

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021221\
 Data File : BP004728.D
 Acq On : 12 Feb 2021 13:53
 Operator : CG/JU
 Sample : PB134609BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB134609BL

Quant Time: Feb 12 14:58:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

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

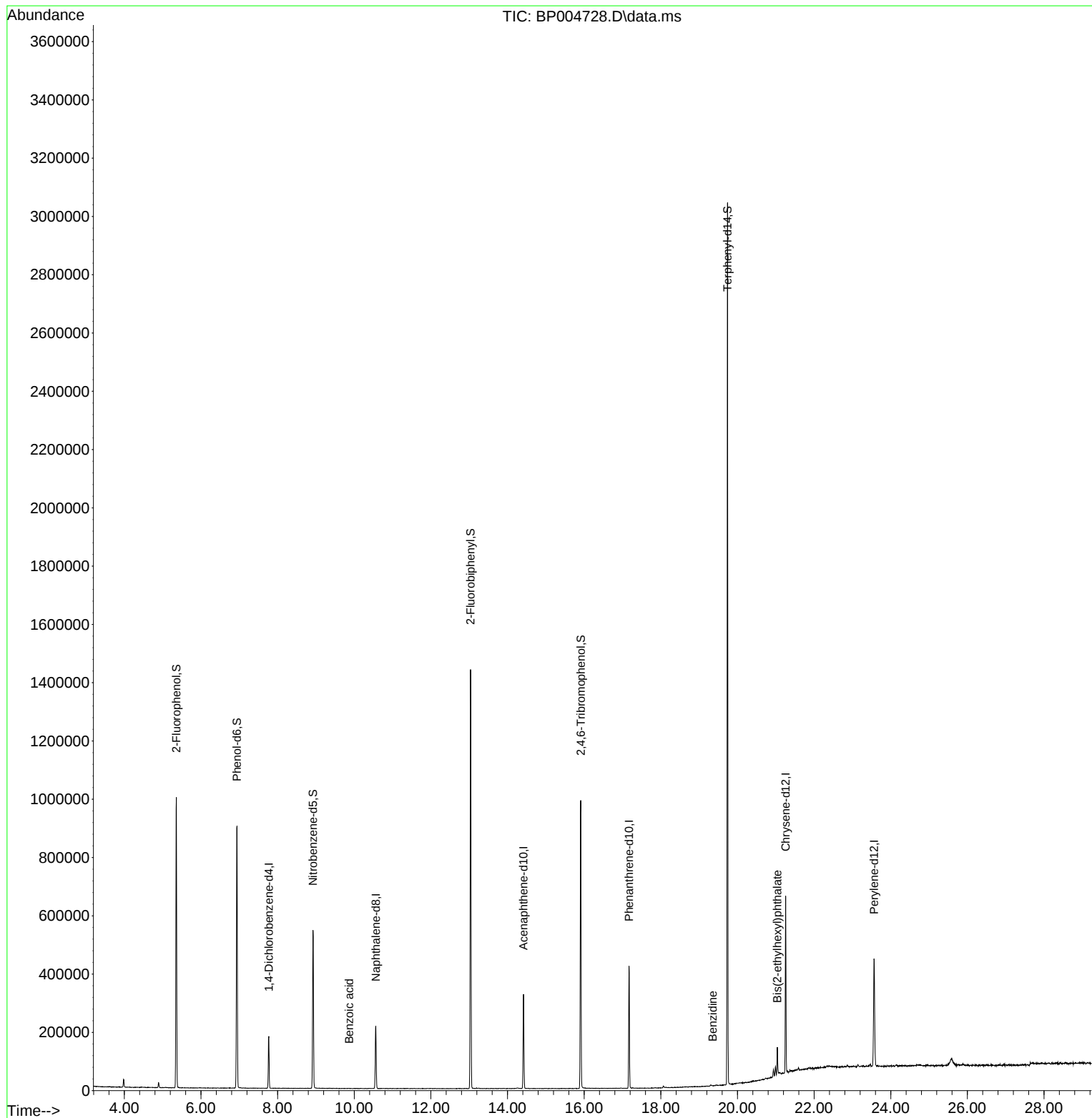
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	44412	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	168989	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	102197	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	235066	20.00	ng	0.00
76) Chrysene-d12	21.257	240	266925	20.00	ng	0.00
86) Perylene-d12	23.563	264	268003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	389103	135.27	ng	0.00
7) Phenol-d6	6.940	99	483204	122.16	ng	0.00
23) Nitrobenzene-d5	8.922	82	305825	78.85	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	159596	117.54	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	671221	80.28	ng	0.00
79) Terphenyl-d14	19.739	244	1147645	72.22	ng	0.00
Target Compounds						
32) Benzoic acid	9.869	122	21	6.86	ng	# 66
77) Benzidine	19.357	184	28	2.14	ng	# 59
84) Bis(2-ethylhexyl)phtha...	21.039	149	33570	3.01	ng	# 52

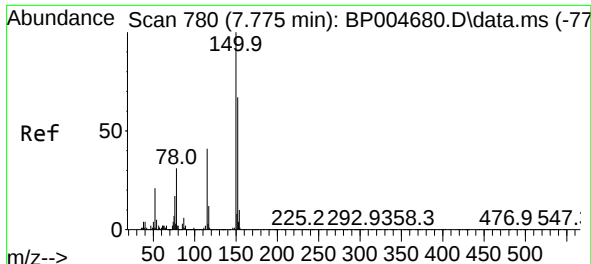
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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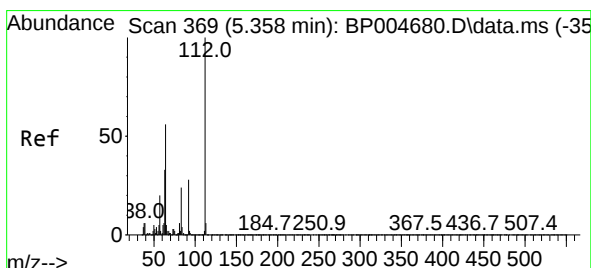
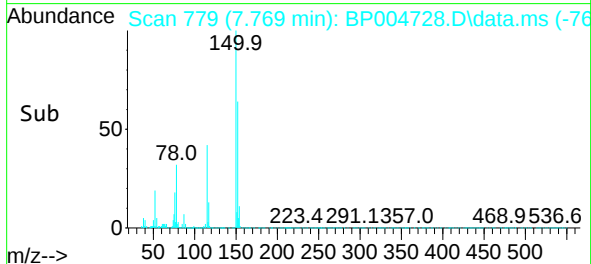
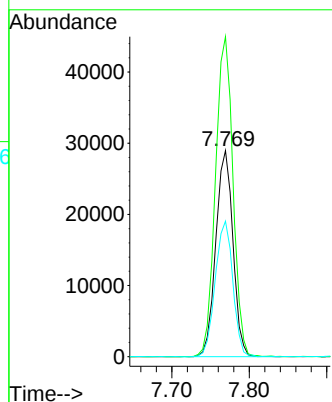
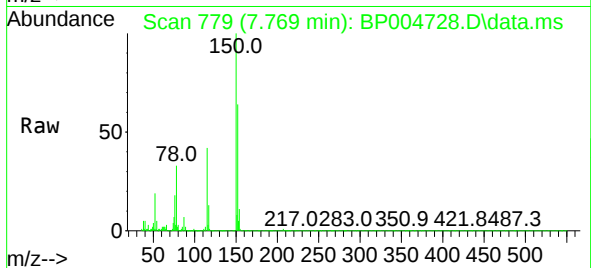




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

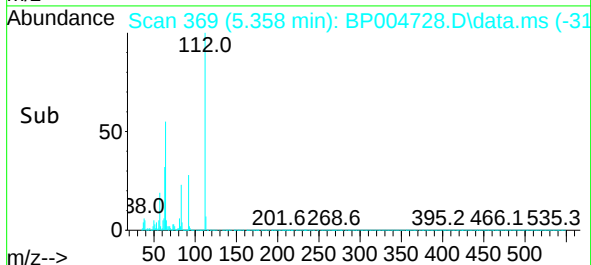
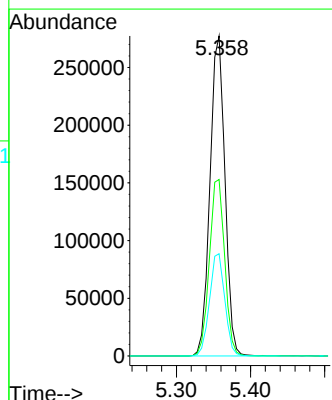
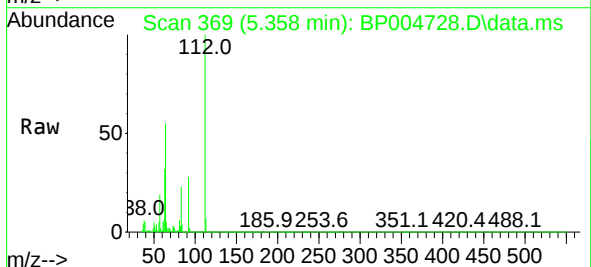
Instrument :
BNA_P
ClientSampleId :
PB134609BL

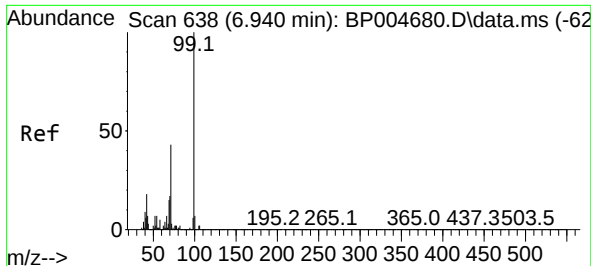
Tgt Ion:152 Resp: 44412
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 65.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 135.27 ng
RT: 5.358 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

Tgt Ion:112 Resp: 389103
Ion Ratio Lower Upper
112 100
64 55.1 32.8 49.2#
63 31.9 17.0 25.4#

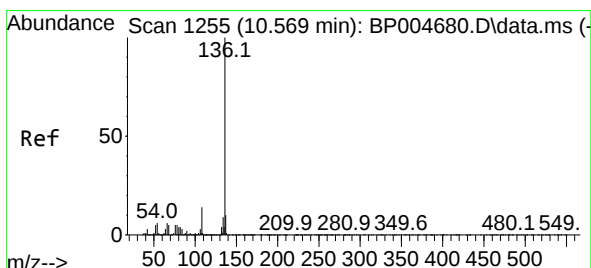
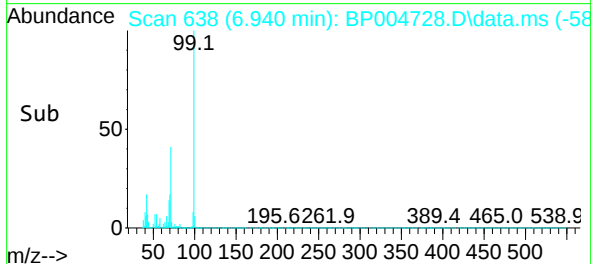
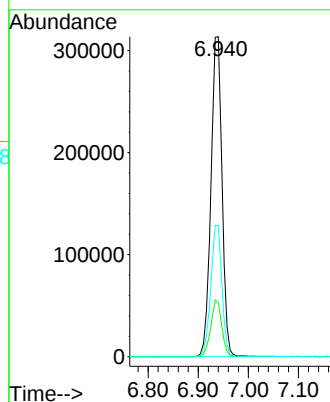
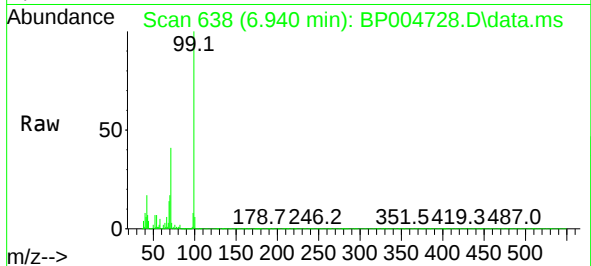




#7
Phenol-d6
Concen: 122.16 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.000 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

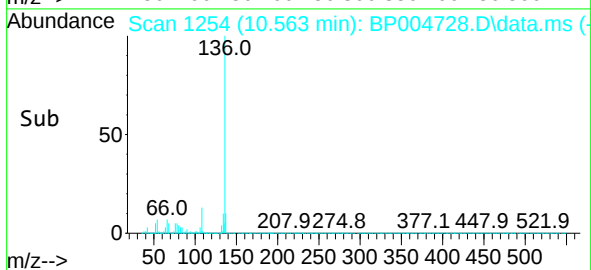
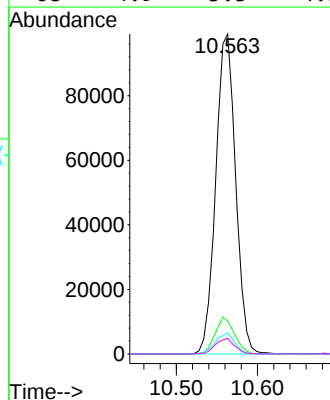
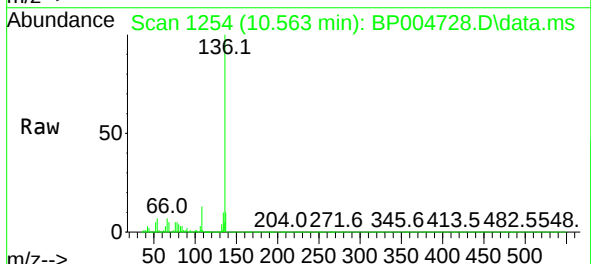
Instrument :
BNA_P
ClientSampleId :
PB134609BL

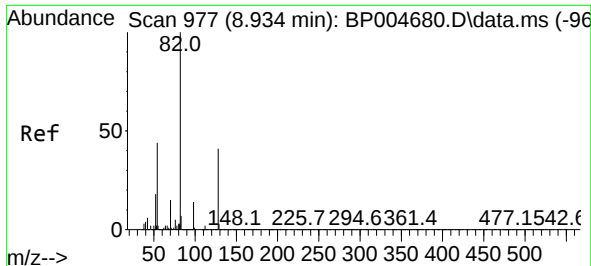
Tgt Ion: 99 Resp: 483204
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 41.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

Tgt Ion: 136 Resp: 168989
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 6.5 3.6 5.4#
68 4.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.85 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004728.D

Acq: 12 Feb 2021 13:53

Instrument :

BNA_P

ClientSampleId :

PB134609BL

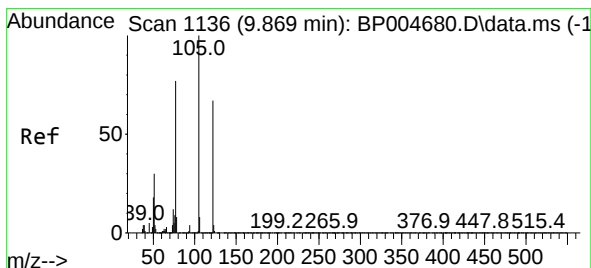
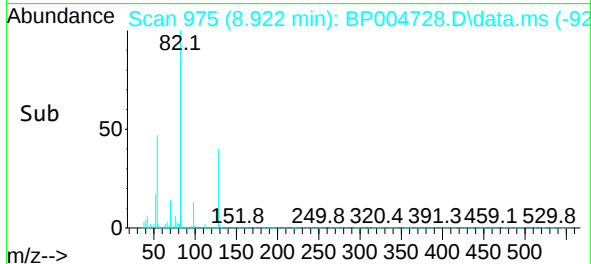
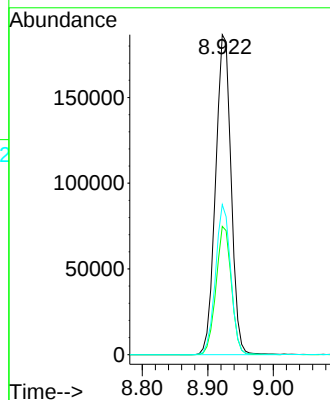
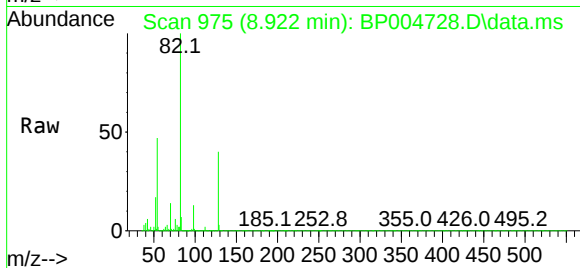
Tgt Ion: 82 Resp: 305825

Ion Ratio Lower Upper

82 100

128 40.1 45.6 68.4#

54 46.9 30.1 45.1#



#32

Benzoic acid

Concen: 6.86 ng

RT: 9.869 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP004728.D

Acq: 12 Feb 2021 13:53

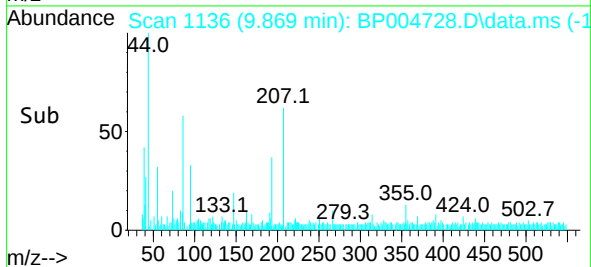
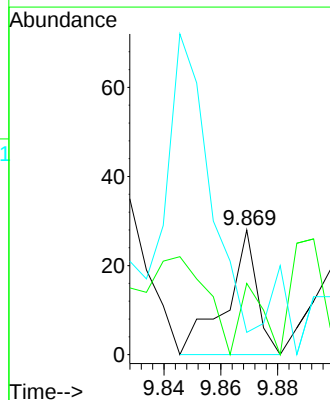
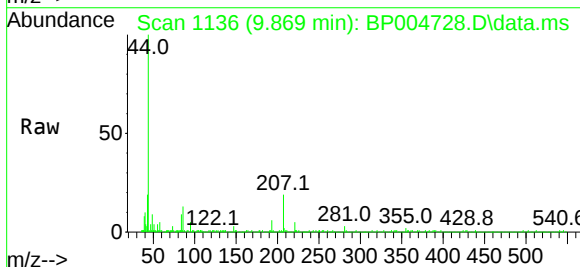
Tgt Ion: 122 Resp: 21

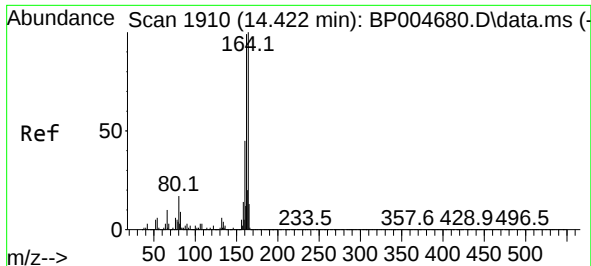
Ion Ratio Lower Upper

122 100

105 57.1 94.1 134.1#

77 67.9 50.1 90.1

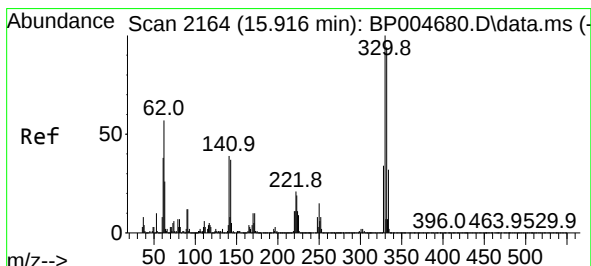
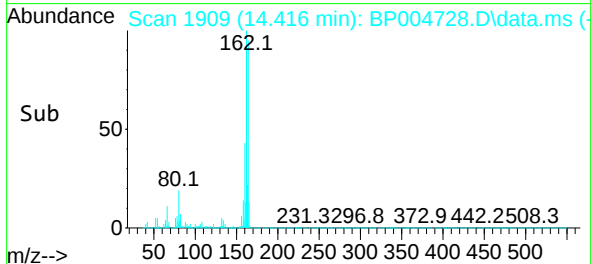
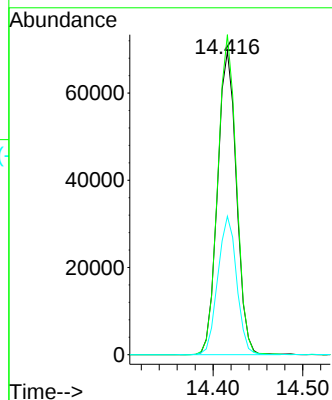
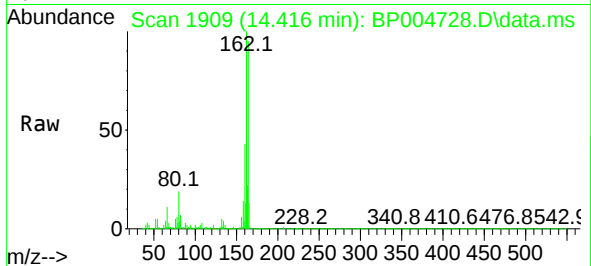




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

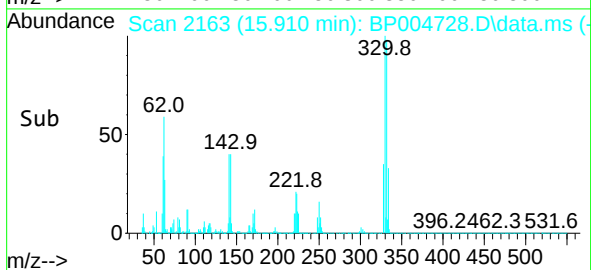
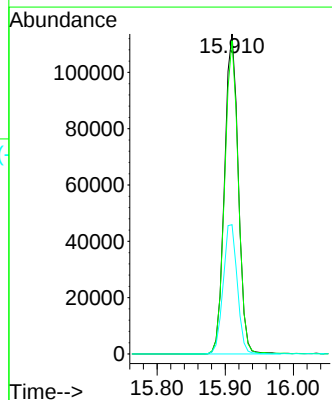
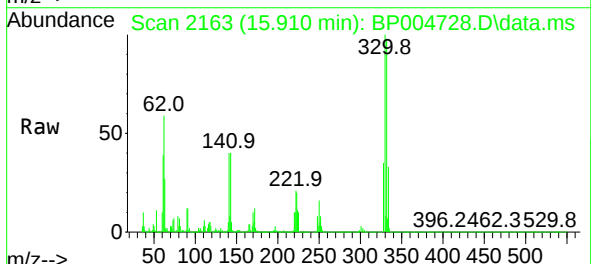
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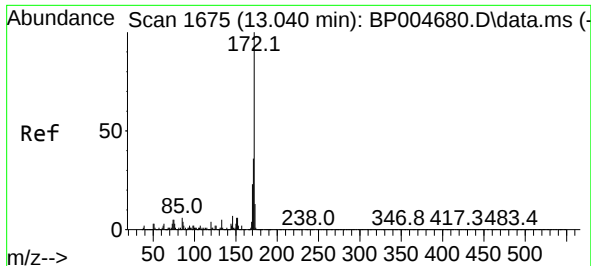
Tgt Ion:164 Resp: 102197
Ion Ratio Lower Upper
164 100
162 105.5 79.4 119.2
160 45.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 117.54 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

Tgt Ion:330 Resp: 159596
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 41.4 23.4 35.2#

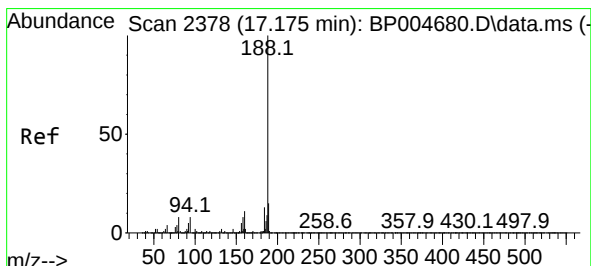
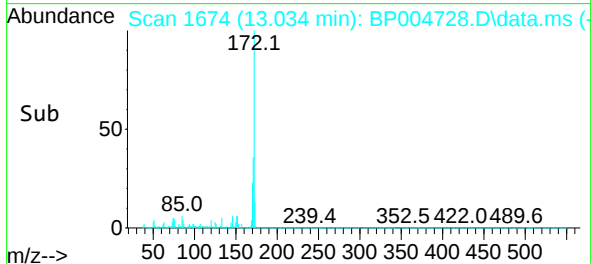
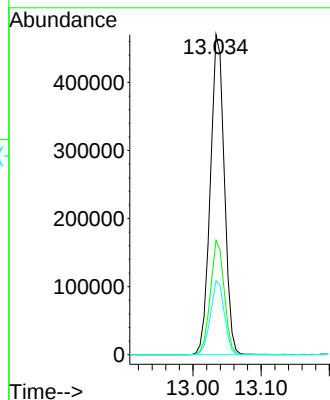
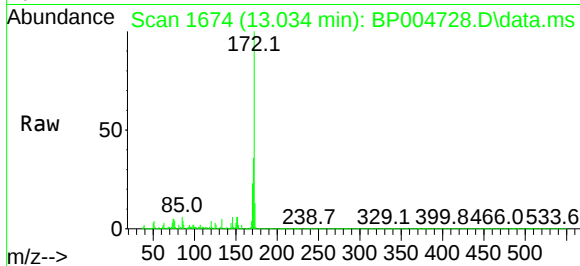




#45
2-Fluorobiphenyl
Concen: 80.28 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

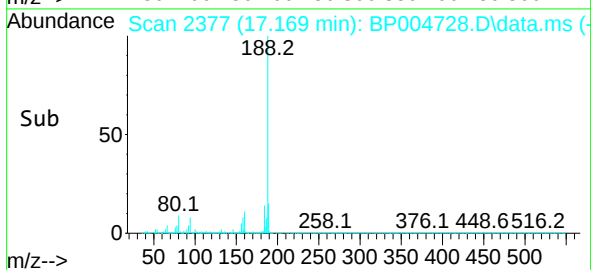
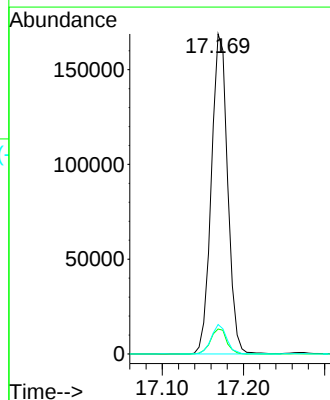
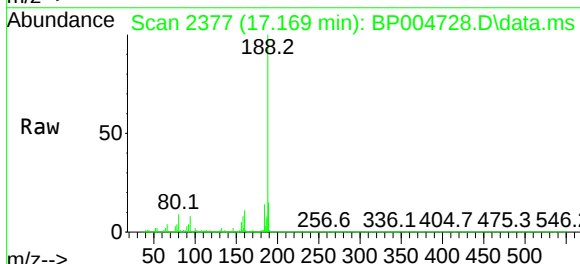
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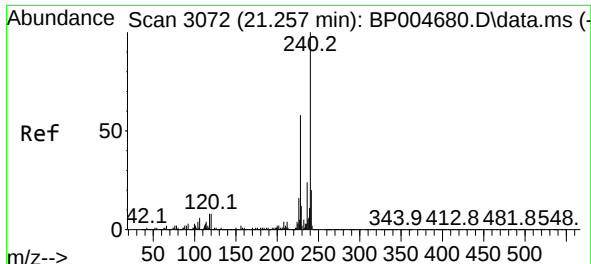
Tgt Ion:172	Resp:	671221
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.5 42.7
170	23.1	19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

Tgt Ion:188	Resp:	235066
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.2 9.2
80	9.2	6.2 9.2

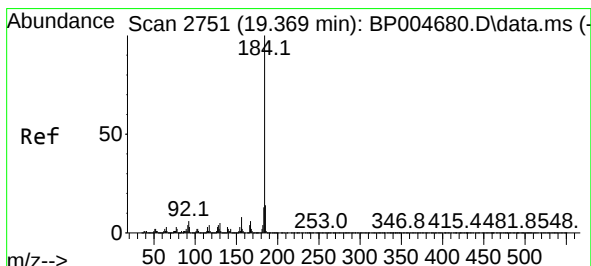
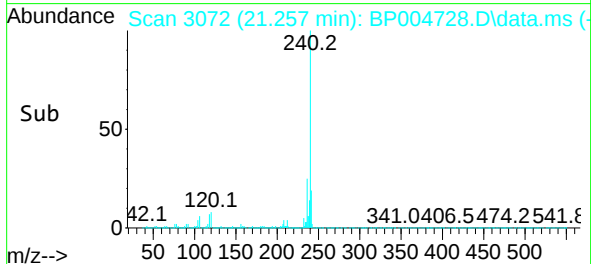
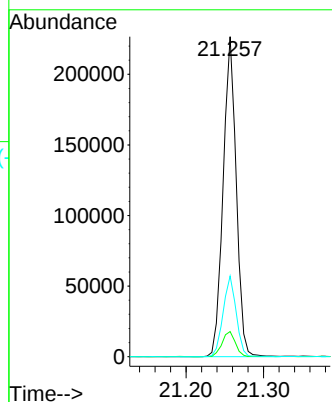
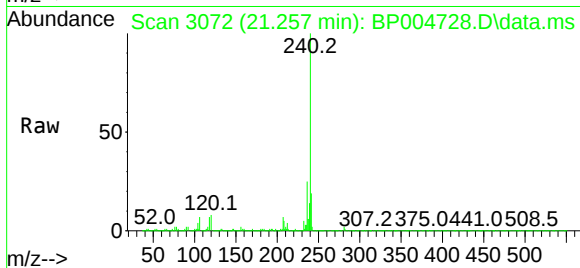




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

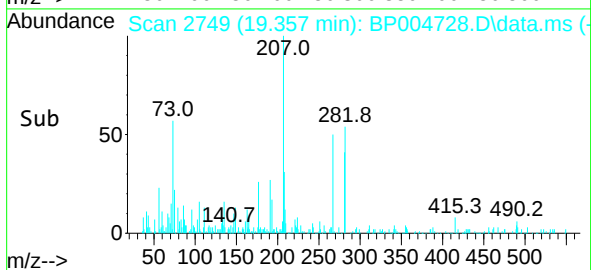
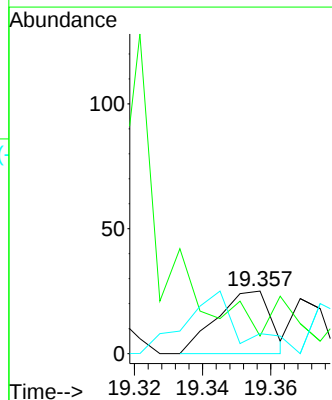
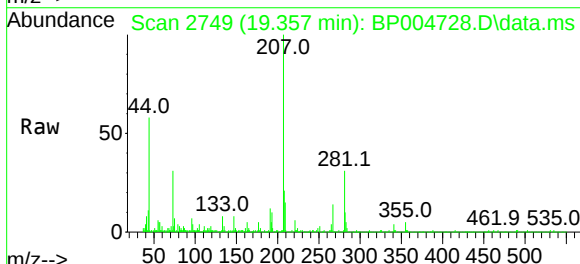
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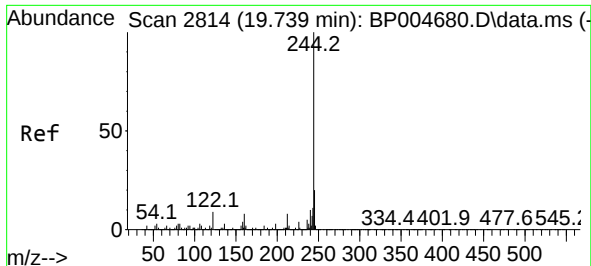
Tgt Ion:	240	Resp:	266925
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.8	11.6
236	25.2	20.8	31.2



#77
Benzidine
Concen: 2.14 ng
RT: 19.357 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BP004728.D
Acq: 12 Feb 2021 13:53

Tgt Ion:	184	Resp:	28
Ion Ratio	Lower	Upper	
184	100		
185	28.0	11.5	17.3#
183	32.0	9.6	14.4#

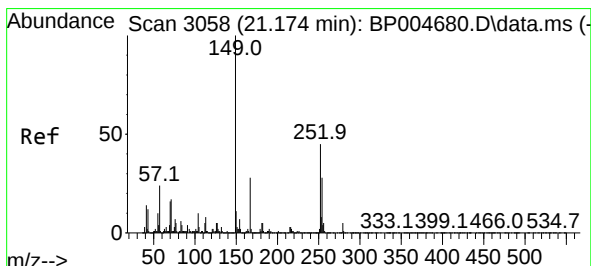
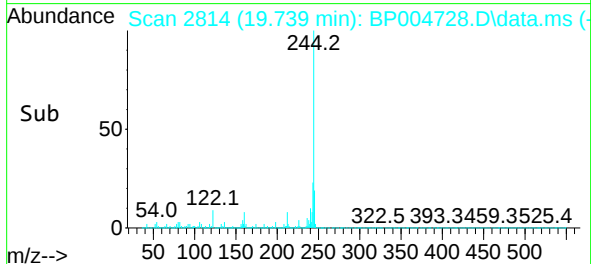
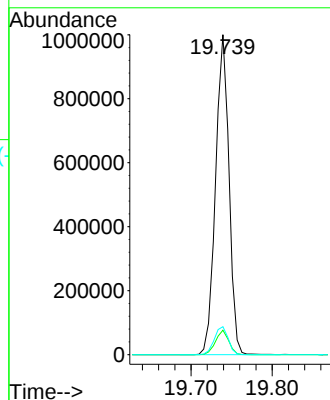
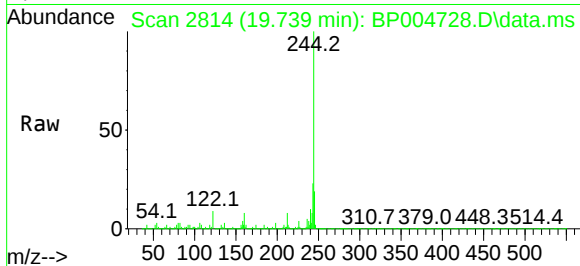




#79
 Terphenyl-d14
 Concen: 72.22 ng
 RT: 19.739 min Scan# 2814
 Delta R.T. -0.000 min
 Lab File: BP004728.D
 Acq: 12 Feb 2021 13:53

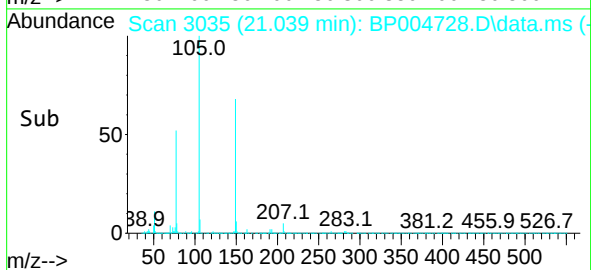
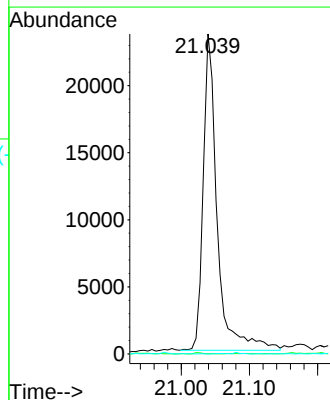
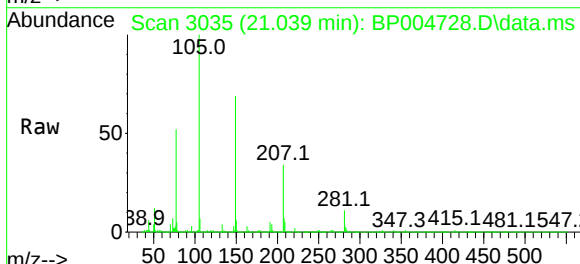
Instrument :
 BNA_P
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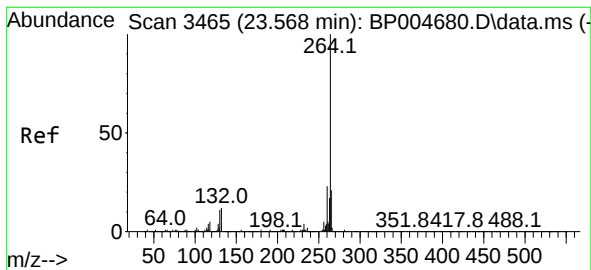
Tgt Ion:244 Resp: 1147645
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 8.8 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.01 ng
 RT: 21.039 min Scan# 3035
 Delta R.T. -0.135 min
 Lab File: BP004728.D
 Acq: 12 Feb 2021 13:53

Tgt Ion:149 Resp: 33570
 Ion Ratio Lower Upper
 149 100
 167 0.1 22.6 34.0#
 279 0.0 4.2 6.2#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.563 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: BP004728.D
 Acq: 12 Feb 2021 13:53

Instrument :
 BNA_P
 ClientSampleId :
 PB134609BL

Tgt Ion:264 Resp: 268003
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 20.8 17.4 26.2

