

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019828.D
Acq On : 22 Feb 2024 17:14
Operator : MA/JU
Sample : P1549-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Time: Feb 22 17:44:31 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	66312	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	240006	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	165388	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	392923	20.000	ng	0.00
76) Chrysene-d12	21.386	240	420818	20.000	ng	0.00
86) Perylene-d12	23.809	264	500293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	359152	87.303	ng	0.00
7) Phenol-d6	7.069	99	475038	85.639	ng	0.00
23) Nitrobenzene-d5	9.063	82	431012	77.816	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	375549	155.521	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1003719	75.025	ng	0.00
79) Terphenyl-d14	19.857	244	2118541	82.792	ng	0.00

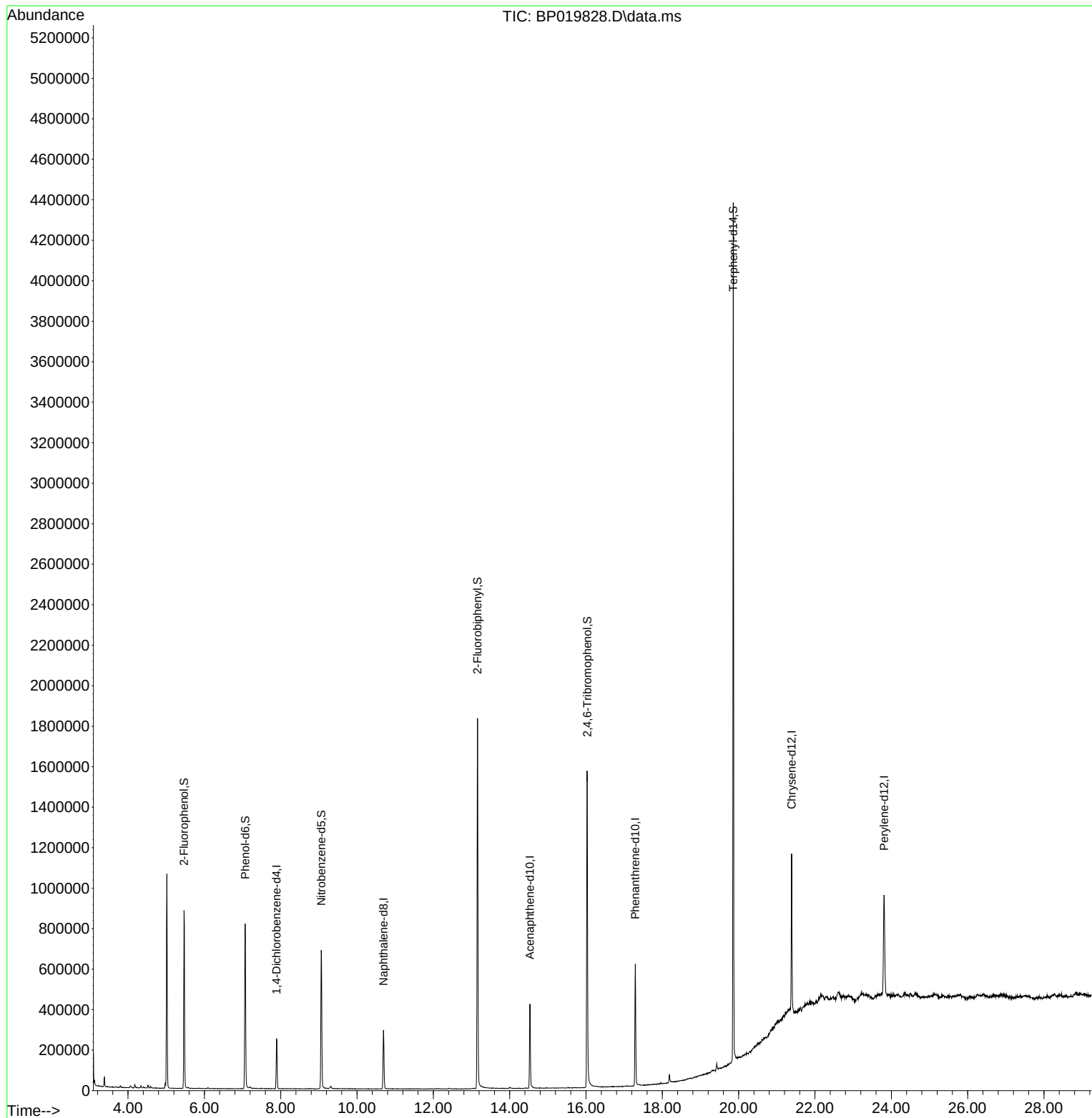
Target Compounds	Qvalue

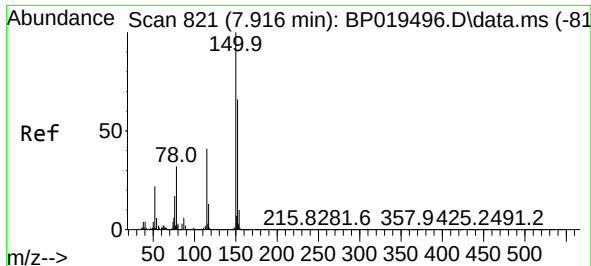
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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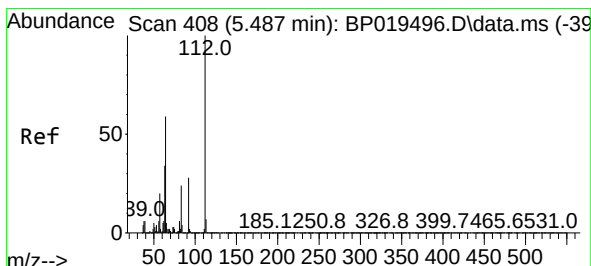
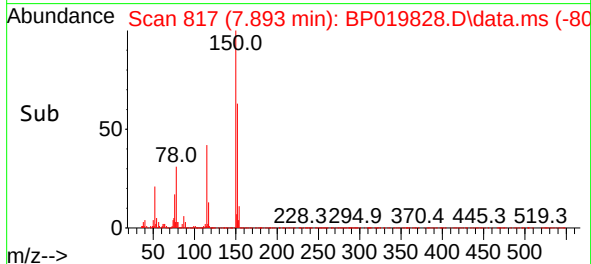
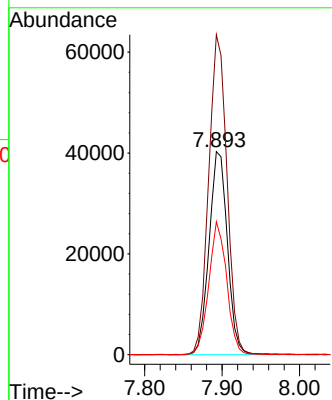
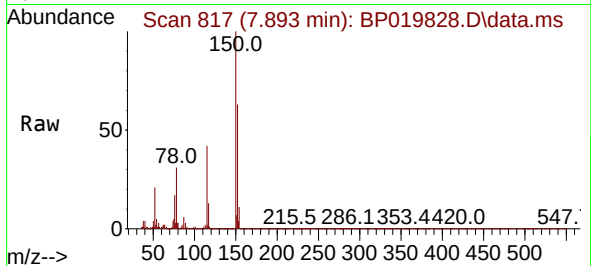




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019828.D
Acq: 22 Feb 2024 17:14

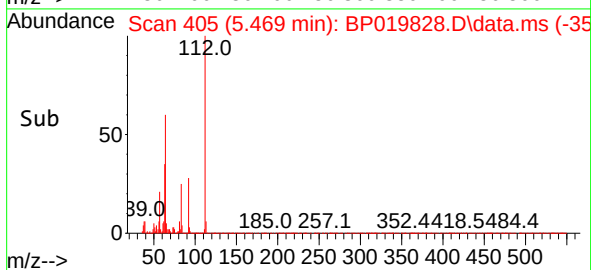
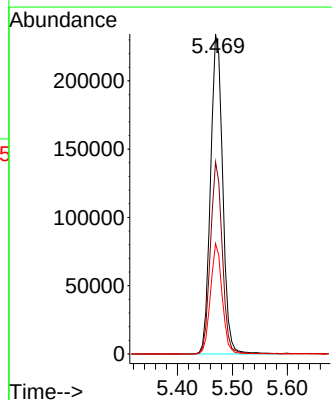
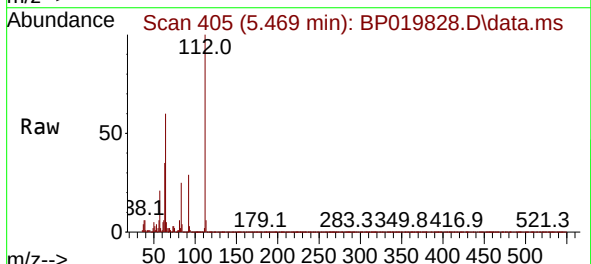
Instrument :
BNA_P
ClientSampleId :
HT3727

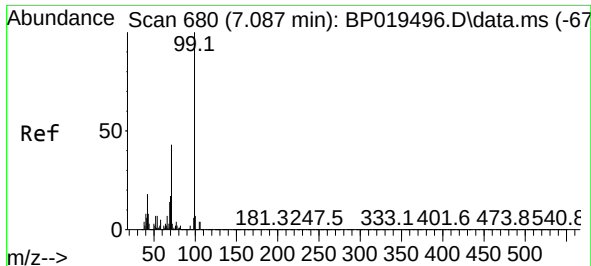
Tgt Ion:152 Resp: 66312
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.8
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 87.303 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019828.D
Acq: 22 Feb 2024 17:14

Tgt Ion:112 Resp: 359152
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 34.5 27.0 40.6

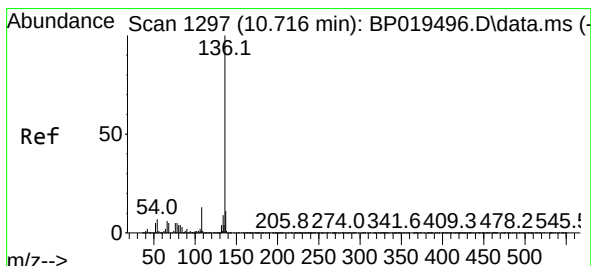
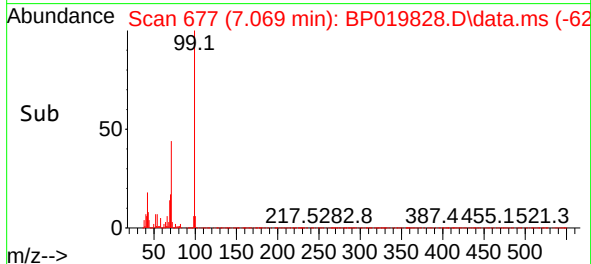
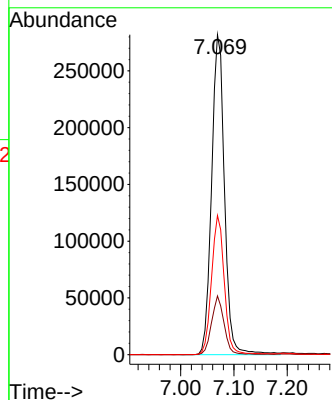
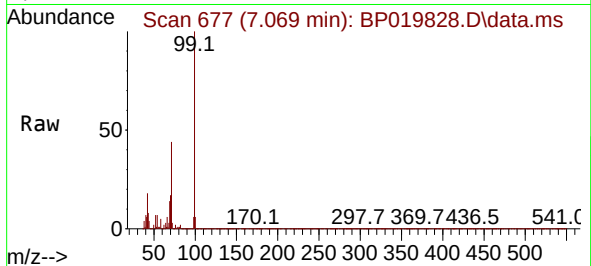




#7
Phenol-d6
Concen: 85.639 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019828.D
Acq: 22 Feb 2024 17:14

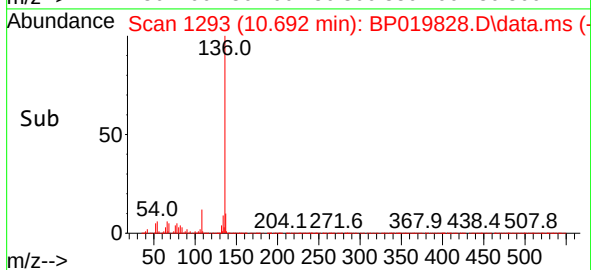
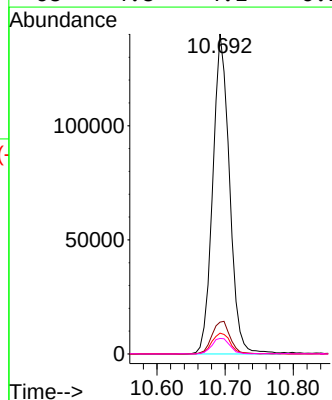
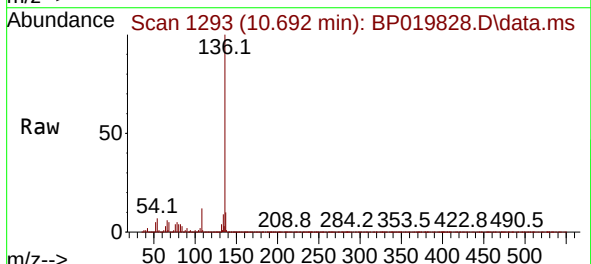
Instrument :
BNA_P
ClientSampleId :
HT3727

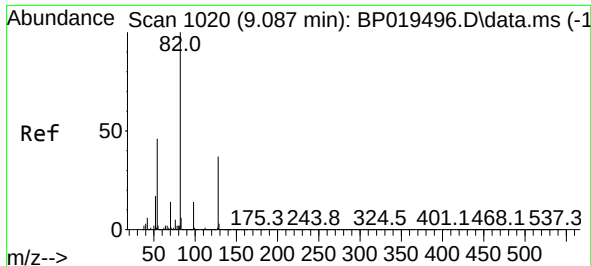
Tgt Ion: 99 Resp: 475038
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 43.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019828.D
Acq: 22 Feb 2024 17:14

Tgt Ion: 136 Resp: 240006
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 6.5 5.3 7.9
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.816 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

HT3727

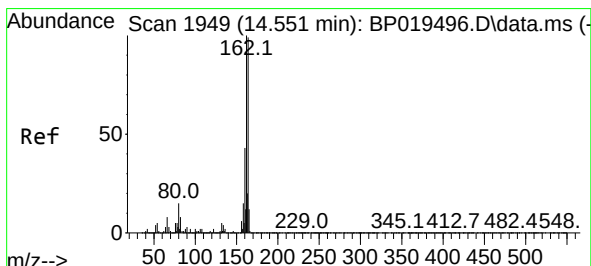
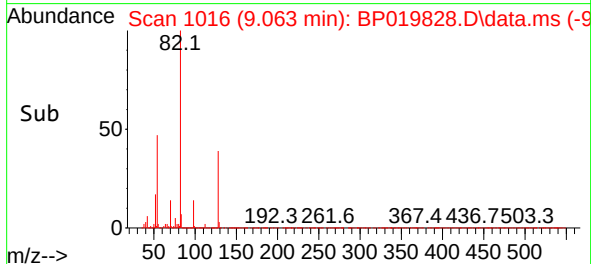
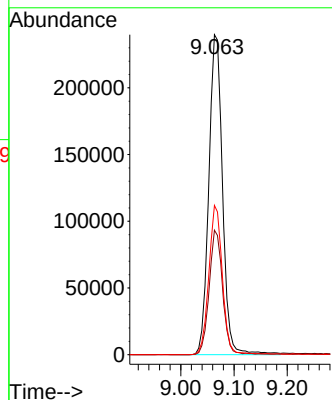
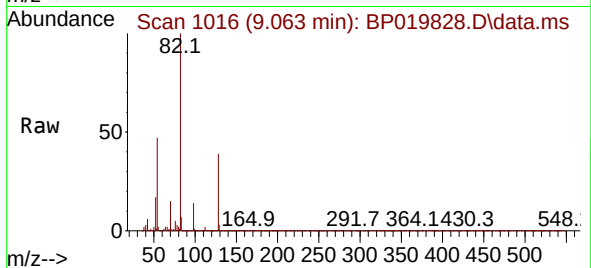
Tgt Ion: 82 Resp: 431012

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

54 46.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

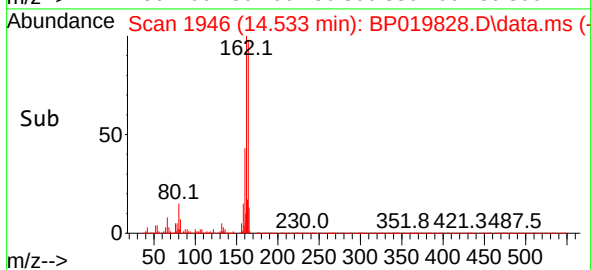
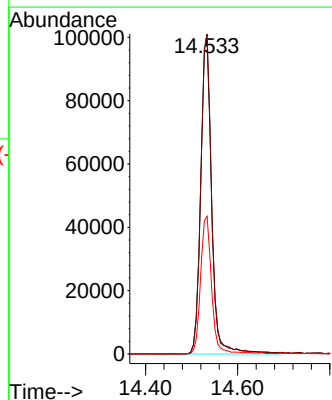
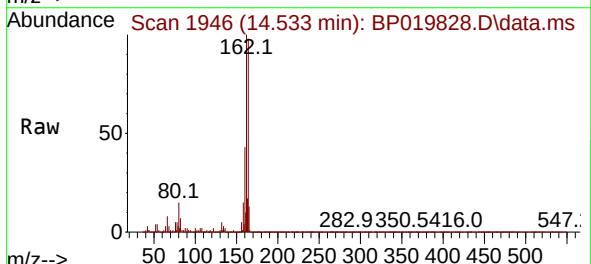
Tgt Ion:164 Resp: 165388

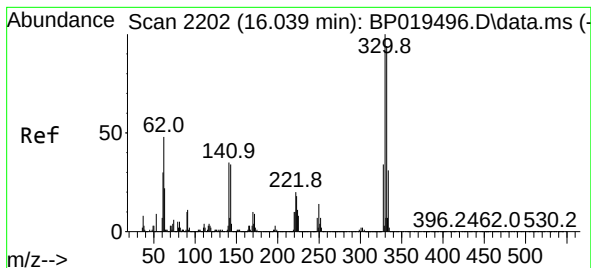
Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.521 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

HT3727

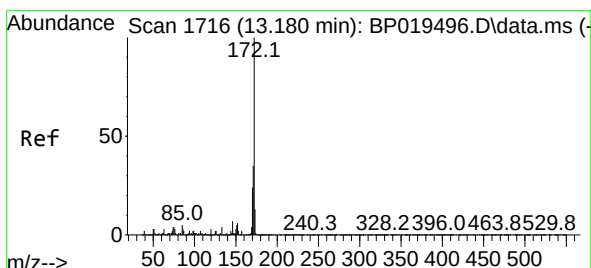
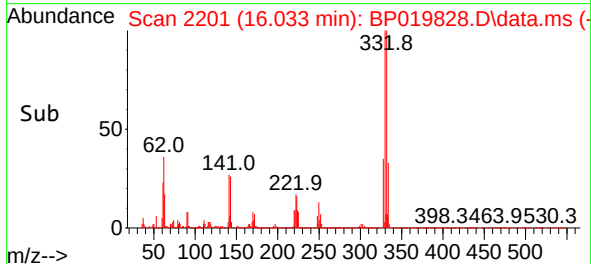
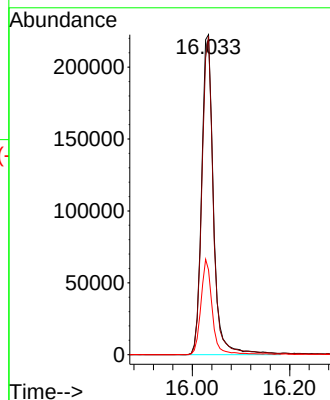
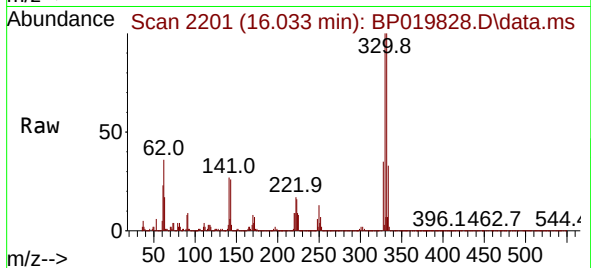
Tgt Ion:330 Resp: 375549

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 28.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 75.025 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

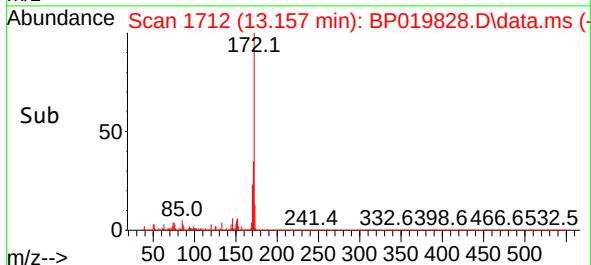
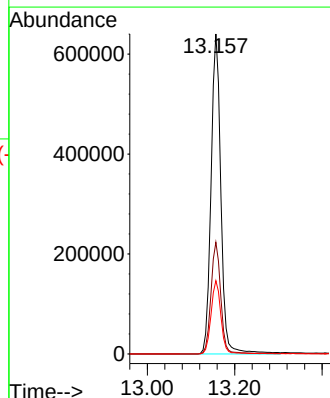
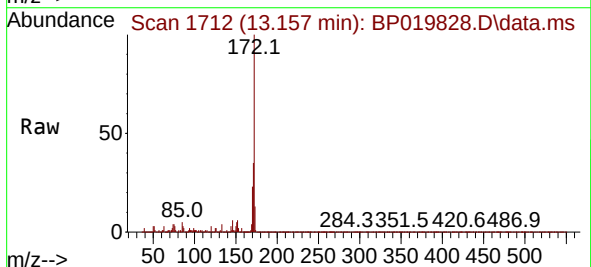
Tgt Ion:172 Resp: 1003719

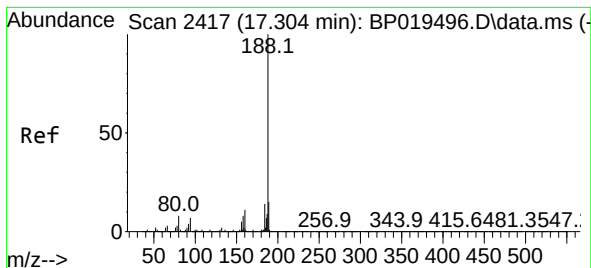
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

HT3727

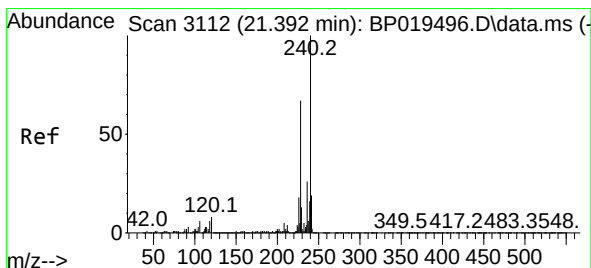
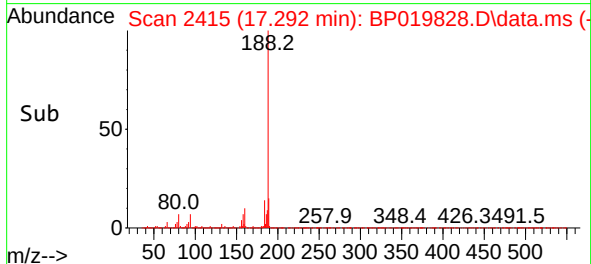
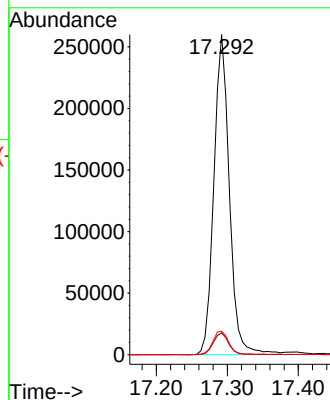
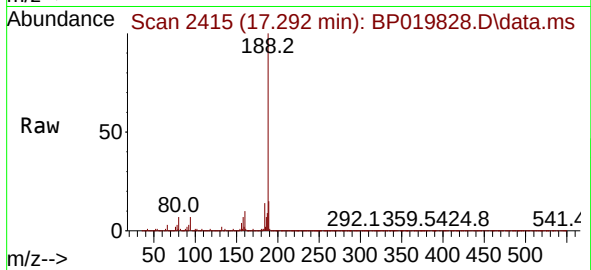
Tgt Ion:188 Resp: 392923

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.3 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: BP019828.D

Acq: 22 Feb 2024 17:14

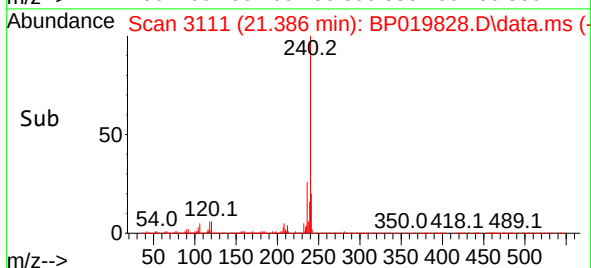
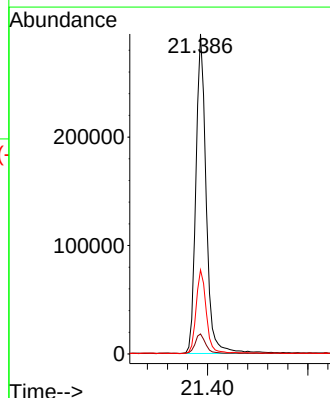
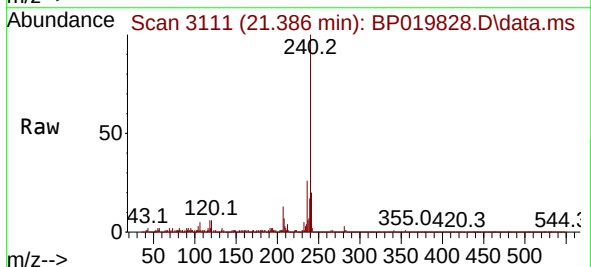
Tgt Ion:240 Resp: 420818

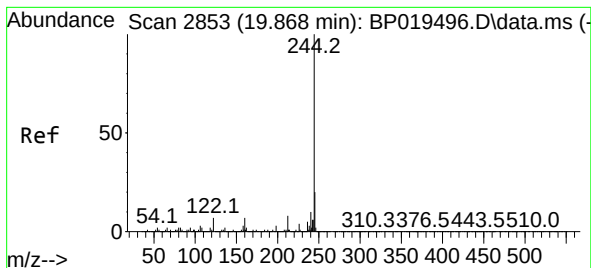
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 82.792 ng

RT: 19.857 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

HT3727

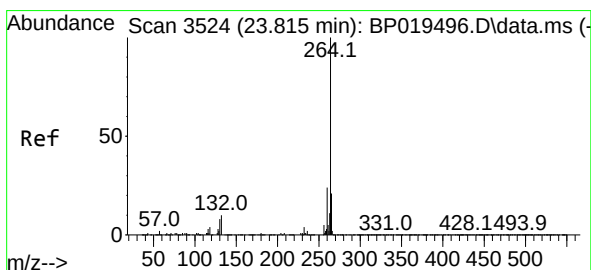
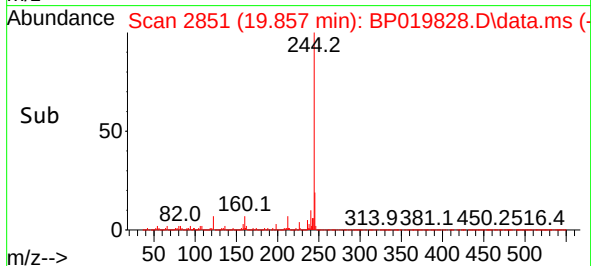
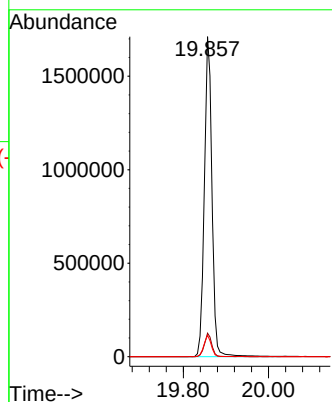
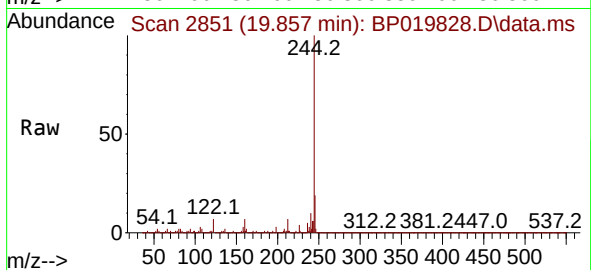
Tgt Ion:244 Resp: 2118541

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3523

Delta R.T. -0.000 min

Lab File: BP019828.D

Acq: 22 Feb 2024 17:14

Tgt Ion:264 Resp: 500293

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.5 17.0 25.4

