

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008233.D
 Acq On : 06 Dec 2021 17:36
 Operator : CG/JU
 Sample : M4927-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PH1-BOT-10

Quant Time: Dec 07 05:10:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

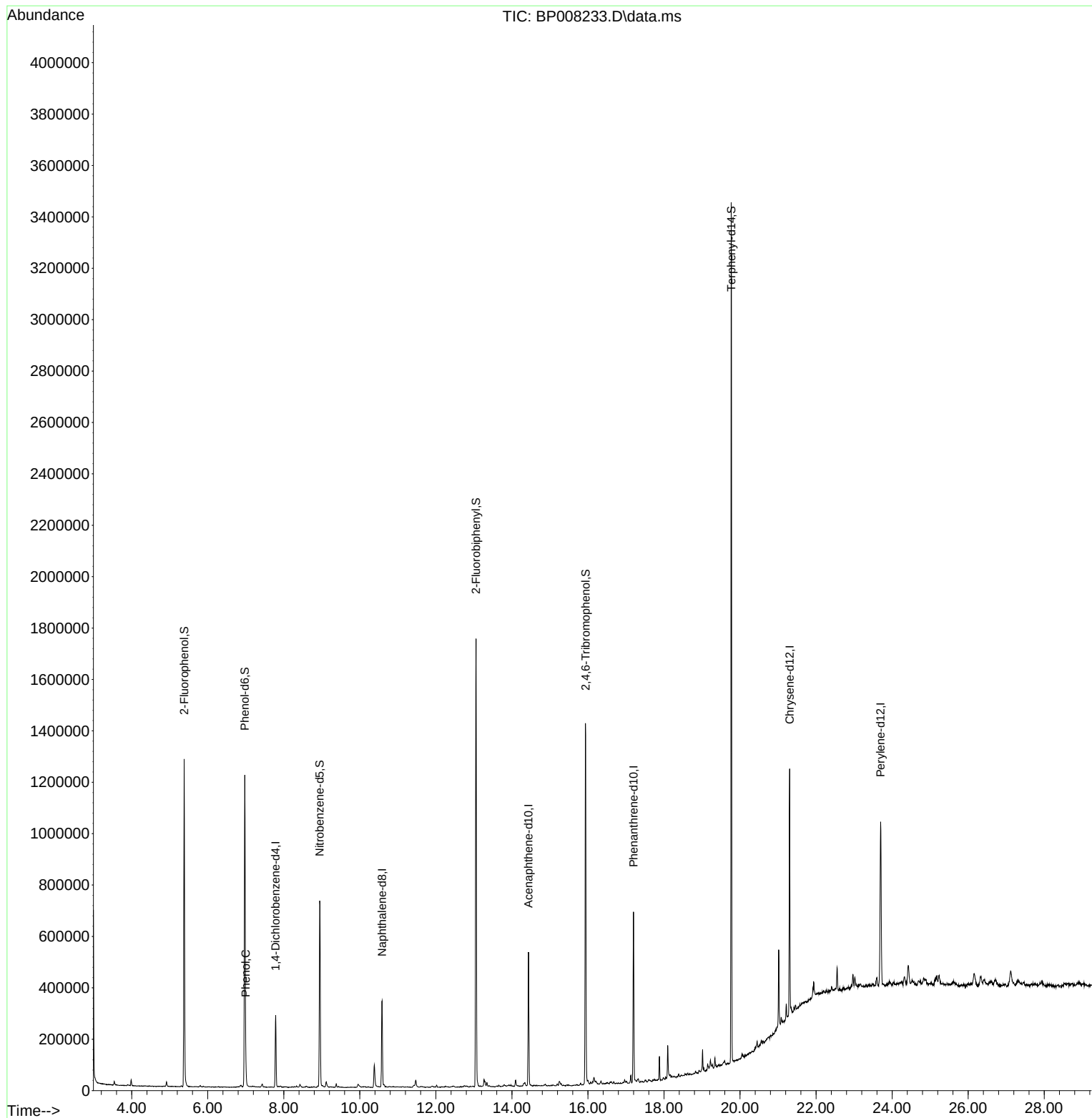
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	72239	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	266352	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	178759	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	391538	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	446078	20.000	ng	-0.01
86) Perylene-d12	23.698	264	496982	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	498293	111.062	ng	0.00
7) Phenol-d6	6.975	99	656848	108.451	ng	-0.01
23) Nitrobenzene-d5	8.946	82	435598	74.368	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	272551	119.287	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	869708	70.670	ng	-0.01
79) Terphenyl-d14	19.769	244	1556151	72.907	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.940	77	429	Below Cal	#	16
10) Phenol	6.999	94	23420	3.763	ng	79
78) Pyrene	19.574	202	7674	Below Cal	#	91

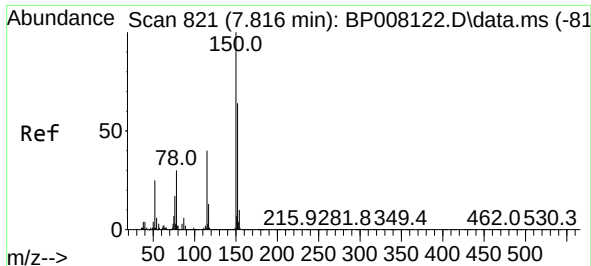
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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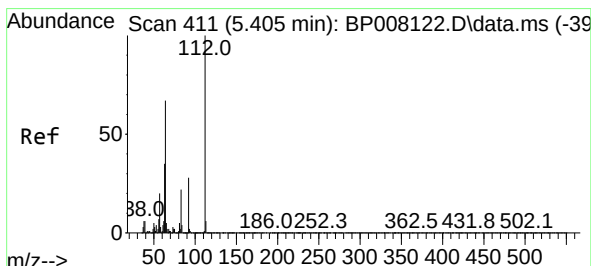
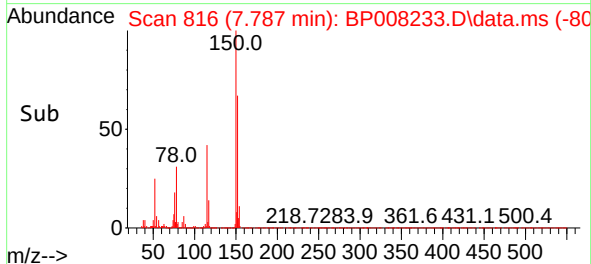
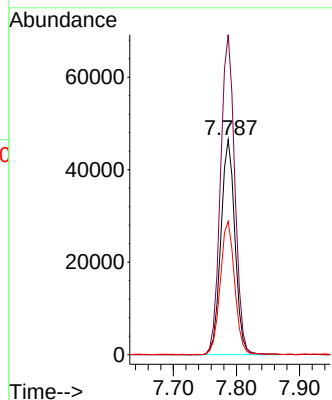
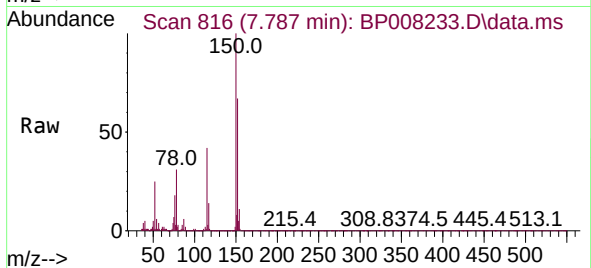




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

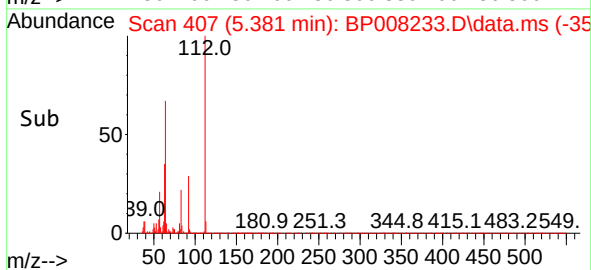
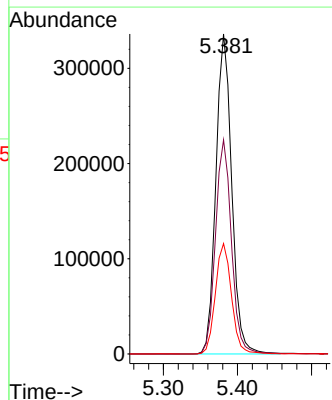
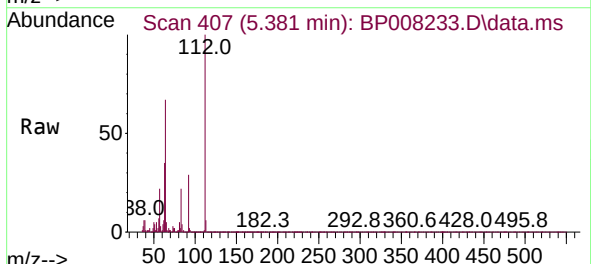
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-10

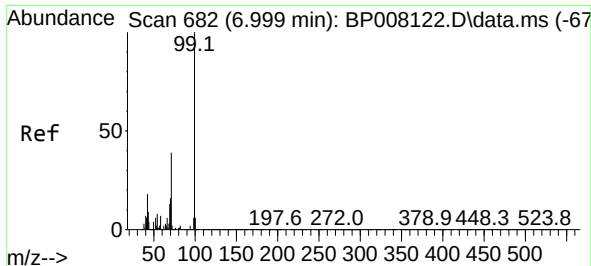
Tgt Ion:152 Resp: 72239
Ion Ratio Lower Upper
152 100
150 148.8 125.7 188.5
115 62.0 50.7 76.1



#5
2-Fluorophenol
Concen: 111.062 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion:112 Resp: 498293
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 34.5 27.8 41.8

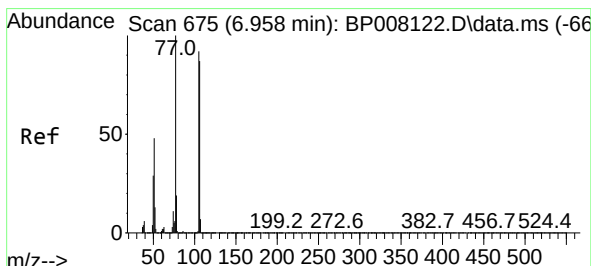
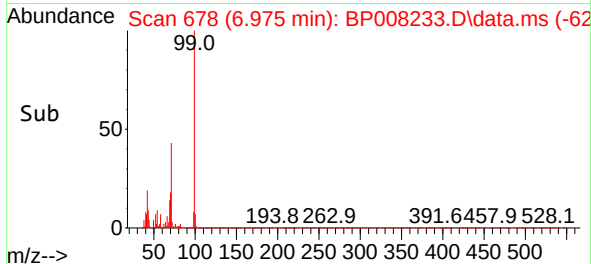
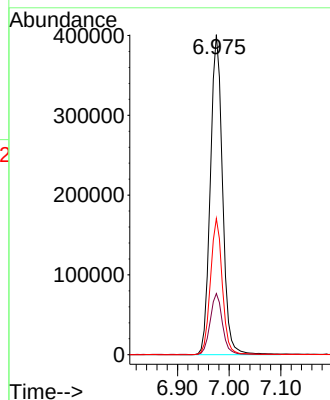
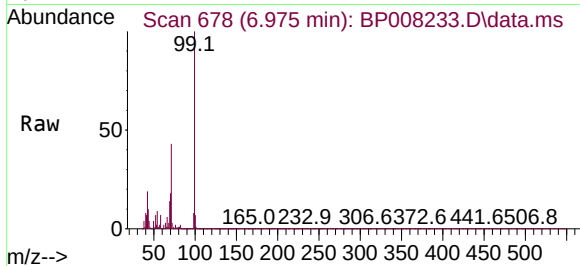




#7
Phenol-d6
Concen: 108.451 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

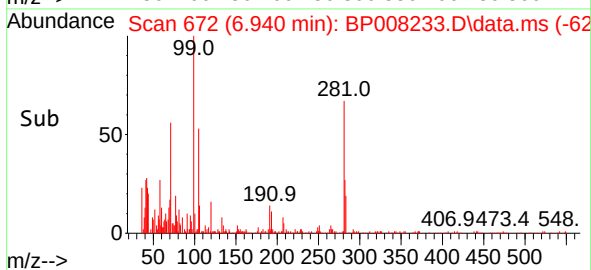
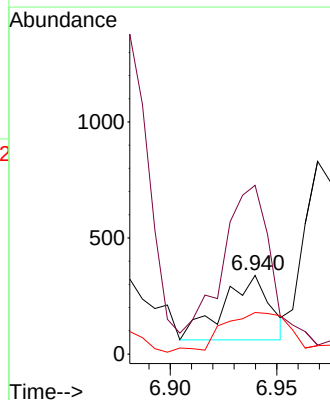
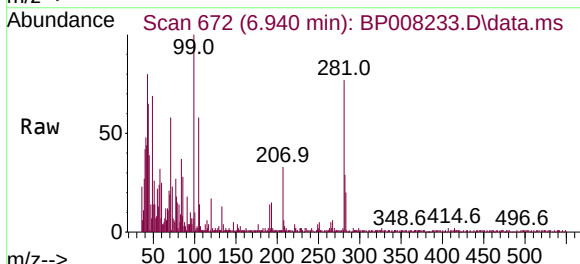
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-10

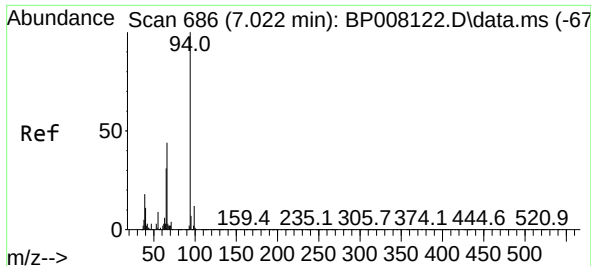
Tgt Ion: 99 Resp: 656848
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 42.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion: 77 Resp: 429
Ion Ratio Lower Upper
77 100
105 214.5 71.8 111.8#
106 52.8 67.3 107.3#

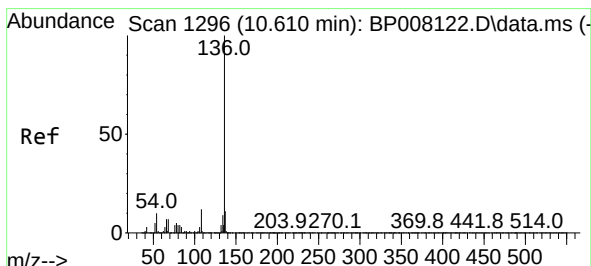
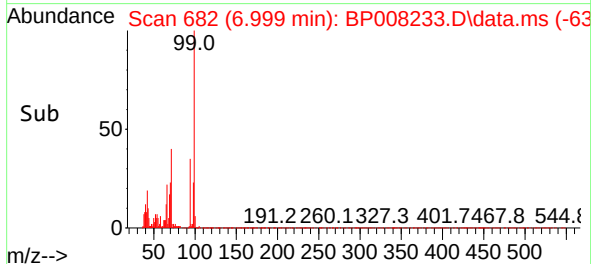
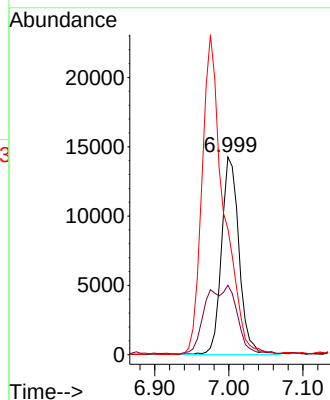
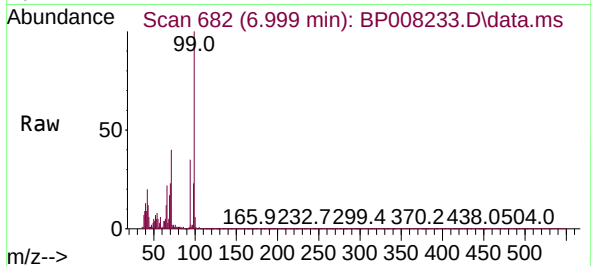




#10
Phenol
Concen: 3.763 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

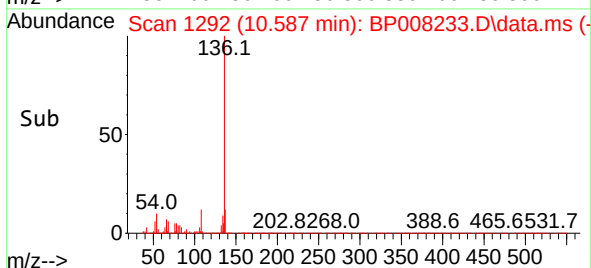
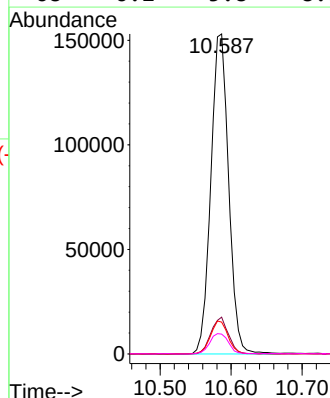
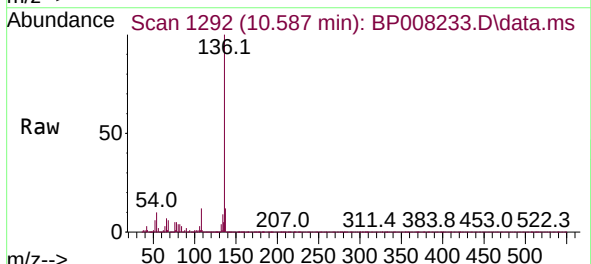
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-10

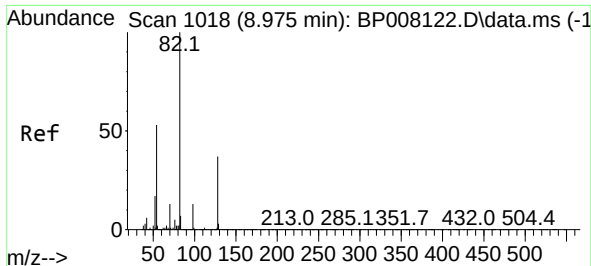
Tgt Ion: 94 Resp: 23420
Ion Ratio Lower Upper
94 100
65 35.1 10.9 50.9
66 63.8 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion:136 Resp: 266352
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.0 8.2 12.4
68 6.2 5.8 8.8

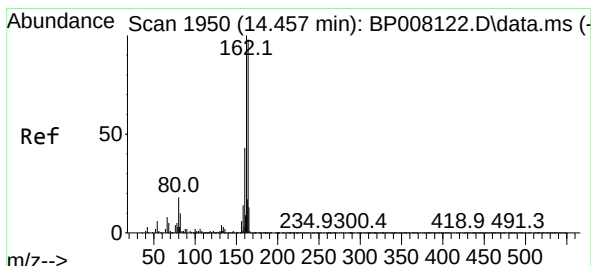
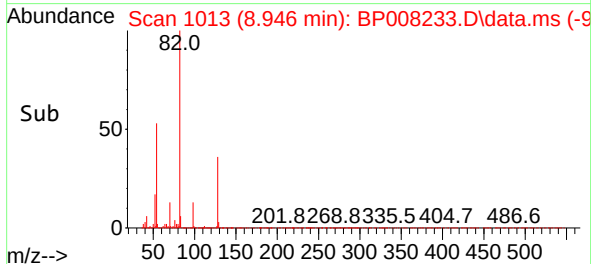
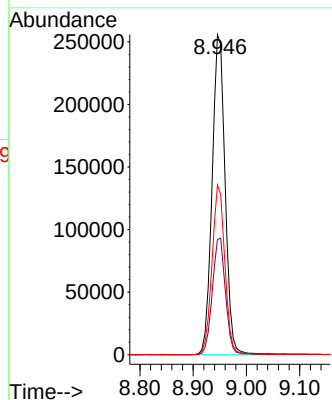
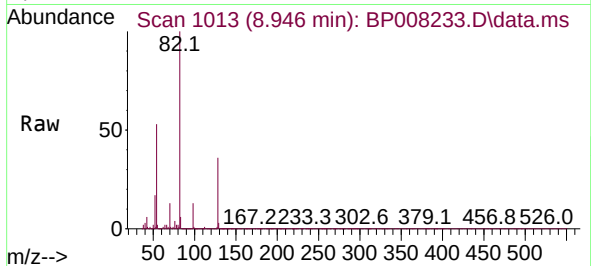




#23
Nitrobenzene-d5
Concen: 74.368 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

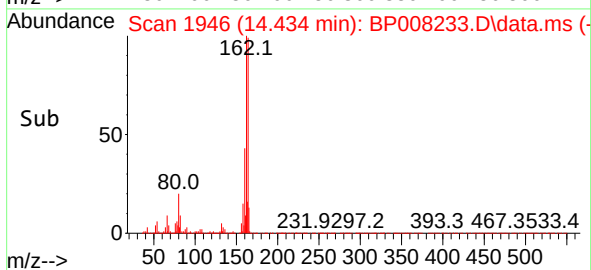
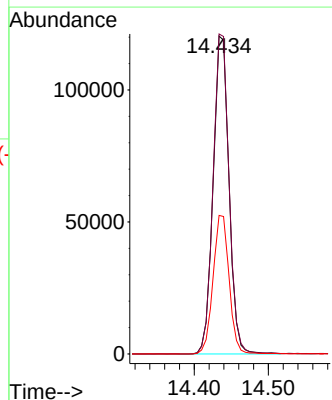
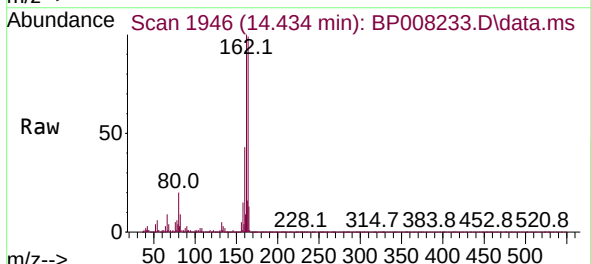
Instrument :
BNA_P
ClientSampleId :
PH1-BOT-10

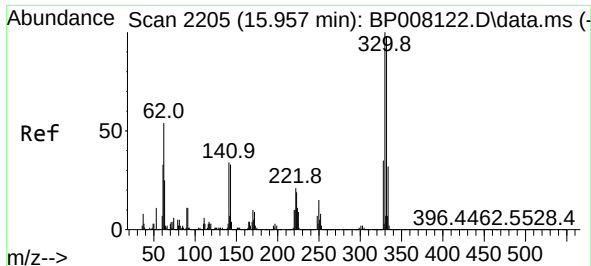
Tgt Ion: 82 Resp: 435598
Ion Ratio Lower Upper
82 100
128 36.0 29.6 44.4
54 53.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion:164 Resp: 178759
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 43.6 35.4 53.0

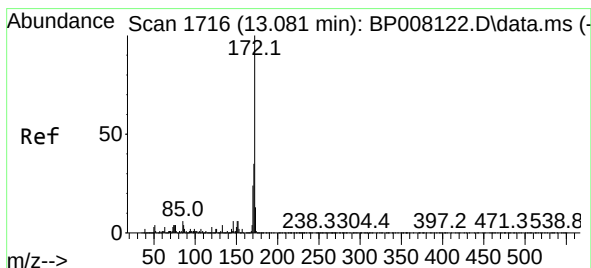
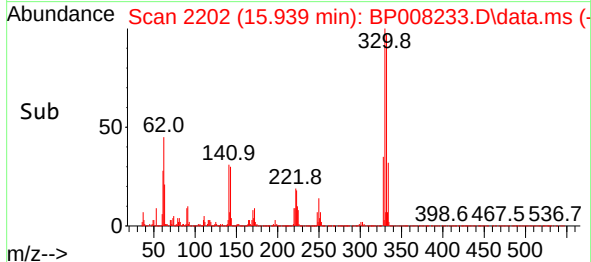
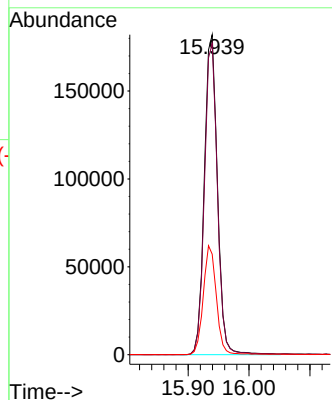
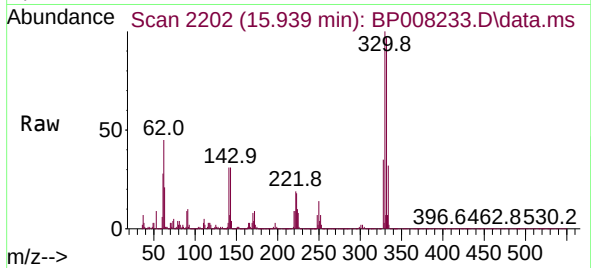




#42
2,4,6-Tribromophenol
Concen: 119.287 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

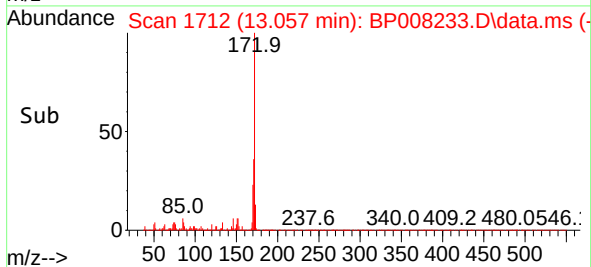
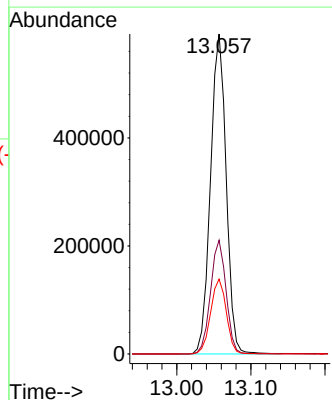
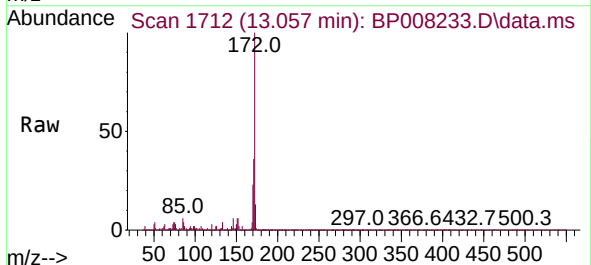
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PH1-BOT-10

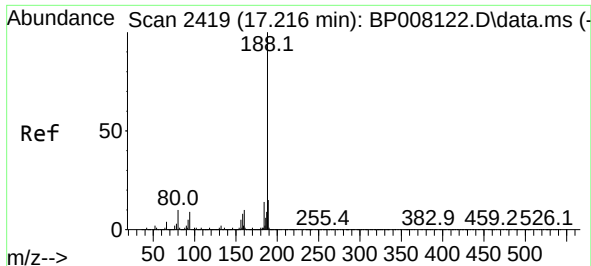
Tgt Ion:330 Resp: 272551
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 34.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 70.670 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion:172 Resp: 869708
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.9 28.3

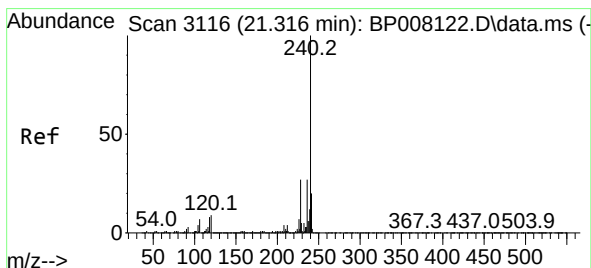
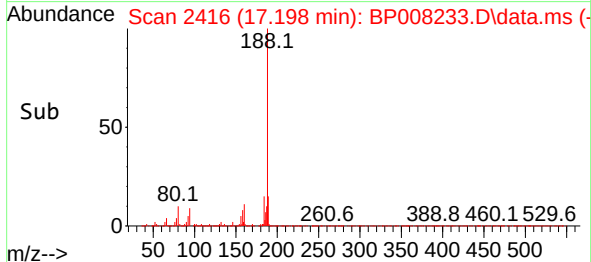
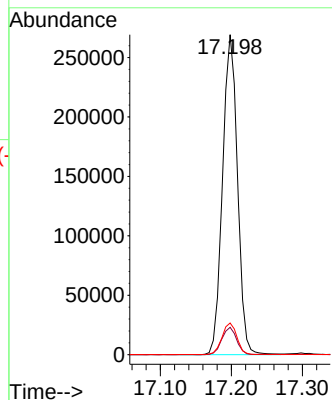
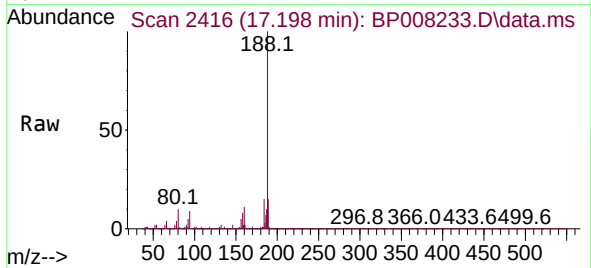




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

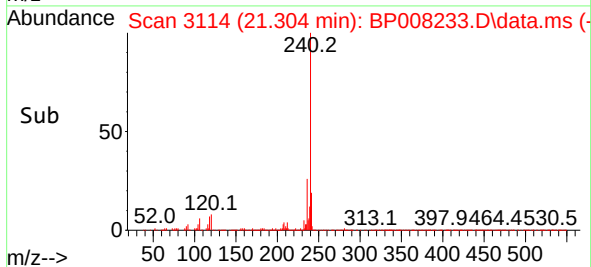
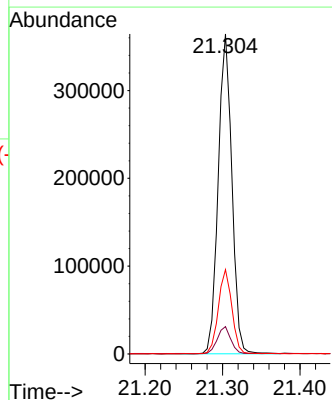
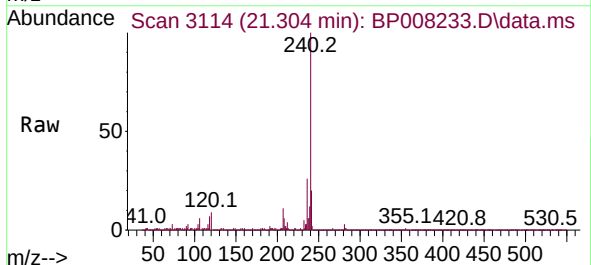
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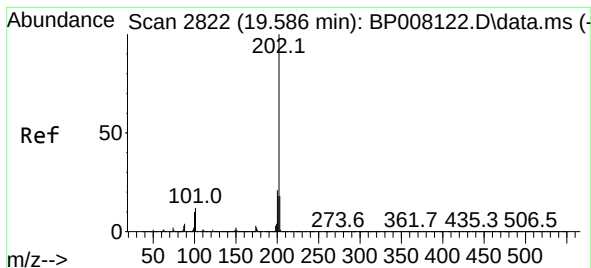
Tgt Ion:188 Resp: 391538
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Tgt Ion:240 Resp: 446078
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.4 21.4 32.2





#78

Pyrene

Concen: Below Cal

RT: 19.574 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BP008233.D

Acq: 06 Dec 2021 17:36

Instrument :

BNA_P

ClientSampleId :

PH1-BOT-10

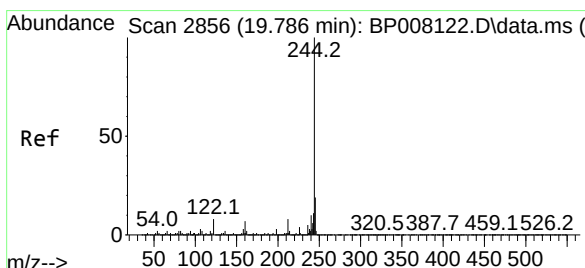
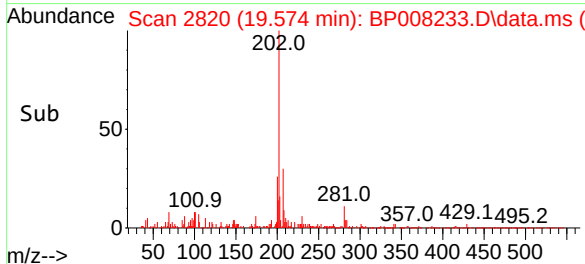
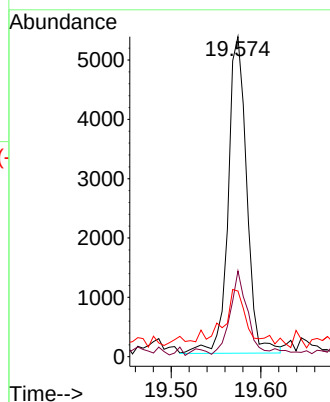
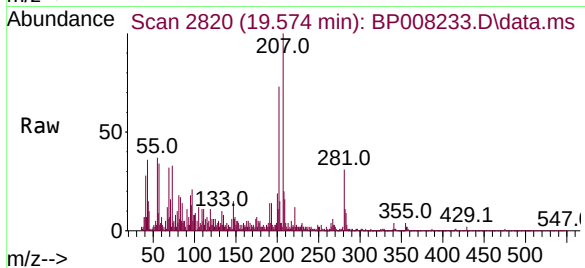
Tgt Ion:202 Resp: 7674

Ion Ratio Lower Upper

202 100

200 26.8 17.1 25.7#

203 20.5 14.2 21.2



#79

Terphenyl-d14

Concen: 72.907 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP008233.D

Acq: 06 Dec 2021 17:36

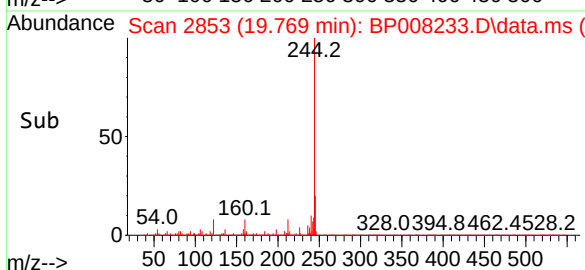
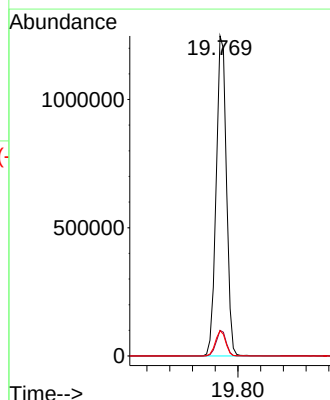
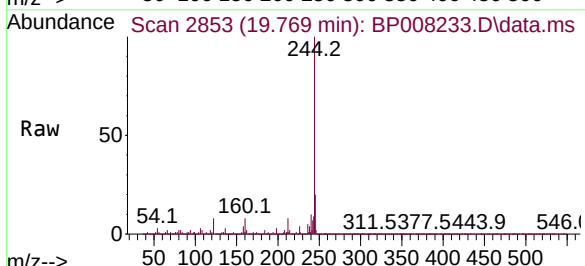
Tgt Ion:244 Resp: 1556151

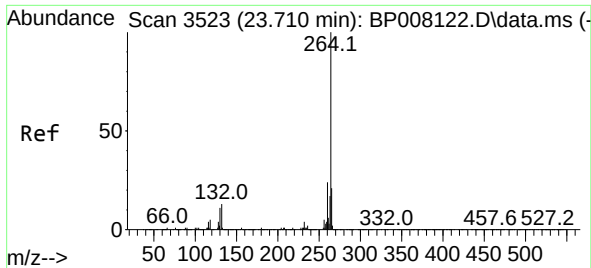
Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 7.9 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008233.D
Acq: 06 Dec 2021 17:36

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-10

Tgt Ion:264 Resp: 496982

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	22.6	17.6	26.4

