

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
 Data File : BP022923.D
 Acq On : 07 Nov 2024 18:15
 Operator : RC/JU
 Sample : PB164711BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB164711BL

Quant Time: Nov 08 00:03:14 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	7.593	152	59975	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	207655	20.000	ng	0.00
39) Acenaphthene-d10	14.222	164	160890	20.000	ng	0.00
64) Phenanthrene-d10	17.028	188	390642	20.000	ng	0.00
76) Chrysene-d12	21.457	240	463436	20.000	ng	0.00
86) Perylene-d12	24.668	264	541811	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	539258	170.636	ng	0.00
7) Phenol-d6	6.793	99	688378	156.192	ng	0.00
23) Nitrobenzene-d5	8.734	82	481123	109.461	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	538427	172.653	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	1247140	110.758	ng	0.00
79) Terphenyl-d14	19.757	244	2911137	117.970	ng	0.00

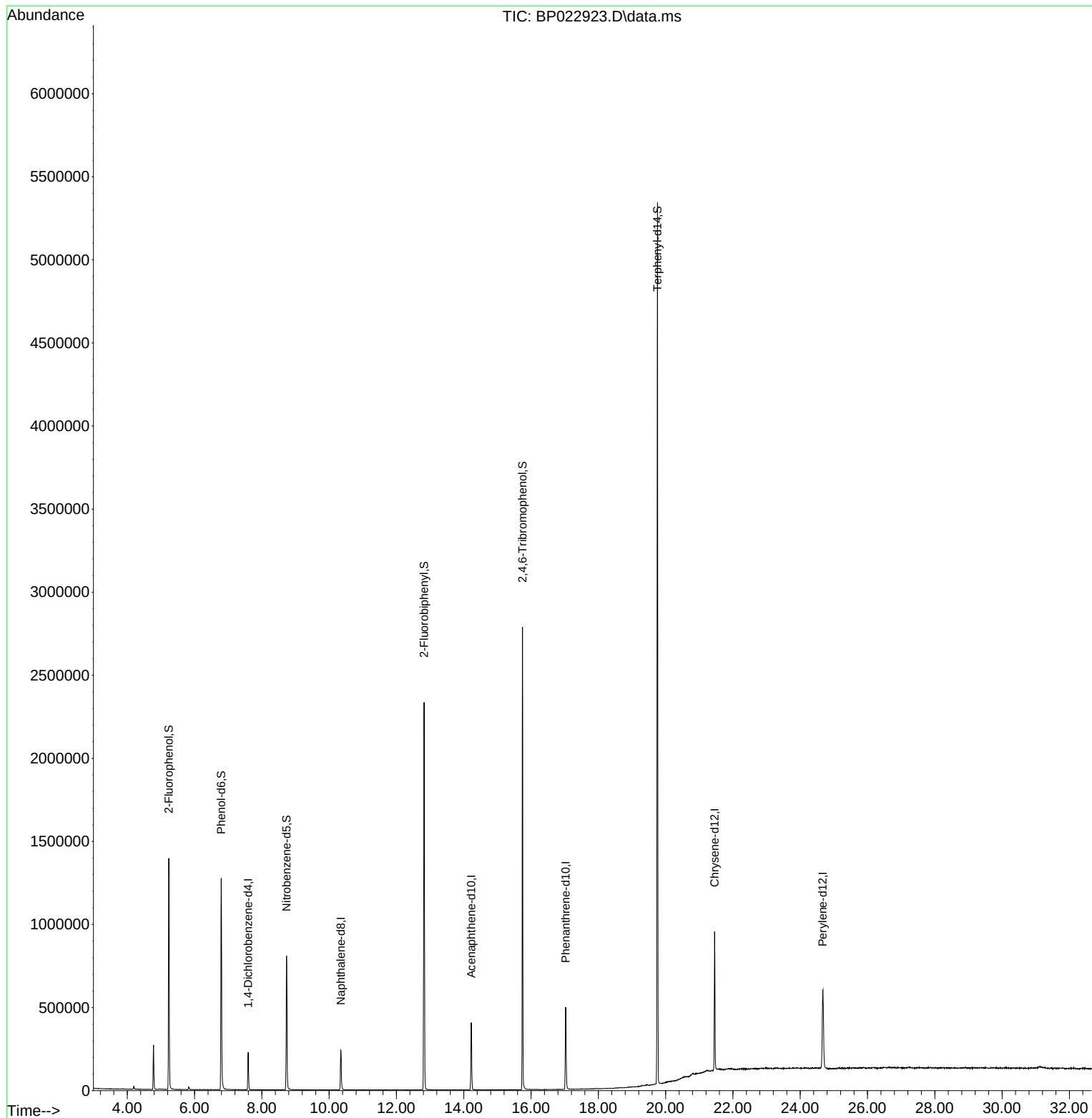
Target Compounds	Qvalue

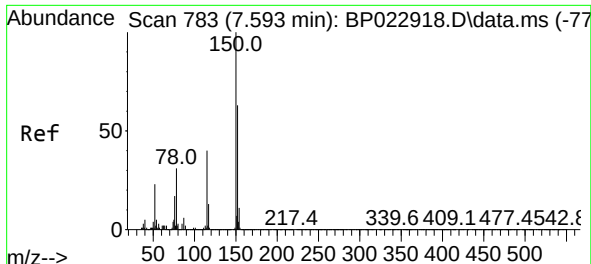
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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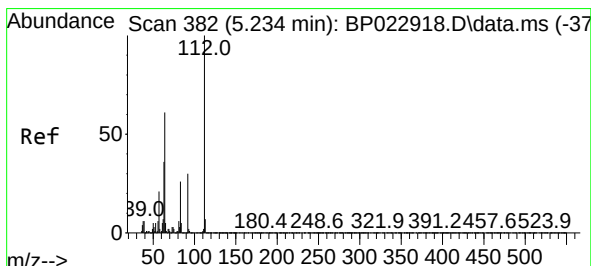
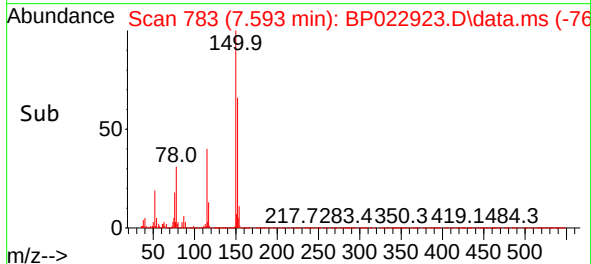
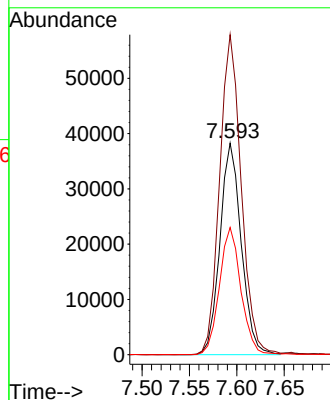
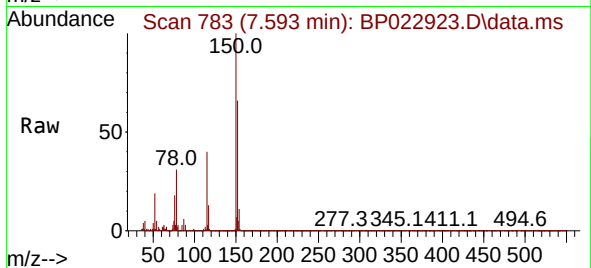




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.593 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

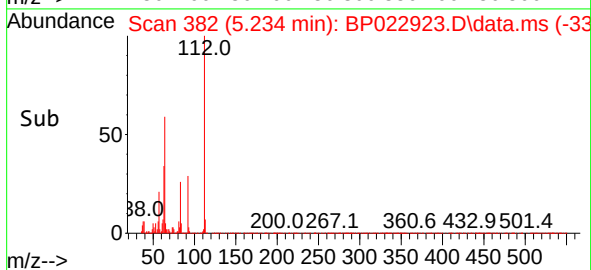
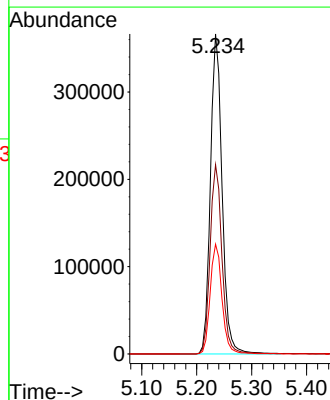
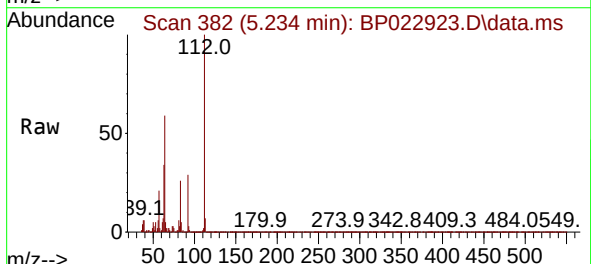
Instrument :
BNA_P
ClientSampleId :
PB164711BL

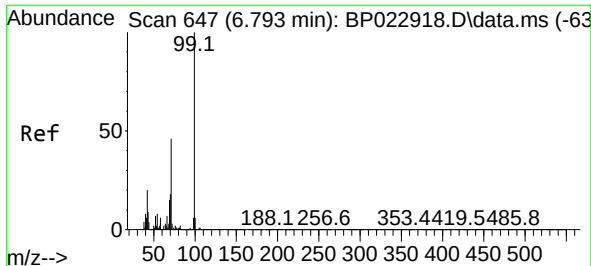
Tgt Ion:152 Resp: 59975
Ion Ratio Lower Upper
152 100
150 151.3 127.0 190.4
115 60.1 50.5 75.7



#5
2-Fluorophenol
Concen: 170.636 ng
RT: 5.234 min Scan# 382
Delta R.T. 0.000 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

Tgt Ion:112 Resp: 539258
Ion Ratio Lower Upper
112 100
64 59.1 48.7 73.1
63 34.3 29.0 43.4

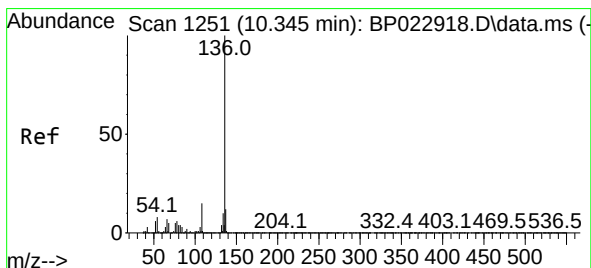
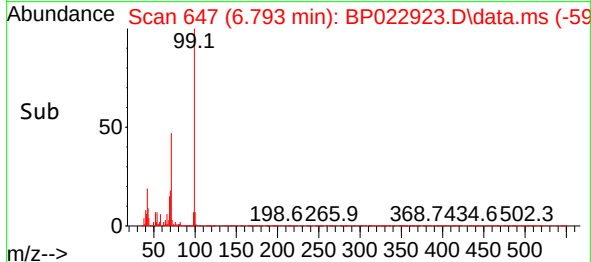
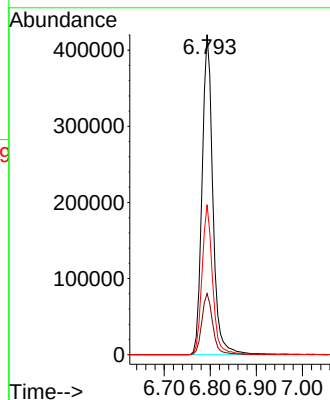
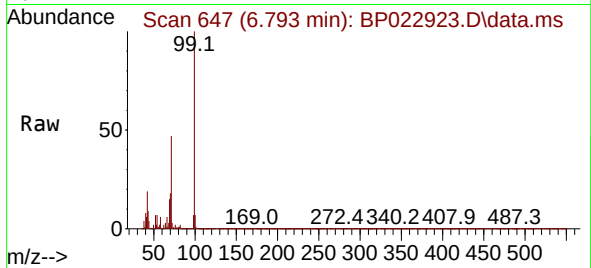




#7
Phenol-d6
Concen: 156.192 ng
RT: 6.793 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

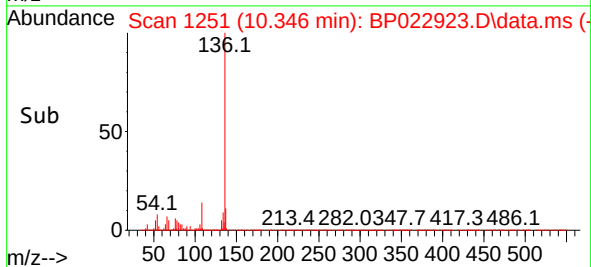
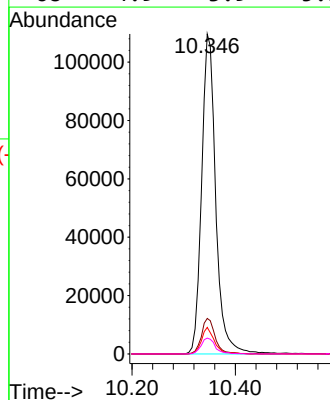
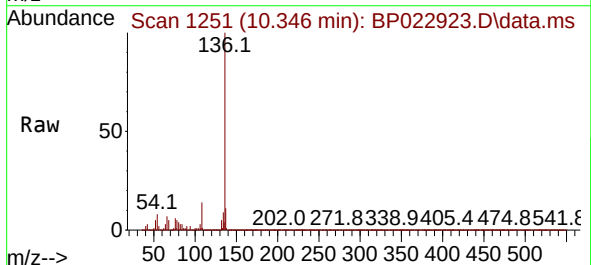
Instrument :
BNA_P
ClientSampleId :
PB164711BL

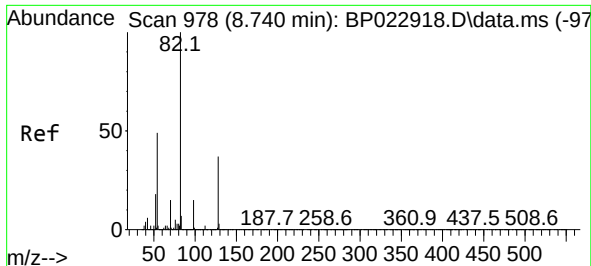
Tgt Ion: 99 Resp: 688378
Ion Ratio Lower Upper
99 100
42 19.1 15.8 23.6
71 46.9 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.346 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

Tgt Ion:136 Resp: 207655
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 8.3 6.4 9.6
68 4.9 3.9 5.9

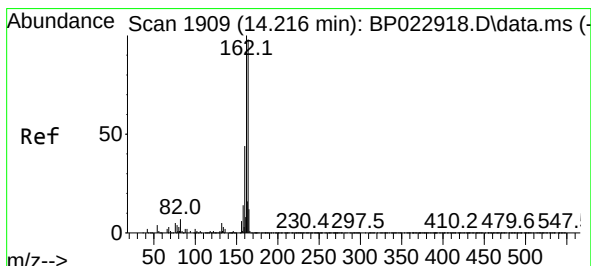
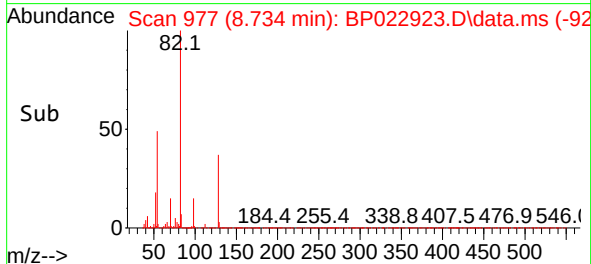
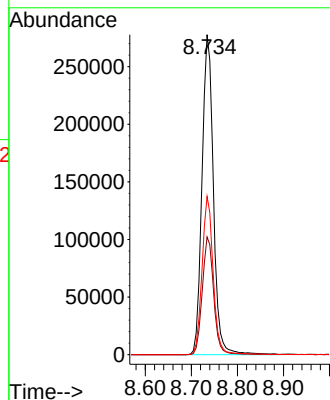
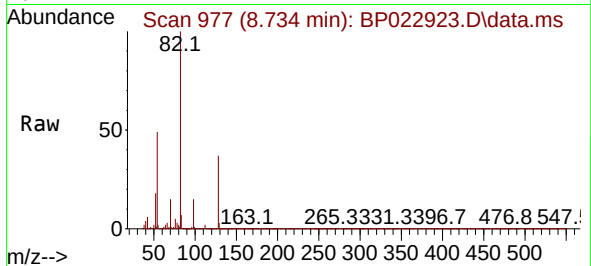




#23
Nitrobenzene-d5
Concen: 109.461 ng
RT: 8.734 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

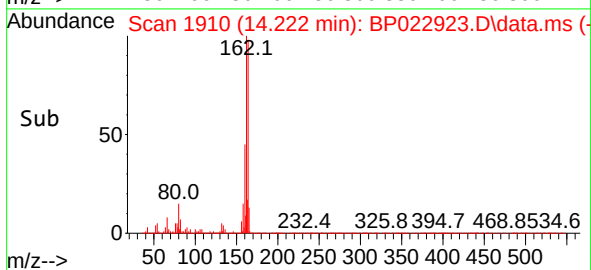
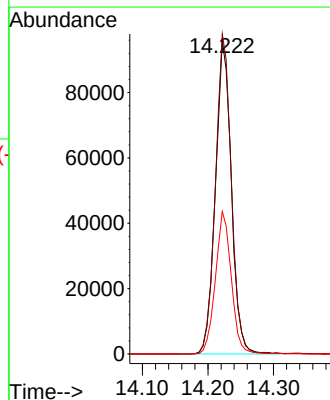
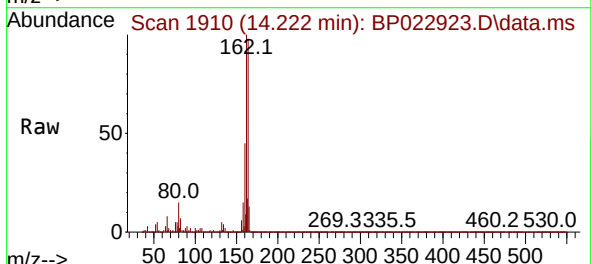
Instrument :
BNA_P
ClientSampleId :
PB164711BL

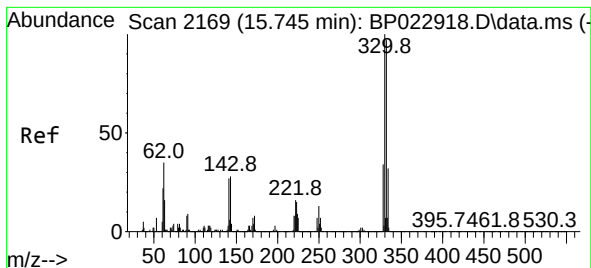
Tgt Ion: 82 Resp: 481123
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.8
54 49.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP022923.D
Acq: 07 Nov 2024 18:15

Tgt Ion: 164 Resp: 160890
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 172.653 ng

RT: 15.745 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BP022923.D

Acq: 07 Nov 2024 18:15

Instrument :

BNA_P

ClientSampleId :

PB164711BL

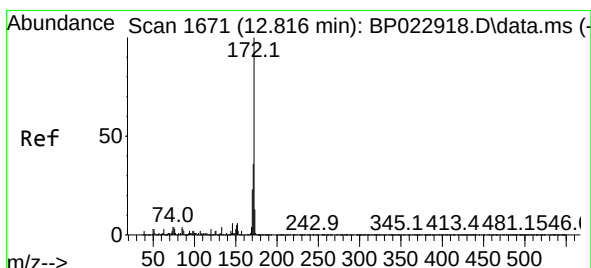
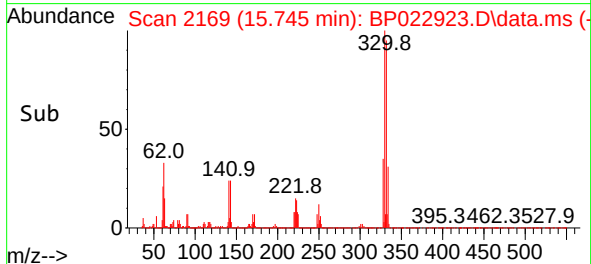
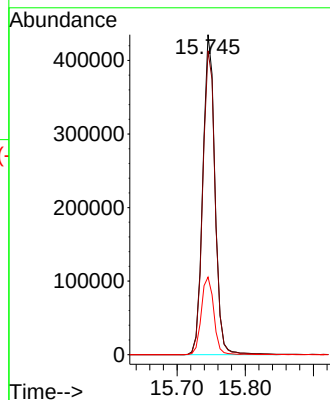
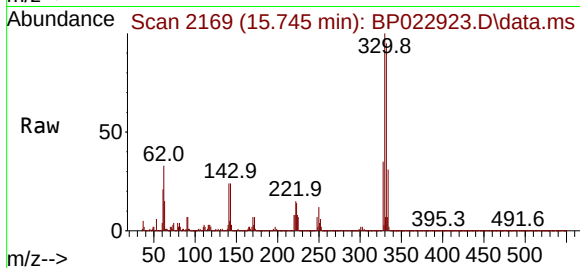
Tgt Ion:330 Resp: 538427

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 25.1 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 110.758 ng

RT: 12.822 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BP022923.D

Acq: 07 Nov 2024 18:15

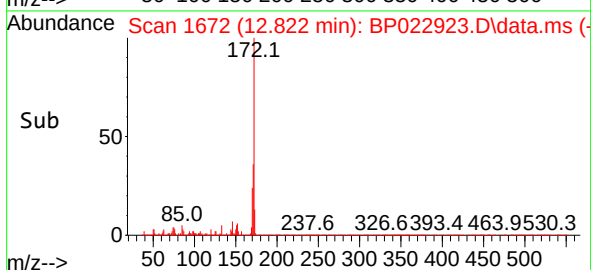
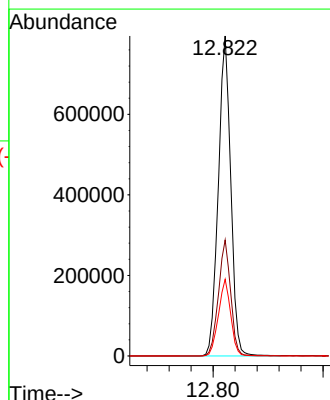
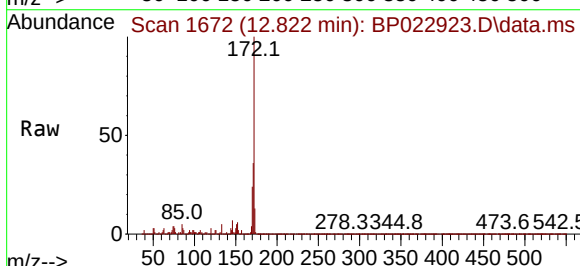
Tgt Ion:172 Resp: 1247140

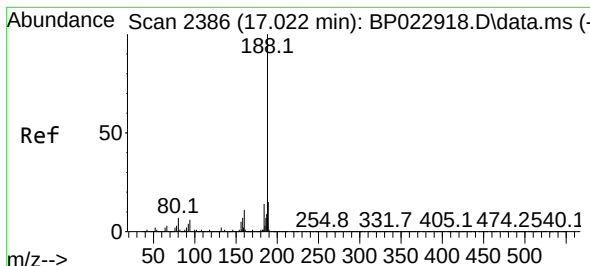
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.028 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022923.D

Acq: 07 Nov 2024 18:15

Instrument :

BNA_P

ClientSampleId :

PB164711BL

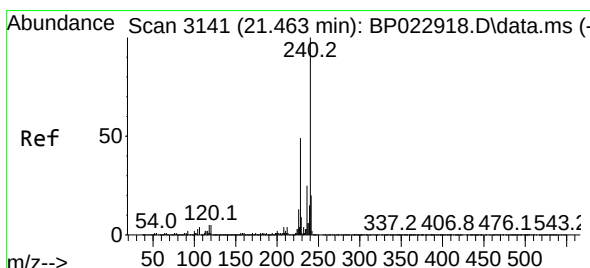
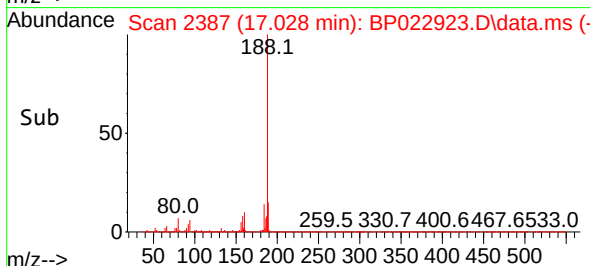
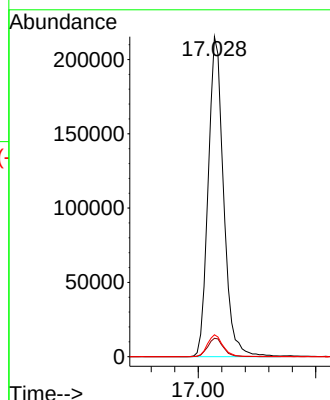
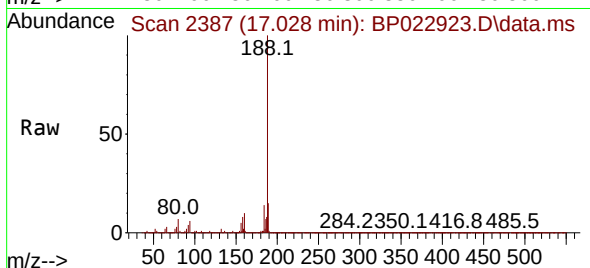
Tgt Ion:188 Resp: 390642

Ion Ratio Lower Upper

188 100

94 5.7 4.8 7.2

80 6.8 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP022923.D

Acq: 07 Nov 2024 18:15

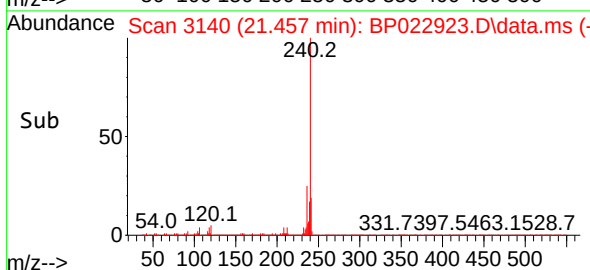
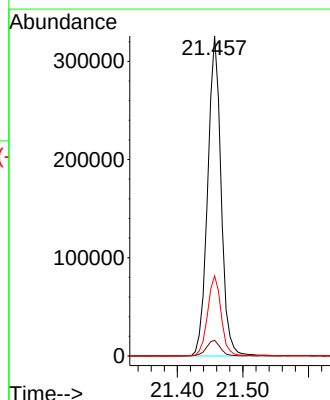
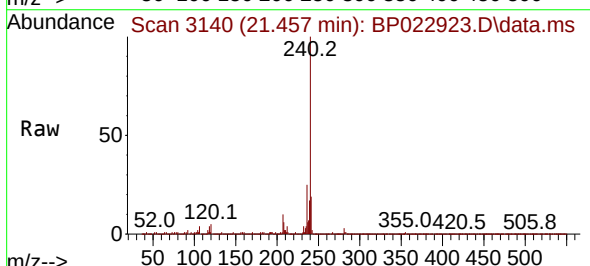
Tgt Ion:240 Resp: 463436

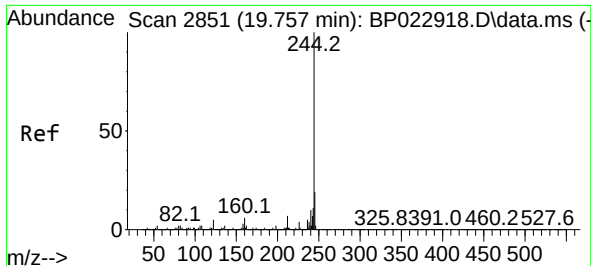
Ion Ratio Lower Upper

240 100

120 4.9 4.2 6.2

236 25.1 20.4 30.6

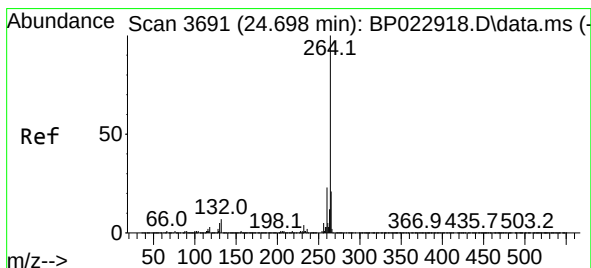
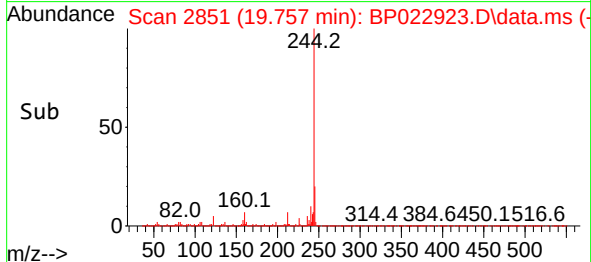
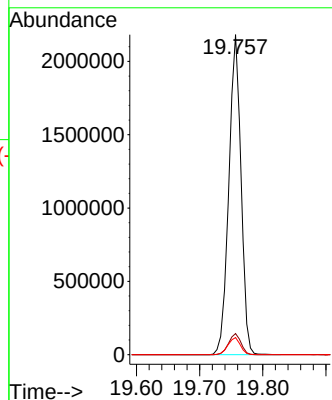
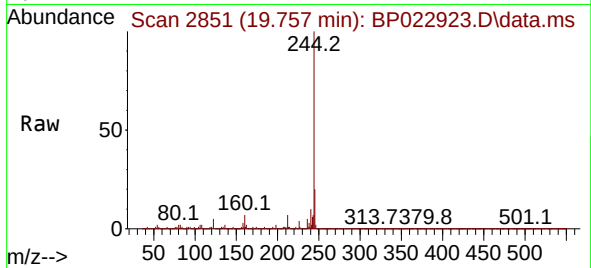




#79
 Terphenyl-d14
 Concen: 117.970 ng
 RT: 19.757 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP022923.D
 Acq: 07 Nov 2024 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB164711BL

Tgt Ion:244 Resp: 2911137
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.668 min Scan# 3686
 Delta R.T. -0.029 min
 Lab File: BP022923.D
 Acq: 07 Nov 2024 18:15

Tgt Ion:264 Resp: 541811
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.4 26.2

