

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019750.D
 Acq On : 16 Feb 2024 18:06
 Operator : MA/JU
 Sample : P1414-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10(10-11)

Quant Time: Feb 19 00:27:18 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	7.899	152	65620	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	238644	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	161484	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	409603	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	440178	20.000	ng	0.00
86) Perylene-d12	23.810	264	491630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	550041	135.115	ng	-0.01
7) Phenol-d6	7.075	99	696605	126.907	ng	-0.01
23) Nitrobenzene-d5	9.069	82	482755	87.656	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	450459	191.052	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1134247	86.831	ng	-0.02
79) Terphenyl-d14	19.863	244	2489844	93.023	ng	0.00

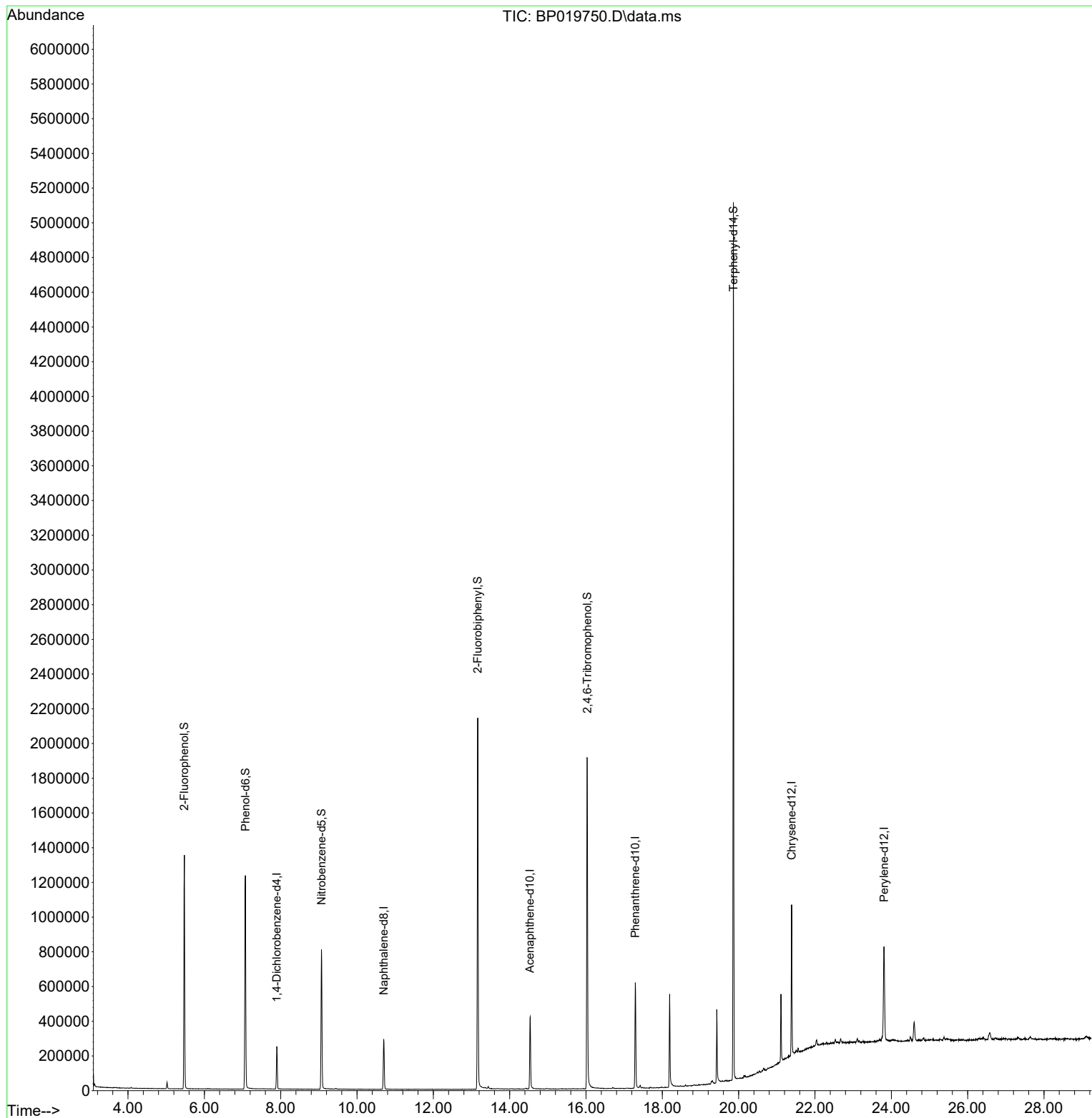
Target Compounds	Qvalue

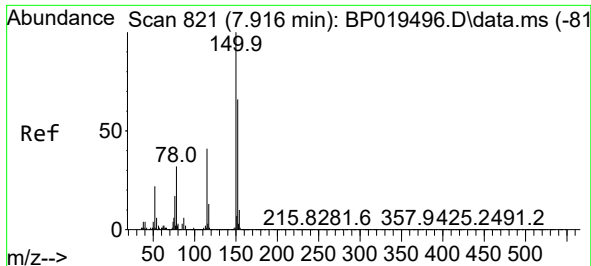
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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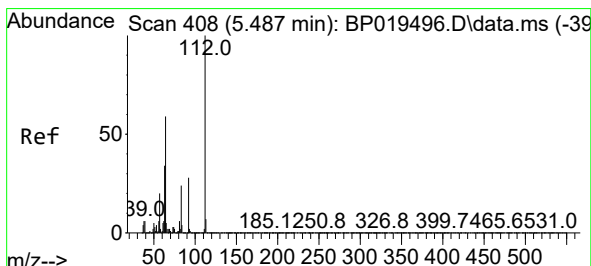
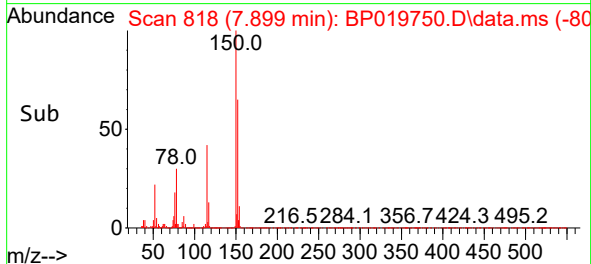
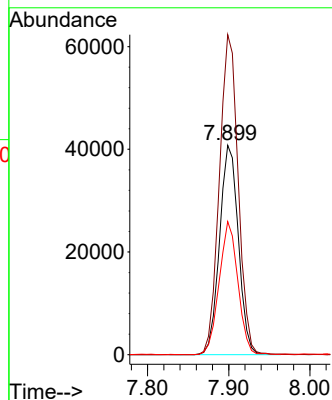
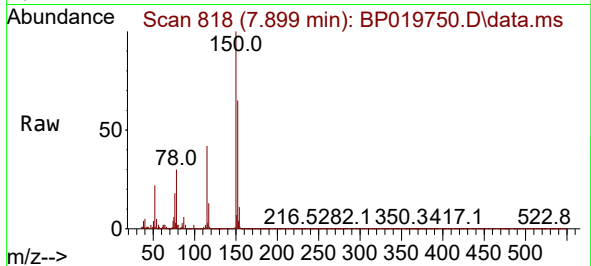




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

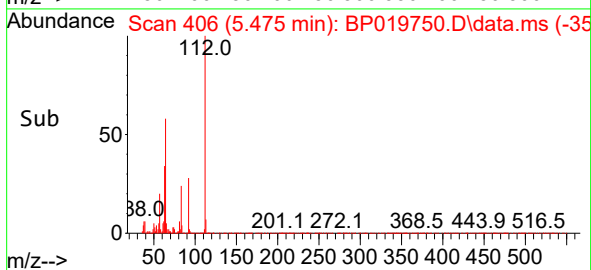
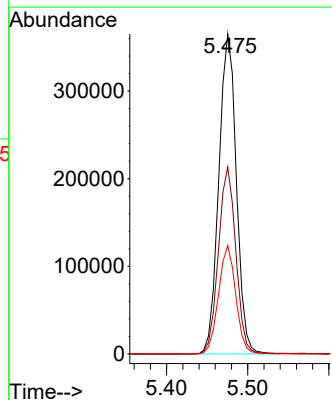
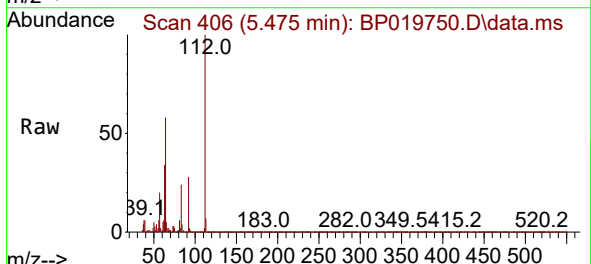
Instrument :
BNA_P
ClientSampleId :
SB-10(10-11)

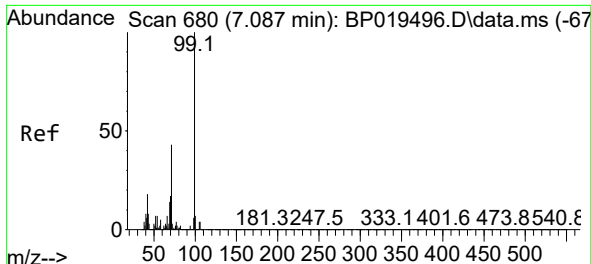
Tgt Ion:152 Resp: 65620
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 135.115 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

Tgt Ion:112 Resp: 550041
Ion Ratio Lower Upper
112 100
64 58.4 47.4 71.0
63 33.9 27.0 40.6

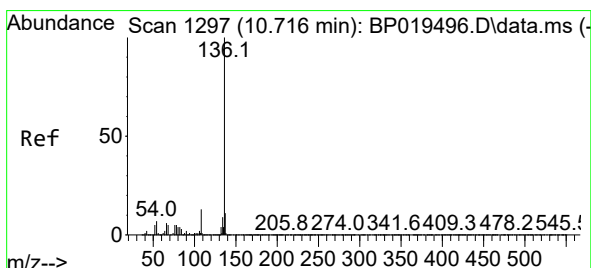
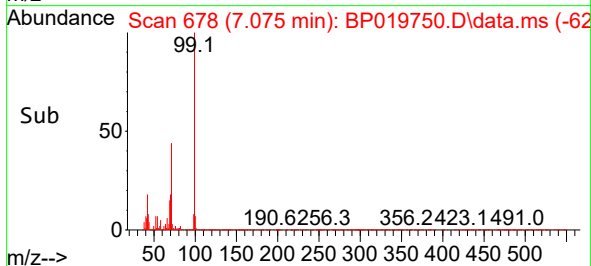
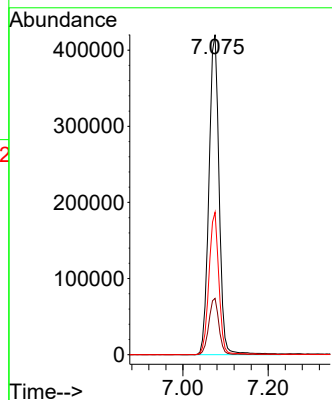
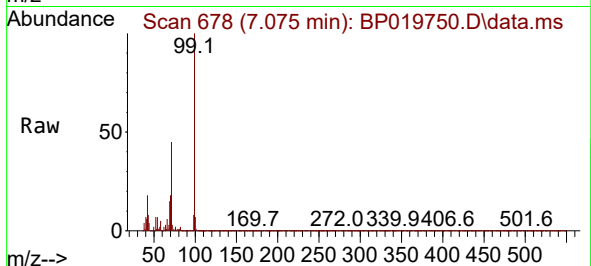




#7
Phenol-d6
Concen: 126.907 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

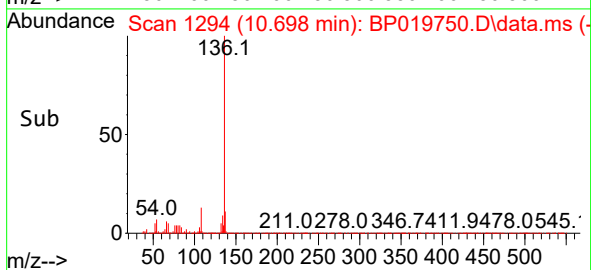
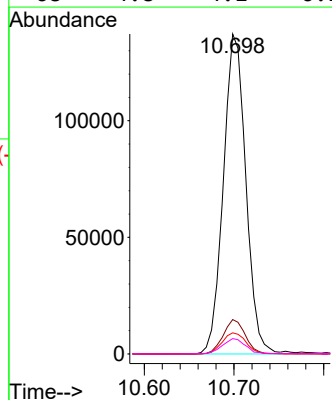
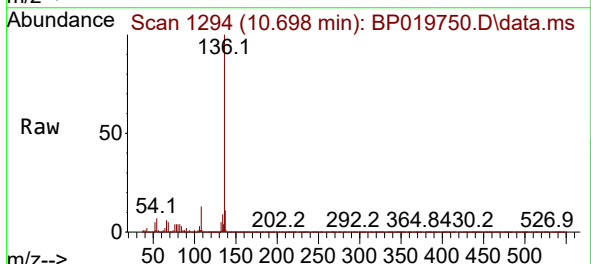
Instrument :
BNA_P
ClientSampleId :
SB-10(10-11)

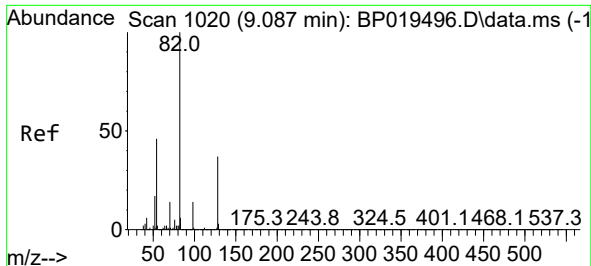
Tgt Ion: 99 Resp: 696605
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 44.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

Tgt Ion: 136 Resp: 238644
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.3 7.9
68 4.8 4.1 6.1

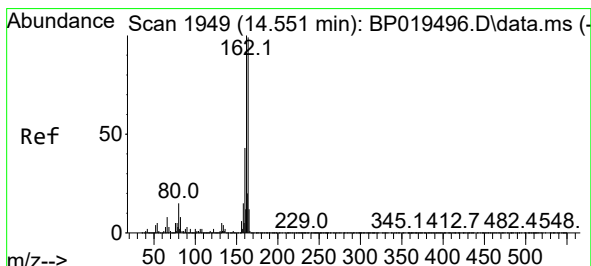
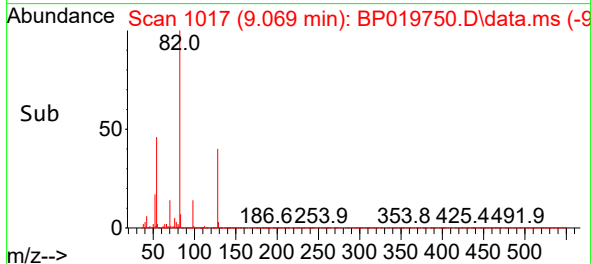
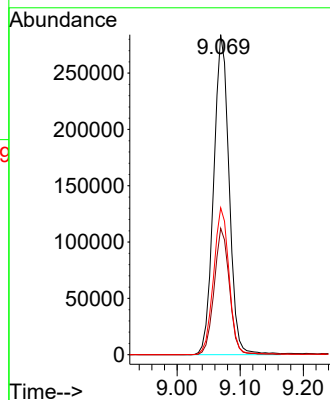
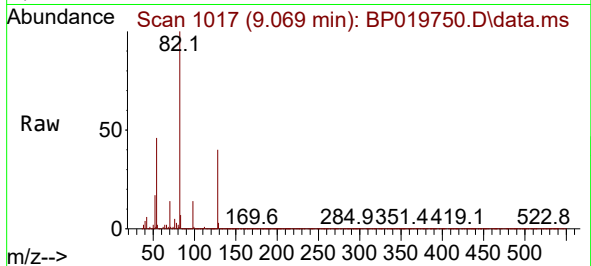




#23
Nitrobenzene-d5
Concen: 87.656 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

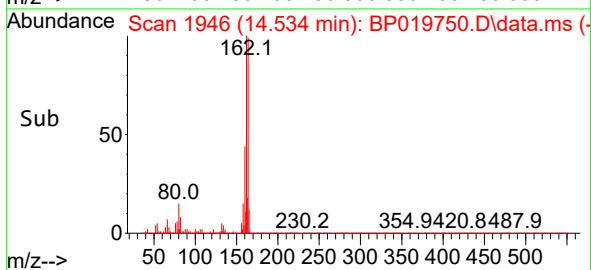
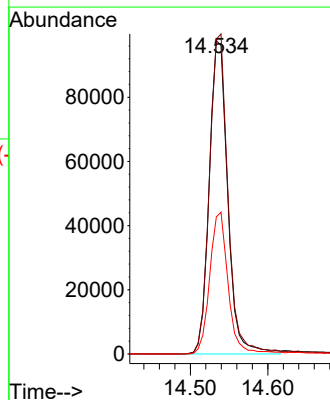
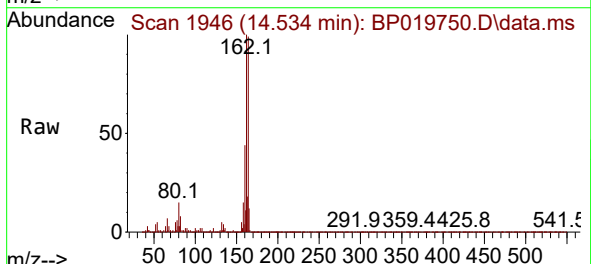
Instrument :
BNA_P
ClientSampleId :
SB-10(10-11)

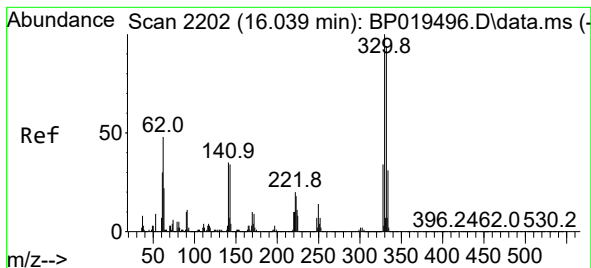
Tgt Ion: 82 Resp: 482755
Ion Ratio Lower Upper
82 100
128 39.5 29.7 44.5
54 45.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

Tgt Ion: 164 Resp: 161484
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.8 35.1 52.7

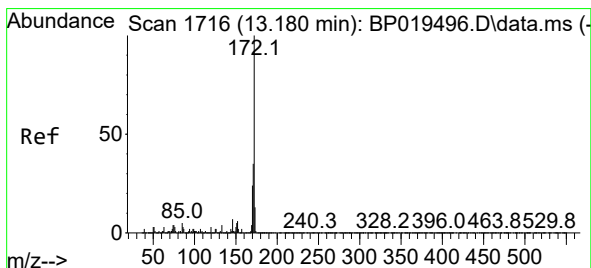
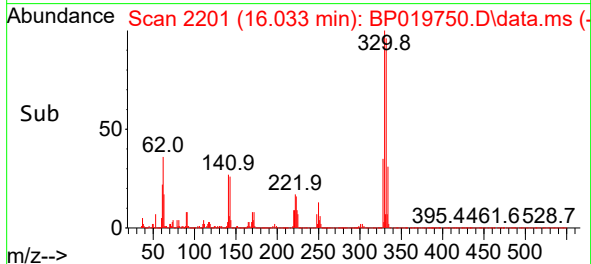
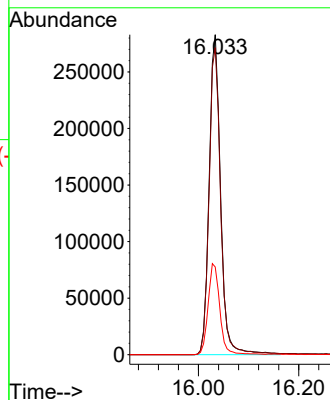
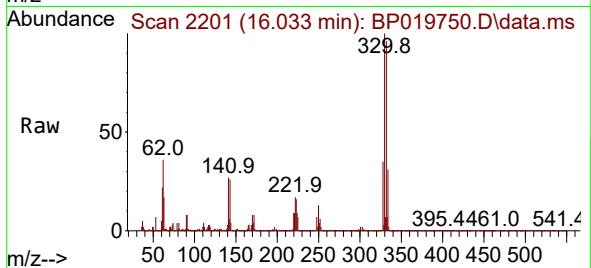




#42
2,4,6-Tribromophenol
Concen: 191.052 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

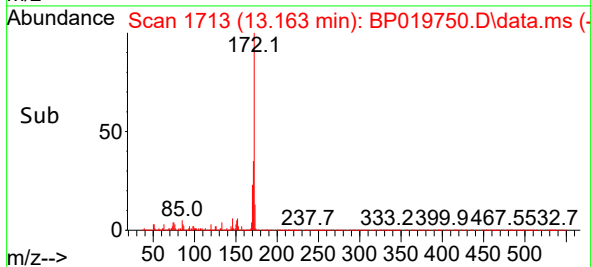
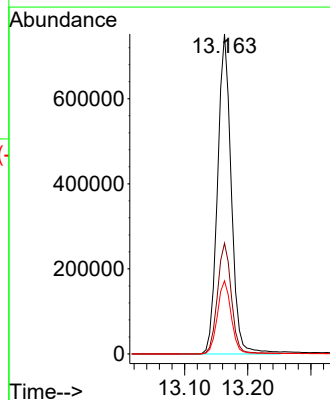
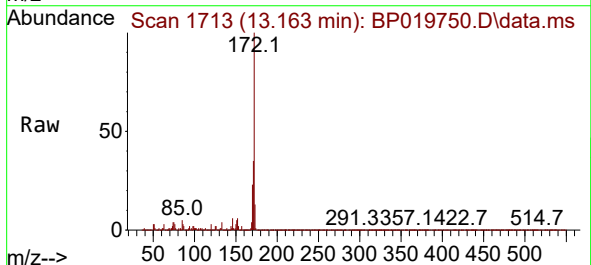
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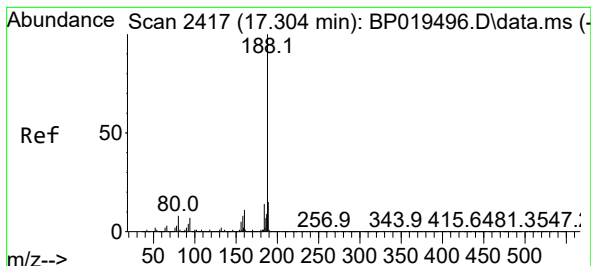
Tgt Ion:330 Resp: 450459
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 29.1 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 86.831 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019750.D
Acq: 16 Feb 2024 18:06

Tgt Ion:172 Resp: 1134247
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019750.D

Acq: 16 Feb 2024 18:06

Instrument :

BNA_P

ClientSampleId :

SB-10(10-11)

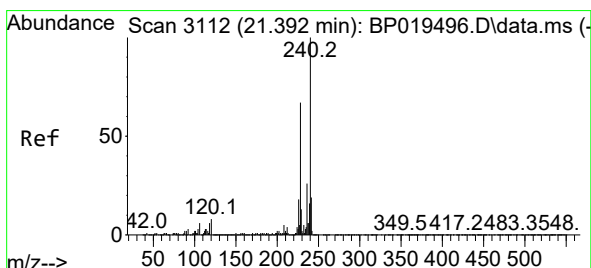
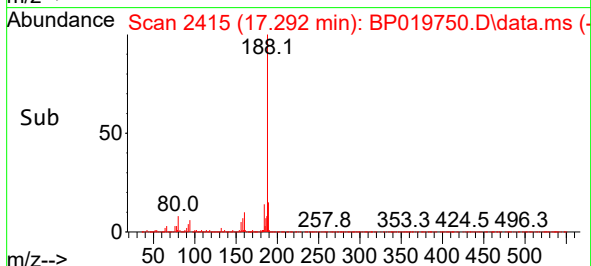
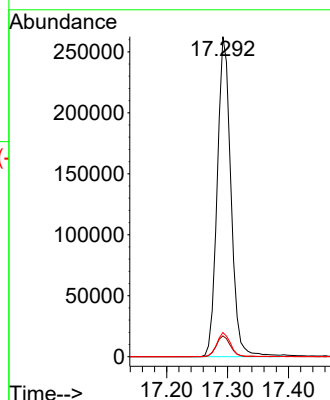
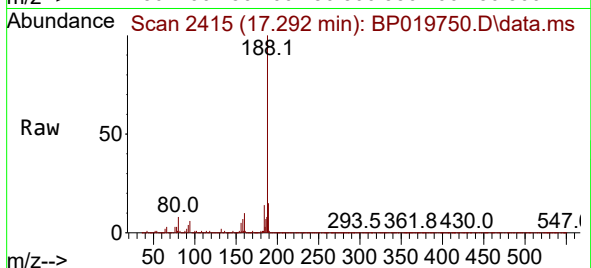
Tgt Ion:188 Resp: 409603

Ion Ratio Lower Upper

188 100

94 6.5 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: BP019750.D

Acq: 16 Feb 2024 18:06

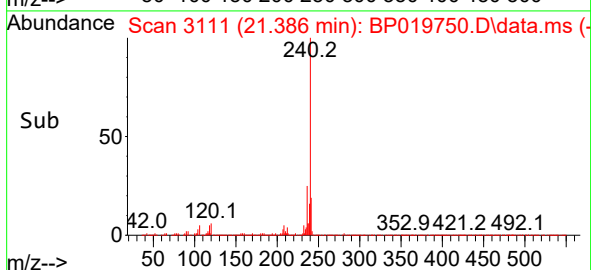
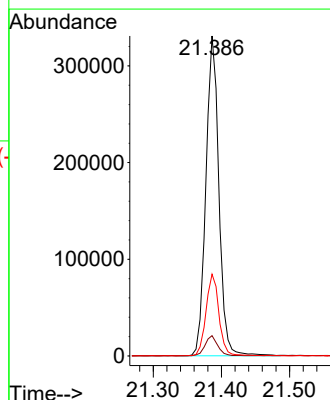
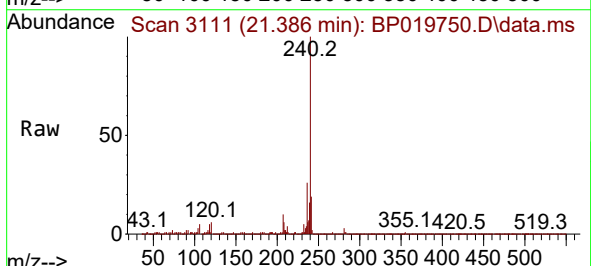
Tgt Ion:240 Resp: 440178

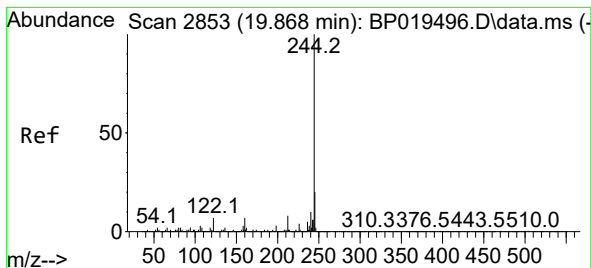
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 93.023 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019750.D

Acq: 16 Feb 2024 18:06

Instrument :

BNA_P

ClientSampleId :

SB-10(10-11)

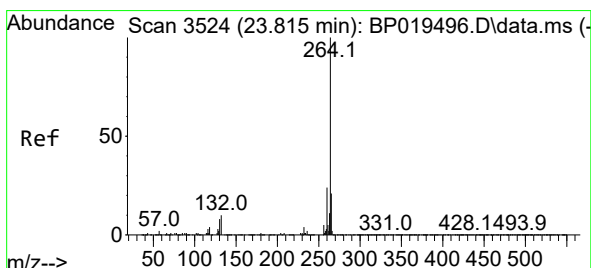
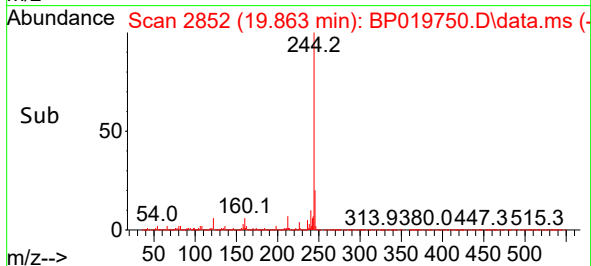
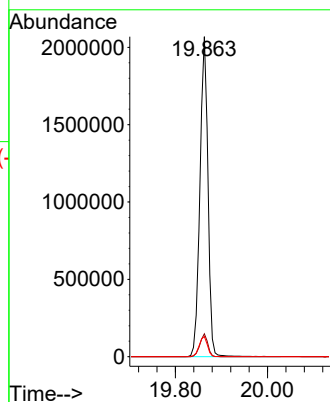
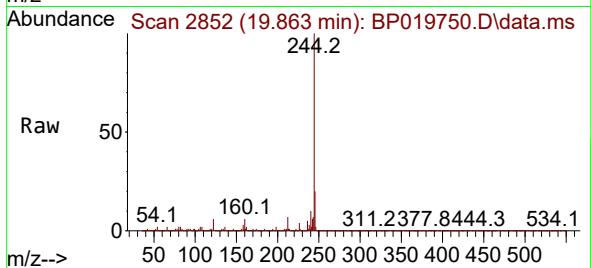
Tgt Ion:244 Resp: 2489844

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019750.D

Acq: 16 Feb 2024 18:06

Tgt Ion:264 Resp: 491630

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 17.0 25.4

