

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021982.D
 Acq On : 23 Sep 2024 14:32
 Operator : RC/JU
 Sample : PB163139BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163139BL

Quant Time: Sep 23 14:57:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	98936	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	342173	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	225444	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	541145	20.000	ng	-0.02
76) Chrysene-d12	21.539	240	653961	20.000	ng	-0.02
86) Perylene-d12	24.827	264	768319	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	737122	140.015	ng	0.00
7) Phenol-d6	6.893	99	896699	131.204	ng	0.00
23) Nitrobenzene-d5	8.852	82	612402	94.701	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	570144	136.415	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1481715	95.942	ng	0.00
79) Terphenyl-d14	19.845	244	3403802	97.773	ng	-0.01

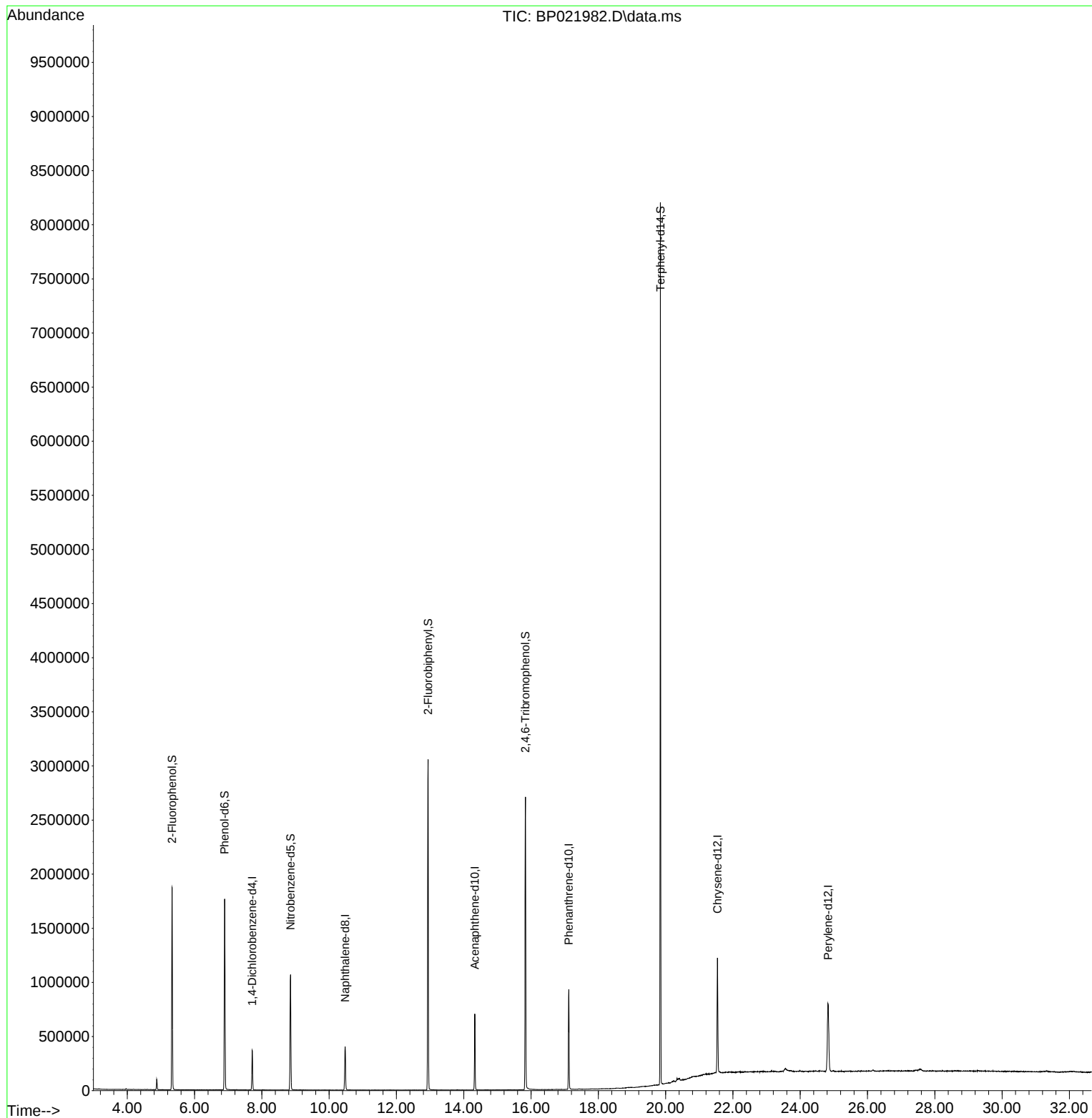
Target Compounds	Qvalue

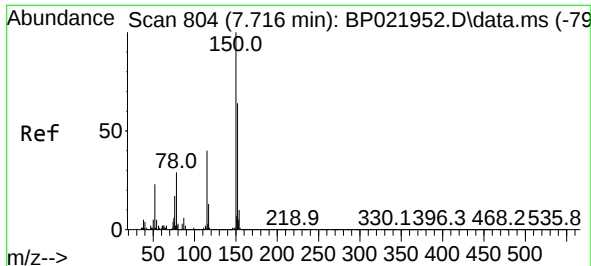
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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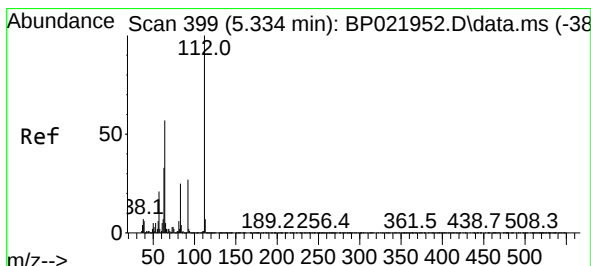
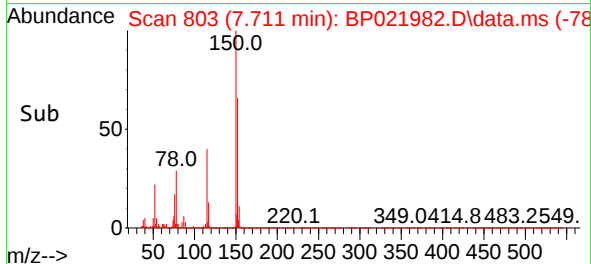
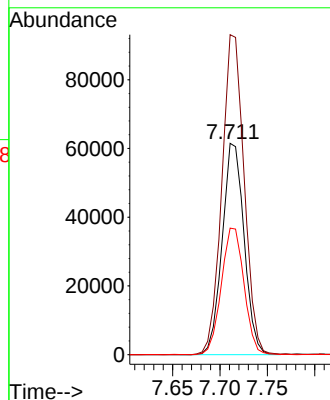
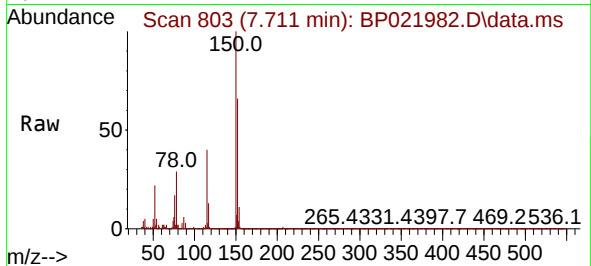




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 804
 Delta R.T. -0.005 min
 Lab File: BP021982.D
 Acq: 23 Sep 2024 14:32

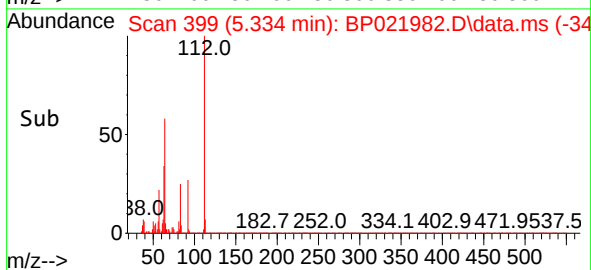
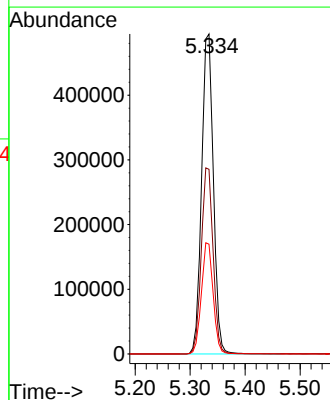
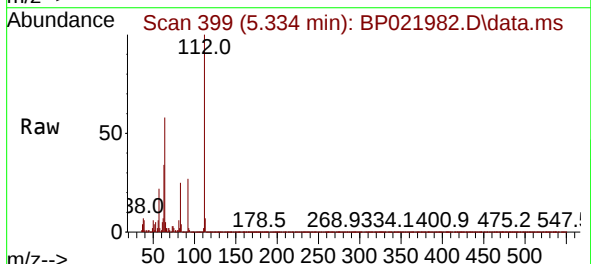
Instrument :
 BNA_P
 ClientSampleId :
 PB163139BL

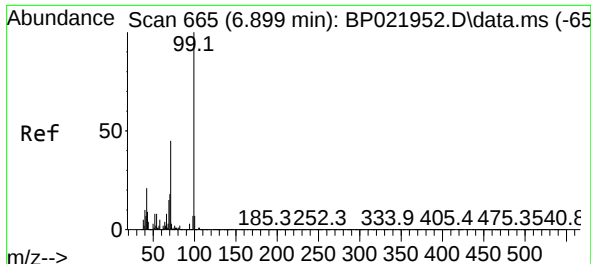
Tgt Ion:152 Resp: 98936
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.2 186.2
 115 59.9 49.2 73.8



#5
 2-Fluorophenol
 Concen: 140.015 ng
 RT: 5.334 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: BP021982.D
 Acq: 23 Sep 2024 14:32

Tgt Ion:112 Resp: 737122
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.4 68.0
 63 34.3 26.6 39.8

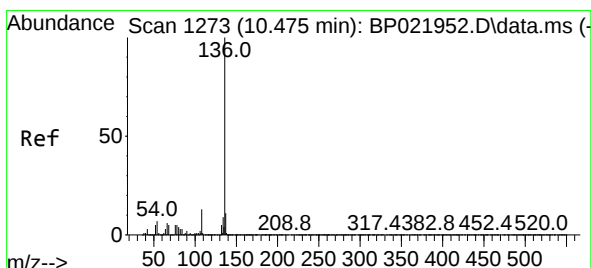
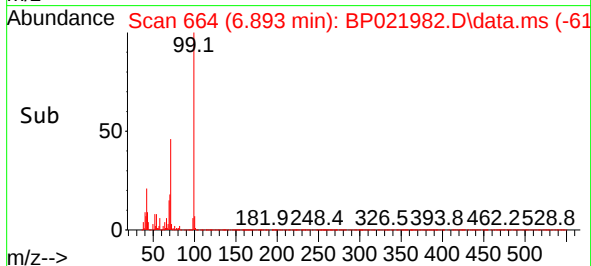
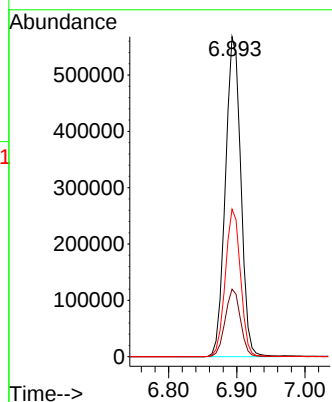
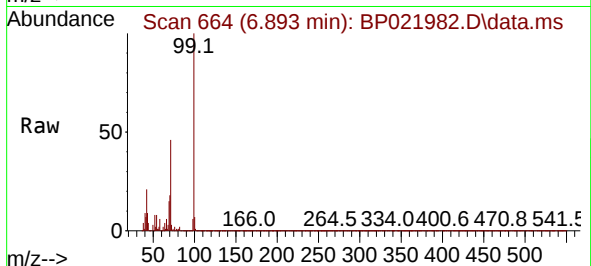




#7
Phenol-d6
Concen: 131.204 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

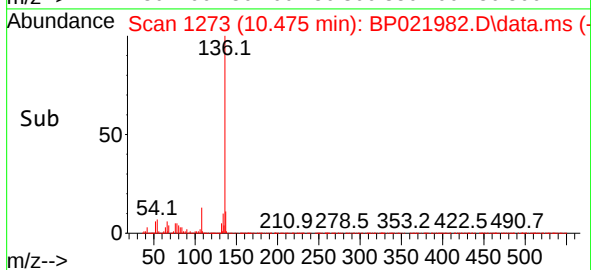
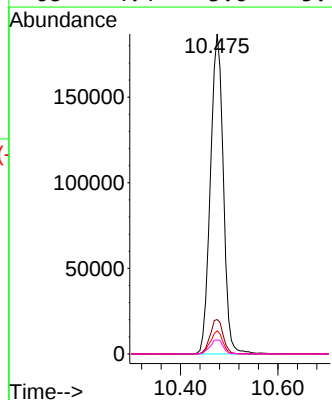
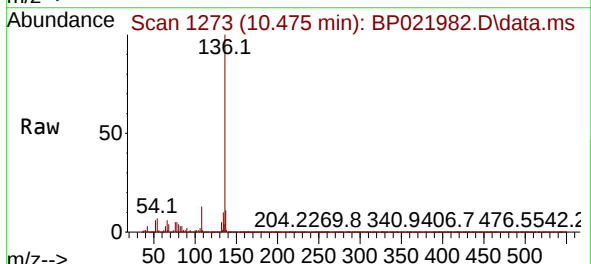
Instrument :
BNA_P
ClientSampleId :
PB163139BL

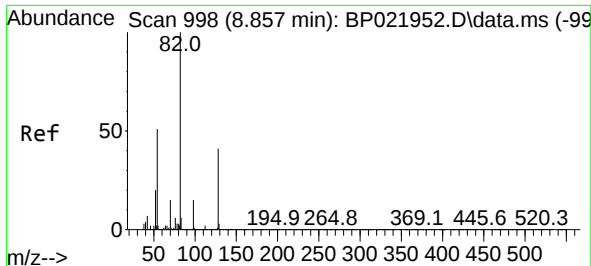
Tgt Ion: 99 Resp: 896699
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 46.1 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

Tgt Ion:136 Resp: 342173
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.5 8.3
68 4.4 3.6 5.4

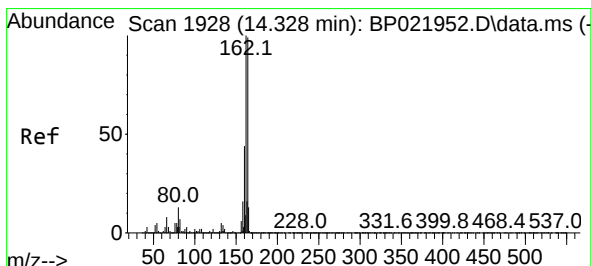
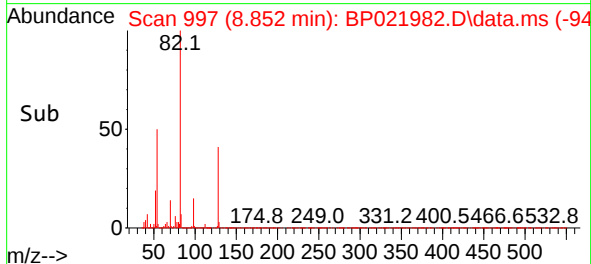
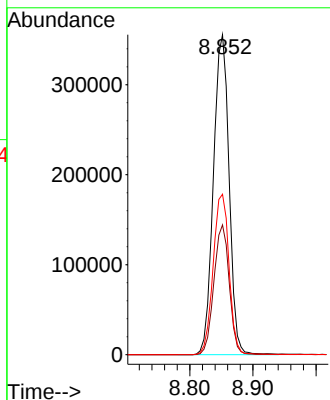
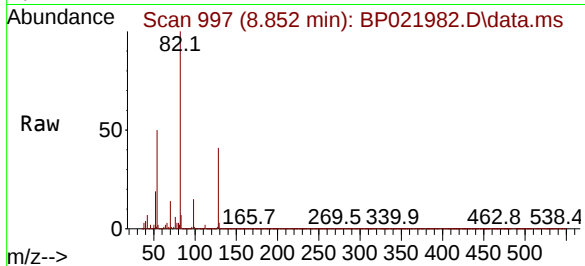




#23
Nitrobenzene-d5
Concen: 94.701 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

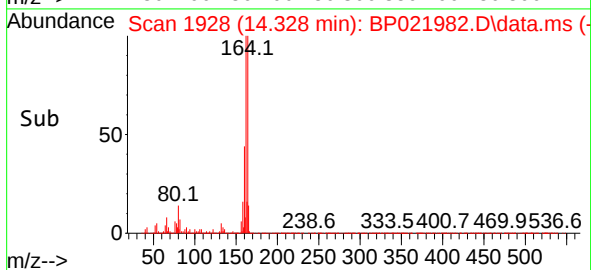
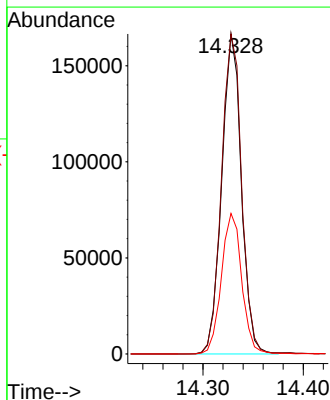
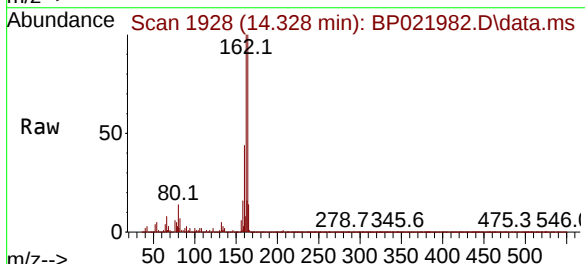
Instrument :
BNA_P
ClientSampleId :
PB163139BL

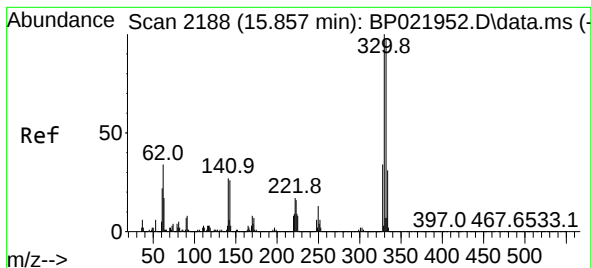
Tgt Ion: 82 Resp: 612402
Ion Ratio Lower Upper
82 100
128 40.5 33.1 49.7
54 50.2 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

Tgt Ion:164 Resp: 225444
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 43.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 136.415 ng

RT: 15.834 min Scan# 2188

Delta R.T. -0.023 min

Lab File: BP021982.D

Acq: 23 Sep 2024 14:32

Instrument :

BNA_P

ClientSampleId :

PB163139BL

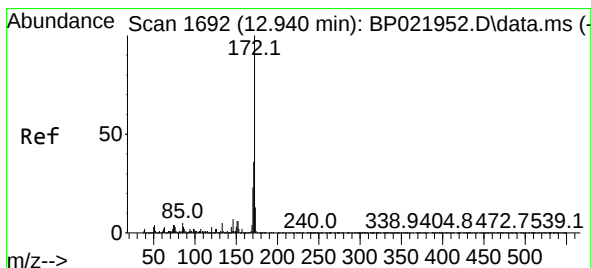
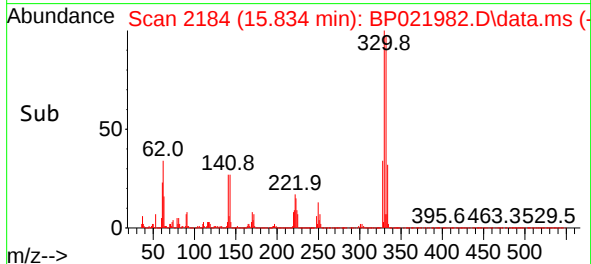
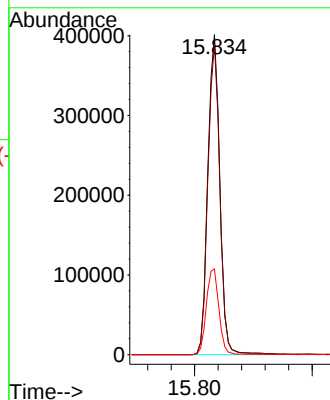
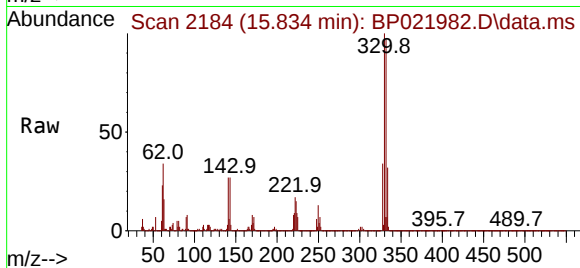
Tgt Ion:330 Resp: 570144

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 28.2 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 95.942 ng

RT: 12.940 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BP021982.D

Acq: 23 Sep 2024 14:32

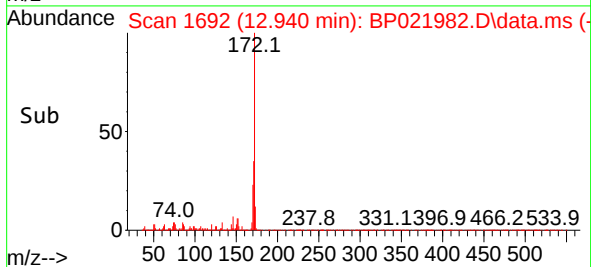
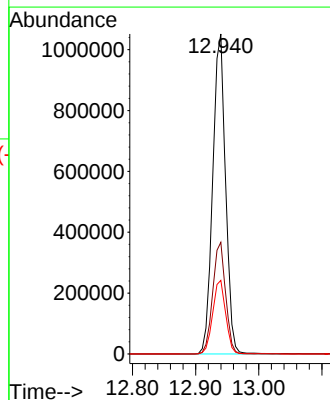
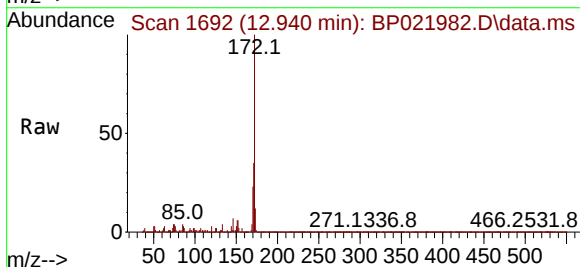
Tgt Ion:172 Resp: 1481715

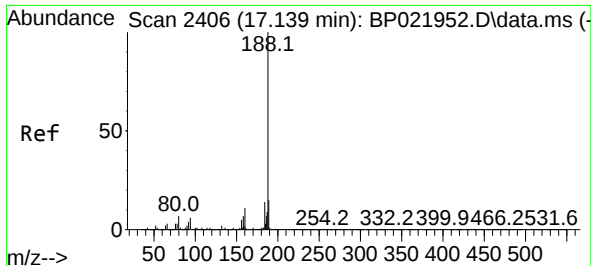
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.0 18.8 28.2

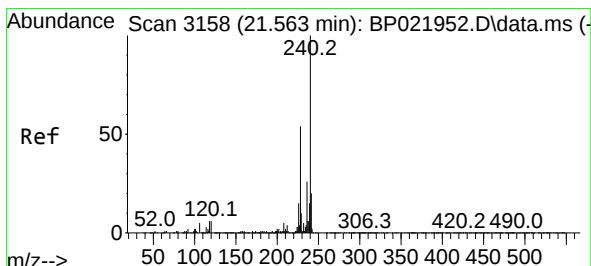
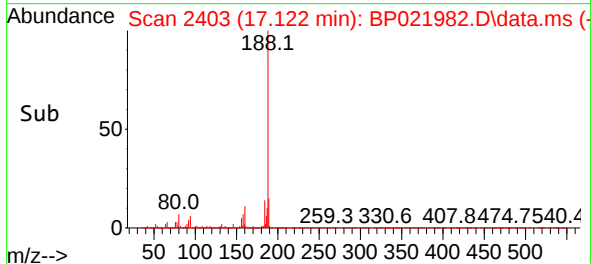
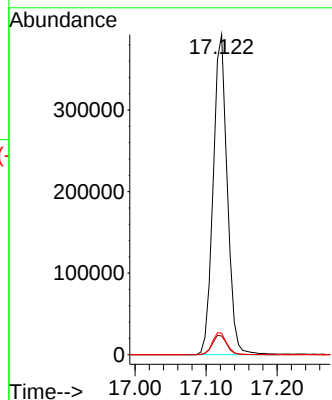
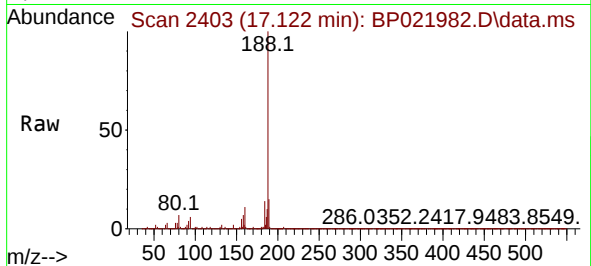




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

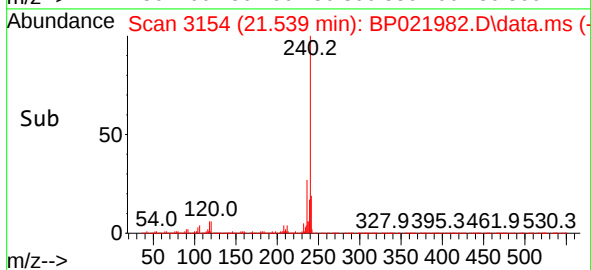
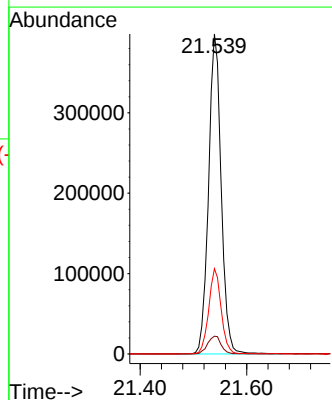
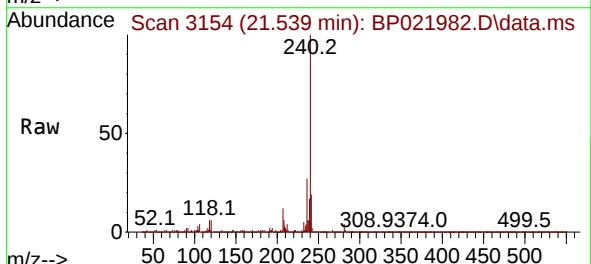
Instrument :
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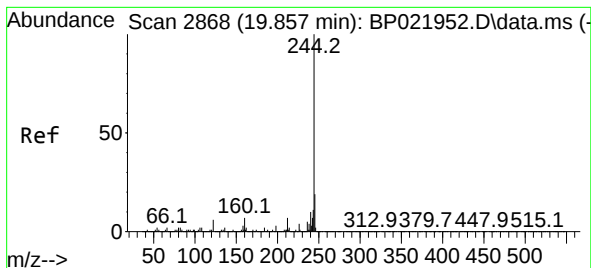
Tgt Ion:188 Resp: 541145
Ion Ratio Lower Upper
188 100
94 5.9 4.6 6.8
80 6.7 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3154
Delta R.T. -0.023 min
Lab File: BP021982.D
Acq: 23 Sep 2024 14:32

Tgt Ion:240 Resp: 653961
Ion Ratio Lower Upper
240 100
120 5.5 5.1 7.7
236 26.7 20.7 31.1





#79

Terphenyl-d14

Concen: 97.773 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021982.D

Acq: 23 Sep 2024 14:32

Instrument :

BNA_P

ClientSampleId :

PB163139BL

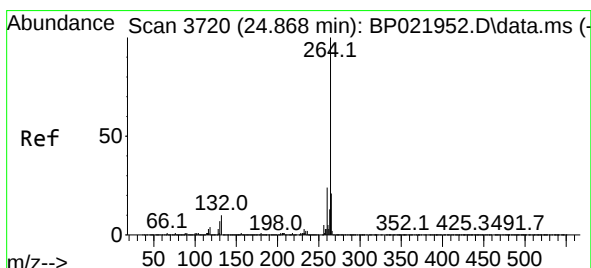
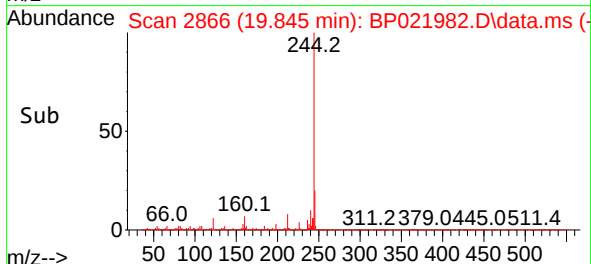
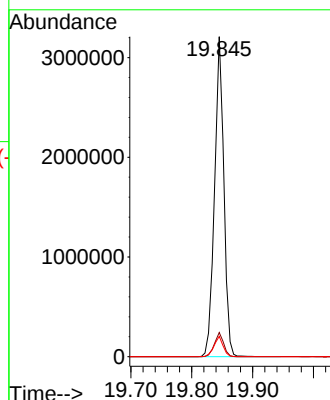
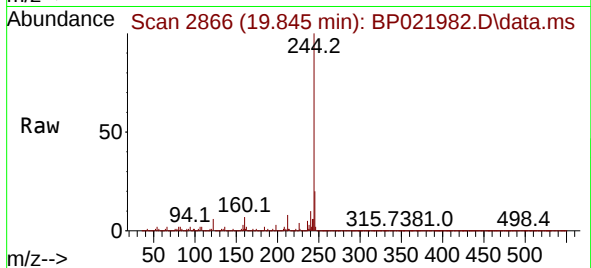
Tgt Ion:244 Resp: 3403802

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.4 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.827 min Scan# 3713

Delta R.T. -0.041 min

Lab File: BP021982.D

Acq: 23 Sep 2024 14:32

Tgt Ion:264 Resp: 768319

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.1 17.5 26.3

