

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008989.D
 Acq On : 01 Feb 2022 16:30
 Operator : CG/JU
 Sample : N1335-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-4S

Quant Time: Feb 01 17:25:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

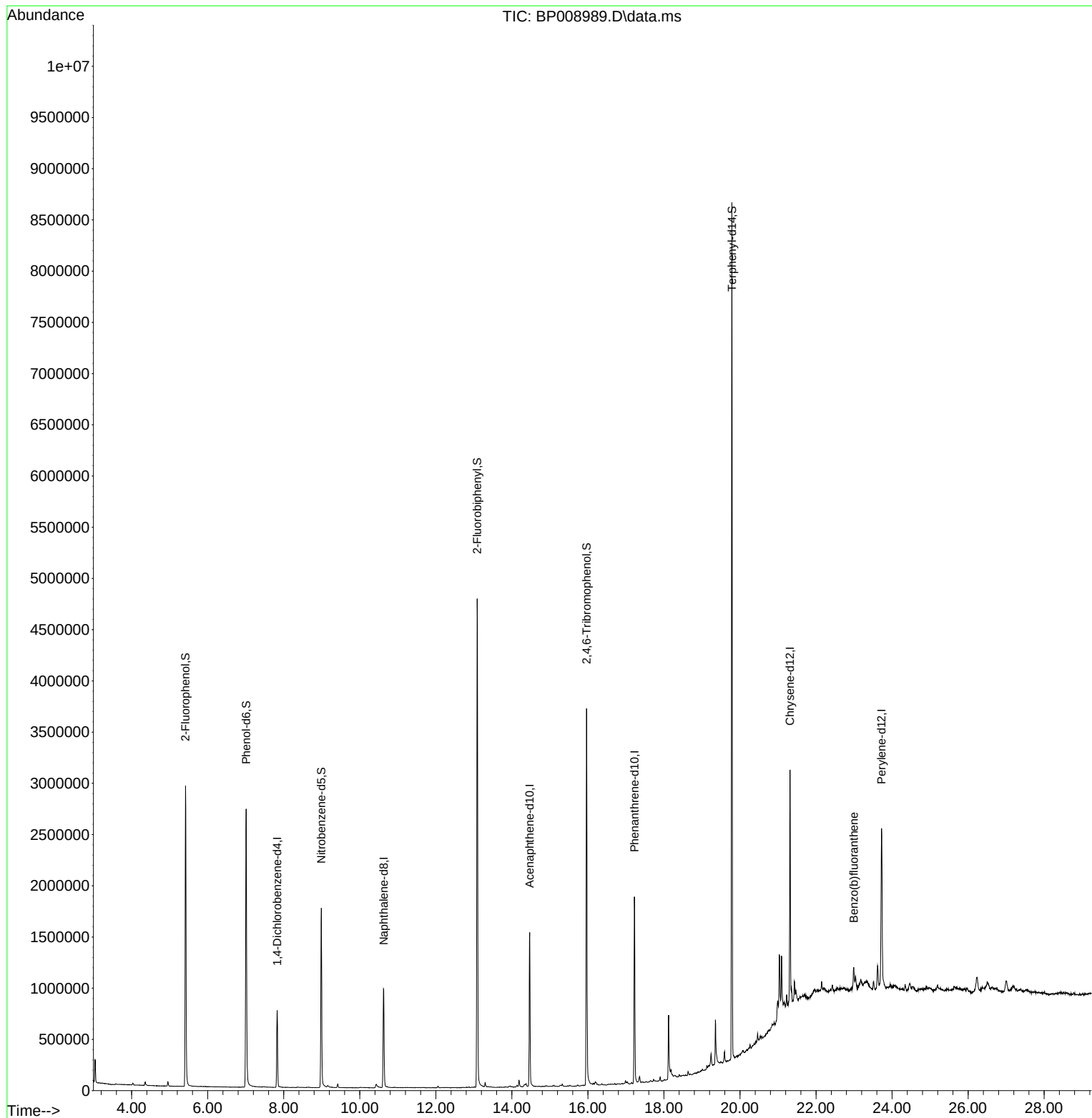
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	234501	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	910441	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	585030	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1191407	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1103580	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1210983	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1474080	97.208	ng	0.00
7) Phenol-d6	7.011	99	1812856	98.724	ng	0.00
23) Nitrobenzene-d5	8.987	82	1119516	69.811	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	835083	98.064	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2834931	63.903	ng	-0.01
79) Terphenyl-d14	19.786	244	4034111	61.702	ng	-0.01
Target Compounds						
88) Benzo(b)fluoranthene	22.992	252	182823	2.261	ng	Qvalue # 94

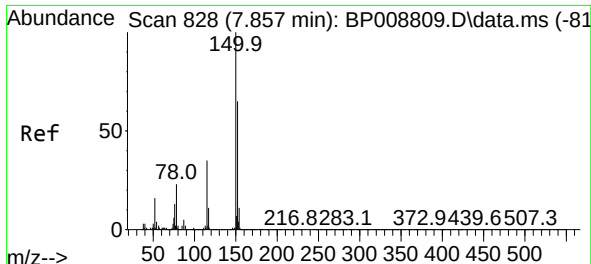
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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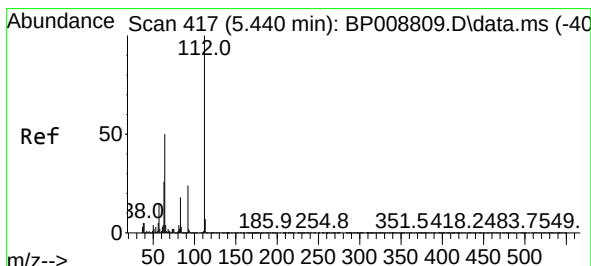
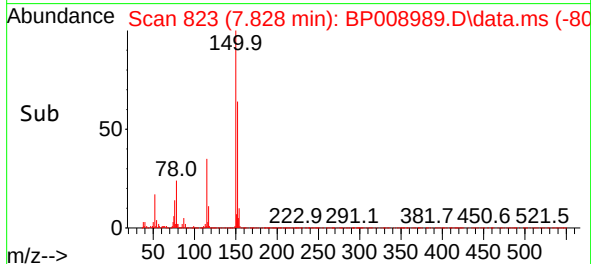
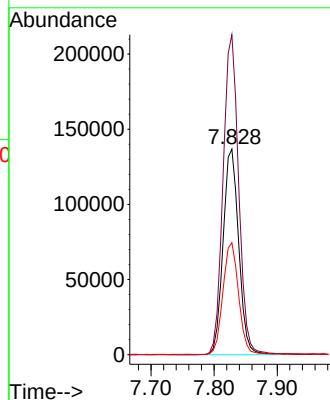
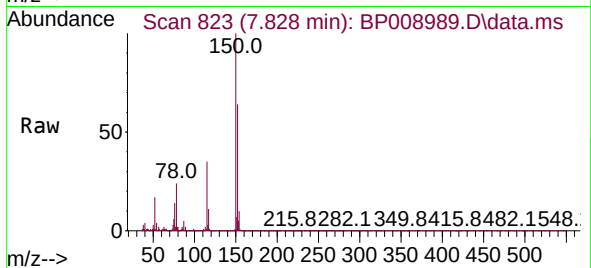




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

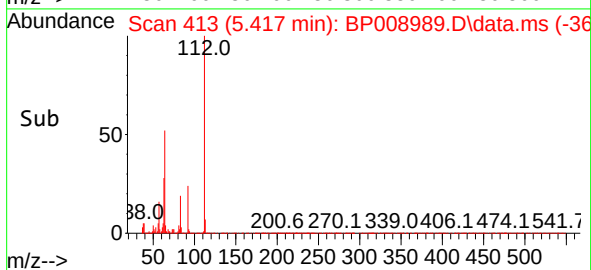
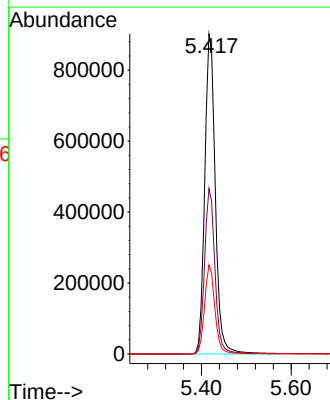
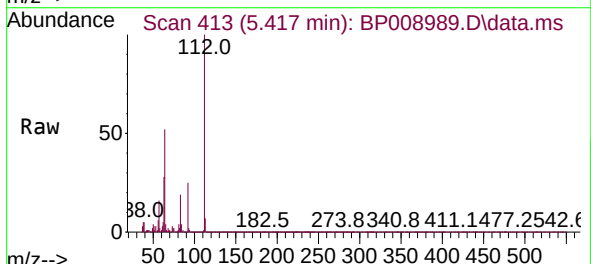
Instrument :
BNA_P
ClientSampleId :
MH-4S

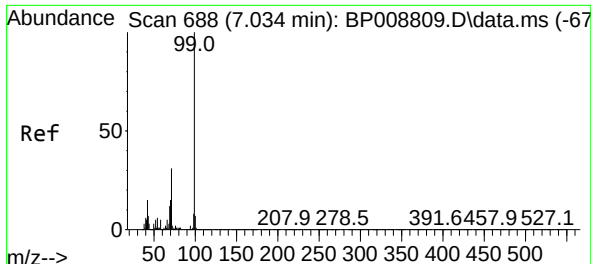
Tgt Ion:152 Resp: 234501
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 54.5 43.7 65.5



#5
2-Fluorophenol
Concen: 97.208 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

Tgt Ion:112 Resp: 1474080
Ion Ratio Lower Upper
112 100
64 51.7 39.7 59.5
63 27.9 20.0 30.0

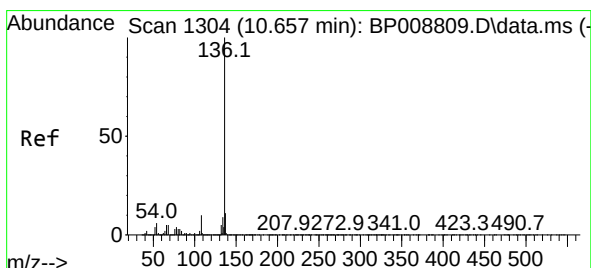
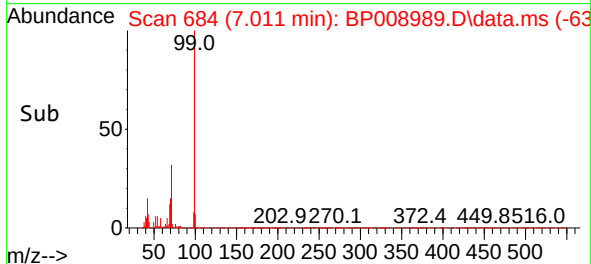
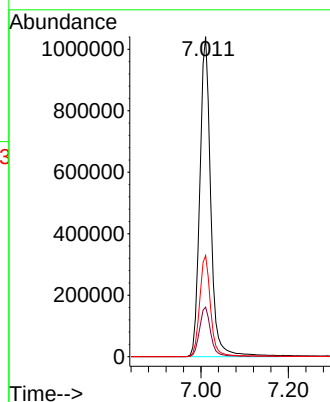
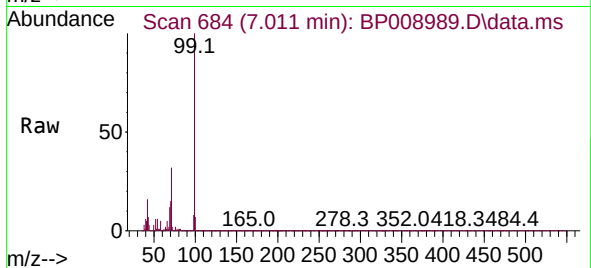




#7
Phenol-d6
Concen: 98.724 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

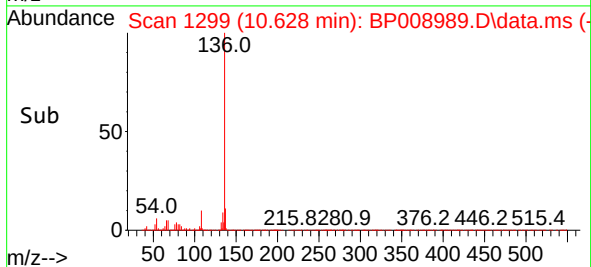
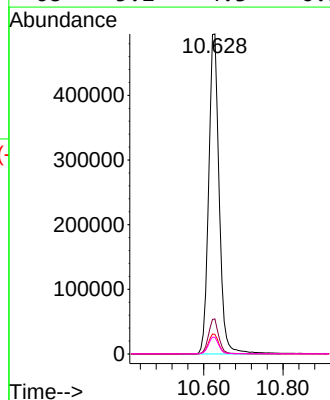
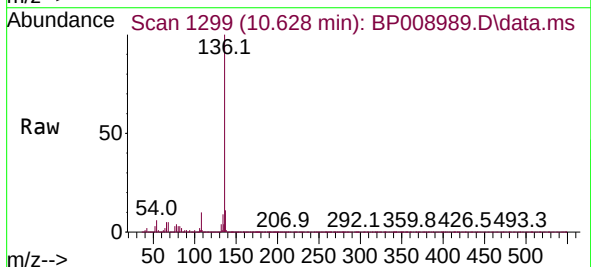
Instrument :
BNA_P
ClientSampleId :
MH-4S

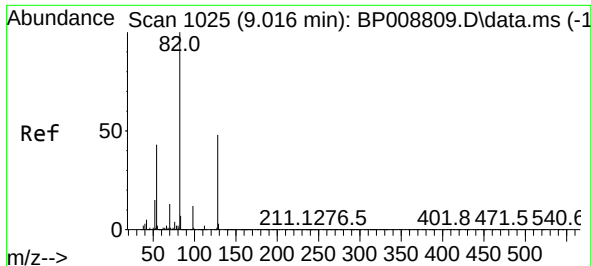
Tgt Ion: 99 Resp: 1812856
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 31.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 136 Resp: 910441
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.1 4.9 7.3
68 5.2 4.3 6.5

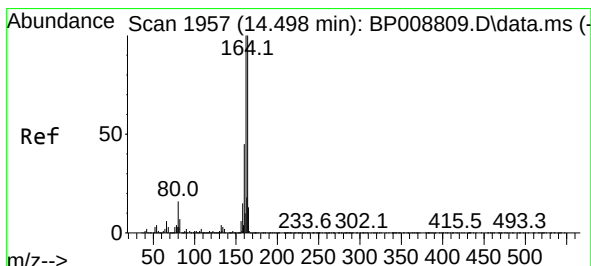
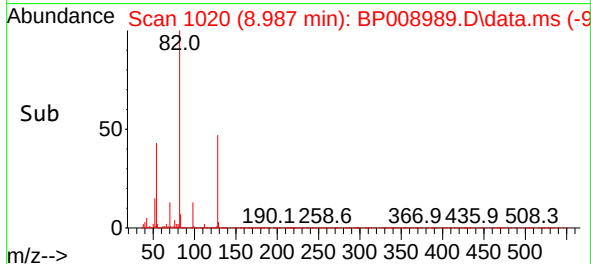
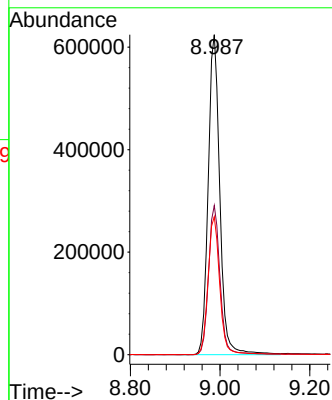
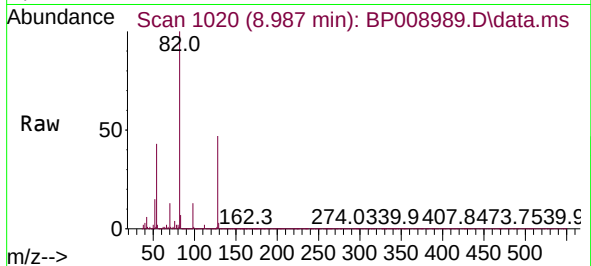




#23
Nitrobenzene-d5
Concen: 69.811 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

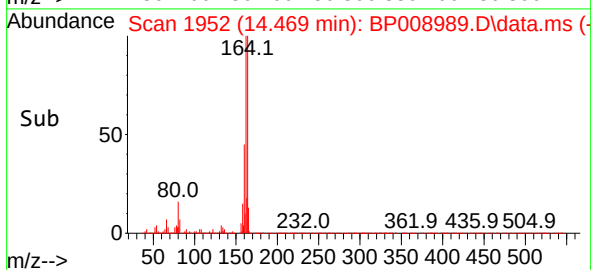
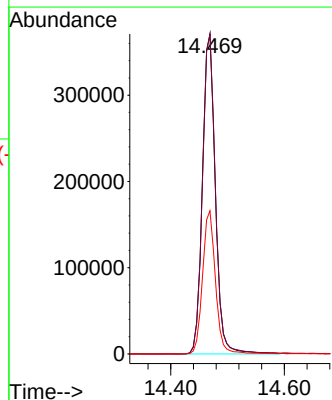
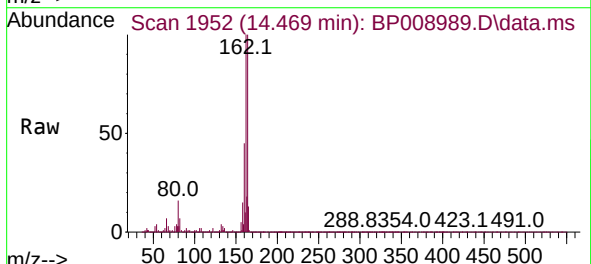
Instrument :
BNA_P
ClientSampleId :
MH-4S

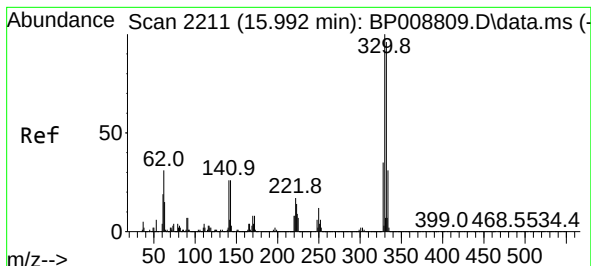
Tgt Ion: 82 Resp: 1119516
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 43.1 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

Tgt Ion:164 Resp: 585030
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 44.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 98.064 ng

RT: 15.963 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008989.D

Acq: 01 Feb 2022 16:30

Instrument :

BNA_P

ClientSampleId :

MH-4S

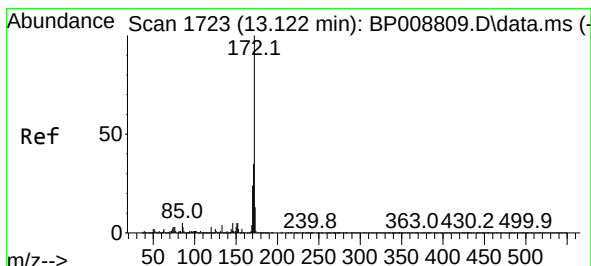
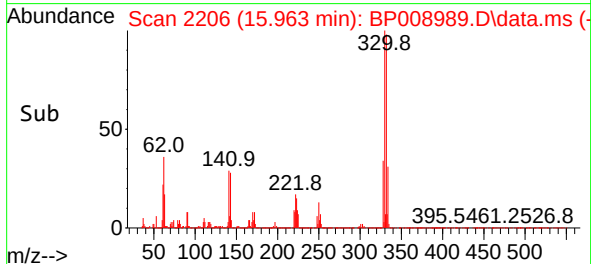
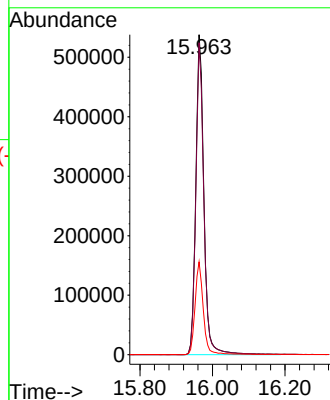
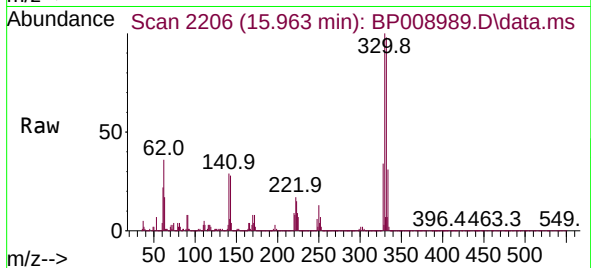
Tgt Ion:330 Resp: 835083

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 29.1 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 63.903 ng

RT: 13.087 min Scan# 1717

Delta R.T. -0.012 min

Lab File: BP008989.D

Acq: 01 Feb 2022 16:30

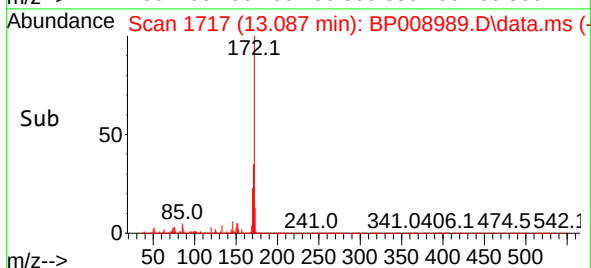
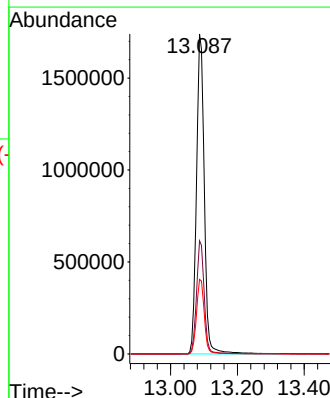
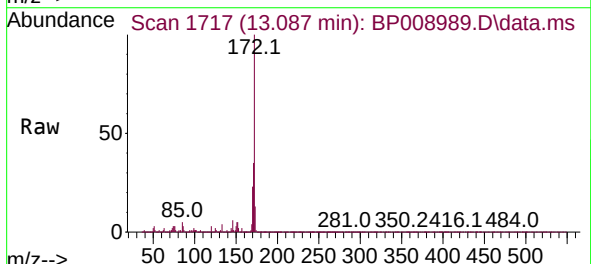
Tgt Ion:172 Resp: 2834931

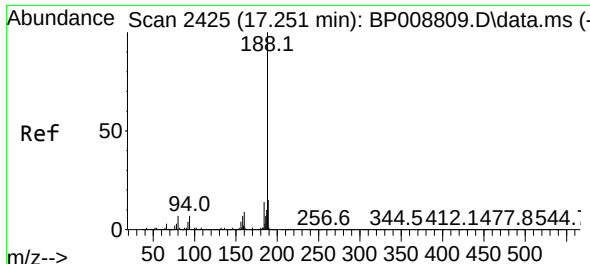
Ion Ratio Lower Upper

172 100

171 35.4 29.3 43.9

170 23.3 19.5 29.3

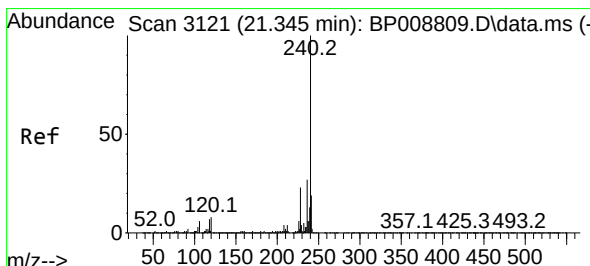
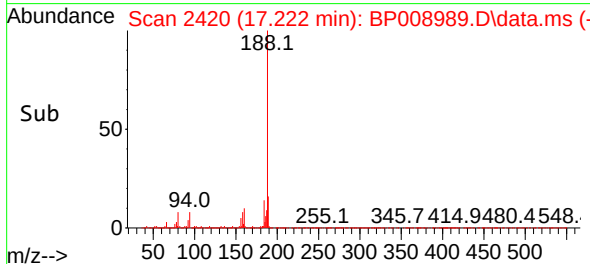
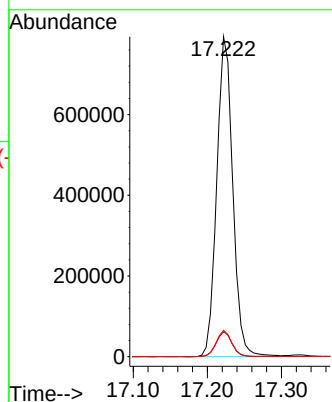
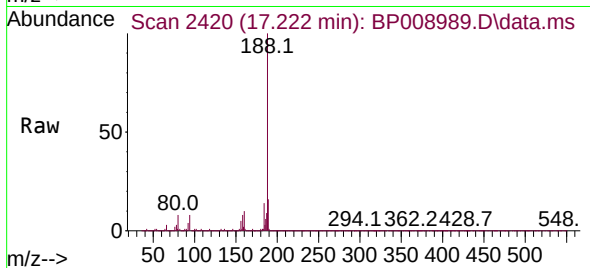




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

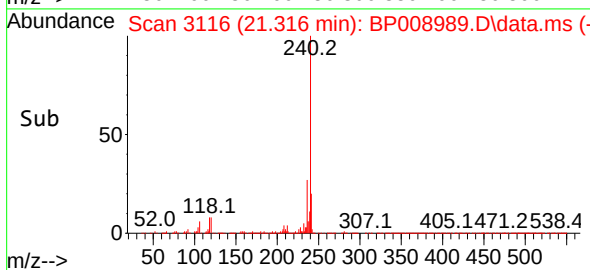
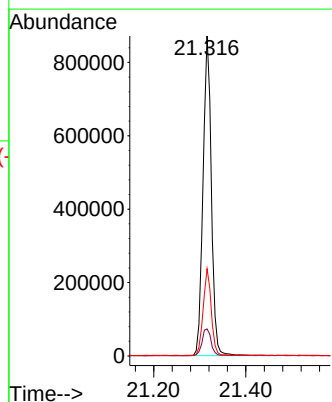
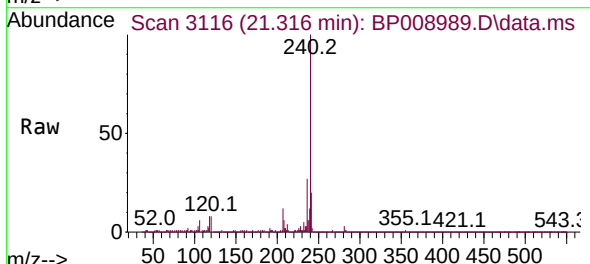
Instrument :
BNA_P
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MH-4S

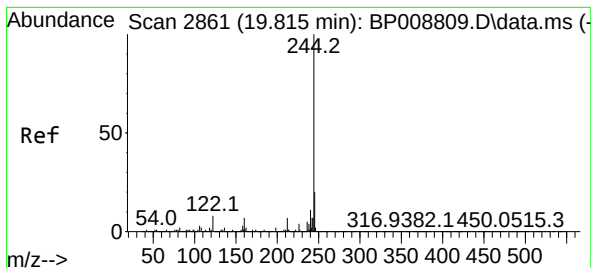
Tgt Ion:188 Resp: 1191407
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008989.D
Acq: 01 Feb 2022 16:30

Tgt Ion:240 Resp: 1103580
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 27.3 21.2 31.8





#79

Terphenyl-d14

Concen: 61.702 ng

RT: 19.786 min Scan# 2861

Delta R.T. -0.012 min

Lab File: BP008989.D

Acq: 01 Feb 2022 16:30

Instrument :

BNA_P

ClientSampleId :

MH-4S

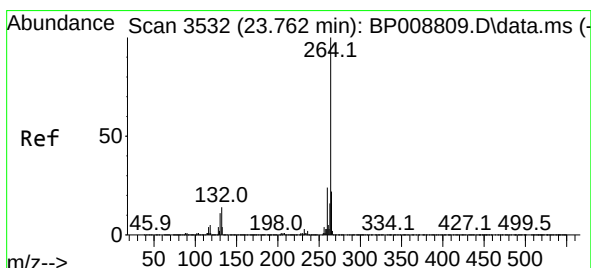
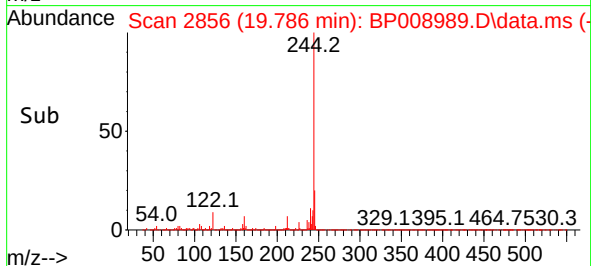
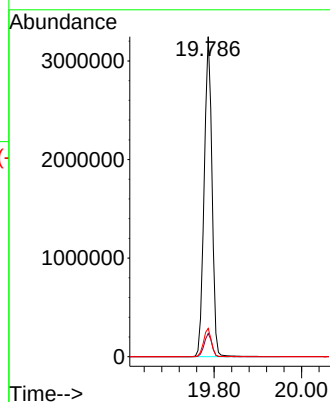
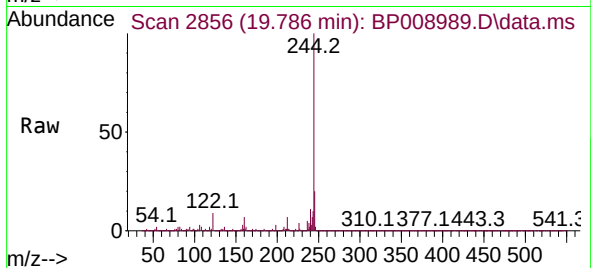
Tgt Ion:244 Resp: 4034111

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 8.9 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3525

Delta R.T. -0.017 min

Lab File: BP008989.D

Acq: 01 Feb 2022 16:30

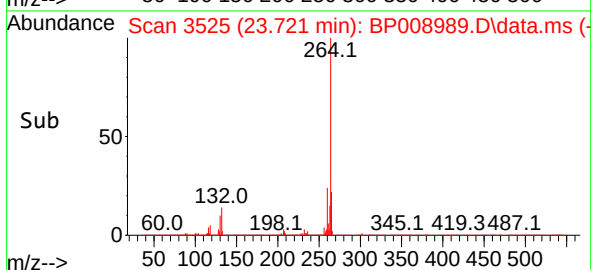
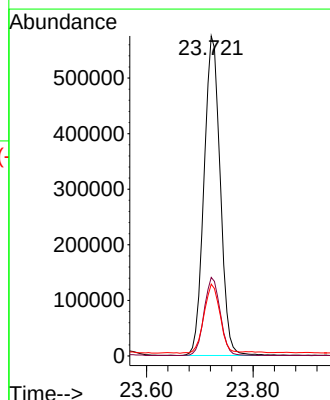
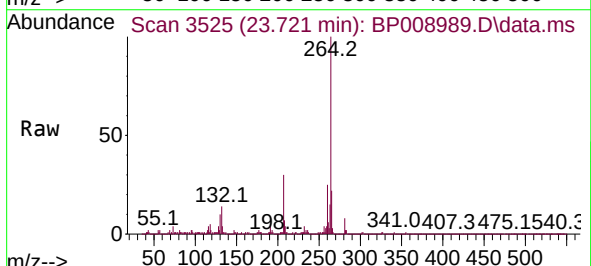
Tgt Ion:264 Resp: 1210983

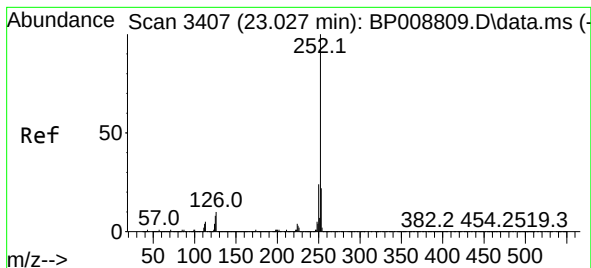
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.5 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.261 ng

RT: 22.992 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP008989.D

Acq: 01 Feb 2022 16:30

Instrument :

BNA_P

ClientSampleId :

MH-4S

Tgt Ion:252 Resp: 182823

Ion Ratio Lower Upper

252 100

253 25.1 18.0 27.0

125 11.0 6.9 10.3#

