

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021960.D
 Acq On : 20 Sep 2024 09:47
 Operator : RC/JU
 Sample : PB163109BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163109BL

Quant Time: Sep 20 11:00:48 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	7.705	152	93050	20.000	ng	-0.01
21) Naphthalene-d8	10.469	136	324846	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	211701	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	479935	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	520357	20.000	ng	-0.01
86) Perylene-d12	24.833	264	595273	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	600629	121.305	ng	0.00
7) Phenol-d6	6.887	99	732022	113.884	ng	-0.01
23) Nitrobenzene-d5	8.846	82	495987	80.790	ng	-0.01
42) 2,4,6-Tribromophenol	15.834	330	434135	110.616	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1221445	84.224	ng	0.00
79) Terphenyl-d14	19.851	244	2435019	87.904	ng	0.00

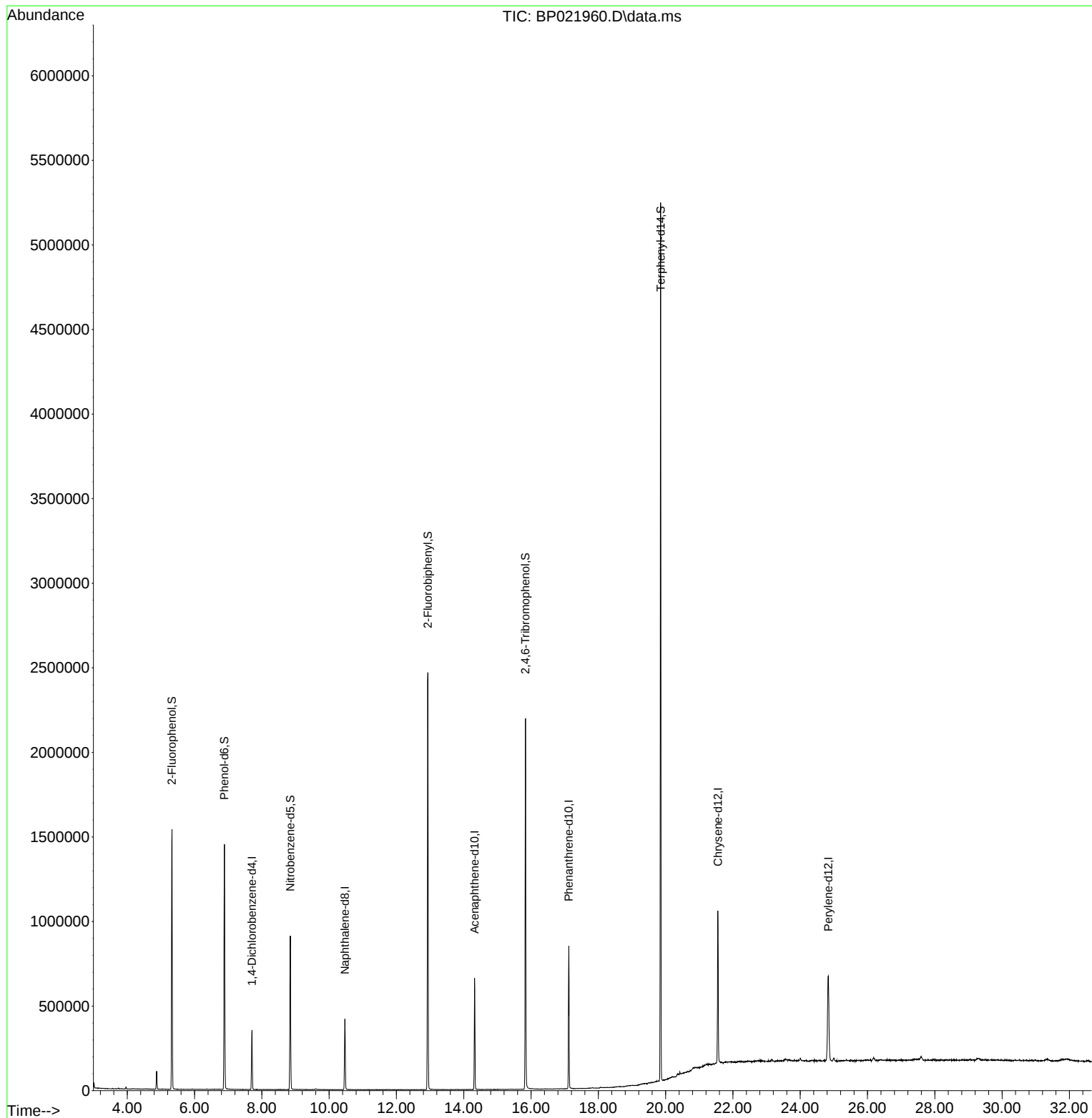
Target Compounds Qvalue

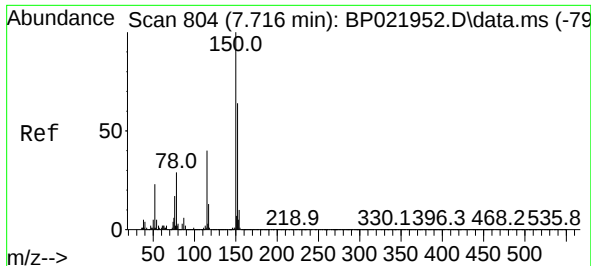
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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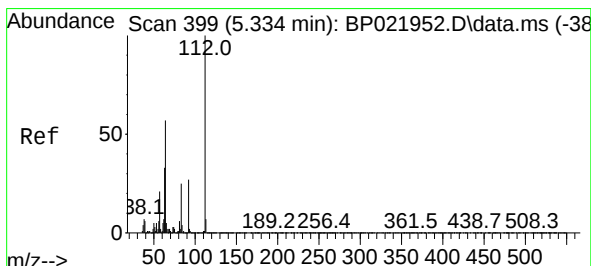
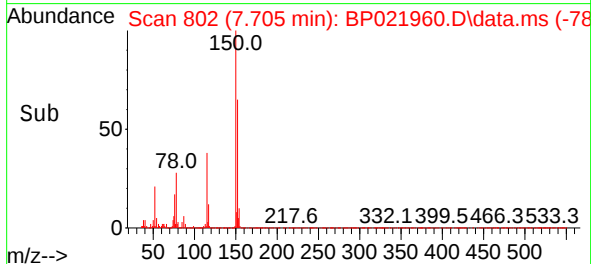
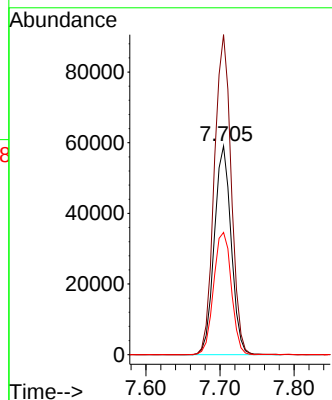
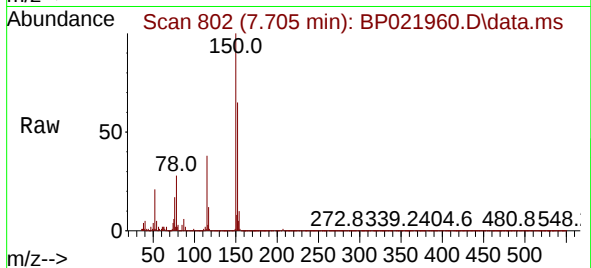




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 804
Delta R.T. -0.011 min
Lab File: BP021960.D
Acq: 20 Sep 2024 09:47

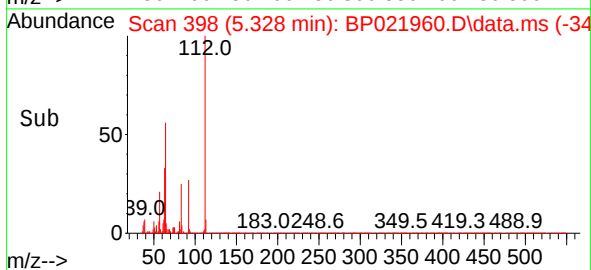
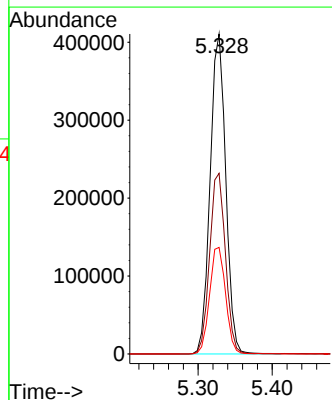
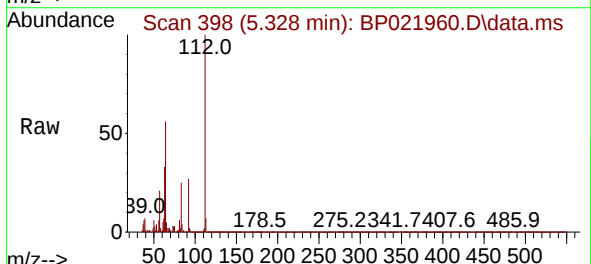
Instrument :
BNA_P
ClientSampleId :
PB163109BL

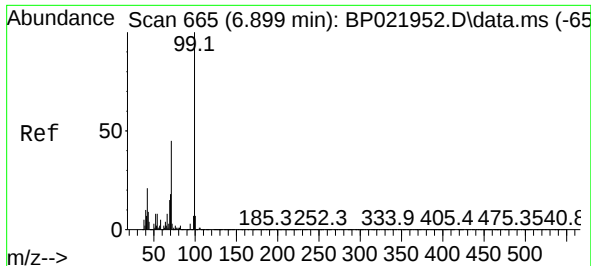
Tgt Ion:152 Resp: 93050
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 58.6 49.2 73.8



#5
2-Fluorophenol
Concen: 121.305 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.006 min
Lab File: BP021960.D
Acq: 20 Sep 2024 09:47

Tgt Ion:112 Resp: 600629
Ion Ratio Lower Upper
112 100
64 56.4 45.4 68.0
63 33.3 26.6 39.8

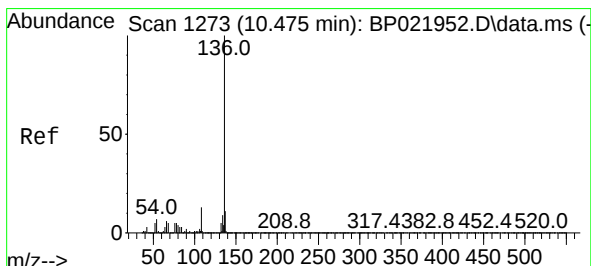
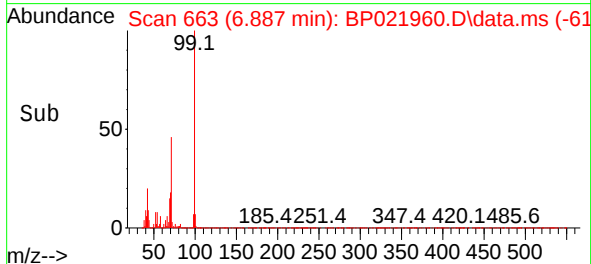
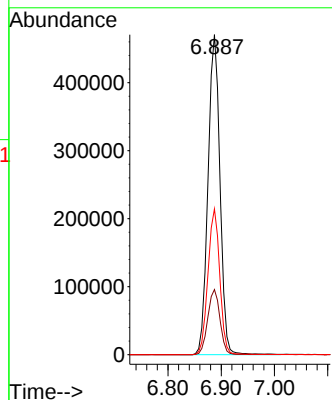
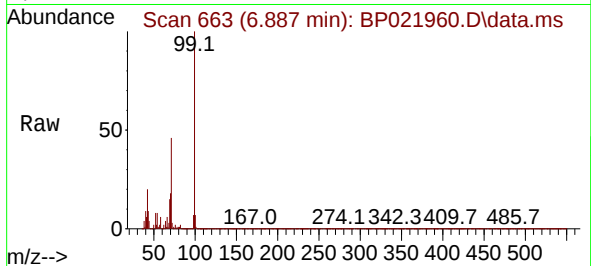




#7
Phenol-d6
Concen: 113.884 ng
RT: 6.887 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP021960.D
Acq: 20 Sep 2024 09:47

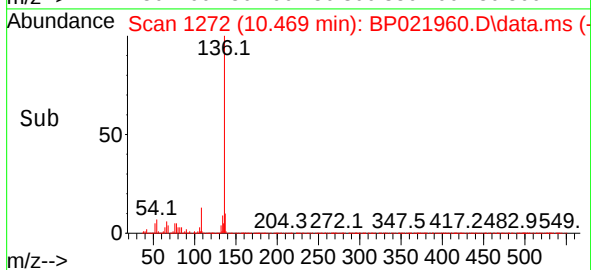
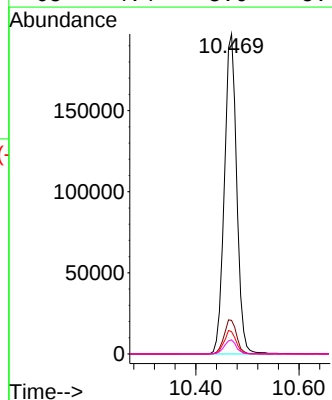
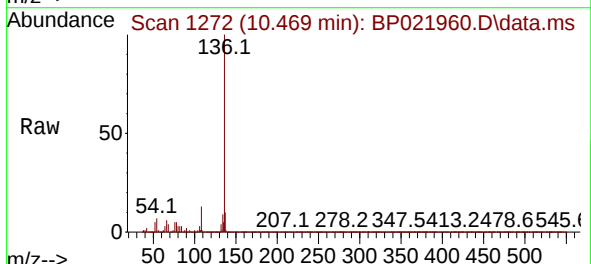
Instrument :
BNA_P
ClientSampleId :
PB163109BL

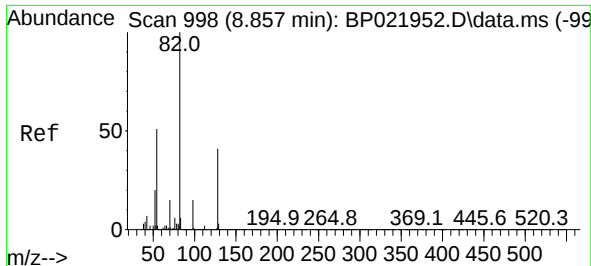
Tgt Ion: 99 Resp: 732022
Ion Ratio Lower Upper
99 100
42 20.4 16.8 25.2
71 45.6 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021960.D
Acq: 20 Sep 2024 09:47

Tgt Ion:136 Resp: 324846
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.0 5.5 8.3
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 80.790 ng

RT: 8.846 min Scan# 998

Delta R.T. -0.012 min

Lab File: BP021960.D

Acq: 20 Sep 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB163109BL

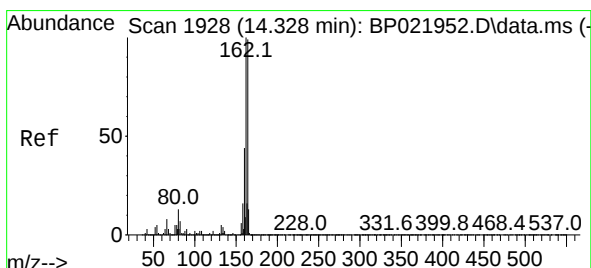
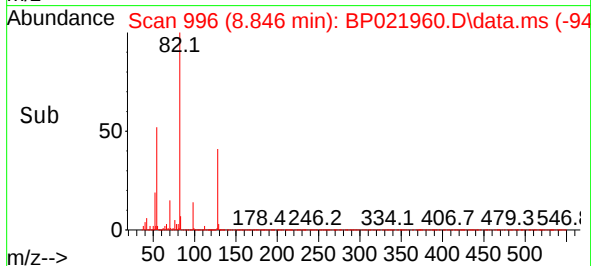
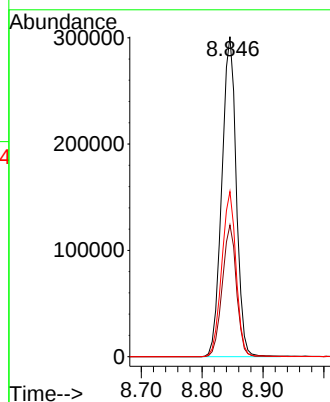
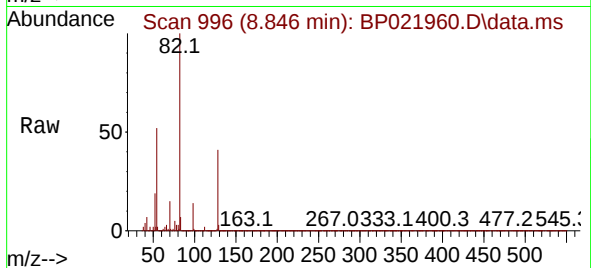
Tgt Ion: 82 Resp: 495987

Ion Ratio Lower Upper

82 100

128 41.1 33.1 49.7

54 51.6 40.3 60.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.322 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP021960.D

Acq: 20 Sep 2024 09:47

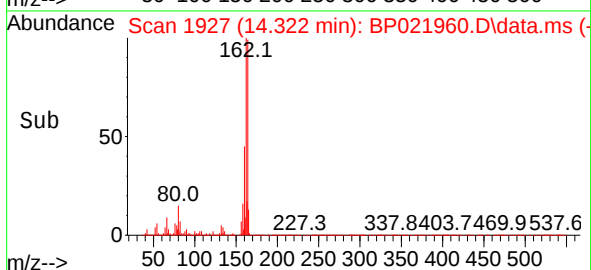
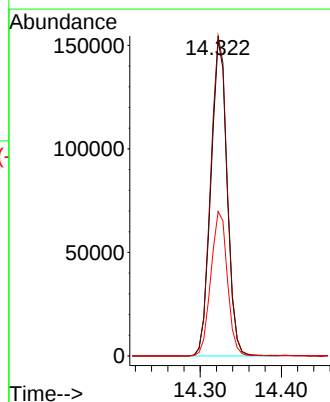
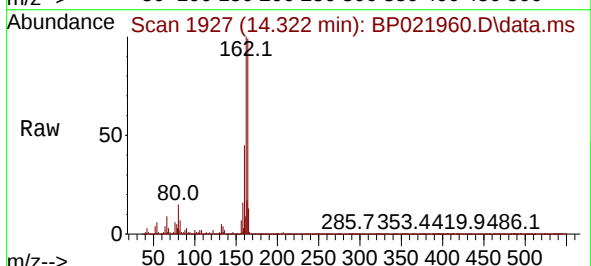
Tgt Ion:164 Resp: 211701

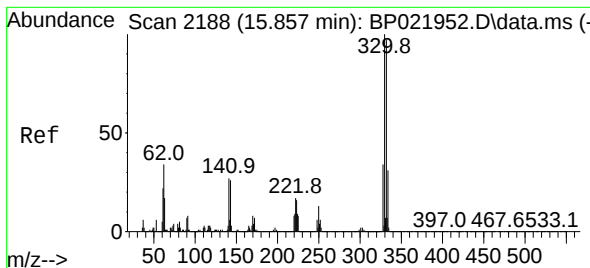
Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 110.616 ng

RT: 15.834 min Scan# 2184

Delta R.T. -0.023 min

Lab File: BP021960.D

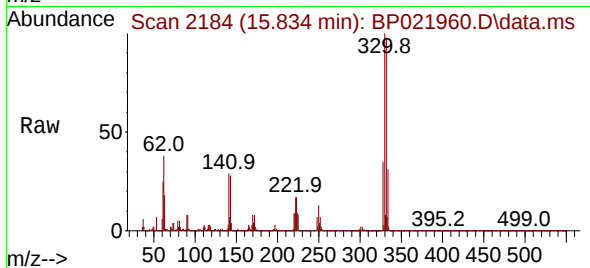
Acq: 20 Sep 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB163109BL



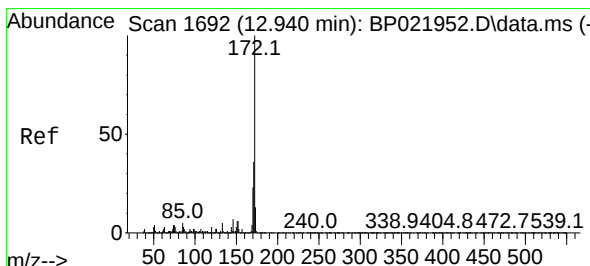
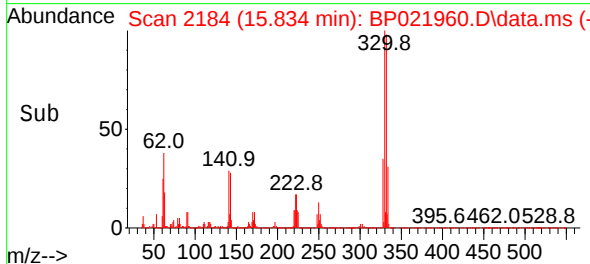
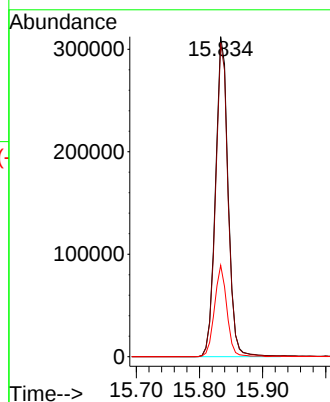
Tgt Ion:330 Resp: 434135

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 28.0 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 84.224 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021960.D

Acq: 20 Sep 2024 09:47

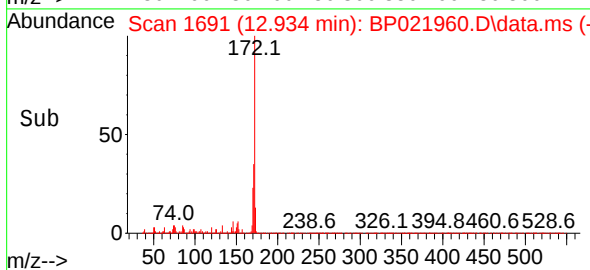
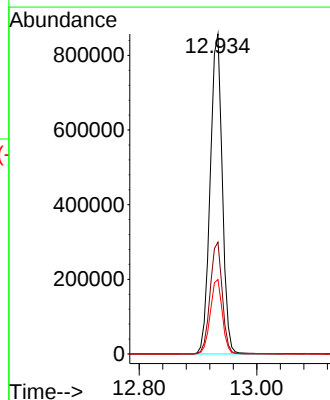
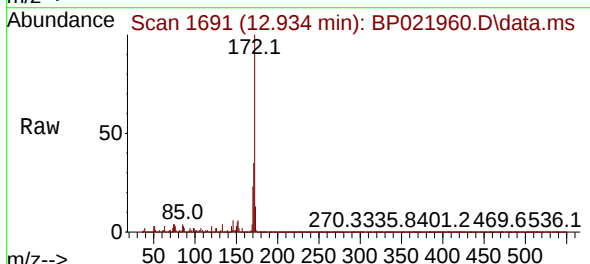
Tgt Ion:172 Resp: 1221445

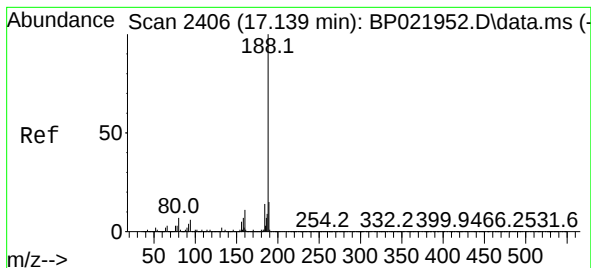
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.3 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: BP021960.D

Acq: 20 Sep 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB163109BL

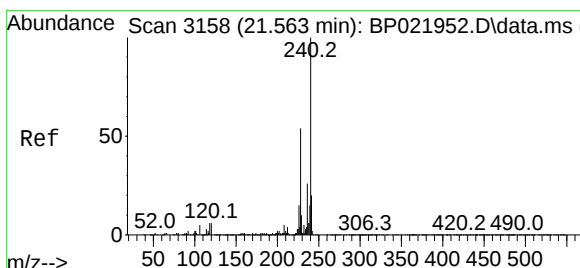
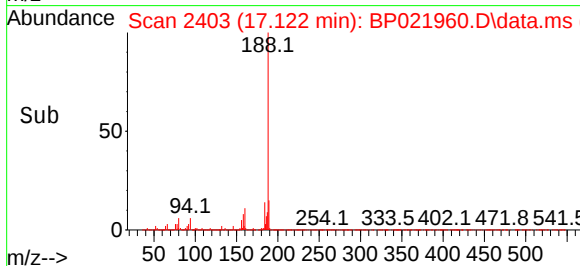
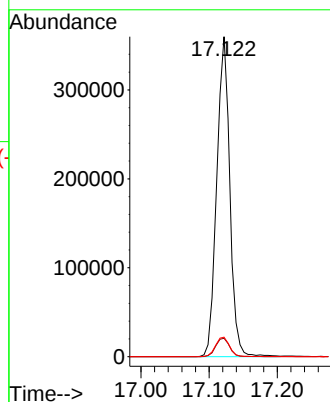
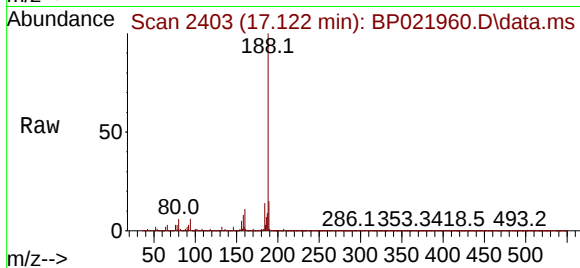
Tgt Ion:188 Resp: 479935

Ion Ratio Lower Upper

188 100

94 5.7 4.6 6.8

80 6.1 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.012 min

Lab File: BP021960.D

Acq: 20 Sep 2024 09:47

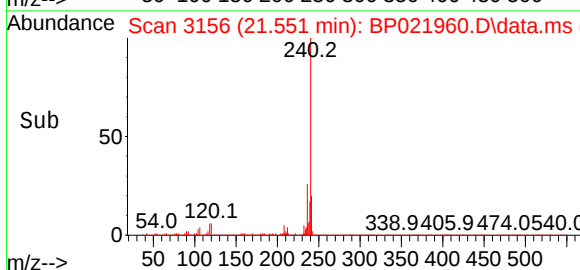
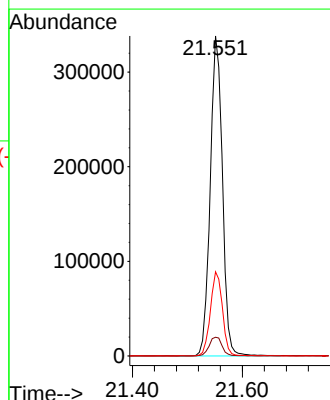
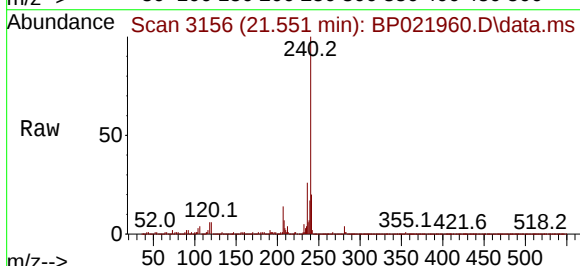
Tgt Ion:240 Resp: 520357

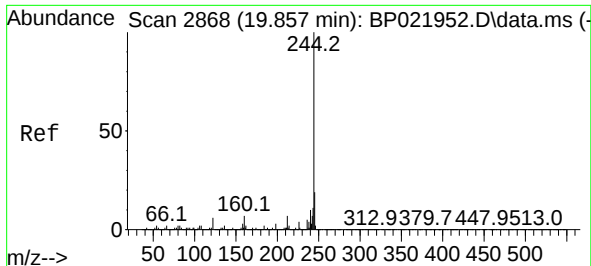
Ion Ratio Lower Upper

240 100

120 5.9 5.1 7.7

236 26.3 20.7 31.1

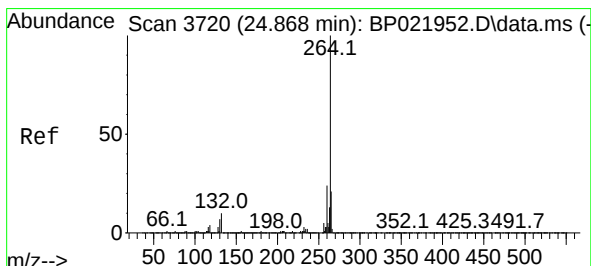
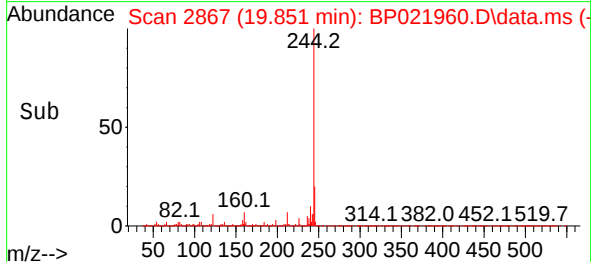
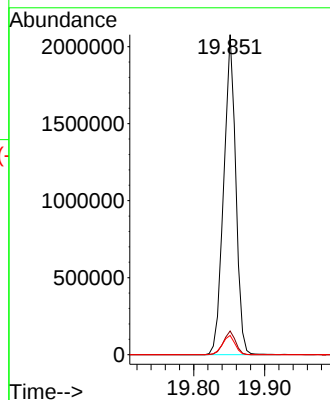
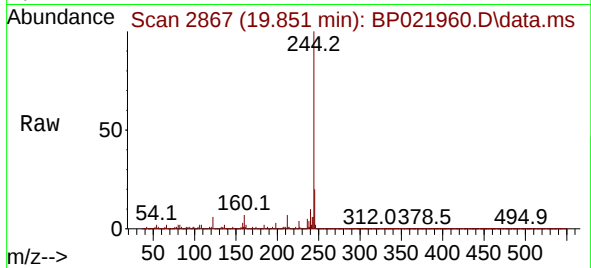




#79
 Terphenyl-d14
 Concen: 87.904 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021960.D
 Acq: 20 Sep 2024 09:47

Instrument :
 BNA_P
 ClientSampleId :
 PB163109BL

Tgt Ion:244 Resp: 2435019
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 6.0 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: BP021960.D
 Acq: 20 Sep 2024 09:47

Tgt Ion:264 Resp: 595273
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.4 17.5 26.3

