

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
Data File : BP023013.D
Acq On : 11 Nov 2024 14:16
Operator : RC/JU
Sample : PB164382BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 11 14:44:14 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	7.587	152	65018	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	223526	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	164019	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	407040	20.000	ng	0.00
76) Chrysene-d12	21.463	240	511253	20.000	ng	0.00
86) Perylene-d12	24.716	264	587942	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	510723	149.072	ng	0.00
7) Phenol-d6	6.787	99	647525	135.527	ng	0.00
23) Nitrobenzene-d5	8.728	82	457169	96.626	ng	-0.01
42) 2,4,6-Tribromophenol	15.734	330	438254	137.850	ng	-0.01
45) 2-Fluorobiphenyl	12.816	172	1127587	98.230	ng	0.00
79) Terphenyl-d14	19.763	244	2617479	96.150	ng	0.00

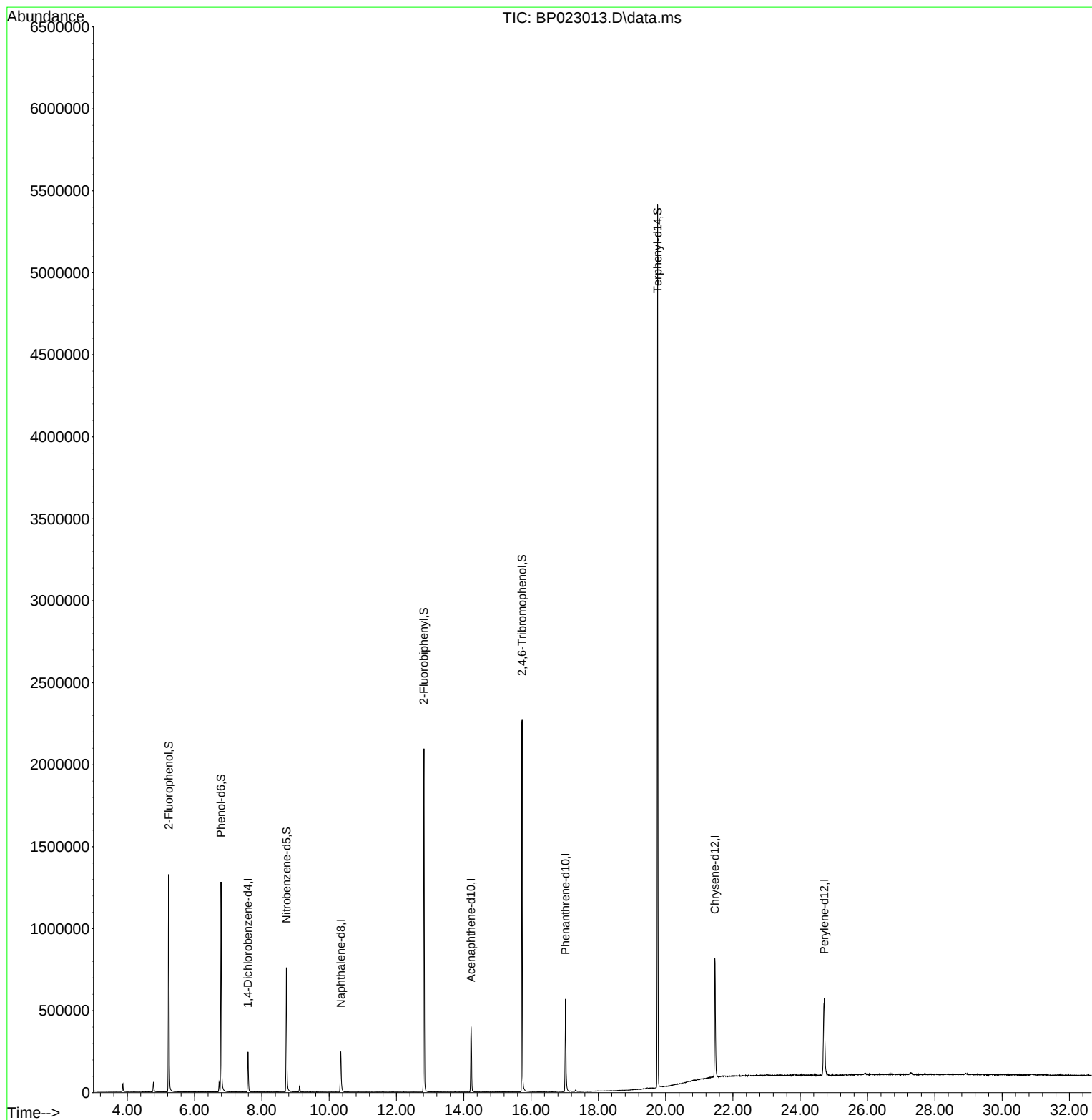
Target Compounds	Qvalue

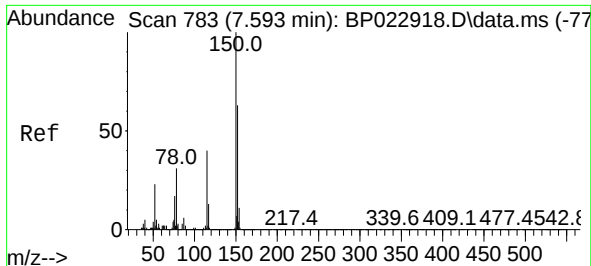
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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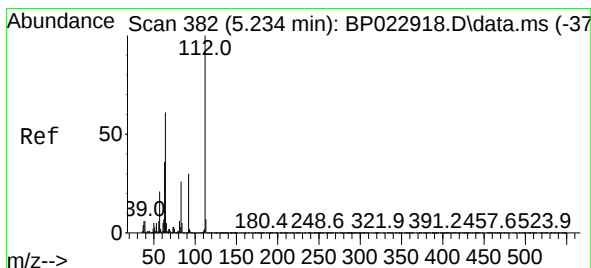
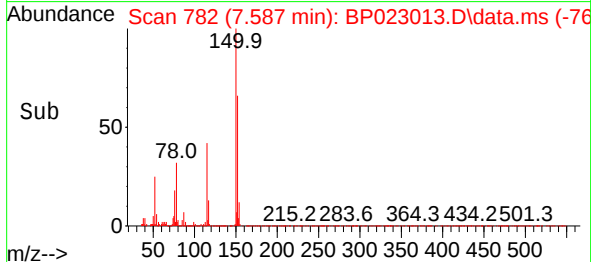
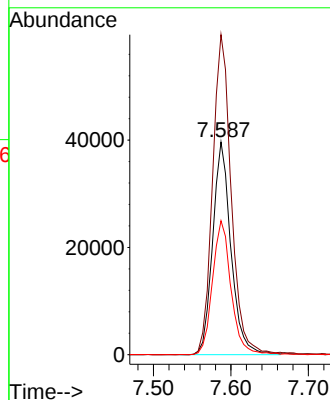
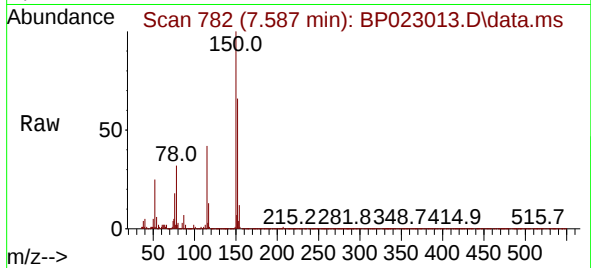




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

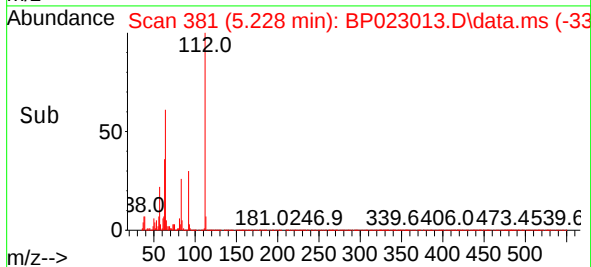
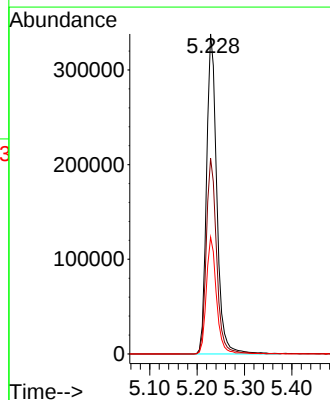
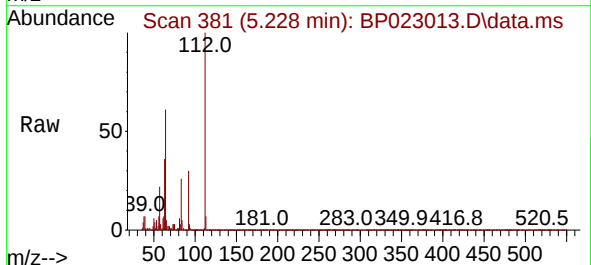
Instrument :
BNA_P
ClientSampleId :

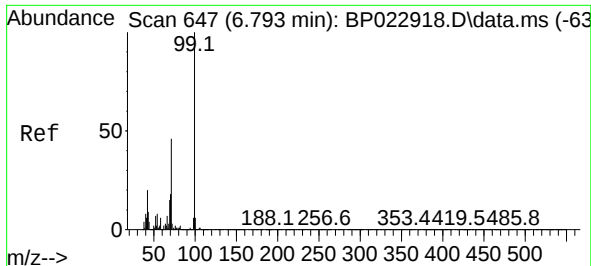
Tgt Ion:152 Resp: 65018
Ion Ratio Lower Upper
152 100
150 150.5 127.0 190.4
115 62.9 50.5 75.7



#5
2-Fluorophenol
Concen: 149.072 ng
RT: 5.228 min Scan# 381
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

Tgt Ion:112 Resp: 510723
Ion Ratio Lower Upper
112 100
64 61.2 48.7 73.1
63 36.5 29.0 43.4

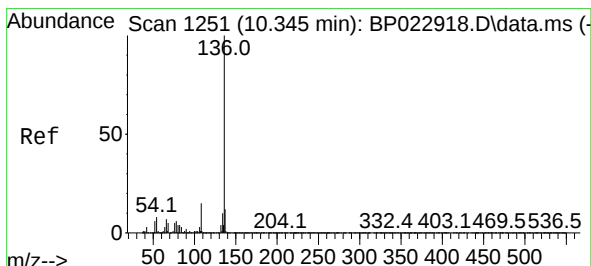
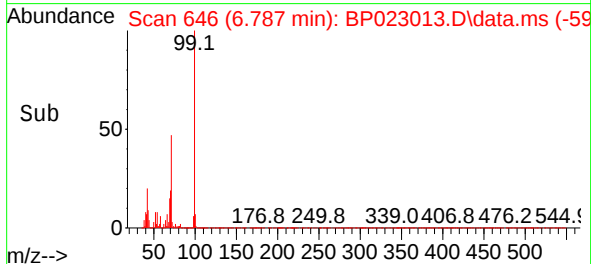
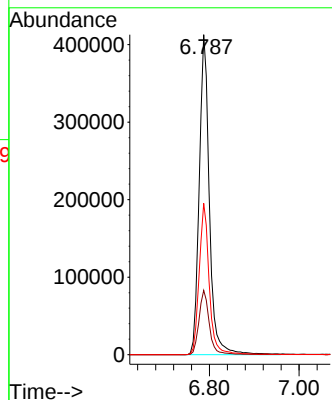
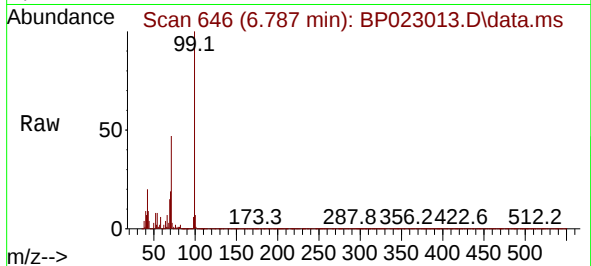




#7
Phenol-d6
Concen: 135.527 ng
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

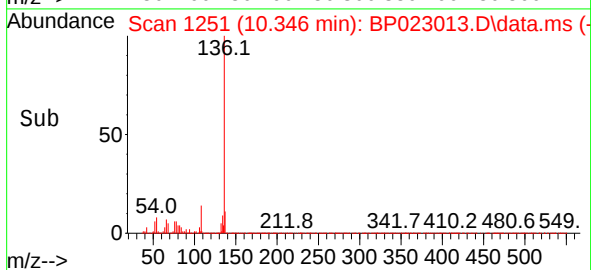
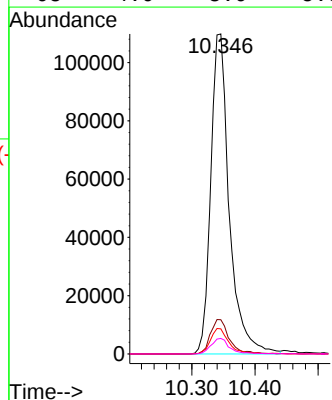
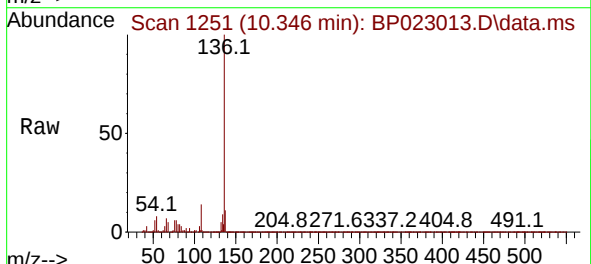
Instrument :
BNA_P
ClientSampleId :

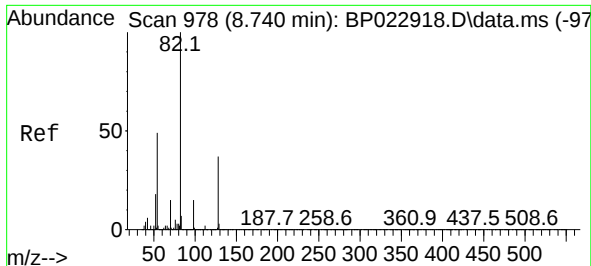
Tgt Ion: 99 Resp: 647525
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 47.3 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.346 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

Tgt Ion: 136 Resp: 223526
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 7.9 6.4 9.6
68 4.9 3.9 5.9





#23

Nitrobenzene-d5

Concen: 96.626 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Instrument :

BNA_P

ClientSampleId :

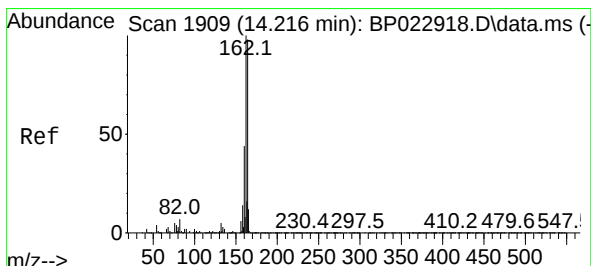
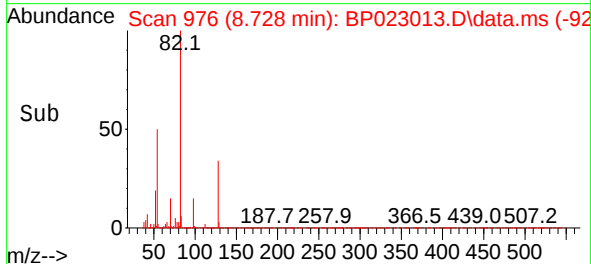
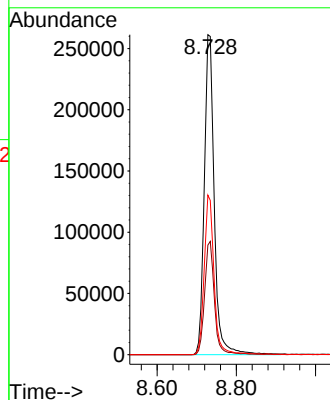
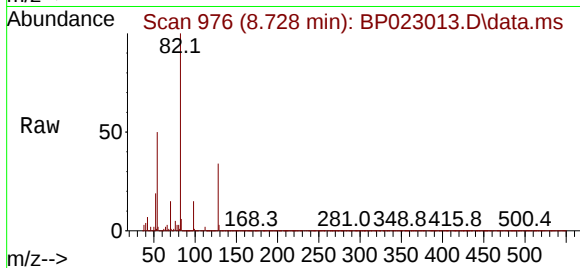
Tgt Ion: 82 Resp: 457169

Ion Ratio Lower Upper

82 100

128 34.2 29.8 44.8

54 49.8 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: BP023013.D

Acq: 11 Nov 2024 14:16

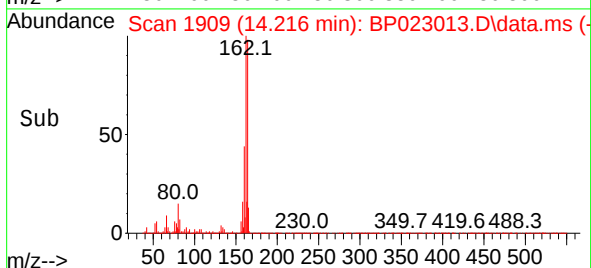
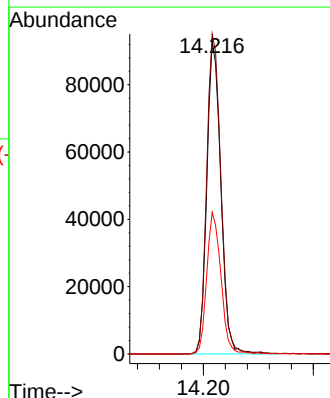
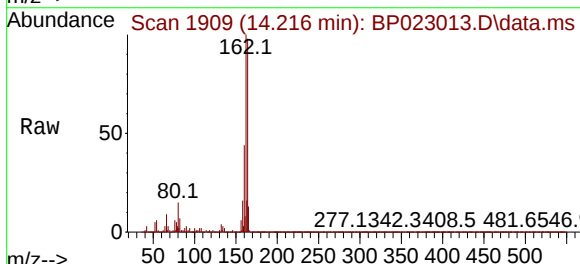
Tgt Ion:164 Resp: 164019

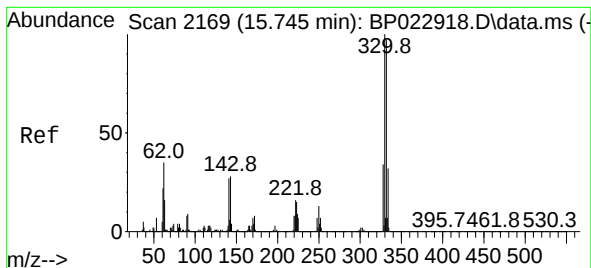
Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

160 45.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 137.850 ng

RT: 15.734 min Scan# 2169

Delta R.T. -0.012 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Instrument :

BNA_P

ClientSampleId :

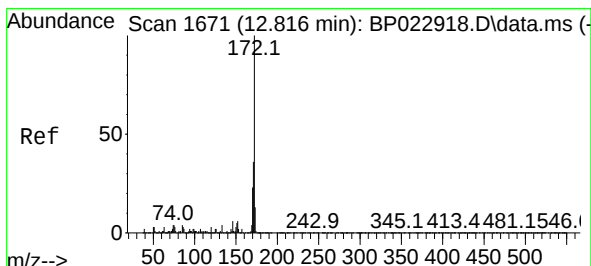
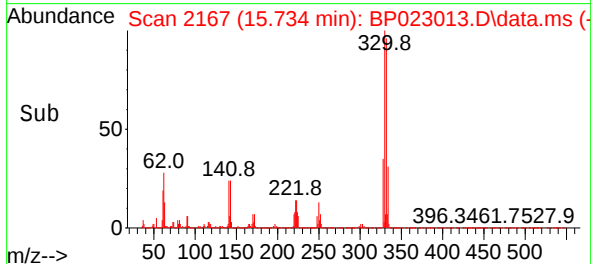
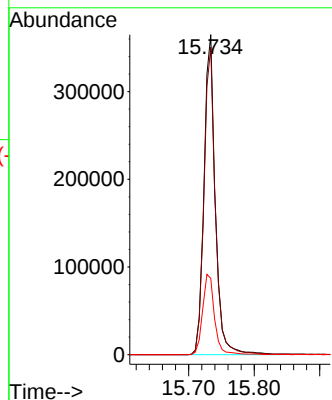
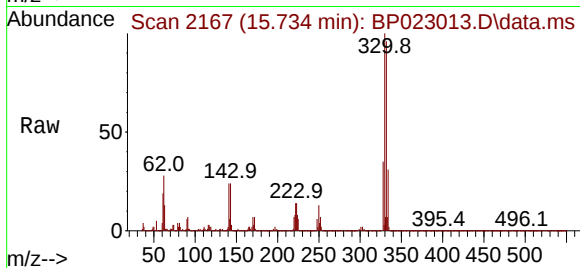
Tgt Ion:330 Resp: 438254

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 26.6 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 98.230 ng

RT: 12.816 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

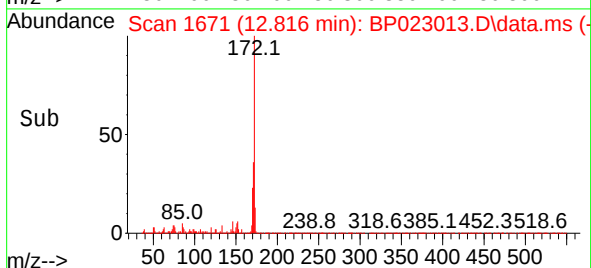
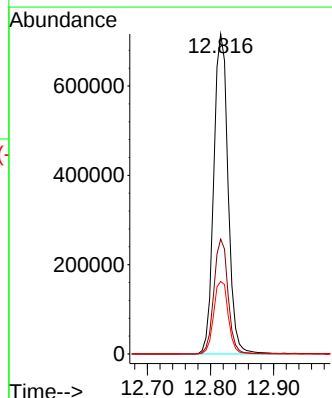
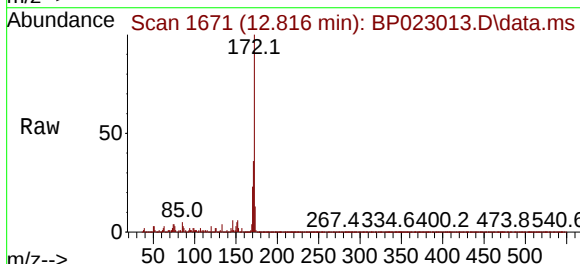
Tgt Ion:172 Resp: 1127587

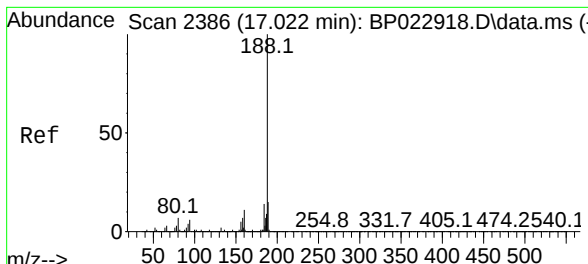
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 22.7 18.6 27.8



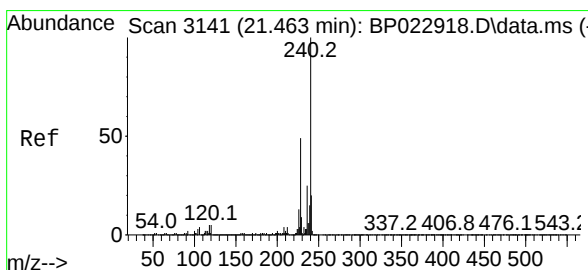
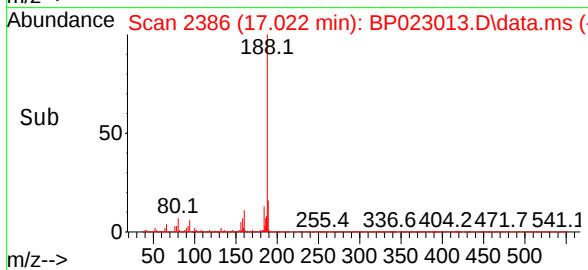
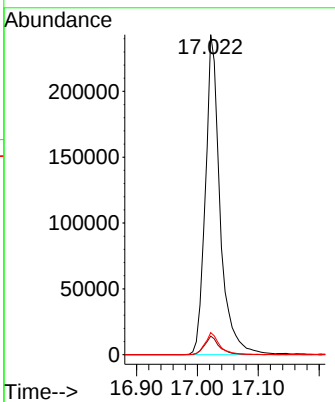
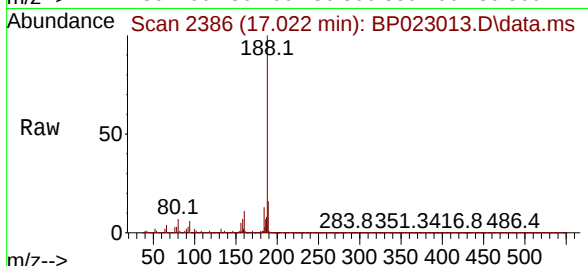


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.022 min Scan# 2386
 Delta R.T. 0.000 min
 Lab File: BP023013.D
 Acq: 11 Nov 2024 14:16

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:188 Resp: 407040

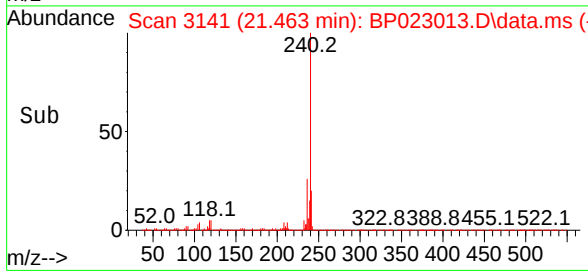
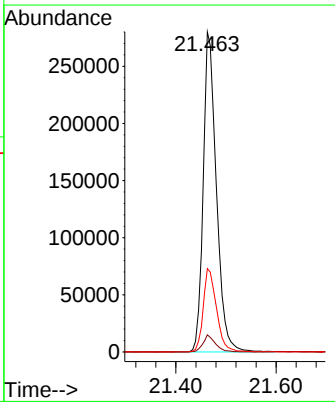
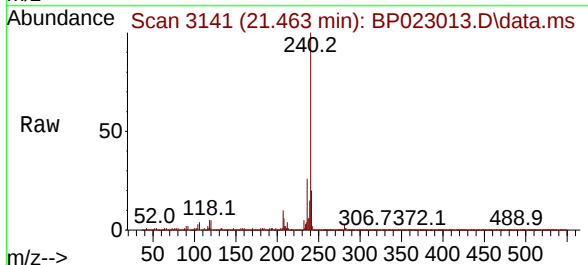
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.8	7.2
80	6.9	5.9	8.9

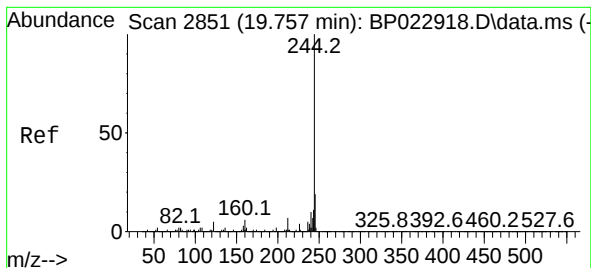


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.463 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BP023013.D
 Acq: 11 Nov 2024 14:16

Tgt Ion:240 Resp: 511253

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	26.1	20.4	30.6





#79

Terphenyl-d14

Concen: 96.150 ng

RT: 19.763 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Instrument :

BNA_P

ClientSampleId :

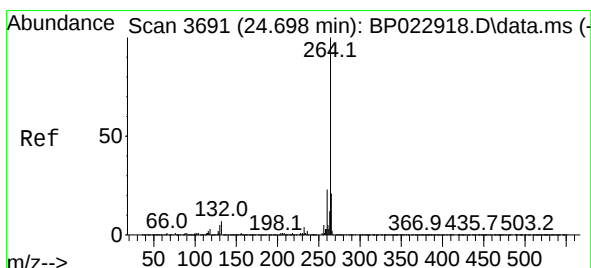
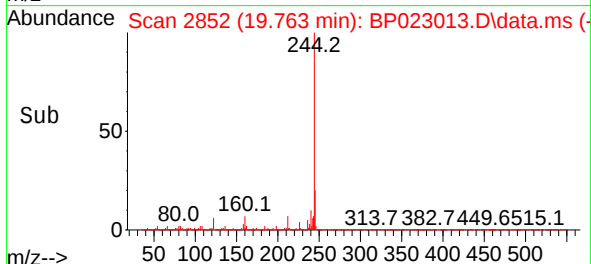
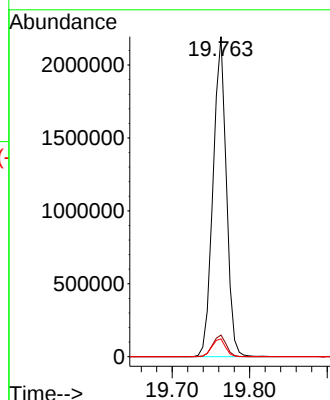
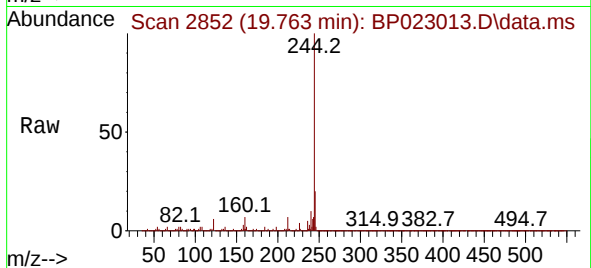
Tgt Ion:244 Resp: 2617479

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 5.5 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.716 min Scan# 3694

Delta R.T. 0.018 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Tgt Ion:264 Resp: 587942

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.5 17.4 26.2

