

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 :
PB164369BL

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

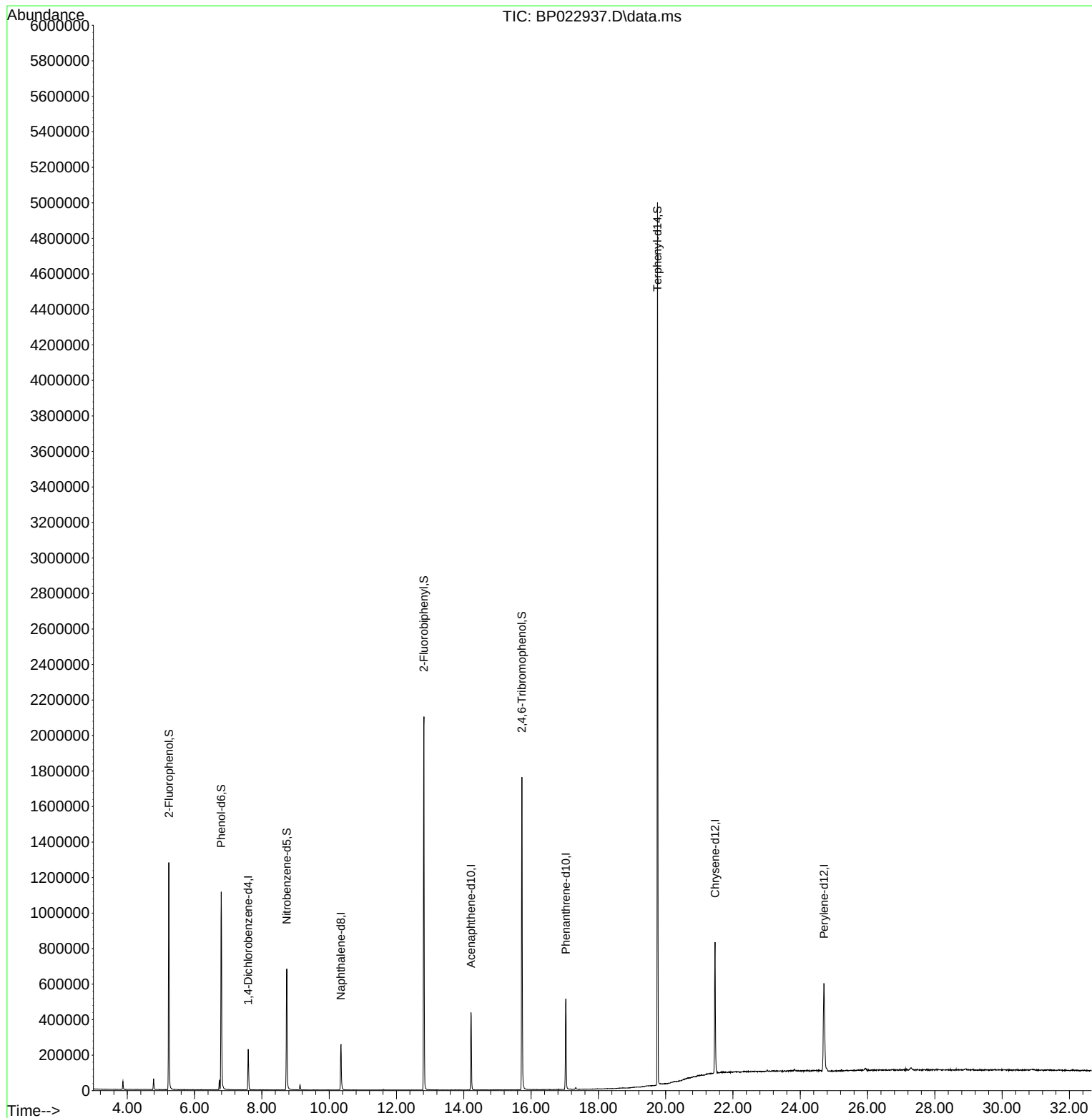
Target Compounds	Qvalue

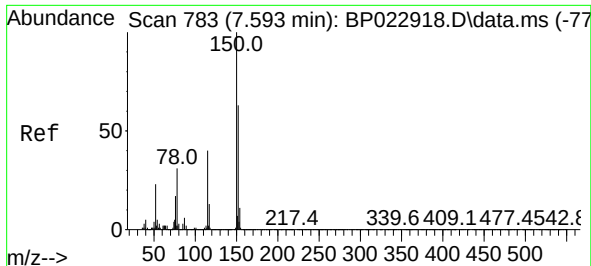
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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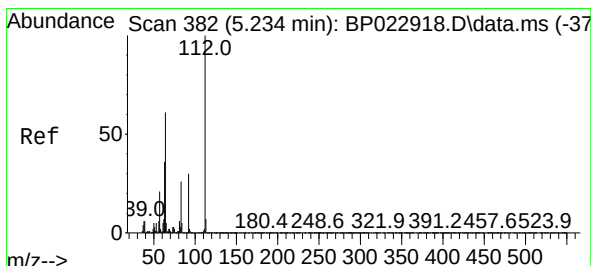
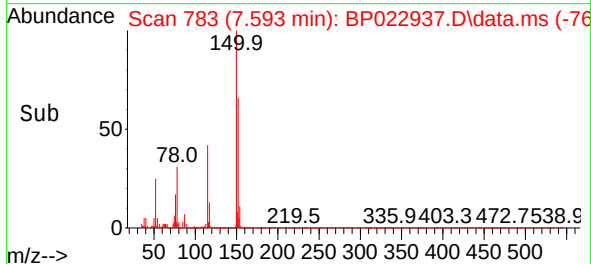
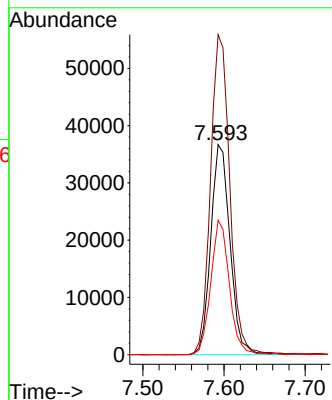
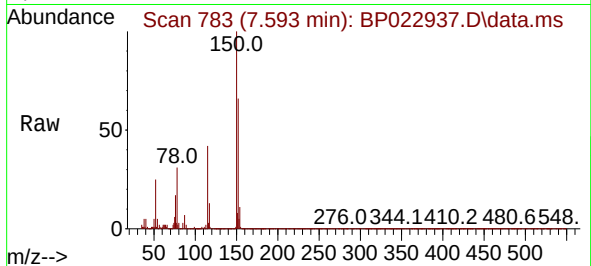




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.593 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

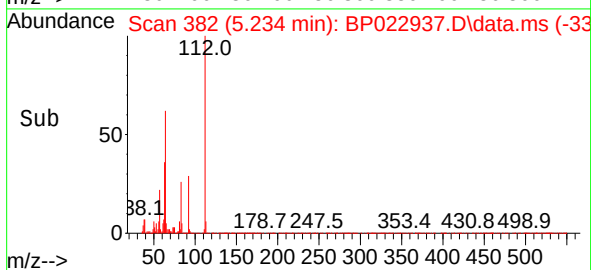
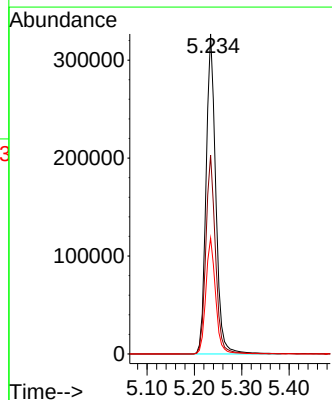
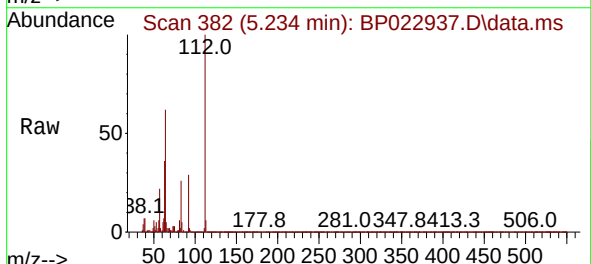
Instrument :
BNA_P
ClientSampleId :
PB164369BL

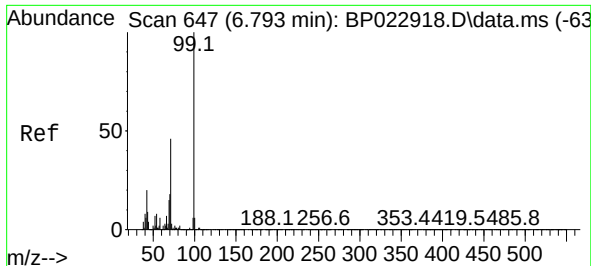
Tgt Ion:152 Resp: 60434
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.4
115 64.0 50.5 75.7



#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

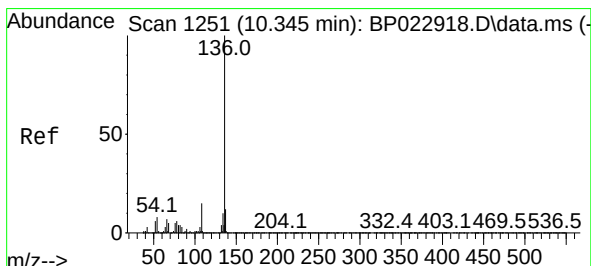
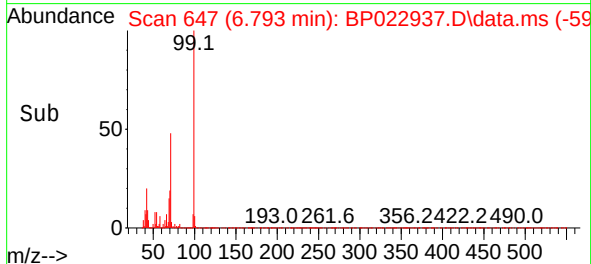
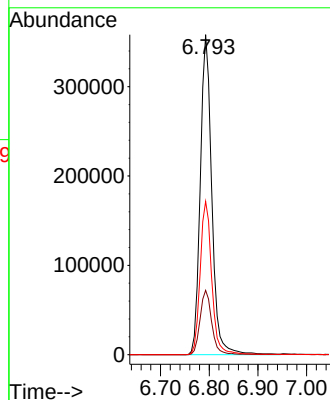
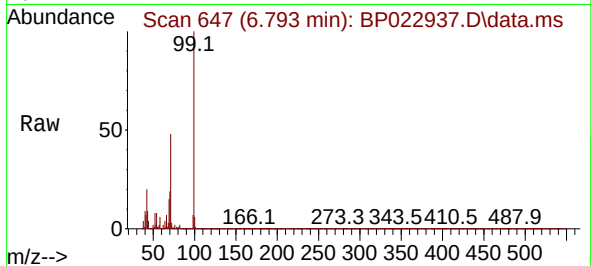




#7
Phenol-d6
Concen: 132.666 ng
RT: 6.793 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

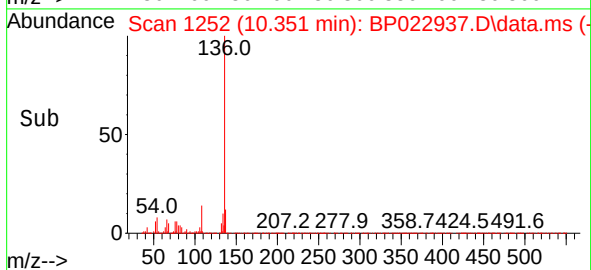
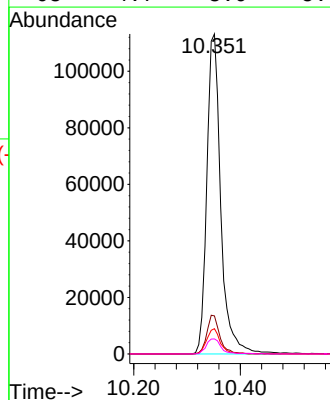
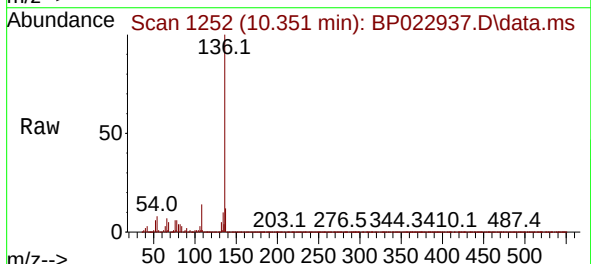
Instrument :
BNA_P
ClientSampleId :
PB164369BL

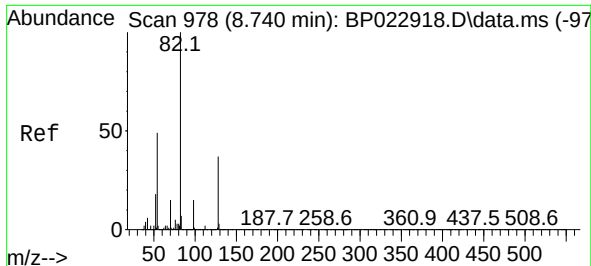
Tgt Ion: 99 Resp: 589166
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 47.9 36.6 55.0



#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

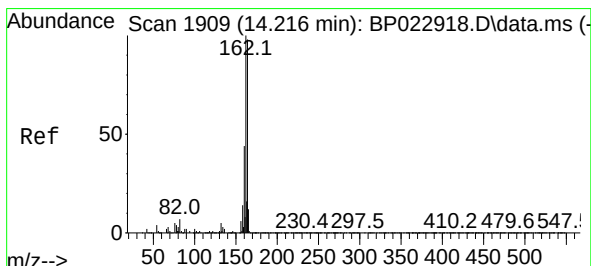
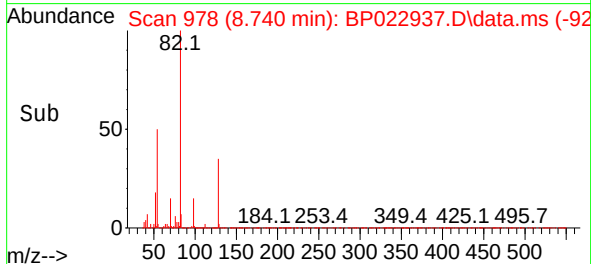
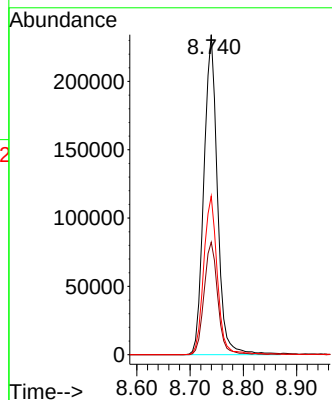
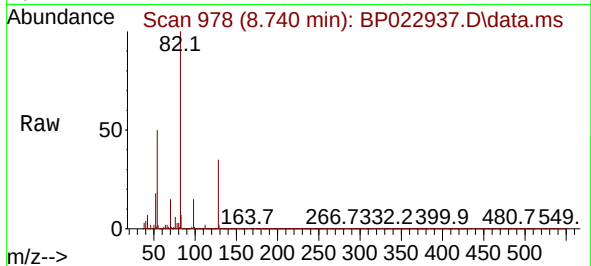




#23
Nitrobenzene-d5
Concen: 95.224 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

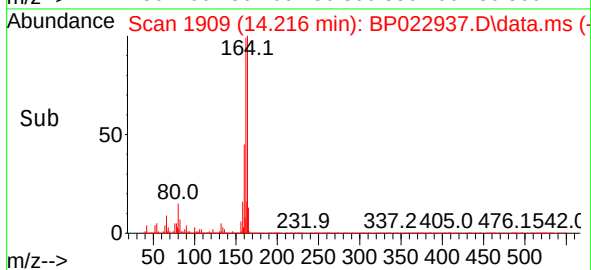
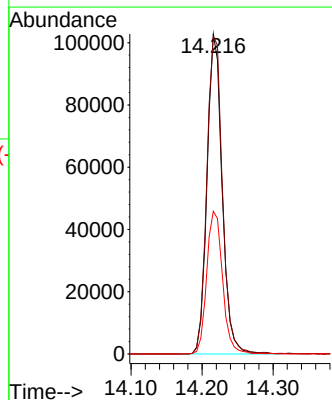
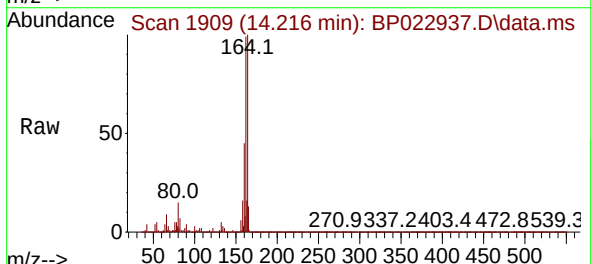
Instrument :
BNA_P
ClientSampleId :
PB164369BL

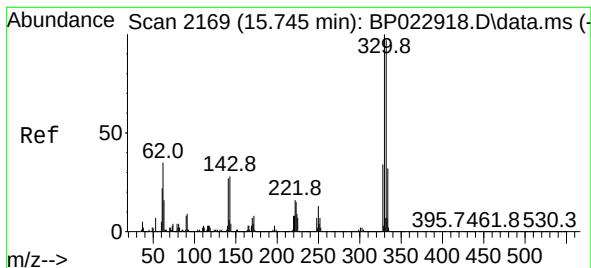
Tgt Ion: 82 Resp: 414084
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.8
54 49.5 39.0 58.4



#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 :

PB164369BL

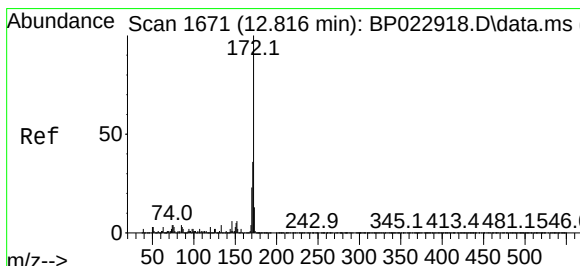
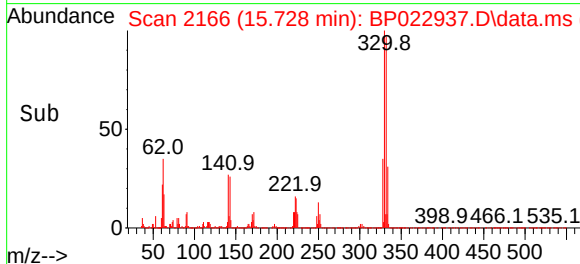
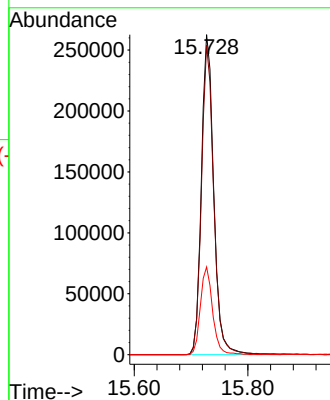
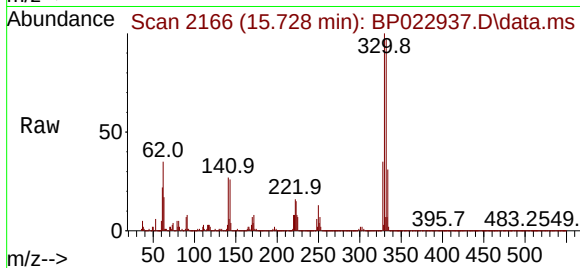
Tgt Ion:330 Resp: 396493

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

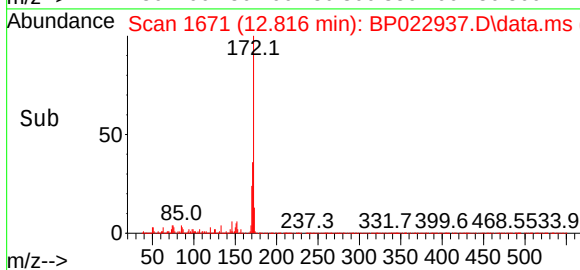
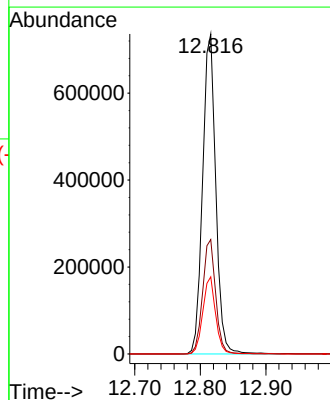
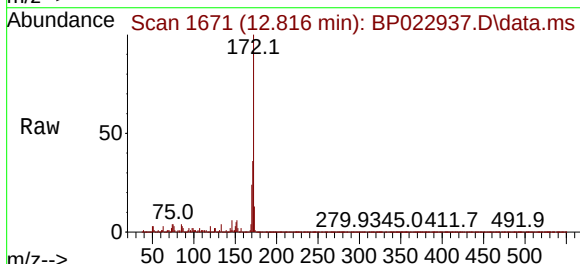
Tgt Ion:172 Resp: 1030942

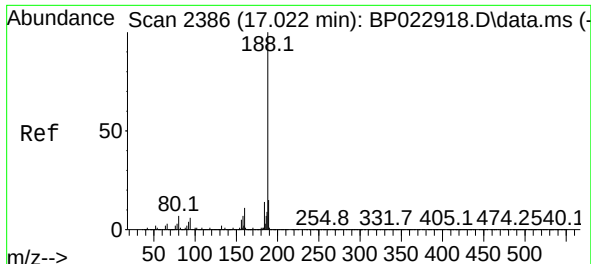
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.1 18.6 27.8

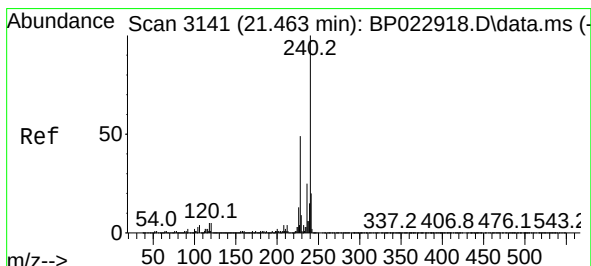
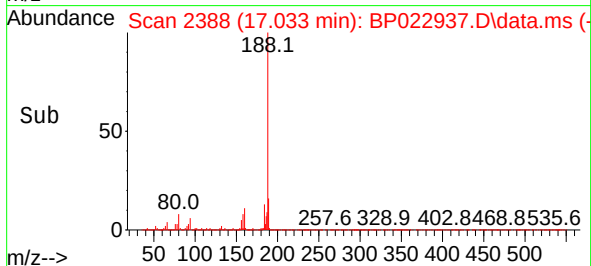
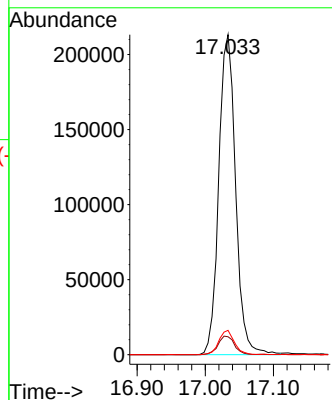
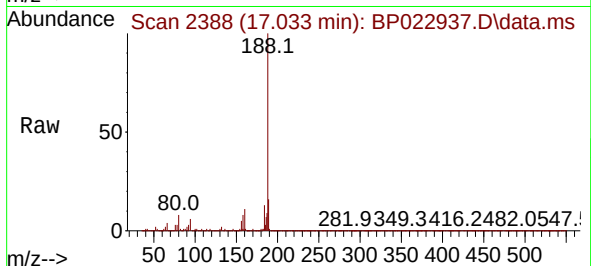




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.033 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP022937.D
Acq: 08 Nov 2024 16:51

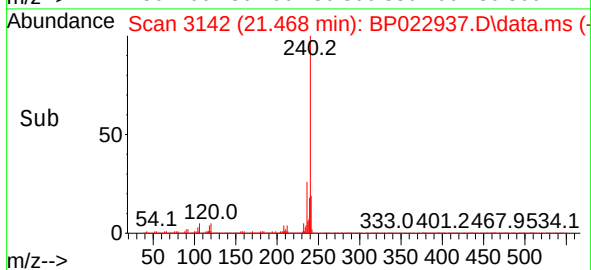
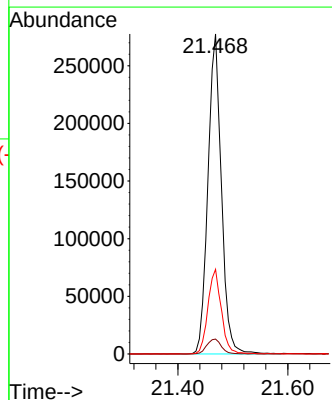
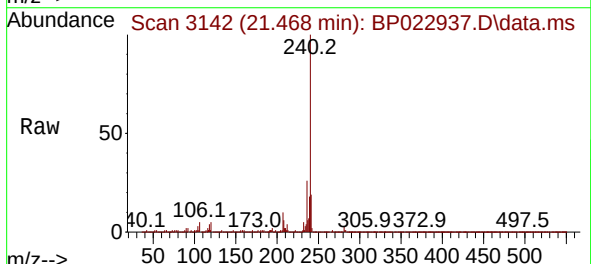
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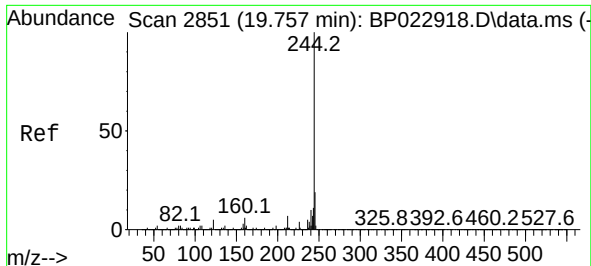
Tgt Ion:188 Resp: 366674
Ion Ratio Lower Upper
188 100
94 5.6 4.8 7.2
80 7.6 5.9 8.9



#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

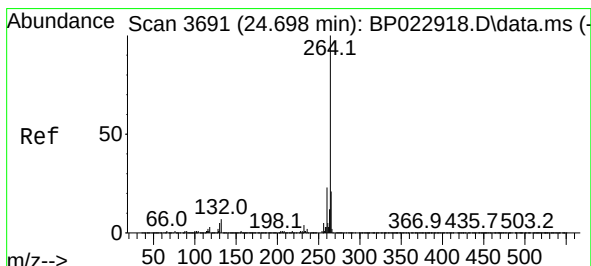
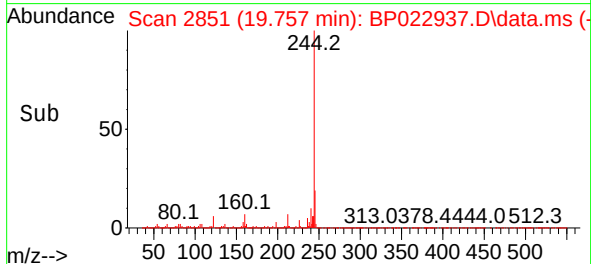
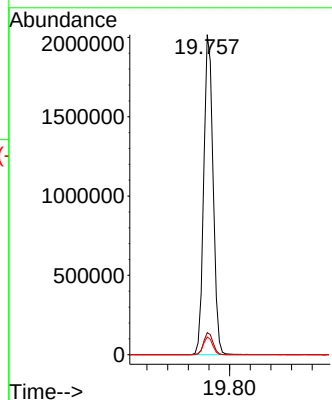
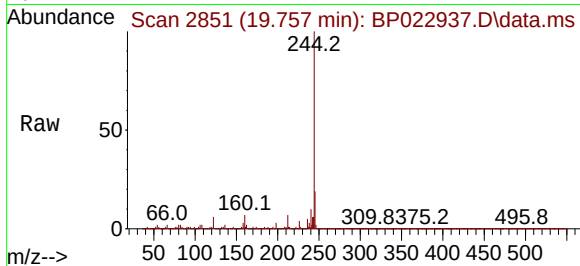




#79
 Terphenyl-d14
 Concen: 100.442 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP022937.D
 Acq: 08 Nov 2024 16:51

Instrument :
 BNA_P
 ClientSampleId :
 PB164369BL

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

