

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007872.D
 Acq On : 08 Nov 2021 21:31
 Operator : CG/JU
 Sample : M4475-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP02

Quant Time: Nov 09 08:46:03 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)

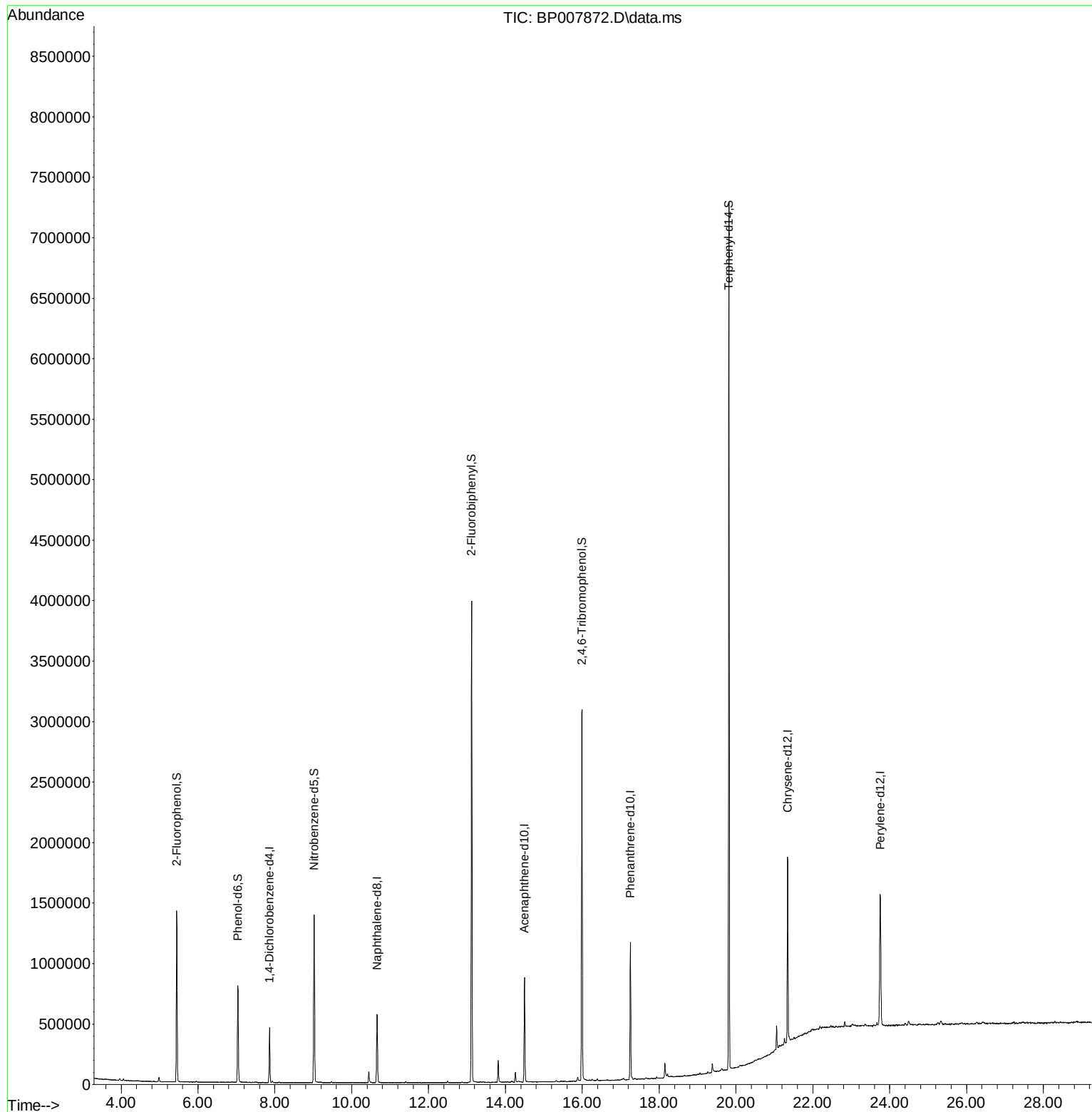
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	124124	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	476431	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	305517	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	664996	20.00	ng	-0.01
76) Chrysene-d12	21.339	240	765779	20.00	ng	-0.01
86) Perylene-d12	23.751	264	842468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	599473	81.91	ng	0.00
7) Phenol-d6	7.034	99	469882	44.36	ng	-0.01
23) Nitrobenzene-d5	9.022	82	815012	91.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	594640	136.38	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1956095	93.24	ng	-0.01
79) Terphenyl-d14	19.816	244	3257855	86.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	817	Below Cal	Qvalue #	1

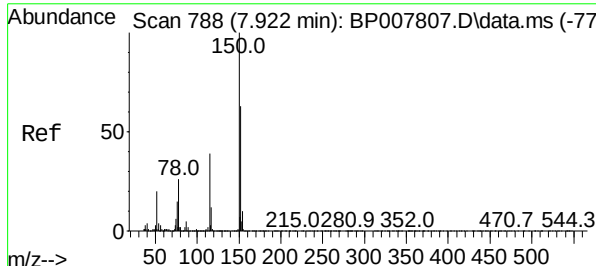
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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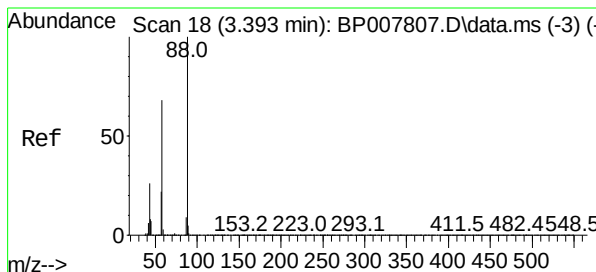
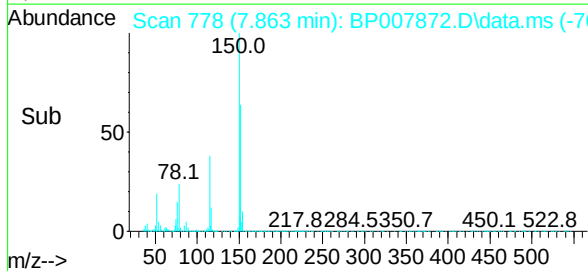
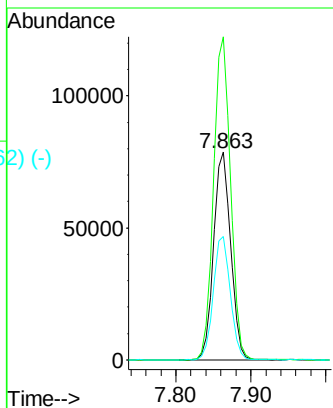
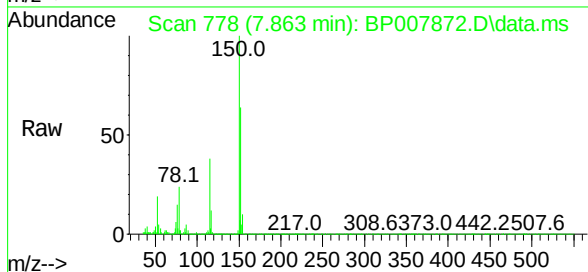




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

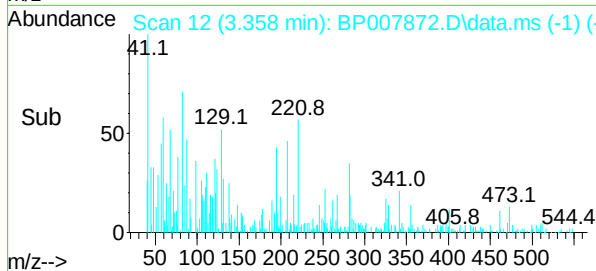
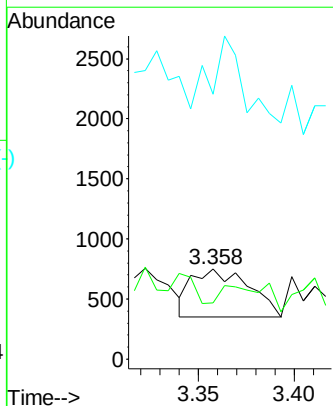
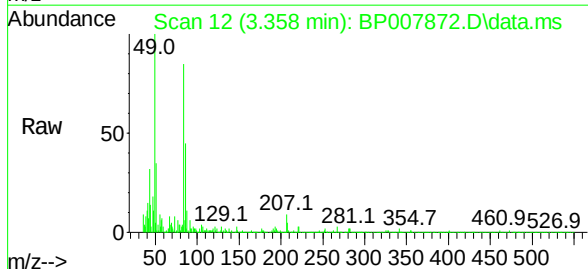
Instrument :
 BNA_P
 ClientSampleId :
 TWP02

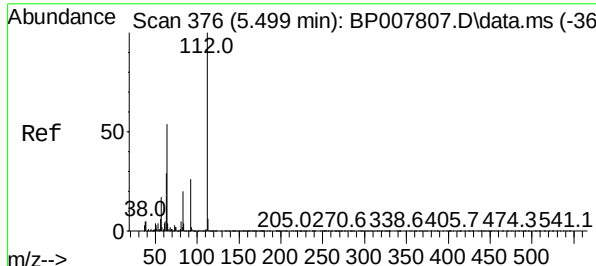
Tgt Ion:	152	Resp:	124124
Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.1	186.1
115	59.5	48.1	72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.358 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

Tgt Ion:	88	Resp:	817
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.1	87.1#
43	102.4	22.2	33.4#





2-Fluorophenol

Concen: 81.91 ng

RT: 5.446 min Scan# 637

Delta R.T. -0.006 min

Lab File: BP007872.D

Acq: 08 Nov 2021 21:31

Instrument :

BNA_P

ClientSampleId :

TWP02

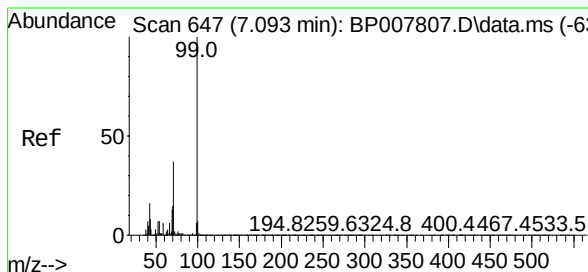
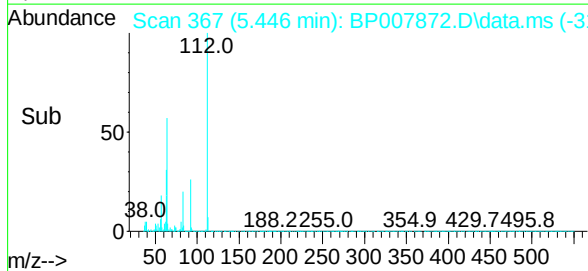
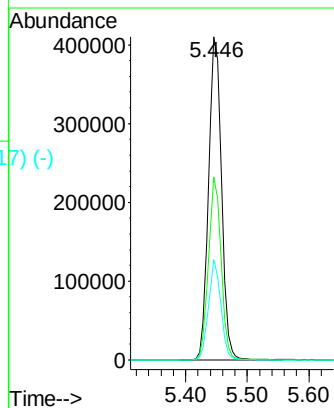
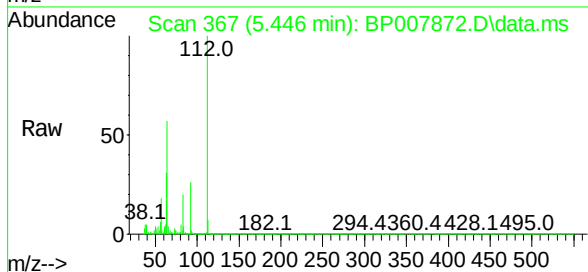
Tgt Ion:112 Resp: 599473

Ion Ratio Lower Upper

112 100

64 56.7 46.6 70.0

63 31.0 25.0 37.6



Phenol-d6

Concen: 44.36 ng

RT: 7.034 min Scan# 637

Delta R.T. -0.012 min

Lab File: BP007872.D

Acq: 08 Nov 2021 21:31

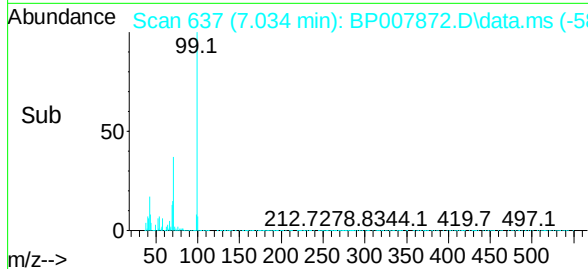
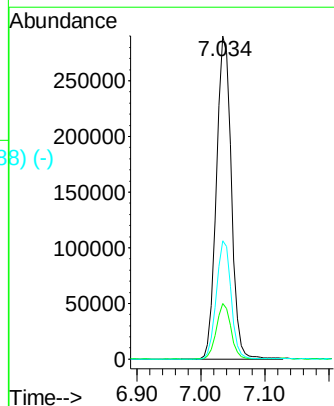
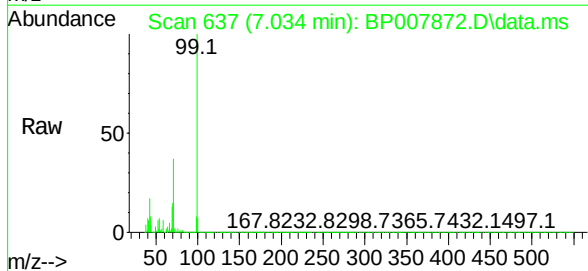
Tgt Ion: 99 Resp: 469882

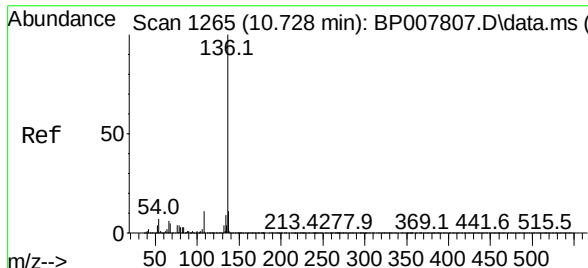
Ion Ratio Lower Upper

99 100

42 17.1 14.9 22.3

71 36.7 29.2 43.8

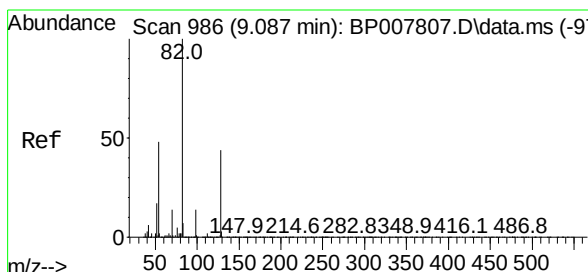
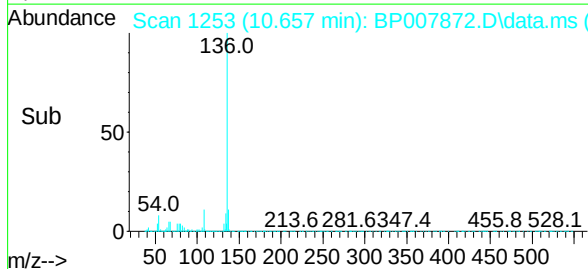
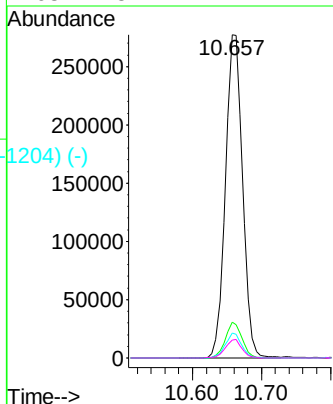
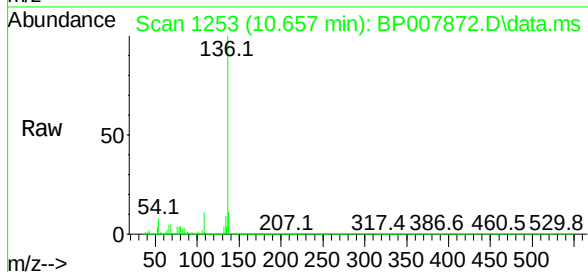




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.657 min Scan# 1265
 Delta R.T. -0.012 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

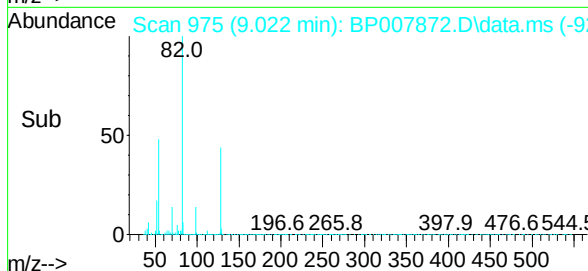
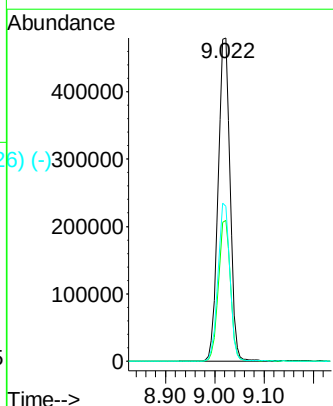
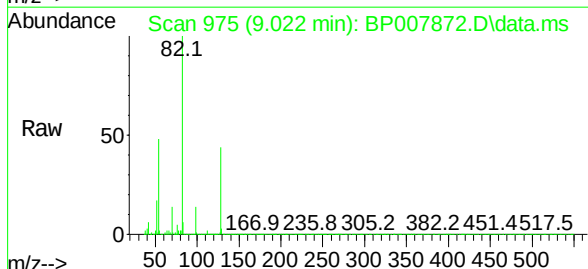
Instrument :
 BNA_P
 ClientSampleId :
 TWP02

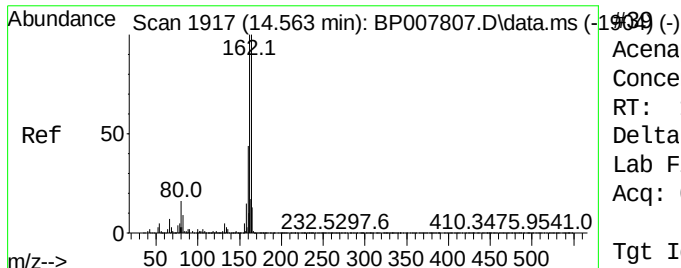
Tgt Ion:	136	Resp:	476431
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.7	6.2	9.4
68	5.4	4.7	7.1



Nitrobenzene-d5
 Concen: 91.89 ng
 RT: 9.022 min Scan# 975
 Delta R.T. -0.012 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

Tgt Ion:	82	Resp:	815012
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.6	48.8
54	48.0	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007872.D

Acq: 08 Nov 2021 21:31

Instrument :

BNA_P

ClientSampleId :

TWP02

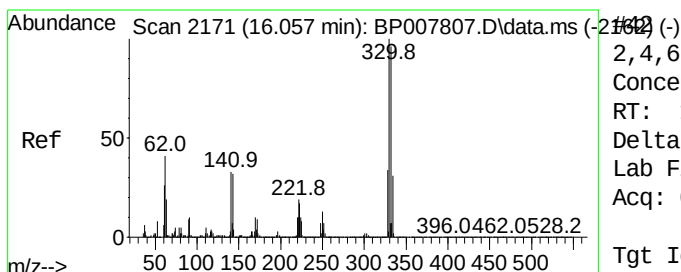
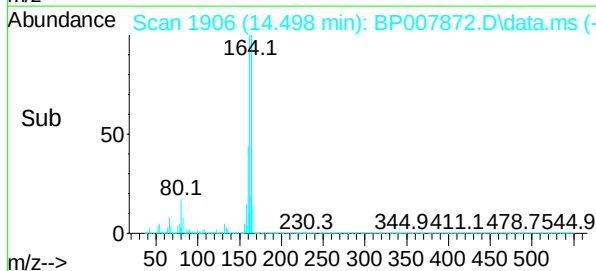
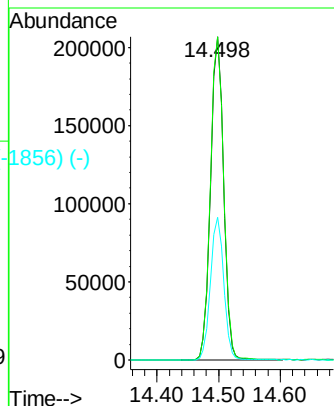
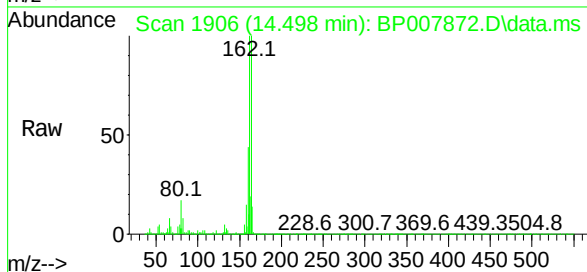
Tgt Ion:164 Resp: 305517

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

160 44.2 36.0 54.0



2,4,6-Tribromophenol

Concen: 136.38 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007872.D

Acq: 08 Nov 2021 21:31

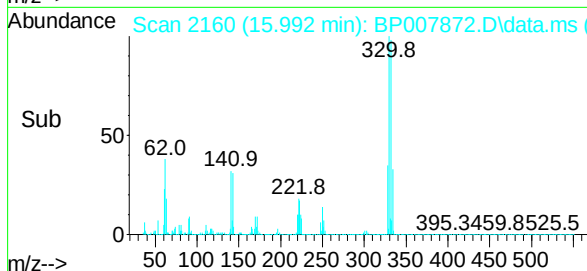
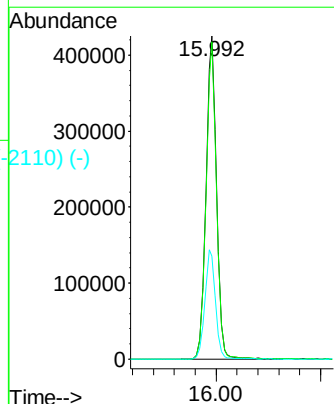
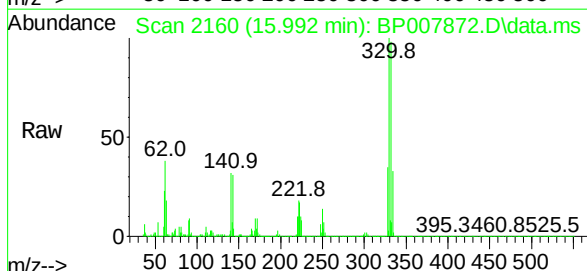
Tgt Ion:330 Resp: 594640

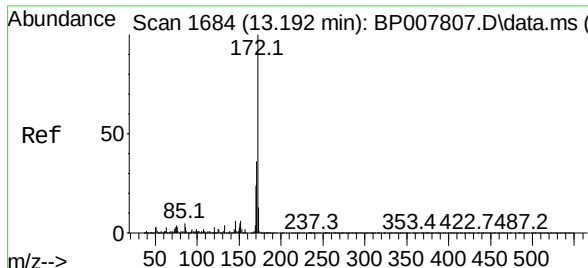
Ion Ratio Lower Upper

330 100

332 97.2 78.9 118.3

141 34.0 30.7 46.1

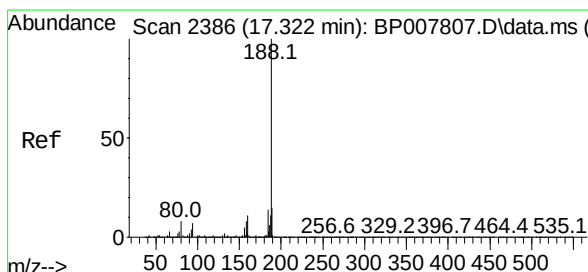
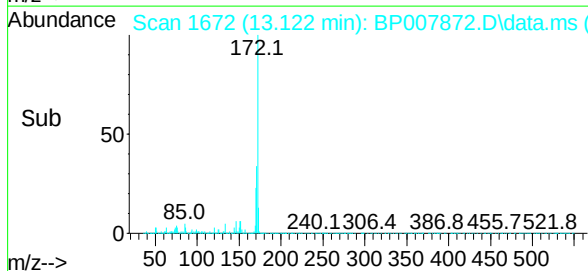
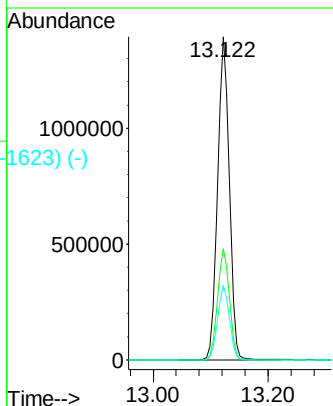
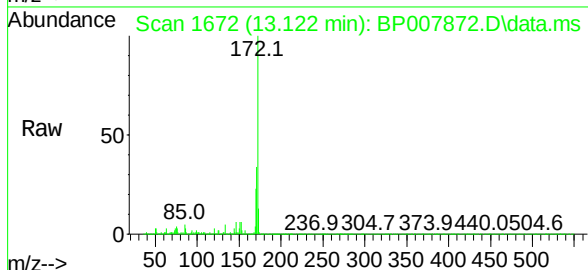




Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)
 2-Fluorobiphenyl
 Concen: 93.24 ng
 RT: 13.122 min Scan# 16745
 Delta R.T. -0.012 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

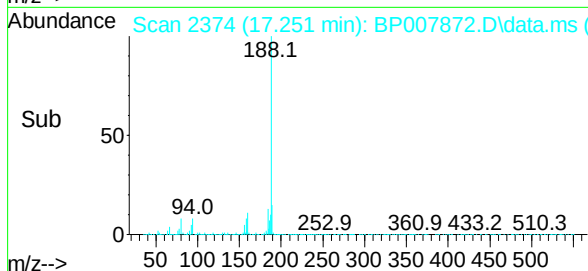
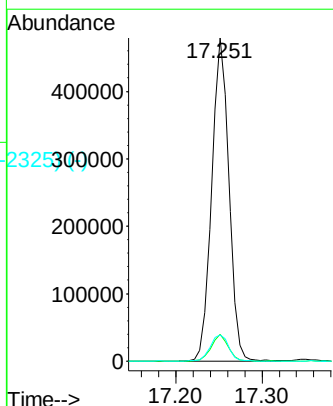
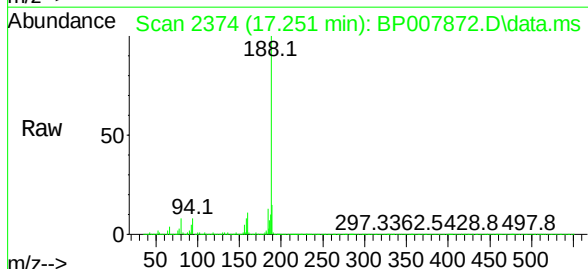
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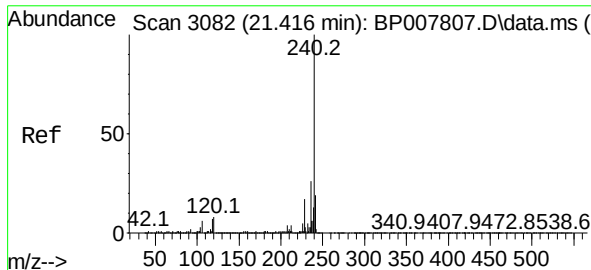
Tgt Ion:	172	Resp:	1956095
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	23.2	19.0	28.4



Scan 2386 (17.322 min): BP007807.D\data.ms (-23784) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.251 min Scan# 2374
 Delta R.T. -0.012 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

Tgt Ion:	188	Resp:	664996
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.1	7.8	11.6

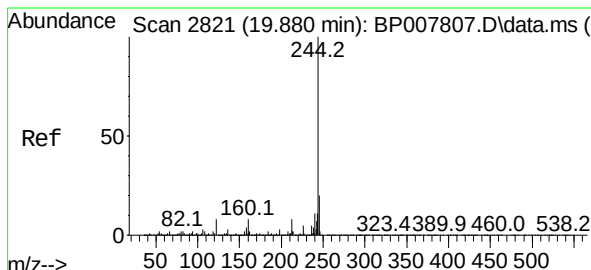
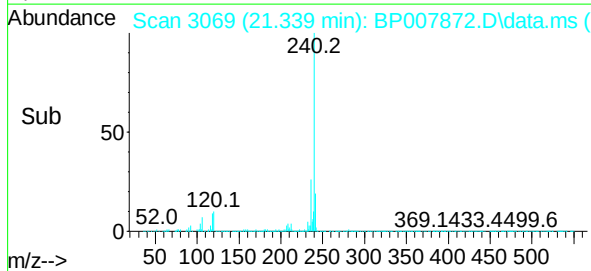
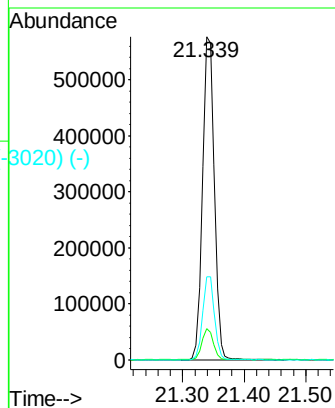
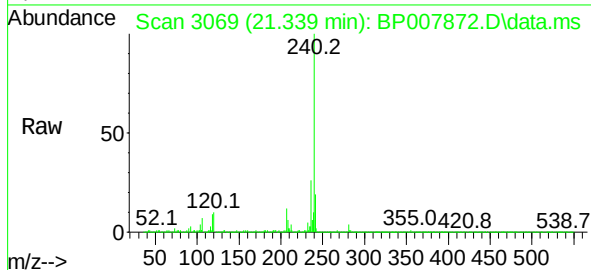




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.339 min Scan# 3069
 Delta R.T. -0.012 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

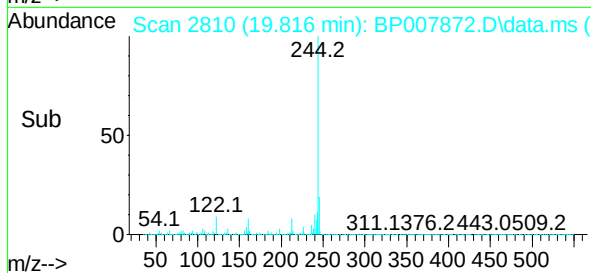
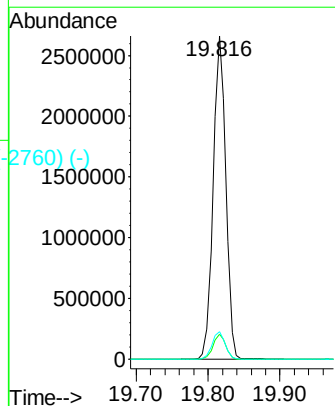
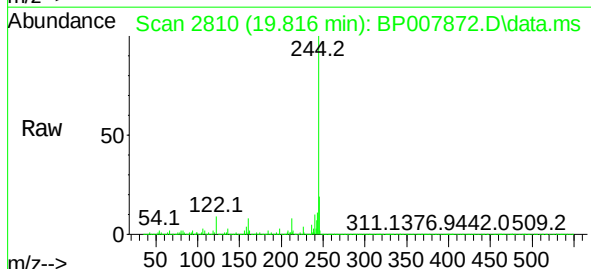
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 BNA_P
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 TWP02

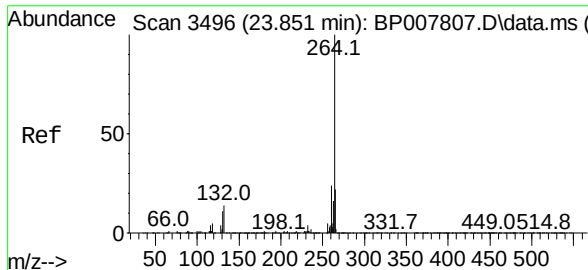
Tgt Ion:	240	Resp:	765779
Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.8
236	25.7	20.6	30.8



Terphenyl-d14
 Concen: 86.63 ng
 RT: 19.816 min Scan# 2810
 Delta R.T. -0.006 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

Tgt Ion:	244	Resp:	3257855
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.5	7.8	11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 486
 Delta R.T. -0.018 min
 Lab File: BP007872.D
 Acq: 08 Nov 2021 21:31

Instrument :
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Tgt Ion:	264	Resp:	842468
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.1	16.7	25.1

