

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016477.D
 Acq On : 02 Aug 2023 19:53
 Operator : MA/JU
 Sample : 03598-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-55-(0-2)

Quant Time: Aug 02 21:49:25 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	560902	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	2362125	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1431959	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	3093734	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	2307755	20.000	ng	0.00
86) Perylene-d12	24.180	264	2206884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2983455	86.775	ng	-0.02
7) Phenol-d6	7.216	99	4002661	84.936	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2344473	55.560	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1392790	66.115	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	5246851	52.531	ng	-0.02
79) Terphenyl-d14	20.033	244	7156493	65.507	ng	-0.01

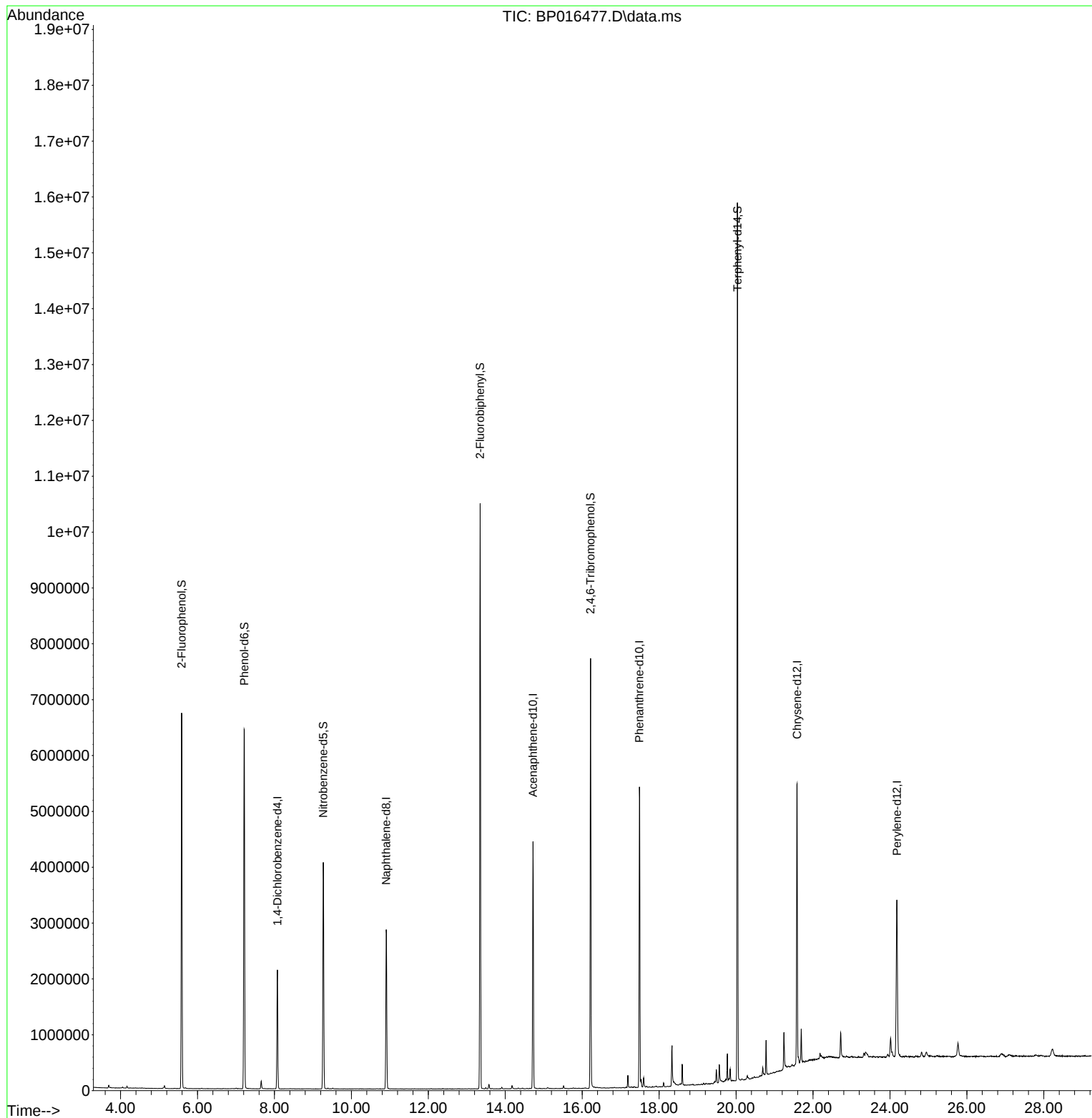
Target Compounds	Qvalue

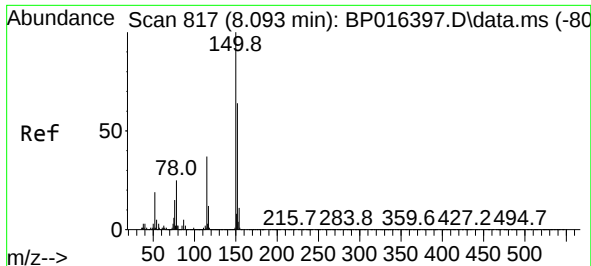
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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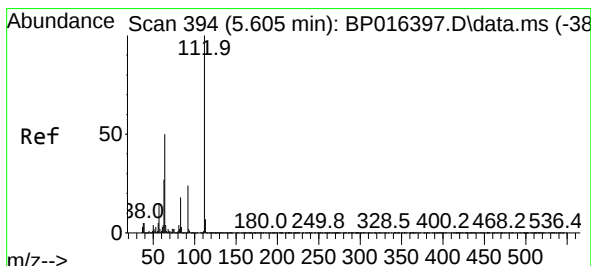
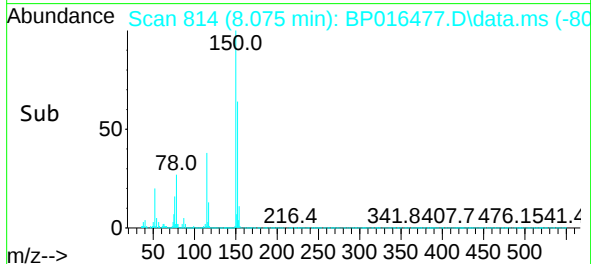
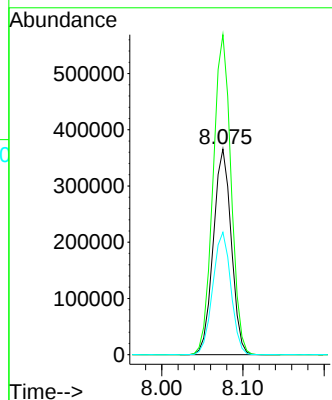
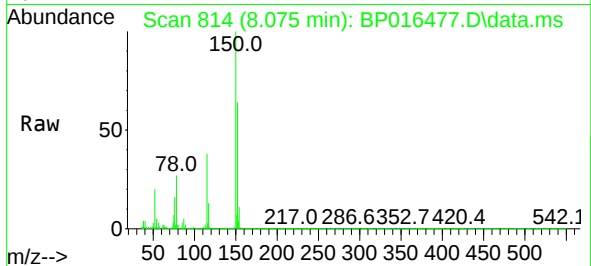




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

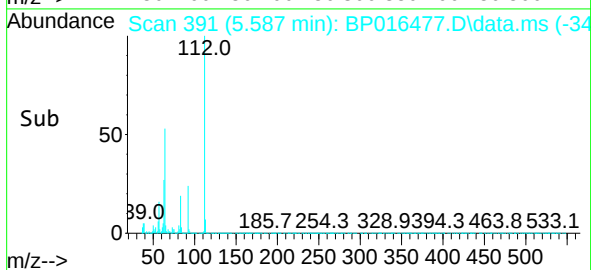
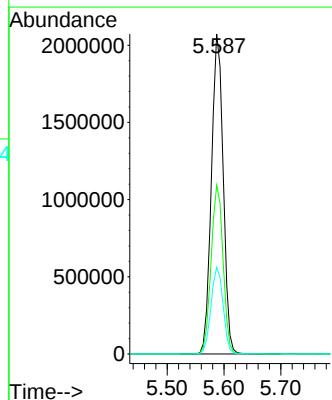
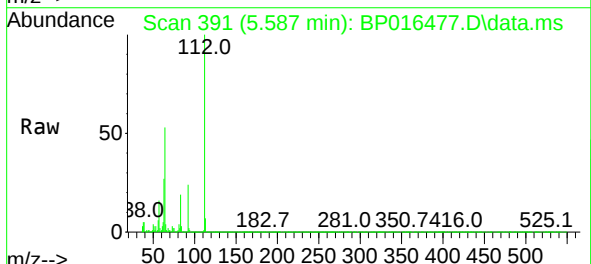
Instrument :
BNA_P
ClientSampleId :
RB-55-(0-2)

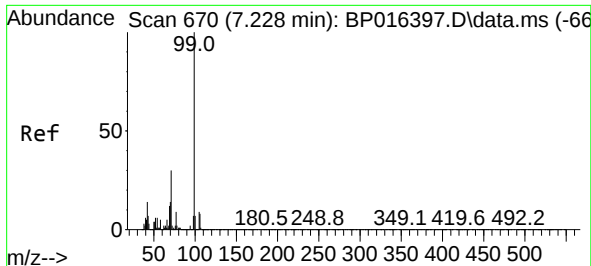
Tgt Ion:152 Resp: 560902
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 59.6 46.8 70.2



#5
2-Fluorophenol
Concen: 86.775 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

Tgt Ion:112 Resp: 2983455
Ion Ratio Lower Upper
112 100
64 52.8 40.0 60.0
63 27.1 21.2 31.8

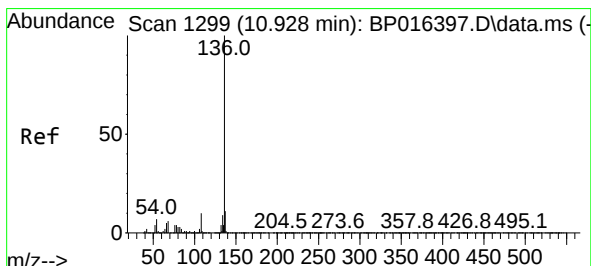
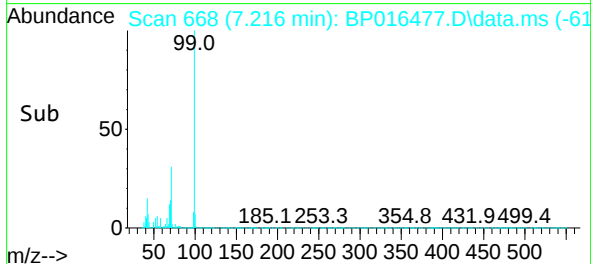
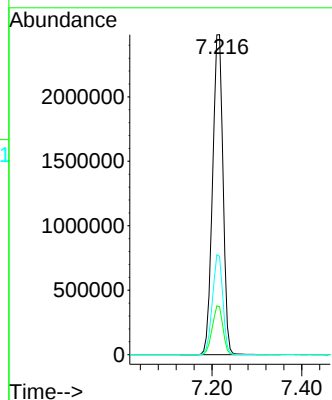
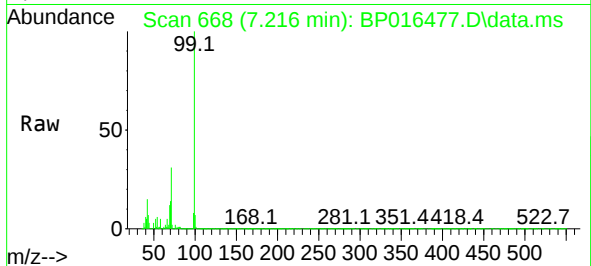




#7
Phenol-d6
Concen: 84.936 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

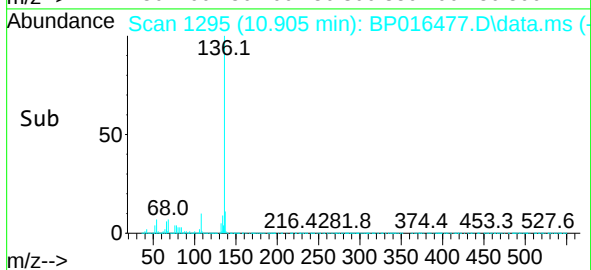
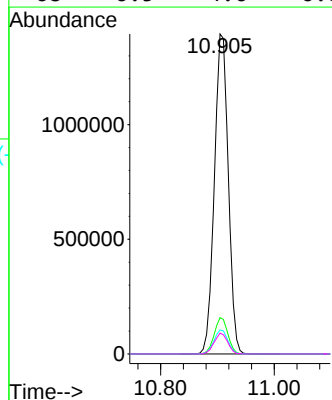
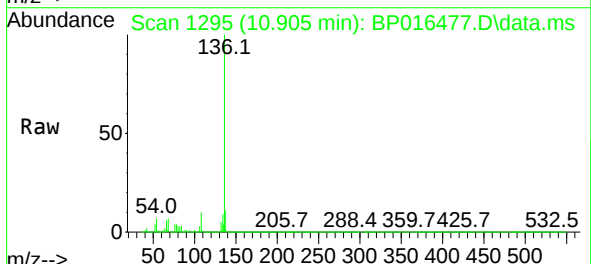
Instrument :
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ClientSampleId :
RB-55-(0-2)

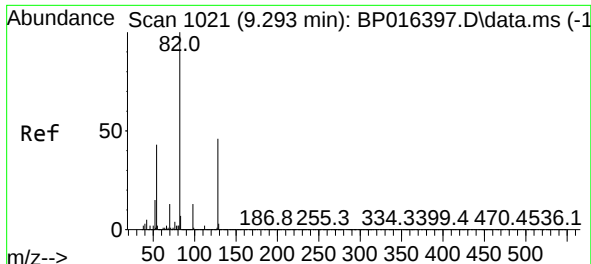
Tgt Ion: 99 Resp: 4002661
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 30.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

Tgt Ion:136 Resp: 2362125
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.5 5.6 8.4
68 6.5 4.6 6.8

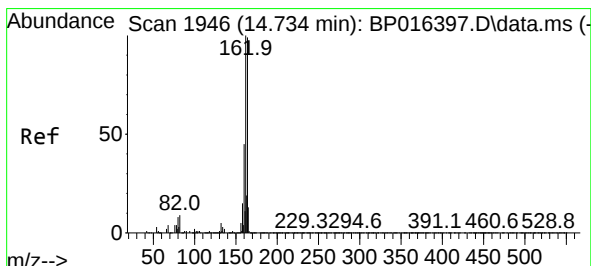
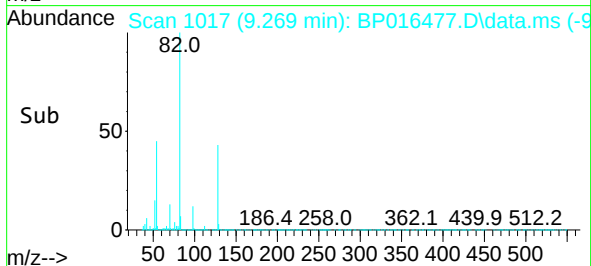
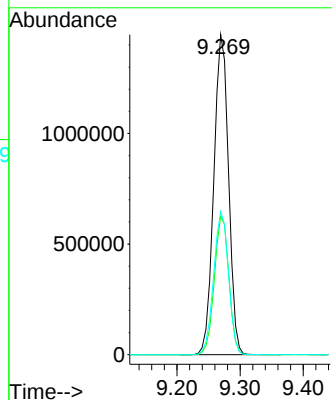
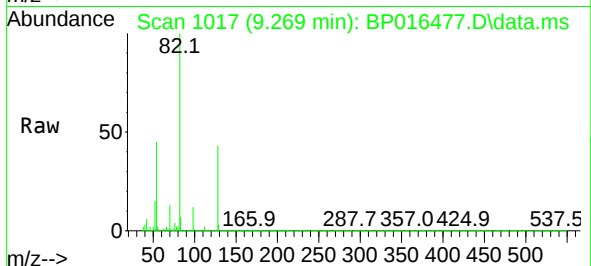




#23
Nitrobenzene-d5
Concen: 55.560 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

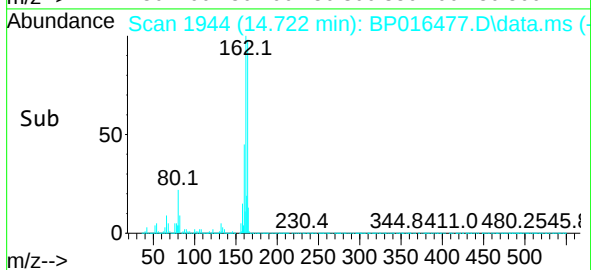
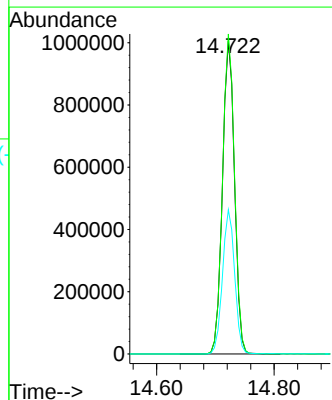
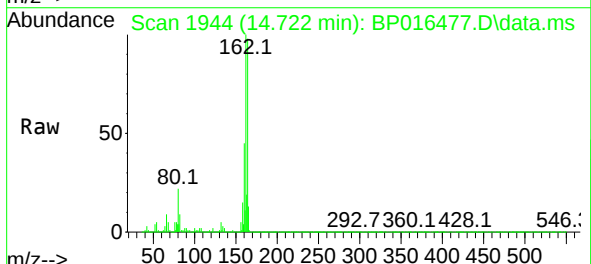
Instrument :
BNA_P
ClientSampleId :
RB-55-(0-2)

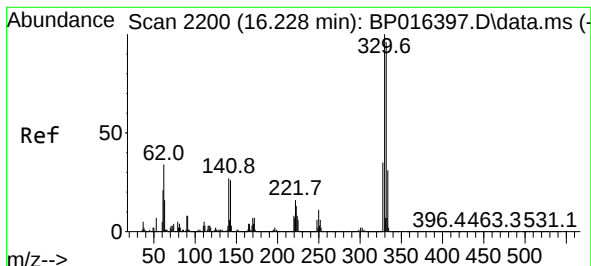
Tgt Ion: 82 Resp: 2344473
Ion Ratio Lower Upper
82 100
128 43.3 36.6 55.0
54 44.7 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

Tgt Ion:164 Resp: 1431959
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 46.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 66.115 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016477.D

Acq: 02 Aug 2023 19:53

Instrument :

BNA_P

ClientSampleId :

RB-55-(0-2)

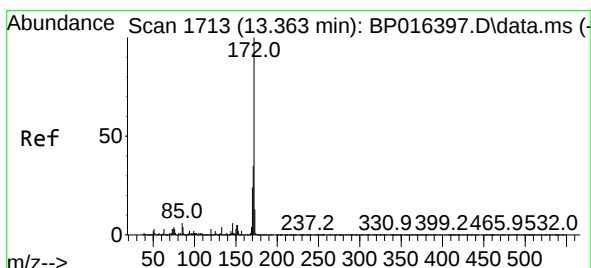
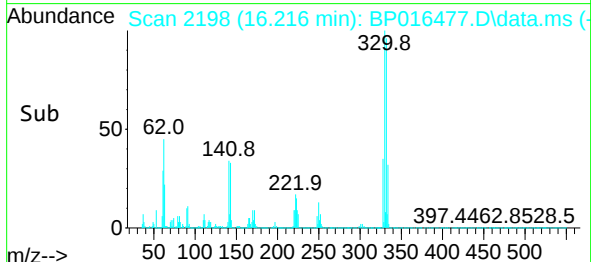
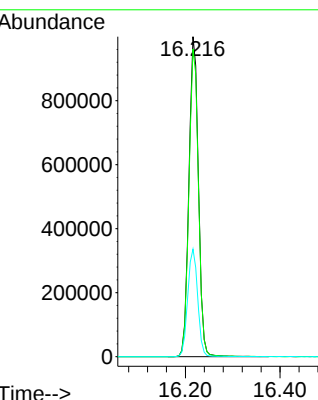
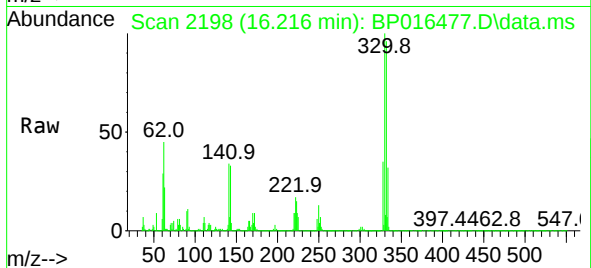
Tgt Ion:330 Resp: 1392790

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 35.2 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 52.531 ng

RT: 13.346 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016477.D

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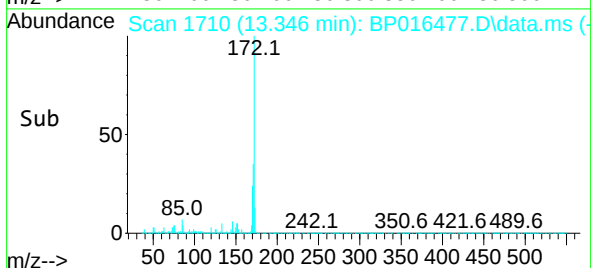
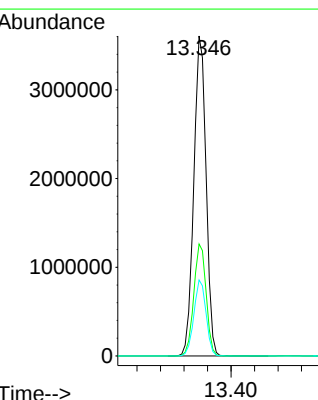
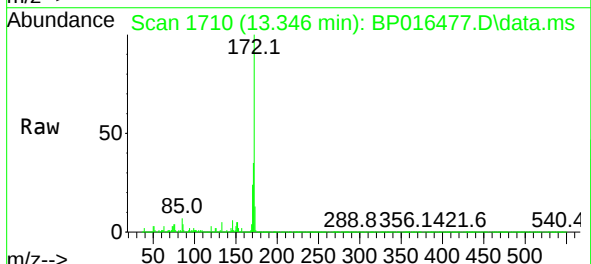
Tgt Ion:172 Resp: 5246851

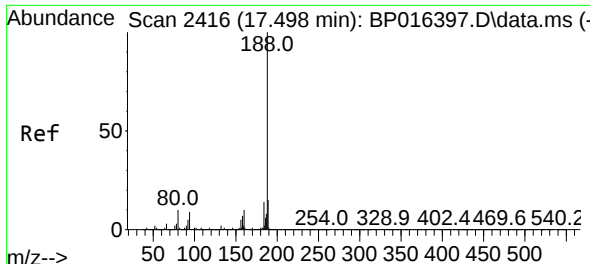
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.8 19.1 28.7

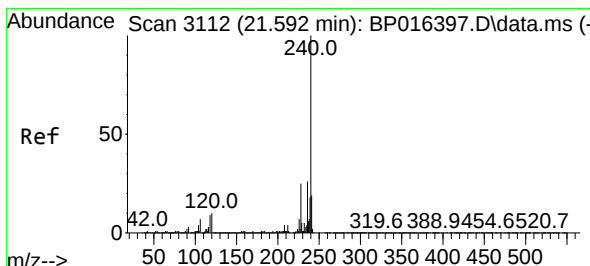
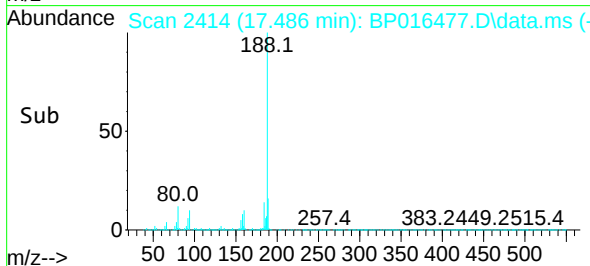
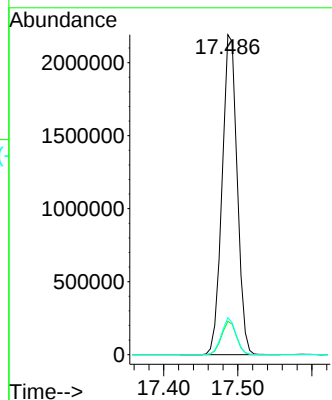
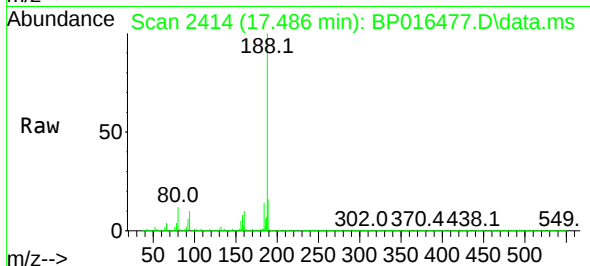




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

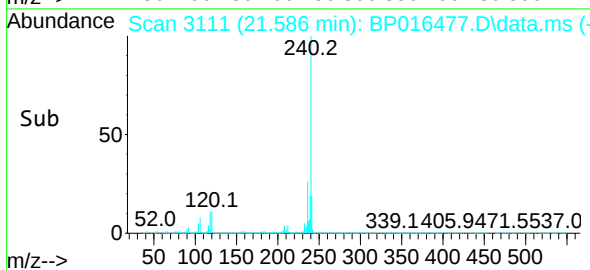
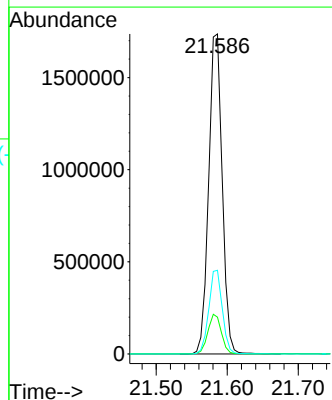
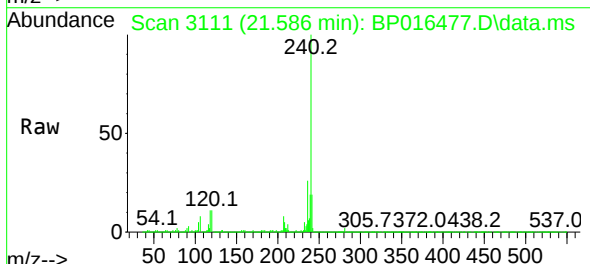
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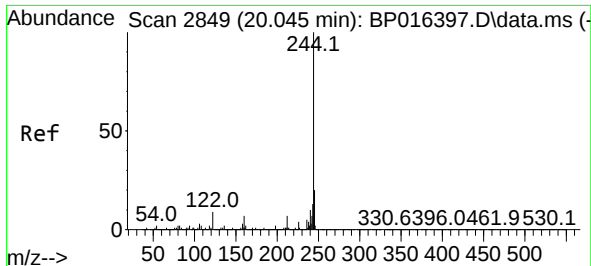
Tgt Ion:188 Resp: 3093734
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 11.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016477.D
Acq: 02 Aug 2023 19:53

Tgt Ion:240 Resp: 2307755
Ion Ratio Lower Upper
240 100
120 11.5 7.9 11.9
236 26.2 21.1 31.7

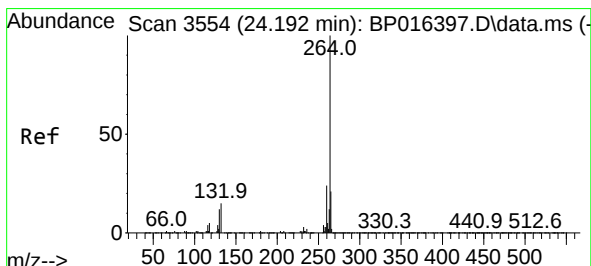
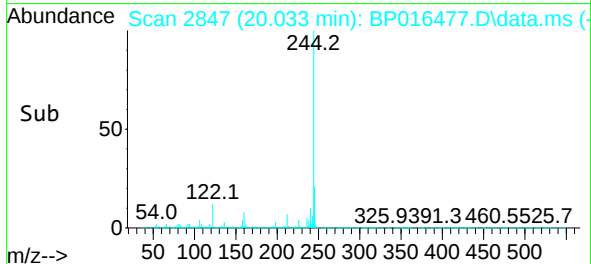
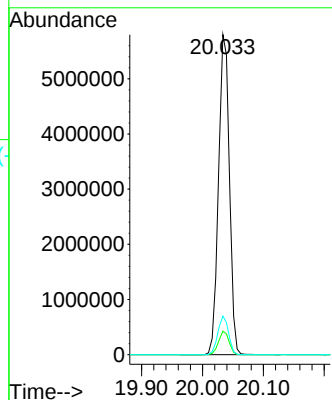
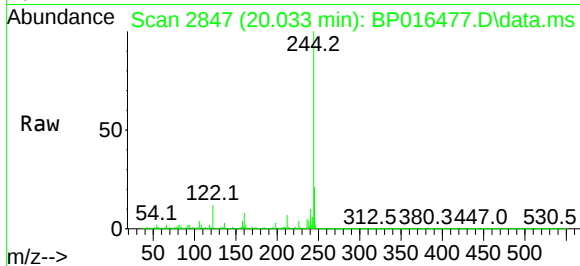




#79
 Terphenyl-d14
 Concen: 65.507 ng
 RT: 20.033 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP016477.D
 Acq: 02 Aug 2023 19:53

Instrument :
 BNA_P
 ClientSampleId :
 RB-55-(0-2)

Tgt Ion:244 Resp: 7156493
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.1 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: BP016477.D
 Acq: 02 Aug 2023 19:53

Tgt Ion:264 Resp: 2206884
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.9 17.4 26.0

