

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016474.D
 Acq On : 02 Aug 2023 18:11
 Operator : MA/JU
 Sample : 03831-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-18-20230727

Quant Time: Aug 02 21:48:05 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	8.075	152	396674	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1697853	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1026413	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2224144	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1638852	20.000	ng	0.00
86) Perylene-d12	24.180	264	1507215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1515653	62.335	ng	-0.02
7) Phenol-d6	7.210	99	1201704	36.057	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2991092	98.617	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1848318	122.405	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	6707043	93.683	ng	-0.01
79) Terphenyl-d14	20.039	244	8663639	111.671	ng	0.00

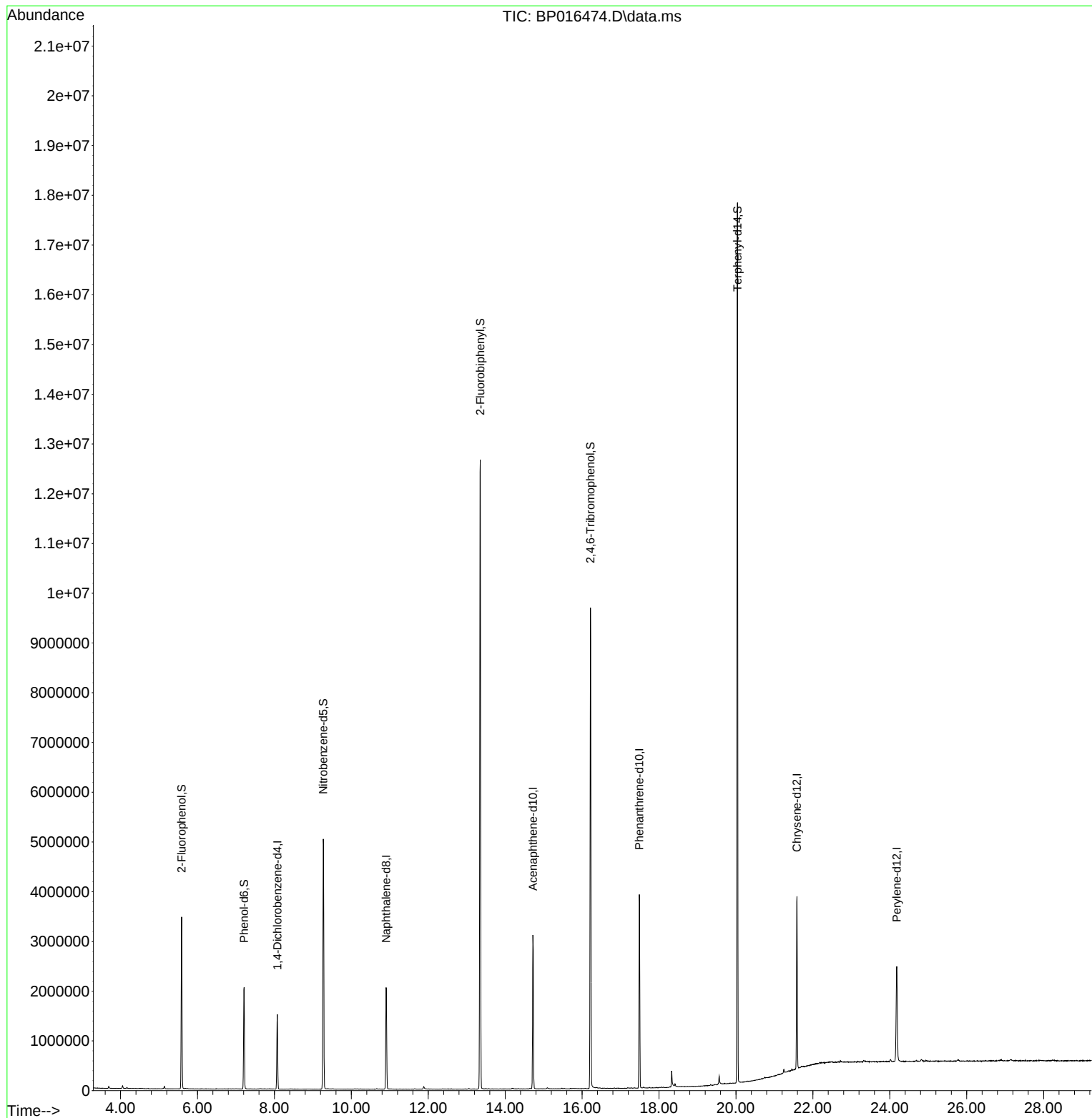
Target Compounds	Qvalue

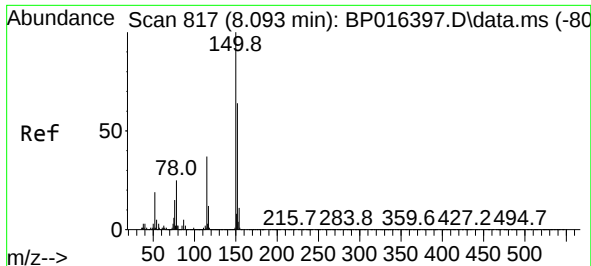
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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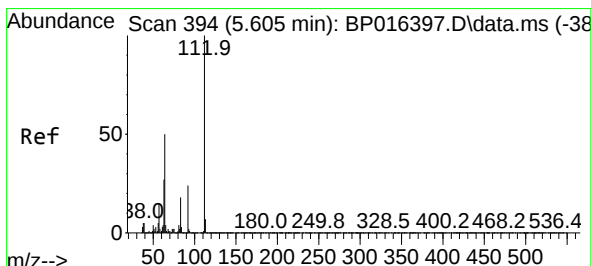
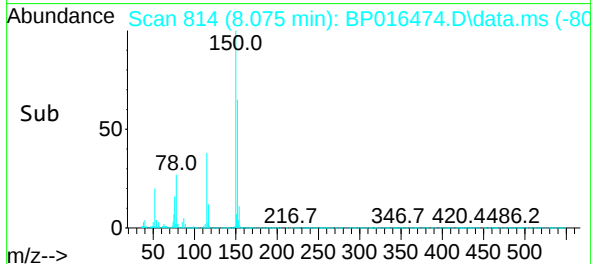
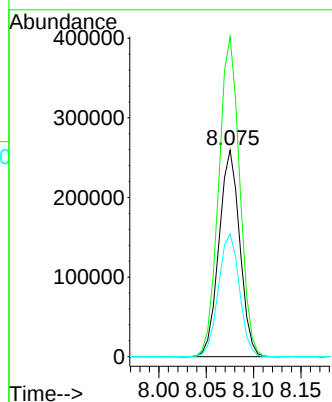
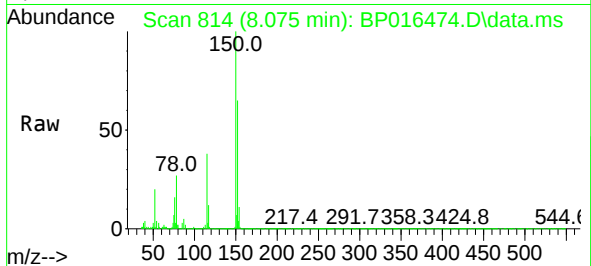




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

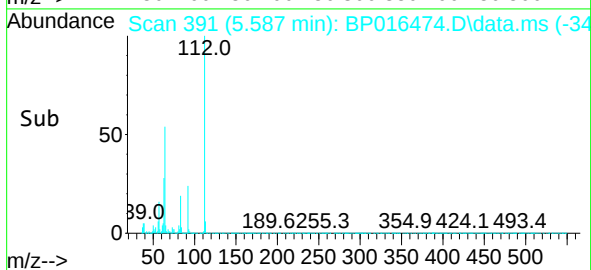
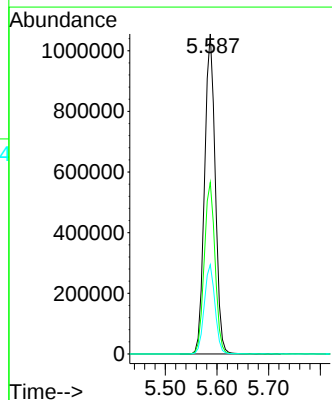
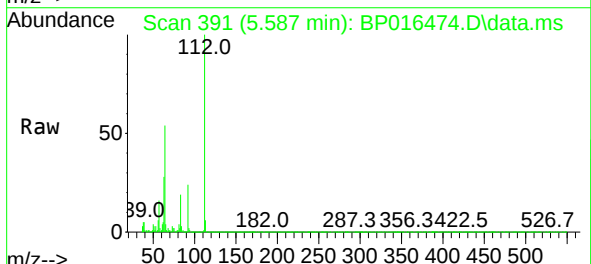
Instrument :
BNA_P
ClientSampleId :
MW-18-20230727

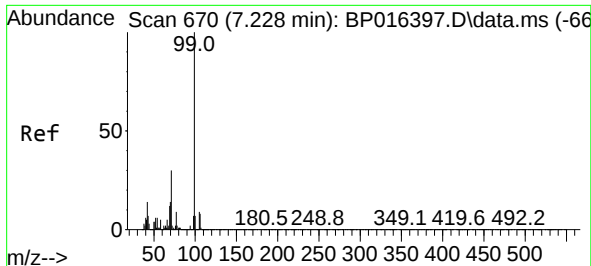
Tgt Ion:152 Resp: 396674
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 59.4 46.8 70.2



#5
2-Fluorophenol
Concen: 62.335 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion:112 Resp: 1515653
Ion Ratio Lower Upper
112 100
64 53.6 40.0 60.0
63 27.9 21.2 31.8

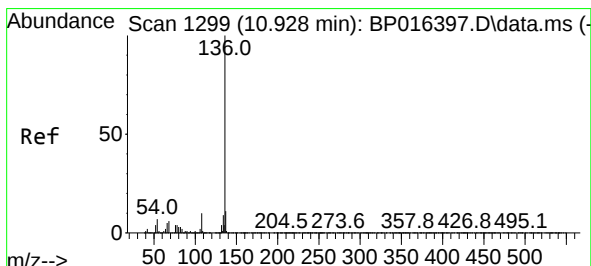
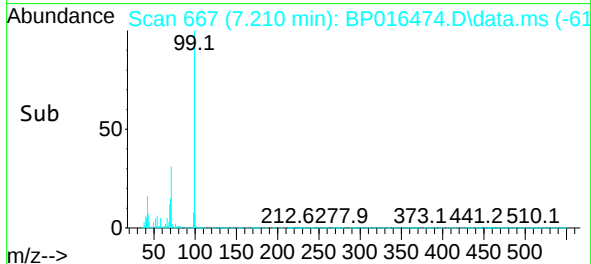
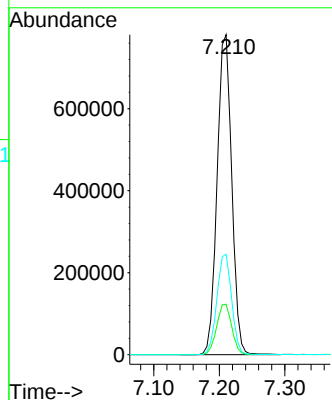
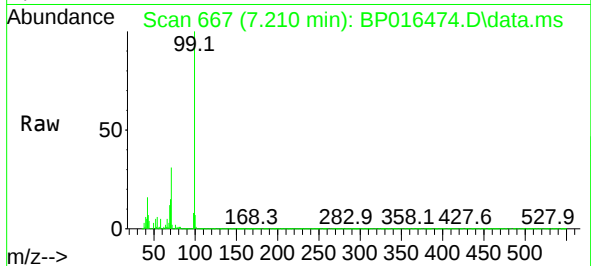




#7
Phenol-d6
Concen: 36.057 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

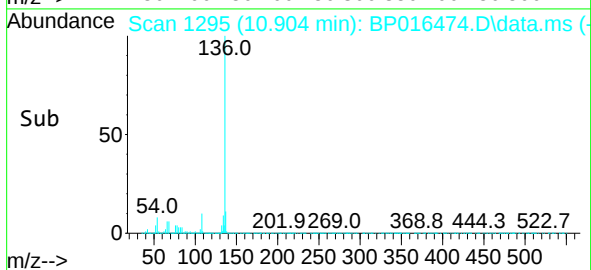
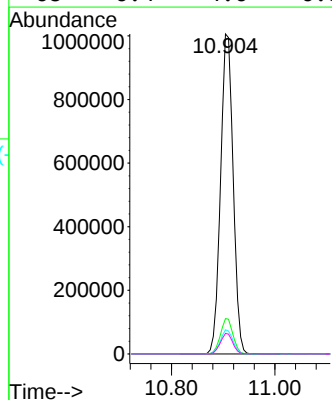
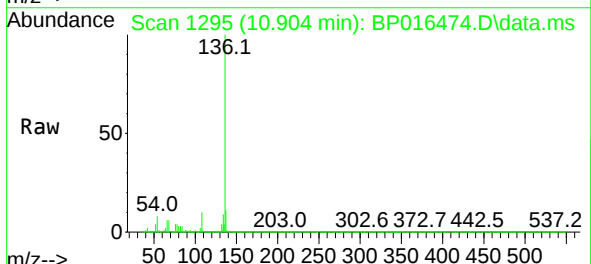
Instrument :
BNA_P
ClientSampleId :
MW-18-20230727

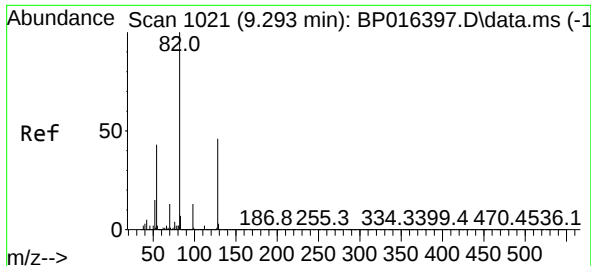
Tgt Ion: 99 Resp: 1201704
Ion Ratio Lower Upper
99 100
42 15.8 11.6 17.4
71 31.4 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion:136 Resp: 1697853
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.6 5.6 8.4
68 6.4 4.6 6.8

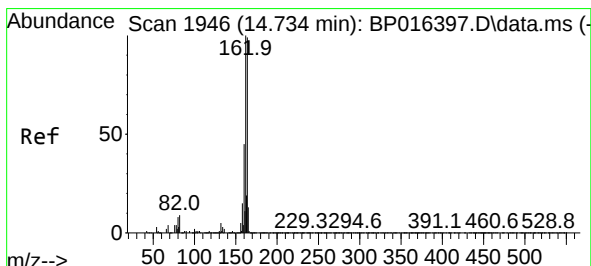
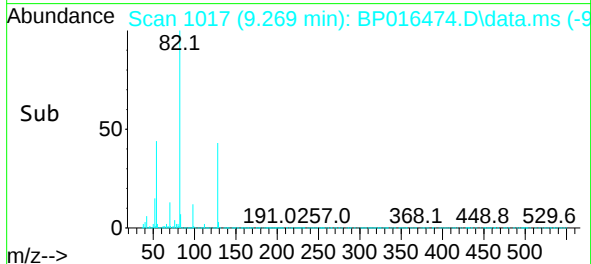
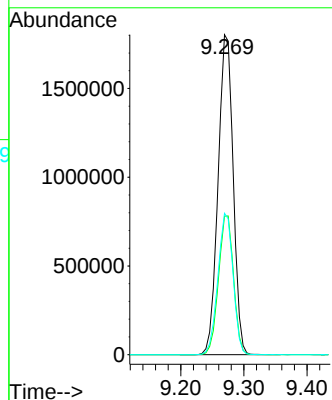
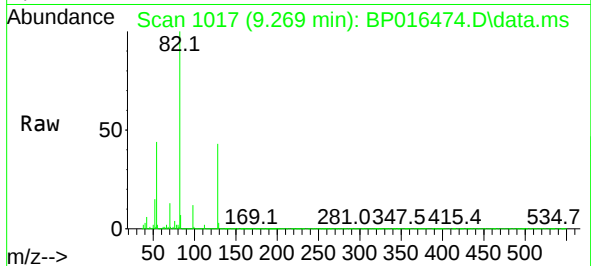




#23
Nitrobenzene-d5
Concen: 98.617 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

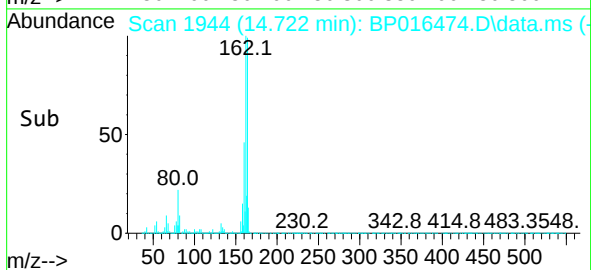
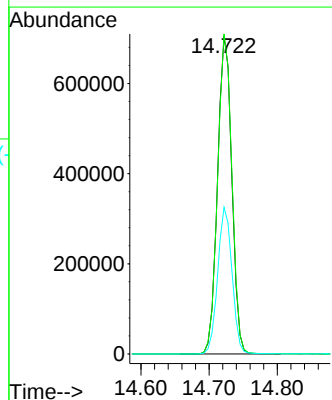
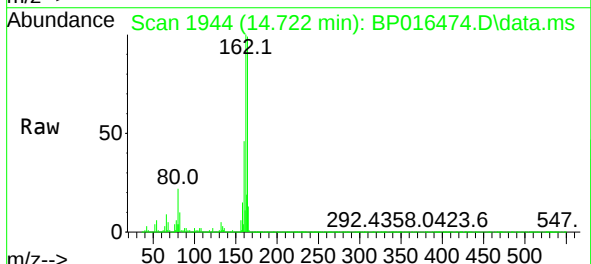
Instrument :
BNA_P
ClientSampleId :
MW-18-20230727

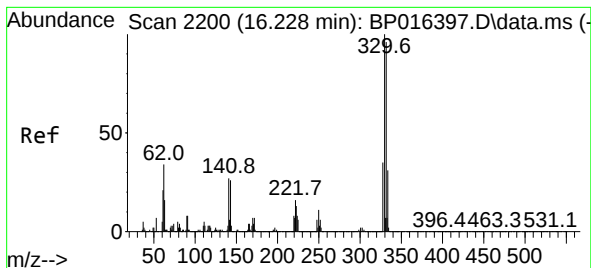
Tgt Ion: 82 Resp: 2991092
Ion Ratio Lower Upper
82 100
128 43.3 36.6 55.0
54 44.2 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion:164 Resp: 1026413
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 46.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 122.405 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Instrument :

BNA_P

ClientSampleId :

MW-18-20230727

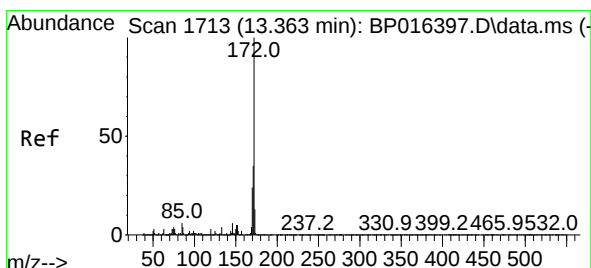
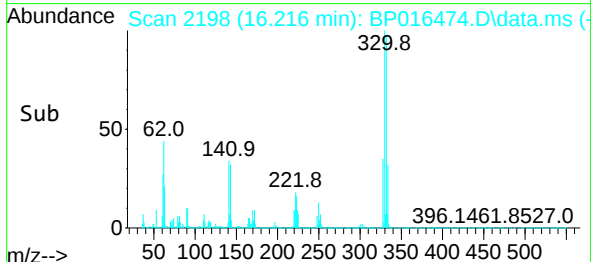
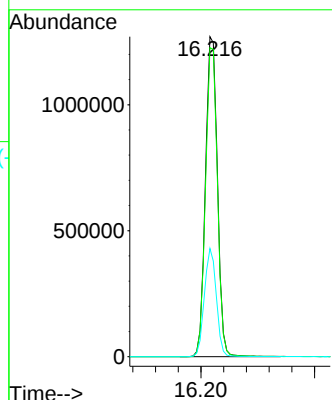
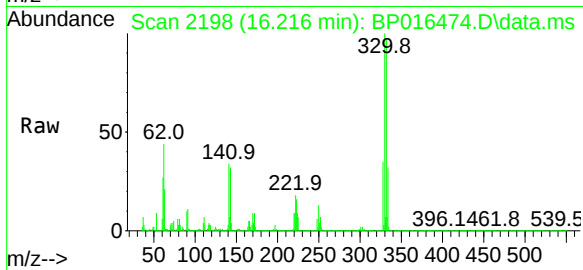
Tgt Ion:330 Resp: 1848318

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 34.0 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 93.683 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

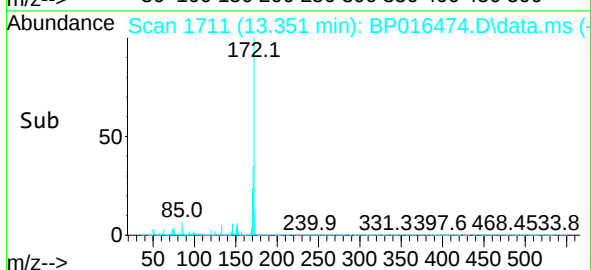
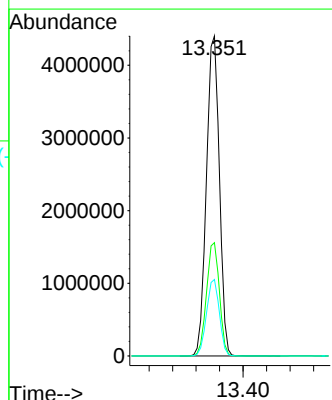
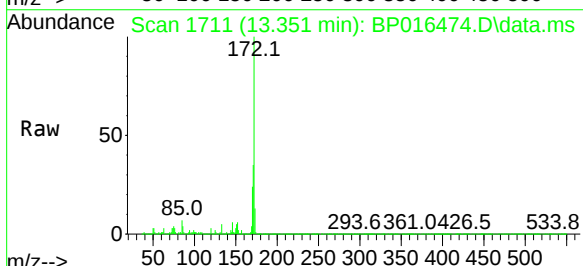
Tgt Ion:172 Resp: 6707043

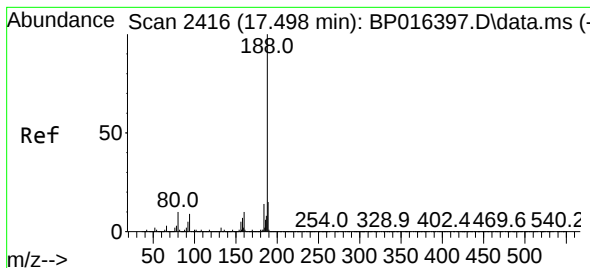
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.9 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: BP016474.D

Acq: 02 Aug 2023 18:11

Instrument :

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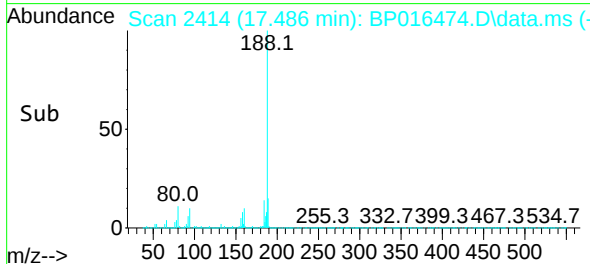
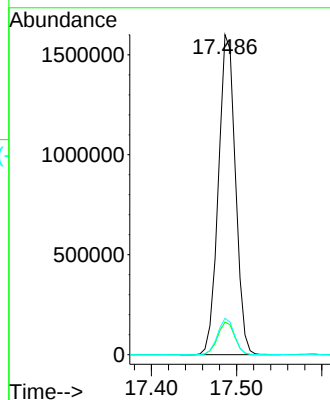
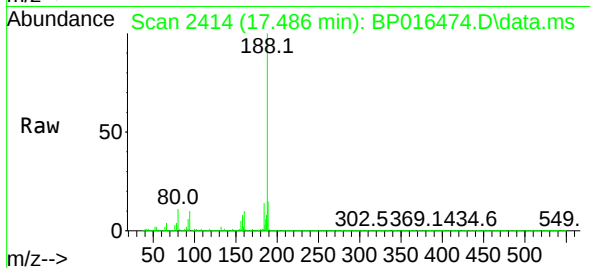
Tgt Ion:188 Resp: 2224144

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 11.4 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

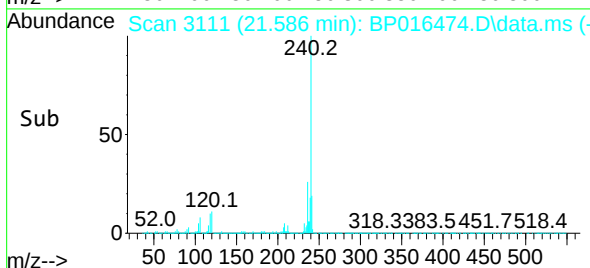
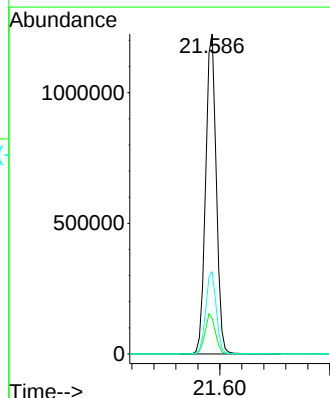
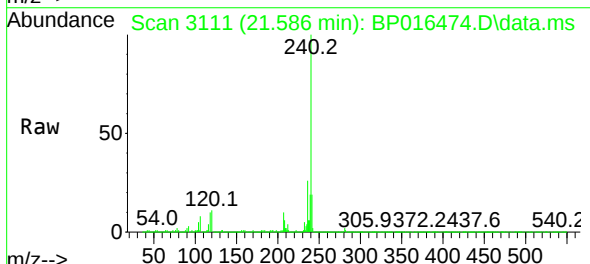
Tgt Ion:240 Resp: 1638852

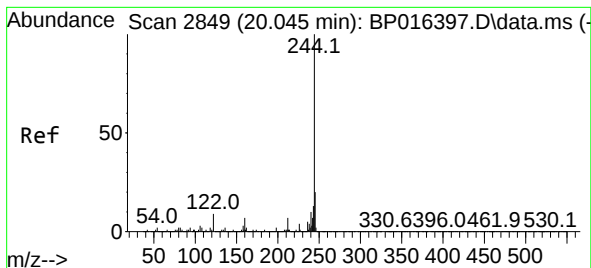
Ion Ratio Lower Upper

240 100

120 11.2 7.9 11.9

236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 111.671 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Instrument :

BNA_P

ClientSampleId :

MW-18-20230727

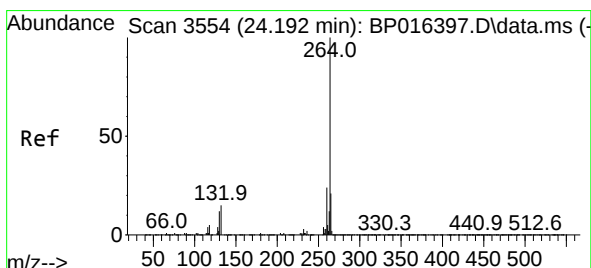
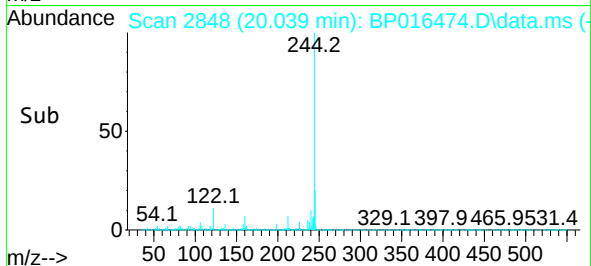
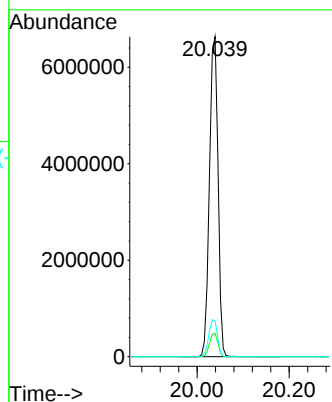
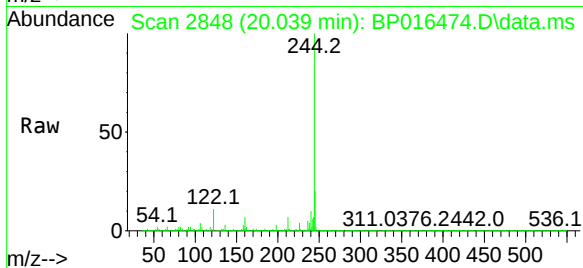
Tgt Ion:244 Resp: 8663639

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.2 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Tgt Ion:264 Resp: 1507215

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.8 17.4 26.0

