

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
 Data File : BP020445.D
 Acq On : 22 May 2024 22:24
 Operator : MA/JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 23 02:36:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 02:14:59 2024
 Response via : Initial Calibration

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

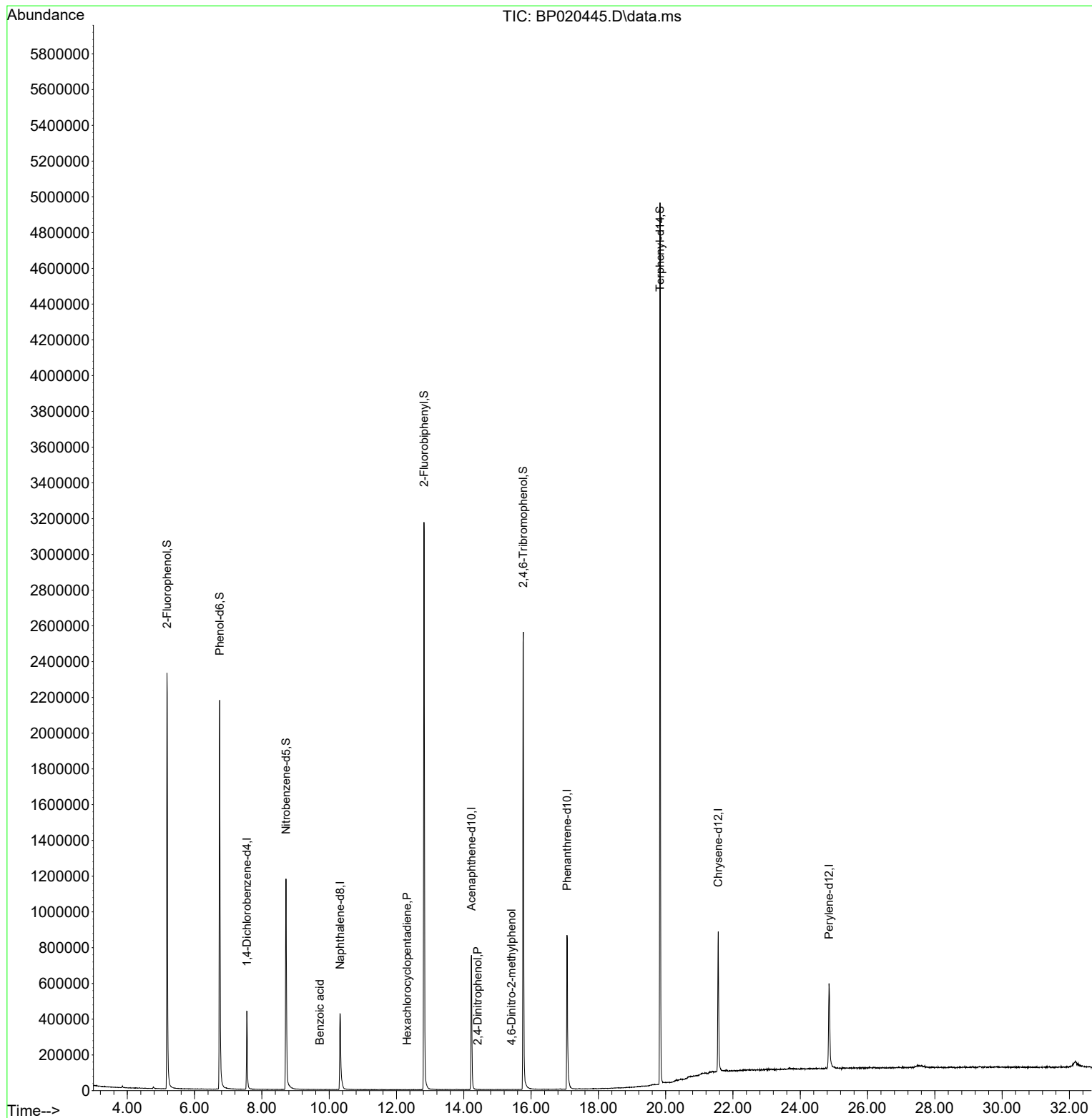
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	125899	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	495487	20.000	ng	0.00
39) Acenaphthene-d10	14.228	164	325482	20.000	ng	0.00
64) Phenanthrene-d10	17.069	188	693213	20.000	ng	0.00
76) Chrysene-d12	21.563	240	538485	20.000	ng	0.01
86) Perylene-d12	24.857	264	516034	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1009833	148.067	ng	0.00
7) Phenol-d6	6.746	99	1308536	137.043	ng	0.00
23) Nitrobenzene-d5	8.716	82	841734	81.281	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	584875	138.302	ng	-0.01
45) 2-Fluorobiphenyl	12.822	172	1890536	80.271	ng	0.00
79) Terphenyl-d14	19.833	244	2883389	91.612	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.722	122	15	5.725	ng	# 1
41) Hexachlorocyclopentadiene	12.316	237	6	5.487	ng	# 63
54) 2,4-Dinitrophenol	14.410	184	2	4.240	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.416	198	10	4.000	ng	# 1

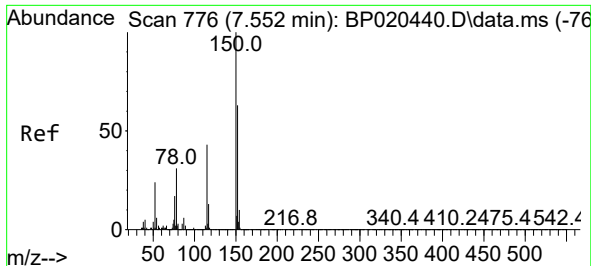
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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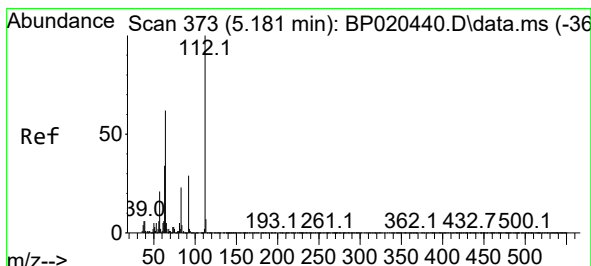
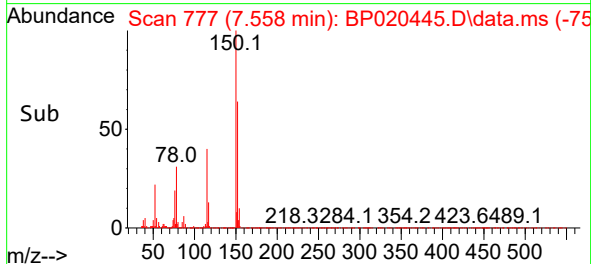
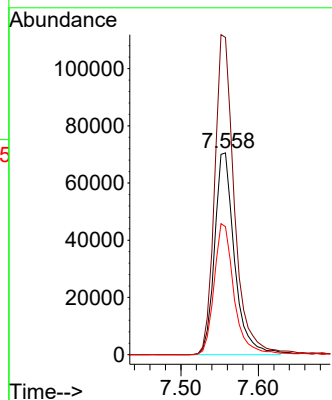
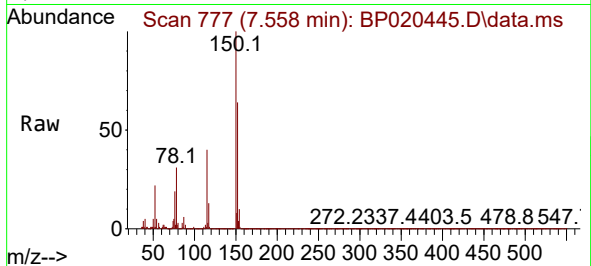




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

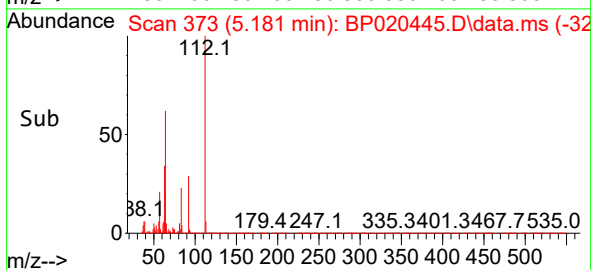
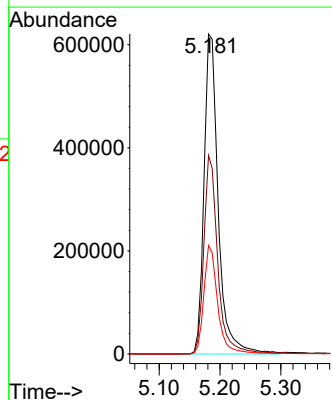
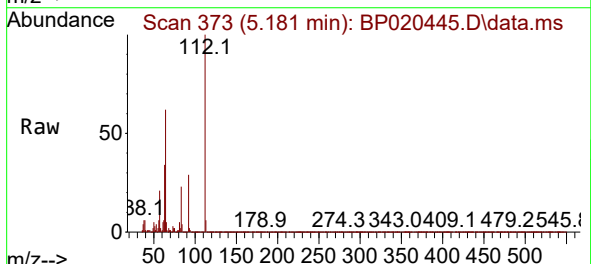
Instrument :
BNA_P
ClientSampleId :
PB160983BL

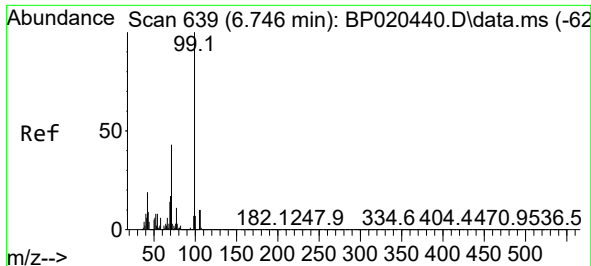
Tgt Ion:152 Resp: 125899
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 63.4 53.8 80.8



#5
2-Fluorophenol
Concen: 148.067 ng
RT: 5.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

Tgt Ion:112 Resp: 1009833
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 33.9 27.4 41.2

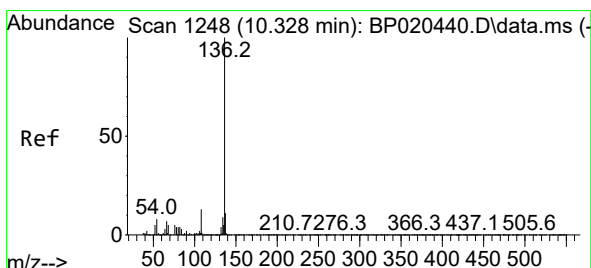
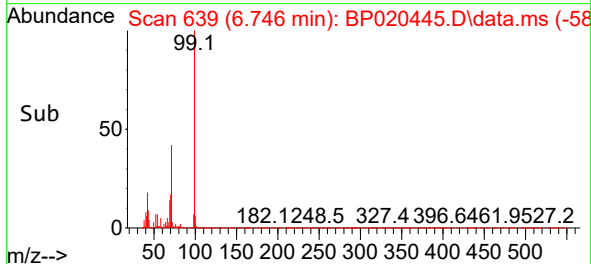
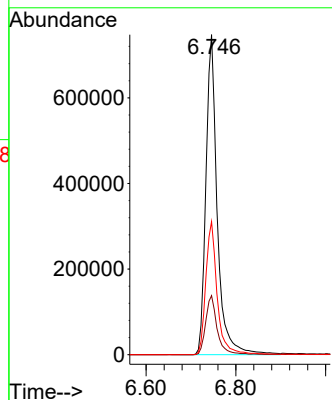
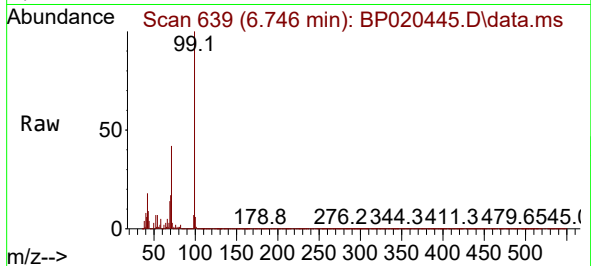




#7
Phenol-d6
Concen: 137.043 ng
RT: 6.746 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

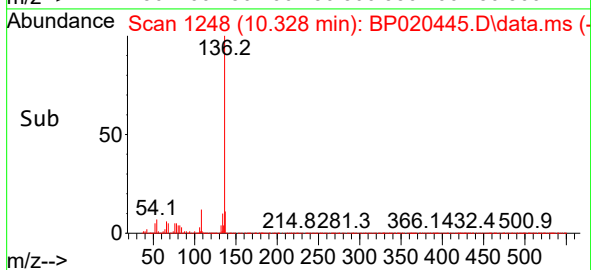
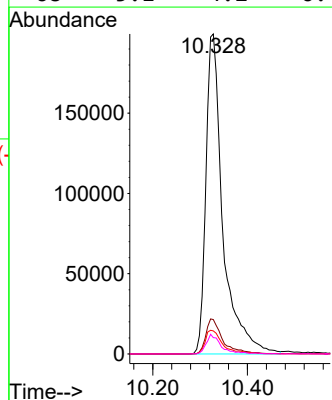
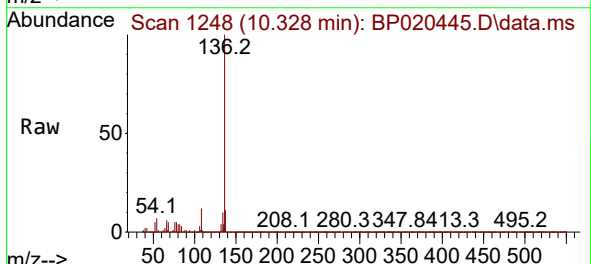
Instrument :
BNA_P
ClientSampleId :
PB160983BL

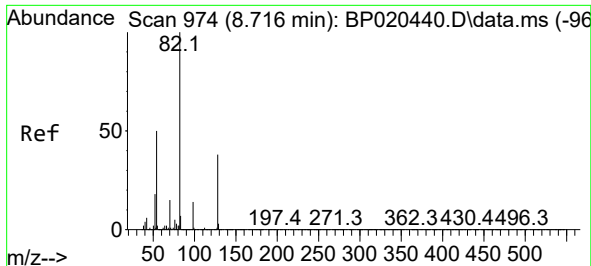
Tgt Ion: 99 Resp: 1308536
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 41.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

Tgt Ion:136 Resp: 495487
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.2 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 81.281 ng

RT: 8.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Instrument :

BNA_P

ClientSampleId :

PB160983BL

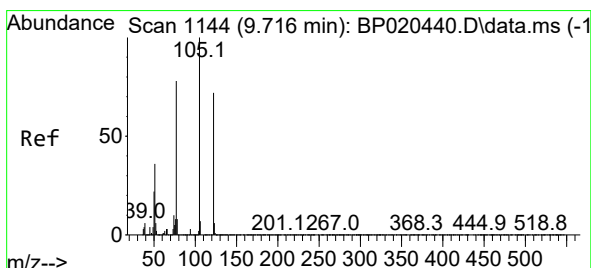
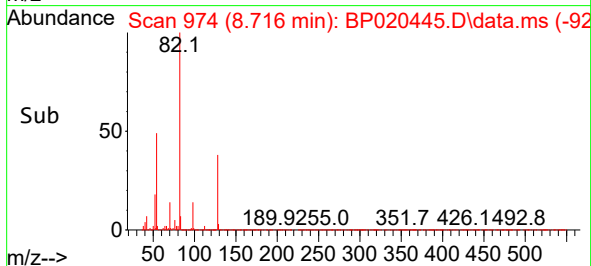
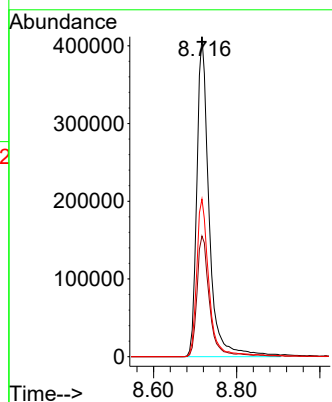
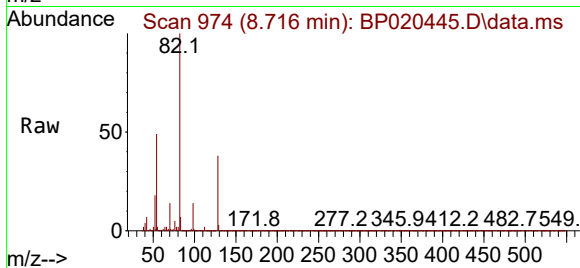
Tgt Ion: 82 Resp: 841734

Ion Ratio Lower Upper

82 100

128 37.7 30.4 45.6

54 49.3 39.9 59.9



#32

Benzoic acid

Concen: 5.725 ng

RT: 9.722 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

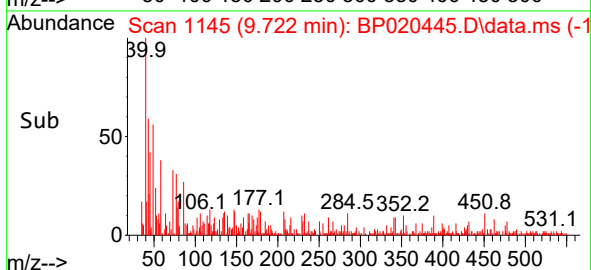
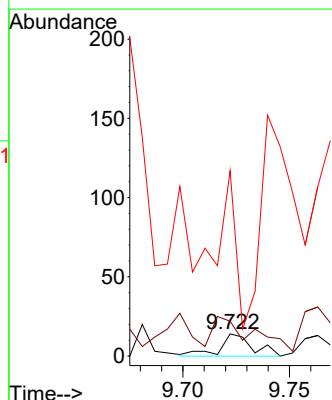
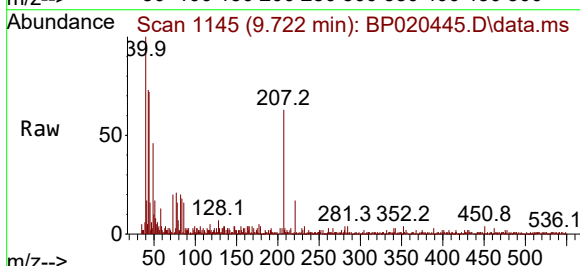
Tgt Ion:122 Resp: 15

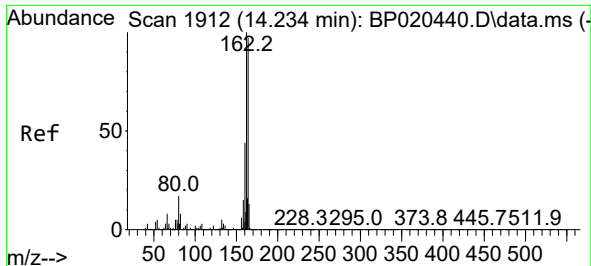
Ion Ratio Lower Upper

122 100

105 157.1 117.9 157.9

77 835.7 88.6 128.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.228 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Instrument :

BNA_P

ClientSampleId :

PB160983BL

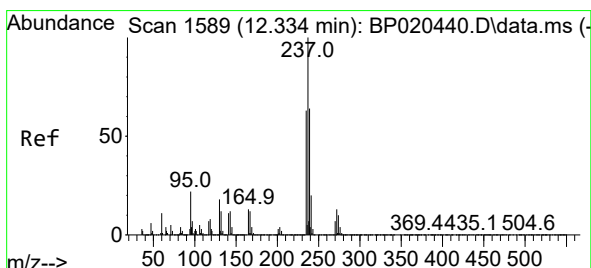
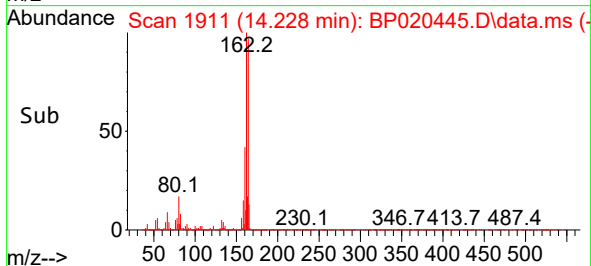
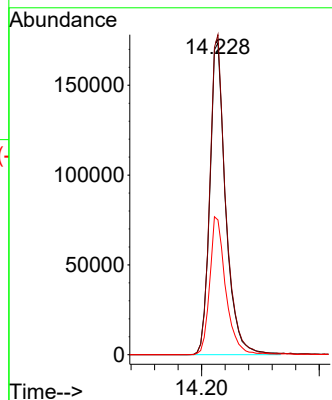
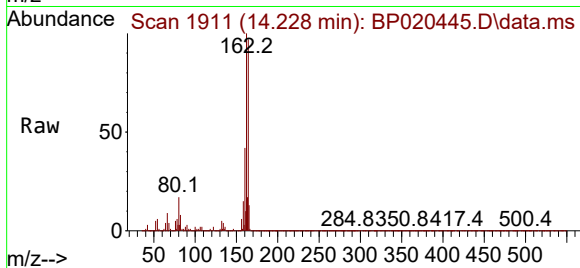
Tgt Ion:164 Resp: 325482

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 43.2 36.0 54.0



#41

Hexachlorocyclopentadiene

Concen: 5.487 ng

RT: 12.316 min Scan# 1586

Delta R.T. -0.018 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

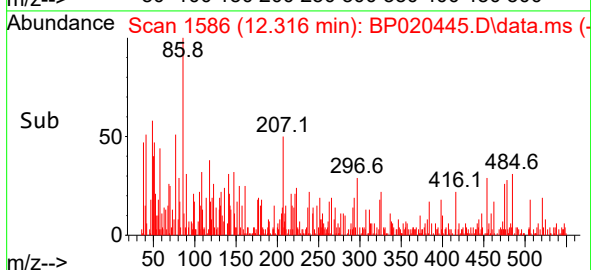
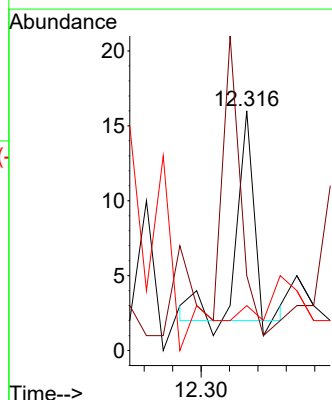
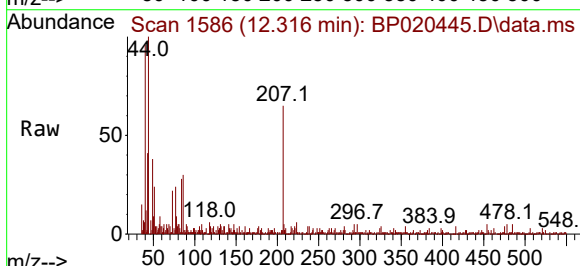
Tgt Ion:237 Resp: 6

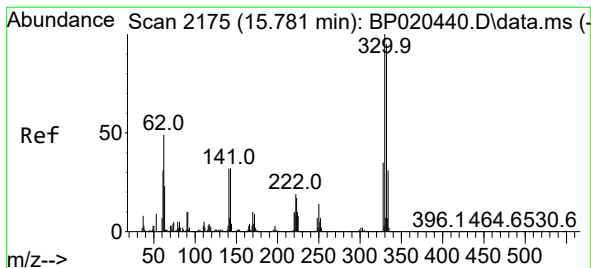
Ion Ratio Lower Upper

237 100

235 31.3 43.1 83.1#

272 18.8 0.0 32.9





#42

2,4,6-Tribromophenol

Concen: 138.302 ng

RT: 15.769 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Instrument :

BNA_P

ClientSampleId :

PB160983BL

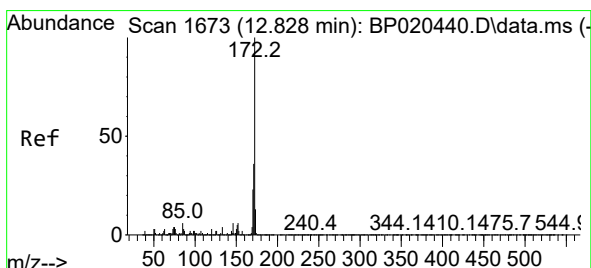
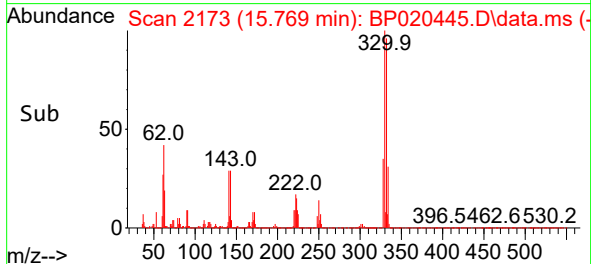
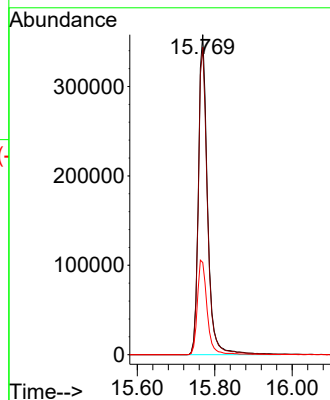
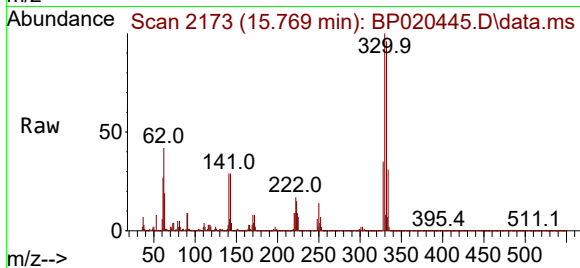
Tgt Ion:330 Resp: 584875

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 31.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 80.271 ng

RT: 12.822 min Scan# 1672

Delta R.T. -0.006 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

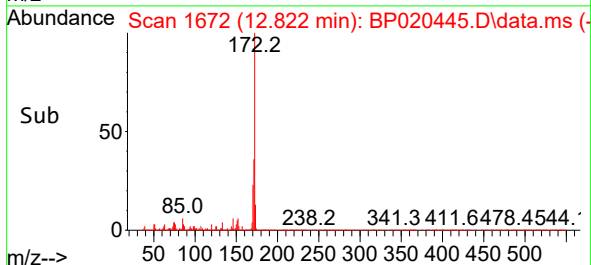
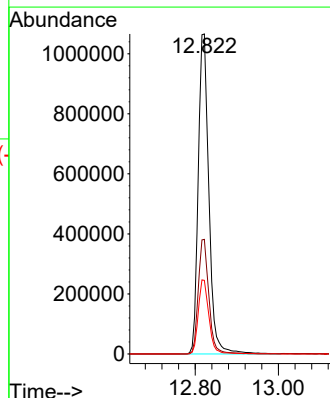
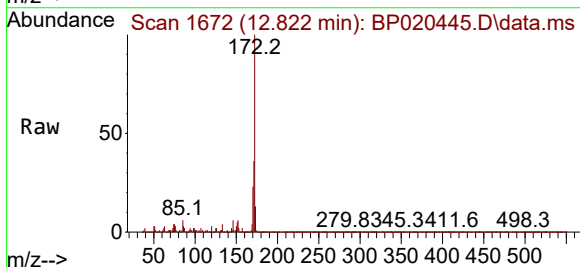
Tgt Ion:172 Resp: 1890536

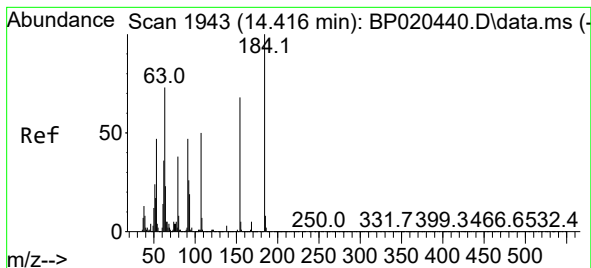
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.0 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.240 ng

RT: 14.410 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Instrument :

BNA_P

ClientSampleId :

PB160983BL

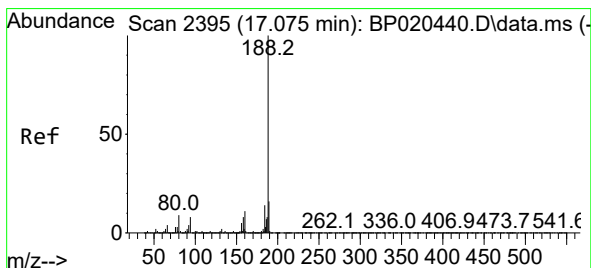
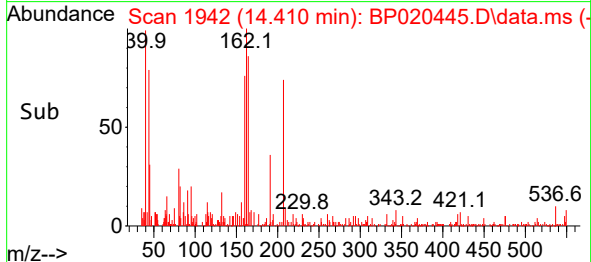
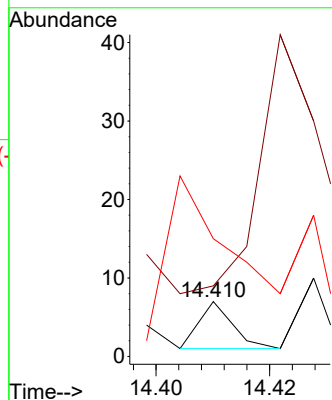
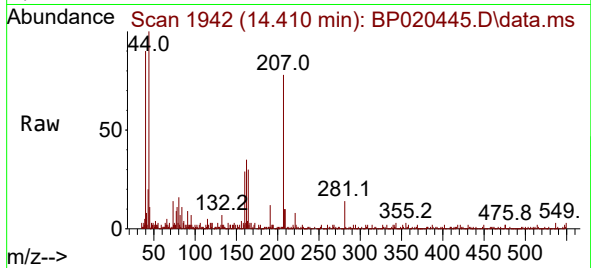
Tgt Ion:184 Resp: 2

Ion Ratio Lower Upper

184 100

63 400.0 58.2 87.4#

154 228.6 54.6 82.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.069 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

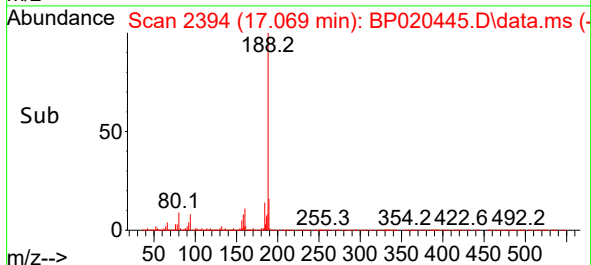
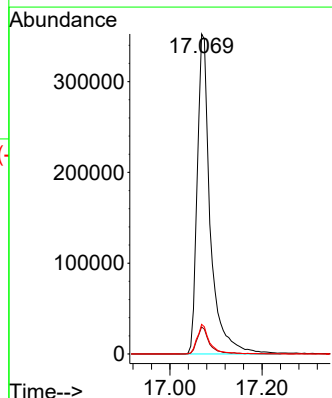
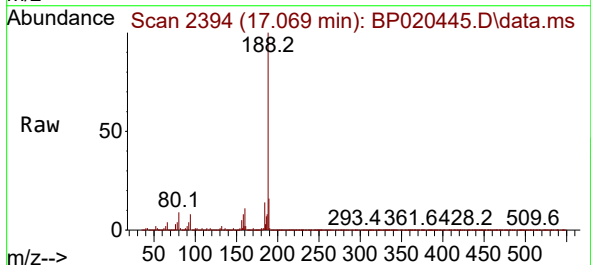
Tgt Ion:188 Resp: 693213

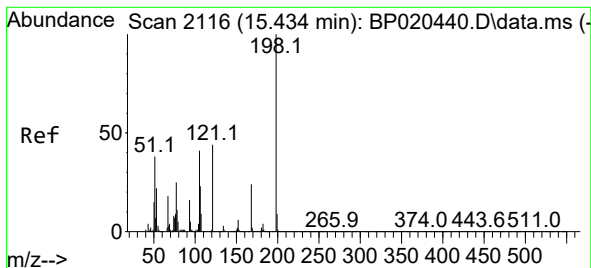
Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

80 9.3 7.5 11.3

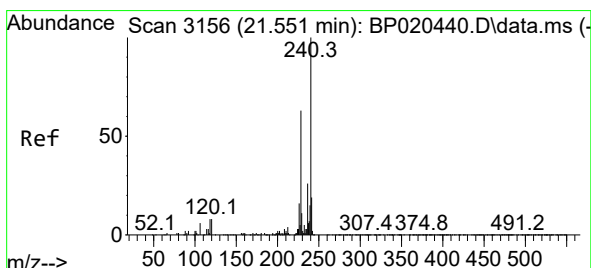
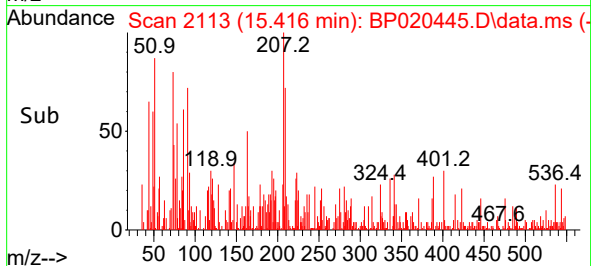
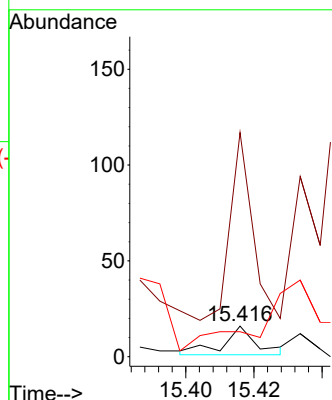
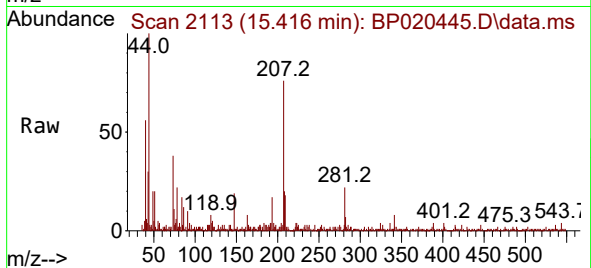




#65
4,6-Dinitro-2-methylphenol
Concen: 4.000 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

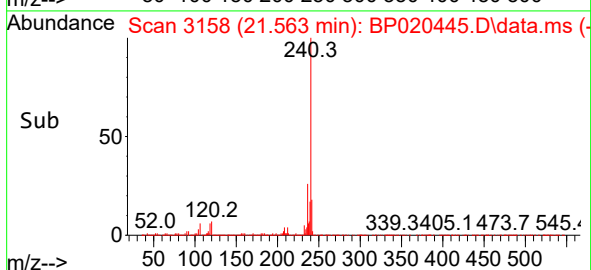
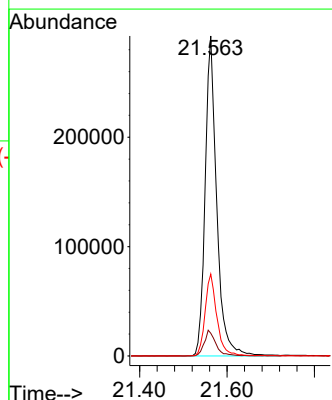
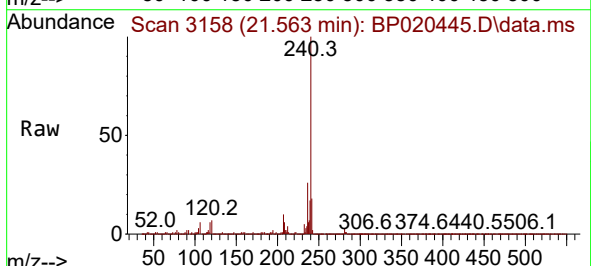
Instrument :
BNA_P
ClientSampleId :
PB160983BL

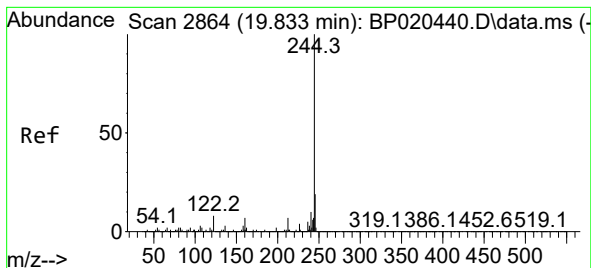
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 731.3 24.6 64.6#
105 81.3 21.6 61.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. 0.012 min
Lab File: BP020445.D
Acq: 22 May 2024 22:24

Tgt Ion:240 Resp: 538485
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 91.612 ng

RT: 19.833 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Instrument :

BNA_P

ClientSampleId :

PB160983BL

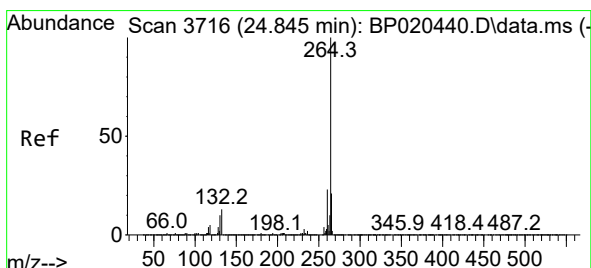
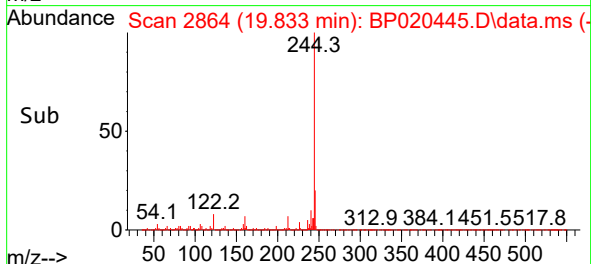
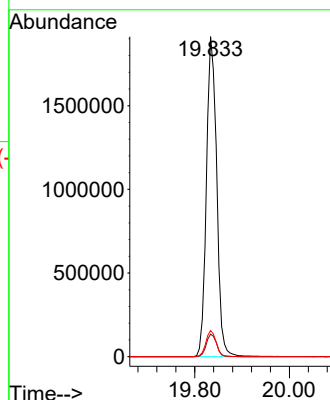
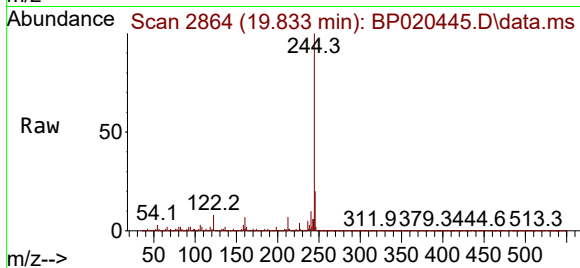
Tgt Ion:244 Resp: 2883389

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 8.1 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.857 min Scan# 3718

Delta R.T. 0.012 min

Lab File: BP020445.D

Acq: 22 May 2024 22:24

Tgt Ion:264 Resp: 516034

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.5 26.3

