

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019636.D
 Acq On : 09 Feb 2024 17:19
 Operator : MA/JU
 Sample : P1372-05DL3 80X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-17-ch4DL3

Quant Time: Feb 09 17:49:58 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)

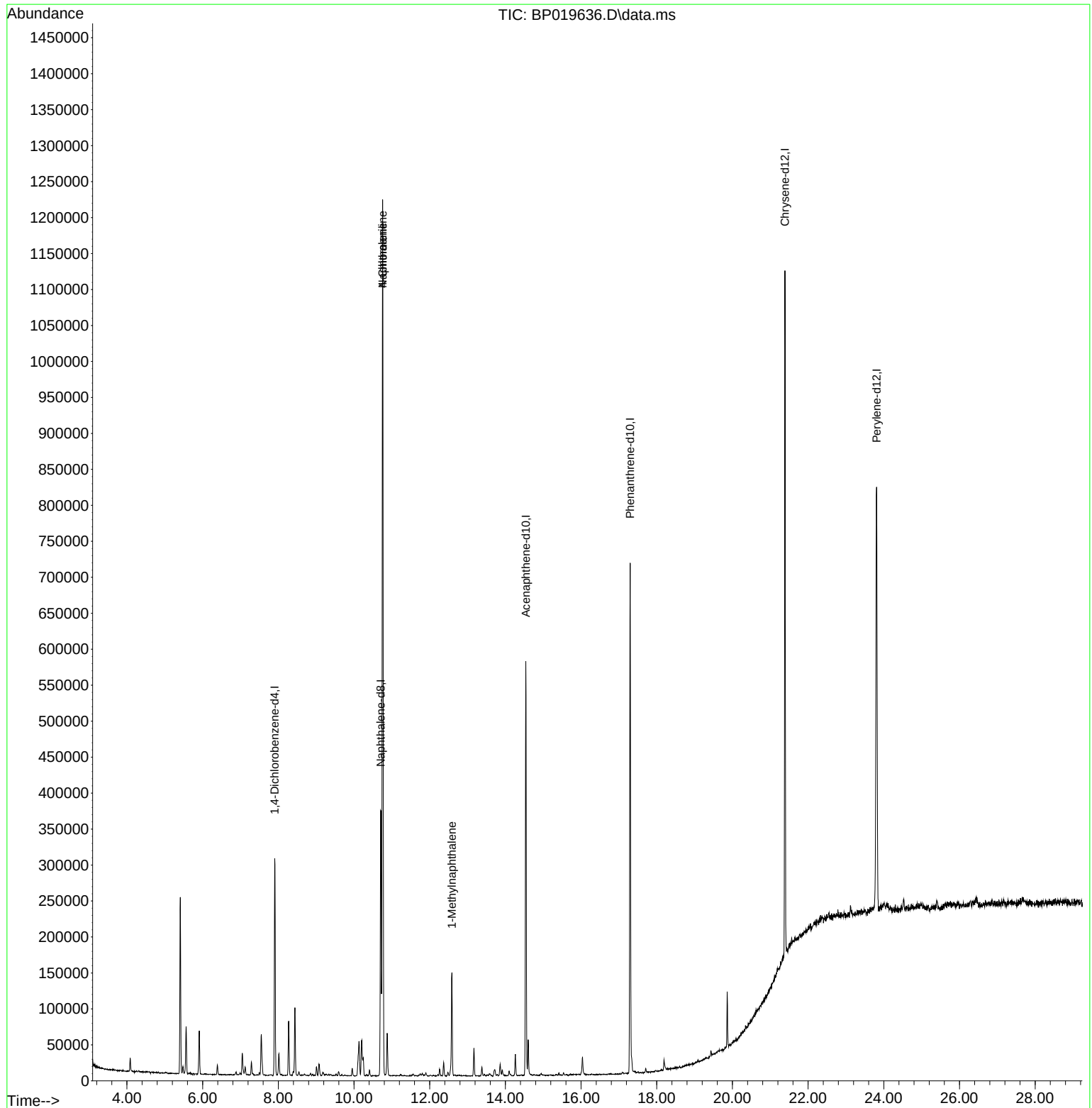
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	81199	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	311566	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	204577	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	453264	20.000	ng	0.00
76) Chrysene-d12	21.386	240	473318	20.000	ng	0.00
86) Perylene-d12	23.810	264	525607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3926	0.779	ng	0.00
7) Phenol-d6	7.075	99	2833	0.417	ng	-0.01
23) Nitrobenzene-d5	9.075	82	8921	1.241	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	5724	1.916	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	20236	1.223	ng	-0.01
79) Terphenyl-d14	19.863	244	36828	1.280	ng	0.00
Target Compounds						
31) Naphthalene	10.757	128	976146	57.125	ng	Qvalue 99
33) 4-Chloroaniline	10.757	127	128085	20.269	ng	# 31
38) 1-Methylnaphthalene	12.587	142	65311	5.620	ng	94

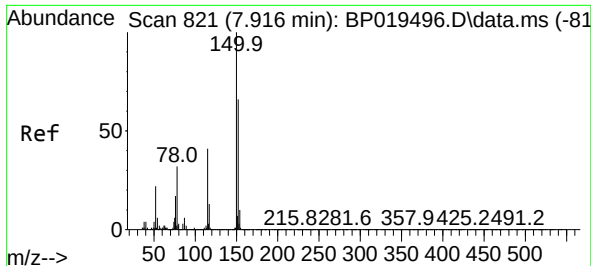
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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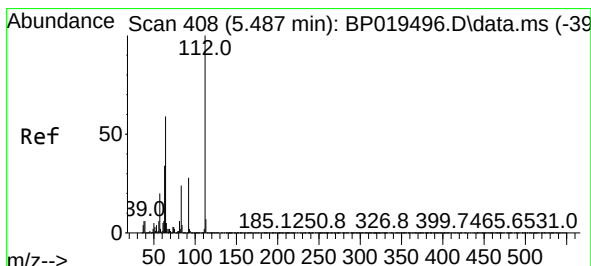
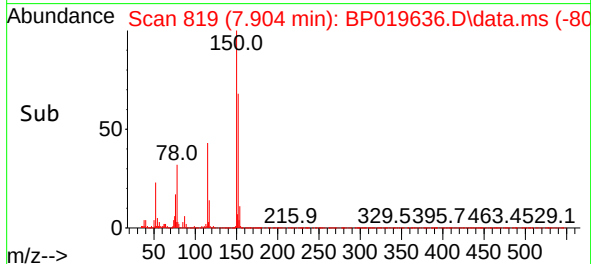
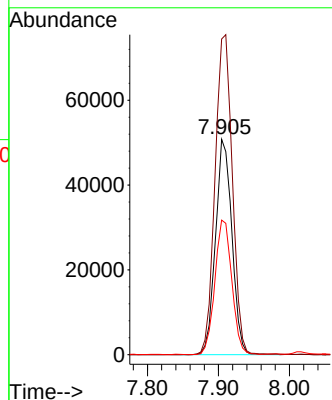
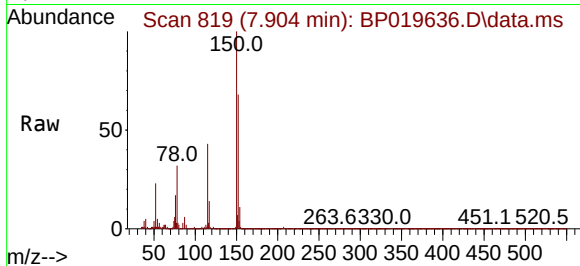




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

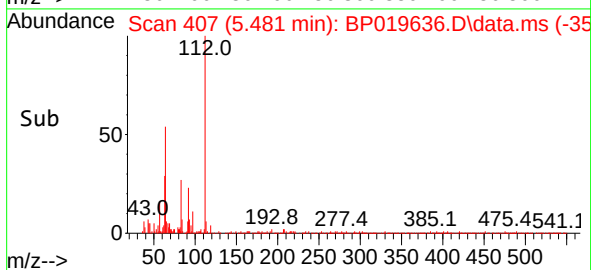
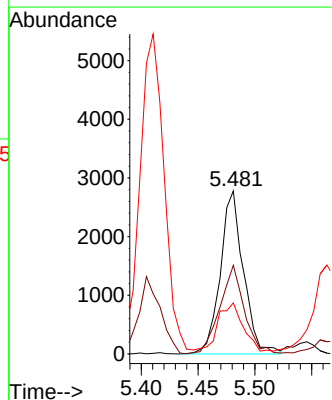
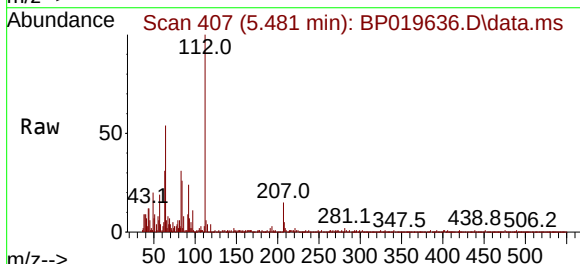
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch4DL3

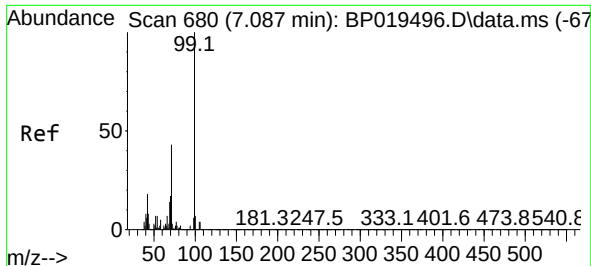
Tgt Ion:152 Resp: 81199
Ion Ratio Lower Upper
152 100
150 146.6 121.8 182.8
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 0.779 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

Tgt Ion:112 Resp: 3926
Ion Ratio Lower Upper
112 100
64 54.4 47.4 71.0
63 31.3 27.0 40.6

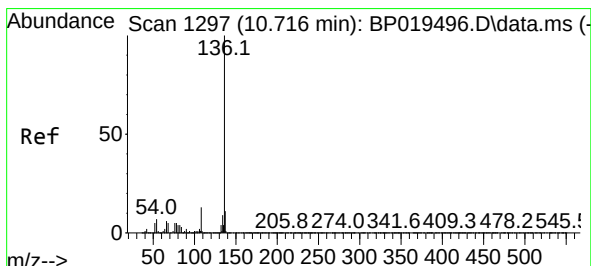
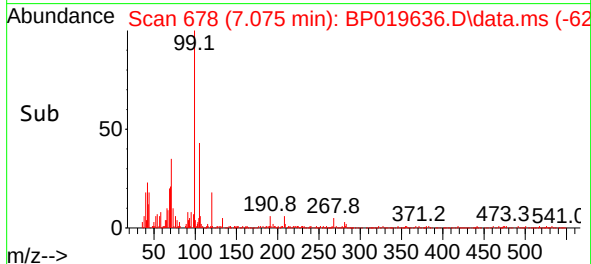
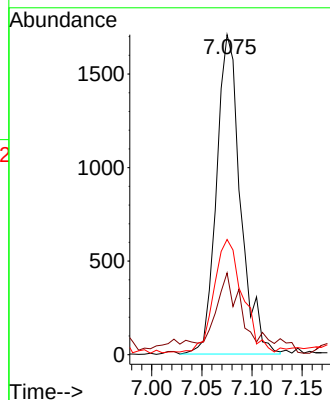
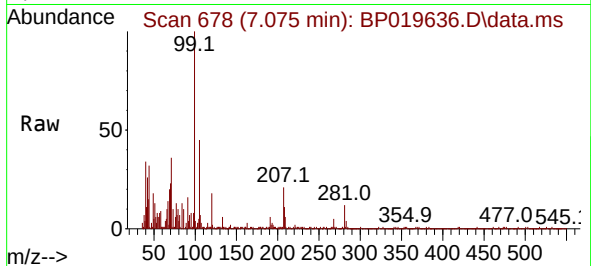




#7
Phenol-d6
Concen: 0.417 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

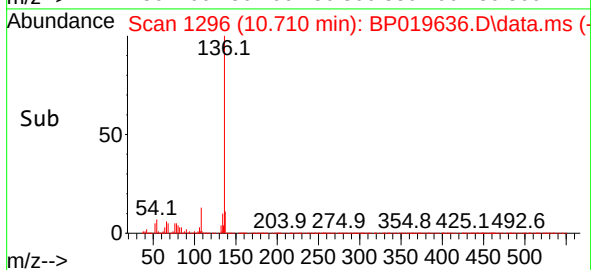
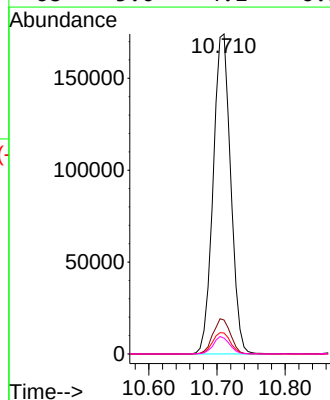
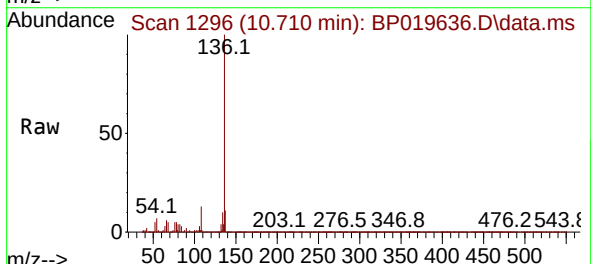
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch4DL3

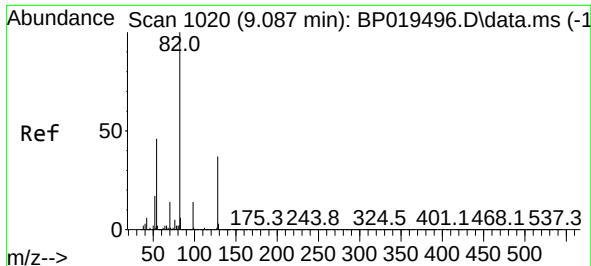
Tgt Ion: 99 Resp: 2833
Ion Ratio Lower Upper
99 100
42 25.6 14.7 22.1#
71 36.0 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

Tgt Ion: 136 Resp: 311566
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.3 7.9
68 5.0 4.1 6.1

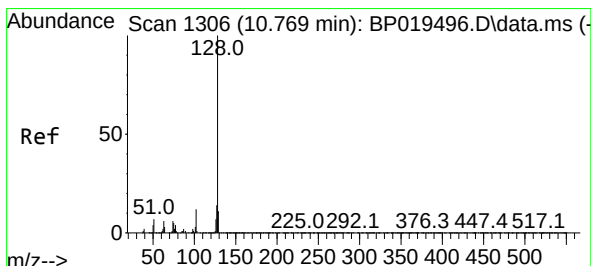
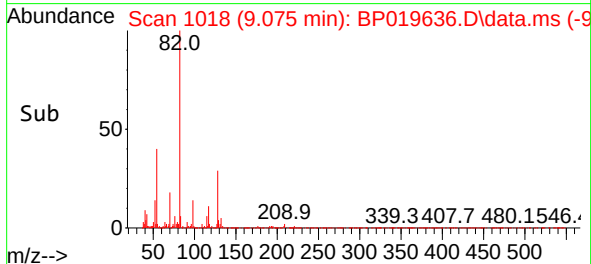
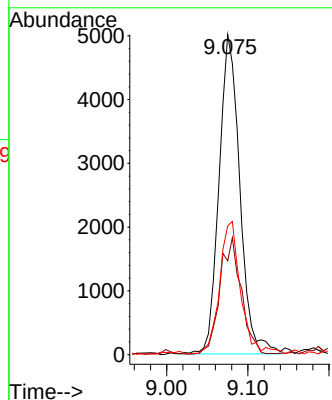
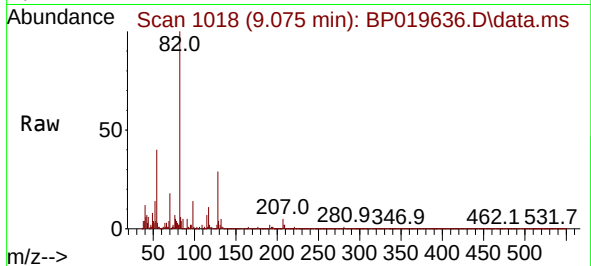




#23
Nitrobenzene-d5
Concen: 1.241 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

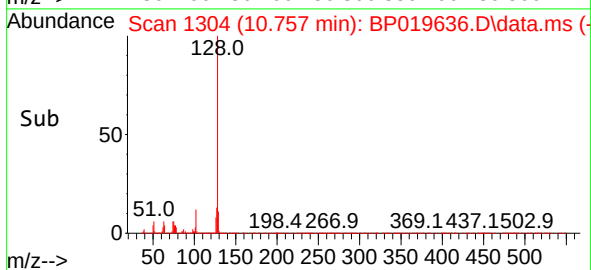
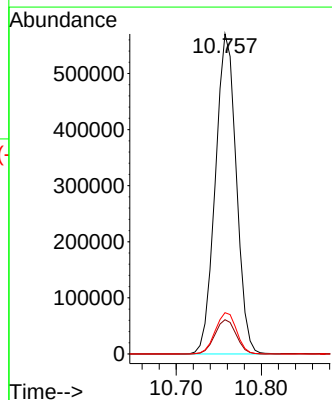
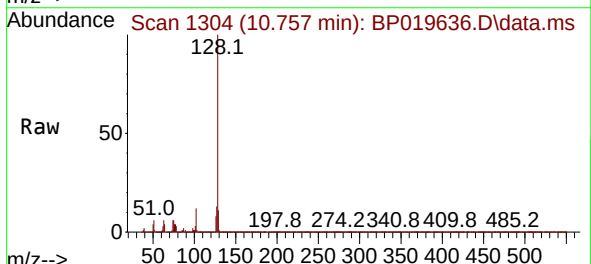
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch4DL3

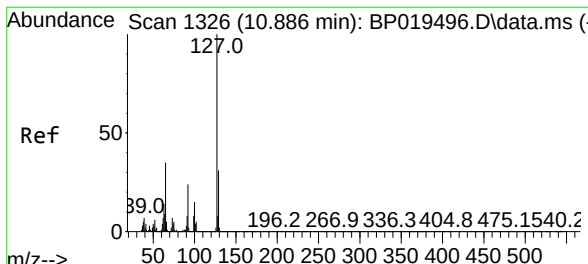
Tgt Ion: 82 Resp: 8921
Ion Ratio Lower Upper
82 100
128 29.3 29.7 44.5#
54 40.3 36.8 55.2



#31
Naphthalene
Concen: 57.125 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

Tgt Ion:128 Resp: 976146
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.8 16.2

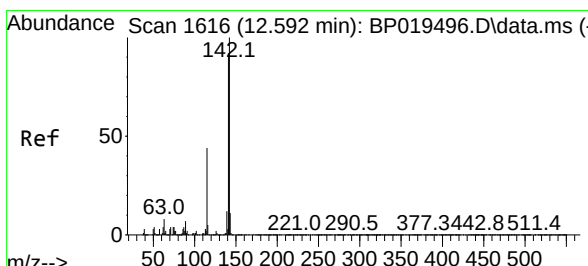
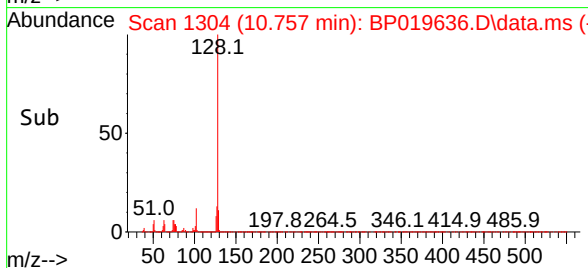
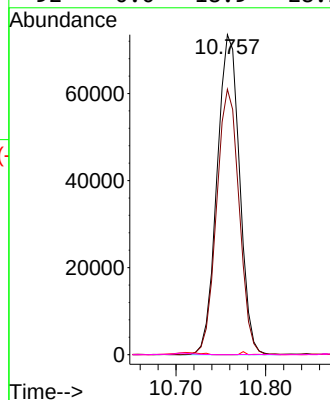
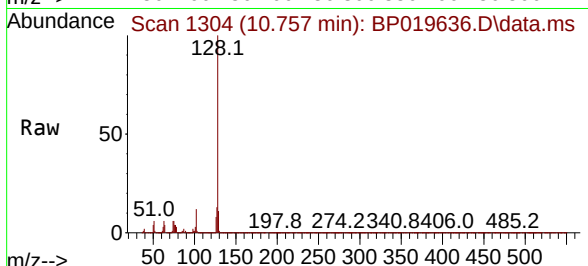




#33
4-Chloroaniline
Concen: 20.269 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.129 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

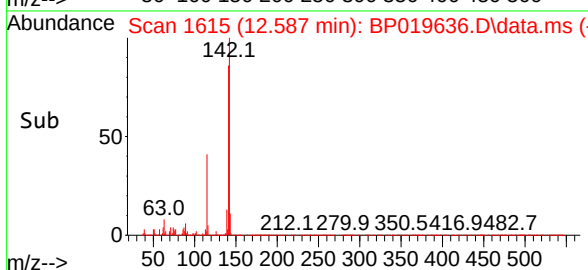
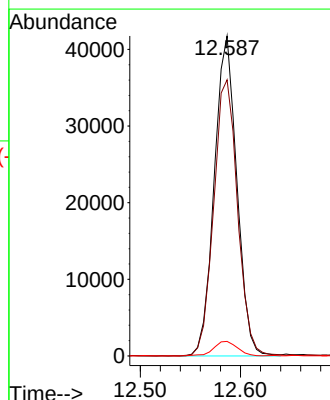
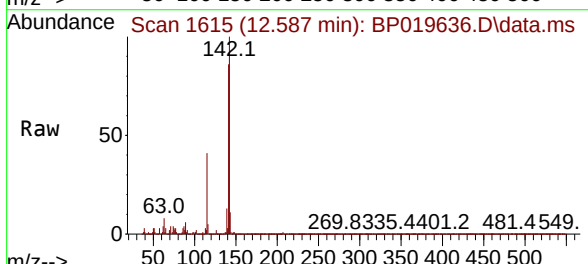
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch4DL3

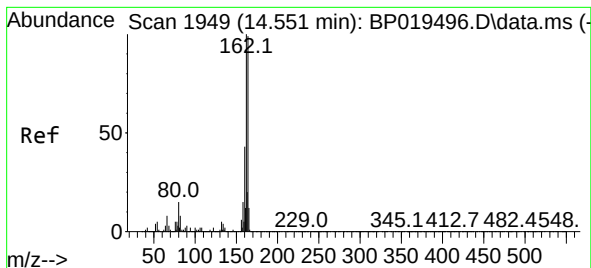
Tgt Ion:	127	Resp:	128085
Ion	Ratio	Lower	Upper
127	100		
129	82.9	24.6	36.8#
65	0.0	28.2	42.4#
92	0.0	18.9	28.3#



#38
1-Methylnaphthalene
Concen: 5.620 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

Tgt Ion:	142	Resp:	65311
Ion	Ratio	Lower	Upper
142	100		
141	86.3	74.0	111.0
116	4.5	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: BP019636.D

Acq: 09 Feb 2024 17:19

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-ch4DL3

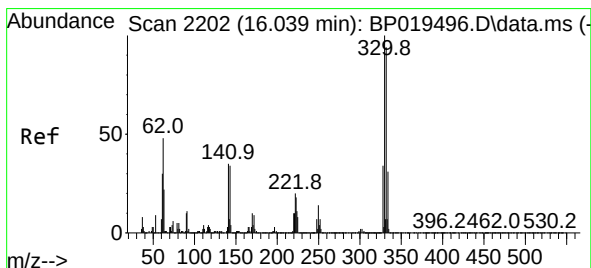
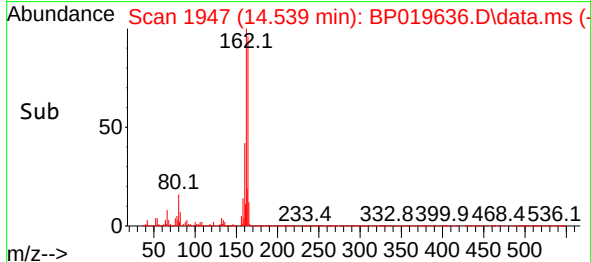
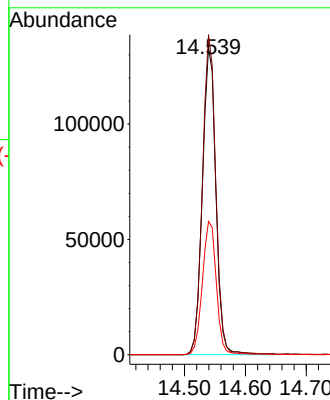
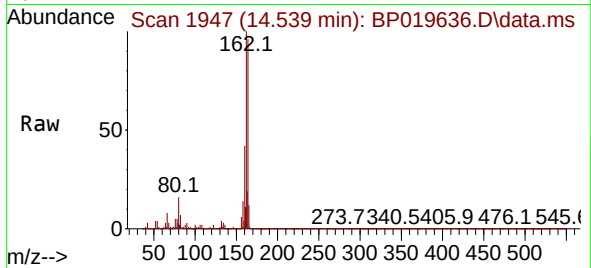
Tgt Ion:164 Resp: 204577

Ion Ratio Lower Upper

164 100

162 104.2 81.2 121.8

160 43.4 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 1.916 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BP019636.D

Acq: 09 Feb 2024 17:19

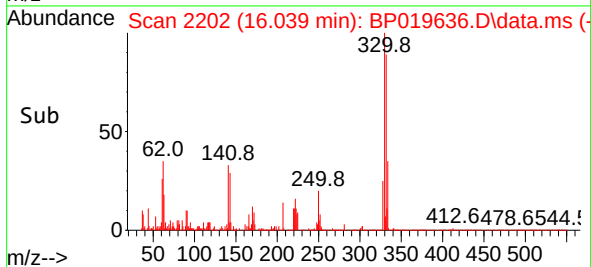
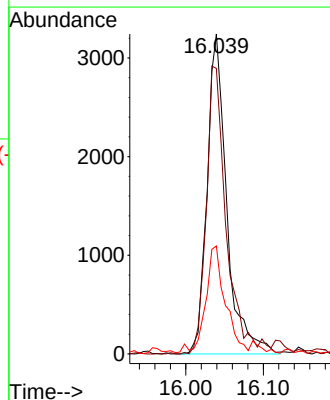
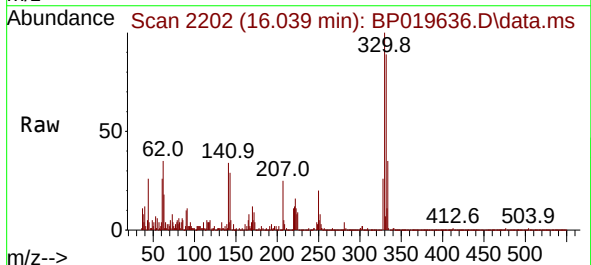
Tgt Ion:330 Resp: 5724

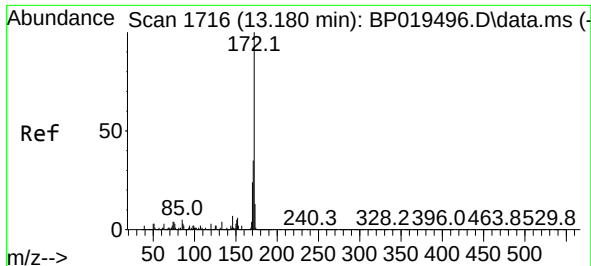
Ion Ratio Lower Upper

330 100

332 89.7 77.2 115.8

141 33.7 27.0 40.4

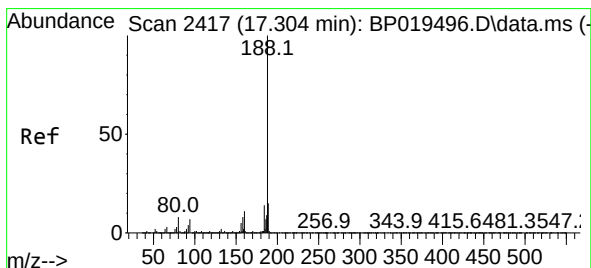
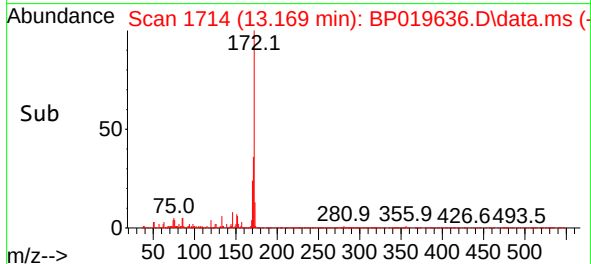
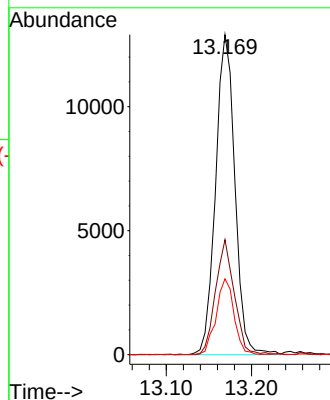
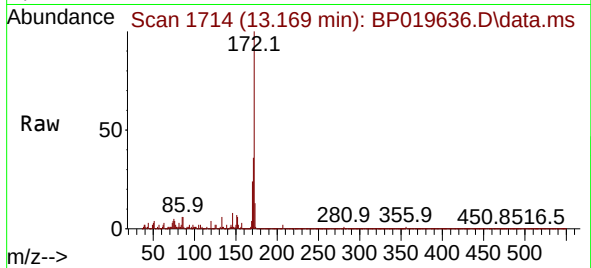




#45
2-Fluorobiphenyl
Concen: 1.223 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

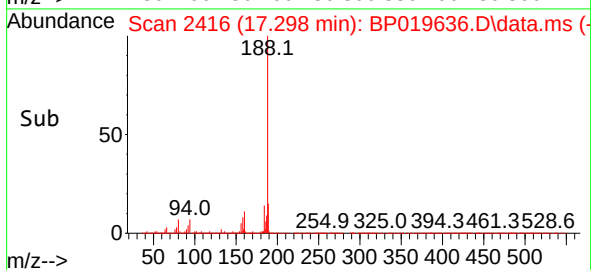
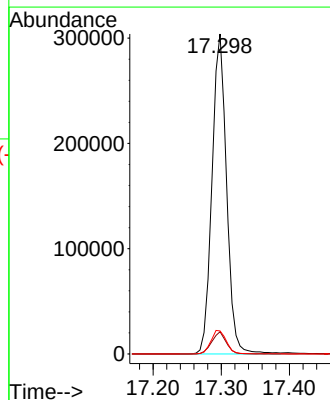
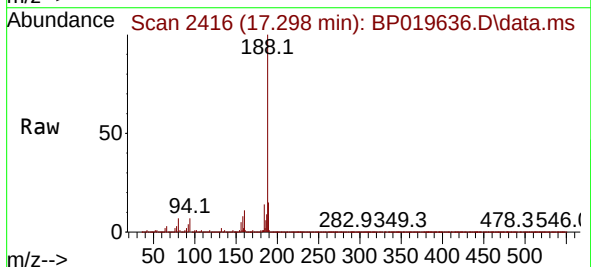
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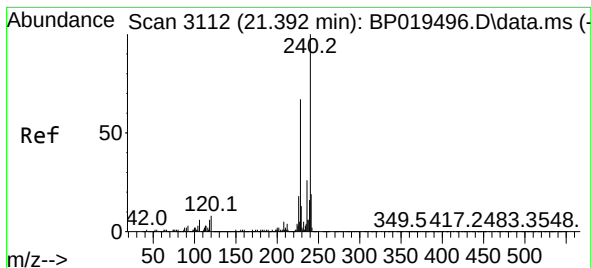
Tgt Ion:	172	Resp:	20236
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.2	42.4
170	23.7	18.9	28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019636.D
Acq: 09 Feb 2024 17:19

Tgt Ion:	188	Resp:	453264
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.4	8.2
80	7.2	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: BP019636.D

Acq: 09 Feb 2024 17:19

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-ch4DL3

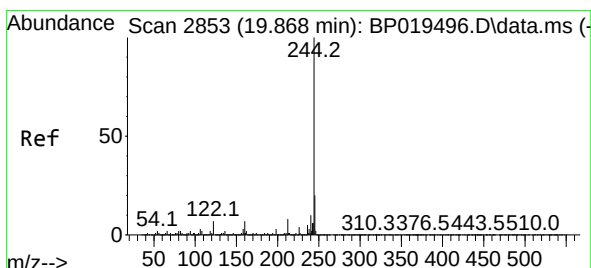
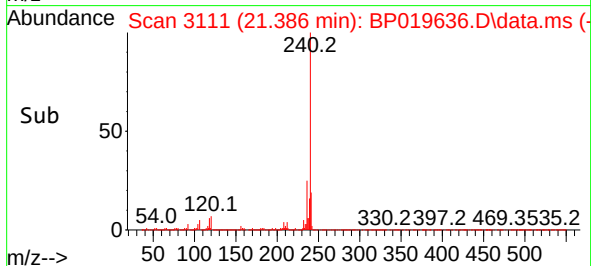
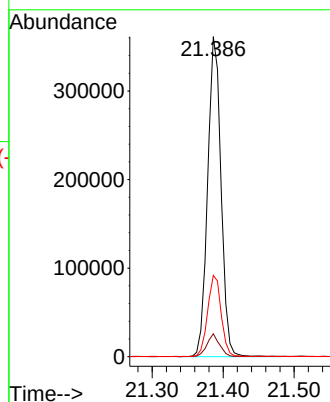
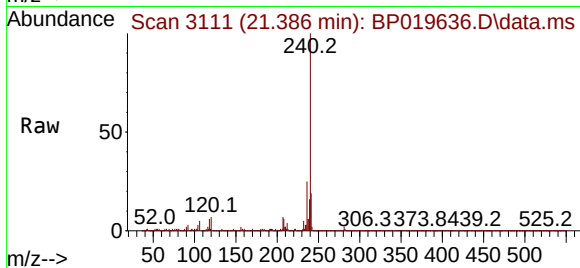
Tgt Ion:240 Resp: 473318

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 1.280 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019636.D

Acq: 09 Feb 2024 17:19

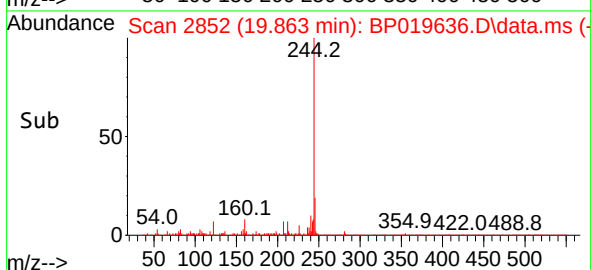
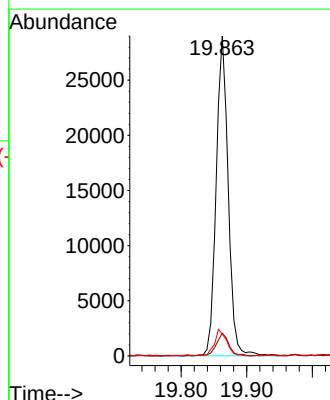
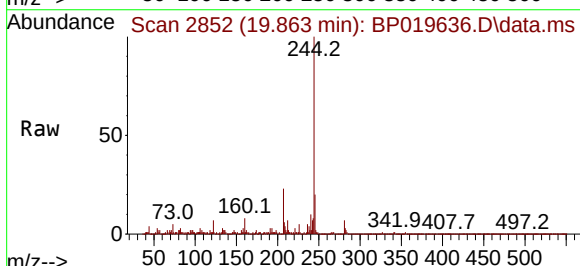
Tgt Ion:244 Resp: 36828

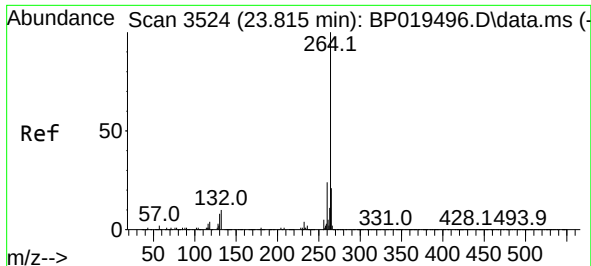
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.9 5.9 8.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP019636.D
 Acq: 09 Feb 2024 17:19

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-17-ch4DL3

Tgt Ion:264 Resp: 525607
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.5 17.0 25.4

