

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019829.D
Acq On : 22 Feb 2024 17:48
Operator : MA/JU
Sample : P1549-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
336

Quant Time: Feb 23 01:11:26 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	72988	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	274317	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	193015	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	452308	20.000	ng	0.00
76) Chrysene-d12	21.386	240	431576	20.000	ng	0.00
86) Perylene-d12	23.810	264	486224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	480606	106.141	ng	0.00
7) Phenol-d6	7.069	99	576544	94.432	ng	0.00
23) Nitrobenzene-d5	9.063	82	491300	77.606	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	454373	161.231	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1202229	77.001	ng	0.00
79) Terphenyl-d14	19.857	244	2381819	90.760	ng	0.00

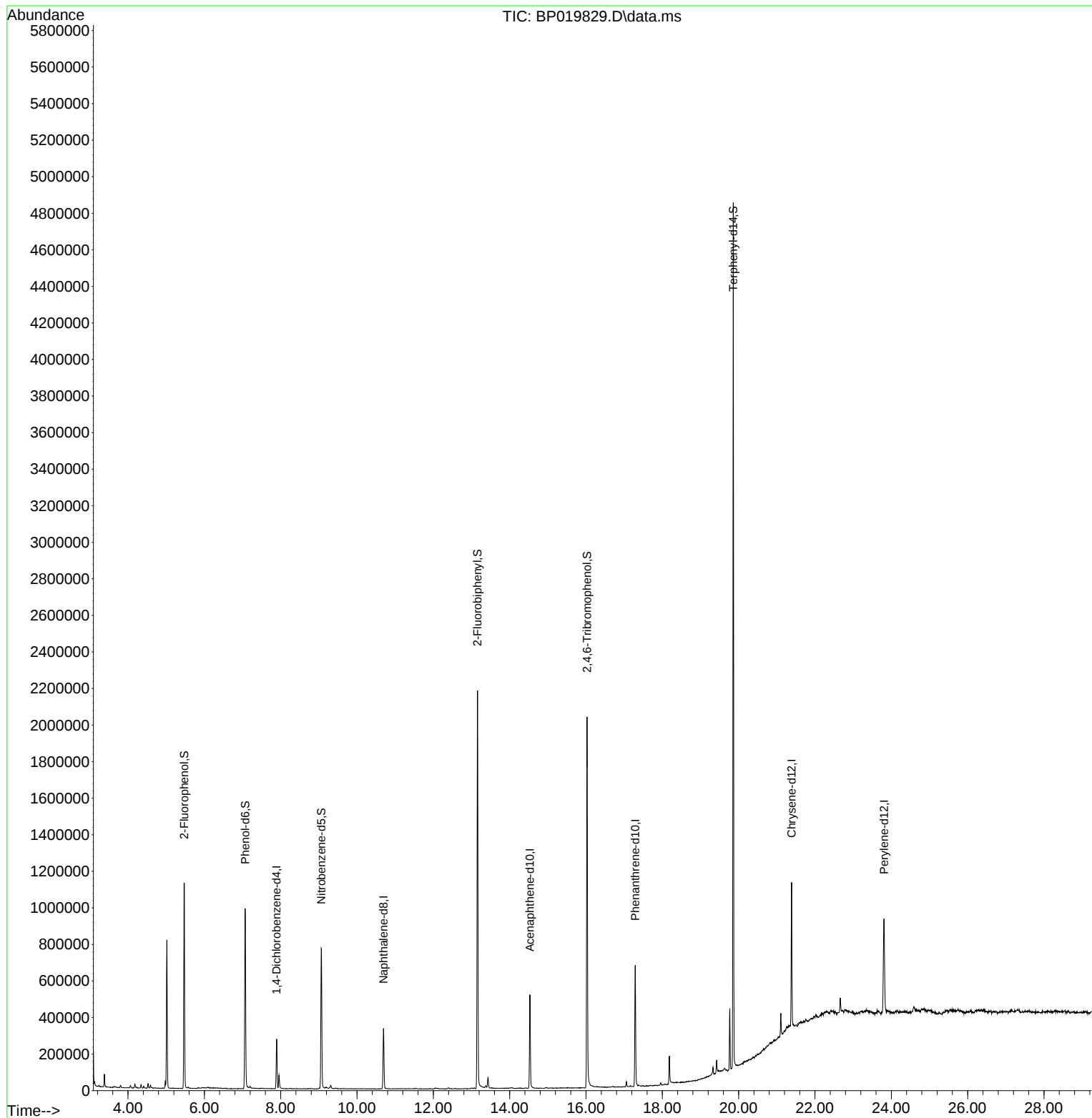
Target Compounds	Qvalue

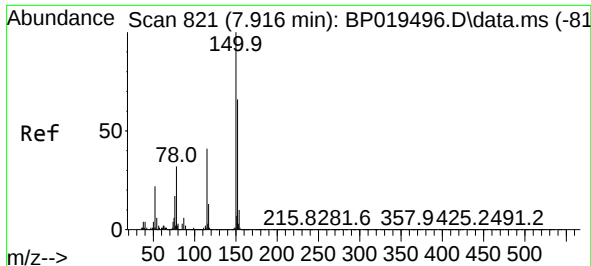
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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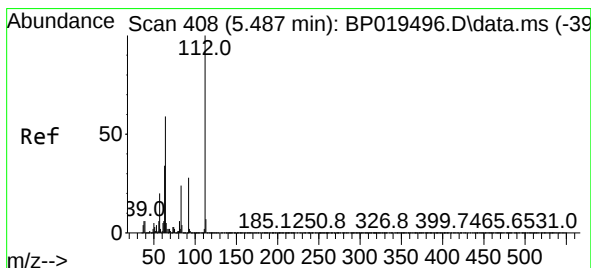
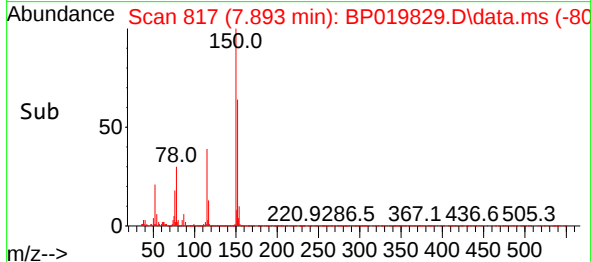
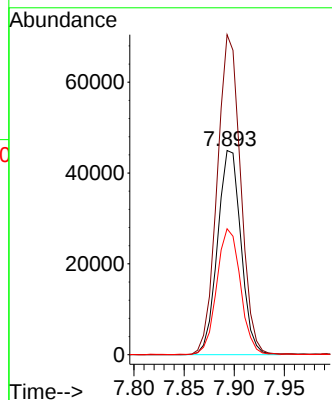
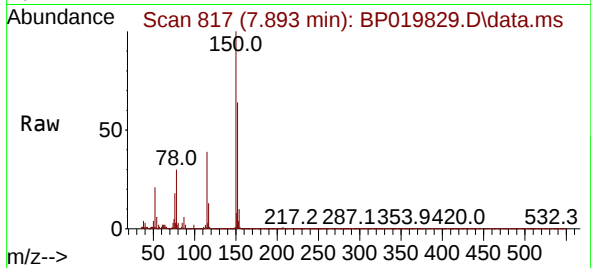




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

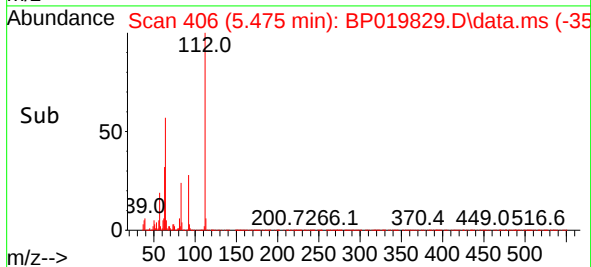
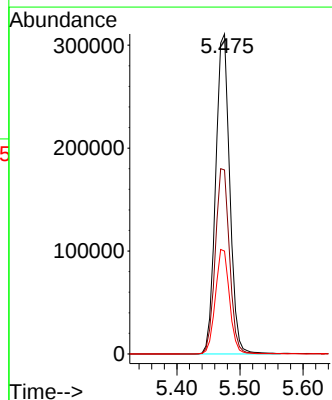
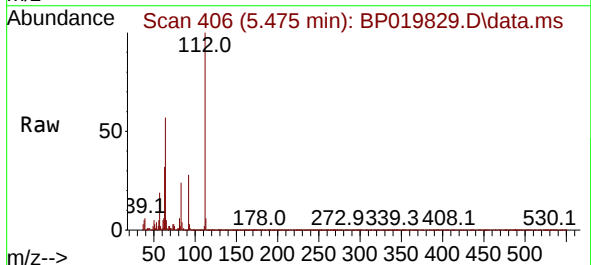
Instrument :
BNA_P
ClientSampleId :
336

Tgt Ion:152 Resp: 72988
Ion Ratio Lower Upper
152 100
150 156.7 121.8 182.8
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 106.141 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

Tgt Ion:112 Resp: 480606
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.0
63 32.2 27.0 40.6

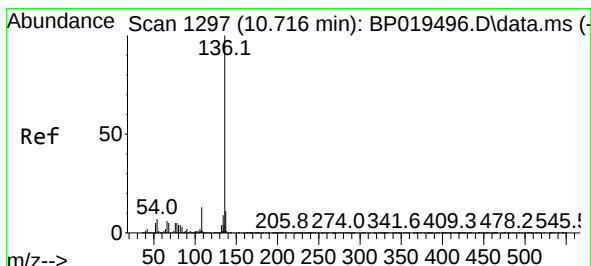
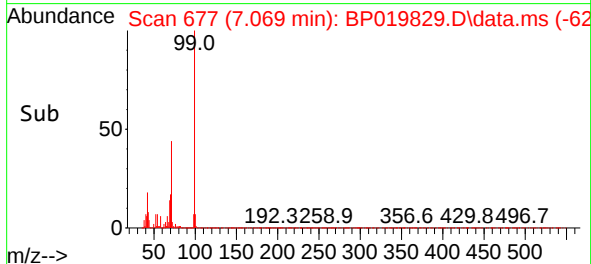
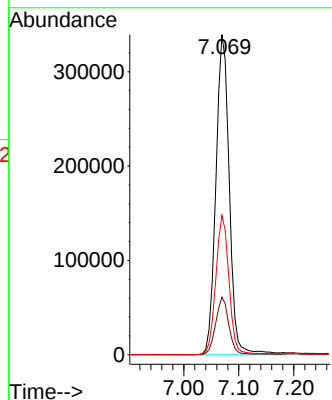
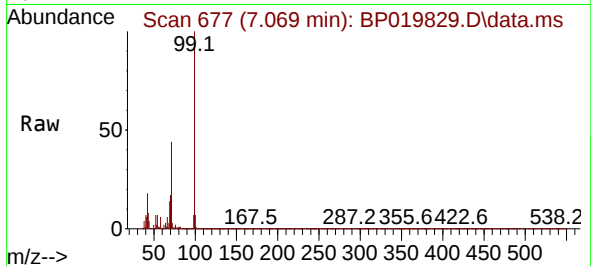




#7
Phenol-d6
Concen: 94.432 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

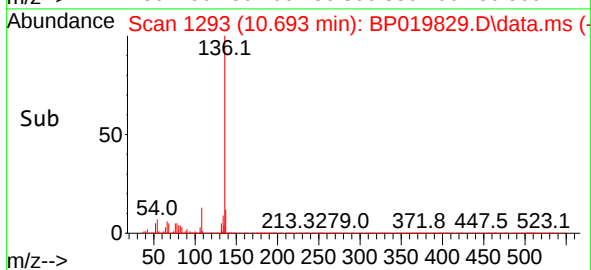
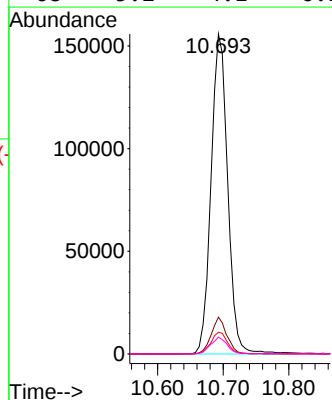
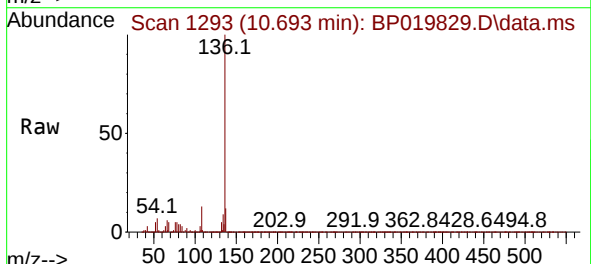
Instrument :
BNA_P
ClientSampleId :
336

Tgt Ion: 99 Resp: 576544
Ion Ratio Lower Upper
99 100
42 18.0 14.7 22.1
71 43.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

Tgt Ion: 136 Resp: 274317
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.8 5.3 7.9
68 5.2 4.1 6.1

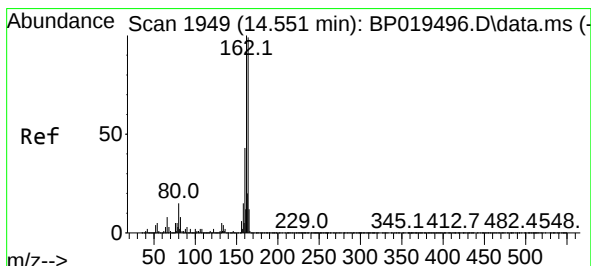
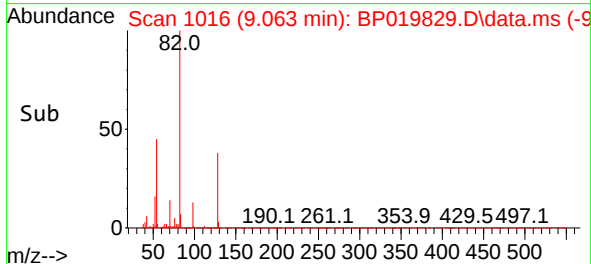
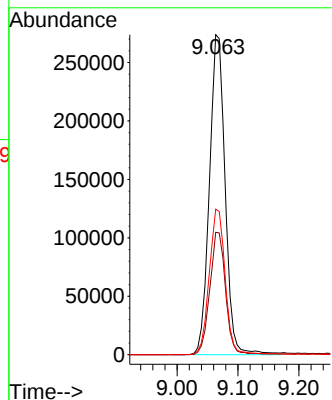
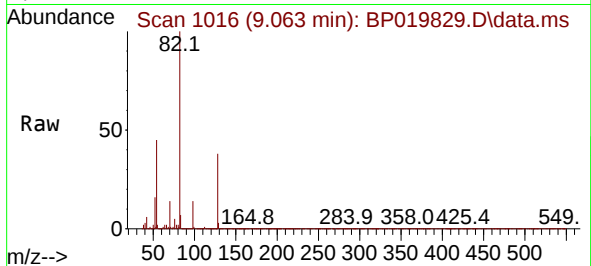




#23
Nitrobenzene-d5
Concen: 77.606 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

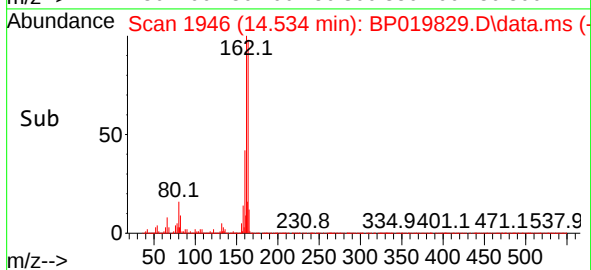
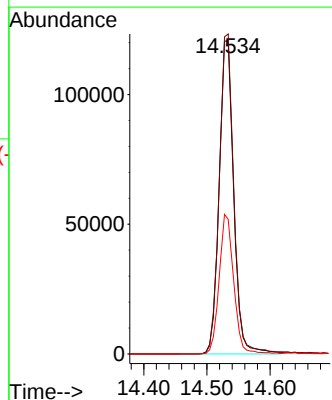
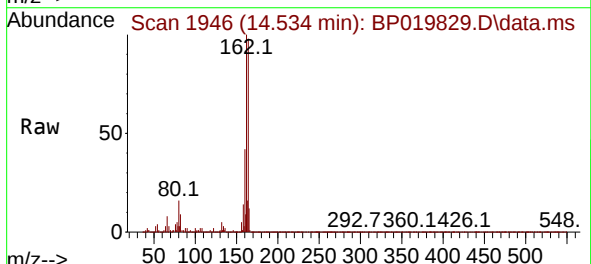
Instrument :
BNA_P
ClientSampleId :
336

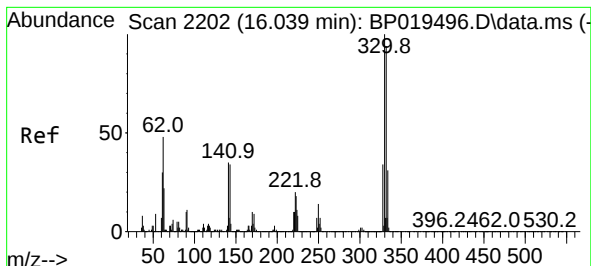
Tgt Ion: 82 Resp: 491300
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 45.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019829.D
Acq: 22 Feb 2024 17:48

Tgt Ion: 164 Resp: 193015
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 161.231 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019829.D

Acq: 22 Feb 2024 17:48

Instrument :

BNA_P

ClientSampleId :

336

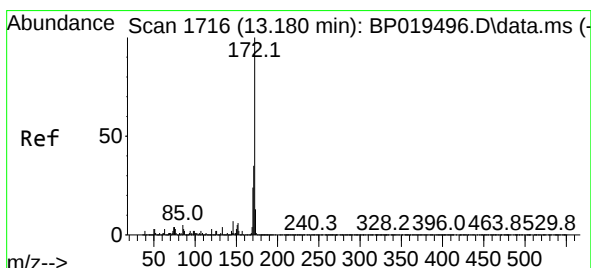
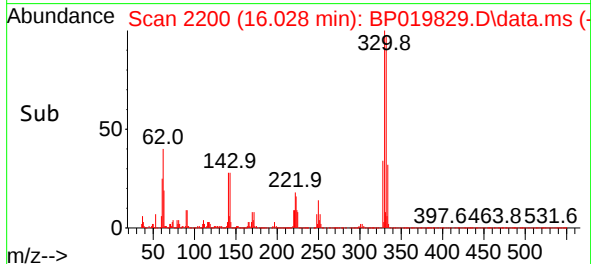
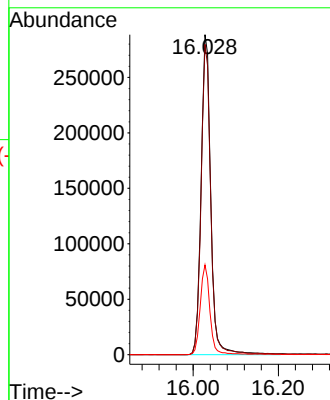
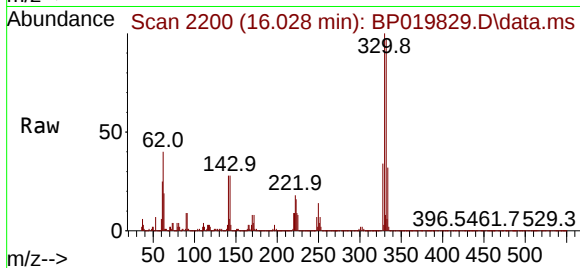
Tgt Ion:330 Resp: 454373

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 28.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 77.001 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019829.D

Acq: 22 Feb 2024 17:48

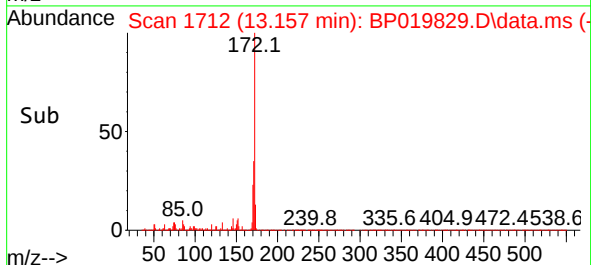
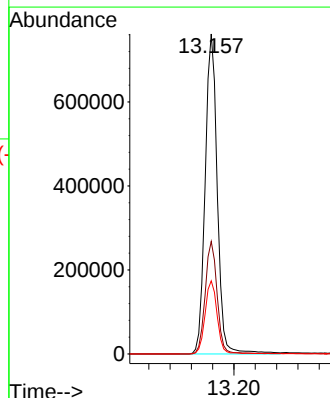
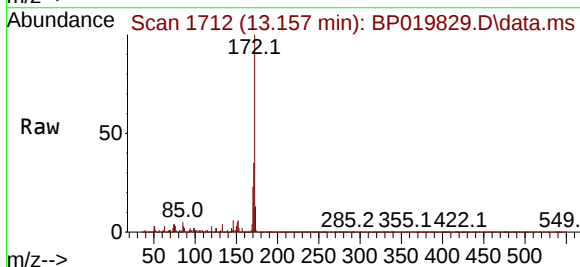
Tgt Ion:172 Resp: 1202229

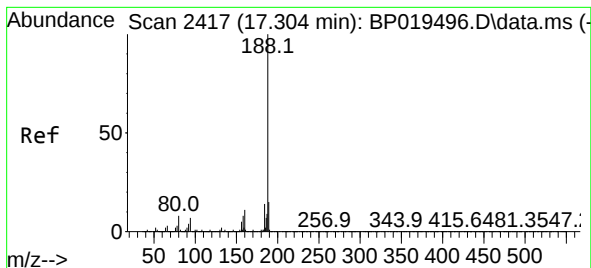
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019829.D

Acq: 22 Feb 2024 17:48

Instrument :

BNA_P

ClientSampleId :

336

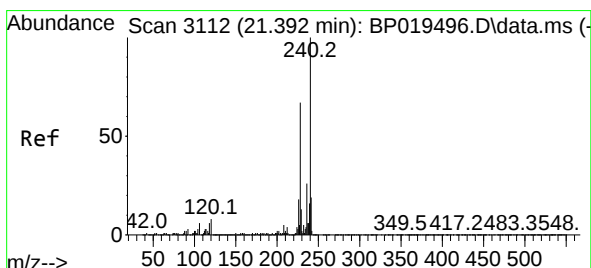
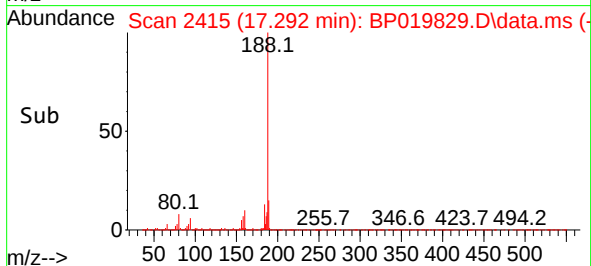
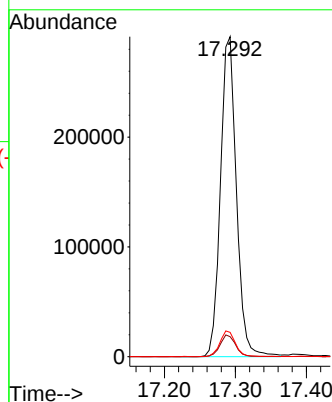
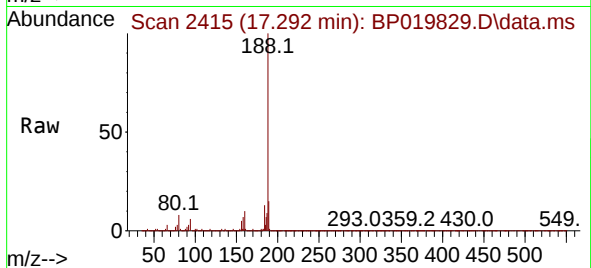
Tgt Ion:188 Resp: 452308

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.6 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: BP019829.D

Acq: 22 Feb 2024 17:48

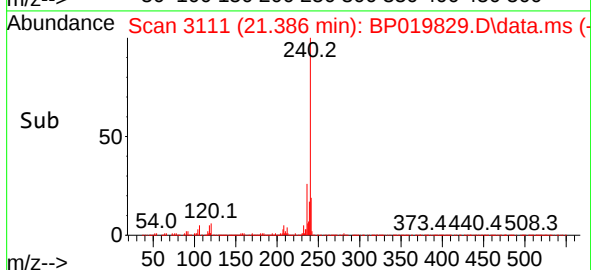
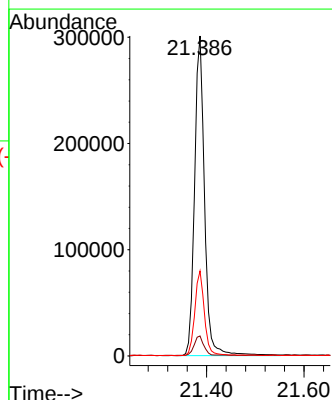
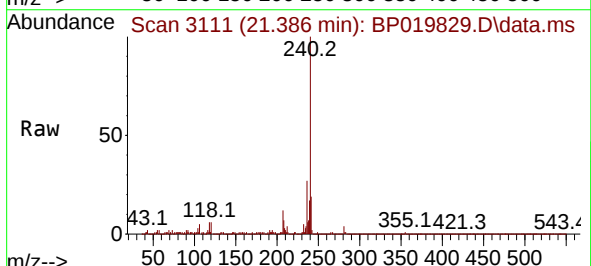
Tgt Ion:240 Resp: 431576

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.5 20.7 31.1





#79

Terphenyl-d14

Concen: 90.760 ng

RT: 19.857 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019829.D

Acq: 22 Feb 2024 17:48

Instrument :

BNA_P

ClientSampleId :

336

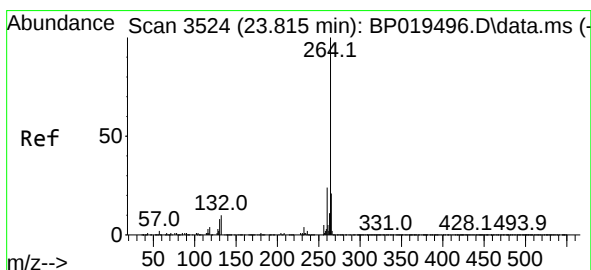
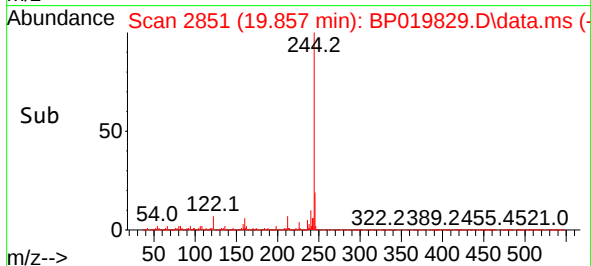
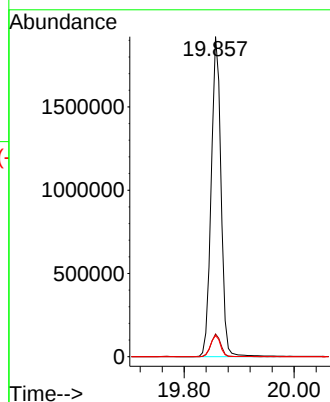
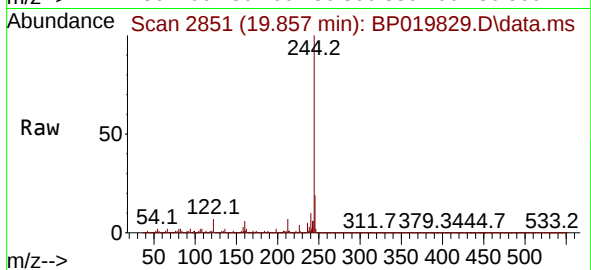
Tgt Ion:244 Resp: 2381819

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. 0.000 min

Lab File: BP019829.D

Acq: 22 Feb 2024 17:48

Tgt Ion:264 Resp: 486224

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 17.0 25.4

