

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
Data File : BP019892.D
Acq On : 27 Feb 2024 12:37
Operator : MA/JU
Sample : P1586-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
337

Quant Time: Feb 27 13:11:31 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	7.899	152	73649	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	263294	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	170639	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	332845	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	324183	20.000	ng	-0.01
86) Perylene-d12	23.821	264	401430	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	367553	81.914	ng	0.00
7) Phenol-d6	7.069	99	546021	81.733	ng	0.00
23) Nitrobenzene-d5	9.069	82	393993	60.412	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	197114	67.369	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	888132	70.322	ng	0.00
79) Terphenyl-d14	19.875	244	1310518	63.716	ng	0.00

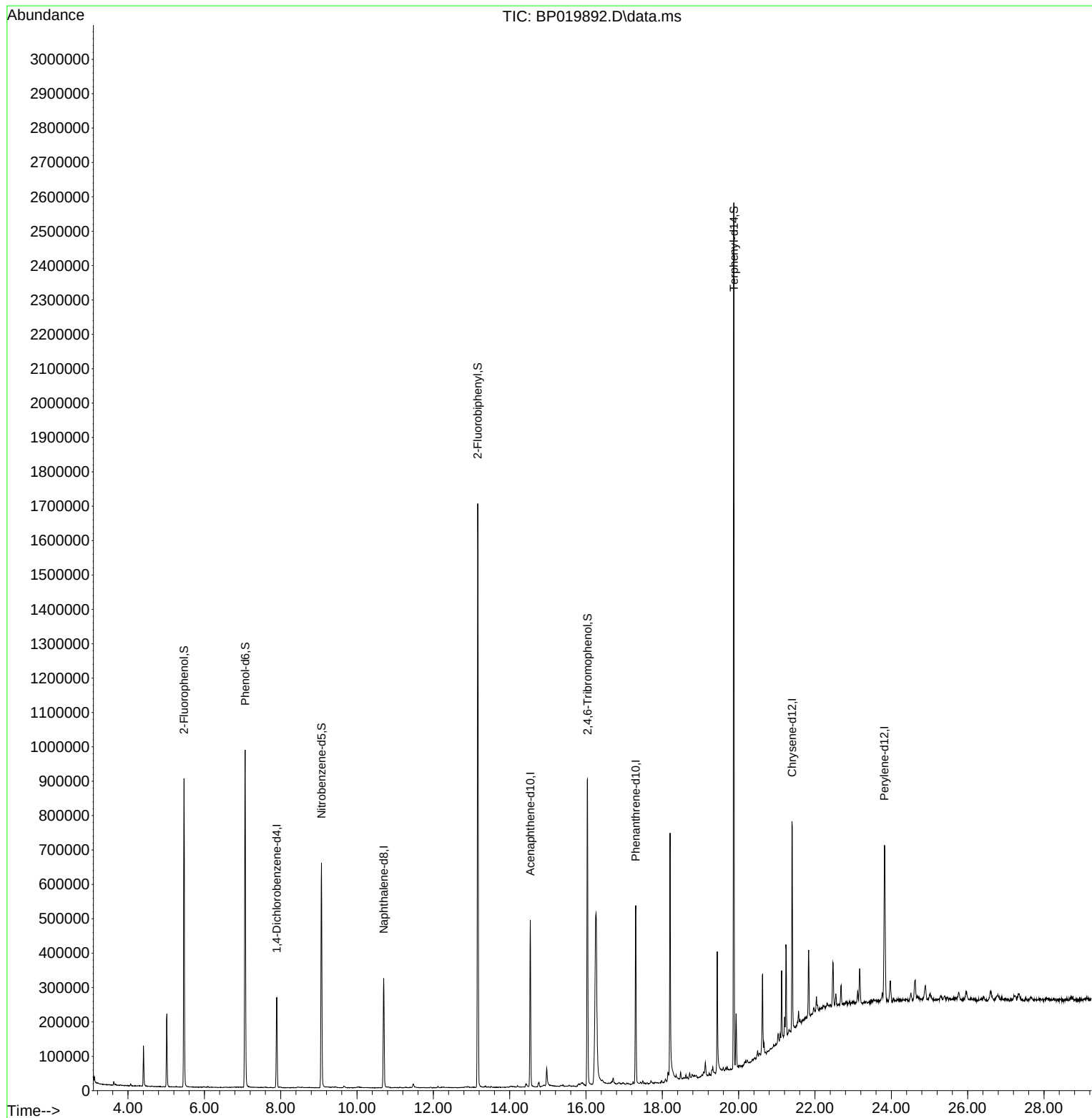
Target Compounds	Qvalue

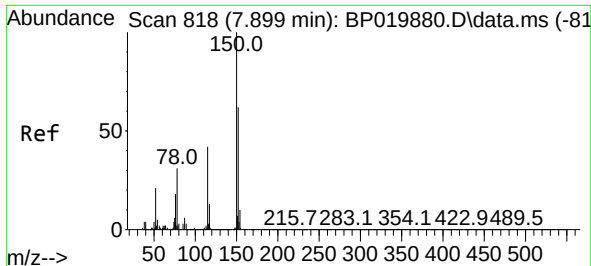
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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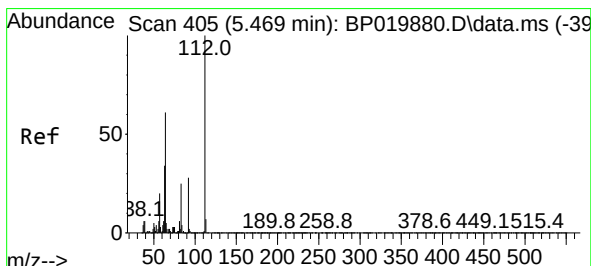
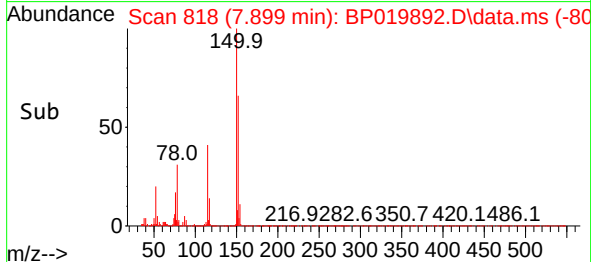
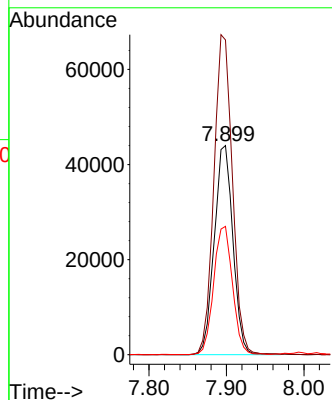
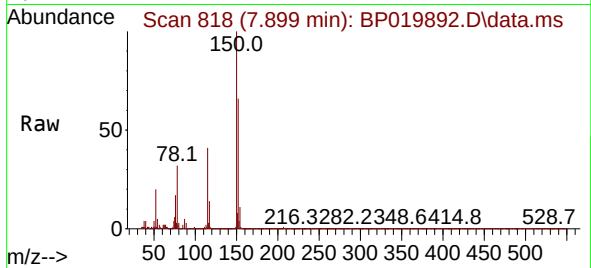




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

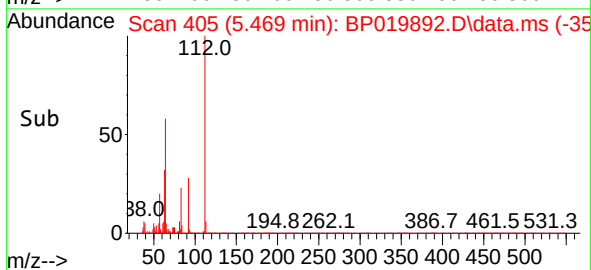
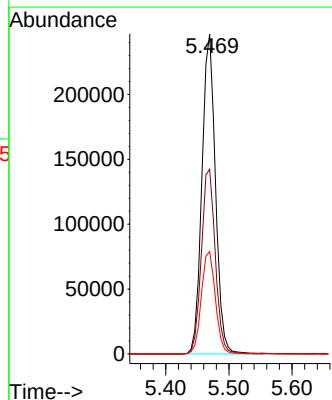
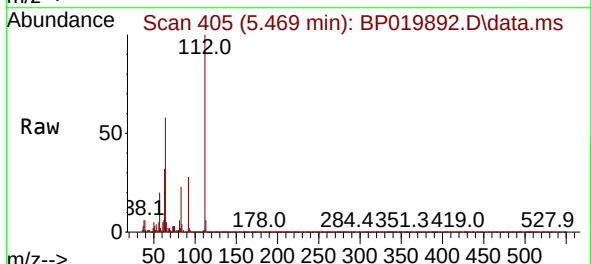
Instrument :
BNA_P
ClientSampleId :
337

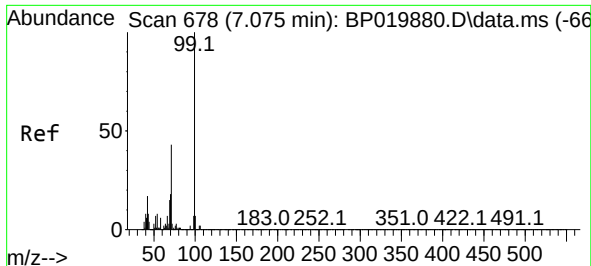
Tgt Ion:152 Resp: 73649
Ion Ratio Lower Upper
152 100
150 150.5 128.6 192.8
115 61.4 53.4 80.2



#5
2-Fluorophenol
Concen: 81.914 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

Tgt Ion:112 Resp: 367553
Ion Ratio Lower Upper
112 100
64 57.7 49.0 73.6
63 32.0 27.6 41.4

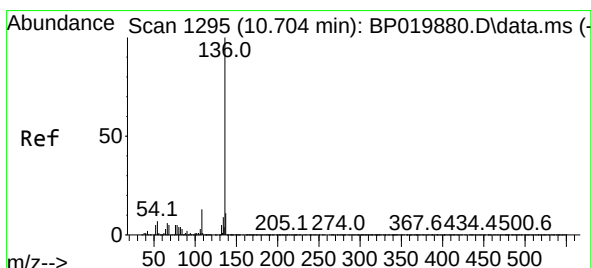
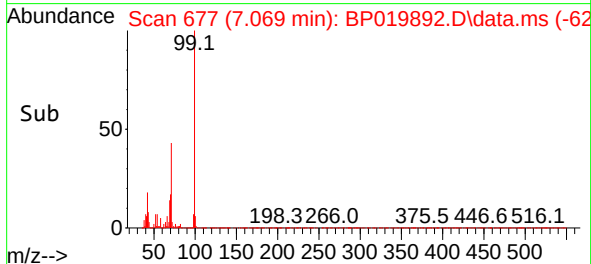
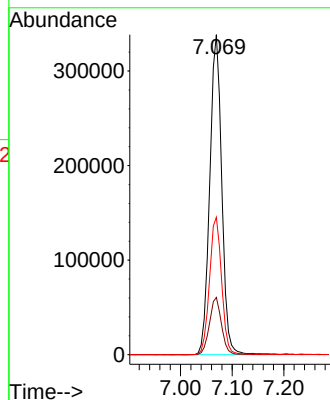
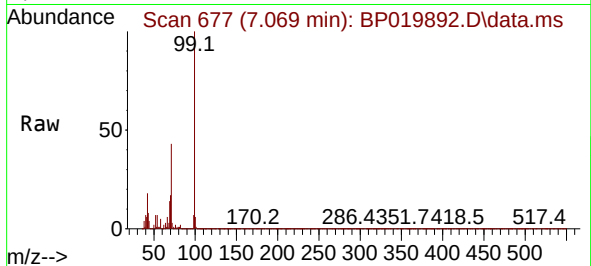




#7
Phenol-d6
Concen: 81.733 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

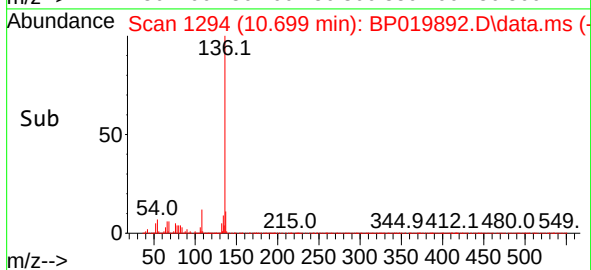
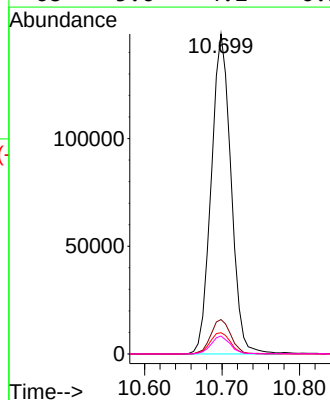
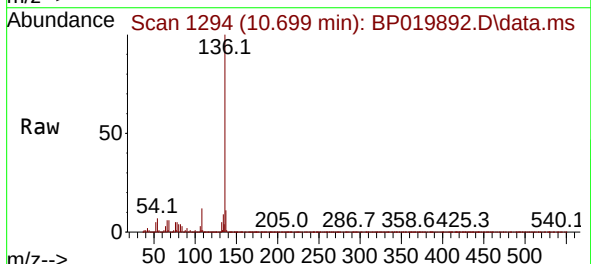
Instrument :
BNA_P
ClientSampleId :
337

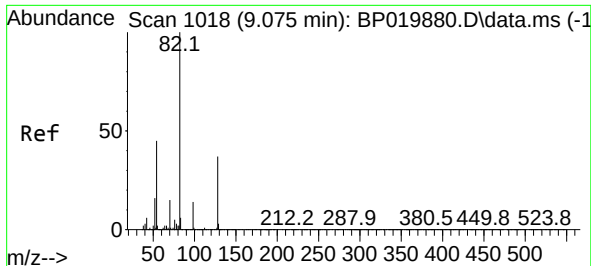
Tgt Ion:	99	Resp:	546021
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.8
71	42.9	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

Tgt Ion:	136	Resp:	263294
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	6.0	9.0
68	5.6	4.2	6.2

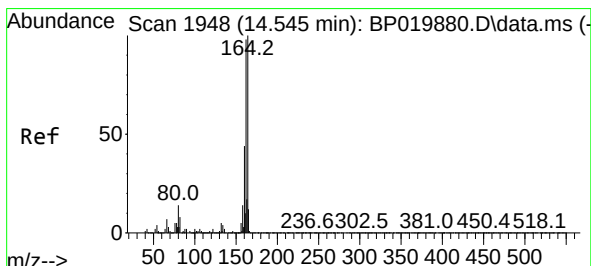
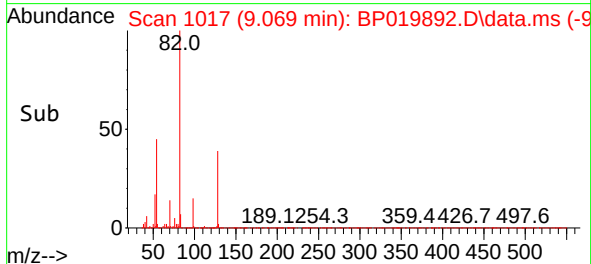
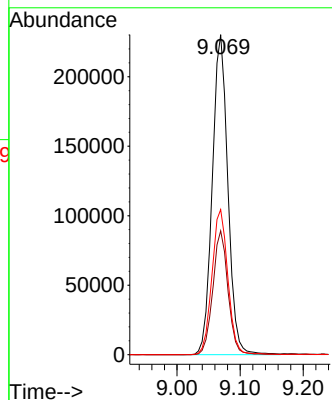
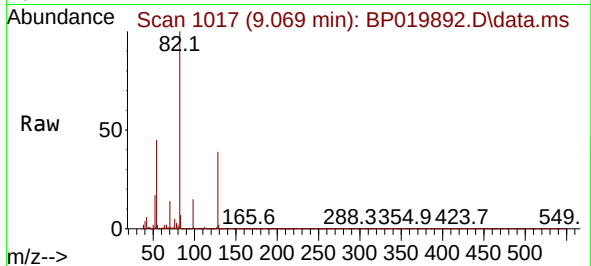




#23
Nitrobenzene-d5
Concen: 60.412 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

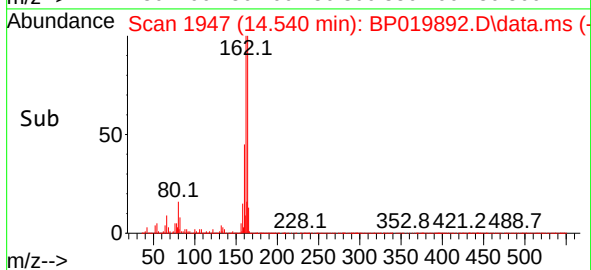
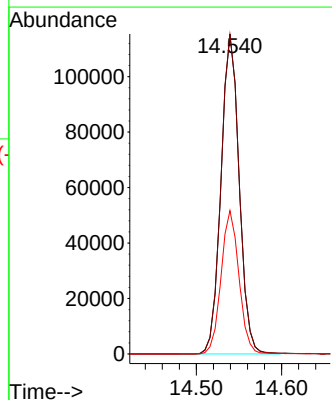
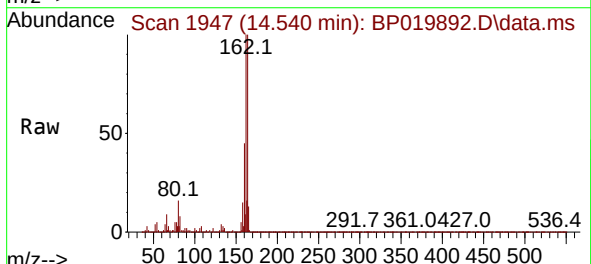
Instrument :
BNA_P
ClientSampleId :
337

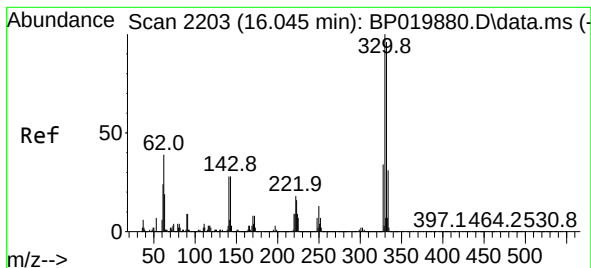
Tgt Ion: 82 Resp: 393993
Ion Ratio Lower Upper
82 100
128 38.7 29.6 44.4
54 45.4 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019892.D
Acq: 27 Feb 2024 12:37

Tgt Ion: 164 Resp: 170639
Ion Ratio Lower Upper
164 100
162 100.4 78.1 117.1
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 67.369 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019892.D

Acq: 27 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

337

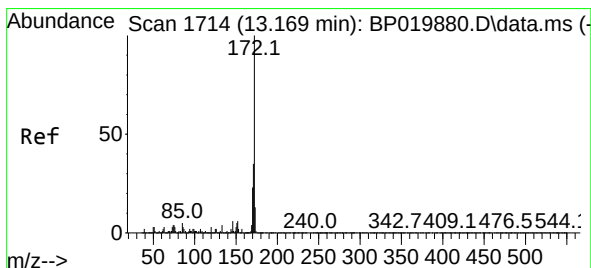
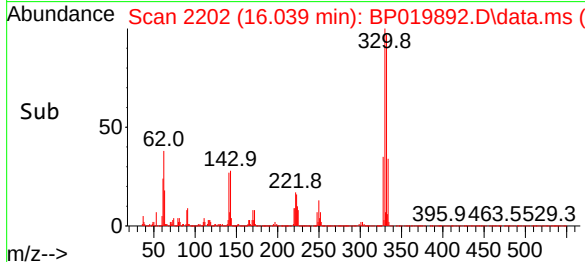
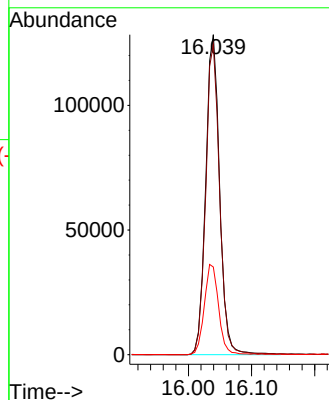
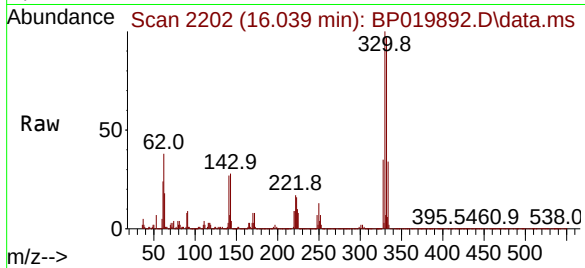
Tgt Ion:330 Resp: 197114

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 29.1 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 70.322 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019892.D

Acq: 27 Feb 2024 12:37

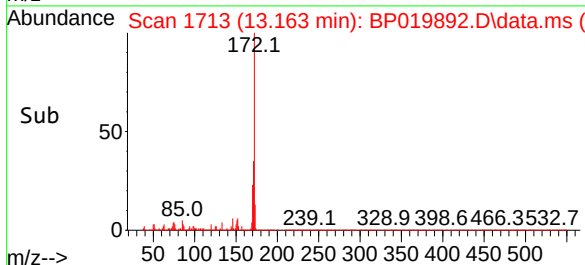
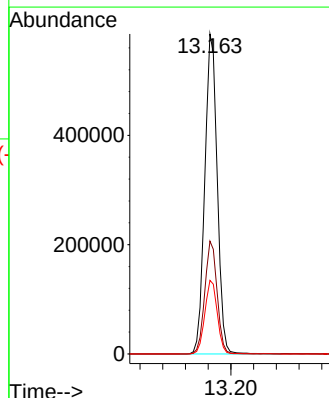
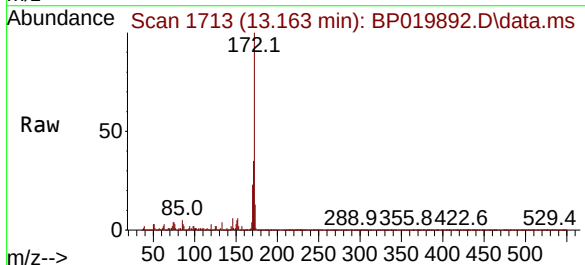
Tgt Ion:172 Resp: 888132

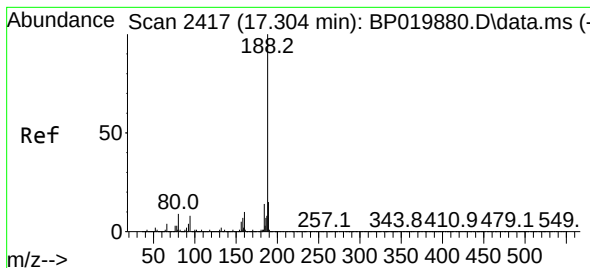
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019892.D

Acq: 27 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

337

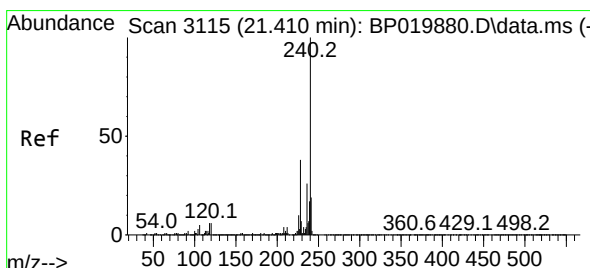
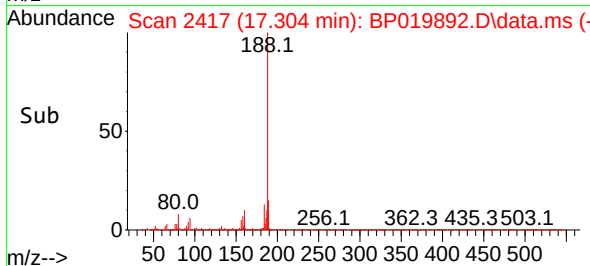
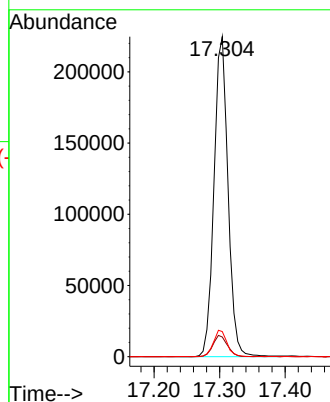
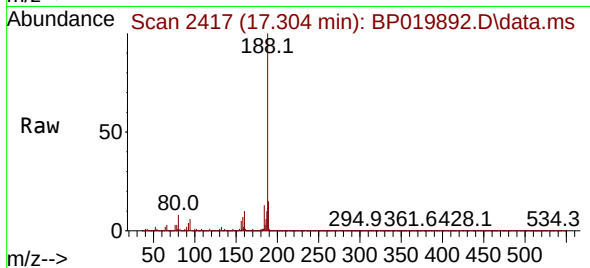
Tgt Ion:188 Resp: 332845

Ion Ratio Lower Upper

188 100

94 6.2 6.2 9.4#

80 7.9 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: BP019892.D

Acq: 27 Feb 2024 12:37

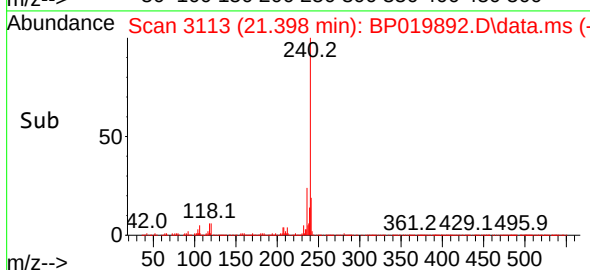
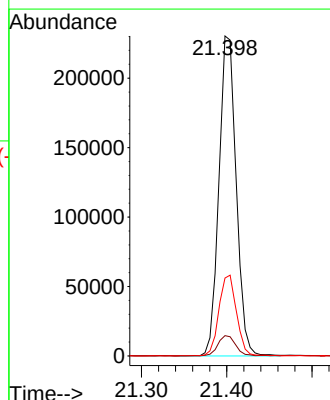
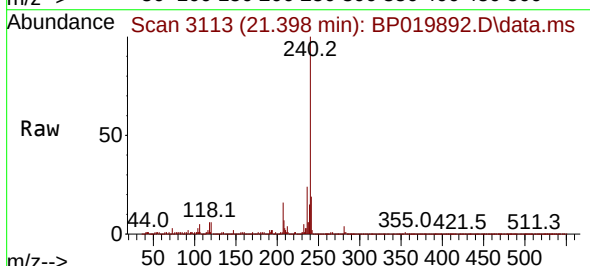
Tgt Ion:240 Resp: 324183

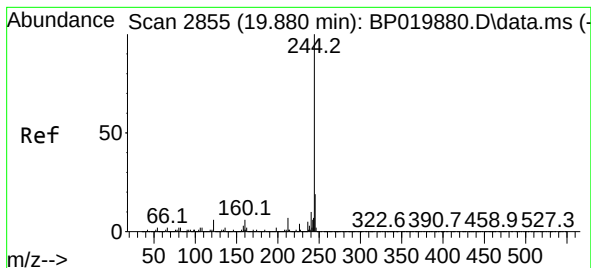
Ion Ratio Lower Upper

240 100

120 6.4 5.1 7.7

236 24.4 20.5 30.7





#79

Terphenyl-d14

Concen: 63.716 ng

RT: 19.875 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019892.D

Acq: 27 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

337

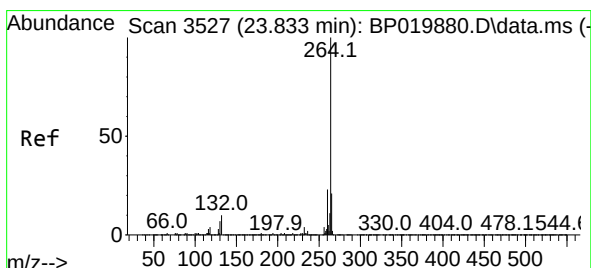
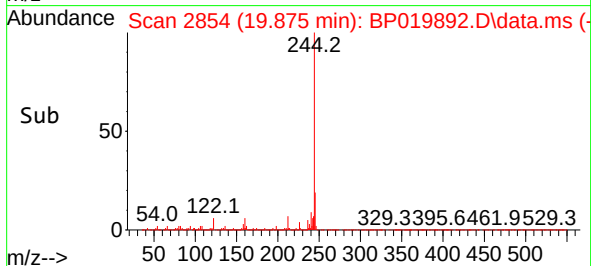
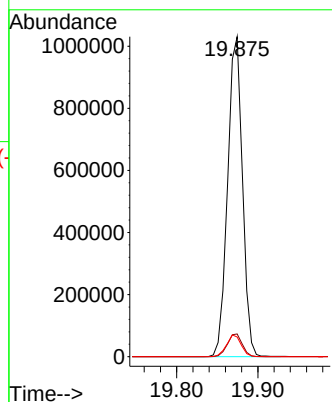
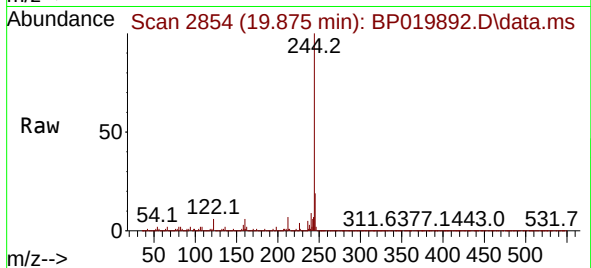
Tgt Ion:244 Resp: 1310518

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 6.2 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BP019892.D

Acq: 27 Feb 2024 12:37

Tgt Ion:264 Resp: 401430

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.3 17.4 26.2

