

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
 Data File : BP021879.D
 Acq On : 10 Sep 2024 18:10
 Operator : RC/JU
 Sample : PB163214BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163214BL

Quant Time: Sep 10 18:38:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:57:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	163351	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	809715	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	482544	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1034870	20.000	ng	0.00
76) Chrysene-d12	21.604	240	951885	20.000	ng	-0.02
86) Perylene-d12	24.939	264	1019674	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1870399	165.329	ng	0.00
7) Phenol-d6	6.940	99	2951643	192.803	ng	0.00
23) Nitrobenzene-d5	8.904	82	1321129	73.916	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	795283	148.315	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3061064	104.336	ng	0.00
79) Terphenyl-d14	19.892	244	4940420	110.842	ng	0.00

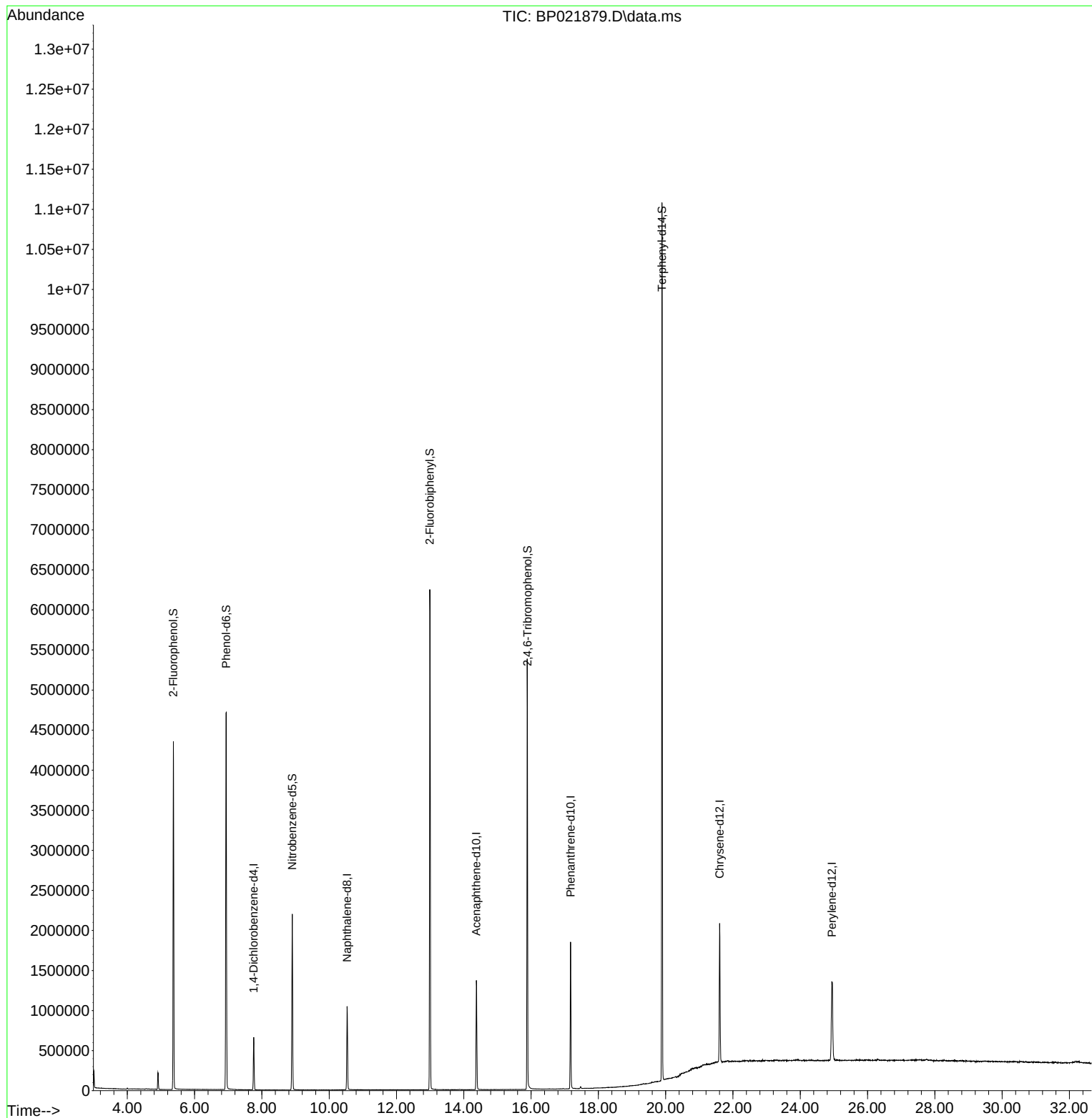
Target Compounds	Qvalue

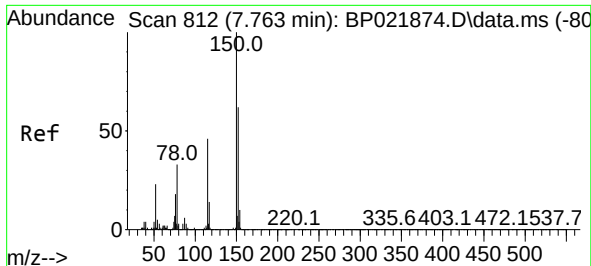
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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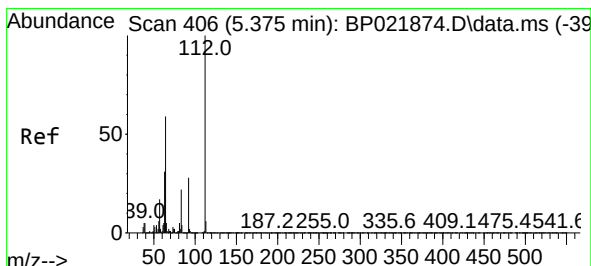
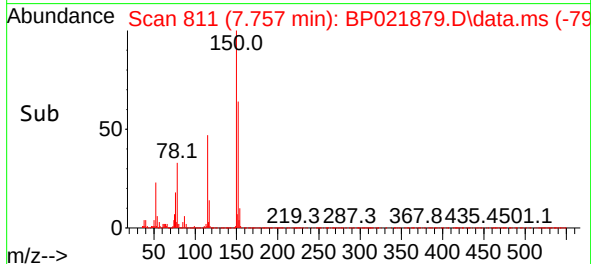
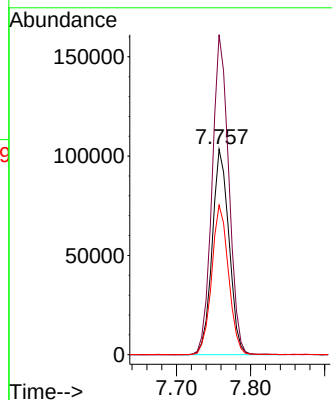
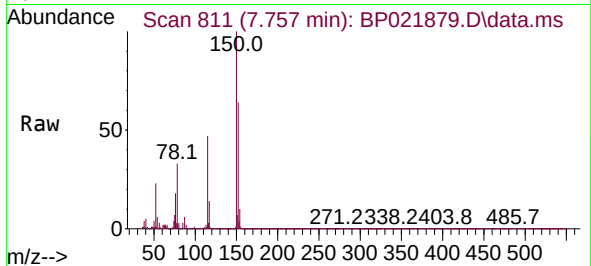




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021879.D
 Acq: 10 Sep 2024 18:10

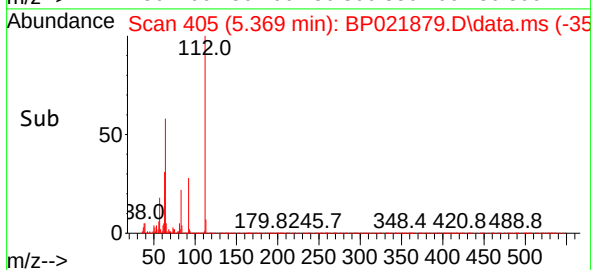
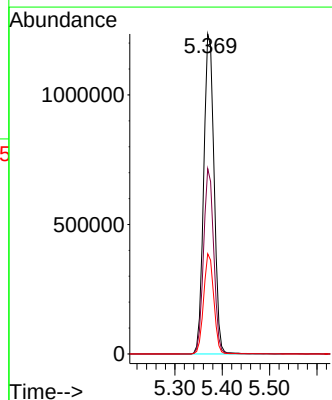
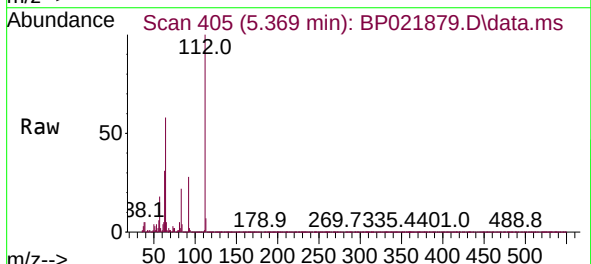
Instrument :
 BNA_P
 ClientSampleId :
 PB163214BL

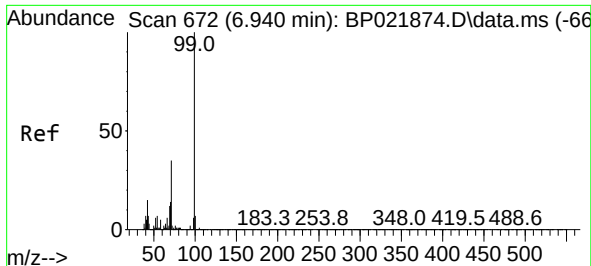
Tgt Ion:152 Resp: 163351
 Ion Ratio Lower Upper
 152 100
 150 155.8 128.6 192.8
 115 72.8 58.9 88.3



#5
 2-Fluorophenol
 Concen: 165.329 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: BP021879.D
 Acq: 10 Sep 2024 18:10

Tgt Ion:112 Resp: 1870399
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 31.3 24.6 36.8



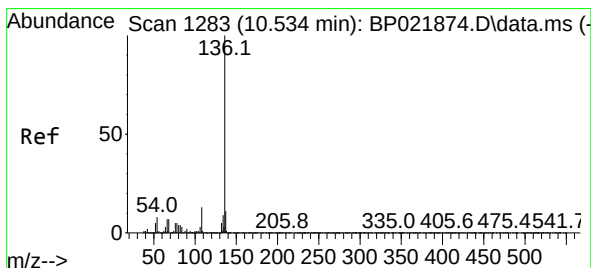
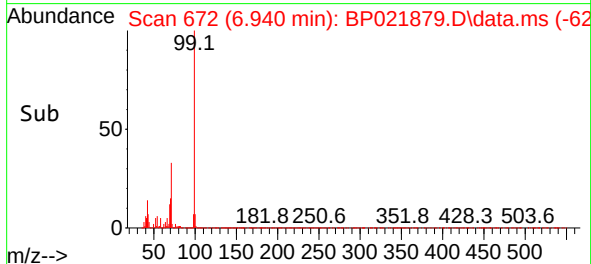
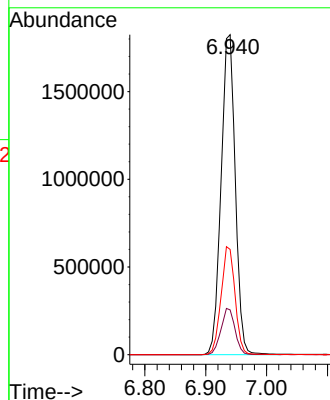
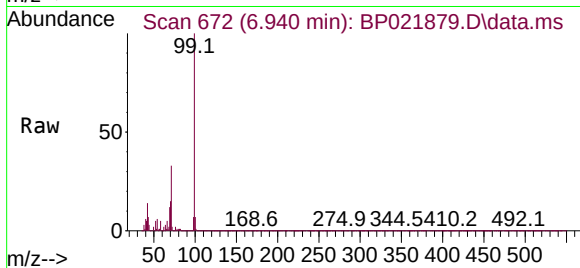


#7
Phenol-d6
Concen: 192.803 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021879.D
Acq: 10 Sep 2024 18:10

Instrument :
BNA_P
ClientSampleId :
PB163214BL

Tgt Ion: 99 Resp: 2951643

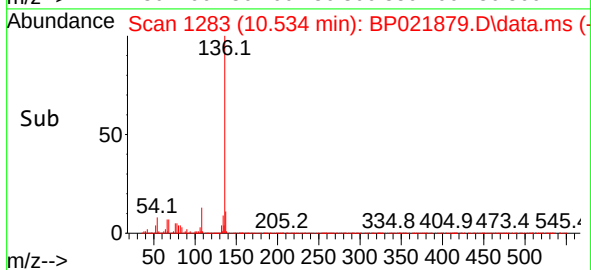
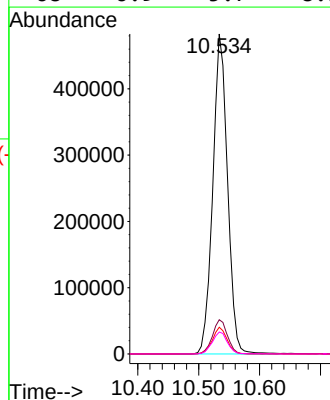
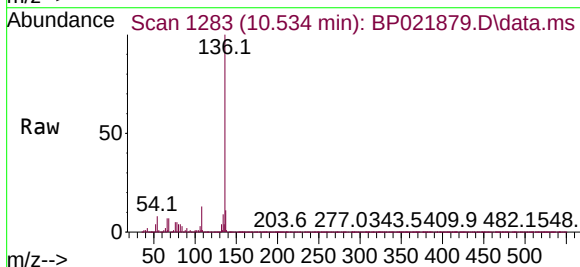
Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.4
71	32.9	27.7	41.5

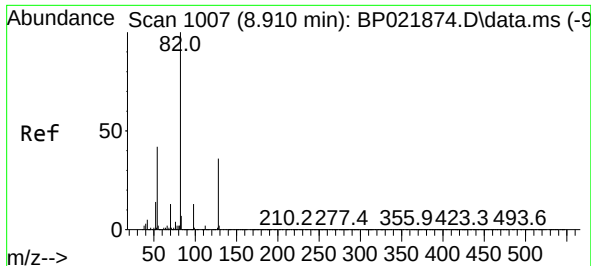


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP021879.D
Acq: 10 Sep 2024 18:10

Tgt Ion: 136 Resp: 809715

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.3	6.6	10.0
68	6.9	5.7	8.5

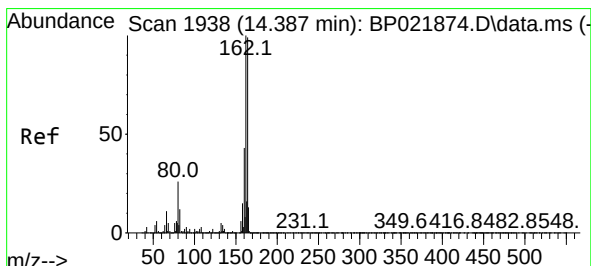
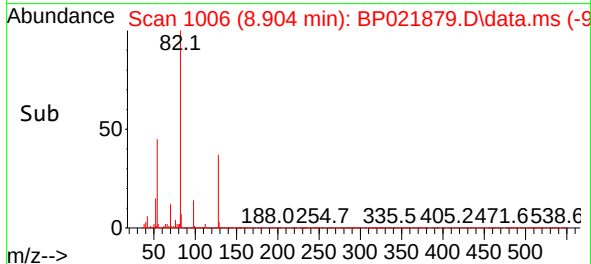
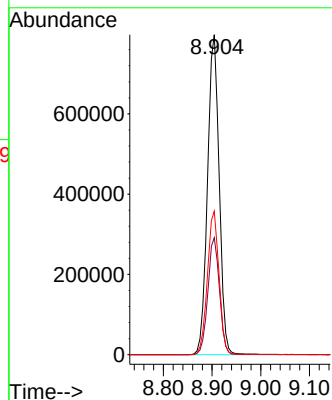
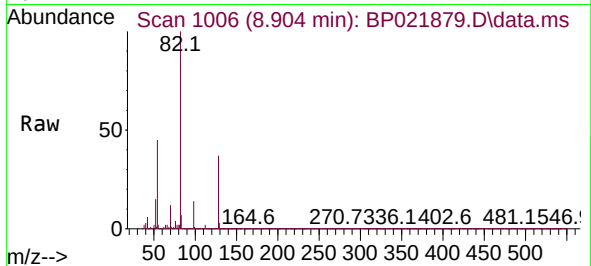




#23
Nitrobenzene-d5
Concen: 73.916 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP021879.D
Acq: 10 Sep 2024 18:10

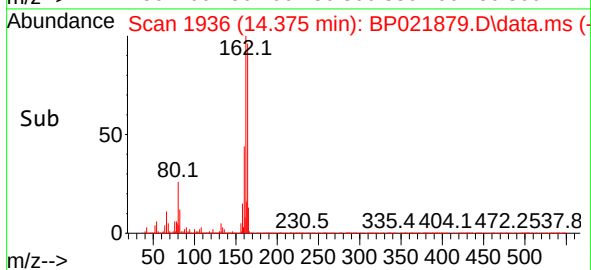
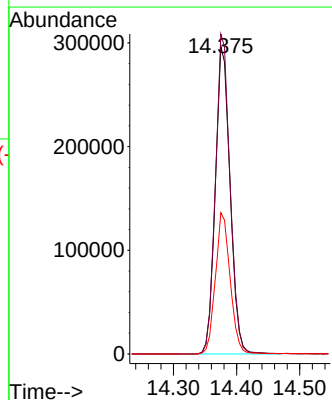
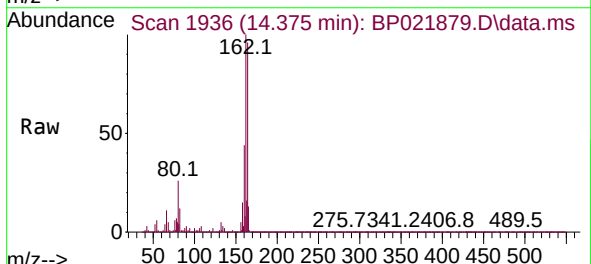
Instrument :
BNA_P
ClientSampleId :
PB163214BL

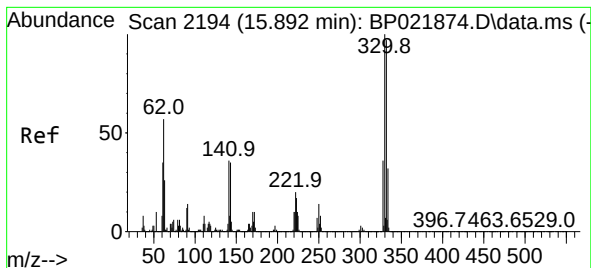
Tgt Ion: 82 Resp: 1321129
Ion Ratio Lower Upper
82 100
128 36.5 28.6 43.0
54 44.9 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP021879.D
Acq: 10 Sep 2024 18:10

Tgt Ion:164 Resp: 482544
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 45.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 148.315 ng

RT: 15.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

Instrument :

BNA_P

ClientSampleId :

PB163214BL

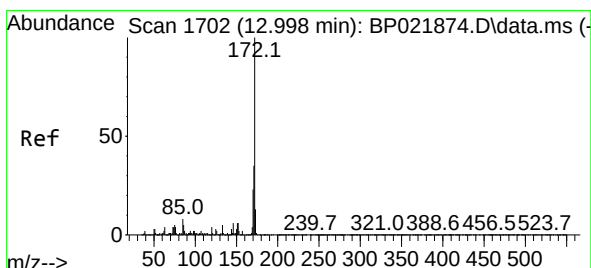
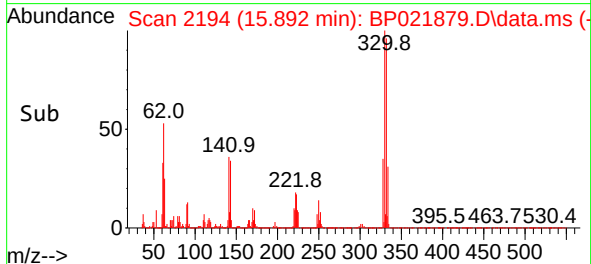
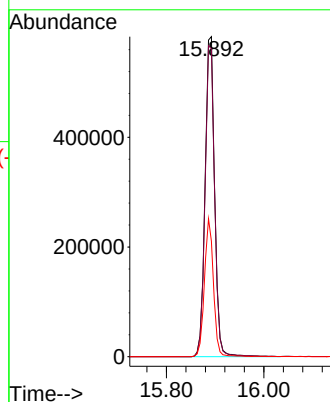
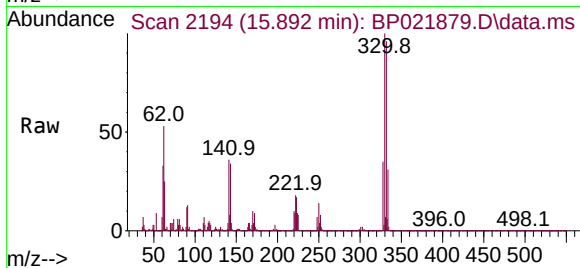
Tgt Ion:330 Resp: 795283

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 40.9 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 104.336 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

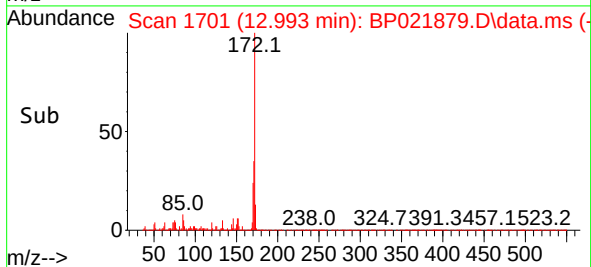
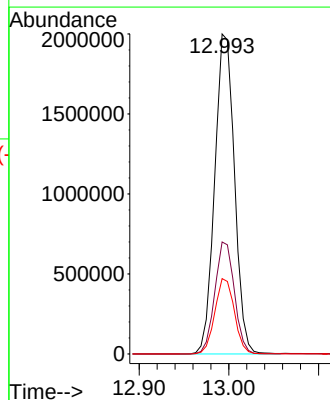
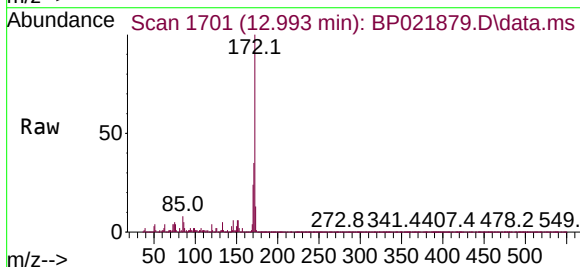
Tgt Ion:172 Resp: 3061064

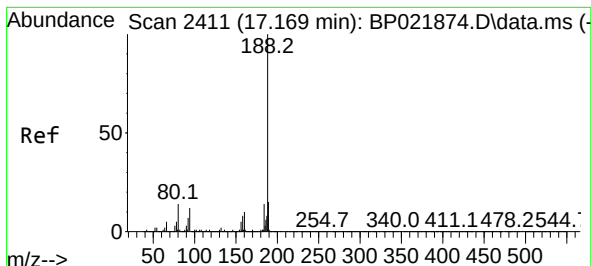
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

Instrument :

BNA_P

ClientSampleId :

PB163214BL

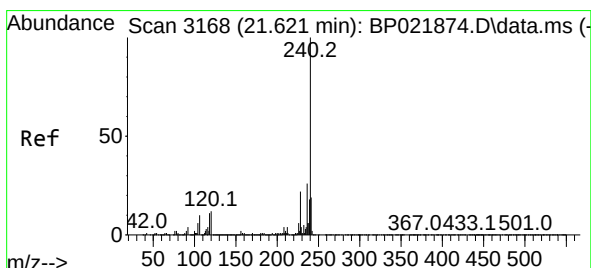
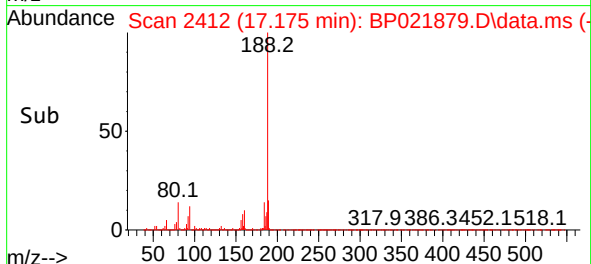
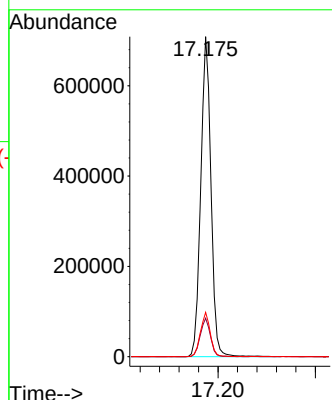
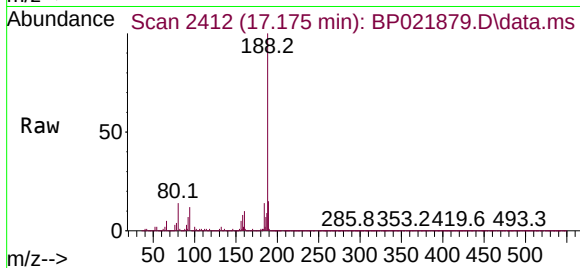
Tgt Ion:188 Resp: 1034870

Ion Ratio Lower Upper

188 100

94 12.0 9.8 14.6

80 13.9 11.3 16.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

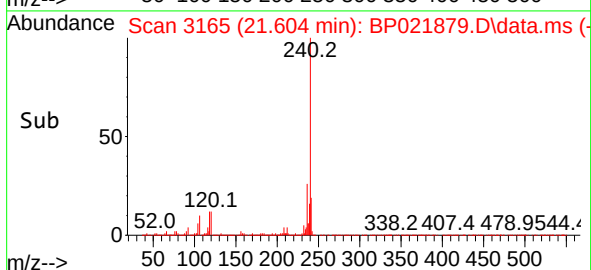
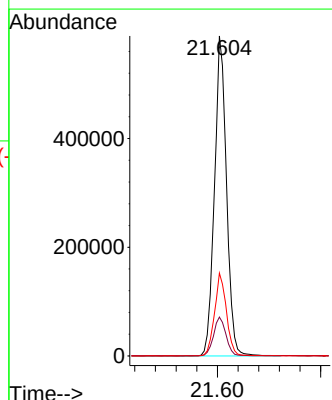
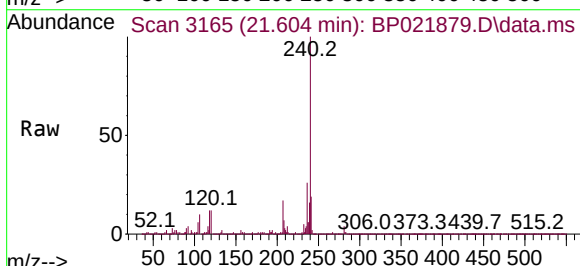
Tgt Ion:240 Resp: 951885

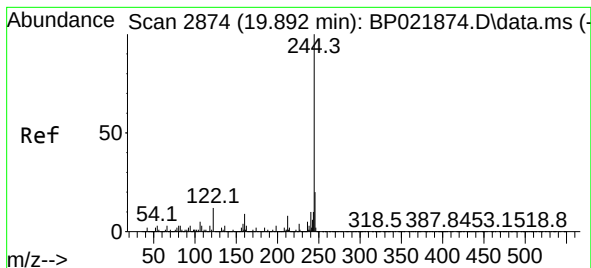
Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 110.842 ng

RT: 19.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

Instrument :

BNA_P

ClientSampleId :

PB163214BL

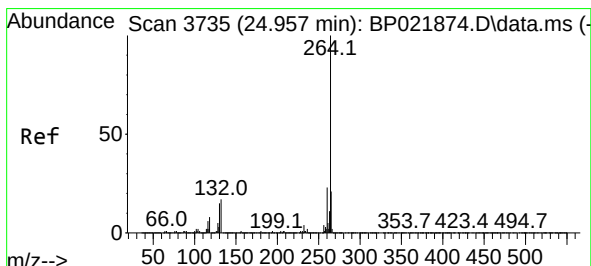
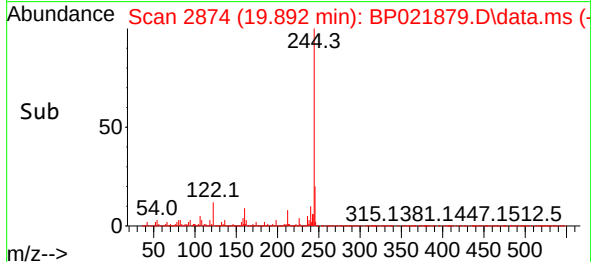
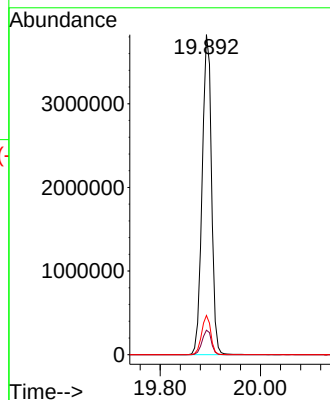
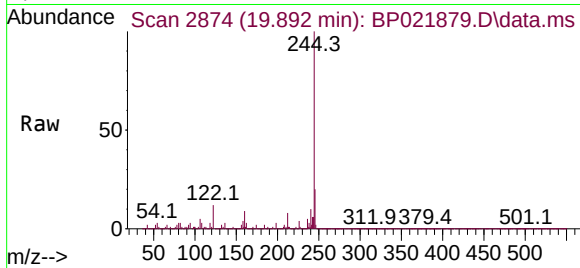
Tgt Ion:244 Resp: 4940420

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 12.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3732

Delta R.T. -0.018 min

Lab File: BP021879.D

Acq: 10 Sep 2024 18:10

Tgt Ion:264 Resp: 1019674

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.5 17.6 26.4

