

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019890.D
 Acq On : 27 Feb 2024 11:20
 Operator : MA/JU
 Sample : PB159140BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BL

Quant Time: Feb 27 11:52:48 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	97021	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	495993	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	343902	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	818701	20.000	ng	0.00
76) Chrysene-d12	21.398	240	752933	20.000	ng	-0.01
86) Perylene-d12	23.821	264	715651	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	745432	126.110	ng	0.00
7) Phenol-d6	7.075	99	999203	113.538	ng	0.00
23) Nitrobenzene-d5	9.069	82	678280	55.209	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	749165	127.047	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	2137750	83.987	ng	0.00
79) Terphenyl-d14	19.875	244	4113480	86.109	ng	0.00

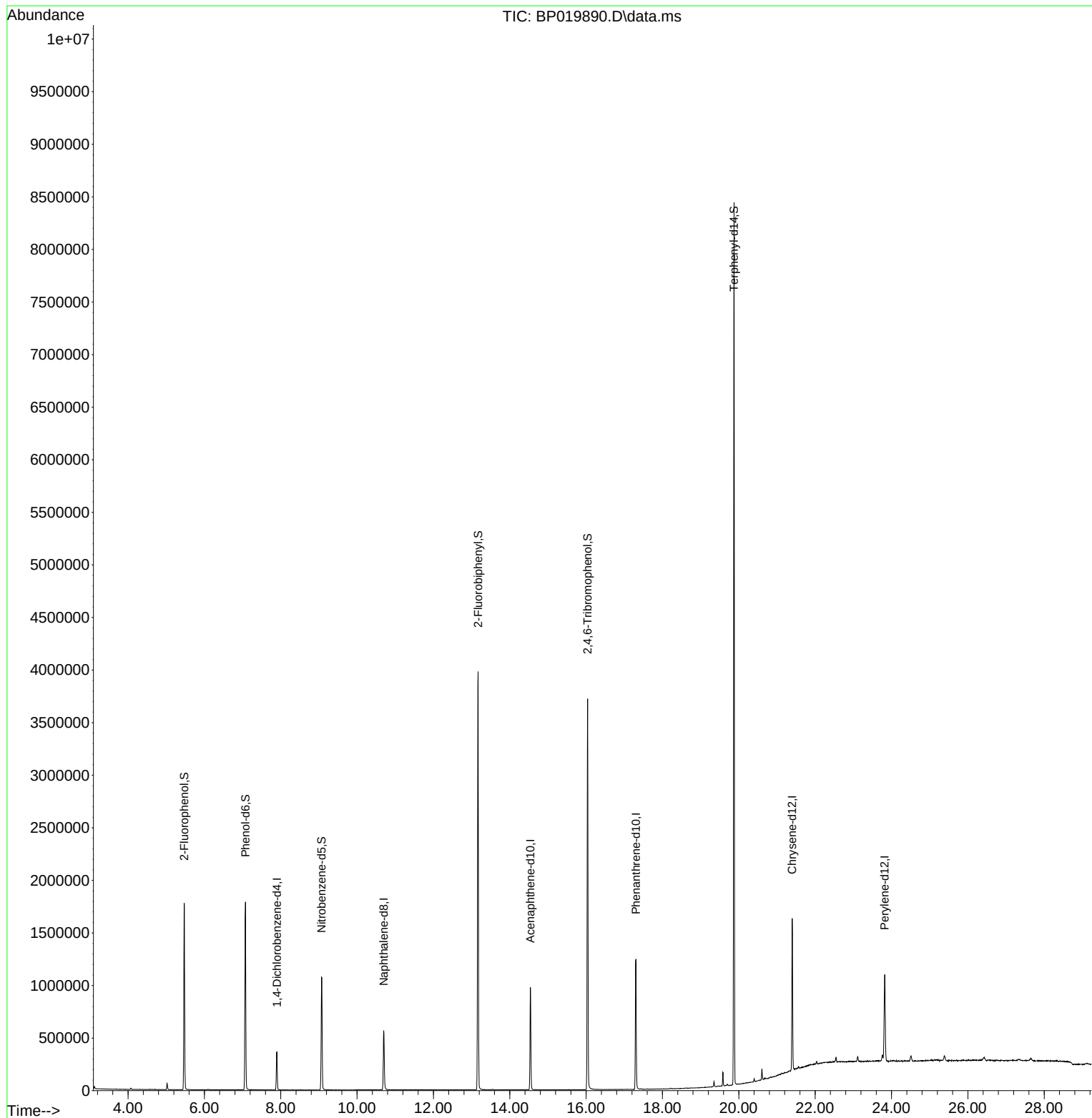
Target Compounds	Qvalue

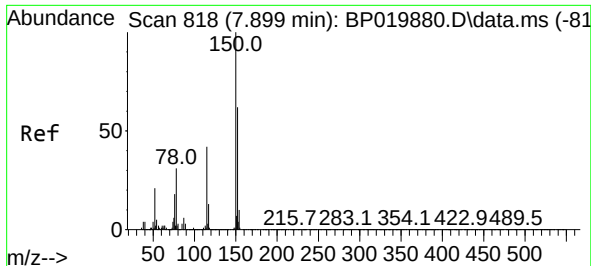
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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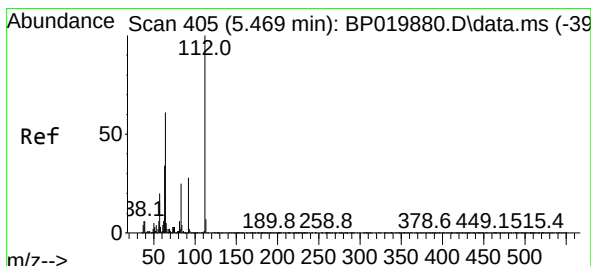
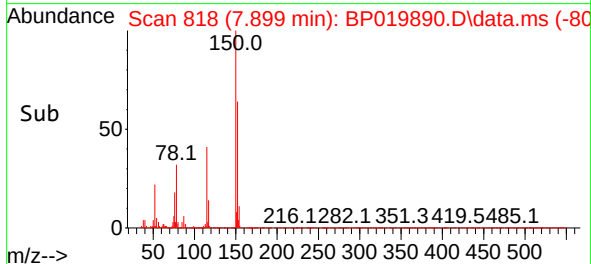
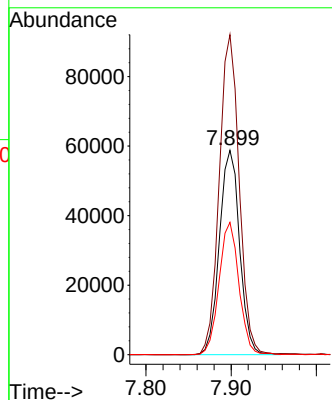
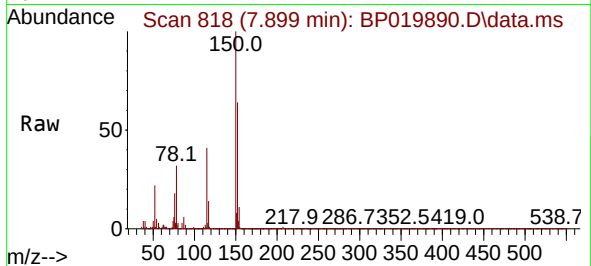




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

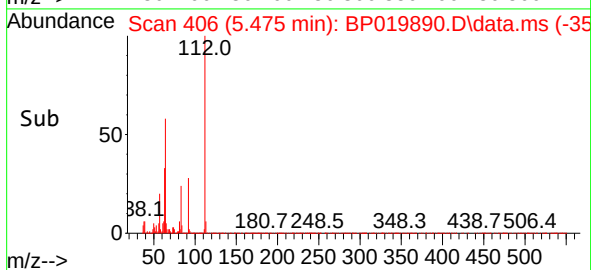
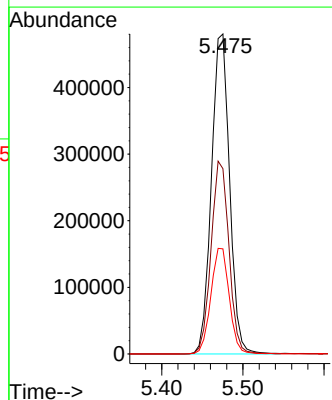
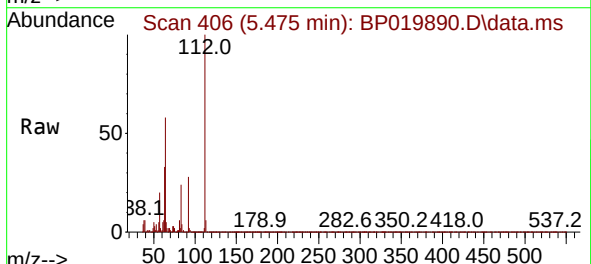
Instrument :
BNA_P
ClientSampleId :
PB159140BL

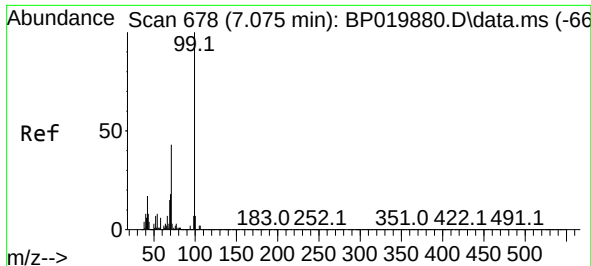
Tgt Ion:152 Resp: 97021
Ion Ratio Lower Upper
152 100
150 156.6 128.6 192.8
115 64.8 53.4 80.2



#5
2-Fluorophenol
Concen: 126.110 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

Tgt Ion:112 Resp: 745432
Ion Ratio Lower Upper
112 100
64 57.9 49.0 73.6
63 32.9 27.6 41.4

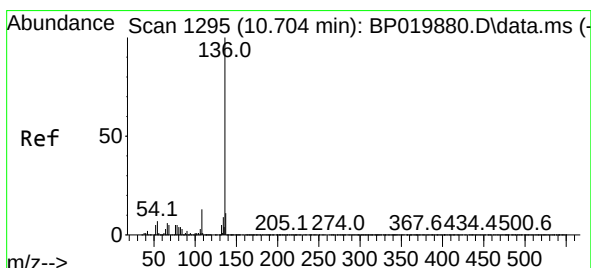
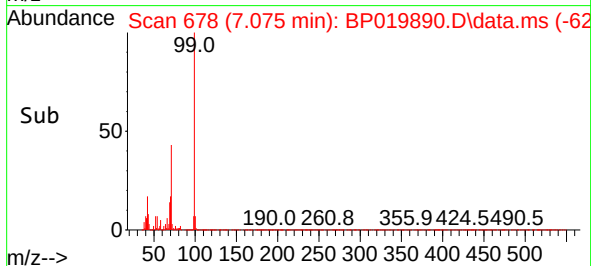
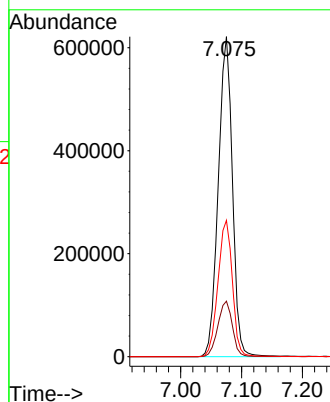
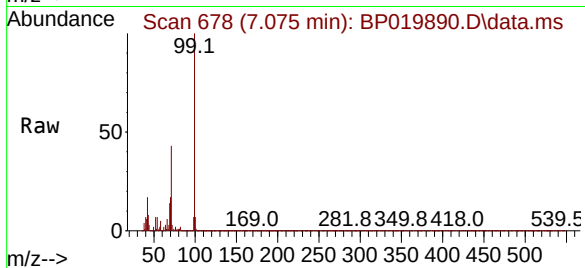




#7
Phenol-d6
Concen: 113.538 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

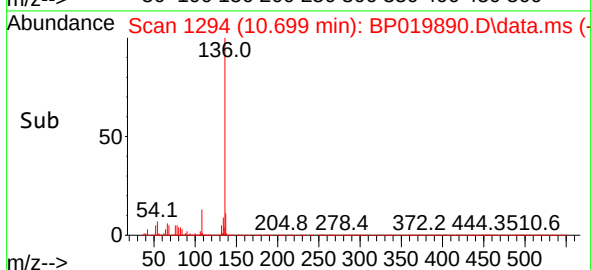
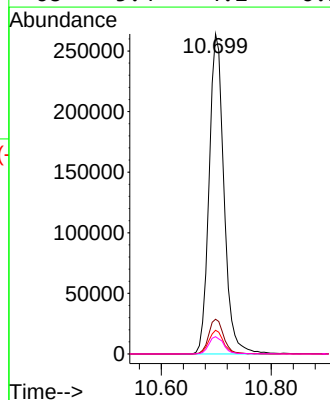
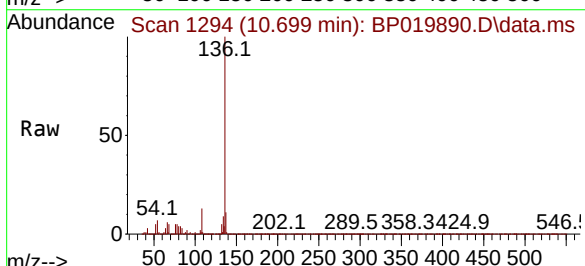
Instrument :
BNA_P
ClientSampleId :
PB159140BL

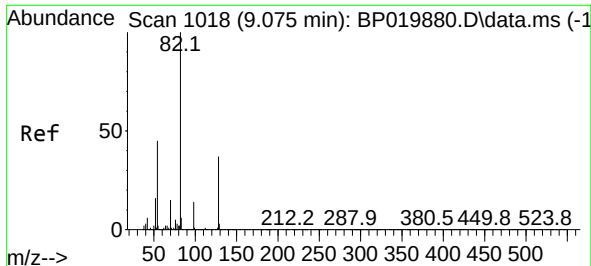
Tgt Ion: 99 Resp: 999203
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 42.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

Tgt Ion:136 Resp: 495993
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.4 6.0 9.0
68 5.4 4.2 6.2

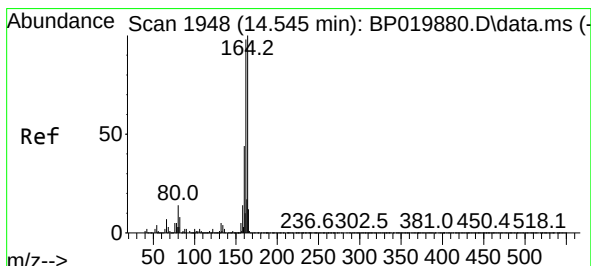
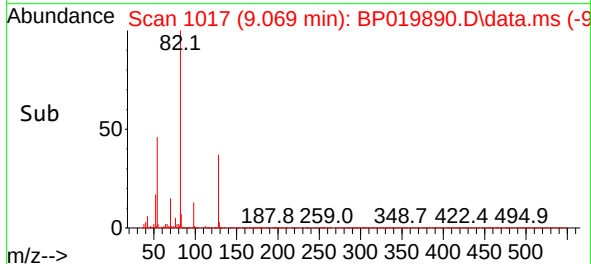
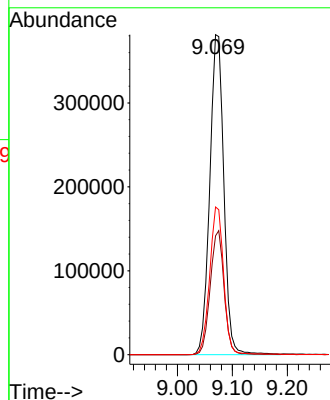
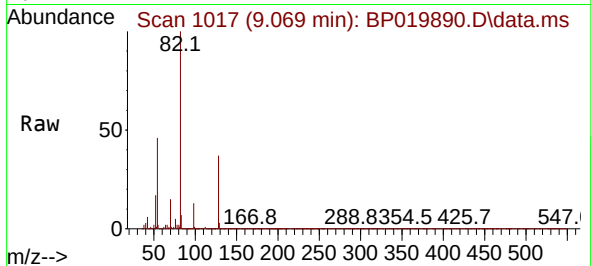




#23
Nitrobenzene-d5
Concen: 55.209 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

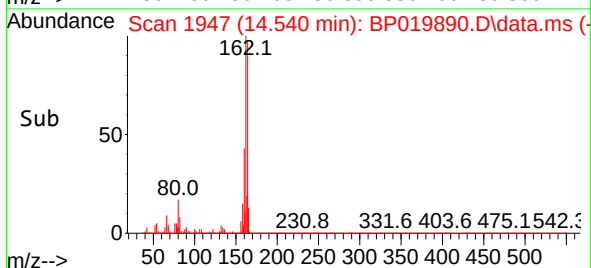
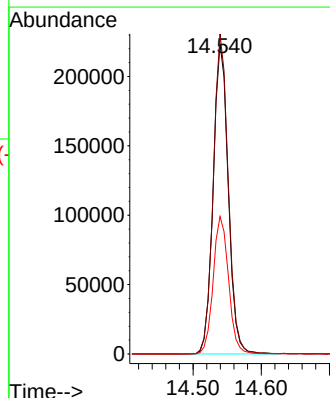
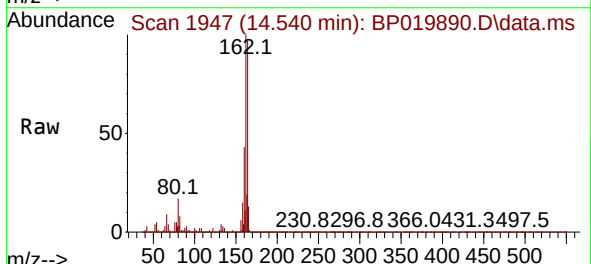
Instrument :
BNA_P
ClientSampleId :
PB159140BL

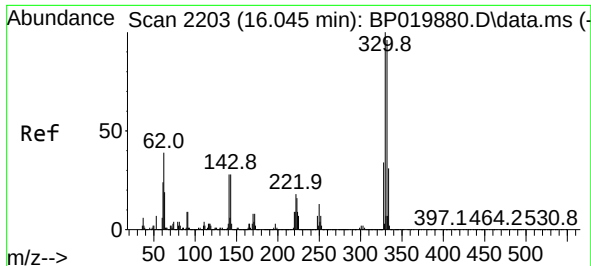
Tgt Ion: 82 Resp: 678280
Ion Ratio Lower Upper
82 100
128 37.2 29.6 44.4
54 46.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

Tgt Ion: 164 Resp: 343902
Ion Ratio Lower Upper
164 100
162 103.1 78.1 117.1
160 44.3 35.3 52.9

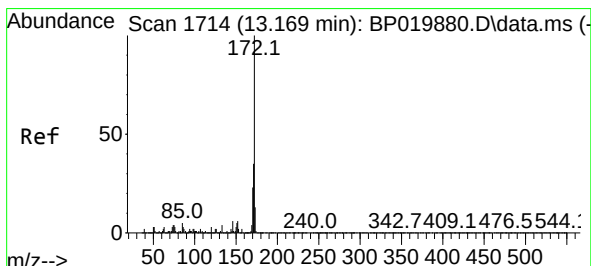
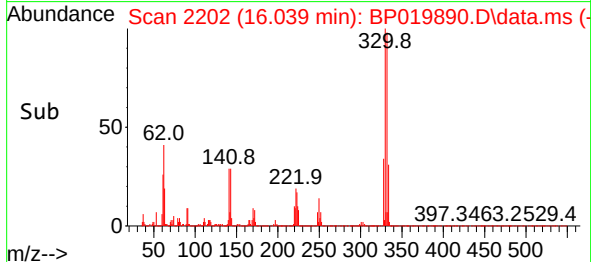
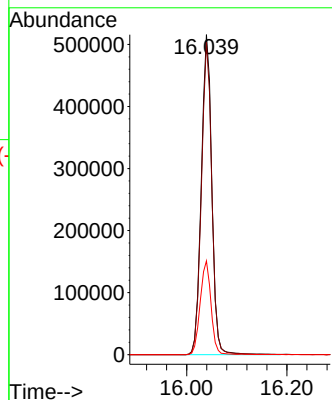
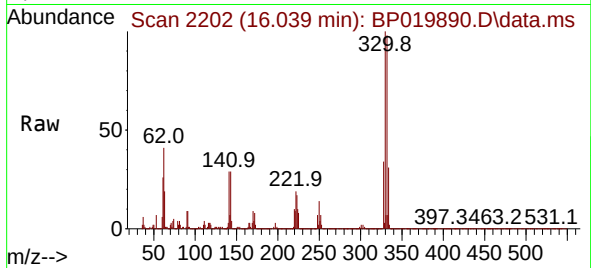




#42
2,4,6-Tribromophenol
Concen: 127.047 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

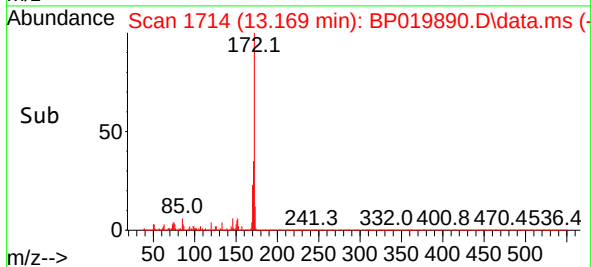
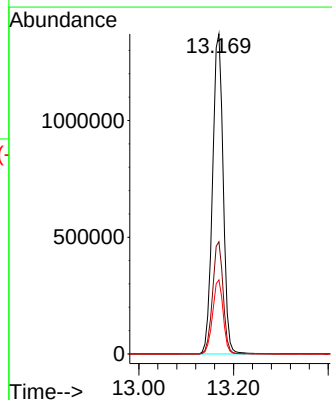
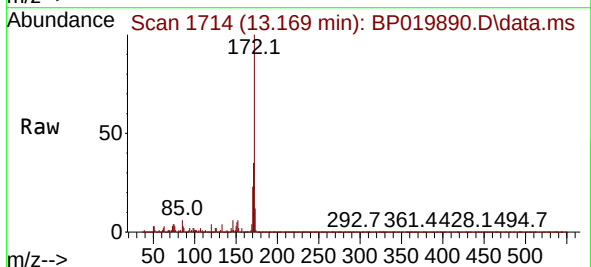
Instrument :
BNA_P
ClientSampleId :
PB159140BL

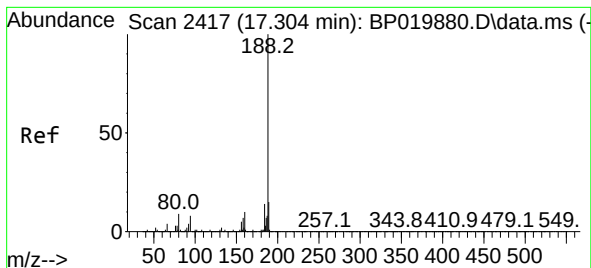
Tgt Ion:330 Resp: 749165
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 30.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 83.987 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019890.D
Acq: 27 Feb 2024 11:20

Tgt Ion:172 Resp: 2137750
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.1 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: BP019890.D

Acq: 27 Feb 2024 11:20

Instrument :

BNA_P

ClientSampleId :

PB159140BL

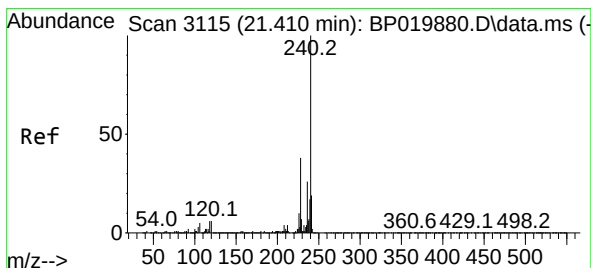
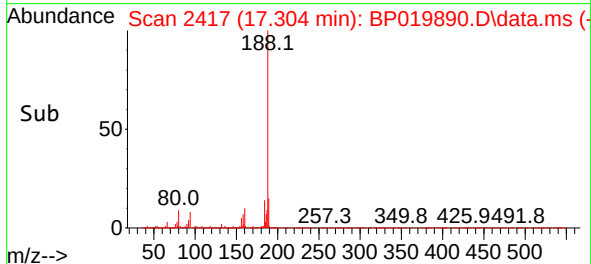
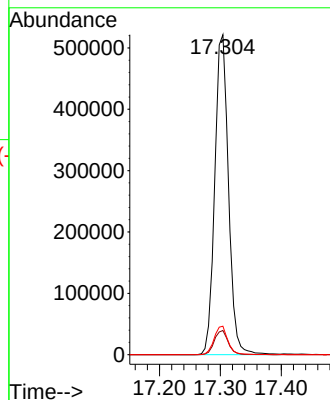
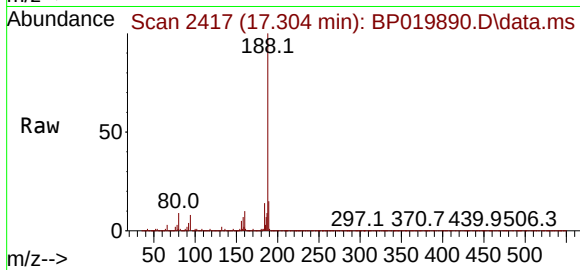
Tgt Ion:188 Resp: 818701

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 8.9 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: BP019890.D

Acq: 27 Feb 2024 11:20

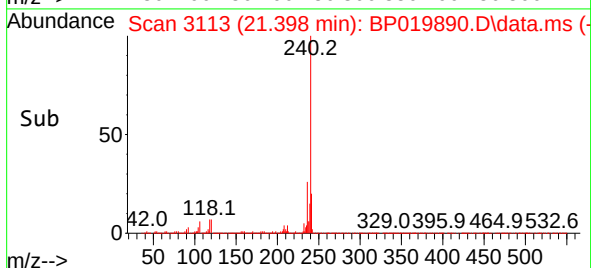
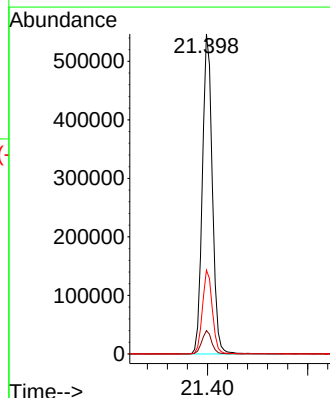
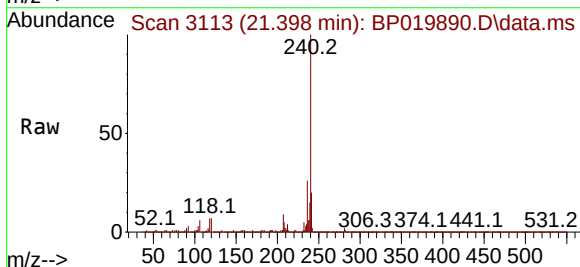
Tgt Ion:240 Resp: 752933

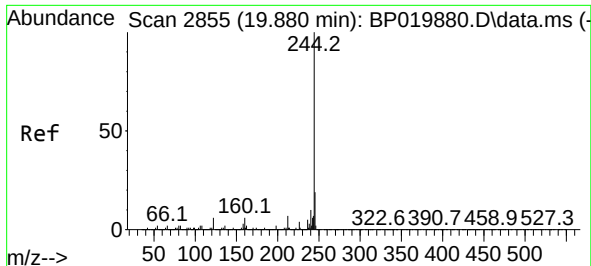
Ion Ratio Lower Upper

240 100

120 7.3 5.1 7.7

236 26.2 20.5 30.7

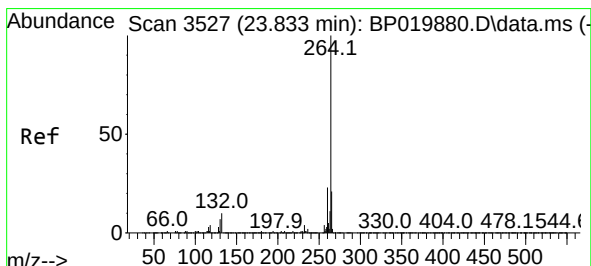
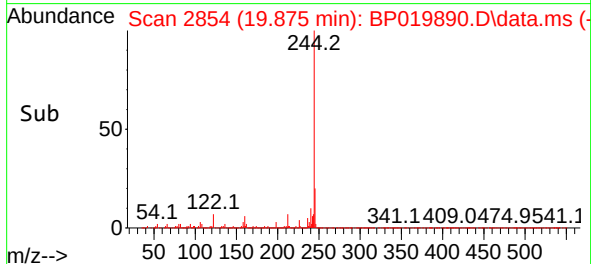
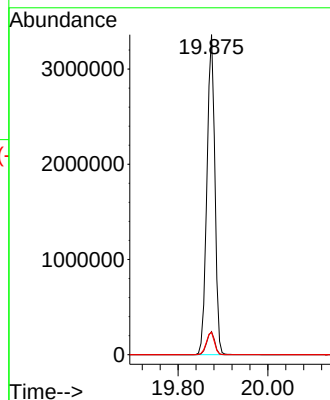
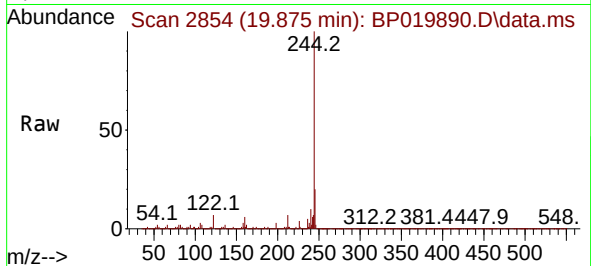




#79
 Terphenyl-d14
 Concen: 86.109 ng
 RT: 19.875 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BP019890.D
 Acq: 27 Feb 2024 11:20

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BL

Tgt Ion:244 Resp: 4113480
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 6.9 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: BP019890.D
 Acq: 27 Feb 2024 11:20

Tgt Ion:264 Resp: 715651
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 22.0 17.4 26.2

