

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019851.D
 Acq On : 23 Feb 2024 19:29
 Operator : MA/JU
 Sample : P1537-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 15

Quant Time: Feb 24 00:03:16 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	91987	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	322484	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	211260	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	459573	20.000	ng	0.00
76) Chrysene-d12	21.416	240	465697	20.000	ng	-0.01
86) Perylene-d12	23.851	264	548738	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	585722	102.638	ng	0.00
7) Phenol-d6	7.081	99	730268	94.906	ng	0.00
23) Nitrobenzene-d5	9.075	82	519230	69.768	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	416116	134.903	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1105236	64.675	ng	0.00
79) Terphenyl-d14	19.880	244	1960864	69.245	ng	-0.01

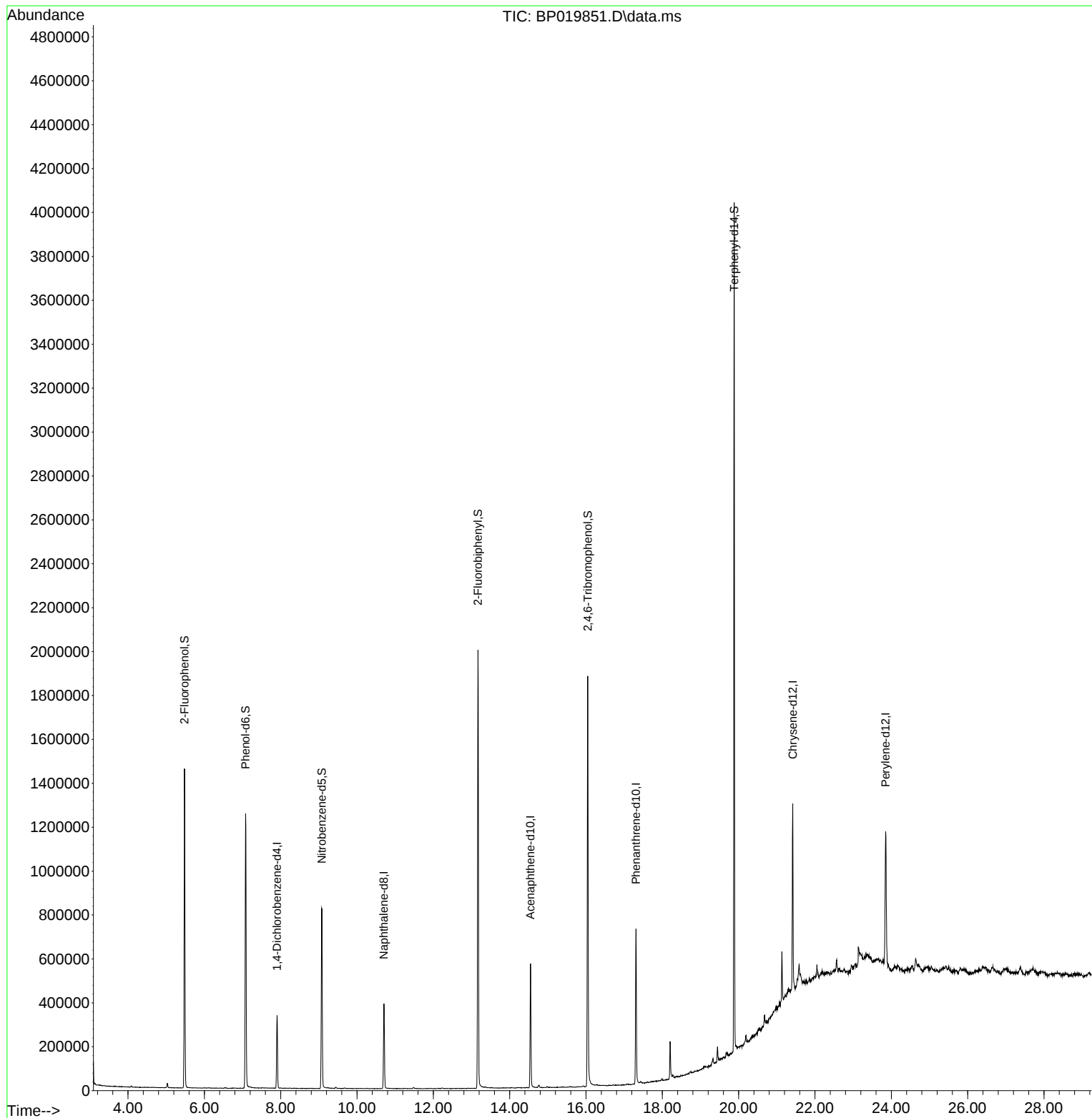
Target Compounds	Qvalue

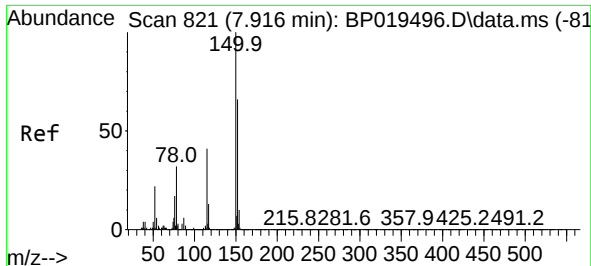
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 24 00:03:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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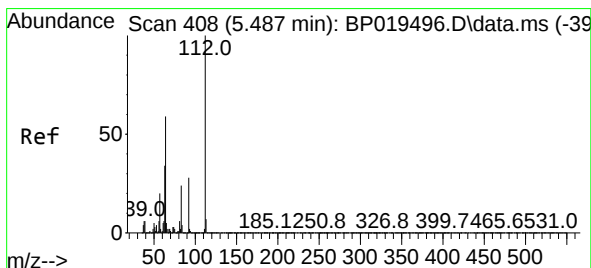
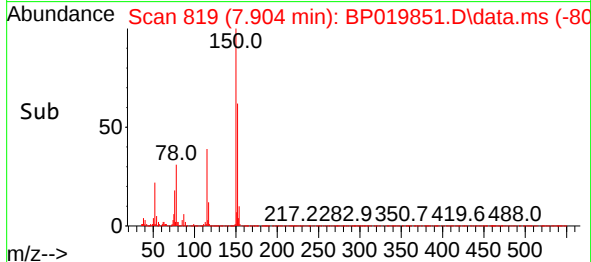
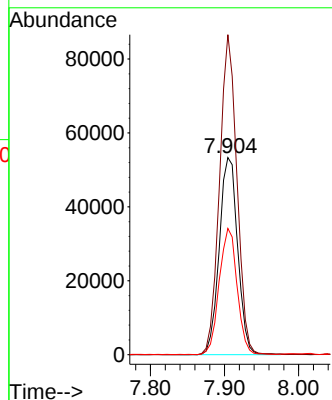
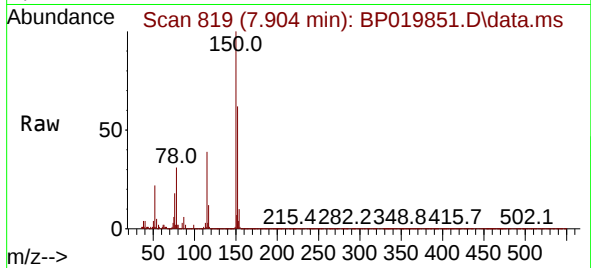




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019851.D
Acq: 23 Feb 2024 19:29

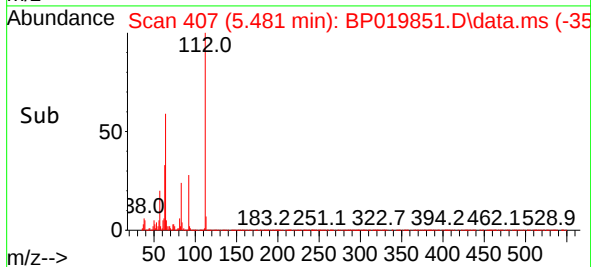
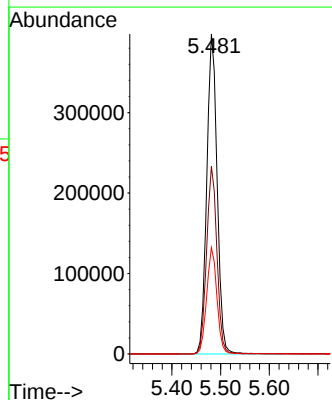
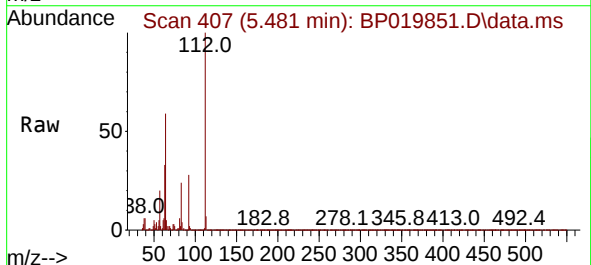
Instrument :
BNA_P
ClientSampleId :
15

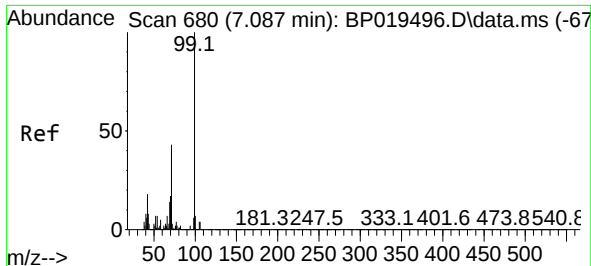
Tgt Ion:152 Resp: 91987
Ion Ratio Lower Upper
152 100
150 162.3 121.8 182.8
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 102.638 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019851.D
Acq: 23 Feb 2024 19:29

Tgt Ion:112 Resp: 585722
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.2 27.0 40.6

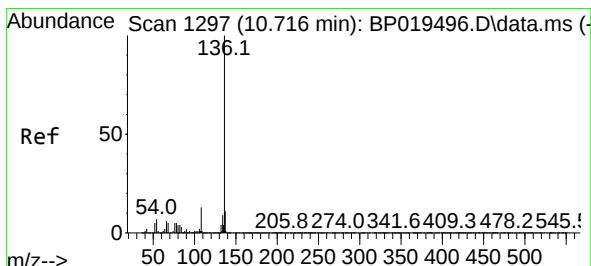
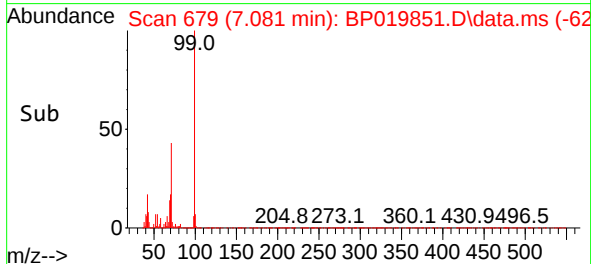
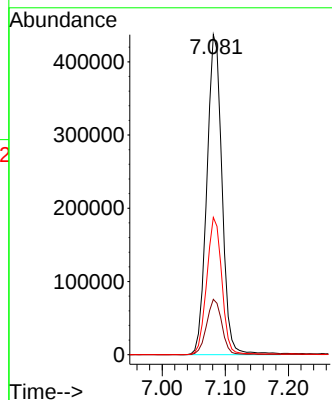
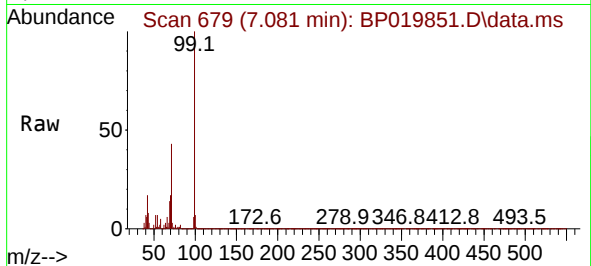




#7
Phenol-d6
Concen: 94.906 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019851.D
Acq: 23 Feb 2024 19:29

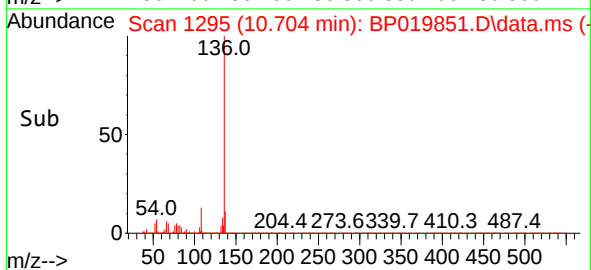
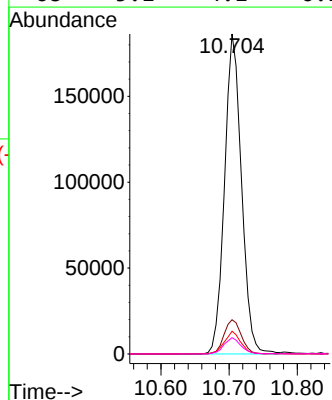
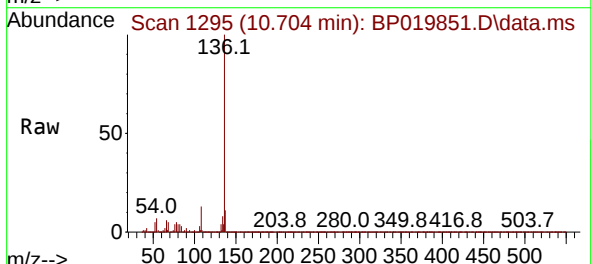
Instrument :
BNA_P
ClientSampleId :
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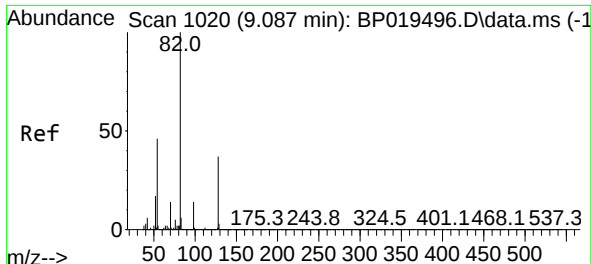
Tgt Ion: 99 Resp: 730268
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019851.D
Acq: 23 Feb 2024 19:29

Tgt Ion: 136 Resp: 322484
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 5.3 7.9
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 69.768 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BP019851.D

Acq: 23 Feb 2024 19:29

Instrument :

BNA_P

ClientSampleId :

15

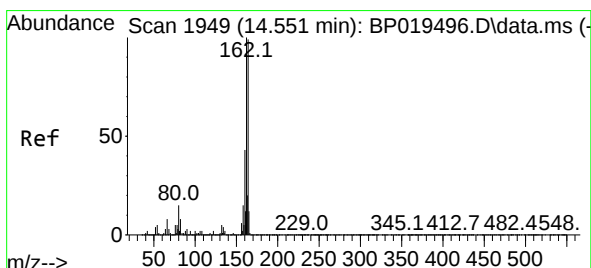
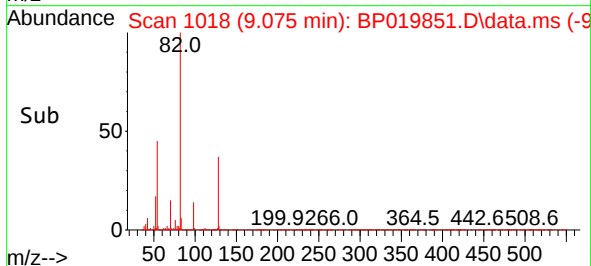
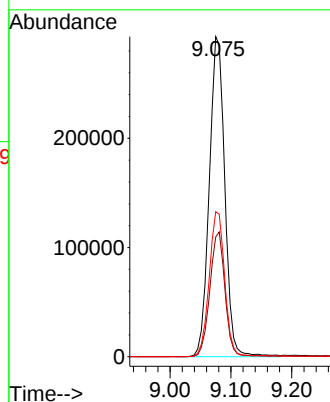
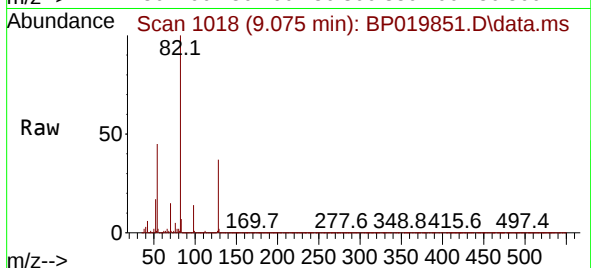
Tgt Ion: 82 Resp: 519230

Ion Ratio Lower Upper

82 100

128 37.4 29.7 44.5

54 45.3 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: BP019851.D

Acq: 23 Feb 2024 19:29

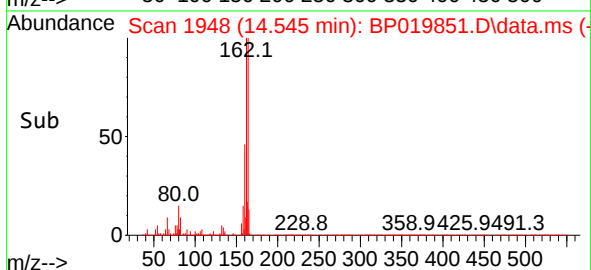
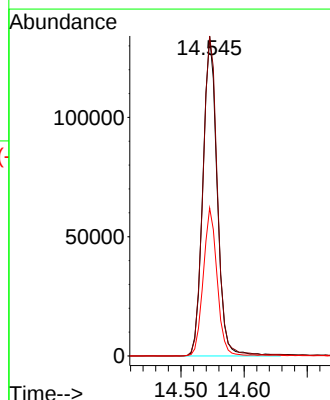
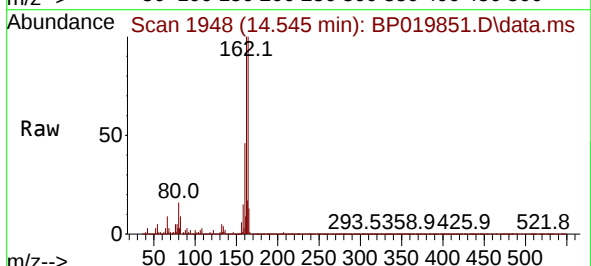
Tgt Ion:164 Resp: 211260

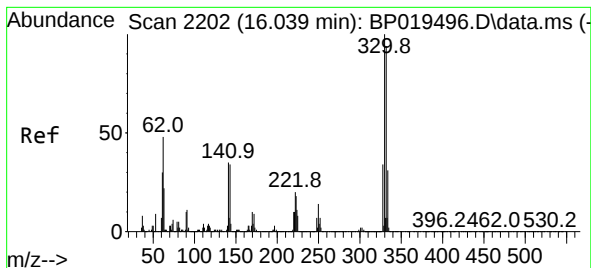
Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 46.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 134.903 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019851.D

Acq: 23 Feb 2024 19:29

Instrument :

BNA_P

ClientSampleId :

15

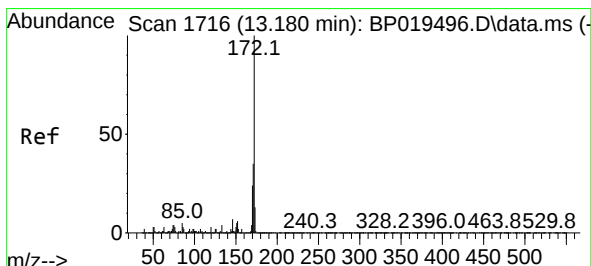
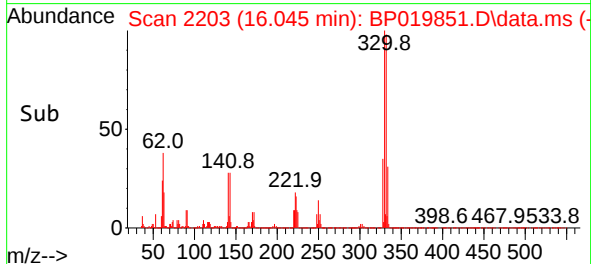
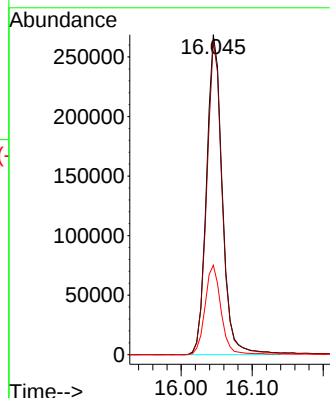
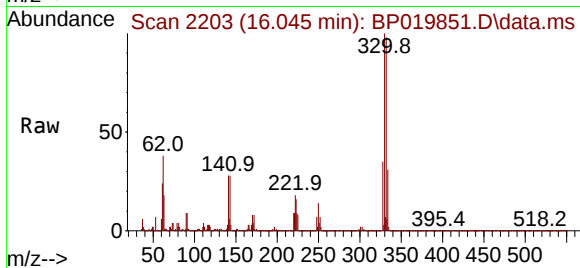
Tgt Ion:330 Resp: 416116

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 64.675 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019851.D

Acq: 23 Feb 2024 19:29

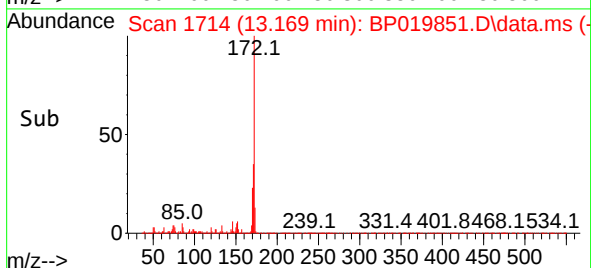
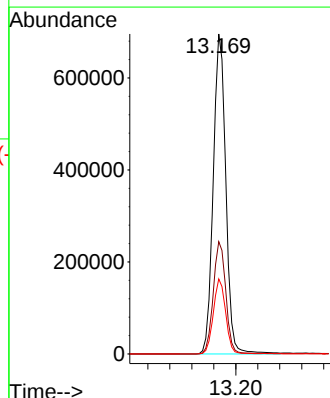
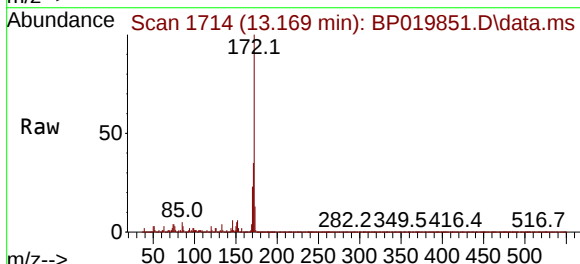
Tgt Ion:172 Resp: 1105236

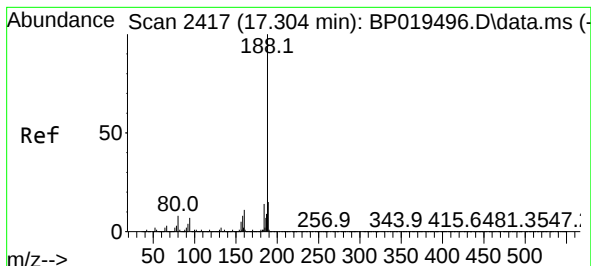
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 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: BP019851.D

Acq: 23 Feb 2024 19:29

Instrument :

BNA_P

ClientSampleId :

15

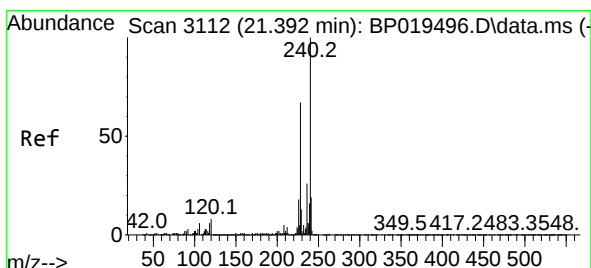
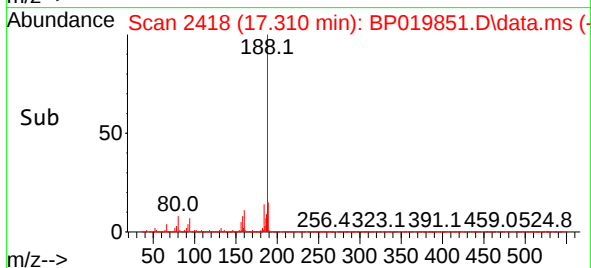
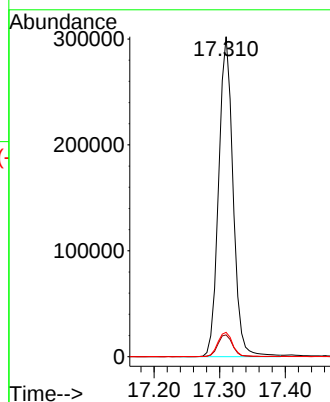
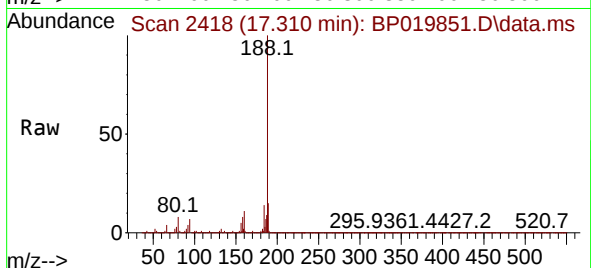
Tgt Ion:188 Resp: 459573

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.6 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019851.D

Acq: 23 Feb 2024 19:29

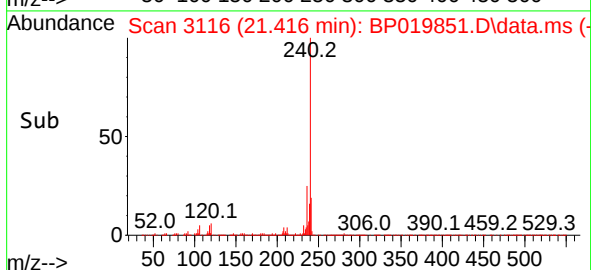
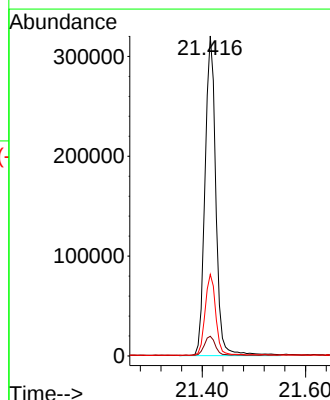
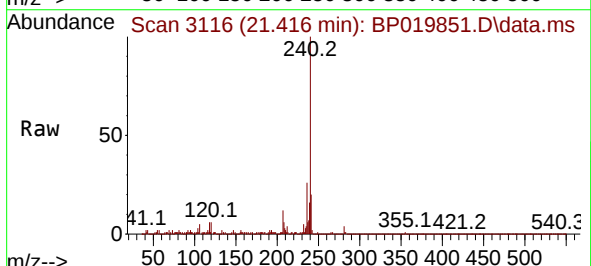
Tgt Ion:240 Resp: 465697

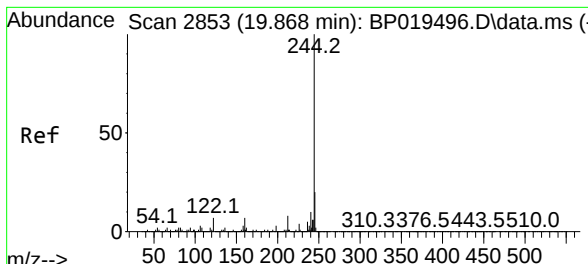
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.5 20.7 31.1



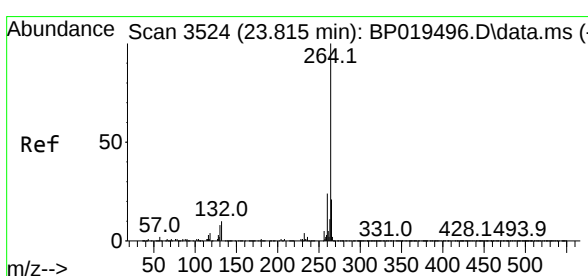
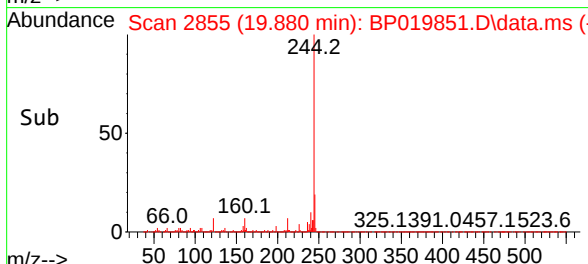
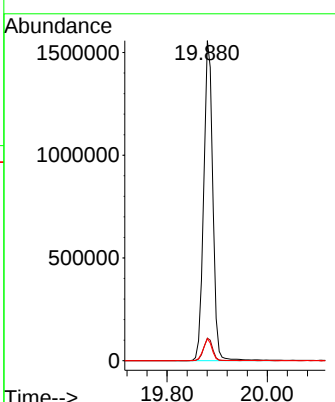
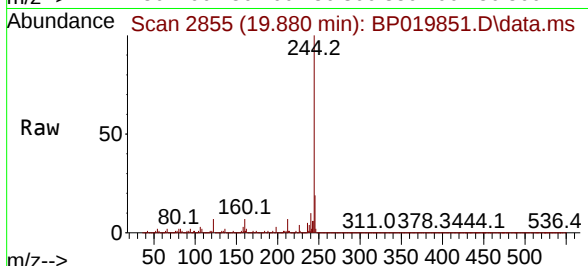


#79
 Terphenyl-d14
 Concen: 69.245 ng
 RT: 19.880 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019851.D
 Acq: 23 Feb 2024 19:29

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 1960864

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.9	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. -0.018 min
 Lab File: BP019851.D
 Acq: 23 Feb 2024 19:29

Tgt Ion:264 Resp: 548738

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.8	17.0	25.4

