

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019550.D
Acq On : 03 Feb 2024 04:05
Operator : MA/JU
Sample : PB158553BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB158553BL

Quant Time: Feb 03 04:34:17 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	92480	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	331091	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	195177	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	367699	20.000	ng	0.00
76) Chrysene-d12	21.386	240	351636	20.000	ng	0.00
86) Perylene-d12	23.804	264	483650	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	710750	123.883	ng	0.00
7) Phenol-d6	7.081	99	892150	115.326	ng	0.00
23) Nitrobenzene-d5	9.081	82	623251	81.568	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	309770	108.702	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1328527	84.147	ng	-0.01
79) Terphenyl-d14	19.863	244	1660505	77.659	ng	0.00

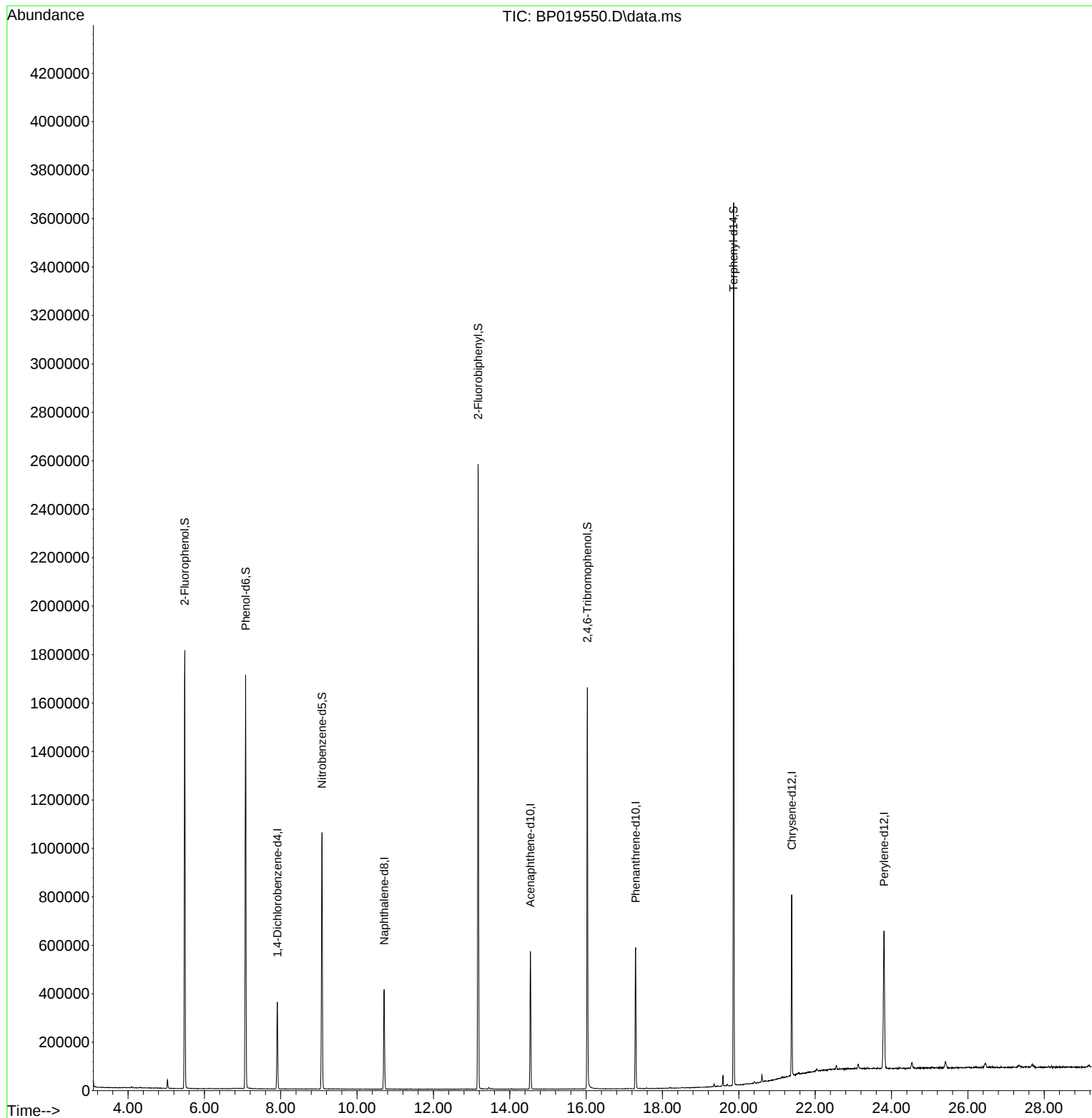
Target Compounds	Qvalue

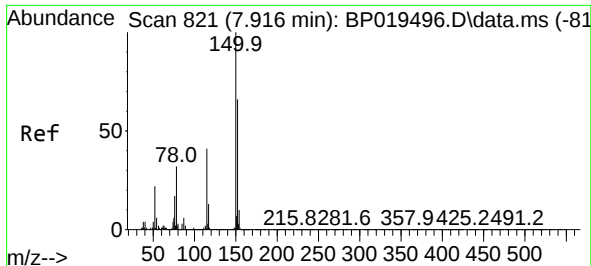
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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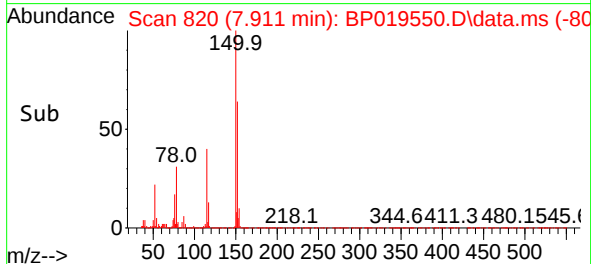
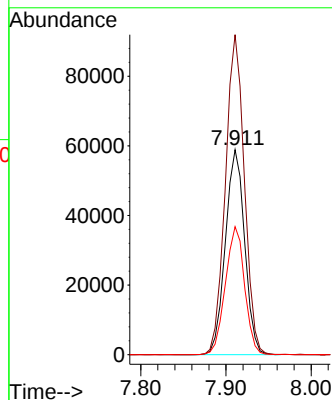
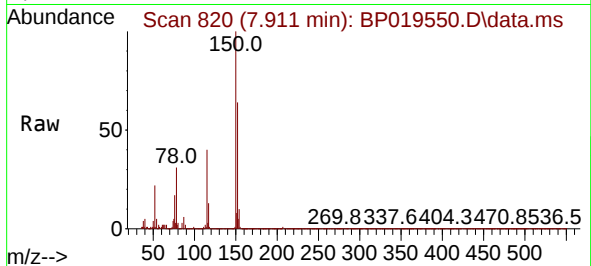




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

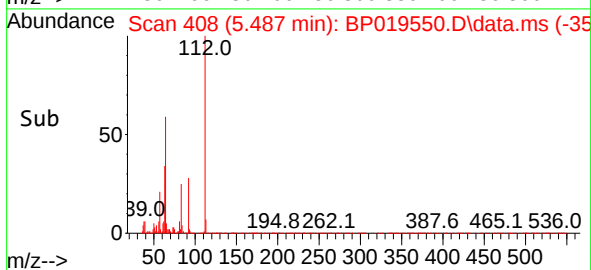
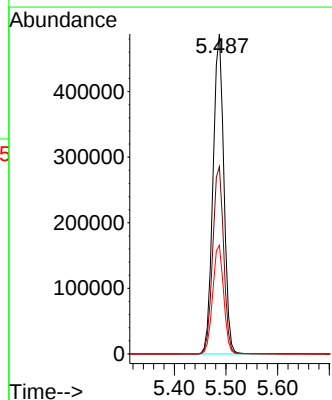
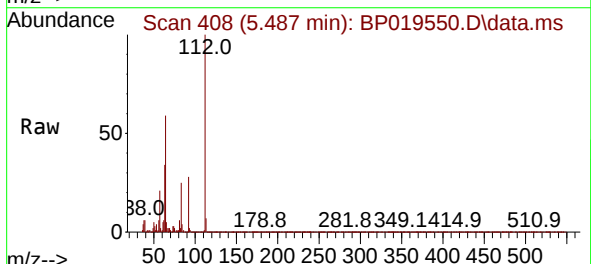
Instrument :
BNA_P
ClientSampleId :
PB158553BL

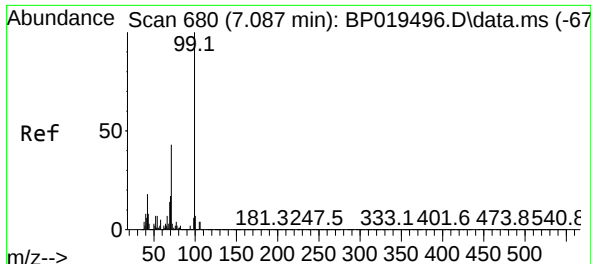
Tgt Ion:152 Resp: 92480
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.8
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 123.883 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

Tgt Ion:112 Resp: 710750
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 34.0 27.0 40.6

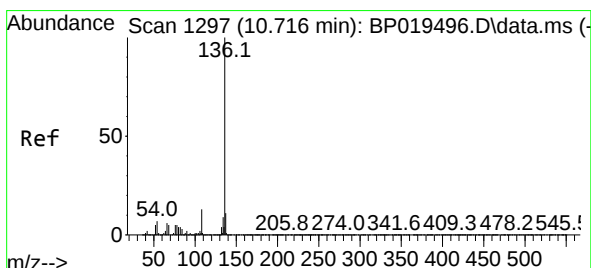
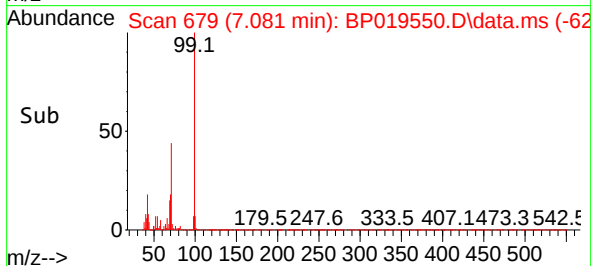
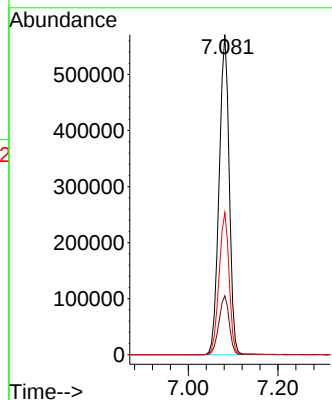
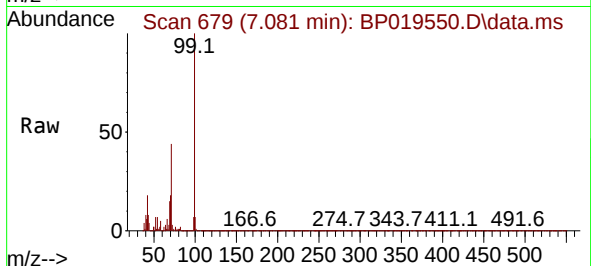




#7
Phenol-d6
Concen: 115.326 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

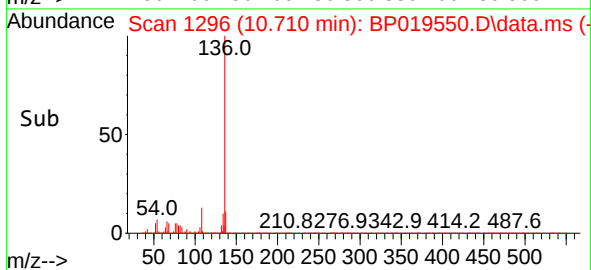
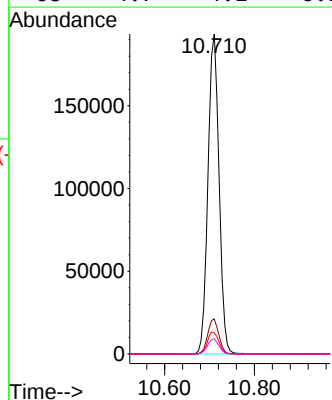
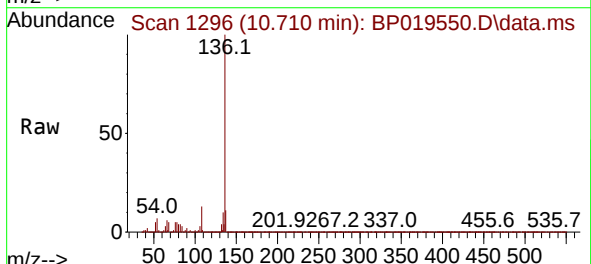
Instrument :
BNA_P
ClientSampleId :
PB158553BL

Tgt Ion: 99 Resp: 892150
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 44.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 136 Resp: 331091
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.3 7.9
68 4.7 4.1 6.1

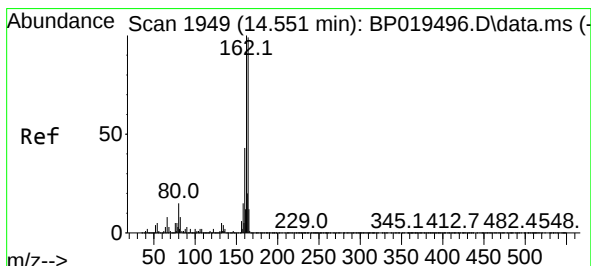
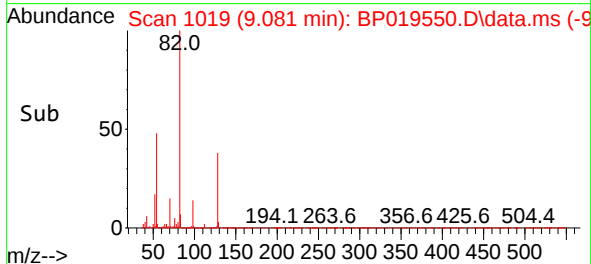
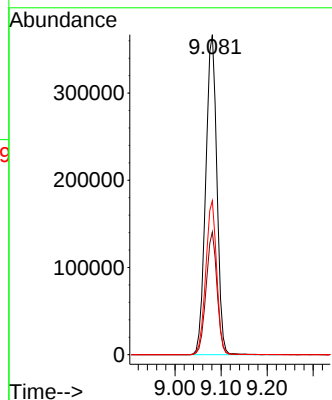
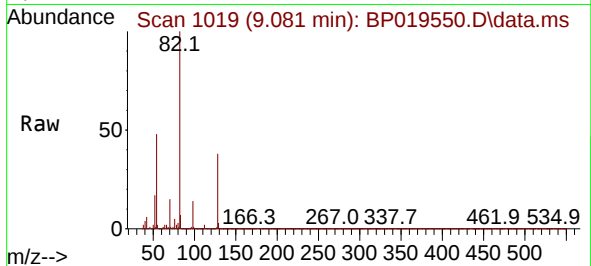




#23
Nitrobenzene-d5
Concen: 81.568 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

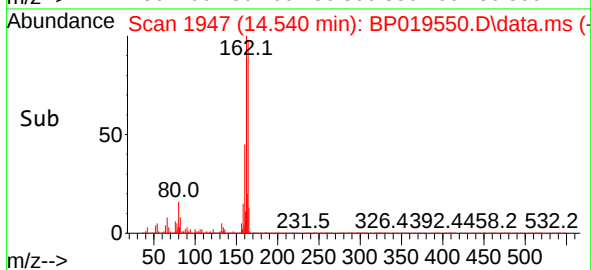
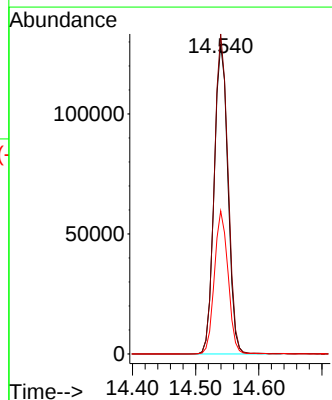
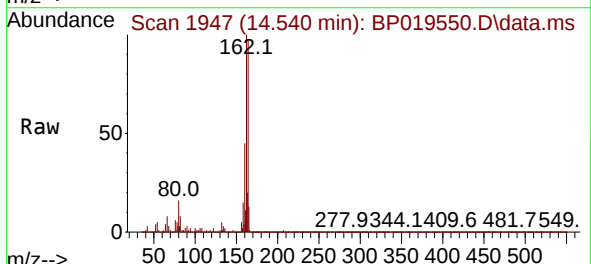
Instrument :
BNA_P
ClientSampleId :
PB158553BL

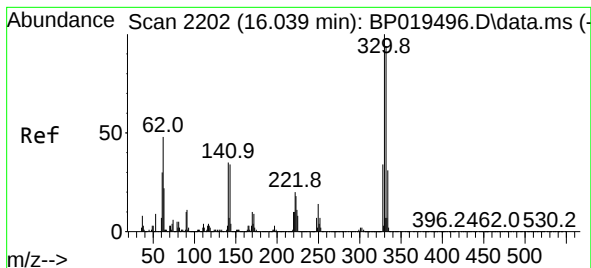
Tgt Ion: 82 Resp: 623251
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 48.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 164 Resp: 195177
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 46.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 108.702 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019550.D

Acq: 03 Feb 2024 04:05

Instrument :

BNA_P

ClientSampleId :

PB158553BL

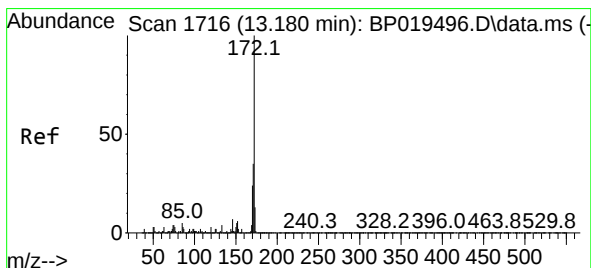
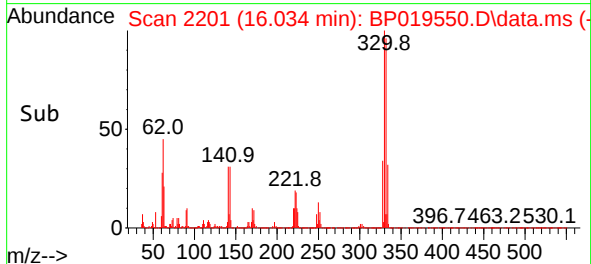
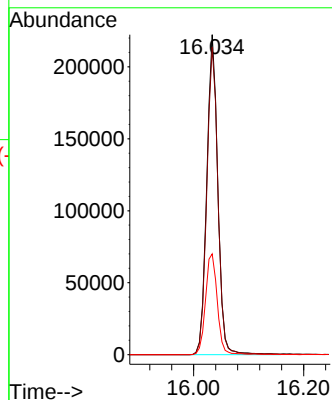
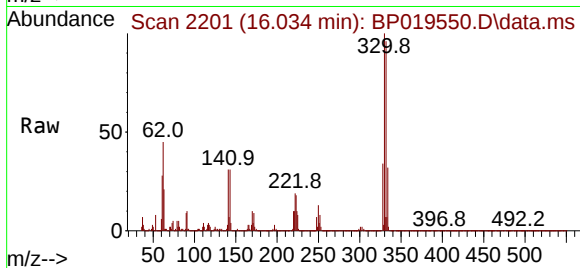
Tgt Ion:330 Resp: 309770

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 33.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.147 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019550.D

Acq: 03 Feb 2024 04:05

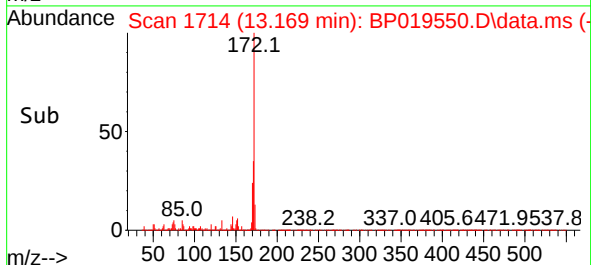
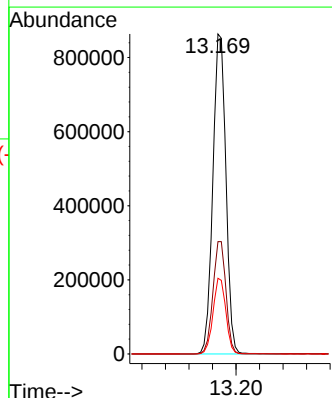
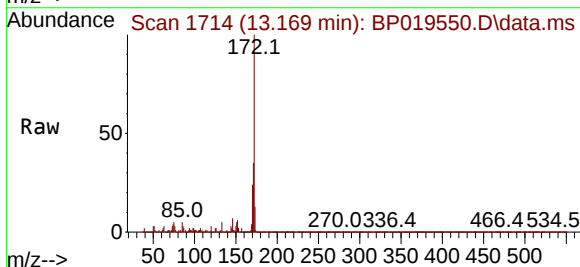
Tgt Ion:172 Resp: 1328527

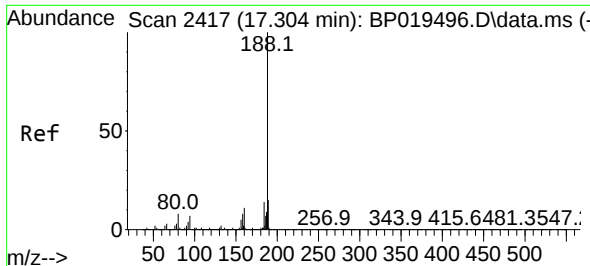
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.7 18.9 28.3

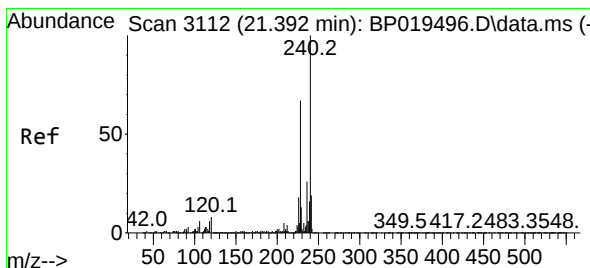
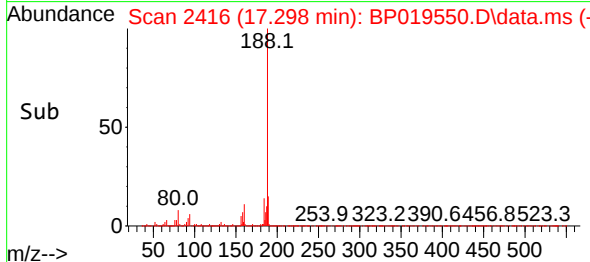
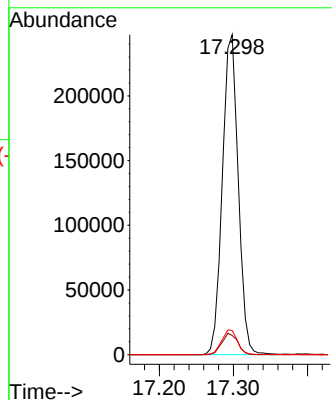
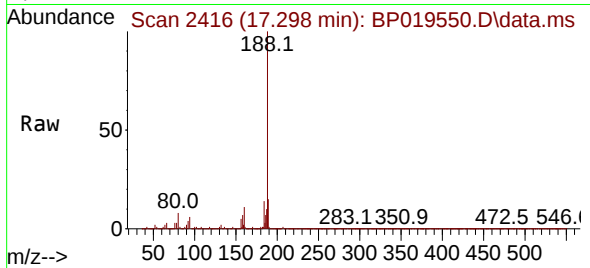




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

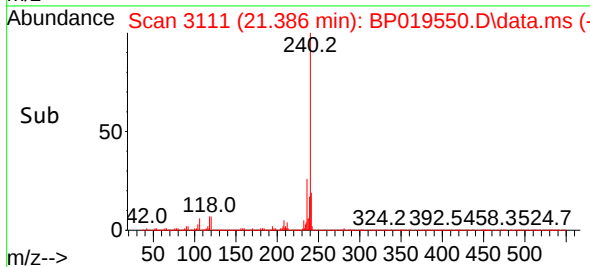
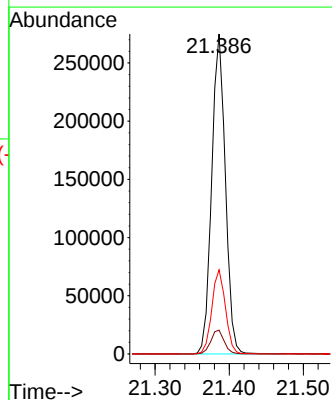
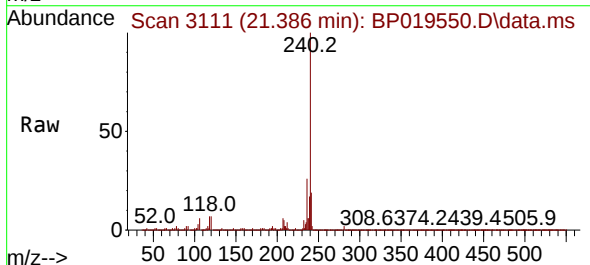
Instrument :
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Tgt Ion:188 Resp: 367699
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.2
80 7.5 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BP019550.D
Acq: 03 Feb 2024 04:05

Tgt Ion:240 Resp: 351636
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 77.659 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019550.D

Acq: 03 Feb 2024 04:05

Instrument :

BNA_P

ClientSampleId :

PB158553BL

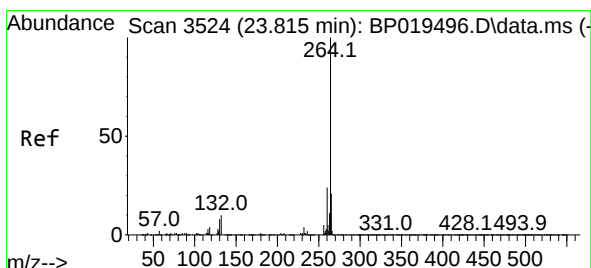
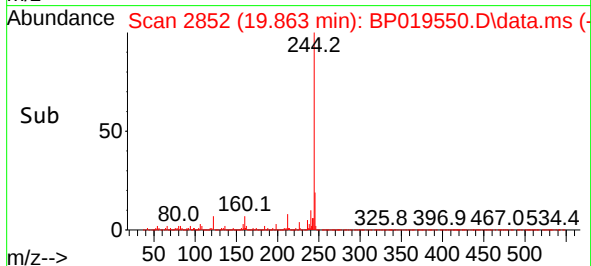
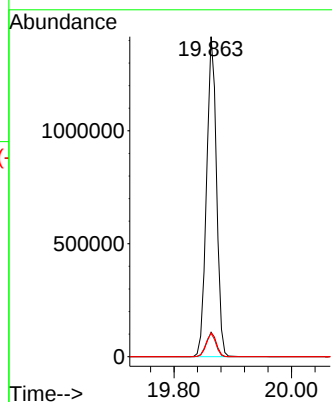
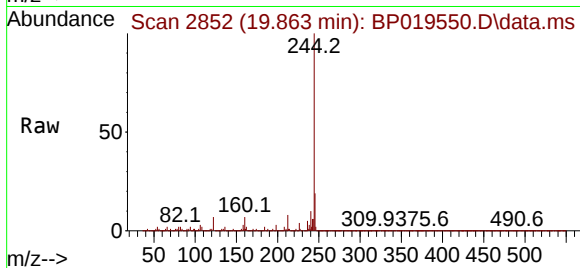
Tgt Ion:244 Resp: 1660505

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 7.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019550.D

Acq: 03 Feb 2024 04:05

Tgt Ion:264 Resp: 483650

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 17.0 25.4

