

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007832.D
 Acq On : 03 Nov 2021 20:27
 Operator : CG/JU
 Sample : M4395-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-GGS

Quant Time: Nov 04 07:31:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

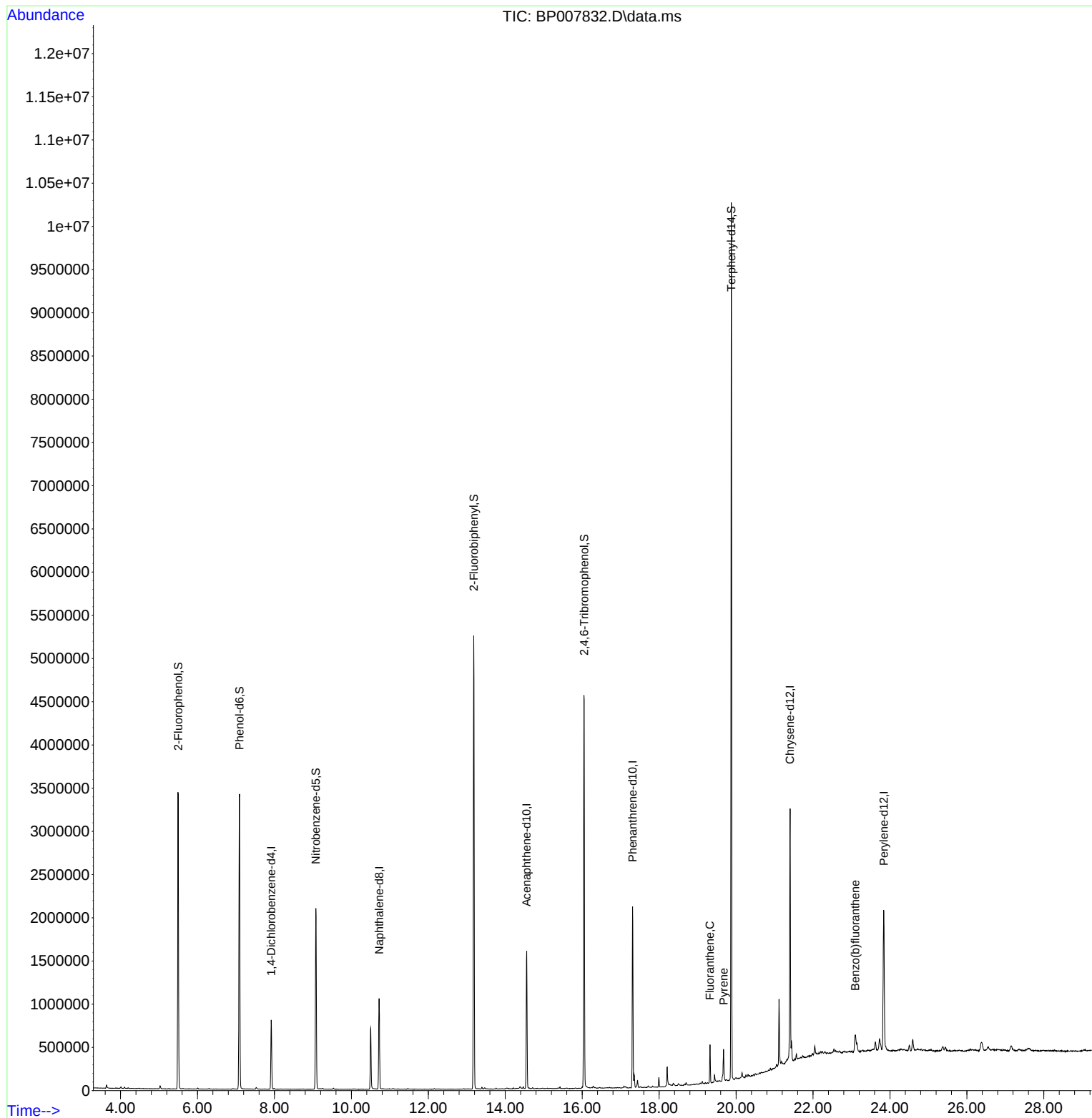
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	215125	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	879698	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	565595	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	1229006	20.00	ng	-0.01
76) Chrysene-d12	21.404	240	1377722	20.00	ng	-0.01
86) Perylene-d12	23.839	264	1271091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1559404	122.94	ng	0.00
7) Phenol-d6	7.093	99	2004394	109.17	ng	0.00
23) Nitrobenzene-d5	9.075	82	1220485	74.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	906922	112.36	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2727209	70.22	ng	-0.01
79) Terphenyl-d14	19.875	244	4591277	67.86	ng	0.00
Target Compounds						
75) Fluoranthene	19.322	202	252851	3.10	ng	98
78) Pyrene	19.675	202	217232	2.57	ng	100
88) Benzo(b)fluoranthene	23.098	252	175807	2.35	ng	97

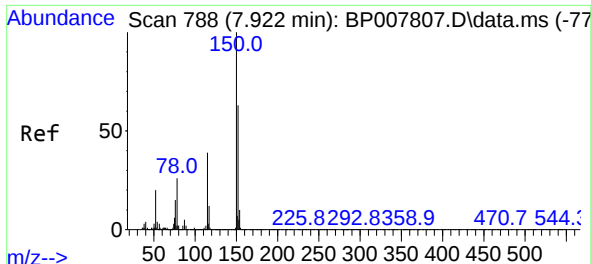
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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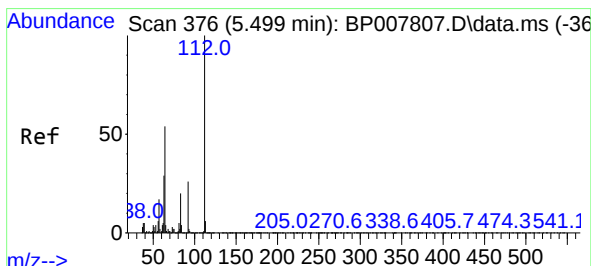
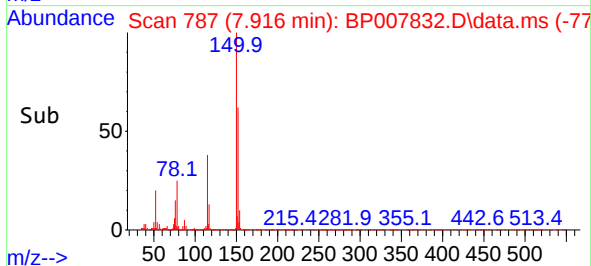
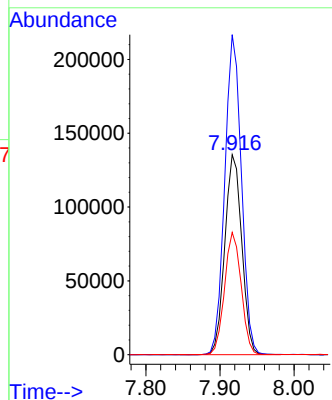
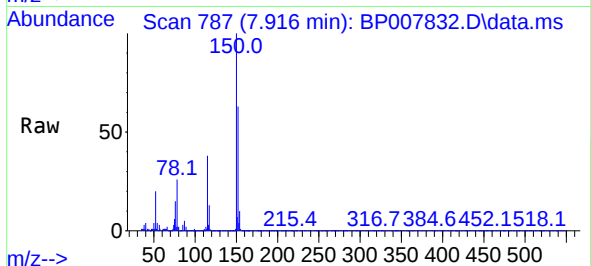




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

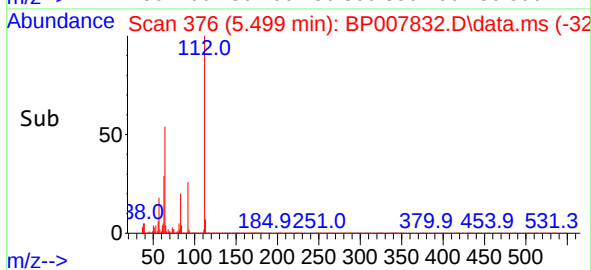
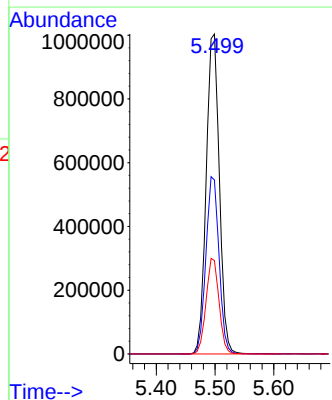
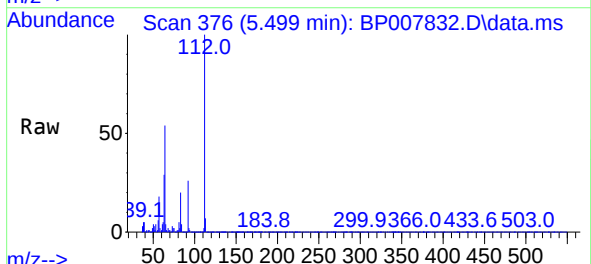
Instrument :
BNA_P
ClientSampleId :
MH-GGS

Tgt Ion:152 Resp: 215125
Ion Ratio Lower Upper
152 100
150 160.0 124.1 186.1
115 61.1 48.1 72.1



#5
2-Fluorophenol
Concen: 122.94 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion:112 Resp: 1559404
Ion Ratio Lower Upper
112 100
64 54.3 46.6 70.0
63 29.2 25.0 37.6



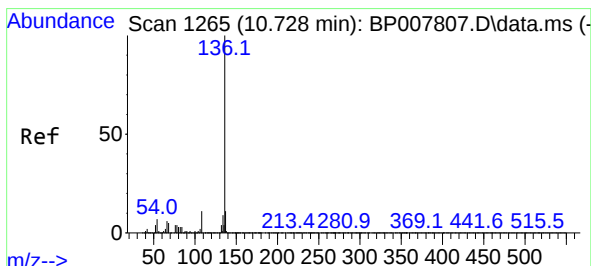
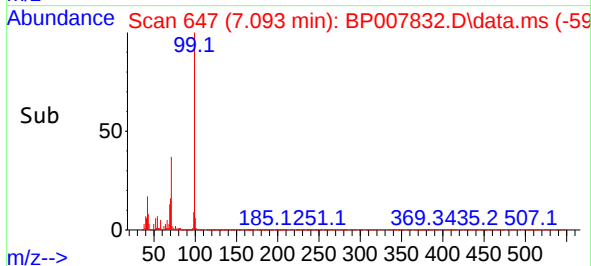
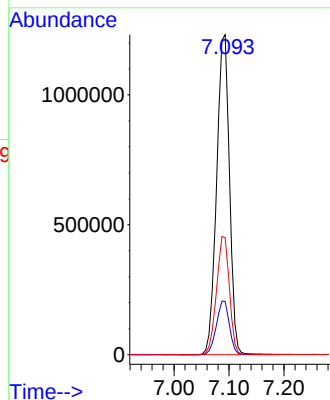
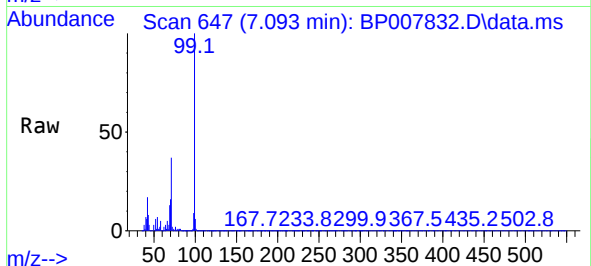


#7
Phenol-d6
Concen: 109.17 ng
RT: 7.093 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Instrument :
BNA_P
ClientSampleId :
MH-GGS

Tgt Ion: 99 Resp: 2004394

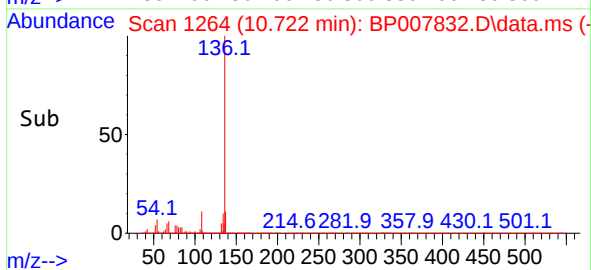
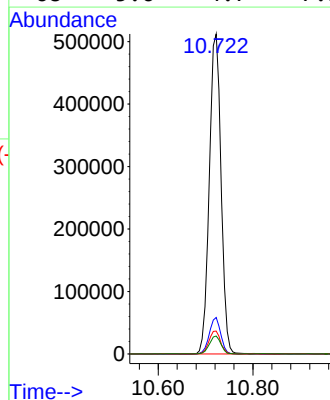
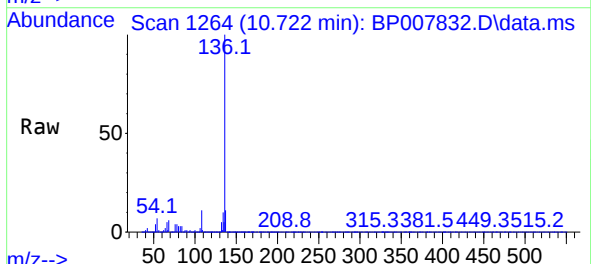
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	36.5	29.2	43.8

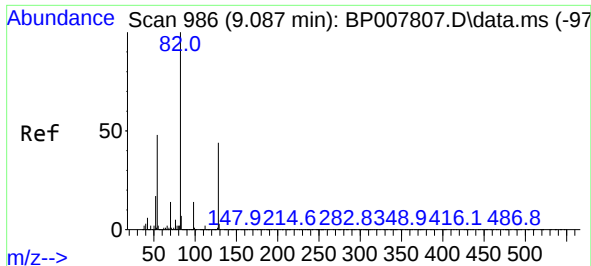


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion: 136 Resp: 879698

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.2	6.2	9.4
68	5.6	4.7	7.1

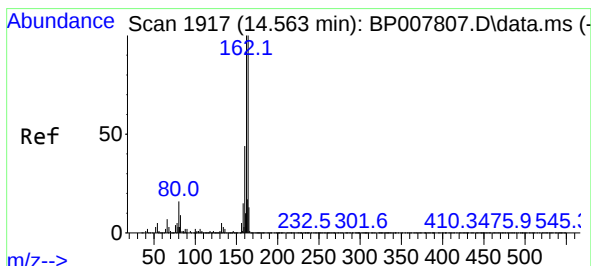
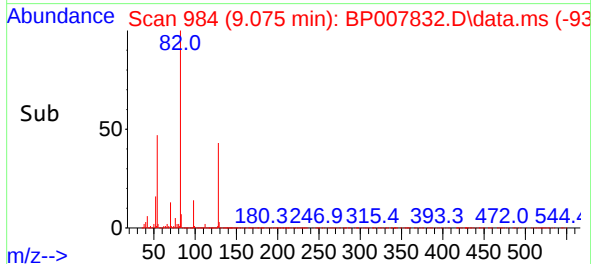
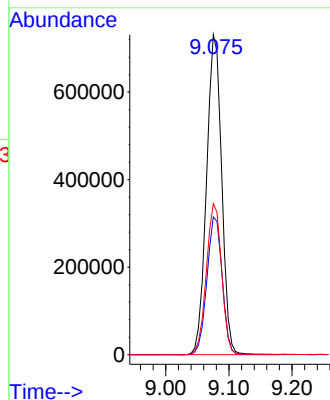
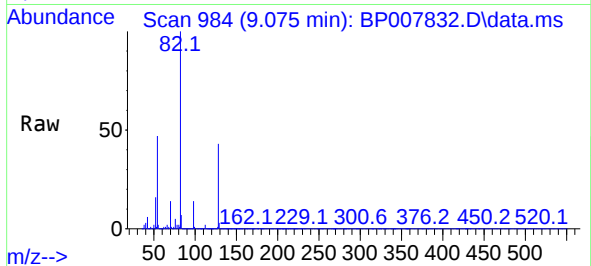




#23
Nitrobenzene-d5
Concen: 74.53 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

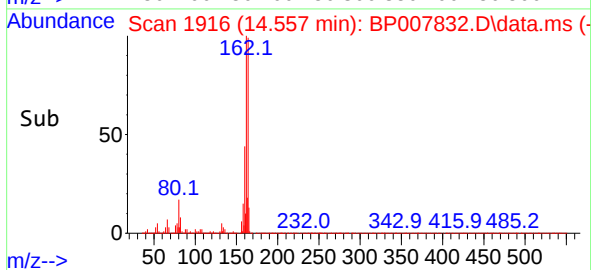
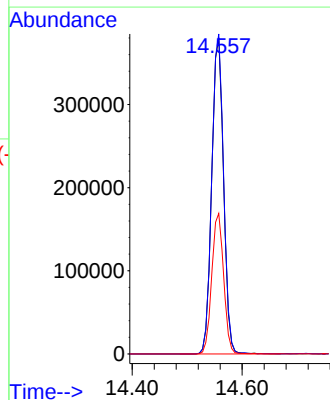
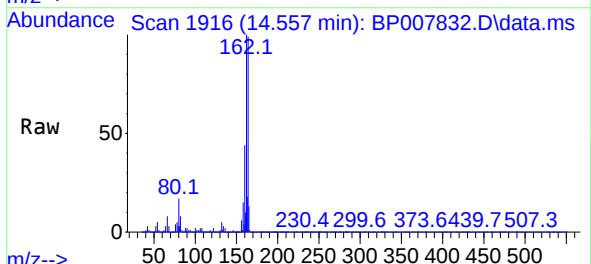
Instrument :
BNA_P
ClientSampleId :
MH-GGS

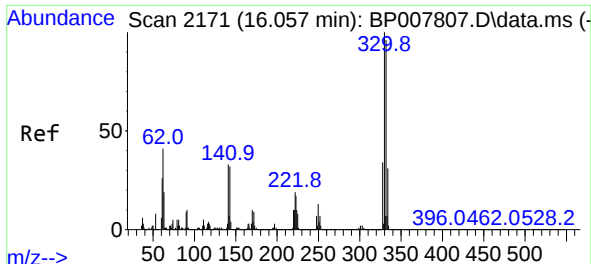
Tgt Ion: 82 Resp: 1220485
Ion Ratio Lower Upper
82 100
128 43.0 32.6 48.8
54 47.2 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion: 164 Resp: 565595
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 44.4 36.0 54.0

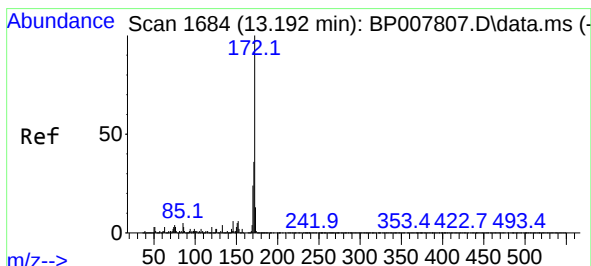
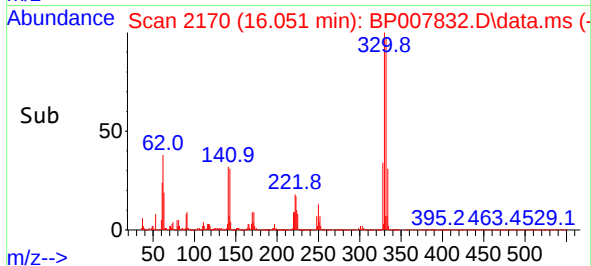
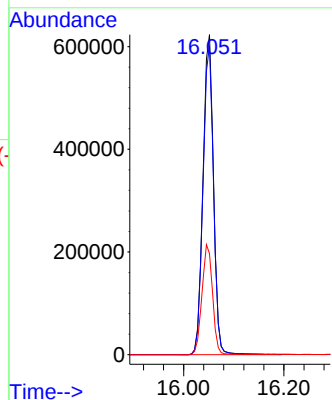
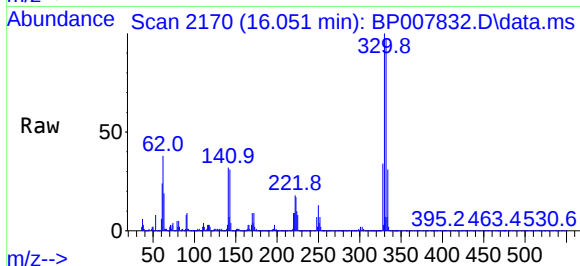




#42
2,4,6-Tribromophenol
Concen: 112.36 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

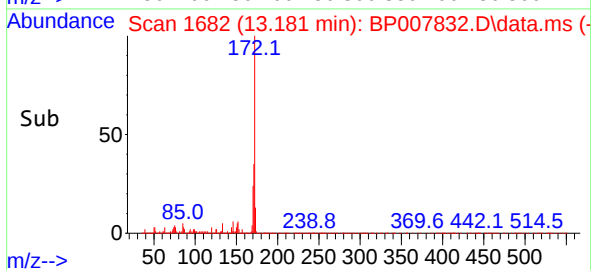
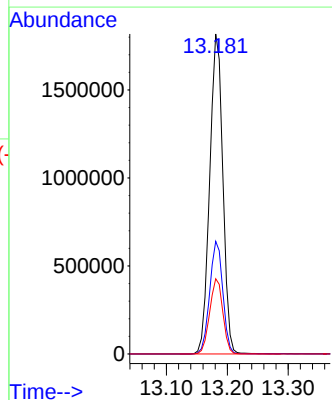
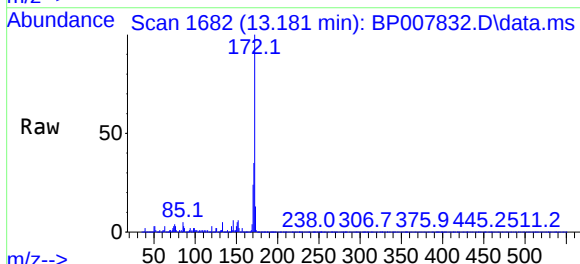
Instrument :
BNA_P
ClientSampleId :
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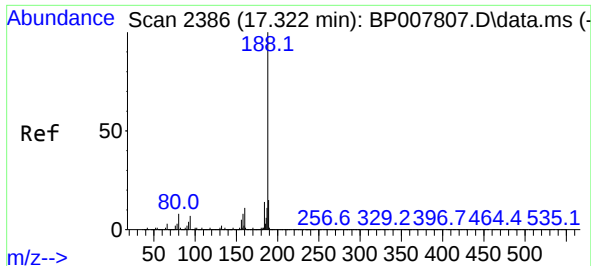
Tgt Ion:330 Resp: 906922
Ion Ratio Lower Upper
330 100
332 96.4 78.9 118.3
141 34.7 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 70.22 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion:172 Resp: 2727209
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 19.0 28.4

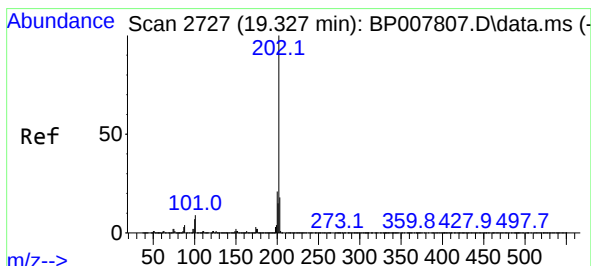
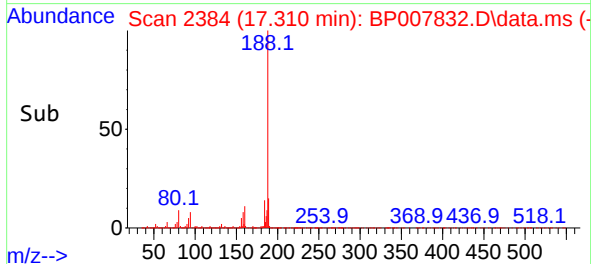
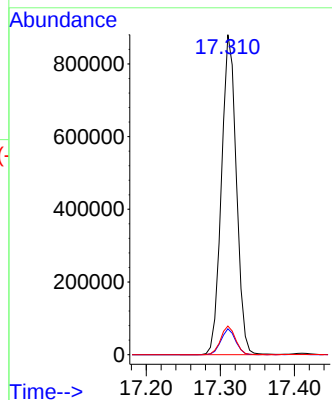
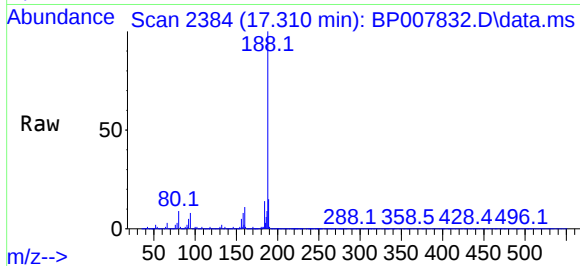




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

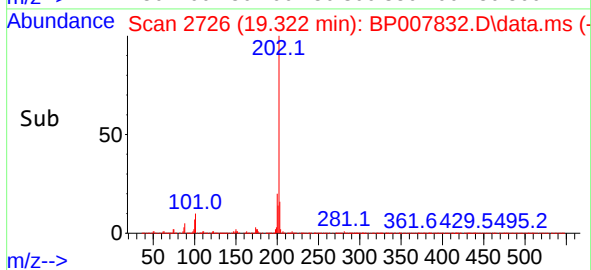
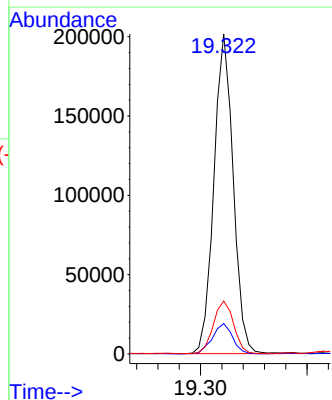
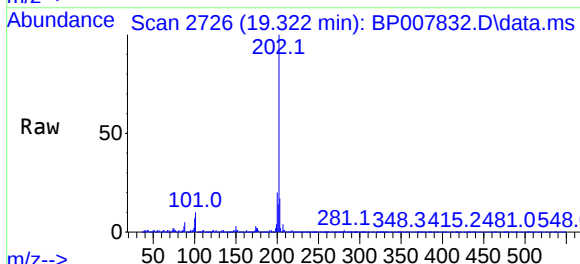
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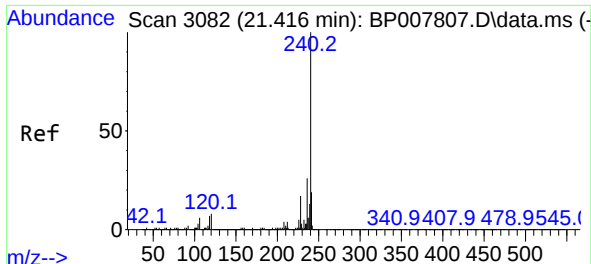
Tgt Ion:188 Resp: 1229006
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.0 7.8 11.6



#75
Fluoranthene
Concen: 3.10 ng
RT: 19.322 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion:202 Resp: 252851
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.4
203 16.5 0.0 37.6

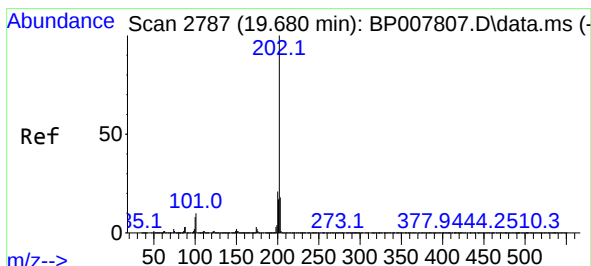
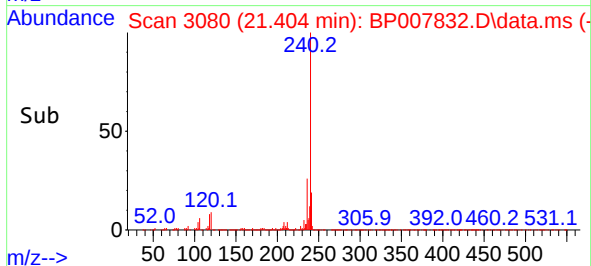
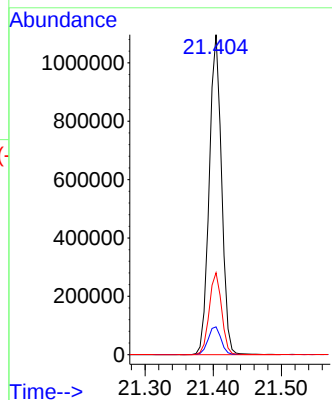
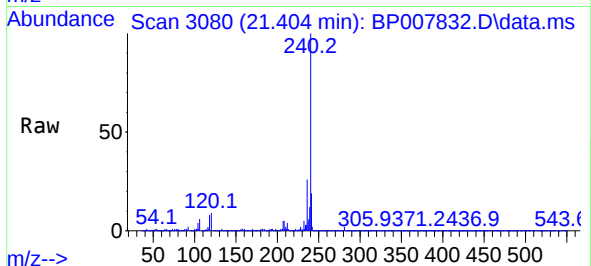




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

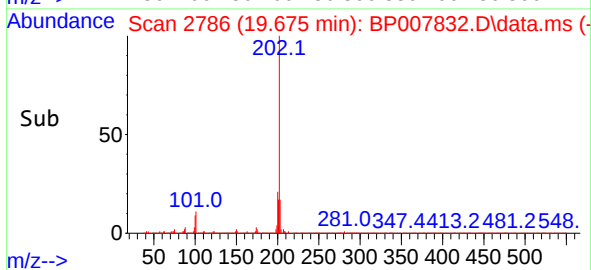
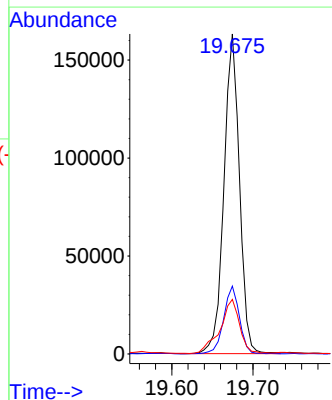
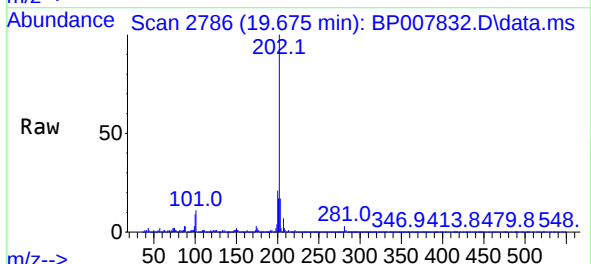
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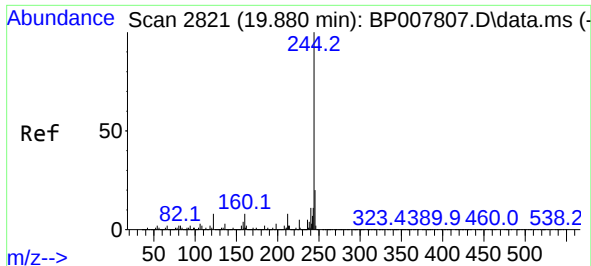
Tgt Ion:240 Resp: 1377722
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.8
236 25.6 20.6 30.8



#78
Pyrene
Concen: 2.57 ng
RT: 19.675 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Tgt Ion:202 Resp: 217232
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.1 13.8 20.6

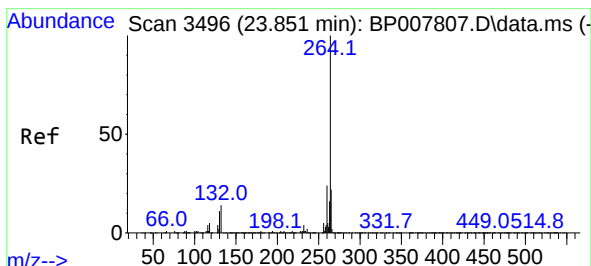
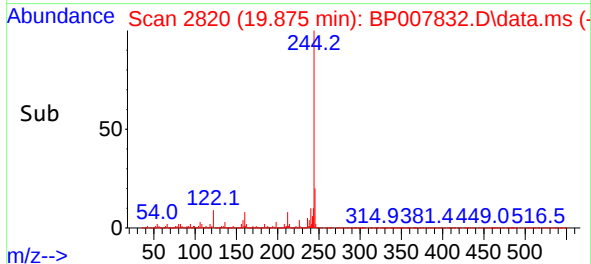
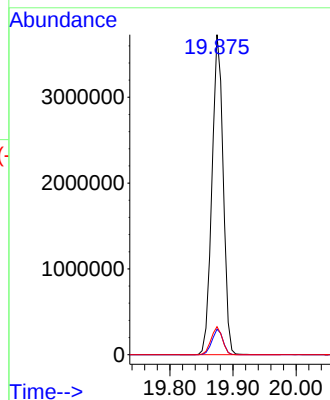
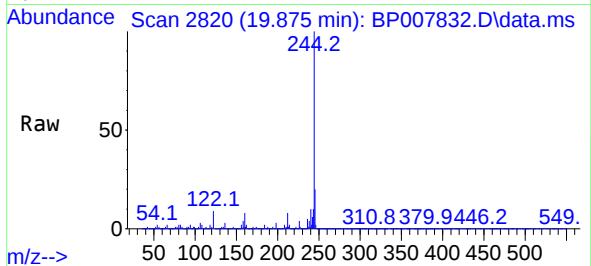




#79
Terphenyl-d14
Concen: 67.86 ng
RT: 19.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

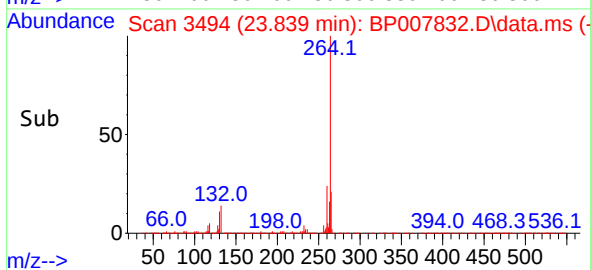
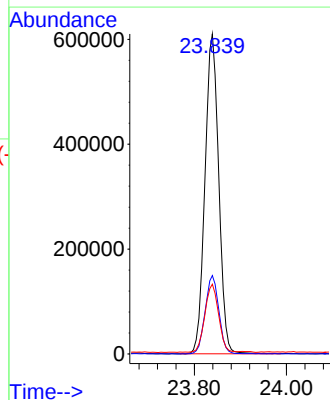
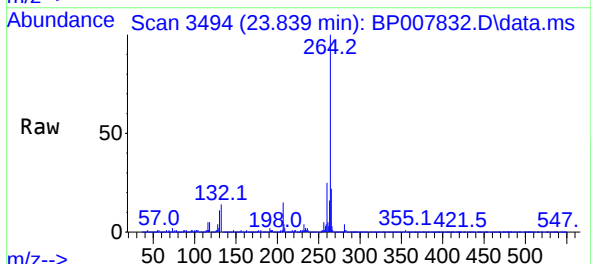
Instrument :
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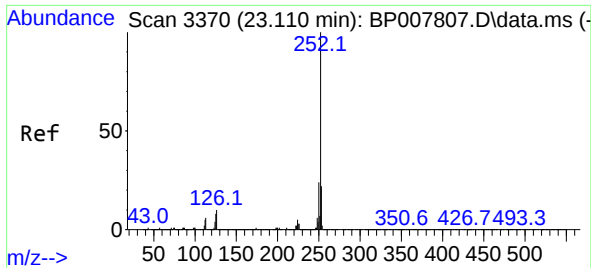
Tgt Ion:244 Resp: 4591277
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 8.7 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

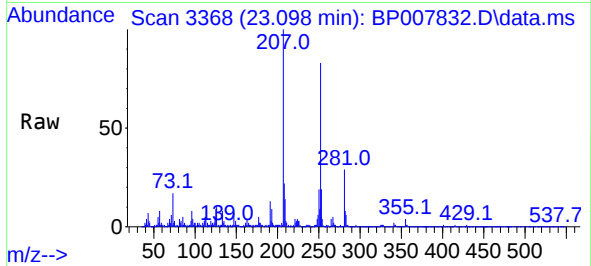
Tgt Ion:264 Resp: 1271091
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.8 16.7 25.1





#88
Benzo(b)fluoranthene
Concen: 2.35 ng
RT: 23.098 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP007832.D
Acq: 03 Nov 2021 20:27

Instrument :
BNA_P
ClientSampleId :
MH-GGS



Tgt Ion:252 Resp: 175807
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.7 7.4 11.0

