

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022937.D
 Acq On : 08 Nov 2024 16:51
 Operator : RC/JU
 Sample : PB164369BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 08 17:47:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	60434	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	205441	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	151785	20.000	ng	0.00
64) Phenanthrene-d10	17.033	188	366674	20.000	ng	0.01
76) Chrysene-d12	21.468	240	471057	20.000	ng	0.00
86) Perylene-d12	24.704	264	585630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	465033	146.032	ng	0.00
7) Phenol-d6	6.793	99	589166	132.666	ng	0.00
23) Nitrobenzene-d5	8.740	82	414084	95.224	ng	0.00
42) 2,4,6-Tribromophenol	15.728	330	396493	134.767	ng	-0.02
45) 2-Fluorobiphenyl	12.816	172	1030942	97.050	ng	0.00
79) Terphenyl-d14	19.757	244	2519361	100.442	ng	0.00

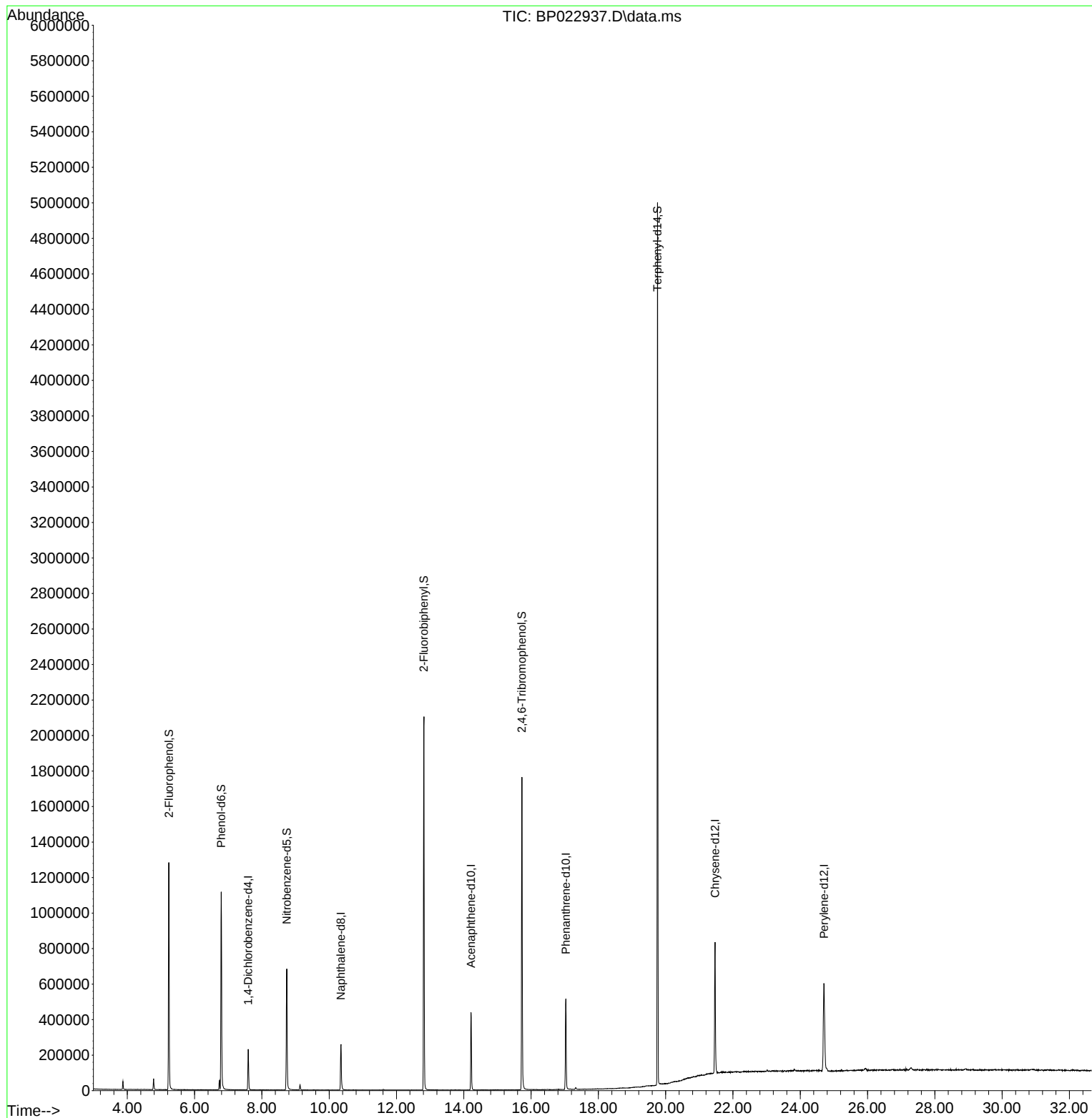
Target Compounds	Qvalue

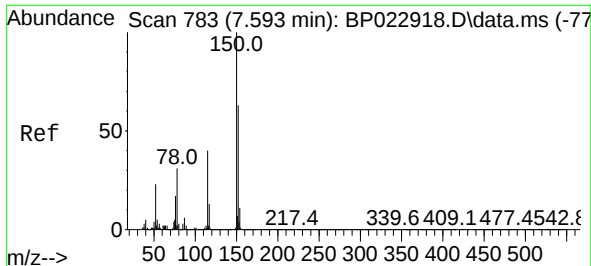
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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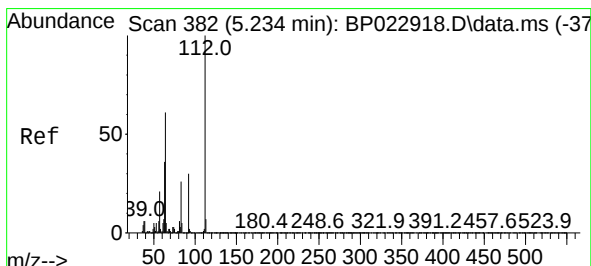
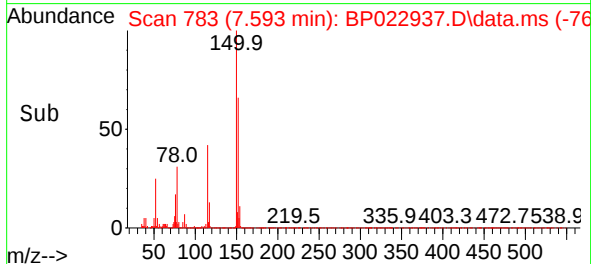
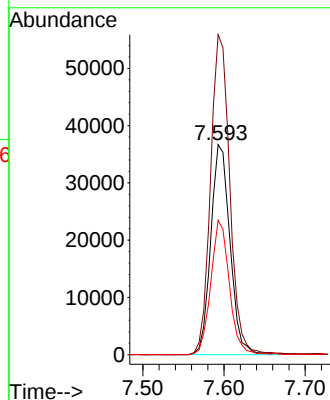
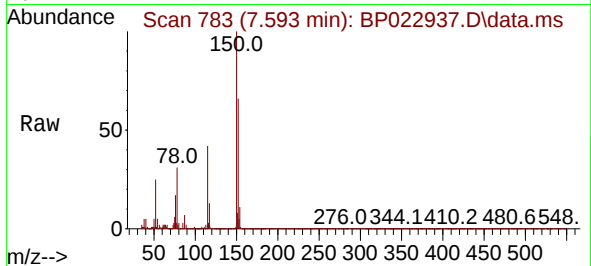




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.593 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

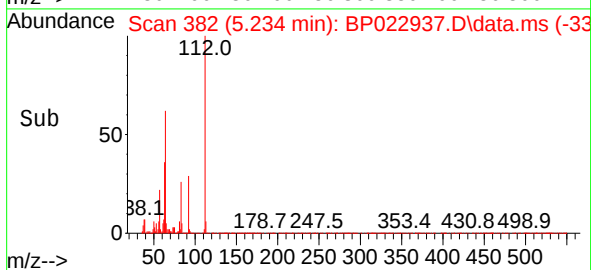
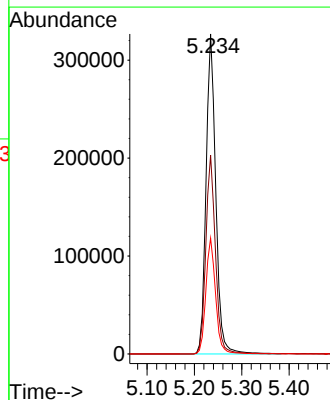
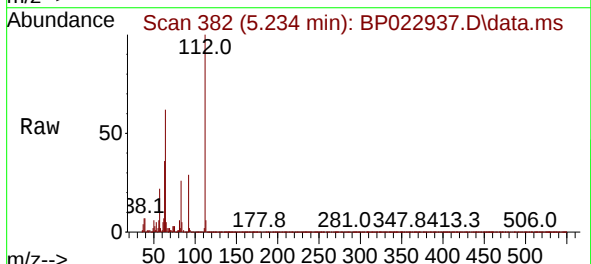
Instrument :
BNA_P
ClientSampleId :

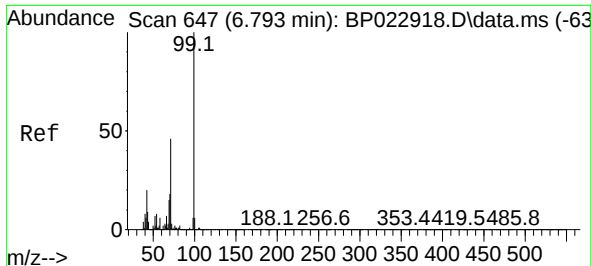
Tgt Ion:152 Resp: 60434
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.4
115 64.0 50.5 75.7



#5
2-Fluorophenol
Concen: 146.032 ng
RT: 5.234 min Scan# 382
Delta R.T. 0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

Tgt Ion:112 Resp: 465033
Ion Ratio Lower Upper
112 100
64 62.2 48.7 73.1
63 36.2 29.0 43.4

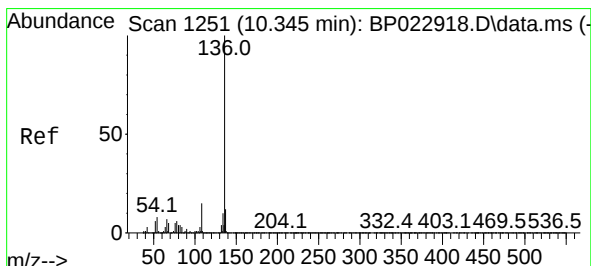
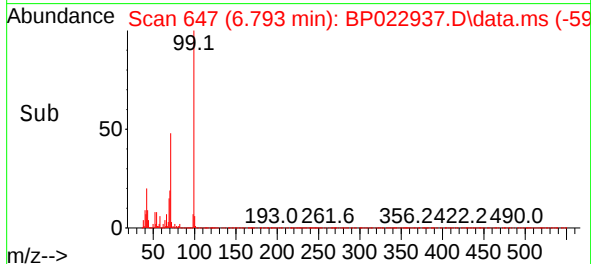
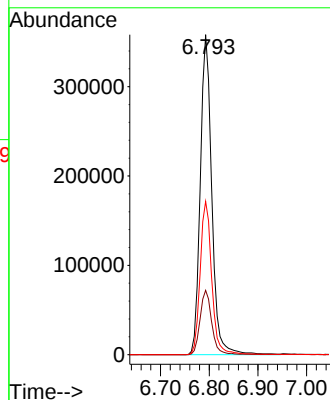
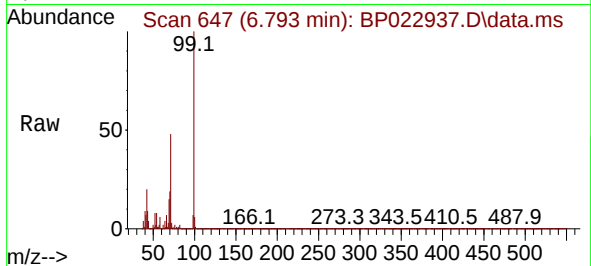




#7
Phenol-d6
Concen: 132.666 ng
RT: 6.793 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

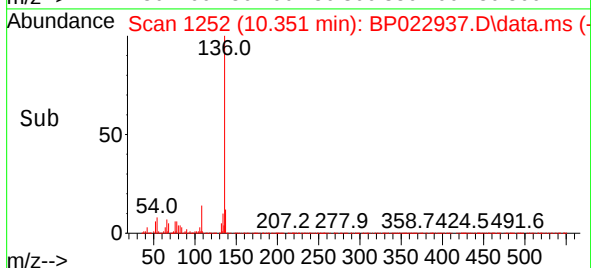
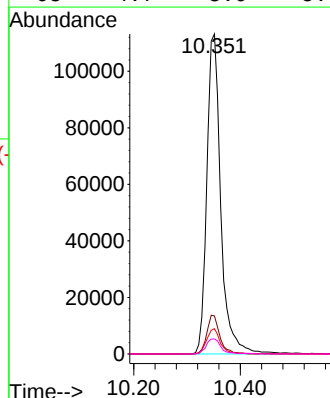
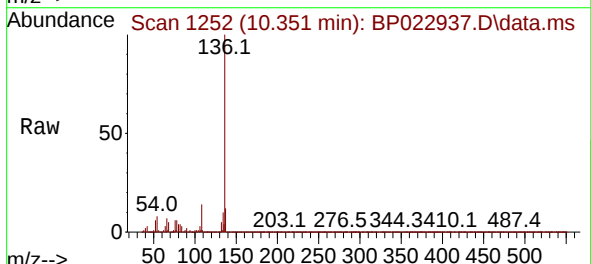
Instrument :
BNA_P
ClientSampleId :

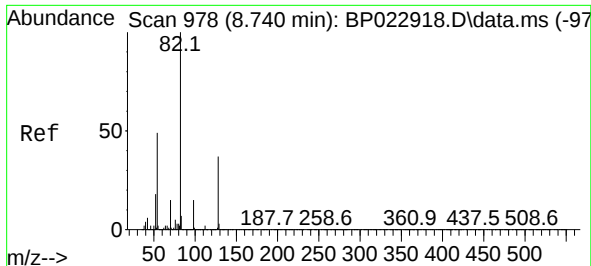
Tgt Ion: 99 Resp: 589166
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 47.9 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.351 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

Tgt Ion: 136 Resp: 205441
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 7.9 6.4 9.6
68 4.7 3.9 5.9





#23

Nitrobenzene-d5

Concen: 95.224 ng

RT: 8.740 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

Instrument :

BNA_P

ClientSampleId :

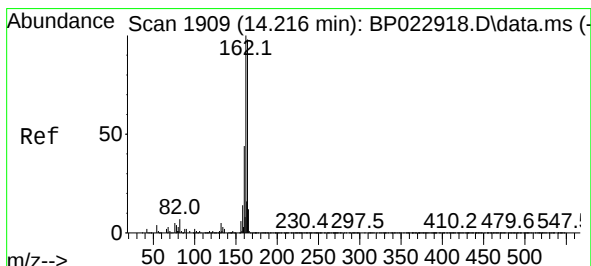
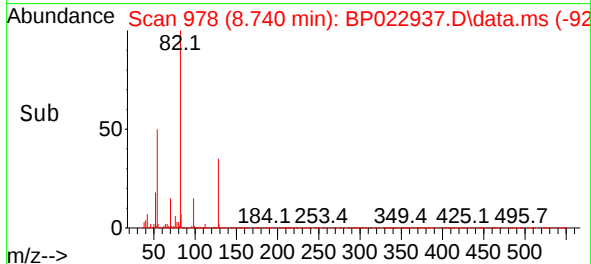
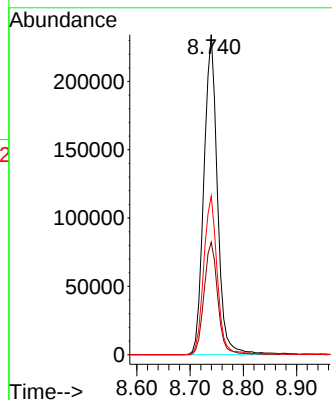
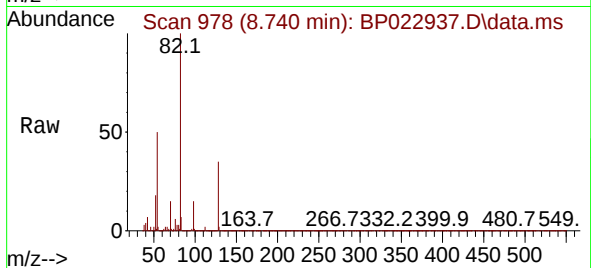
Tgt Ion: 82 Resp: 414084

Ion Ratio Lower Upper

82 100

128 35.1 29.8 44.8

54 49.5 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.216 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

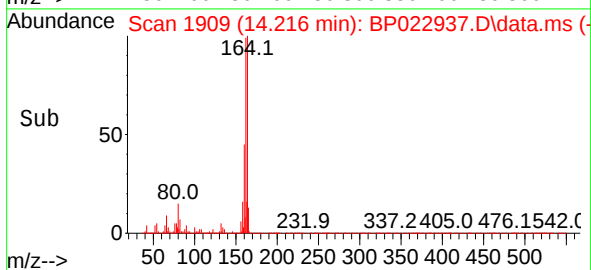
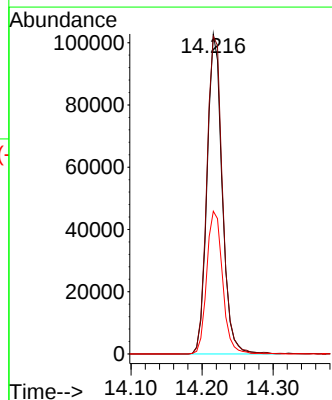
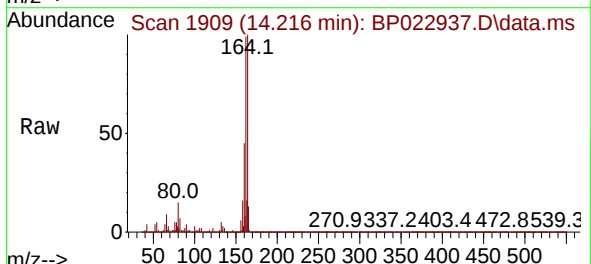
Tgt Ion:164 Resp: 151785

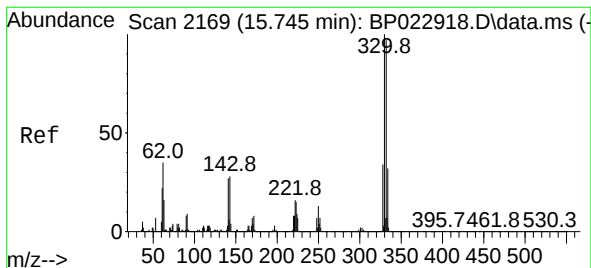
Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.8

160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 134.767 ng

RT: 15.728 min Scan# 2166

Delta R.T. -0.018 min

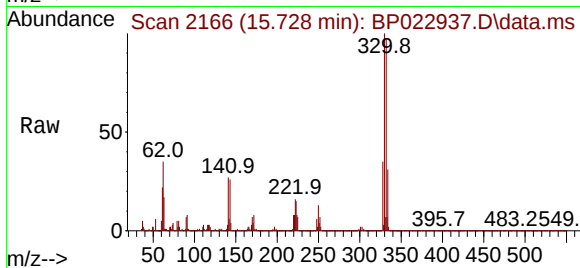
Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

Instrument :

BNA_P

ClientSampleId :



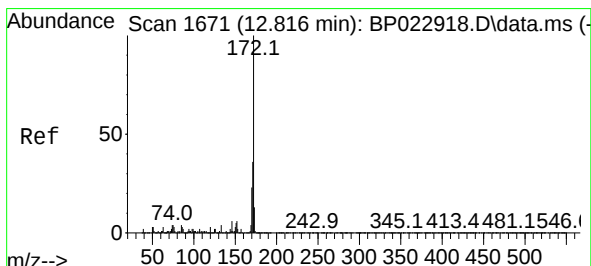
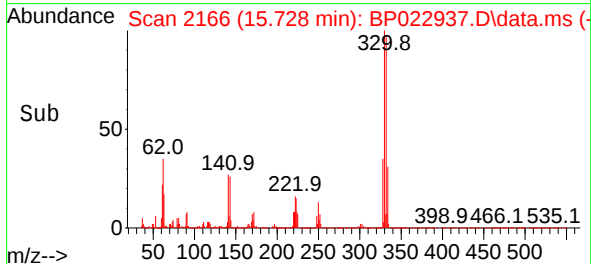
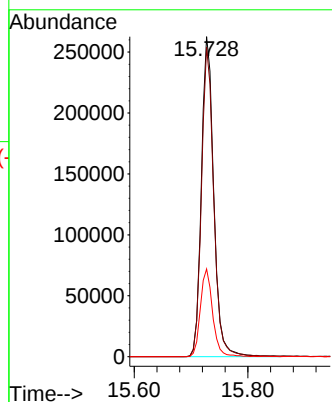
Tgt Ion:330 Resp: 396493

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 27.2 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 97.050 ng

RT: 12.816 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

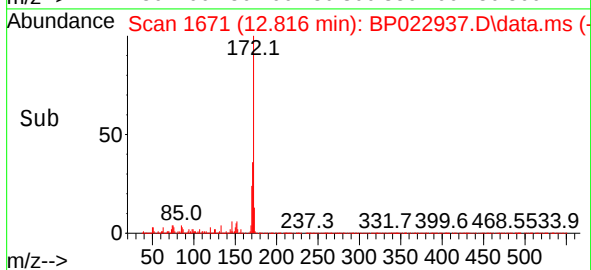
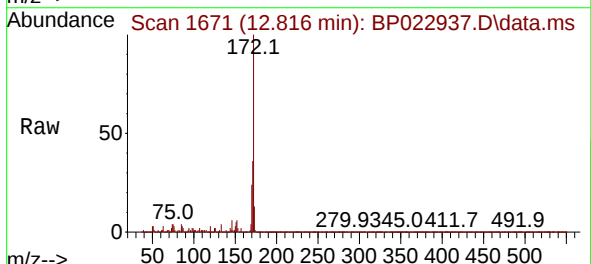
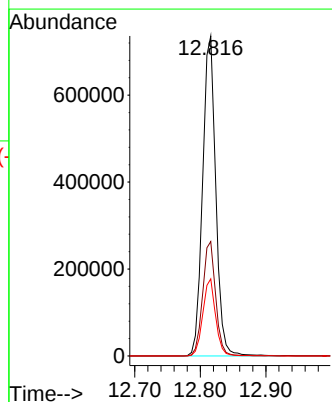
Tgt Ion:172 Resp: 1030942

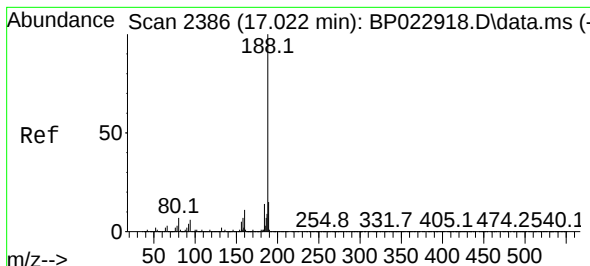
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.033 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

Instrument :

BNA_P

ClientSampleId :

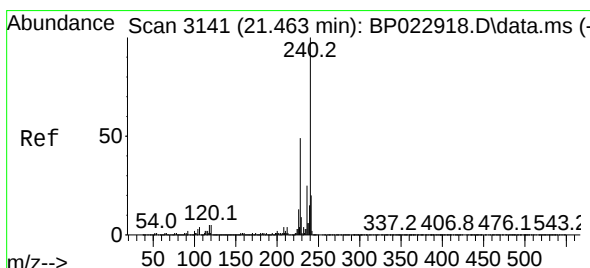
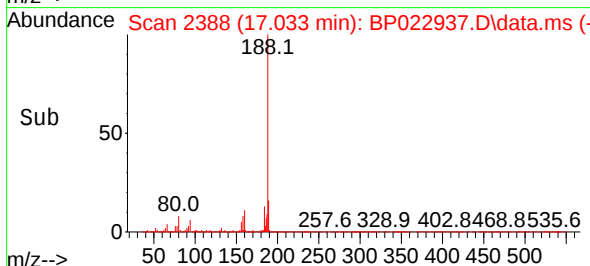
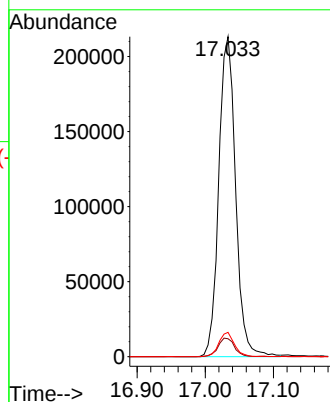
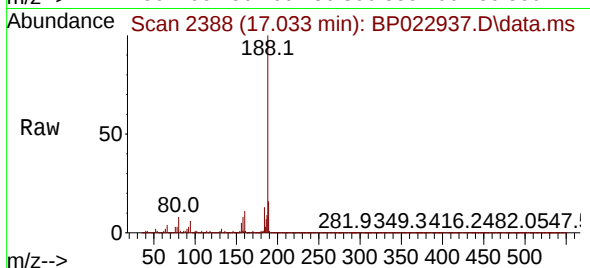
Tgt Ion:188 Resp: 366674

Ion Ratio Lower Upper

188 100

94 5.6 4.8 7.2

80 7.6 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

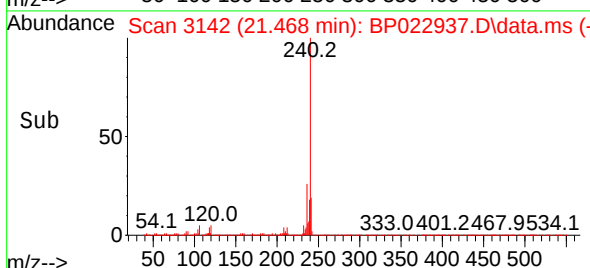
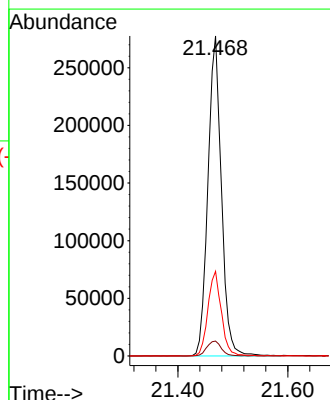
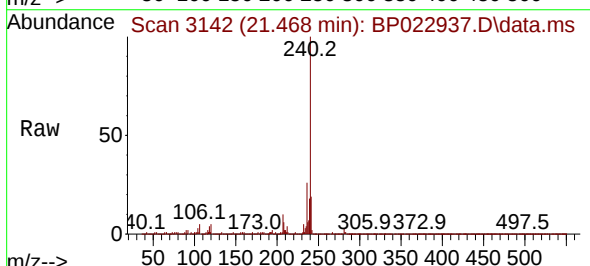
Tgt Ion:240 Resp: 471057

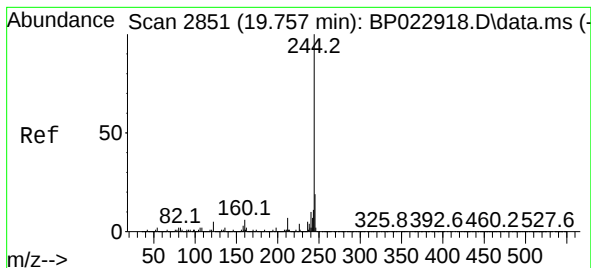
Ion Ratio Lower Upper

240 100

120 4.7 4.2 6.2

236 26.4 20.4 30.6





#79

Terphenyl-d14

Concen: 100.442 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

Instrument :

BNA_P

ClientSampleId :

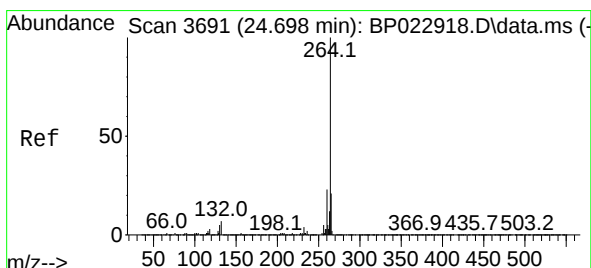
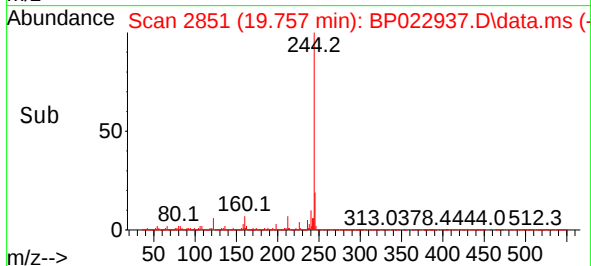
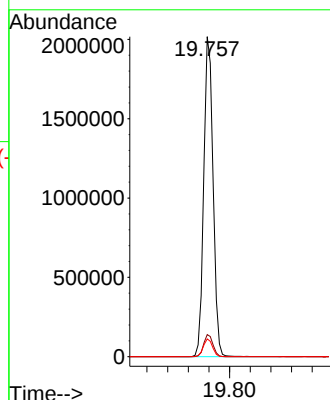
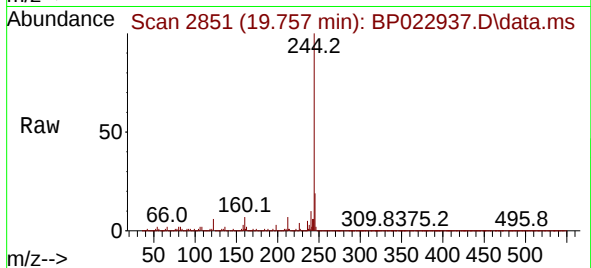
Tgt Ion:244 Resp: 2519361

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 5.5 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 3692

Delta R.T. 0.006 min

Lab File: BP022937.D

Acq: 08 Nov 2024 16:51

Tgt Ion:264 Resp: 585630

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.4 26.2

