

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016453.D
 Acq On : 01 Aug 2023 13:21
 Operator : MA/JU
 Sample : 03686-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-18-16-18-20230720

Quant Time: Aug 01 15:52:50 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	379321	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1659280	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	985892	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2103304	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1532877	20.000	ng	0.00
86) Perylene-d12	24.186	264	1422637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2935685	126.260	ng	-0.02
7) Phenol-d6	7.216	99	3951010	123.974	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2310673	77.954	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	763479	52.640	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5283131	76.827	ng	-0.01
79) Terphenyl-d14	20.039	244	7496983	103.314	ng	0.00

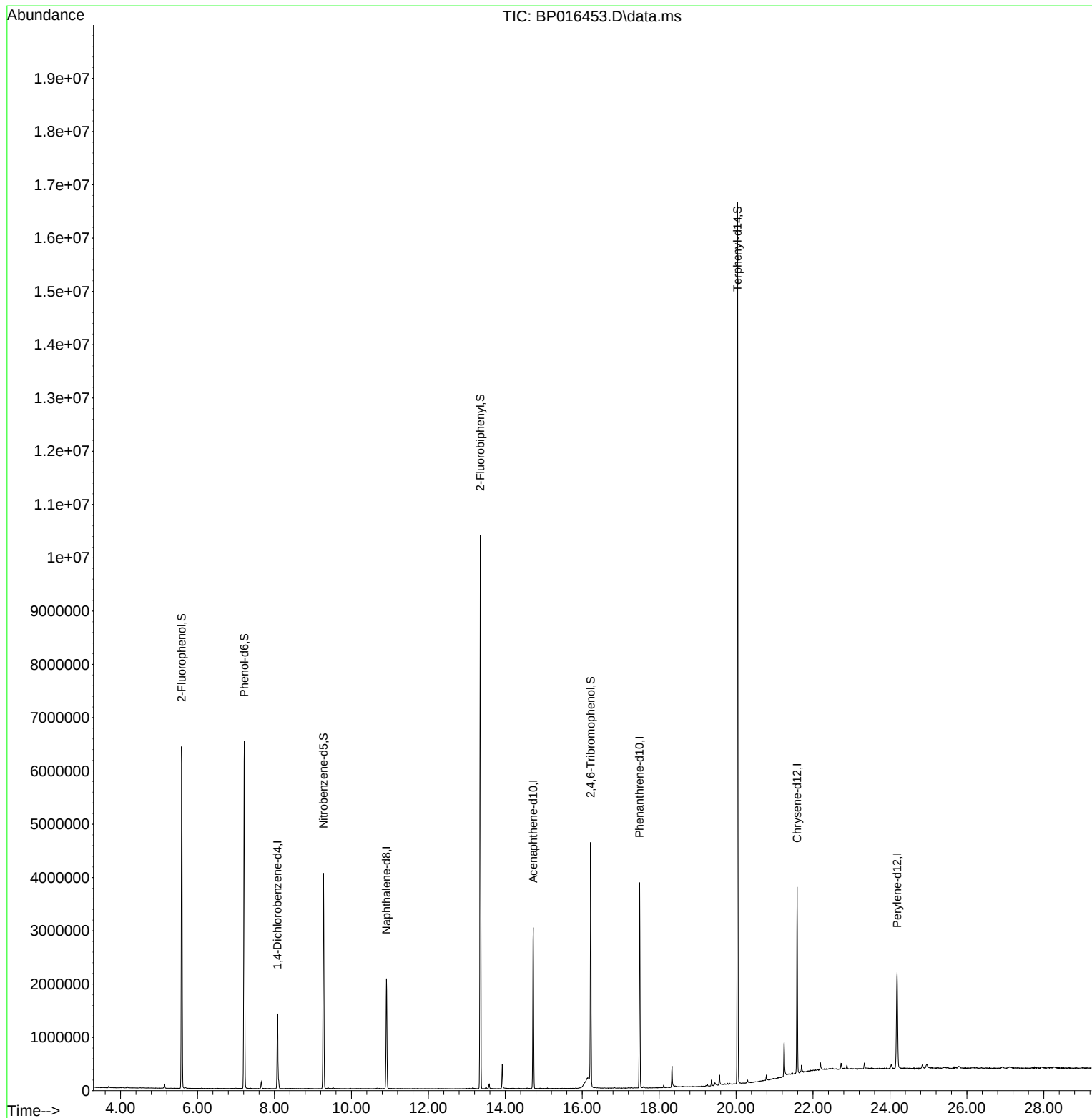
Target Compounds	Qvalue

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

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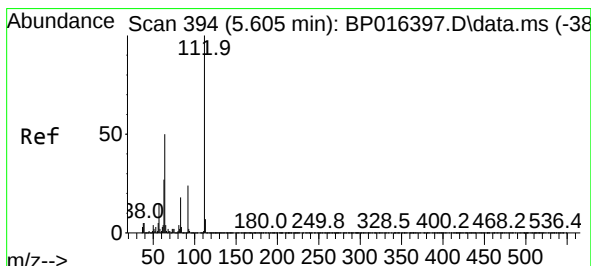
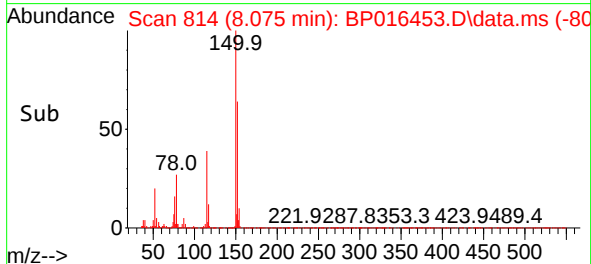
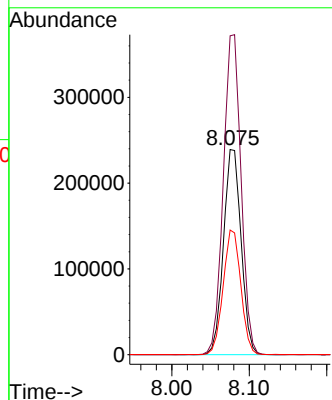
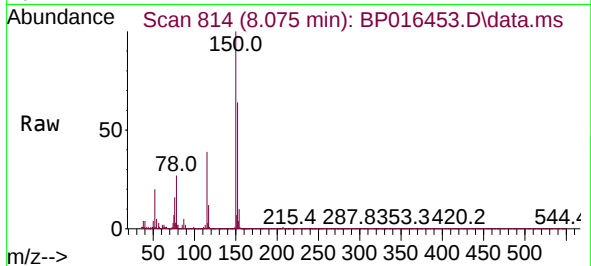




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 817
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

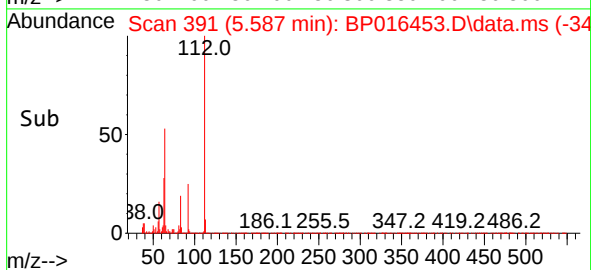
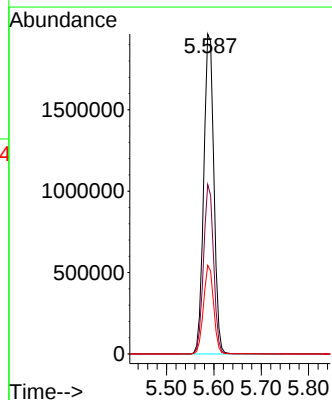
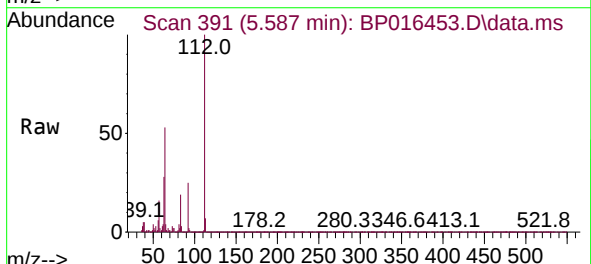
Instrument :
BNA_P
ClientSampleId :
SB-18-16-18-20230720

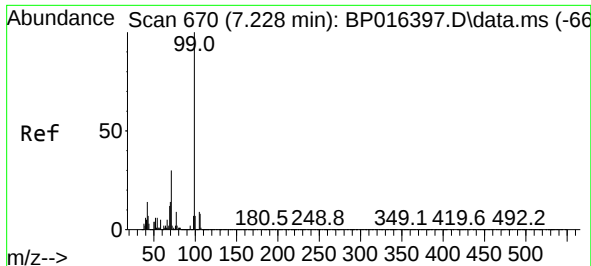
Tgt Ion:152 Resp: 379321
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 60.8 46.8 70.2



#5
2-Fluorophenol
Concen: 126.260 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:112 Resp: 2935685
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 27.7 21.2 31.8

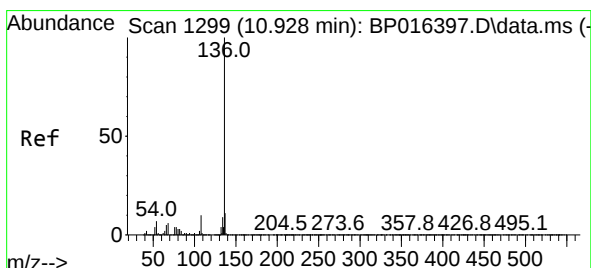
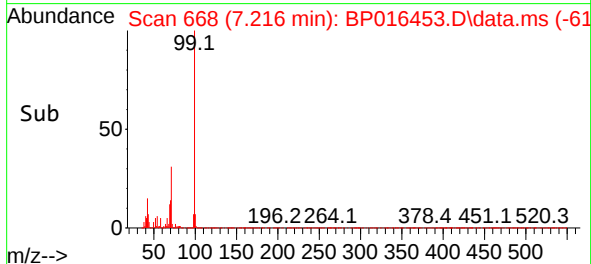
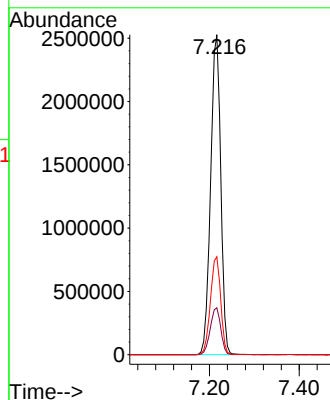
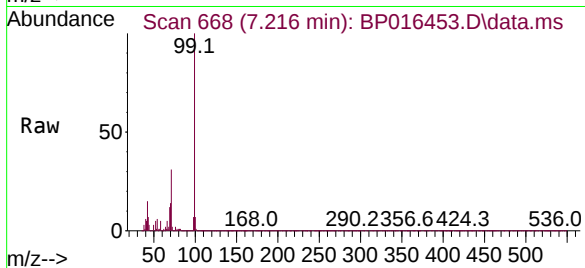




#7
Phenol-d6
Concen: 123.974 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

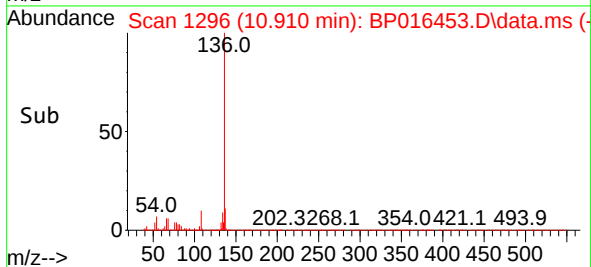
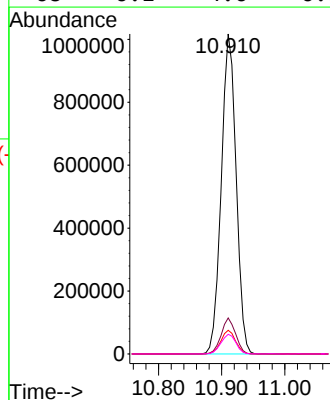
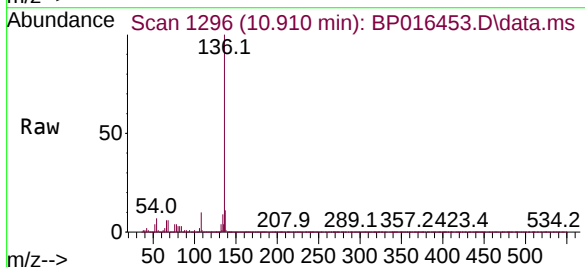
Instrument :
BNA_P
ClientSampleId :
SB-18-16-18-20230720

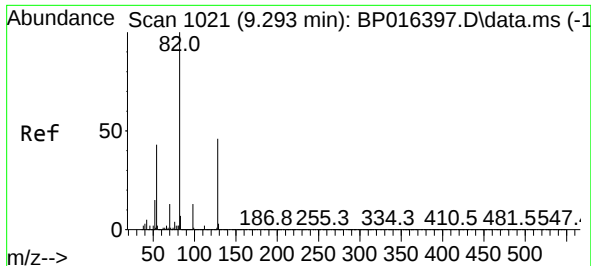
Tgt Ion: 99 Resp: 3951010
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 30.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:136 Resp: 1659280
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.4 5.6 8.4
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 77.954 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

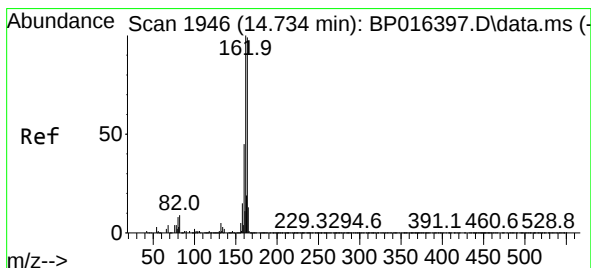
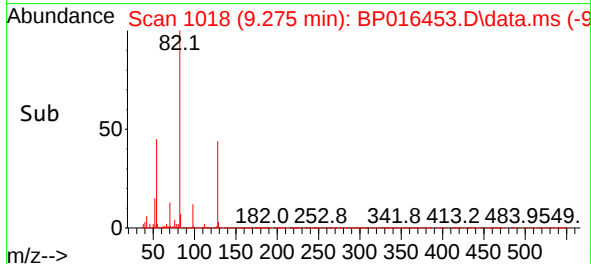
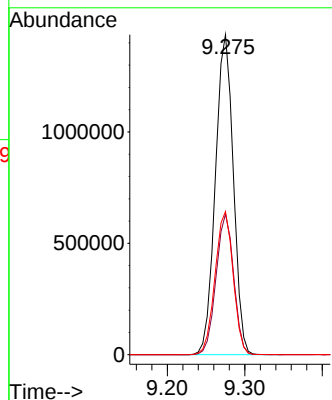
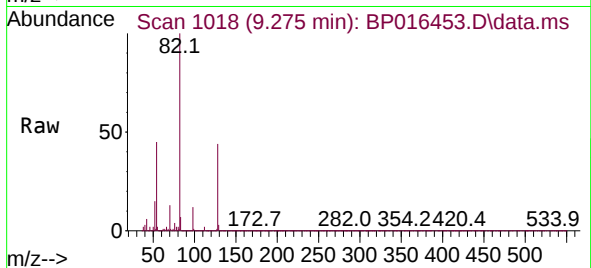
Tgt Ion: 82 Resp: 2310673

Ion Ratio Lower Upper

82 100

128 43.9 36.6 55.0

54 44.8 34.5 51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

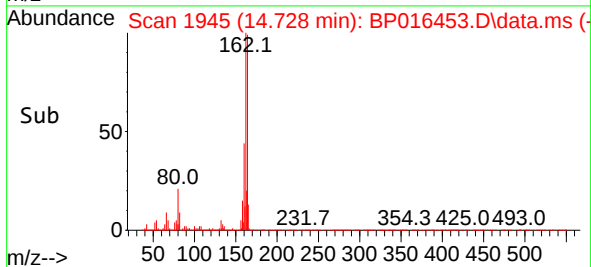
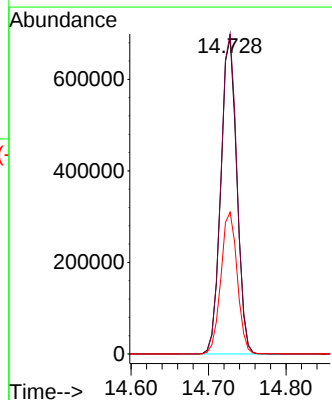
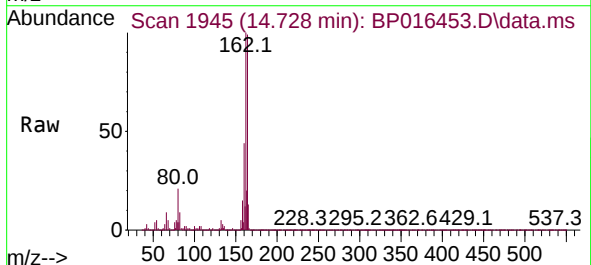
Tgt Ion: 164 Resp: 985892

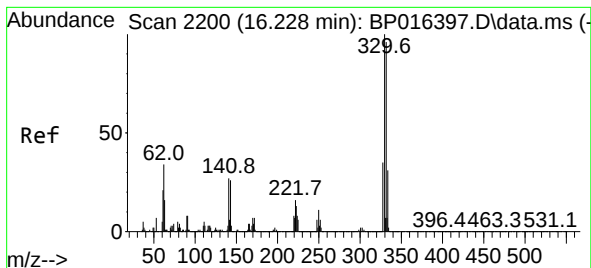
Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.6

160 44.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 52.640 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

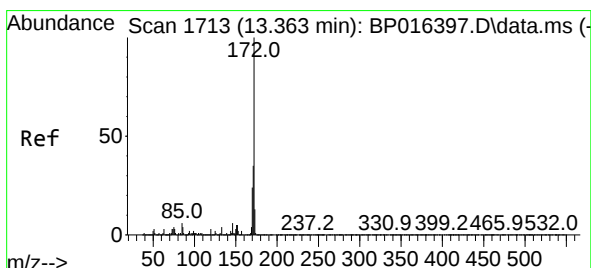
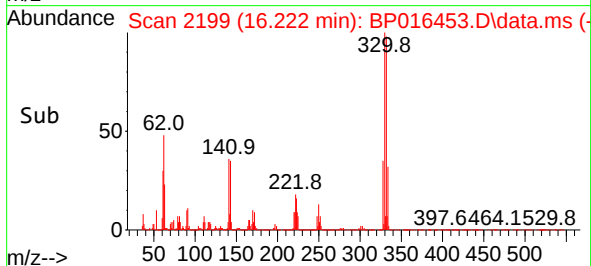
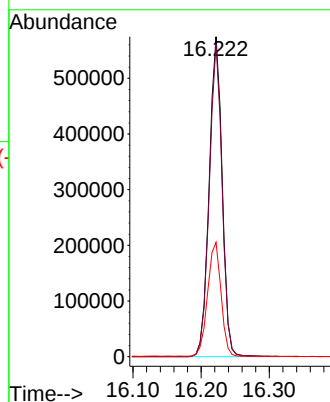
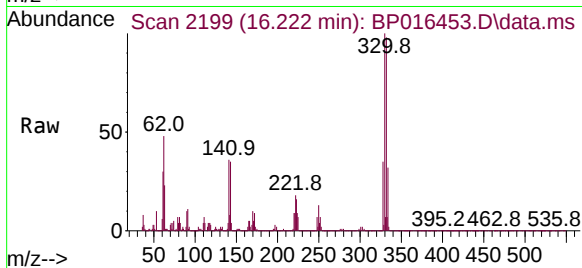
Tgt Ion:330 Resp: 763479

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 37.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 76.827 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

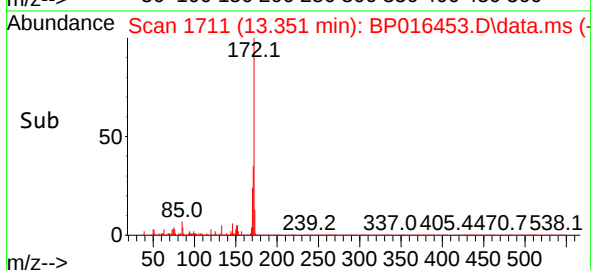
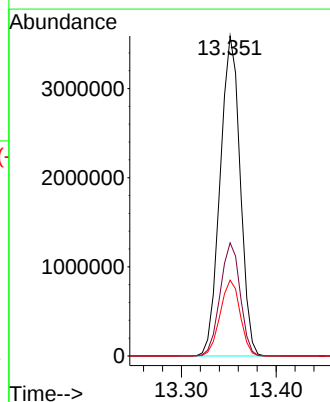
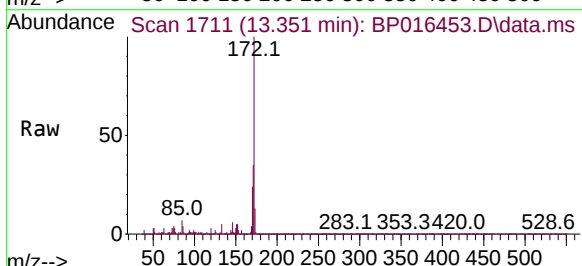
Tgt Ion:172 Resp: 5283131

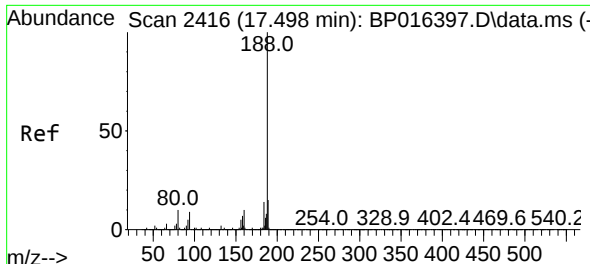
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.7 19.1 28.7

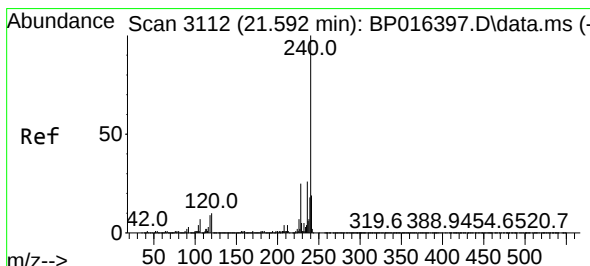
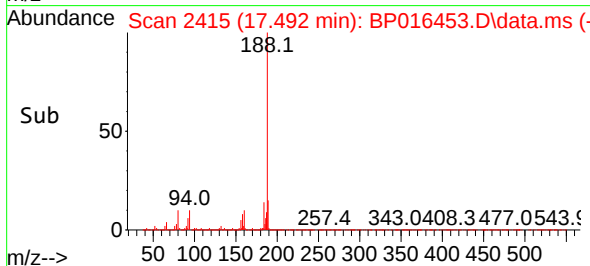
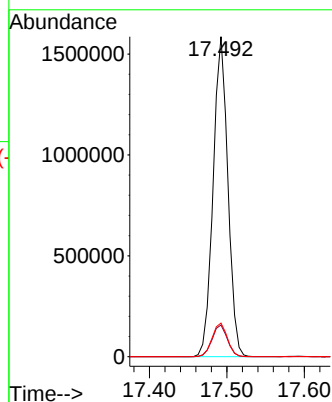
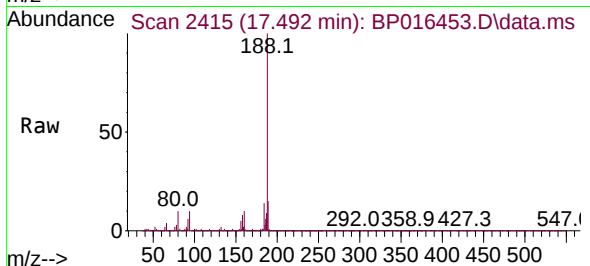




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

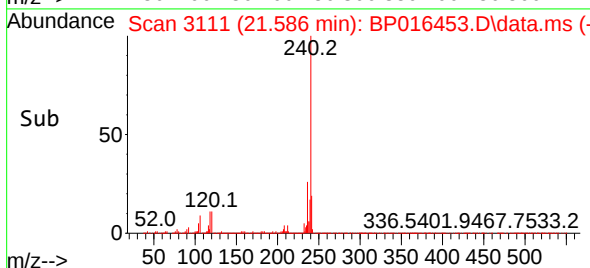
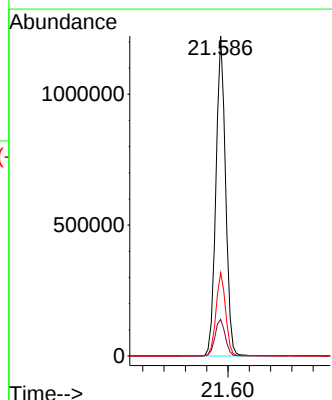
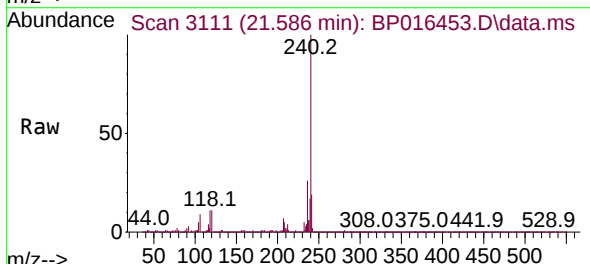
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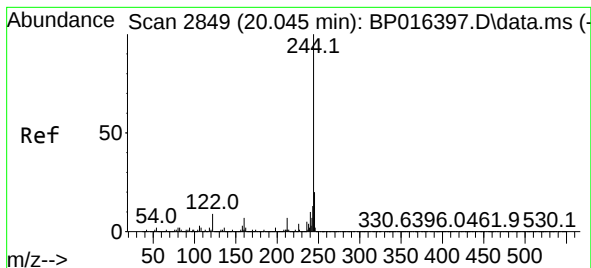
Tgt Ion:188 Resp: 2103304
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:240 Resp: 1532877
Ion Ratio Lower Upper
240 100
120 11.4 7.9 11.9
236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 103.314 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

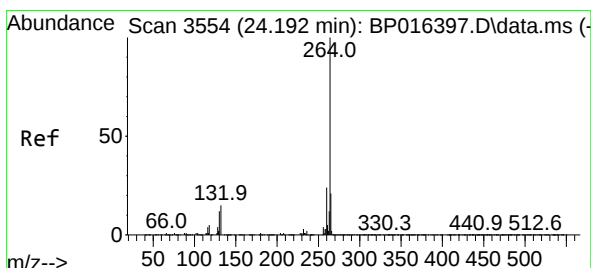
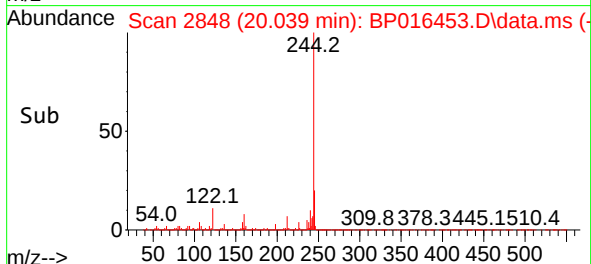
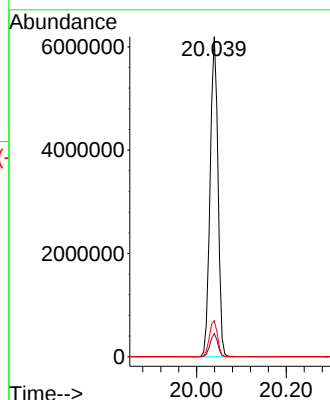
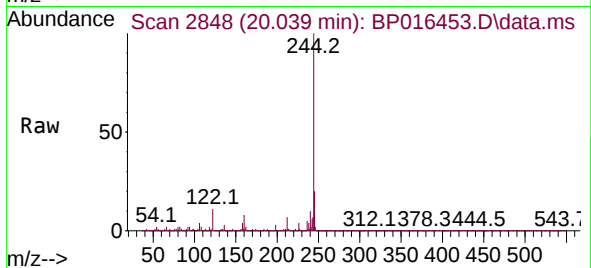
Tgt Ion:244 Resp: 7496983

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: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Tgt Ion:264 Resp: 1422637

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.4 26.0

