

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
Data File : BP023008.D
Acq On : 11 Nov 2024 10:53
Operator : RC/JU
Sample : PB164401BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 11 11:20:50 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	78976	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	272503	20.000	ng	-0.01
39) Acenaphthene-d10	14.204	164	203397	20.000	ng	-0.01
64) Phenanthrene-d10	17.022	188	518805	20.000	ng	0.00
76) Chrysene-d12	21.451	240	606991	20.000	ng	-0.01
86) Perylene-d12	24.680	264	661341	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	597067	143.474	ng	0.00
7) Phenol-d6	6.787	99	764606	131.748	ng	0.00
23) Nitrobenzene-d5	8.728	82	525685	91.138	ng	-0.01
42) 2,4,6-Tribromophenol	15.734	330	523487	132.781	ng	-0.01
45) 2-Fluorobiphenyl	12.798	172	1334884	93.775	ng	-0.02
79) Terphenyl-d14	19.745	244	3236238	100.129	ng	-0.01

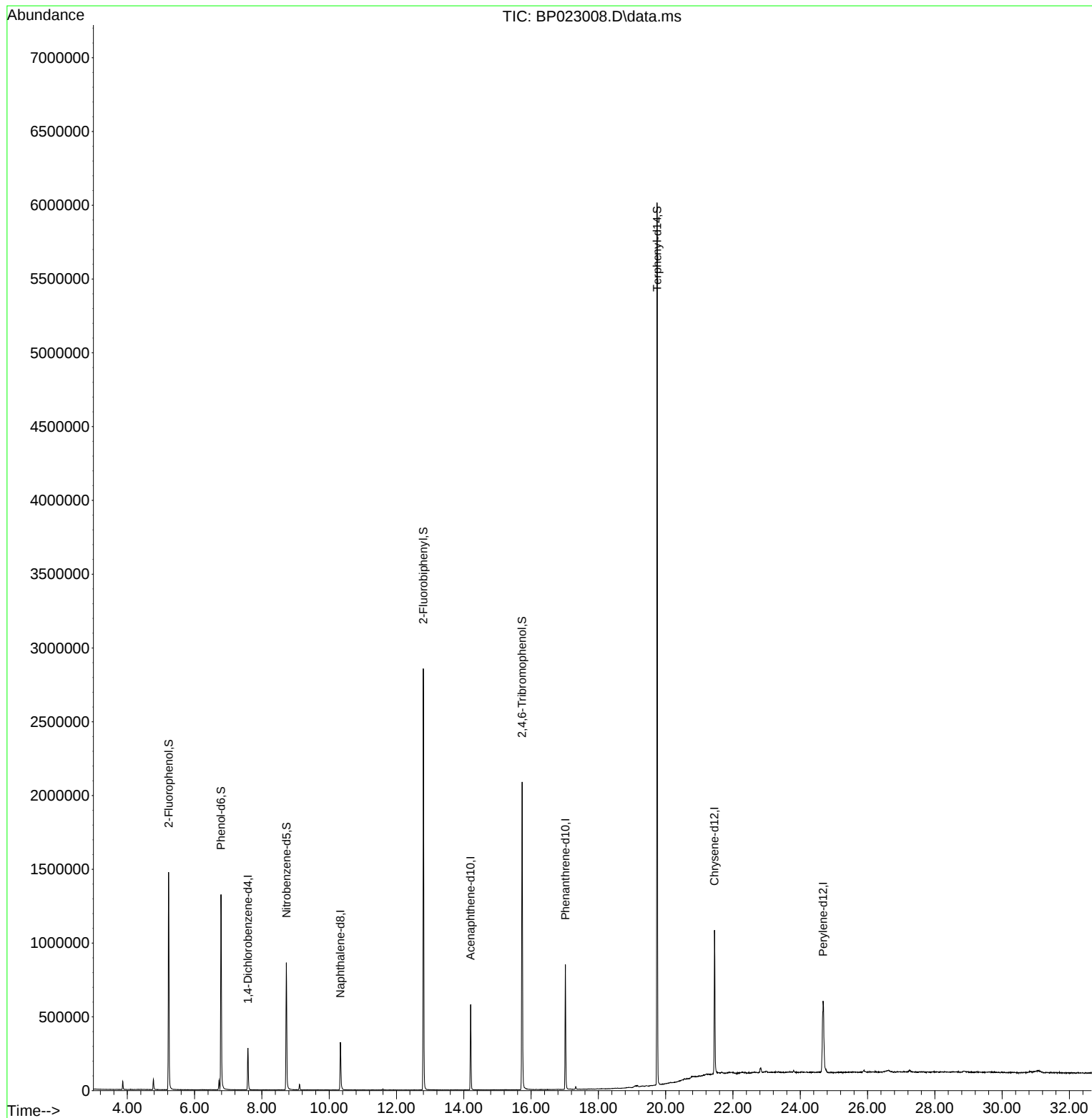
Target Compounds	Qvalue

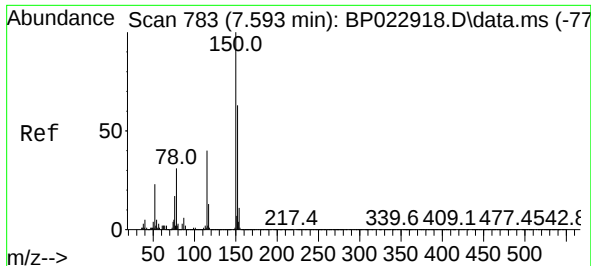
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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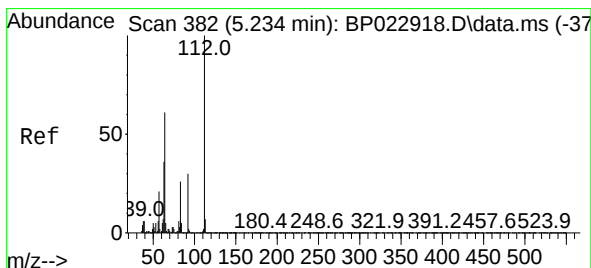
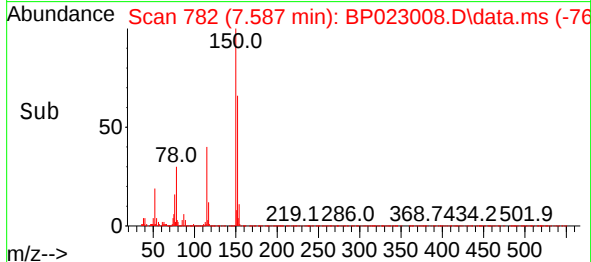
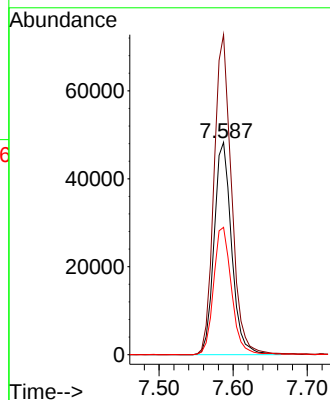
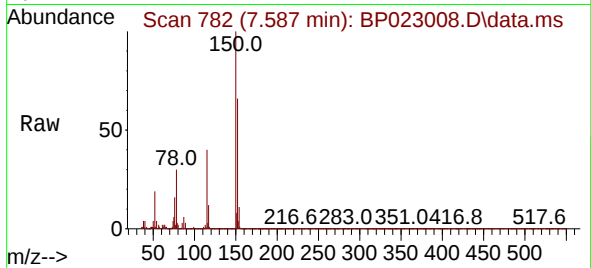




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

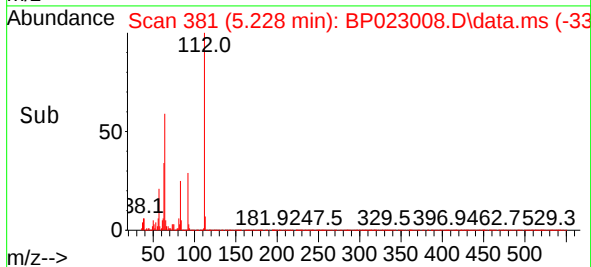
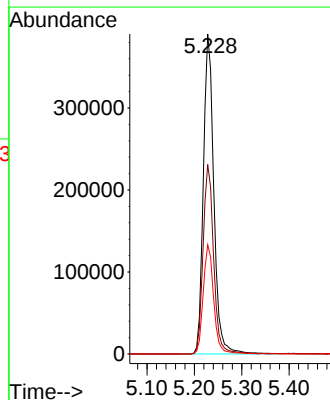
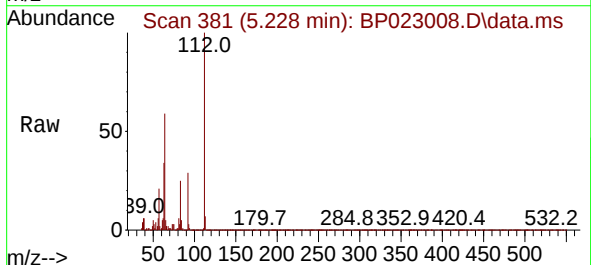
Instrument :
BNA_P
ClientSampleId :

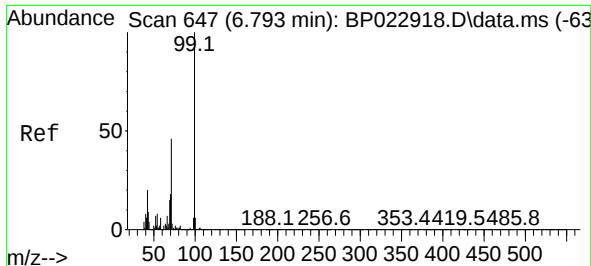
Tgt Ion:152 Resp: 78976
Ion Ratio Lower Upper
152 100
150 150.8 127.0 190.4
115 60.0 50.5 75.7



#5
2-Fluorophenol
Concen: 143.474 ng
RT: 5.228 min Scan# 381
Delta R.T. -0.006 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

Tgt Ion:112 Resp: 597067
Ion Ratio Lower Upper
112 100
64 59.2 48.7 73.1
63 34.1 29.0 43.4

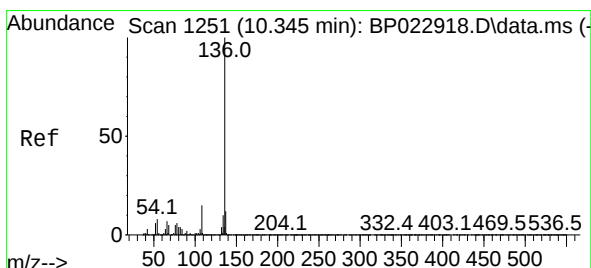
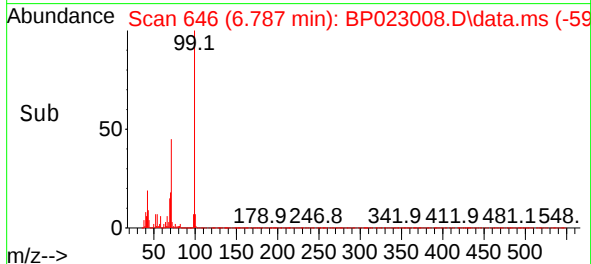
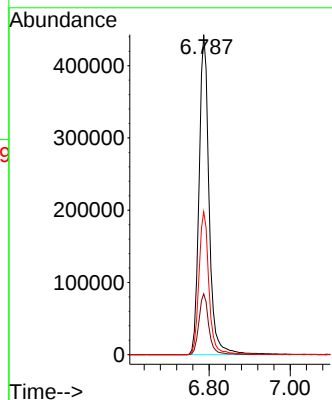
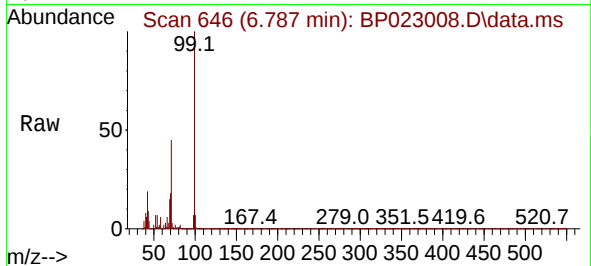




#7
Phenol-d6
Concen: 131.748 ng
RT: 6.787 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

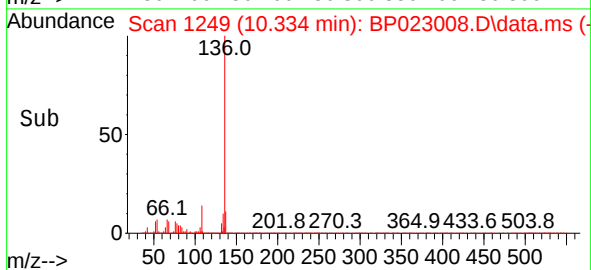
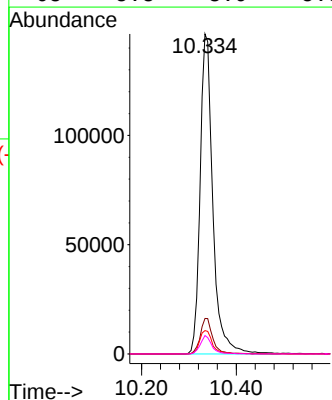
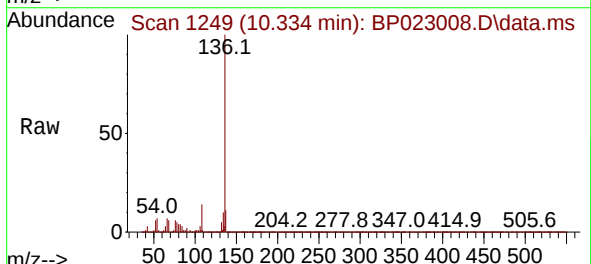
Instrument :
BNA_P
ClientSampleId :

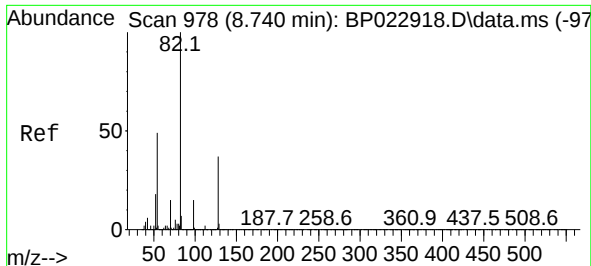
Tgt Ion: 99 Resp: 764606
Ion Ratio Lower Upper
99 100
42 19.0 15.8 23.6
71 44.7 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

Tgt Ion: 136 Resp: 272503
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 7.3 6.4 9.6
68 5.8 3.9 5.9





#23

Nitrobenzene-d5

Concen: 91.138 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.012 min

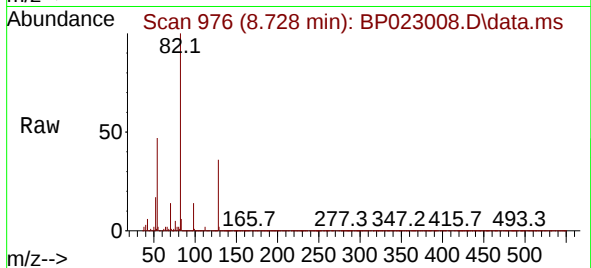
Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

Instrument :

BNA_P

ClientSampleId :



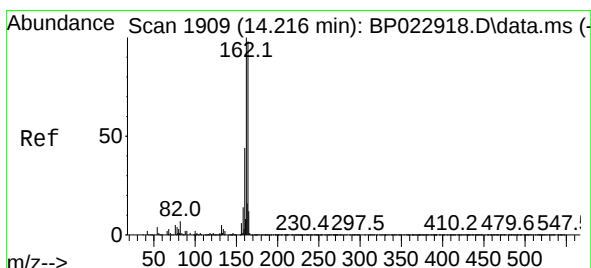
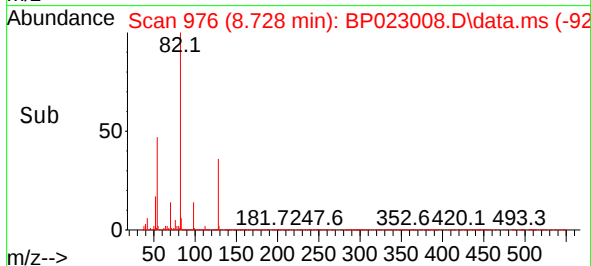
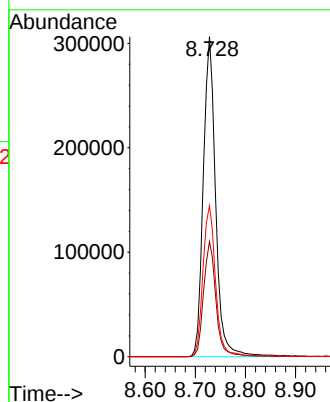
Tgt Ion: 82 Resp: 525685

Ion Ratio Lower Upper

82 100

128 36.0 29.8 44.8

54 47.2 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.204 min Scan# 1907

Delta R.T. -0.012 min

Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

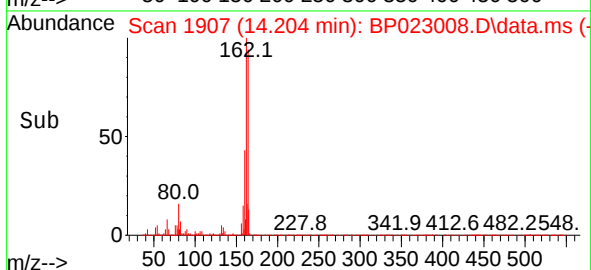
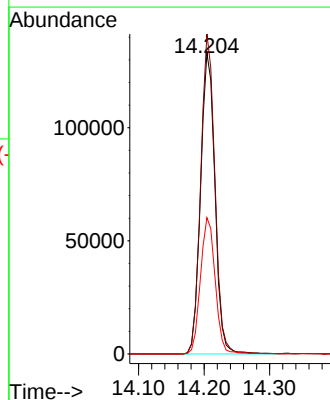
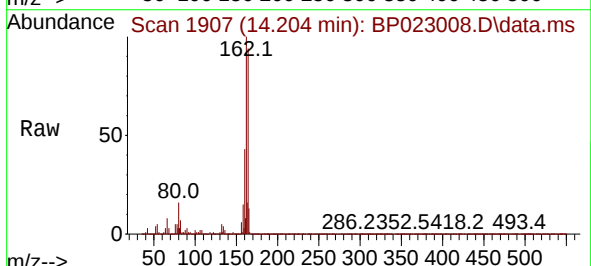
Tgt Ion: 164 Resp: 203397

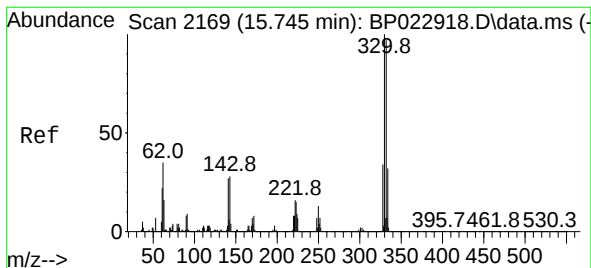
Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 132.781 ng

RT: 15.734 min Scan# 2169

Delta R.T. -0.012 min

Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

Instrument :

BNA_P

ClientSampleId :

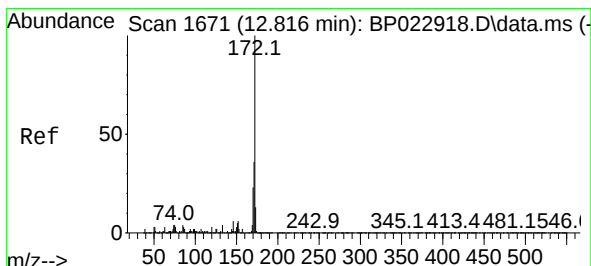
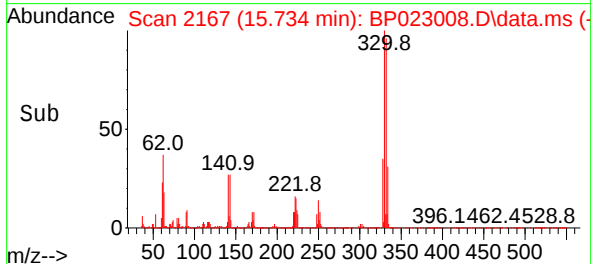
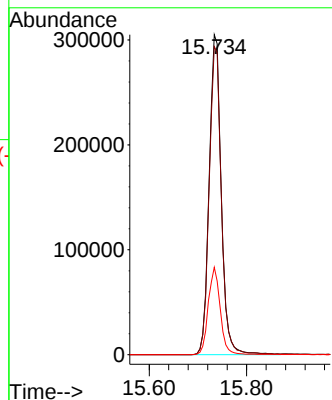
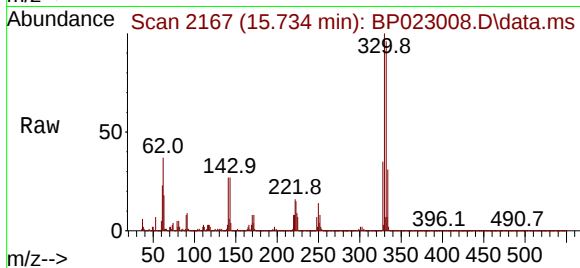
Tgt Ion:330 Resp: 523487

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 27.0 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 93.775 ng

RT: 12.798 min Scan# 1668

Delta R.T. -0.018 min

Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

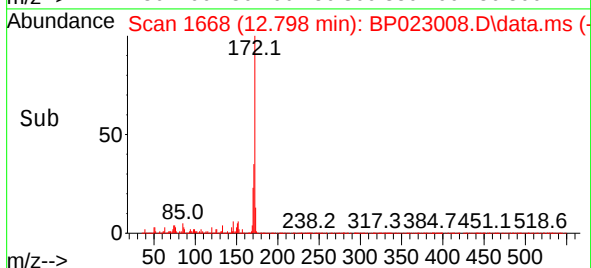
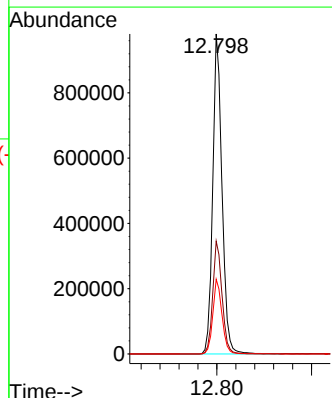
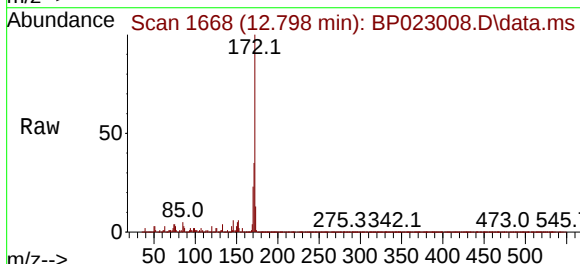
Tgt Ion:172 Resp: 1334884

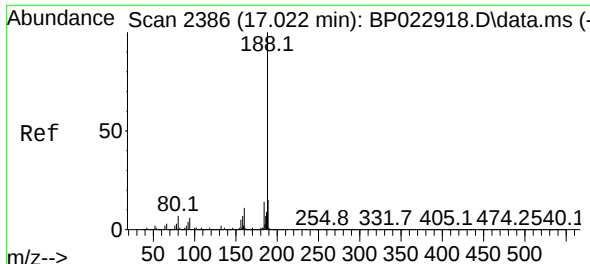
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.3 18.6 27.8

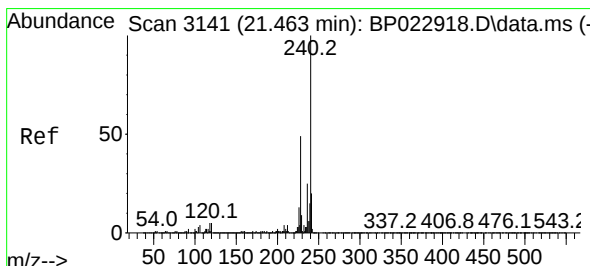
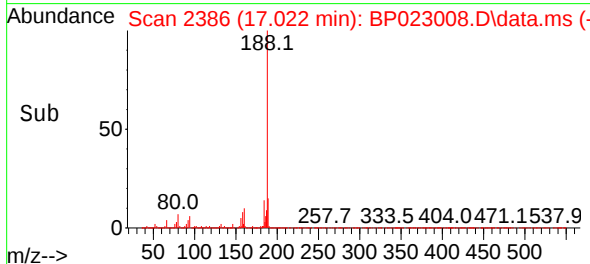
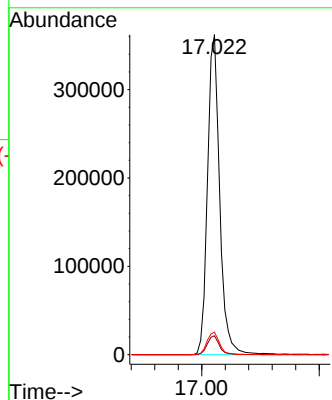
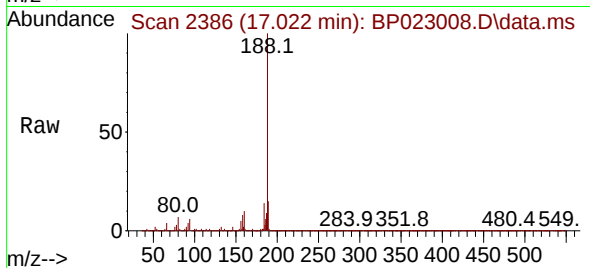




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.022 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

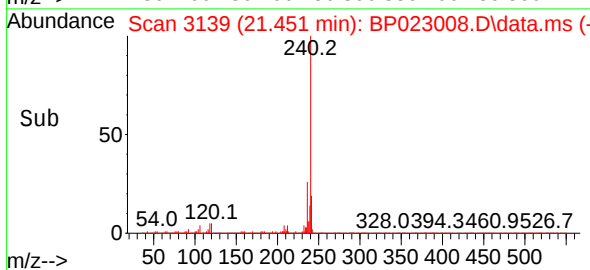
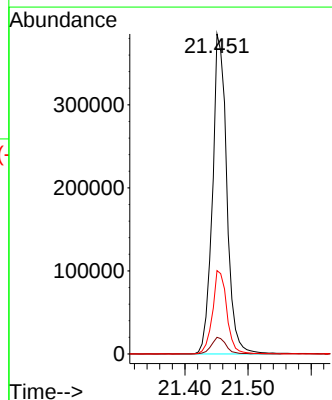
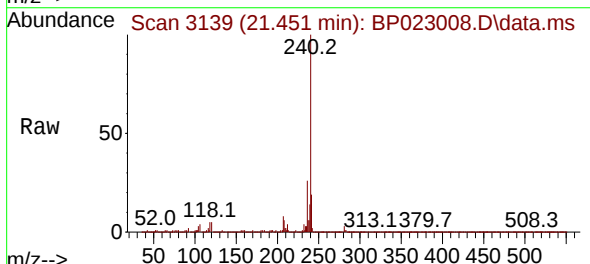
Instrument :
BNA_P
ClientSampleId :

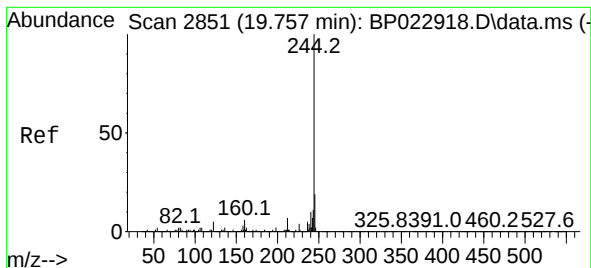
Tgt Ion:188 Resp: 518805
Ion Ratio Lower Upper
188 100
94 5.9 4.8 7.2
80 7.0 5.9 8.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BP023008.D
Acq: 11 Nov 2024 10:53

Tgt Ion:240 Resp: 606991
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 100.129 ng

RT: 19.745 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

Instrument :

BNA_P

ClientSampleId :

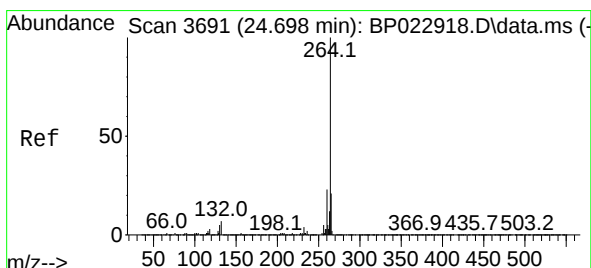
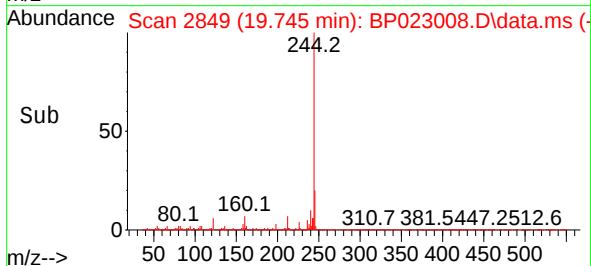
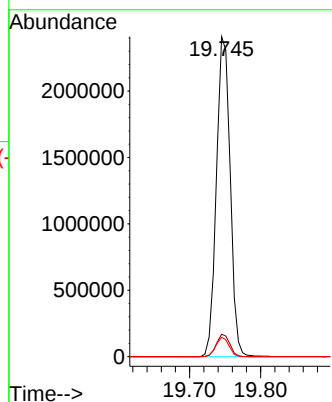
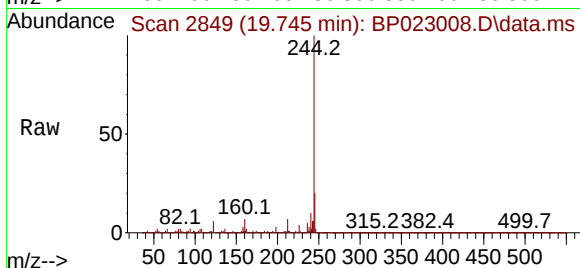
Tgt Ion:244 Resp: 3236238

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 6.1 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.680 min Scan# 3688

Delta R.T. -0.018 min

Lab File: BP023008.D

Acq: 11 Nov 2024 10:53

Tgt Ion:264 Resp: 661341

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 17.4 26.2

