

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016492.D
 Acq On : 03 Aug 2023 15:07
 Operator : MA/JU
 Sample : PB154350BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154350BL

Quant Time: Aug 03 18:31:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 18:07:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	356982	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	1345780	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	721428	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	1503614	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1300812	20.000	ng	0.00
86) Perylene-d12	24.174	264	1444517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3253519	148.686	ng	0.00
7) Phenol-d6	7.211	99	4020981	134.065	ng	0.00
23) Nitrobenzene-d5	9.269	82	2386186	99.255	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	1239765	116.813	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	4964287	98.654	ng	0.00
79) Terphenyl-d14	20.033	244	6713180	109.017	ng	0.00

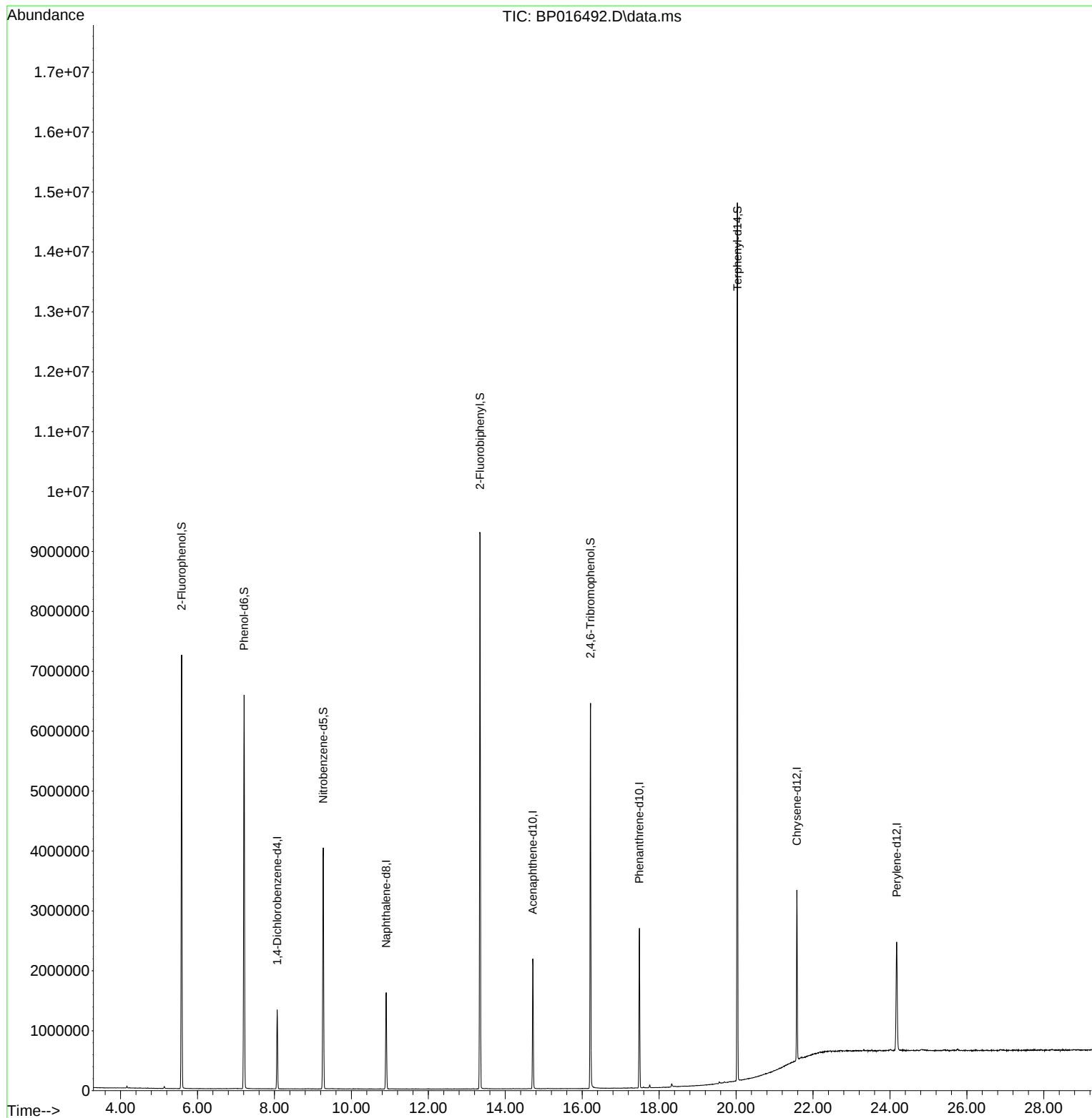
Target Compounds	Qvalue

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

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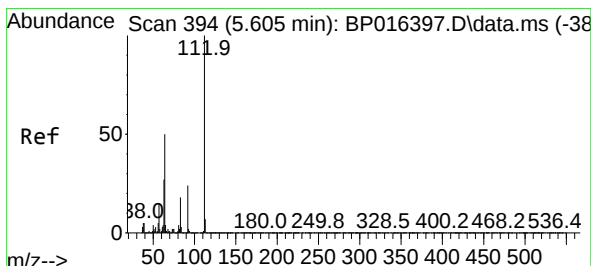
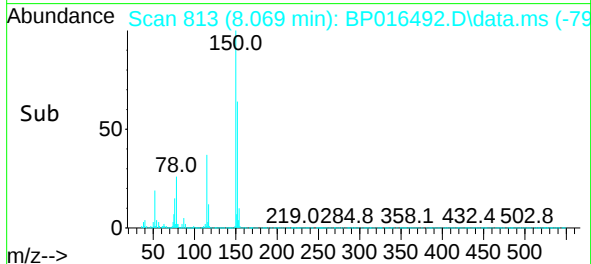
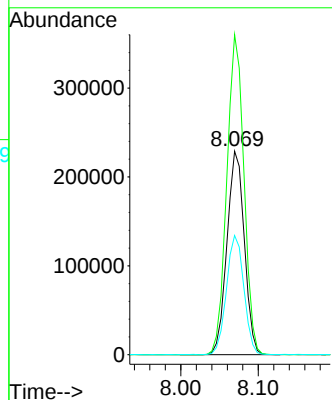
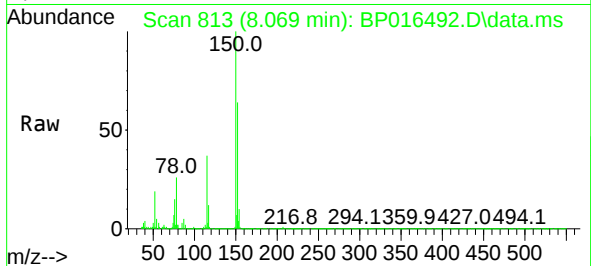




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 817
Delta R.T. 0.000 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

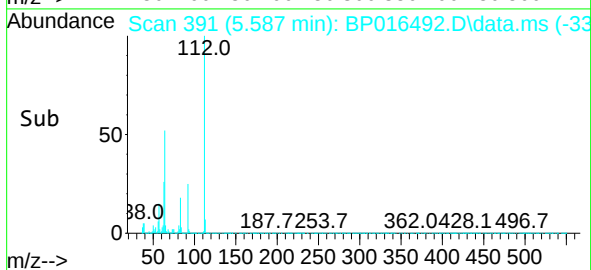
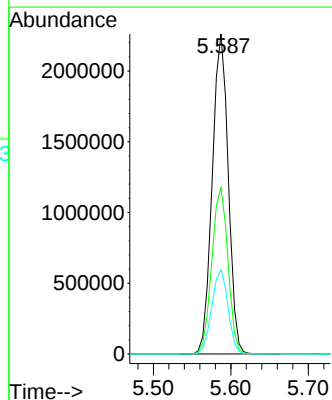
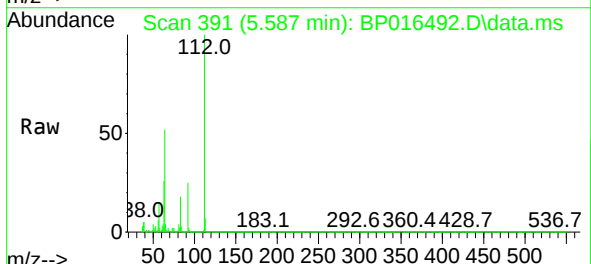
Instrument :
BNA_P
ClientSampleId :
PB154350BL

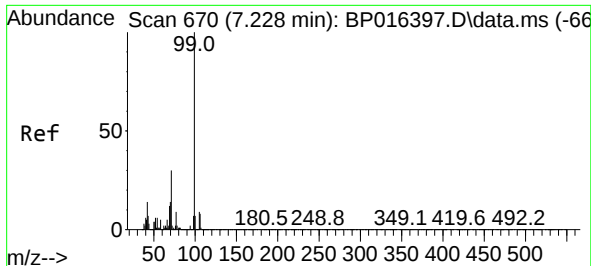
Tgt Ion:152 Resp: 356982
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 58.6 46.8 70.2



#5
2-Fluorophenol
Concen: 148.686 ng
RT: 5.587 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

Tgt Ion:112 Resp: 3253519
Ion Ratio Lower Upper
112 100
64 52.0 40.0 60.0
63 26.3 21.2 31.8

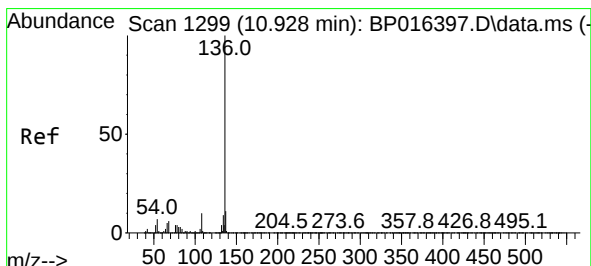
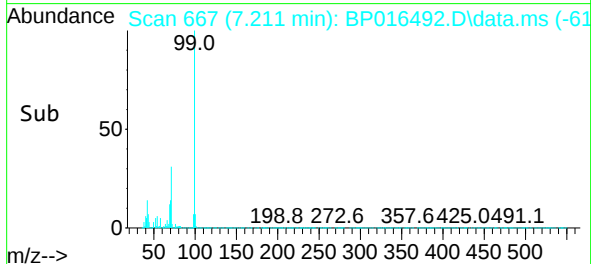
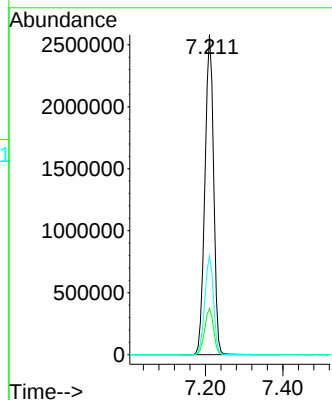
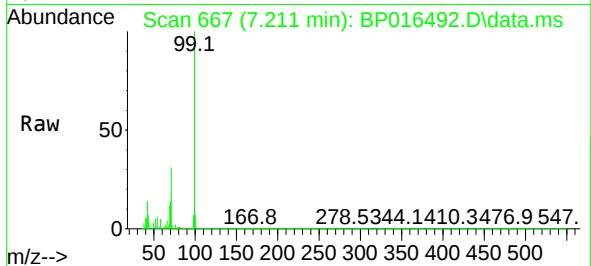




#7
Phenol-d6
Concen: 134.065 ng
RT: 7.211 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

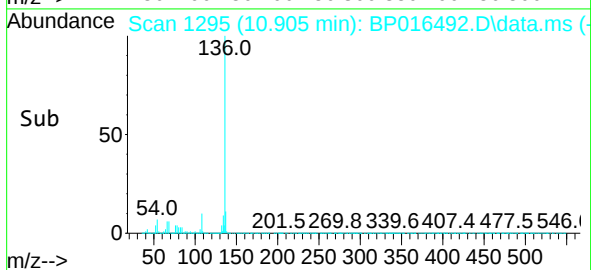
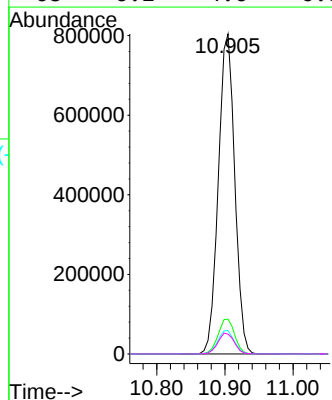
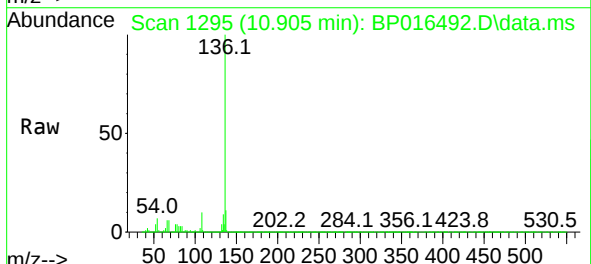
Instrument :
BNA_P
ClientSampleId :
PB154350BL

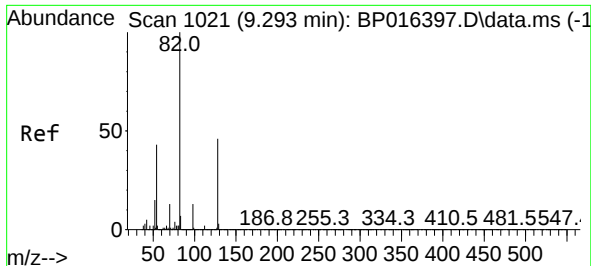
Tgt Ion: 99 Resp: 4020981
Ion Ratio Lower Upper
99 100
42 14.4 11.6 17.4
71 30.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

Tgt Ion: 136 Resp: 1345780
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.6 8.4
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 99.255 ng

RT: 9.269 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BP016492.D

Acq: 03 Aug 2023 15:07

Instrument :

BNA_P

ClientSampleId :

PB154350BL

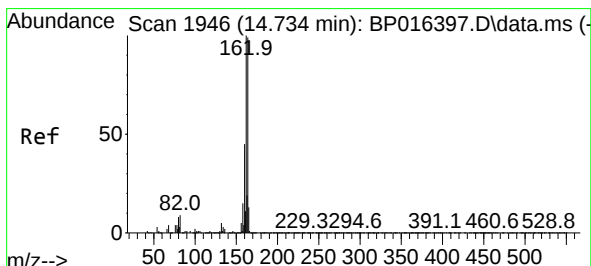
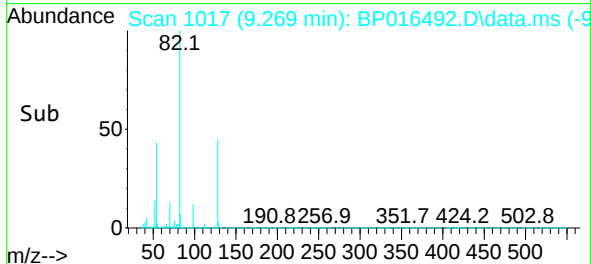
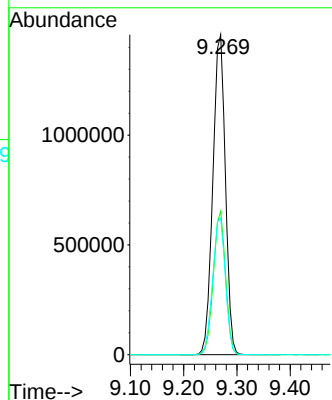
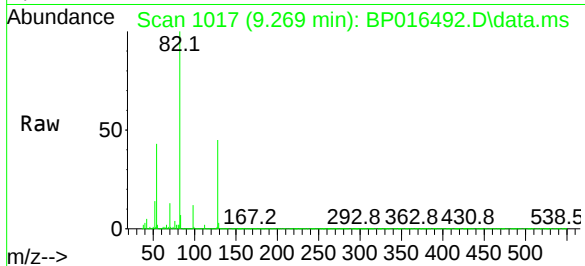
Tgt Ion: 82 Resp: 2386186

Ion Ratio Lower Upper

82 100

128 44.7 36.6 55.0

54 42.6 34.5 51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.716 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP016492.D

Acq: 03 Aug 2023 15:07

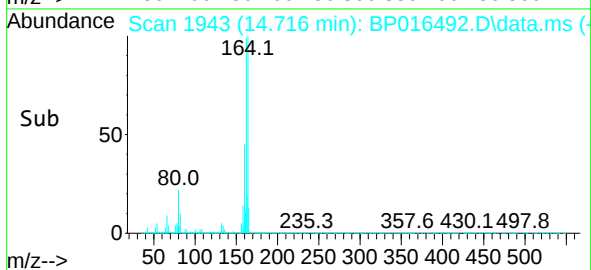
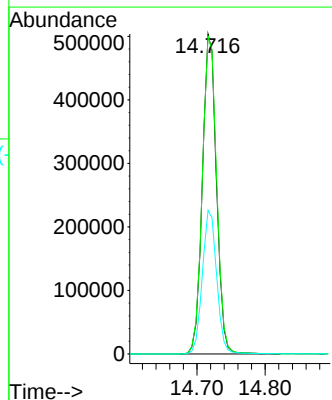
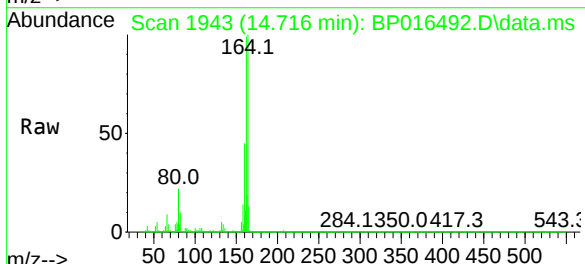
Tgt Ion:164 Resp: 721428

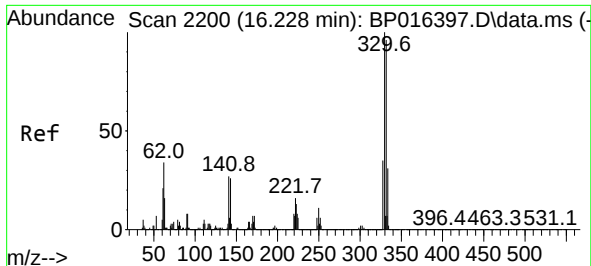
Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.6

160 44.9 36.6 55.0

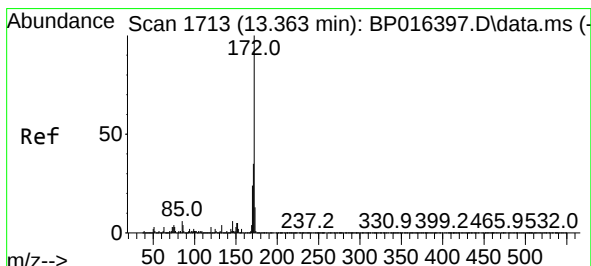
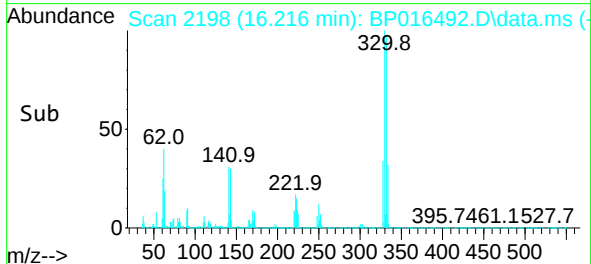
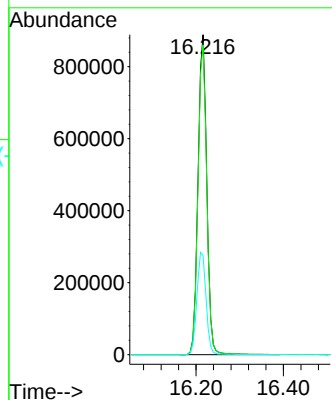
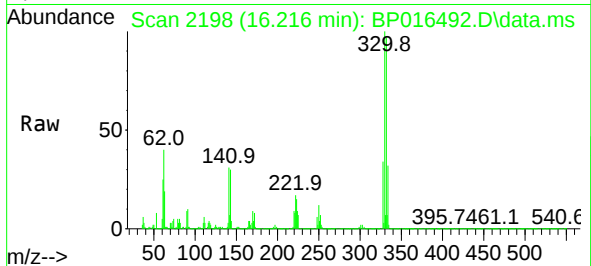




#42
2,4,6-Tribromophenol
Concen: 116.813 ng
RT: 16.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

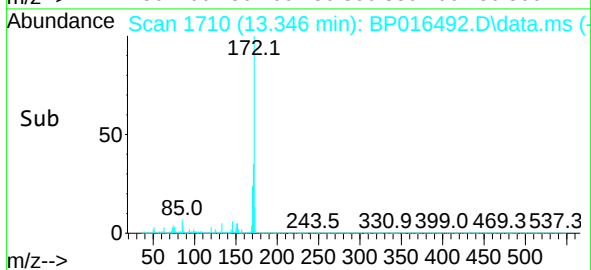
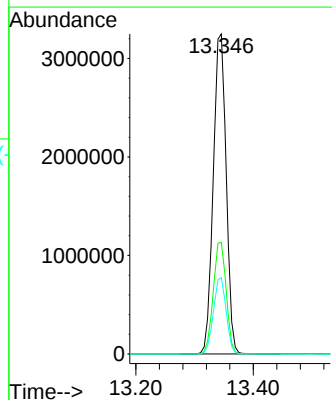
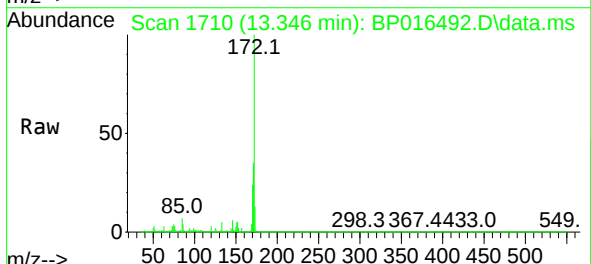
Instrument :
BNA_P
ClientSampleId :
PB154350BL

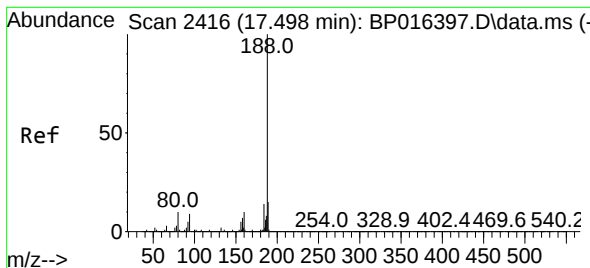
Tgt Ion:330 Resp: 1239765
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 33.8 22.6 34.0



#45
2-Fluorobiphenyl
Concen: 98.654 ng
RT: 13.346 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BP016492.D
Acq: 03 Aug 2023 15:07

Tgt Ion:172 Resp: 4964287
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP016492.D

Acq: 03 Aug 2023 15:07

Instrument :

BNA_P

ClientSampleId :

PB154350BL

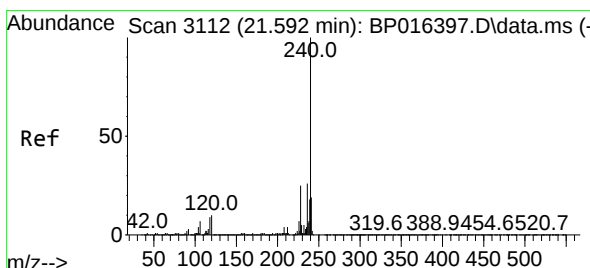
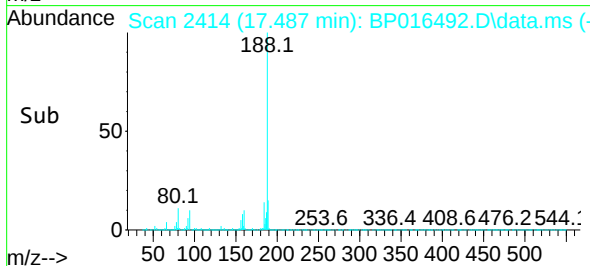
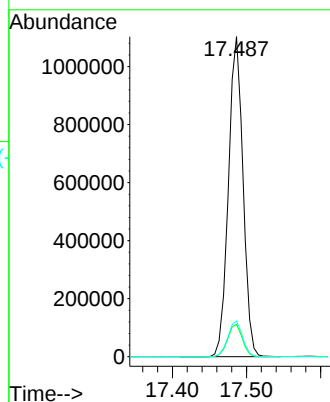
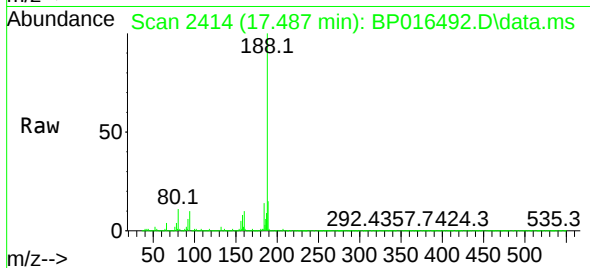
Tgt Ion:188 Resp: 1503614

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 11.1 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP016492.D

Acq: 03 Aug 2023 15:07

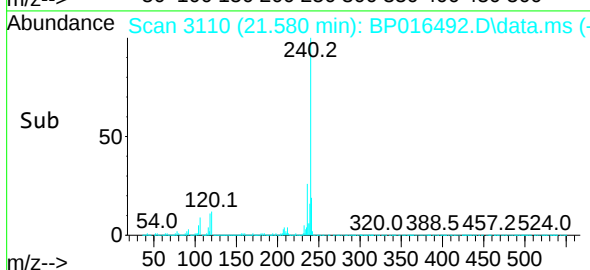
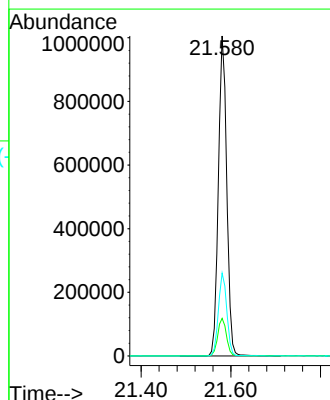
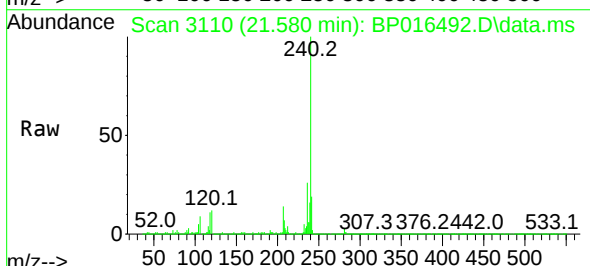
Tgt Ion:240 Resp: 1300812

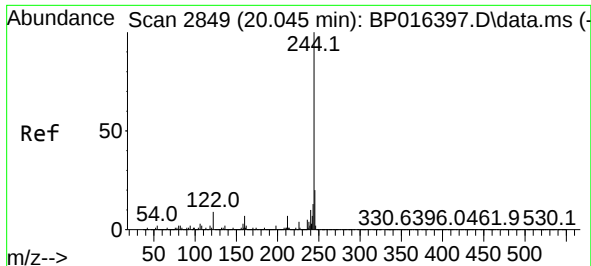
Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

236 25.9 21.1 31.7

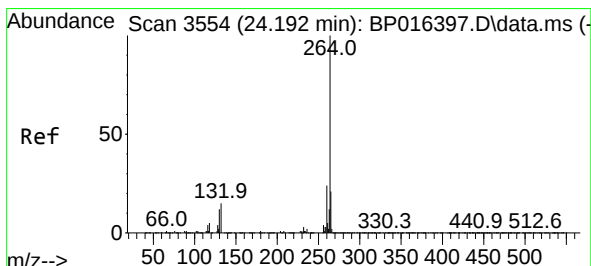
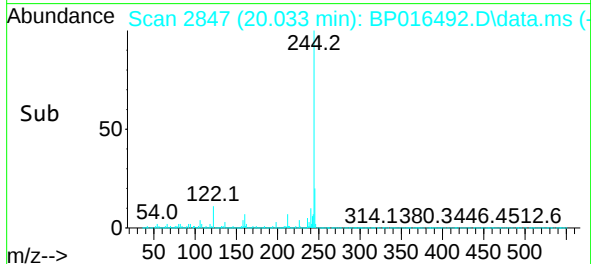
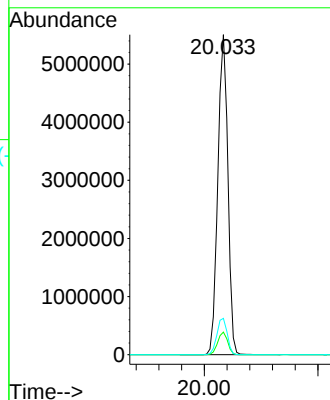
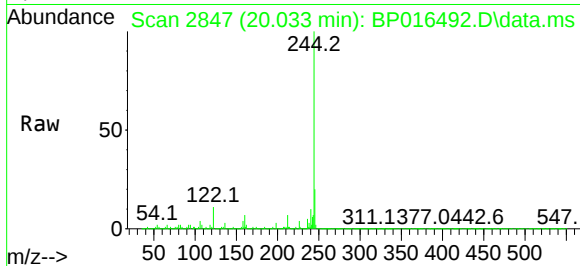




#79
 Terphenyl-d14
 Concen: 109.017 ng
 RT: 20.033 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016492.D
 Acq: 03 Aug 2023 15:07

Instrument :
 BNA_P
 ClientSampleId :
 PB154350BL

Tgt Ion:244 Resp: 6713180
 Ion Ratio Lower Upper
 244 100
 212 7.0 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. -0.006 min
 Lab File: BP016492.D
 Acq: 03 Aug 2023 15:07

Tgt Ion:264 Resp: 1444517
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.1 17.4 26.0

