

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019897.D
 Acq On : 27 Feb 2024 15:27
 Operator : MA/JU
 Sample : P1523-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01

Quant Time: Feb 27 16:06:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

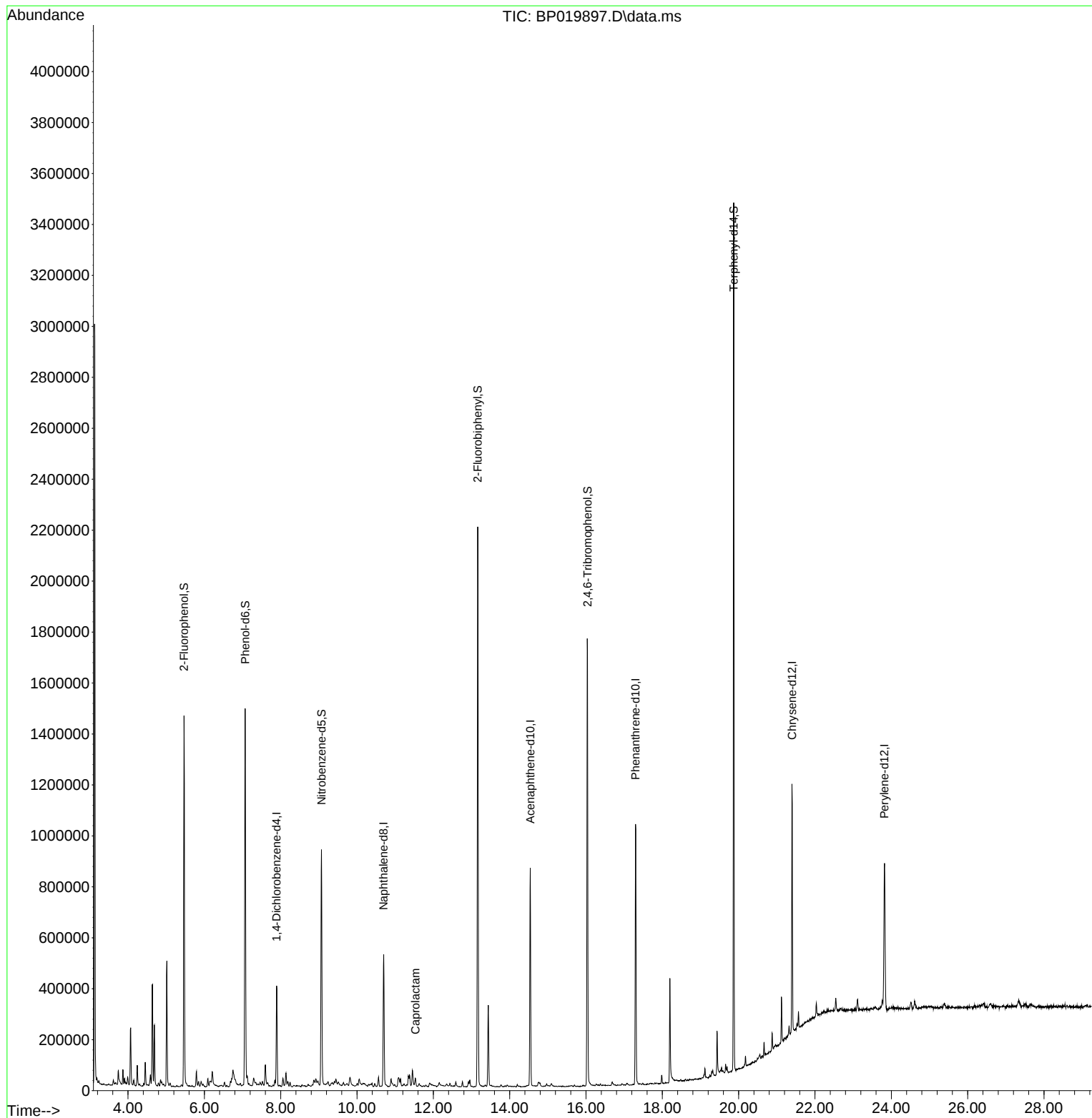
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	106421	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	421639	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	299960	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	652853	20.000	ng	0.00
76) Chrysene-d12	21.398	240	500181	20.000	ng	-0.01
86) Perylene-d12	23.821	264	499566	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	573761	88.493	ng	0.00
7) Phenol-d6	7.069	99	818963	84.838	ng	0.00
23) Nitrobenzene-d5	9.069	82	572186	54.786	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	350555	68.158	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1131343	50.959	ng	0.00
79) Terphenyl-d14	19.869	244	1606602	50.627	ng	-0.01
Target Compounds						
35) Caprolactam	11.534	113	7348	2.675	ng	Qvalue # 27

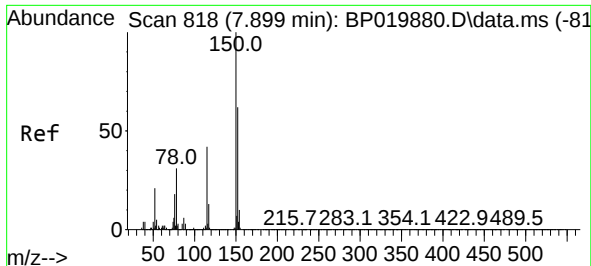
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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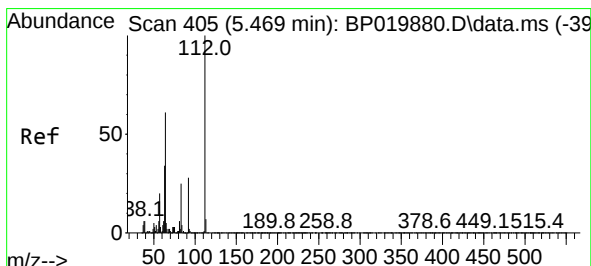
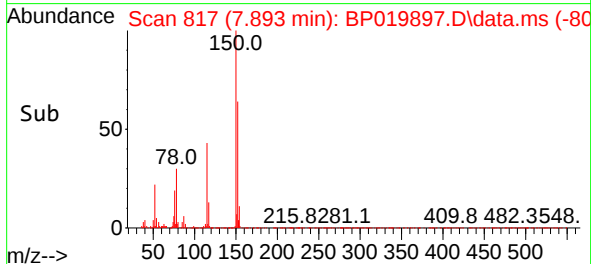
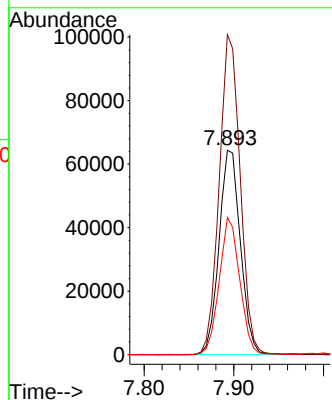
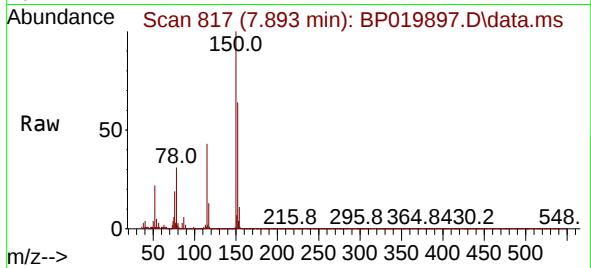




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

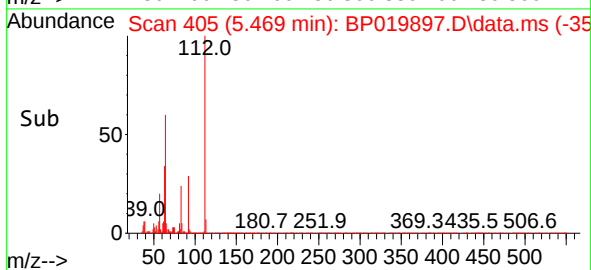
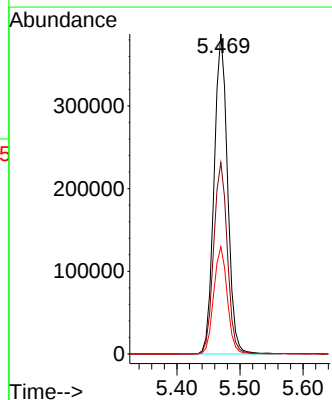
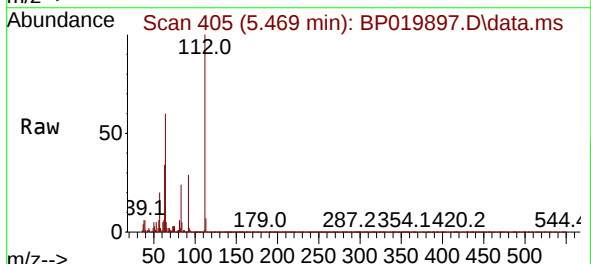
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

Tgt Ion:152 Resp: 106421
Ion Ratio Lower Upper
152 100
150 156.5 128.6 192.8
115 67.0 53.4 80.2



#5
2-Fluorophenol
Concen: 88.493 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

Tgt Ion:112 Resp: 573761
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.6
63 33.5 27.6 41.4

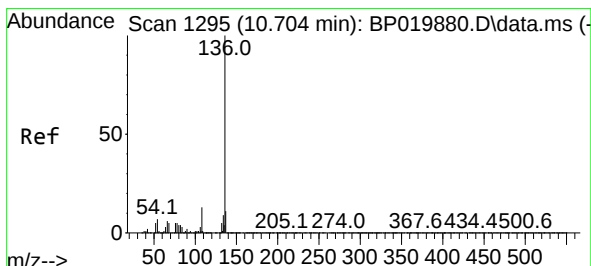
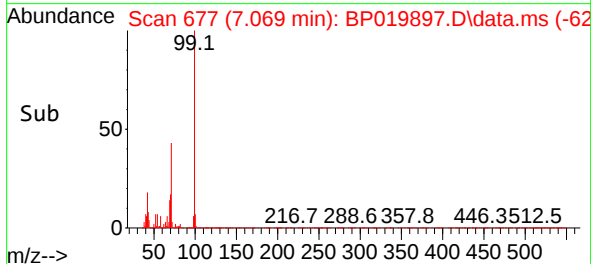
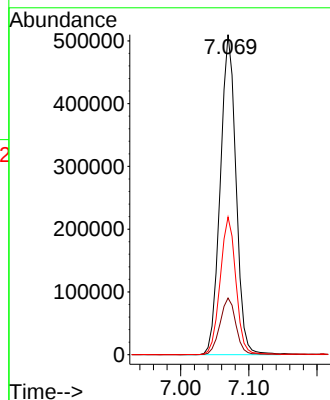
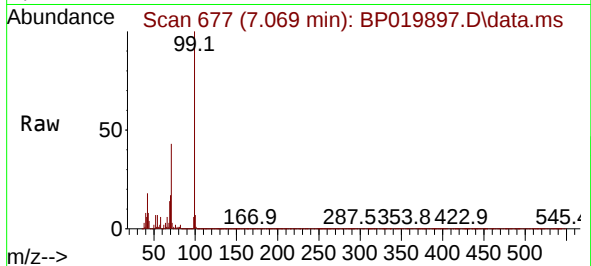




#7
Phenol-d6
Concen: 84.838 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

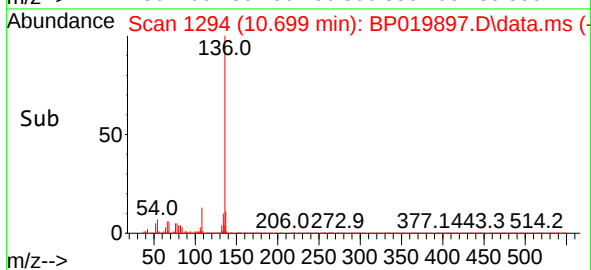
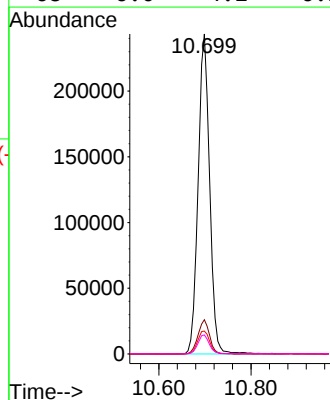
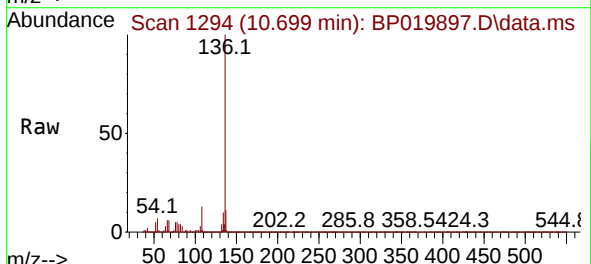
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

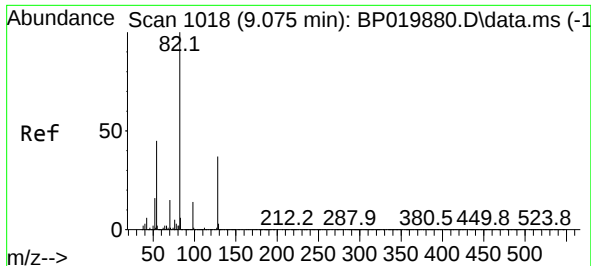
Tgt Ion: 99 Resp: 818963
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.8
71 43.0 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

Tgt Ion: 136 Resp: 421639
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.0 9.0
68 6.0 4.2 6.2

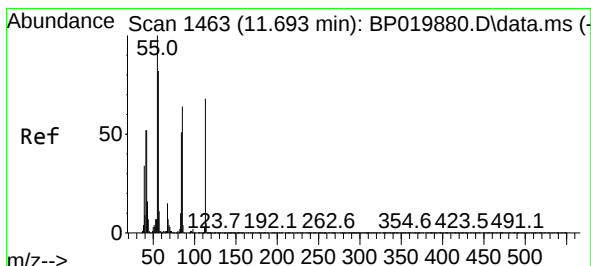
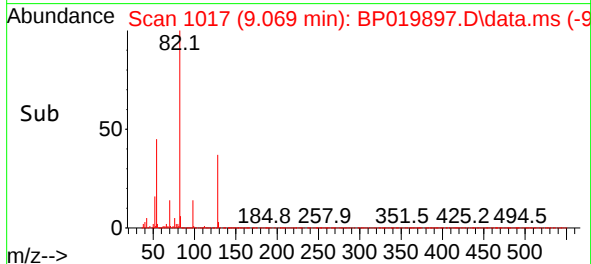
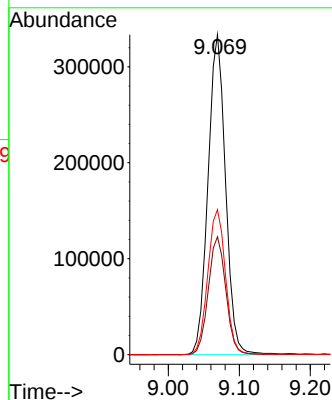
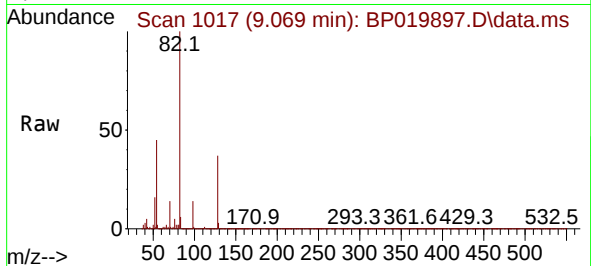




#23
Nitrobenzene-d5
Concen: 54.786 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

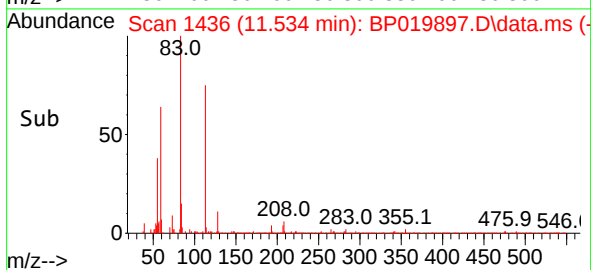
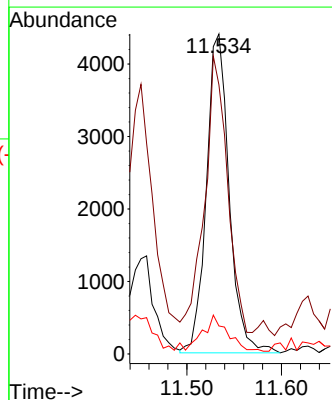
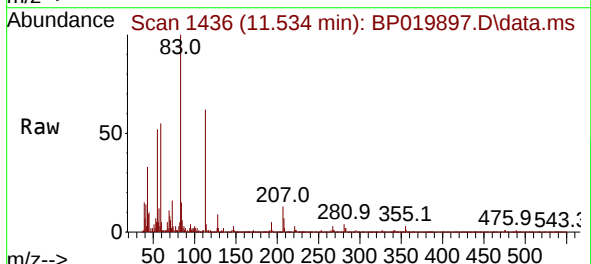
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

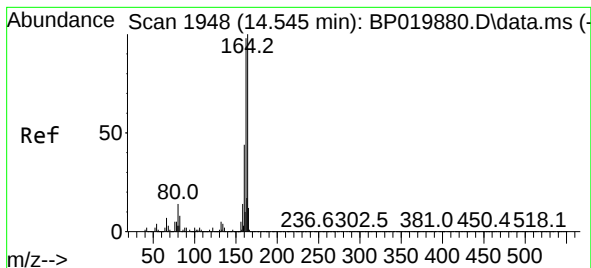
Tgt Ion: 82 Resp: 572186
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 45.3 36.3 54.5



#35
Caprolactam
Concen: 2.675 ng
RT: 11.534 min Scan# 1436
Delta R.T. -0.159 min
Lab File: BP019897.D
Acq: 27 Feb 2024 15:27

Tgt Ion: 113 Resp: 7348
Ion Ratio Lower Upper
113 100
55 84.1 127.6 167.6#
56 8.8 100.9 140.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Instrument :

BNA_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

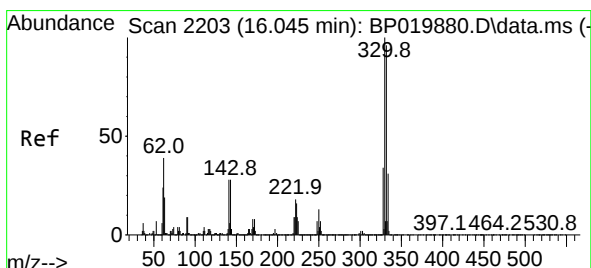
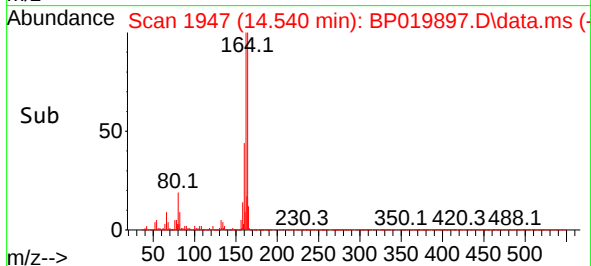
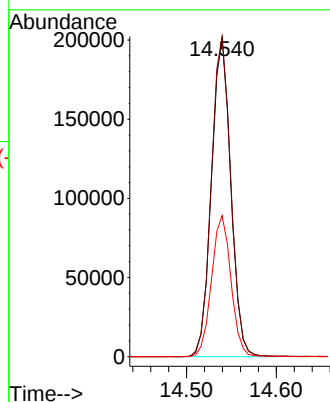
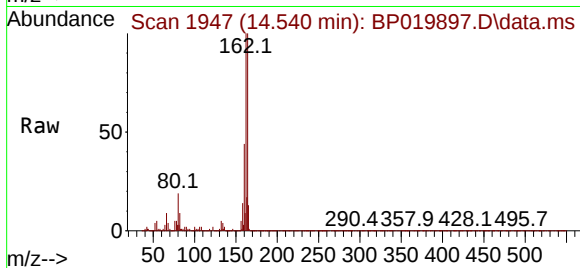
Tgt Ion:164 Resp: 299960

Ion Ratio Lower Upper

164 100

162 100.4 78.1 117.1

160 44.3 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 68.158 ng

RT: 16.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

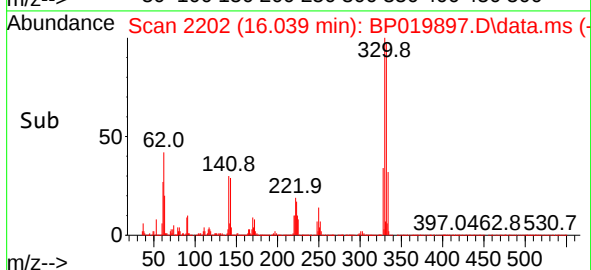
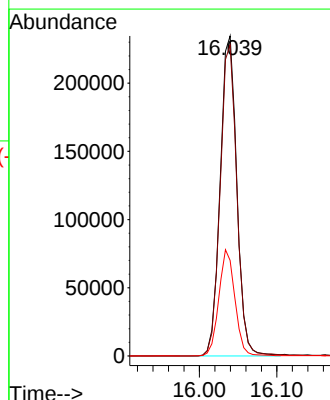
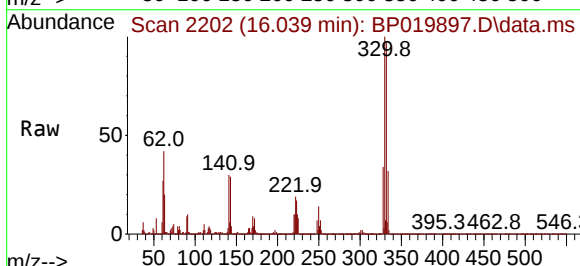
Tgt Ion:330 Resp: 350555

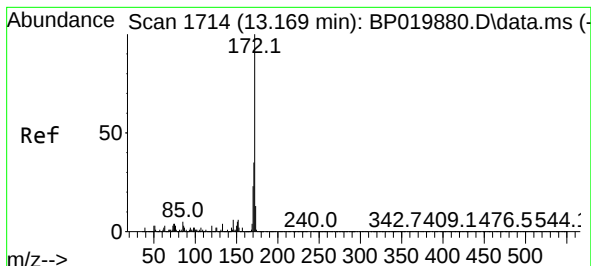
Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

141 32.2 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 50.959 ng

RT: 13.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Instrument :

BNA_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

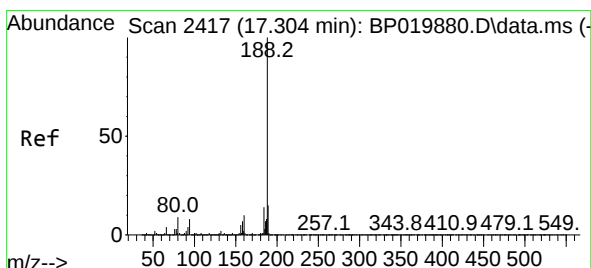
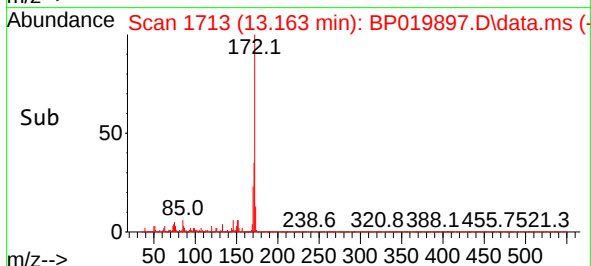
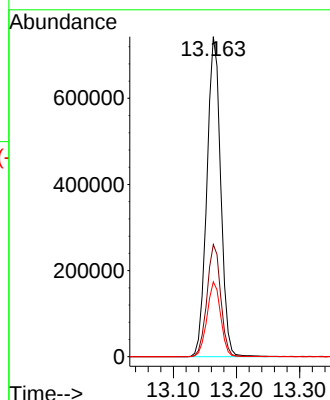
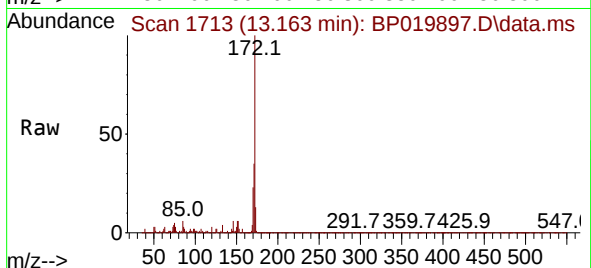
Tgt Ion:172 Resp: 1131343

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.4 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

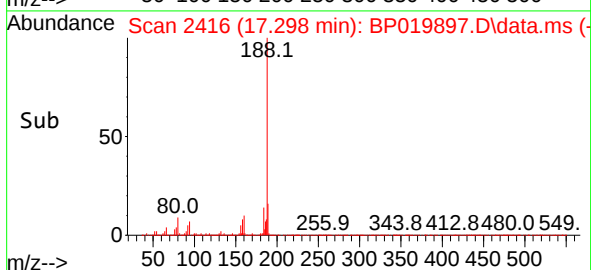
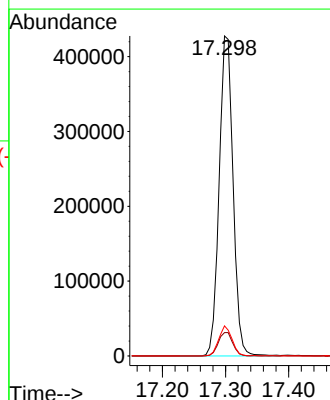
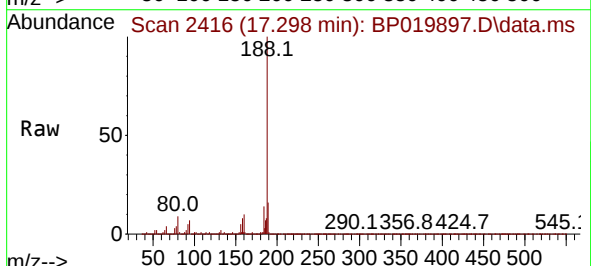
Tgt Ion:188 Resp: 652853

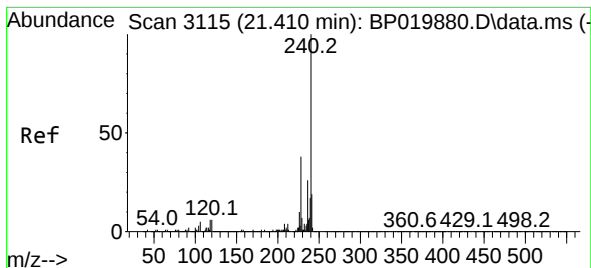
Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

80 9.4 7.0 10.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Instrument :

BNA_P

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20240763-COMPOSITE-39N-N-3-01

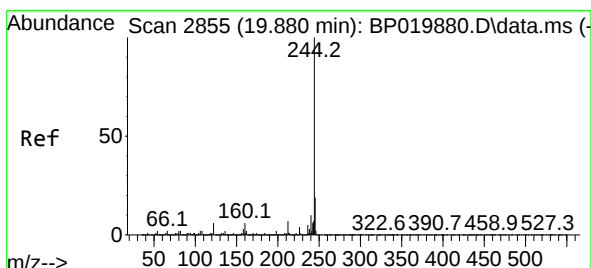
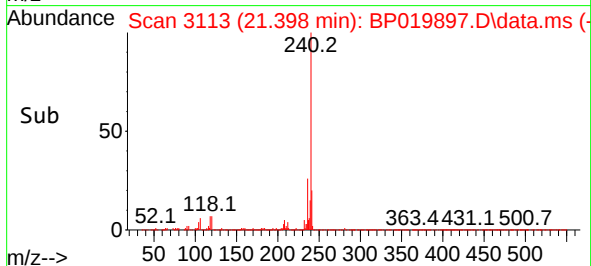
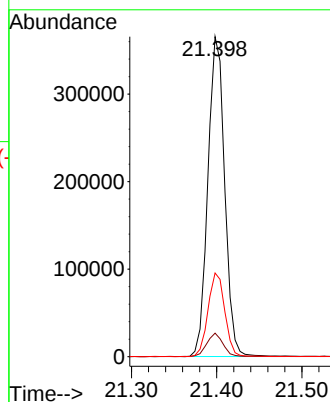
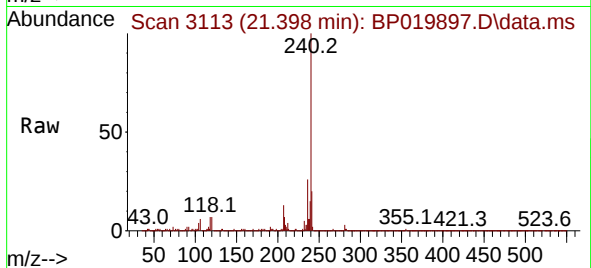
Tgt Ion:240 Resp: 500181

Ion Ratio Lower Upper

240 100

120 7.3 5.1 7.7

236 26.2 20.5 30.7



#79

Terphenyl-d14

Concen: 50.627 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

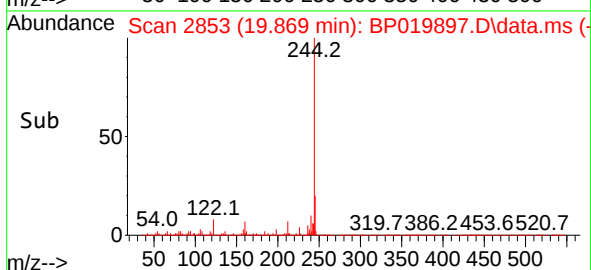
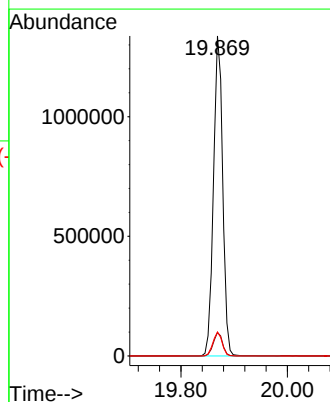
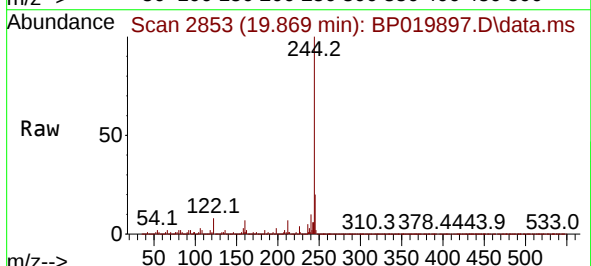
Tgt Ion:244 Resp: 1606602

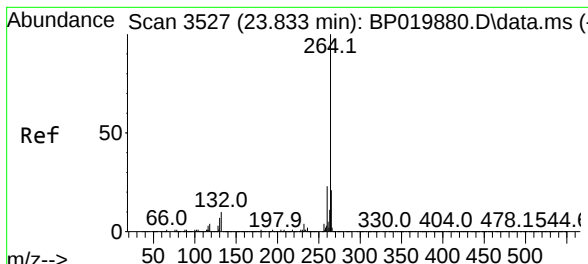
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 7.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 31
 Delta R.T. -0.012 min
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Tgt Ion:264 Resp: 499566

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.4	26.2

