

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019834.D
 Acq On : 22 Feb 2024 20:38
 Operator : MA/JU
 Sample : P1521-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-23-Q

Quant Time: Feb 23 00:59:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

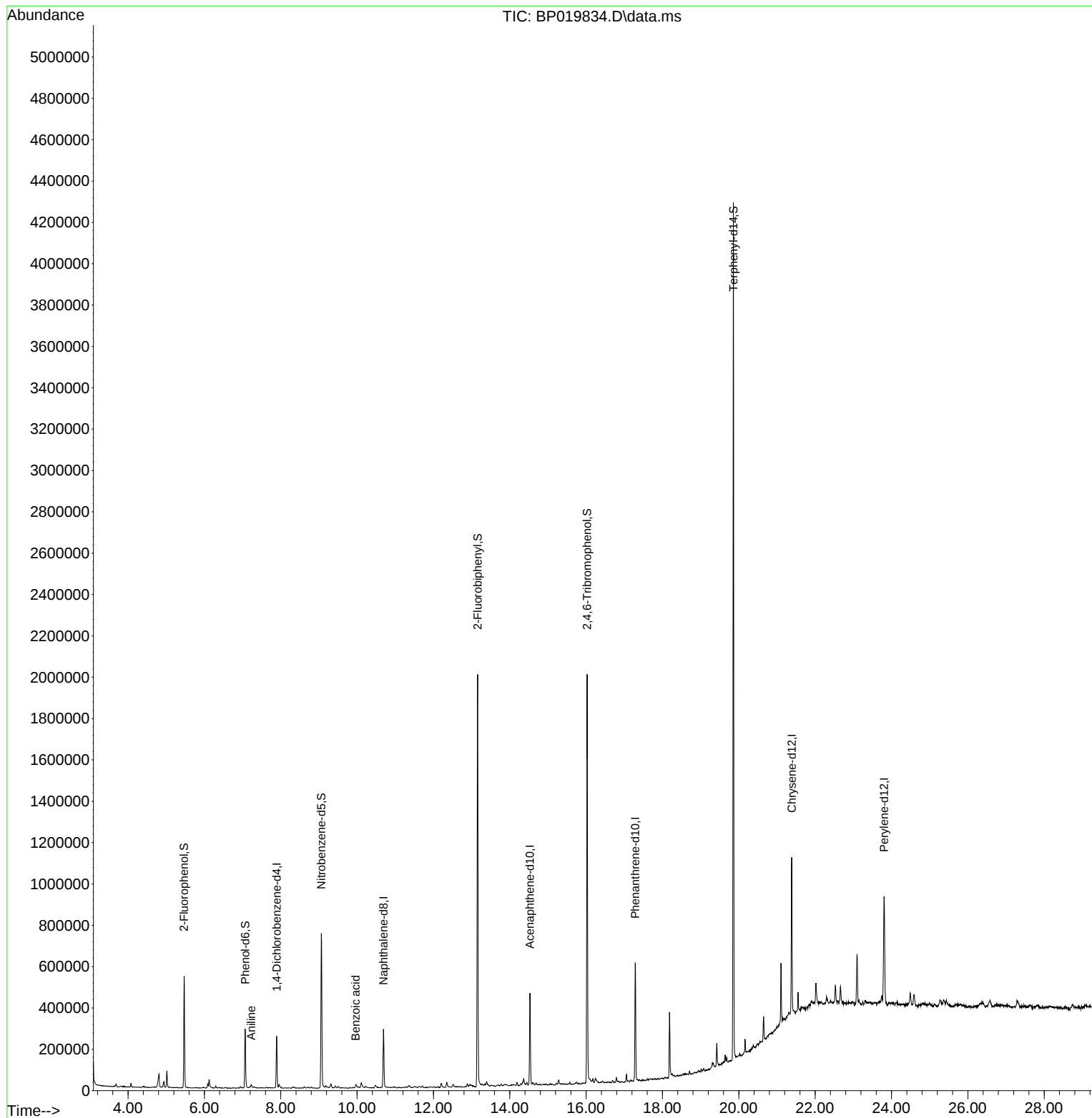
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	65875	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	228888	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	160737	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	377791	20.000	ng	0.00
76) Chrysene-d12	21.386	240	402338	20.000	ng	0.00
86) Perylene-d12	23.804	264	468807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	225136	55.089	ng	0.00
7) Phenol-d6	7.069	99	167244	30.351	ng	0.00
23) Nitrobenzene-d5	9.063	82	460340	87.148	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	418670	178.395	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1088298	83.701	ng	0.00
79) Terphenyl-d14	19.857	244	2025142	82.777	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.228	93	12642	2.361	ng	# 93
32) Benzoic acid	9.963	122	6631	2.625	ng	# 90

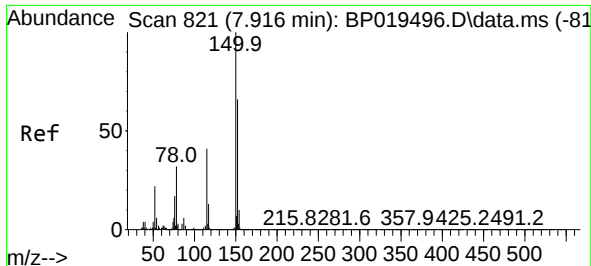
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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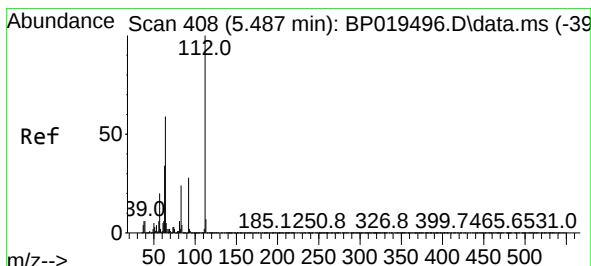
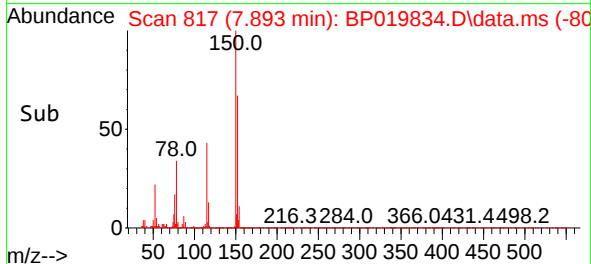
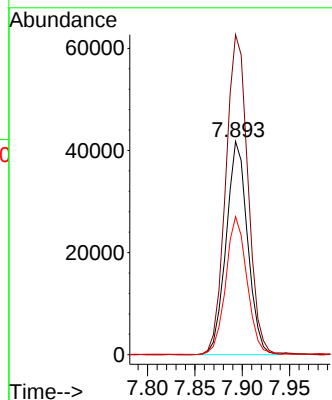
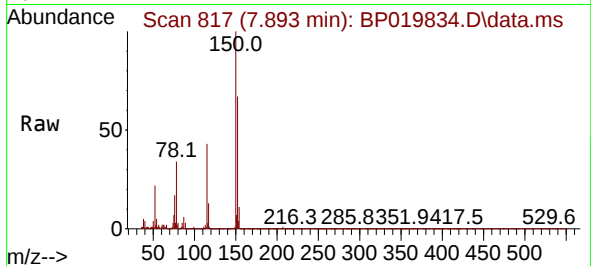




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

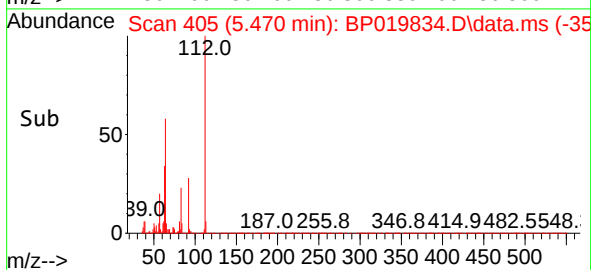
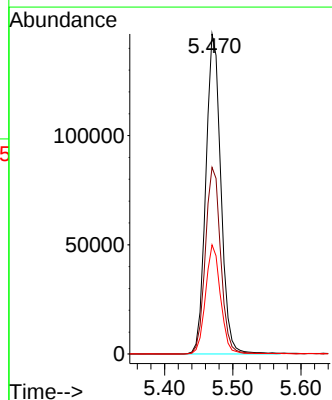
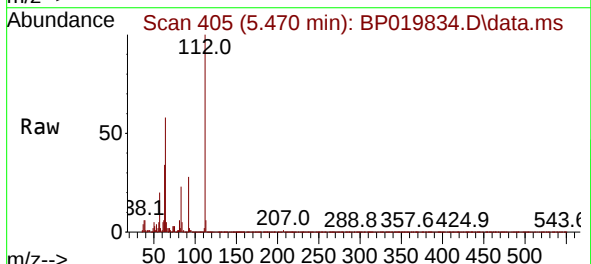
Instrument :
BNA_P
ClientSampleId :
CG-MW-23-Q

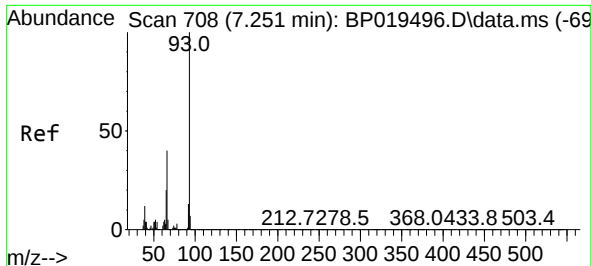
Tgt Ion:152 Resp: 65875
Ion Ratio Lower Upper
152 100
150 150.0 121.8 182.8
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 55.089 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

Tgt Ion:112 Resp: 225136
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 34.1 27.0 40.6

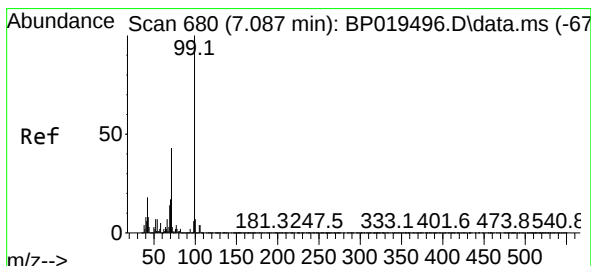
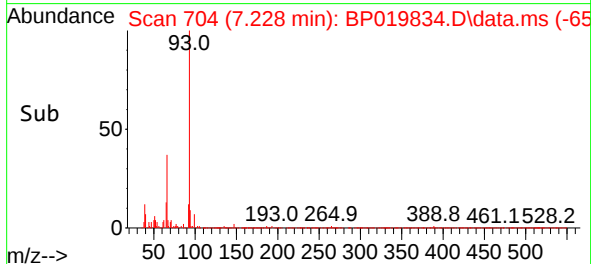
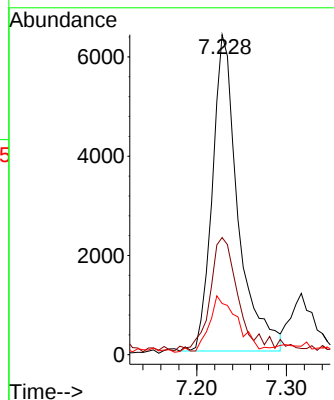
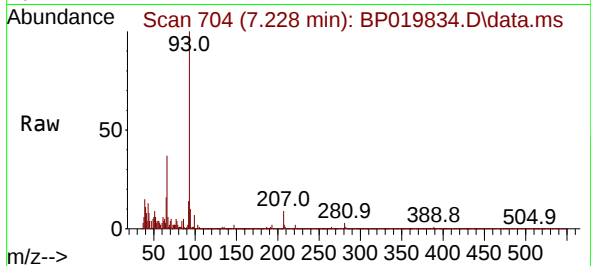




#6
Aniline
Concen: 2.361 ng
RT: 7.228 min Scan# 708
Delta R.T. -0.006 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

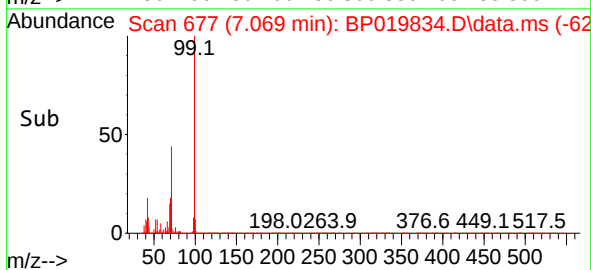
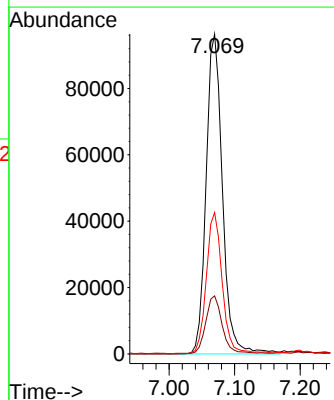
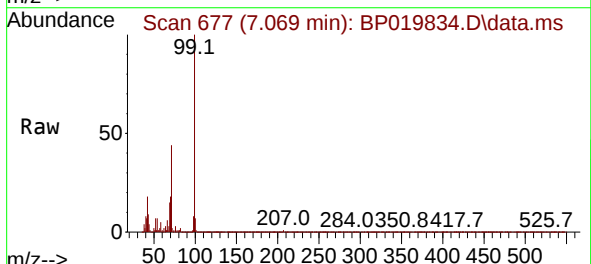
Instrument :
BNA_P
ClientSampleId :
CG-MW-23-Q

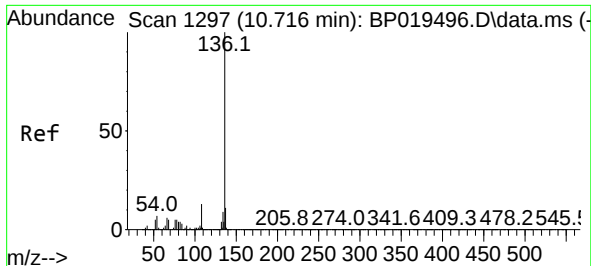
Tgt Ion: 93 Resp: 12642
Ion Ratio Lower Upper
93 100
66 36.6 32.3 48.5
65 16.0 16.4 24.6#



#7
Phenol-d6
Concen: 30.351 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

Tgt Ion: 99 Resp: 167244
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 44.2 34.8 52.2

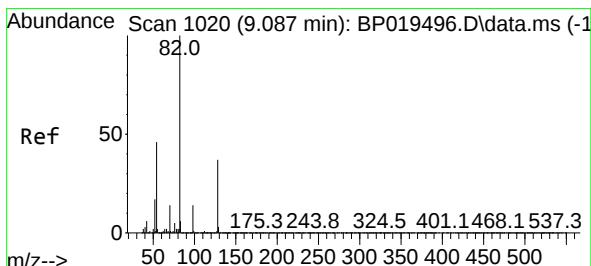
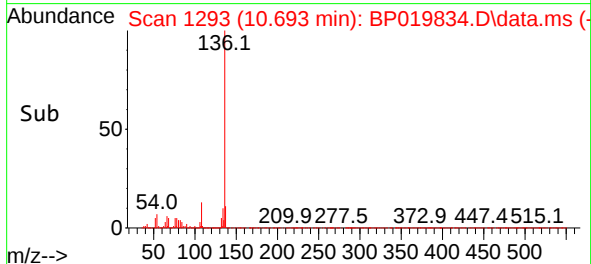
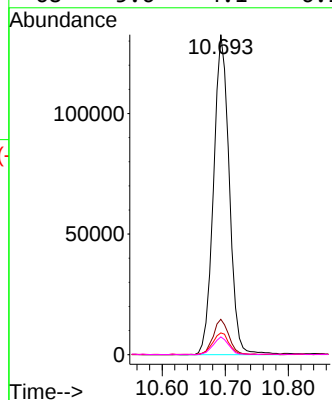
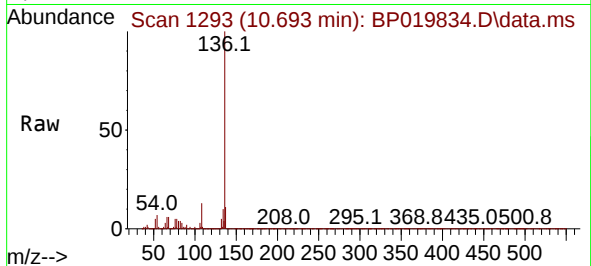




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

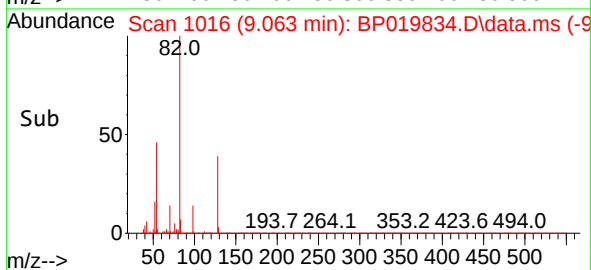
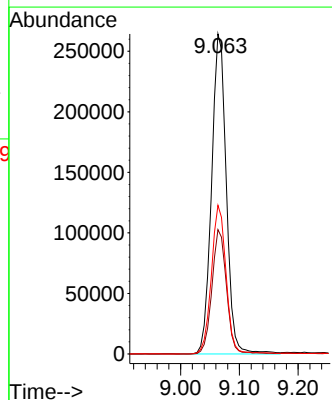
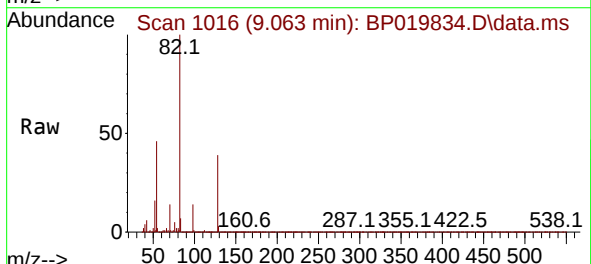
Instrument :
BNA_P
ClientSampleId :
CG-MW-23-Q

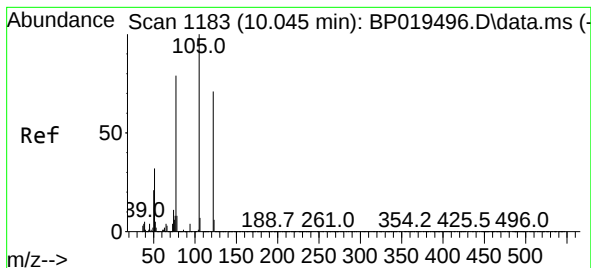
Tgt Ion:	136	Resp:	228888
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.3	7.9
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 87.148 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019834.D
Acq: 22 Feb 2024 20:38

Tgt Ion:	82	Resp:	460340
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.7	44.5
54	46.5	36.8	55.2





#32

Benzoic acid

Concen: 2.625 ng

RT: 9.963 min Scan# 1183

Delta R.T. -0.065 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

Instrument :

BNA_P

ClientSampleId :

CG-MW-23-Q

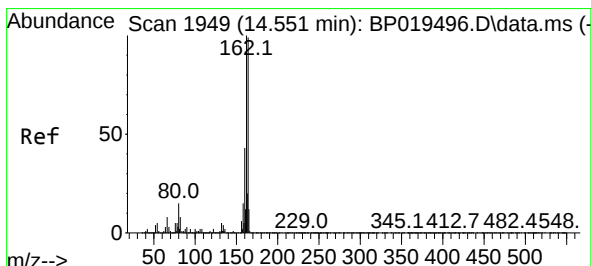
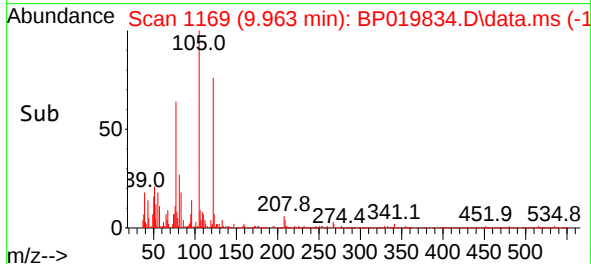
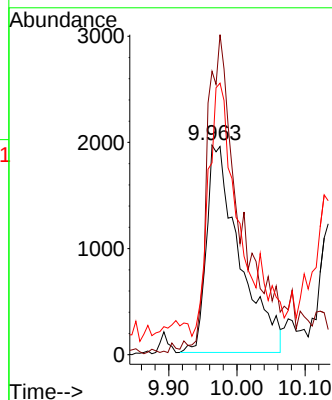
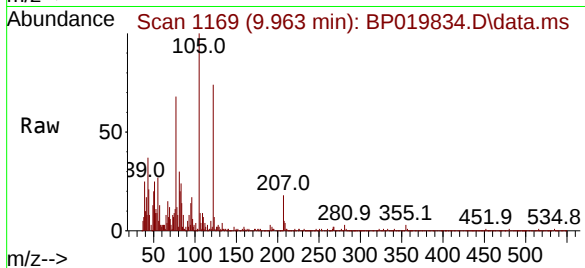
Tgt Ion:122 Resp: 6631

Ion Ratio Lower Upper

122 100

105 135.3 118.8 158.8

77 91.6 91.7 131.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

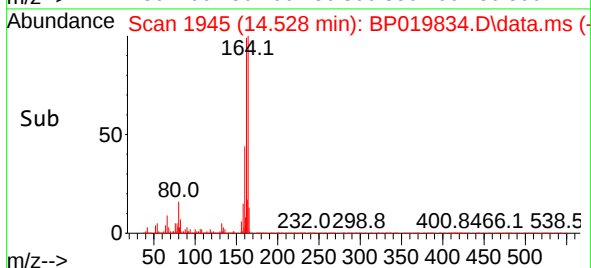
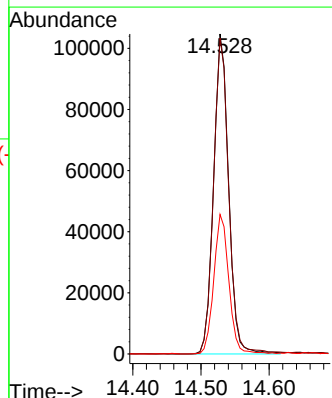
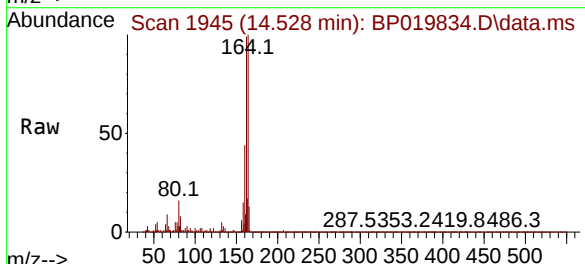
Tgt Ion:164 Resp: 160737

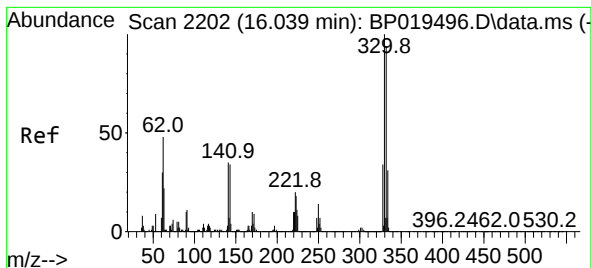
Ion Ratio Lower Upper

164 100

162 98.7 81.2 121.8

160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 178.395 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

Instrument :

BNA_P

ClientSampleId :

CG-MW-23-Q

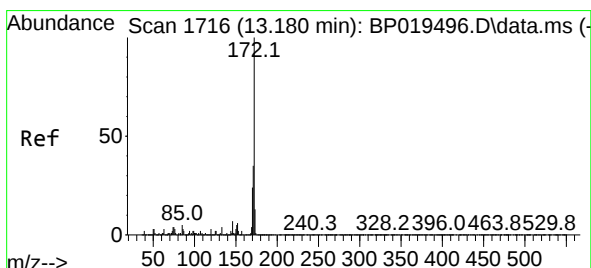
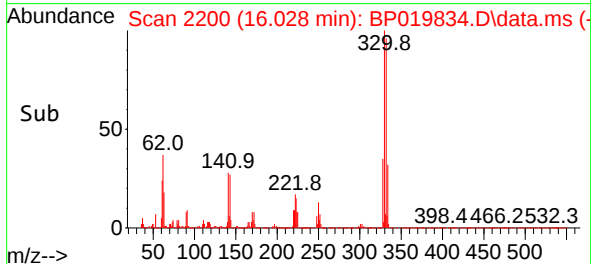
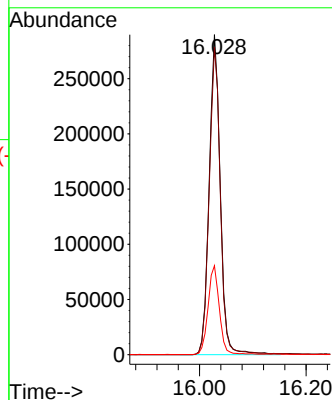
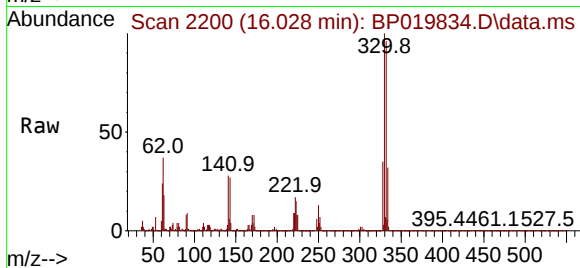
Tgt Ion:330 Resp: 418670

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.701 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

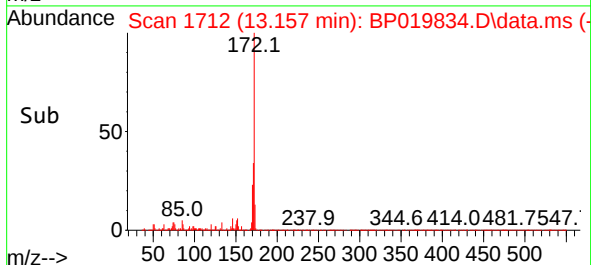
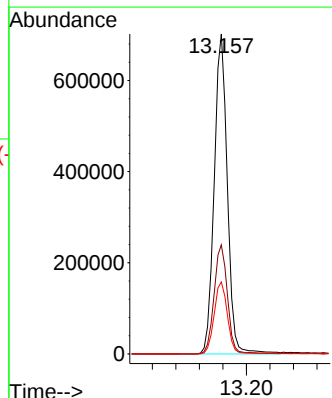
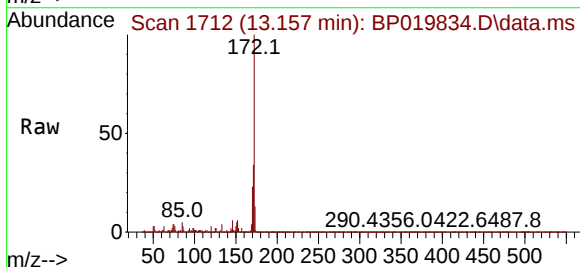
Tgt Ion:172 Resp: 1088298

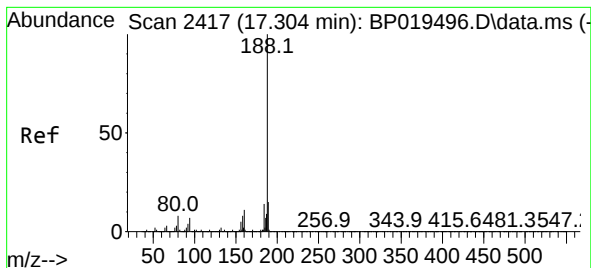
Ion Ratio Lower Upper

172 100

171 34.1 28.2 42.4

170 22.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

Instrument :

BNA_P

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CG-MW-23-Q

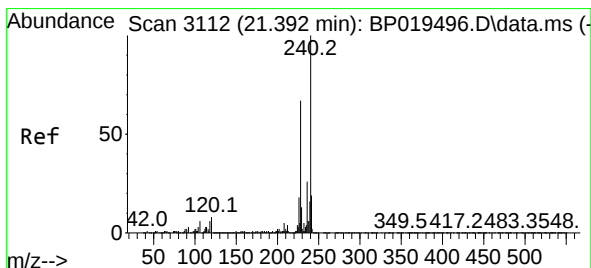
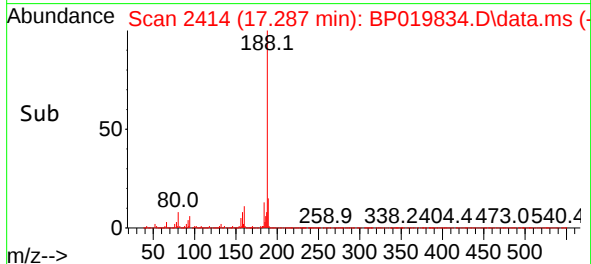
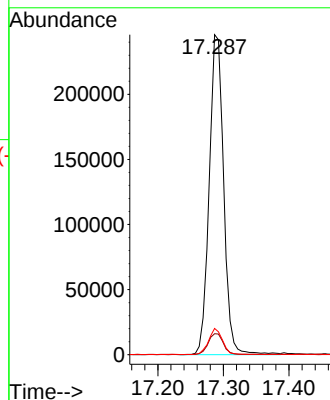
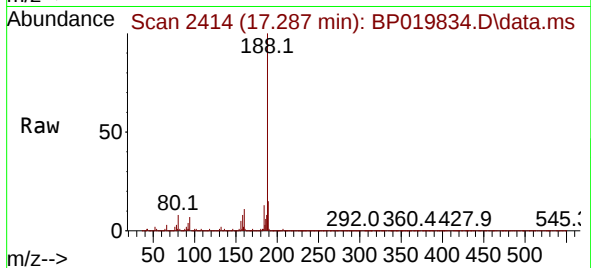
Tgt Ion:188 Resp: 377791

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.2 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: BP019834.D

Acq: 22 Feb 2024 20:38

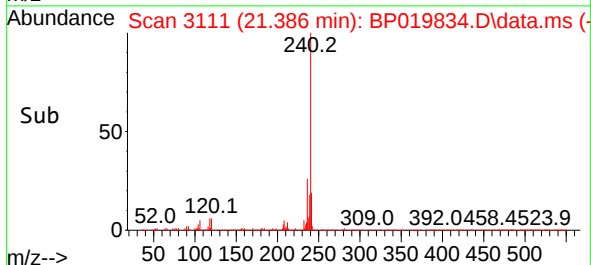
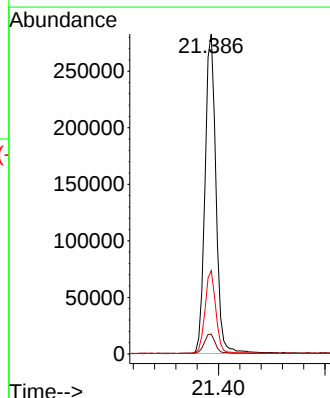
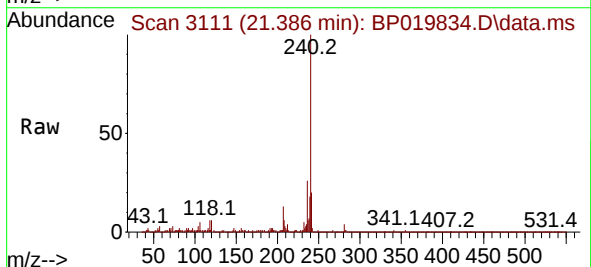
Tgt Ion:240 Resp: 402338

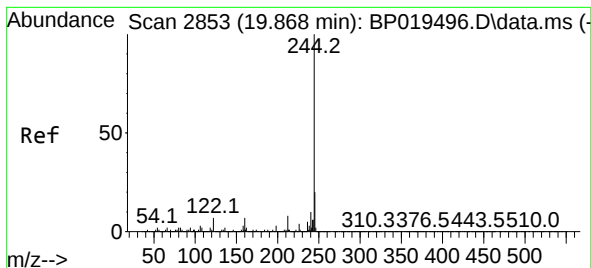
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 82.777 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

Instrument :

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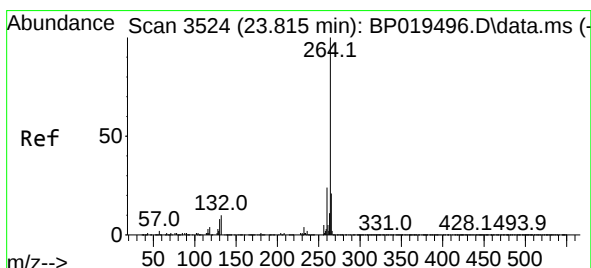
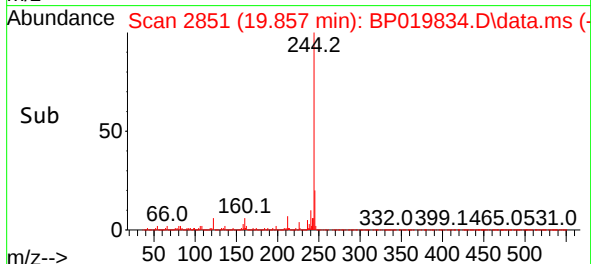
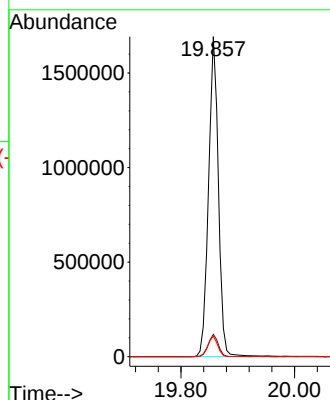
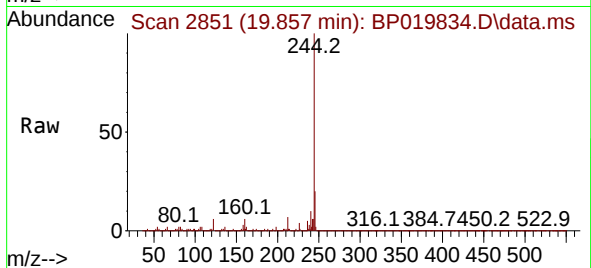
Tgt Ion:244 Resp: 2025142

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019834.D

Acq: 22 Feb 2024 20:38

Tgt Ion:264 Resp: 468807

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.1 17.0 25.4

