

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007869.D
 Acq On : 08 Nov 2021 19:49
 Operator : CG/JU
 Sample : M4579-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-4.5-5.0

Quant Time: Nov 09 08:44:53 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)

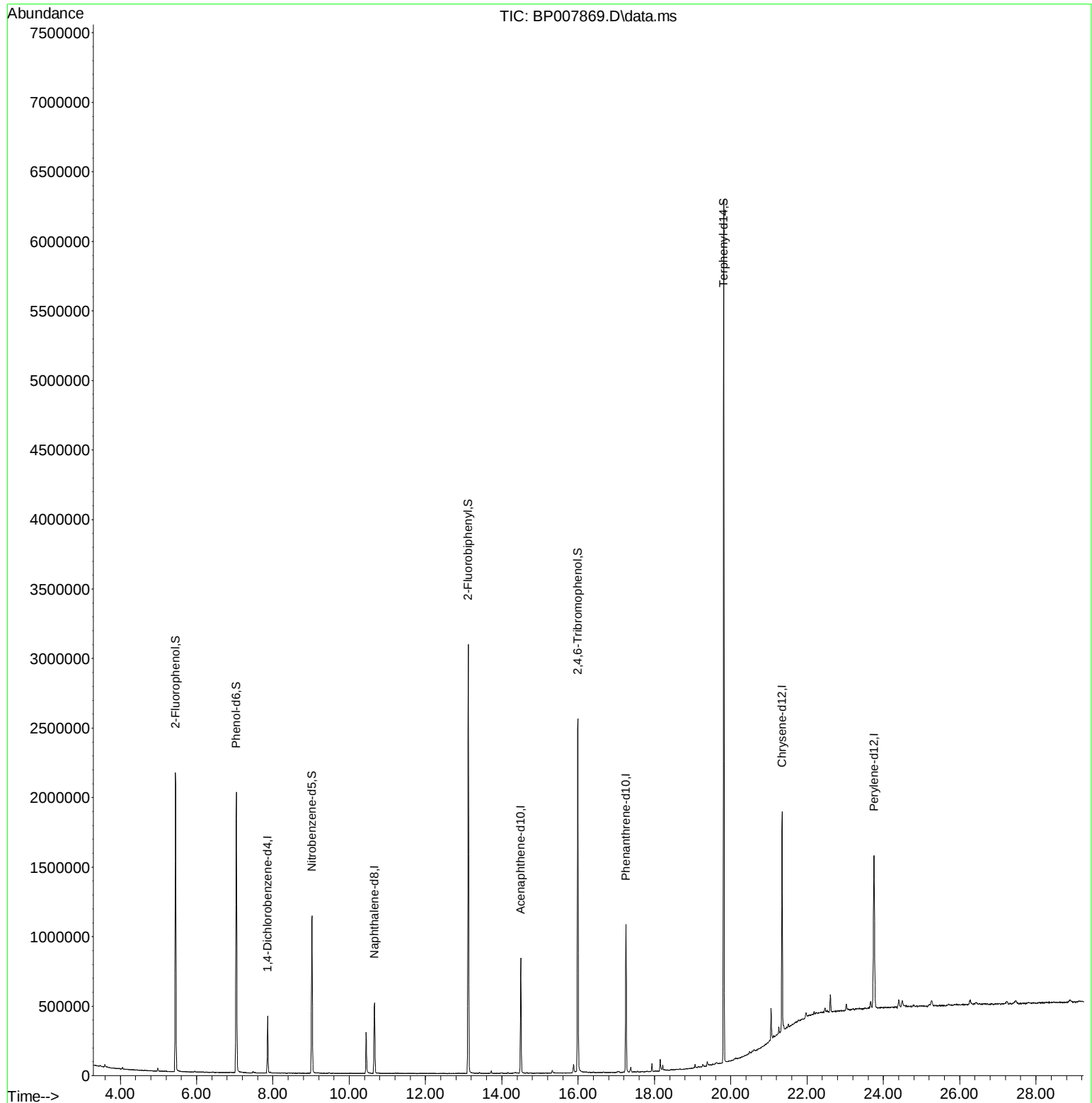
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	111526	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	432468	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	281596	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	640134	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	780353	20.00	ng	0.00
86) Perylene-d12	23.757	264	867235	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	936000	142.33	ng	0.00
7) Phenol-d6	7.040	99	1147342	120.54	ng	0.00
23) Nitrobenzene-d5	9.022	82	661666	82.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	503596	125.31	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1558843	80.62	ng	-0.01
79) Terphenyl-d14	19.816	244	2776381	72.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.322	88	187	Below Cal	Qvalue #	1

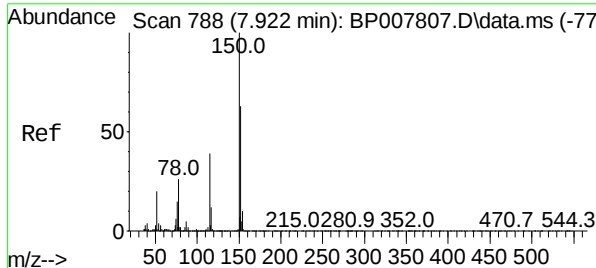
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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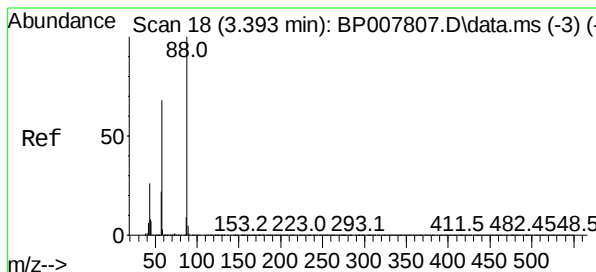
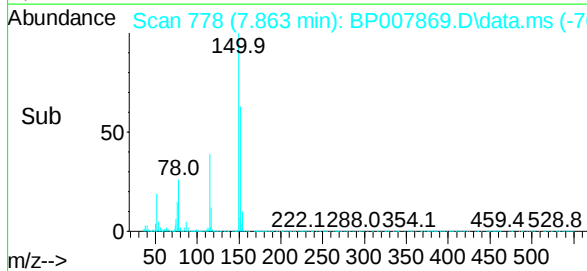
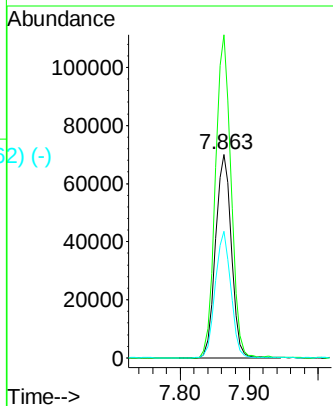
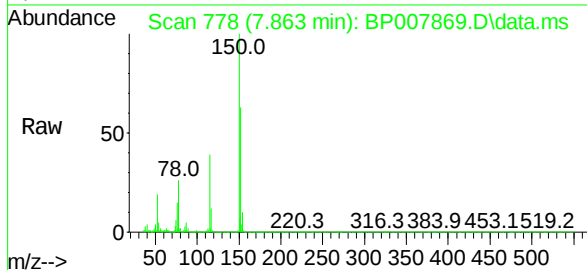




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007869.D
 Acq: 08 Nov 2021 19:49

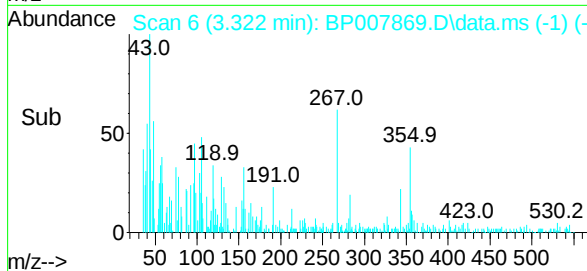
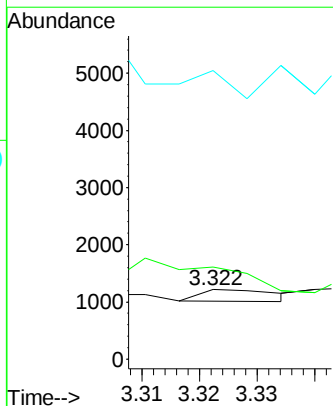
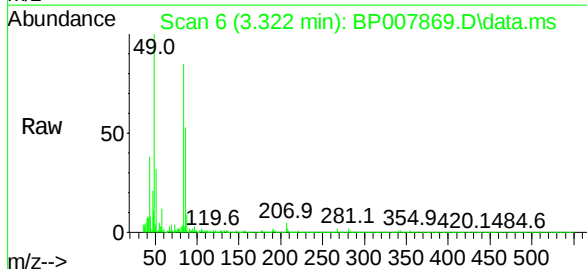
Instrument :
 BNA_P
 ClientSampleId :
 SB-11-4.5-5.0

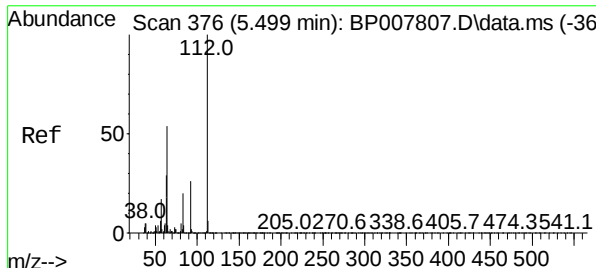
Tgt Ion:	152	Resp:	111526
Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.1	186.1
115	62.4	48.1	72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.322 min Scan# 6
 Delta R.T. -0.029 min
 Lab File: BP007869.D
 Acq: 08 Nov 2021 19:49

Tgt Ion:	88	Resp:	187
Ion	Ratio	Lower	Upper
88	100		
58	348.7	58.1	87.1#
43	0.0	22.2	33.4#





2-Fluorophenol

Concen: 142.33 ng

RT: 5.446 min Scan# 367

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

Instrument :

BNA_P

ClientSampleId :

SB-11-4.5-5.0

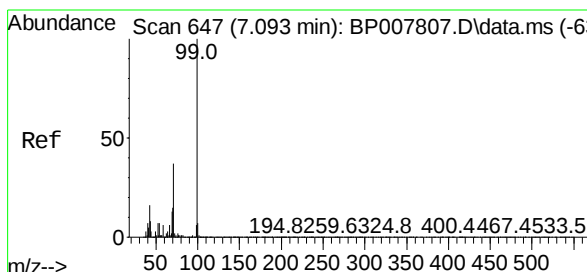
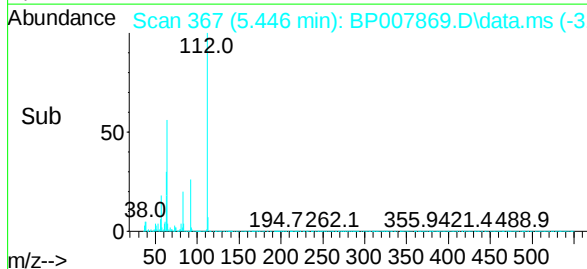
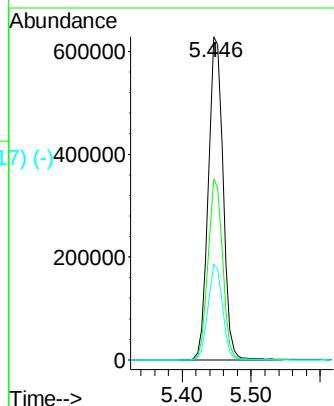
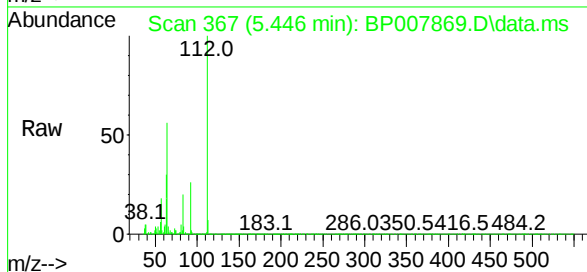
Tgt Ion: 112 Resp: 936000

Ion Ratio Lower Upper

112 100

64 56.0 46.6 70.0

63 29.7 25.0 37.6



Phenol-d6

Concen: 120.54 ng

RT: 7.040 min Scan# 638

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

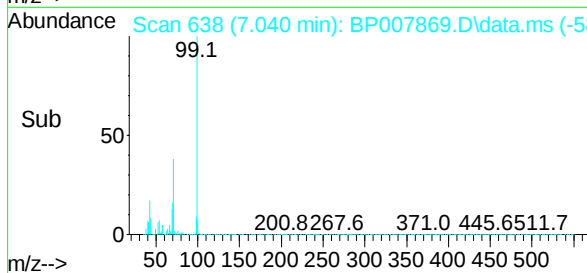
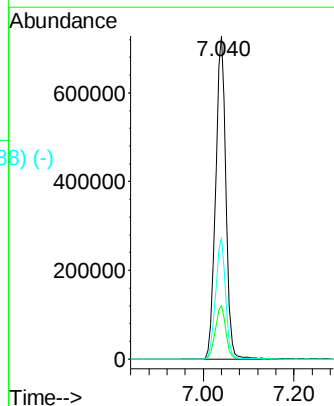
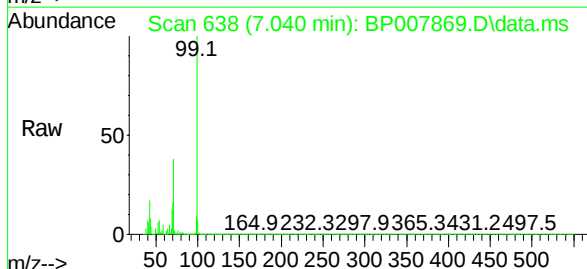
Tgt Ion: 99 Resp: 1147342

Ion Ratio Lower Upper

99 100

42 16.6 14.9 22.3

71 37.6 29.2 43.8



Abundance Scan 1265 (10.728 min): BP007807.D\data.ms (-127) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 10.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP007869.D

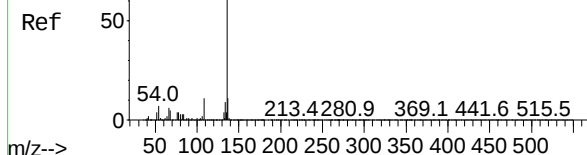
Acq: 08 Nov 2021 19:49

Instrument :

BNA_P

ClientSampleId :

SB-11-4.5-5.0



Tgt Ion: 136 Resp: 432468

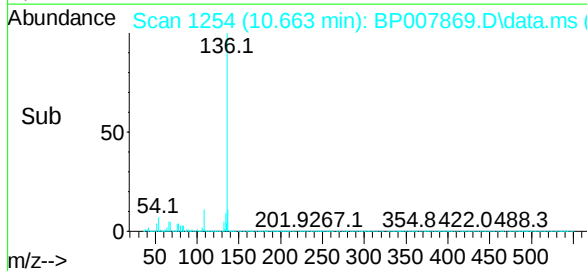
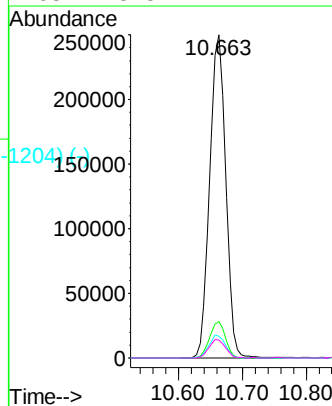
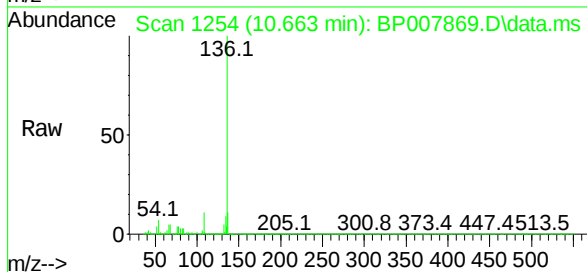
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.7 6.2 9.4

68 5.5 4.7 7.1



Abundance Scan 986 (9.087 min): BP007807.D\data.ms (-978) (-)

Nitrobenzene-d5

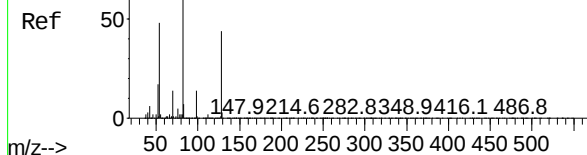
Concen: 82.19 ng

RT: 9.022 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49



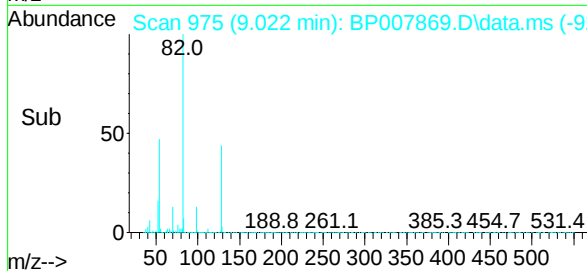
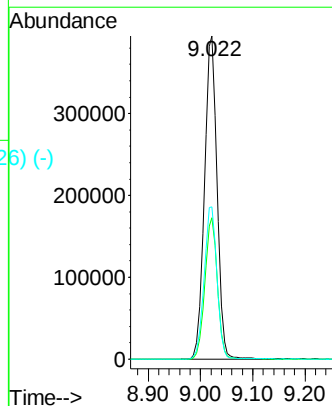
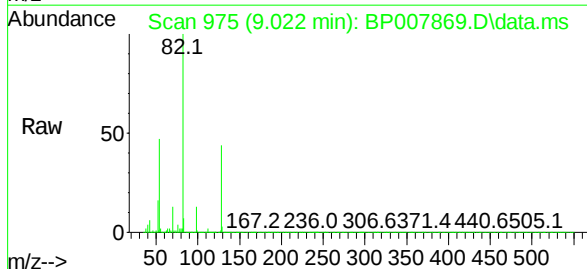
Tgt Ion: 82 Resp: 661666

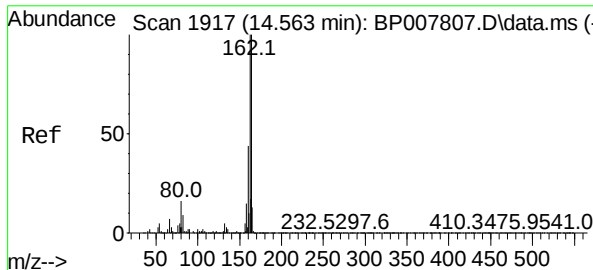
Ion Ratio Lower Upper

82 100

128 43.8 32.6 48.8

54 47.0 40.4 60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

Instrument :

BNA_P

ClientSampleId :

SB-11-4.5-5.0

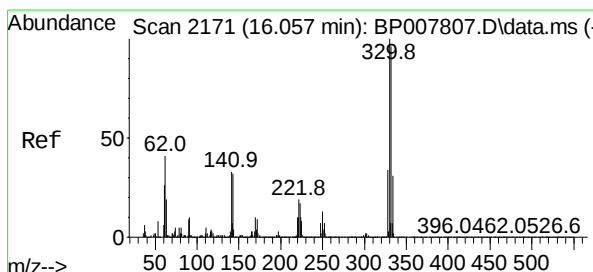
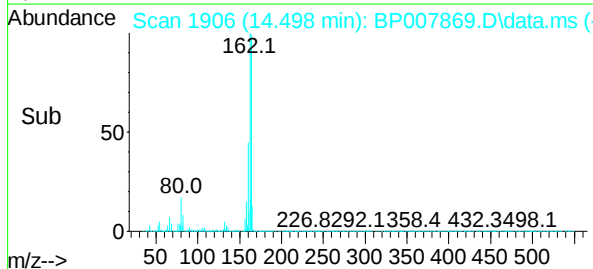
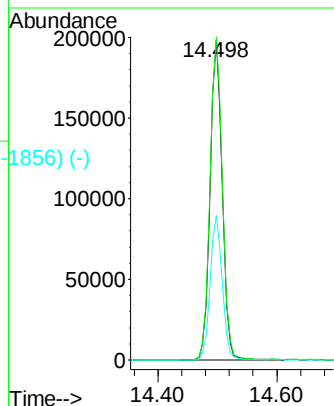
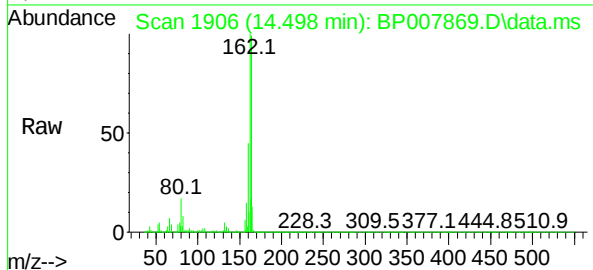
Tgt Ion:164 Resp: 281596

Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

160 45.1 36.0 54.0



2,4,6-Tribromophenol

Concen: 125.31 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

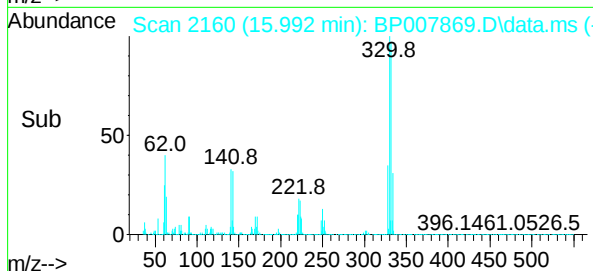
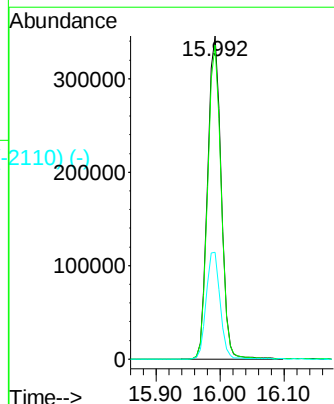
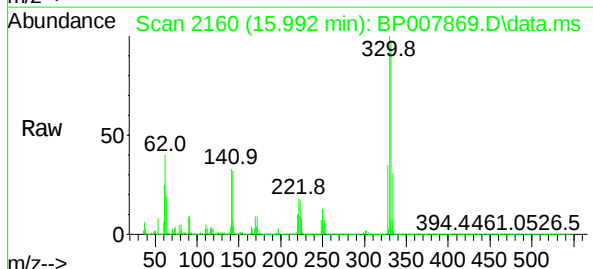
Tgt Ion:330 Resp: 503596

Ion Ratio Lower Upper

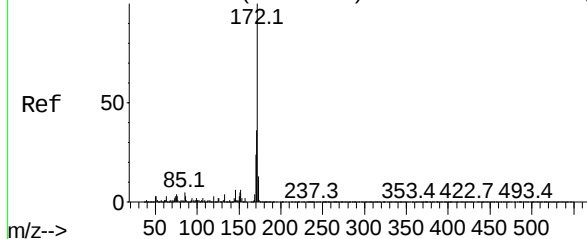
330 100

332 96.3 78.9 118.3

141 34.0 30.7 46.1



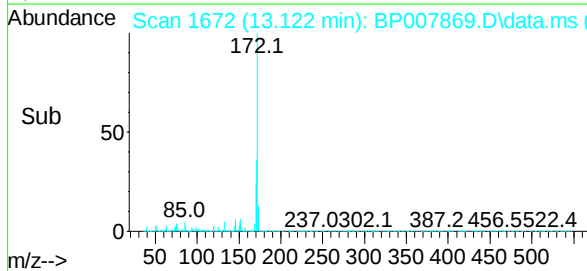
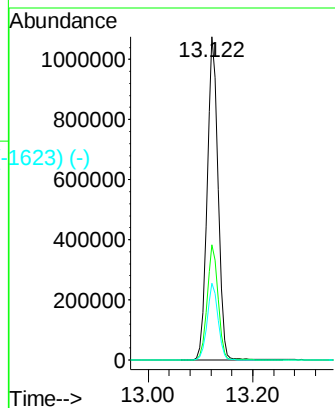
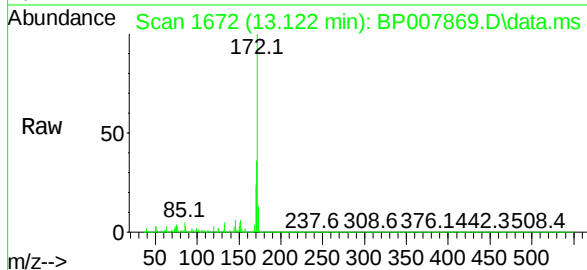
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



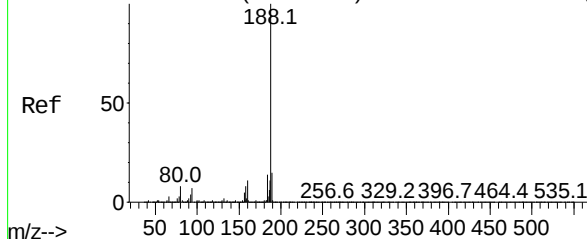
2-Fluorobiphenyl
Concen: 80.62 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007869.D
Acq: 08 Nov 2021 19:49

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SB-11-4.5-5.0

Tgt Ion:	172	Resp:	1558843
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.8	19.0	28.4

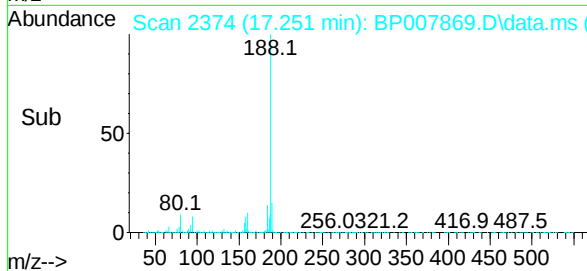
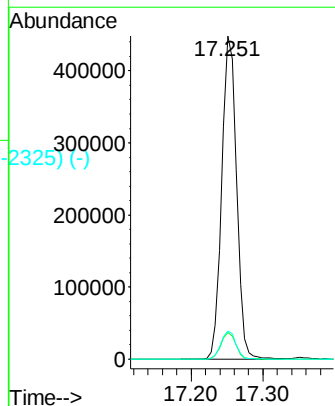
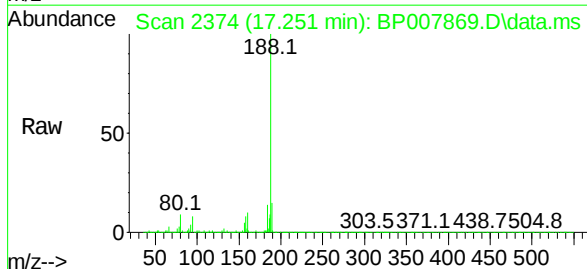


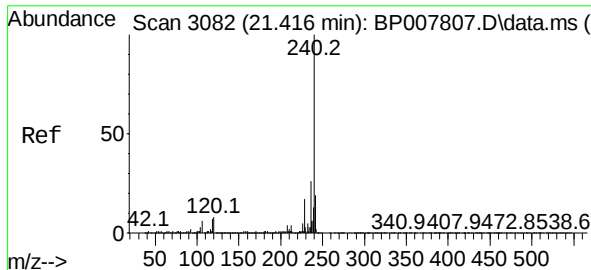
Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-23784) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007869.D
Acq: 08 Nov 2021 19:49

Tgt Ion:	188	Resp:	640134
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.7	7.8	11.6





Chrysene-d12

Concen: 20.00 ng

RT: 21.345 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

Instrument :

BNA_P

ClientSampleId :

SB-11-4.5-5.0

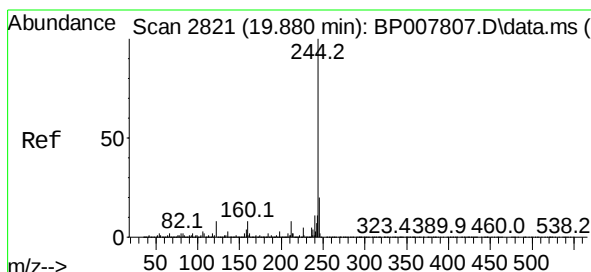
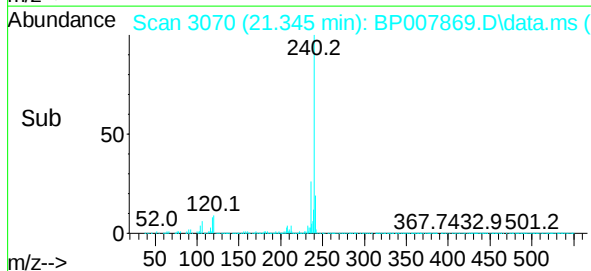
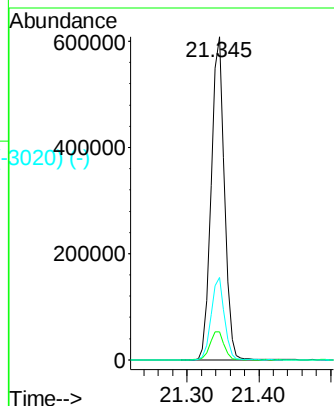
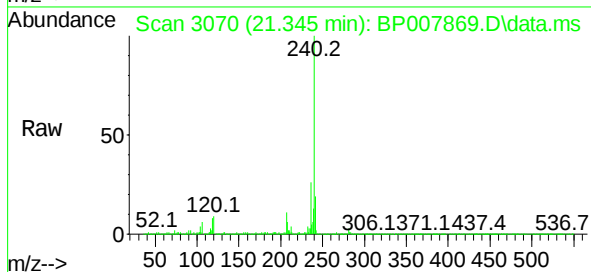
Tgt Ion:240 Resp: 780353

Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.8

236 25.6 20.6 30.8



Terphenyl-d14

Concen: 72.45 ng

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007869.D

Acq: 08 Nov 2021 19:49

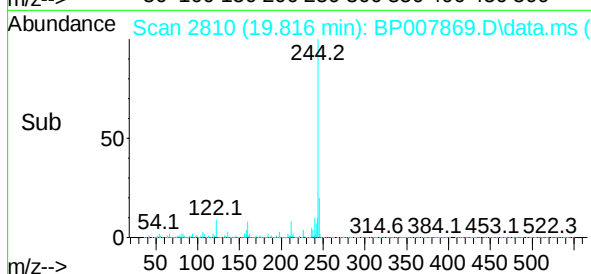
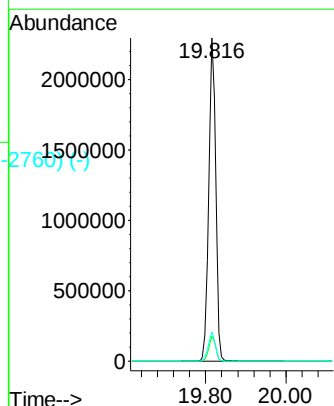
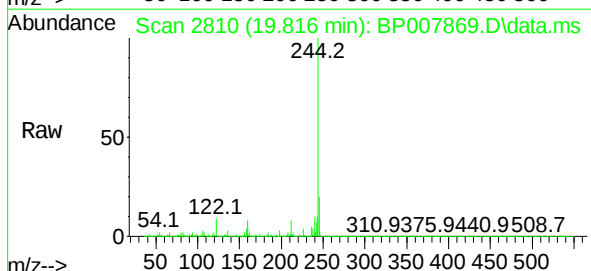
Tgt Ion:244 Resp: 2776381

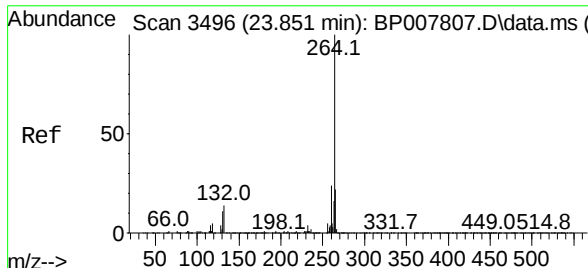
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.0 7.8 11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.757 min Scan# 486
 Delta R.T. -0.012 min
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Tgt Ion:	264	Resp:	867235
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.9	16.7	25.1

