

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016445.D
 Acq On : 01 Aug 2023 08:38
 Operator : MA/JU
 Sample : PB154002BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154002BL

Quant Time: Aug 01 15:47:12 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	327674	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1450356	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	911021	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2184914	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2133381	20.000	ng	0.00
86) Perylene-d12	24.192	264	2352650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3261292	162.372	ng	-0.01
7) Phenol-d6	7.216	99	4336629	157.521	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2410543	93.038	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1563898	116.687	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5846668	92.009	ng	-0.01
79) Terphenyl-d14	20.045	244	9903679	98.064	ng	0.00

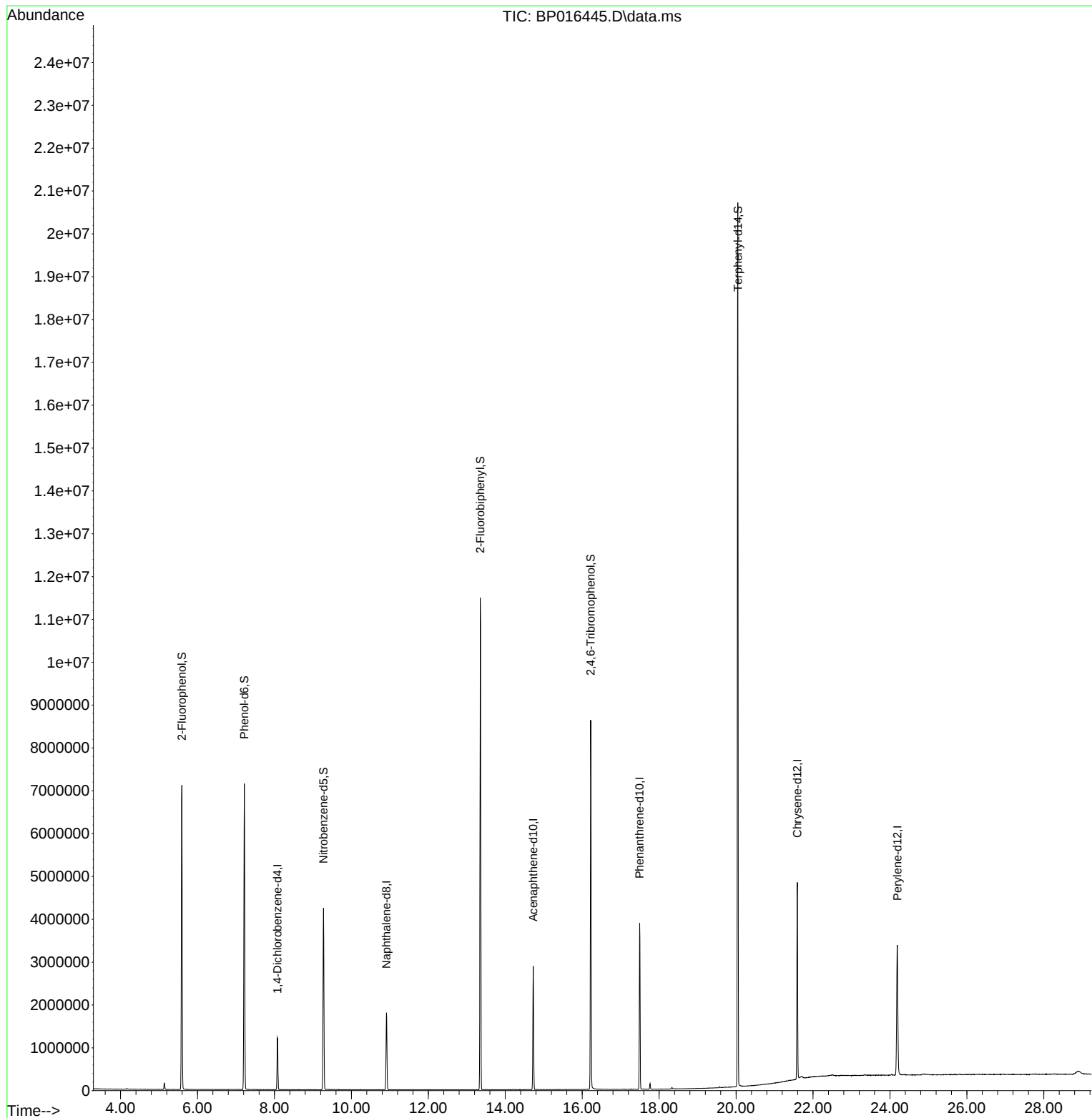
Target Compounds	Qvalue

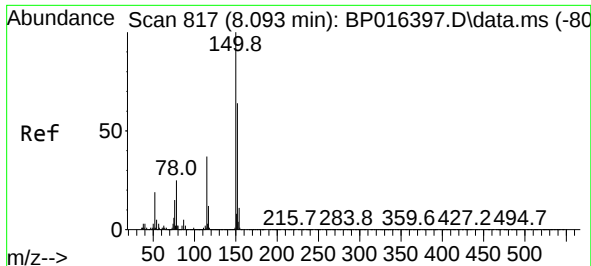
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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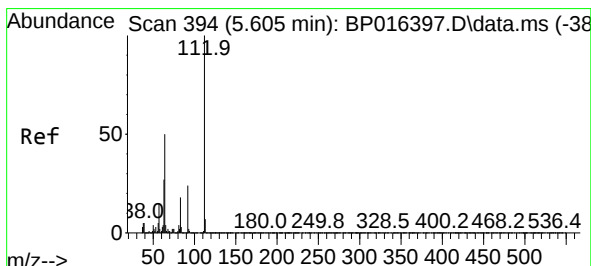
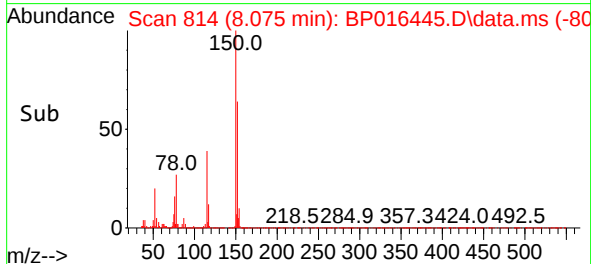
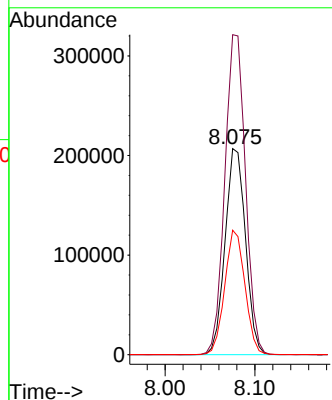
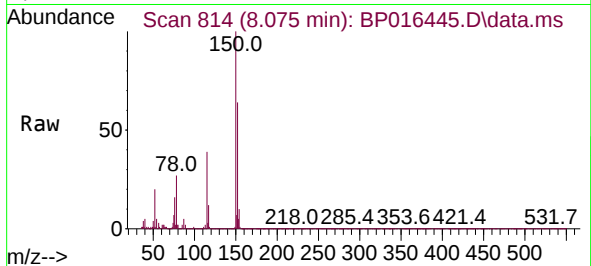




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

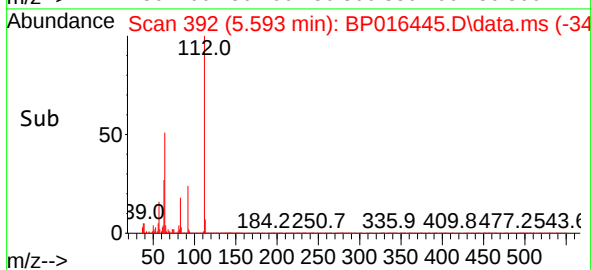
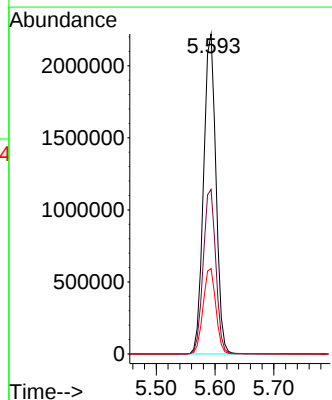
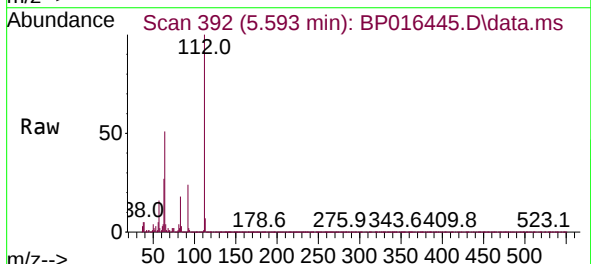
Instrument :
BNA_P
ClientSampleId :
PB154002BL

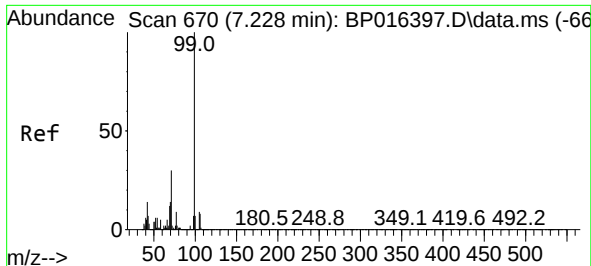
Tgt Ion:152 Resp: 327674
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 60.4 46.8 70.2



#5
2-Fluorophenol
Concen: 162.372 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

Tgt Ion:112 Resp: 3261292
Ion Ratio Lower Upper
112 100
64 51.4 40.0 60.0
63 26.7 21.2 31.8

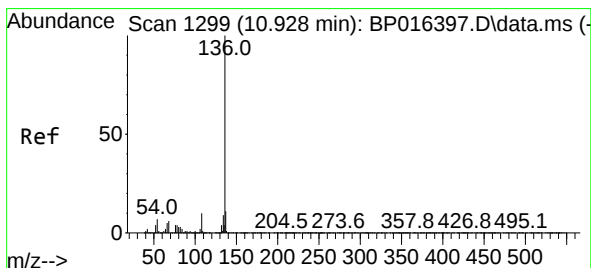
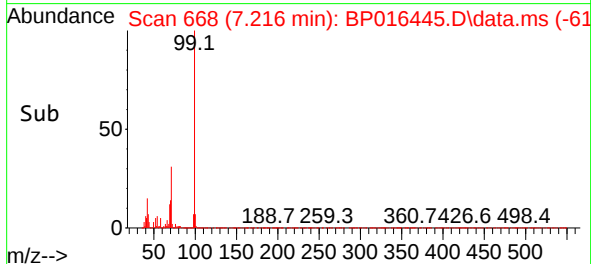
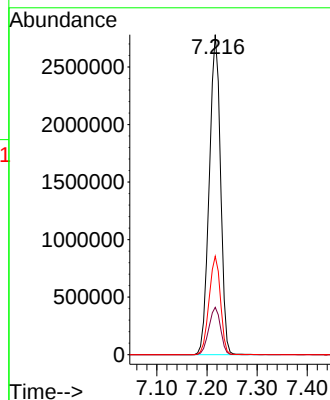
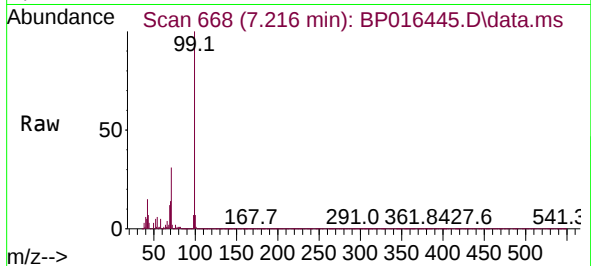




#7
Phenol-d6
Concen: 157.521 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

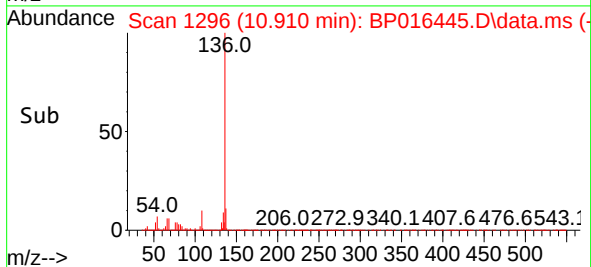
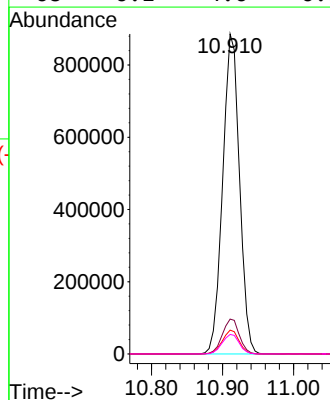
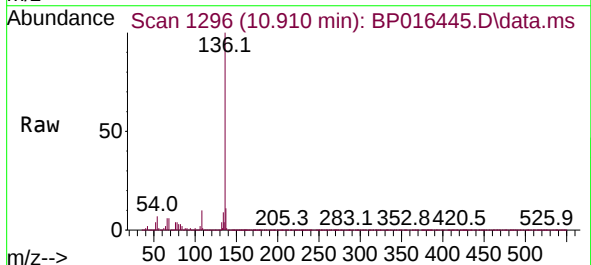
Instrument :
BNA_P
ClientSampleId :
PB154002BL

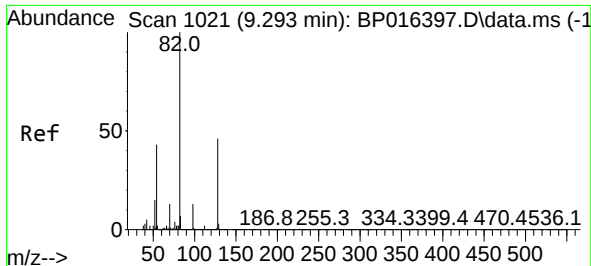
Tgt Ion: 99 Resp: 4336629
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

Tgt Ion:136 Resp: 1450356
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 5.6 8.4
68 6.1 4.6 6.8

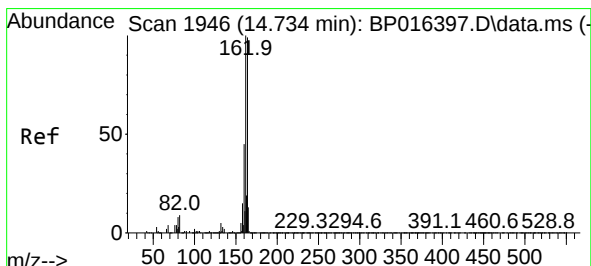
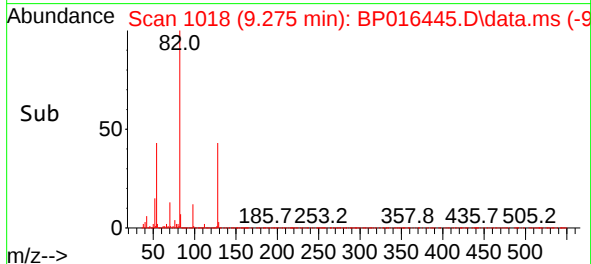
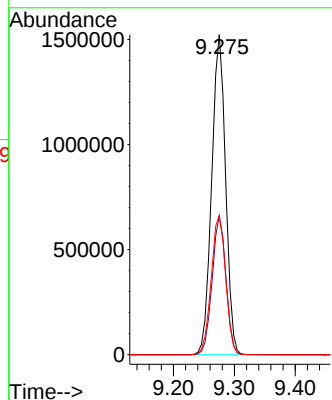
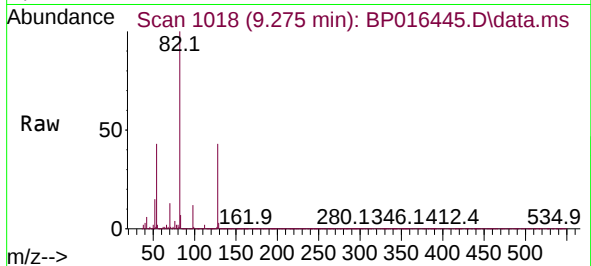




#23
Nitrobenzene-d5
Concen: 93.038 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

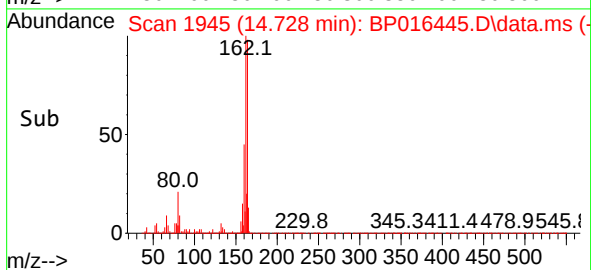
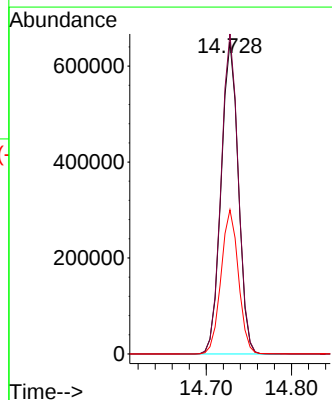
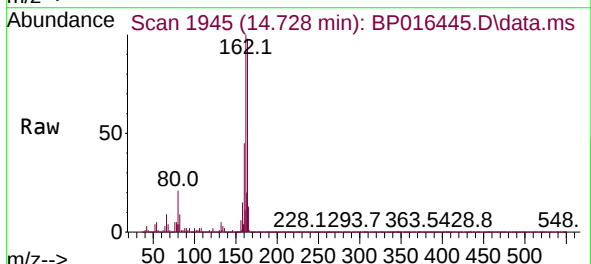
Instrument :
BNA_P
ClientSampleId :
PB154002BL

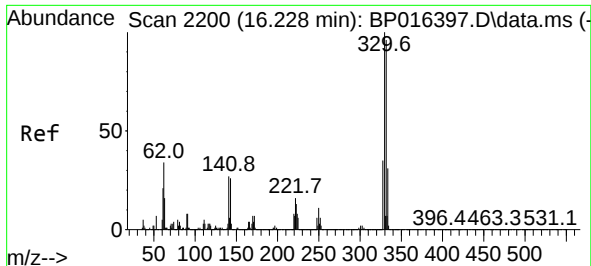
Tgt Ion: 82 Resp: 2410543
Ion Ratio Lower Upper
82 100
128 43.4 36.6 55.0
54 43.4 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

Tgt Ion:164 Resp: 911021
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.6
160 46.2 36.6 55.0

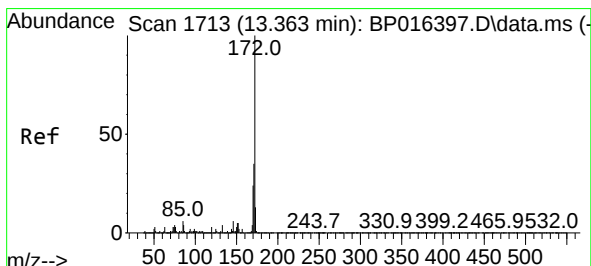
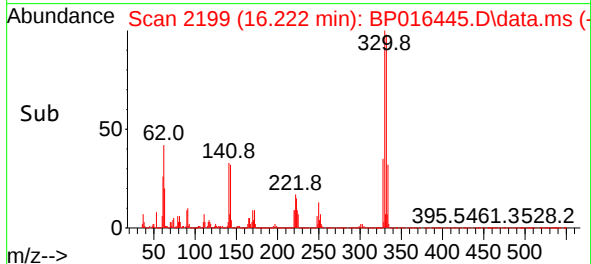
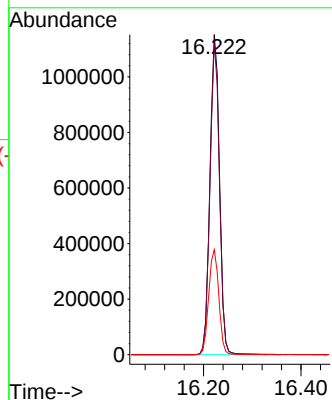
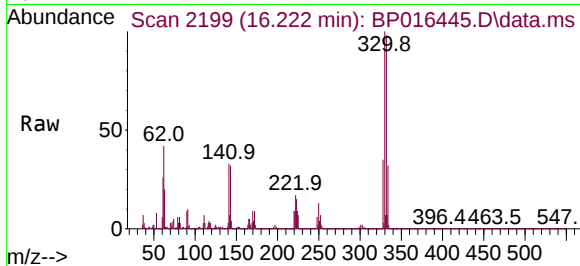




#42
2,4,6-Tribromophenol
Concen: 116.687 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

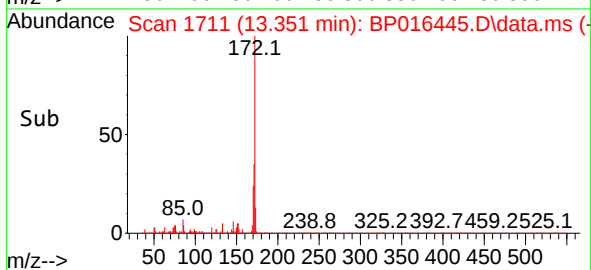
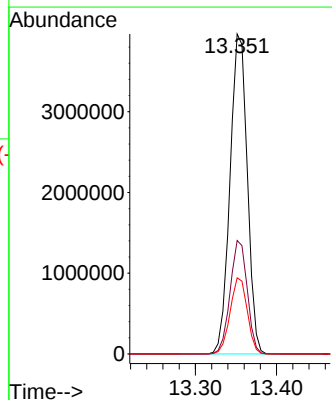
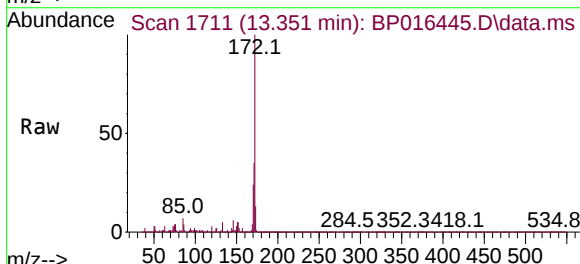
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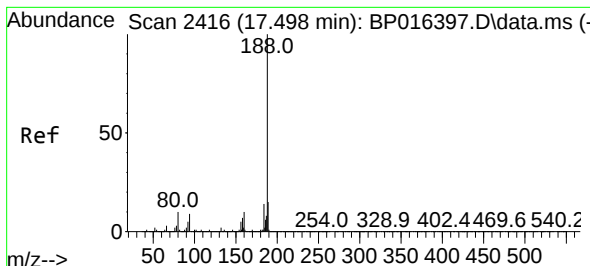
Tgt Ion:330 Resp: 1563898
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 34.7 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 92.009 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016445.D
Acq: 01 Aug 2023 08:38

Tgt Ion:172 Resp: 5846668
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 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: BP016445.D

Acq: 01 Aug 2023 08:38

Instrument :

BNA_P

ClientSampleId :

PB154002BL

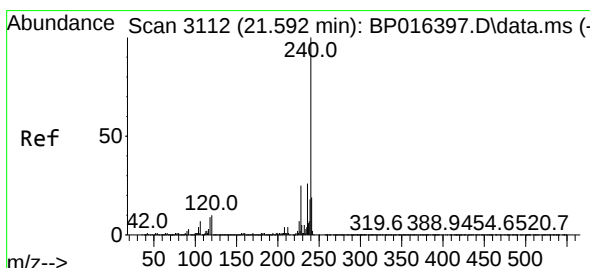
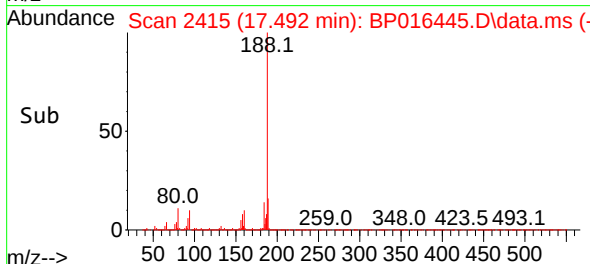
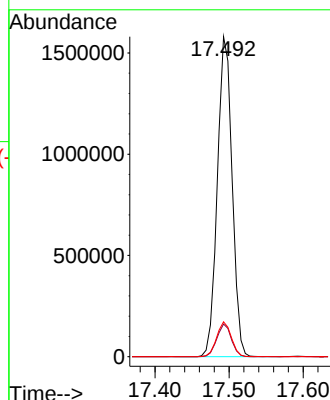
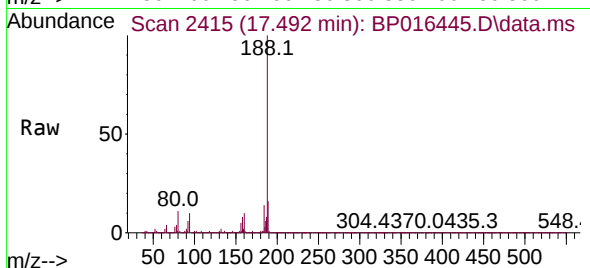
Tgt Ion:188 Resp: 2184914

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 10.9 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP016445.D

Acq: 01 Aug 2023 08:38

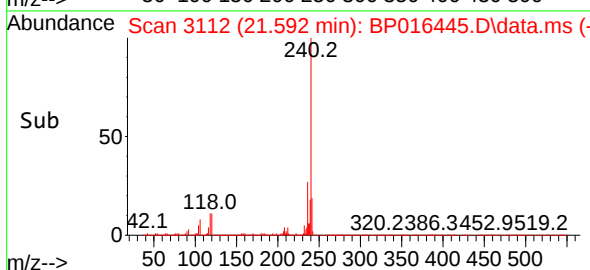
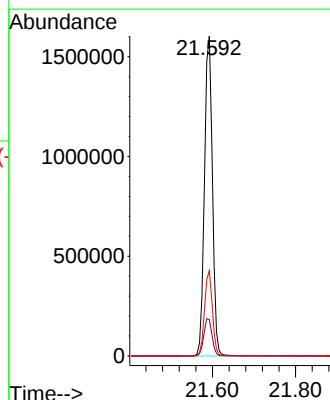
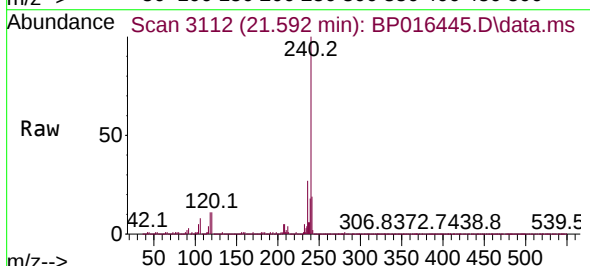
Tgt Ion:240 Resp: 2133381

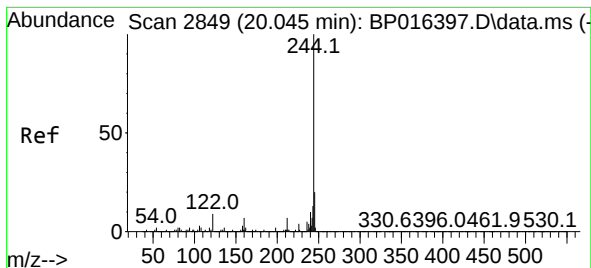
Ion Ratio Lower Upper

240 100

120 11.4 7.9 11.9

236 26.7 21.1 31.7





#79

Terphenyl-d14

Concen: 98.064 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016445.D

Acq: 01 Aug 2023 08:38

Instrument :

BNA_P

ClientSampleId :

PB154002BL

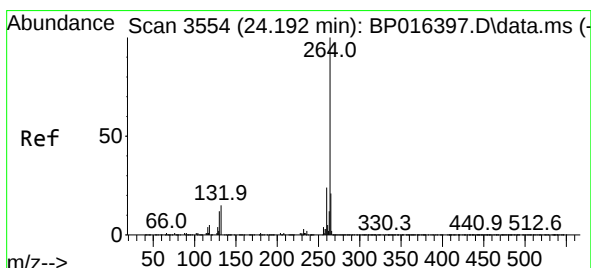
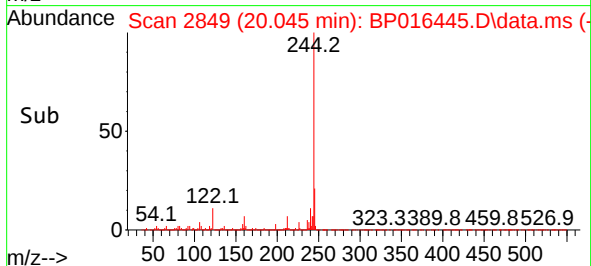
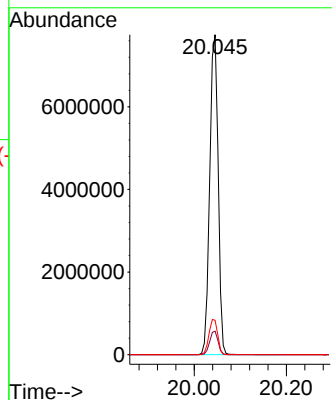
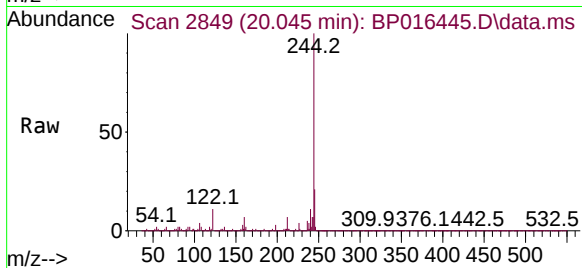
Tgt Ion:244 Resp: 9903679

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.7 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BP016445.D

Acq: 01 Aug 2023 08:38

Tgt Ion:264 Resp: 2352650

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.4 26.0

