

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019505.D
 Acq On : 01 Feb 2024 12:37
 Operator : MA/JU
 Sample : PB158213BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158213BL

Quant Time: Feb 01 13:12:01 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	96711	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	373833	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	246686	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	534290	20.000	ng	0.00
76) Chrysene-d12	21.392	240	367149	20.000	ng	0.00
86) Perylene-d12	23.804	264	435347	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	782140	130.362	ng	0.00
7) Phenol-d6	7.087	99	1033181	127.714	ng	0.00
23) Nitrobenzene-d5	9.081	82	701896	81.358	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	446218	123.888	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1595814	79.972	ng	0.00
79) Terphenyl-d14	19.869	244	2155107	96.532	ng	0.00

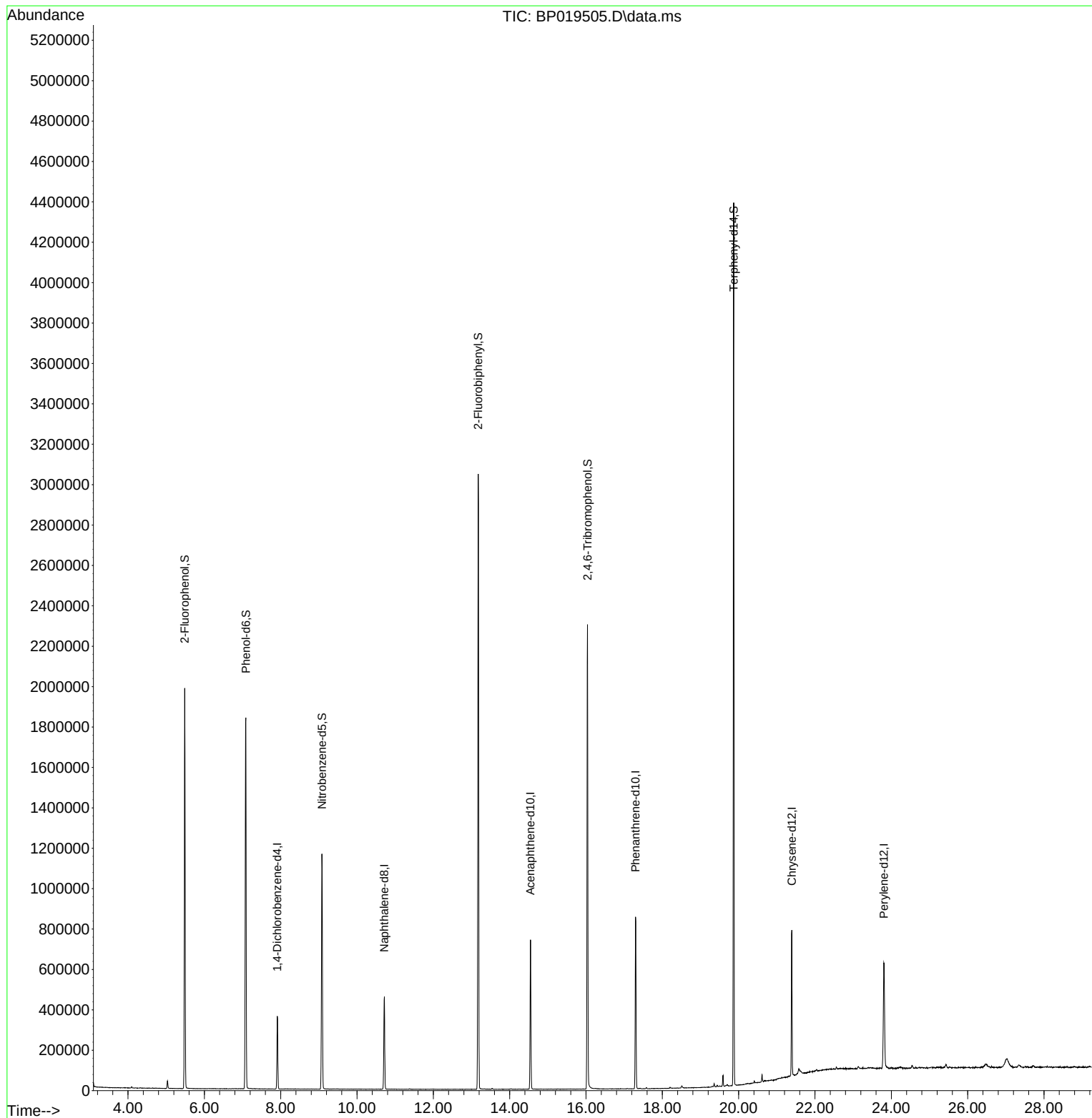
Target Compounds	Qvalue

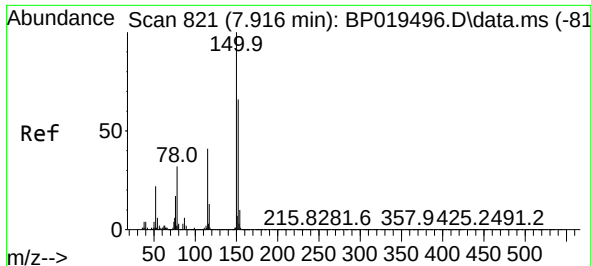
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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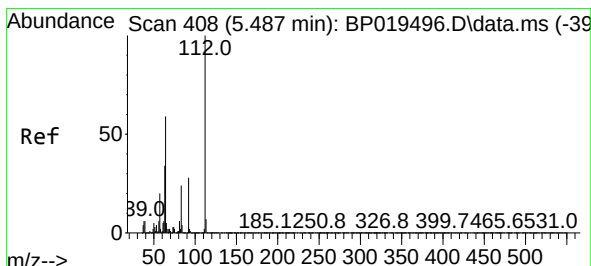
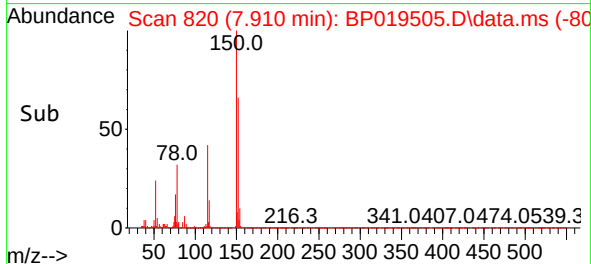
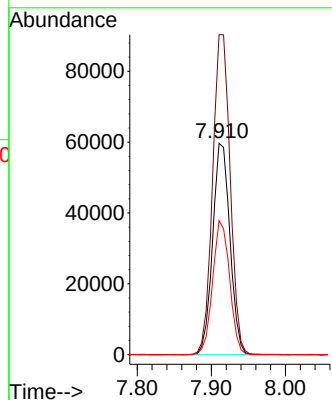
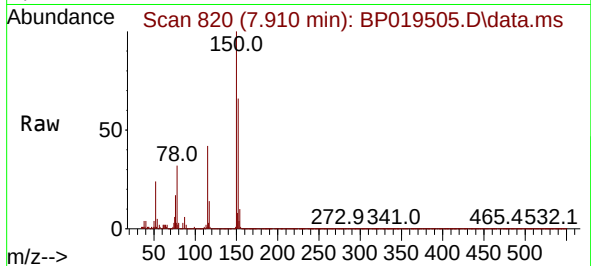




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

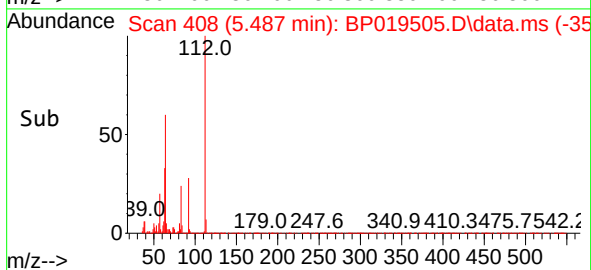
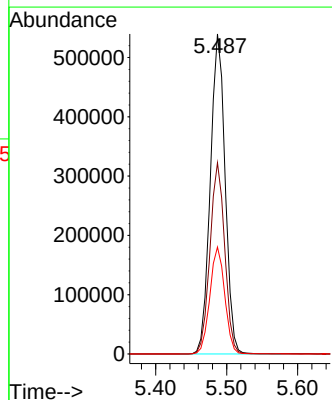
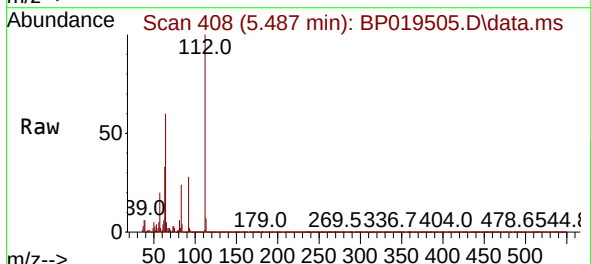
Instrument :
BNA_P
ClientSampleId :
PB158213BL

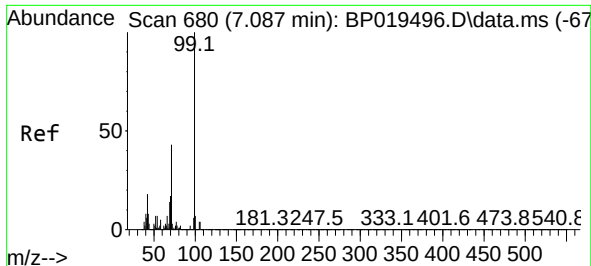
Tgt Ion:152 Resp: 96711
Ion Ratio Lower Upper
152 100
150 151.3 121.8 182.8
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 130.362 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

Tgt Ion:112 Resp: 782140
Ion Ratio Lower Upper
112 100
64 59.7 47.4 71.0
63 33.4 27.0 40.6

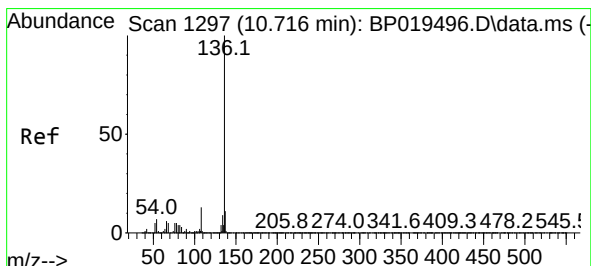
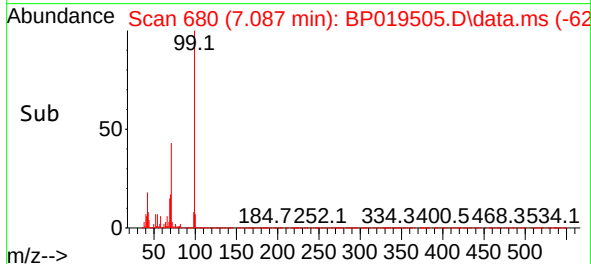
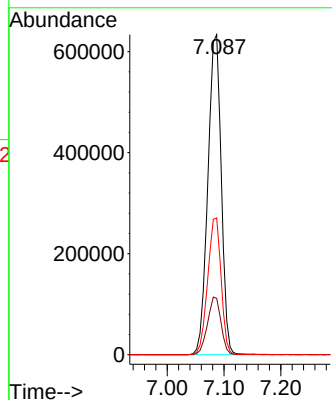
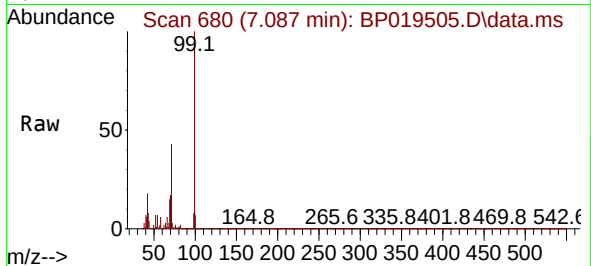




#7
Phenol-d6
Concen: 127.714 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

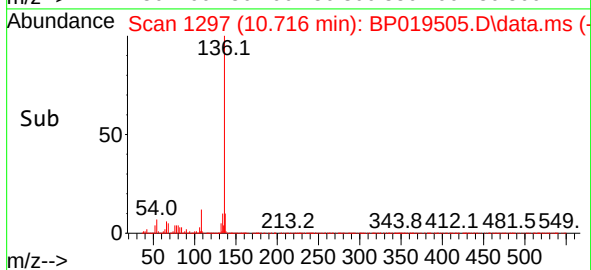
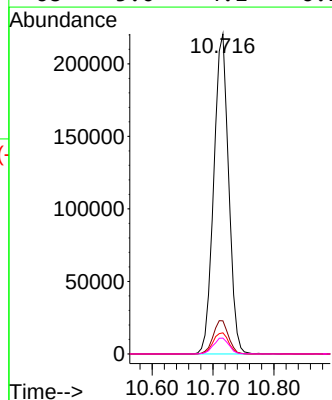
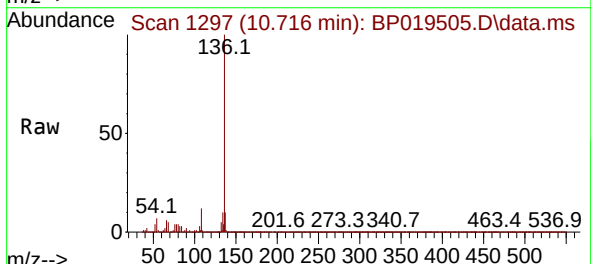
Instrument :
BNA_P
ClientSampleId :
PB158213BL

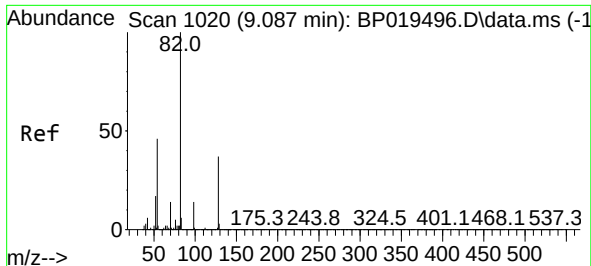
Tgt Ion: 99 Resp: 1033181
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 42.8 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

Tgt Ion: 136 Resp: 373833
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.6 5.3 7.9
68 5.0 4.1 6.1

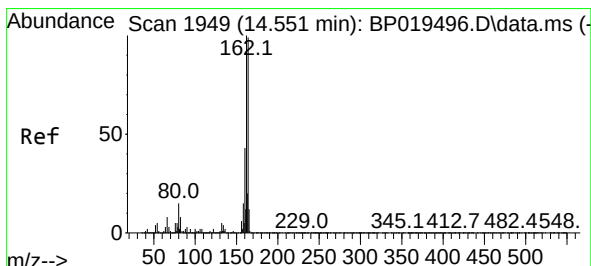
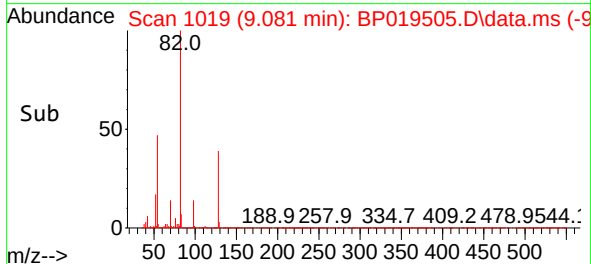
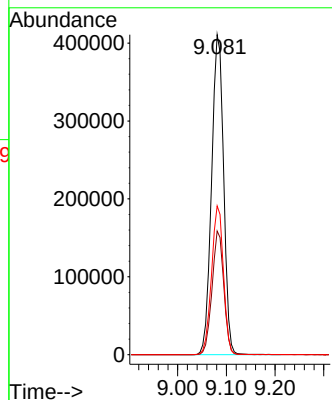
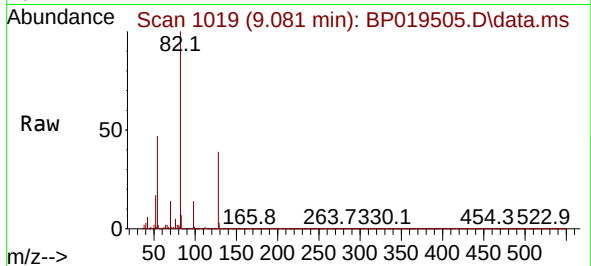




#23
Nitrobenzene-d5
Concen: 81.358 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

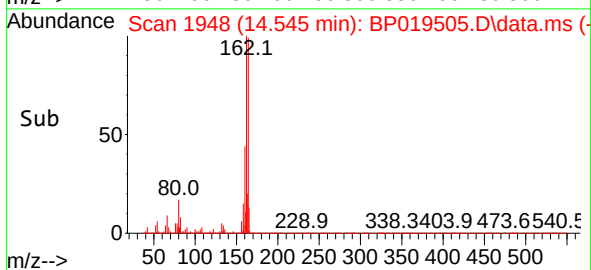
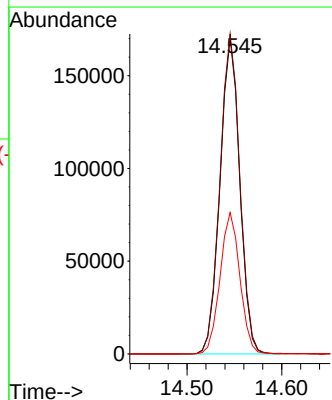
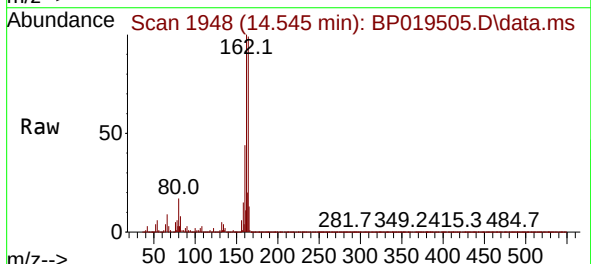
Instrument :
BNA_P
ClientSampleId :
PB158213BL

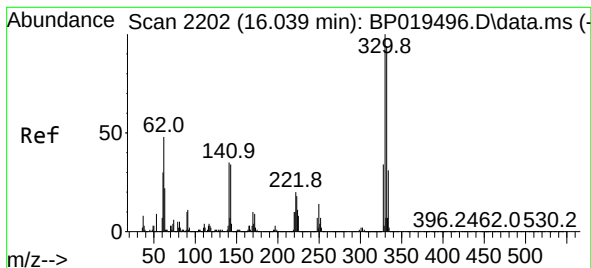
Tgt Ion: 82 Resp: 701896
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 46.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019505.D
Acq: 01 Feb 2024 12:37

Tgt Ion: 164 Resp: 246686
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.888 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019505.D

Acq: 01 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

PB158213BL

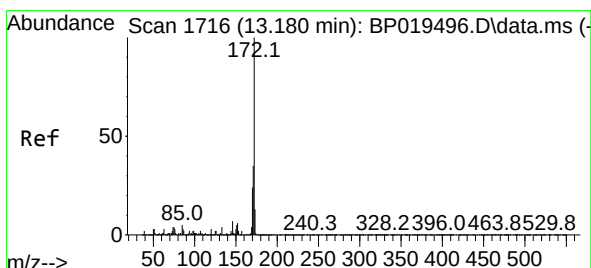
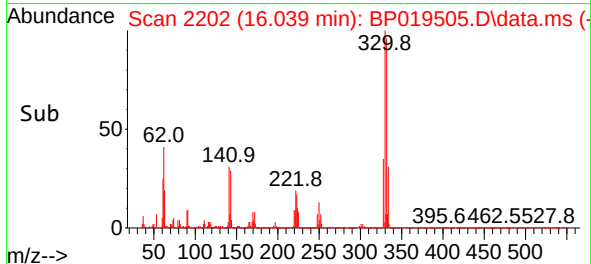
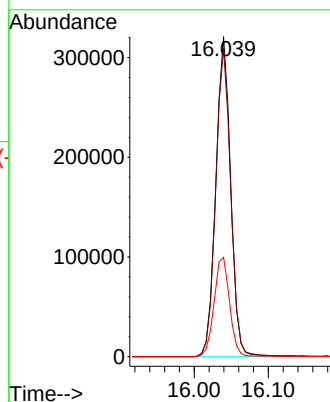
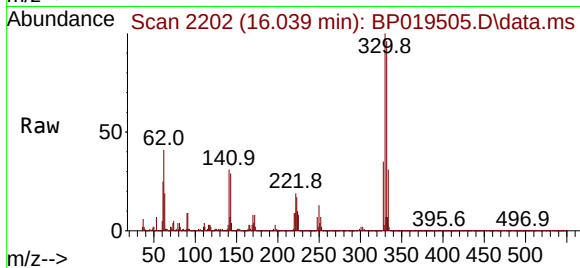
Tgt Ion:330 Resp: 446218

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

141 32.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.972 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019505.D

Acq: 01 Feb 2024 12:37

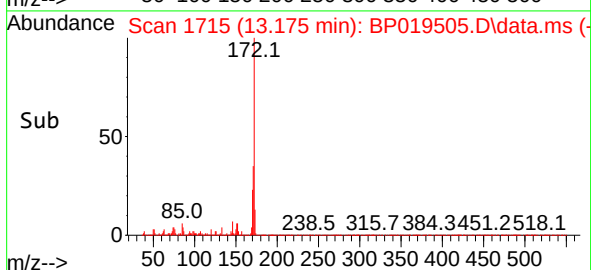
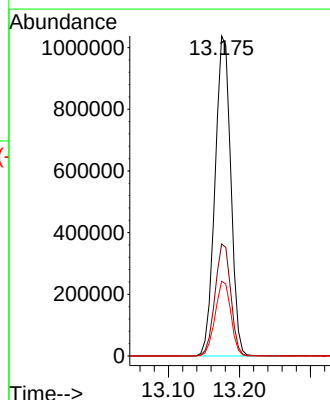
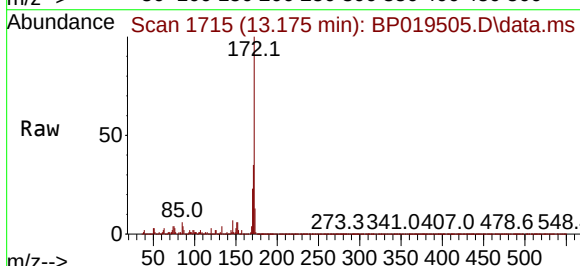
Tgt Ion:172 Resp: 1595814

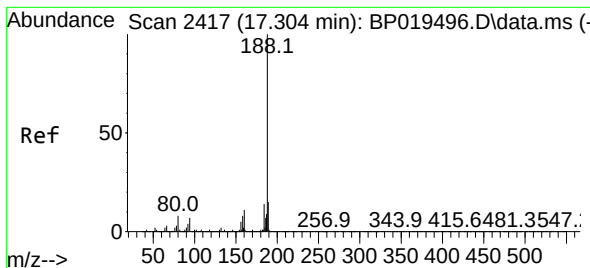
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 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: BP019505.D

Acq: 01 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

PB158213BL

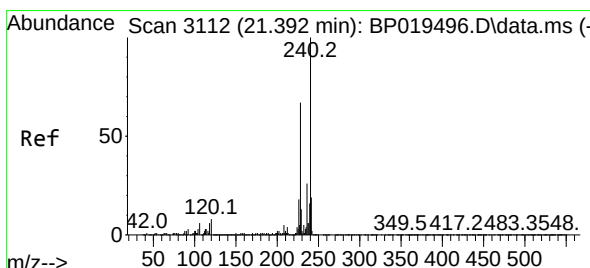
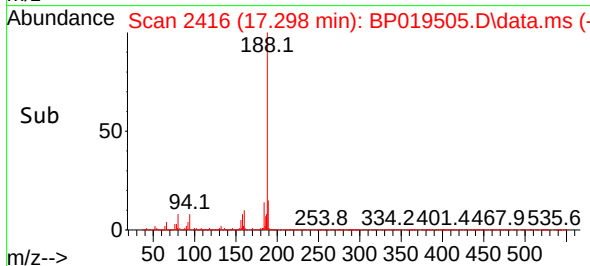
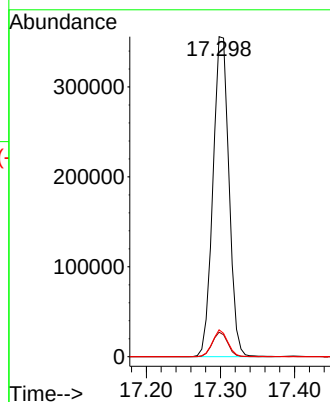
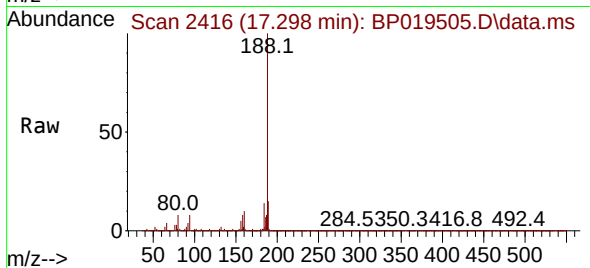
Tgt Ion:188 Resp: 534290

Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.2

80 8.4 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: BP019505.D

Acq: 01 Feb 2024 12:37

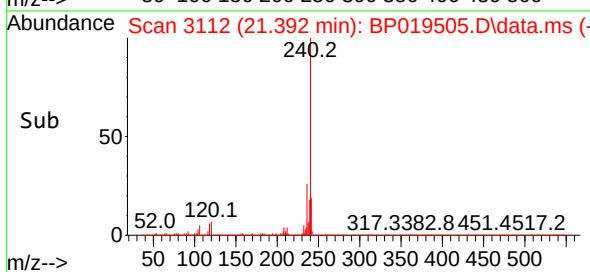
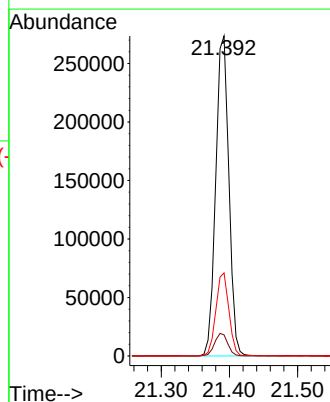
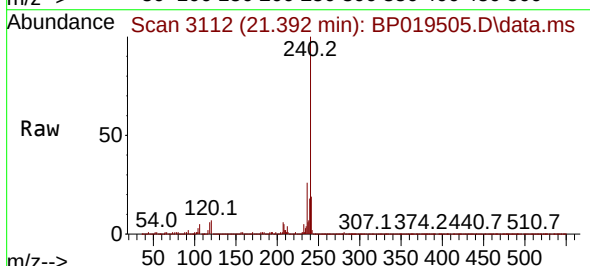
Tgt Ion:240 Resp: 367149

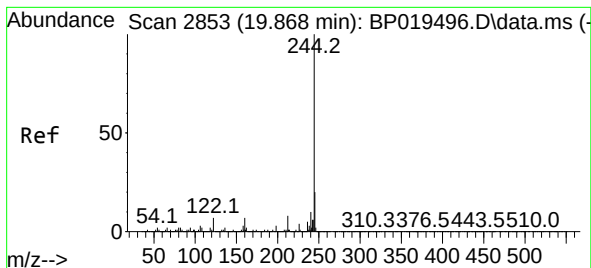
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 96.532 ng

RT: 19.869 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP019505.D

Acq: 01 Feb 2024 12:37

Instrument :

BNA_P

ClientSampleId :

PB158213BL

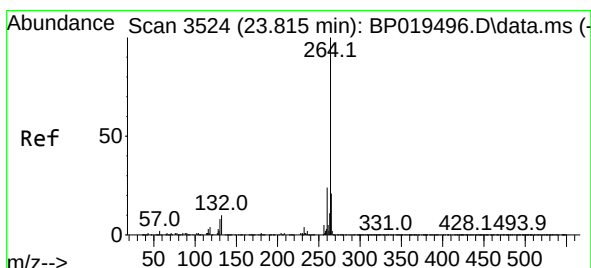
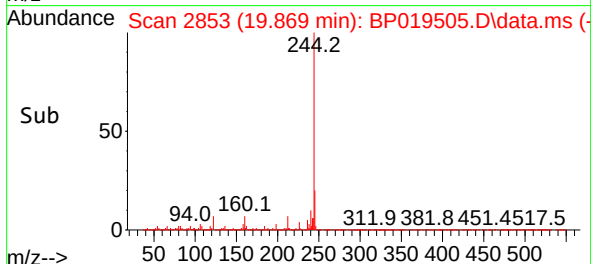
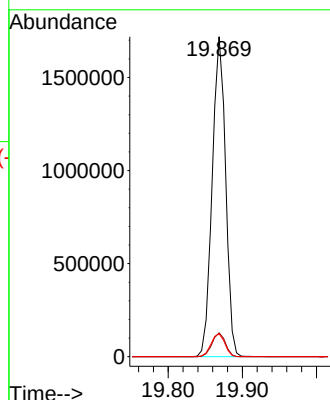
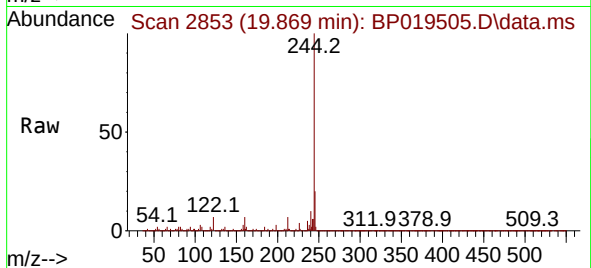
Tgt Ion:244 Resp: 2155107

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.2 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: BP019505.D

Acq: 01 Feb 2024 12:37

Tgt Ion:264 Resp: 435347

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.0 25.4

