

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022624\
 Data File : BP019885.D
 Acq On : 26 Feb 2024 18:37
 Operator : MA/JU
 Sample : PB159213BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159213BL

Quant Time: Feb 27 02:39:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	75869	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	293674	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	312043	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	661192	20.000	ng	0.00
76) Chrysene-d12	21.404	240	603114	20.000	ng	0.00
86) Perylene-d12	23.827	264	646660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	699383	151.306	ng	0.00
7) Phenol-d6	7.075	99	841611	122.293	ng	0.00
23) Nitrobenzene-d5	9.069	82	570538	78.432	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	672509	125.692	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1966236	85.135	ng	0.00
79) Terphenyl-d14	19.875	244	3399579	88.843	ng	0.00

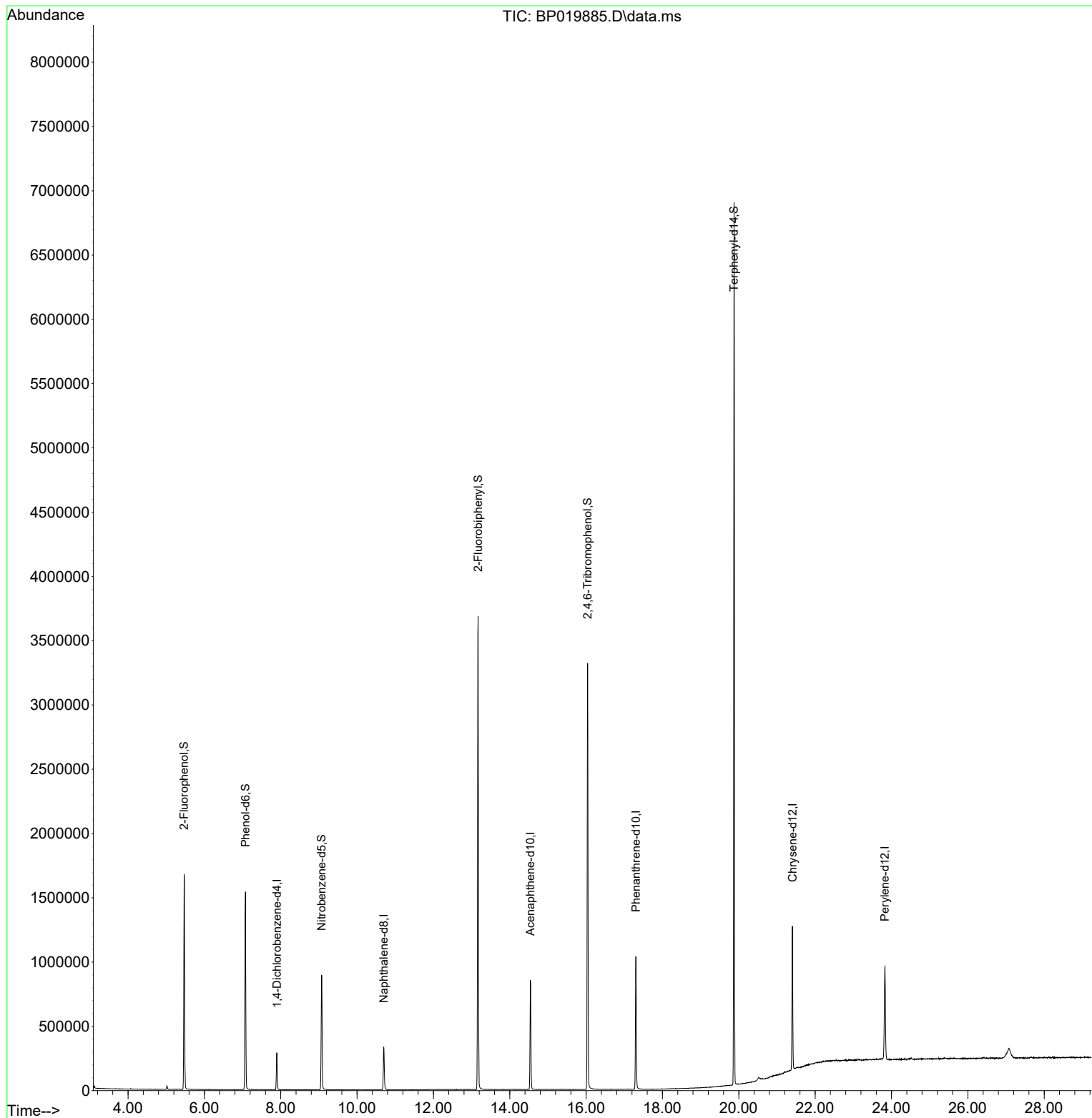
Target Compounds	Qvalue

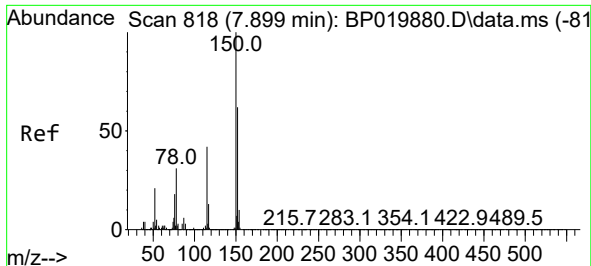
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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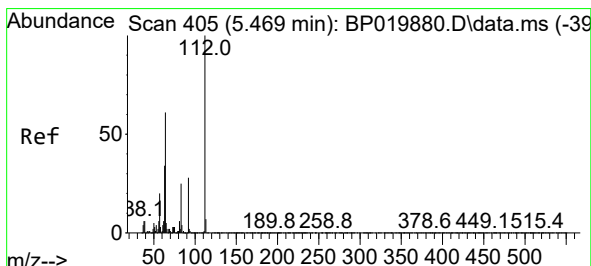
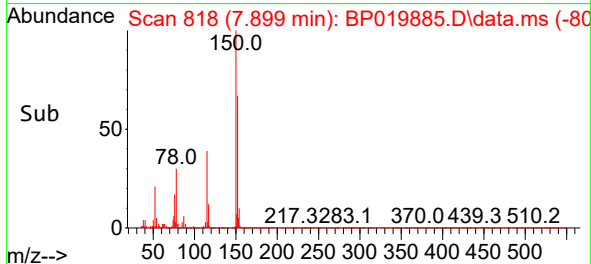
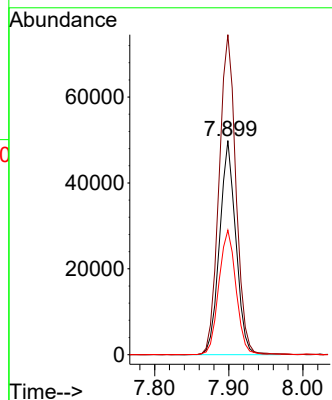
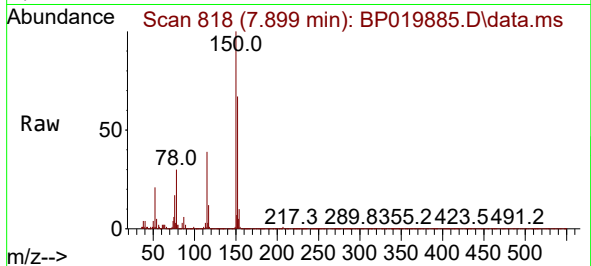




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

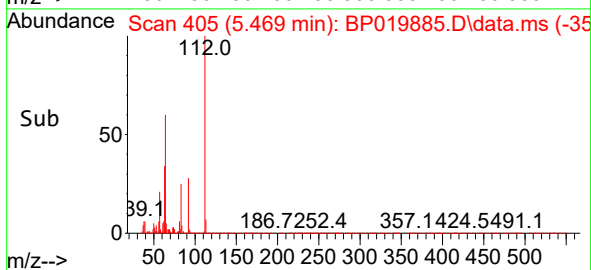
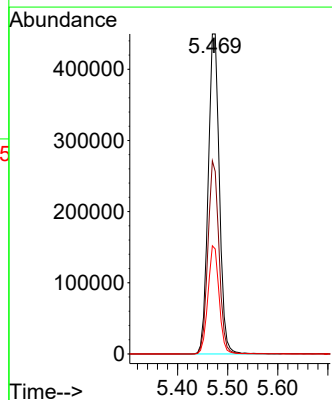
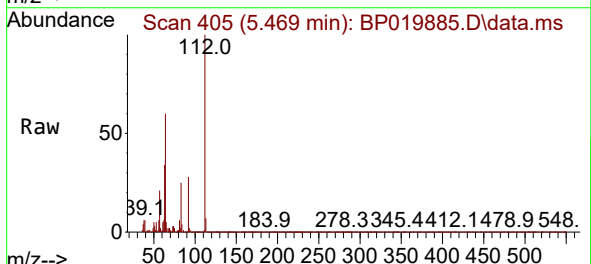
Instrument :
BNA_P
ClientSampleId :
PB159213BL

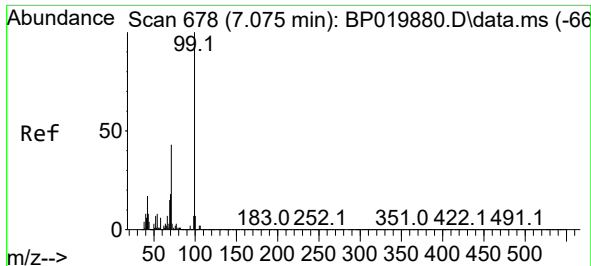
Tgt Ion:152 Resp: 75869
Ion Ratio Lower Upper
152 100
150 149.5 128.6 192.8
115 58.2 53.4 80.2



#5
2-Fluorophenol
Concen: 151.306 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

Tgt Ion:112 Resp: 699383
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.6
63 33.8 27.6 41.4

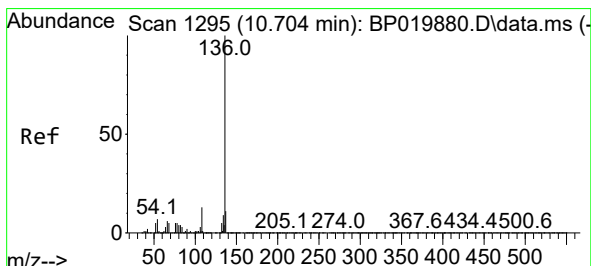
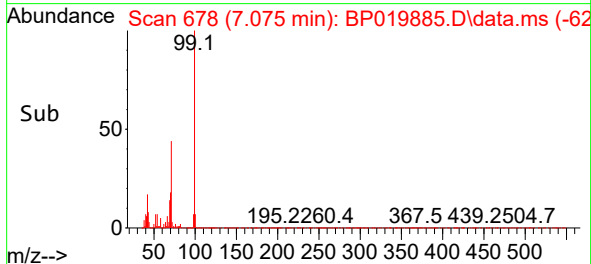
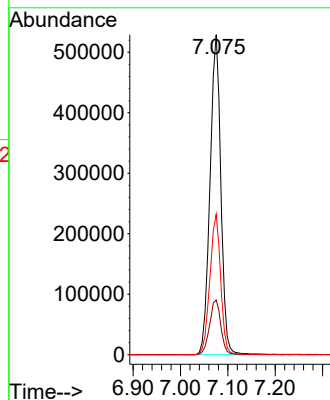
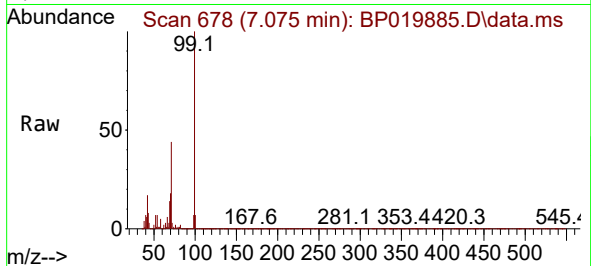




#7
Phenol-d6
Concen: 122.293 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

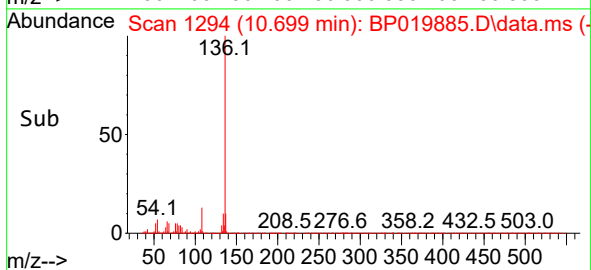
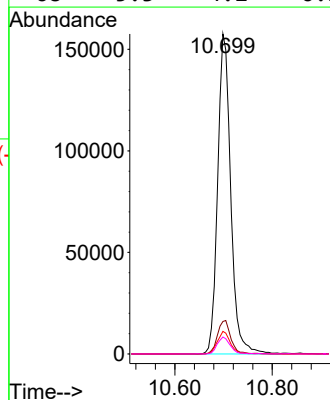
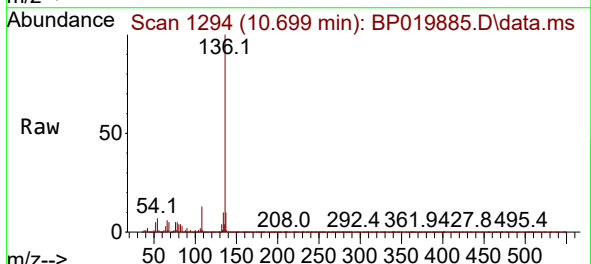
Instrument :
BNA_P
ClientSampleId :
PB159213BL

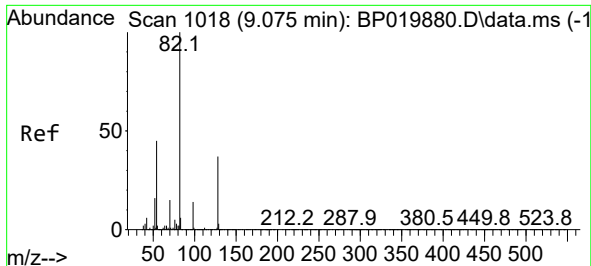
Tgt Ion: 99 Resp: 841611
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 43.8 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

Tgt Ion: 136 Resp: 293674
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 7.1 6.0 9.0
68 5.3 4.2 6.2

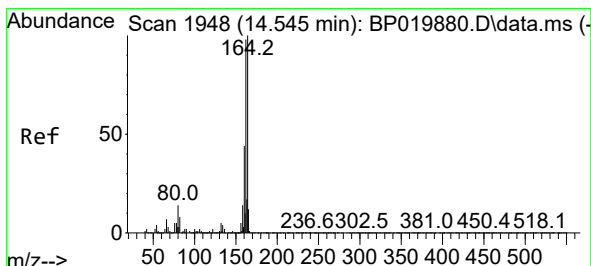
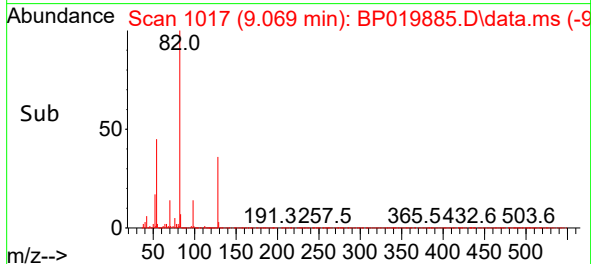
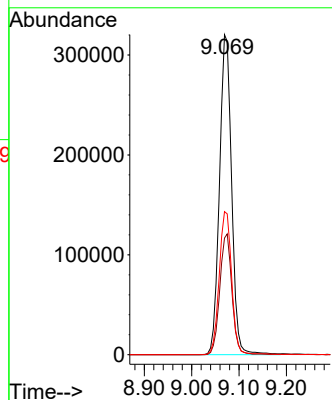
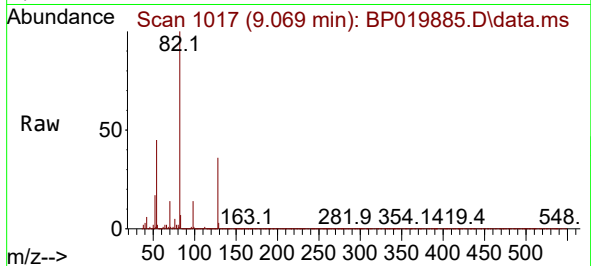




#23
Nitrobenzene-d5
Concen: 78.432 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

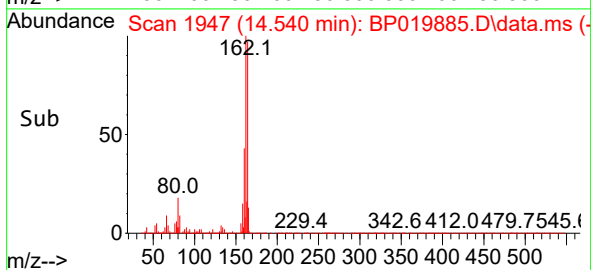
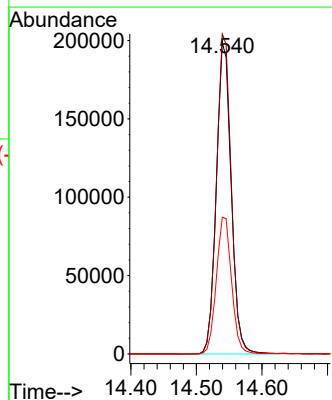
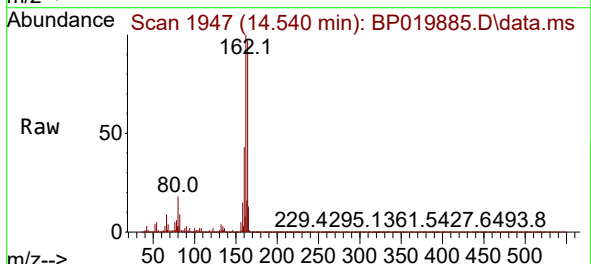
Instrument :
BNA_P
ClientSampleId :
PB159213BL

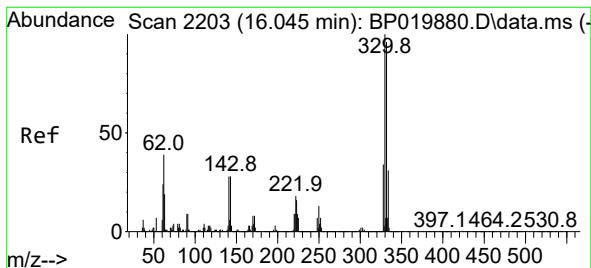
Tgt Ion: 82 Resp: 570538
Ion Ratio Lower Upper
82 100
128 36.4 29.6 44.4
54 44.7 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019885.D
Acq: 26 Feb 2024 18:37

Tgt Ion:164 Resp: 312043
Ion Ratio Lower Upper
164 100
162 102.7 78.1 117.1
160 43.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 125.692 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

Instrument :

BNA_P

ClientSampleId :

PB159213BL

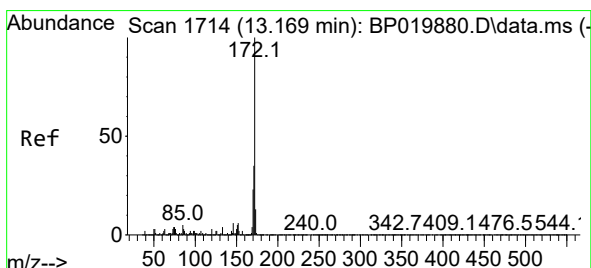
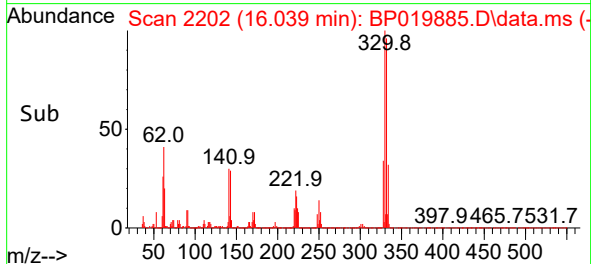
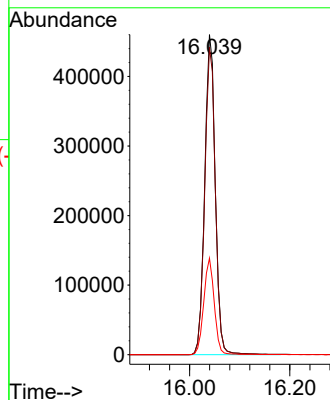
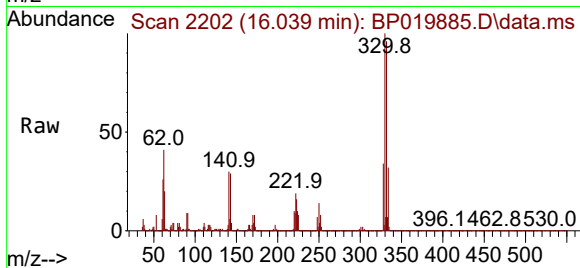
Tgt Ion:330 Resp: 672509

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 30.1 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 85.135 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

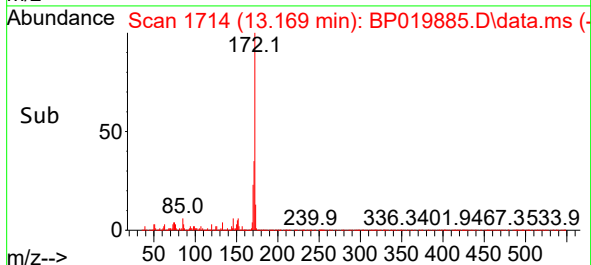
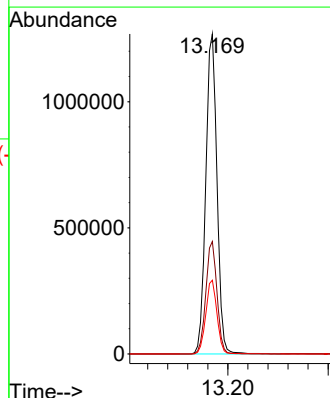
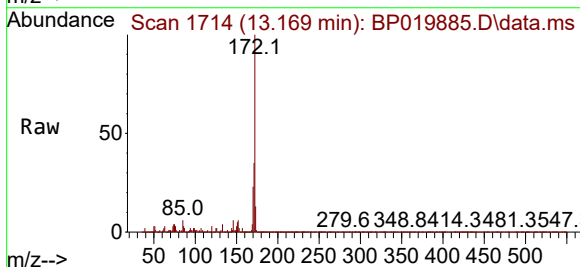
Tgt Ion:172 Resp: 1966236

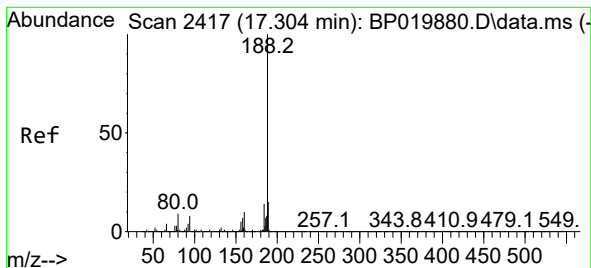
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

Instrument :

BNA_P

ClientSampleId :

PB159213BL

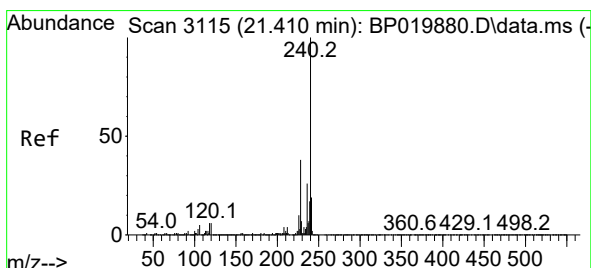
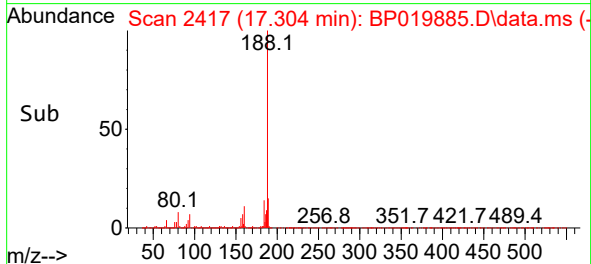
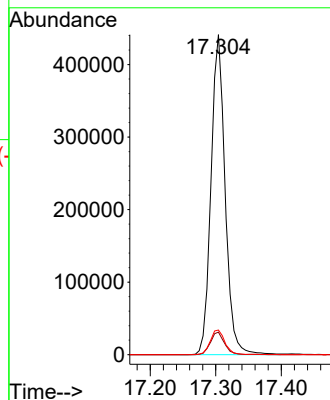
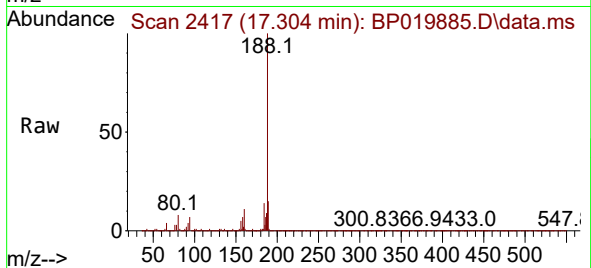
Tgt Ion:188 Resp: 661192

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

80 7.7 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

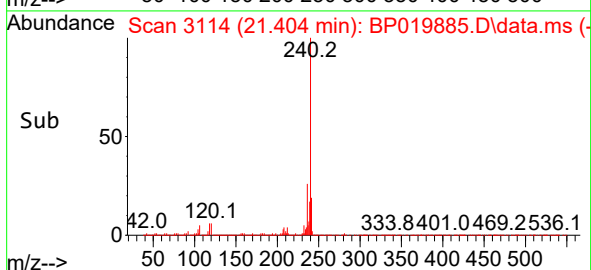
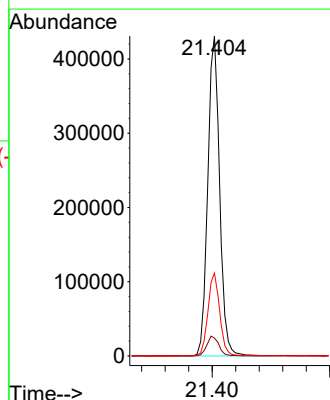
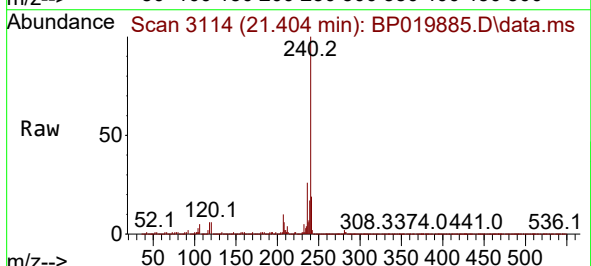
Tgt Ion:240 Resp: 603114

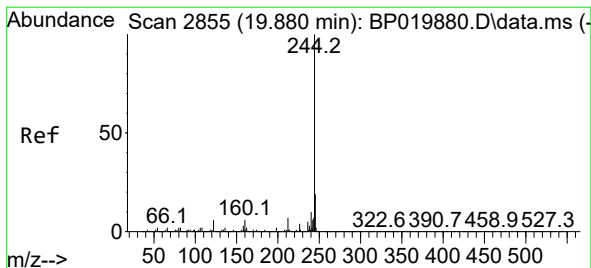
Ion Ratio Lower Upper

240 100

120 5.6 5.1 7.7

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 88.843 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

Instrument :

BNA_P

ClientSampleId :

PB159213BL

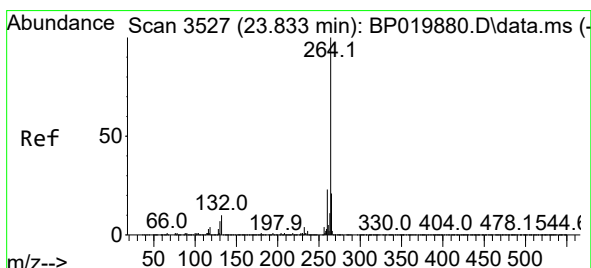
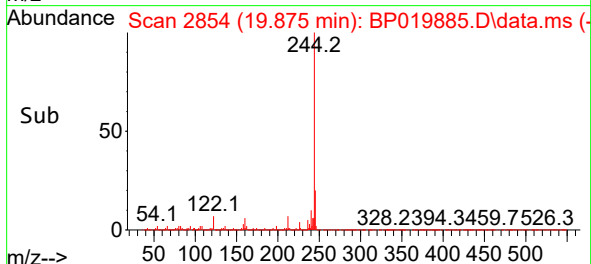
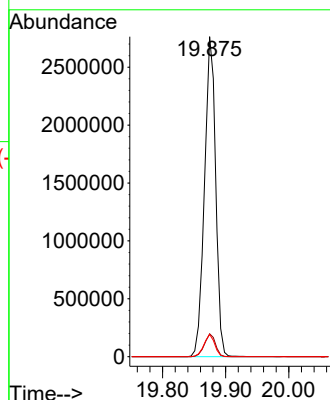
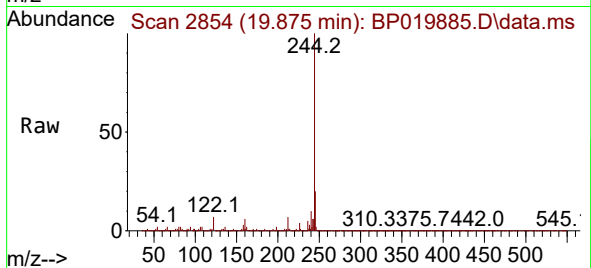
Tgt Ion:244 Resp: 3399579

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 6.9 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP019885.D

Acq: 26 Feb 2024 18:37

Tgt Ion:264 Resp: 646660

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.0 17.4 26.2

