

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007801.D
 Acq On : 01 Nov 2021 20:39
 Operator : CG/JU
 Sample : M4424-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP04-S

Quant Time: Nov 02 01:51:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 01:43:06 2021
 Response via : Initial Calibration

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

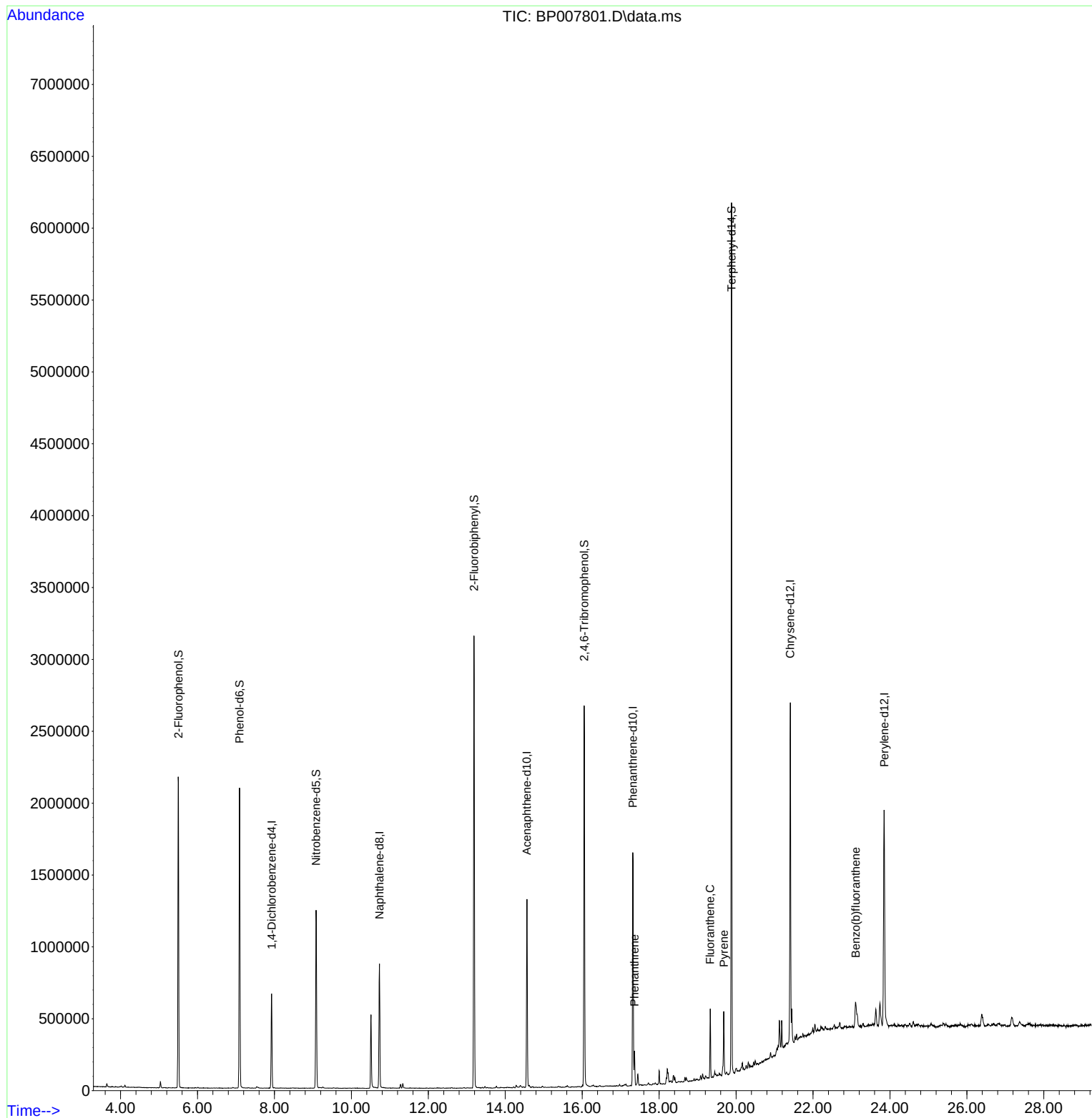
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	183698	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	702529	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	455627	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1006591	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1133911	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1204502	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	952634	85.953	ng	0.00
7) Phenol-d6	7.093	99	1178221	78.904	ng	0.00
23) Nitrobenzene-d5	9.081	82	709410	62.318	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	502902	106.337	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	1643051	55.120	ng	-0.01
79) Terphenyl-d14	19.881	244	2713122	48.462	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.357	178	143444	2.758	ng	98
75) Fluoranthene	19.328	202	274971	4.361	ng	99
78) Pyrene	19.681	202	276514	3.680	ng	99
88) Benzo(b)fluoranthene	23.110	252	164438	2.302	ng	98

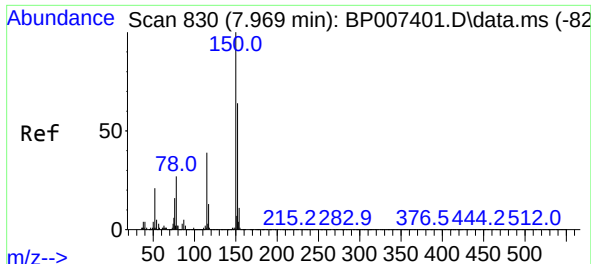
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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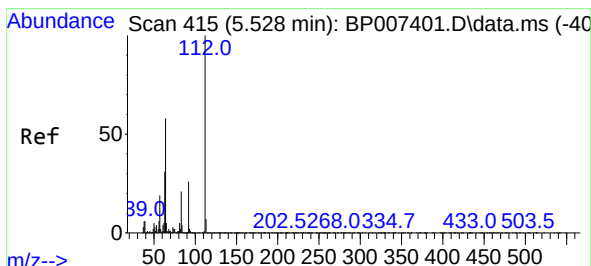
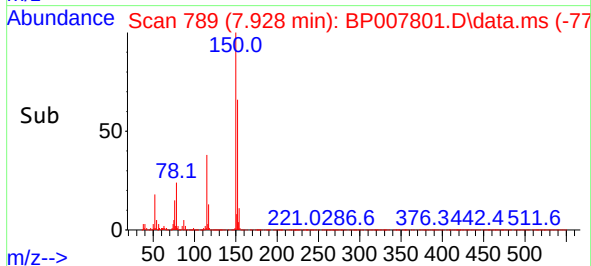
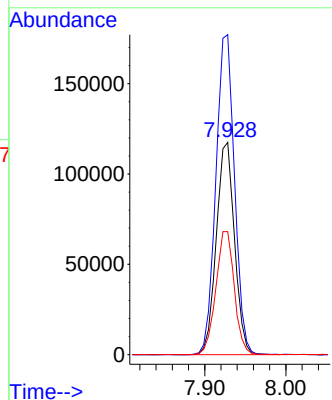
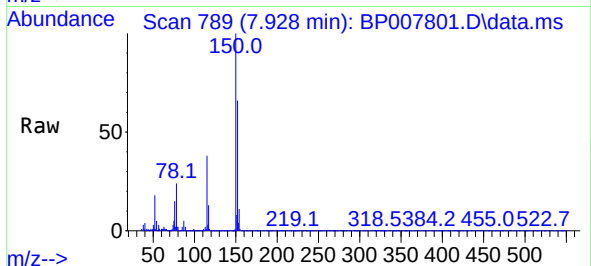




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

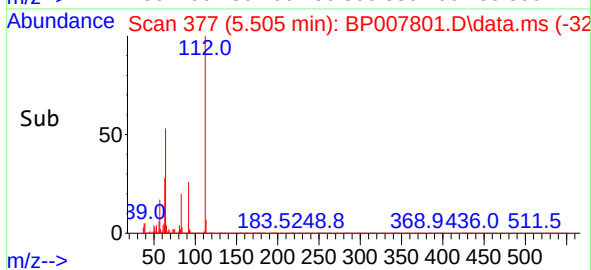
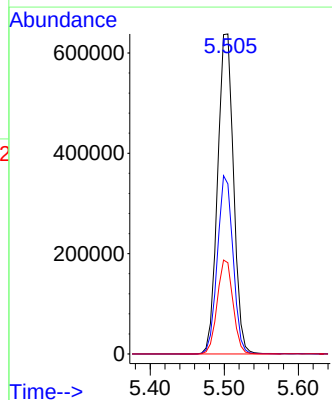
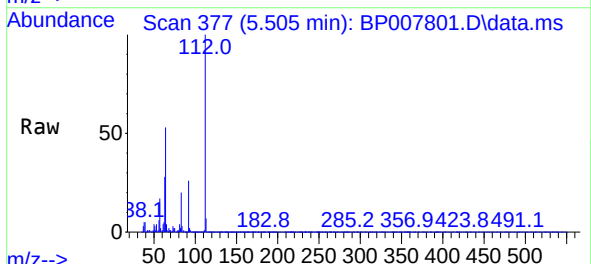
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

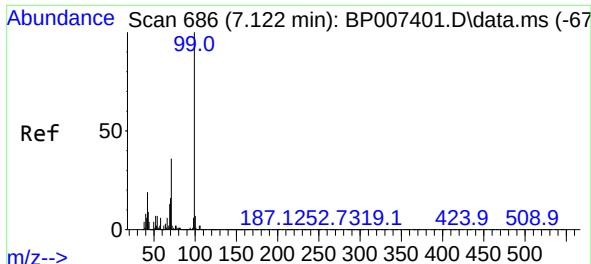
Tgt Ion:152 Resp: 183698
Ion Ratio Lower Upper
152 100
150 150.7 124.1 186.1
115 58.0 48.1 72.1



#5
2-Fluorophenol
Concen: 85.953 ng
RT: 5.505 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:112 Resp: 952634
Ion Ratio Lower Upper
112 100
64 53.2 46.6 70.0
63 28.5 25.0 37.6



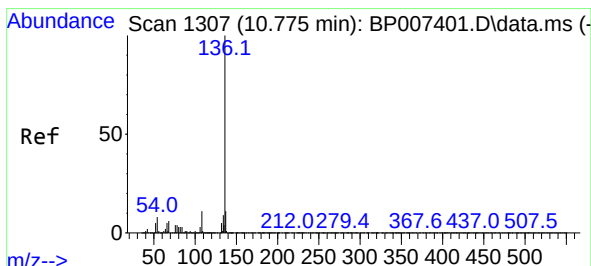
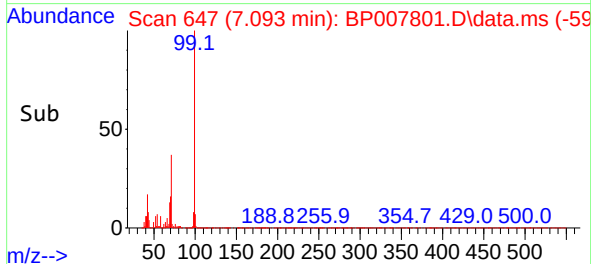
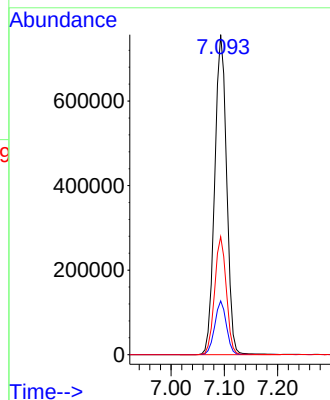
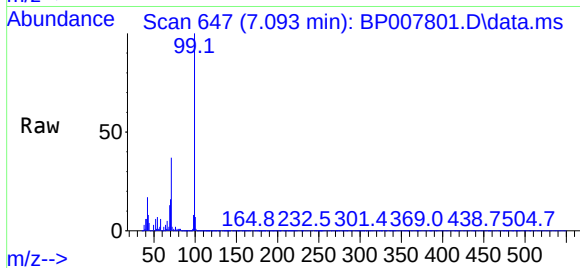


#7
Phenol-d6
Concen: 78.904 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

Tgt Ion: 99 Resp: 1178221

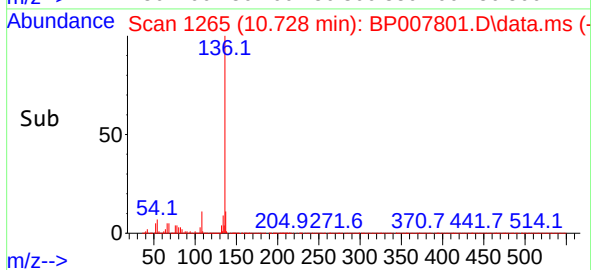
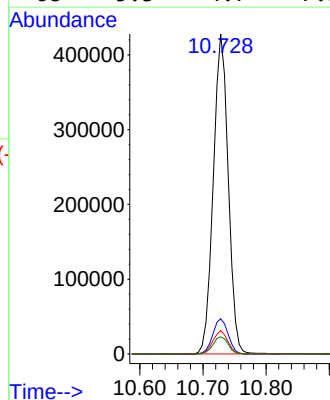
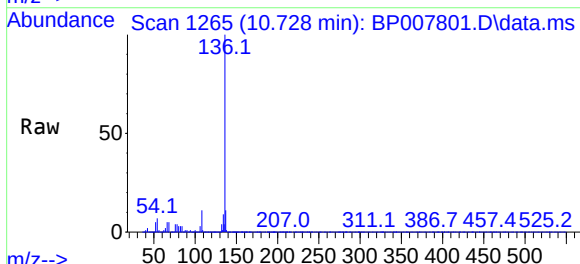
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	36.8	29.2	43.8

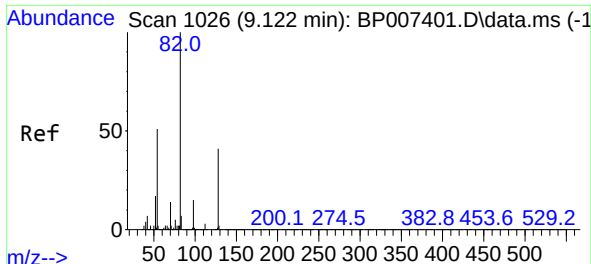


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion: 136 Resp: 702529

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.3	6.2	9.4
68	5.3	4.7	7.1





#23

Nitrobenzene-d5

Concen: 62.318 ng

RT: 9.081 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP007801.D

Acq: 01 Nov 2021 20:39

Instrument :

BNA_P

ClientSampleId :

T2-EP04-S

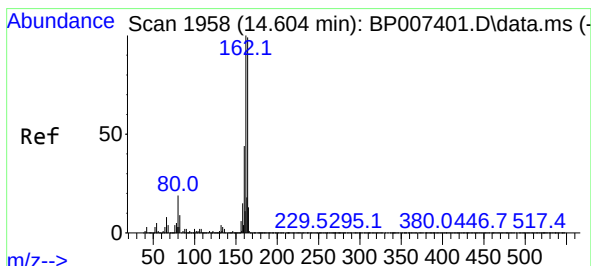
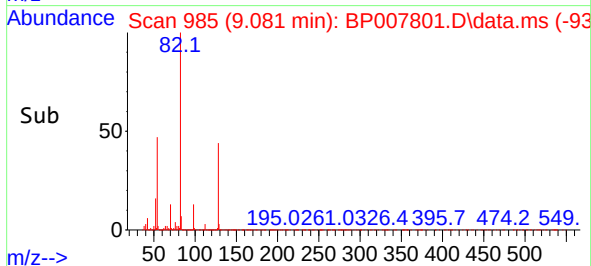
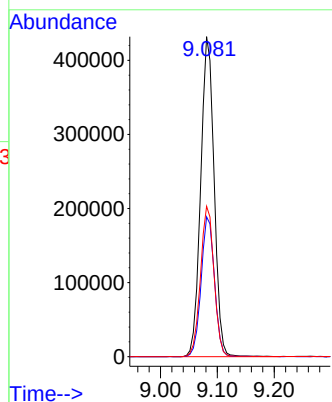
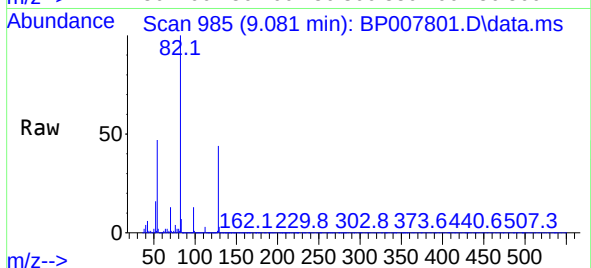
Tgt Ion: 82 Resp: 709410

Ion Ratio Lower Upper

82 100

128 43.7 32.6 48.8

54 47.0 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP007801.D

Acq: 01 Nov 2021 20:39

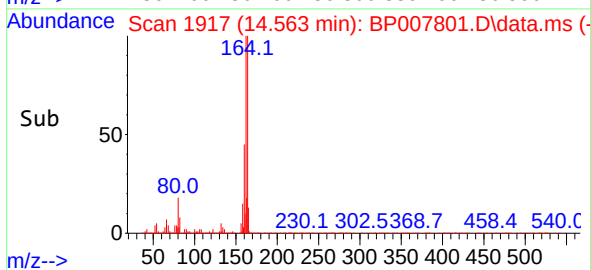
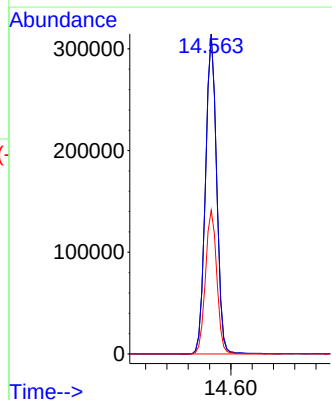
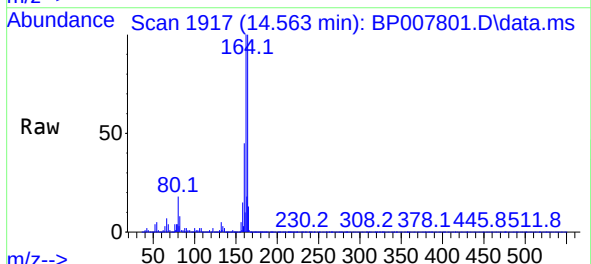
Tgt Ion: 164 Resp: 455627

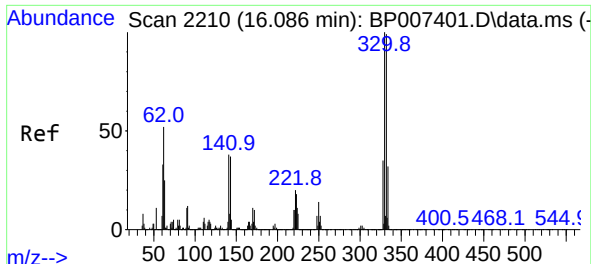
Ion Ratio Lower Upper

164 100

162 99.8 81.1 121.7

160 44.9 36.0 54.0

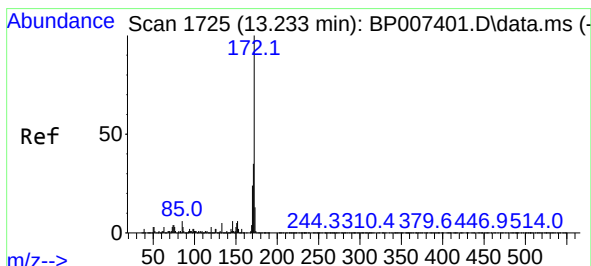
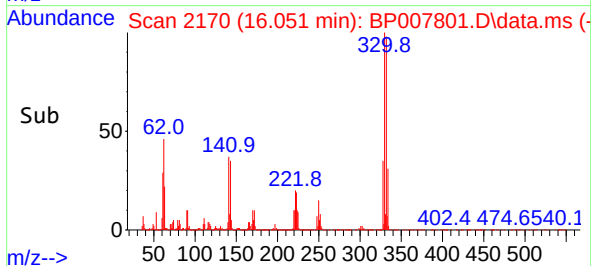
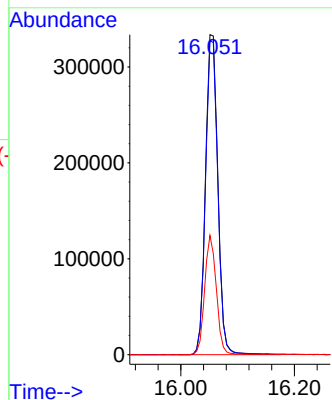
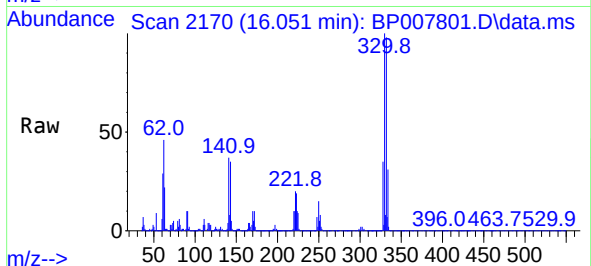




#42
2,4,6-Tribromophenol
Concen: 106.337 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

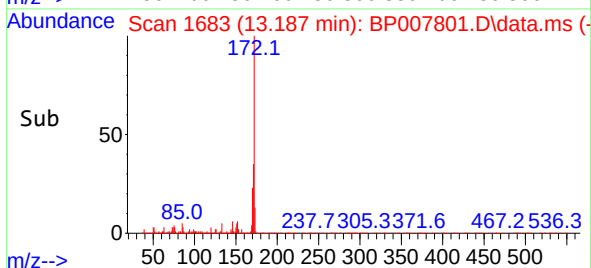
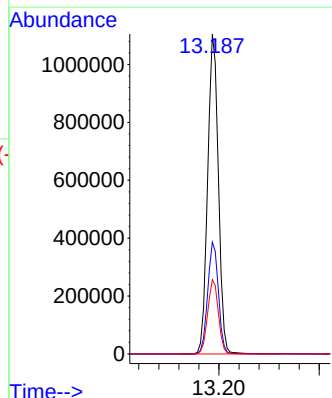
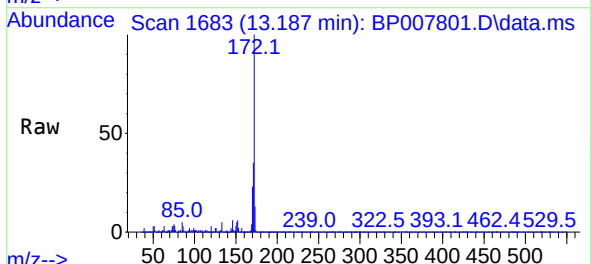
Instrument :
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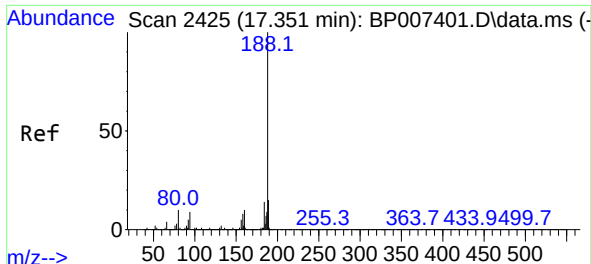
Tgt Ion:330 Resp: 502902
Ion Ratio Lower Upper
330 100
332 97.3 78.9 118.3
141 35.1 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 55.120 ng
RT: 13.187 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:172 Resp: 1643051
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.2 19.0 28.4

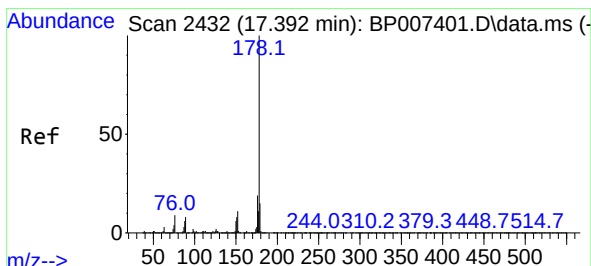
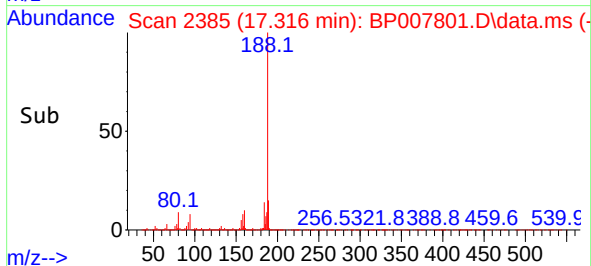
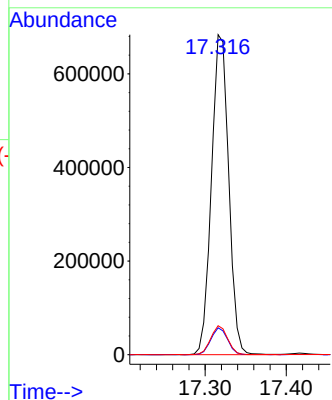
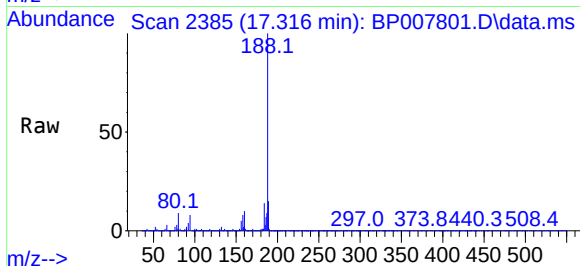




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

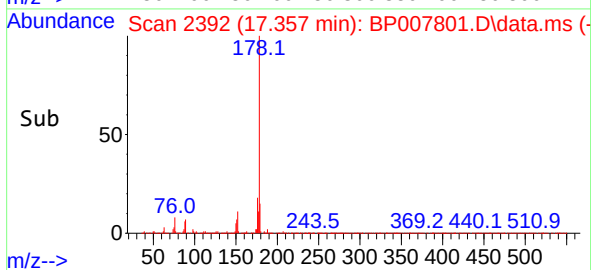
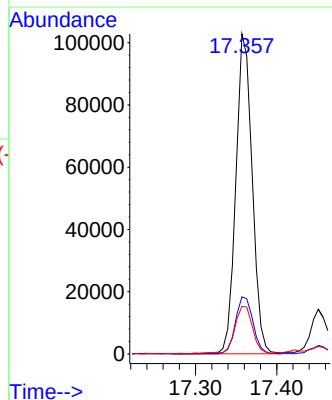
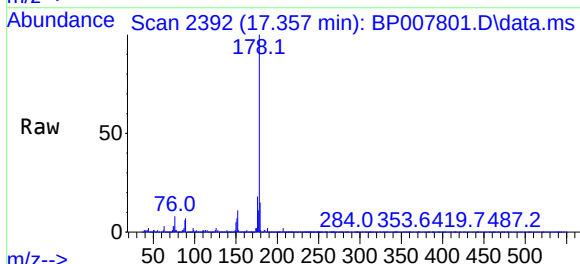
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ClientSampleId :
T2-EP04-S

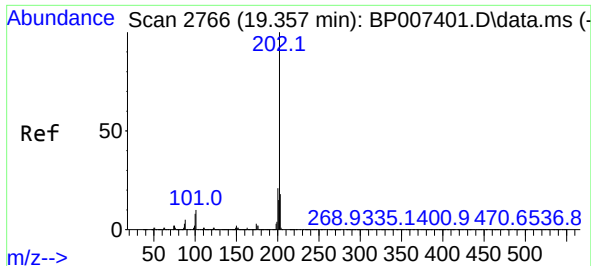
Tgt Ion:188 Resp: 1006591
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.0 7.8 11.6



#71
Phenanthrene
Concen: 2.758 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:178 Resp: 143444
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 14.9 12.3 18.5

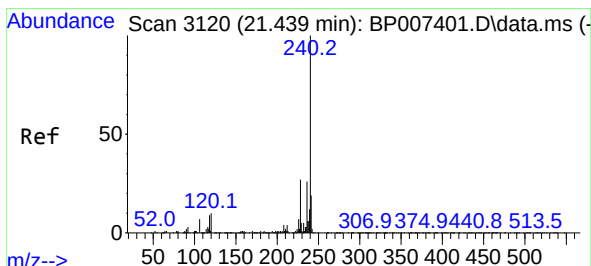
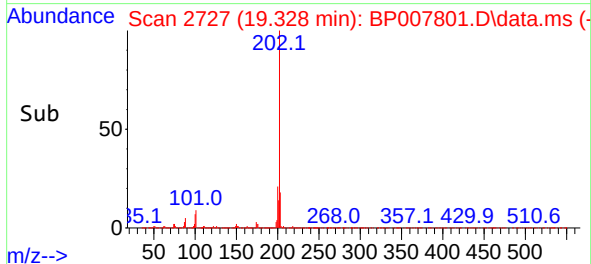
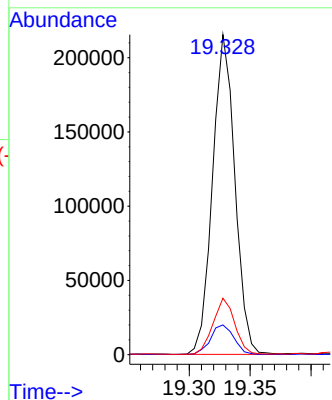
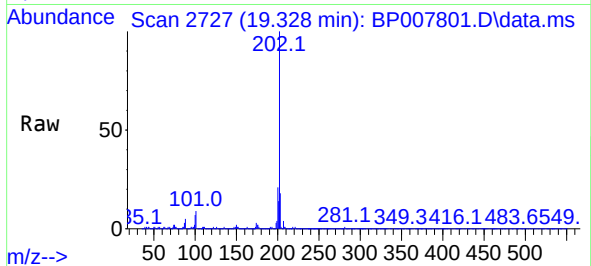




#75
Fluoranthene
Concen: 4.361 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

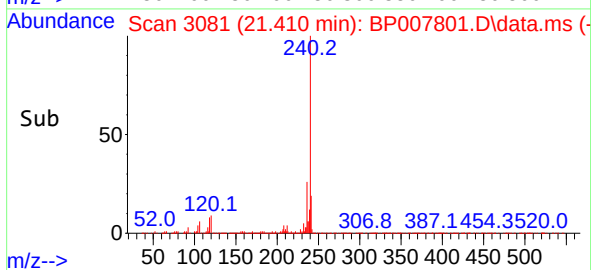
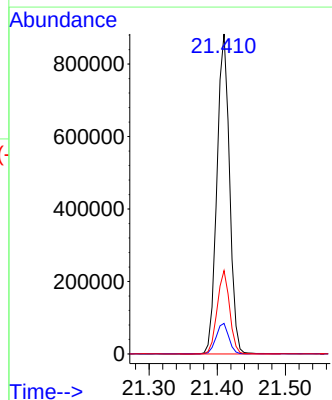
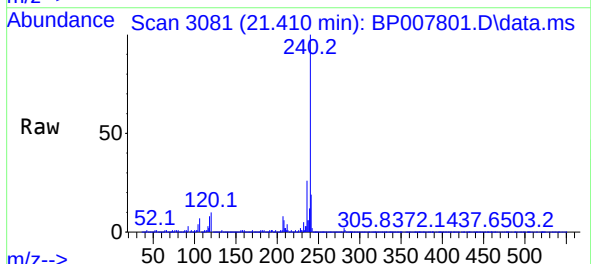
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

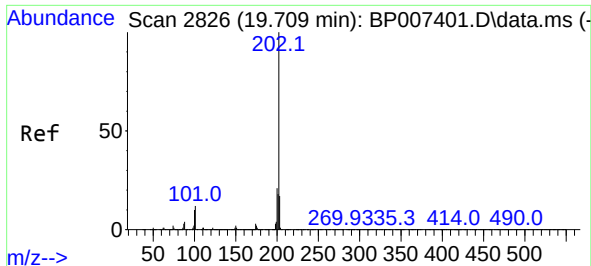
Tgt Ion:	202	Resp:	274971
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.4
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:	240	Resp:	1133911
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.8
236	26.1	20.6	30.8

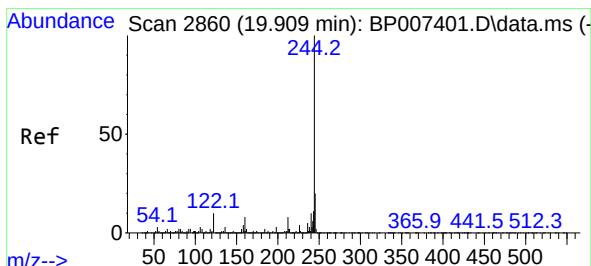
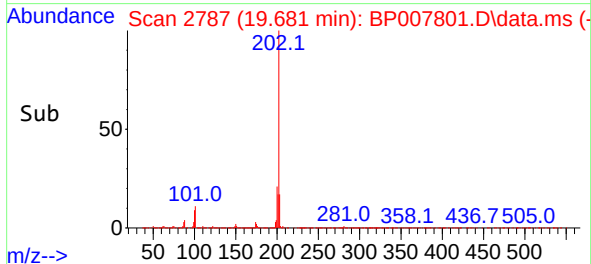
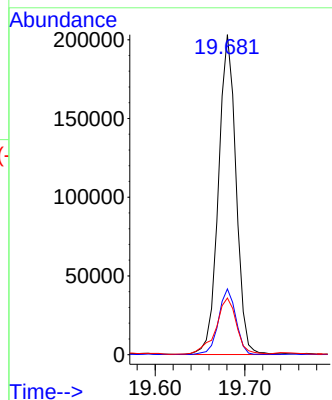
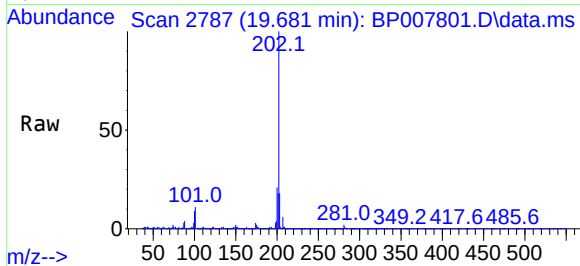




#78
Pyrene
Concen: 3.680 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

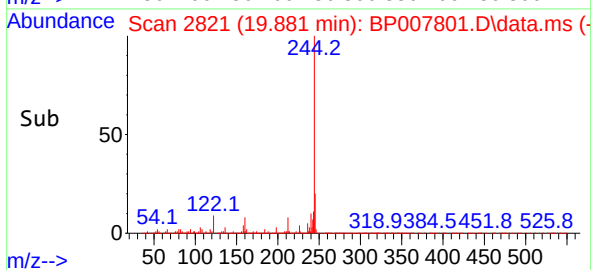
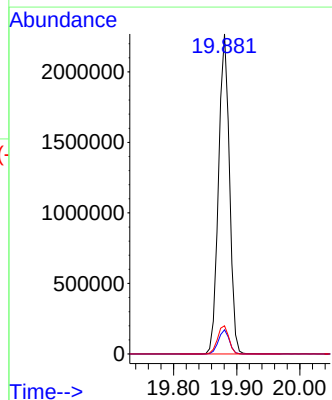
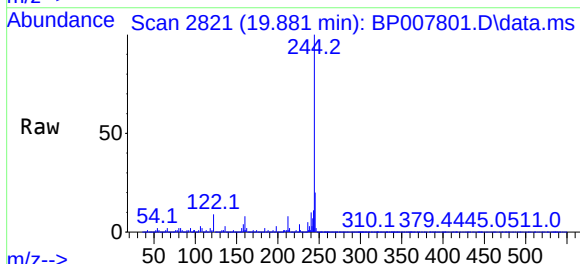
Instrument :
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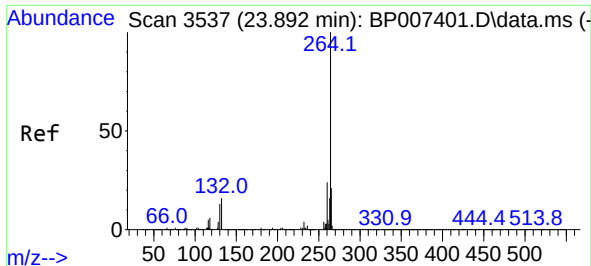
Tgt Ion:202 Resp: 276514
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.7 13.8 20.6



#79
Terphenyl-d14
Concen: 48.462 ng
RT: 19.881 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:244 Resp: 2713122
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 8.8 7.8 11.8

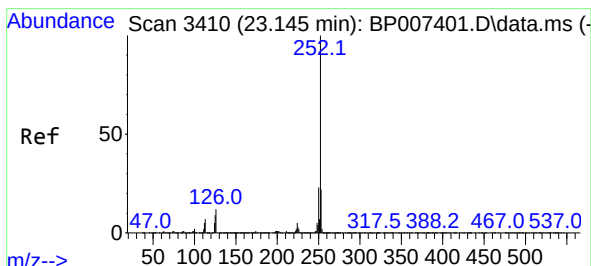
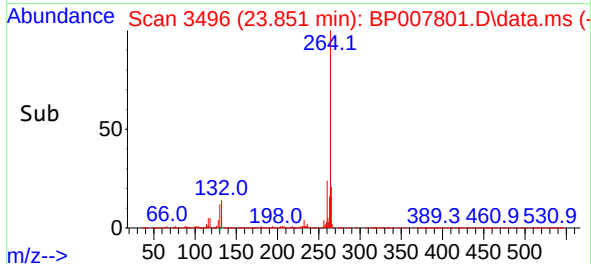
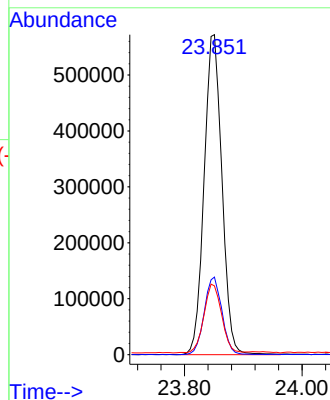
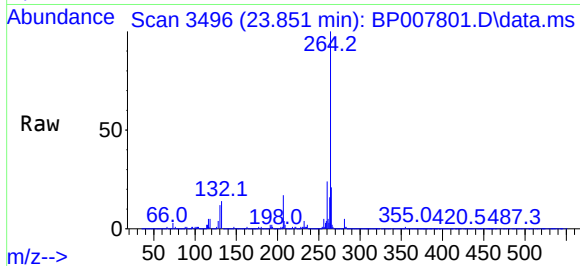




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

Tgt Ion:264 Resp: 1204502
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 21.5 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.302 ng
RT: 23.110 min Scan# 3370
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:252 Resp: 164438
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.1 7.4 11.0

