

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007938.D
 Acq On : 11 Nov 2021 01:36
 Operator : CG/JU
 Sample : M4577-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4

Quant Time: Nov 11 10:21:07 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 09 10:45:24 2021
 Response via : Initial Calibration

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

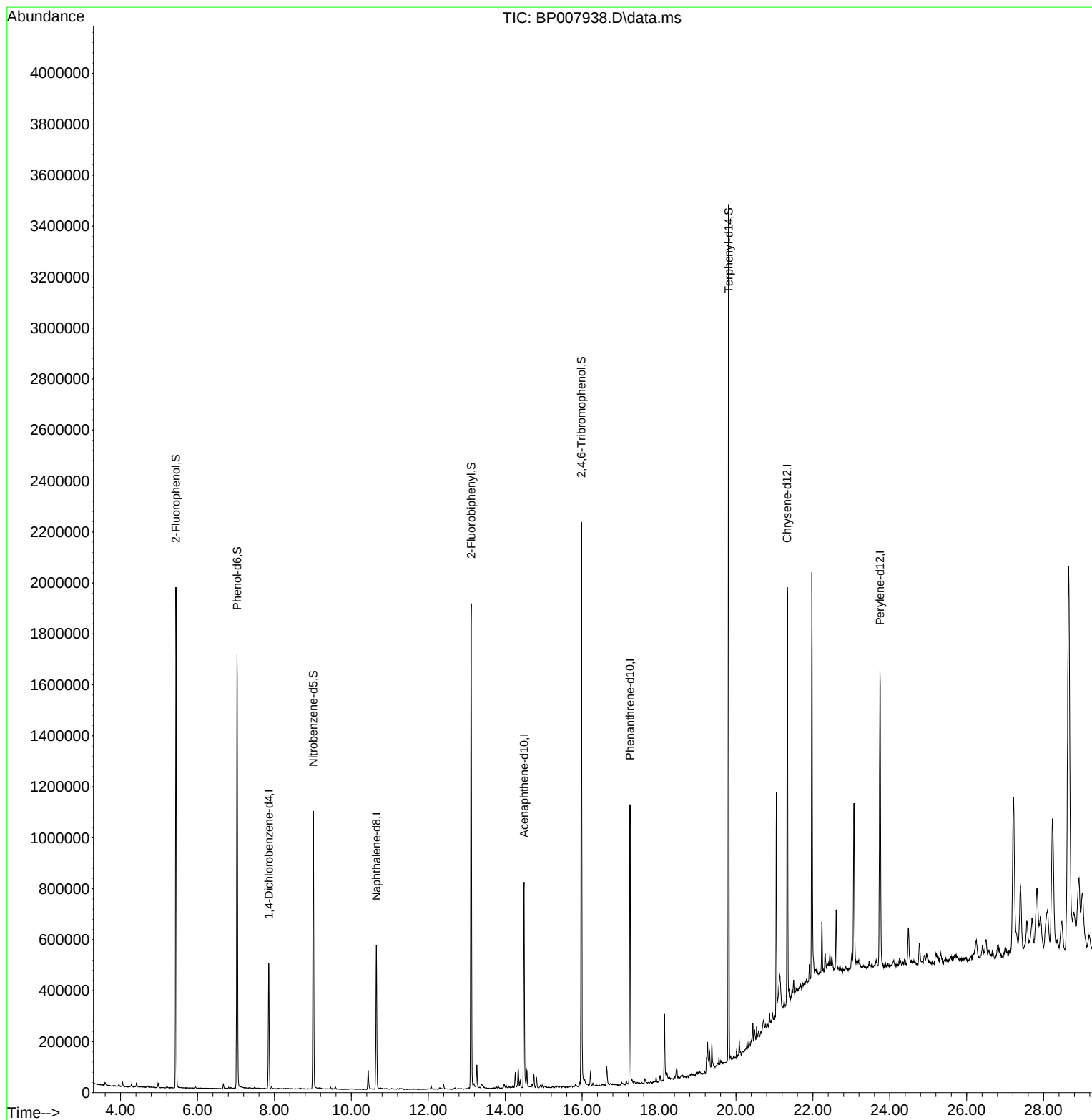
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	132556	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	452240	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	292985	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	675875	20.000	ng	#-0.01
76) Chrysene-d12	21.333	240	835545	20.000	ng	-0.02
86) Perylene-d12	23.745	264	913330	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	808274	103.411	ng	0.00
7) Phenol-d6	7.028	99	956330	84.534	ng	-0.01
23) Nitrobenzene-d5	9.010	82	600540	71.332	ng	-0.02
42) 2,4,6-Tribromophenol	15.981	330	458126	109.565	ng	-0.02
45) 2-Fluorobiphenyl	13.116	172	997455	49.578	ng	-0.01
79) Terphenyl-d14	19.810	244	1590972	38.773	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.322	88	263	Below Cal	Qvalue #	1

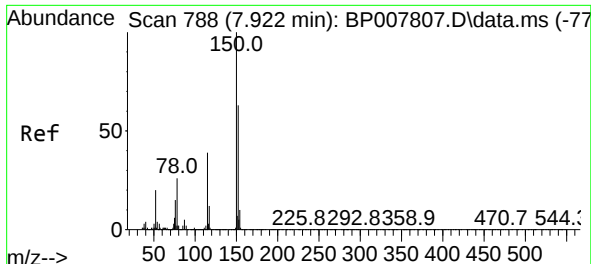
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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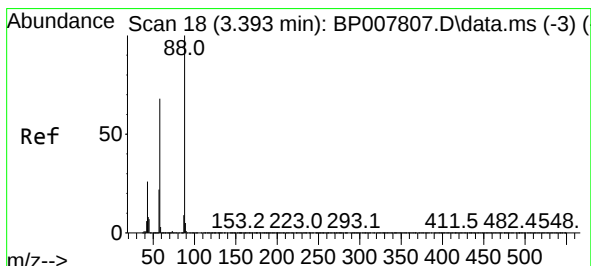
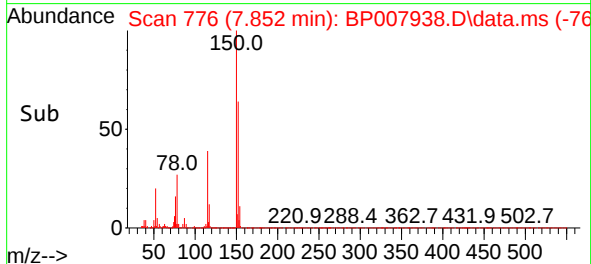
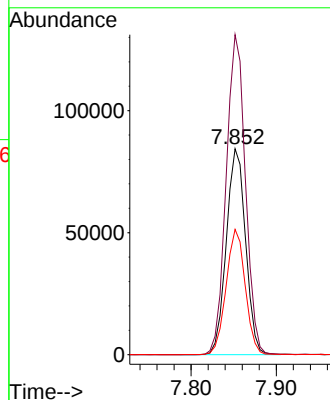
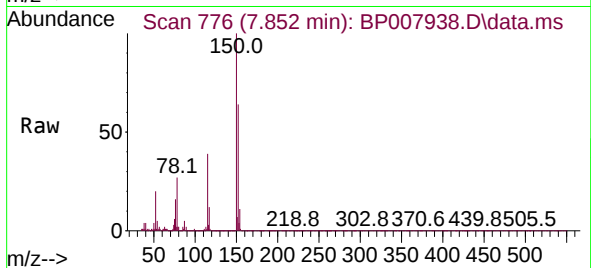




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

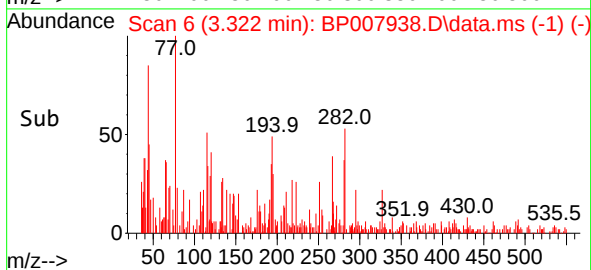
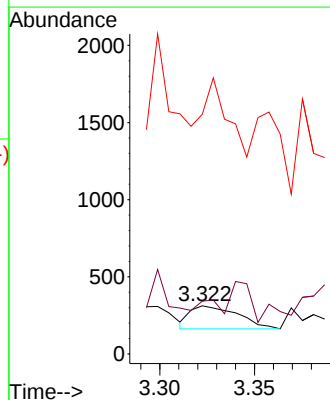
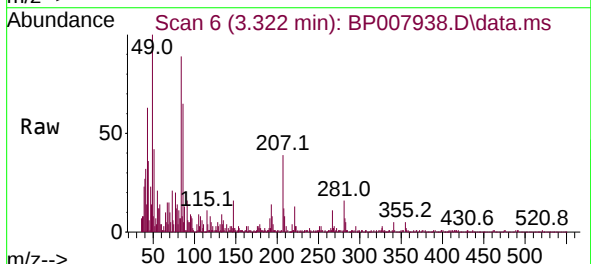
Instrument :
BNA_P
ClientSampleId :
SB-4

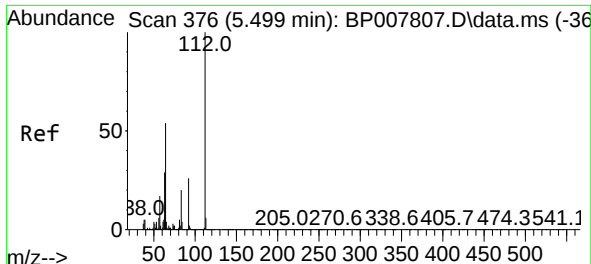
Tgt Ion:152 Resp: 132556
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.9 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.322 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
58 0.0 58.1 87.1#
43 168.1 22.2 33.4#

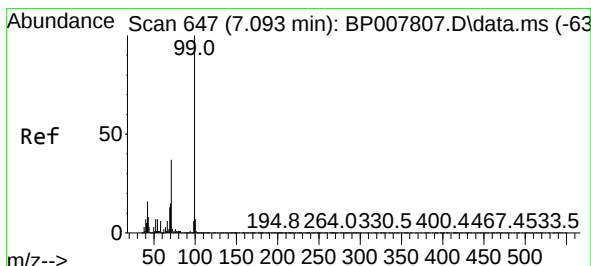
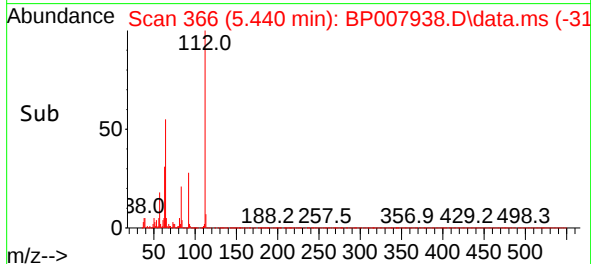
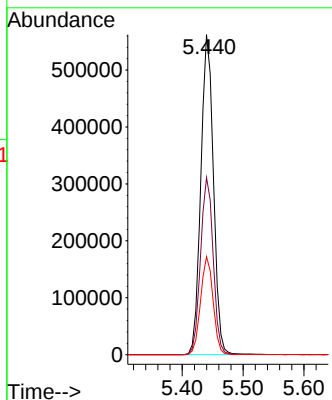
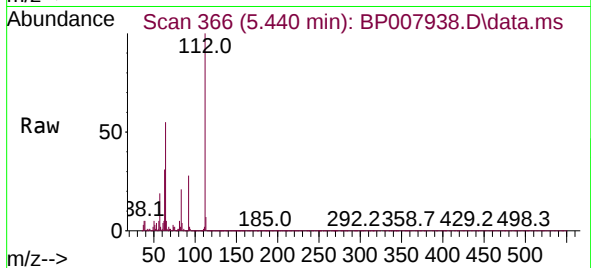




#5
2-Fluorophenol
Concen: 103.411 ng
RT: 5.440 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

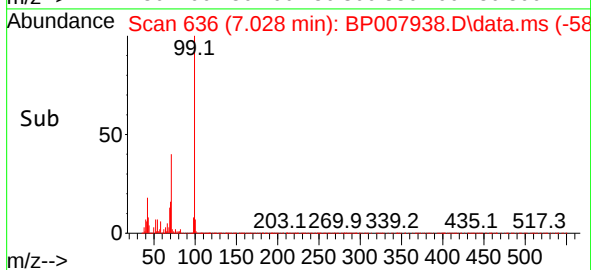
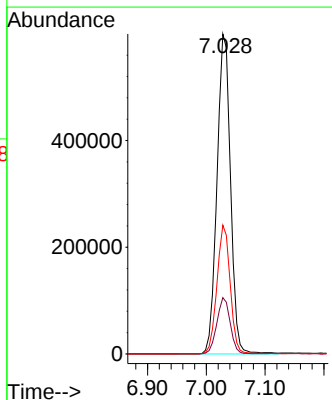
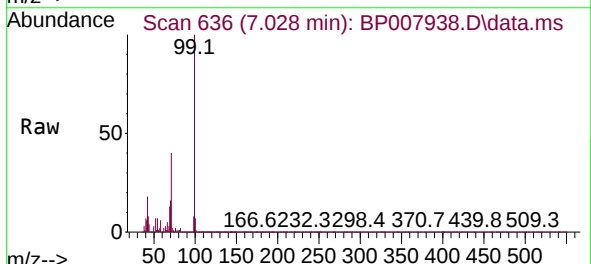
Instrument :
BNA_P
ClientSampleId :
SB-4

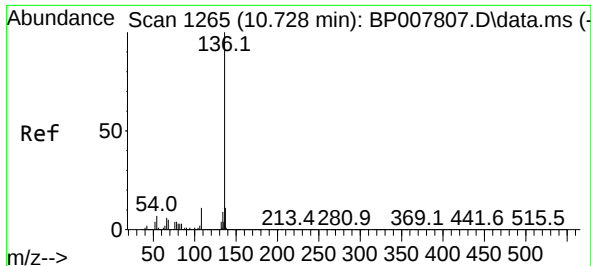
Tgt Ion:112 Resp: 808274
Ion Ratio Lower Upper
112 100
64 55.3 46.6 70.0
63 30.7 25.0 37.6



#7
Phenol-d6
Concen: 84.534 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

Tgt Ion: 99 Resp: 956330
Ion Ratio Lower Upper
99 100
42 17.6 14.9 22.3
71 40.2 29.2 43.8

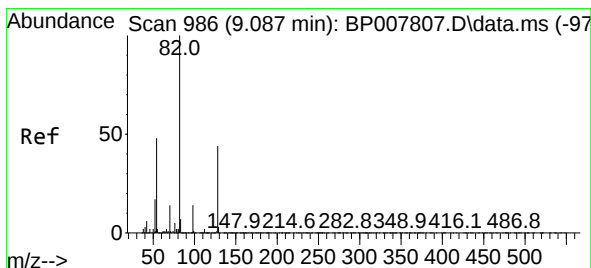
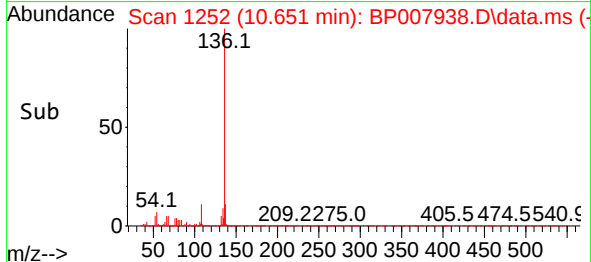
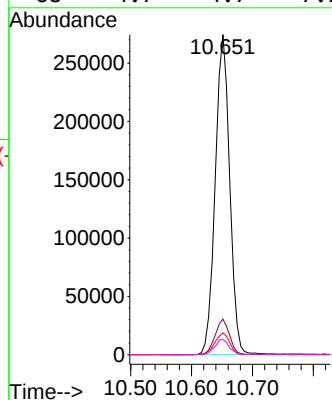
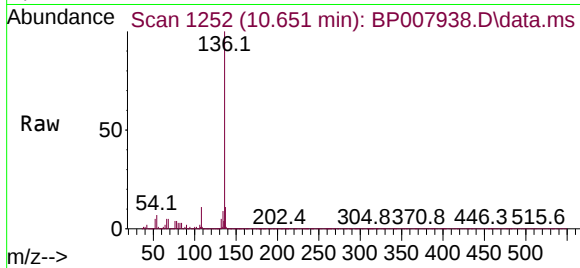




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

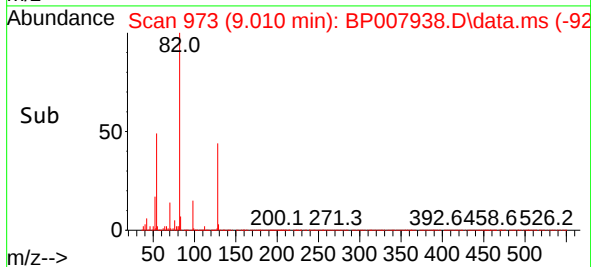
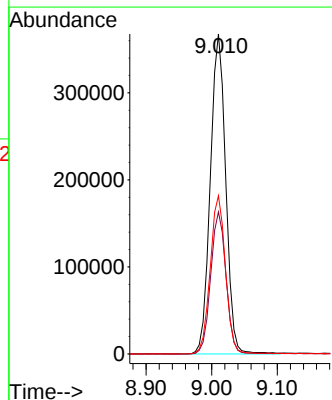
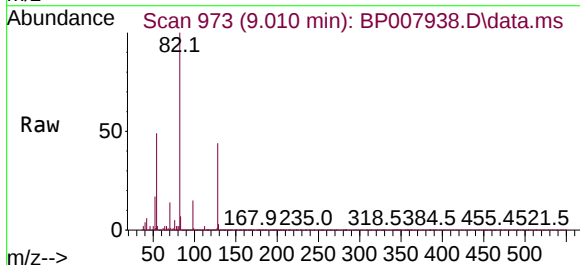
Instrument :
BNA_P
ClientSampleId :
SB-4

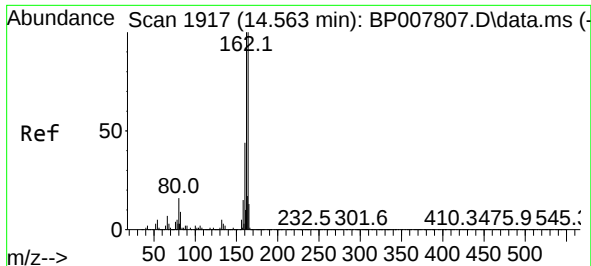
Tgt Ion:	136	Resp:	452240
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.8	6.2	9.4
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.332 ng
RT: 9.010 min Scan# 973
Delta R.T. -0.018 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

Tgt Ion:	82	Resp:	600540
Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.6	48.8
54	49.4	40.4	60.6

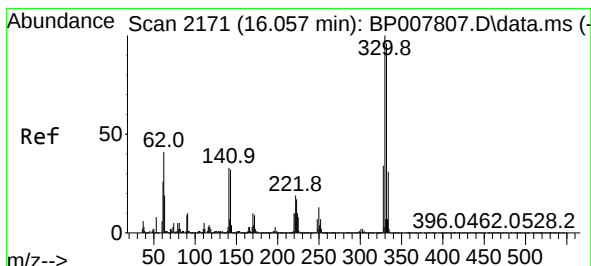
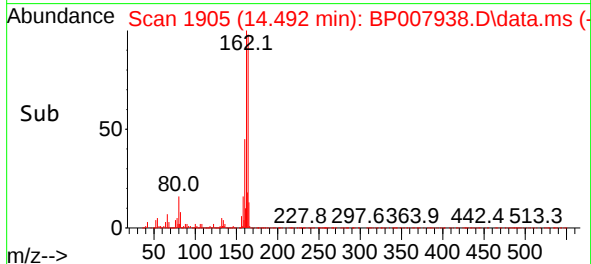
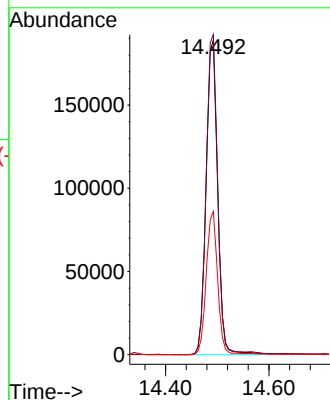
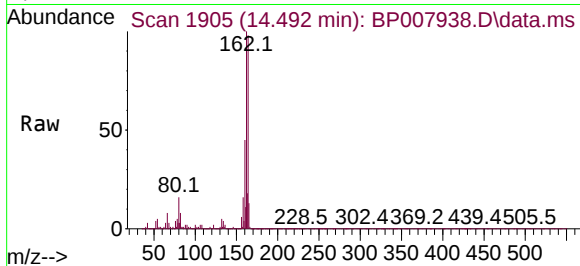




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

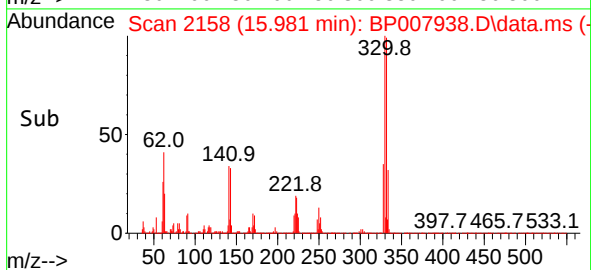
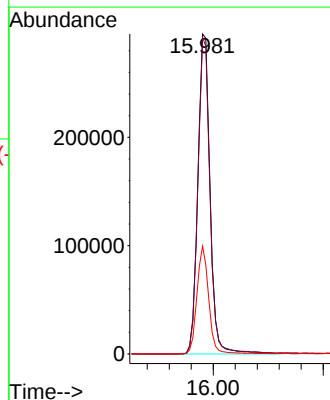
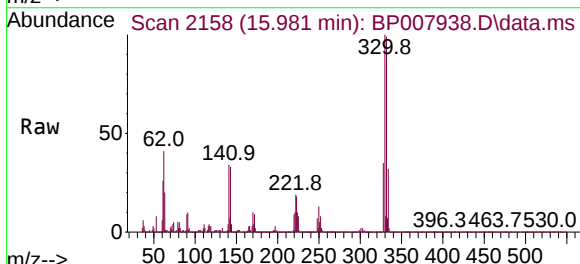
Instrument :
BNA_P
ClientSampleId :
SB-4

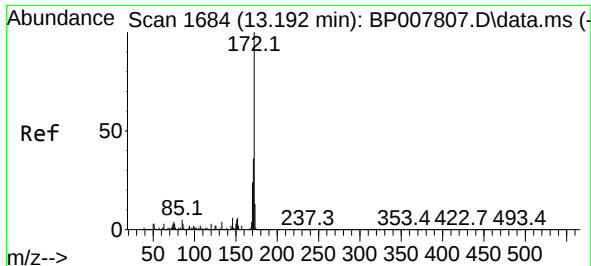
Tgt Ion:164 Resp: 292985
Ion Ratio Lower Upper
164 100
162 101.8 81.1 121.7
160 45.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 109.565 ng
RT: 15.981 min Scan# 2158
Delta R.T. -0.018 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

Tgt Ion:330 Resp: 458126
Ion Ratio Lower Upper
330 100
332 97.8 78.9 118.3
141 32.3 30.7 46.1

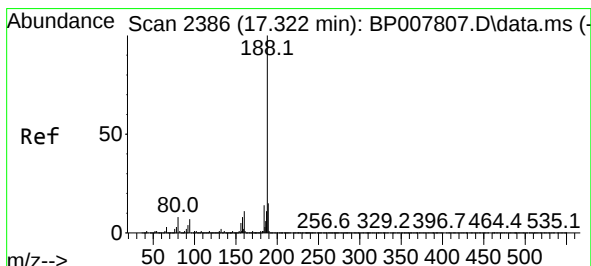
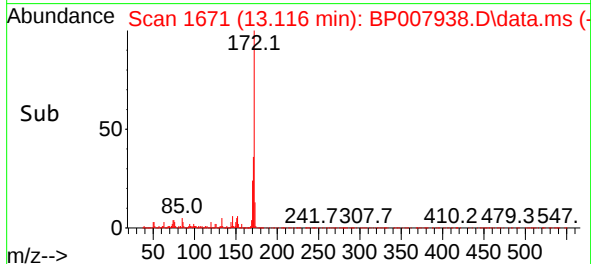
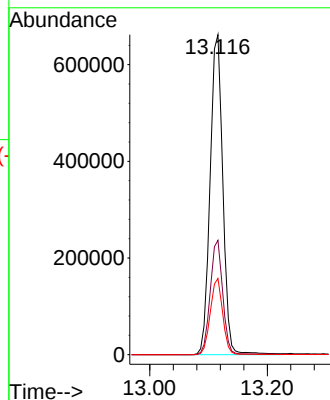
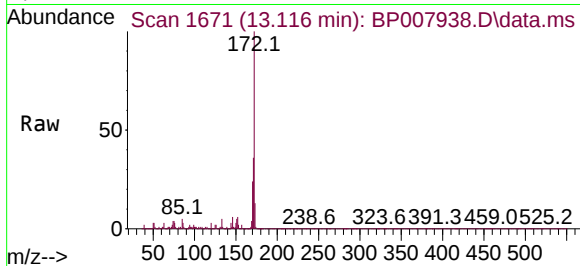




#45
2-Fluorobiphenyl
Concen: 49.578 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

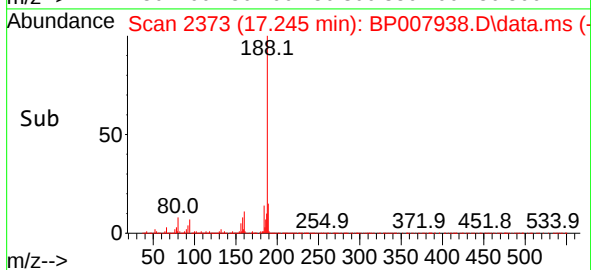
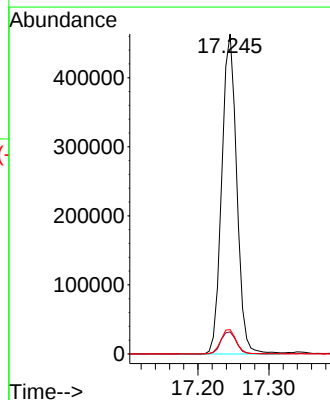
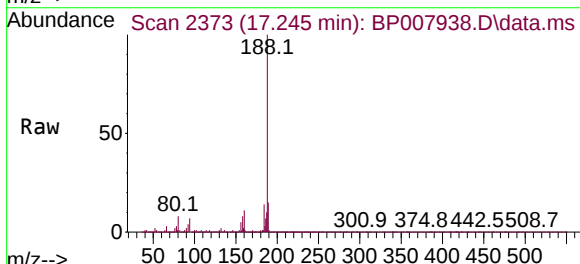
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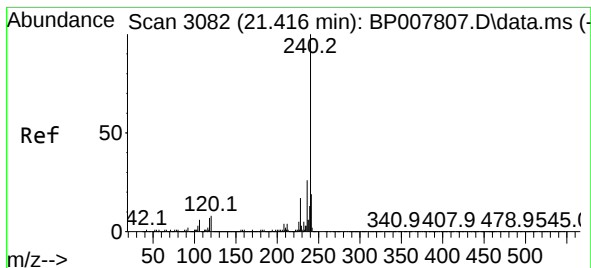
Tgt Ion:172 Resp: 997455
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.8 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP007938.D
Acq: 11 Nov 2021 01:36

Tgt Ion:188 Resp: 675875
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.6 7.8 11.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP007938.D

Acq: 11 Nov 2021 01:36

Instrument :

BNA_P

ClientSampleId :

SB-4

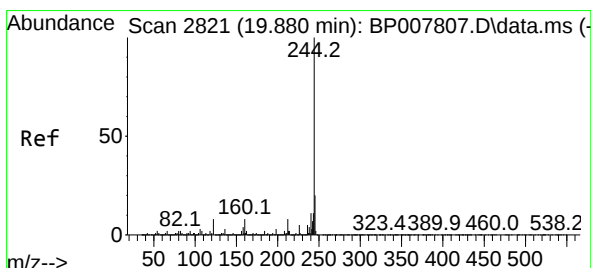
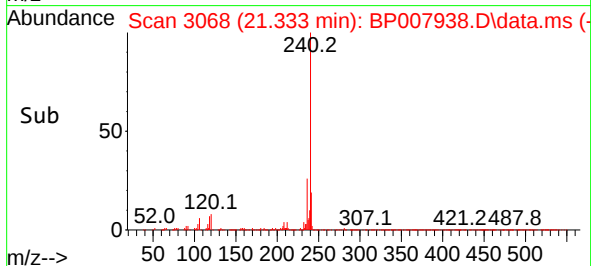
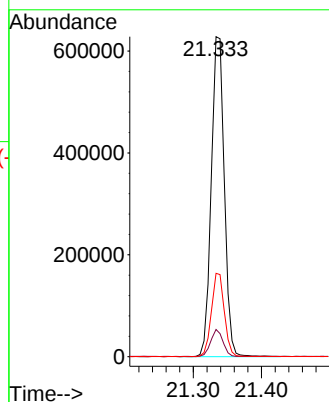
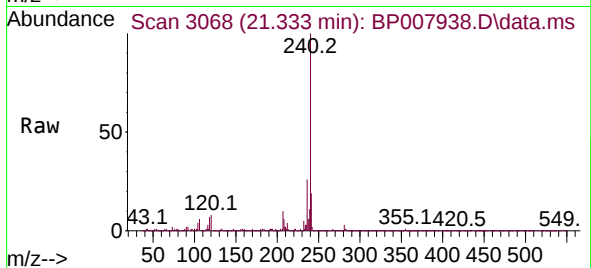
Tgt Ion:240 Resp: 835545

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.8

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 38.773 ng

RT: 19.810 min Scan# 2809

Delta R.T. -0.012 min

Lab File: BP007938.D

Acq: 11 Nov 2021 01:36

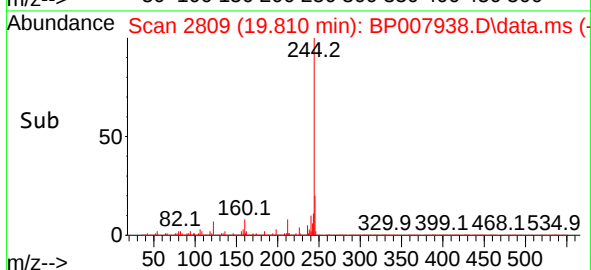
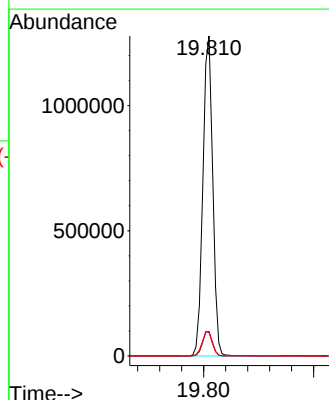
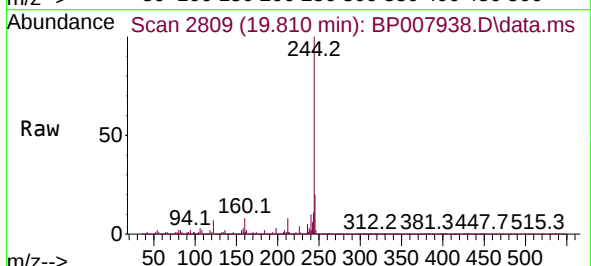
Tgt Ion:244 Resp: 1590972

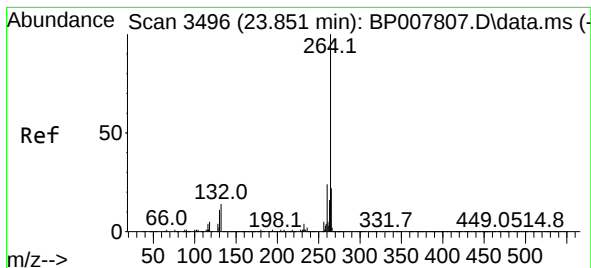
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 34

Delta R.T. -0.024 min

Lab File: BP007938.D

Acq: 11 Nov 2021 01:36

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 913330

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.4 16.7 25.1

