

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019506.D
 Acq On : 01 Feb 2024 13:11
 Operator : MA/JU
 Sample : PB158215BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158215BL

Quant Time: Feb 01 13:43:57 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	7.911	152	98983	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	372794	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	238446	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	520741	20.000	ng	0.00
76) Chrysene-d12	21.392	240	436086	20.000	ng	0.00
86) Perylene-d12	23.810	264	499227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	826005	134.514	ng	0.00
7) Phenol-d6	7.087	99	1059758	127.992	ng	0.00
23) Nitrobenzene-d5	9.081	82	716657	83.300	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	484128	139.058	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1610953	83.520	ng	0.00
79) Terphenyl-d14	19.869	244	2468138	93.077	ng	0.00

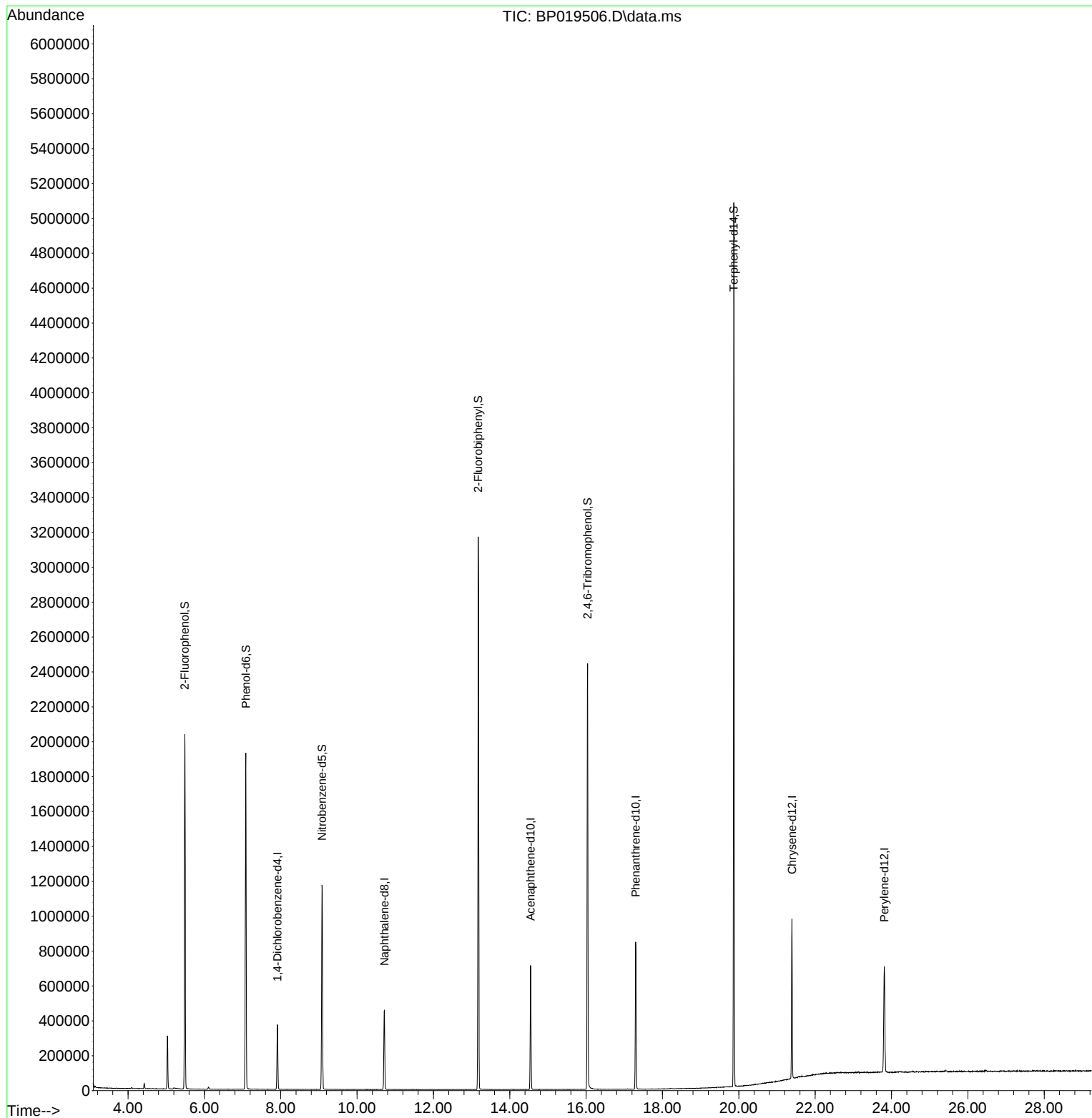
Target Compounds	Qvalue

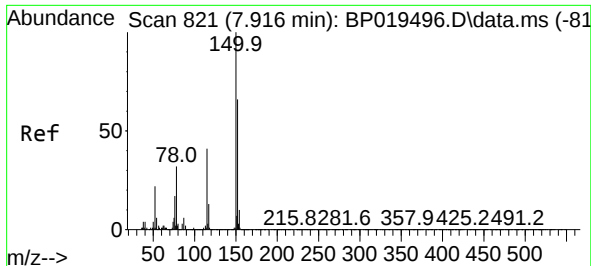
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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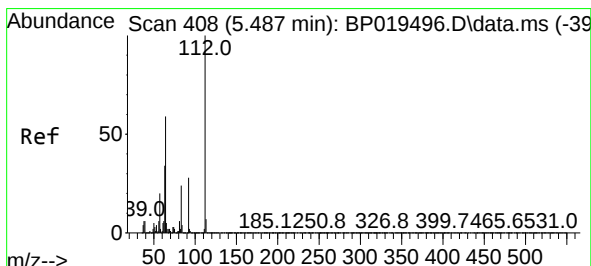
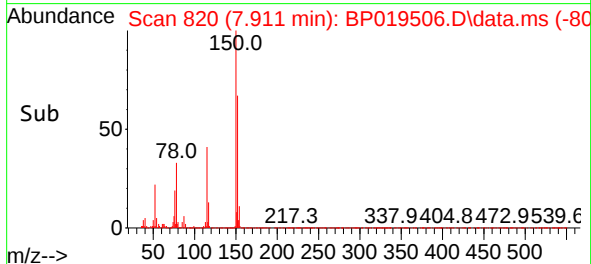
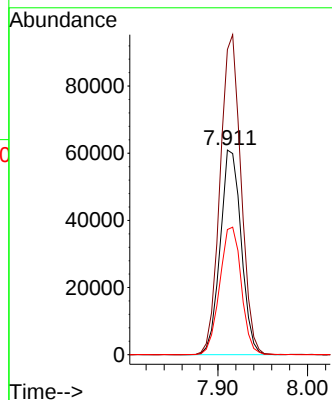
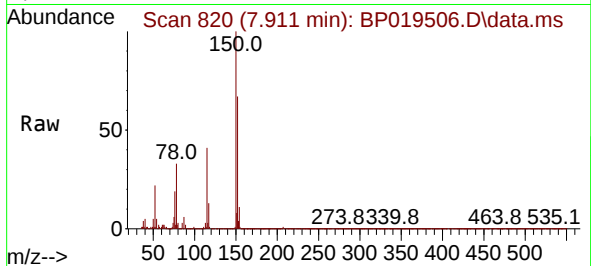




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

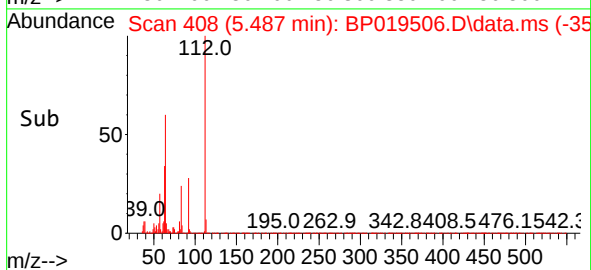
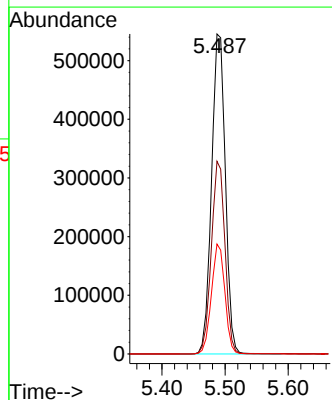
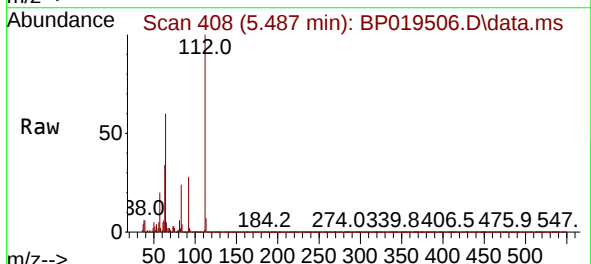
Instrument :
BNA_P
ClientSampleId :
PB158215BL

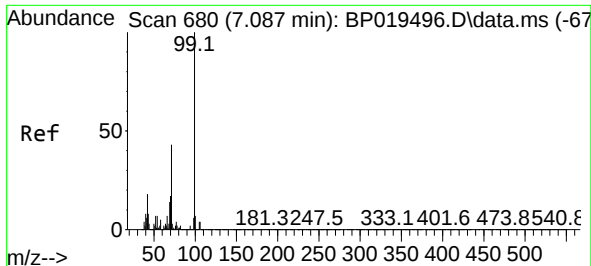
Tgt Ion:152 Resp: 98983
Ion Ratio Lower Upper
152 100
150 149.2 121.8 182.8
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 134.514 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

Tgt Ion:112 Resp: 826005
Ion Ratio Lower Upper
112 100
64 60.2 47.4 71.0
63 34.4 27.0 40.6

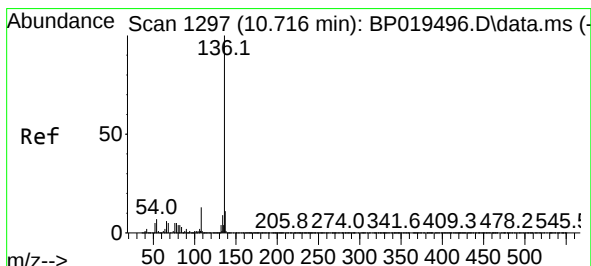
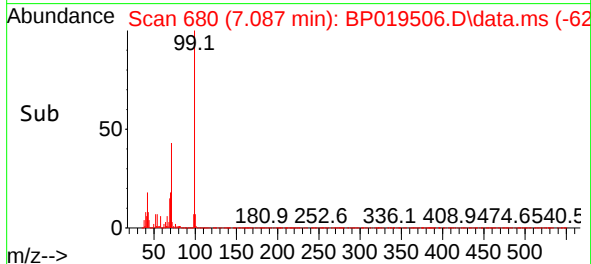
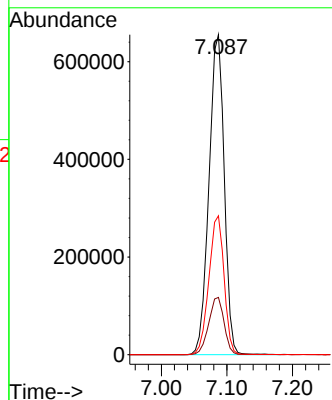
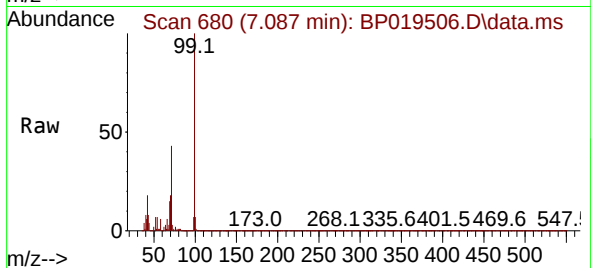




#7
Phenol-d6
Concen: 127.992 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

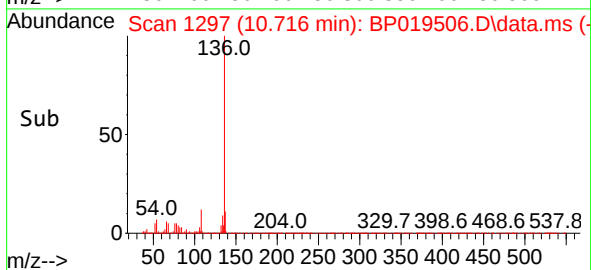
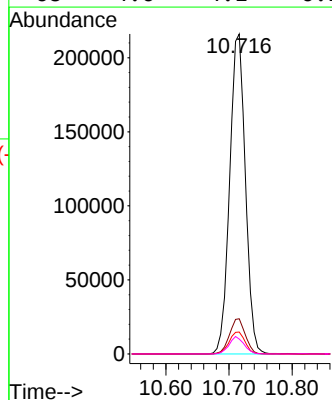
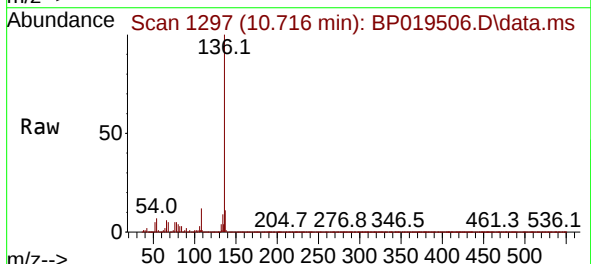
Instrument :
BNA_P
ClientSampleId :
PB158215BL

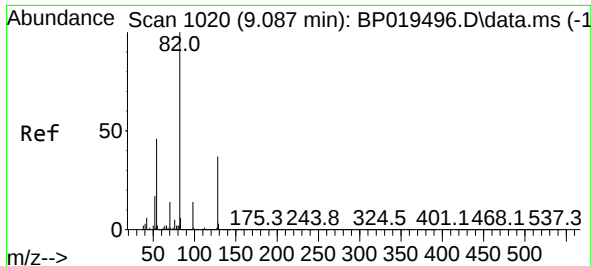
Tgt Ion: 99 Resp: 1059758
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

Tgt Ion: 136 Resp: 372794
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.3 7.9
68 4.6 4.1 6.1

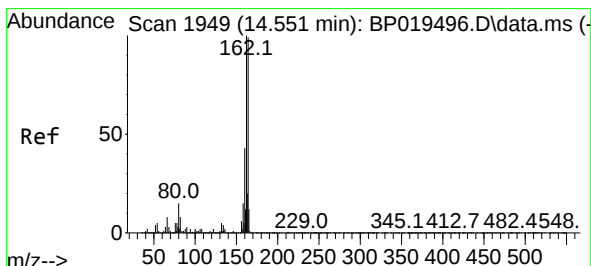
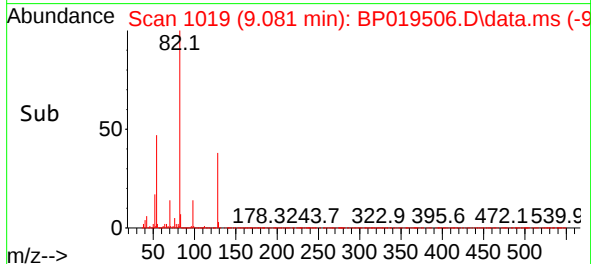
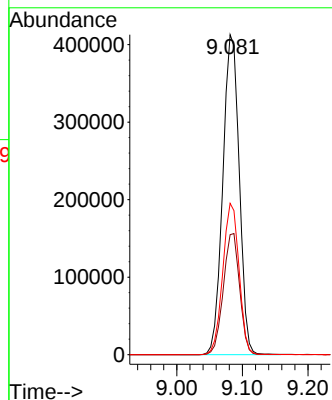
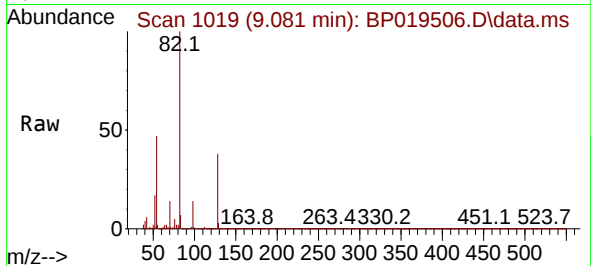




#23
Nitrobenzene-d5
Concen: 83.300 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

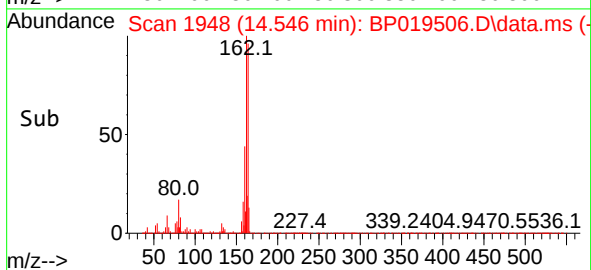
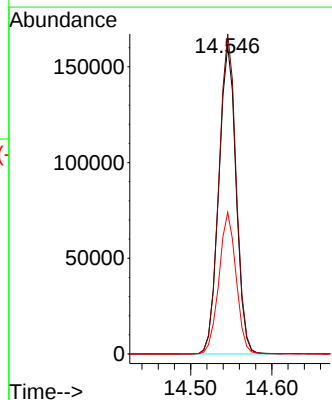
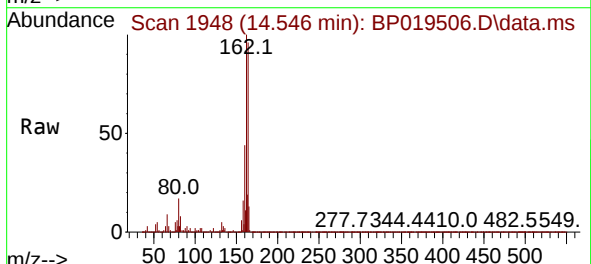
Instrument :
BNA_P
ClientSampleId :
PB158215BL

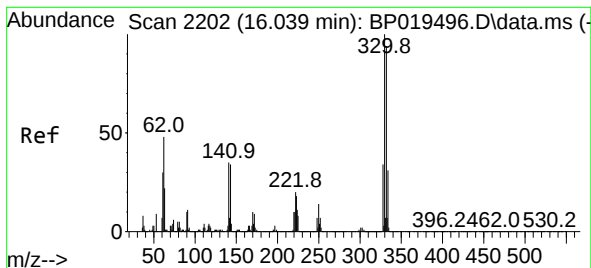
Tgt Ion: 82 Resp: 716657
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 47.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP019506.D
Acq: 01 Feb 2024 13:11

Tgt Ion: 164 Resp: 238446
Ion Ratio Lower Upper
164 100
162 103.9 81.2 121.8
160 46.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 139.058 ng

RT: 16.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019506.D

Acq: 01 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB158215BL

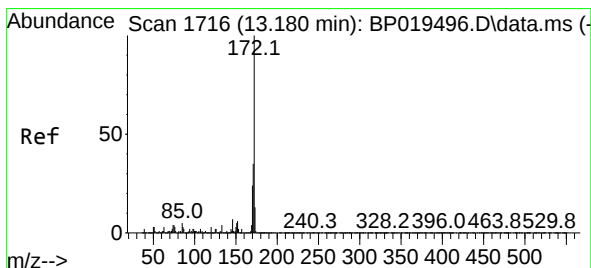
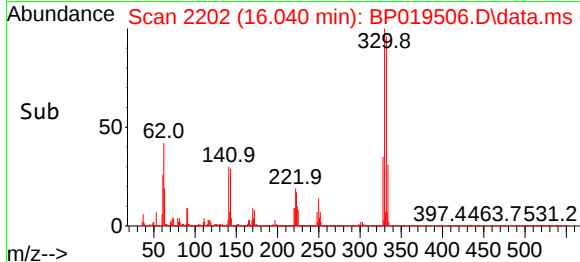
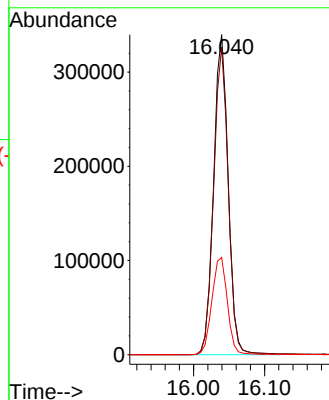
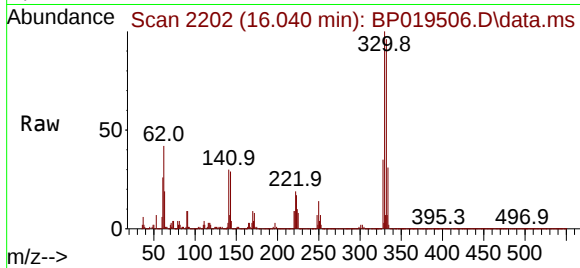
Tgt Ion:330 Resp: 484128

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 32.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.520 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.005 min

Lab File: BP019506.D

Acq: 01 Feb 2024 13:11

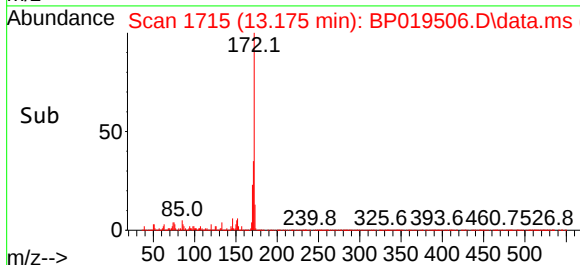
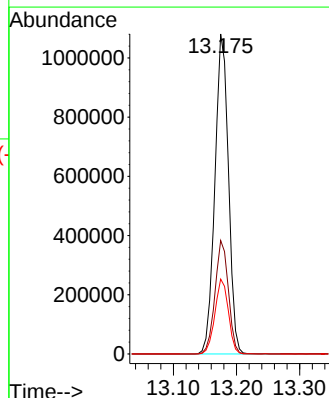
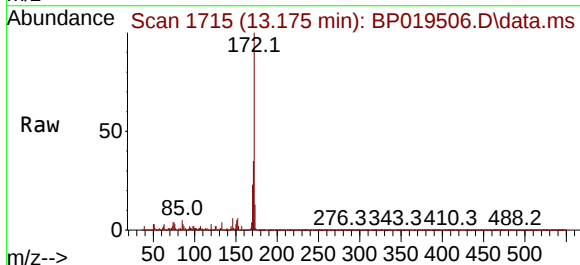
Tgt Ion:172 Resp: 1610953

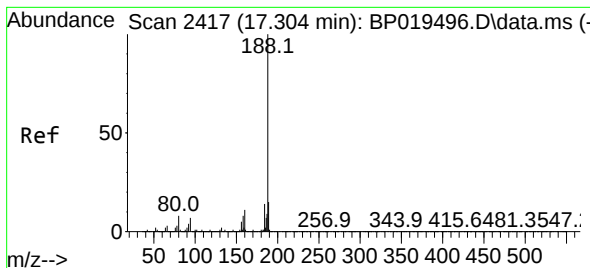
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.4 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: BP019506.D

Acq: 01 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB158215BL

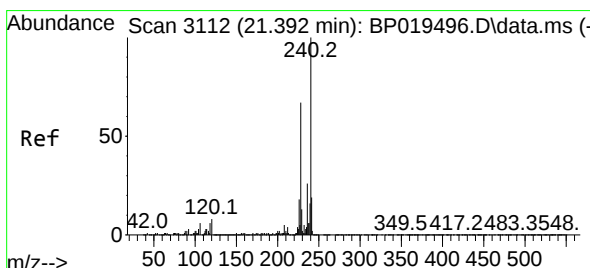
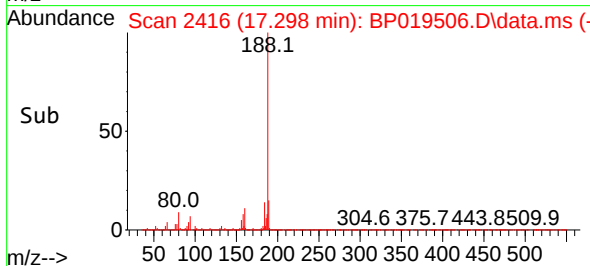
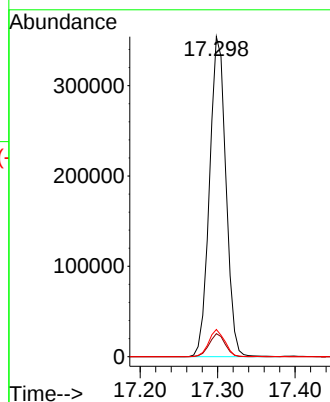
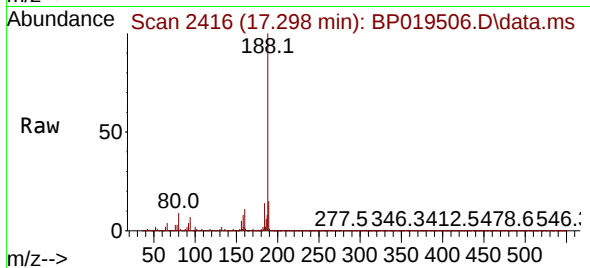
Tgt Ion:188 Resp: 520741

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.5 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019506.D

Acq: 01 Feb 2024 13:11

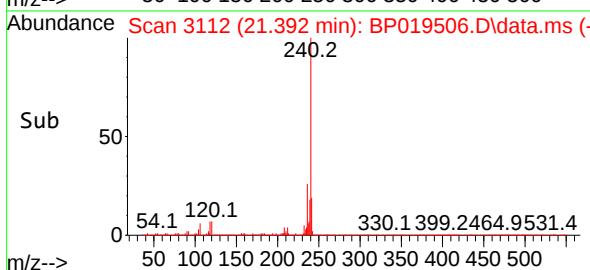
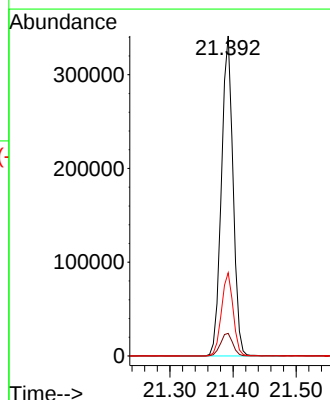
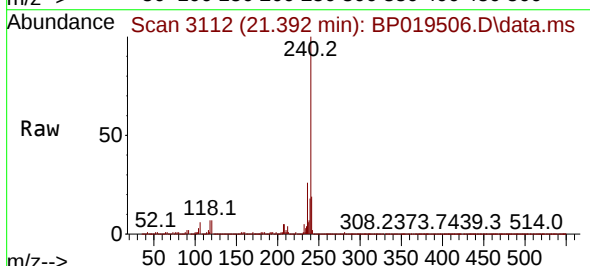
Tgt Ion:240 Resp: 436086

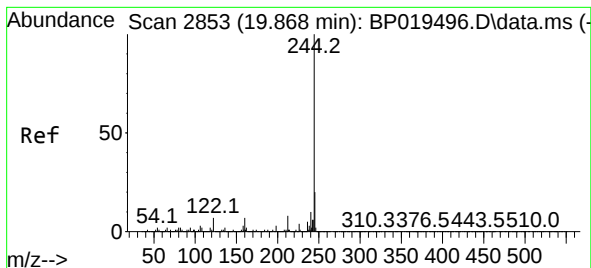
Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 93.077 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019506.D

Acq: 01 Feb 2024 13:11

Instrument :

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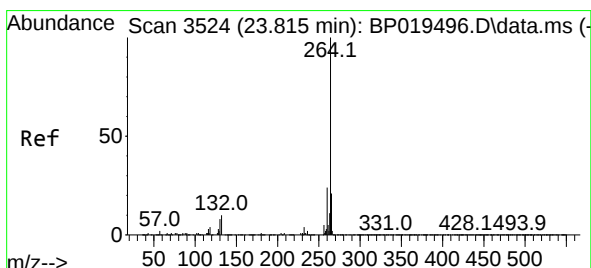
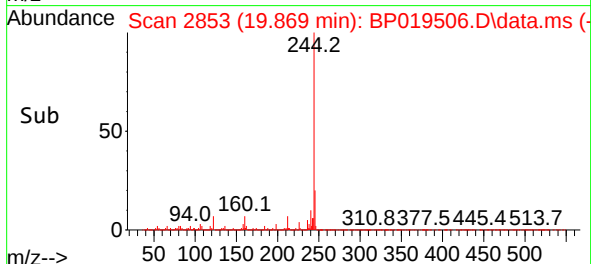
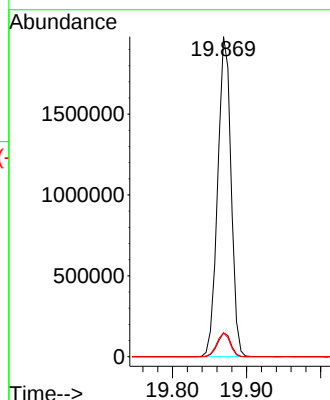
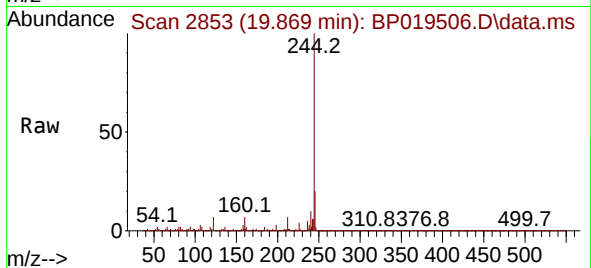
Tgt Ion:244 Resp: 2468138

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.5 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: BP019506.D

Acq: 01 Feb 2024 13:11

Tgt Ion:264 Resp: 499227

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.1 17.0 25.4

