

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019781.D
 Acq On : 20 Feb 2024 12:25
 Operator : MA/JU
 Sample : PB159009TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159009TB

Quant Time: Feb 20 13:39:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	75619	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	263641	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	167961	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	413459	20.000	ng	0.00
76) Chrysene-d12	21.386	240	408561	20.000	ng	0.00
86) Perylene-d12	23.810	264	494009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	480488	102.423	ng	0.00
7) Phenol-d6	7.075	99	589086	93.129	ng	0.00
23) Nitrobenzene-d5	9.069	82	412619	67.817	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	343869	140.220	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	947090	69.708	ng	0.00
79) Terphenyl-d14	19.863	244	1905438	76.698	ng	0.00

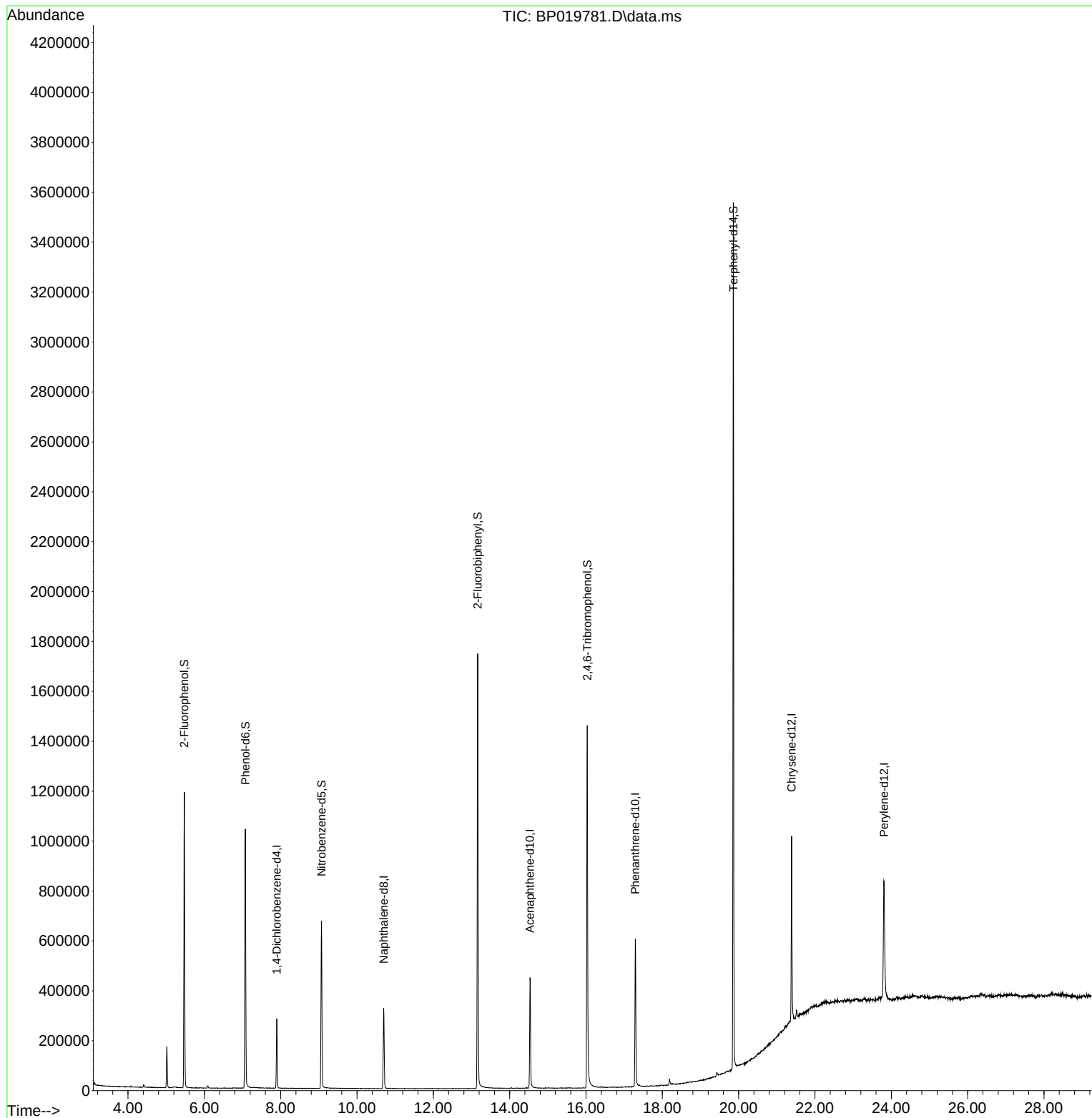
Target Compounds	Qvalue

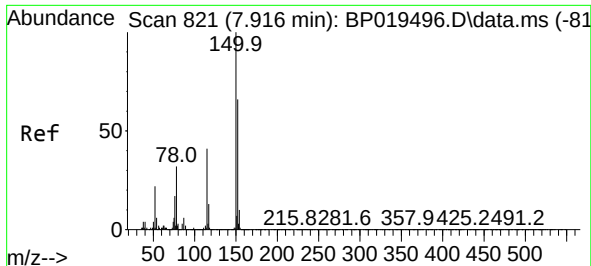
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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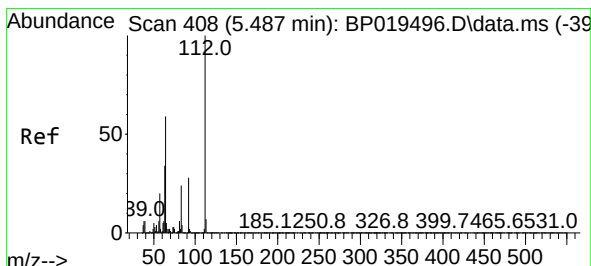
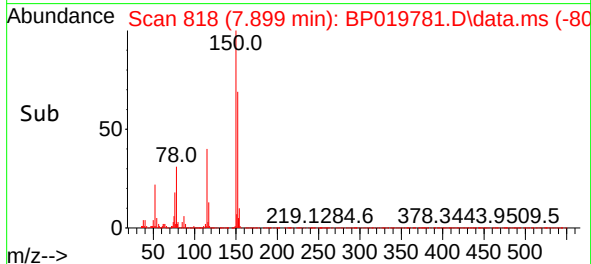
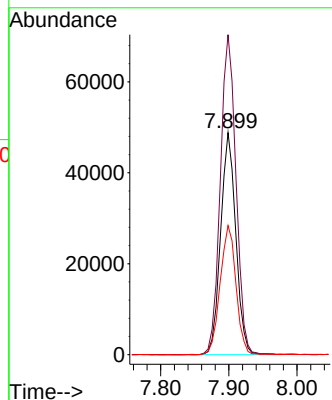
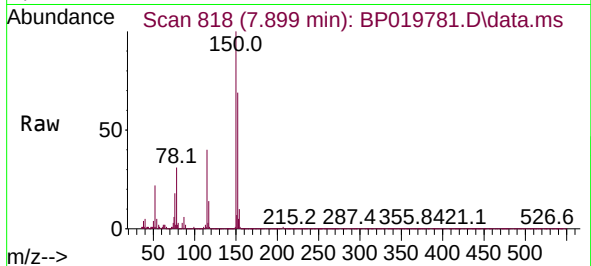




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

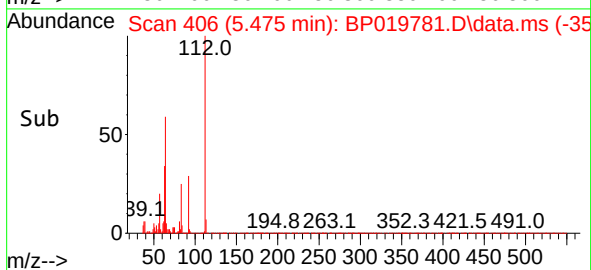
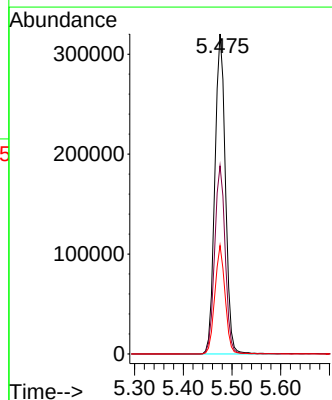
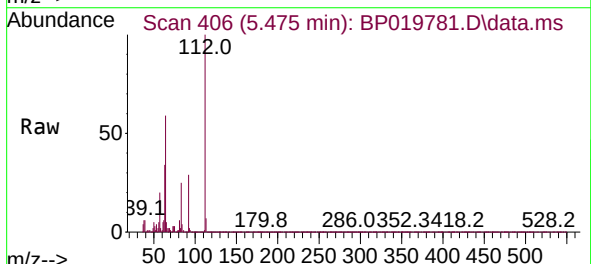
Instrument :
BNA_P
ClientSampleId :
PB159009TB

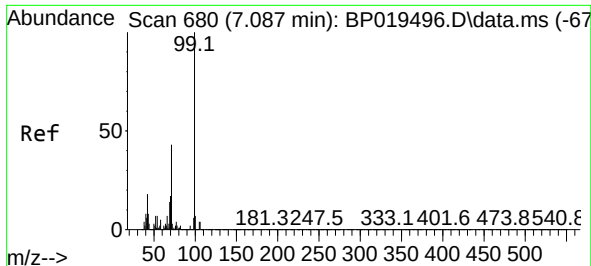
Tgt Ion:152 Resp: 75619
Ion Ratio Lower Upper
152 100
150 144.0 121.8 182.8
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 102.423 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

Tgt Ion:112 Resp: 480488
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 33.9 27.0 40.6

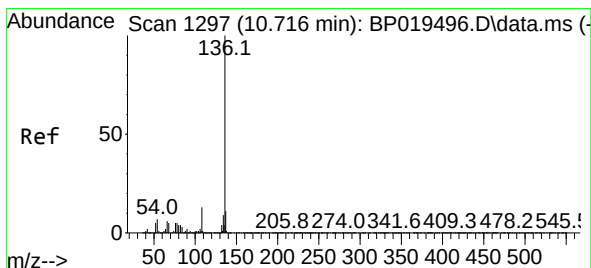
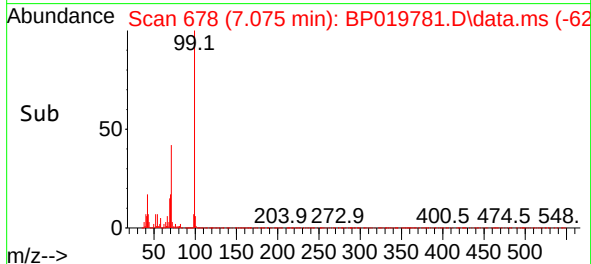
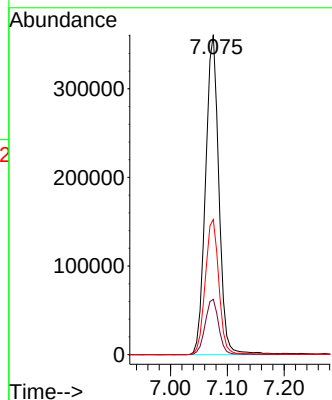
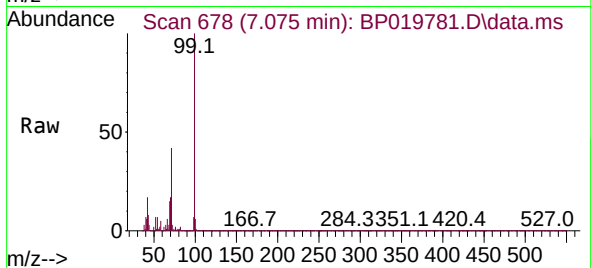




#7
Phenol-d6
Concen: 93.129 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

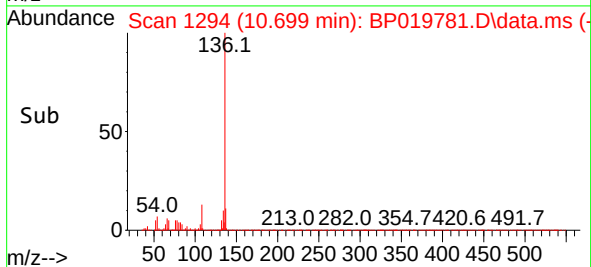
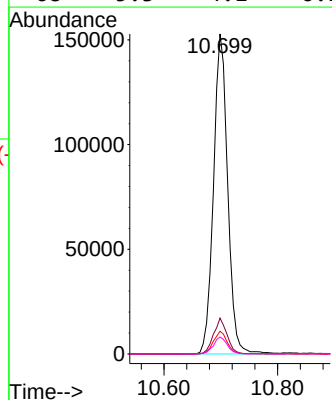
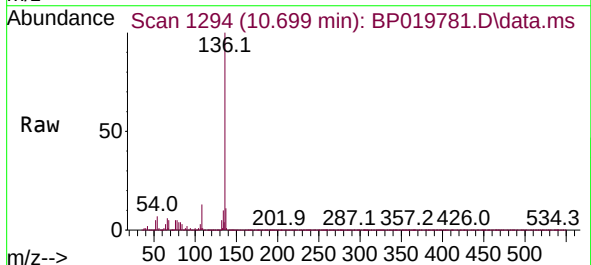
Instrument :
BNA_P
ClientSampleId :
PB159009TB

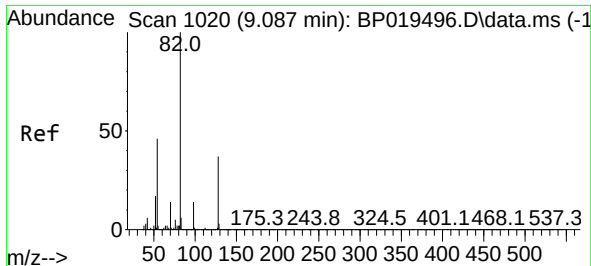
Tgt Ion: 99 Resp: 589086
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

Tgt Ion: 136 Resp: 263641
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.1 5.3 7.9
68 5.3 4.1 6.1

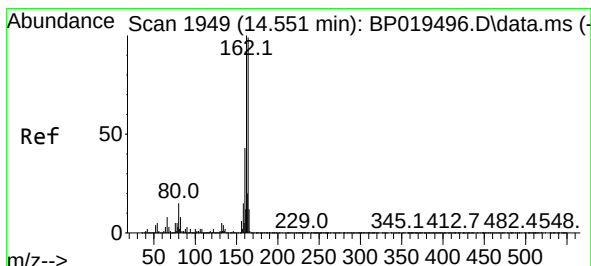
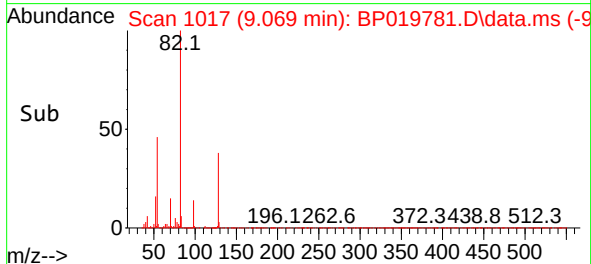
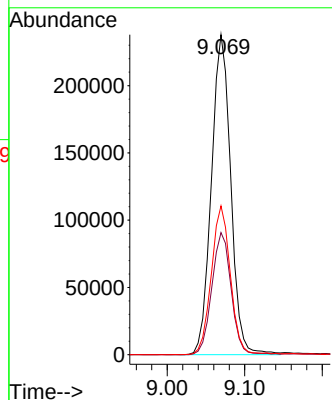
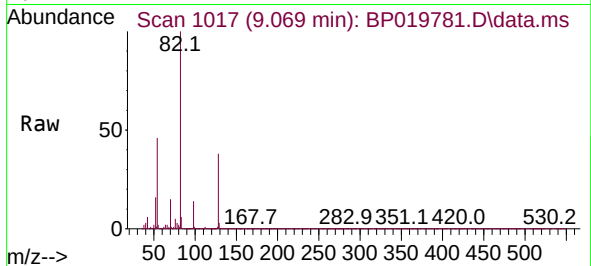




#23
Nitrobenzene-d5
Concen: 67.817 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

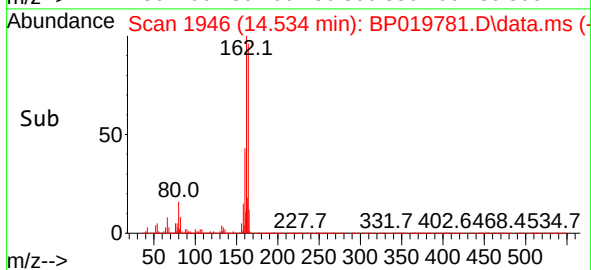
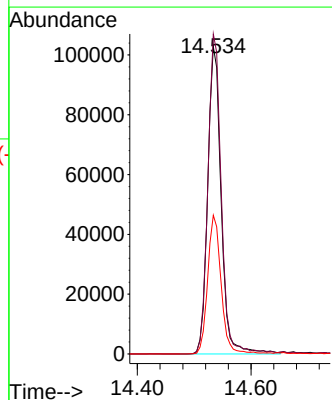
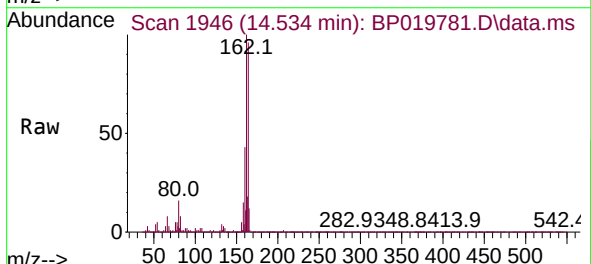
Instrument :
BNA_P
ClientSampleId :
PB159009TB

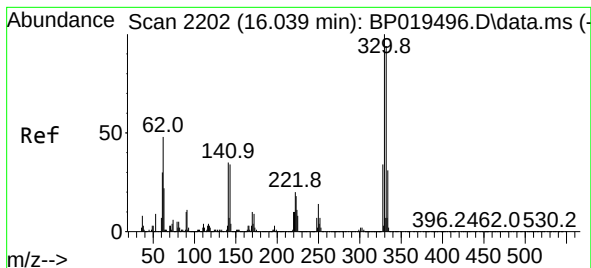
Tgt Ion: 82 Resp: 412619
Ion Ratio Lower Upper
82 100
128 38.1 29.7 44.5
54 46.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019781.D
Acq: 20 Feb 2024 12:25

Tgt Ion: 164 Resp: 167961
Ion Ratio Lower Upper
164 100
162 104.1 81.2 121.8
160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 140.220 ng

RT: 16.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019781.D

Acq: 20 Feb 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PB159009TB

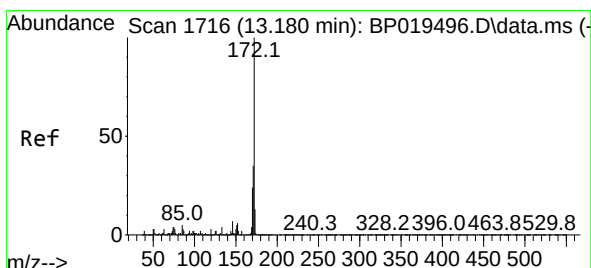
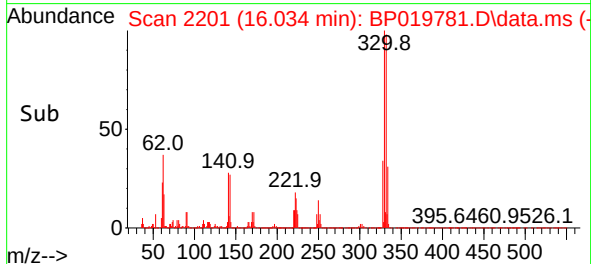
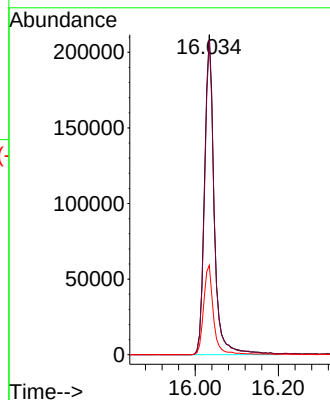
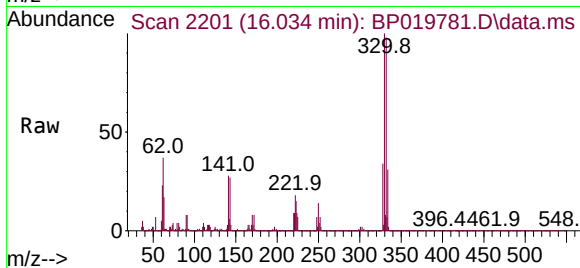
Tgt Ion:330 Resp: 343869

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 69.708 ng

RT: 13.163 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP019781.D

Acq: 20 Feb 2024 12:25

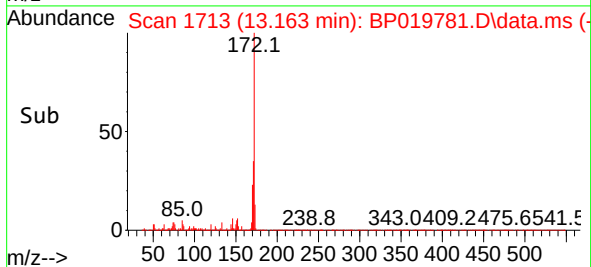
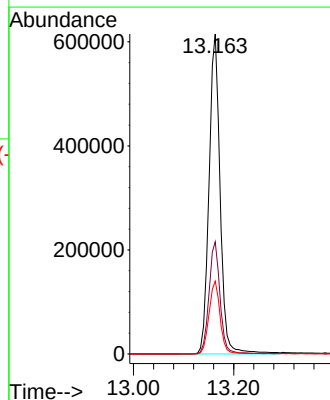
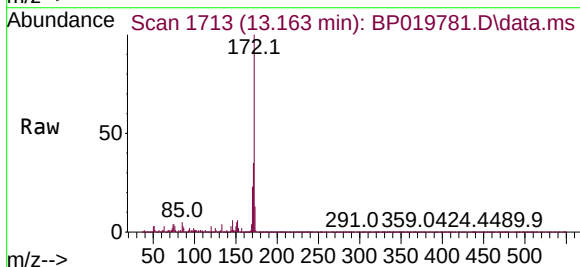
Tgt Ion:172 Resp: 947090

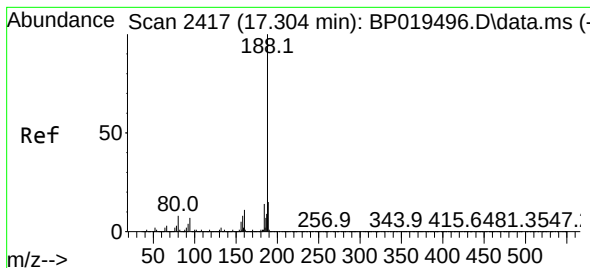
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019781.D

Acq: 20 Feb 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PB159009TB

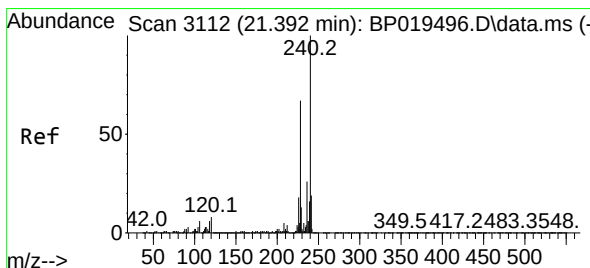
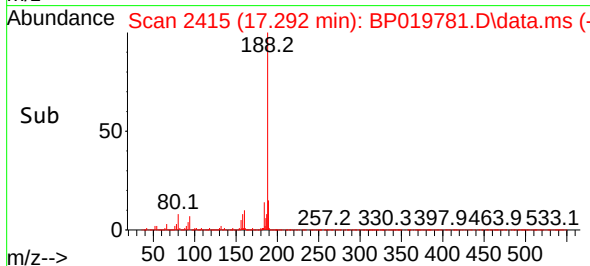
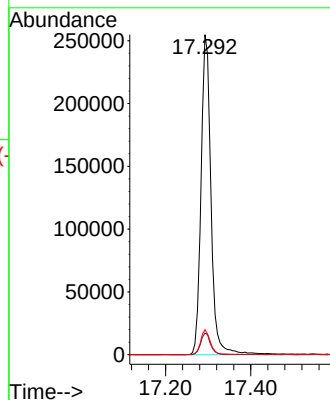
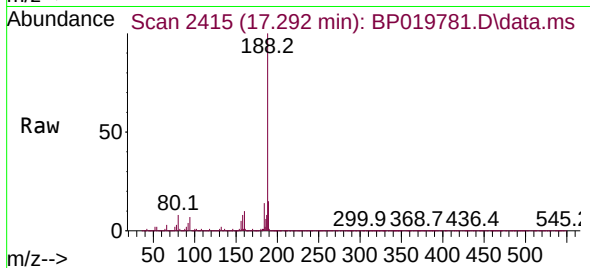
Tgt Ion:188 Resp: 413459

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.8 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: BP019781.D

Acq: 20 Feb 2024 12:25

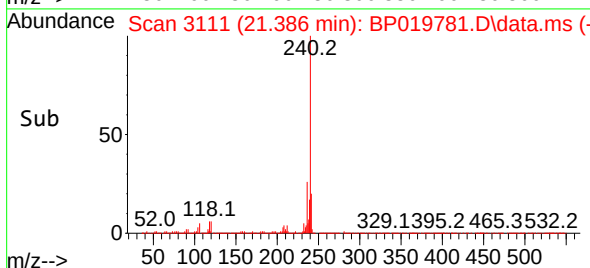
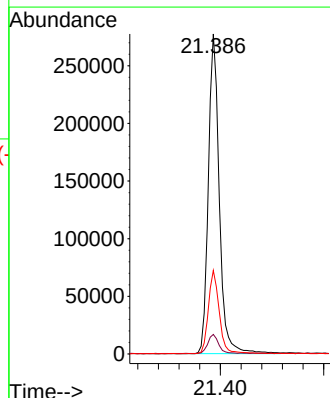
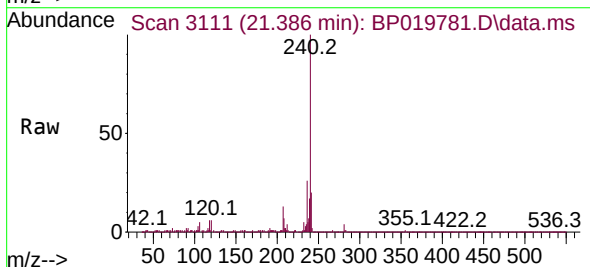
Tgt Ion:240 Resp: 408561

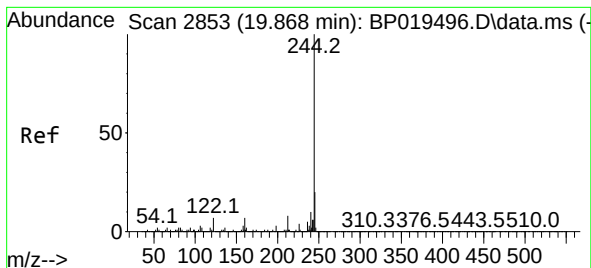
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 76.698 ng

RT: 19.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019781.D

Acq: 20 Feb 2024 12:25

Instrument :

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PB159009TB

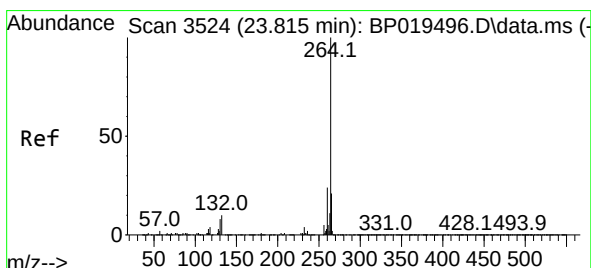
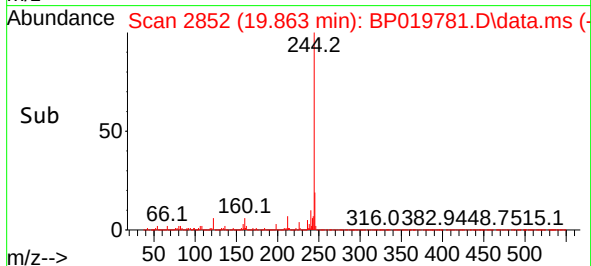
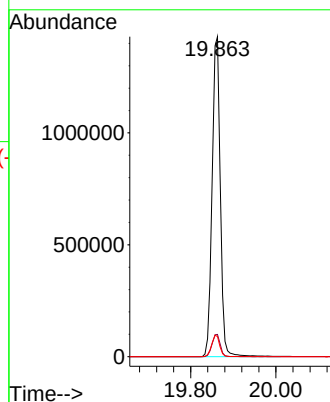
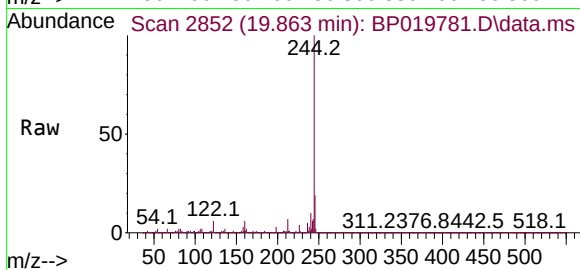
Tgt Ion:244 Resp: 1905438

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. 0.000 min

Lab File: BP019781.D

Acq: 20 Feb 2024 12:25

Tgt Ion:264 Resp: 494009

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.1 17.0 25.4

