

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016406.D
 Acq On : 27 Jul 2023 18:30
 Operator : MA/JU
 Sample : 03706-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB02

Quant Time: Jul 28 02:15:05 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	8.093	152	306334	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1250634	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	739715	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1659333	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1604796	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1852404	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	1116341	59.452	ng	0.00
7) Phenol-d6	7.222	99	845053	32.834	ng	0.00
23) Nitrobenzene-d5	9.287	82	2133936	95.515	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1257043	115.513	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	4802473	93.079	ng	0.00
79) Terphenyl-d14	20.039	244	8147404	107.246	ng	0.00

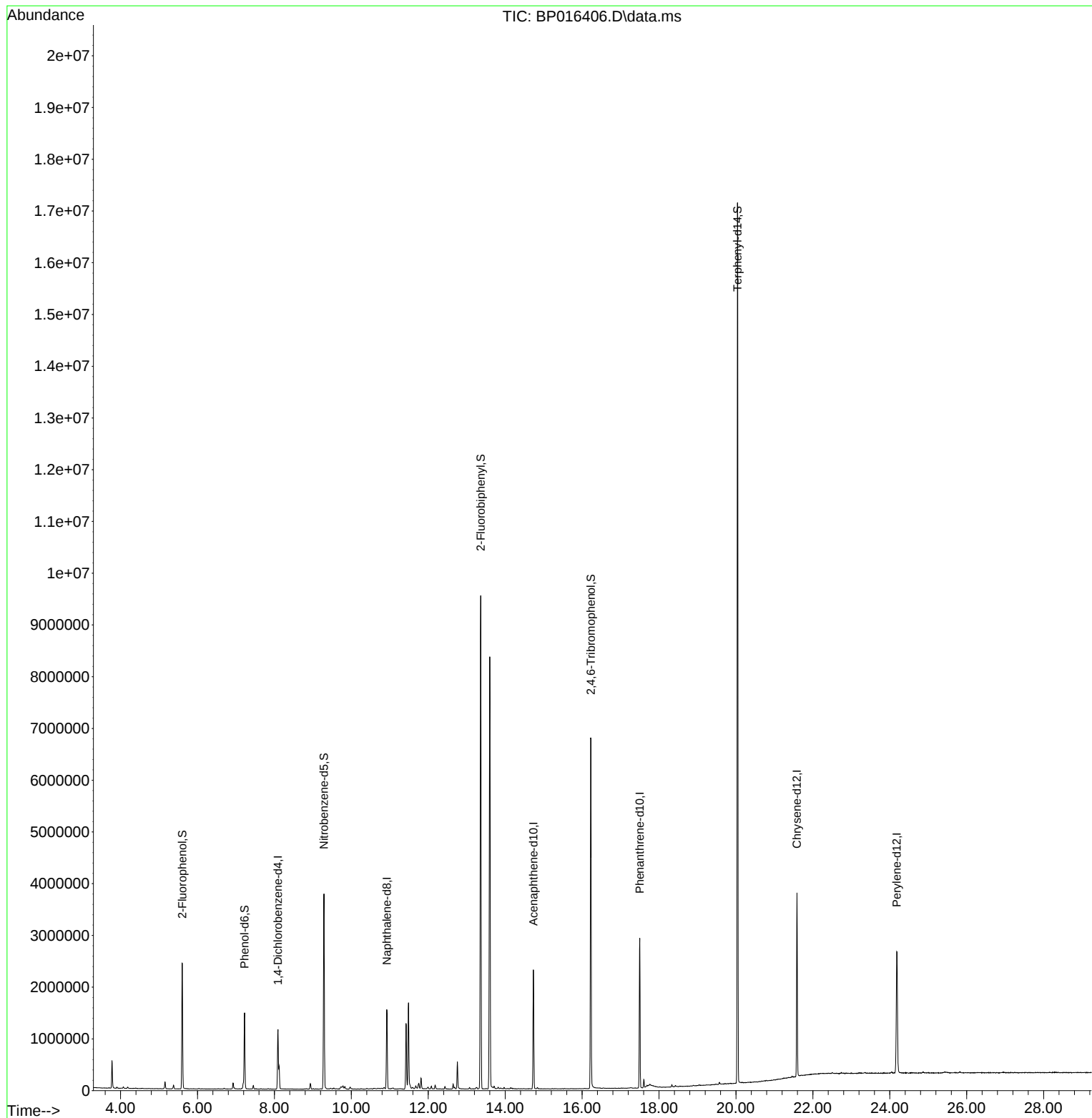
Target Compounds	Qvalue

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

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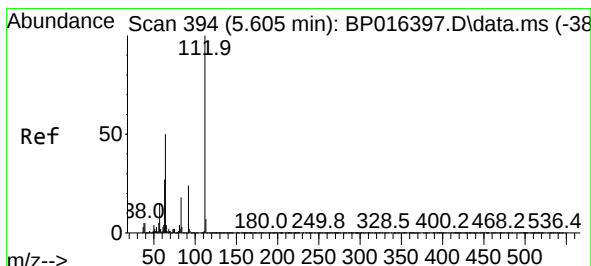
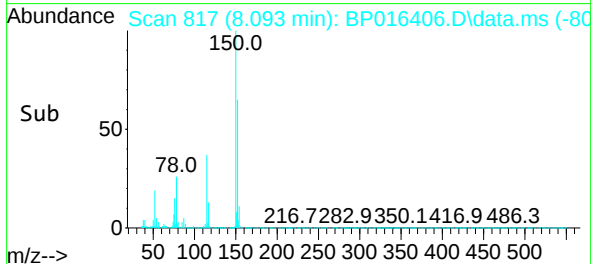
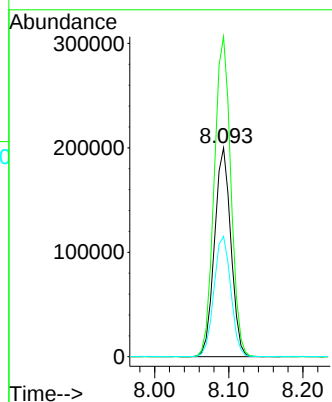
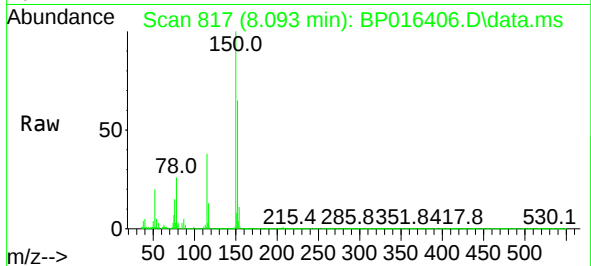




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

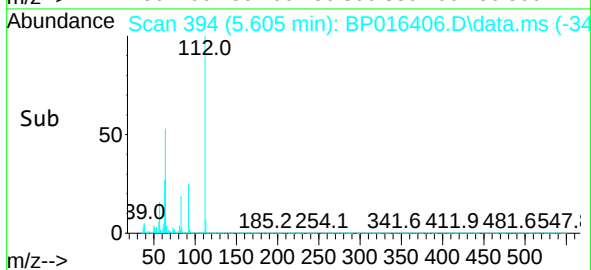
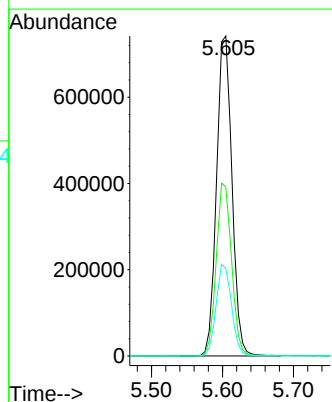
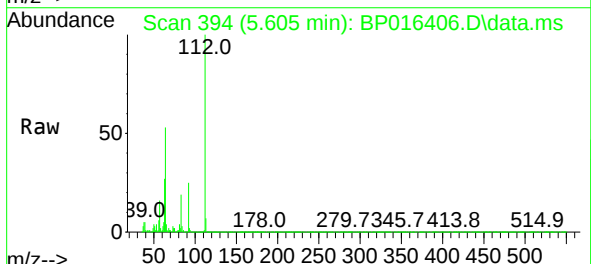
Instrument :
BNA_P
ClientSampleId :
FB02

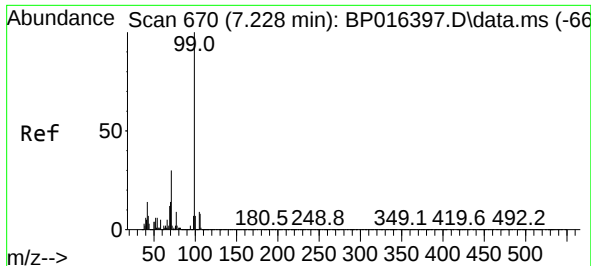
Tgt Ion:152 Resp: 306334
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 57.6 46.8 70.2



#5
2-Fluorophenol
Concen: 59.452 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:112 Resp: 1116341
Ion Ratio Lower Upper
112 100
64 52.7 40.0 60.0
63 27.3 21.2 31.8

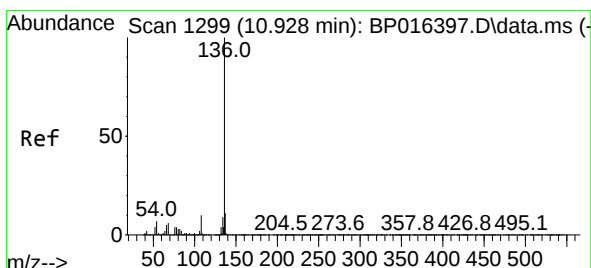
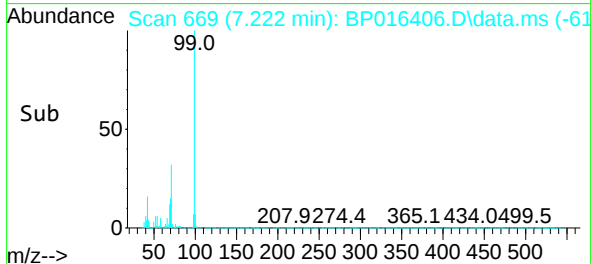
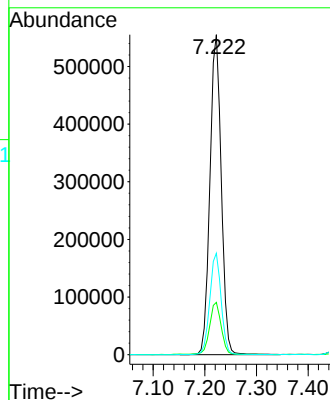
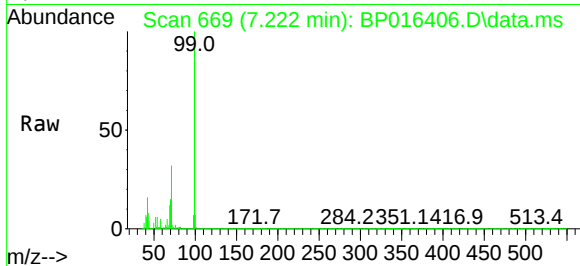




#7
Phenol-d6
Concen: 32.834 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

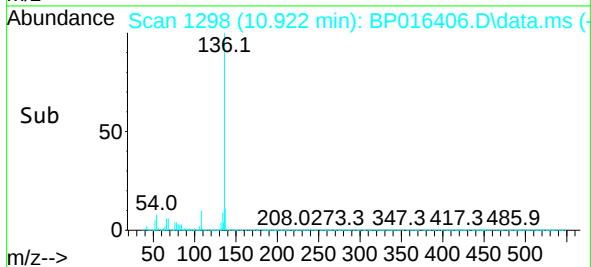
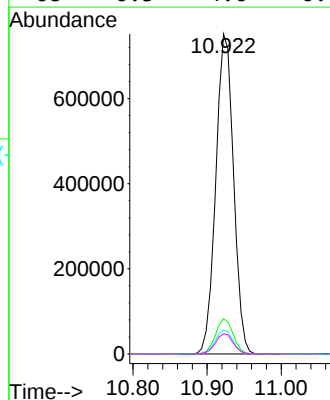
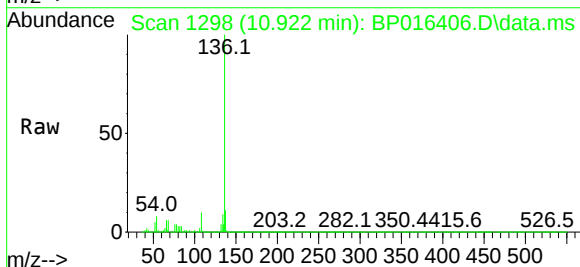
Instrument :
BNA_P
ClientSampleId :
FB02

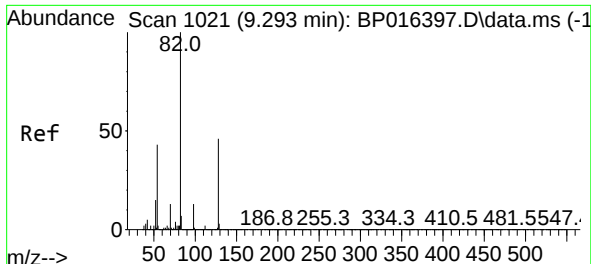
Tgt Ion: 99 Resp: 845053
Ion Ratio Lower Upper
99 100
42 16.4 11.6 17.4
71 31.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:136 Resp: 1250634
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.6 5.6 8.4
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.515 ng

RT: 9.287 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

Instrument :

BNA_P

ClientSampleId :

FB02

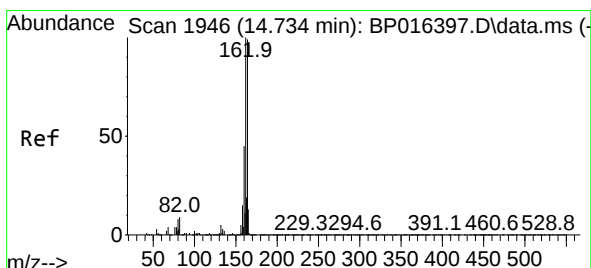
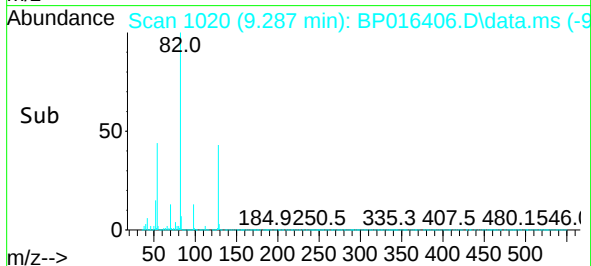
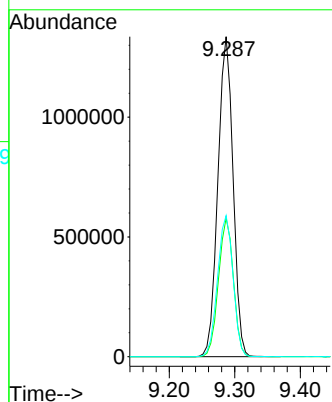
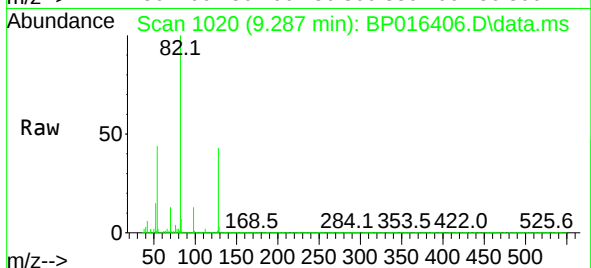
Tgt Ion: 82 Resp: 2133936

Ion Ratio Lower Upper

82 100

128 43.3 36.6 55.0

54 44.1 34.5 51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

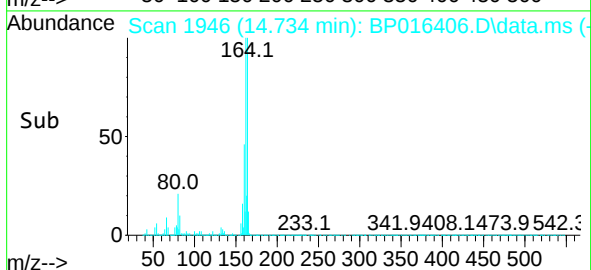
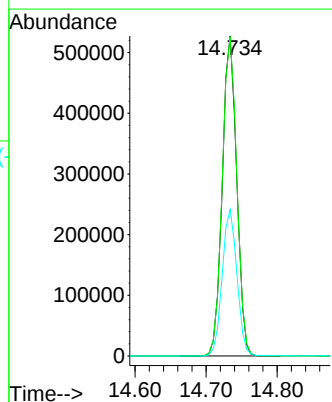
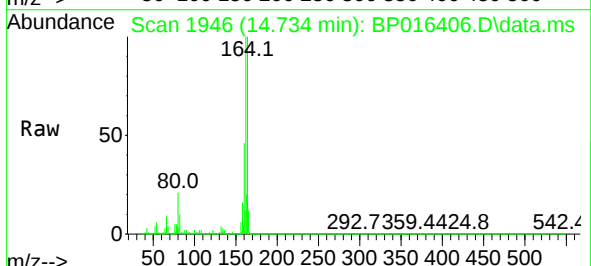
Tgt Ion:164 Resp: 739715

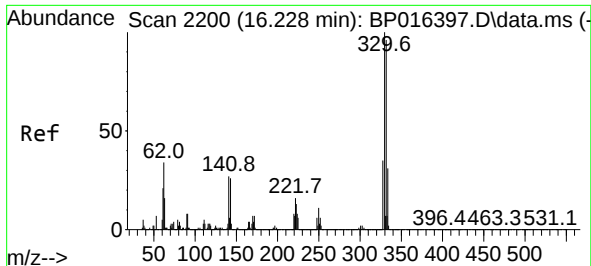
Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.6

160 45.8 36.6 55.0

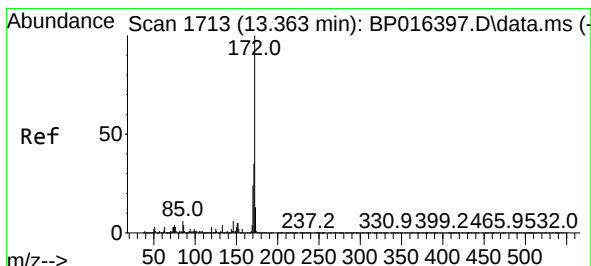
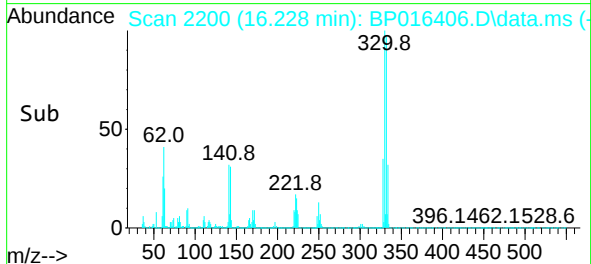
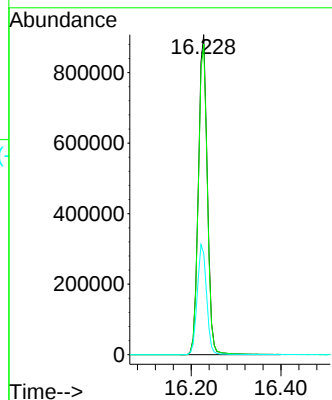
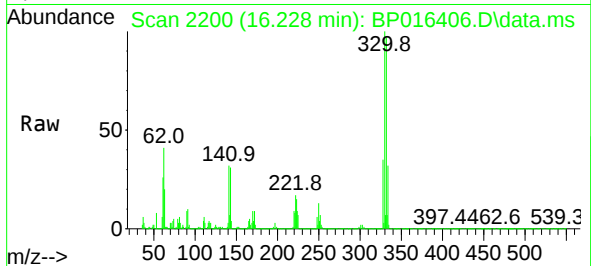




#42
2,4,6-Tribromophenol
Concen: 115.513 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

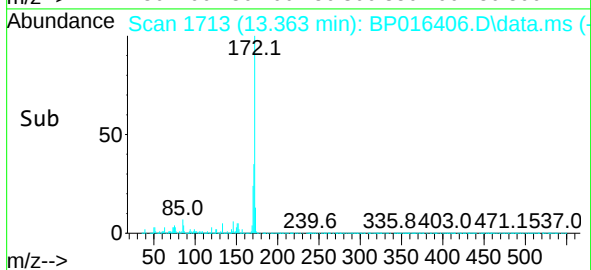
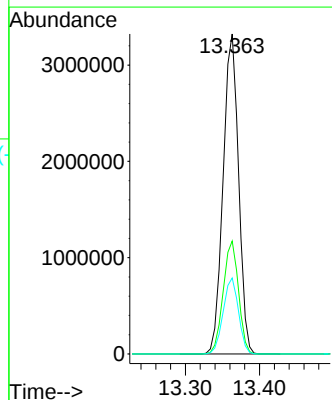
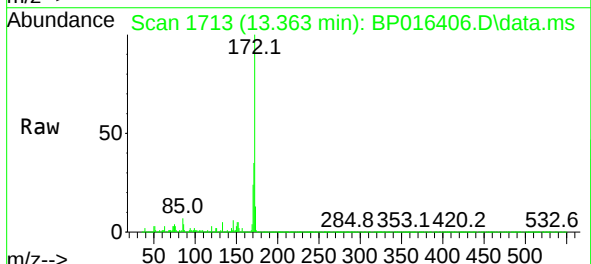
Instrument :
BNA_P
ClientSampleId :
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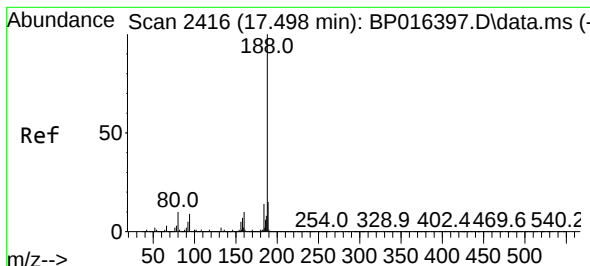
Tgt Ion:330 Resp: 1257043
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 35.7 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 93.079 ng
RT: 13.363 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP016406.D
Acq: 27 Jul 2023 18:30

Tgt Ion:172 Resp: 4802473
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

Instrument :

BNA_P

ClientSampleId :

FB02

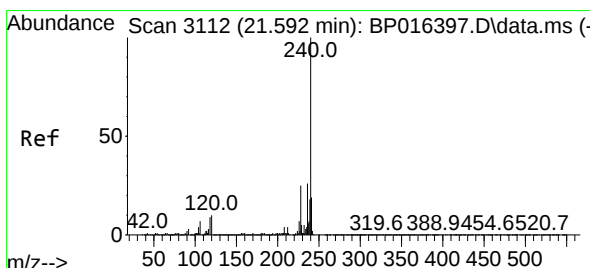
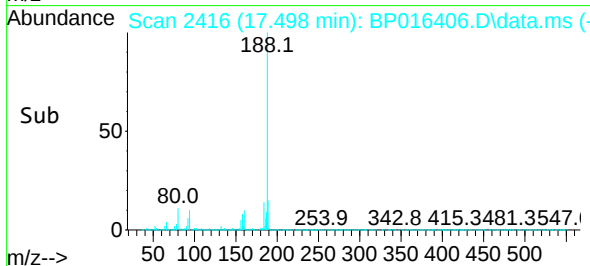
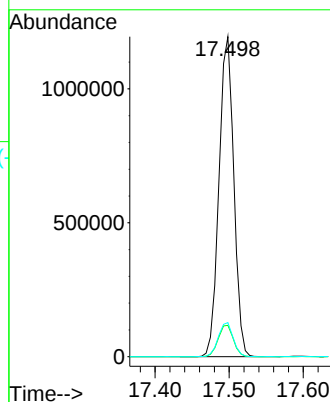
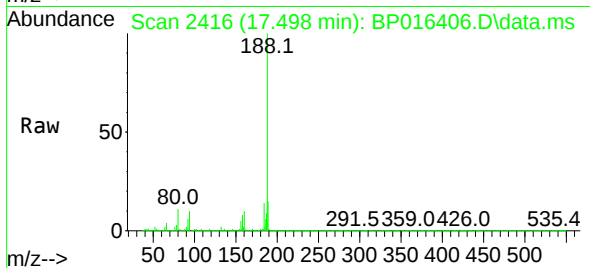
Tgt Ion:188 Resp: 1659333

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.7 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: BP016406.D

Acq: 27 Jul 2023 18:30

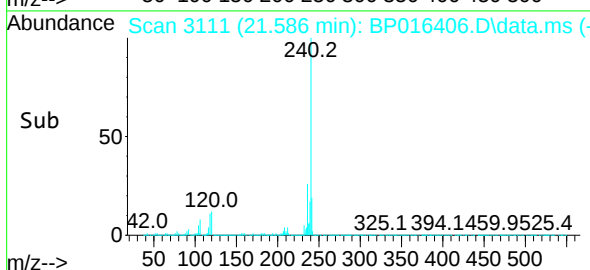
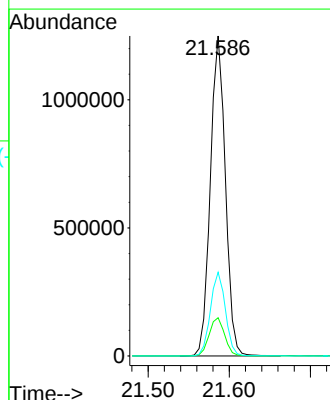
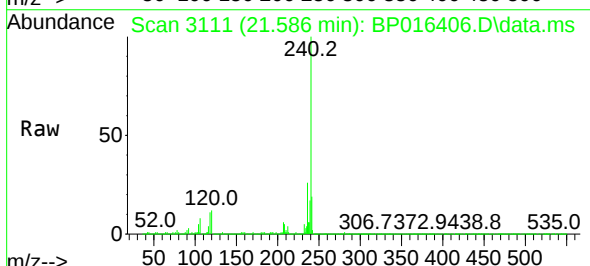
Tgt Ion:240 Resp: 1604796

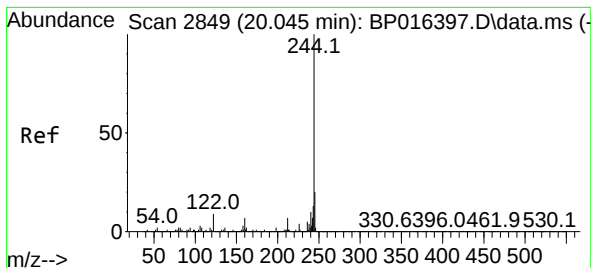
Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9#

236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 107.246 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016406.D

Acq: 27 Jul 2023 18:30

Instrument :

BNA_P

ClientSampleId :

FB02

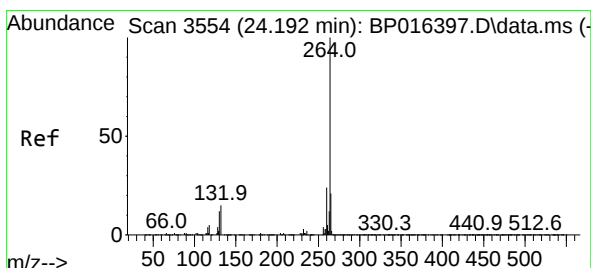
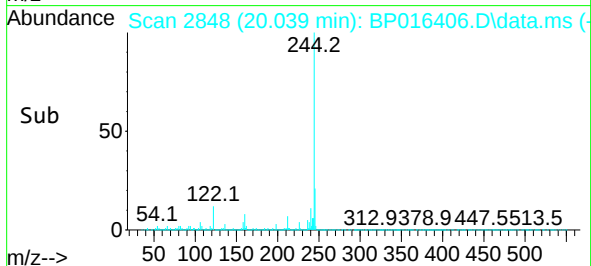
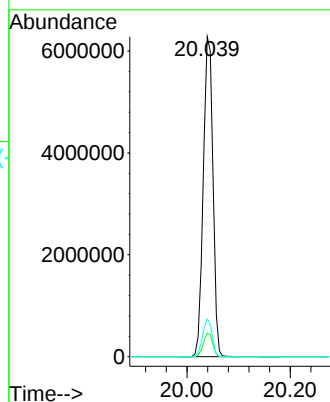
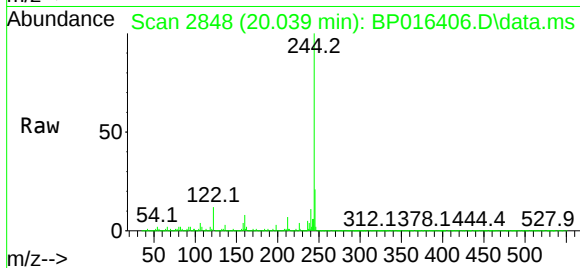
Tgt Ion:244 Resp: 8147404

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.8 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: BP016406.D

Acq: 27 Jul 2023 18:30

Tgt Ion:264 Resp: 1852404

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.1 17.4 26.0

