

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021985.D
Acq On : 23 Sep 2024 16:49
Operator : RC/JU
Sample : PB163511BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163511TB

Quant Time: Sep 23 17:27:38 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	7.710	152	102538	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	352981	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	226377	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	508700	20.000	ng	-0.02
76) Chrysene-d12	21.545	240	588618	20.000	ng	-0.02
86) Perylene-d12	24.833	264	660304	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	747500	136.999	ng	0.00
7) Phenol-d6	6.893	99	936186	132.170	ng	0.00
23) Nitrobenzene-d5	8.852	82	633974	95.035	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	558008	132.961	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1516257	97.774	ng	0.00
79) Terphenyl-d14	19.851	244	3050175	97.342	ng	0.00

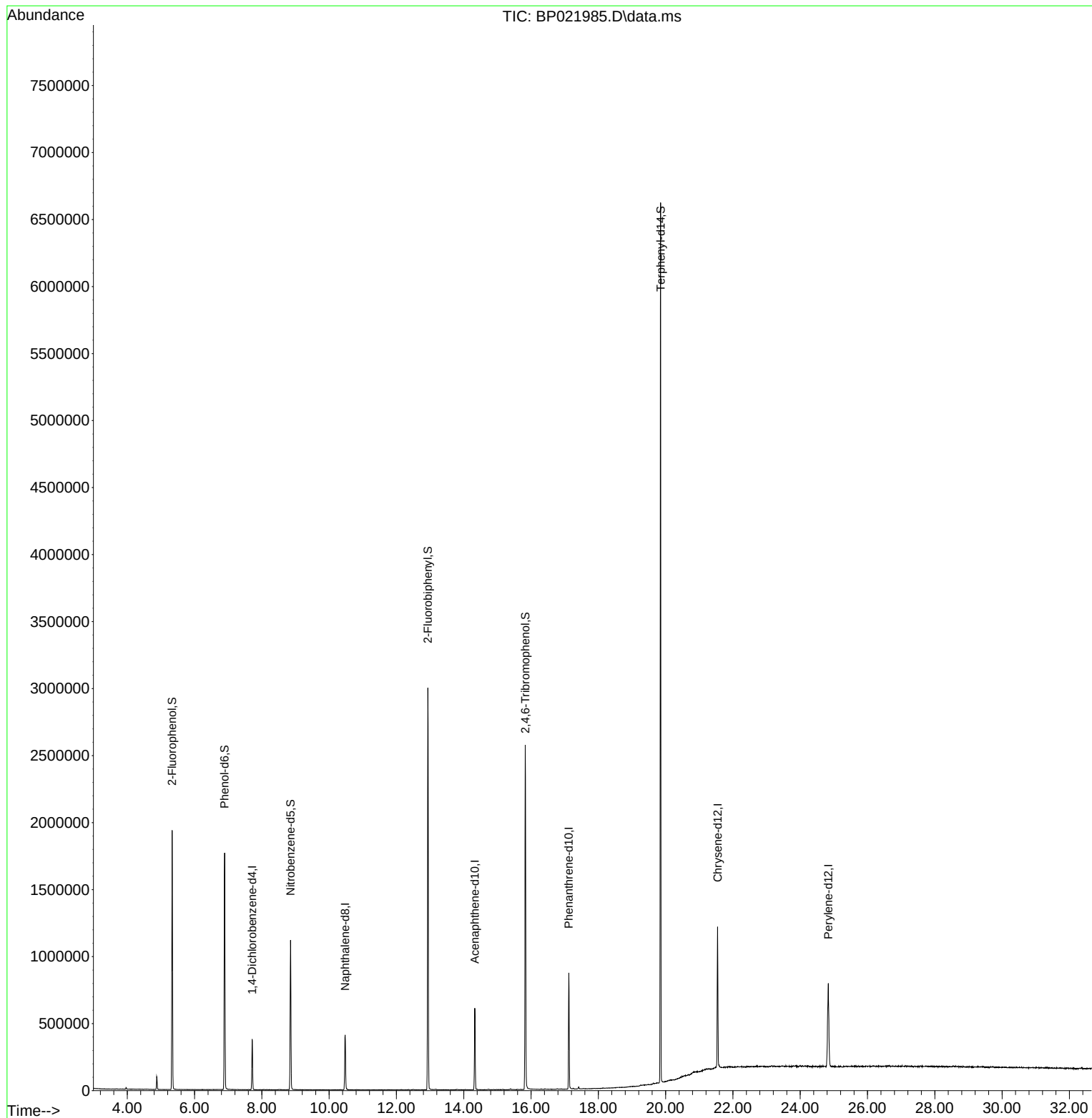
Target Compounds	Qvalue
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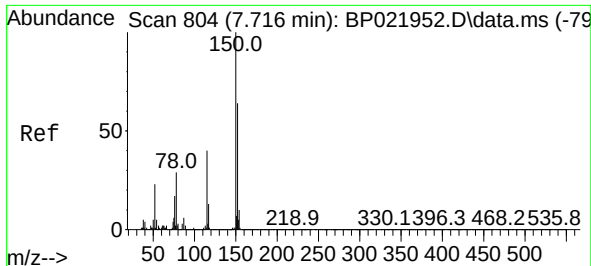
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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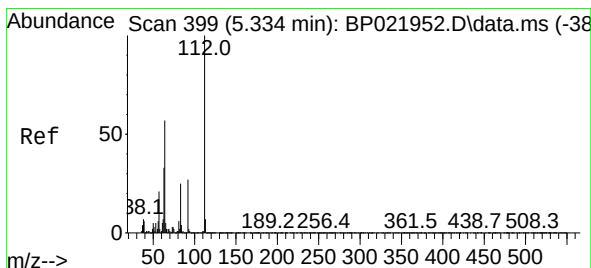
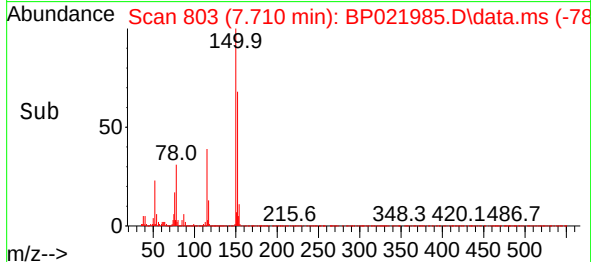
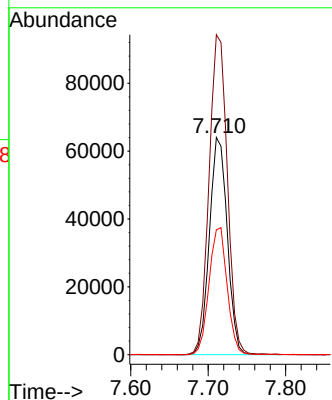
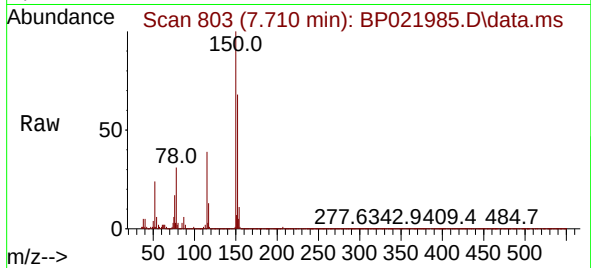




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

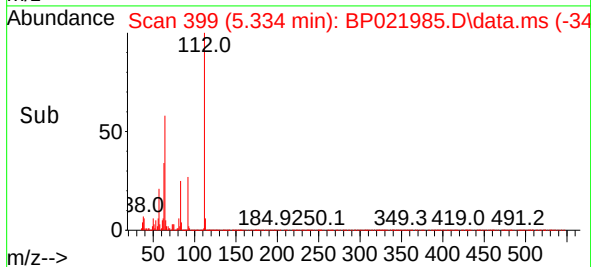
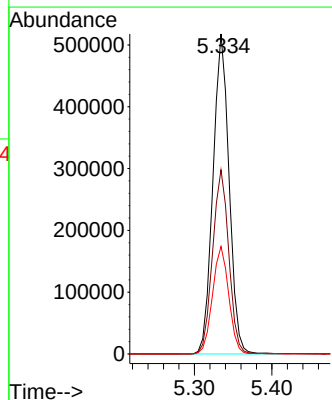
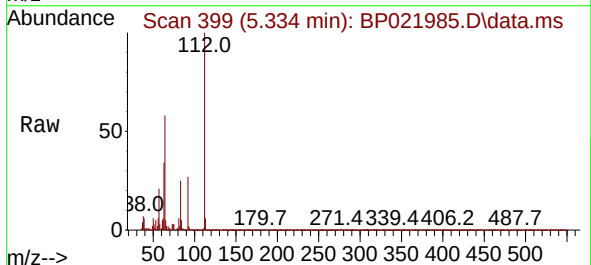
Instrument :
BNA_P
ClientSampleId :
PB163511TB

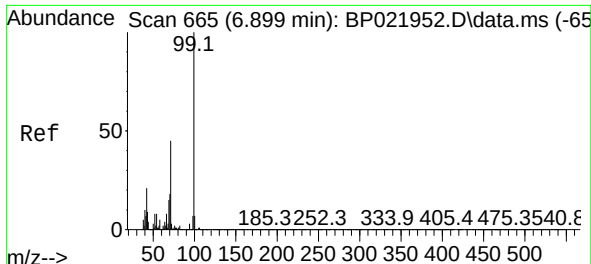
Tgt Ion:152 Resp: 102538
Ion Ratio Lower Upper
152 100
150 147.3 124.2 186.2
115 57.5 49.2 73.8



#5
2-Fluorophenol
Concen: 136.999 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

Tgt Ion:112 Resp: 747500
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.0
63 33.6 26.6 39.8

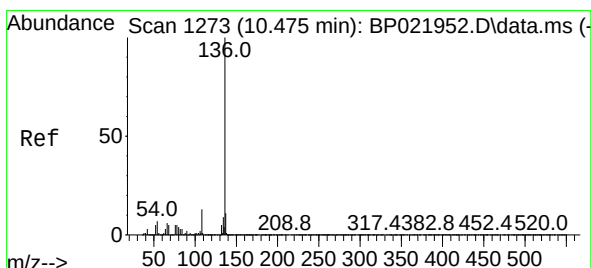
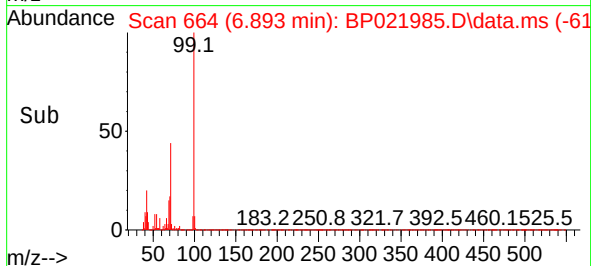
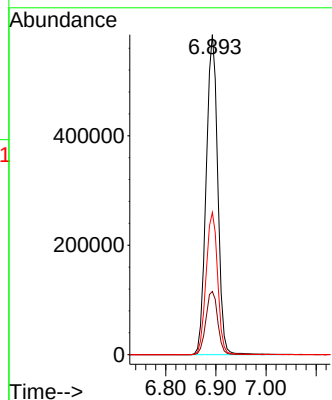
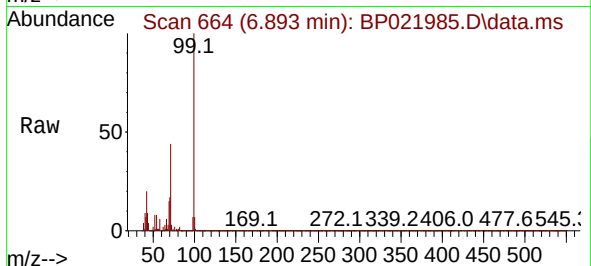




#7
Phenol-d6
Concen: 132.170 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

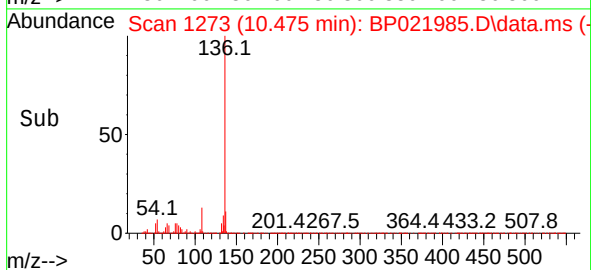
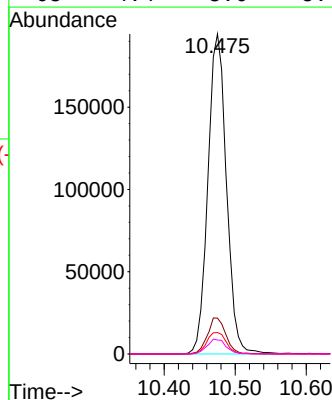
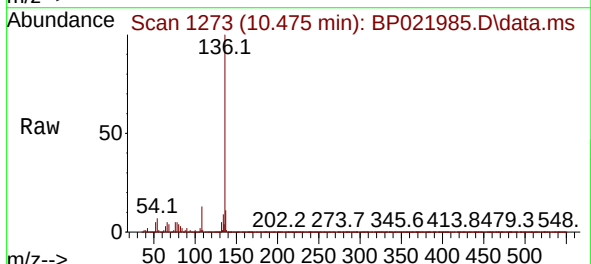
Instrument :
BNA_P
ClientSampleId :
PB163511TB

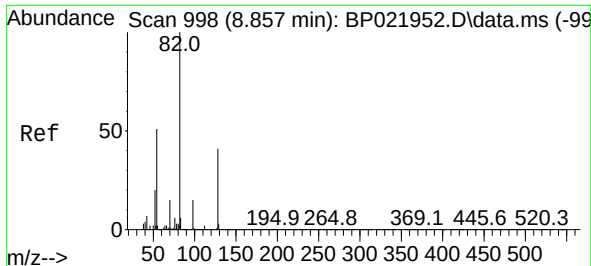
Tgt Ion: 99 Resp: 936186
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 44.4 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

Tgt Ion:136 Resp: 352981
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.5 8.3
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 95.035 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

Instrument :

BNA_P

ClientSampleId :

PB163511TB

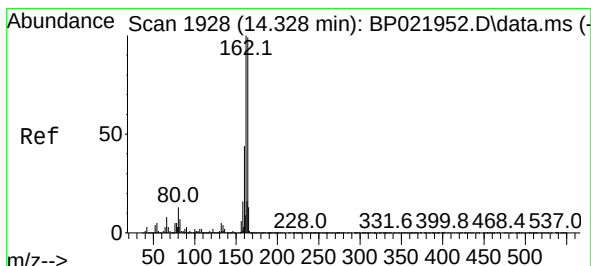
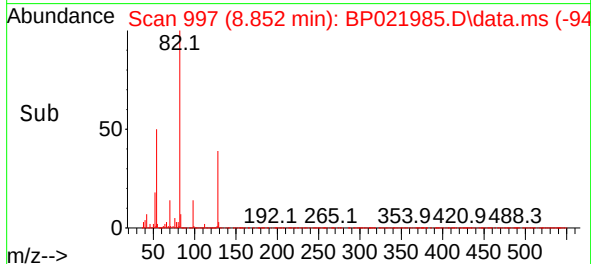
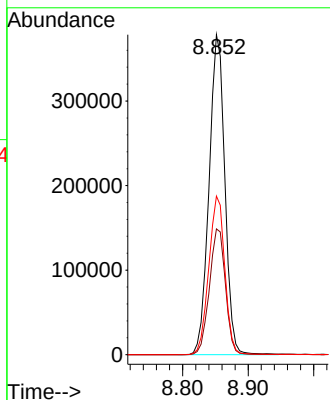
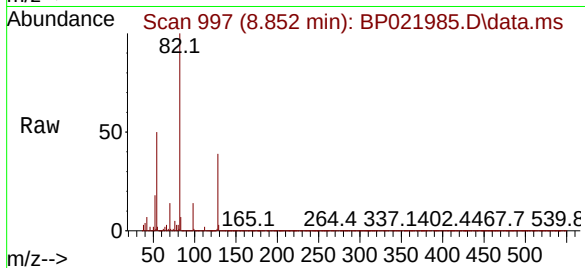
Tgt Ion: 82 Resp: 633974

Ion Ratio Lower Upper

82 100

128 39.3 33.1 49.7

54 49.6 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: BP021985.D

Acq: 23 Sep 2024 16:49

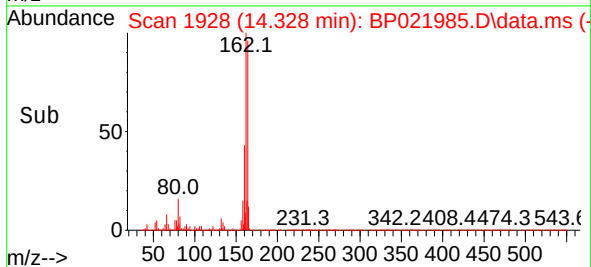
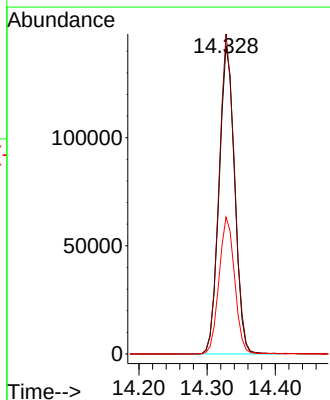
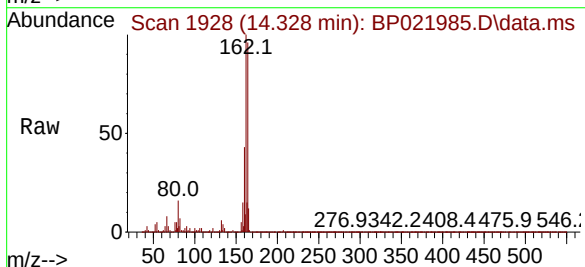
Tgt Ion:164 Resp: 226377

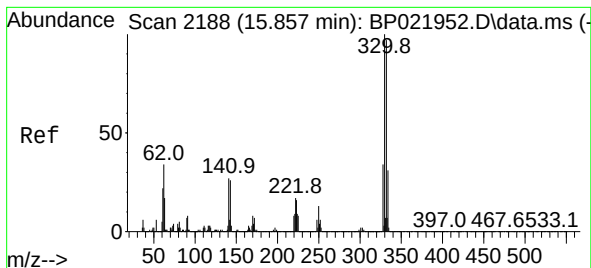
Ion Ratio Lower Upper

164 100

162 103.9 81.2 121.8

160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.961 ng

RT: 15.834 min Scan# 2188

Delta R.T. -0.023 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

Instrument :

BNA_P

ClientSampleId :

PB163511TB

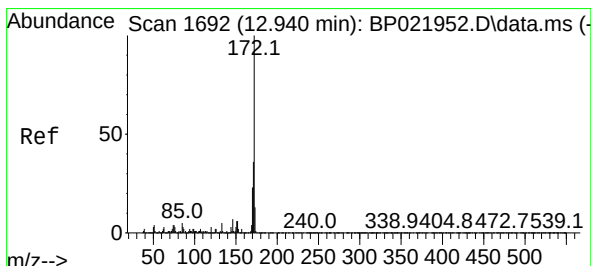
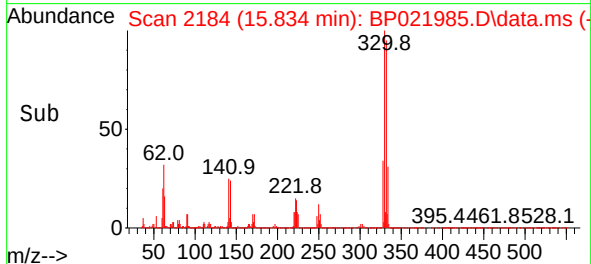
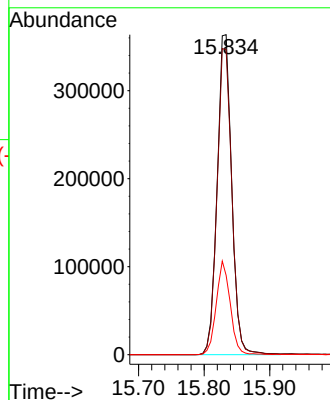
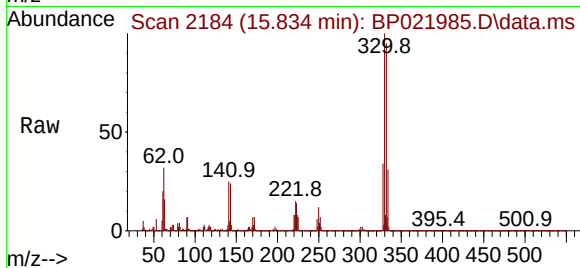
Tgt Ion:330 Resp: 558008

Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 28.2 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 97.774 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

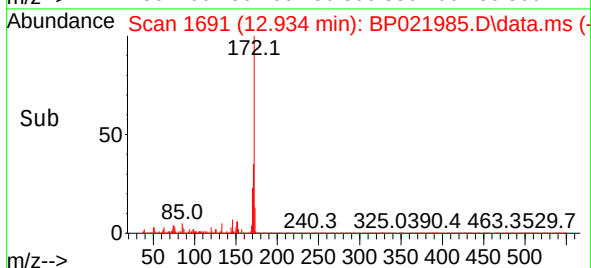
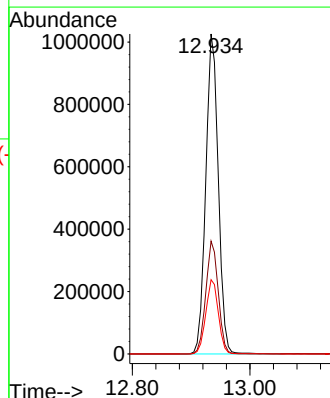
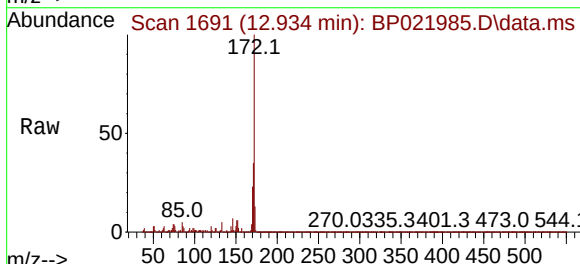
Tgt Ion:172 Resp: 1516257

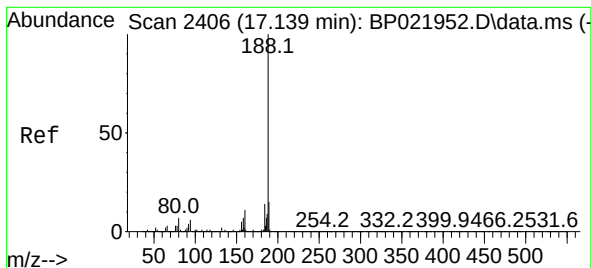
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

Instrument :

BNA_P

ClientSampleId :

PB163511TB

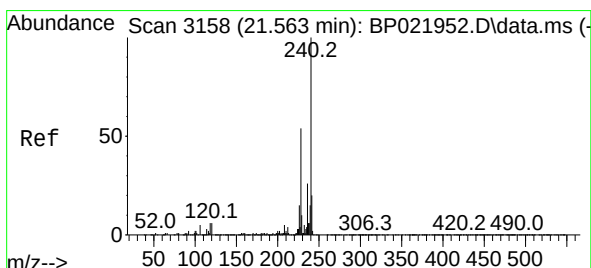
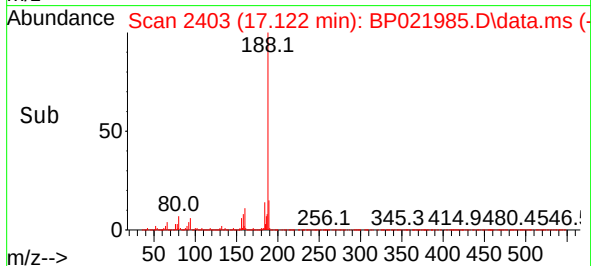
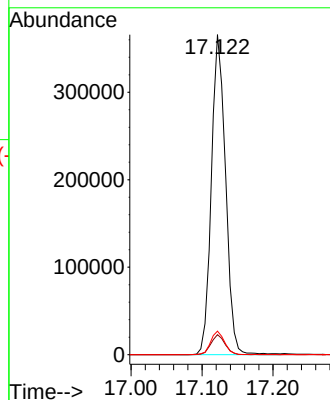
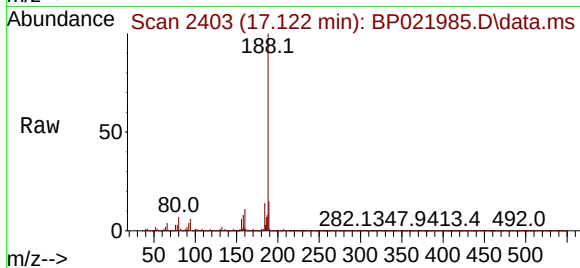
Tgt Ion:188 Resp: 508700

Ion Ratio Lower Upper

188 100

94 6.3 4.6 6.8

80 7.4 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3155

Delta R.T. -0.018 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

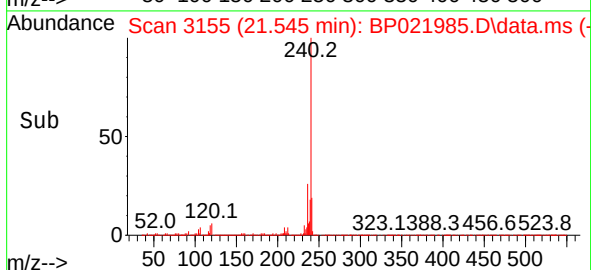
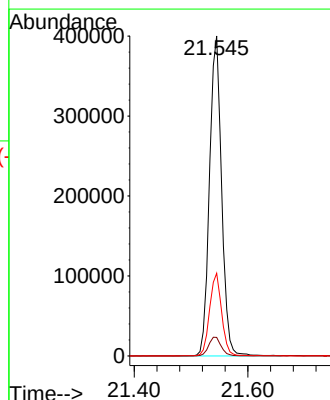
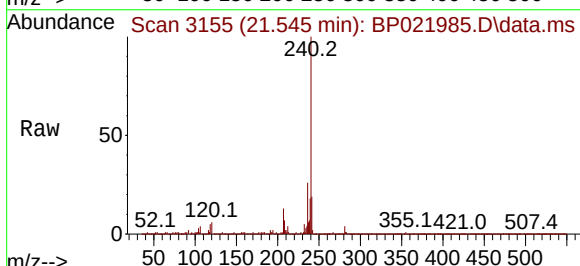
Tgt Ion:240 Resp: 588618

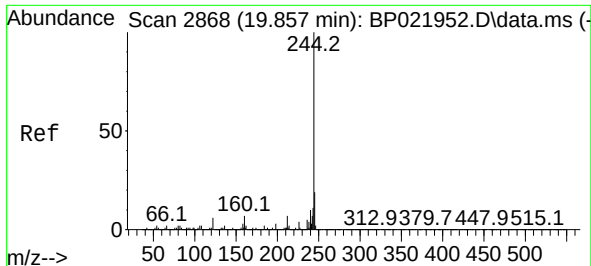
Ion Ratio Lower Upper

240 100

120 5.8 5.1 7.7

236 25.8 20.7 31.1

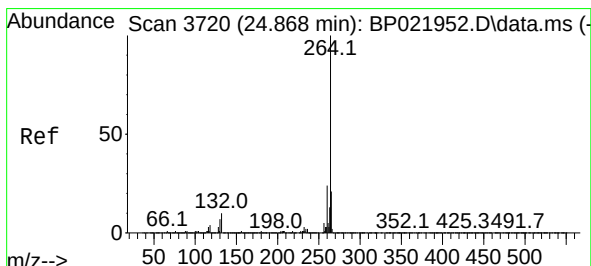
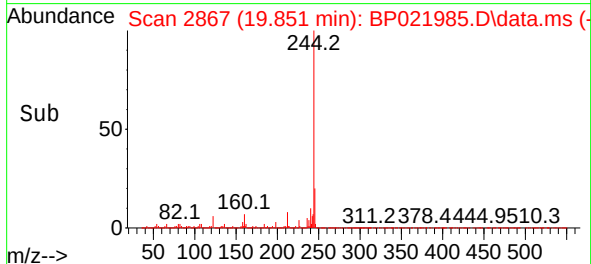
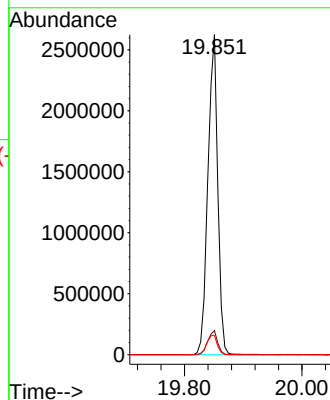
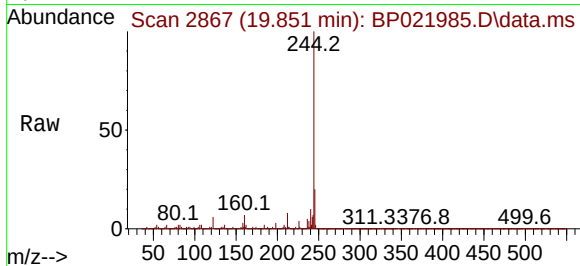




#79
 Terphenyl-d14
 Concen: 97.342 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

Instrument :
 BNA_P
 ClientSampleId :
 PB163511TB

Tgt Ion:244 Resp: 3050175
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3714
 Delta R.T. -0.035 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

Tgt Ion:264 Resp: 660304
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.0 17.5 26.3

