

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007871.D
 Acq On : 08 Nov 2021 20:57
 Operator : CG/JU
 Sample : M4576-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(9-9.5)

Quant Time: Nov 09 08:45:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 08 16:36:40 2021
 Response via : Initial Calibration

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

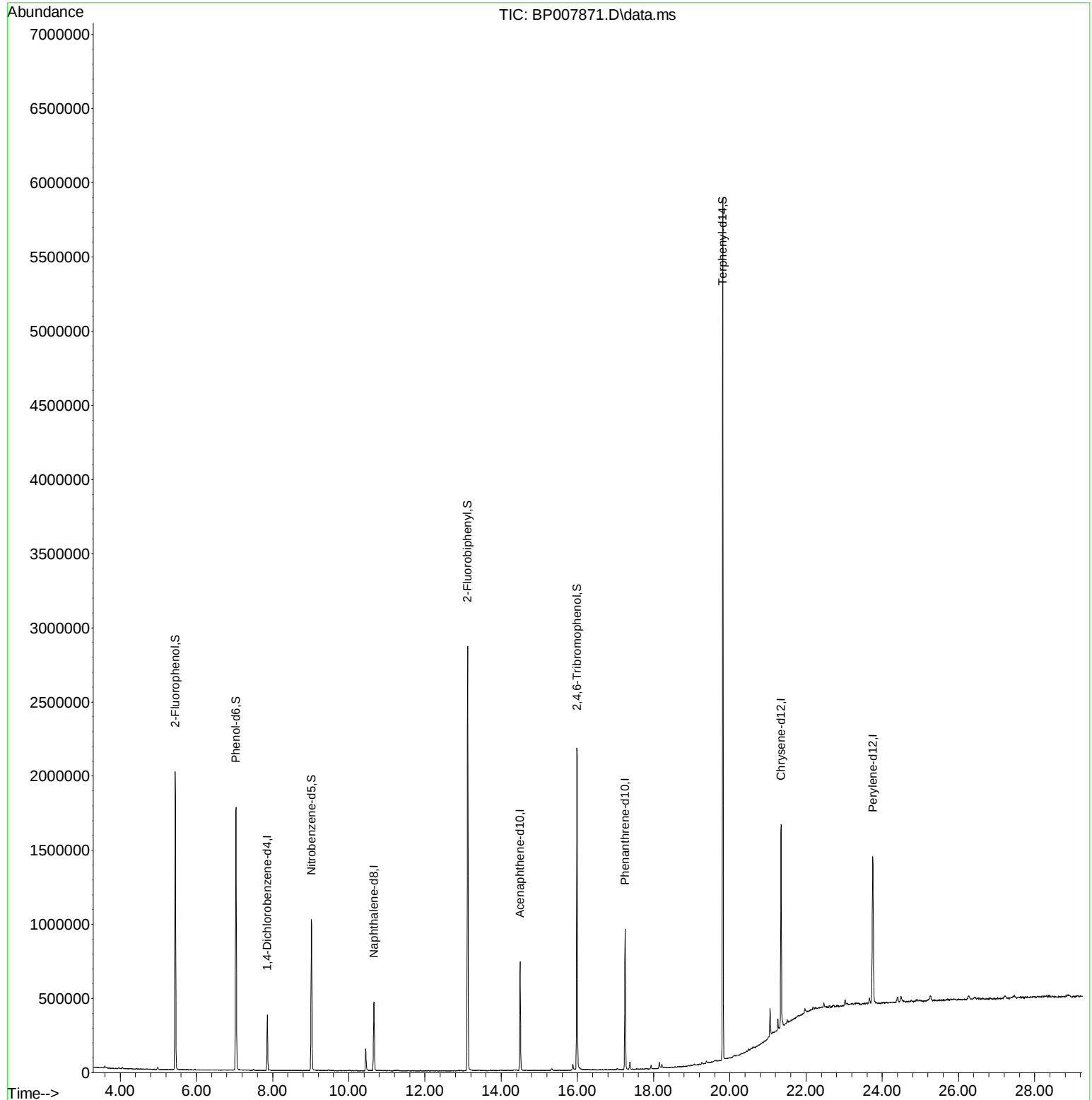
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	104230	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	387983	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	252383	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	564722	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	672613	20.00	ng	0.00
86) Perylene-d12	23.750	264	733331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	850791	138.43	ng	0.00
7) Phenol-d6	7.040	99	1035213	116.37	ng	0.00
23) Nitrobenzene-d5	9.016	82	595531	82.45	ng	-0.02
42) 2,4,6-Tribromophenol	15.992	330	424919	117.97	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1425990	82.28	ng	-0.01
79) Terphenyl-d14	19.815	244	2577493	78.03	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.357	88	263	Below Cal	Qvalue #	66

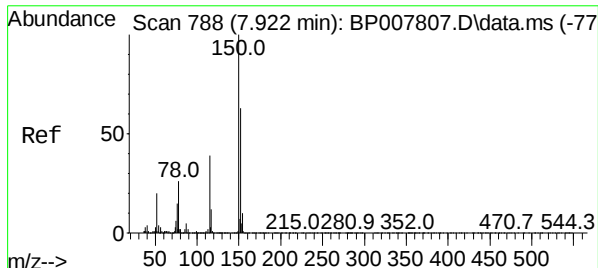
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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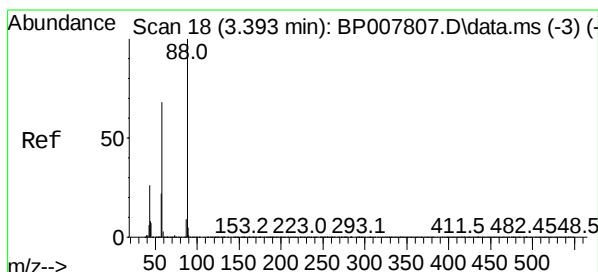
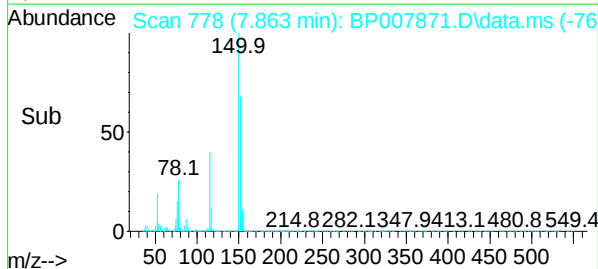
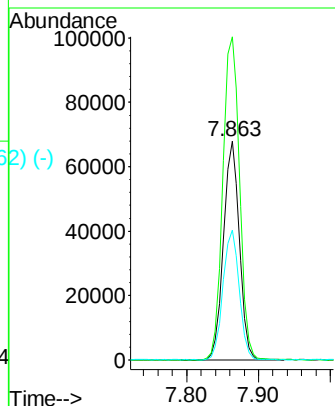
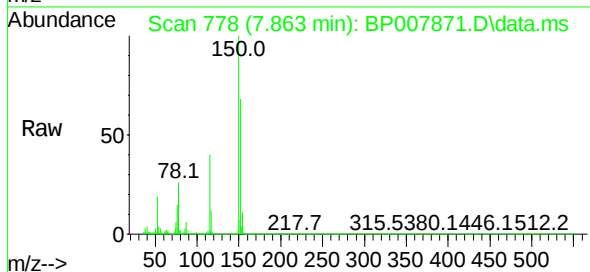




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007871.D
 Acq: 08 Nov 2021 20:57

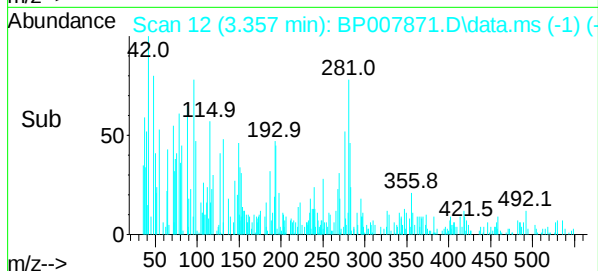
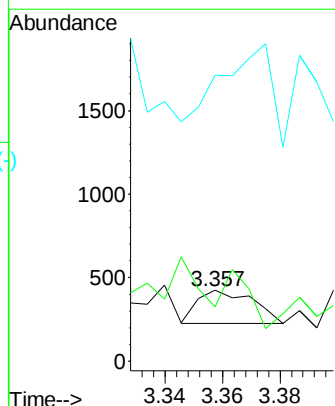
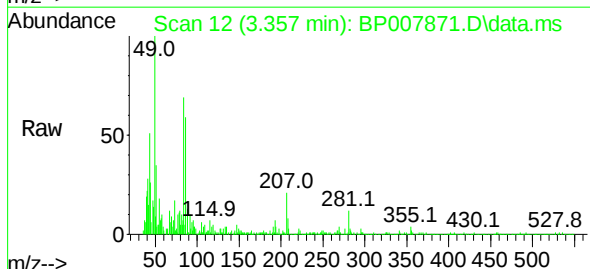
Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(9-9.5)

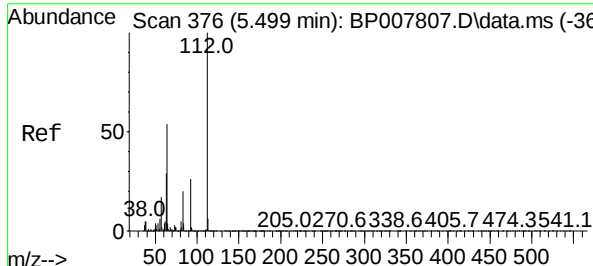
Tgt Ion:152 Resp: 104230
 Ion Ratio Lower Upper
 152 100
 150 147.5 124.1 186.1
 115 59.2 48.1 72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.357 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: BP007871.D
 Acq: 08 Nov 2021 20:57

Tgt Ion: 88 Resp: 263
 Ion Ratio Lower Upper
 88 100
 58 94.7 58.1 87.1#
 43 0.0 22.2 33.4#





2-Fluorophenol

Concen: 138.43 ng

RT: 5.446 min Scan# 367

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

Instrument :

BNA_P

ClientSampleId :

SB-2-(9-9.5)

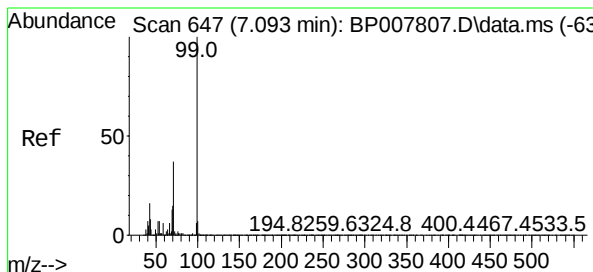
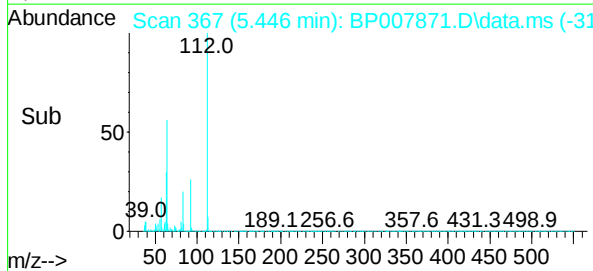
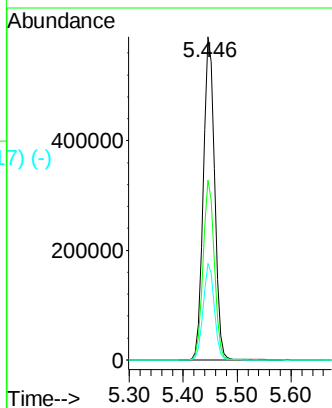
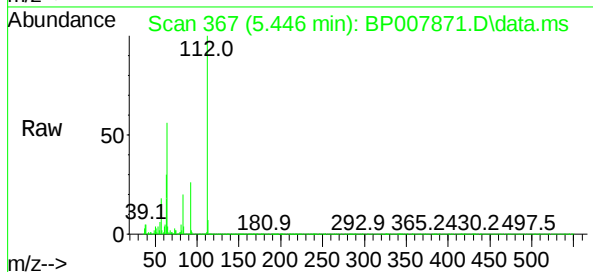
Tgt Ion: 112 Resp: 850791

Ion Ratio Lower Upper

112 100

64 55.6 46.6 70.0

63 29.8 25.0 37.6



Phenol-d6

Concen: 116.37 ng

RT: 7.040 min Scan# 638

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

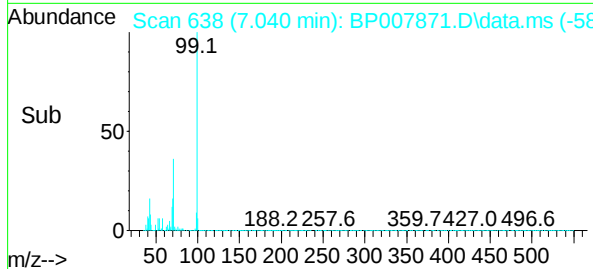
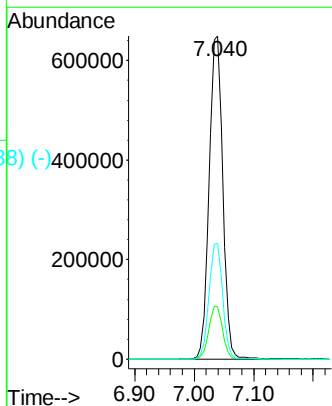
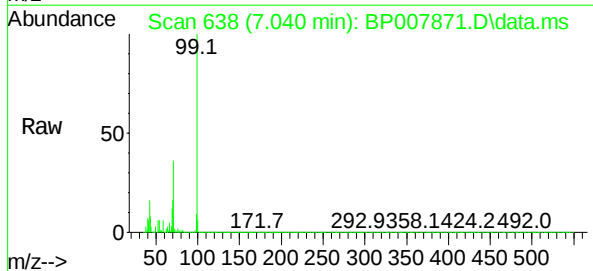
Tgt Ion: 99 Resp: 1035213

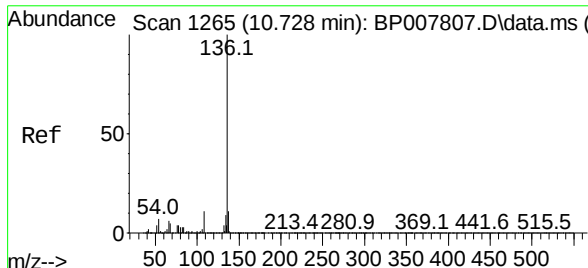
Ion Ratio Lower Upper

99 100

42 16.2 14.9 22.3

71 35.8 29.2 43.8

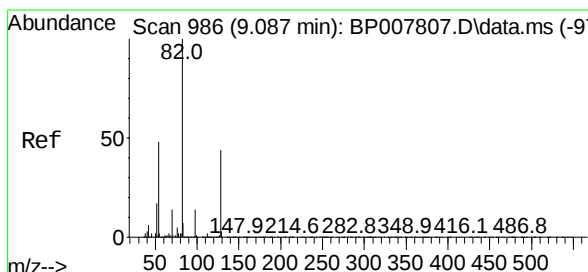
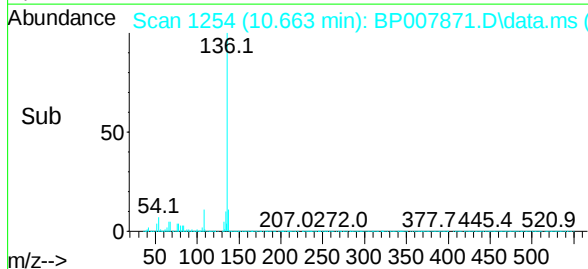
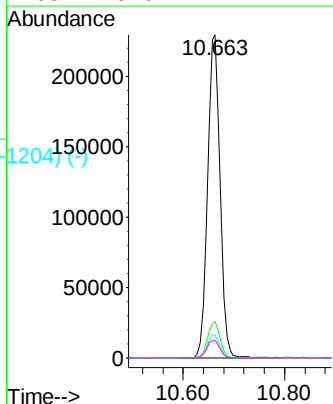
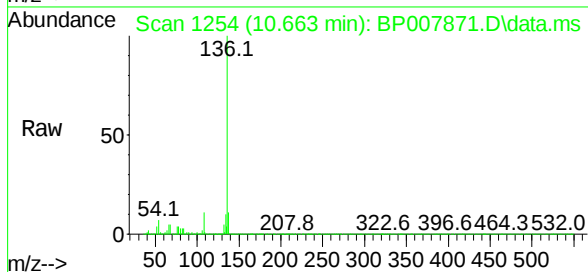




Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP007871.D
Acq: 08 Nov 2021 20:57

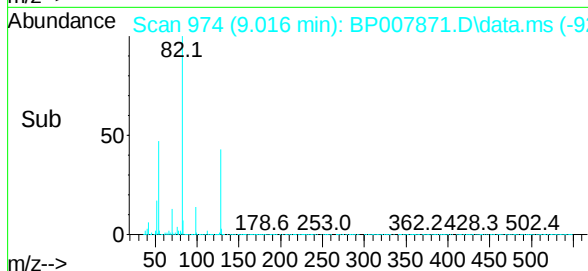
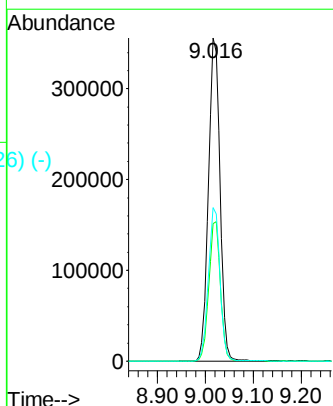
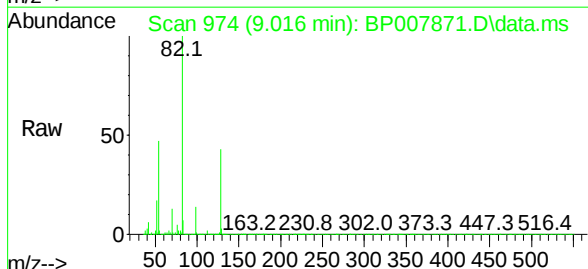
Instrument :
BNA_P
ClientSampleId :
SB-2-(9-9.5)

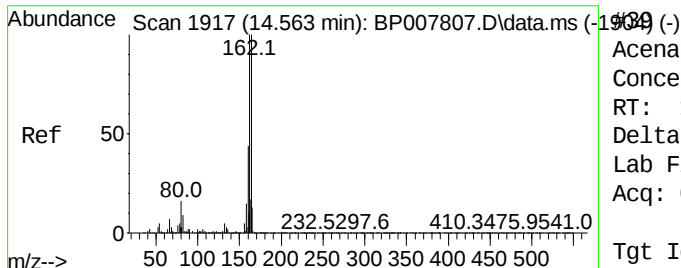
Tgt Ion:	136	Resp:	387983
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.1	6.2	9.4
68	5.5	4.7	7.1



Nitrobenzene-d5
Concen: 82.45 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.018 min
Lab File: BP007871.D
Acq: 08 Nov 2021 20:57

Tgt Ion:	82	Resp:	595531
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.6	48.8
54	47.4	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

Instrument :

BNA_P

ClientSampleId :

SB-2-(9-9.5)

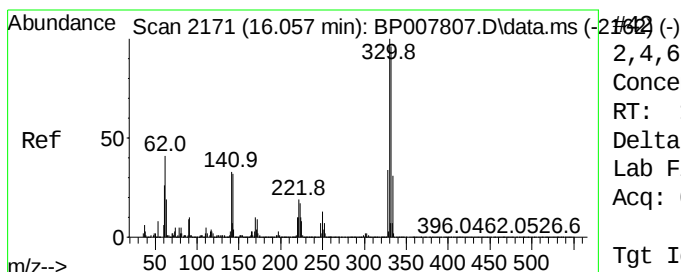
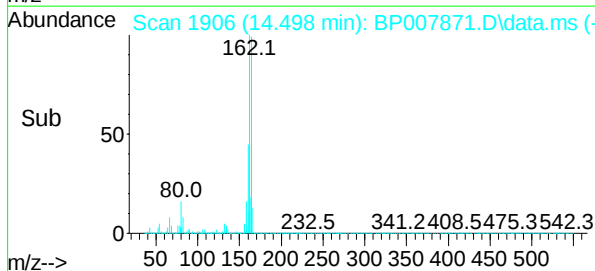
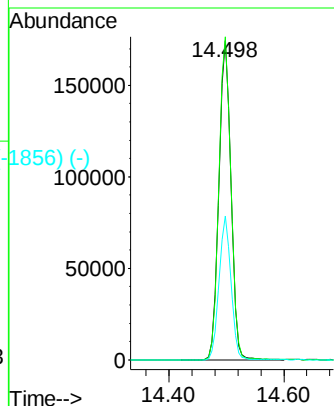
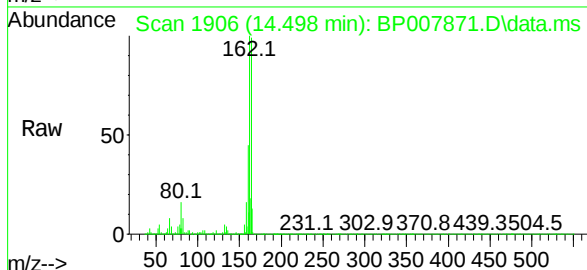
Tgt Ion:164 Resp: 252383

Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

160 45.2 36.0 54.0



2,4,6-Tribromophenol

Concen: 117.97 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

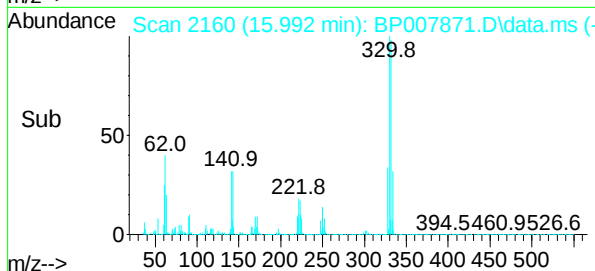
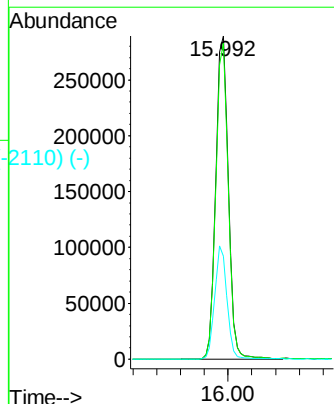
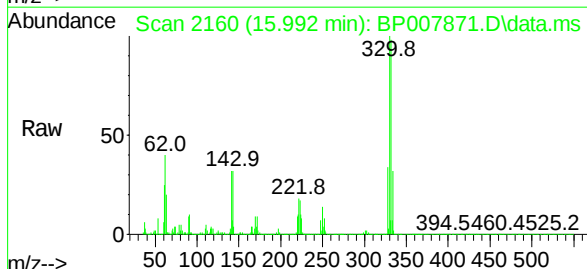
Tgt Ion:330 Resp: 424919

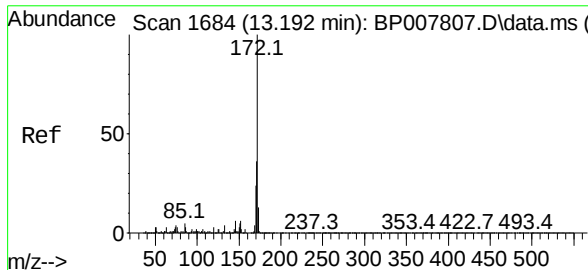
Ion Ratio Lower Upper

330 100

332 97.1 78.9 118.3

141 34.2 30.7 46.1

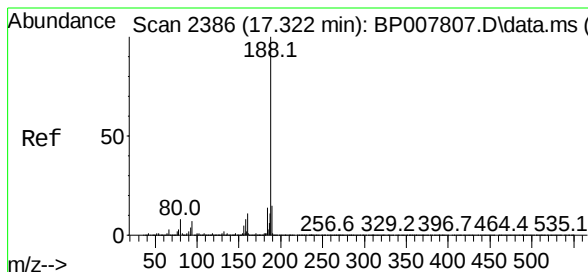
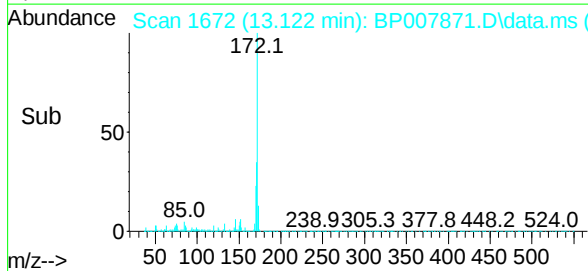
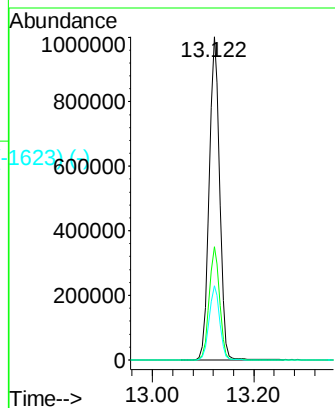
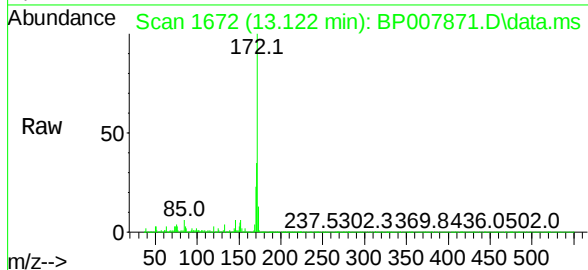




2-Fluorobiphenyl
Concen: 82.28 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007871.D
Acq: 08 Nov 2021 20:57

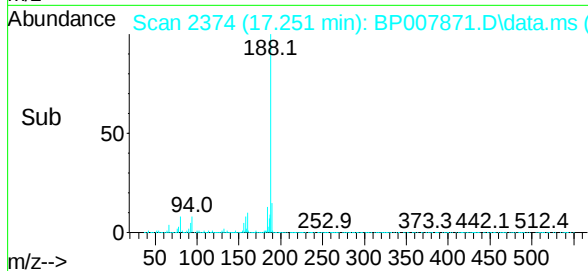
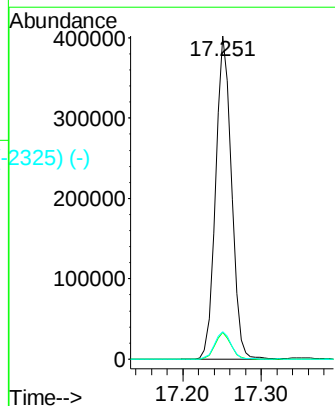
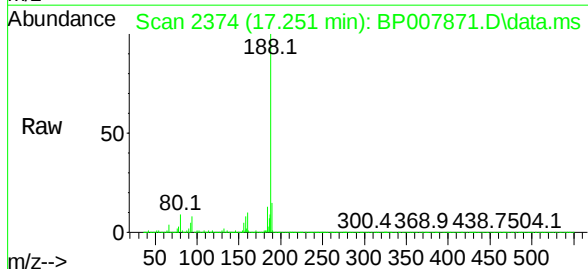
Instrument :
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ClientSampleId :
SB-2-(9-9.5)

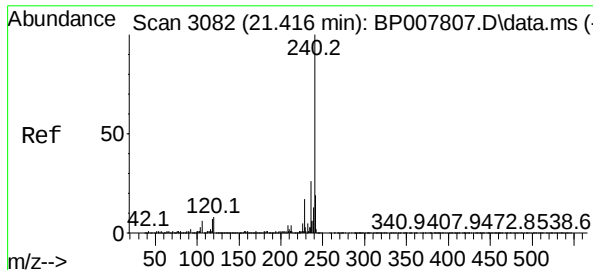
Tgt Ion:	172	Resp:	1425990
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.0	19.0	28.4



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007871.D
Acq: 08 Nov 2021 20:57

Tgt Ion:	188	Resp:	564722
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.5	7.8	11.6





Chrysene-d12

Concen: 20.00 ng

RT: 21.345 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

Instrument :

BNA_P

ClientSampleId :

SB-2-(9-9.5)

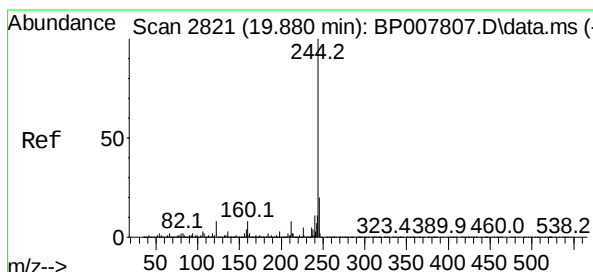
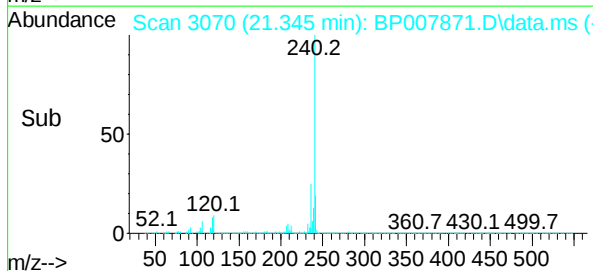
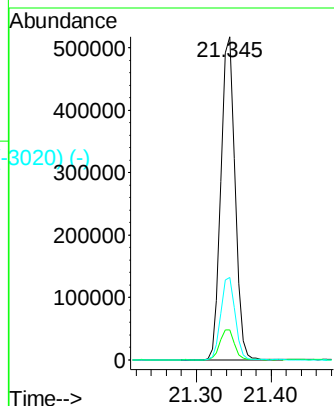
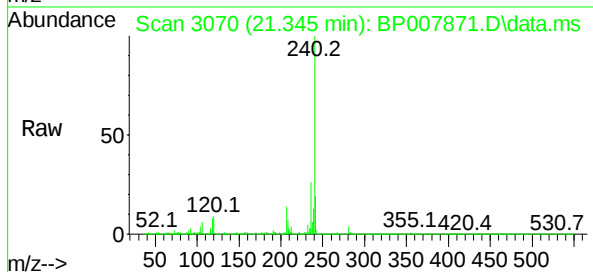
Tgt Ion:240 Resp: 672613

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.8

236 25.5 20.6 30.8



Terphenyl-d14

Concen: 78.03 ng

RT: 19.815 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007871.D

Acq: 08 Nov 2021 20:57

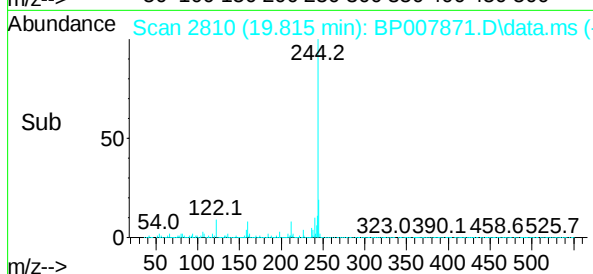
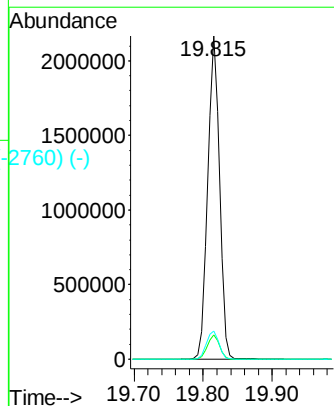
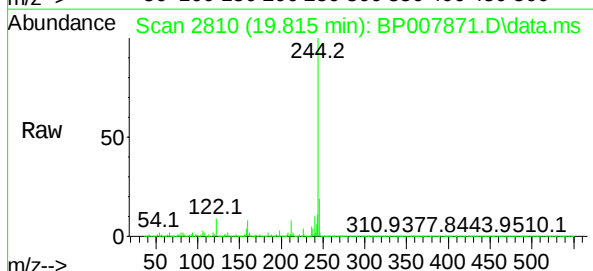
Tgt Ion:244 Resp: 2577493

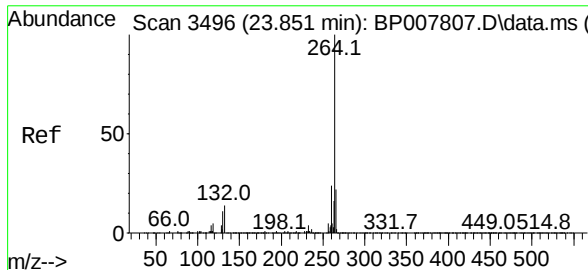
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 8.8 7.8 11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.750 min Scan# 486
 Delta R.T. -0.018 min
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 Acq: 08 Nov 2021 20:57

Instrument :
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Tgt Ion:264 Resp: 733331
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.7 16.7 25.1

