

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019839.D
 Acq On : 23 Feb 2024 12:38
 Operator : MA/JU
 Sample : PB159196BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159196BL

Quant Time: Feb 23 13:13:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	94142	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	299711	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	179651	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	434776	20.000	ng	0.00
76) Chrysene-d12	21.421	240	468242	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	556518	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	566226	96.951	ng	0.00
7) Phenol-d6	7.081	99	734262	93.240	ng	0.00
23) Nitrobenzene-d5	9.075	82	600460	86.813	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	411005	156.691	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1125837	77.472	ng	0.00
79) Terphenyl-d14	19.886	244	2445410	85.887	ng	0.00

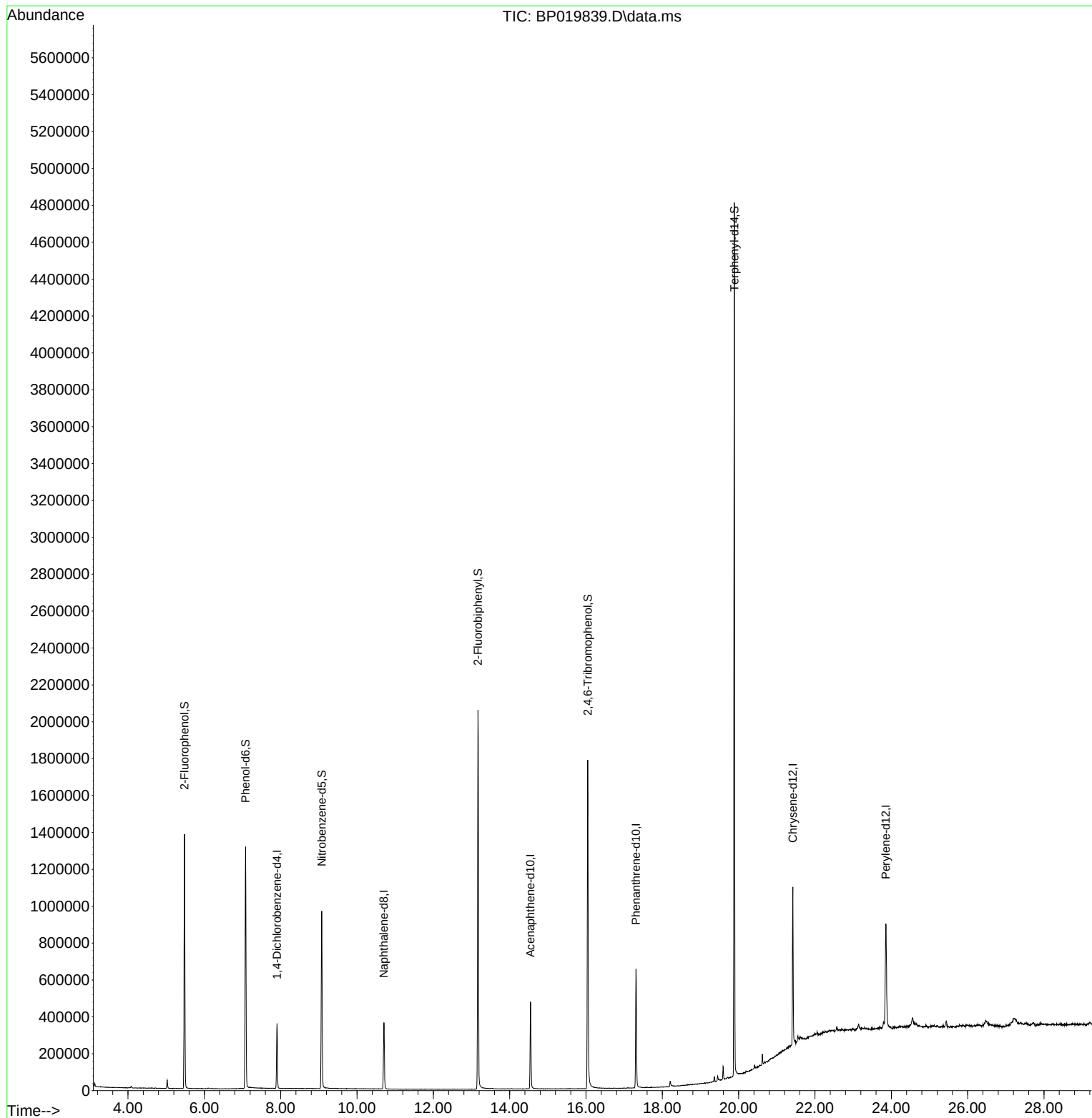
Target Compounds	Qvalue

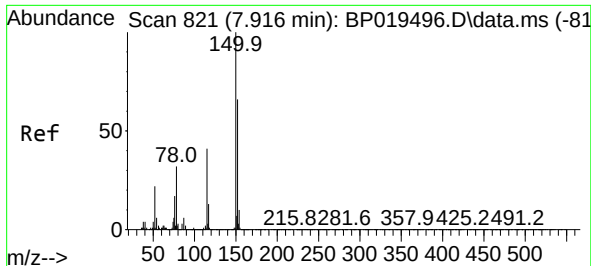
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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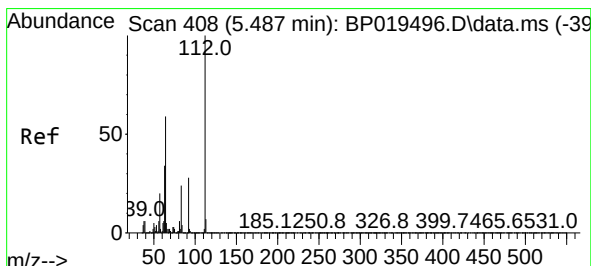
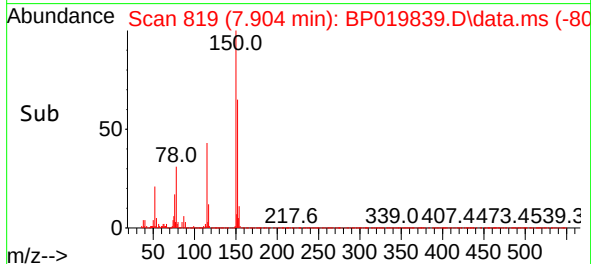
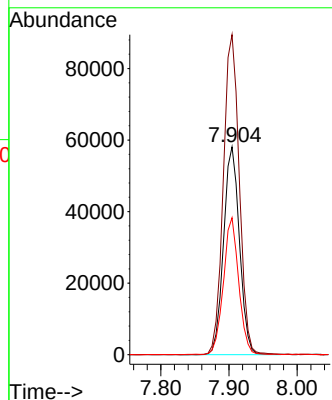
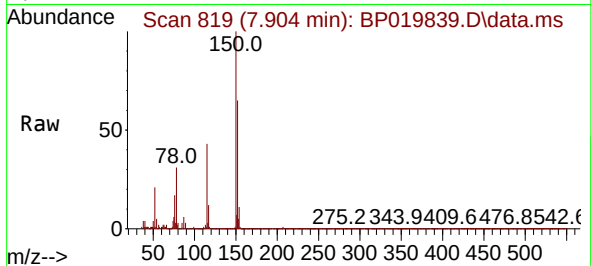




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

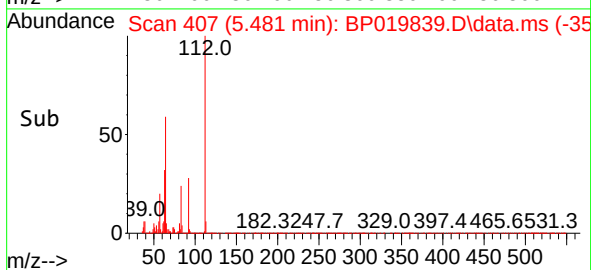
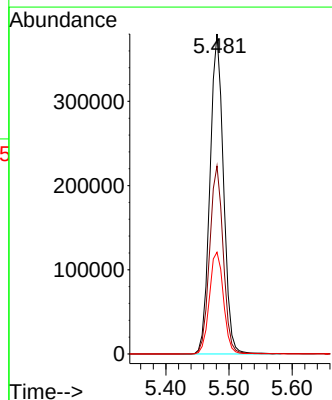
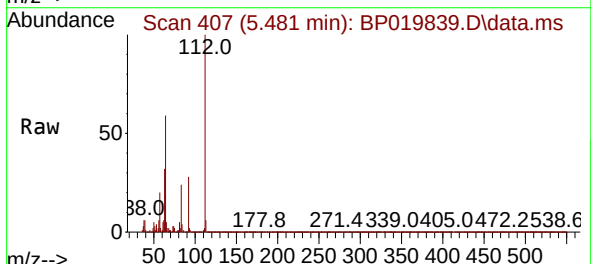
Instrument :
BNA_P
ClientSampleId :
PB159196BL

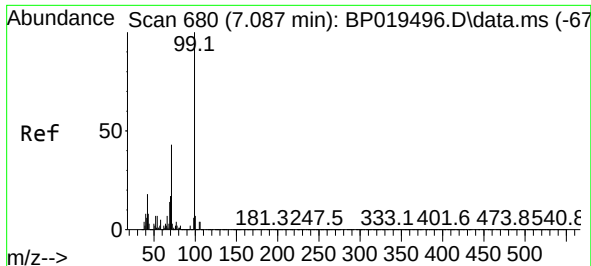
Tgt Ion:152 Resp: 94142
Ion Ratio Lower Upper
152 100
150 153.9 121.8 182.8
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 96.951 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

Tgt Ion:112 Resp: 566226
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 31.8 27.0 40.6

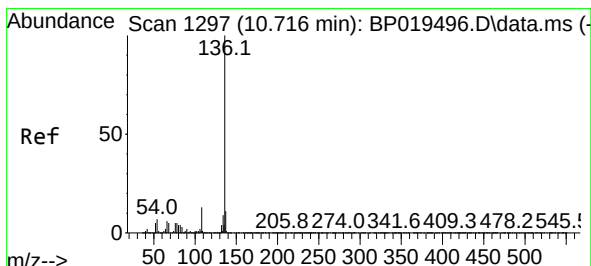
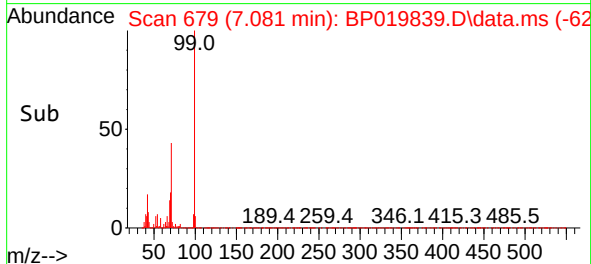
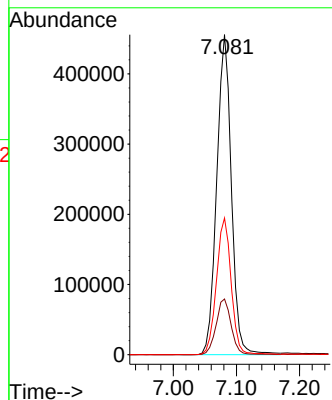
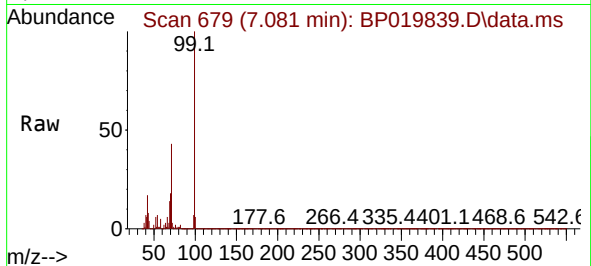




#7
Phenol-d6
Concen: 93.240 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

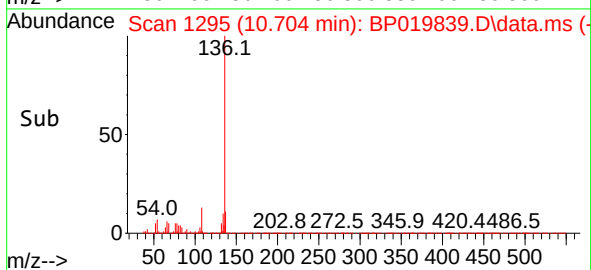
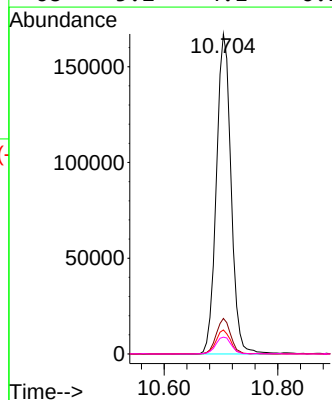
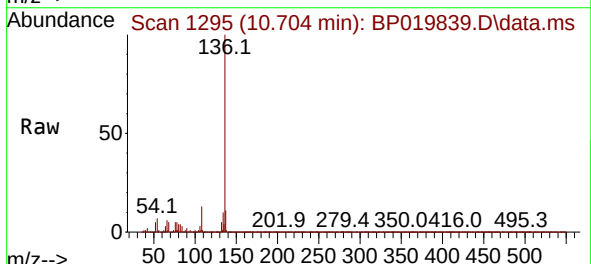
Instrument :
BNA_P
ClientSampleId :
PB159196BL

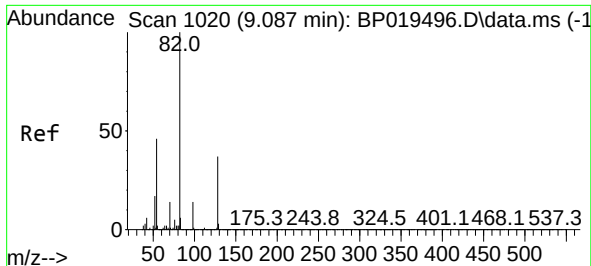
Tgt Ion: 99 Resp: 734262
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

Tgt Ion:136 Resp: 299711
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.3 7.9
68 5.2 4.1 6.1

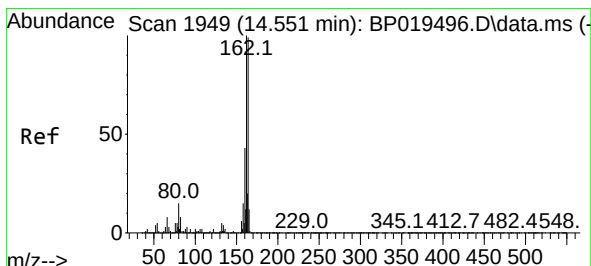
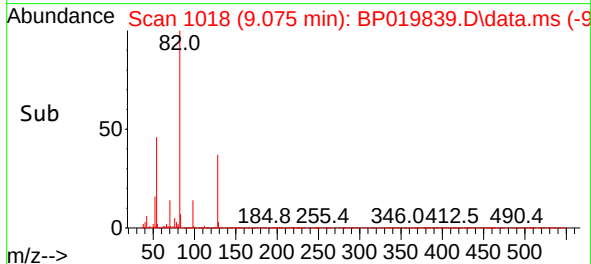
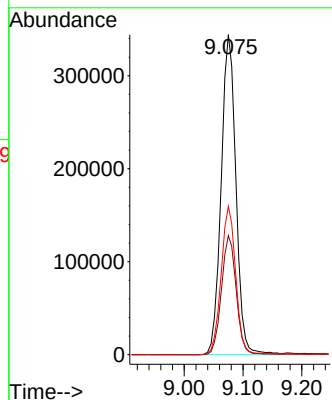
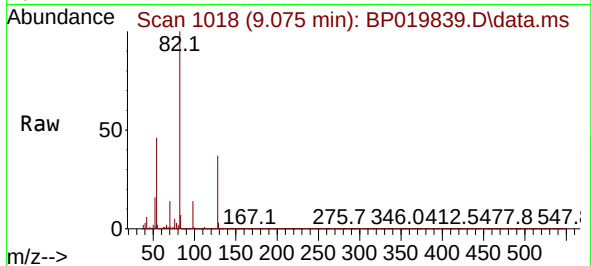




#23
Nitrobenzene-d5
Concen: 86.813 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

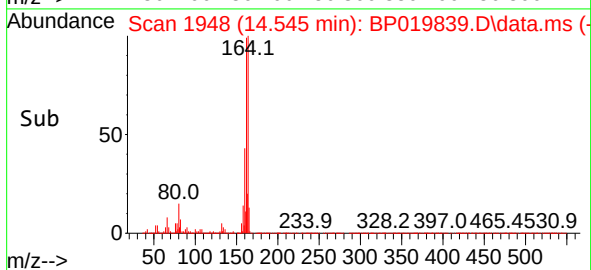
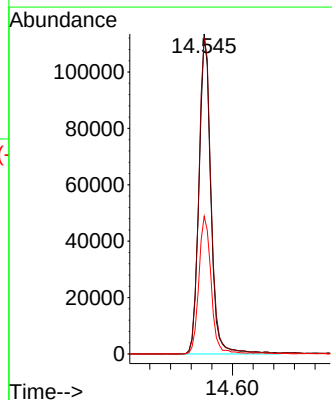
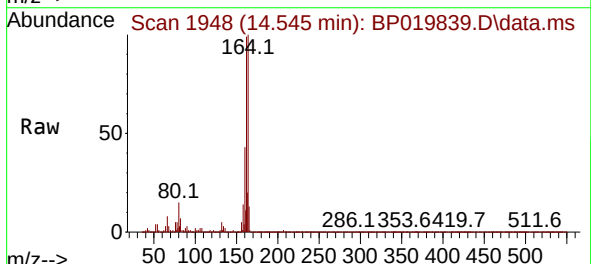
Instrument :
BNA_P
ClientSampleId :
PB159196BL

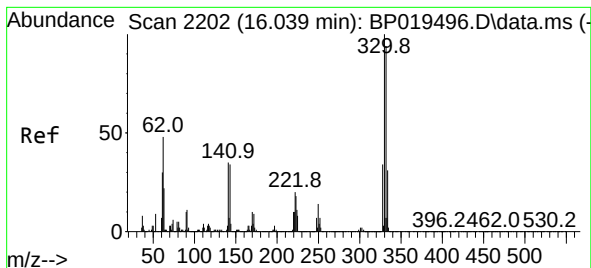
Tgt Ion: 82 Resp: 600460
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 46.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

Tgt Ion: 164 Resp: 179651
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 43.1 35.1 52.7

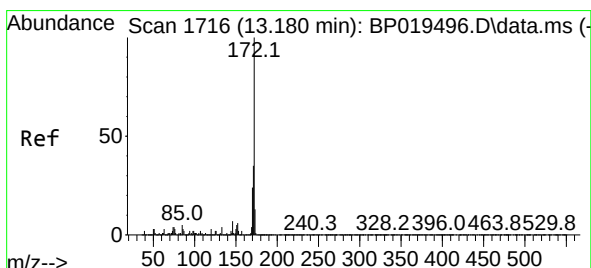
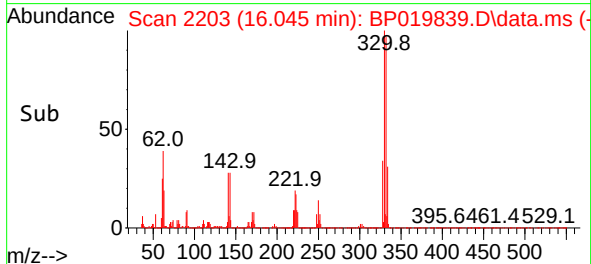
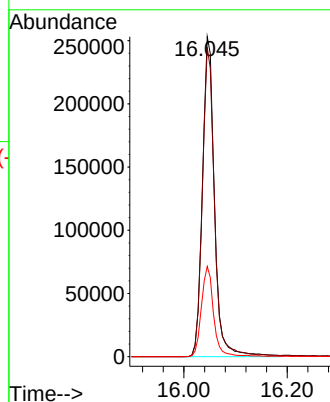
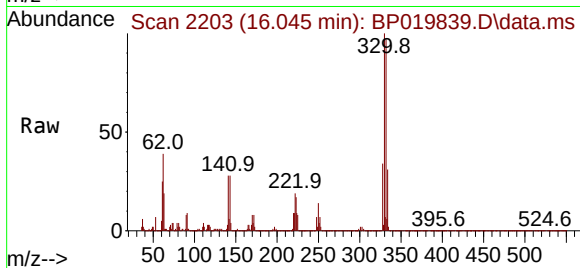




#42
2,4,6-Tribromophenol
Concen: 156.691 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

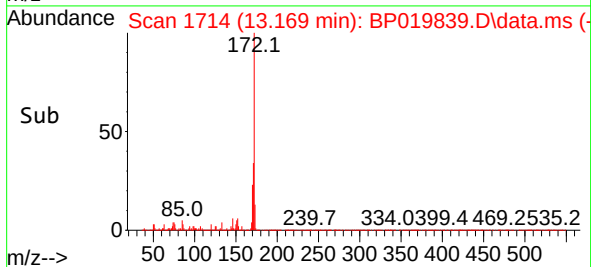
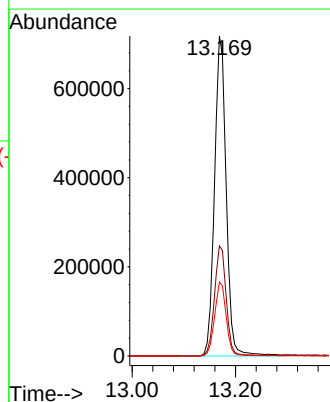
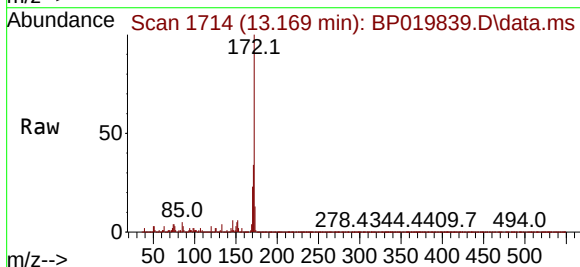
Instrument :
BNA_P
ClientSampleId :
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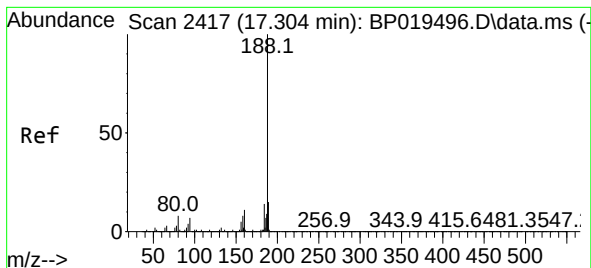
Tgt Ion:330 Resp: 411005
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 28.6 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 77.472 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019839.D
Acq: 23 Feb 2024 12:38

Tgt Ion:172 Resp: 1125837
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.4
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019839.D

Acq: 23 Feb 2024 12:38

Instrument :

BNA_P

ClientSampleId :

PB159196BL

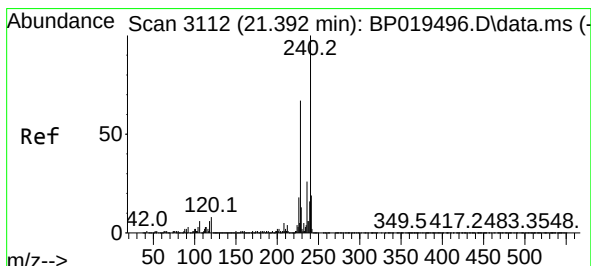
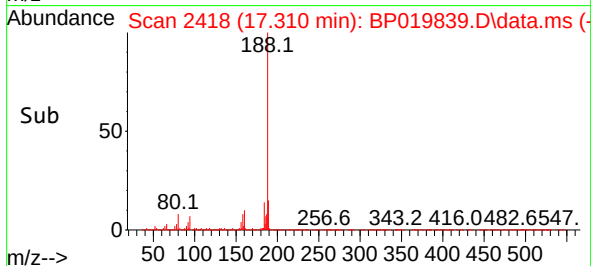
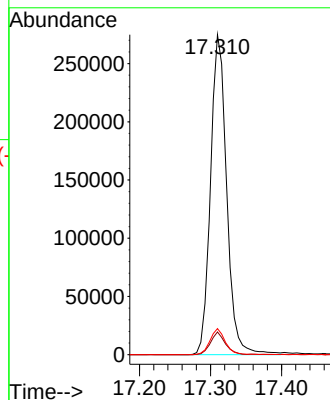
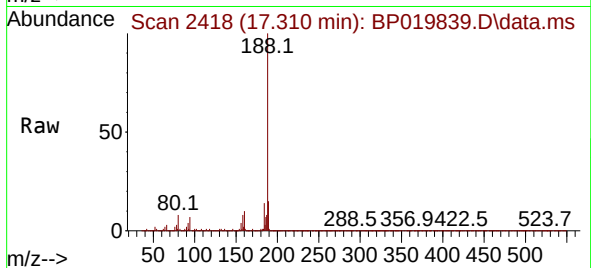
Tgt Ion:188 Resp: 434776

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.1 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP019839.D

Acq: 23 Feb 2024 12:38

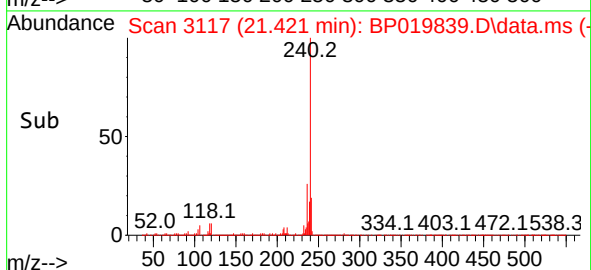
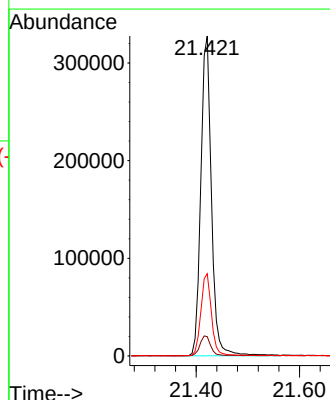
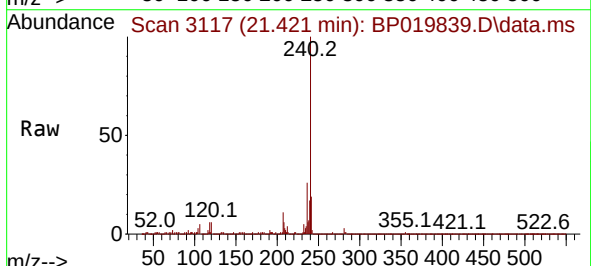
Tgt Ion:240 Resp: 468242

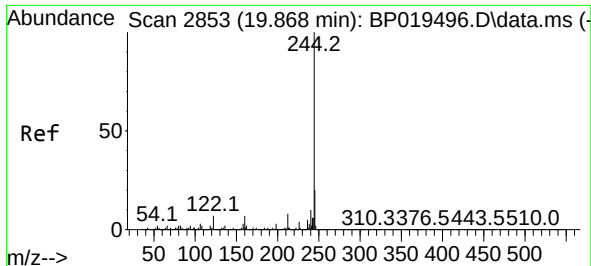
Ion Ratio Lower Upper

240 100

120 6.0 6.1 9.1#

236 25.7 20.7 31.1

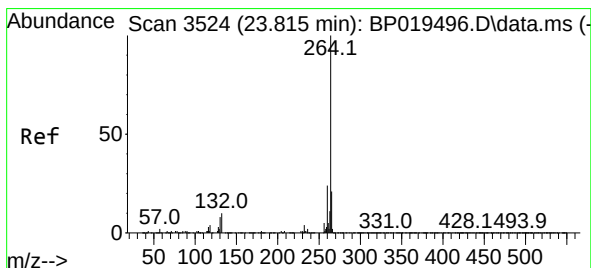
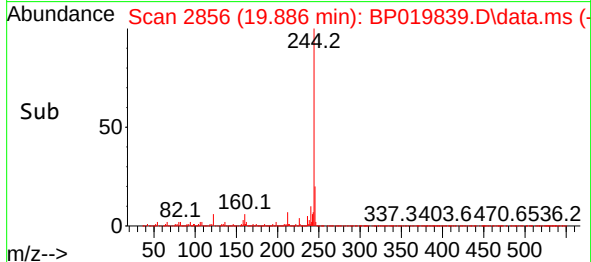
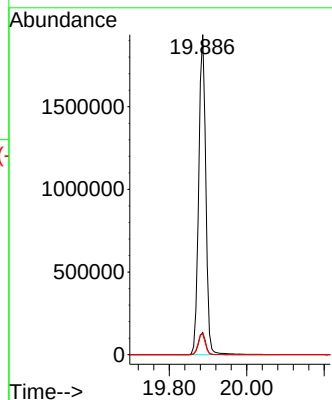
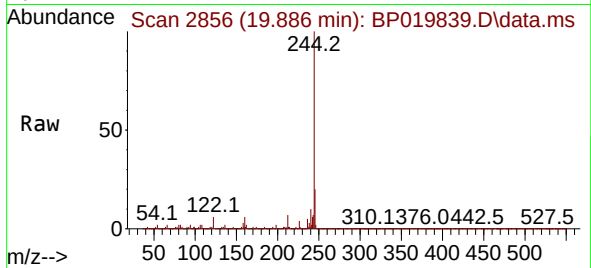




#79
 Terphenyl-d14
 Concen: 85.887 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019839.D
 Acq: 23 Feb 2024 12:38

Instrument :
 BNA_P
 ClientSampleId :
 PB159196BL

Tgt Ion:244 Resp: 2445410
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.4 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.857 min Scan# 3531
 Delta R.T. -0.012 min
 Lab File: BP019839.D
 Acq: 23 Feb 2024 12:38

Tgt Ion:264 Resp: 556518
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.0 17.0 25.4

