

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019748.D
 Acq On : 16 Feb 2024 16:58
 Operator : MA/JU
 Sample : P1394-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4(5-6)

Quant Time: Feb 16 17:36:37 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	65099	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	222226	20.000	ng	-0.02
39) Acenaphthene-d10	14.539	164	133515	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	327186	20.000	ng	0.00
76) Chrysene-d12	21.386	240	399808	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	472762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	462253	114.459	ng	-0.01
7) Phenol-d6	7.075	99	564167	103.602	ng	-0.01
23) Nitrobenzene-d5	9.069	82	393951	76.816	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	311931	160.013	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	880715	81.546	ng	-0.02
79) Terphenyl-d14	19.863	244	1872975	77.042	ng	0.00

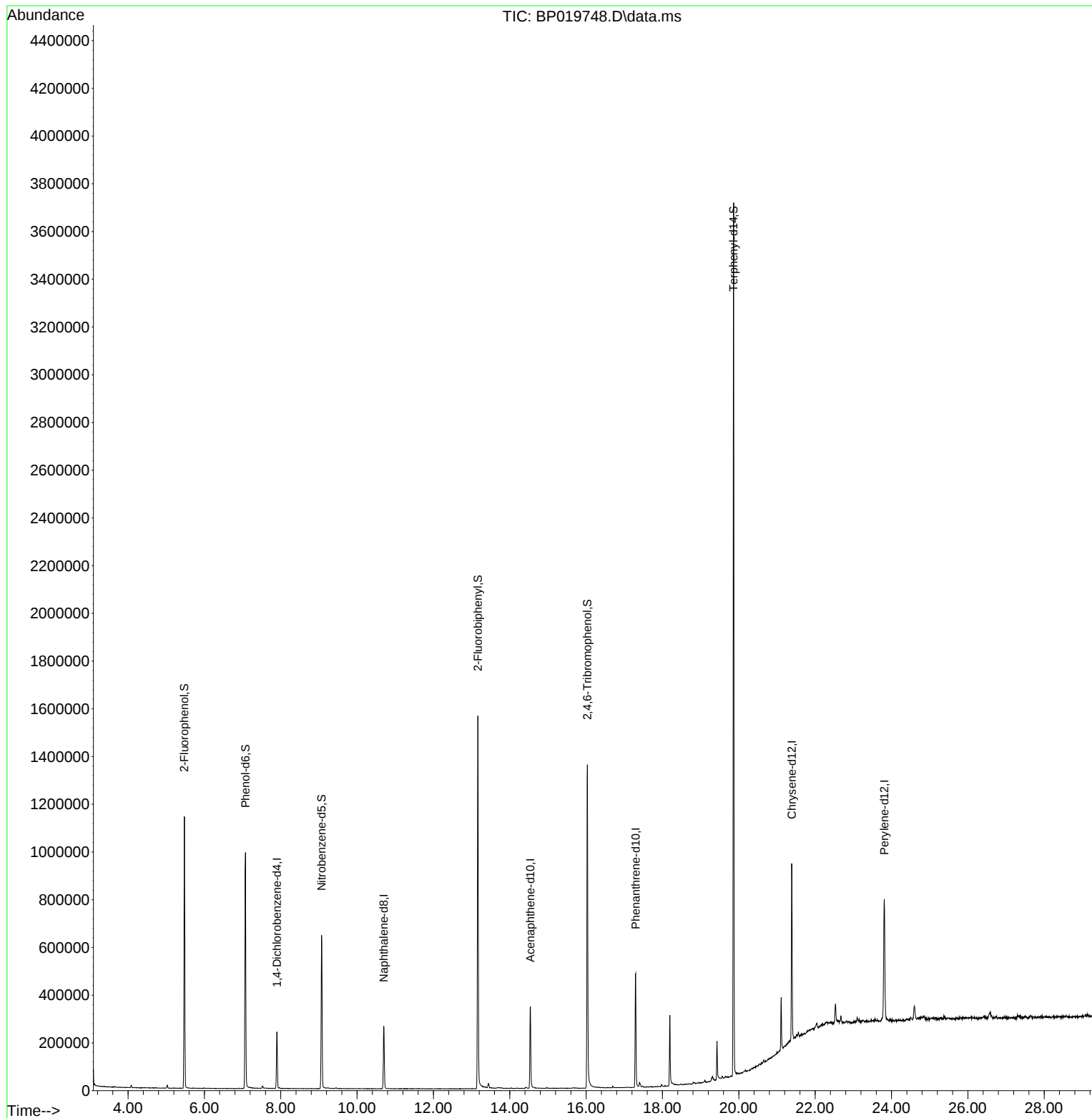
Target Compounds	Qvalue

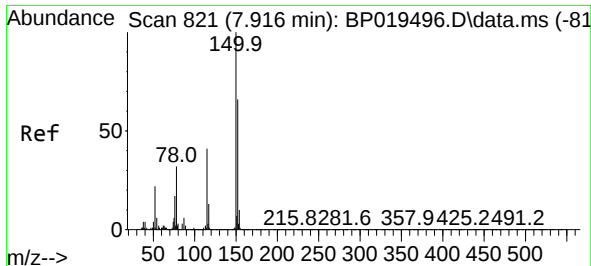
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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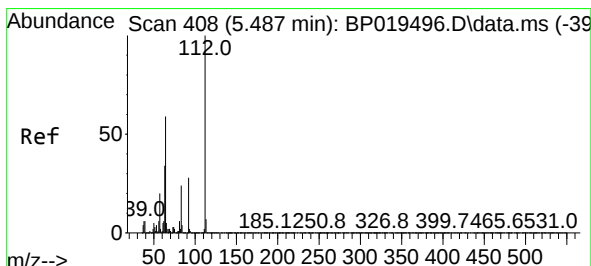
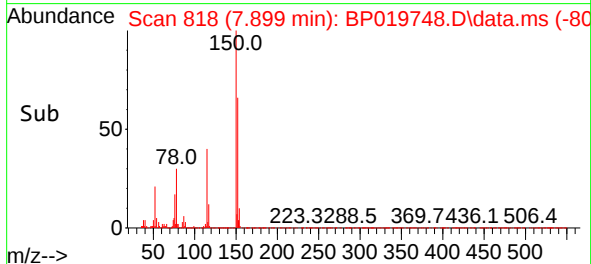
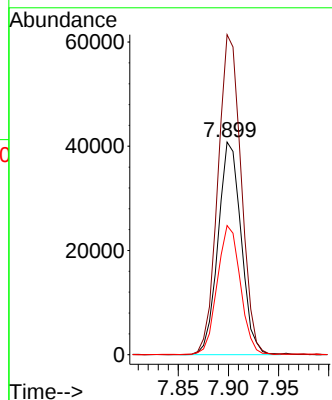
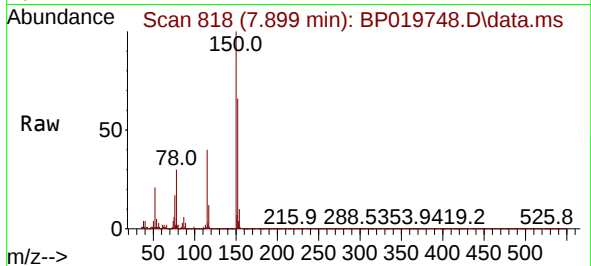




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

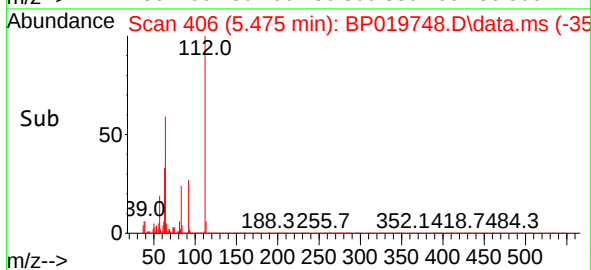
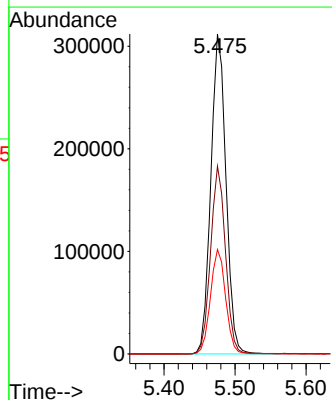
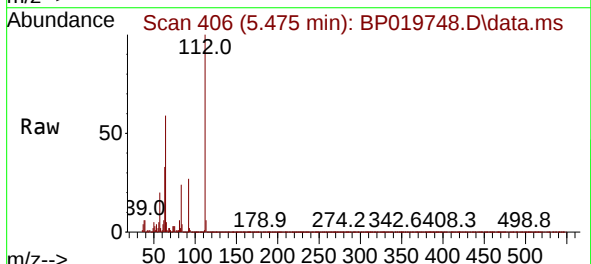
Instrument :
BNA_P
ClientSampleId :
SB-4(5-6)

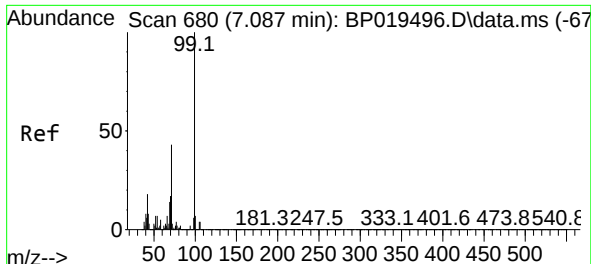
Tgt Ion:152 Resp: 65099
Ion Ratio Lower Upper
152 100
150 150.5 121.8 182.8
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 114.459 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

Tgt Ion:112 Resp: 462253
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 32.7 27.0 40.6

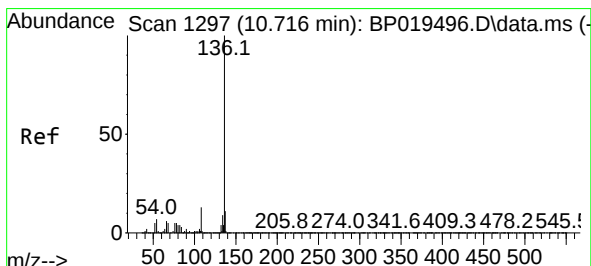
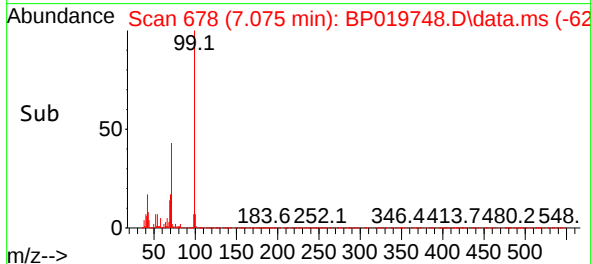
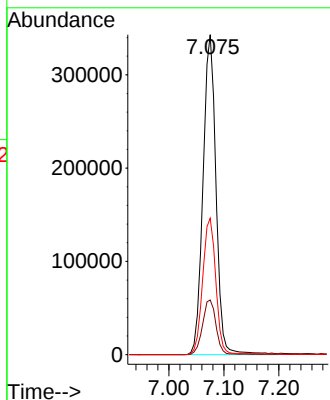
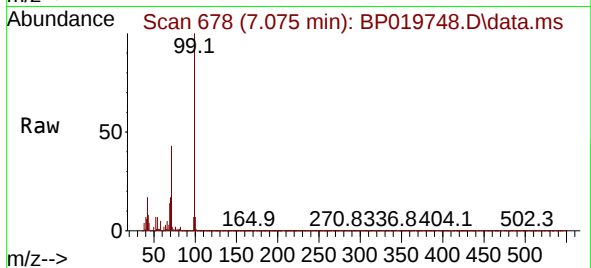




#7
Phenol-d6
Concen: 103.602 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

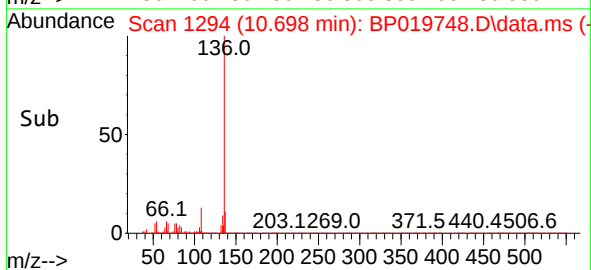
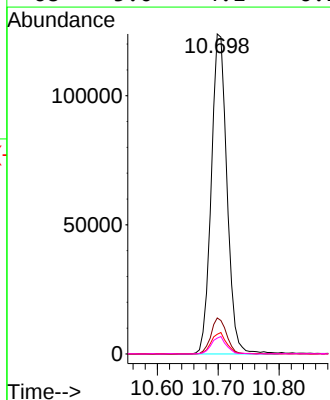
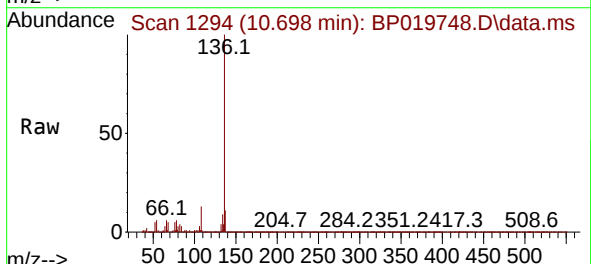
Instrument :
BNA_P
ClientSampleId :
SB-4(5-6)

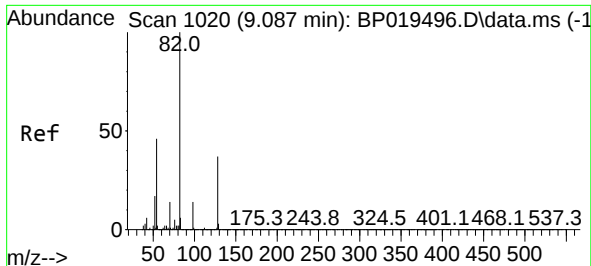
Tgt Ion: 99 Resp: 564167
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

Tgt Ion: 136 Resp: 222226
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.1 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 76.816 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019748.D

Acq: 16 Feb 2024 16:58

Instrument :

BNA_P

ClientSampleId :

SB-4(5-6)

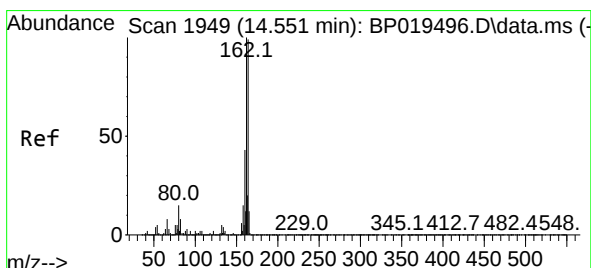
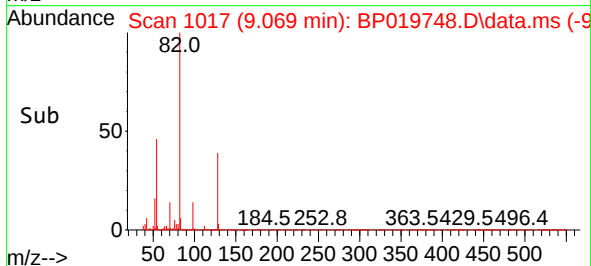
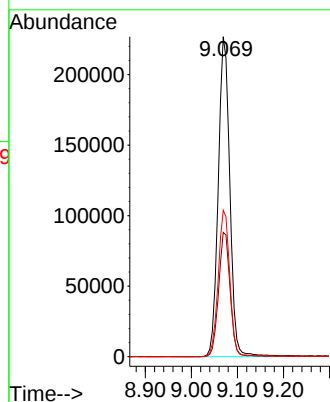
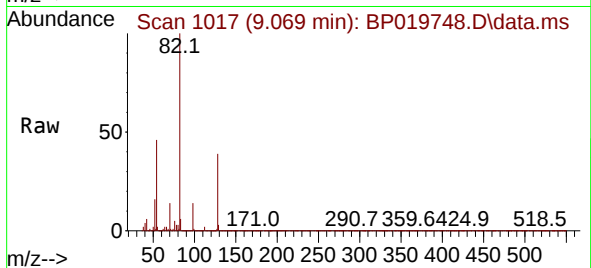
Tgt Ion: 82 Resp: 393951

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

54 45.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019748.D

Acq: 16 Feb 2024 16:58

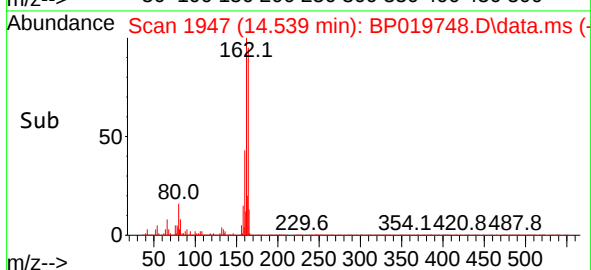
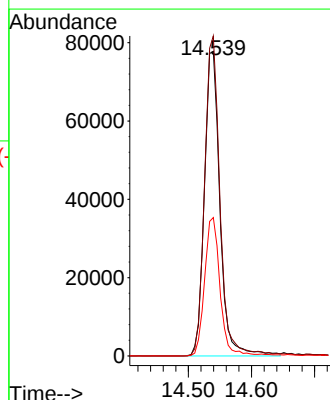
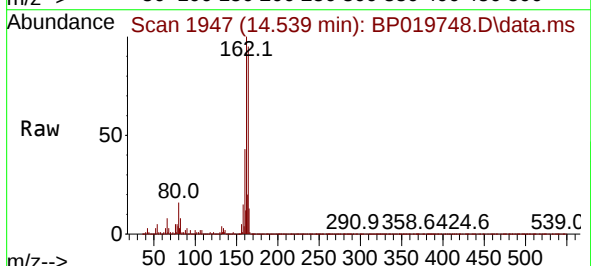
Tgt Ion:164 Resp: 133515

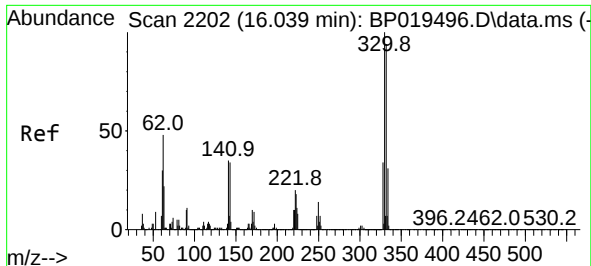
Ion Ratio Lower Upper

164 100

162 105.0 81.2 121.8

160 45.4 35.1 52.7

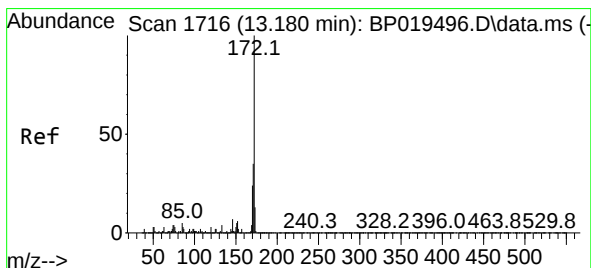
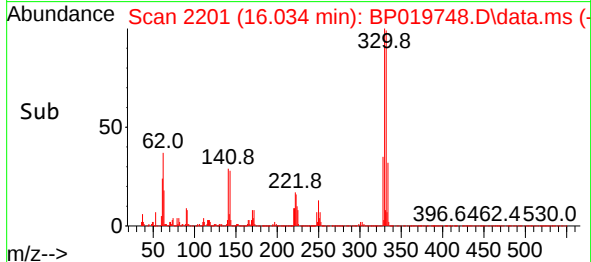
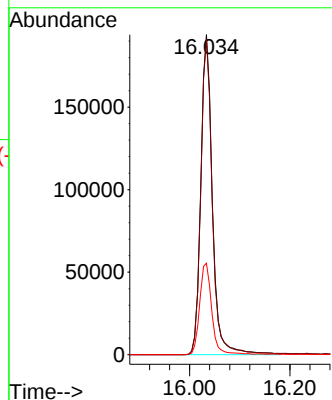
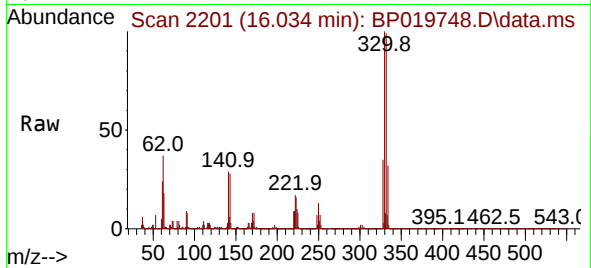




#42
2,4,6-Tribromophenol
Concen: 160.013 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

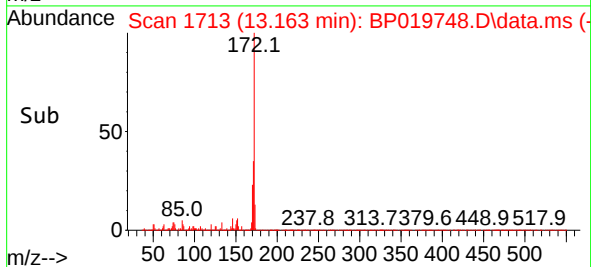
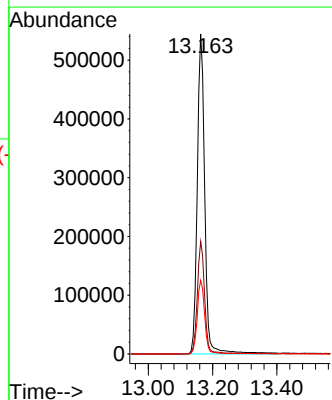
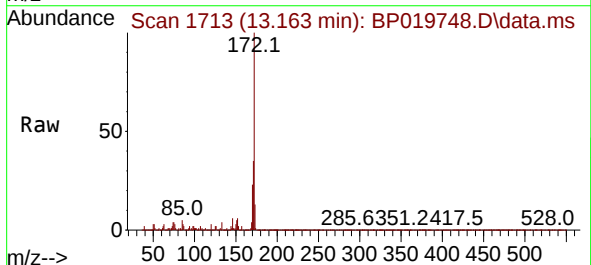
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SB-4(5-6)

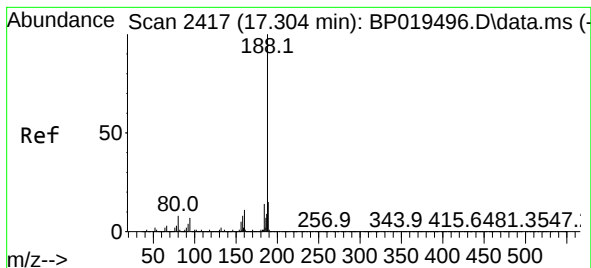
Tgt Ion:330 Resp: 311931
Ion Ratio Lower Upper
330 100
332 98.3 77.2 115.8
141 29.6 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 81.546 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019748.D
Acq: 16 Feb 2024 16:58

Tgt Ion:172 Resp: 880715
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019748.D

Acq: 16 Feb 2024 16:58

Instrument :

BNA_P

ClientSampleId :

SB-4(5-6)

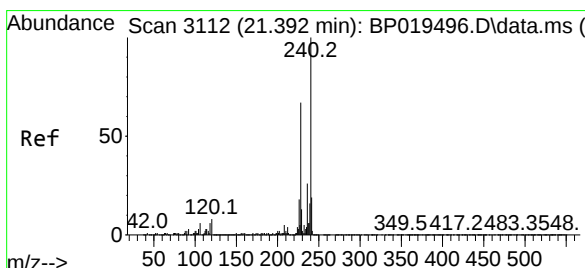
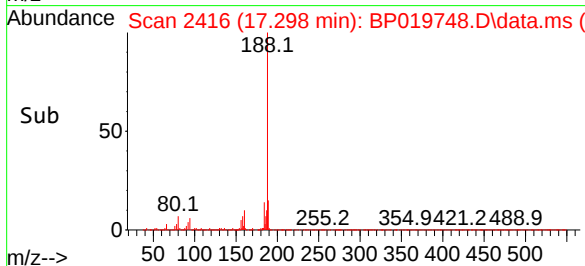
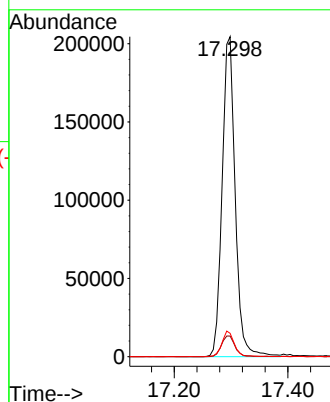
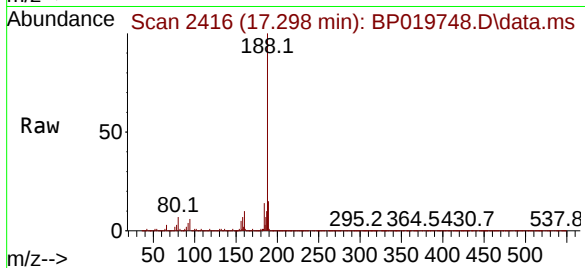
Tgt Ion:188 Resp: 327186

Ion Ratio Lower Upper

188 100

94 6.4 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: BP019748.D

Acq: 16 Feb 2024 16:58

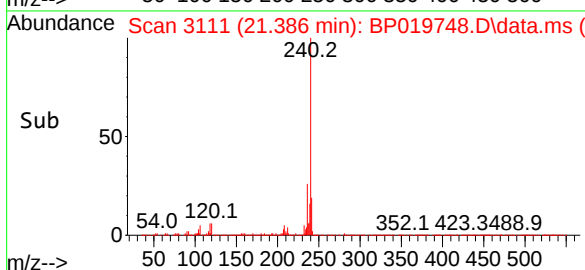
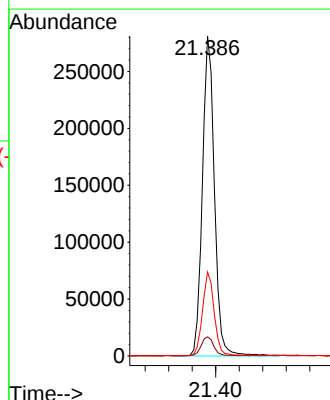
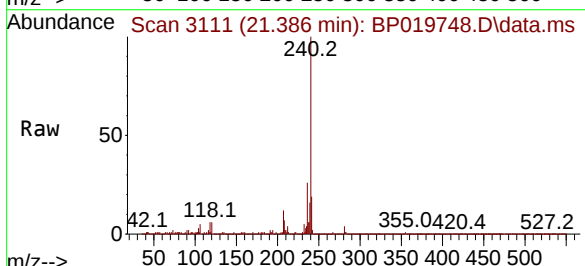
Tgt Ion:240 Resp: 399808

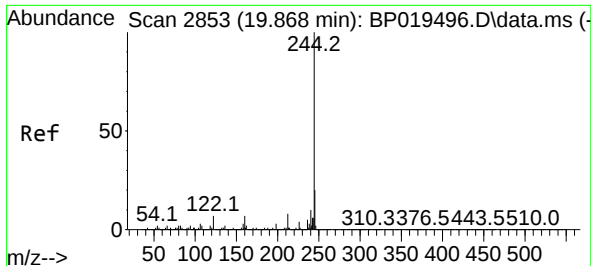
Ion Ratio Lower Upper

240 100

120 6.0 6.1 9.1#

236 26.3 20.7 31.1

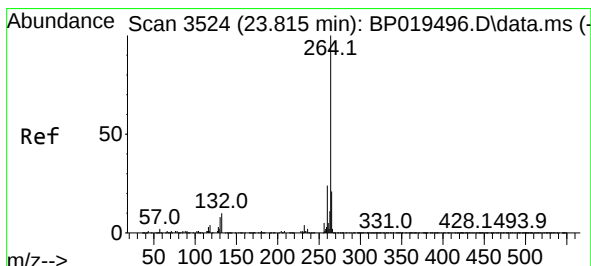
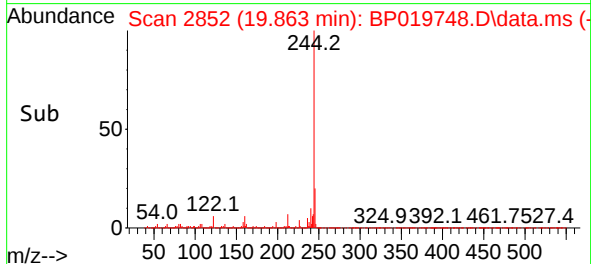
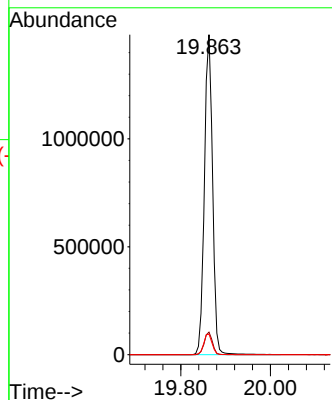
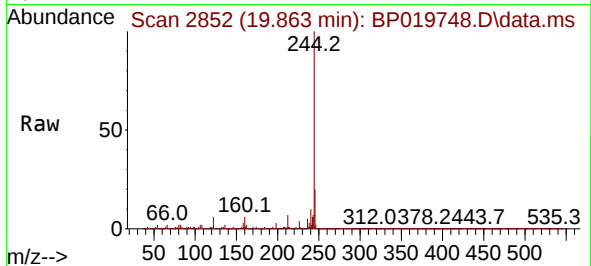




#79
 Terphenyl-d14
 Concen: 77.042 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019748.D
 Acq: 16 Feb 2024 16:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-4(5-6)

Tgt Ion:244 Resp: 1872975
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 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: BP019748.D
 Acq: 16 Feb 2024 16:58

Tgt Ion:264 Resp: 472762
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.1 17.0 25.4

