

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019639.D
 Acq On : 09 Feb 2024 19:00
 Operator : MA/JU
 Sample : P1372-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-17-ch6DL

Quant Time: Feb 10 00:52:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

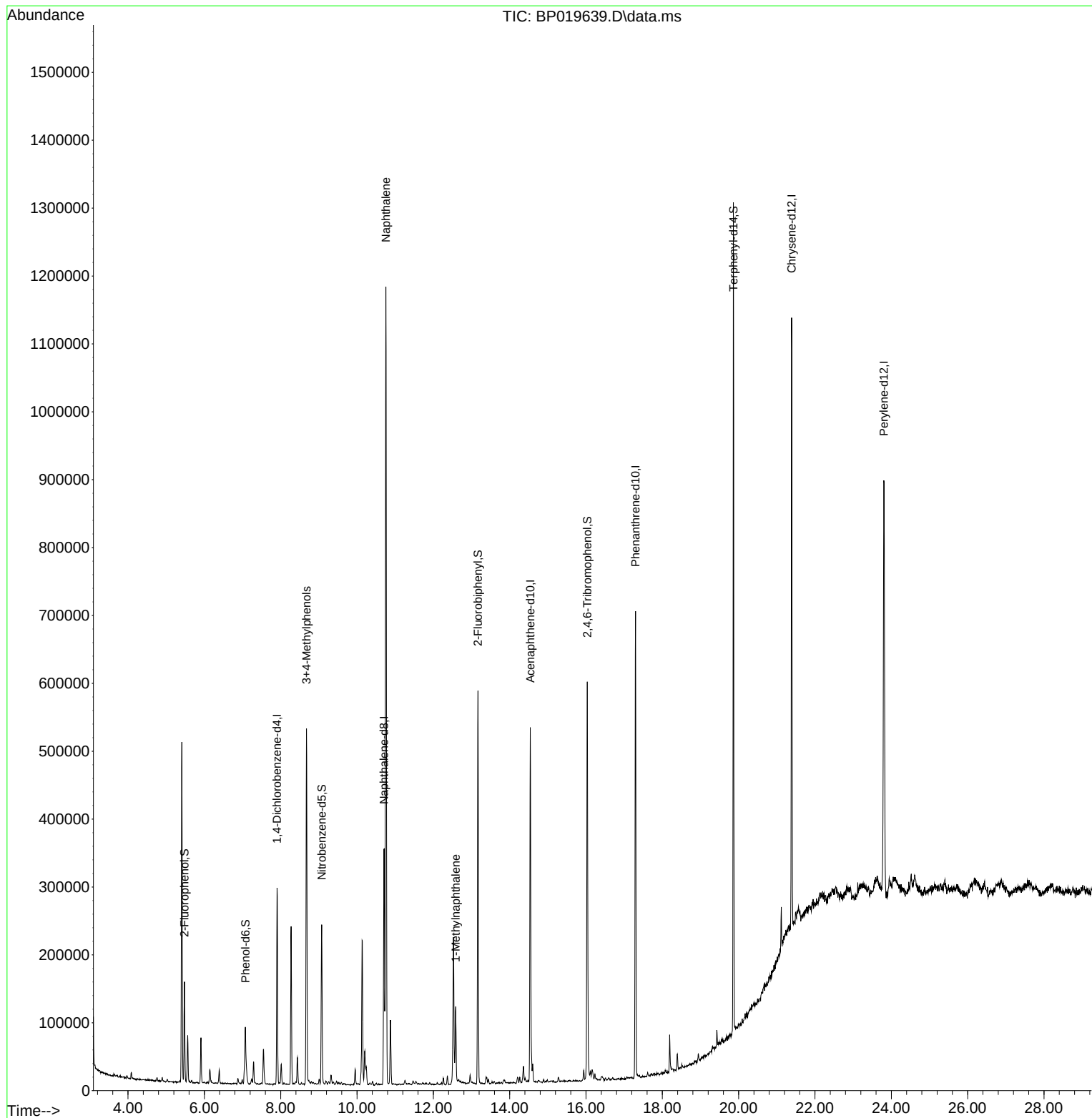
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	77784	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	288851	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	183953	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	433311	20.000	ng	0.00
76) Chrysene-d12	21.386	240	461314	20.000	ng	0.00
86) Perylene-d12	23.804	264	534316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	61046	12.651	ng	0.00
7) Phenol-d6	7.075	99	45916	7.057	ng	-0.01
23) Nitrobenzene-d5	9.075	82	139968	20.997	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	104227	38.806	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	299639	20.137	ng	-0.01
79) Terphenyl-d14	19.863	244	585201	20.862	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.675	107	229145	38.457	ng	92
31) Naphthalene	10.757	128	957523	60.441	ng	99
38) 1-Methylnaphthalene	12.587	142	47021	4.364	ng	95

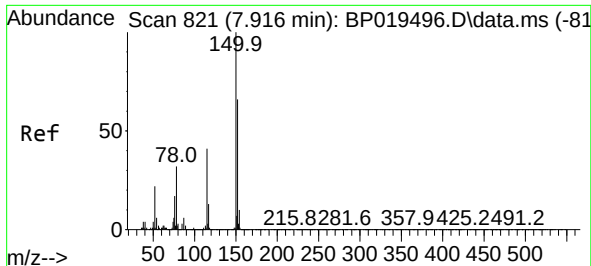
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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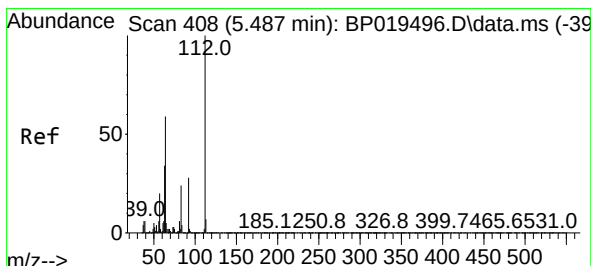
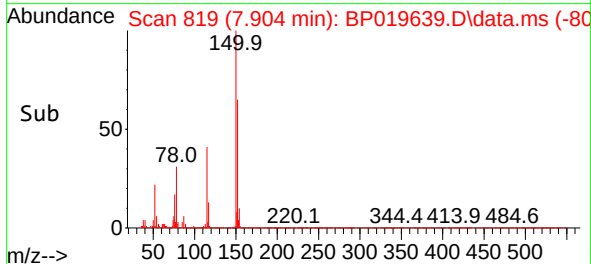
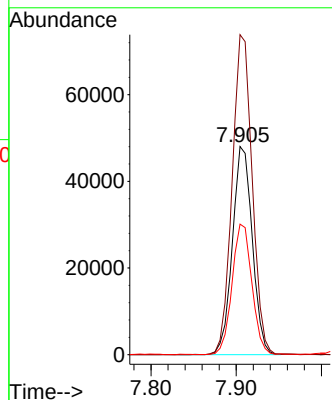
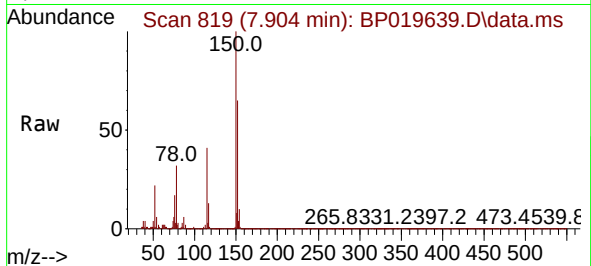




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

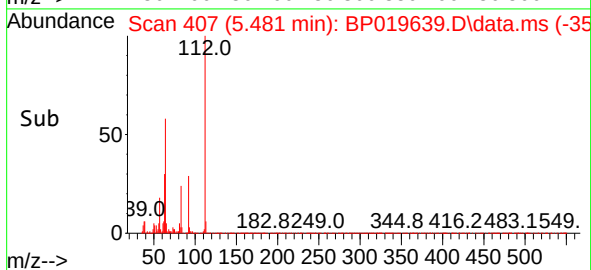
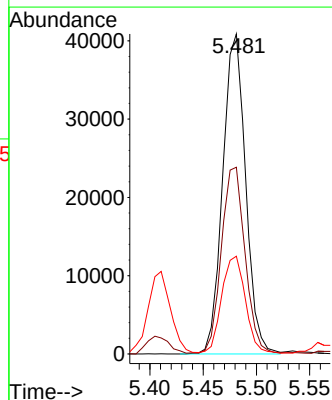
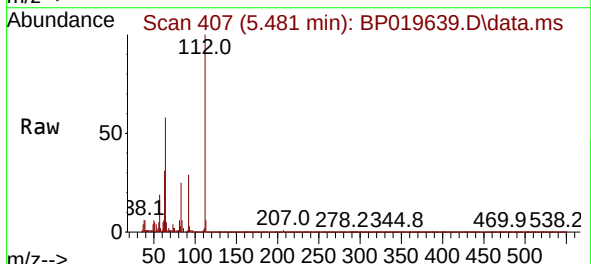
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch6DL

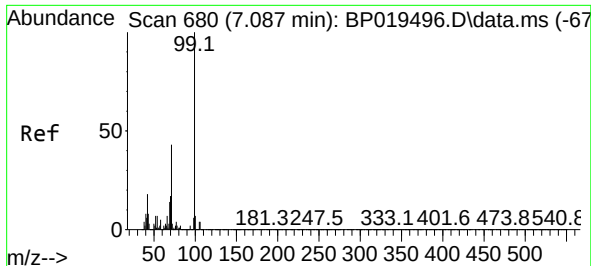
Tgt Ion:152 Resp: 77784
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 12.651 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion:112 Resp: 61046
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 30.5 27.0 40.6

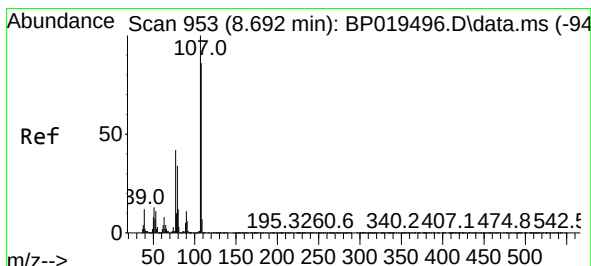
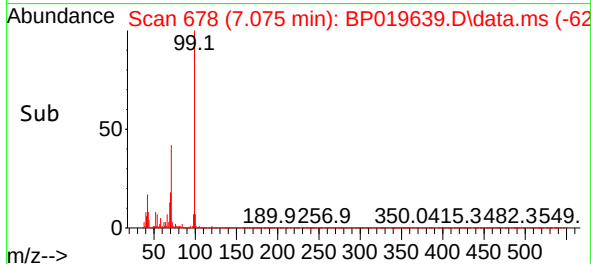
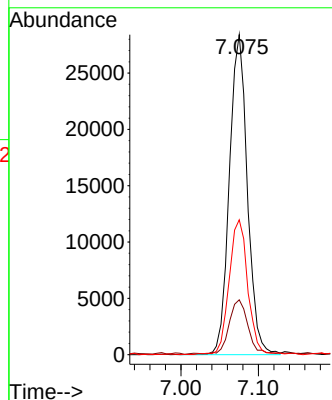
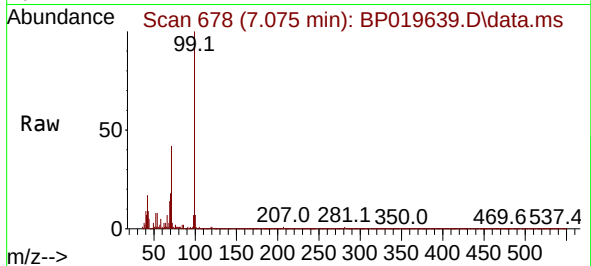




#7
Phenol-d6
Concen: 7.057 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

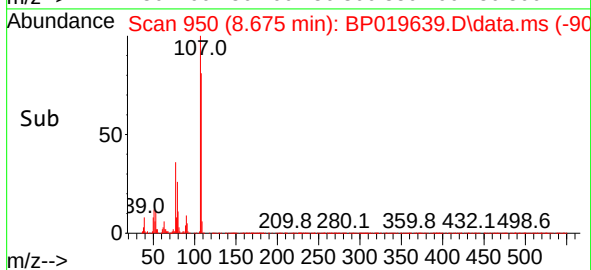
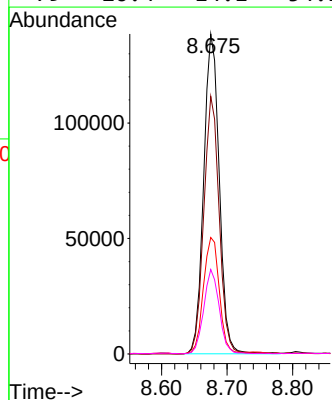
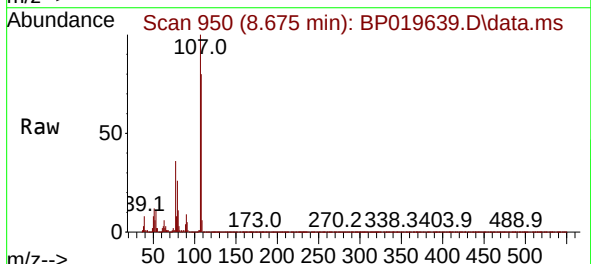
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch6DL

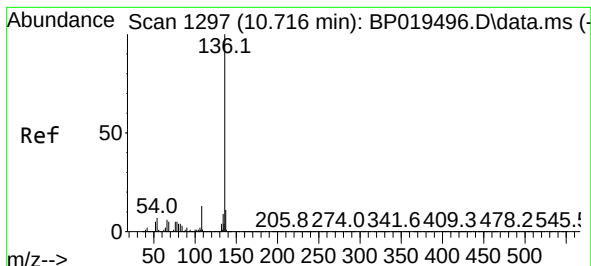
Tgt Ion: 99 Resp: 45916
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 42.1 34.8 52.2



#20
3+4-Methylphenols
Concen: 38.457 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.017 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion: 107 Resp: 229145
Ion Ratio Lower Upper
107 100
108 80.5 65.5 105.5
77 36.4 21.8 61.8
79 26.4 14.1 54.1

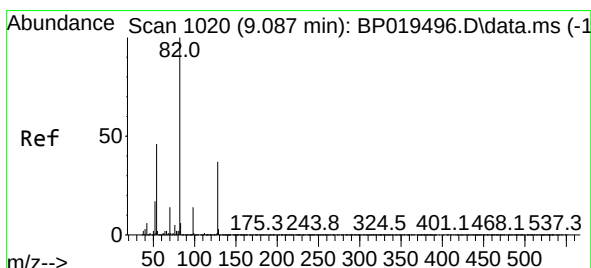
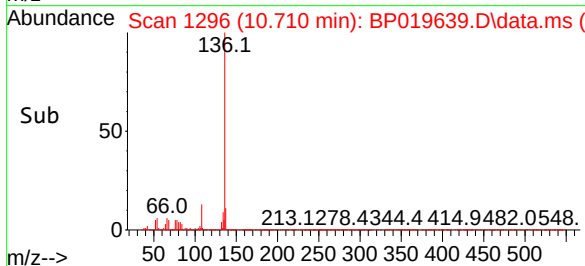
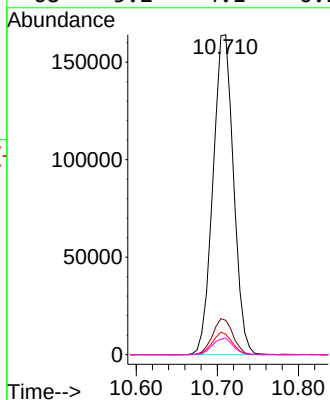
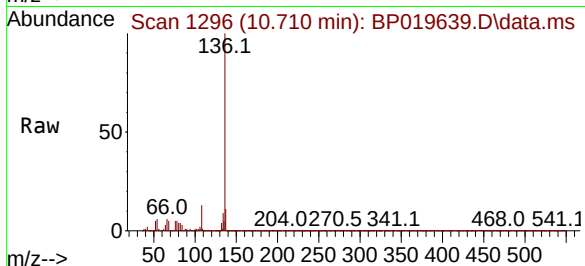




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

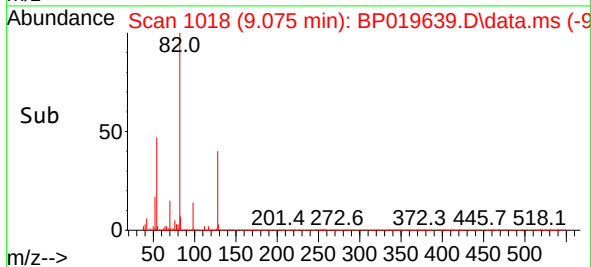
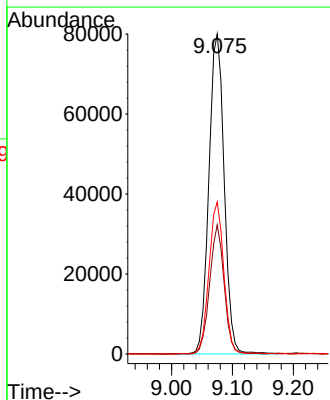
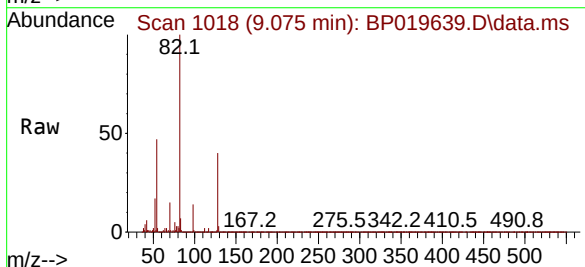
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch6DL

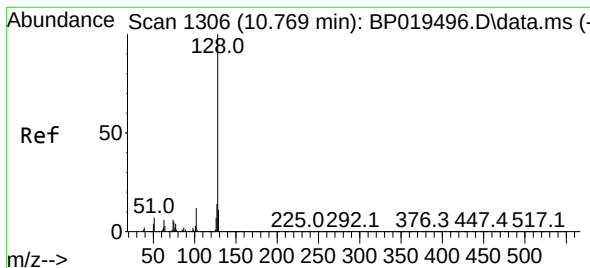
Tgt Ion:	136	Resp:	288851
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.4	5.3	7.9
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 20.997 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion:	82	Resp:	139968
Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.7	44.5
54	47.5	36.8	55.2

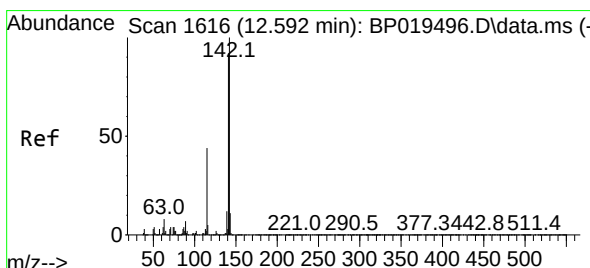
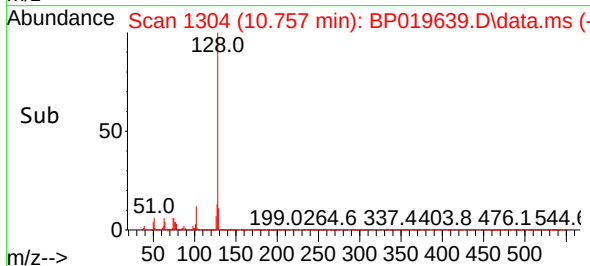
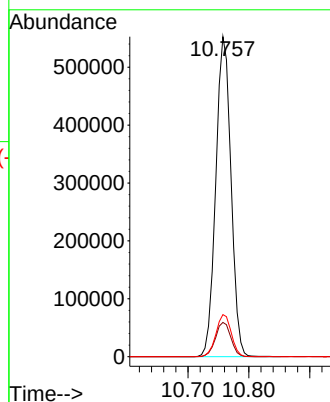
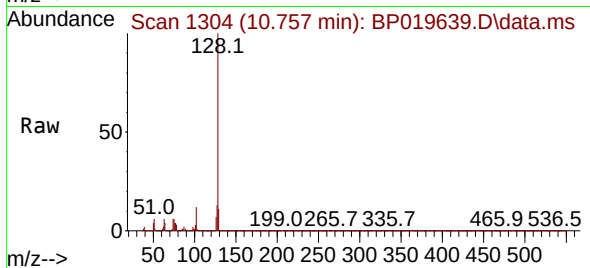




#31
Naphthalene
Concen: 60.441 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

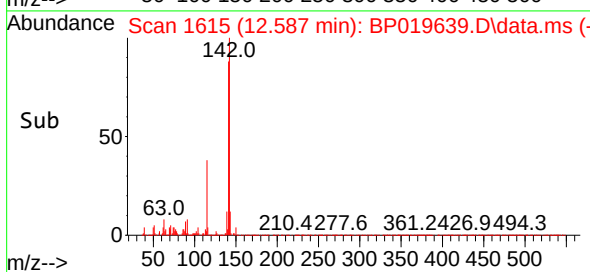
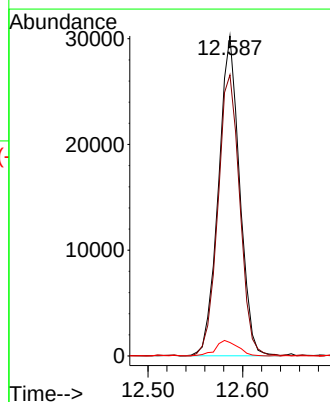
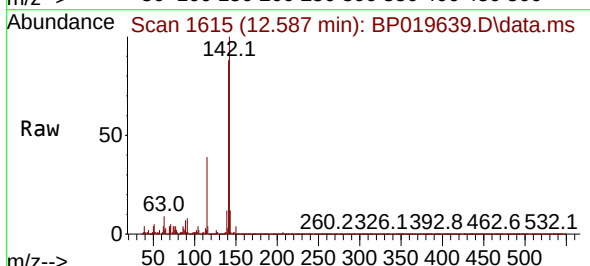
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch6DL

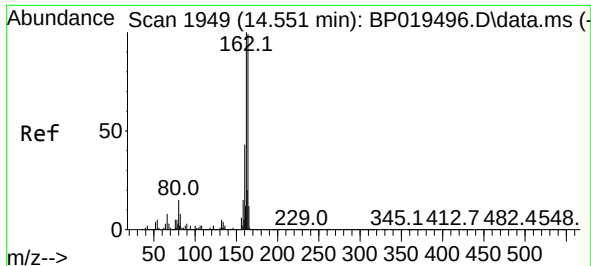
Tgt Ion:128 Resp: 957523
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.8 16.2



#38
1-Methylnaphthalene
Concen: 4.364 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion:142 Resp: 47021
Ion Ratio Lower Upper
142 100
141 87.8 74.0 111.0
116 4.2 3.7 5.5

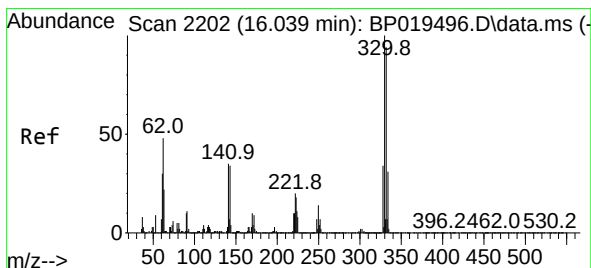
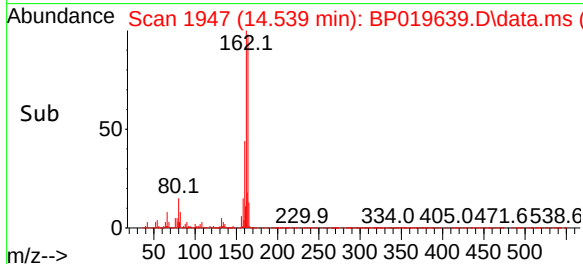
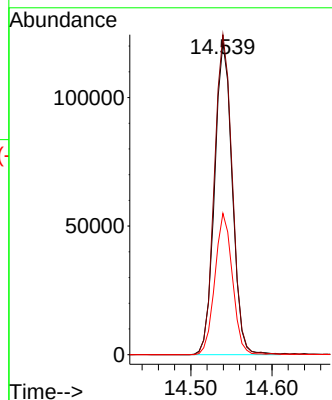
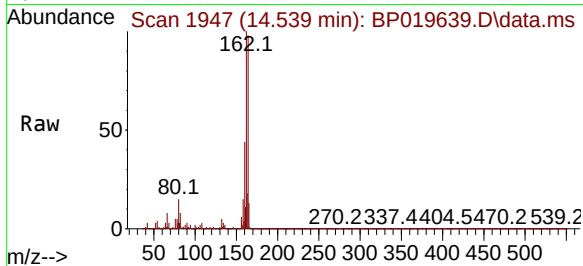




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

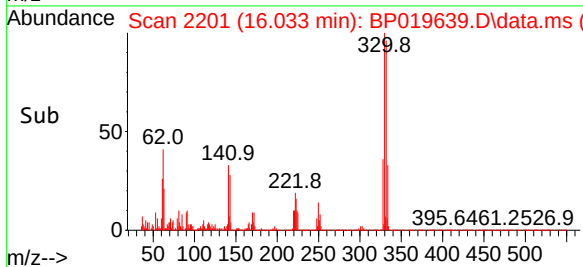
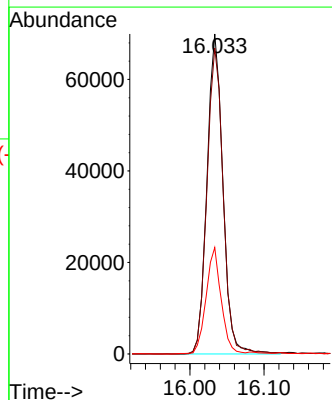
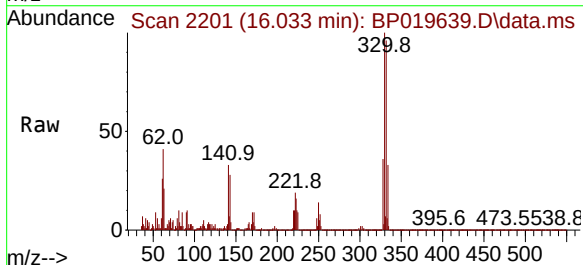
Instrument :
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ClientSampleId :
CG-MW-17-ch6DL

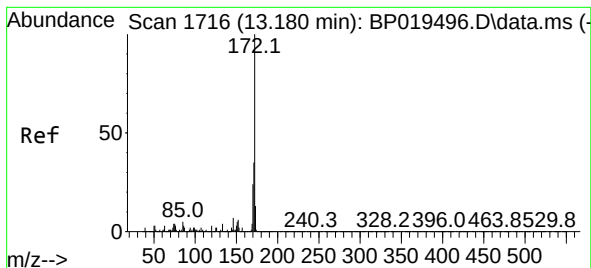
Tgt Ion:164 Resp: 183953
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 45.3 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 38.806 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion:330 Resp: 104227
Ion Ratio Lower Upper
330 100
332 97.9 77.2 115.8
141 31.7 27.0 40.4

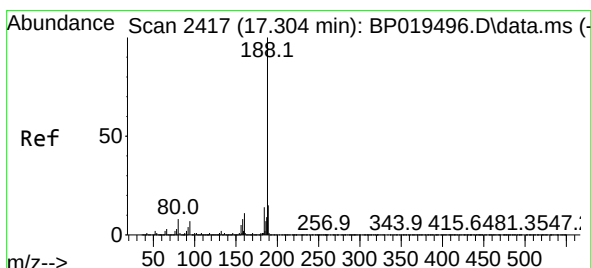
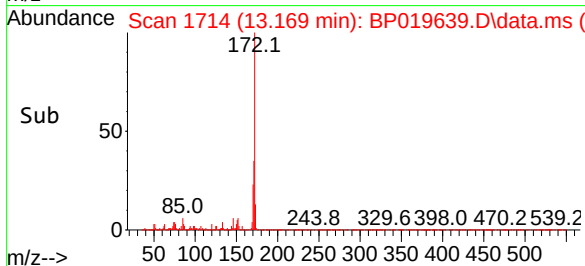
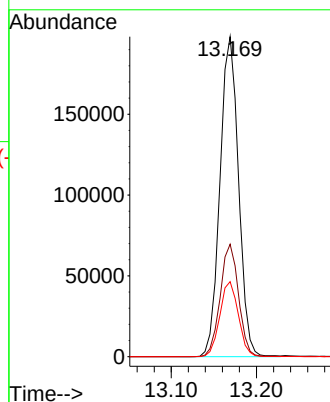
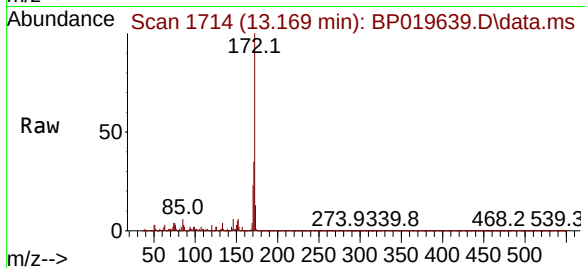




#45
2-Fluorobiphenyl
Concen: 20.137 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

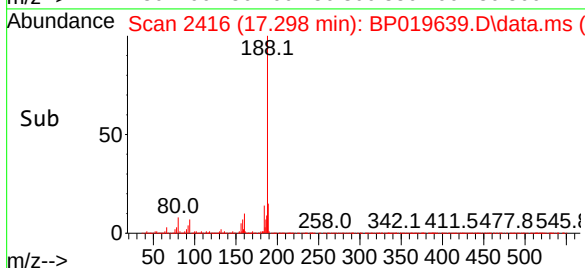
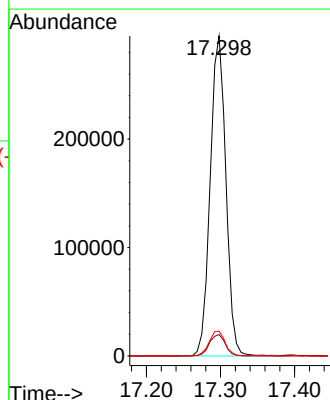
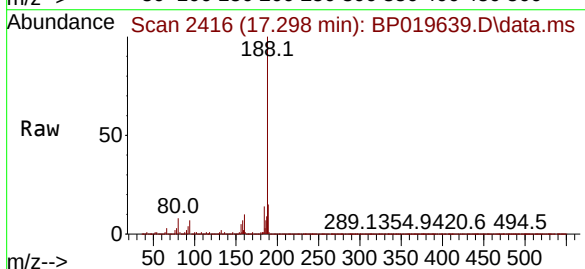
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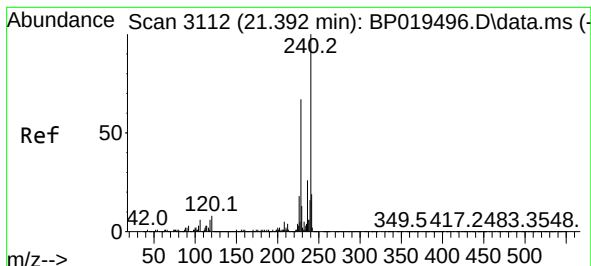
Tgt Ion:172 Resp: 299639
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019639.D
Acq: 09 Feb 2024 19:00

Tgt Ion:188 Resp: 433311
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.8 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019639.D

Acq: 09 Feb 2024 19:00

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-ch6DL

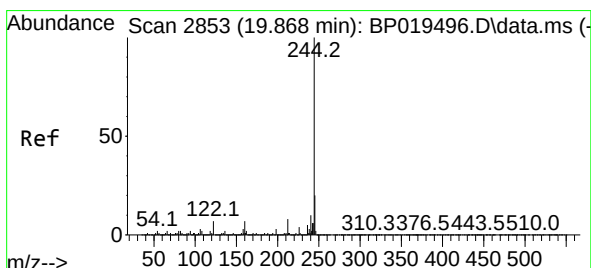
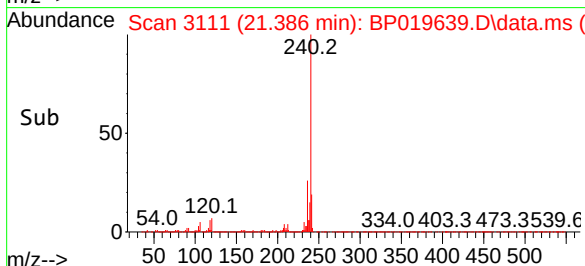
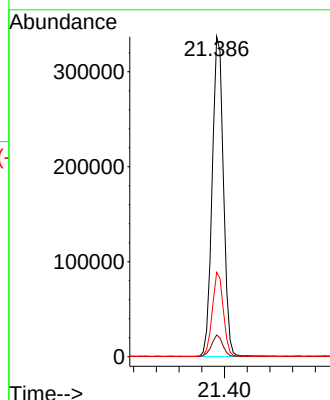
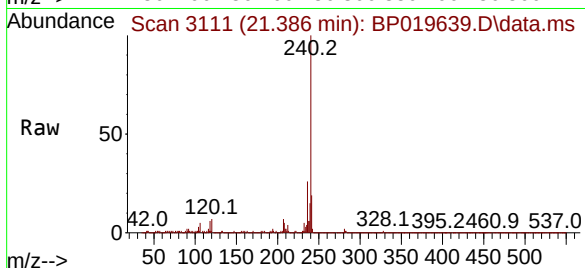
Tgt Ion:240 Resp: 461314

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 26.4 20.7 31.1



#79

Terphenyl-d14

Concen: 20.862 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019639.D

Acq: 09 Feb 2024 19:00

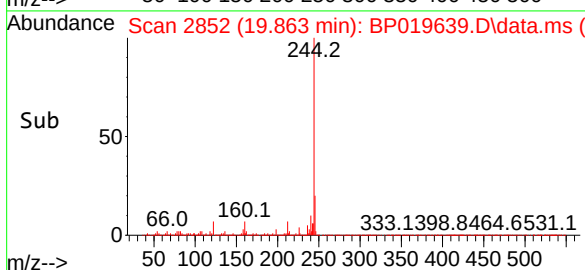
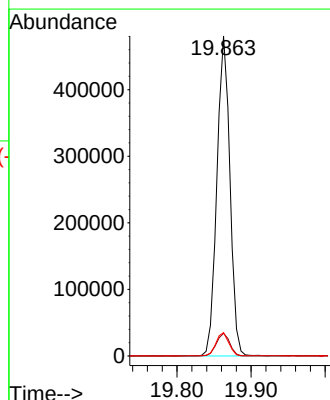
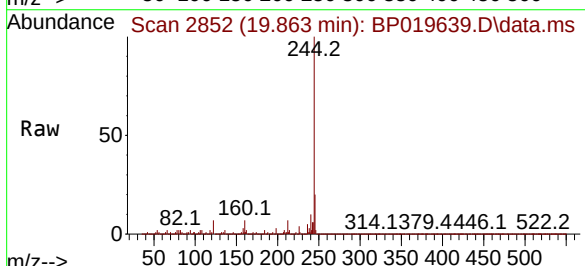
Tgt Ion:244 Resp: 585201

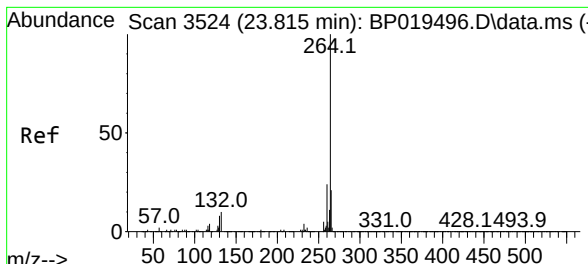
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 7.3 5.9 8.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP019639.D
 Acq: 09 Feb 2024 19:00

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-17-ch6DL

Tgt Ion:264	Resp:	534316
Ion	Ratio	Lower Upper
264	100	
260	23.2	19.2 28.8
265	22.1	17.0 25.4

