

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016538.D
 Acq On : 08 Aug 2023 14:59
 Operator : MA/JU
 Sample : 03895-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MCLEAN-TP11

Quant Time: Aug 08 16:07:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 08 16:03:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	214290	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	903597	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	581962	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1499126	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1681489	20.000	ng	# 0.00
86) Perylene-d12	24.168	264	1894081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2382288	181.366	ng	0.00
7) Phenol-d6	7.204	99	3051709	169.500	ng	0.00
23) Nitrobenzene-d5	9.263	82	1936126	119.944	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1383252	161.566	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	4450247	109.632	ng	0.00
79) Terphenyl-d14	20.027	244	8998993	113.052	ng	0.00

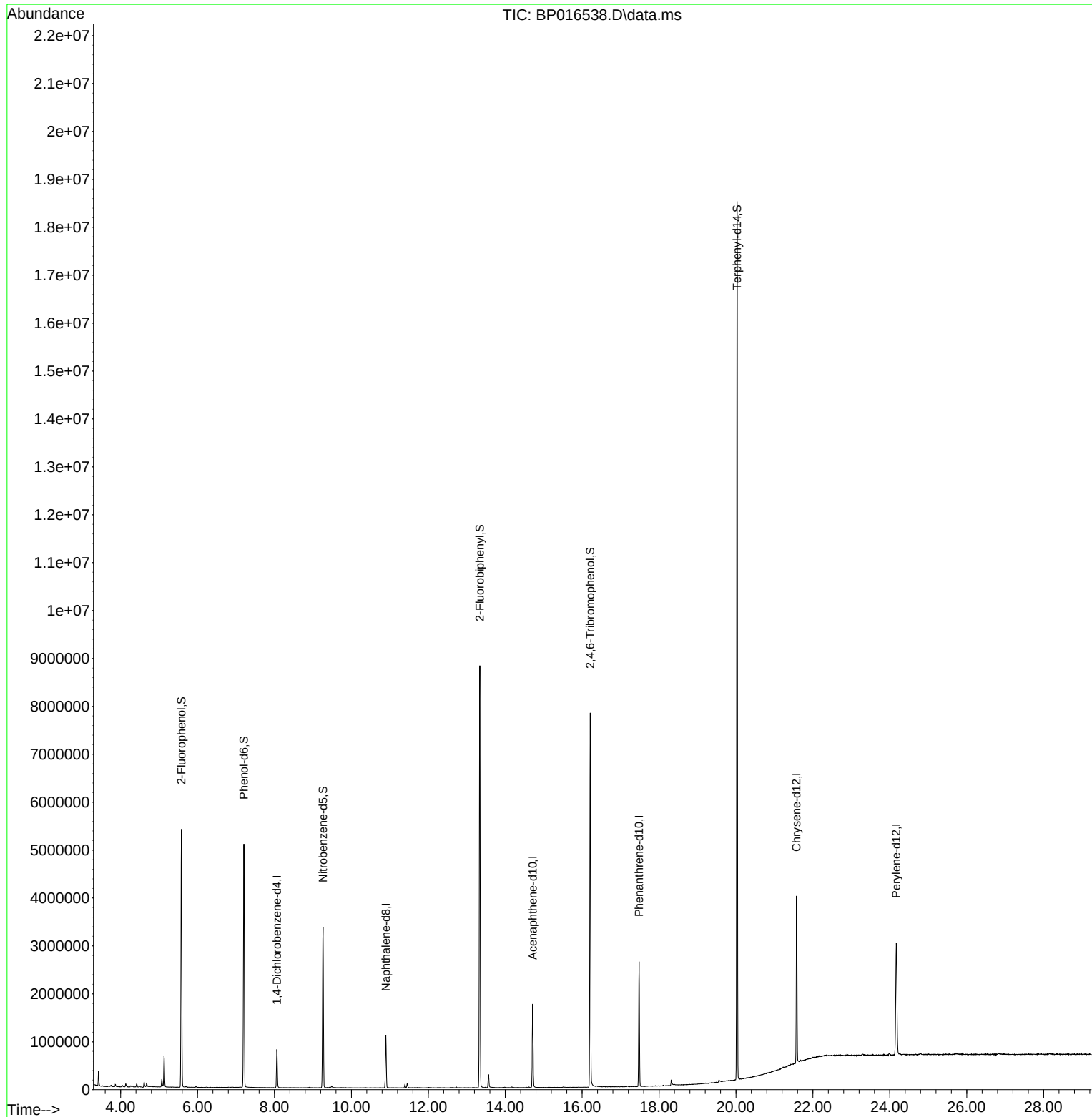
Target Compounds	Qvalue

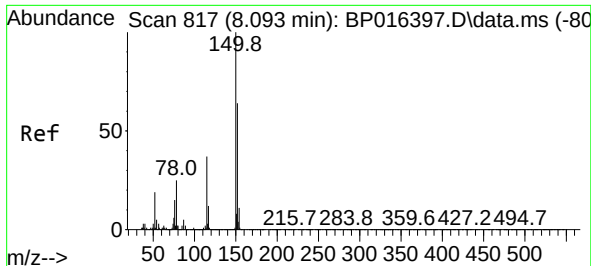
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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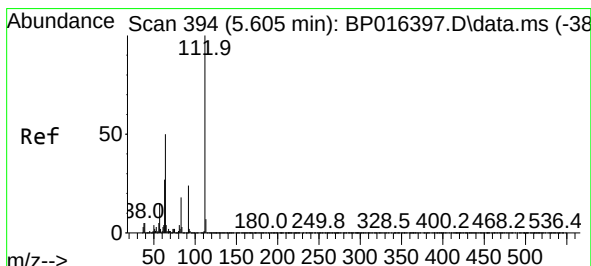
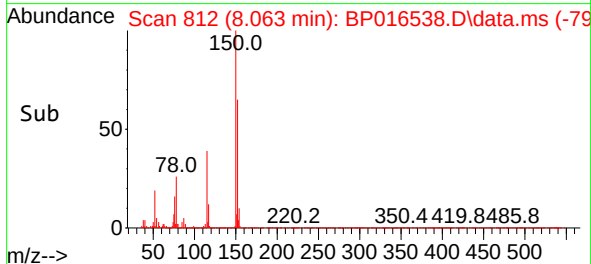
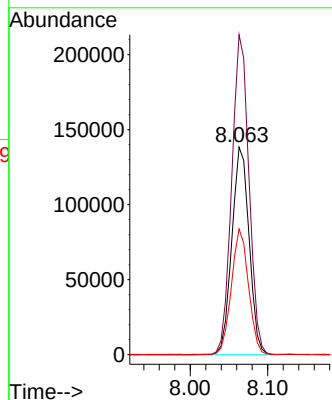
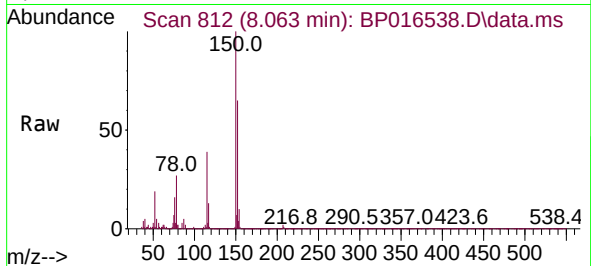




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

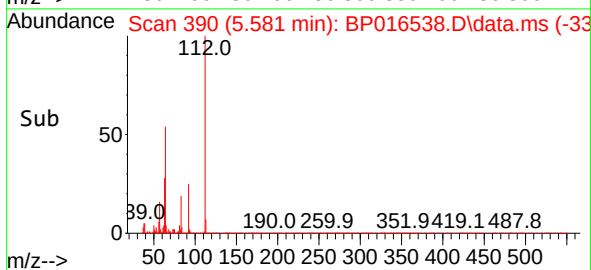
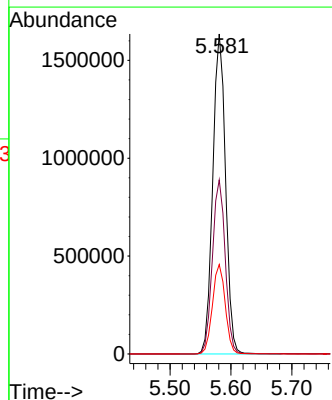
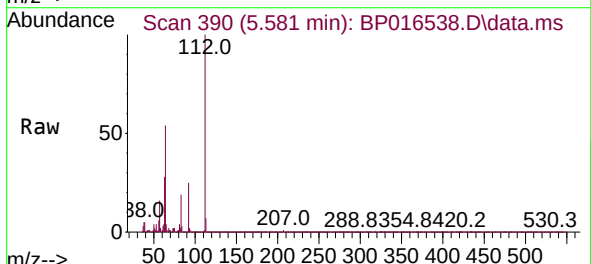
Instrument :
BNA_P
ClientSampleId :
MCLEAN-TP11

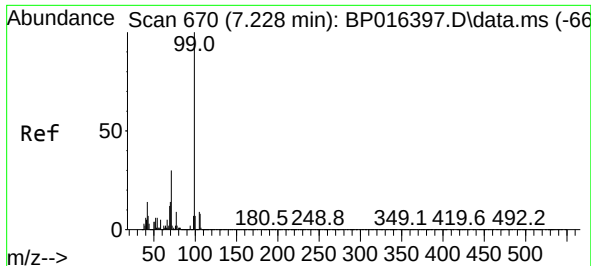
Tgt Ion:152 Resp: 214290
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 60.6 46.8 70.2



#5
2-Fluorophenol
Concen: 181.366 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:112 Resp: 2382288
Ion Ratio Lower Upper
112 100
64 54.4 40.0 60.0
63 28.0 21.2 31.8

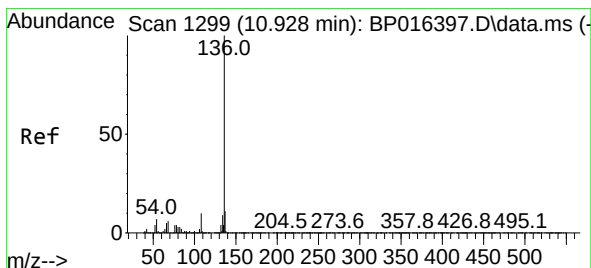
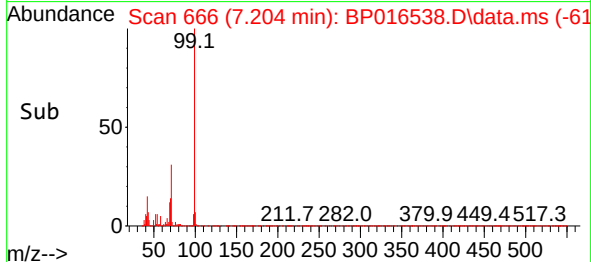
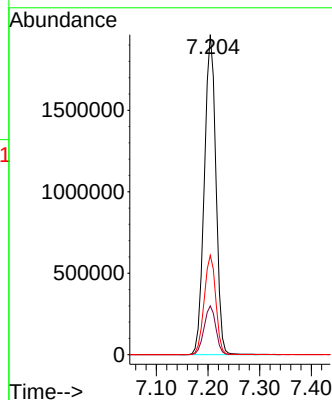
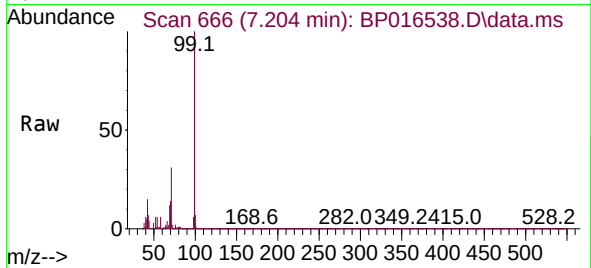




#7
Phenol-d6
Concen: 169.500 ng
RT: 7.204 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

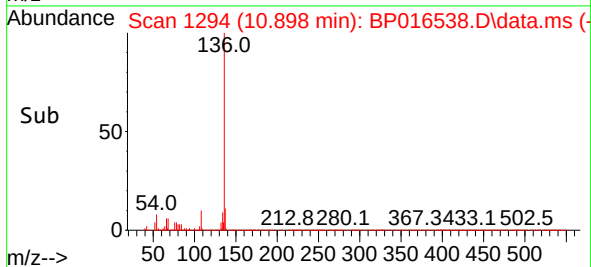
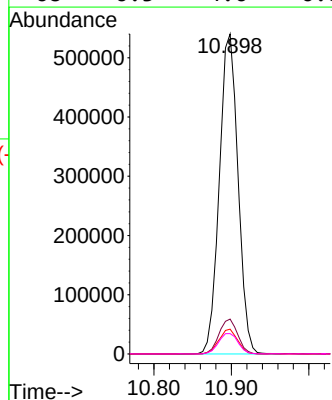
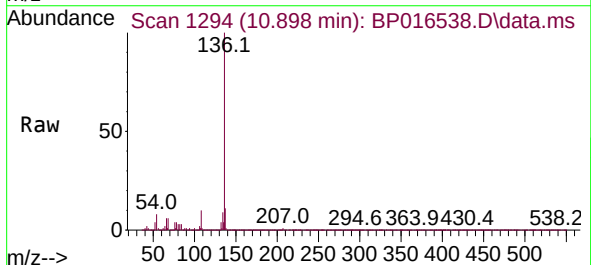
Instrument :
BNA_P
ClientSampleId :
MCLEAN-TP11

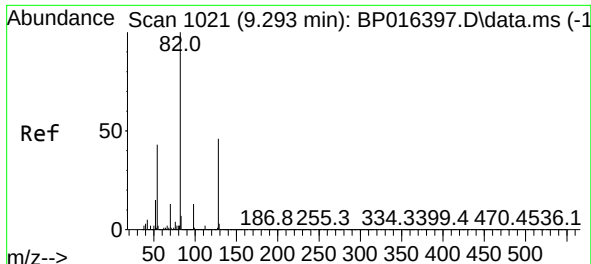
Tgt Ion: 99 Resp: 3051709
Ion Ratio Lower Upper
99 100
42 15.3 11.6 17.4
71 31.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:136 Resp: 903597
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 5.6 8.4
68 6.3 4.6 6.8

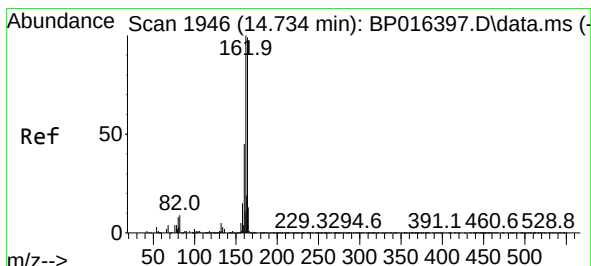
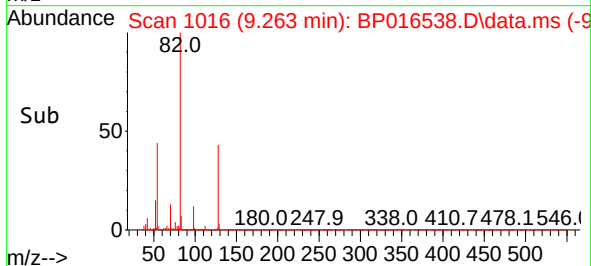
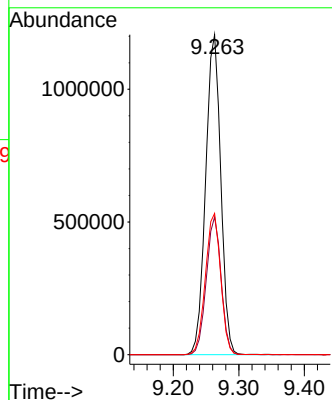
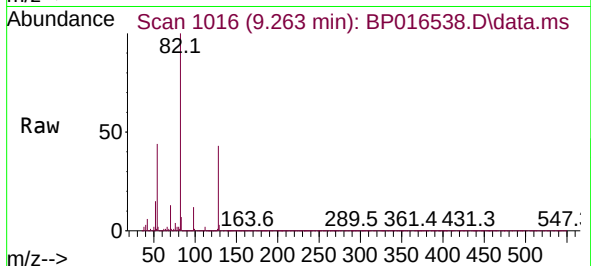




#23
Nitrobenzene-d5
Concen: 119.944 ng
RT: 9.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

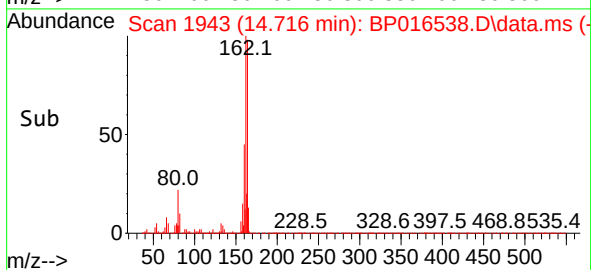
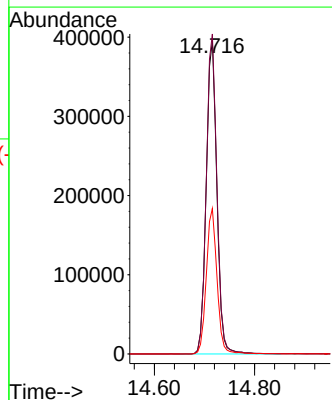
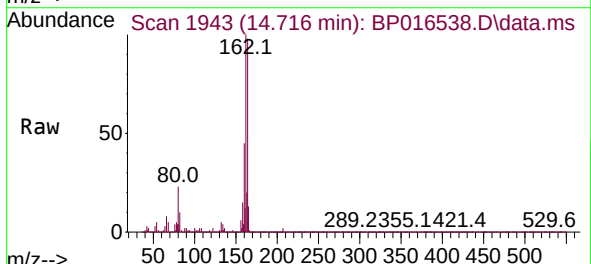
Instrument :
BNA_P
ClientSampleId :
MCLEAN-TP11

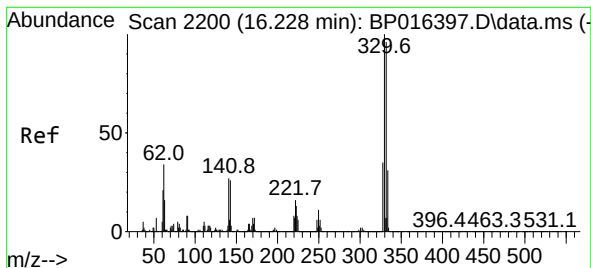
Tgt Ion: 82 Resp: 1936126
Ion Ratio Lower Upper
82 100
128 43.1 36.6 55.0
54 44.2 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:164 Resp: 581962
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.6
160 46.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 161.566 ng

RT: 16.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Instrument :

BNA_P

ClientSampleId :

MCLEAN-TP11

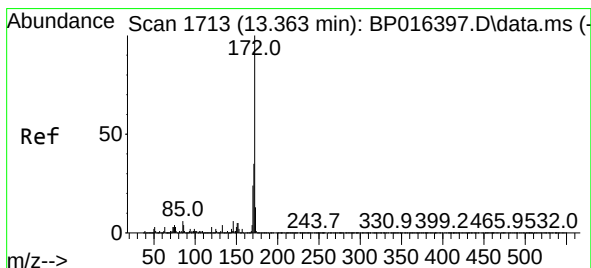
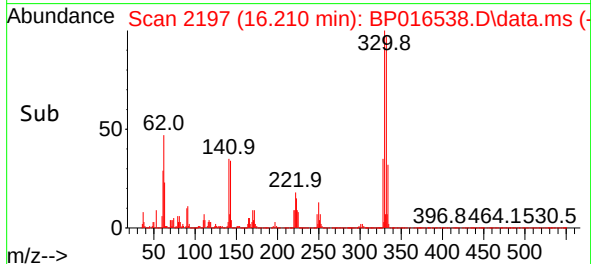
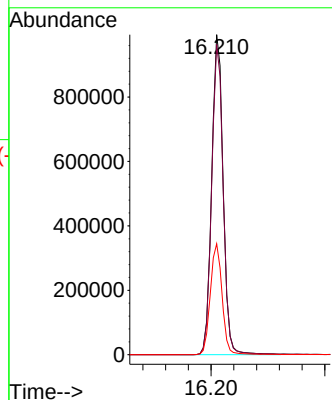
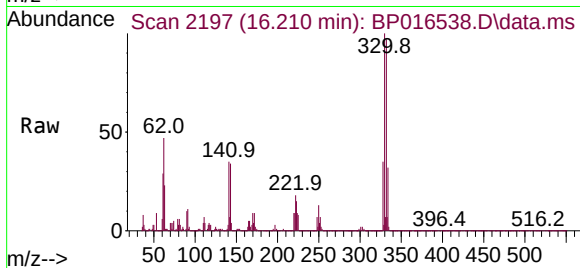
Tgt Ion:330 Resp: 1383252

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.8

141 35.5 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 109.632 ng

RT: 13.339 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

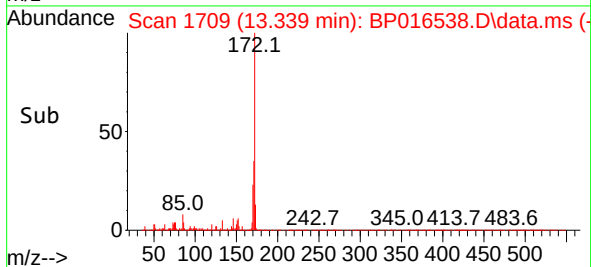
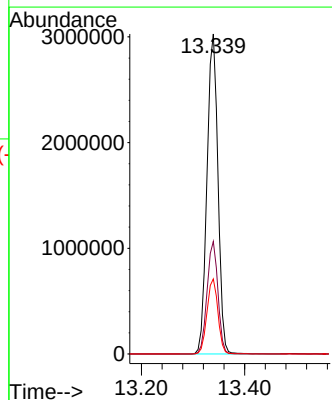
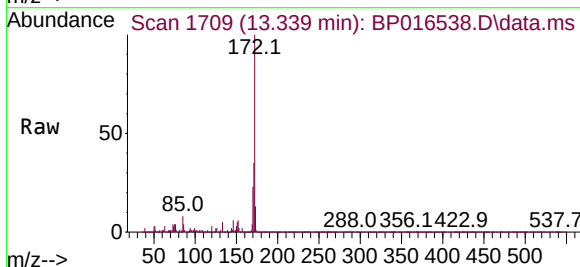
Tgt Ion:172 Resp: 4450247

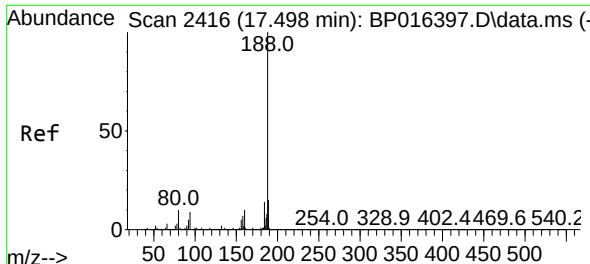
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 19.1 28.7

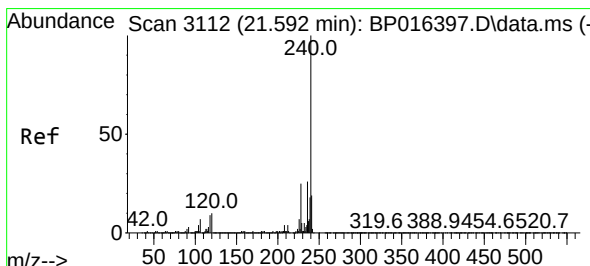
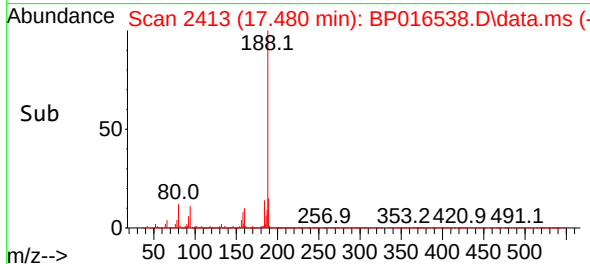
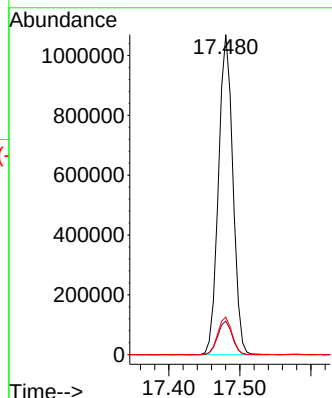
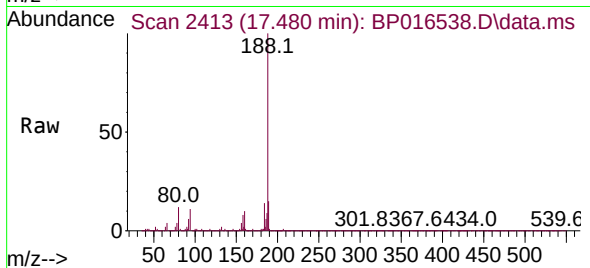




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

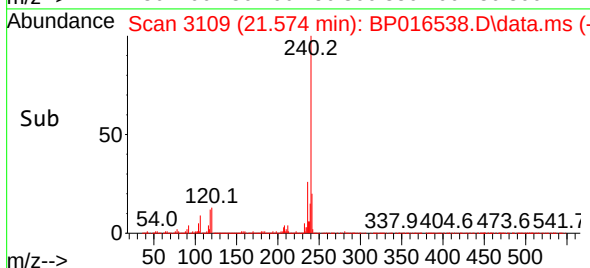
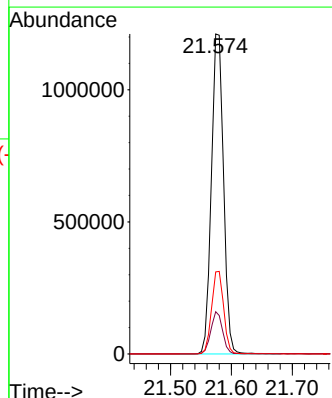
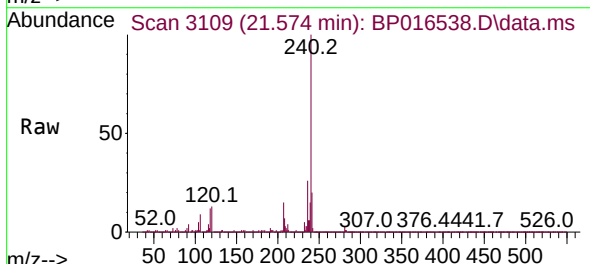
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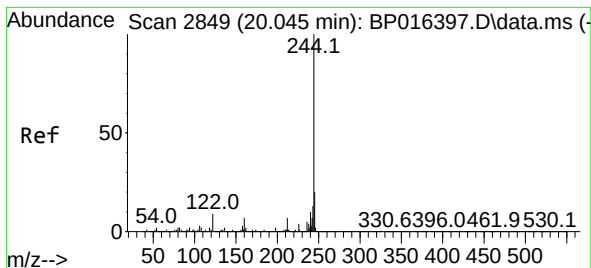
Tgt Ion:188 Resp: 1499126
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.7 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:240 Resp: 1681489
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 113.052 ng

RT: 20.027 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Instrument :

BNA_P

ClientSampleId :

MCLEAN-TP11

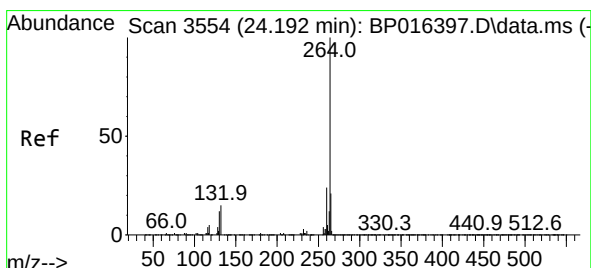
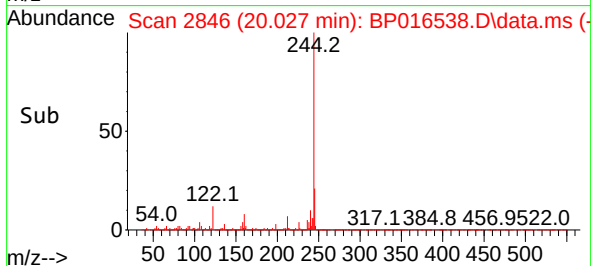
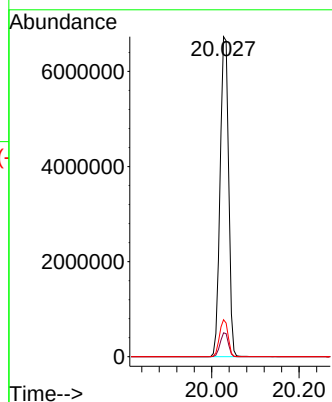
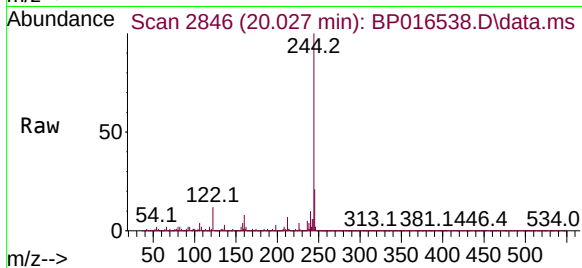
Tgt Ion:244 Resp: 8998993

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.5 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.168 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Tgt Ion:264 Resp: 1894081

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.6 17.4 26.0

