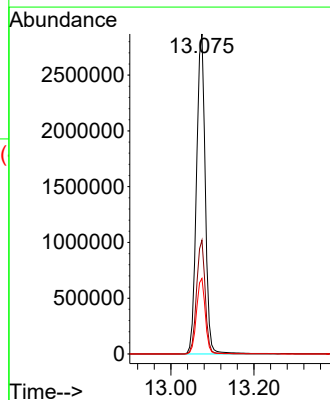
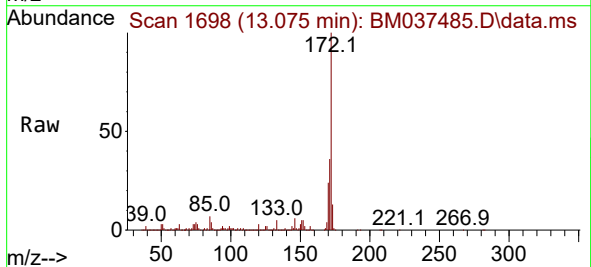
Instrument :
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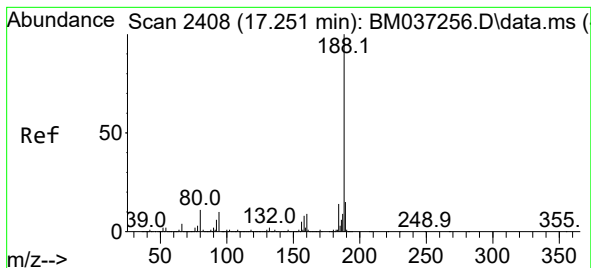
Tgt Ion:330 Resp: 1168616
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 32.5 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 116.968 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:172 Resp: 4218010
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

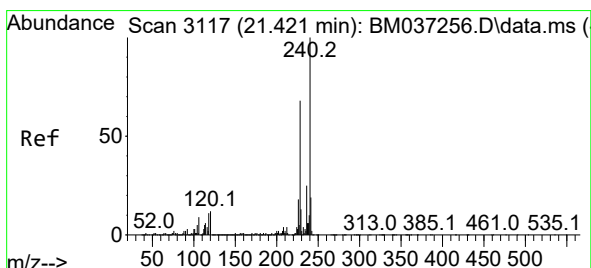
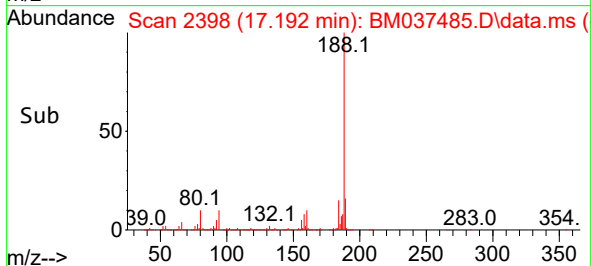
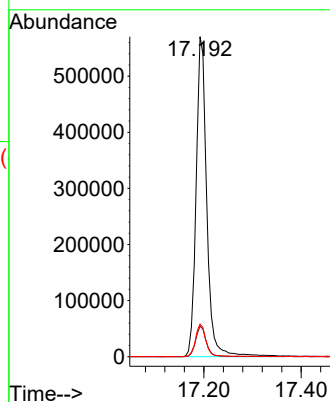
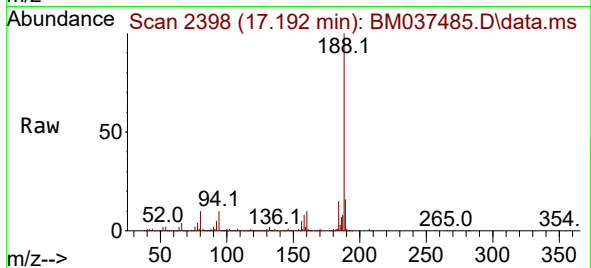
Tgt Ion:188 Resp: 869918

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.2 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

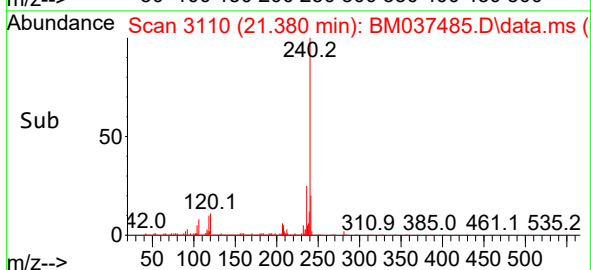
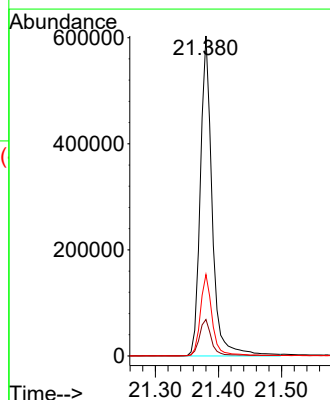
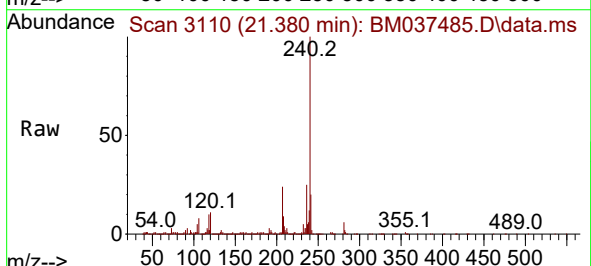
Tgt Ion:240 Resp: 785809

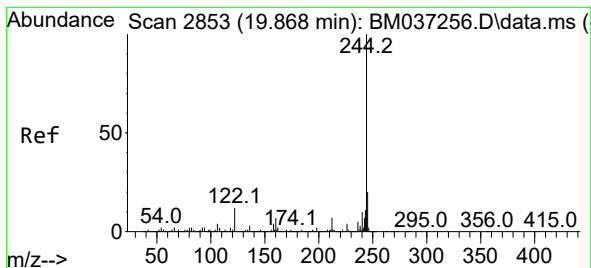
Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 134.497 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

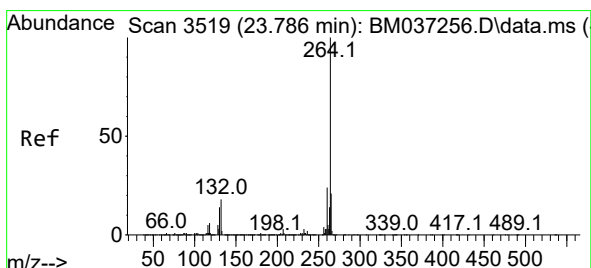
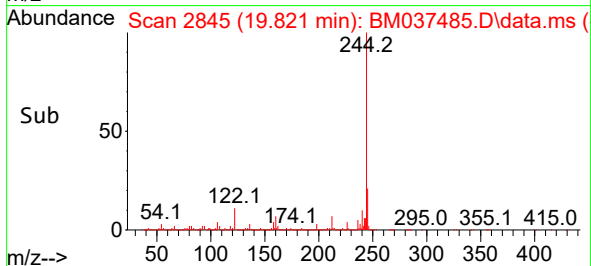
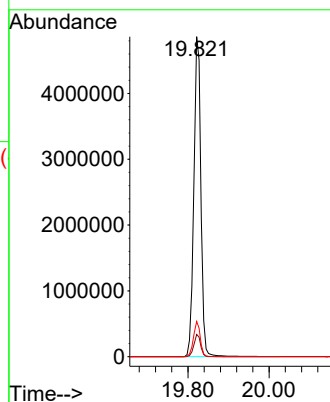
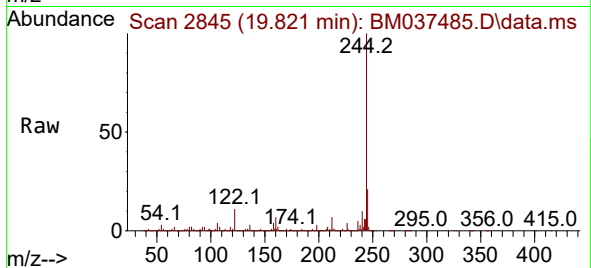
Tgt Ion:244 Resp: 5893645

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.0 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Tgt Ion:264 Resp: 880953

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 17.7 26.5

