

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007876.D
 Acq On : 08 Nov 2021 23:46
 Operator : CG/JU
 Sample : M4477-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1-B2-NW

Quant Time: Nov 09 08:47:36 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)

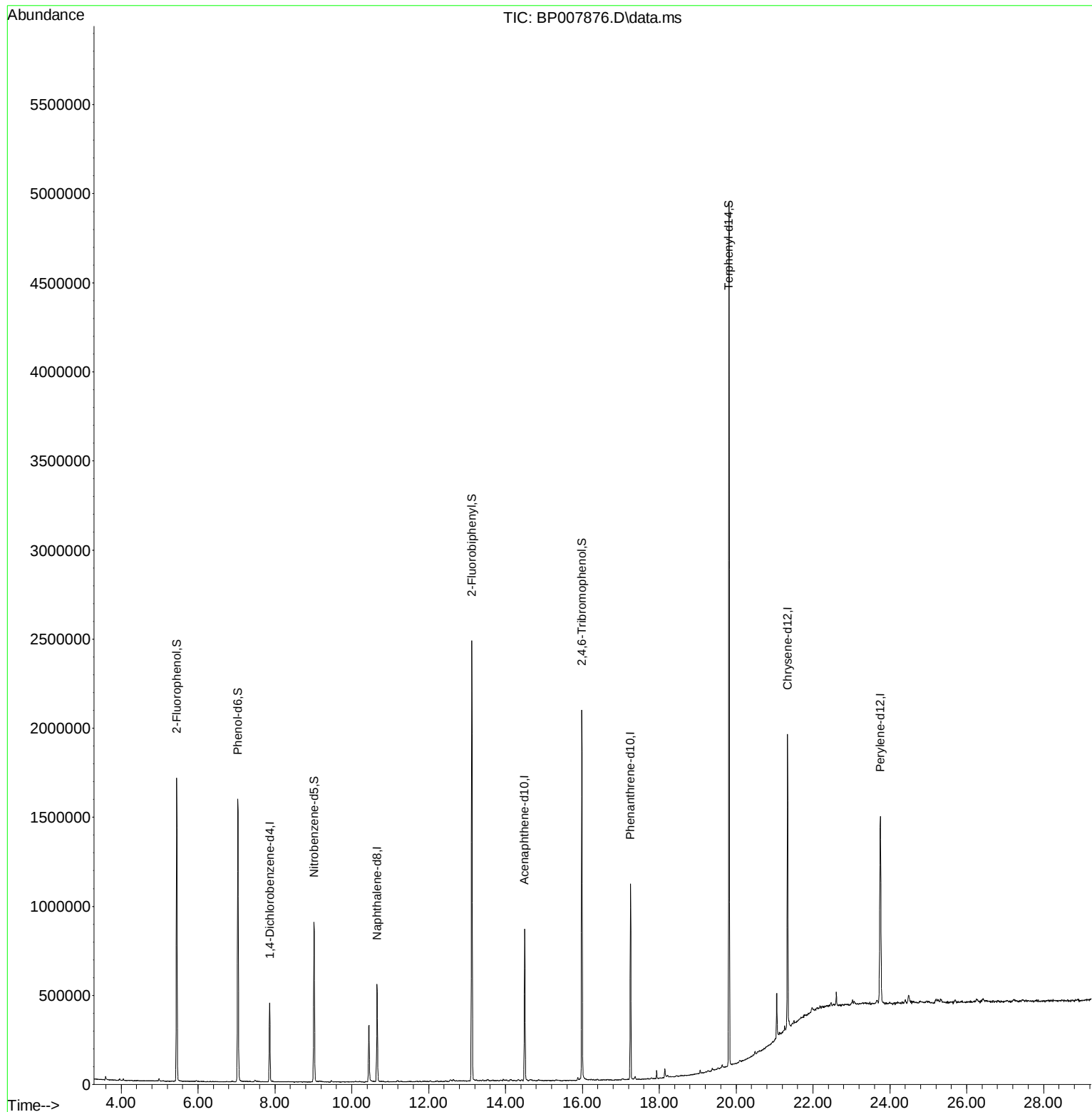
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	122578	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	439587	20.00	ng	-0.01
39) Acenaphthene-d10	14.498	164	297418	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	654946	20.00	ng	#-0.01
76) Chrysene-d12	21.339	240	772648	20.00	ng	-0.01
86) Perylene-d12	23.751	264	820268	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	705024	97.54	ng	0.00
7) Phenol-d6	7.034	99	891831	85.25	ng	-0.01
23) Nitrobenzene-d5	9.016	82	501879	61.33	ng	-0.02
42) 2,4,6-Tribromophenol	15.987	330	397793	93.72	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1257946	61.59	ng	-0.01
79) Terphenyl-d14	19.816	244	2310752	60.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	127	Below Cal	Qvalue #	23

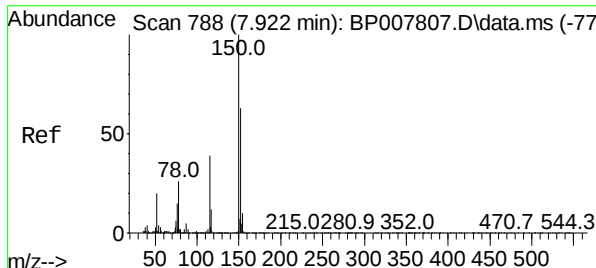
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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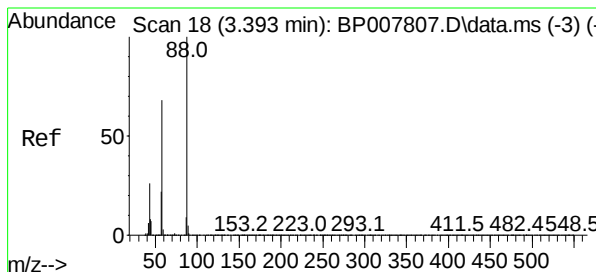
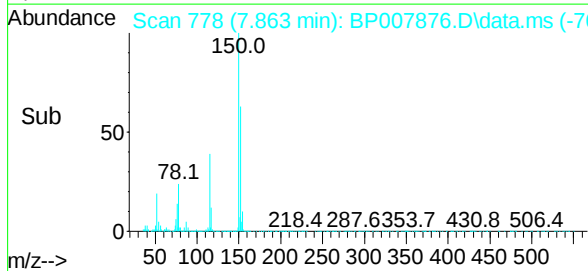
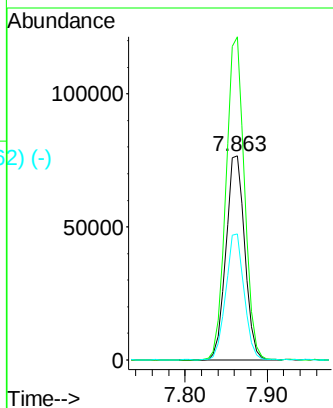
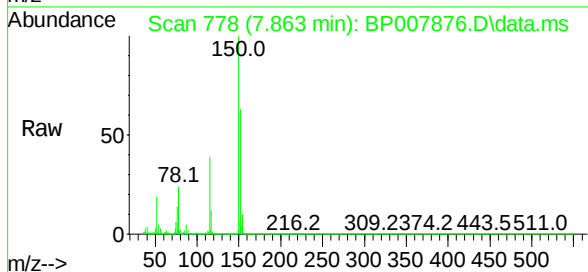




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

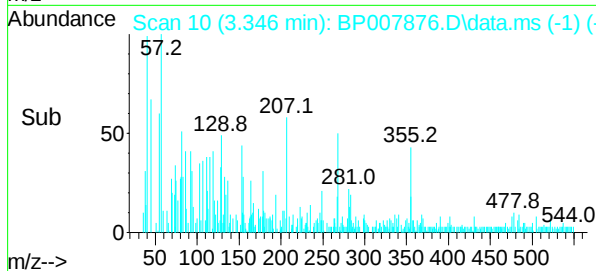
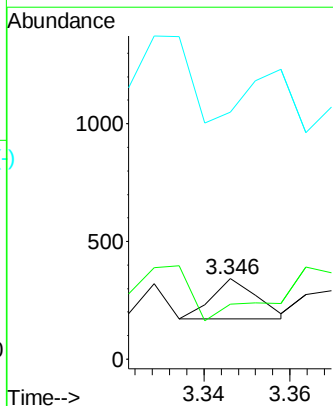
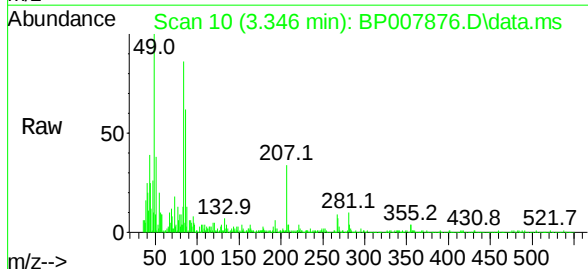
Instrument :
 BNA_P
 ClientSampleId :
 T1-B2-NW

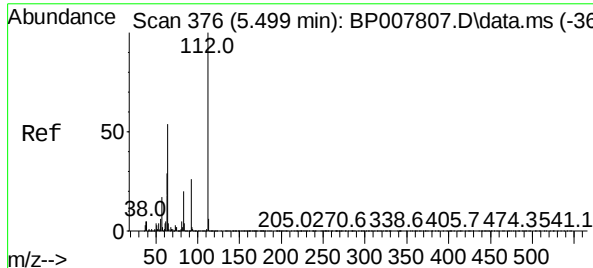
Tgt Ion:152 Resp: 122578
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.1 186.1
 115 61.8 48.1 72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.346 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

Tgt Ion: 88 Resp: 127
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 0.0 22.2 33.4#





2-Fluorophenol

Concen: 97.54 ng

RT: 5.446 min Scan# 637

Delta R.T. -0.006 min

Lab File: BP007876.D

Acq: 08 Nov 2021 23:46

Instrument :

BNA_P

ClientSampleId :

T1-B2-NW

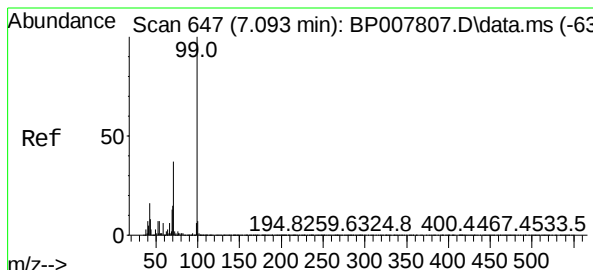
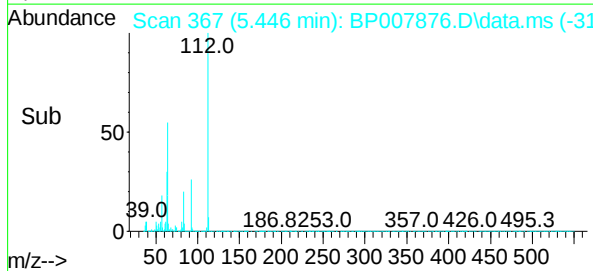
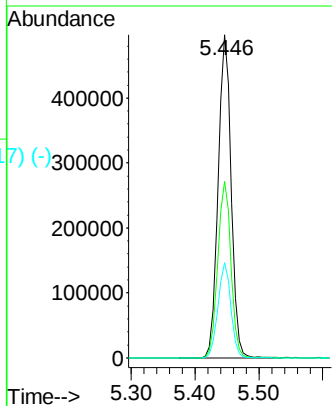
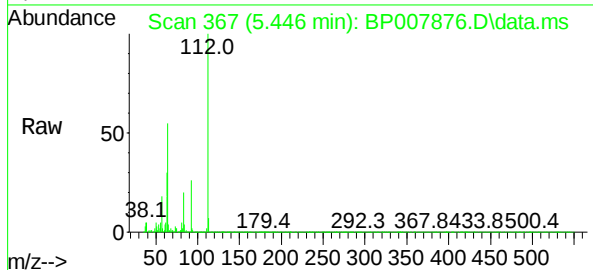
Tgt Ion:112 Resp: 705024

Ion Ratio Lower Upper

112 100

64 54.6 46.6 70.0

63 29.5 25.0 37.6



Phenol-d6

Concen: 85.25 ng

RT: 7.034 min Scan# 637

Delta R.T. -0.012 min

Lab File: BP007876.D

Acq: 08 Nov 2021 23:46

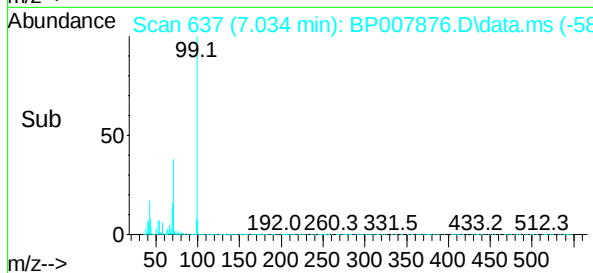
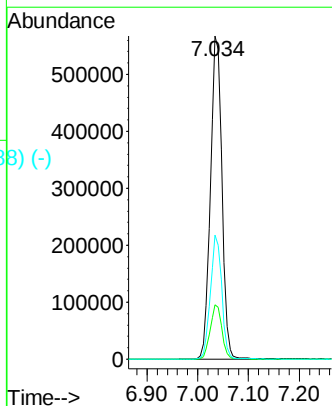
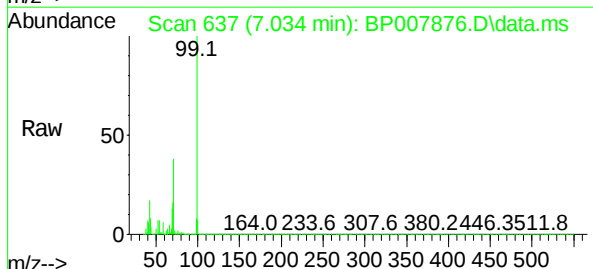
Tgt Ion: 99 Resp: 891831

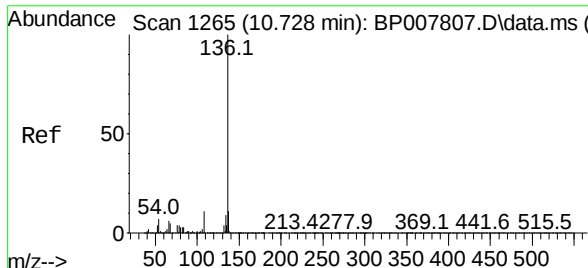
Ion Ratio Lower Upper

99 100

42 16.7 14.9 22.3

71 38.4 29.2 43.8

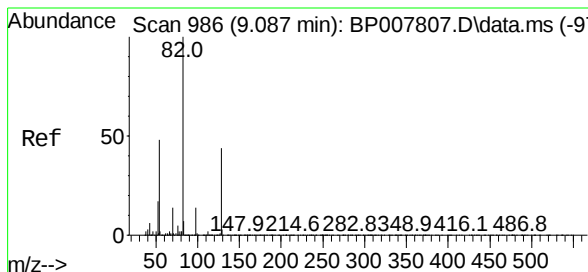
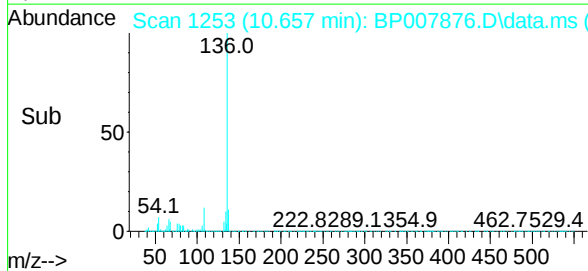
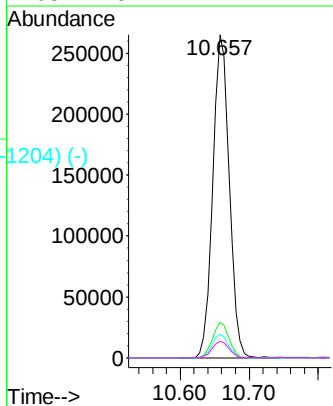
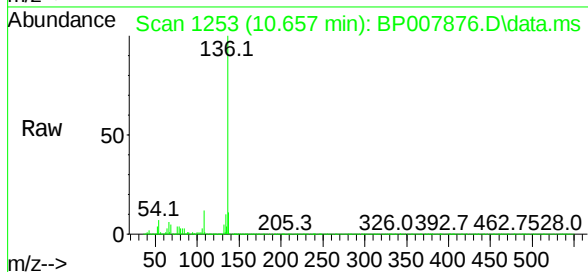




Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP007876.D
Acq: 08 Nov 2021 23:46

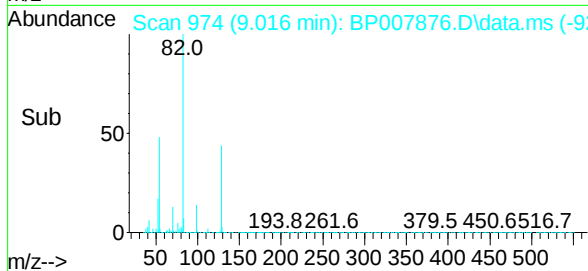
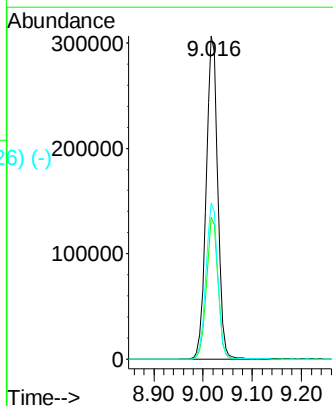
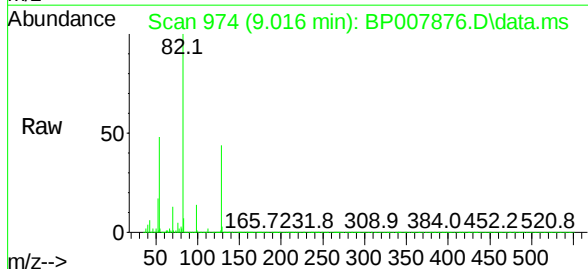
Instrument :
BNA_P
ClientSampleId :
T1-B2-NW

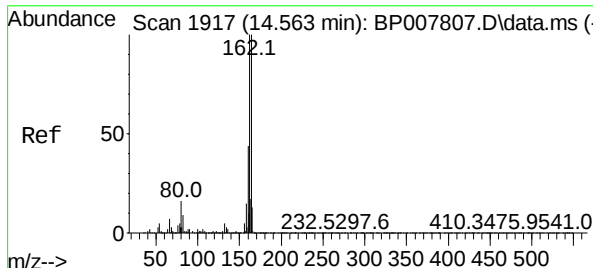
Tgt Ion:	136	Resp:	439587
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.3	6.2	9.4
68	5.2	4.7	7.1



Nitrobenzene-d5
Concen: 61.33 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.017 min
Lab File: BP007876.D
Acq: 08 Nov 2021 23:46

Tgt Ion:	82	Resp:	501879
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.6	48.8
54	48.2	40.4	60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007876.D

Acq: 08 Nov 2021 23:46

Instrument :

BNA_P

ClientSampleId :

T1-B2-NW

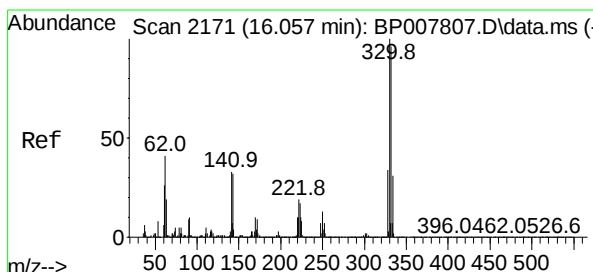
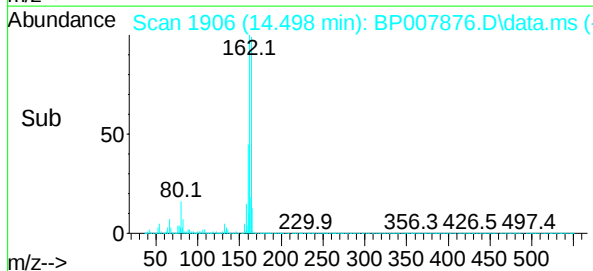
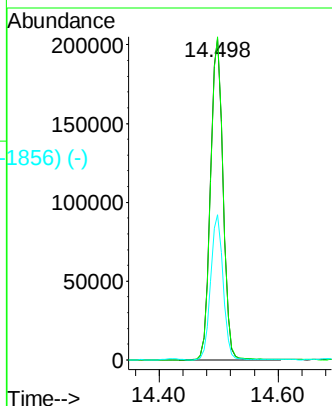
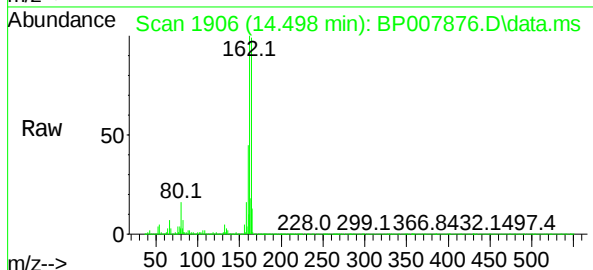
Tgt Ion:164 Resp: 297418

Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

160 45.2 36.0 54.0



2,4,6-Tribromophenol

Concen: 93.72 ng

RT: 15.987 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP007876.D

Acq: 08 Nov 2021 23:46

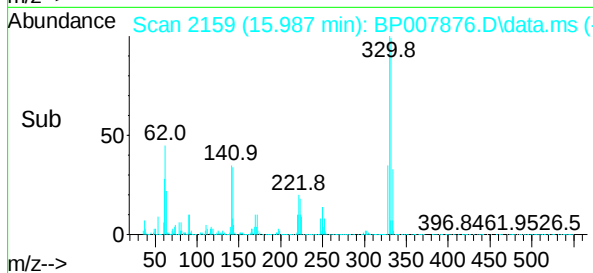
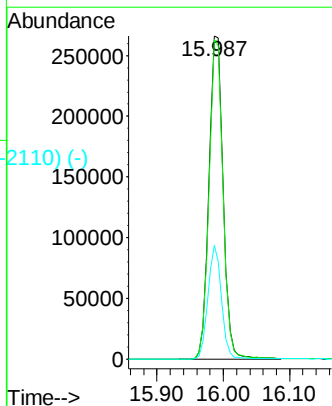
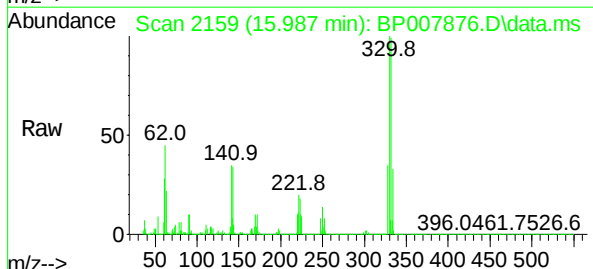
Tgt Ion:330 Resp: 397793

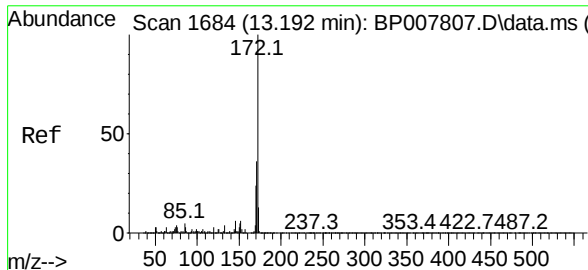
Ion Ratio Lower Upper

330 100

332 97.8 78.9 118.3

141 33.8 30.7 46.1

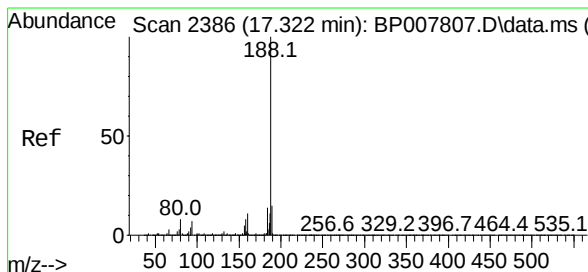
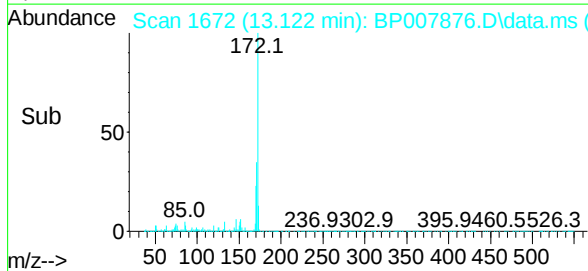
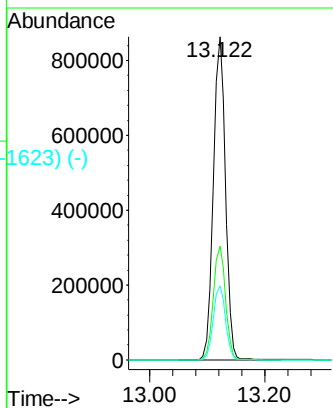
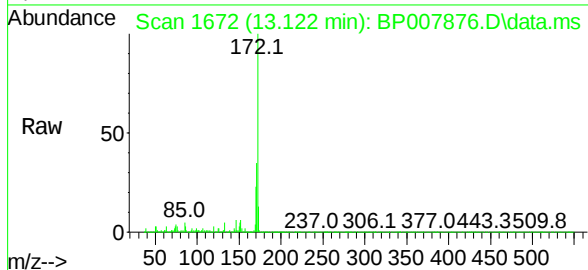




2-Fluorobiphenyl
 Concen: 61.59 ng
 RT: 13.122 min Scan# 16745
 Delta R.T. -0.012 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

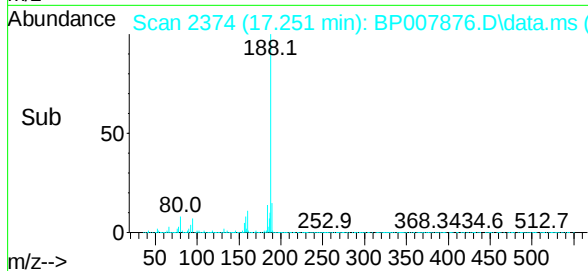
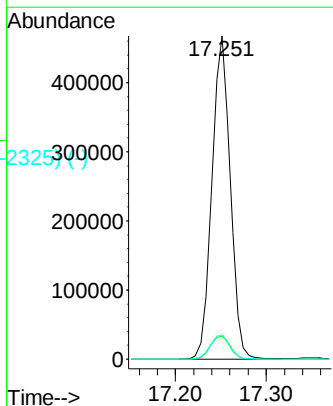
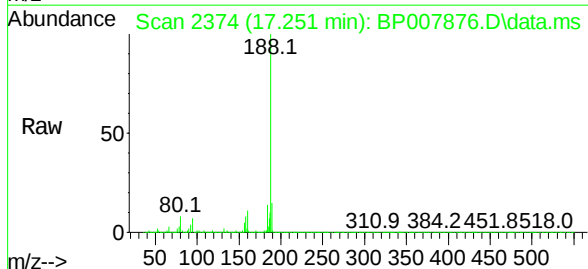
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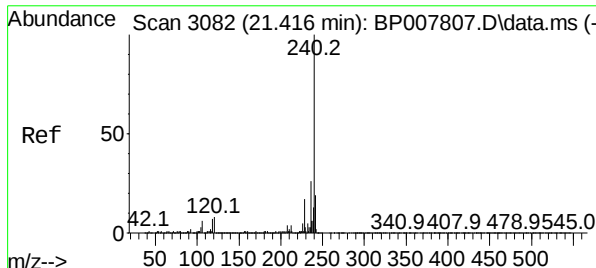
Tgt Ion:	172	Resp:	1257946
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	19.0	28.4



Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.251 min Scan# 2374
 Delta R.T. -0.012 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

Tgt Ion:	188	Resp:	654946
Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.5	7.8	11.6#

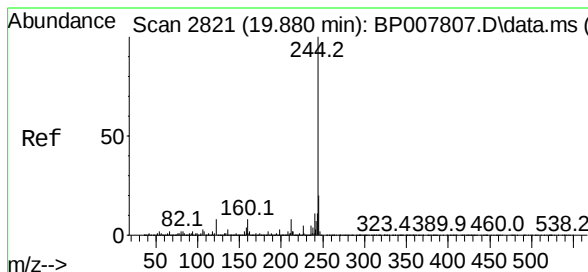
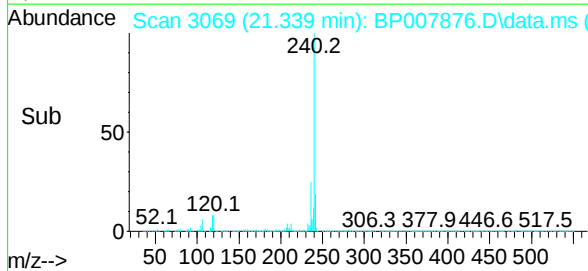
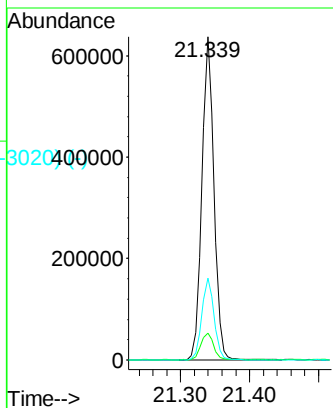
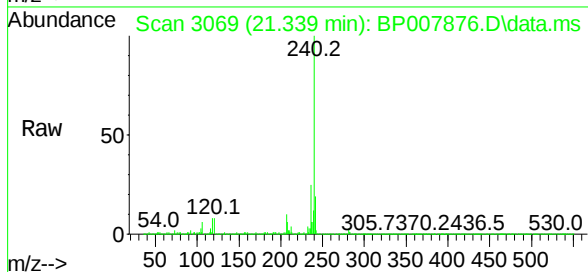




Scan 3082 (21.416 min): BP007807.D\data.ms (-3073) (-)
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.339 min Scan# 3073
 Delta R.T. -0.012 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

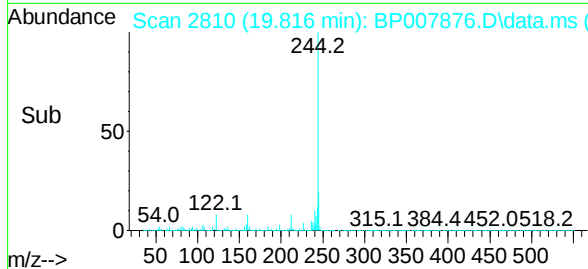
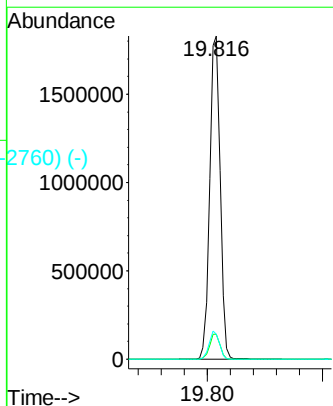
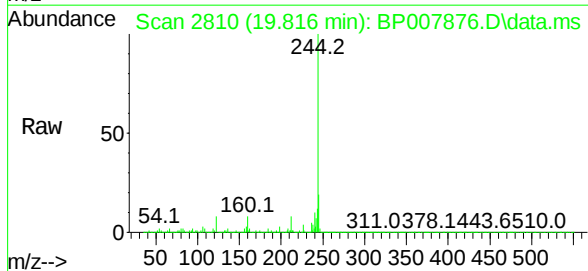
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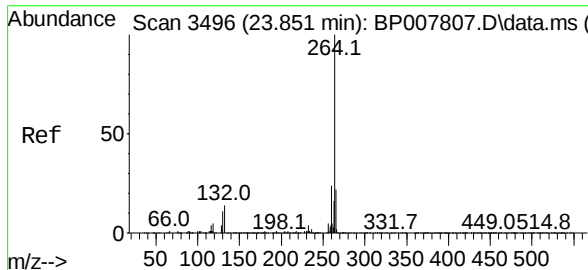
Tgt Ion:	240	Resp:	772648
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.8	11.8
236	25.4	20.6	30.8



Scan 2821 (19.880 min): BP007807.D\data.ms (-2810) (-)
 Terphenyl-d14
 Concen: 60.90 ng
 RT: 19.816 min Scan# 2810
 Delta R.T. -0.006 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

Tgt Ion:	244	Resp:	2310752
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.8	7.8	11.8#





Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 486
 Delta R.T. -0.017 min
 Lab File: BP007876.D
 Acq: 08 Nov 2021 23:46

Instrument :
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Tgt Ion:	264	Resp:	820268
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.1	28.7
265	23.0	16.7	25.1

