

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019625.D
 Acq On : 09 Feb 2024 11:06
 Operator : MA/JU
 Sample : PB158902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158902BL

Quant Time: Feb 09 11:37:41 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	96510	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	354362	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	220083	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	454850	20.000	ng	0.00
76) Chrysene-d12	21.392	240	349218	20.000	ng	0.00
86) Perylene-d12	23.816	264	435809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	727730	121.546	ng	0.00
7) Phenol-d6	7.087	99	935695	115.904	ng	0.00
23) Nitrobenzene-d5	9.081	82	638224	78.042	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	424058	131.967	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1401560	78.727	ng	0.00
79) Terphenyl-d14	19.869	244	1922437	90.532	ng	0.00

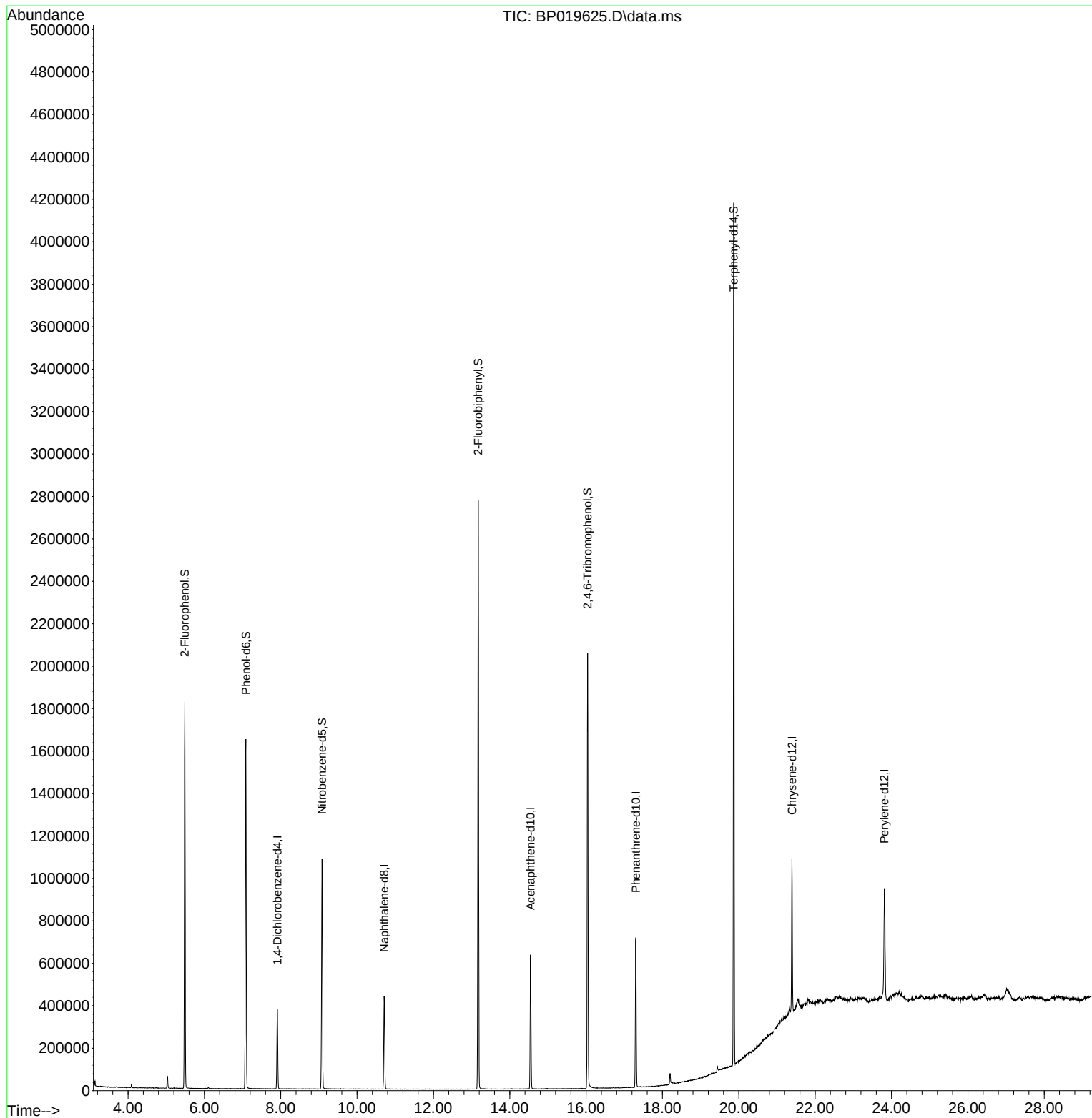
Target Compounds	Qvalue

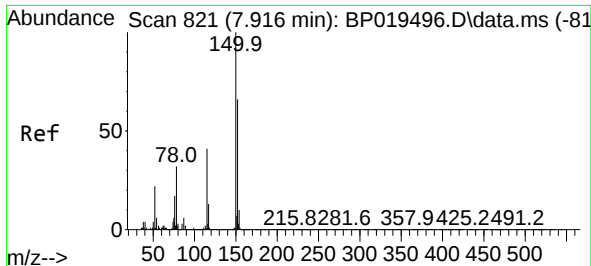
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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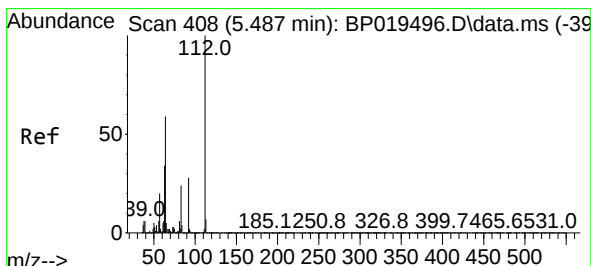
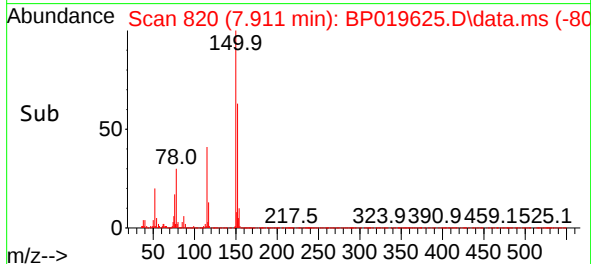
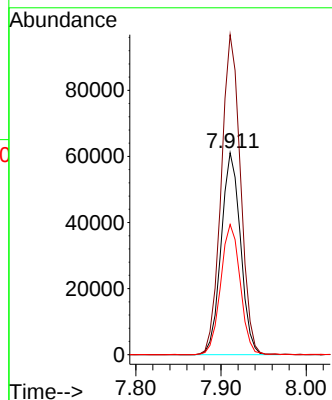
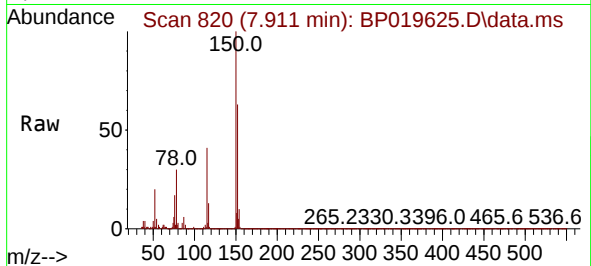




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

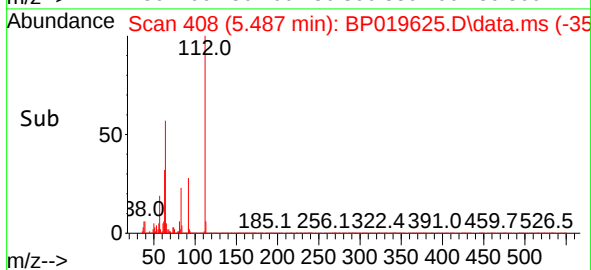
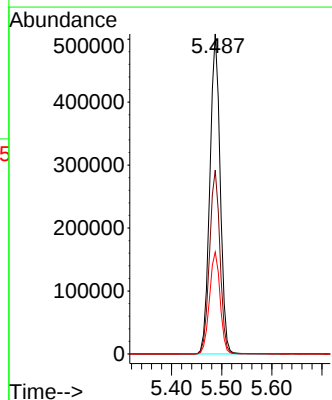
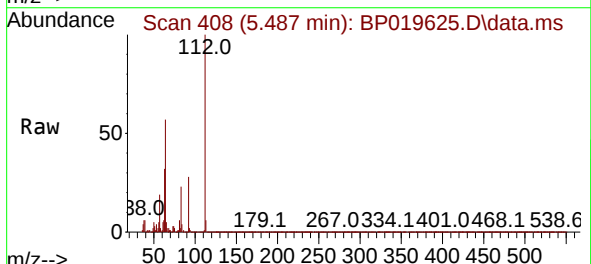
Instrument :
BNA_P
ClientSampleId :
PB158902BL

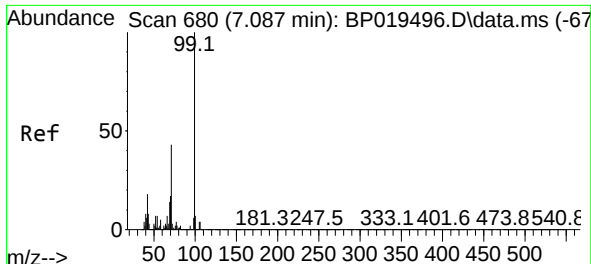
Tgt Ion:152 Resp: 96510
Ion Ratio Lower Upper
152 100
150 158.5 121.8 182.8
115 64.5 49.9 74.9



#5
2-Fluorophenol
Concen: 121.546 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

Tgt Ion:112 Resp: 727730
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 31.8 27.0 40.6

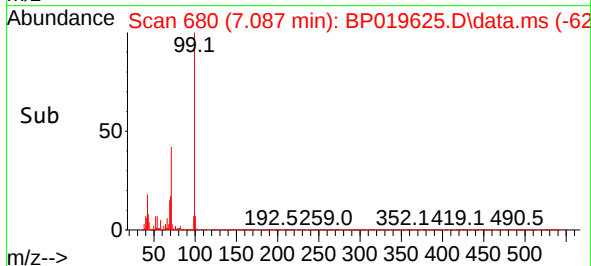
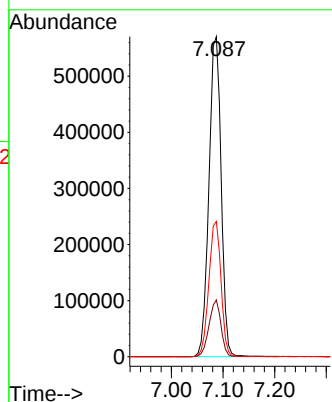
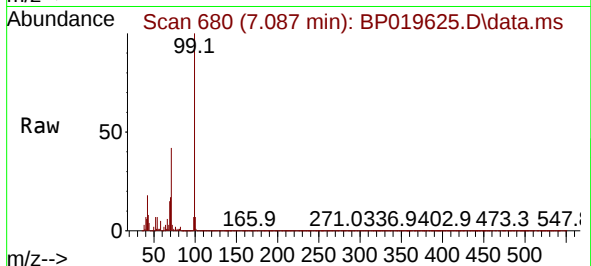




#7
Phenol-d6
Concen: 115.904 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

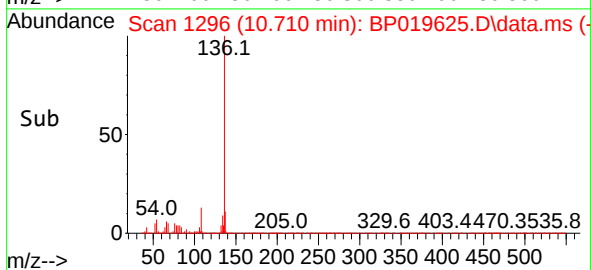
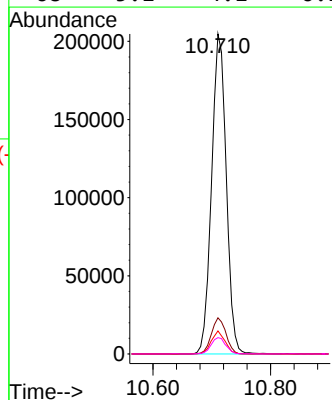
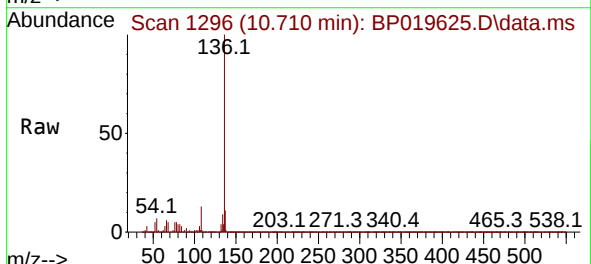
Instrument :
BNA_P
ClientSampleId :
PB158902BL

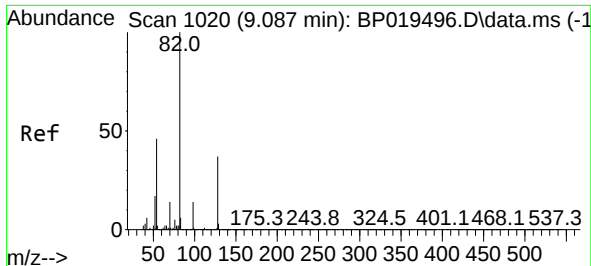
Tgt Ion:	99	Resp:	935695
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.7	22.1
71	42.2	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

Tgt Ion:	136	Resp:	354362
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.2	5.3	7.9
68	5.1	4.1	6.1

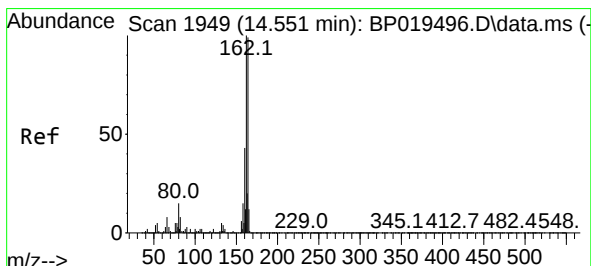
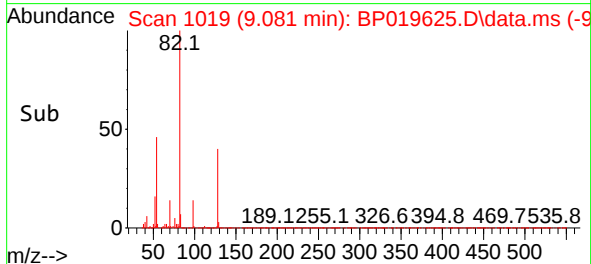
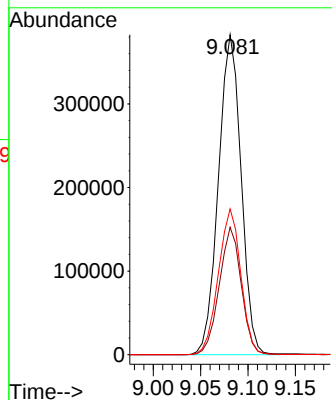
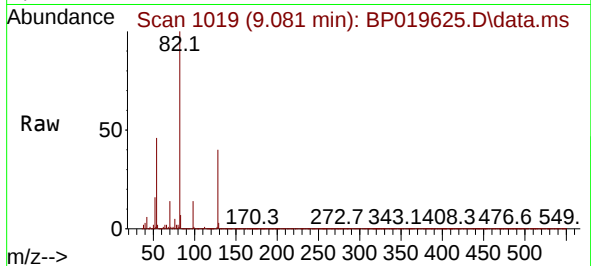




#23
Nitrobenzene-d5
Concen: 78.042 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

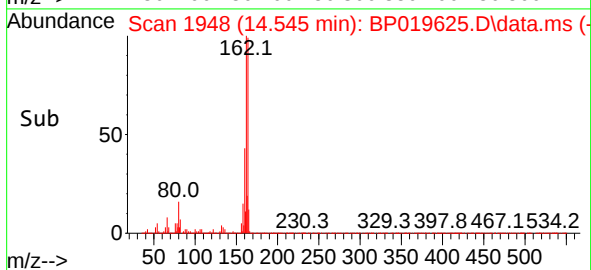
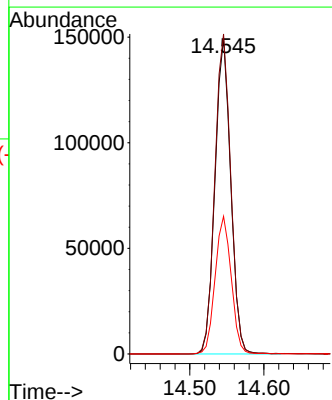
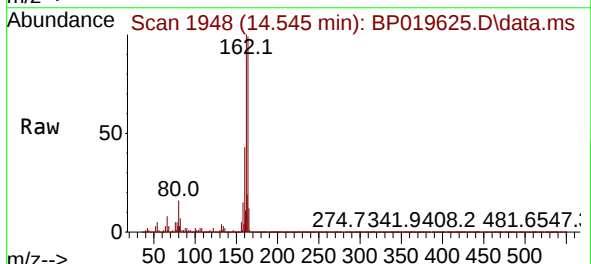
Instrument :
BNA_P
ClientSampleId :
PB158902BL

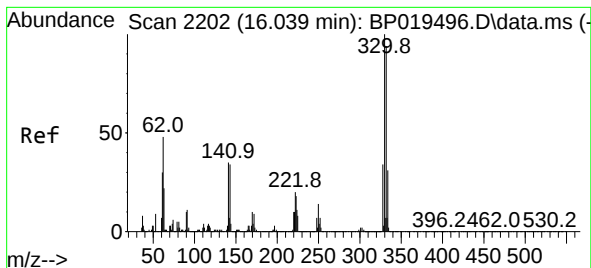
Tgt Ion: 82 Resp: 638224
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 45.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019625.D
Acq: 09 Feb 2024 11:06

Tgt Ion: 164 Resp: 220083
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 131.967 ng

RT: 16.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA_P

ClientSampleId :

PB158902BL

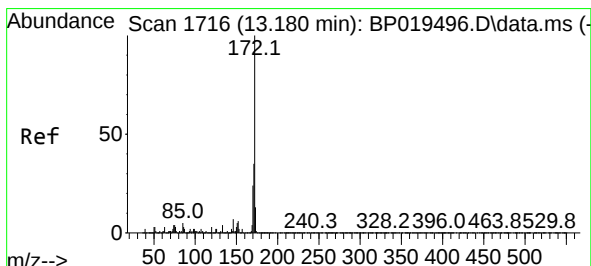
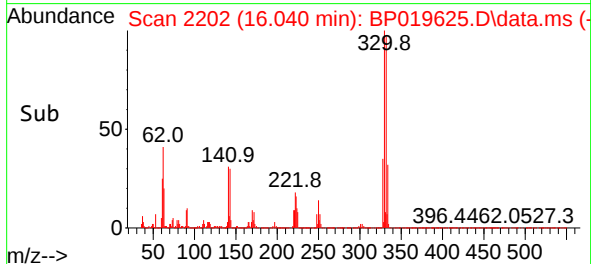
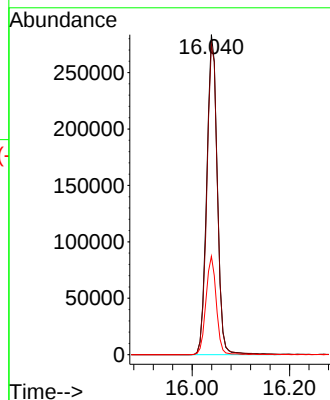
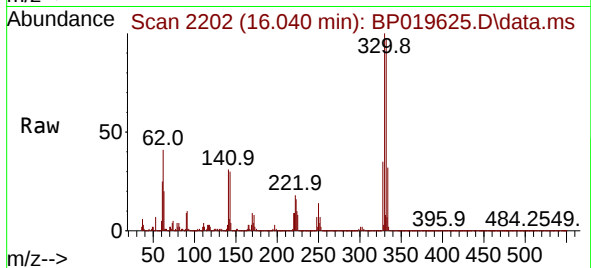
Tgt Ion:330 Resp: 424058

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.727 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

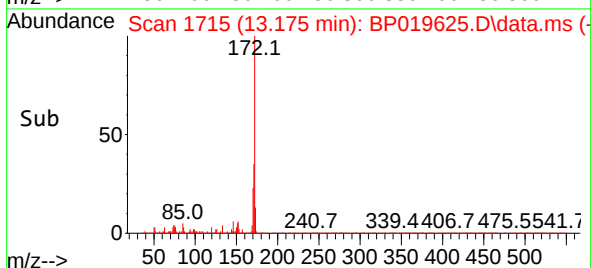
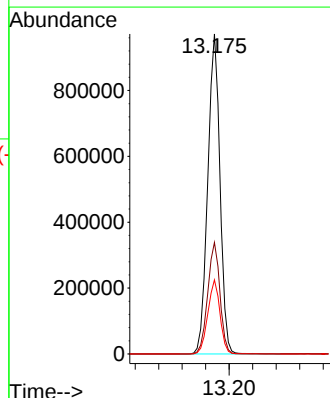
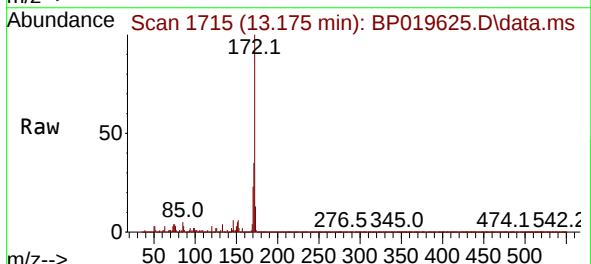
Tgt Ion:172 Resp: 1401560

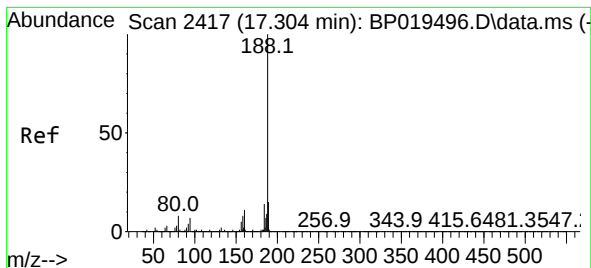
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA_P

ClientSampleId :

PB158902BL

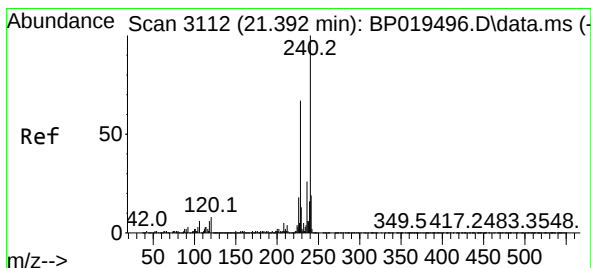
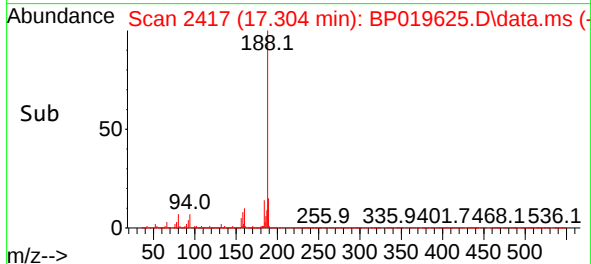
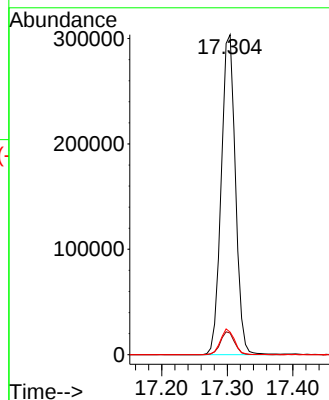
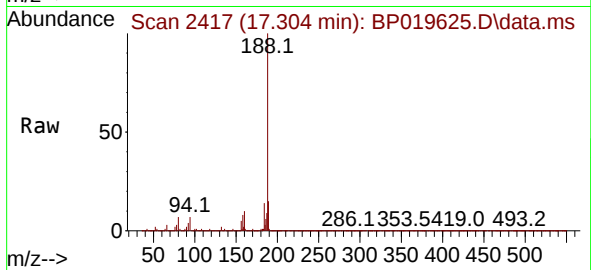
Tgt Ion:188 Resp: 454850

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.0 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: BP019625.D

Acq: 09 Feb 2024 11:06

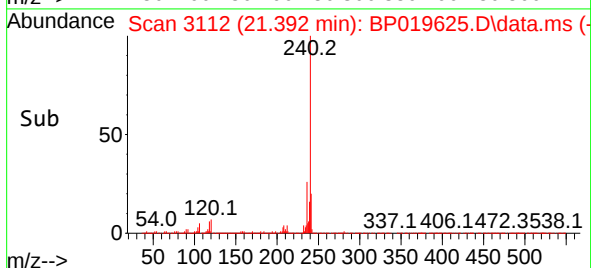
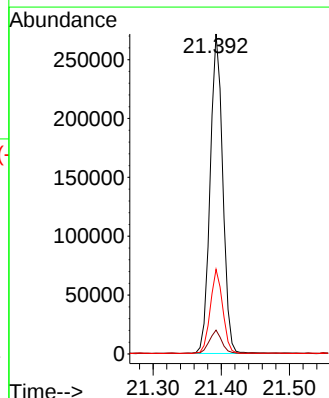
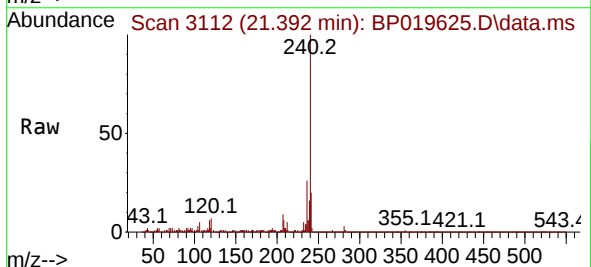
Tgt Ion:240 Resp: 349218

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 90.532 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA_P

ClientSampleId :

PB158902BL

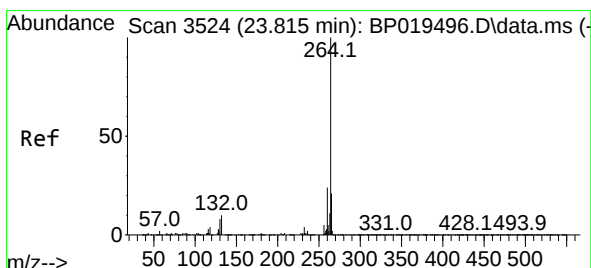
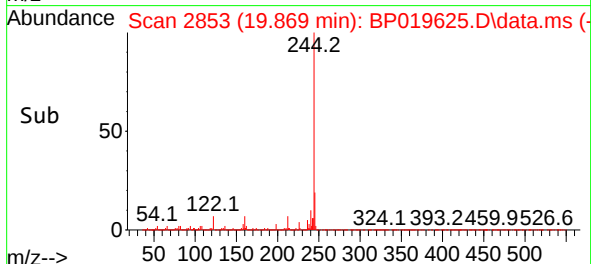
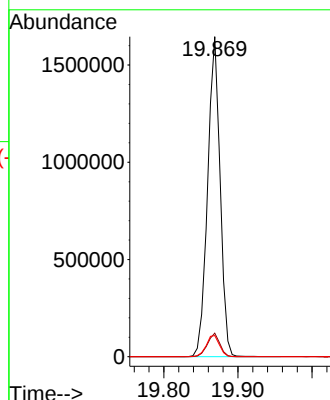
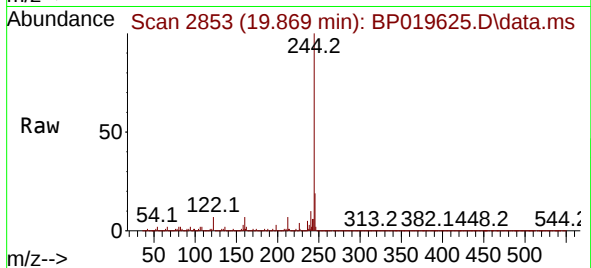
Tgt Ion:244 Resp: 1922437

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Tgt Ion:264 Resp: 435809

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.9 17.0 25.4

