

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016482.D
 Acq On : 02 Aug 2023 22:43
 Operator : MA/JU
 Sample : 03598-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-52-(2-5)

Quant Time: Aug 02 23:22:36 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	502082	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	2121439	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1321260	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2962150	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	2456648	20.000	ng	0.00
86) Perylene-d12	24.180	264	2457470	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2597634	84.405	ng	-0.02
7) Phenol-d6	7.210	99	3468552	82.225	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2048265	54.048	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1328255	68.334	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	4726437	51.286	ng	-0.02
79) Terphenyl-d14	20.033	244	7223574	62.114	ng	-0.01

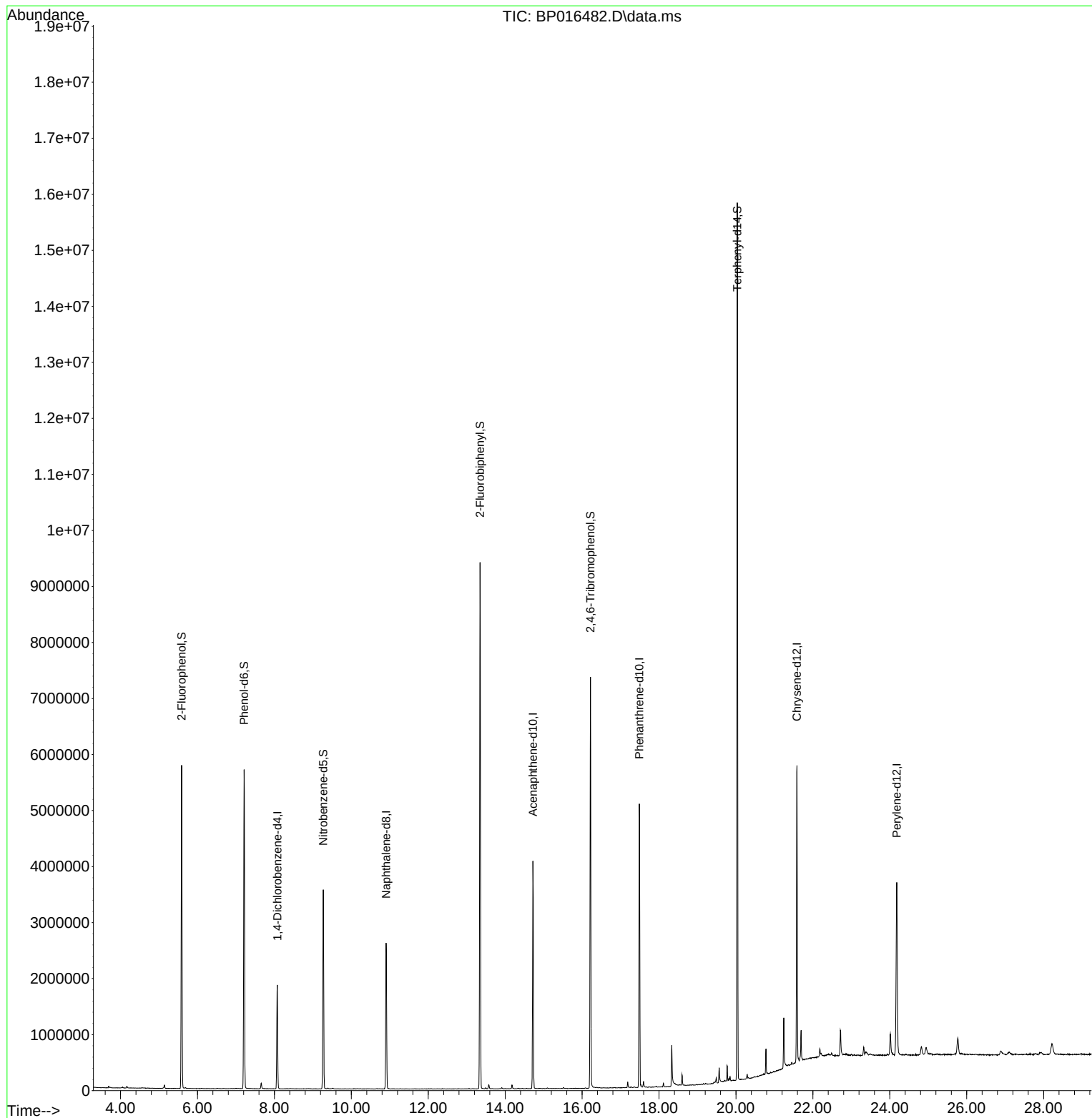
Target Compounds	Qvalue

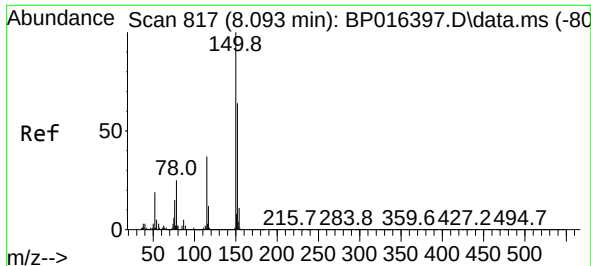
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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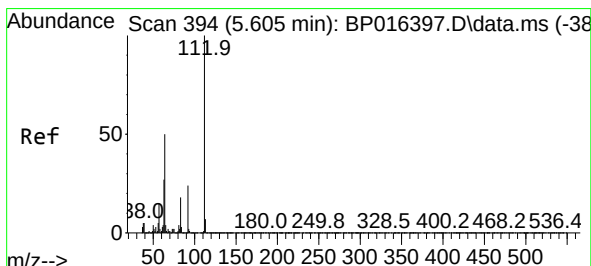
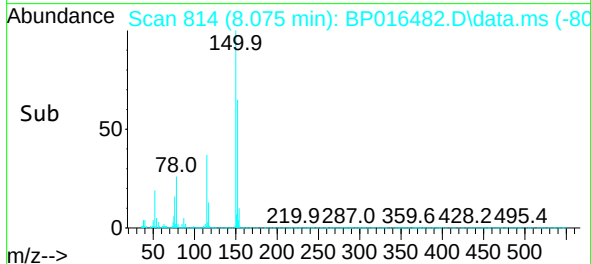
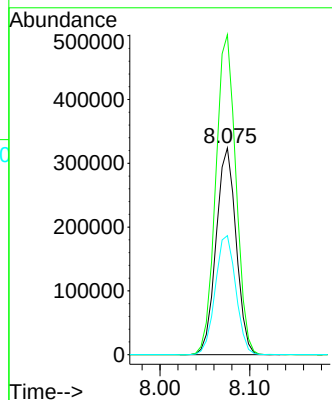
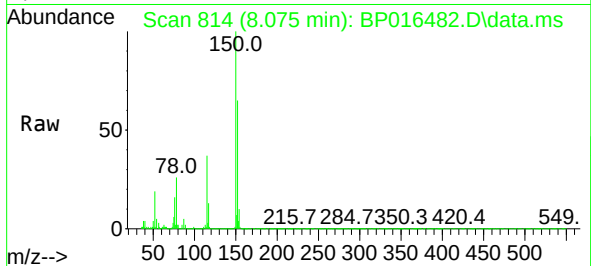




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

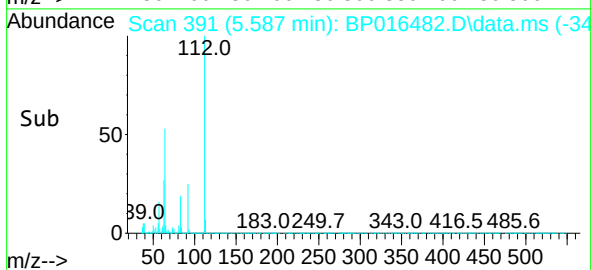
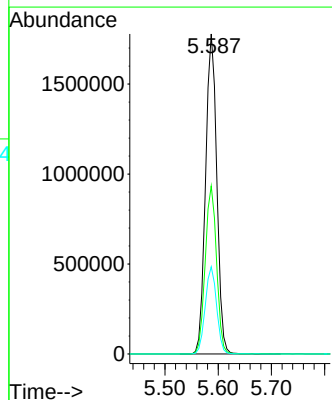
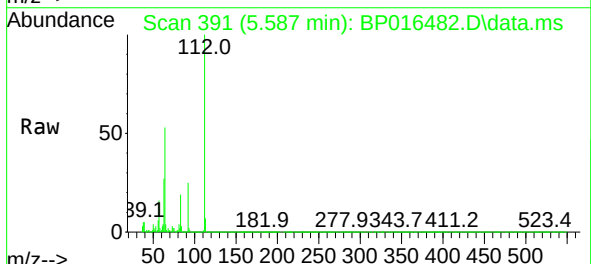
Instrument :
BNA_P
ClientSampleId :
RB-52-(2-5)

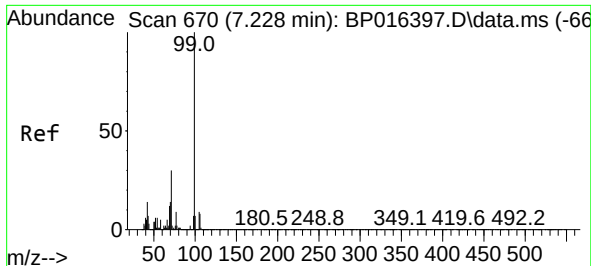
Tgt Ion:152 Resp: 502082
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 57.6 46.8 70.2



#5
2-Fluorophenol
Concen: 84.405 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion:112 Resp: 2597634
Ion Ratio Lower Upper
112 100
64 52.5 40.0 60.0
63 27.3 21.2 31.8

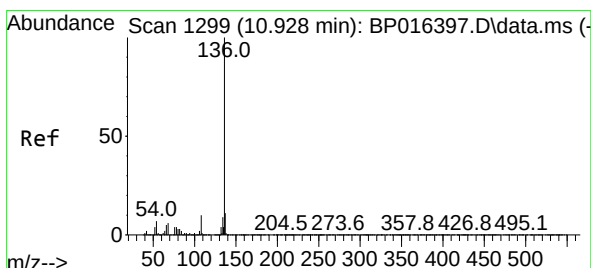
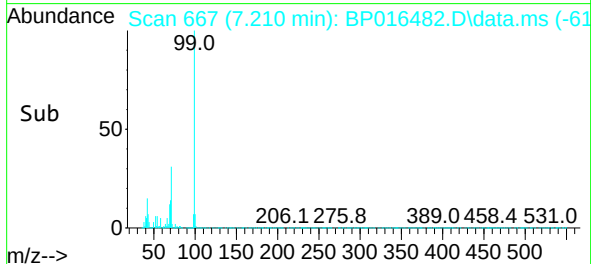
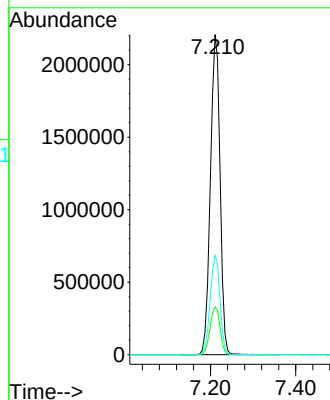
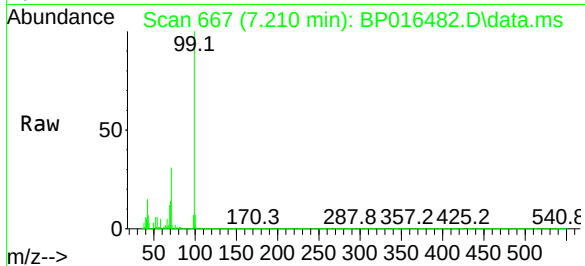




#7
Phenol-d6
Concen: 82.225 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

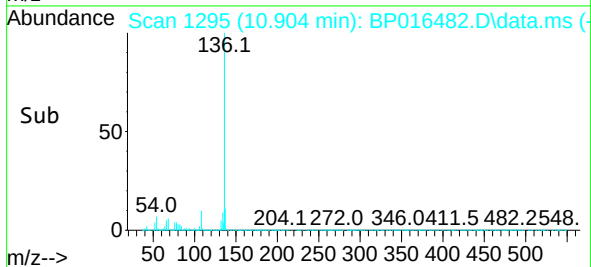
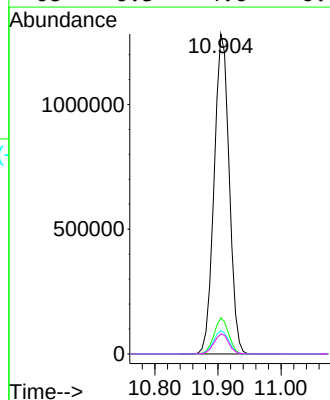
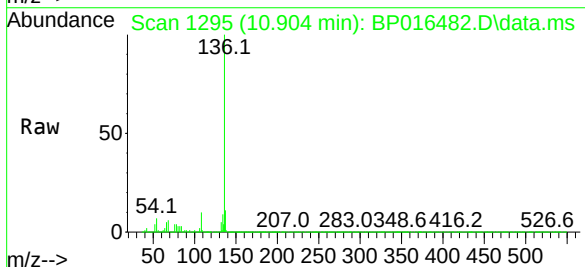
Instrument :
BNA_P
ClientSampleId :
RB-52-(2-5)

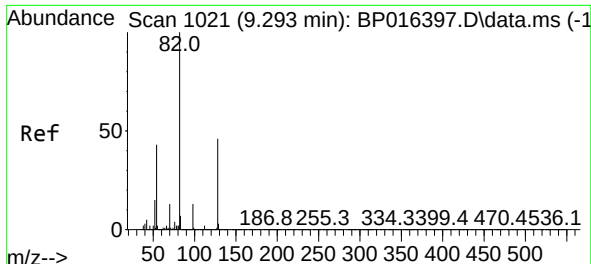
Tgt Ion: 99 Resp: 3468552
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 31.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

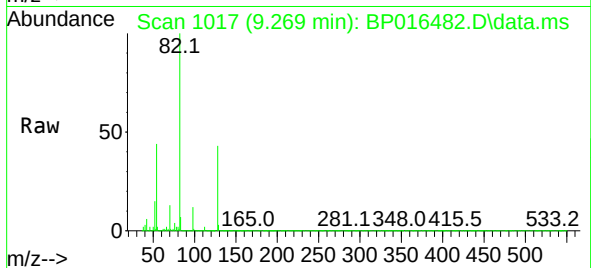
Tgt Ion: 136 Resp: 2121439
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.3 5.6 8.4
68 6.3 4.6 6.8



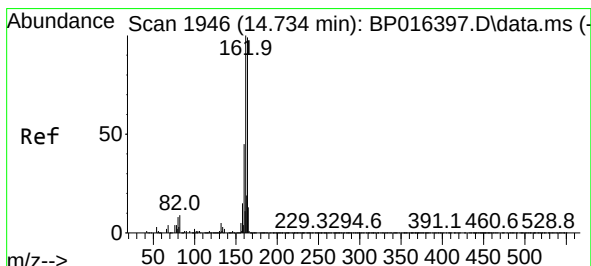
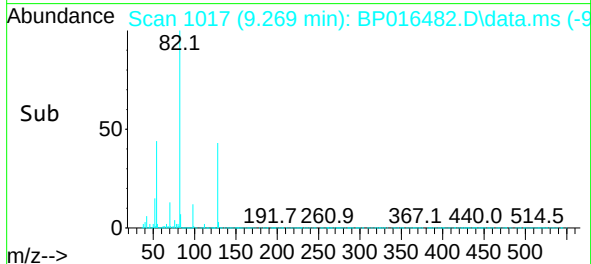
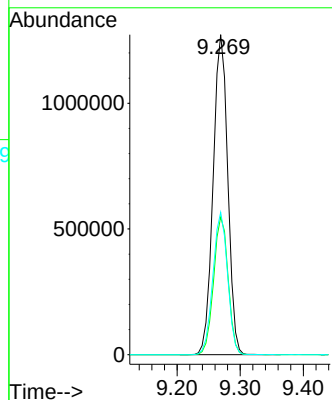


#23
Nitrobenzene-d5
Concen: 54.048 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Instrument :
BNA_P
ClientSampleId :
RB-52-(2-5)

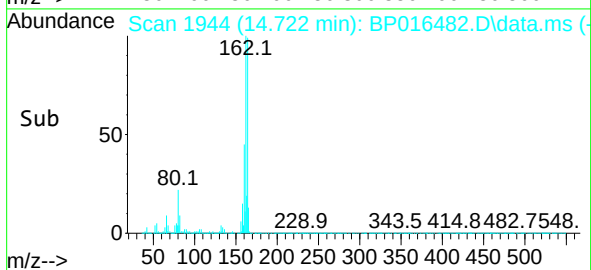
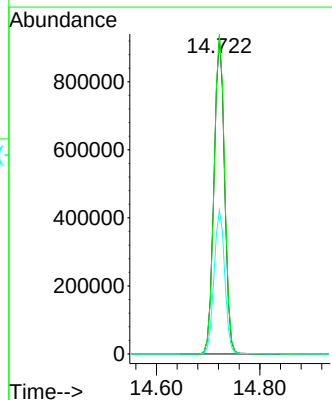
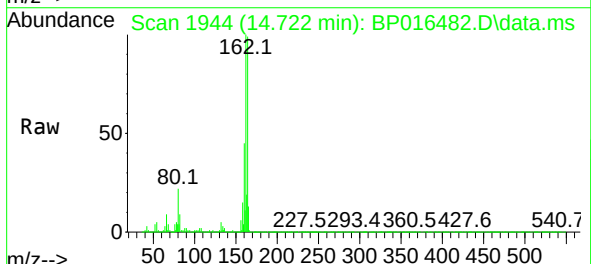


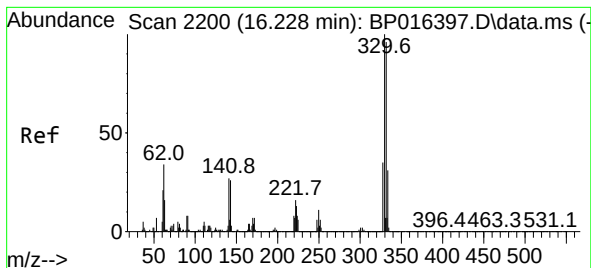
Tgt Ion: 82 Resp: 2048265
Ion Ratio Lower Upper
82 100
128 43.0 36.6 55.0
54 44.5 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion: 164 Resp: 1321260
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 45.2 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 68.334 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

Instrument :

BNA_P

ClientSampleId :

RB-52-(2-5)

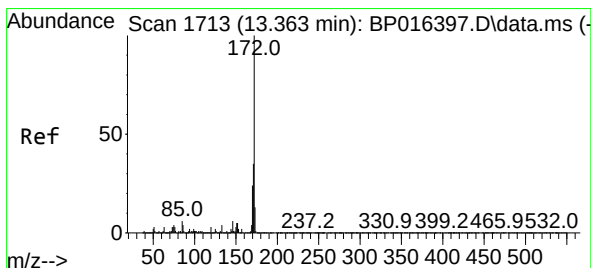
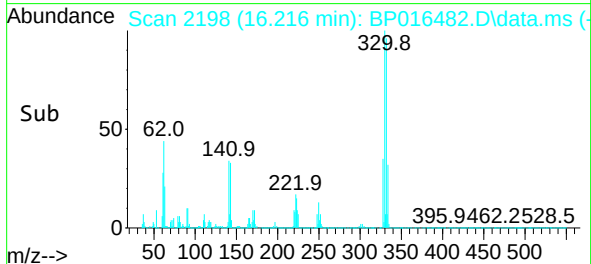
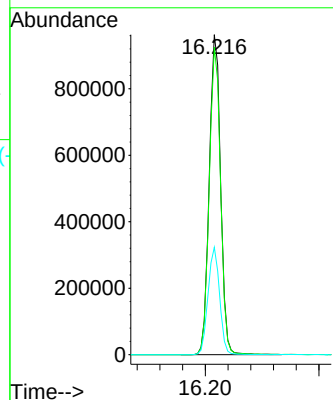
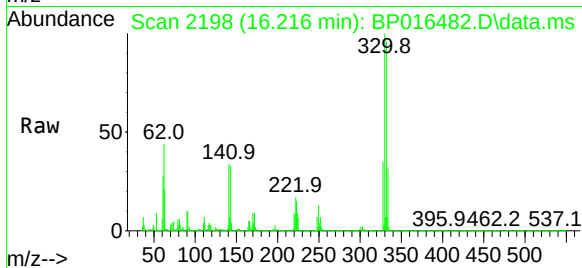
Tgt Ion:330 Resp: 1328255

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 34.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 51.286 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

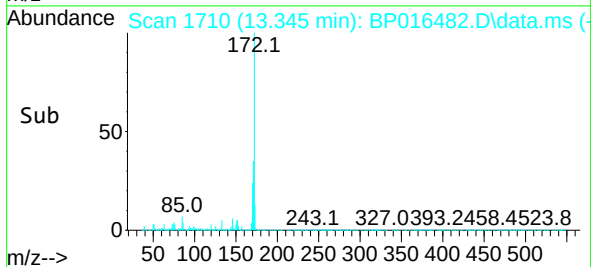
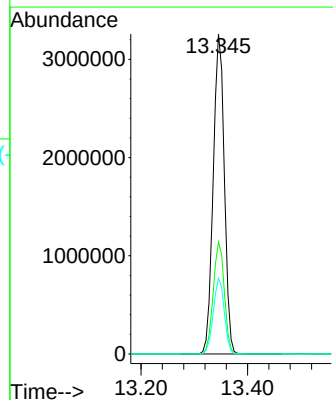
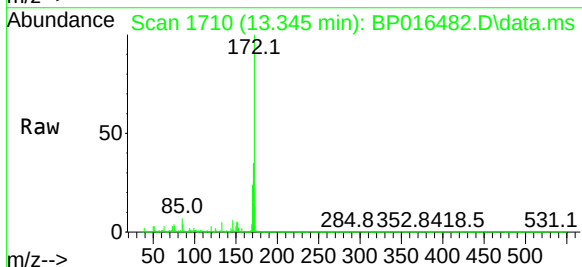
Tgt Ion:172 Resp: 4726437

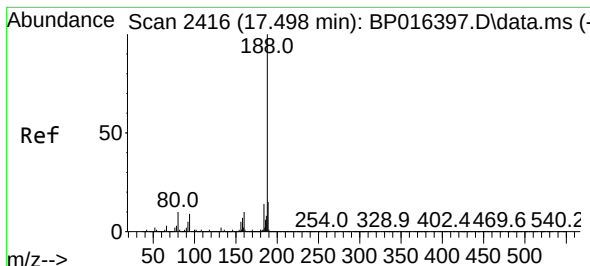
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 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: BP016482.D

Acq: 02 Aug 2023 22:43

Instrument :

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ClientSampleId :

RB-52-(2-5)

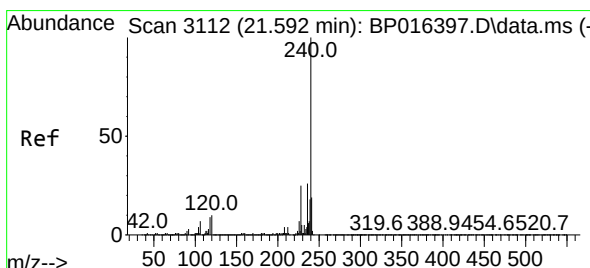
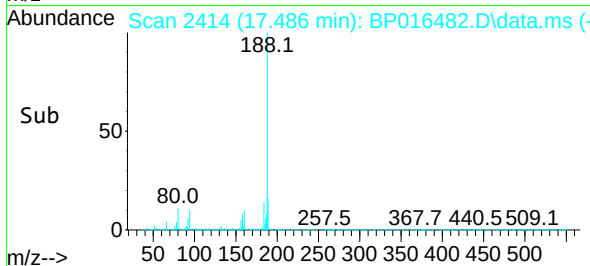
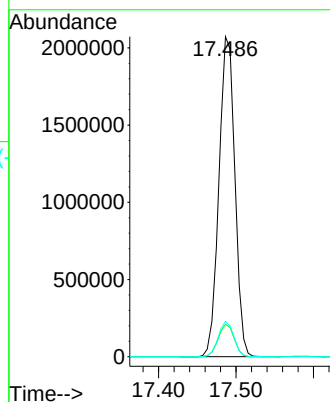
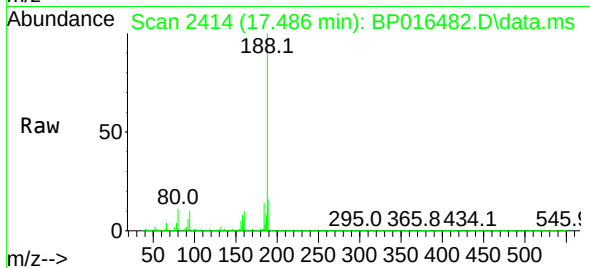
Tgt Ion:188 Resp: 2962150

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: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

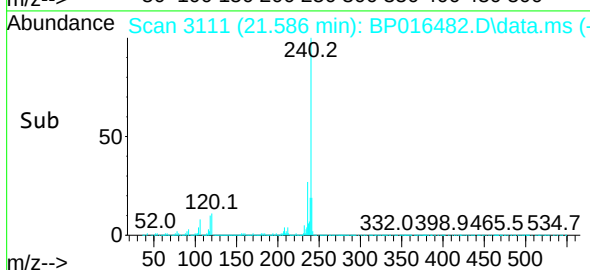
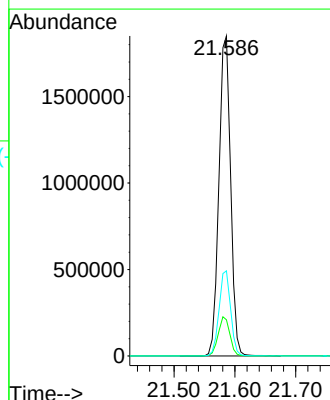
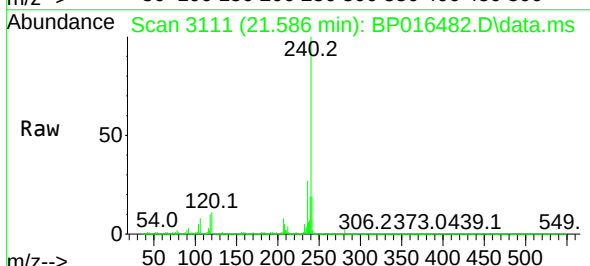
Tgt Ion:240 Resp: 2456648

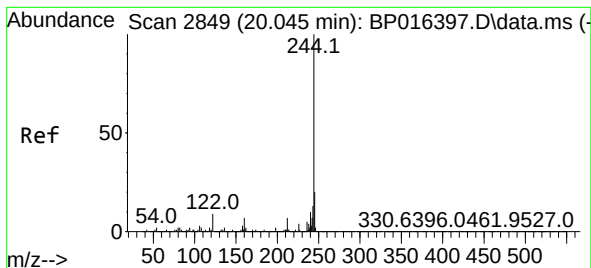
Ion Ratio Lower Upper

240 100

120 11.3 7.9 11.9

236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 62.114 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

Instrument :

BNA_P

ClientSampleId :

RB-52-(2-5)

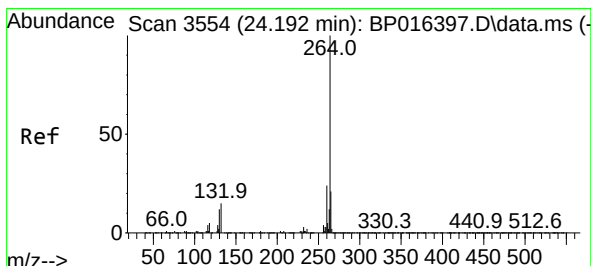
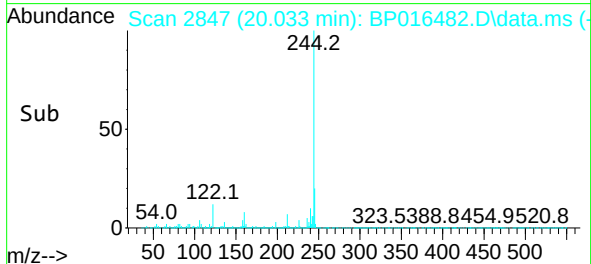
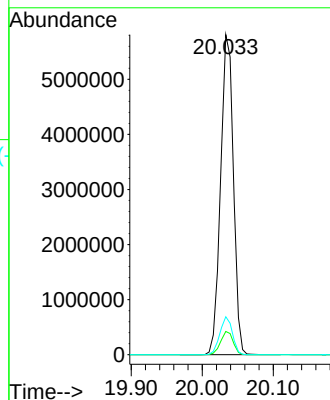
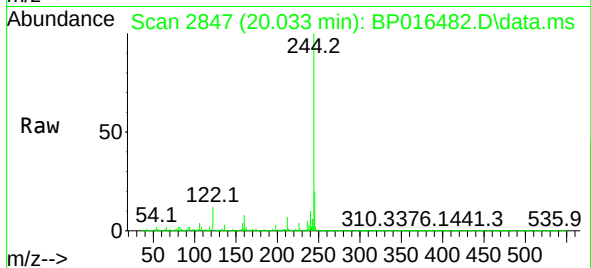
Tgt Ion:244 Resp: 7223574

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.9 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: BP016482.D

Acq: 02 Aug 2023 22:43

Tgt Ion:264 Resp: 2457470

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.8 17.4 26.0

