

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007870.D
 Acq On : 08 Nov 2021 20:23
 Operator : CG/JU
 Sample : M4579-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-4.5-5.0

Quant Time: Nov 09 08:45:14 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)

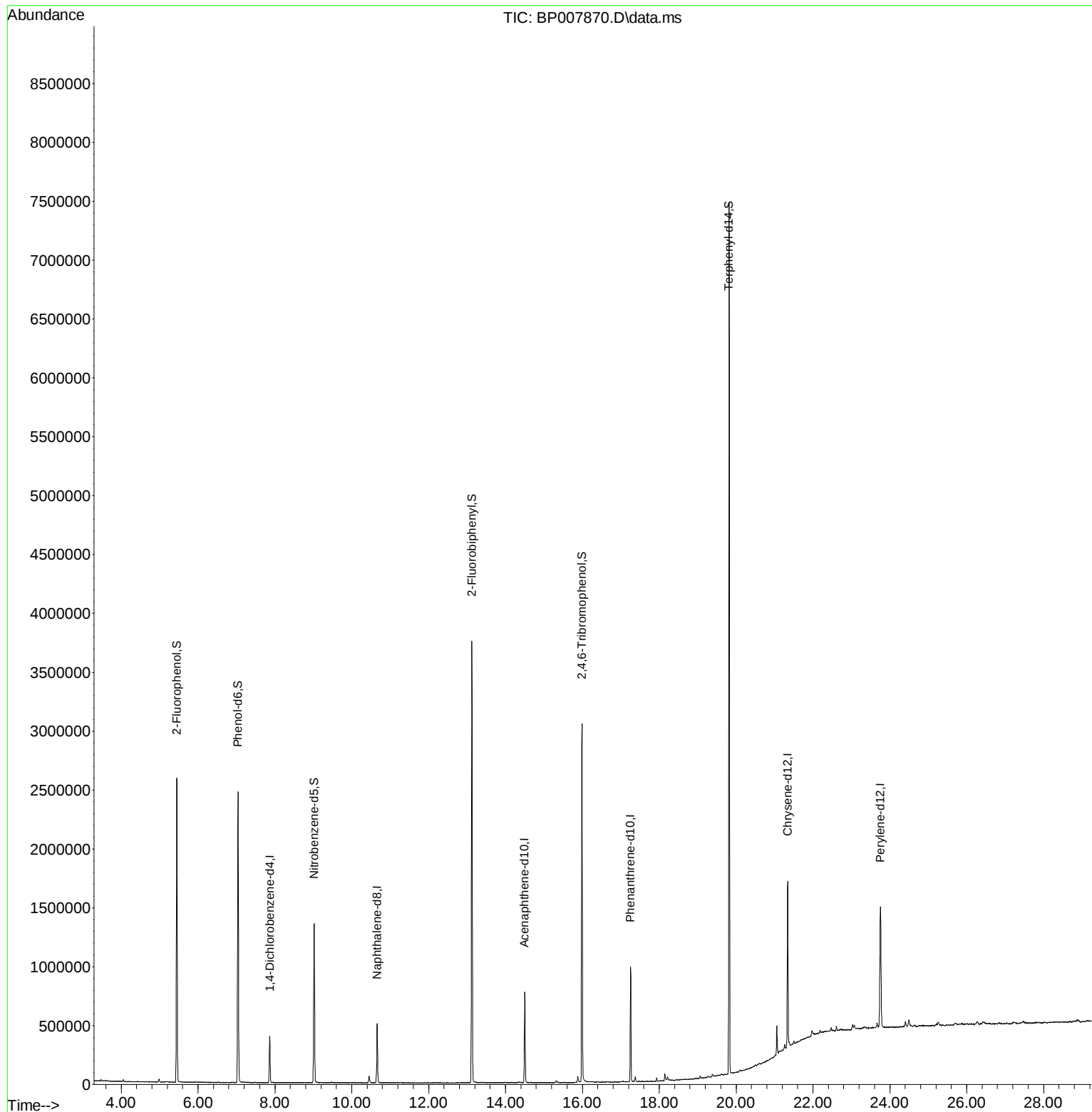
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	109054	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	414994	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	265169	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	598208	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	717936	20.00	ng	0.00
86) Perylene-d12	23.751	264	821271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1133845	176.33	ng	0.00
7) Phenol-d6	7.040	99	1386231	148.94	ng	0.00
23) Nitrobenzene-d5	9.022	82	799804	103.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	583302	154.14	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1898470	104.26	ng	-0.01
79) Terphenyl-d14	19.816	244	3285778	93.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	125	Below Cal	#	1

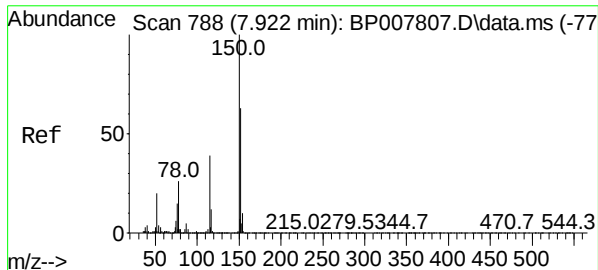
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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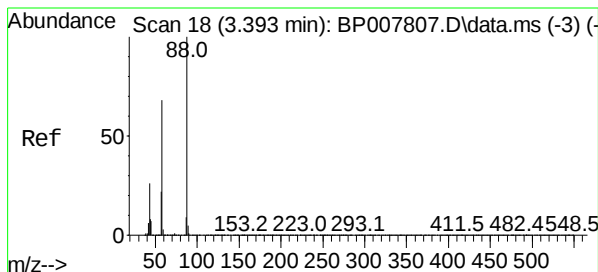
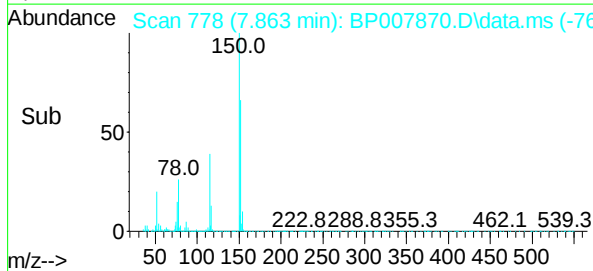
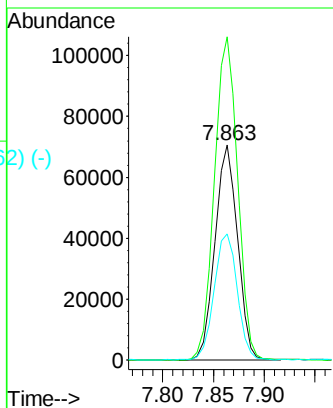
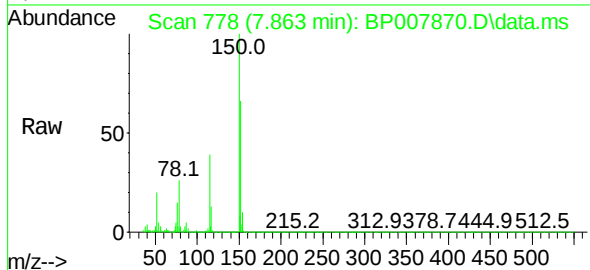




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP007870.D
 Acq: 08 Nov 2021 20:23

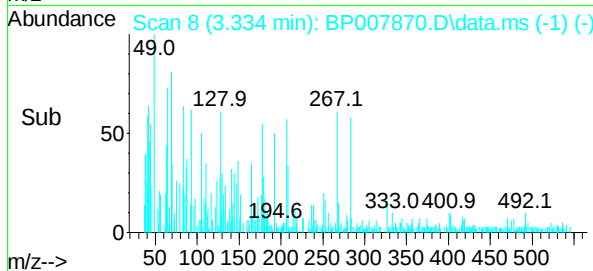
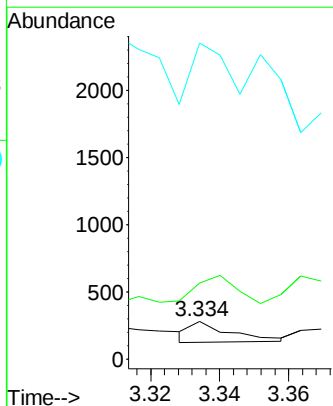
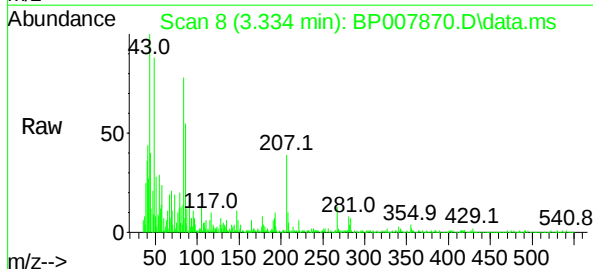
Instrument :
 BNA_P
 ClientSampleId :
 SB-12-4.5-5.0

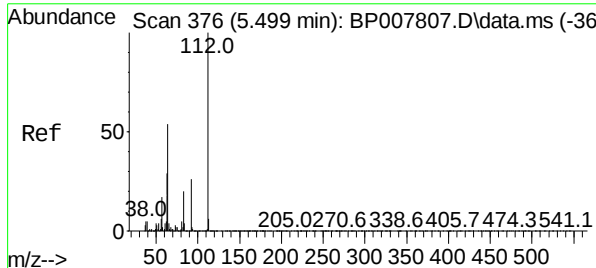
Tgt Ion:152 Resp: 109054
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.1 186.1
 115 58.6 48.1 72.1



1,4-Dioxane
 Concen: Below Cal
 RT: 3.334 min Scan# 8
 Delta R.T. -0.018 min
 Lab File: BP007870.D
 Acq: 08 Nov 2021 20:23

Tgt Ion: 88 Resp: 125
 Ion Ratio Lower Upper
 88 100
 58 130.4 58.1 87.1#
 43 706.4 22.2 33.4#





2-Fluorophenol

Concen: 176.33 ng

RT: 5.452 min Scan# 638

Delta R.T. 0.000 min

Lab File: BP007870.D

Acq: 08 Nov 2021 20:23

Instrument :

BNA_P

ClientSampleId :

SB-12-4.5-5.0

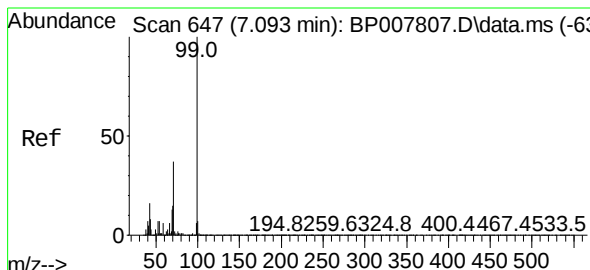
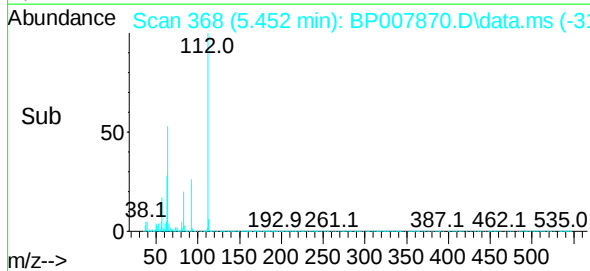
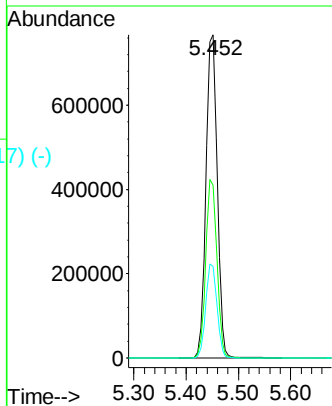
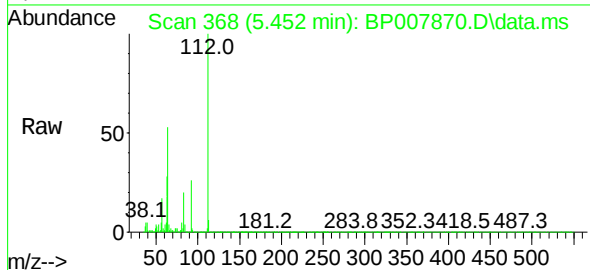
Tgt Ion:112 Resp: 1133845

Ion Ratio Lower Upper

112 100

64 53.4 46.6 70.0

63 28.3 25.0 37.6



Phenol-d6

Concen: 148.94 ng

RT: 7.040 min Scan# 638

Delta R.T. -0.006 min

Lab File: BP007870.D

Acq: 08 Nov 2021 20:23

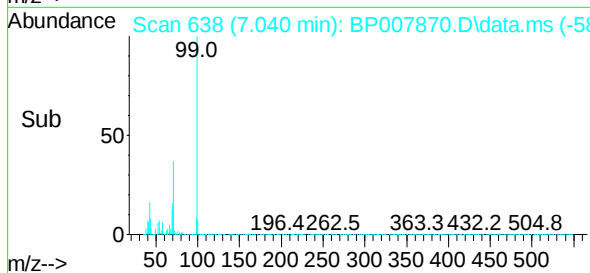
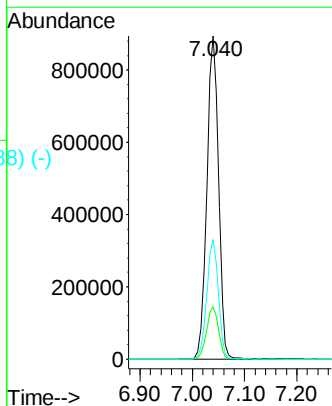
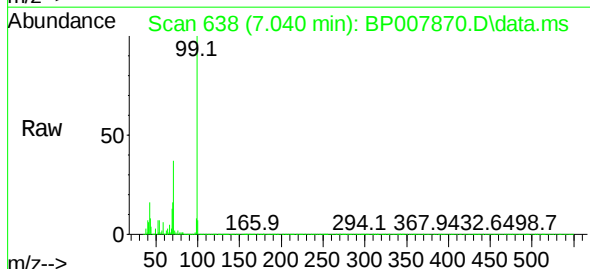
Tgt Ion: 99 Resp: 1386231

Ion Ratio Lower Upper

99 100

42 16.2 14.9 22.3

71 36.9 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: BP007870.D

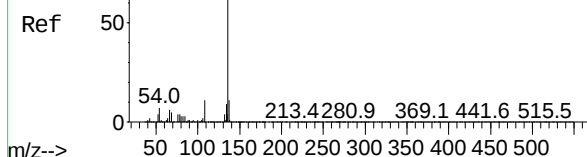
Acq: 08 Nov 2021 20:23

Instrument :

BNA_P

ClientSampleId :

SB-12-4.5-5.0



Tgt Ion: 136 Resp: 414994

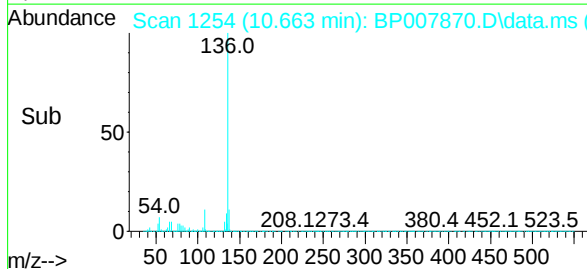
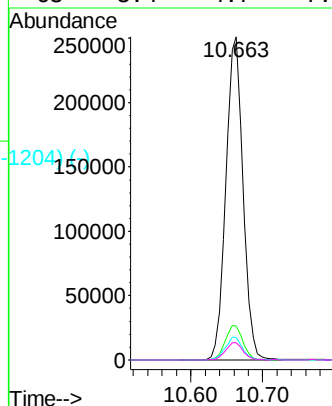
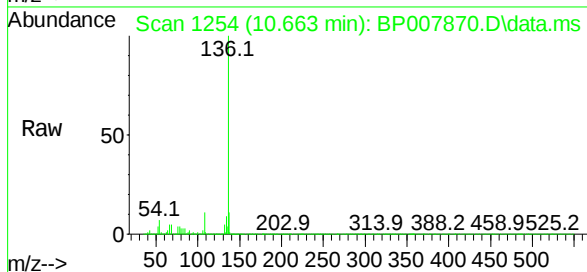
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 6.2 9.4

68 5.4 4.7 7.1



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

Nitrobenzene-d5

Concen: 103.53 ng

RT: 9.022 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP007870.D

Acq: 08 Nov 2021 20:23

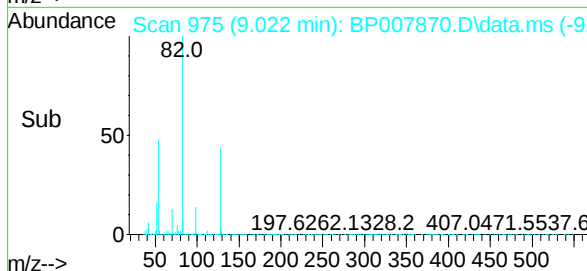
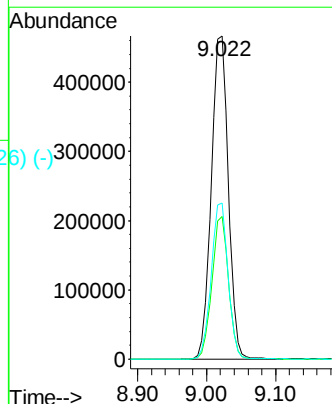
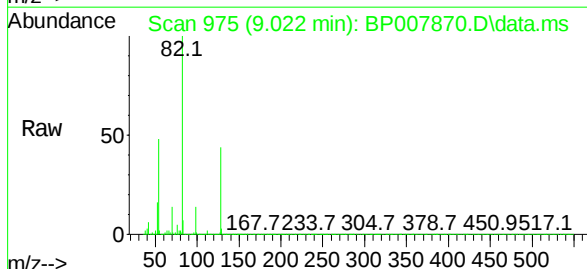
Tgt Ion: 82 Resp: 799804

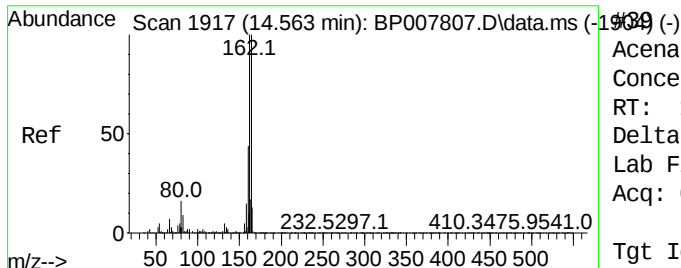
Ion Ratio Lower Upper

82 100

128 44.2 32.6 48.8

54 48.4 40.4 60.6





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP007870.D

Acq: 08 Nov 2021 20:23

Instrument :

BNA_P

ClientSampleId :

SB-12-4.5-5.0

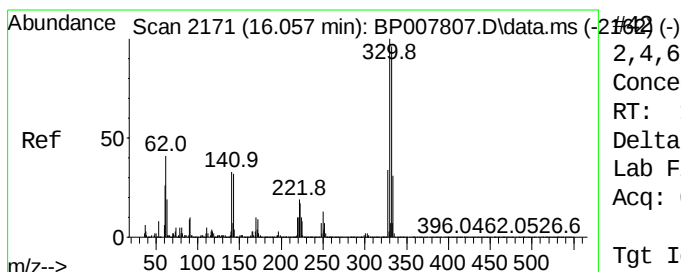
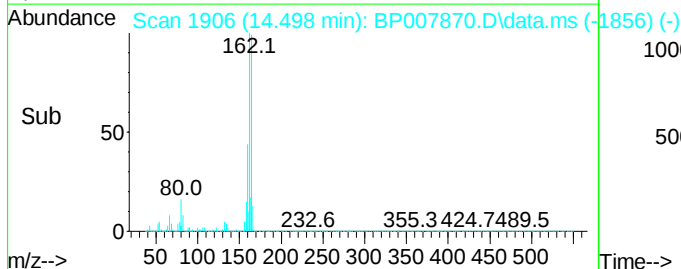
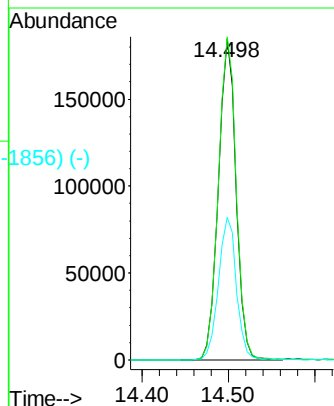
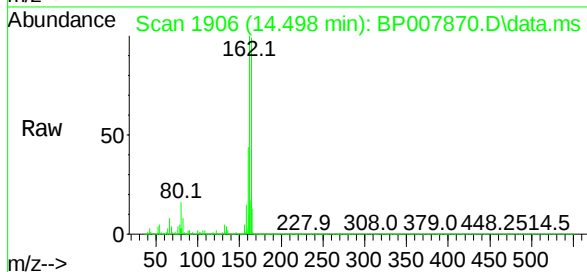
Tgt Ion:164 Resp: 265169

Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

160 44.4 36.0 54.0



2,4,6-Tribromophenol

Concen: 154.14 ng

RT: 15.992 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP007870.D

Acq: 08 Nov 2021 20:23

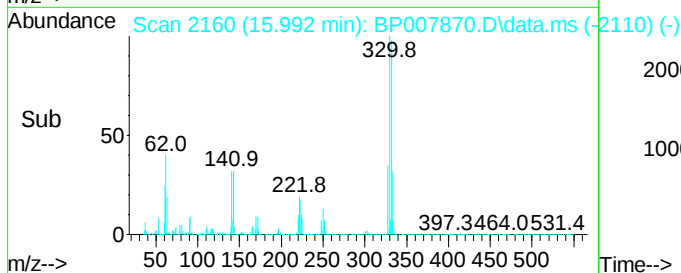
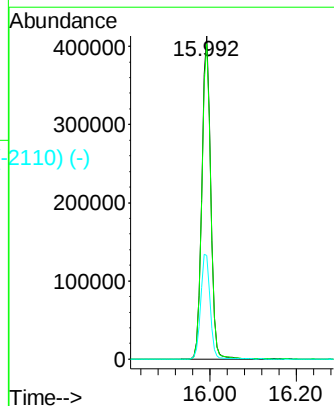
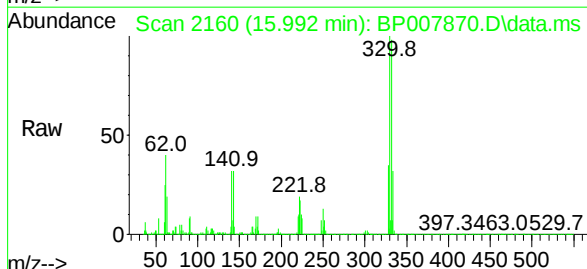
Tgt Ion:330 Resp: 583302

Ion Ratio Lower Upper

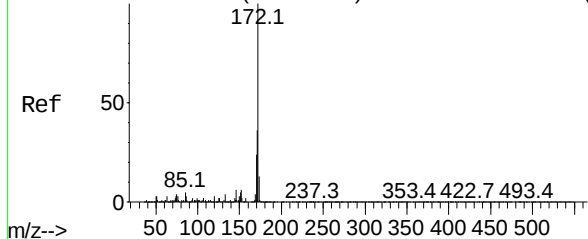
330 100

332 97.6 78.9 118.3

141 34.4 30.7 46.1



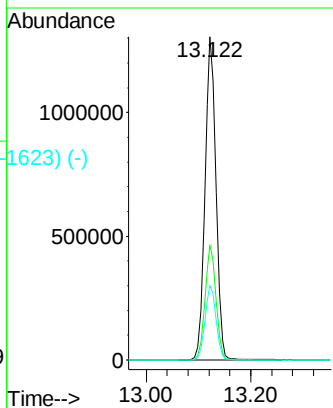
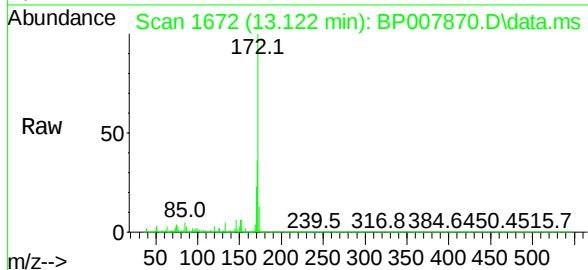
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



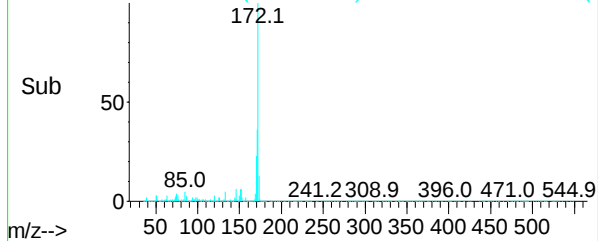
2-Fluorobiphenyl
Concen: 104.26 ng
RT: 13.122 min Scan# 16745
Delta R.T. -0.012 min
Lab File: BP007870.D
Acq: 08 Nov 2021 20:23

Instrument :
BNA_P
ClientSampleId :
SB-12-4.5-5.0

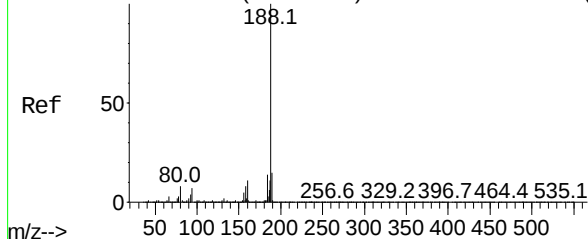
Tgt Ion:172 Resp: 1898470
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.2 19.0 28.4



Abundance Scan 1672 (13.122 min): BP007870.D\data.ms (-1623) (-)

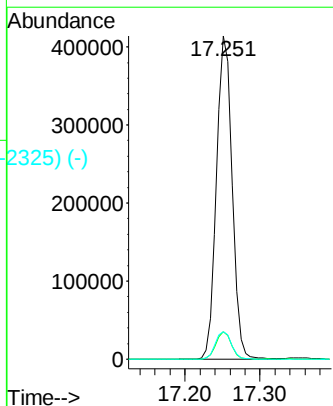
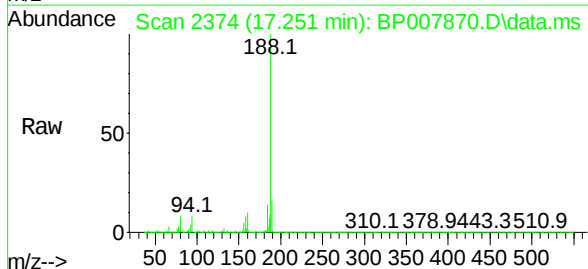


Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-2378) (-)

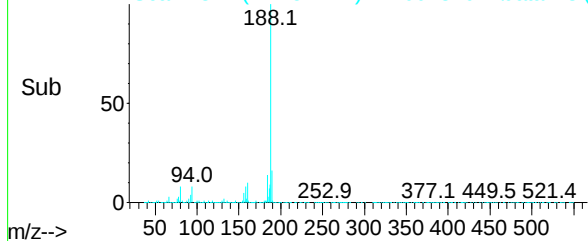


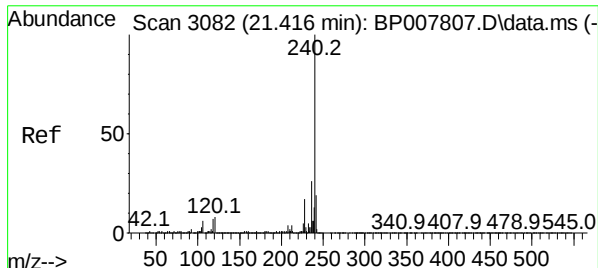
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007870.D
Acq: 08 Nov 2021 20:23

Tgt Ion:188 Resp: 598208
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.4 7.8 11.6



Abundance Scan 2374 (17.251 min): BP007870.D\data.ms (-2325) (-)

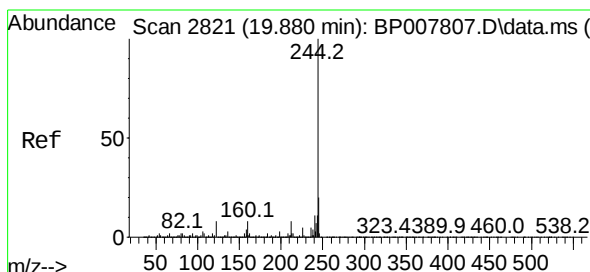
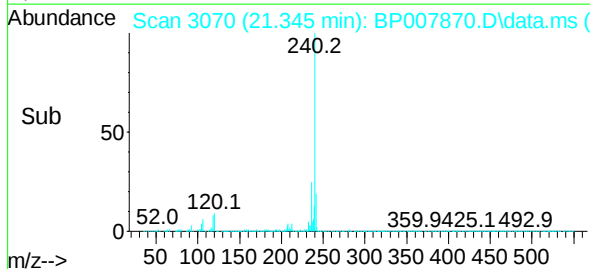
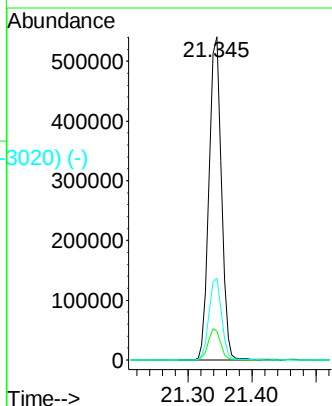
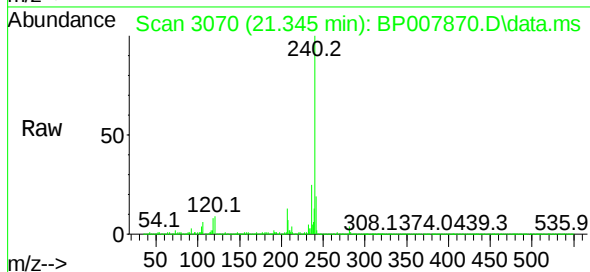




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.345 min Scan# 3073
 Delta R.T. -0.006 min
 Lab File: BP007870.D
 Acq: 08 Nov 2021 20:23

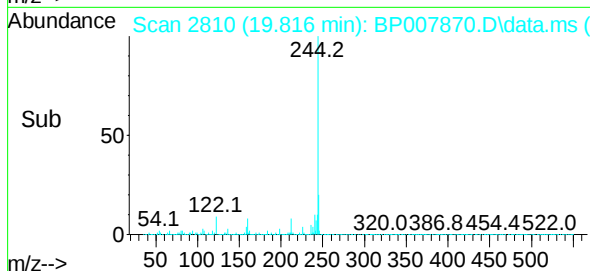
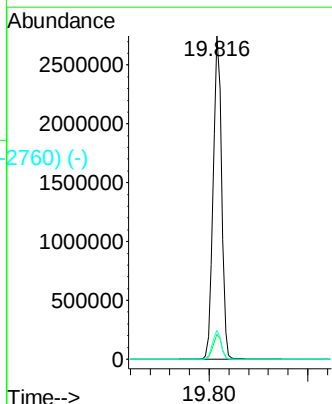
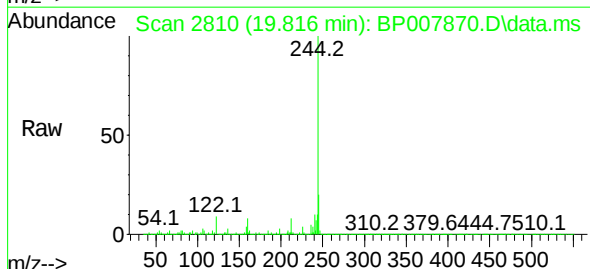
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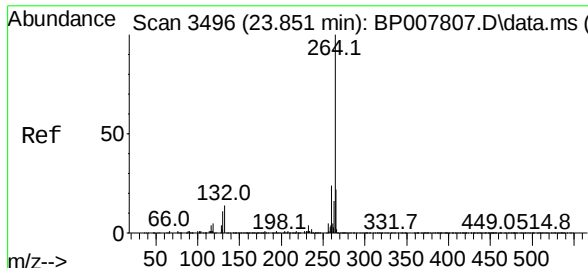
Tgt Ion:	240	Resp:	717936
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.8
236	25.4	20.6	30.8



Terphenyl-d14
 Concen: 93.19 ng
 RT: 19.816 min Scan# 2810
 Delta R.T. -0.006 min
 Lab File: BP007870.D
 Acq: 08 Nov 2021 20:23

Tgt Ion:	244	Resp:	3285778
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.9	7.8	11.8





Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 486
 Delta R.T. -0.018 min
 Lab File: BP007870.D
 Acq: 08 Nov 2021 20:23

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-4.5-5.0

Tgt Ion:	264	Resp:	821271
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.1	28.7
265	22.2	16.7	25.1

