

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
 Data File : BP020467.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 29 02:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 01:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	338587	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1398964	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	908975	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1889824	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1480162	20.000	ng	-0.01
86) Perylene-d12	25.033	264	1377802	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2546780	132.368	ng	0.00
7) Phenol-d6	6.934	99	3293369	125.159	ng	0.00
23) Nitrobenzene-d5	8.916	82	2051236	81.787	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1140745	133.096	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4759205	76.055	ng	0.00
79) Terphenyl-d14	19.957	244	6910169	79.066	ng	0.00

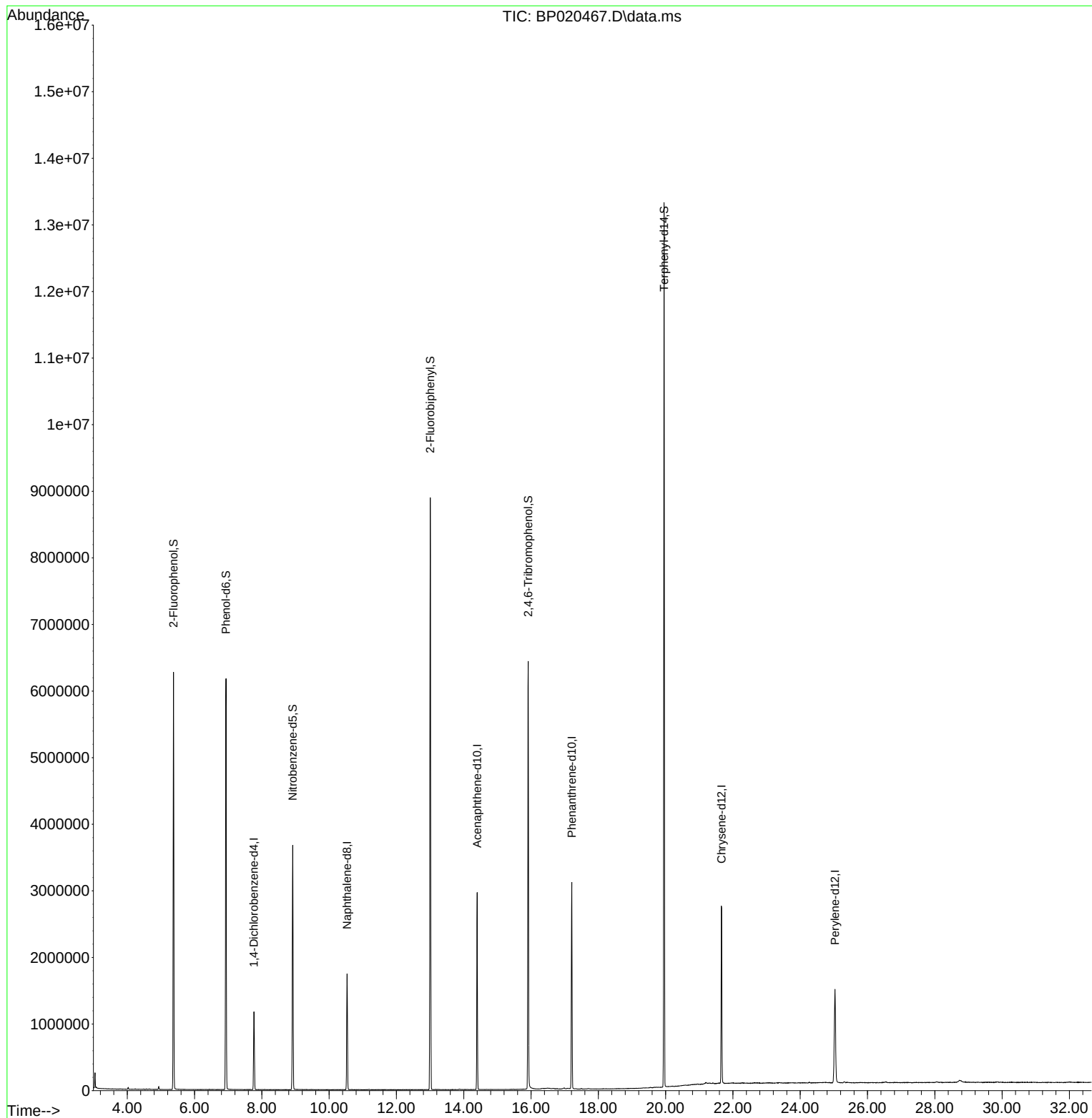
Target Compounds	Qvalue

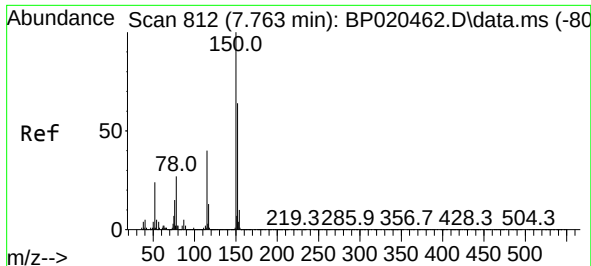
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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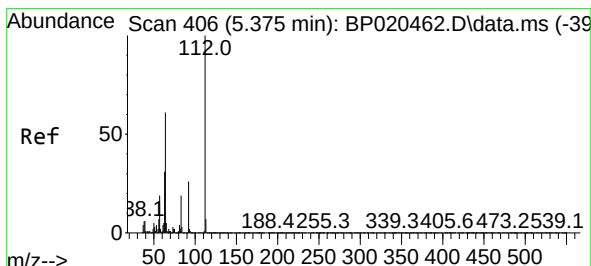
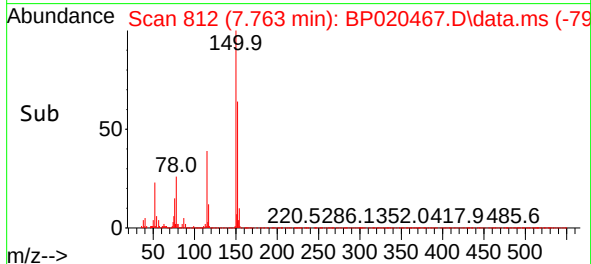
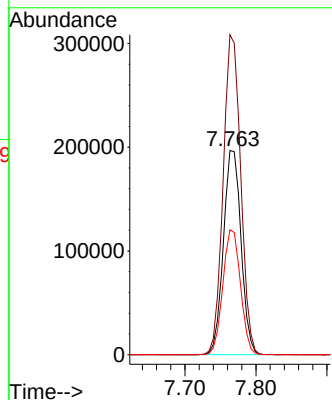
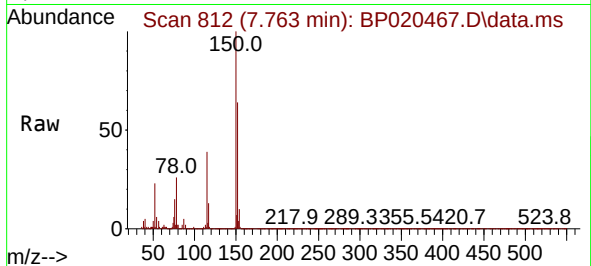




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

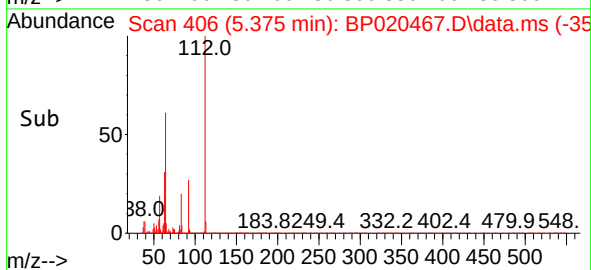
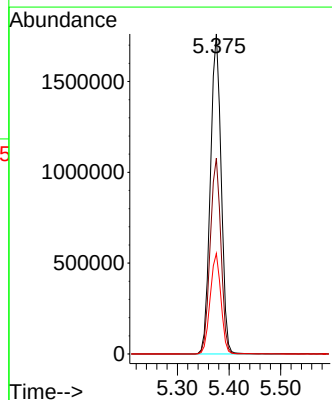
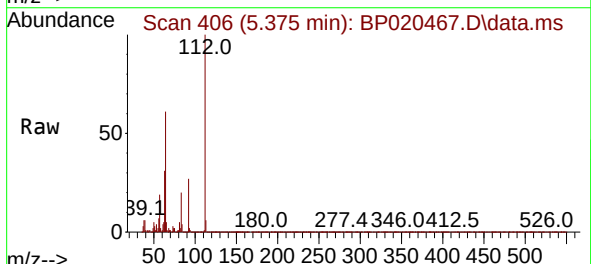
Instrument :
BNA_P
ClientSampleId :
PB160983BL

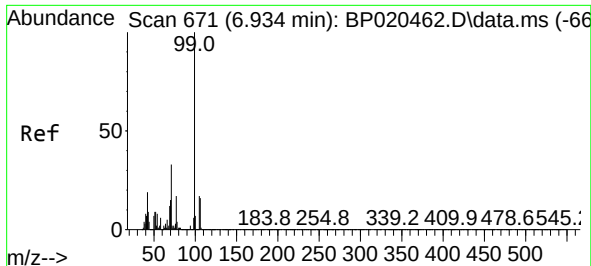
Tgt Ion:152 Resp: 338587
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 132.368 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:112 Resp: 2546780
Ion Ratio Lower Upper
112 100
64 61.2 48.5 72.7
63 31.4 25.0 37.6



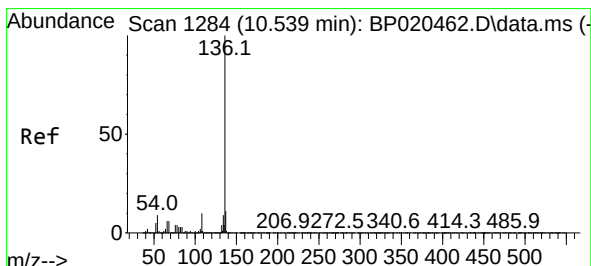
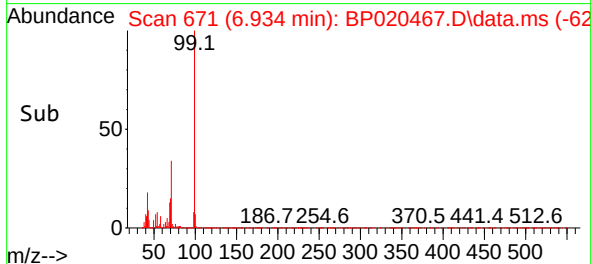
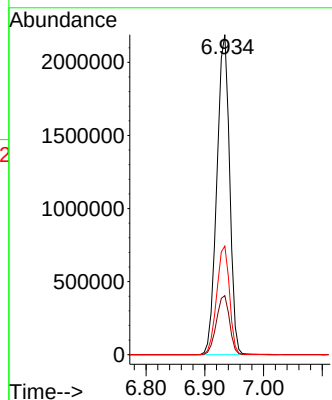
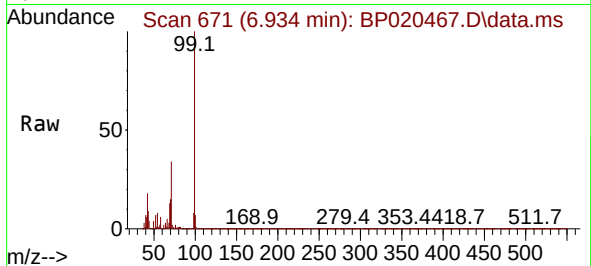


#7
Phenol-d6
Concen: 125.159 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Instrument :
BNA_P
ClientSampleId :
PB160983BL

Tgt Ion: 99 Resp: 3293369

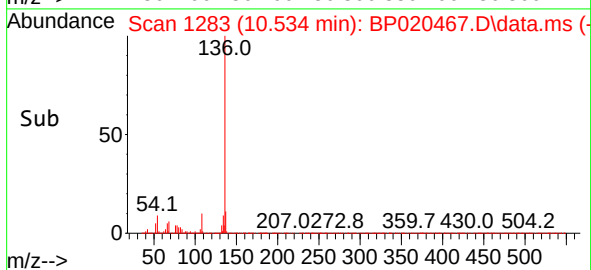
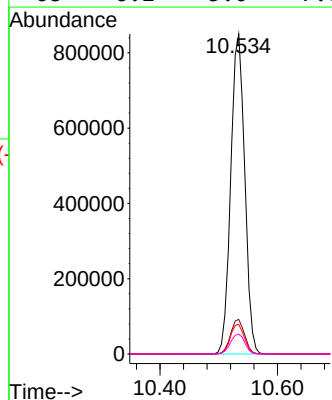
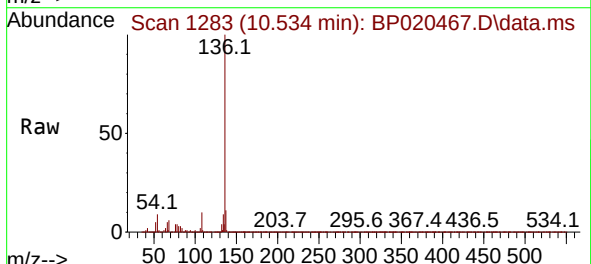
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	33.9	26.5	39.7

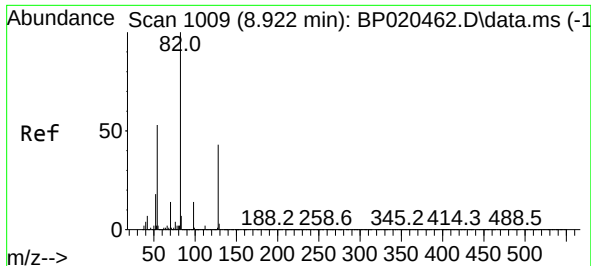


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion: 136 Resp: 1398964

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.2	7.3	10.9
68	6.2	5.0	7.6

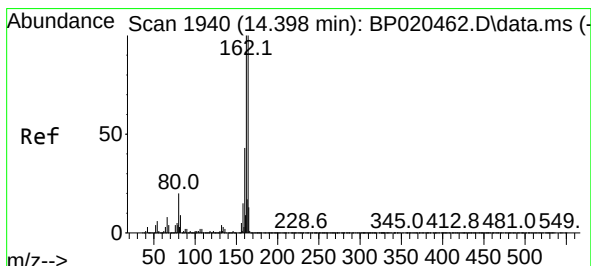
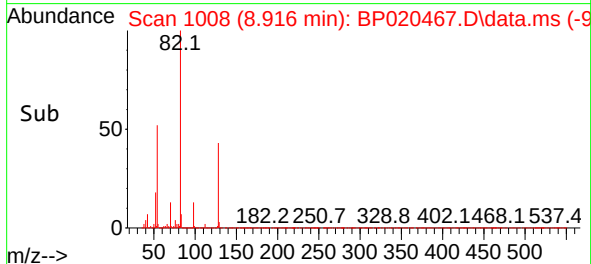
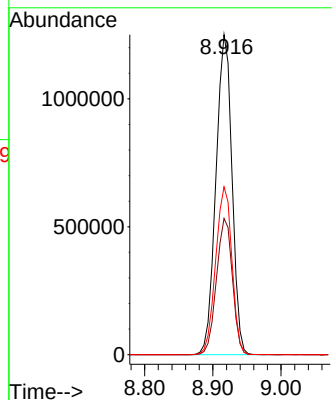
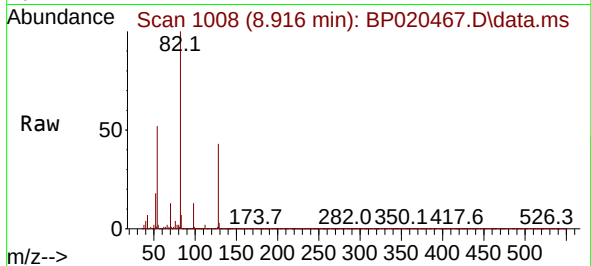




#23
Nitrobenzene-d5
Concen: 81.787 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

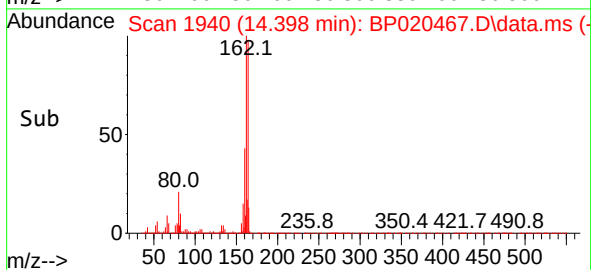
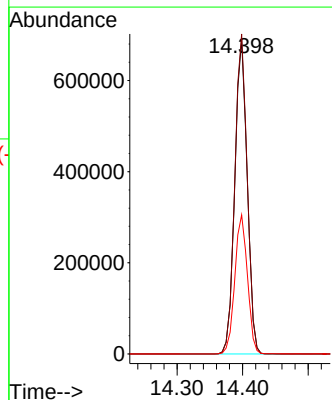
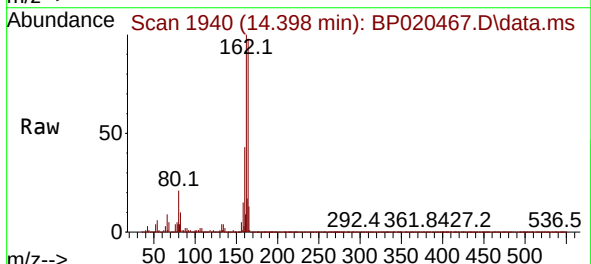
Instrument :
BNA_P
ClientSampleId :
PB160983BL

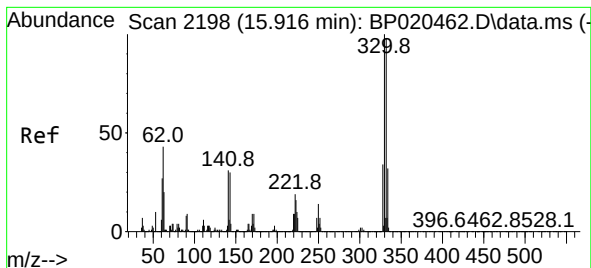
Tgt Ion: 82 Resp: 2051236
Ion Ratio Lower Upper
82 100
128 42.5 34.6 51.8
54 52.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion: 164 Resp: 908975
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 44.2 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 133.096 ng

RT: 15.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL

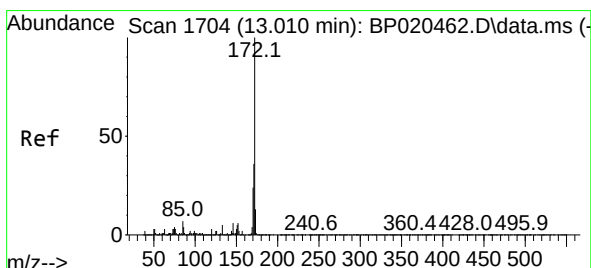
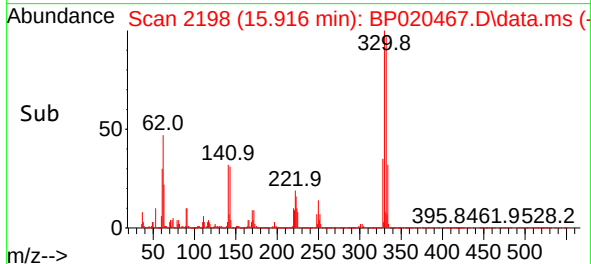
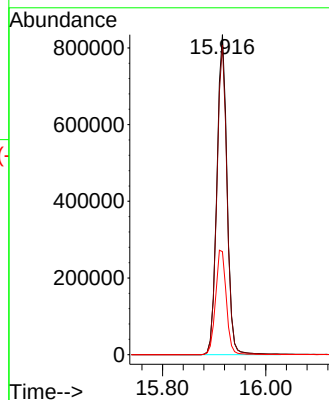
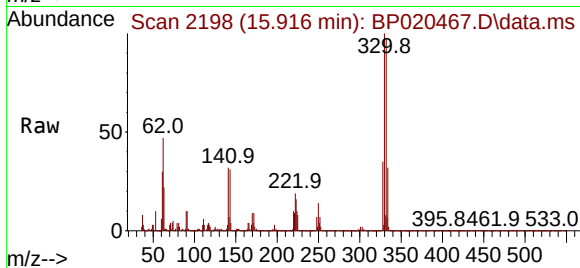
Tgt Ion:330 Resp: 1140745

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 34.5 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 76.055 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

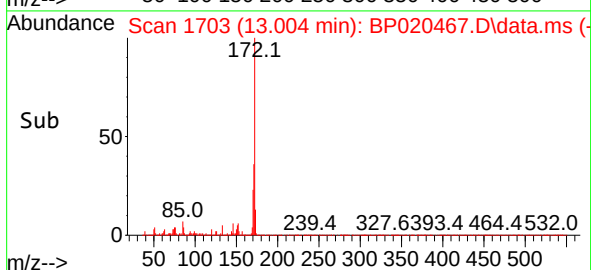
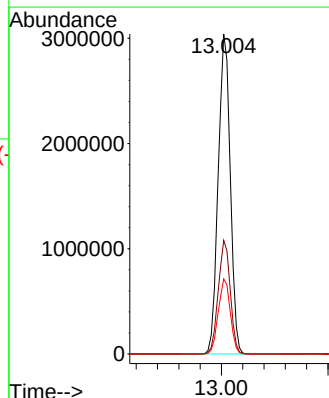
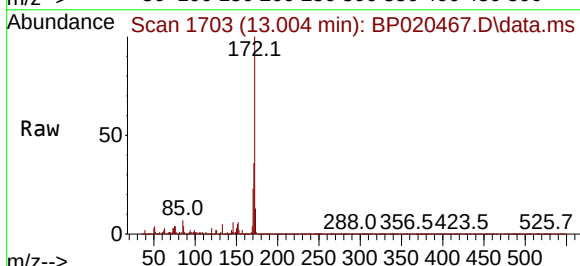
Tgt Ion:172 Resp: 4759205

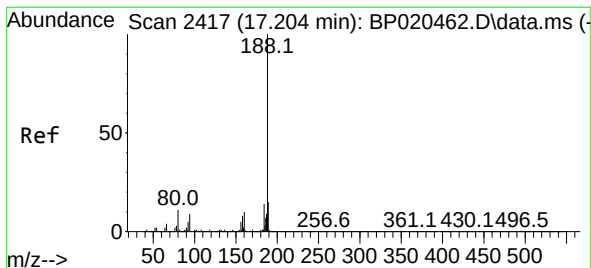
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL

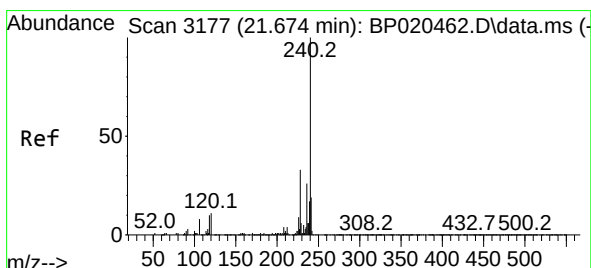
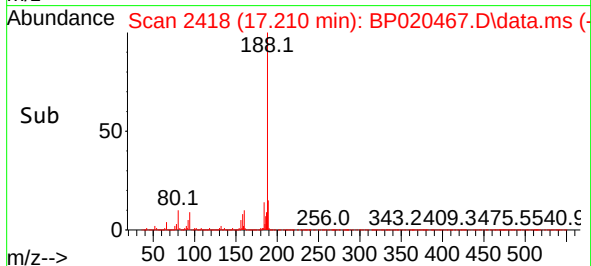
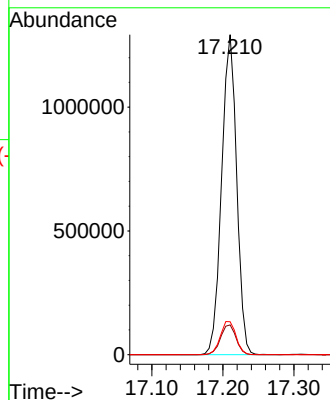
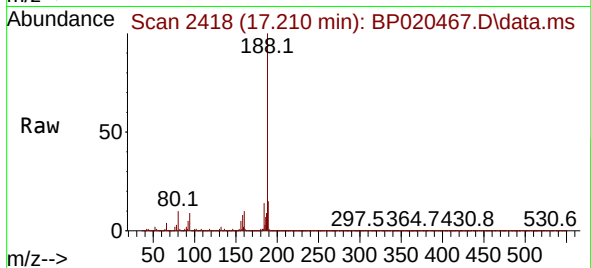
Tgt Ion:188 Resp: 1889824

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.3 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3175

Delta R.T. -0.011 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

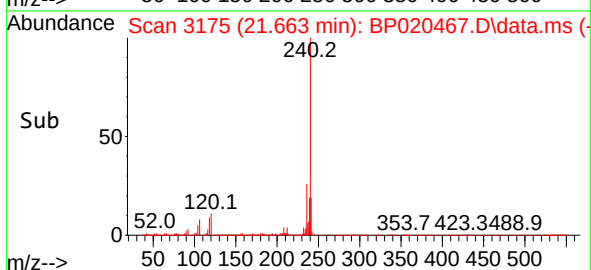
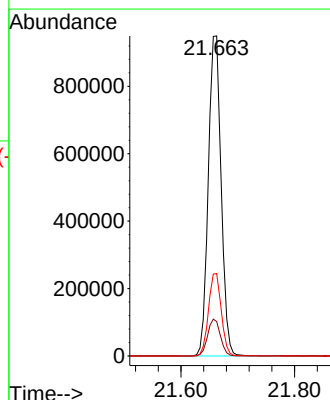
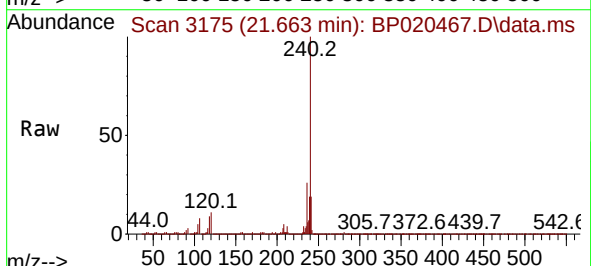
Tgt Ion:240 Resp: 1480162

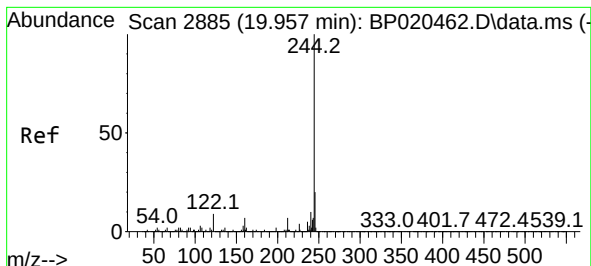
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 79.066 ng

RT: 19.957 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL

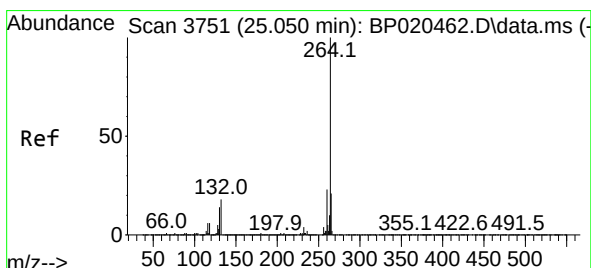
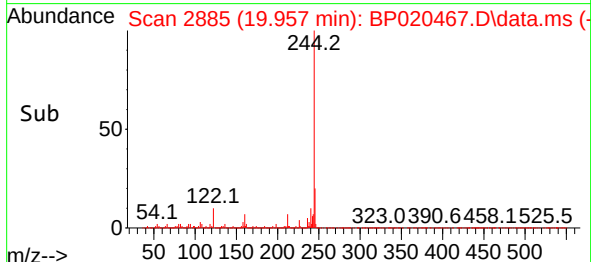
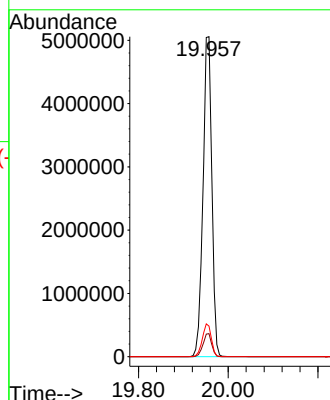
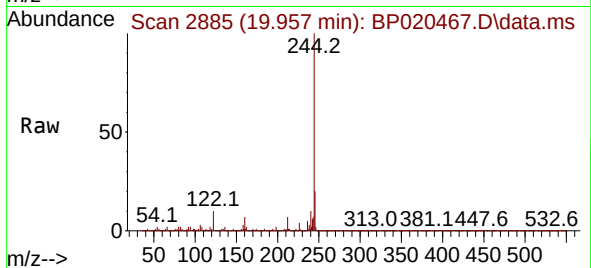
Tgt Ion:244 Resp: 6910169

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.6 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3748

Delta R.T. -0.017 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Tgt Ion:264 Resp: 1377802

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.3 17.3 25.9

