

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
Data File : BP019555.D
Acq On : 05 Feb 2024 10:42
Operator : MA/JU
Sample : PB158553BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Feb 05 11:11:09 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	7.910	152	102003	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	379433	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	235103	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	428964	20.000	ng	0.00
76) Chrysene-d12	21.386	240	340665	20.000	ng	0.00
86) Perylene-d12	23.810	264	458956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	816015	128.952	ng	0.00
7) Phenol-d6	7.081	99	1056000	123.762	ng	0.00
23) Nitrobenzene-d5	9.081	82	717394	81.927	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	371717	108.288	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1586350	83.414	ng	0.00
79) Terphenyl-d14	19.869	244	1658189	80.048	ng	0.00

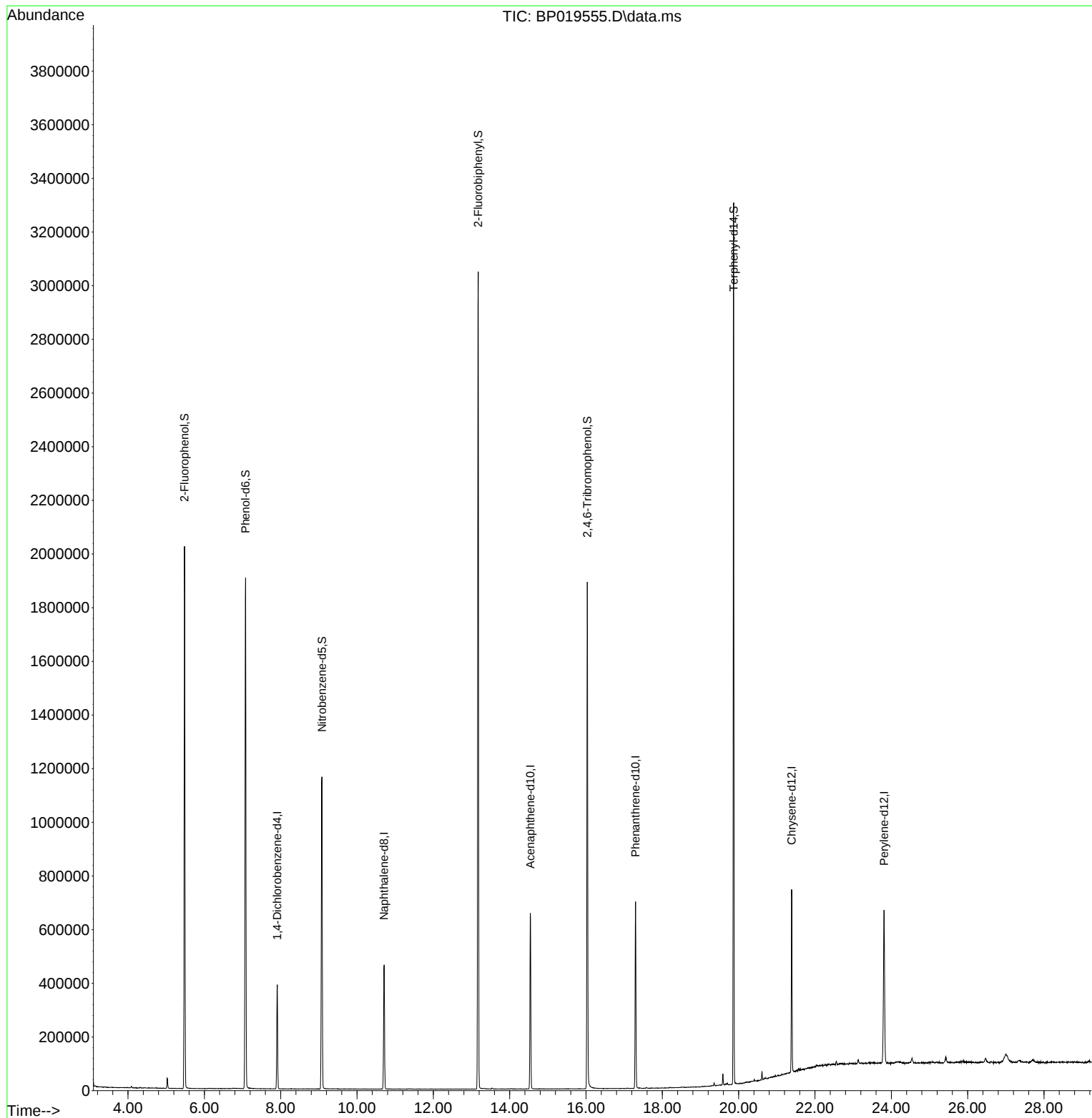
Target Compounds	Qvalue

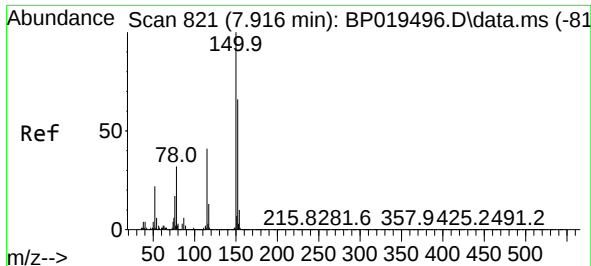
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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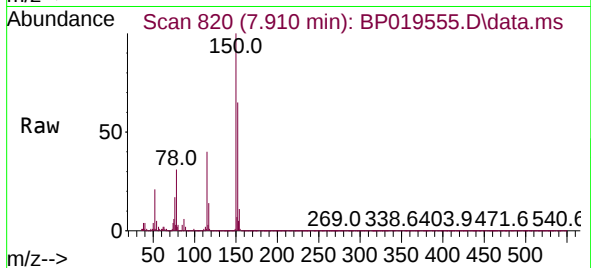
Quant Time: Feb 05 11:11:09 2024
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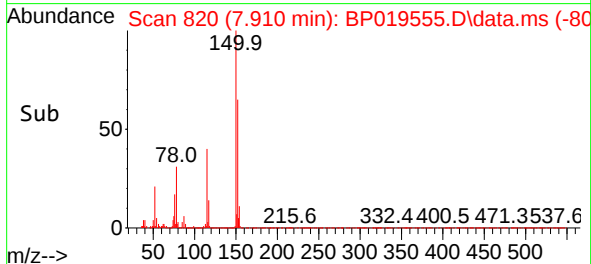
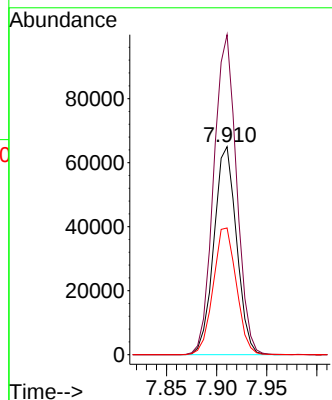


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

Instrument :
BNA_P
ClientSampleId :

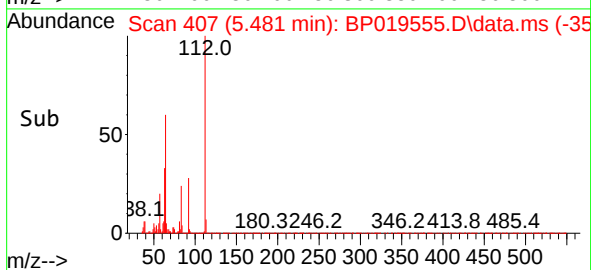
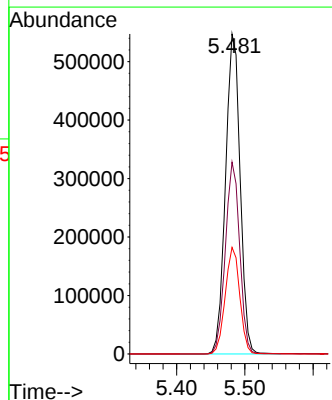
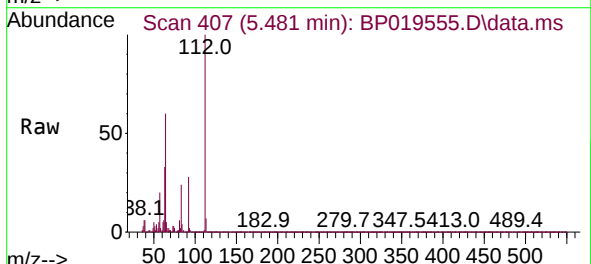


Tgt Ion:152 Resp: 102003
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 128.952 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

Tgt Ion:112 Resp: 816015
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 33.3 27.0 40.6

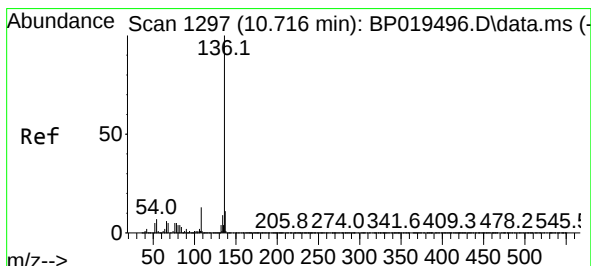
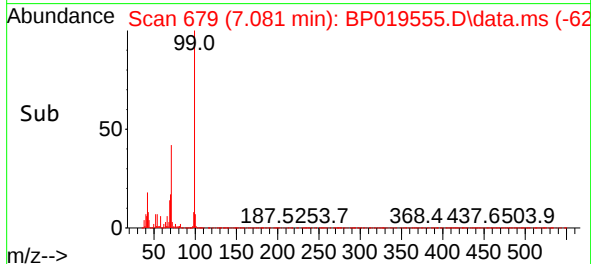
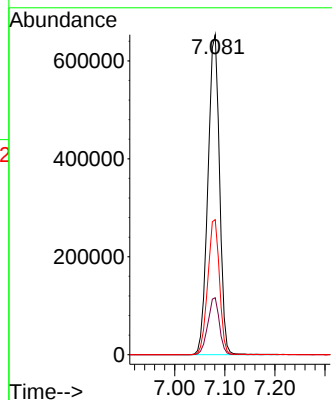
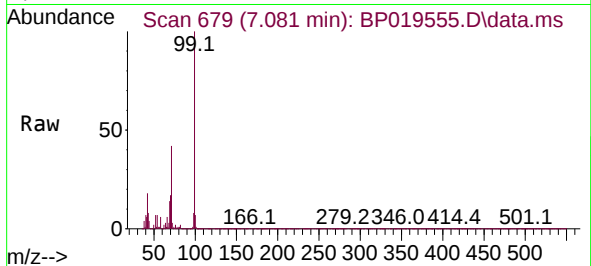




#7
Phenol-d6
Concen: 123.762 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

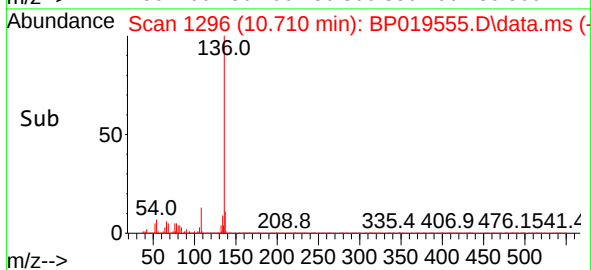
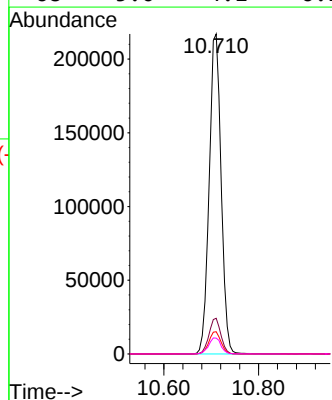
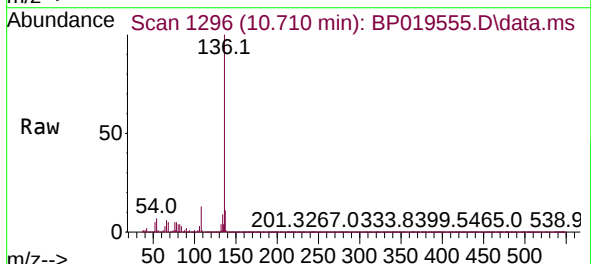
Instrument :
BNA_P
ClientSampleId :

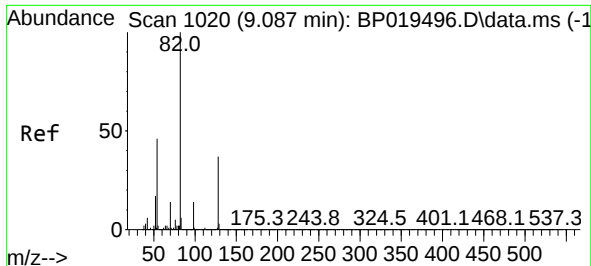
Tgt Ion: 99 Resp: 1056000
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 136 Resp: 379433
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.3 7.9
68 5.0 4.1 6.1

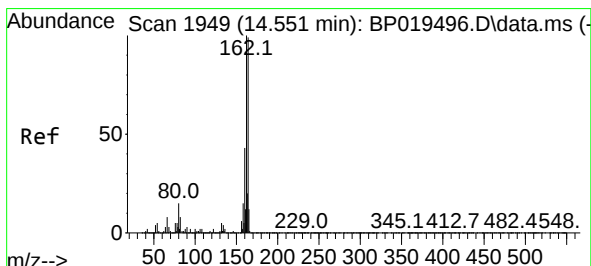
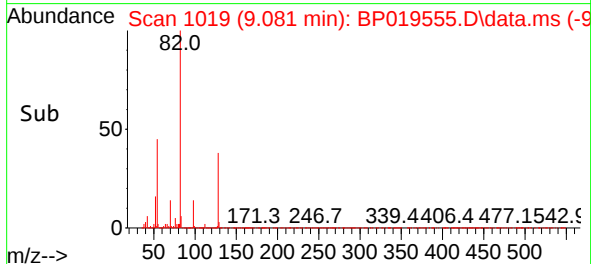
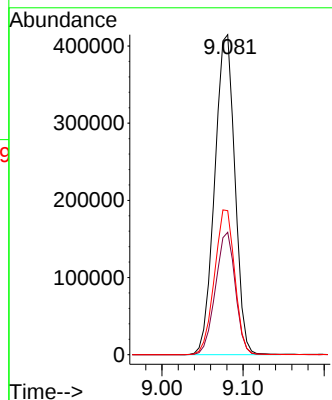
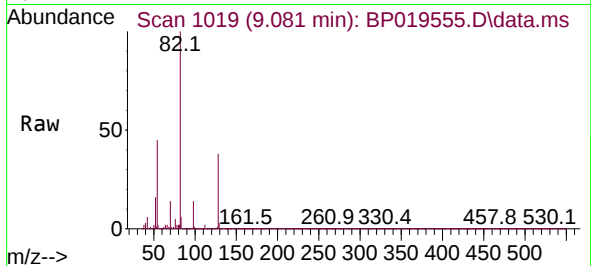




#23
Nitrobenzene-d5
Concen: 81.927 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

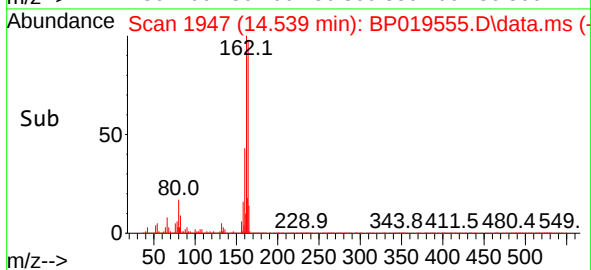
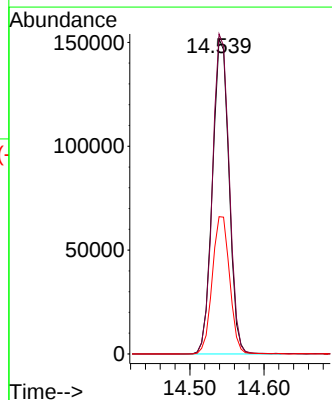
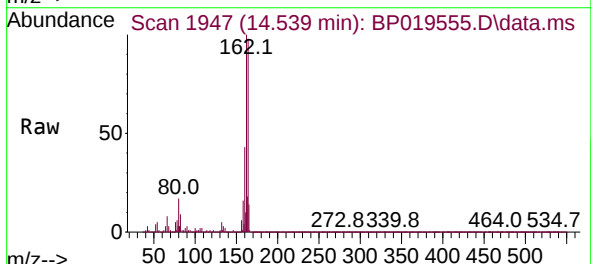
Instrument :
BNA_P
ClientSampleId :

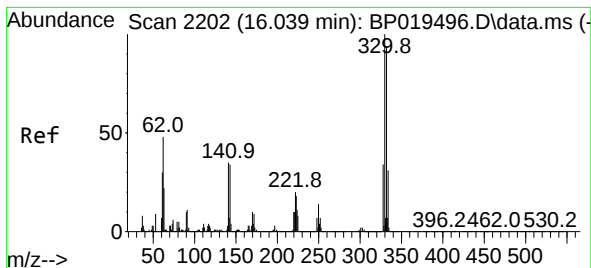
Tgt Ion: 82 Resp: 717394
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 45.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019555.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 164 Resp: 235103
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 108.288 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019555.D

Acq: 05 Feb 2024 10:42

Instrument :

BNA_P

ClientSampleId :

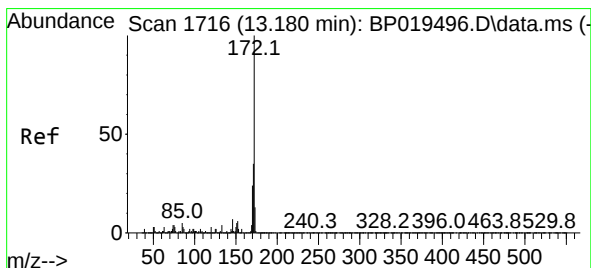
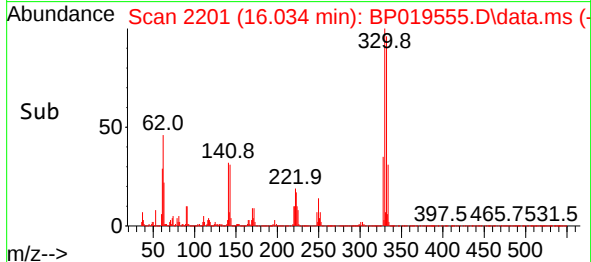
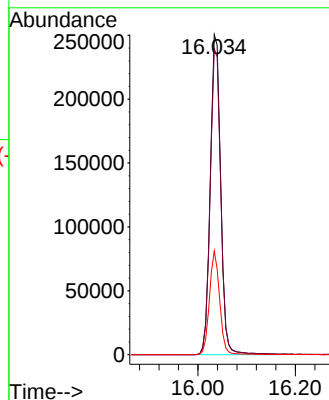
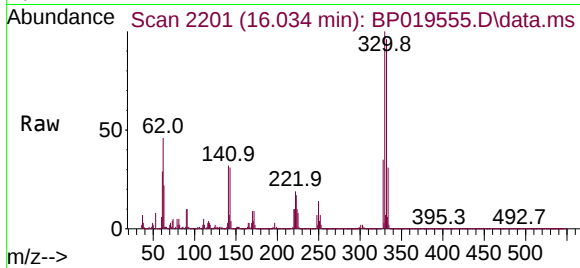
Tgt Ion:330 Resp: 371717

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 31.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.414 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019555.D

Acq: 05 Feb 2024 10:42

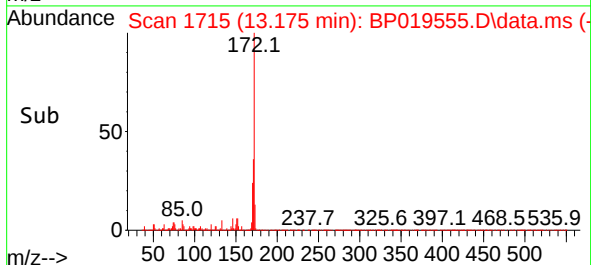
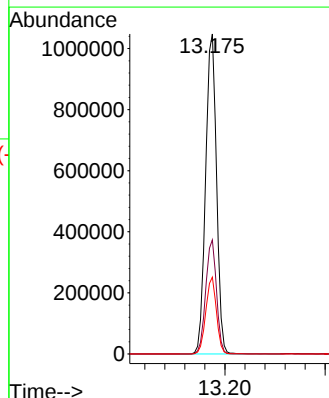
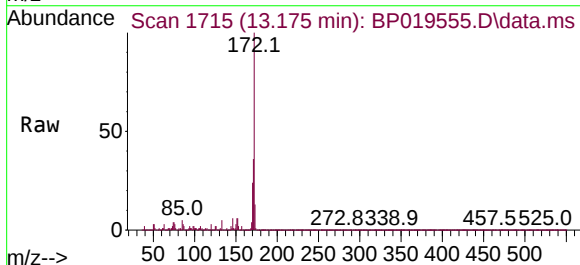
Tgt Ion:172 Resp: 1586350

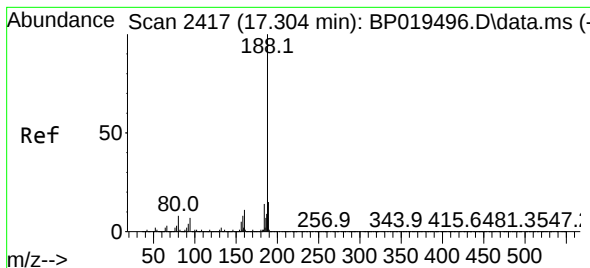
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 24.0 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: BP019555.D

Acq: 05 Feb 2024 10:42

Instrument :

BNA_P

ClientSampleId :

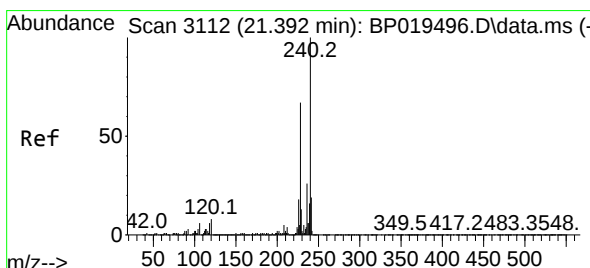
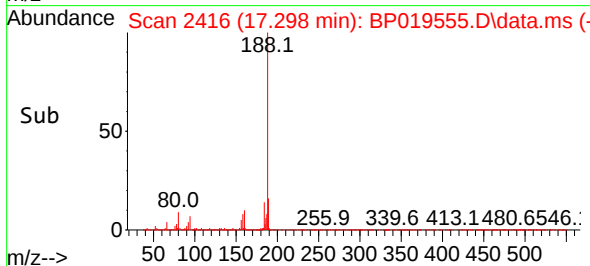
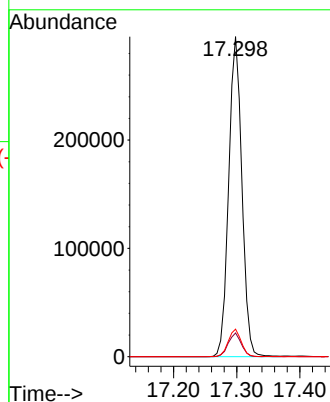
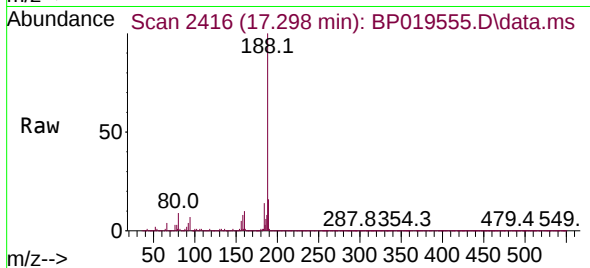
Tgt Ion:188 Resp: 428964

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 8.6 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: BP019555.D

Acq: 05 Feb 2024 10:42

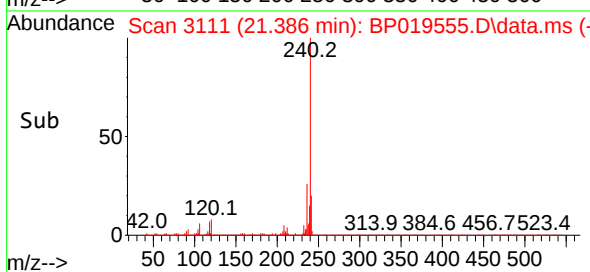
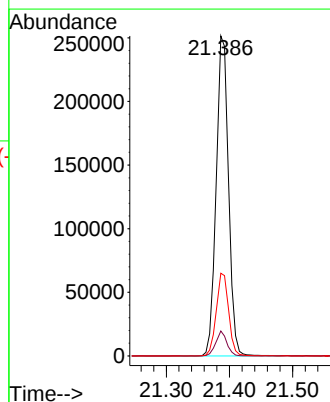
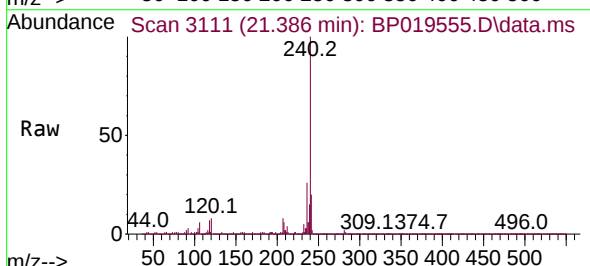
Tgt Ion:240 Resp: 340665

Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 80.048 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019555.D

Acq: 05 Feb 2024 10:42

Instrument :

BNA_P

ClientSampleId :

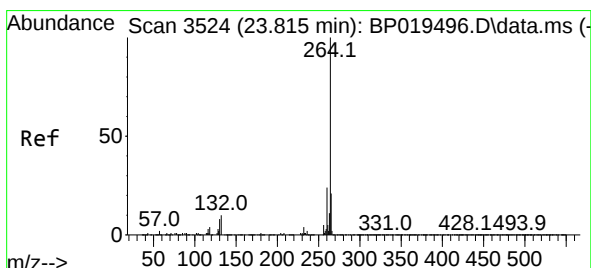
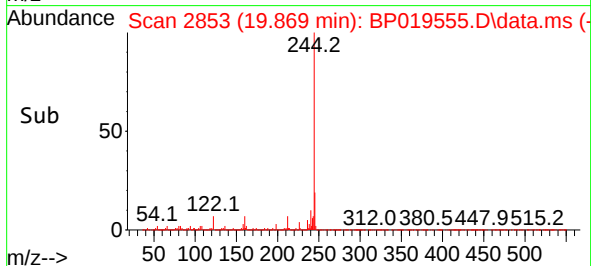
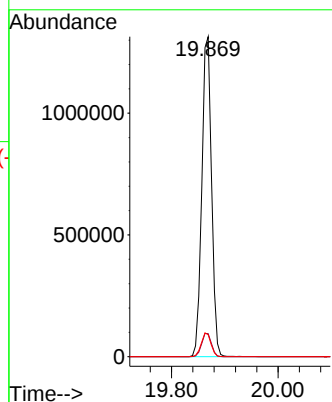
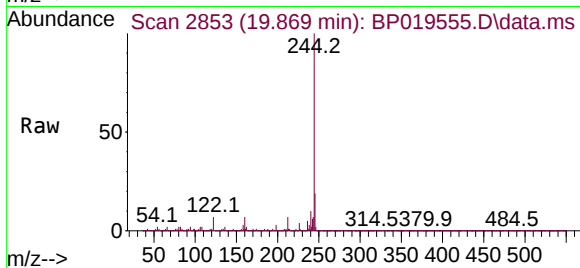
Tgt Ion:244 Resp: 1658189

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.8 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: BP019555.D

Acq: 05 Feb 2024 10:42

Tgt Ion:264 Resp: 458956

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 17.0 25.4

