

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016485.D
 Acq On : 03 Aug 2023 11:08
 Operator : MA/JU
 Sample : PB154495BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154495BL

Quant Time: Aug 03 11:40:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	396102	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1533564	20.000	ng	-0.02
39) Acenaphthene-d10	14.716	164	849502	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	1798810	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1560630	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1775300	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3596996	148.148	ng	-0.02
7) Phenol-d6	7.210	99	4441419	133.458	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2632643	96.097	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1510185	120.840	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	5546506	93.606	ng	-0.02
79) Terphenyl-d14	20.033	244	7810252	105.717	ng	-0.01

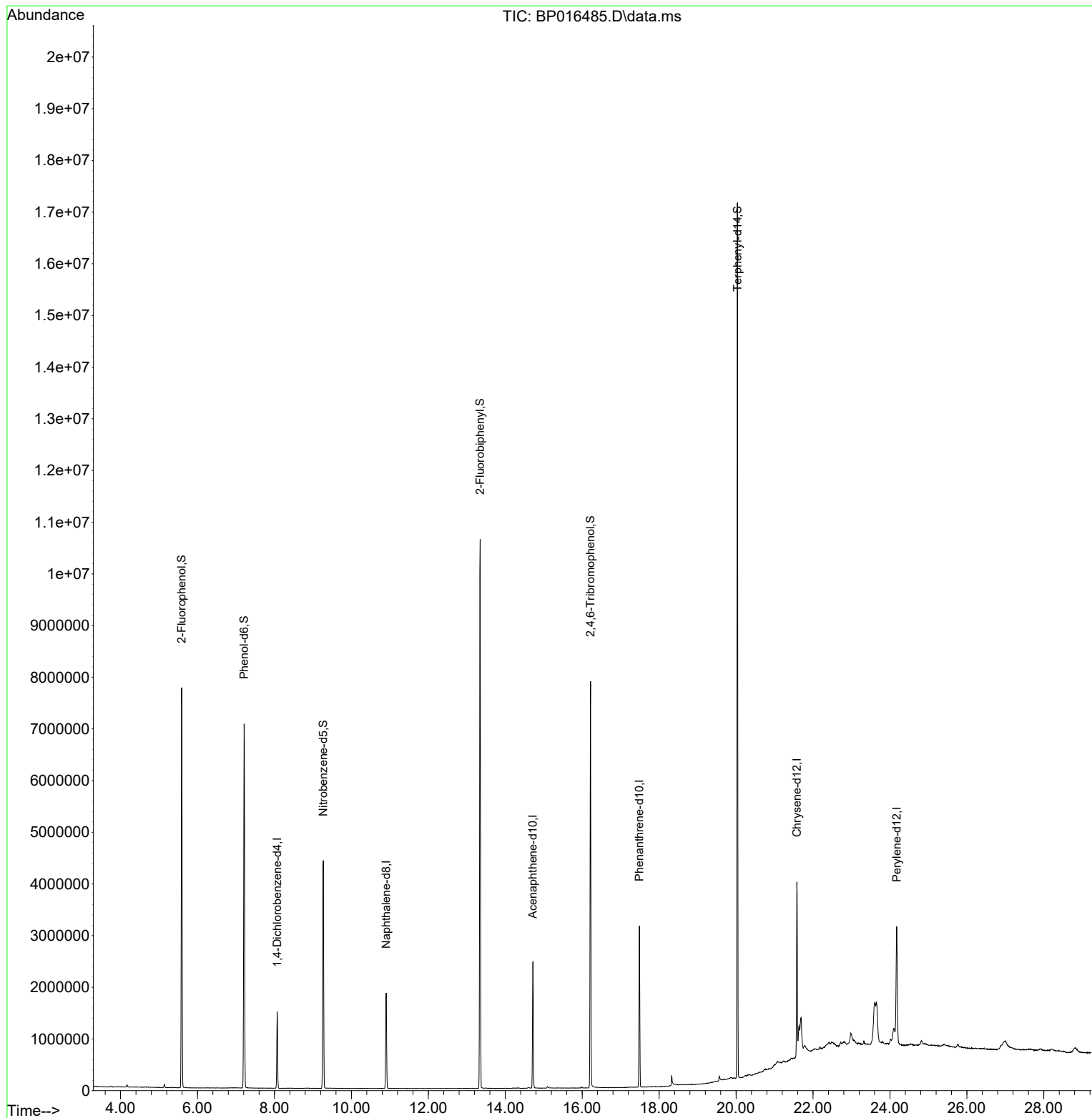
Target Compounds	Qvalue

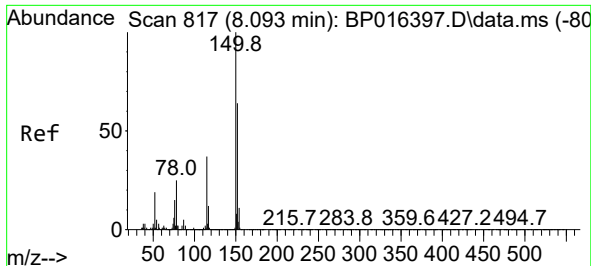
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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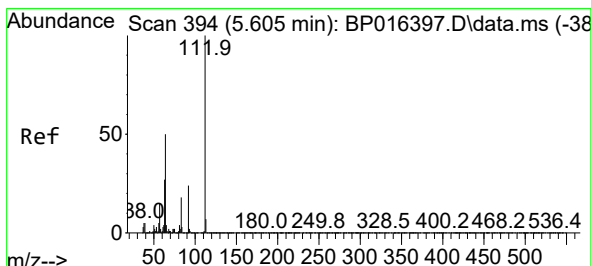
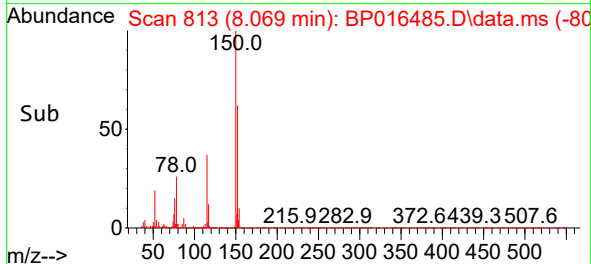
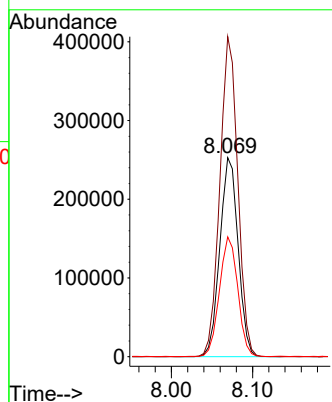
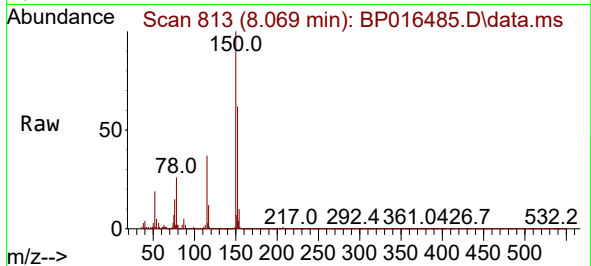




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

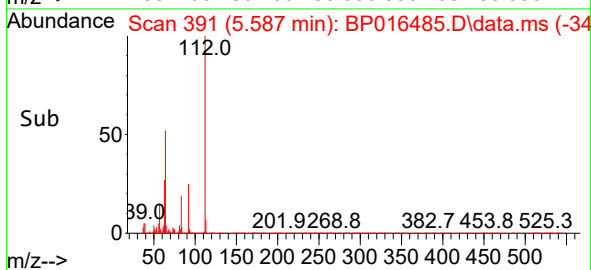
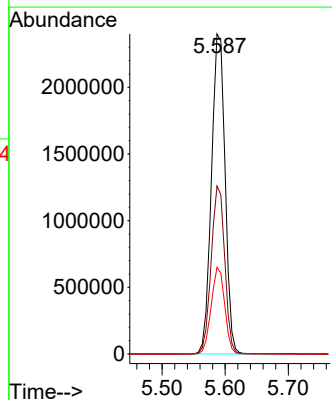
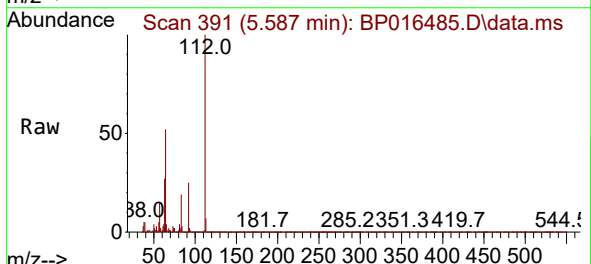
Instrument :
BNA_P
ClientSampleId :
PB154495BL

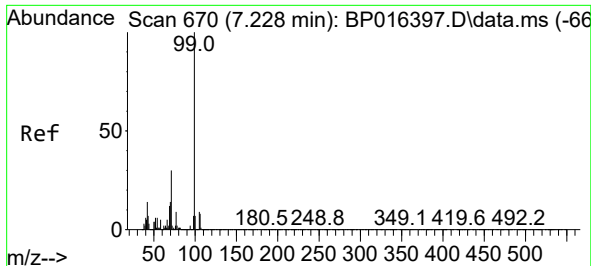
Tgt Ion:152 Resp: 396102
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 60.2 46.8 70.2



#5
2-Fluorophenol
Concen: 148.148 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

Tgt Ion:112 Resp: 3596996
Ion Ratio Lower Upper
112 100
64 52.5 40.0 60.0
63 27.0 21.2 31.8

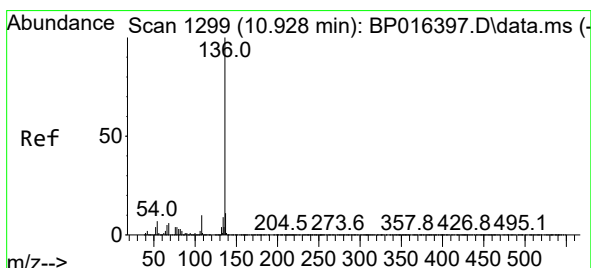
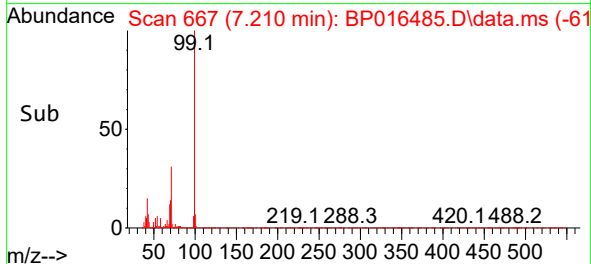
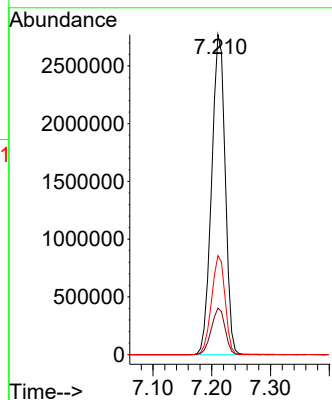
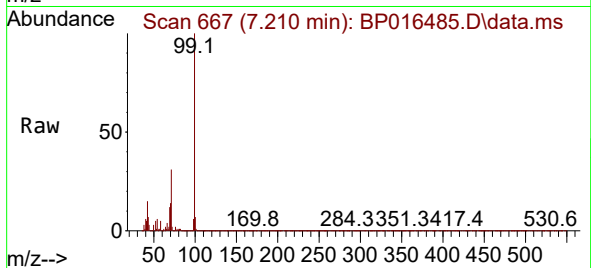




#7
Phenol-d6
Concen: 133.458 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

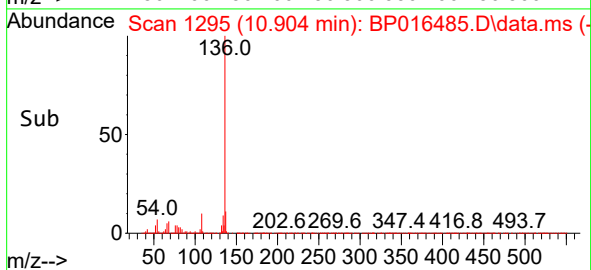
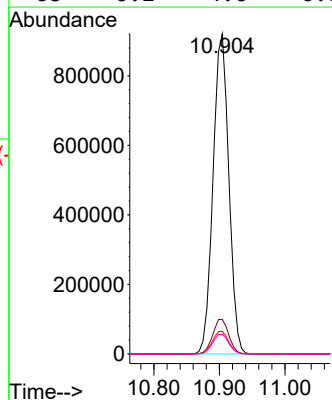
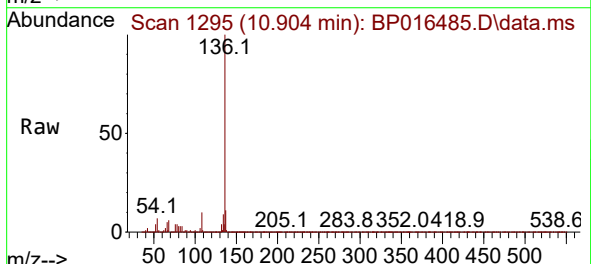
Instrument :
BNA_P
ClientSampleId :
PB154495BL

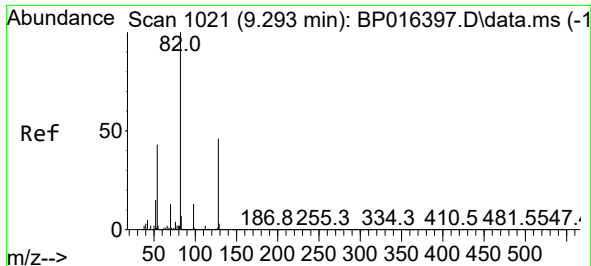
Tgt Ion: 99 Resp: 4441419
Ion Ratio Lower Upper
99 100
42 14.5 11.6 17.4
71 30.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

Tgt Ion:136 Resp: 1533564
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.6 8.4
68 6.2 4.6 6.8

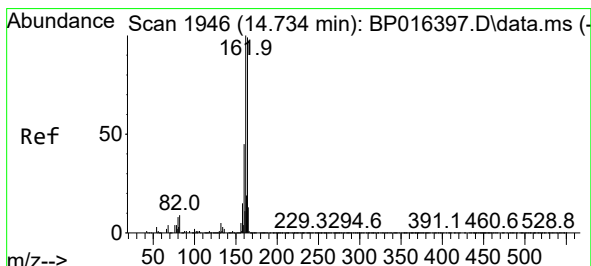
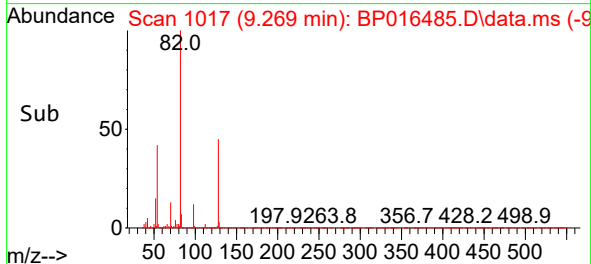
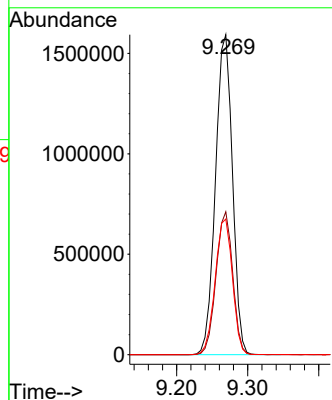
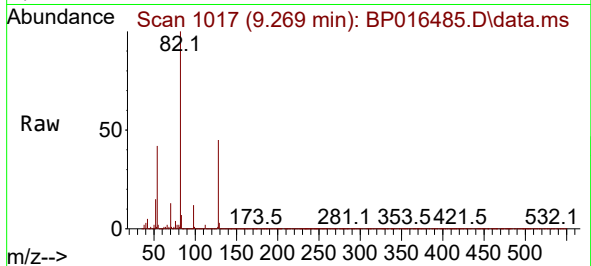




#23
Nitrobenzene-d5
Concen: 96.097 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

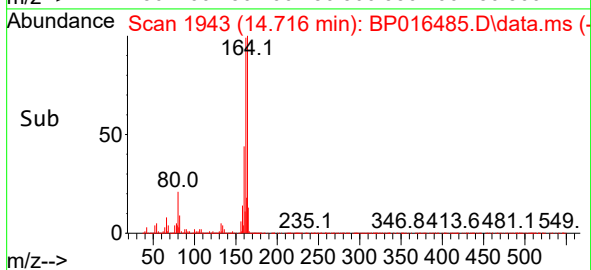
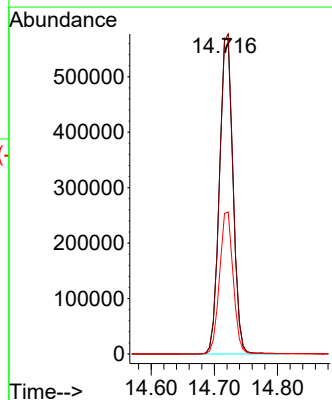
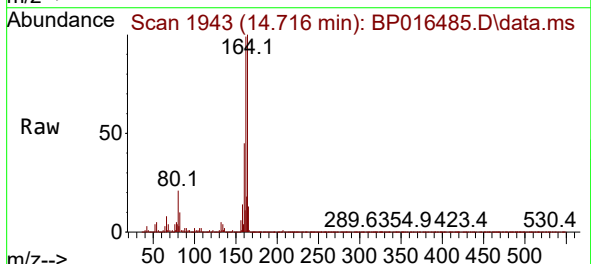
Instrument :
BNA_P
ClientSampleId :
PB154495BL

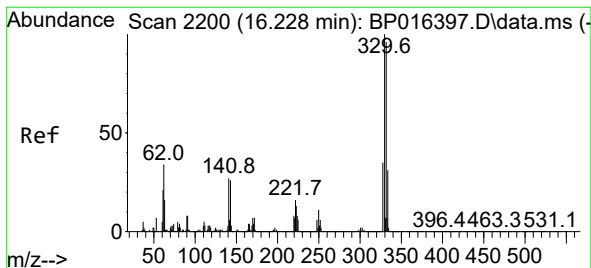
Tgt Ion: 82 Resp: 2632643
Ion Ratio Lower Upper
82 100
128 44.7 36.6 55.0
54 42.4 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP016485.D
Acq: 03 Aug 2023 11:08

Tgt Ion: 164 Resp: 849502
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.6
160 44.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 120.840 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

Instrument :

BNA_P

ClientSampleId :

PB154495BL

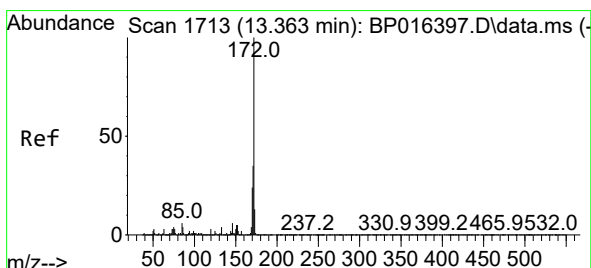
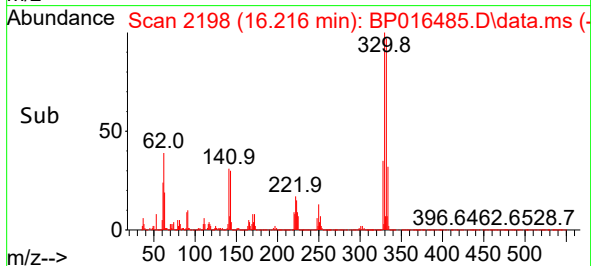
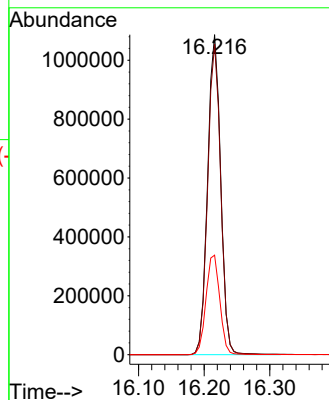
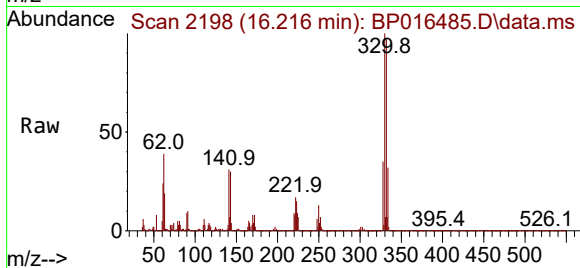
Tgt Ion:330 Resp: 1510185

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 33.0 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 93.606 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

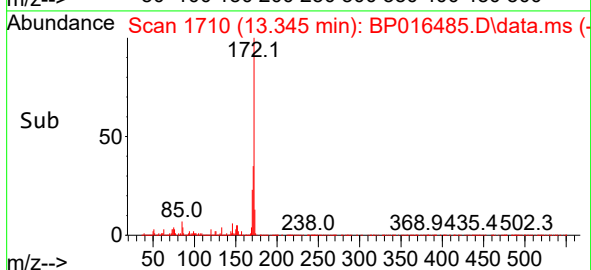
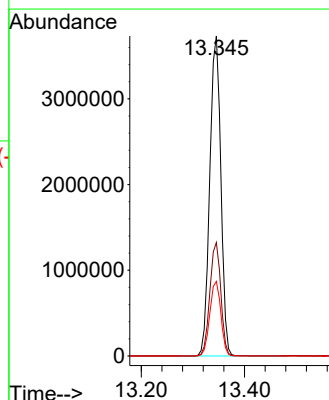
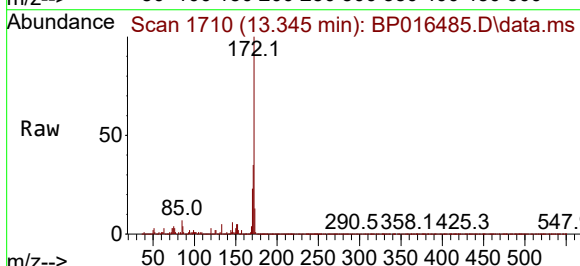
Tgt Ion:172 Resp: 5546506

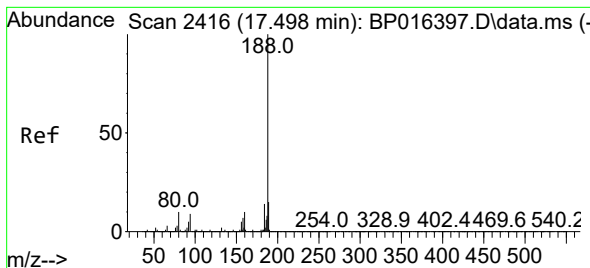
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

Instrument :

BNA_P

ClientSampleId :

PB154495BL

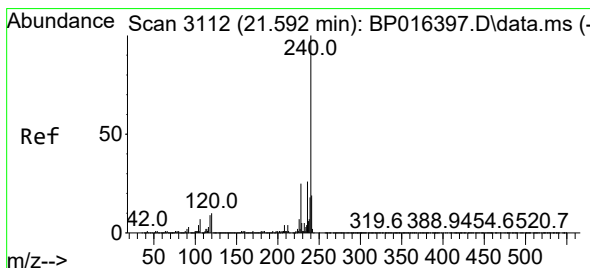
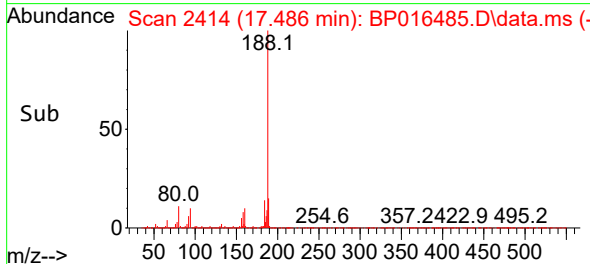
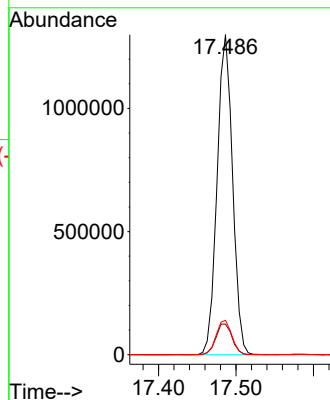
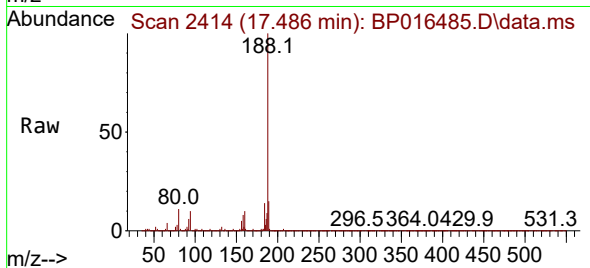
Tgt Ion:188 Resp: 1798810

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.8 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

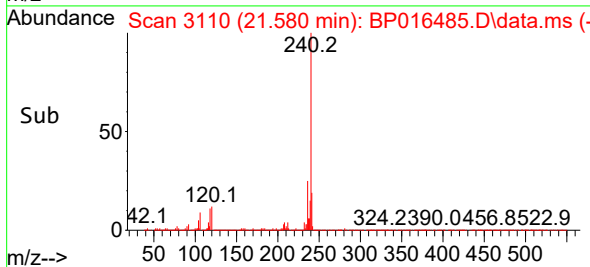
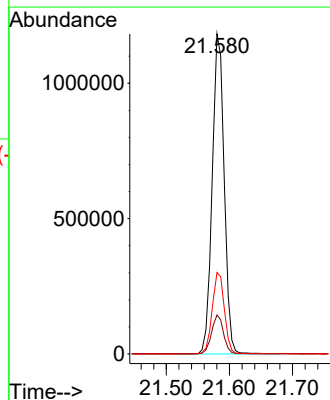
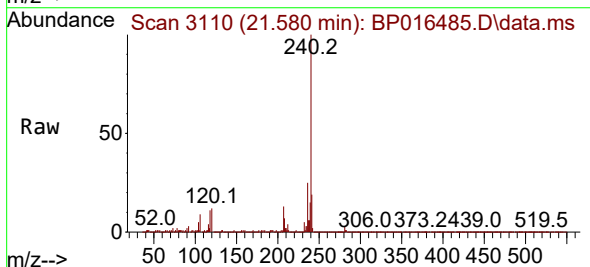
Tgt Ion:240 Resp: 1560630

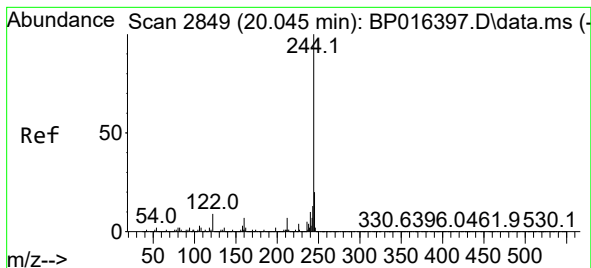
Ion Ratio Lower Upper

240 100

120 12.1 7.9 11.9#

236 25.4 21.1 31.7





#79

Terphenyl-d14

Concen: 105.717 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

Instrument :

BNA_P

ClientSampleId :

PB154495BL

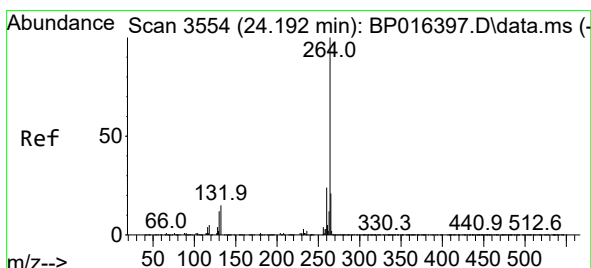
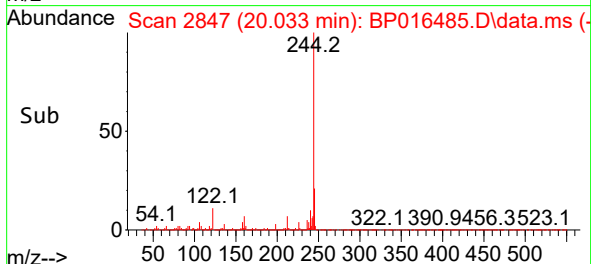
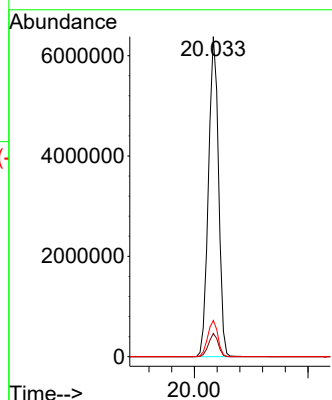
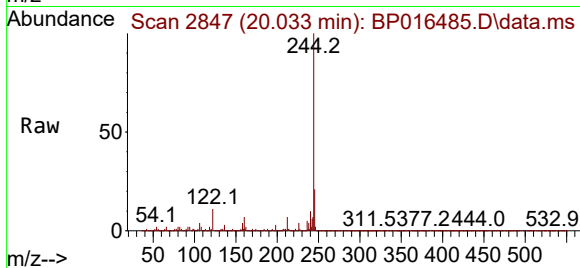
Tgt Ion:244 Resp: 7810252

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.3 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016485.D

Acq: 03 Aug 2023 11:08

Tgt Ion:264 Resp: 1775300

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.1 17.4 26.0

